

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073112.D
 Acq On : 18 May 2022 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 19 04:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	322860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	560928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	529364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180142	44.616	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.240%		
35) Dibromofluoromethane	7.909	113	178609	45.351	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.700%		
50) Toluene-d8	10.332	98	671818	47.021	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.040%		
62) 4-Bromofluorobenzene	12.620	95	233632	45.147	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	138649	34.343	ug/l	99
3) Chloromethane	2.209	50	161610	38.829	ug/l	98
4) Vinyl Chloride	2.344	62	147585	38.556	ug/l	100
5) Bromomethane	2.762	94	103604	38.108	ug/l	99
6) Chloroethane	2.915	64	95003	39.856	ug/l	95
7) Trichlorofluoromethane	3.268	101	269522	38.477	ug/l	98
8) Diethyl Ether	3.703	74	81167	42.346	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	158326	38.168	ug/l	97
10) Methyl Iodide	4.291	142	182326	38.815	ug/l	100
11) Tert butyl alcohol	5.209	59	75310	120.588	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	147719	39.381	ug/l	94
13) Acrolein	3.915	56	60206	162.747	ug/l	98
14) Allyl chloride	4.709	41	252803	42.539	ug/l	92
15) Acrylonitrile	5.415	53	195839	213.182	ug/l	97
16) Acetone	4.156	43	139350	190.717	ug/l	93
17) Carbon Disulfide	4.403	76	500441	39.834	ug/l	98
18) Methyl Acetate	4.709	43	88521	40.409	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	378932	43.197	ug/l	98
20) Methylene Chloride	4.962	84	208619	39.339	ug/l	89
21) trans-1,2-Dichloroethene	5.462	96	186334	41.761	ug/l	93
22) Diisopropyl ether	6.362	45	562929	44.131	ug/l #	92
23) Vinyl Acetate	6.303	43	1531330	222.219	ug/l	96
24) 1,1-Dichloroethane	6.256	63	339416	42.770	ug/l	99
25) 2-Butanone	7.209	43	230740	208.548	ug/l	95
26) 2,2-Dichloropropane	7.203	77	260550	38.780	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	208676	42.410	ug/l	92
28) Bromochloromethane	7.538	49	116339	42.797	ug/l #	80
29) Tetrahydrofuran	7.556	42	156166	219.351	ug/l	92
30) Chloroform	7.703	83	356675	42.005	ug/l	98
31) Cyclohexane	7.979	56	276384	38.003	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	298301	41.006	ug/l	97
36) 1,1-Dichloropropene	8.108	75	252875	39.406	ug/l	95
37) Ethyl Acetate	7.291	43	112842	41.871	ug/l	97
38) Carbon Tetrachloride	8.091	117	260420	39.666	ug/l	97
39) Methylcyclohexane	9.350	83	282548	37.760	ug/l	99
40) Benzene	8.344	78	766526	41.775	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	65492	43.096	ug/l	92
42) 1,2-Dichloroethane	8.414	62	215698	40.387	ug/l	95
43) Isopropyl Acetate	8.444	43	209734	41.858	ug/l	93
44) Trichloroethene	9.108	130	201301	40.560	ug/l	99
45) 1,2-Dichloropropane	9.379	63	193315	40.569	ug/l	96
46) Dibromomethane	9.467	93	108376	41.132	ug/l	95
47) Bromodichloromethane	9.655	83	274348	40.996	ug/l	96
48) Methyl methacrylate	9.450	41	107644	43.311	ug/l	89
49) 1,4-Dioxane	9.455	88	24470	892.033	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	560781	214.462	ug/l	94
52) Toluene	10.397	92	499040	42.838	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	250821	41.096	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	297123	41.290	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	146358	40.696	ug/l	98
56) Ethyl methacrylate	10.650	69	179163	44.050	ug/l	88
57) 1,3-Dichloropropane	10.938	76	252119	41.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	441420	208.018	ug/l	96
59) 2-Hexanone	10.973	43	379687	219.811	ug/l	93
60) Dibromochloromethane	11.132	129	188997	42.299	ug/l	96
61) 1,2-Dibromoethane	11.238	107	143504	41.467	ug/l	99
64) Tetrachloroethene	10.867	164	161196	41.563	ug/l	99
65) Chlorobenzene	11.661	112	522020	43.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	195283	42.591	ug/l	98
67) Ethyl Benzene	11.738	91	934578	44.718	ug/l	100
68) m/p-Xylenes	11.844	106	739083	91.247	ug/l	98
69) o-Xylene	12.167	106	331728	44.411	ug/l	99
70) Styrene	12.185	104	598614	45.883	ug/l	98
71) Bromoform	12.349	173	105907	43.871	ug/l #	98
73) Isopropylbenzene	12.467	105	874716	44.703	ug/l	99
74) N-amyl acetate	12.279	43	205342	44.905	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	167630	43.455	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	118641m	40.656	ug/l	
77) Bromobenzene	12.749	156	208595	44.679	ug/l	94
78) n-propylbenzene	12.808	91	1115353	45.391	ug/l	99
79) 2-Chlorotoluene	12.896	91	647973	45.266	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	770005	46.192	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	52042	42.761	ug/l	90
82) 4-Chlorotoluene	12.991	91	678026	44.754	ug/l	99
83) tert-Butylbenzene	13.208	119	622129	44.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	763051	46.009	ug/l	98
85) sec-Butylbenzene	13.385	105	952589	44.445	ug/l	99
86) p-Isopropyltoluene	13.502	119	802180	46.014	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	423848	44.170	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	414297	43.691	ug/l	99
89) n-Butylbenzene	13.826	91	746417	44.026	ug/l	99
90) Hexachloroethane	14.096	117	157812	43.565	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	369252	44.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26449	44.110	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	209352	44.086	ug/l	98
94) Hexachlorobutadiene	15.249	225	109019	41.130	ug/l	99
95) Naphthalene	15.379	128	401860	40.812	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	190811	45.259	ug/l	99

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ClientSampleId :
VSTDCCC050

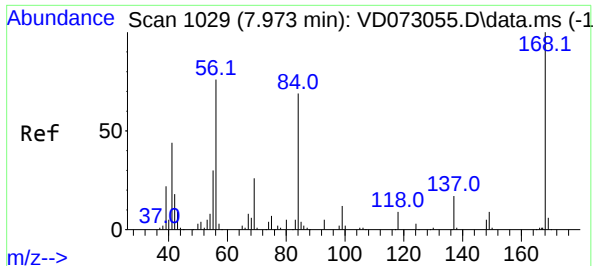
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

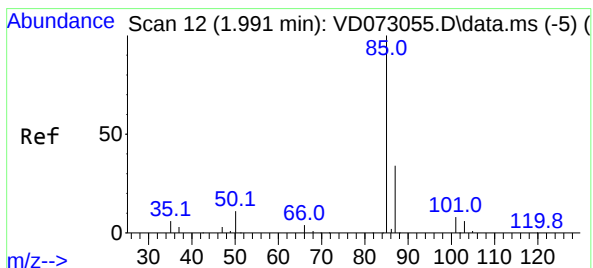
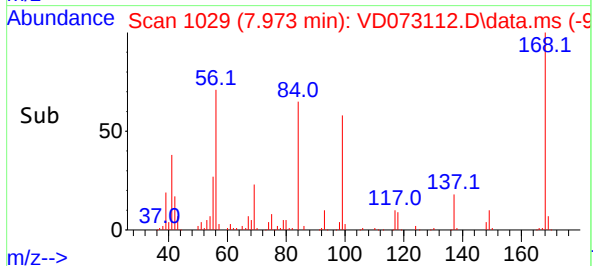
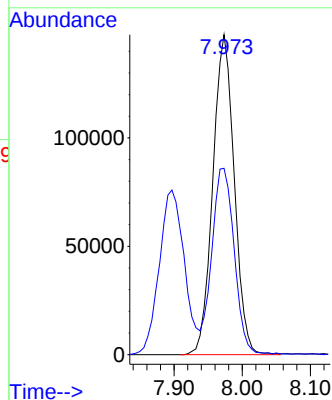
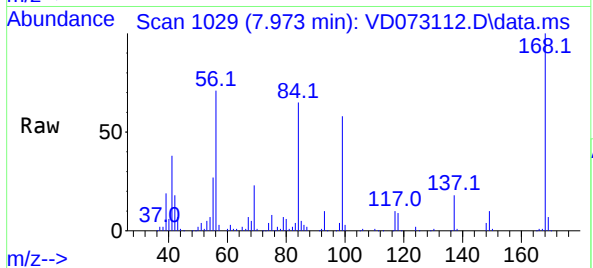
Tgt Ion:168 Resp: 322860
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6

Manual Integrations

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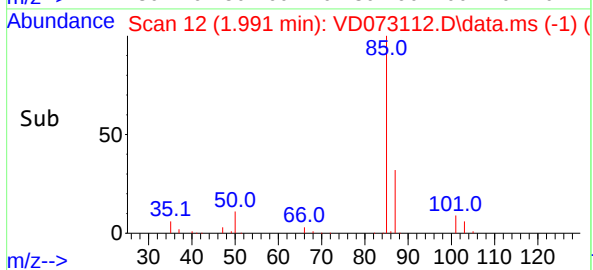
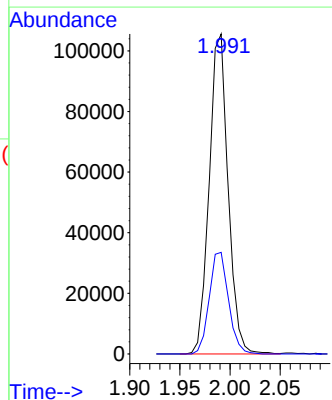
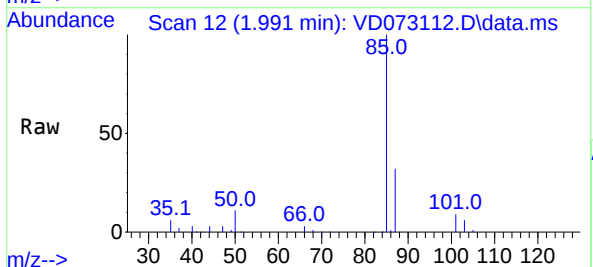
Reviewed By :John Carlone 05/19/2022

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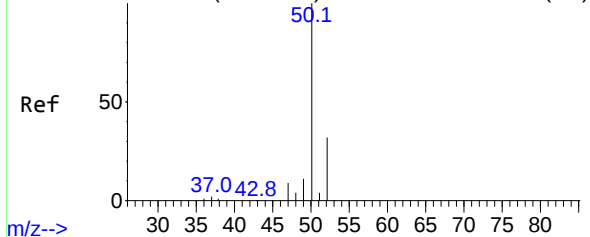


#2
Dichlorodifluoromethane
Concen: 34.343 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Tgt Ion: 85 Resp: 138649
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 38.829 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 161610

Ion Ratio Lower Upper

50 100

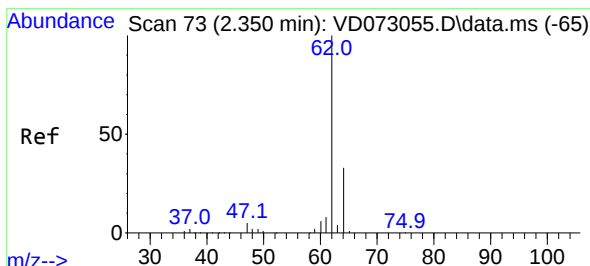
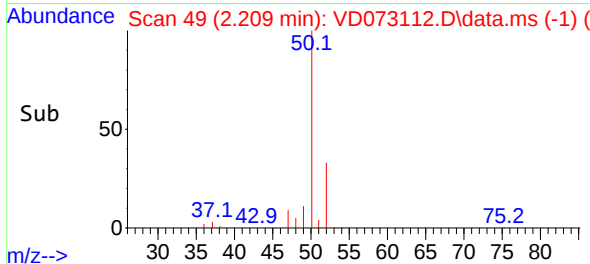
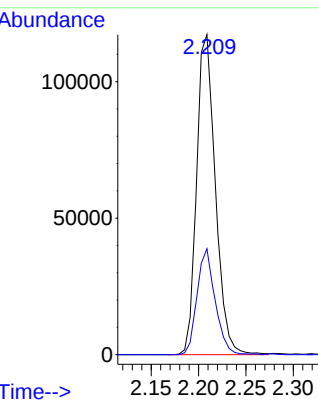
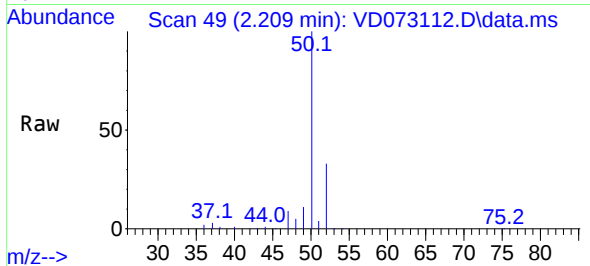
52 33.1 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 38.556 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073112.D

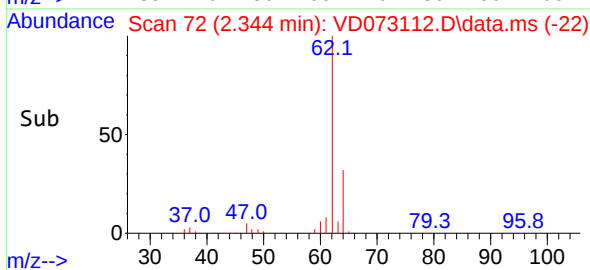
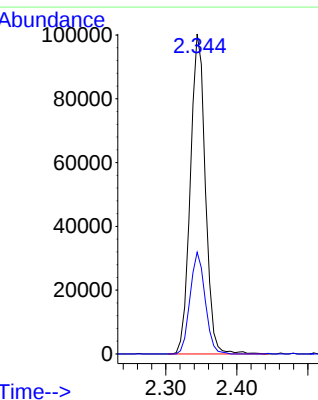
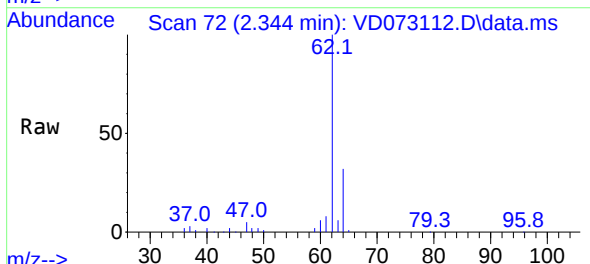
Acq: 18 May 2022 22:28

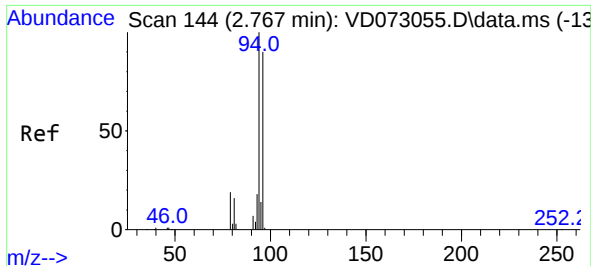
Tgt Ion: 62 Resp: 147585

Ion Ratio Lower Upper

62 100

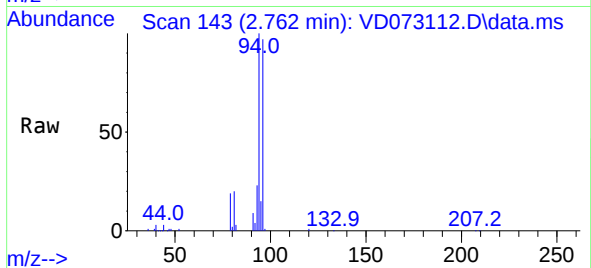
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 38.108 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

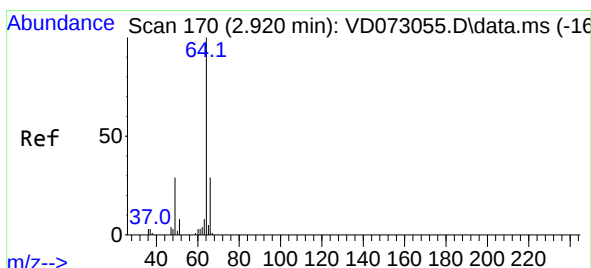
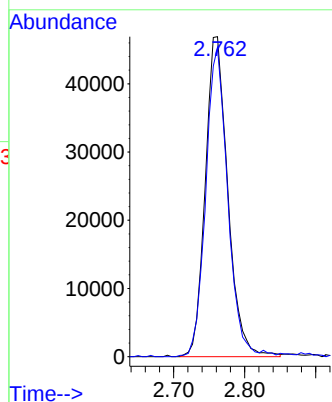
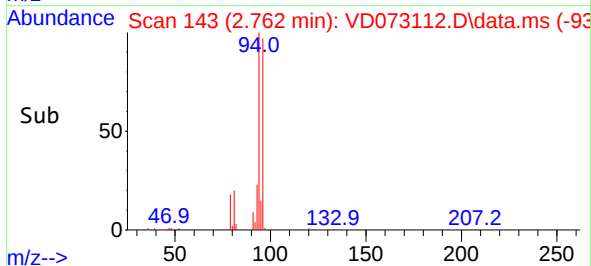
Instrument :
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Tgt Ion: 94 Resp: 103604
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4

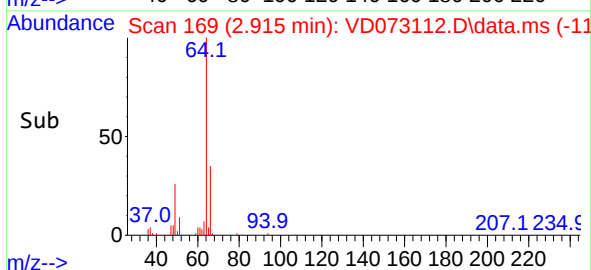
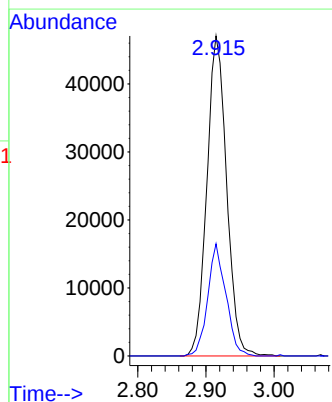
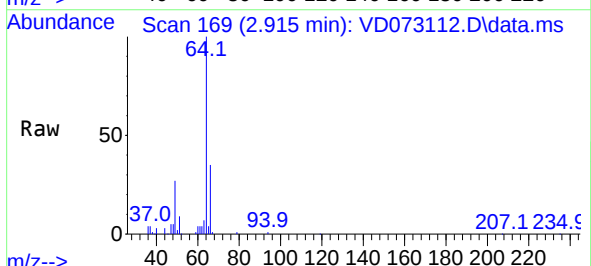
Manual Integrations
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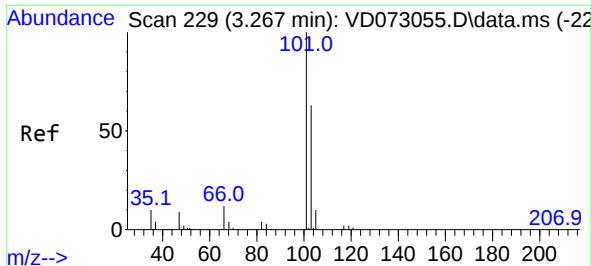
Reviewed By :John Carlone 05/19/2022
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#6
Chloroethane
Concen: 39.856 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

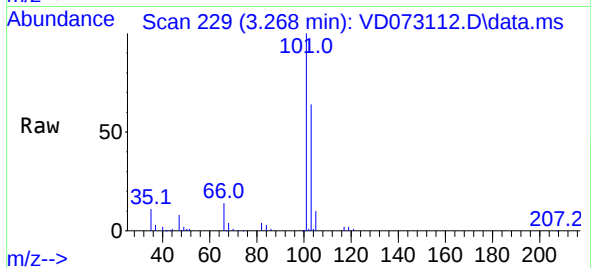
Tgt Ion: 64 Resp: 95003
Ion Ratio Lower Upper
64 100
66 35.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 38.477 ug/l
RT: 3.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

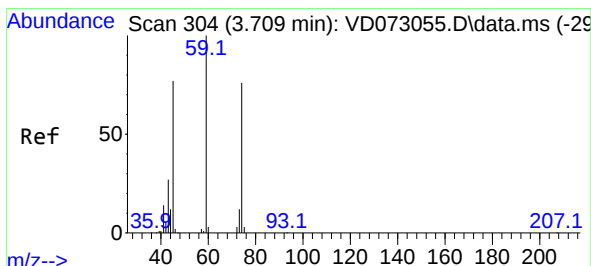
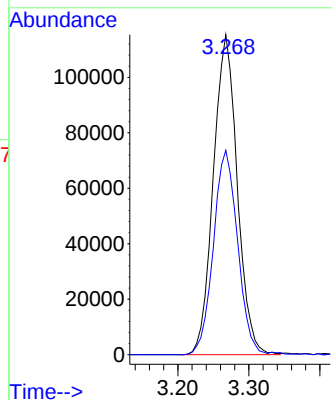
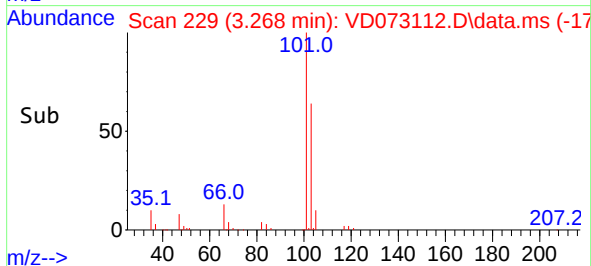
Instrument :
MSVOA_D
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VSTDCCC050



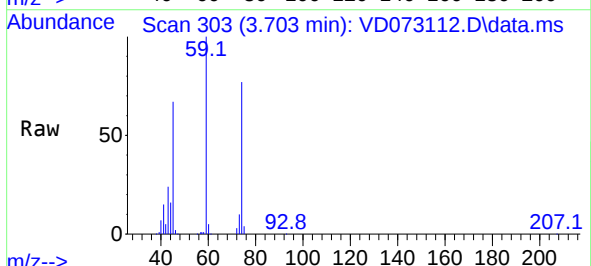
Tgt Ion:101 Resp: 26952
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

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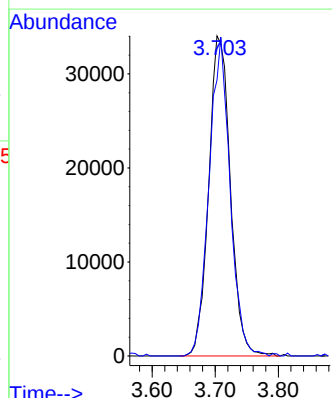
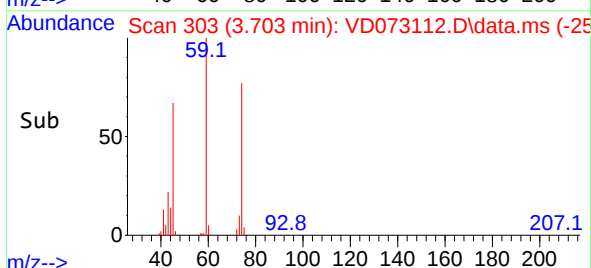
Reviewed By :John Carlone 05/19/2022
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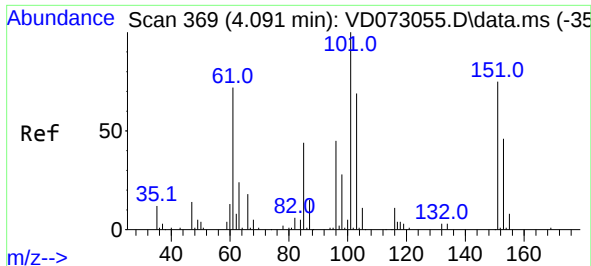


#8
Diethyl Ether
Concen: 42.346 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 74 Resp: 81167
Ion Ratio Lower Upper
74 100
45 96.1 52.6 157.8





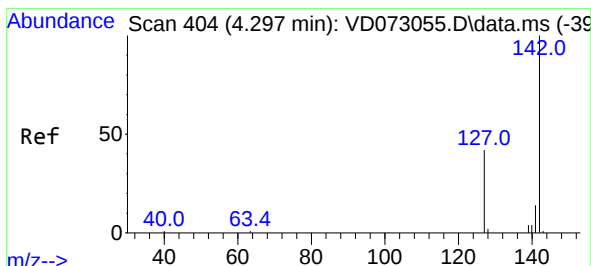
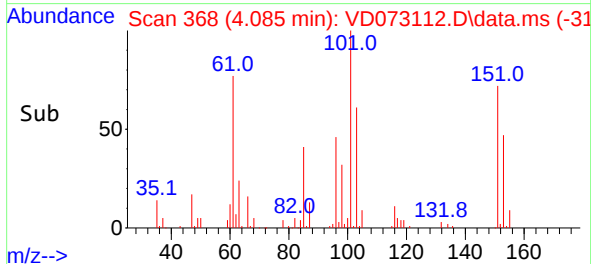
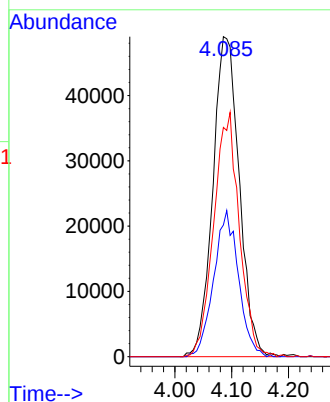
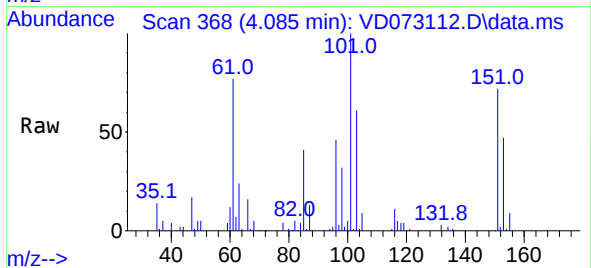
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.168 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 158320
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 73.9 57.3 85.9

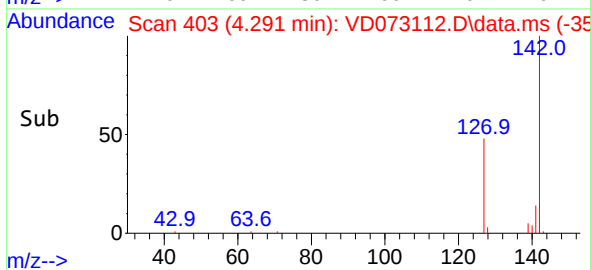
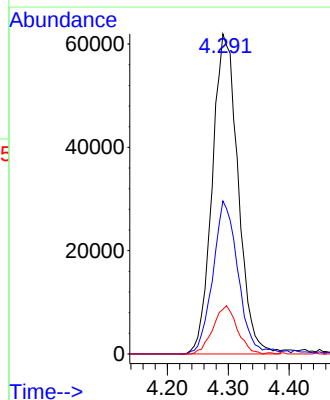
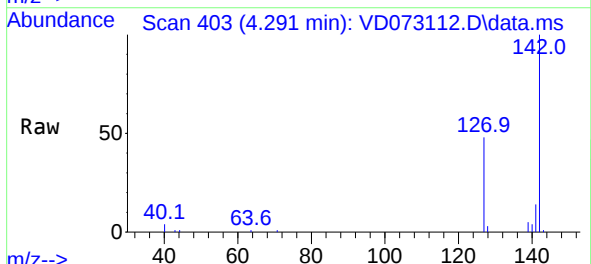
Manual Integrations
APPROVED

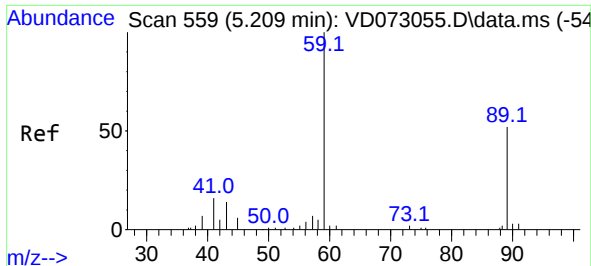
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 38.815 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Tgt Ion:142 Resp: 182326
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 120.588 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

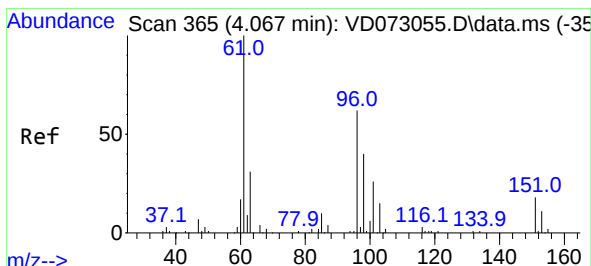
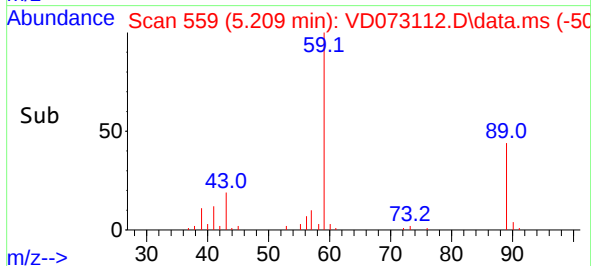
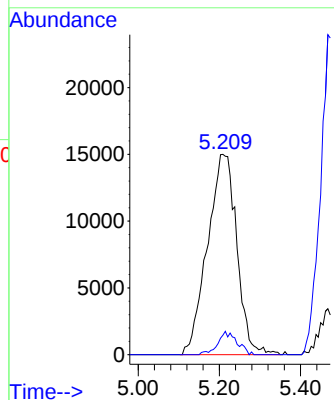
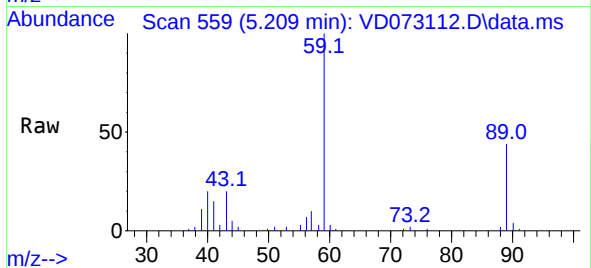
VSTDCCC050

Tgt Ion: 59 Resp: 75310
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.6

Manual Integrations

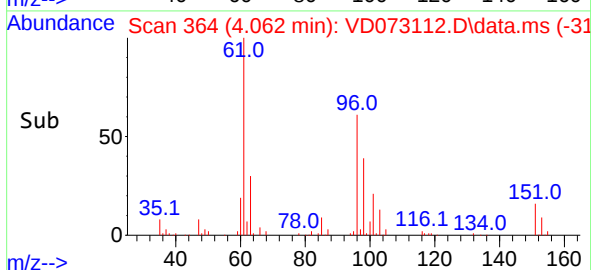
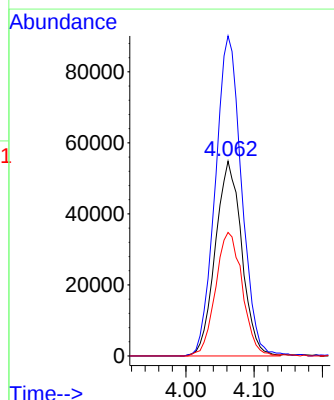
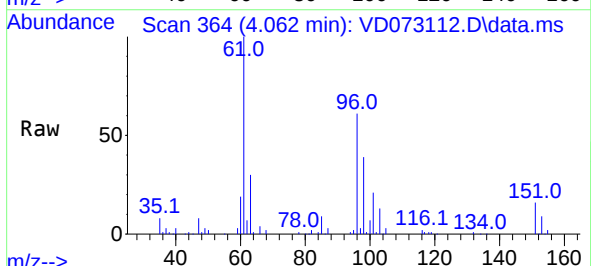
APPROVED

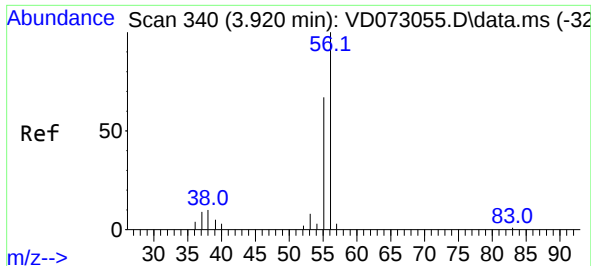
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#12
1,1-Dichloroethene
Concen: 39.381 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

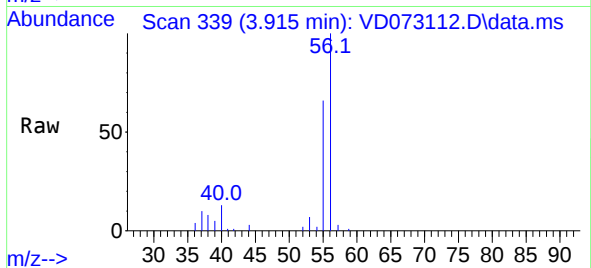
Tgt Ion: 96 Resp: 147719
Ion Ratio Lower Upper
96 100
61 164.4 138.5 207.7
98 63.4 48.6 73.0





#13
Acrolein
Concen: 162.747 ug/l
RT: 3.915 min Scan# 311
Delta R.T. -0.005 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

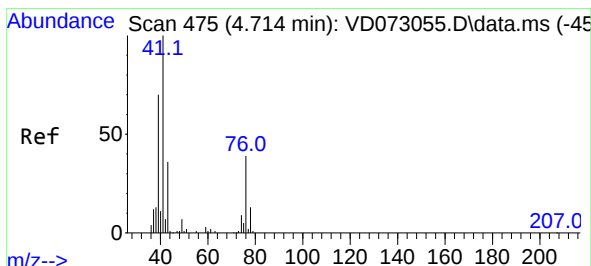
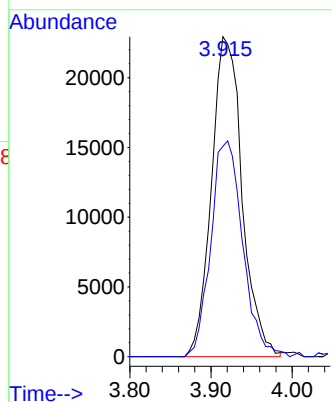
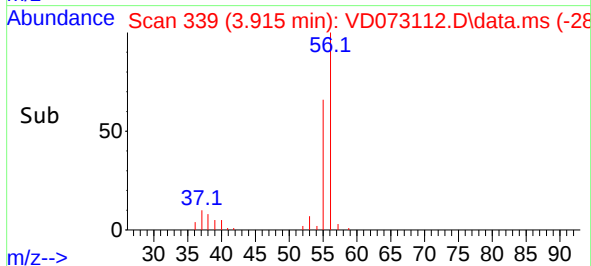
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 60200
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

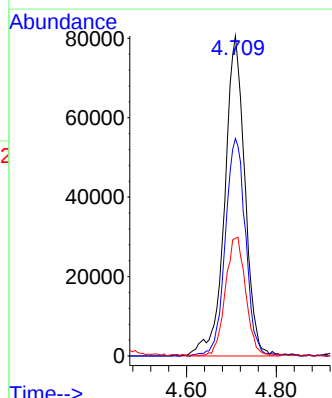
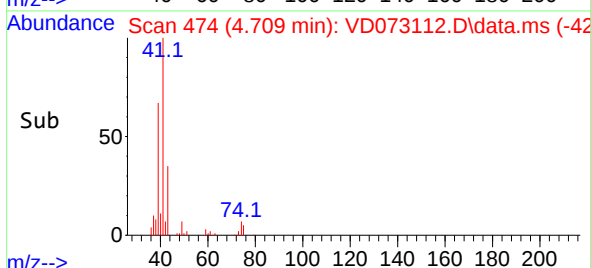
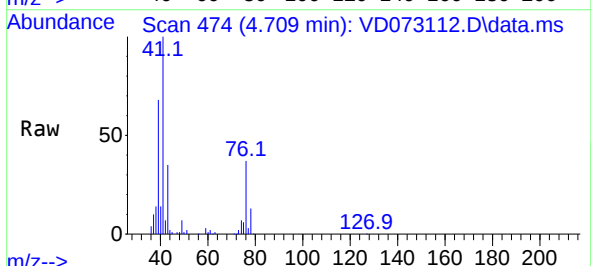
Manual Integrations
APPROVED

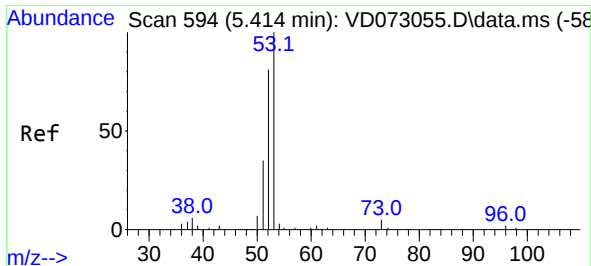
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#14
Allyl chloride
Concen: 42.539 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

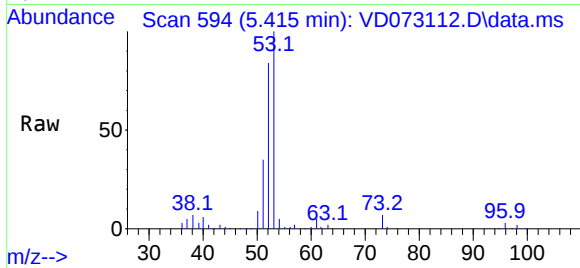
Tgt Ion: 41 Resp: 252803
Ion Ratio Lower Upper
41 100
39 68.0 59.3 88.9
76 37.2 25.7 38.5





#15
Acrylonitrile
Concen: 213.182 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

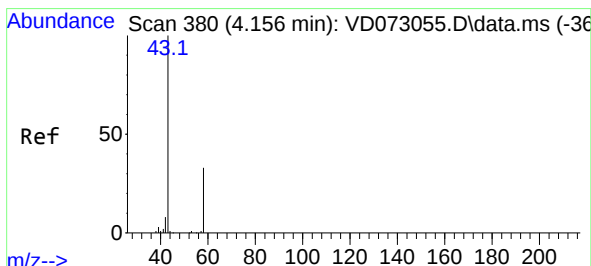
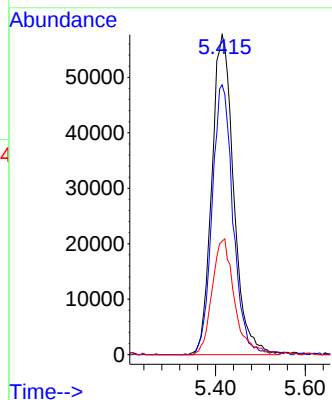
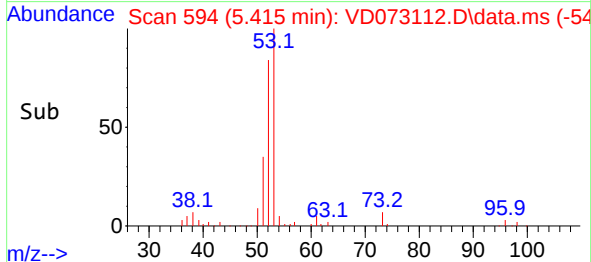
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



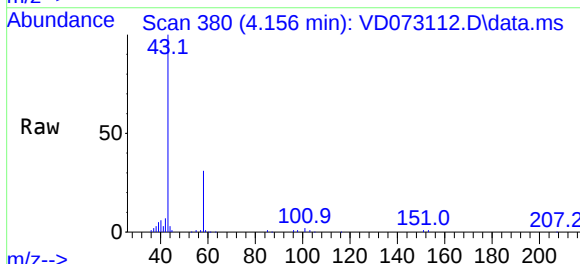
Tgt Ion: 53 Resp: 195839
Ion Ratio Lower Upper
53 100
52 80.5 67.2 100.8
51 36.9 30.3 45.5

Manual Integrations
APPROVED

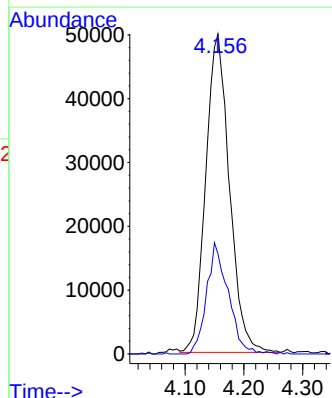
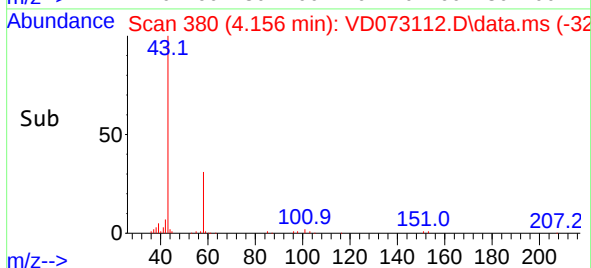
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

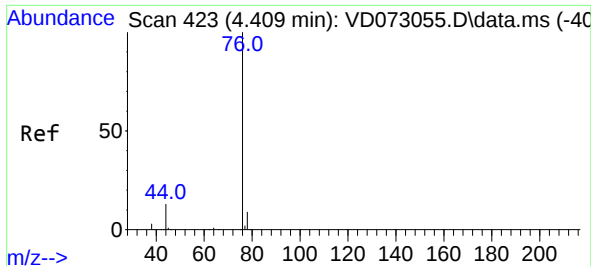


#16
Acetone
Concen: 190.717 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



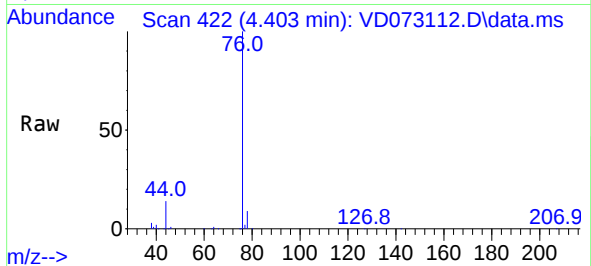
Tgt Ion: 43 Resp: 139350
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1





#17
Carbon Disulfide
Concen: 39.834 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

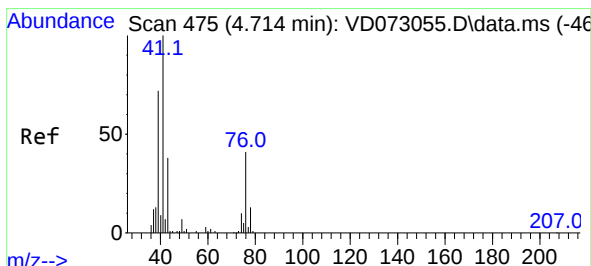
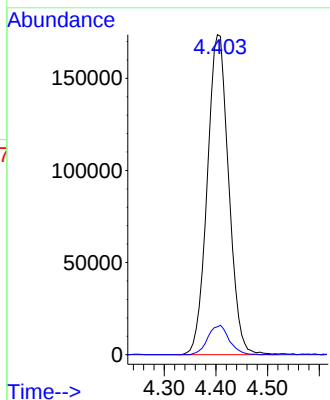
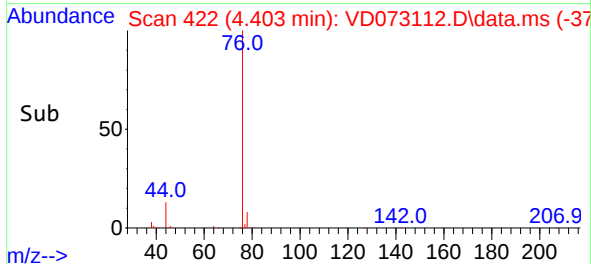
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 50044
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

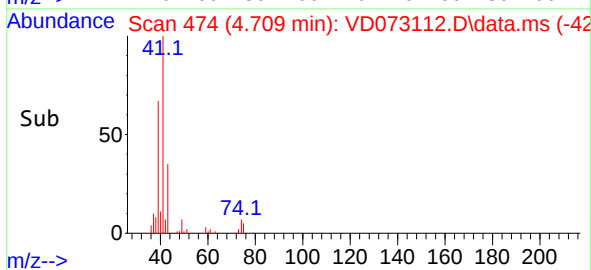
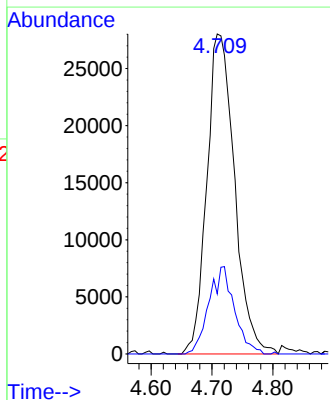
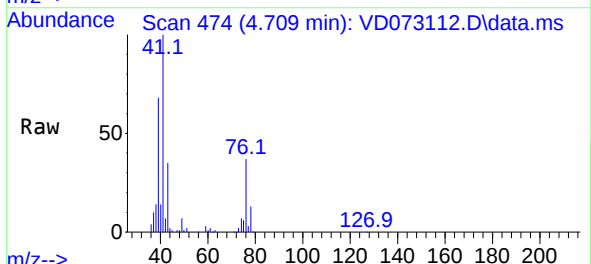
Manual Integrations
APPROVED

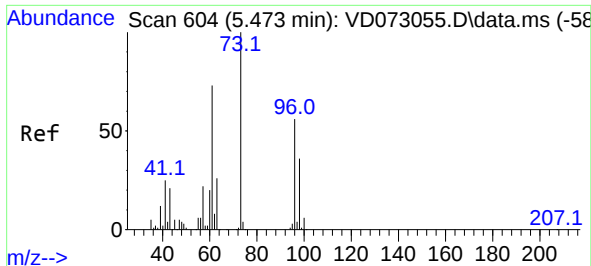
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#18
Methyl Acetate
Concen: 40.409 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

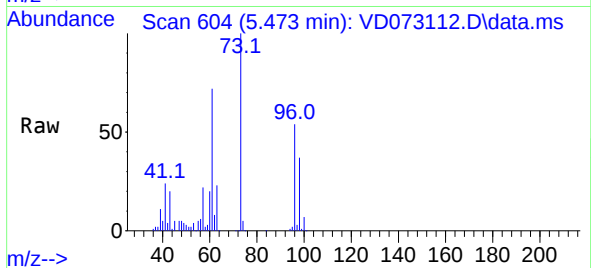
Tgt Ion: 43 Resp: 88521
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 43.197 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

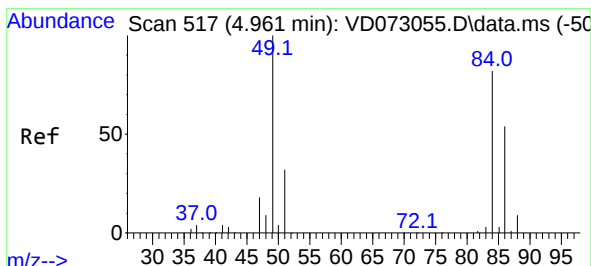
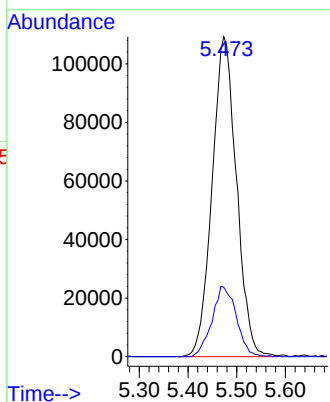
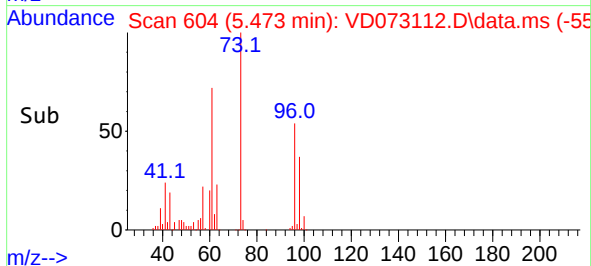
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



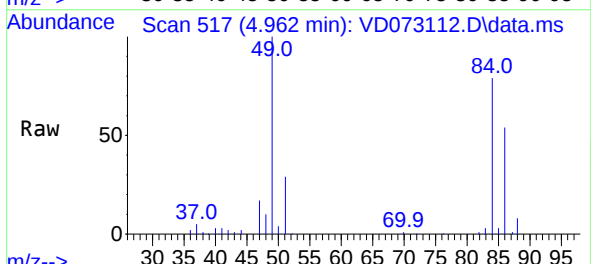
Tgt Ion: 73 Resp: 378932
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

Manual Integrations
APPROVED

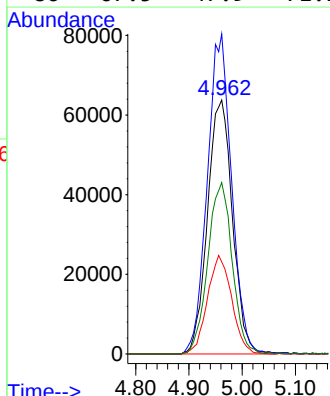
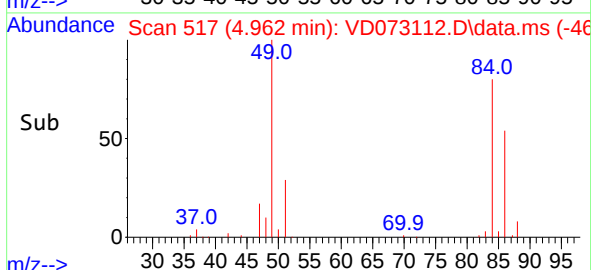
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

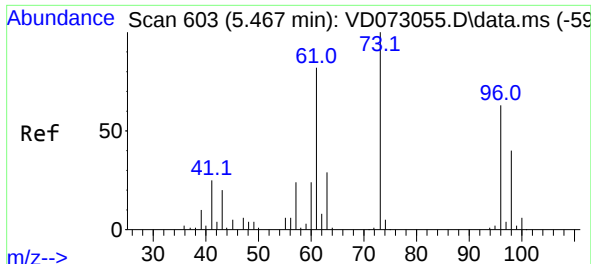


#20
Methylene Chloride
Concen: 39.339 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 84 Resp: 208619
Ion Ratio Lower Upper
84 100
49 126.0 112.8 169.2
51 36.2 32.6 48.8
86 67.5 47.9 71.9





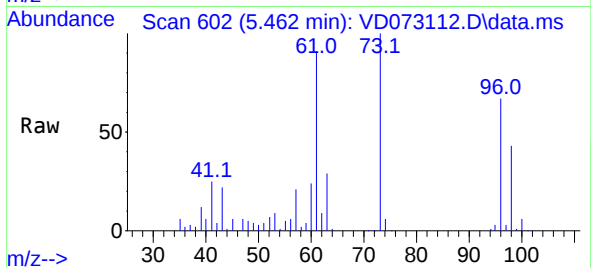
#21
trans-1,2-Dichloroethene
Concen: 41.761 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



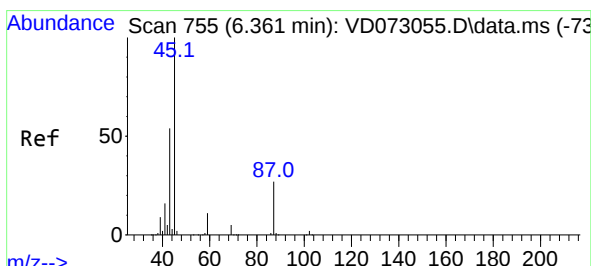
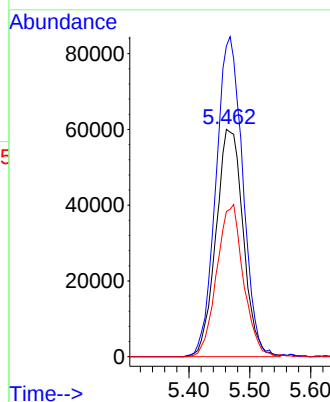
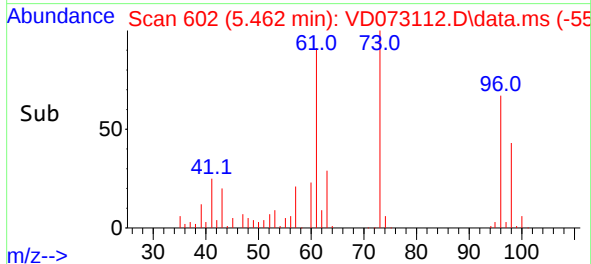
Tgt Ion: 96 Resp: 186334
Ion Ratio Lower Upper
96 100
61 136.7 117.9 176.9
98 63.9 49.4 74.2

Manual Integrations

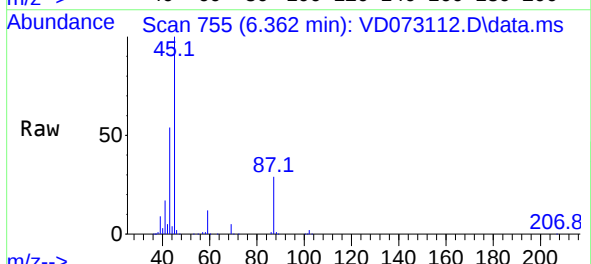
APPROVED

Reviewed By :John Carlone 05/19/2022

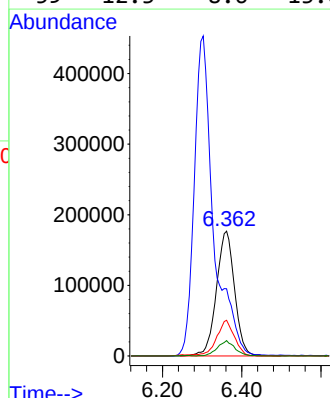
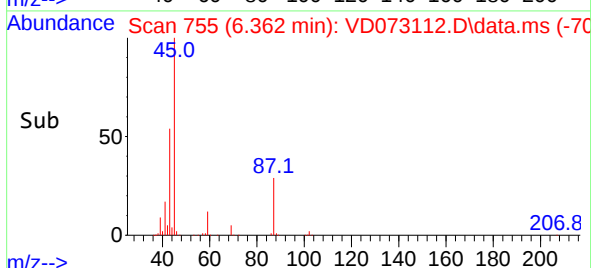
Supervised By :Mahesh Dadoda 05/24/2022

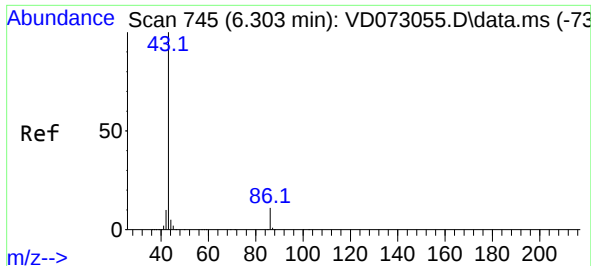


#22
Diisopropyl ether
Concen: 44.131 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



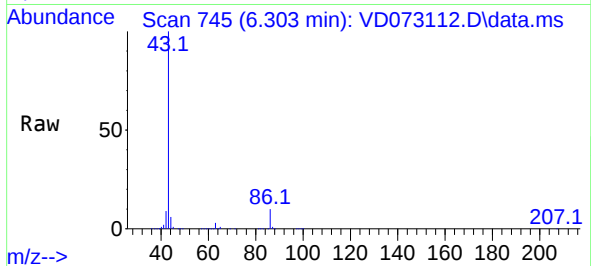
Tgt Ion: 45 Resp: 562929
Ion Ratio Lower Upper
45 100
43 53.0 46.6 70.0
87 28.6 18.4 27.6#
59 12.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 222.219 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073112.D
 Acq: 18 May 2022 22:28

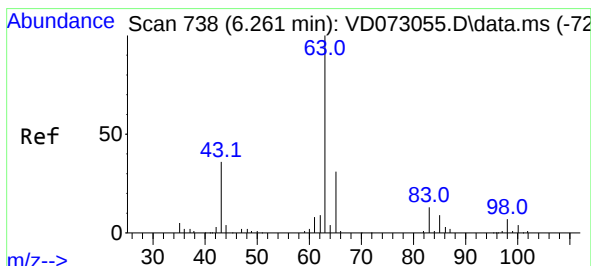
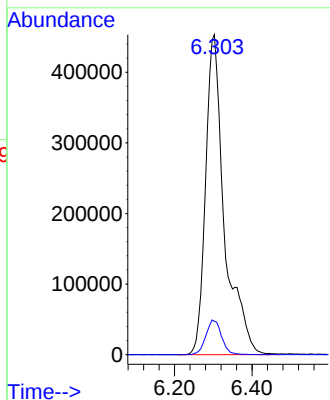
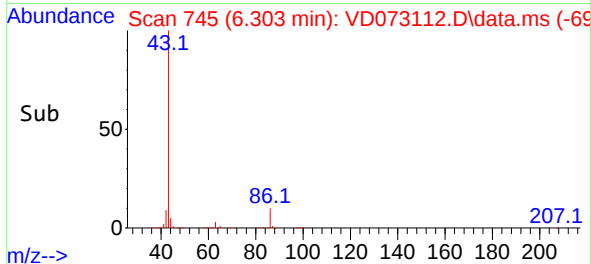
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



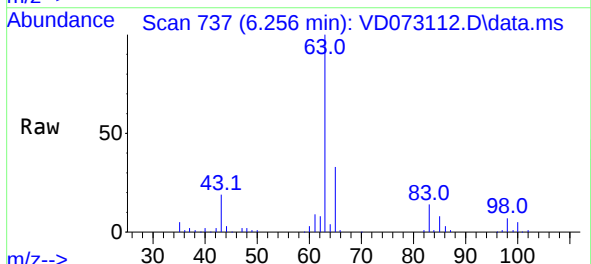
Tgt Ion: 43 Resp: 1531330
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
 APPROVED

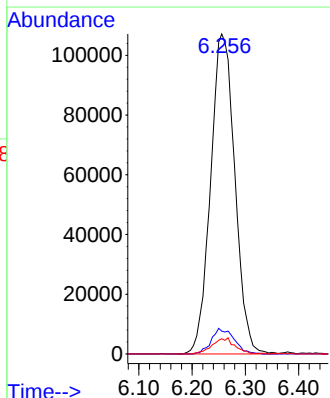
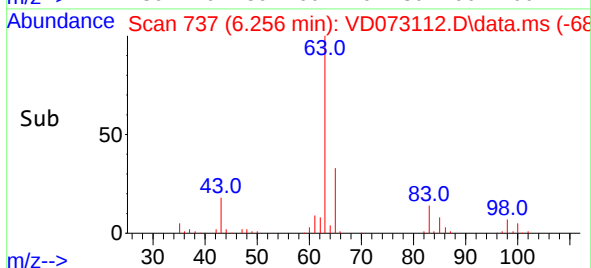
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

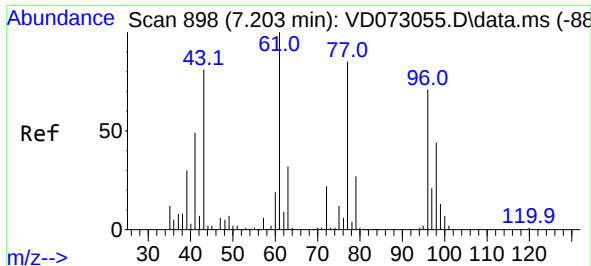


#24
 1,1-Dichloroethane
 Concen: 42.770 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073112.D
 Acq: 18 May 2022 22:28



Tgt Ion: 63 Resp: 339416
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.1 6.5





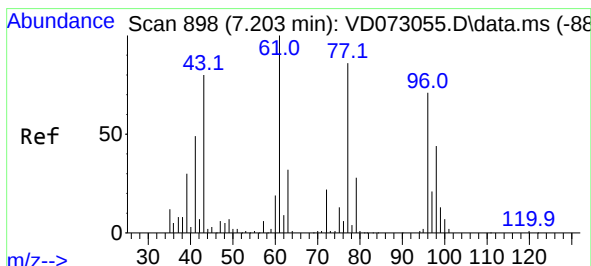
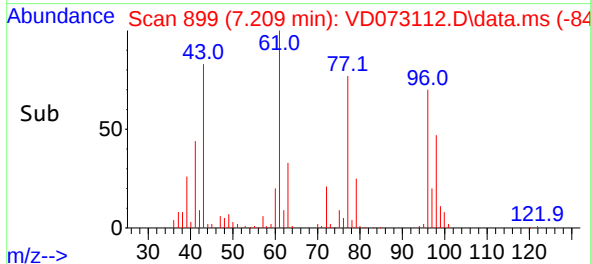
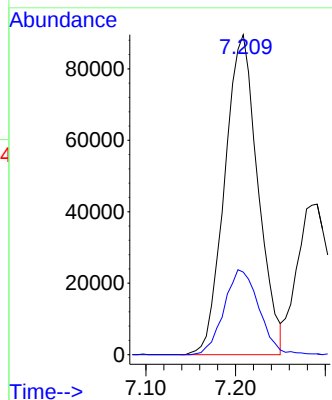
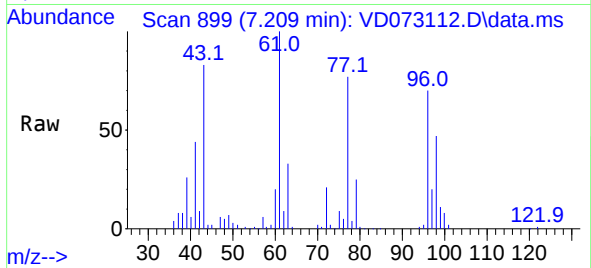
#25
2-Butanone
Concen: 208.548 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 230740
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8

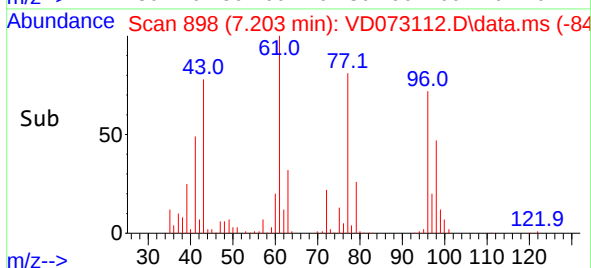
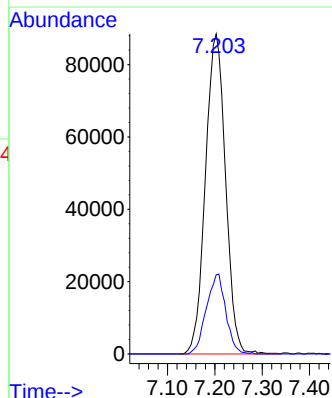
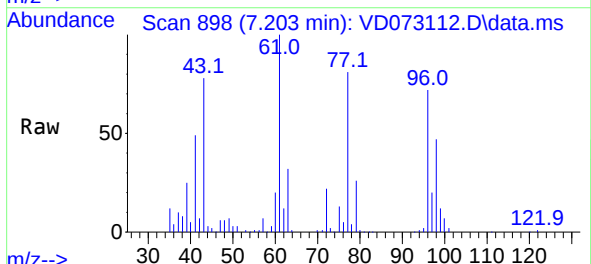
Manual Integrations
APPROVED

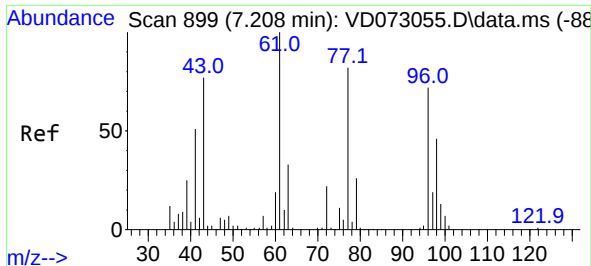
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 38.780 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Tgt Ion: 77 Resp: 260550
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4





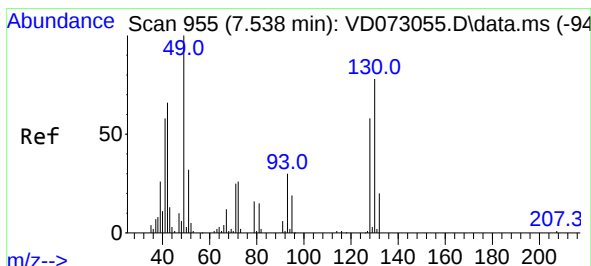
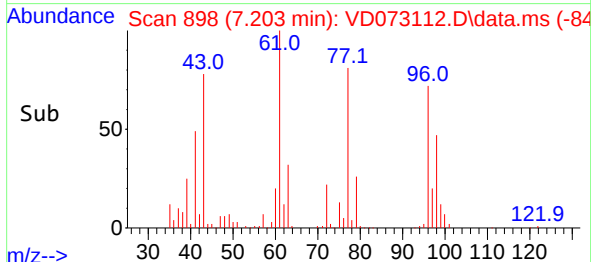
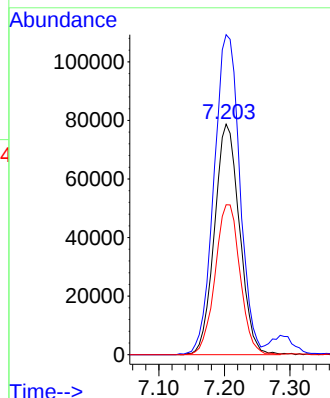
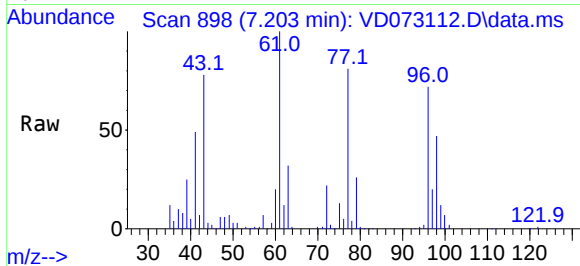
#27
cis-1,2-Dichloroethene
Concen: 42.410 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 208670
Ion Ratio Lower Upper
96 100
61 142.8 0.0 313.8
98 64.8 0.0 128.8

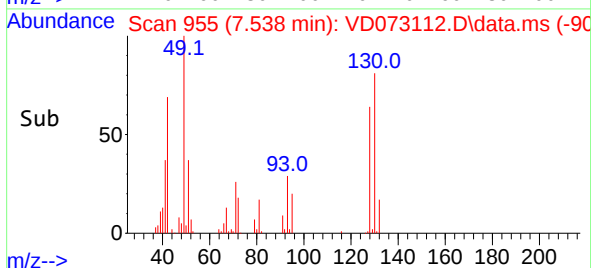
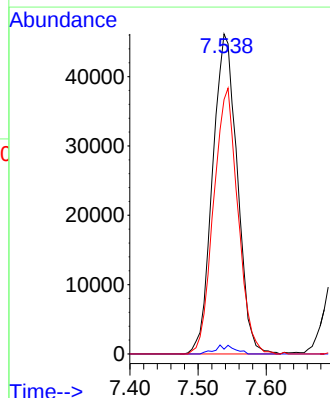
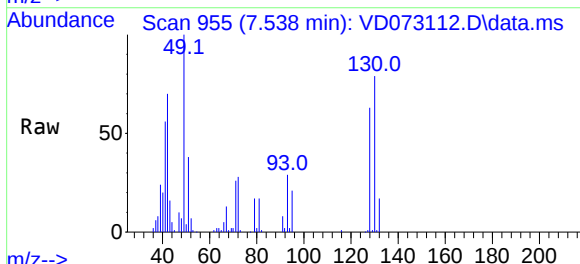
Manual Integrations
APPROVED

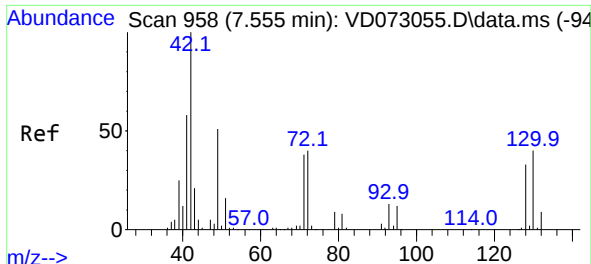
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 42.797 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

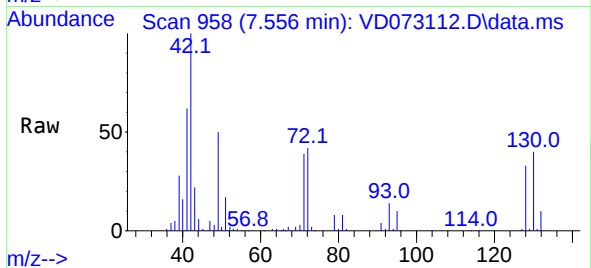
Tgt Ion: 49 Resp: 116339
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 81.8 52.6 79.0#





#29
Tetrahydrofuran
Concen: 219.351 ug/l
RT: 7.556 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

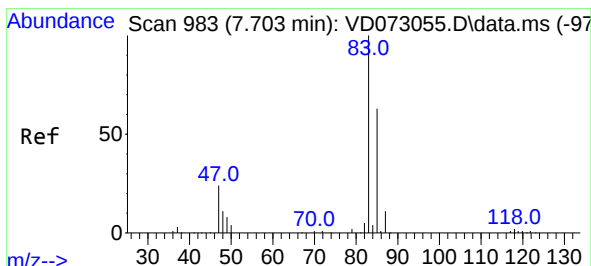
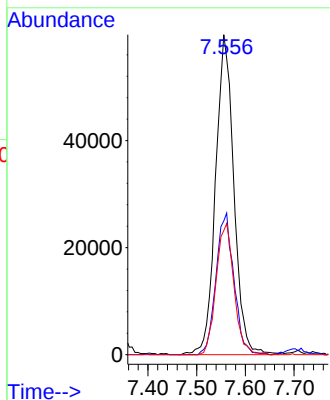
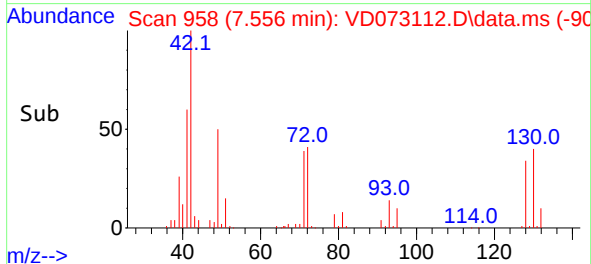
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



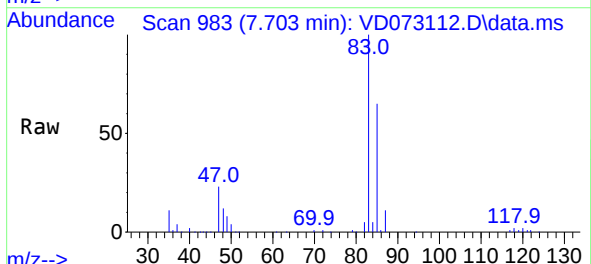
Tgt Ion: 42 Resp: 156160
Ion Ratio Lower Upper
42 100
72 43.3 30.7 46.1
71 40.1 28.6 43.0

Manual Integrations
APPROVED

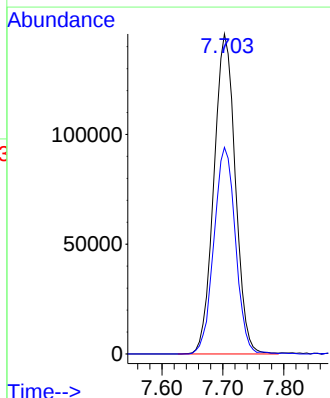
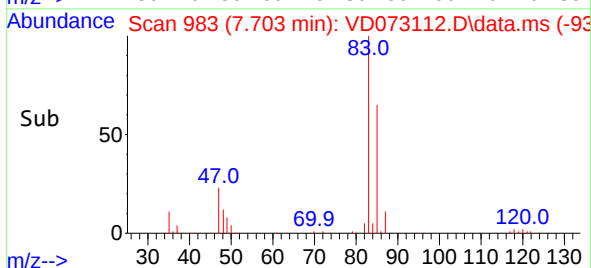
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

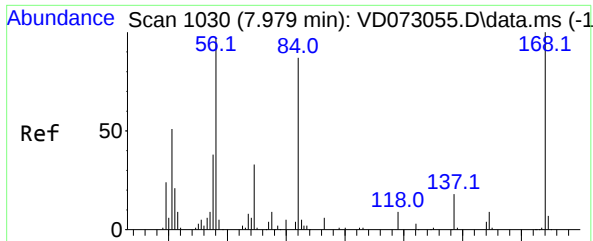


#30
Chloroform
Concen: 42.005 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



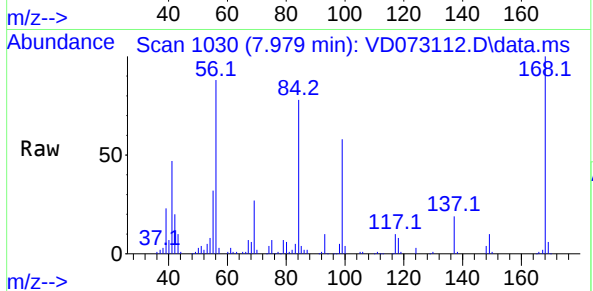
Tgt Ion: 83 Resp: 356675
Ion Ratio Lower Upper
83 100
85 64.6 52.7 79.1





#31
Cyclohexane
Concen: 38.003 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

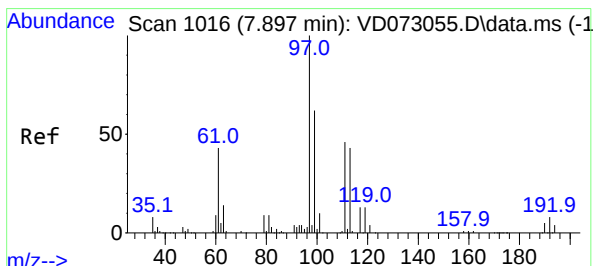
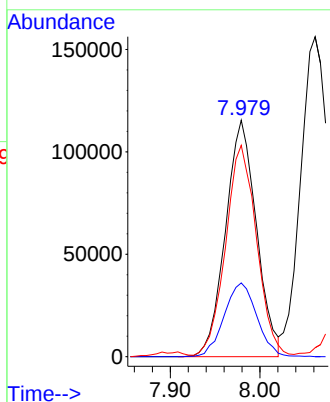
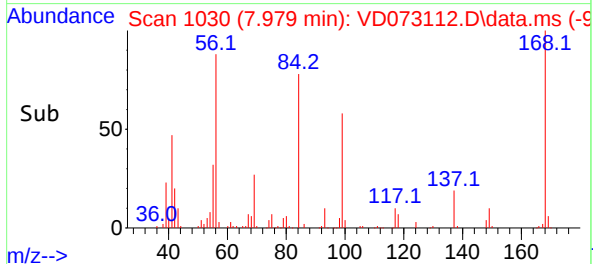
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



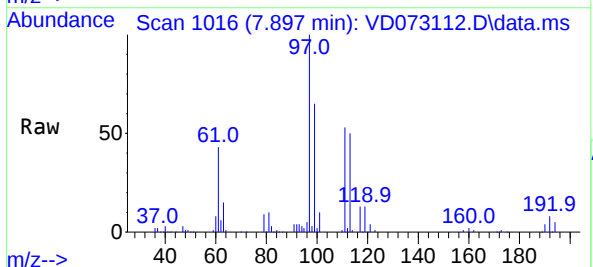
Tgt Ion: 56 Resp: 276384
Ion Ratio Lower Upper
56 100
69 30.8 25.4 38.2
84 87.3 63.0 94.4

Manual Integrations
APPROVED

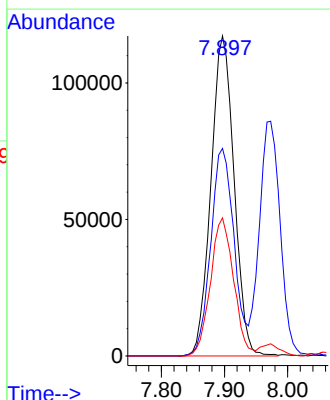
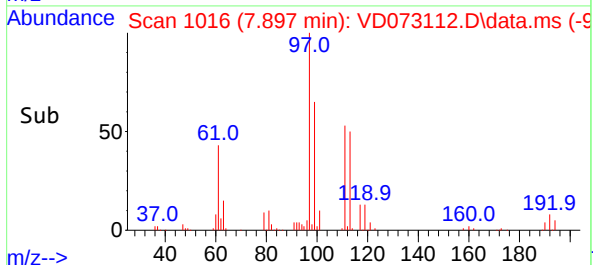
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

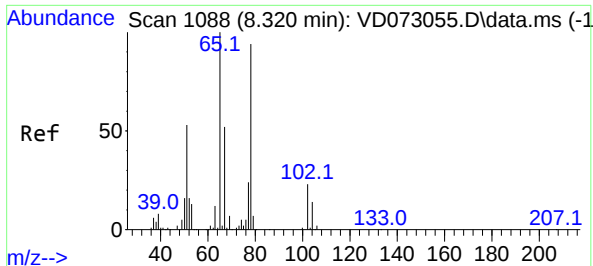


#32
1,1,1-Trichloroethane
Concen: 41.006 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



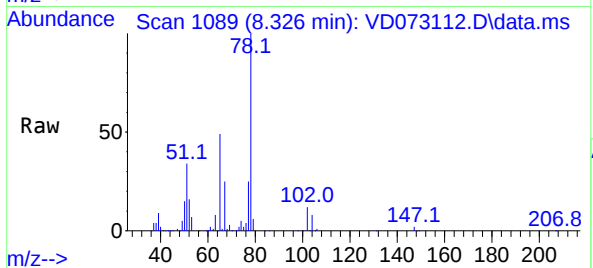
Tgt Ion: 97 Resp: 298301
Ion Ratio Lower Upper
97 100
99 66.0 52.4 78.6
61 43.3 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 44.616 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

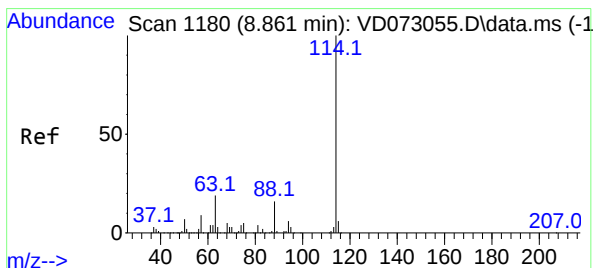
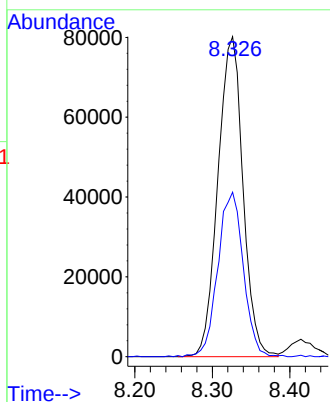
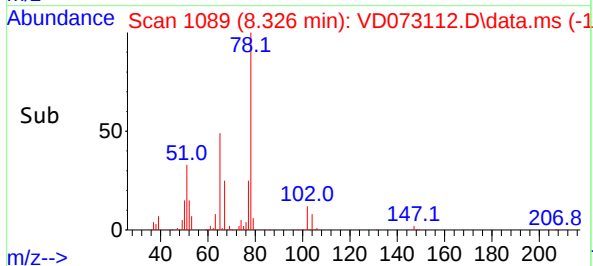
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



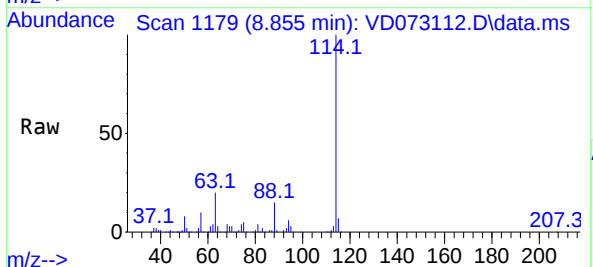
Tgt Ion: 65 Resp: 18014
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

Manual Integrations
APPROVED

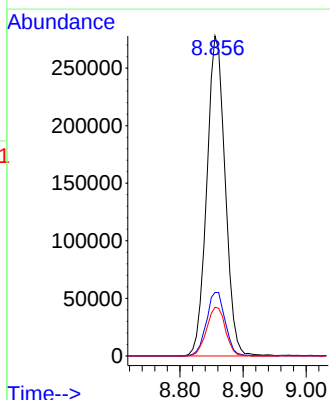
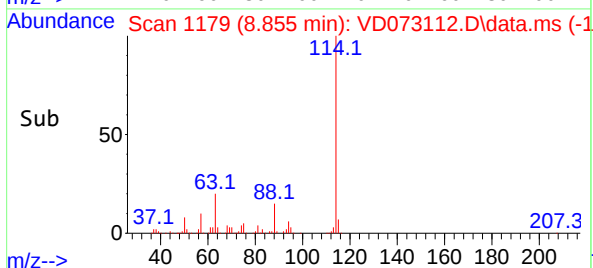
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

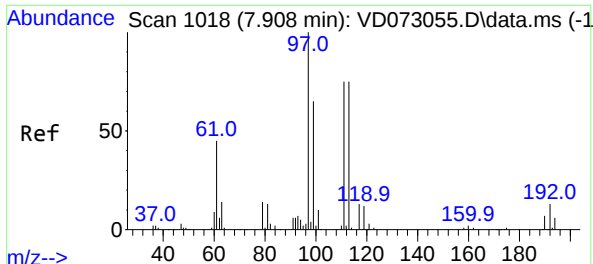


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



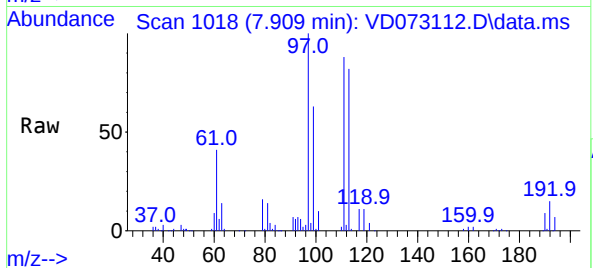
Tgt Ion:114 Resp: 560928
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 15.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 45.351 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

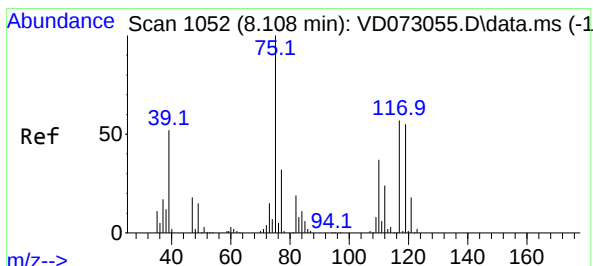
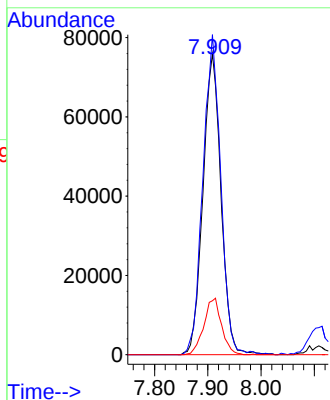
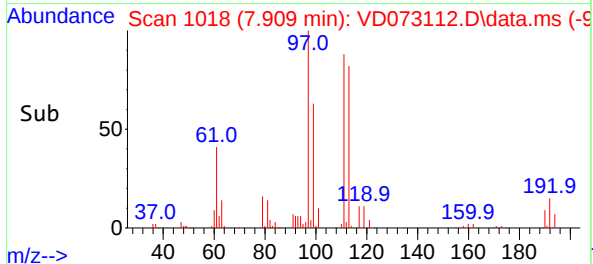
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



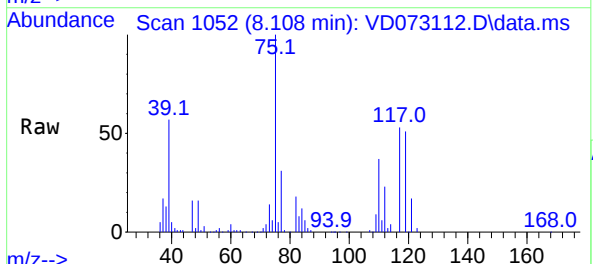
Tgt Ion: 113 Resp: 178609
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 18.4 14.6 21.8

Manual Integrations
APPROVED

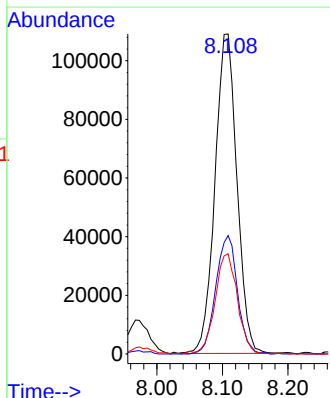
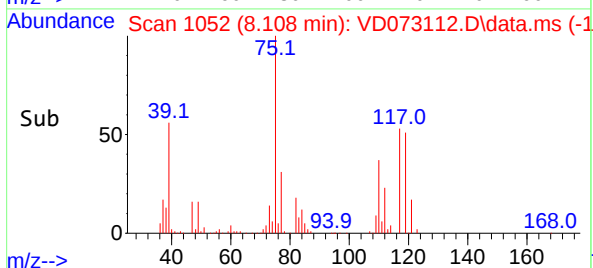
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

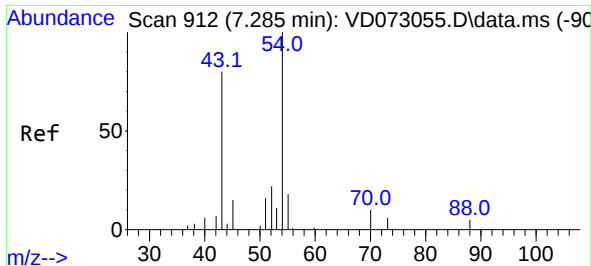


#36
1,1-Dichloropropene
Concen: 39.406 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 75 Resp: 252875
Ion Ratio Lower Upper
75 100
110 36.6 16.4 49.1
77 32.0 24.2 36.2





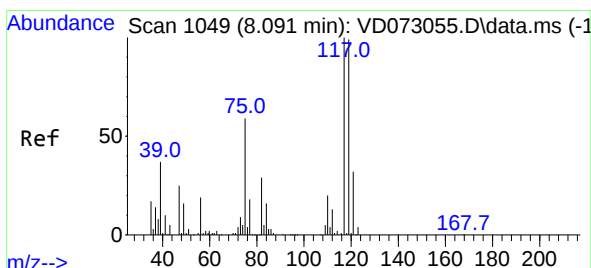
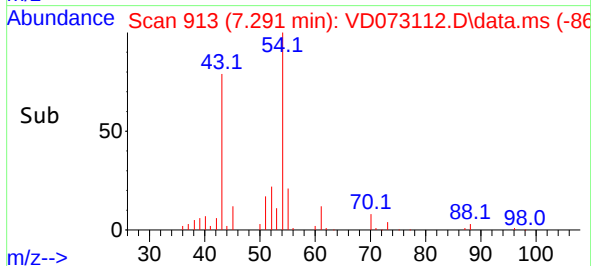
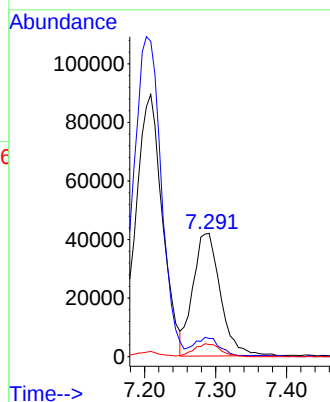
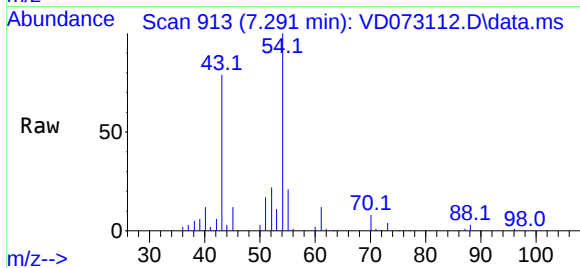
#37
Ethyl Acetate
Concen: 41.871 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 11284
Ion Ratio Lower Upper
43 100
61 13.0 9.8 14.8
70 10.2 6.9 10.3

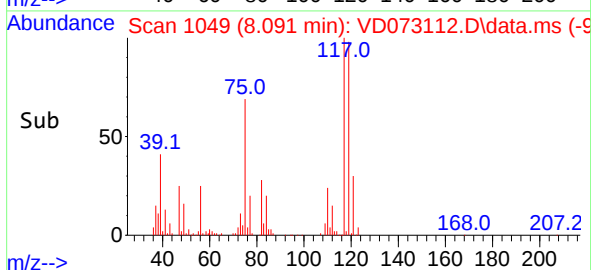
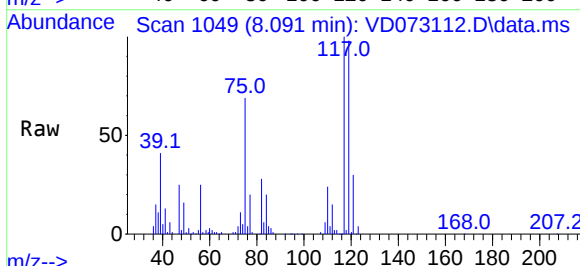
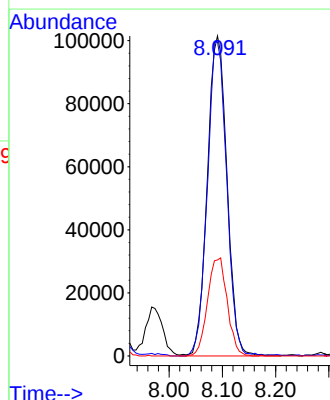
Manual Integrations
APPROVED

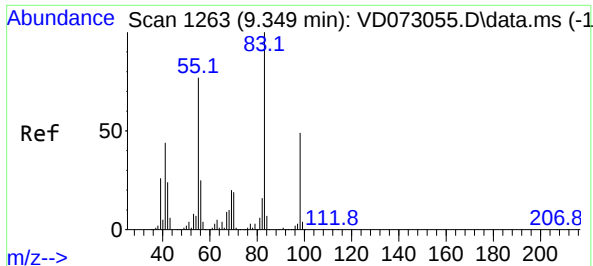
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 39.666 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Tgt Ion:117 Resp: 260420
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 37.760 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 282548

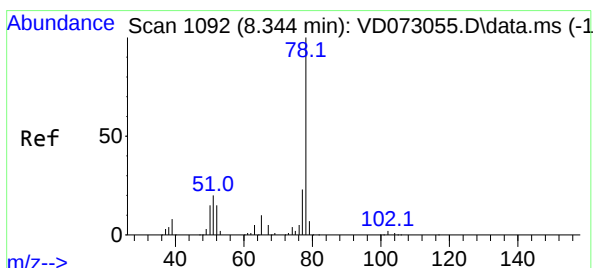
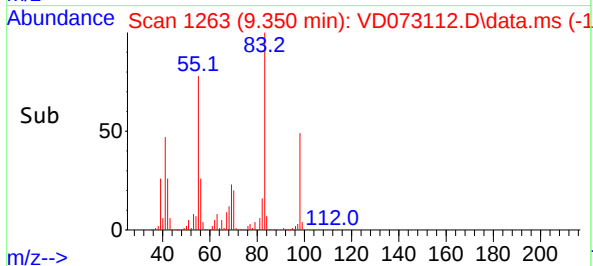
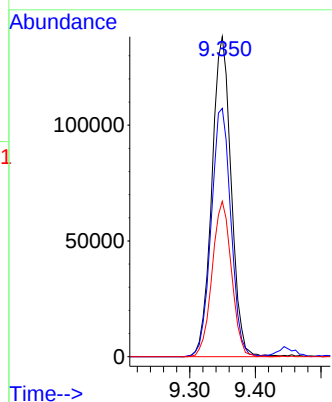
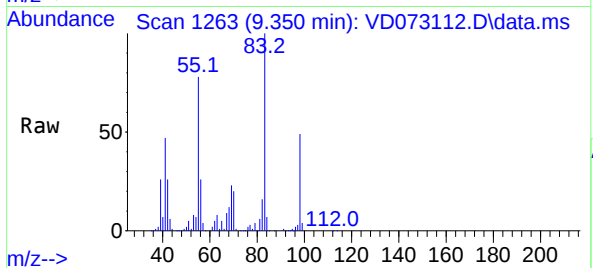
Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.2	94.8
98	48.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 41.775 ug/l

RT: 8.344 min Scan# 1092

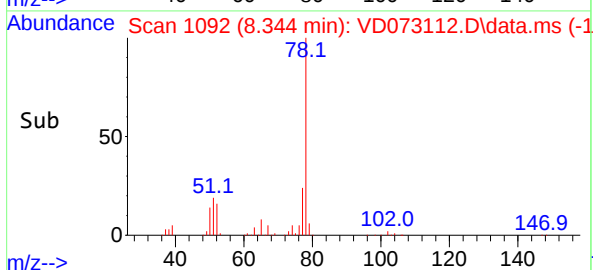
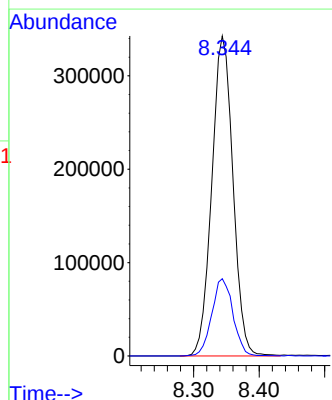
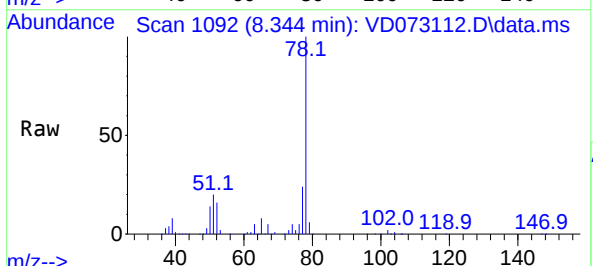
Delta R.T. 0.000 min

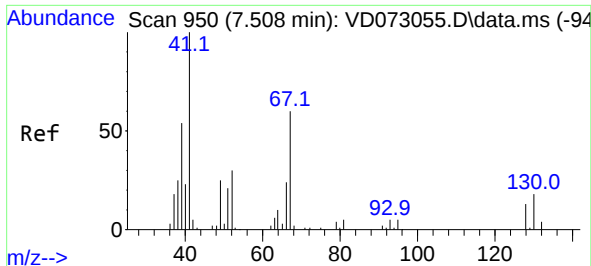
Lab File: VD073112.D

Acq: 18 May 2022 22:28

Tgt Ion: 78 Resp: 766526

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





#41
Methacrylonitrile
Concen: 43.096 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

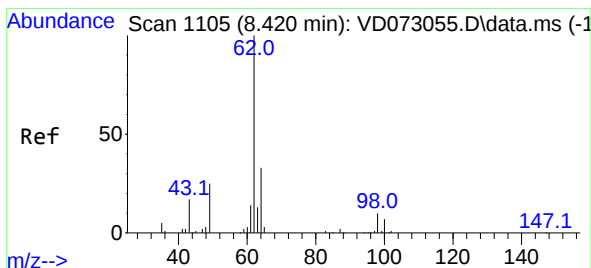
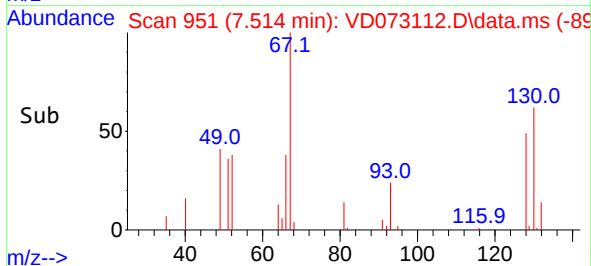
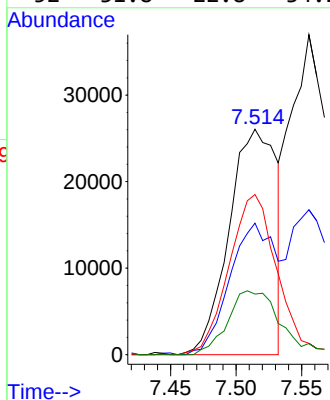
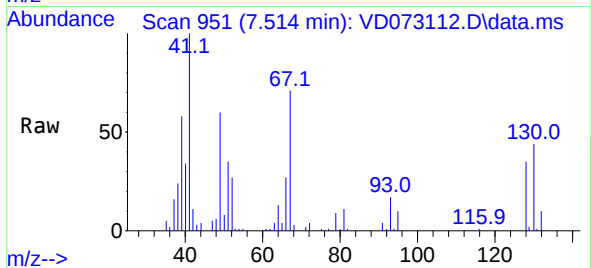
VSTDCCC050

Tgt Ion: 41 Resp: 65492
Ion Ratio Lower Upper
41 100
39 55.4 44.6 67.0
67 72.2 48.2 72.4
52 31.8 22.8 34.2

Manual Integrations

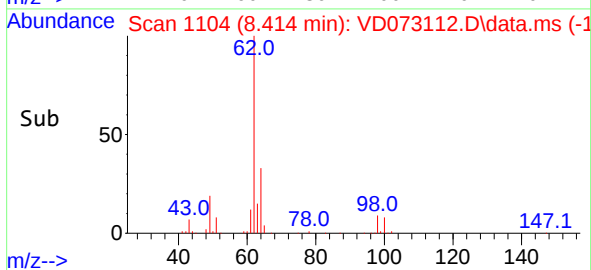
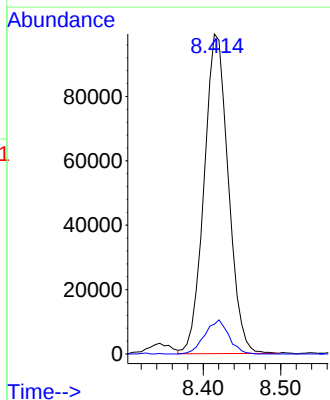
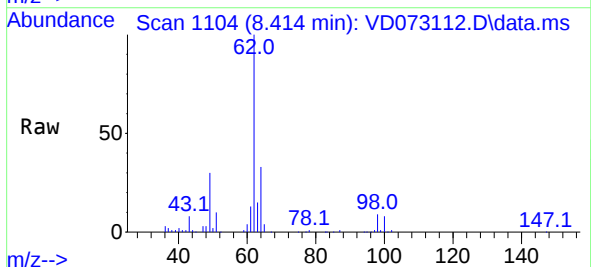
APPROVED

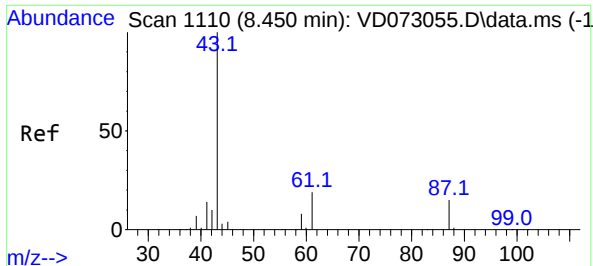
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 40.387 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

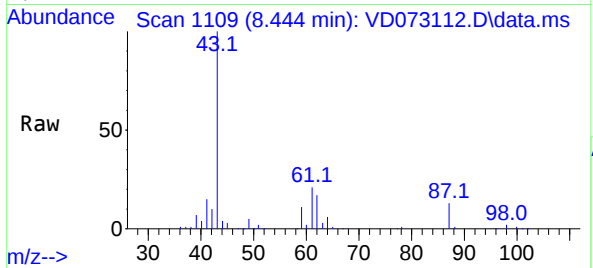
Tgt Ion: 62 Resp: 215698
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 41.858 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

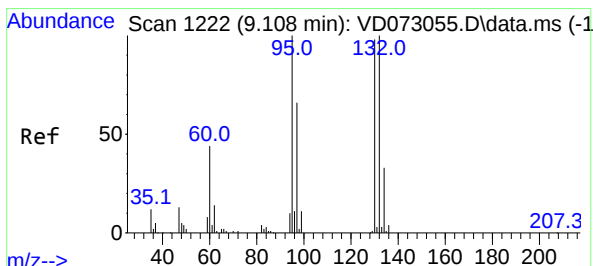
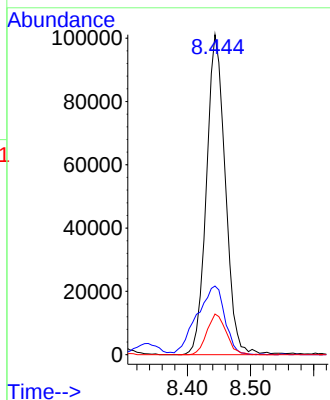
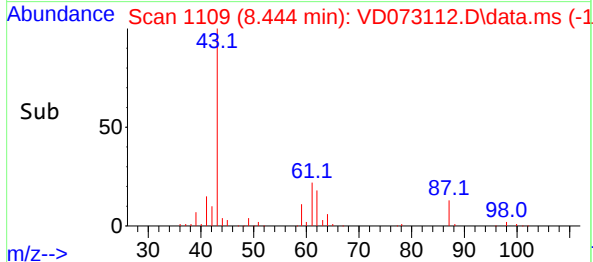
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



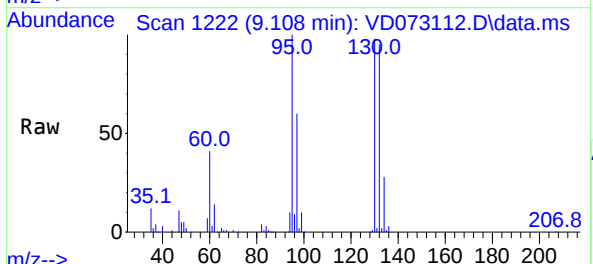
Tgt Ion: 43 Resp: 209734
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.1 8.7 13.1

Manual Integrations
APPROVED

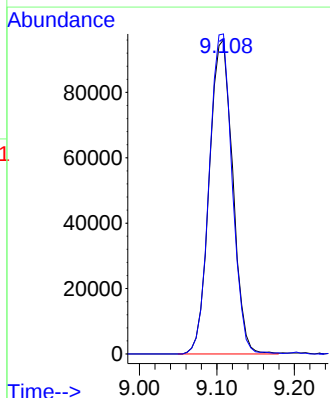
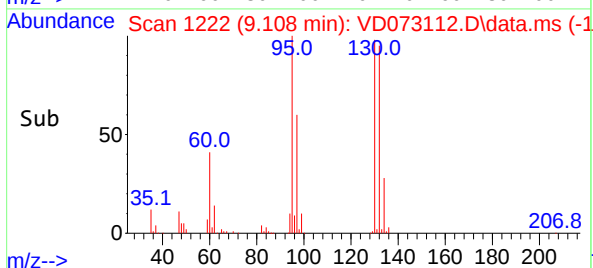
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

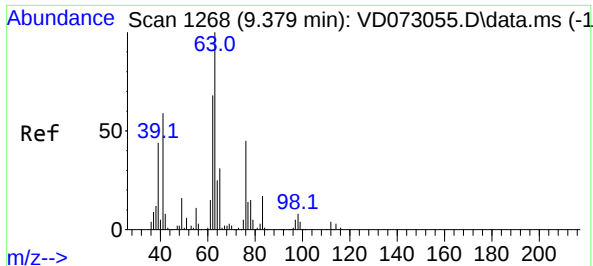


#44
Trichloroethene
Concen: 40.560 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion:130 Resp: 201301
Ion Ratio Lower Upper
130 100
95 101.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 40.569 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 19331

Ion Ratio Lower Upper

63 100

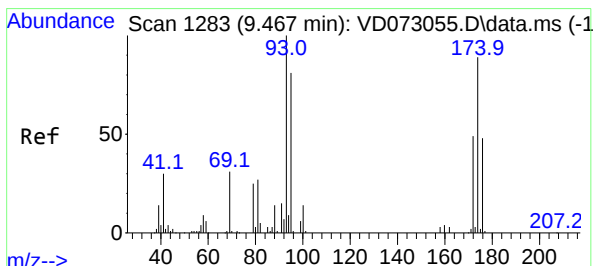
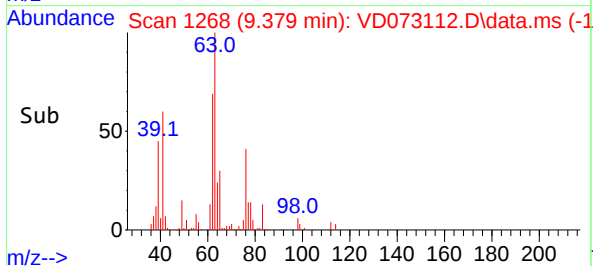
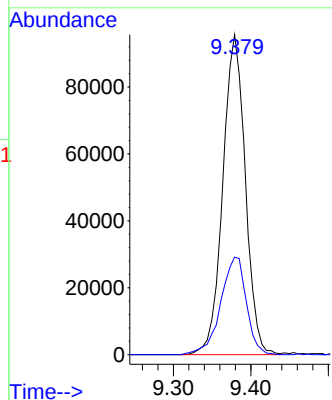
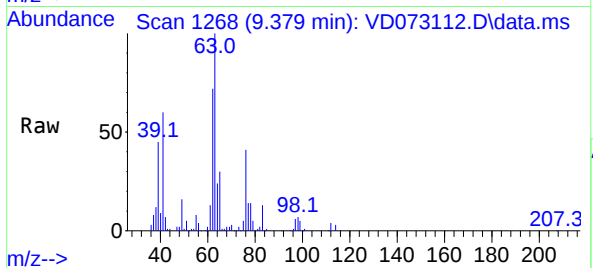
65 30.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 41.132 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

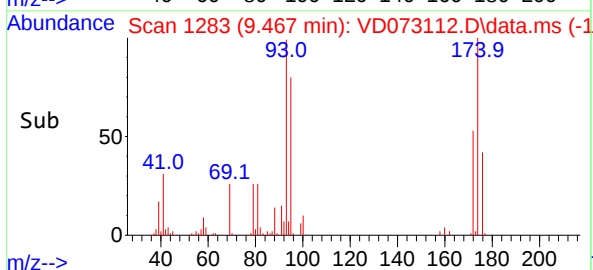
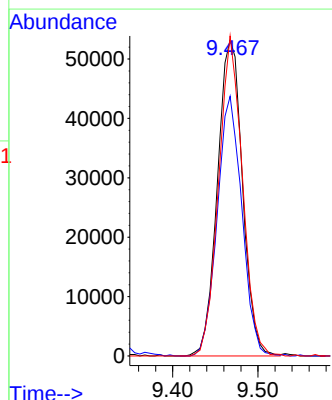
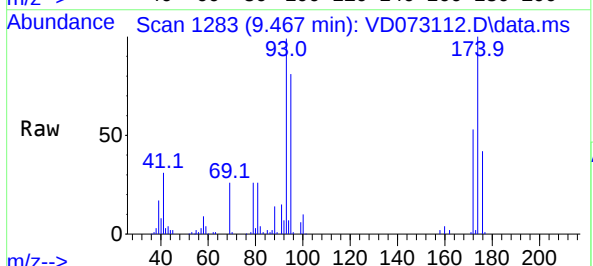
Tgt Ion: 93 Resp: 108376

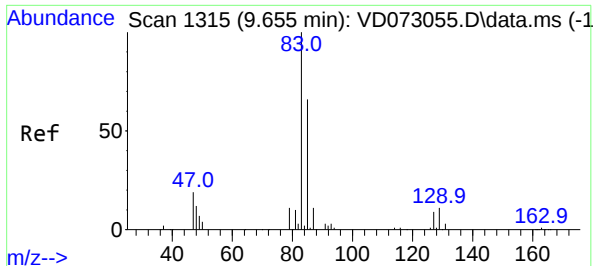
Ion Ratio Lower Upper

93 100

95 81.1 66.7 100.1

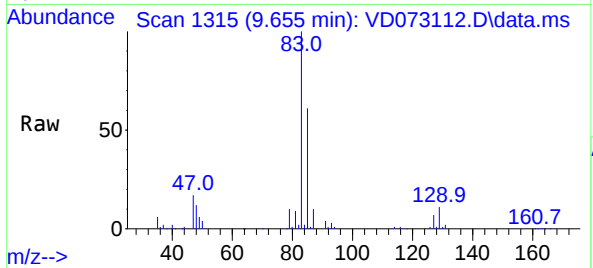
174 96.3 71.6 107.4





#47
Bromodichloromethane
Concen: 40.996 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

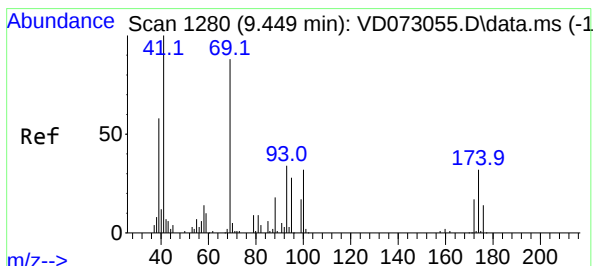
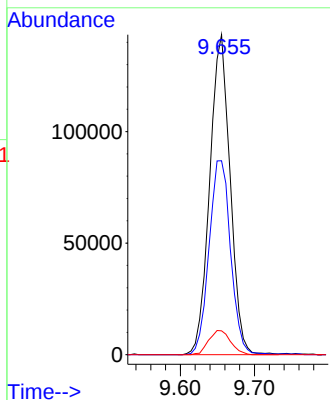
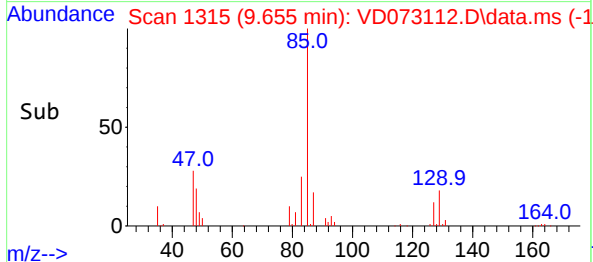
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



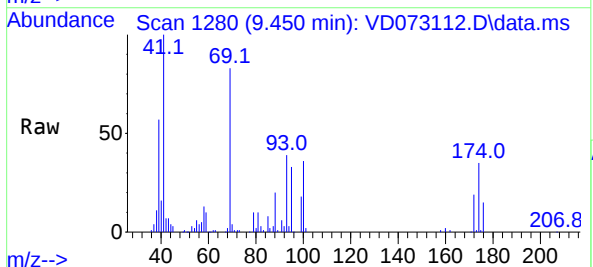
Tgt Ion: 83 Resp: 274348
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.0
127 7.4 6.1 9.1

Manual Integrations
APPROVED

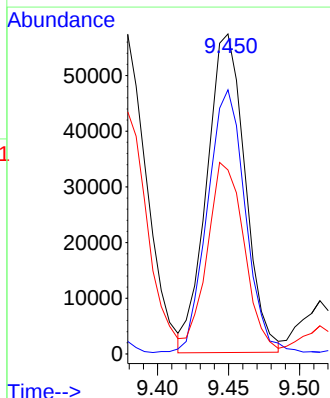
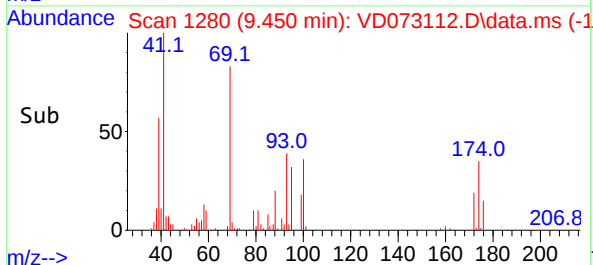
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

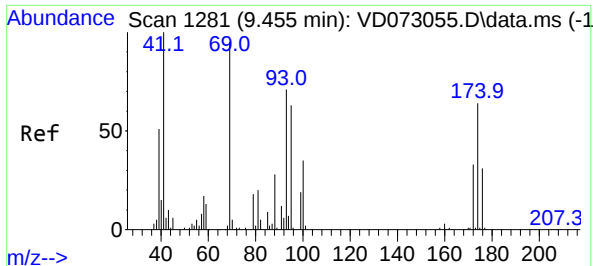


#48
Methyl methacrylate
Concen: 43.311 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 41 Resp: 107644
Ion Ratio Lower Upper
41 100
69 81.7 56.7 85.1
39 58.8 42.7 64.1





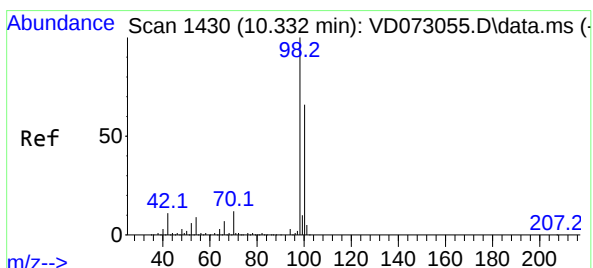
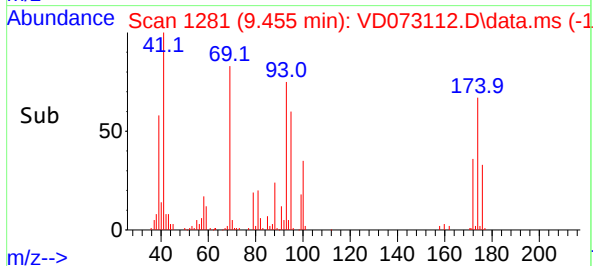
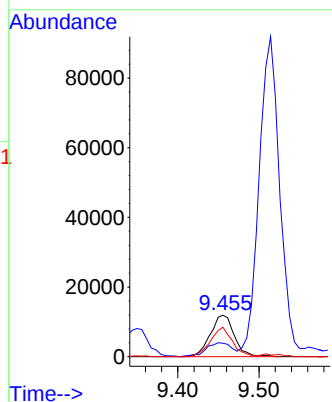
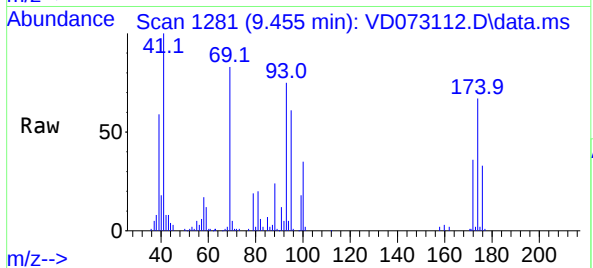
#49
1,4-Dioxane
Concen: 892.033 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 24470
Ion Ratio Lower Upper
88 100
43 36.3 31.0 46.4
58 65.0 58.1 87.1

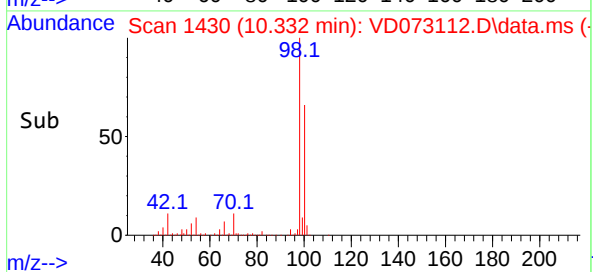
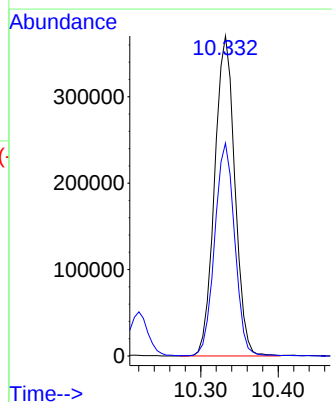
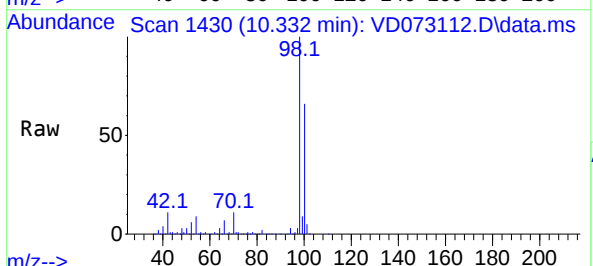
Manual Integrations
APPROVED

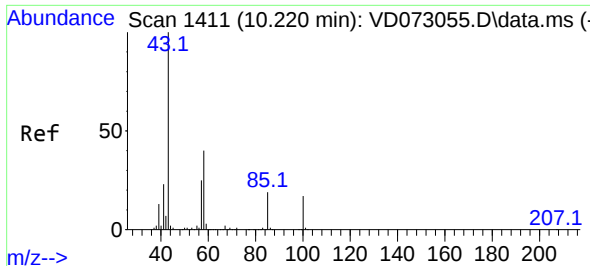
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 47.021 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

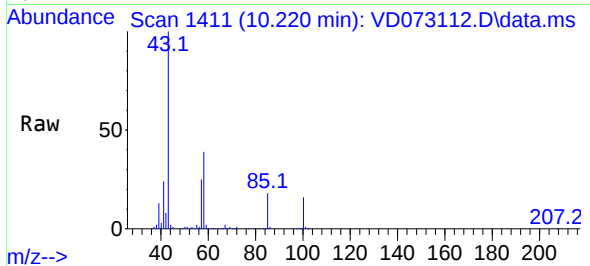
Tgt Ion: 98 Resp: 671818
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 214.462 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

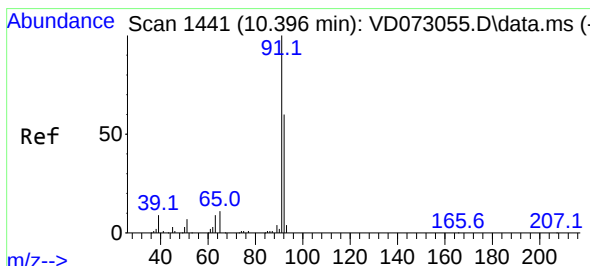
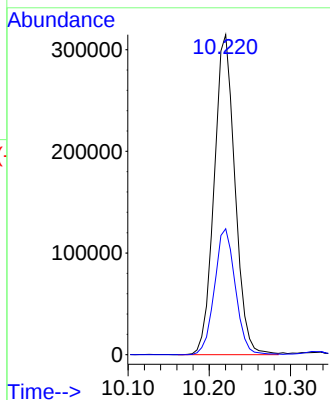
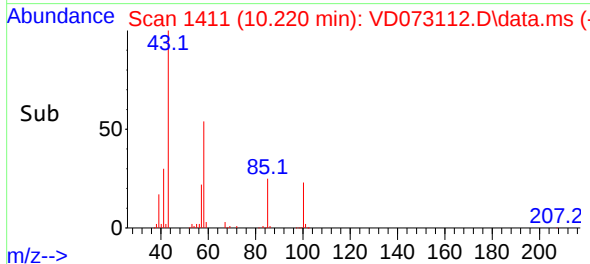
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



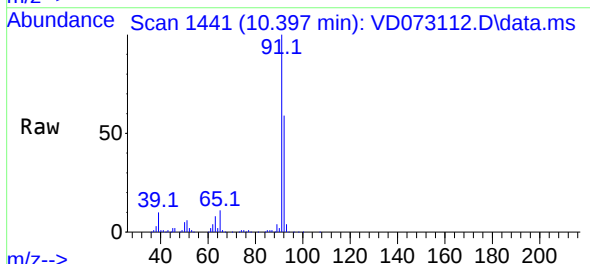
Tgt Ion: 43 Resp: 56078
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0

Manual Integrations
APPROVED

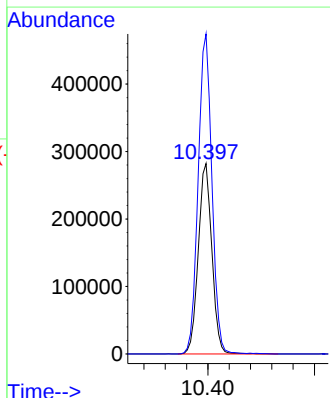
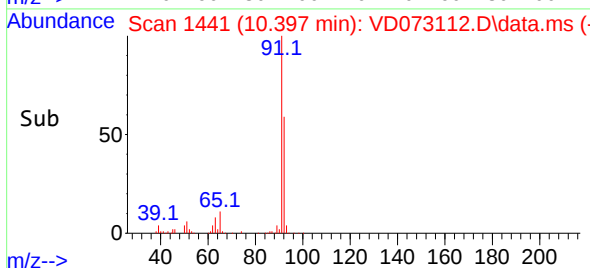
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

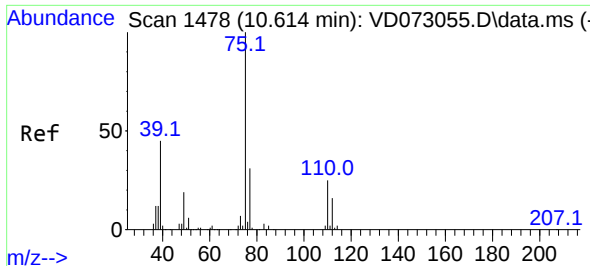


#52
Toluene
Concen: 42.838 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 92 Resp: 499040
Ion Ratio Lower Upper
92 100
91 169.7 139.6 209.4





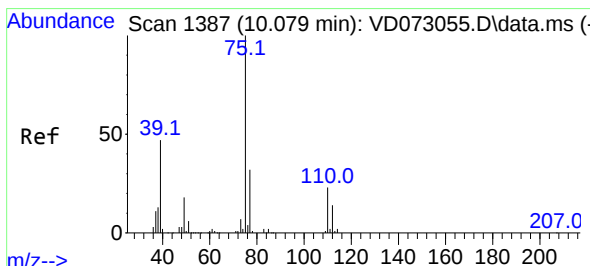
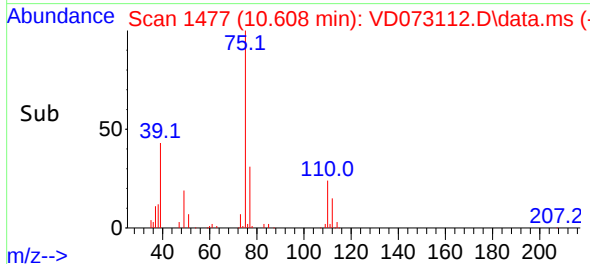
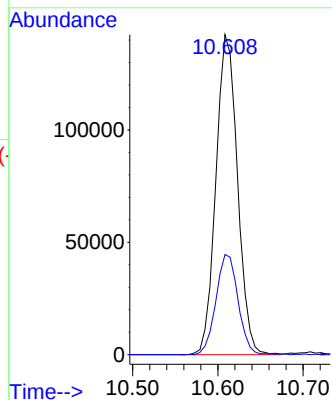
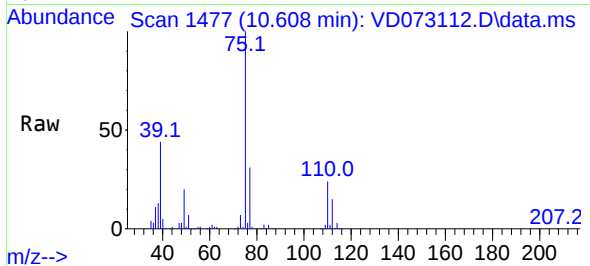
#53
t-1,3-Dichloropropene
Concen: 41.096 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25082
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7

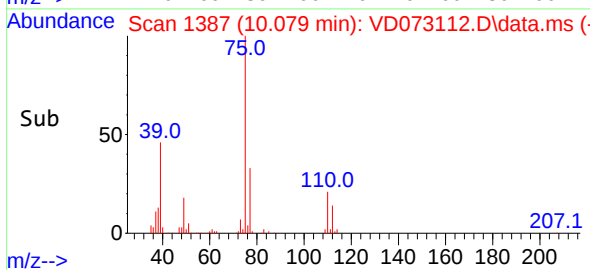
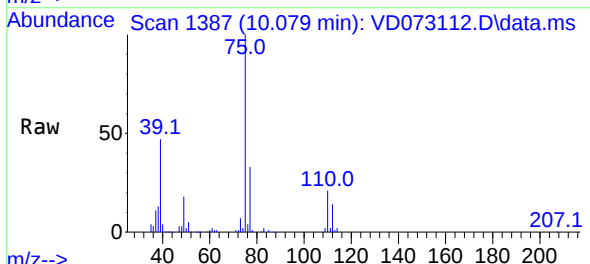
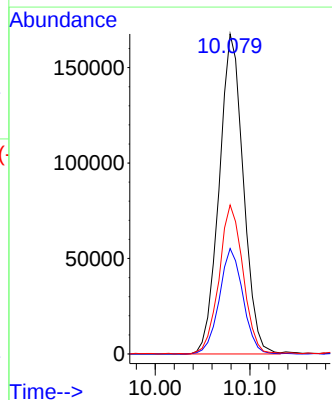
Manual Integrations
APPROVED

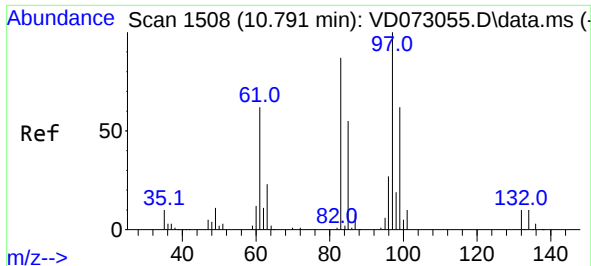
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#54
cis-1,3-Dichloropropene
Concen: 41.290 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

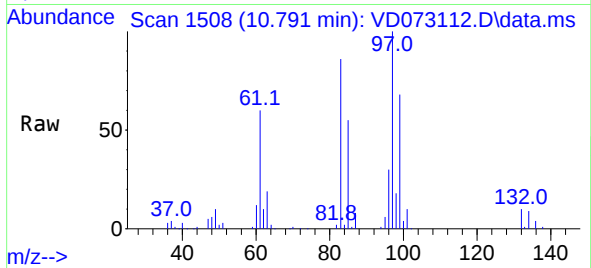
Tgt Ion: 75 Resp: 297123
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 46.4 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 40.696 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

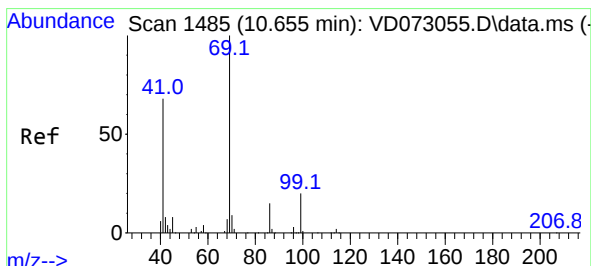
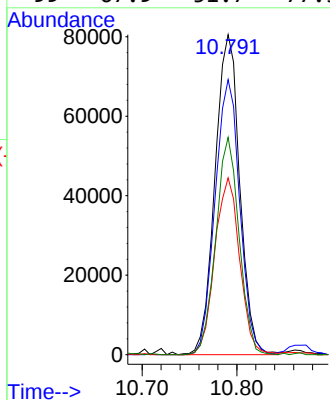
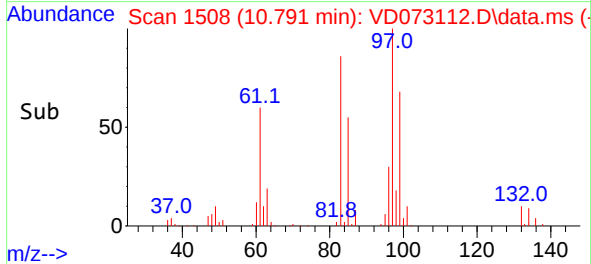
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



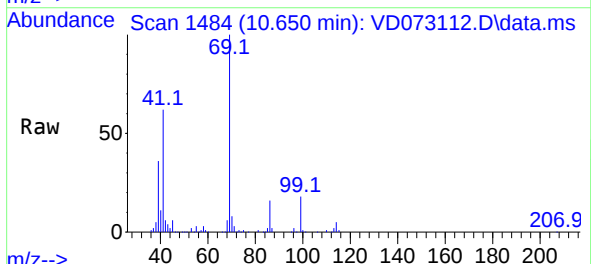
Tgt Ion: 97 Resp: 146358
Ion Ratio Lower Upper
97 100
83 85.9 69.0 103.4
85 55.3 42.6 63.8
99 67.9 51.7 77.5

Manual Integrations
APPROVED

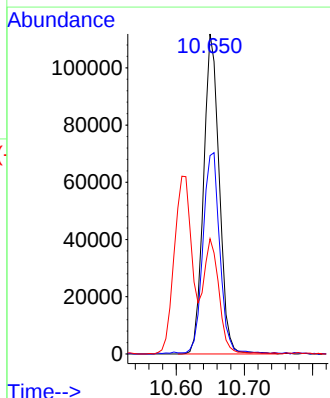
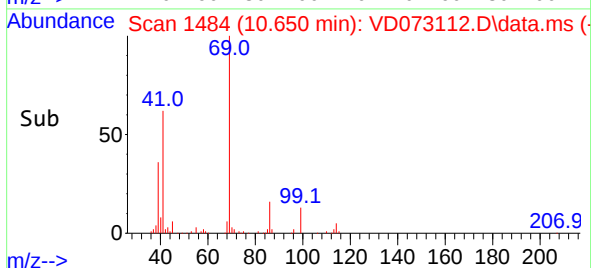
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

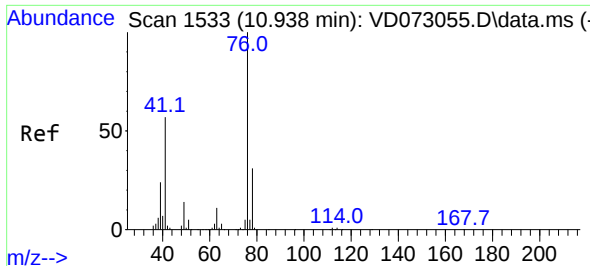


#56
Ethyl methacrylate
Concen: 44.050 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 69 Resp: 179163
Ion Ratio Lower Upper
69 100
41 67.2 63.0 94.6
39 35.4 33.8 50.8





#57

1,3-Dichloropropane

Concen: 41.200 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 252119

Ion Ratio Lower Upper

76 100

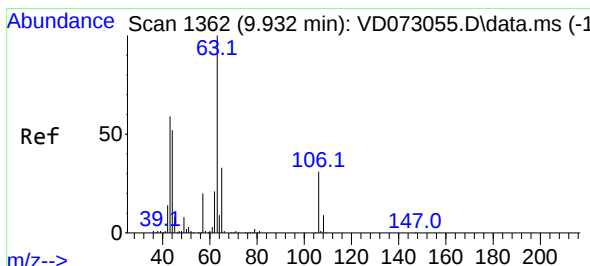
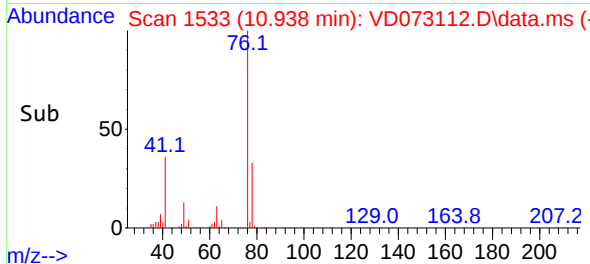
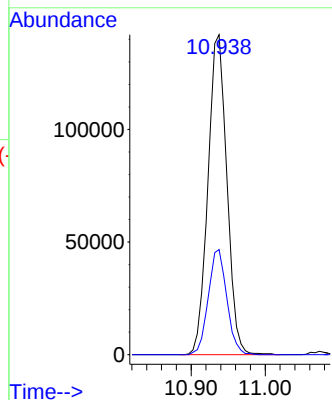
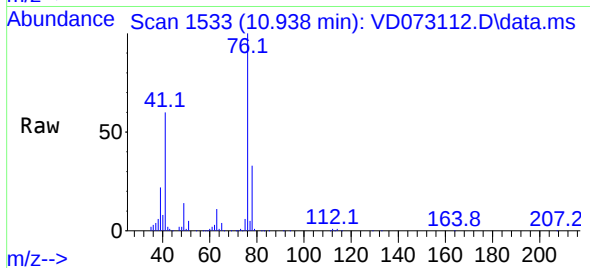
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 208.018 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073112.D

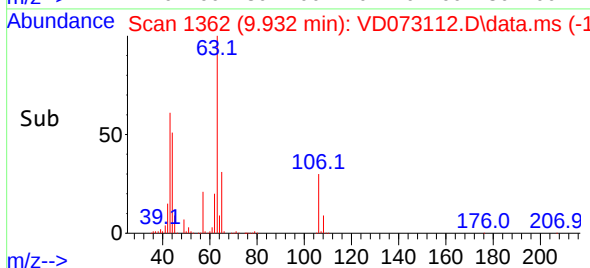
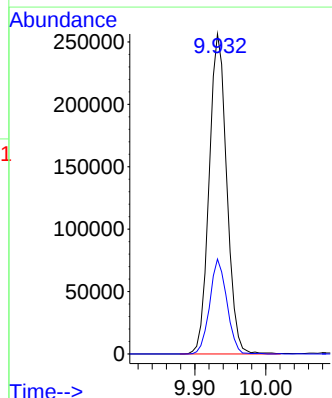
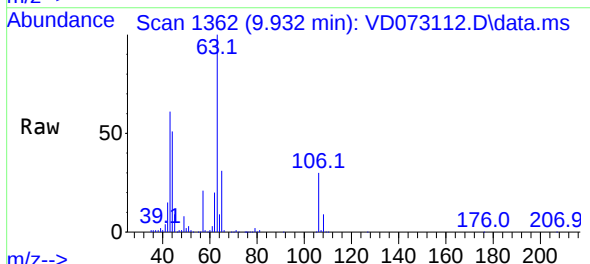
Acq: 18 May 2022 22:28

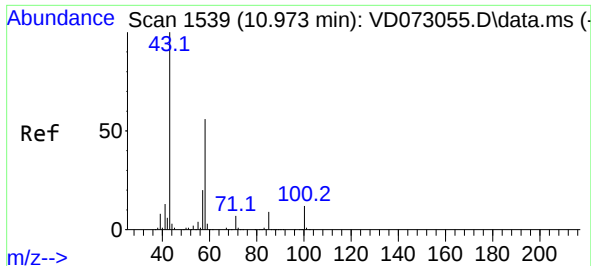
Tgt Ion: 63 Resp: 441420

Ion Ratio Lower Upper

63 100

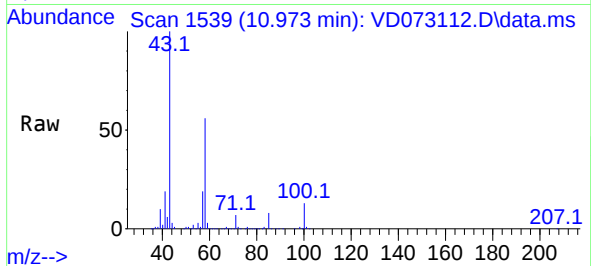
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 219.811 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

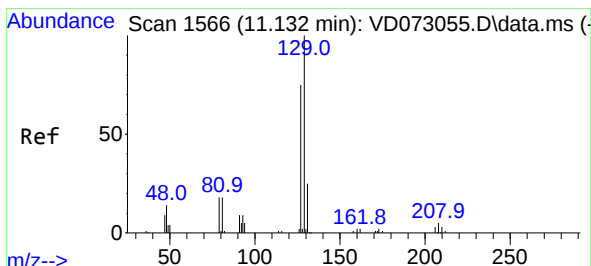
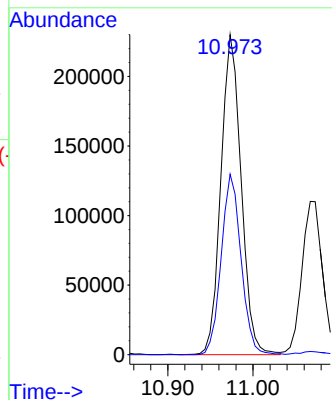
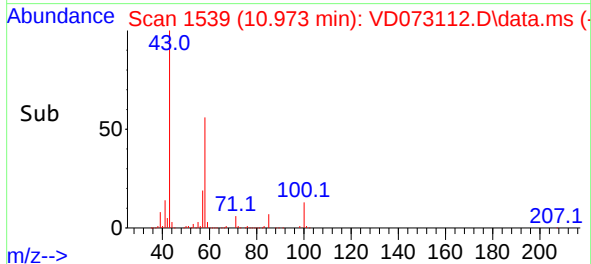
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



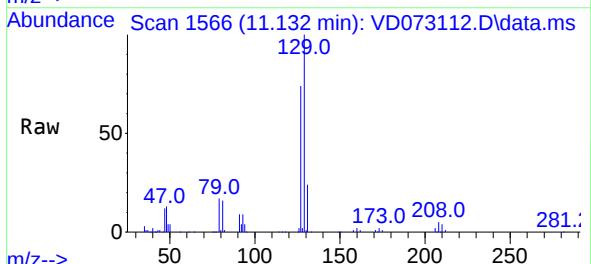
Tgt Ion: 43 Resp: 37968
Ion Ratio Lower Upper
43 100
58 55.2 25.3 75.9

Manual Integrations
APPROVED

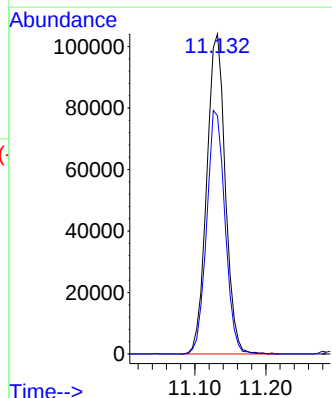
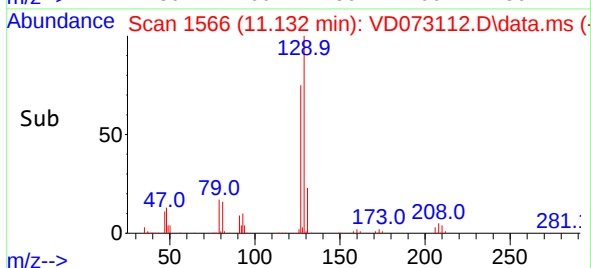
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

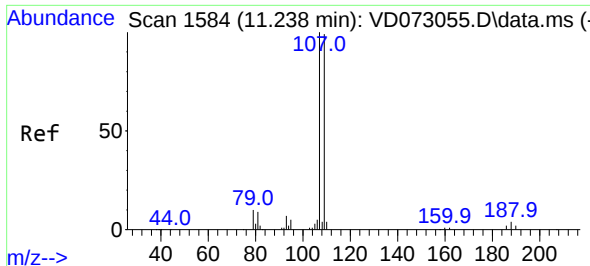


#60
Dibromochloromethane
Concen: 42.299 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion:129 Resp: 188997
Ion Ratio Lower Upper
129 100
127 75.2 39.2 117.6





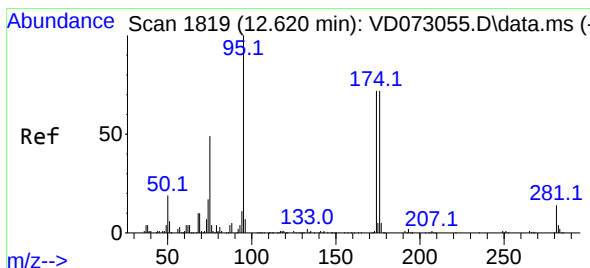
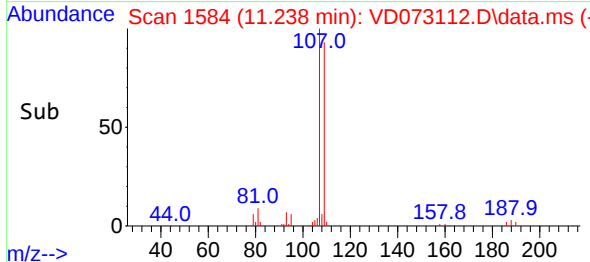
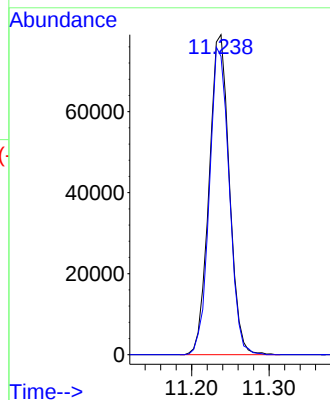
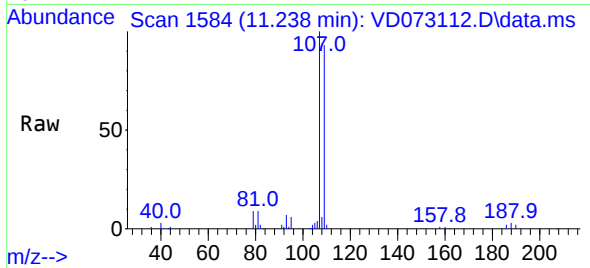
#61
1,2-Dibromoethane
Concen: 41.467 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 143504
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

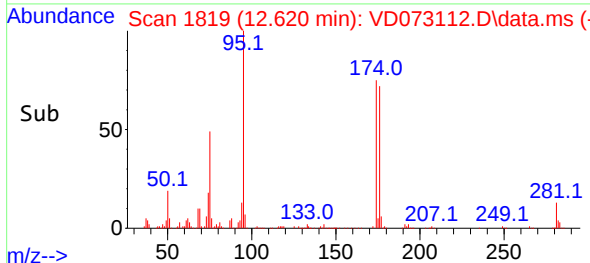
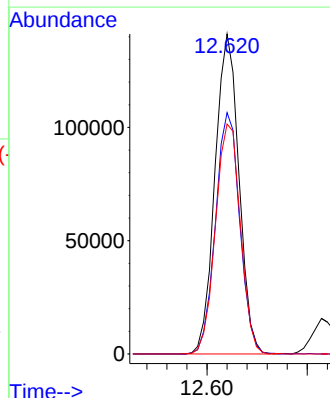
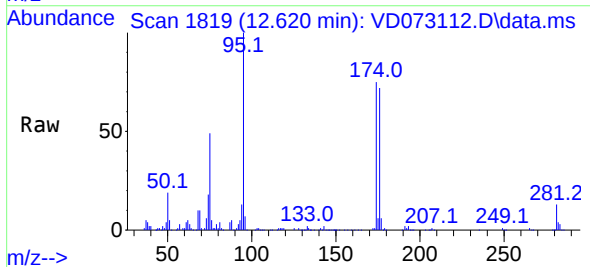
Manual Integrations
APPROVED

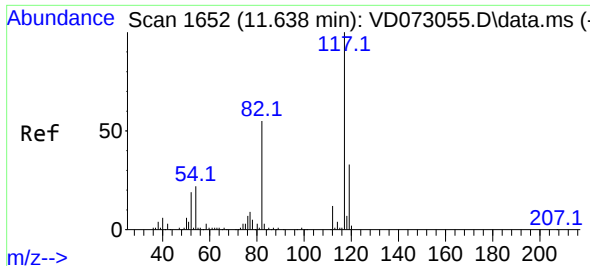
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 45.147 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

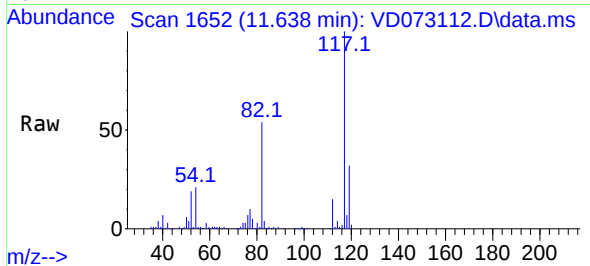
Tgt Ion: 95 Resp: 233632
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 74.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

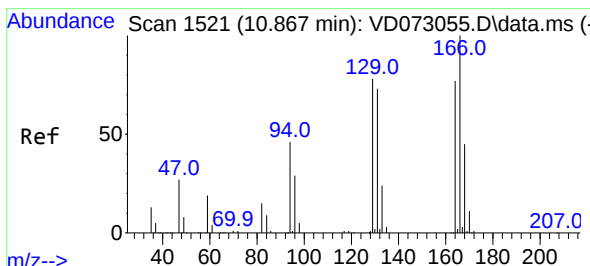
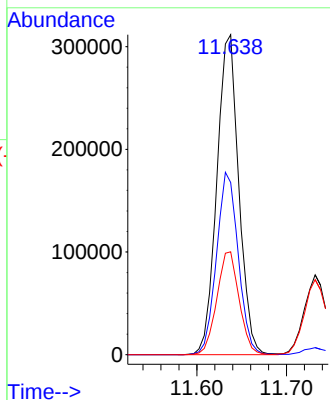
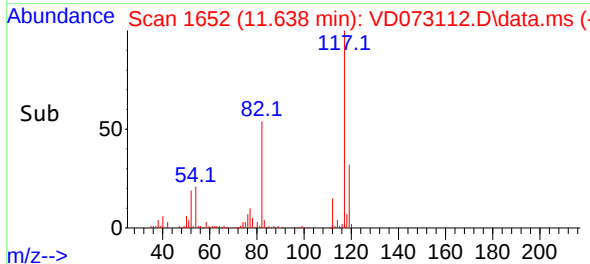
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



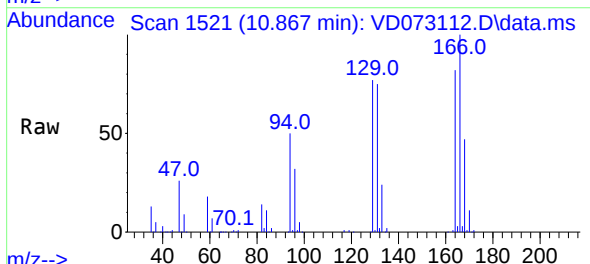
Tgt Ion:117 Resp: 529364
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.2 26.6 40.0

Manual Integrations
APPROVED

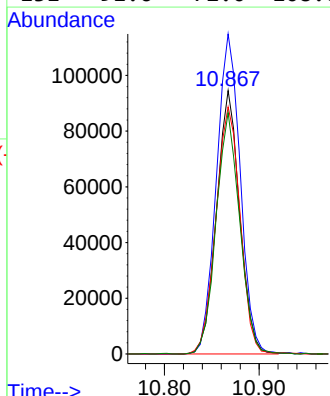
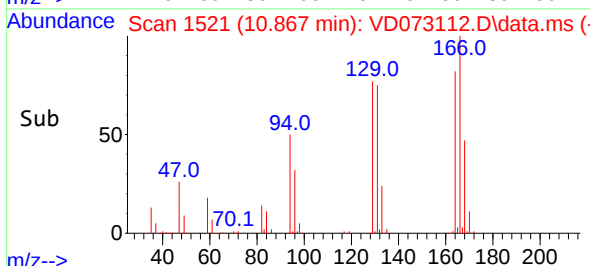
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

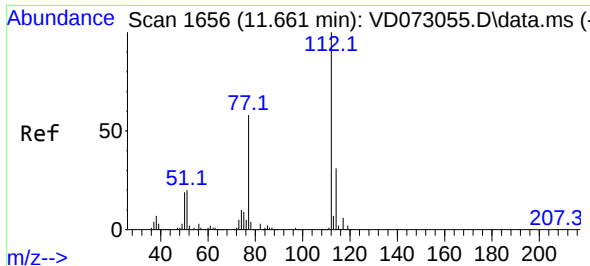


#64
Tetrachloroethene
Concen: 41.563 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



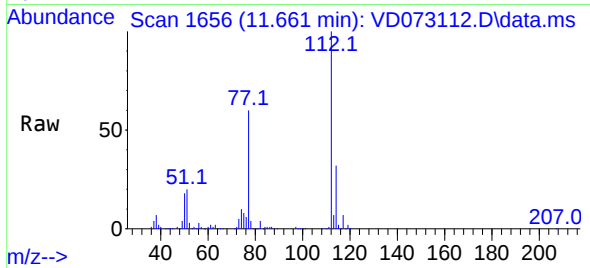
Tgt Ion:164 Resp: 161196
Ion Ratio Lower Upper
164 100
166 121.5 98.5 147.7
129 93.8 74.6 111.8
131 91.6 72.0 108.0





#65
Chlorobenzene
Concen: 43.491 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

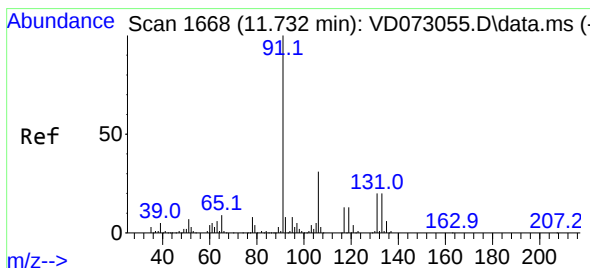
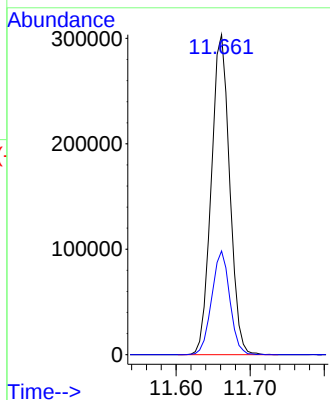
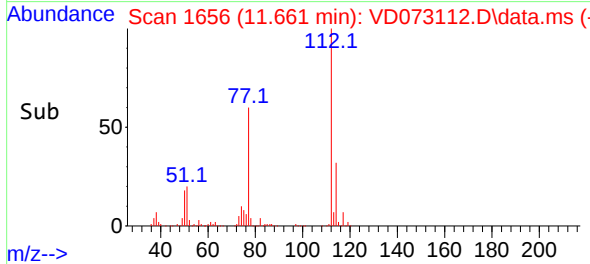
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



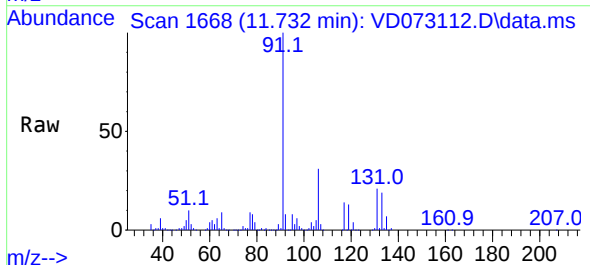
Tgt Ion:112 Resp: 522020
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
APPROVED

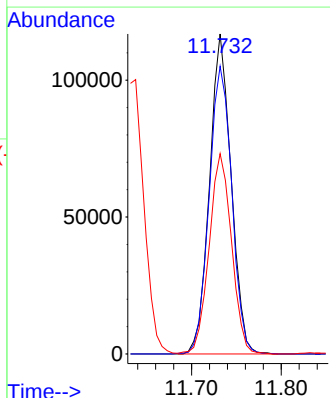
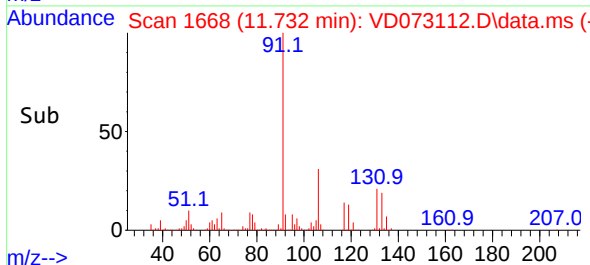
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

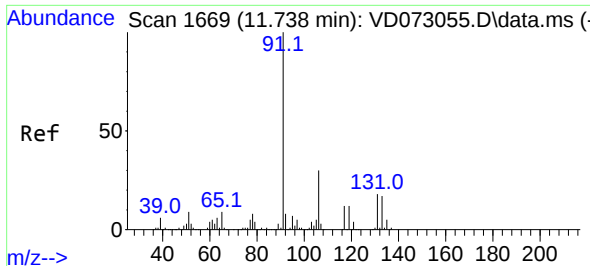


#66
1,1,1,2-Tetrachloroethane
Concen: 42.591 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



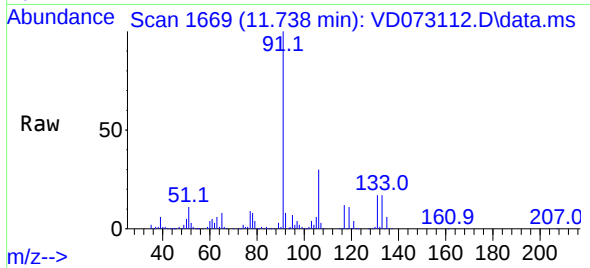
Tgt Ion:131 Resp: 195283
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 65.0 31.9 95.9





#67
Ethyl Benzene
Concen: 44.718 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

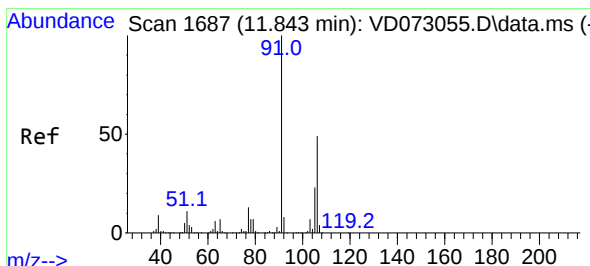
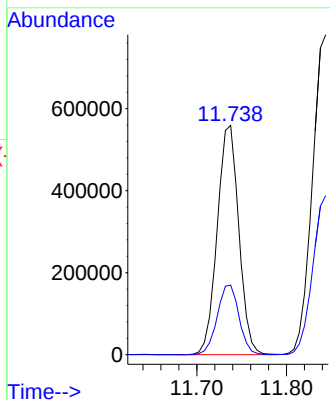
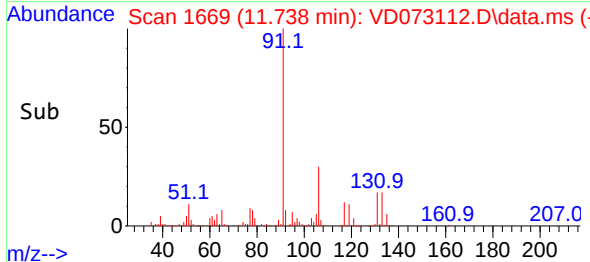
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



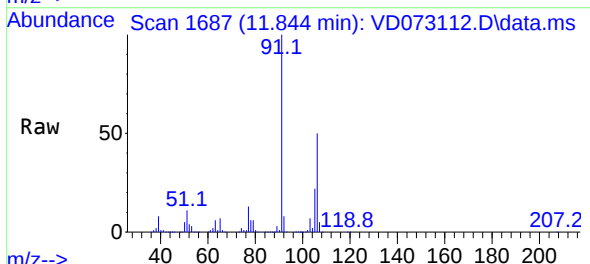
Tgt Ion: 91 Resp: 934578
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

Manual Integrations
APPROVED

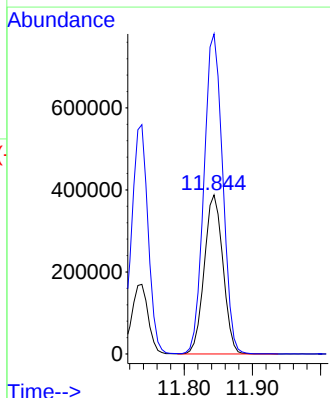
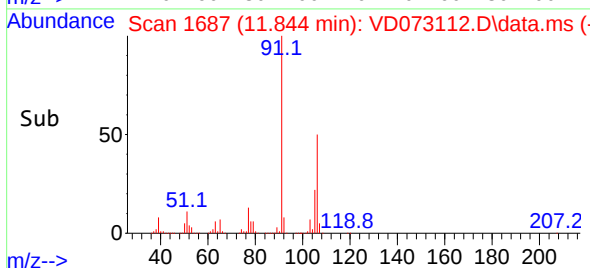
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

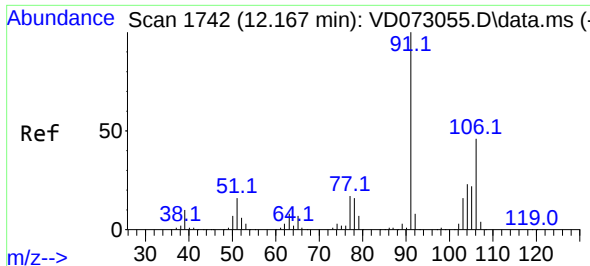


#68
m/p-Xylenes
Concen: 91.247 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion:106 Resp: 739083
Ion Ratio Lower Upper
106 100
91 201.5 163.7 245.5





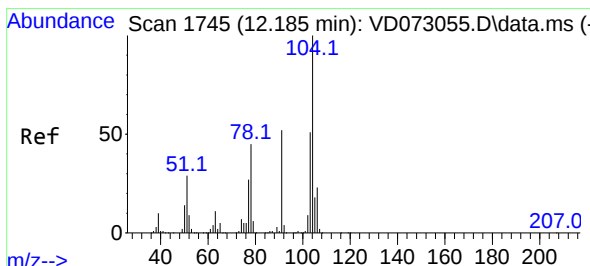
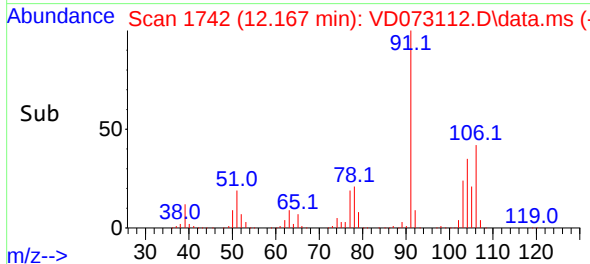
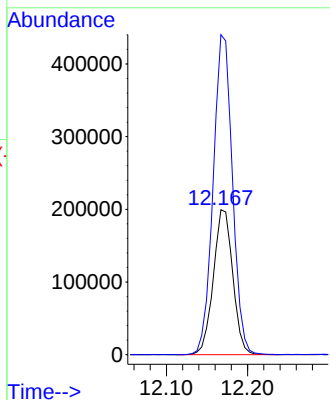
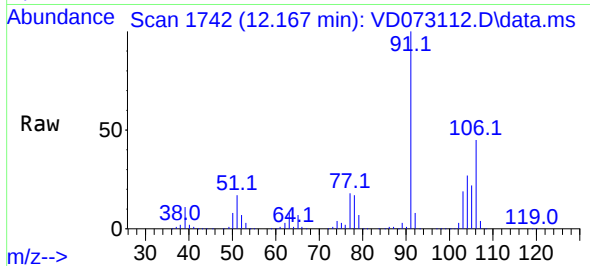
#69
o-Xylene
Concen: 44.411 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 331728
Ion Ratio Lower Upper
106 100
91 219.4 110.4 331.2

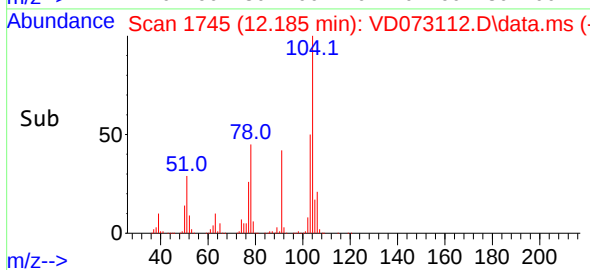
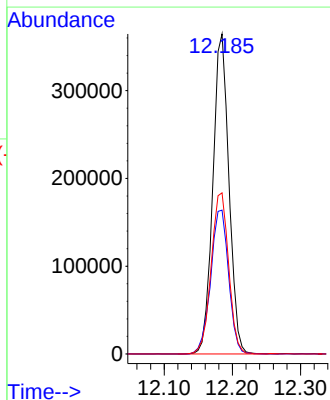
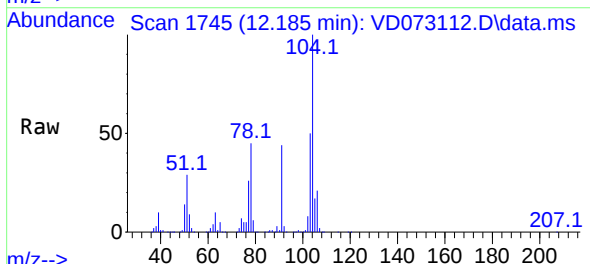
Manual Integrations
APPROVED

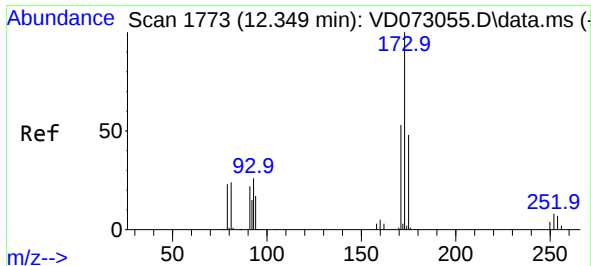
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 45.883 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

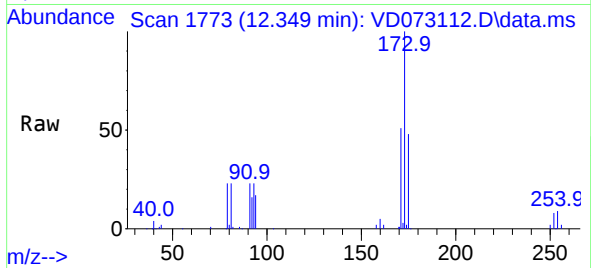
Tgt Ion:104 Resp: 598614
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 43.871 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

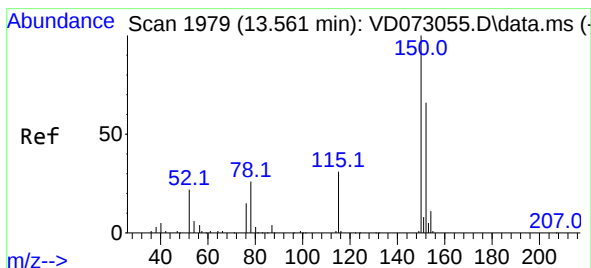
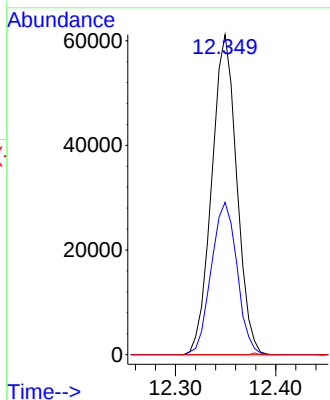
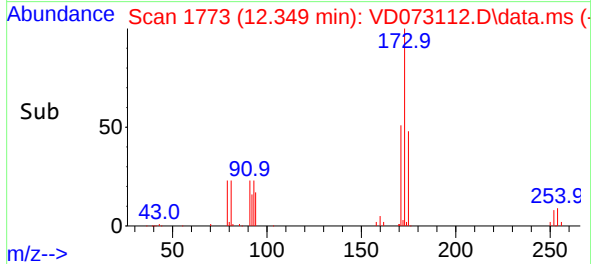
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



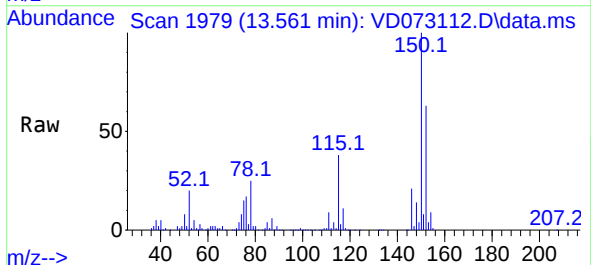
Tgt Ion:173 Resp: 105907
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

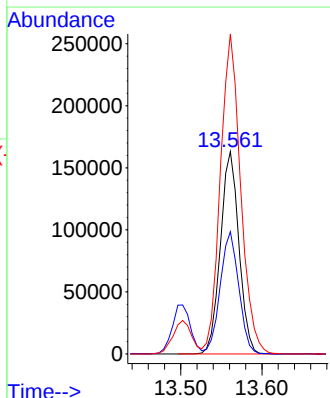
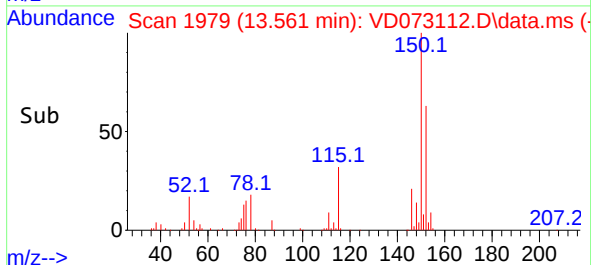
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

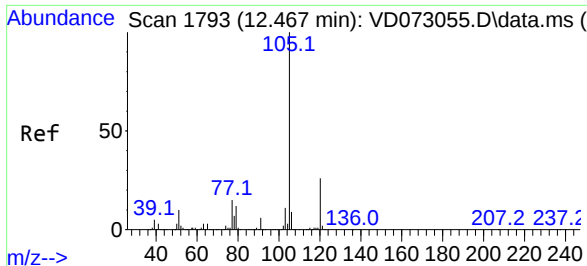


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



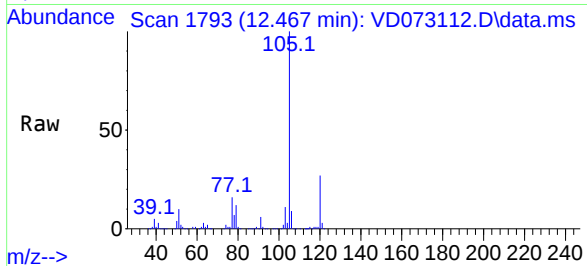
Tgt Ion:152 Resp: 258147
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 173.3 0.0 348.6





#73
Isopropylbenzene
Concen: 44.703 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

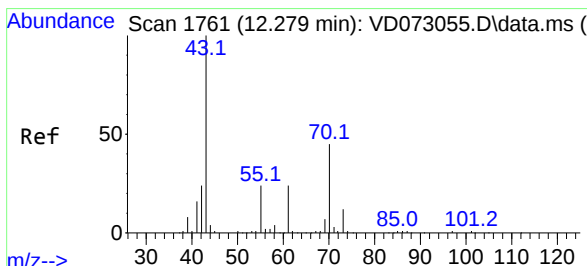
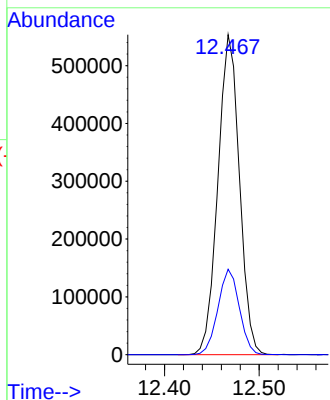
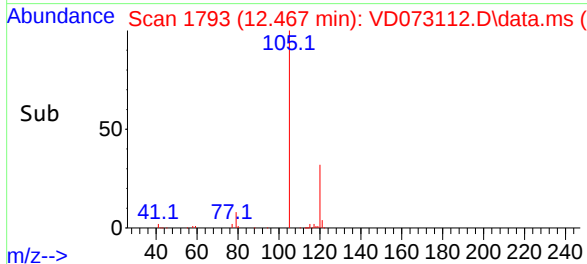
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



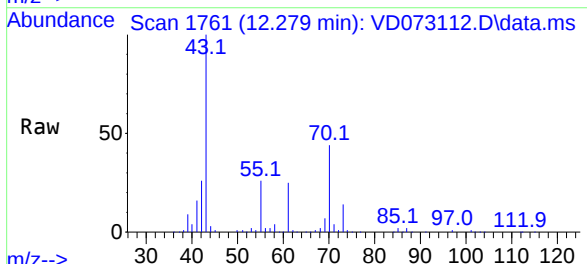
Tgt Ion:105 Resp: 874710
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

Manual Integrations
APPROVED

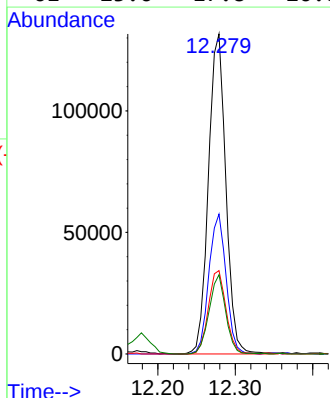
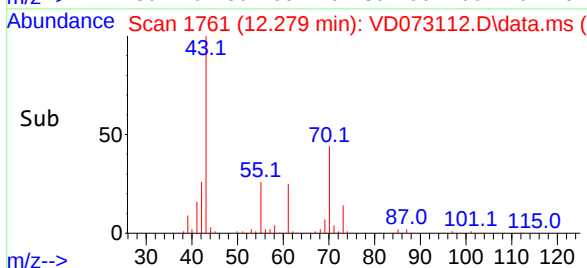
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

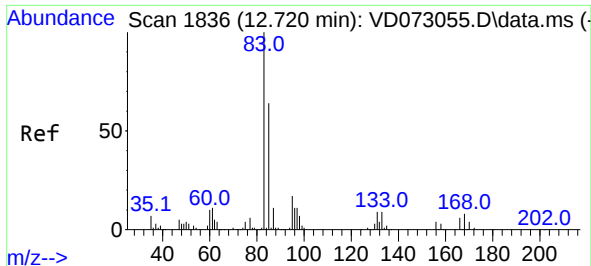


#74
N-ethyl acetate
Concen: 44.905 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



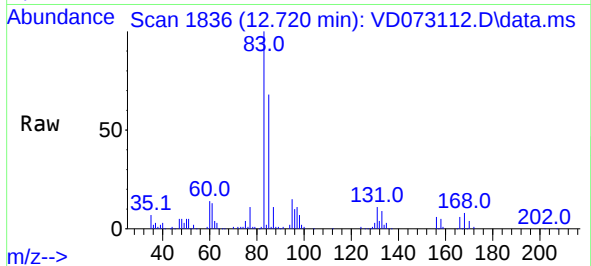
Tgt Ion: 43 Resp: 205342
Ion Ratio Lower Upper
43 100
70 43.1 31.3 46.9
55 26.4 20.0 30.0
61 23.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.455 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

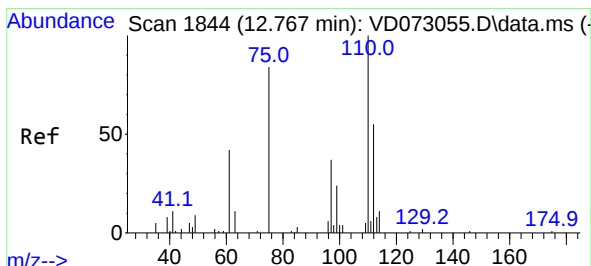
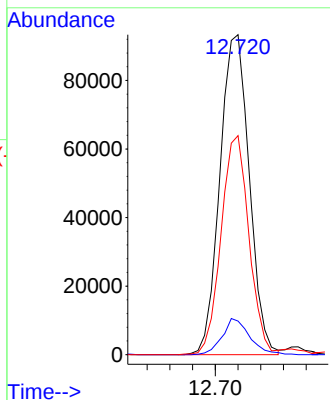
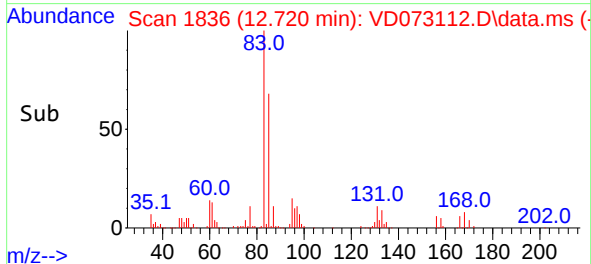
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



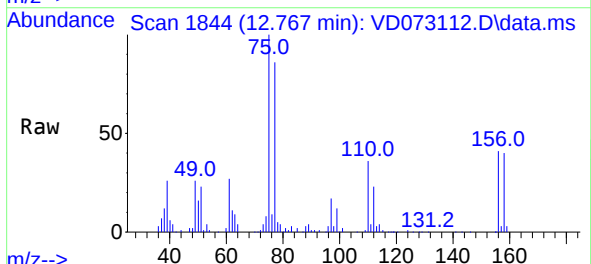
Tgt Ion: 83 Resp: 167630
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.1 32.6 98.0

Manual Integrations
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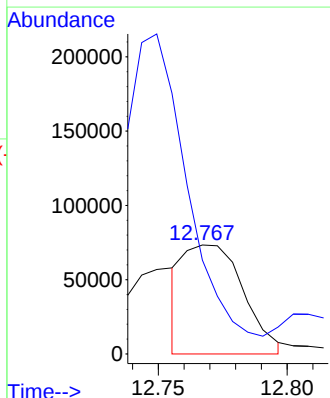
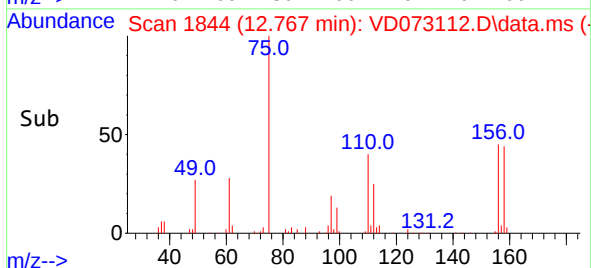
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

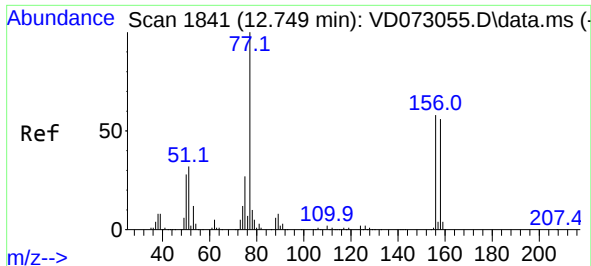


#76
1,2,3-Trichloropropane
Concen: 40.656 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



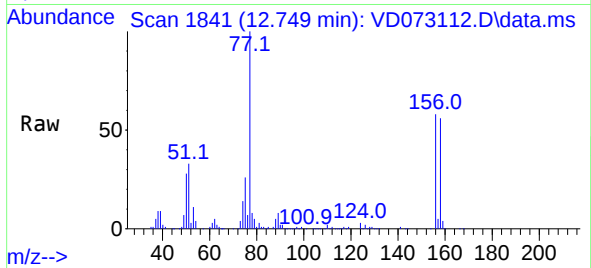
Tgt Ion: 75 Resp: 118641
Ion Ratio Lower Upper
75 100
77 338.1 0.0 0.0#





#77
Bromobenzene
Concen: 44.679 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

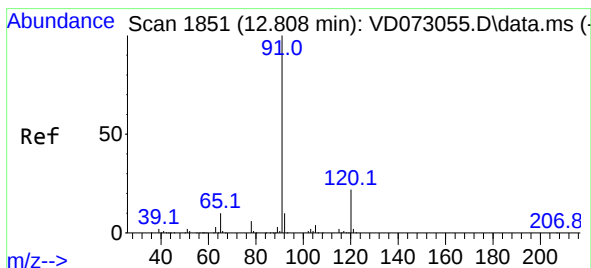
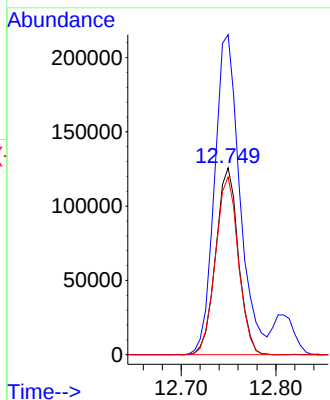
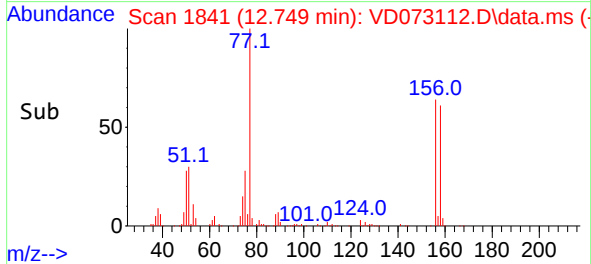
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



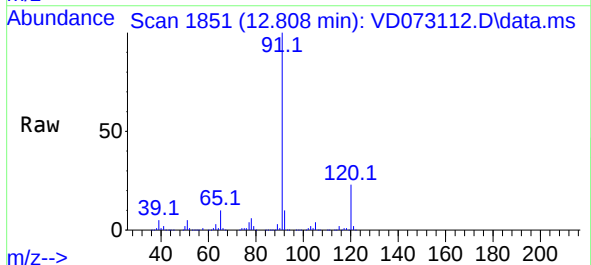
Tgt Ion:156 Resp: 208599
Ion Ratio Lower Upper
156 100
77 192.3 102.8 308.3
158 96.3 48.7 146.1

Manual Integrations
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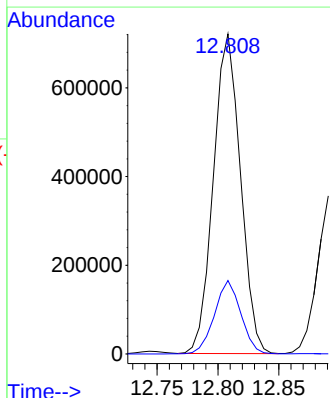
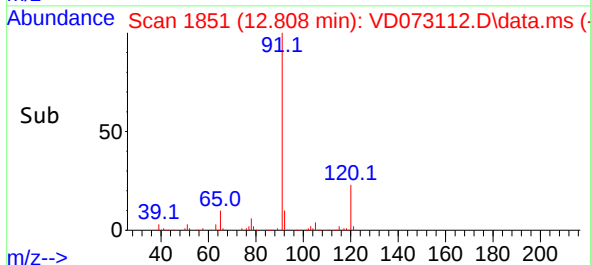
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

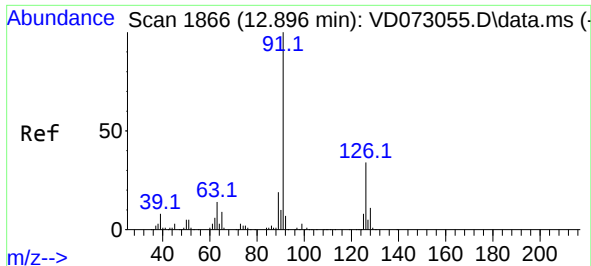


#78
n-propylbenzene
Concen: 45.391 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion: 91 Resp: 1115353
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





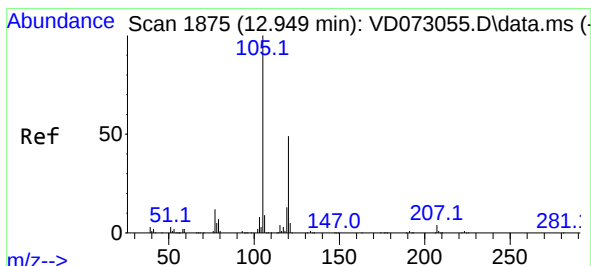
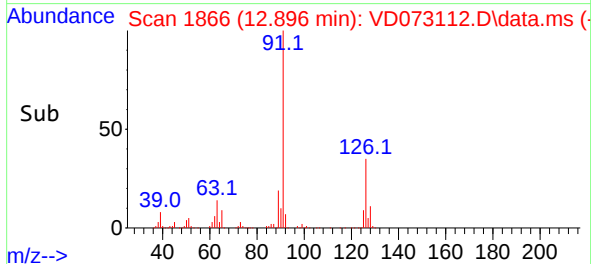
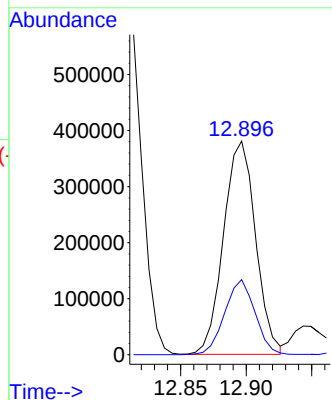
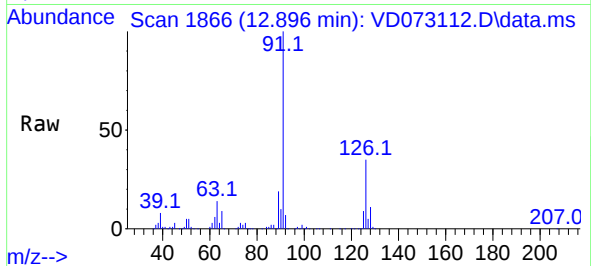
#79
2-Chlorotoluene
Concen: 45.266 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 64797
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

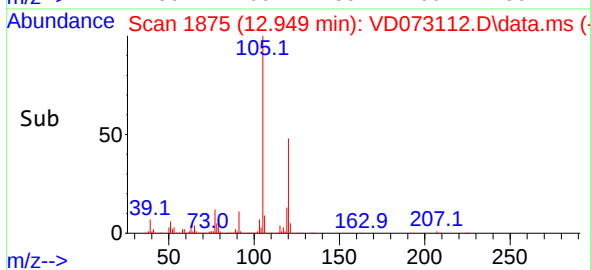
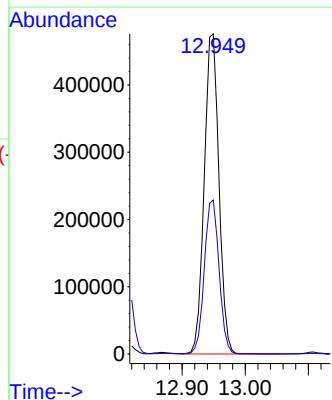
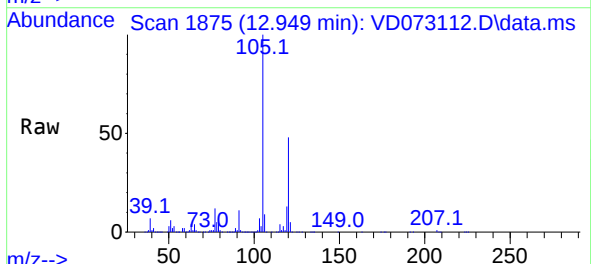
Manual Integrations
APPROVED

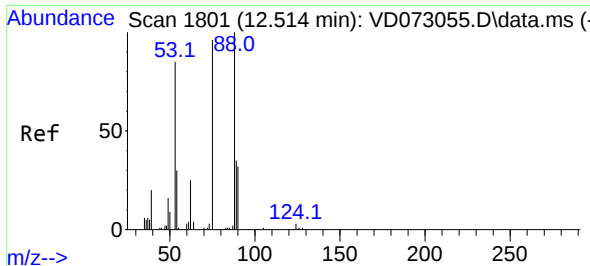
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.192 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

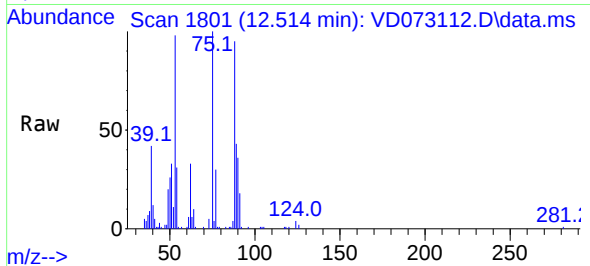
Tgt Ion:105 Resp: 770005
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 42.761 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

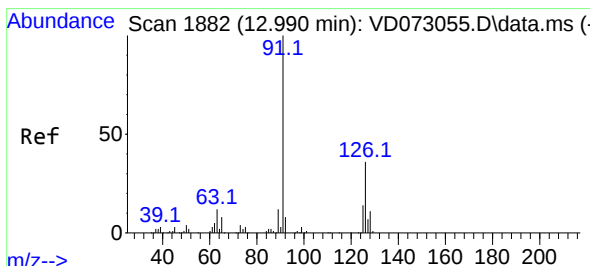
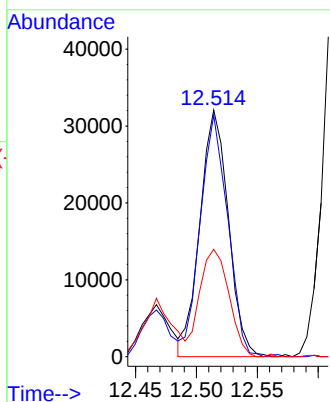
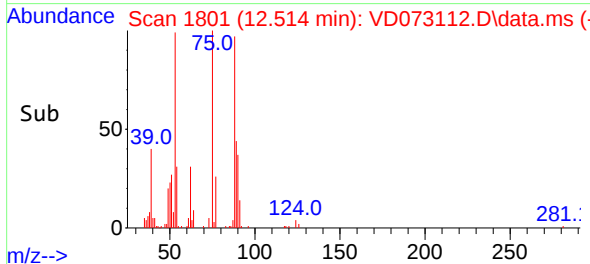
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



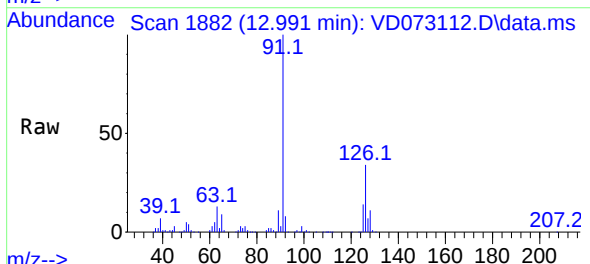
Tgt Ion: 75 Resp: 5204
Ion Ratio Lower Upper
75 100
53 94.6 86.5 129.7
89 44.6 33.9 50.9

Manual Integrations
APPROVED

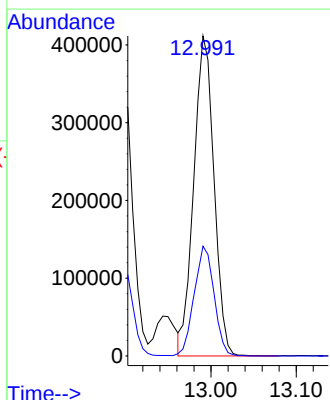
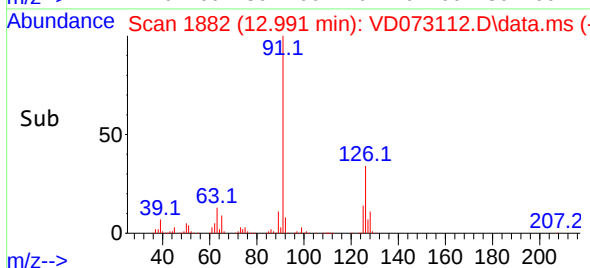
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

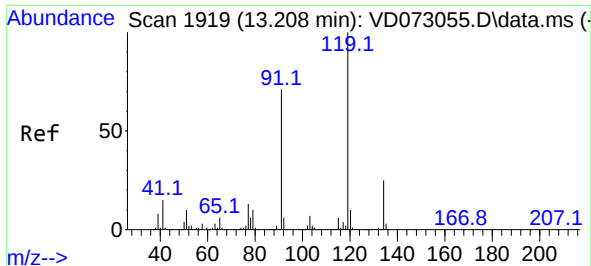


#82
4-Chlorotoluene
Concen: 44.754 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



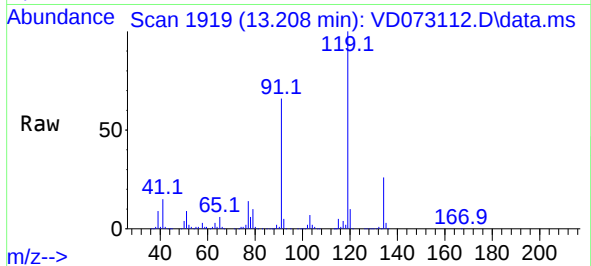
Tgt Ion: 91 Resp: 678026
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 44.060 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

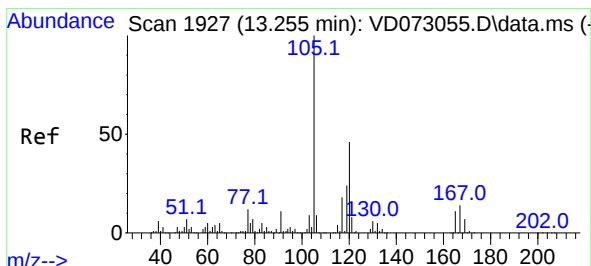
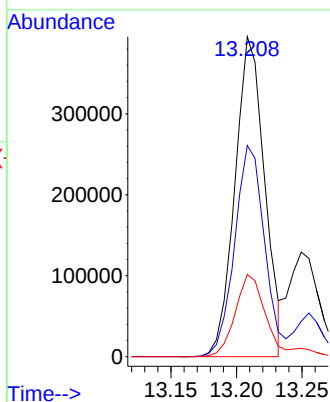
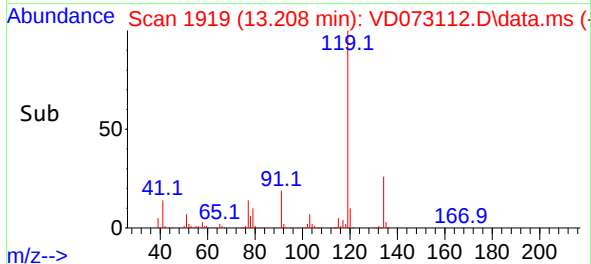
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



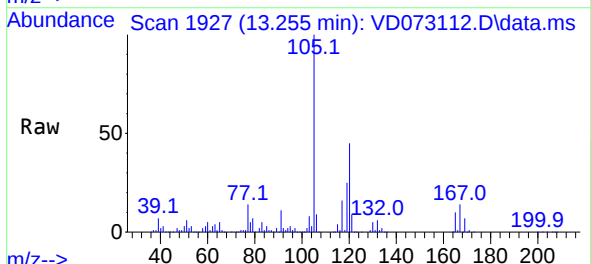
Tgt Ion:119 Resp: 622129
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 27.8 13.3 39.9

Manual Integrations
APPROVED

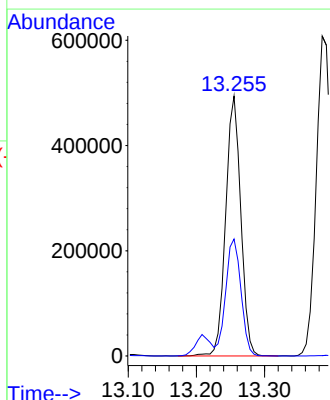
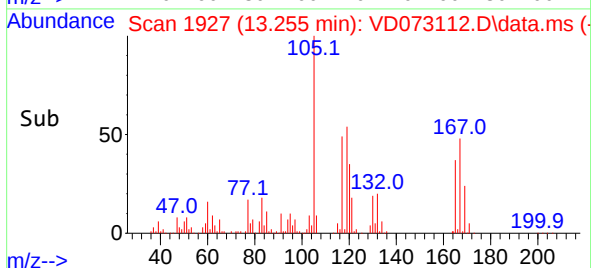
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

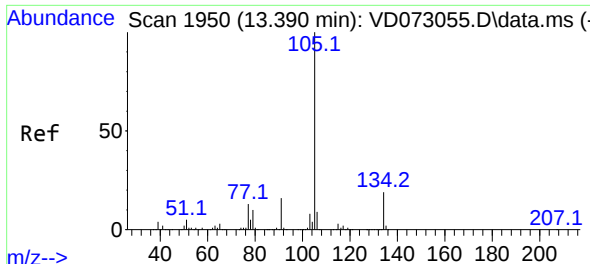


#84
1,2,4-Trimethylbenzene
Concen: 46.009 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion:105 Resp: 763051
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





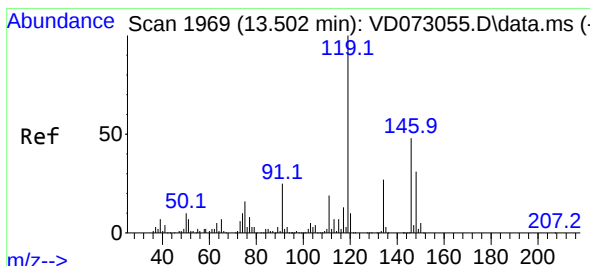
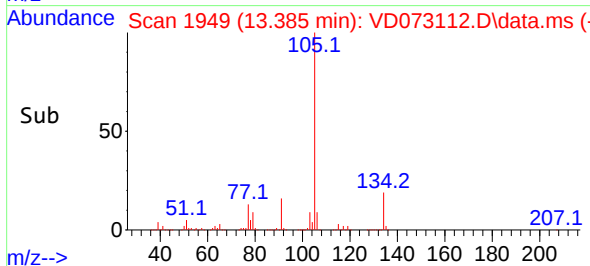
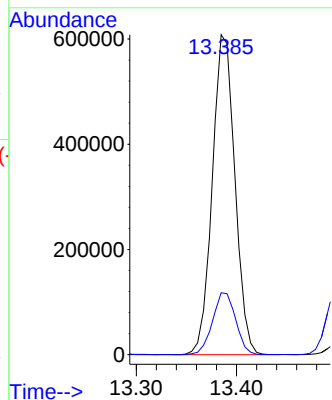
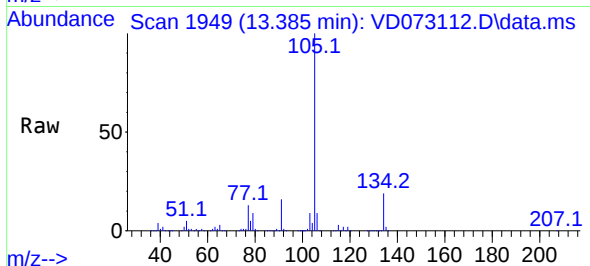
#85
 sec-Butylbenzene
 Concen: 44.445 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073112.D
 Acq: 18 May 2022 22:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 952589
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

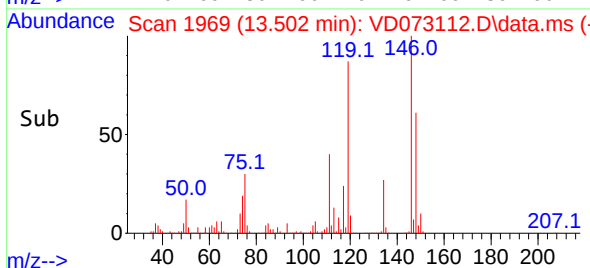
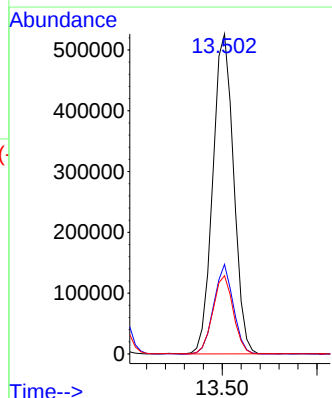
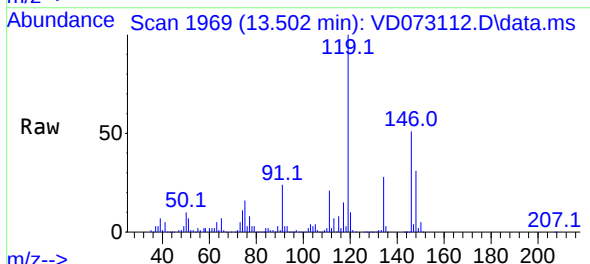
Manual Integrations
 APPROVED

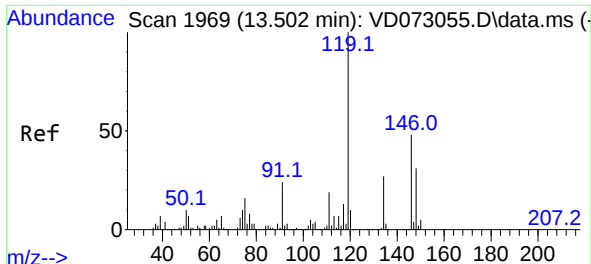
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#86
 p-Isopropyltoluene
 Concen: 46.014 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073112.D
 Acq: 18 May 2022 22:28

Tgt Ion:119 Resp: 802180
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.170 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 42384

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

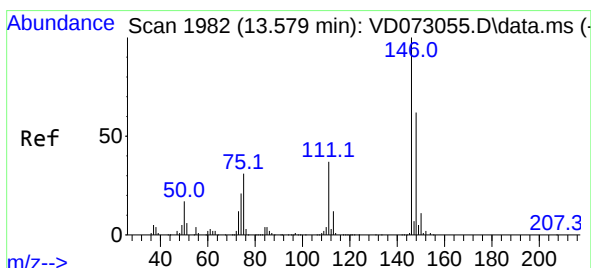
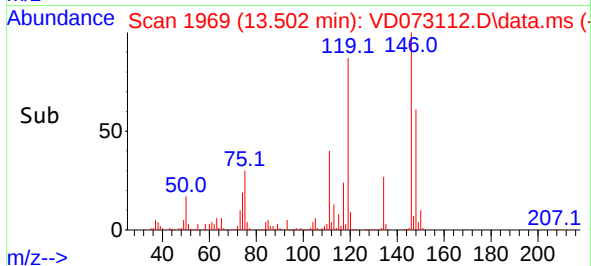
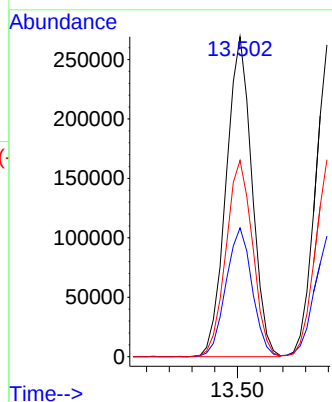
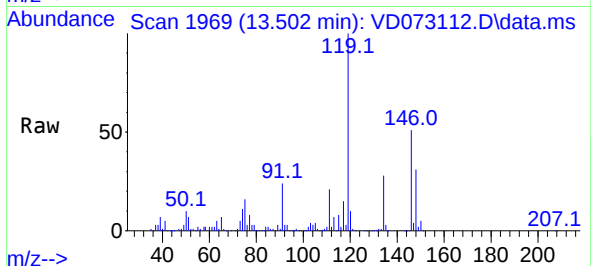
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#88

1,4-Dichlorobenzene

Concen: 43.691 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073112.D

Acq: 18 May 2022 22:28

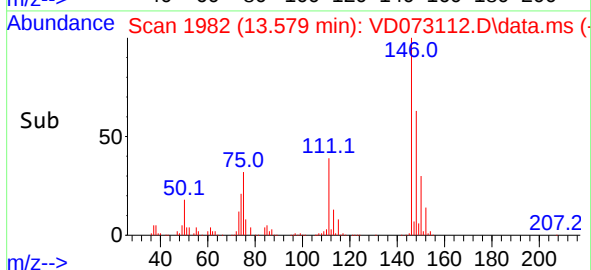
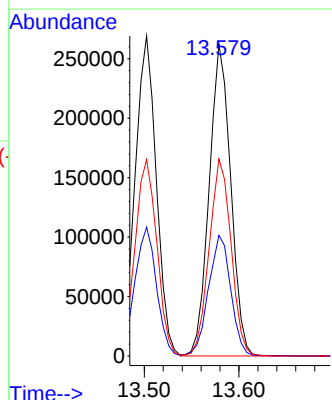
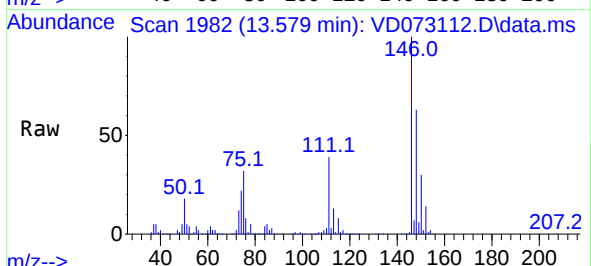
Tgt Ion:146 Resp: 414297

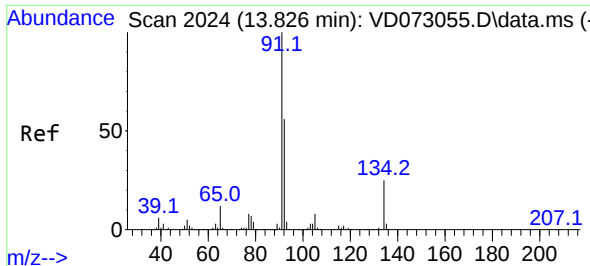
Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 64.3 31.7 95.1





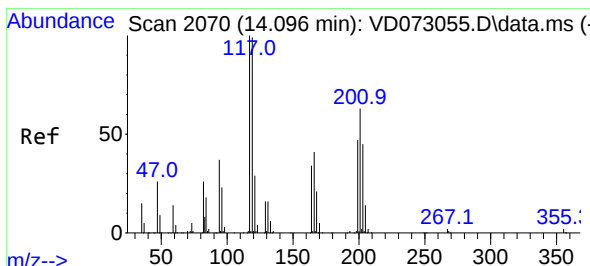
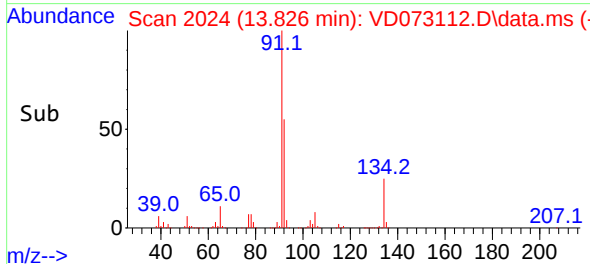
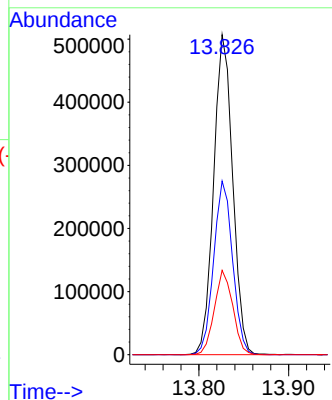
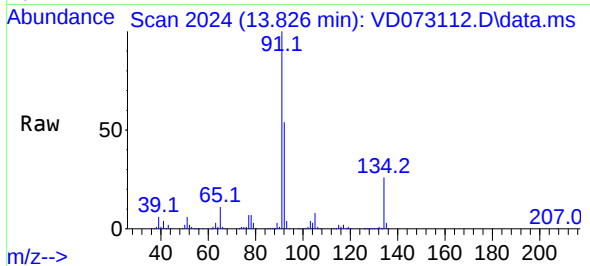
#89
n-Butylbenzene
Concen: 44.026 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 74641
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 25.6 12.3 36.9

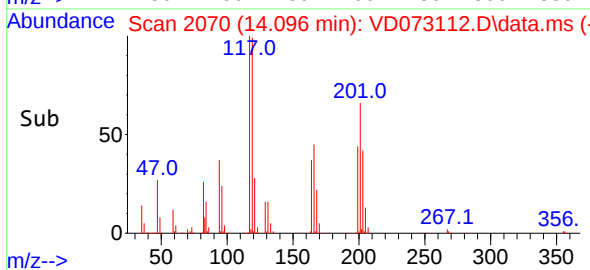
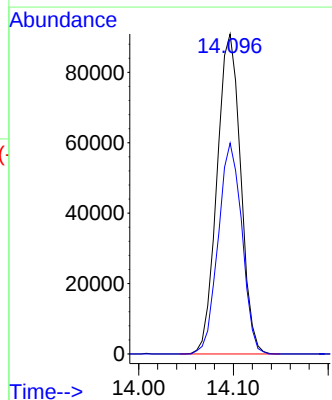
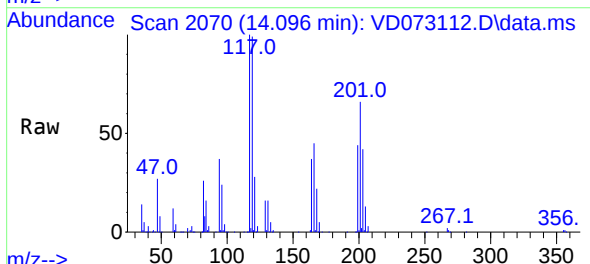
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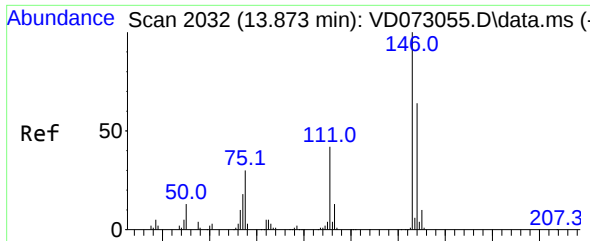
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 43.565 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

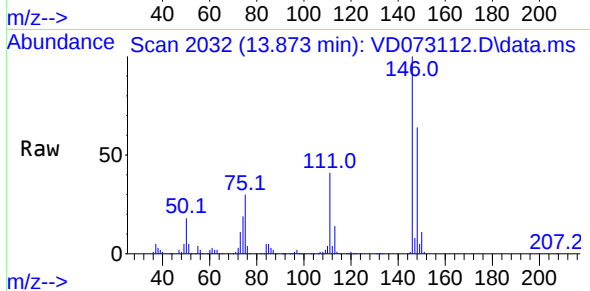
Tgt Ion:117 Resp: 157812
Ion Ratio Lower Upper
117 100
201 66.0 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 44.366 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

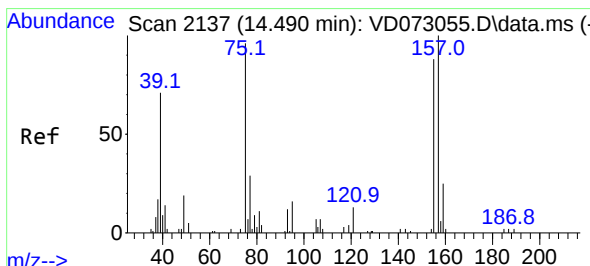
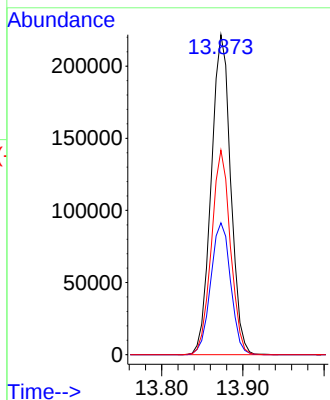
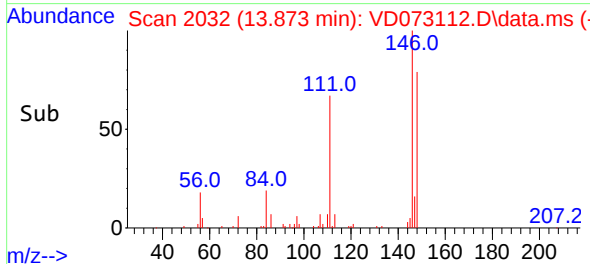
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



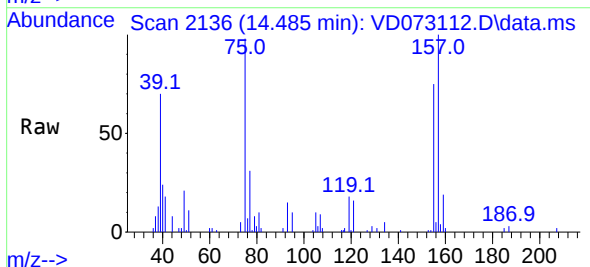
Tgt Ion:146 Resp: 36925
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 62.4 31.7 95.1

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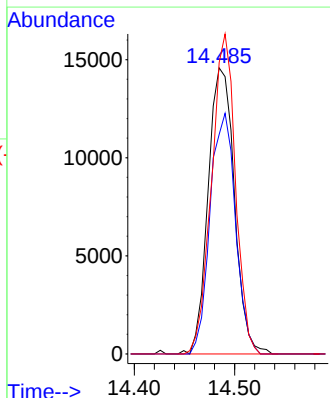
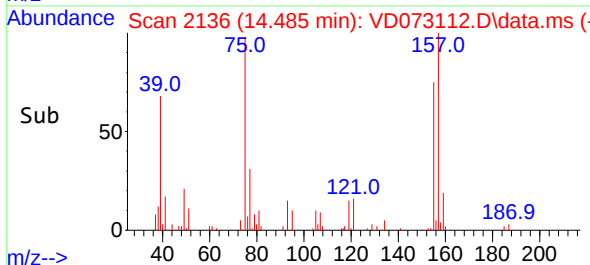
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

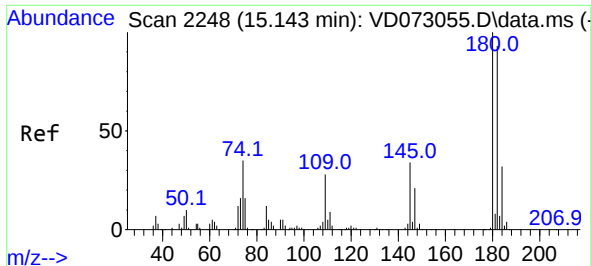


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.110 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



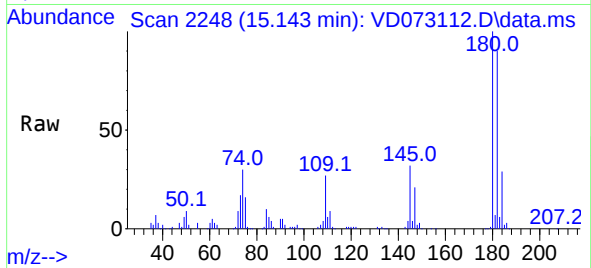
Tgt Ion: 75 Resp: 26449
Ion Ratio Lower Upper
75 100
155 81.3 36.8 110.3
157 102.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 44.086 ug/l
RT: 15.143 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

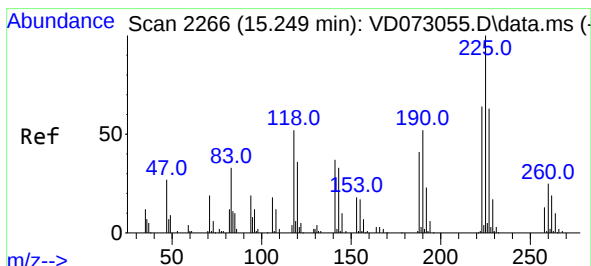
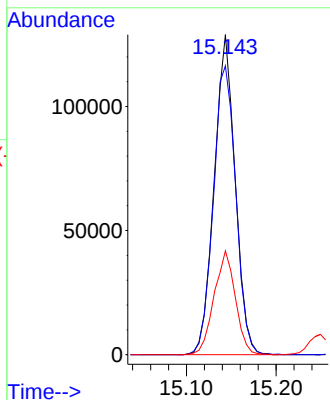
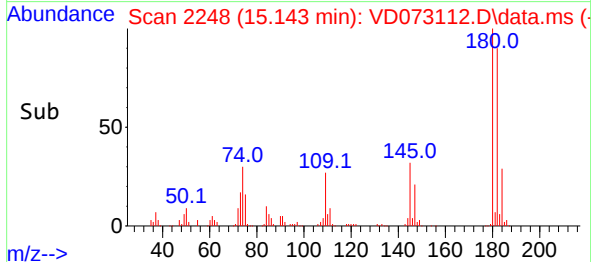
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



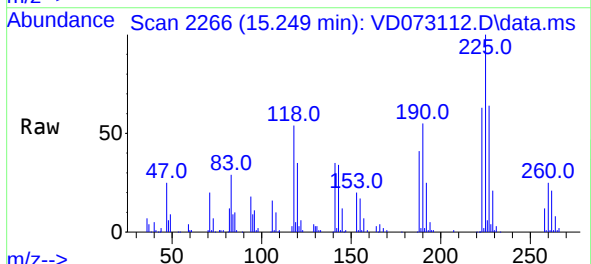
Tgt Ion:180 Resp: 209352
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 33.0 16.2 48.5

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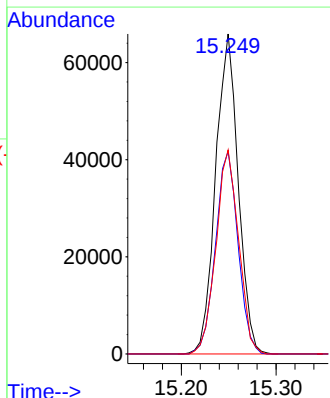
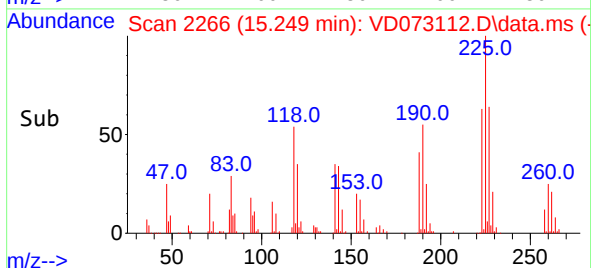
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

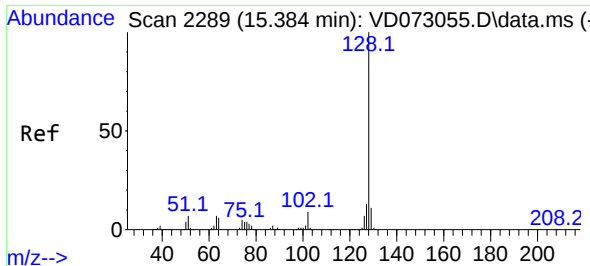


#94
Hexachlorobutadiene
Concen: 41.130 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



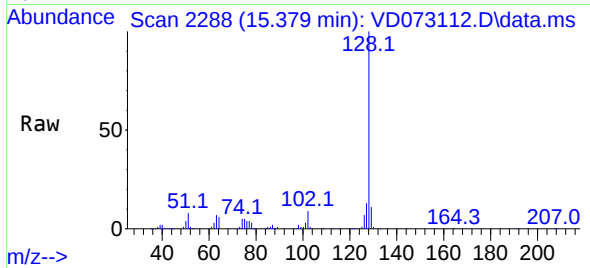
Tgt Ion:225 Resp: 109019
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 64.2 32.4 97.0





#95
Naphthalene
Concen: 40.812 ug/l
RT: 15.379 min Scan# 2111
Delta R.T. -0.005 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28

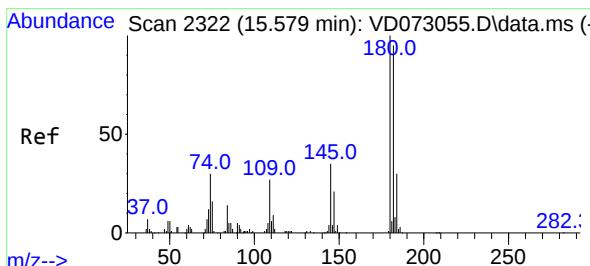
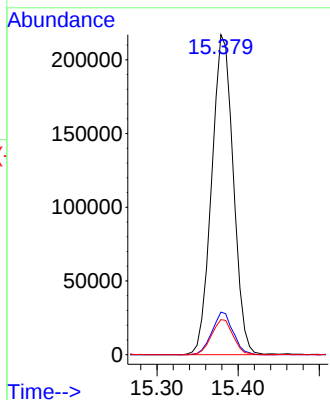
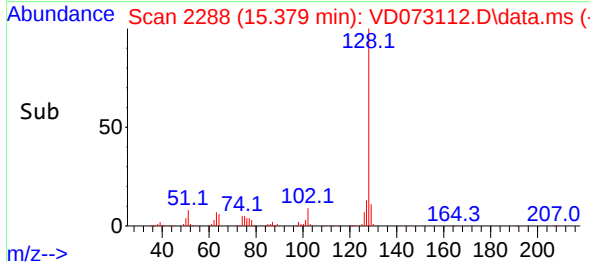
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



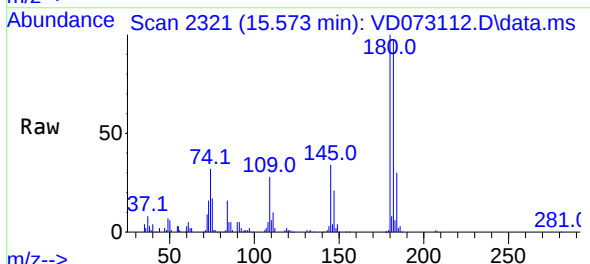
Tgt Ion:128 Resp: 401860
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.259 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073112.D
Acq: 18 May 2022 22:28



Tgt Ion:180 Resp: 190811
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 34.3 17.1 51.3

