

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073011.D
 Acq On : 14 May 2022 01:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 16 05:19:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	303164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	509303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176548	44.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.720%		
35) Dibromofluoromethane	7.914	113	182480	51.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.040%		
50) Toluene-d8	10.332	98	645420	50.303	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.600%		
62) 4-Bromofluorobenzene	12.620	95	238300	49.810	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	166933	39.847	ug/l	96
3) Chloromethane	2.209	50	173125	39.737	ug/l	95
4) Vinyl Chloride	2.344	62	163868	41.917	ug/l	94
5) Bromomethane	2.762	94	115155	47.820	ug/l	100
6) Chloroethane	2.921	64	106273	43.617	ug/l	100
7) Trichlorofluoromethane	3.268	101	302094	44.129	ug/l	100
8) Diethyl Ether	3.709	74	90780	46.255	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	183991	45.271	ug/l	96
10) Methyl Iodide	4.297	142	192322	47.153	ug/l	100
11) Tert butyl alcohol	5.203	59	84729	248.847	ug/l #	82
12) 1,1-Dichloroethene	4.068	96	167987	45.953	ug/l	90
13) Acrolein	3.921	56	21062	77.456	ug/l	99
14) Allyl chloride	4.709	41	284449	48.196	ug/l	91
15) Acrylonitrile	5.420	53	215530	231.079	ug/l	96
16) Acetone	4.156	43	155553	208.891	ug/l	94
17) Carbon Disulfide	4.409	76	480843	41.833	ug/l	99
18) Methyl Acetate	4.715	43	104467	48.778	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	423495	48.325	ug/l	100
20) Methylene Chloride	4.956	84	232111	49.212	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	202870	48.389	ug/l	91
22) Diisopropyl ether	6.362	45	624423	48.096	ug/l	96
23) Vinyl Acetate	6.303	43	1697515	236.687	ug/l	95
24) 1,1-Dichloroethane	6.262	63	378968	48.584	ug/l	98
25) 2-Butanone	7.209	43	257411	224.495	ug/l	95
26) 2,2-Dichloropropane	7.203	77	290395	44.038	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	230483	47.999	ug/l	93
28) Bromochloromethane	7.544	49	139105	47.822	ug/l #	83
29) Tetrahydrofuran	7.556	42	168411	230.428	ug/l	93
30) Chloroform	7.703	83	397878	48.207	ug/l	97
31) Cyclohexane	7.979	56	300538	43.688	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	338079	48.062	ug/l	97
36) 1,1-Dichloropropene	8.109	75	281148	48.339	ug/l	96
37) Ethyl Acetate	7.285	43	122587	45.849	ug/l	95
38) Carbon Tetrachloride	8.097	117	292511	48.449	ug/l	98
39) Methylcyclohexane	9.350	83	309027	45.807	ug/l	99
40) Benzene	8.344	78	828965	49.355	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	72898	45.790	ug/l	92
42) 1,2-Dichloroethane	8.420	62	240140	47.445	ug/l	97
43) Isopropyl Acetate	8.450	43	234444	47.508	ug/l	94
44) Trichloroethene	9.108	130	219981	48.955	ug/l	98
45) 1,2-Dichloropropane	9.379	63	215522	48.861	ug/l	98
46) Dibromomethane	9.467	93	115375	47.418	ug/l	96
47) Bromodichloromethane	9.650	83	304112	48.585	ug/l	97
48) Methyl methacrylate	9.450	41	110632	45.825	ug/l #	84
49) 1,4-Dioxane	9.456	88	24973	911.437	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	622053	242.579	ug/l	95
52) Toluene	10.397	92	539327	51.476	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	269218	46.825	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	321828	48.180	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	159319	48.436	ug/l	97
56) Ethyl methacrylate	10.655	69	196988	50.864	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	274081	48.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	475650	253.314	ug/l	97
59) 2-Hexanone	10.973	43	415518	240.810	ug/l	94
60) Dibromochloromethane	11.132	129	204333	49.347	ug/l	97
61) 1,2-Dibromoethane	11.238	107	152840	47.739	ug/l	99
64) Tetrachloroethene	10.867	164	172160	48.276	ug/l	95
65) Chlorobenzene	11.661	112	565781	50.150	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	213165	50.276	ug/l	98
67) Ethyl Benzene	11.732	91	1023058	52.399	ug/l	100
68) m/p-Xylenes	11.844	106	786508	104.577	ug/l	98
69) o-Xylene	12.173	106	368073	52.402	ug/l	97
70) Styrene	12.185	104	643151	52.848	ug/l	98
71) Bromoform	12.349	173	116436	50.672	ug/l #	98
73) Isopropylbenzene	12.467	105	988656	54.538	ug/l	100
74) N-amyl acetate	12.279	43	226019	50.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	183318	50.096	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	127247m	48.977	ug/l	
77) Bromobenzene	12.749	156	220790	51.290	ug/l	94
78) n-propylbenzene	12.808	91	1209072	52.920	ug/l	99
79) 2-Chlorotoluene	12.897	91	696221	52.166	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	830636	54.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	54175	47.951	ug/l	87
82) 4-Chlorotoluene	12.991	91	725438	52.022	ug/l	100
83) tert-Butylbenzene	13.208	119	716645	54.839	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	817058	53.178	ug/l	99
85) sec-Butylbenzene	13.385	105	1067399	54.155	ug/l	99
86) p-Isopropyltoluene	13.502	119	861842	53.332	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	441518	50.914	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	436939	50.596	ug/l	99
89) n-Butylbenzene	13.826	91	817882	52.246	ug/l	100
90) Hexachloroethane	14.096	117	175016	52.866	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	383831	50.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26502	45.687	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	227516	50.832	ug/l	97
94) Hexachlorobutadiene	15.249	225	123166	50.387	ug/l	98
95) Naphthalene	15.379	128	429131	52.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	199839	50.367	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
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

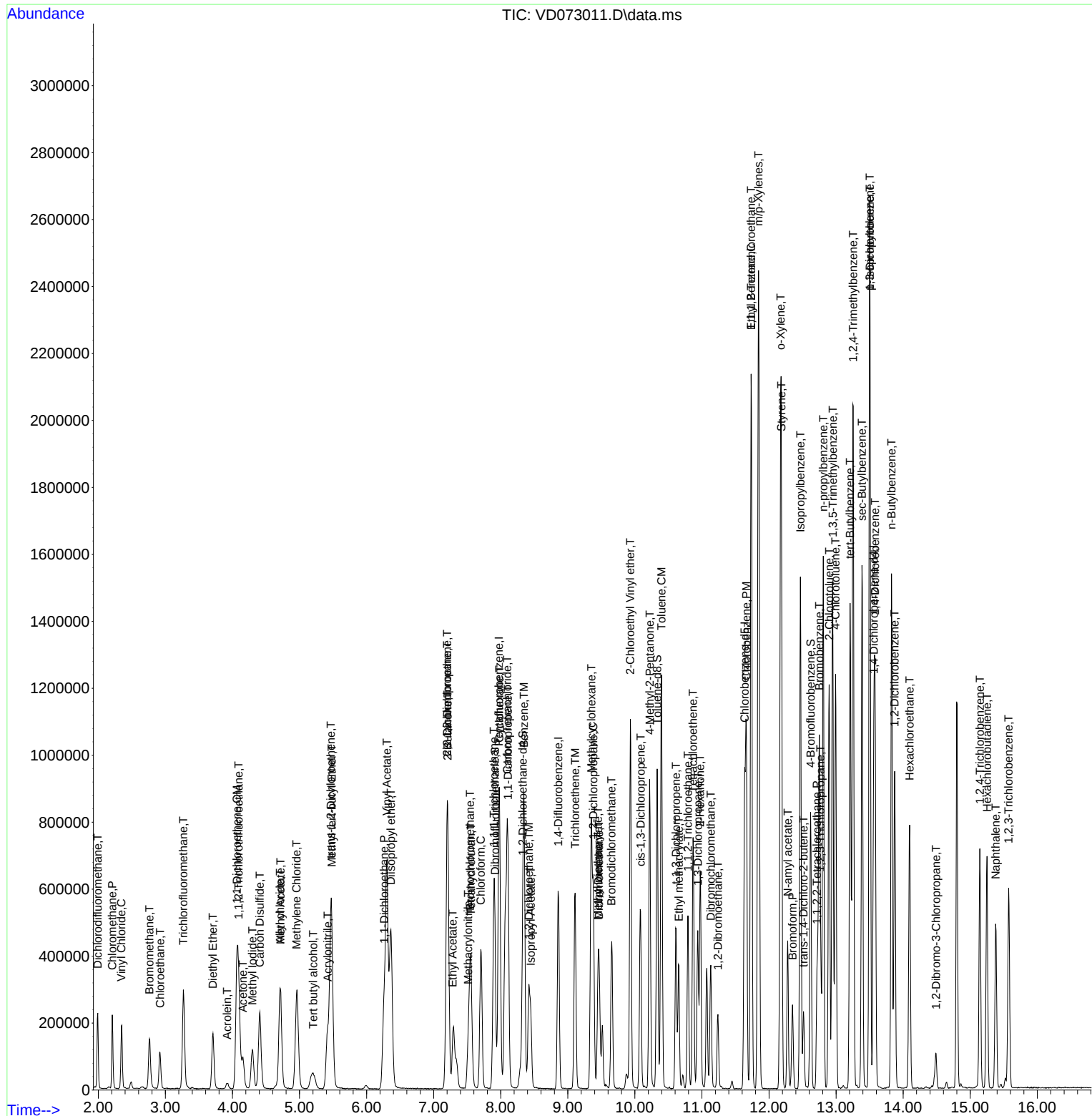
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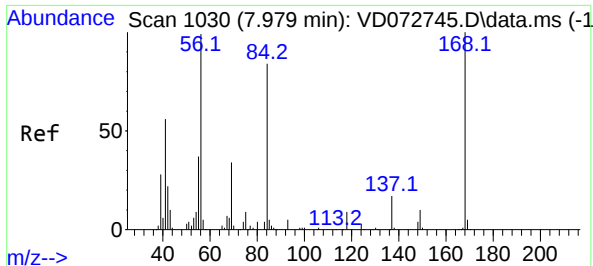
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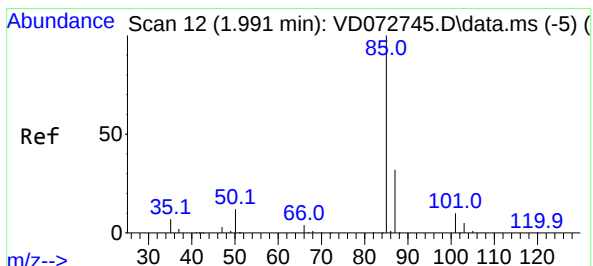
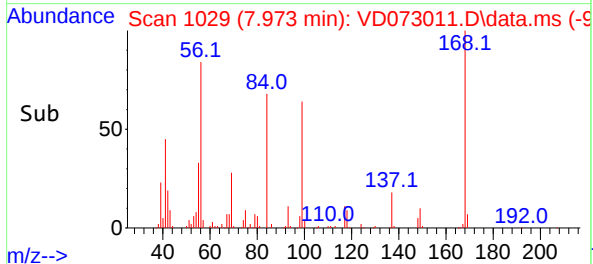
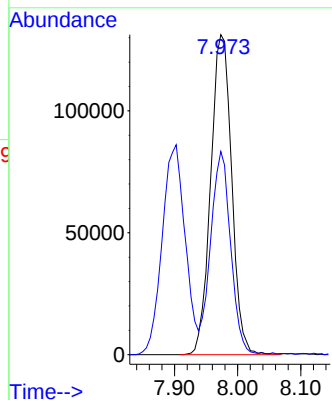
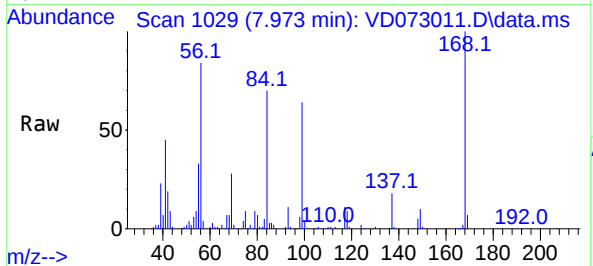
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 303164
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6

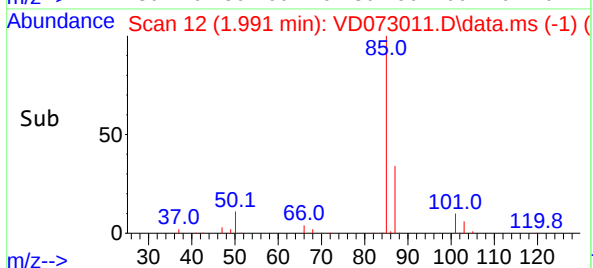
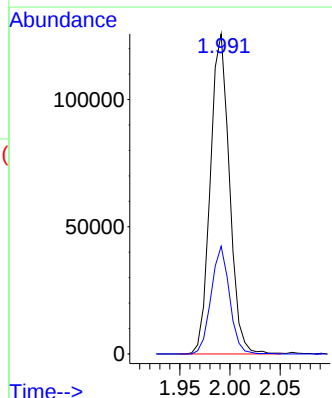
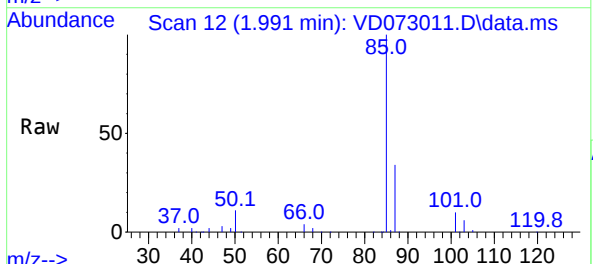
Manual Integrations
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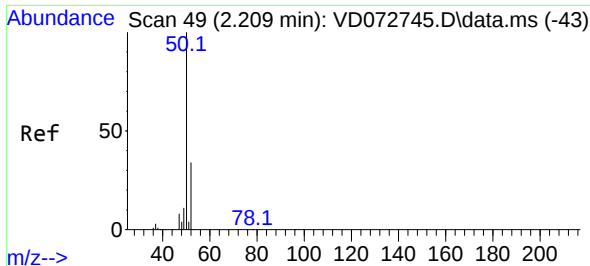
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#2
Dichlorodifluoromethane
Concen: 39.847 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

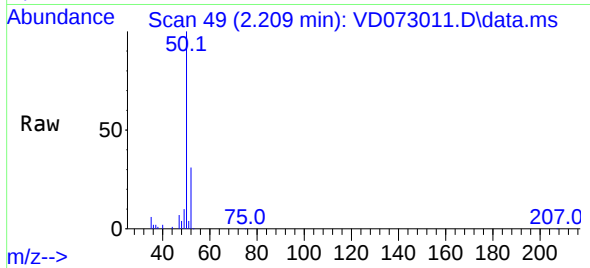
Tgt Ion: 85 Resp: 166933
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0





#3
Chloromethane
Concen: 39.737 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

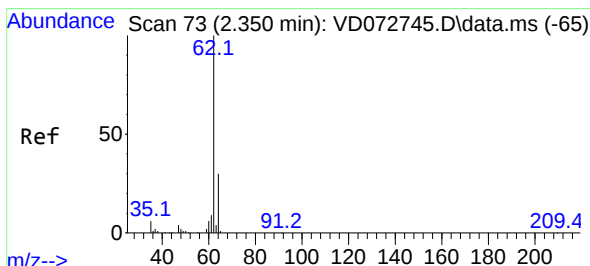
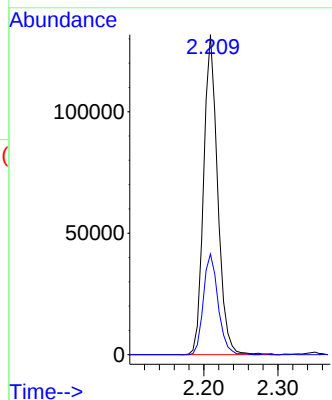
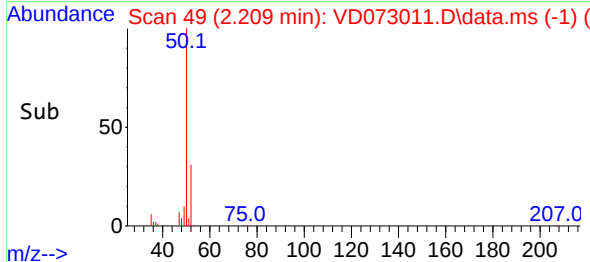
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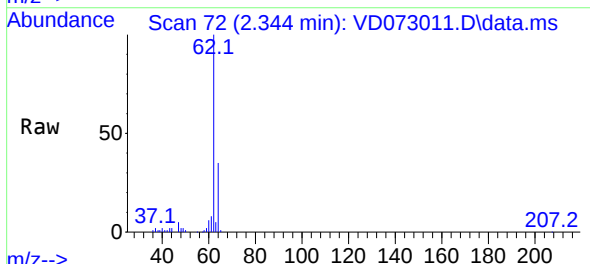
Tgt Ion: 50 Resp: 173125
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0

Manual Integrations
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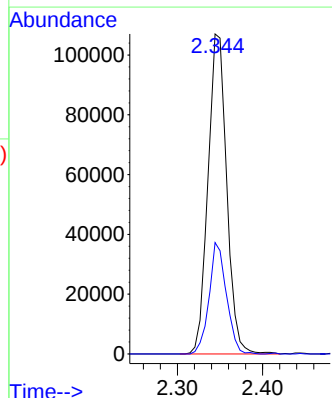
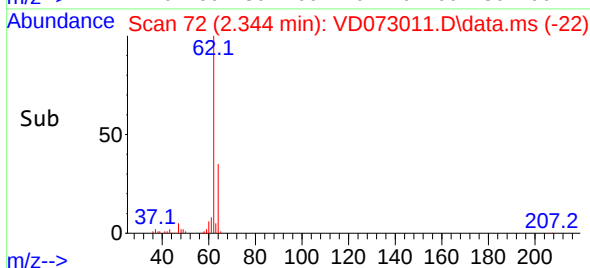
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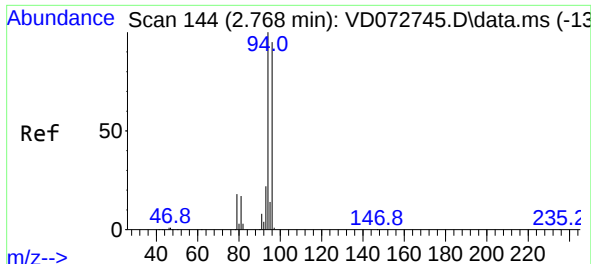


#4
Vinyl Chloride
Concen: 41.917 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



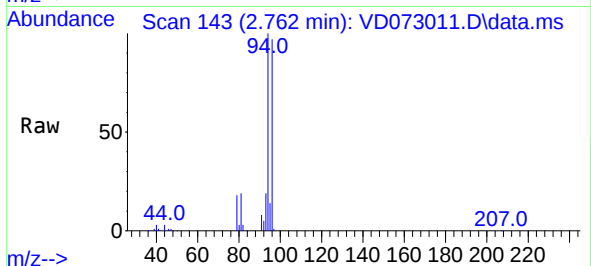
Tgt Ion: 62 Resp: 163868
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0





#5
Bromomethane
Concen: 47.820 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

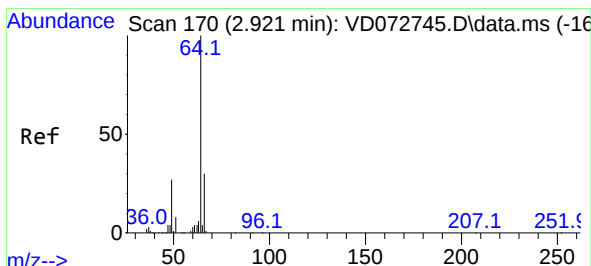
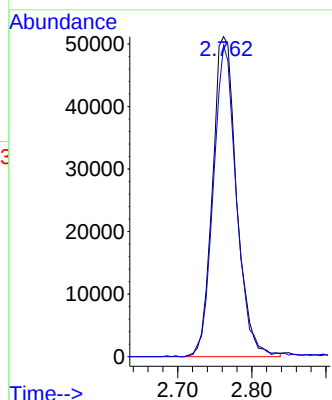
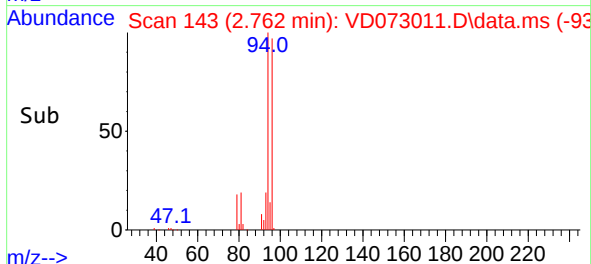
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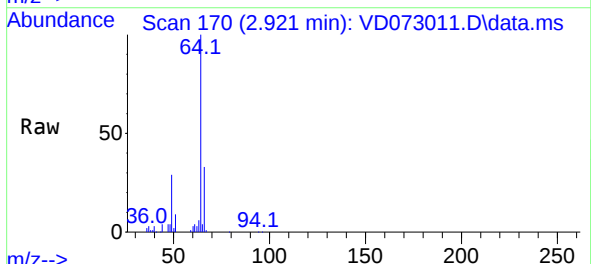
Tgt Ion: 94 Resp: 11515
Ion Ratio Lower Upper
94 100
96 97.3 77.6 116.4

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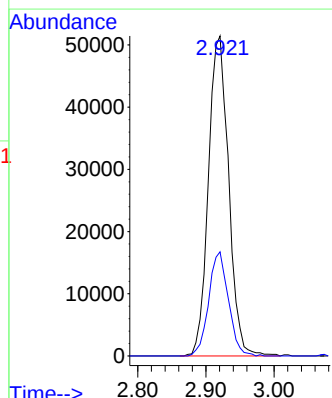
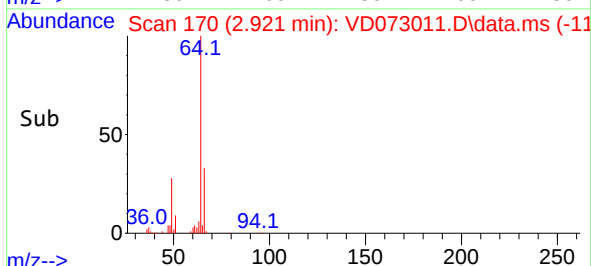
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#6
Chloroethane
Concen: 43.617 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



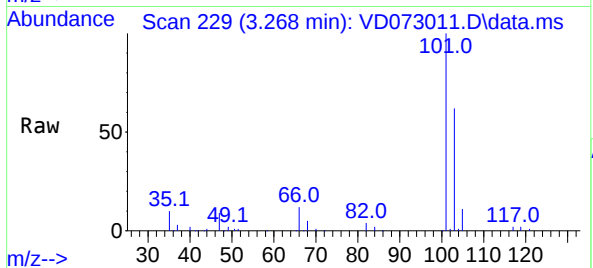
Tgt Ion: 64 Resp: 106273
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 44.129 ug/l
RT: 3.268 min Scan# 211
Delta R.T. -0.005 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

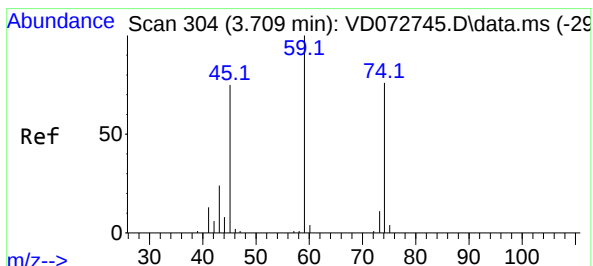
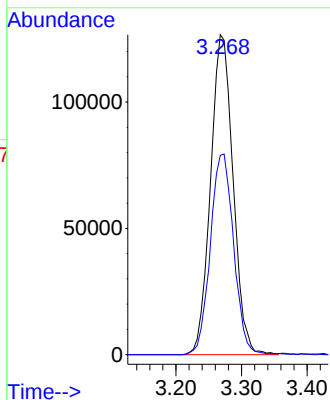
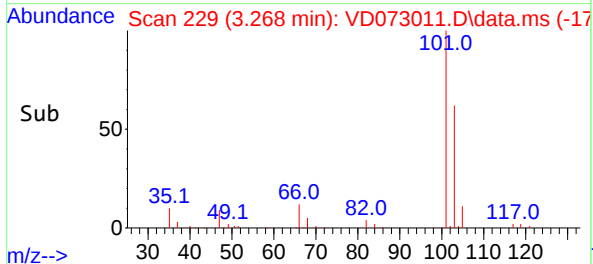
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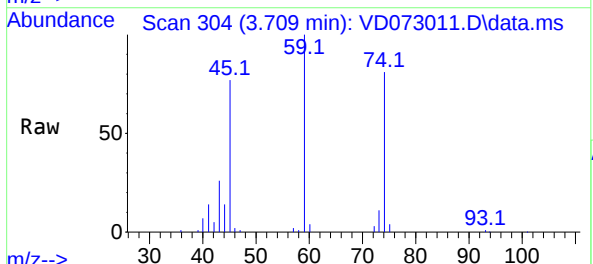
Tgt Ion:101 Resp: 302094
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

Manual Integrations
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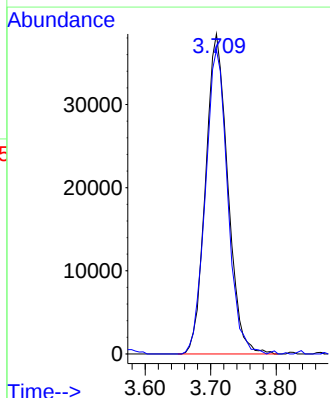
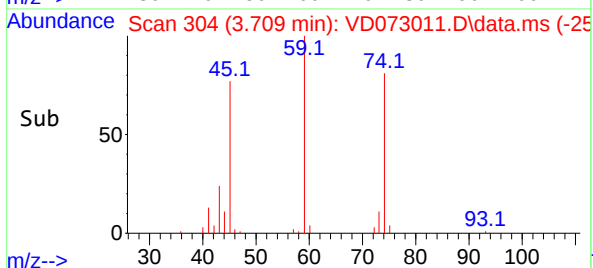
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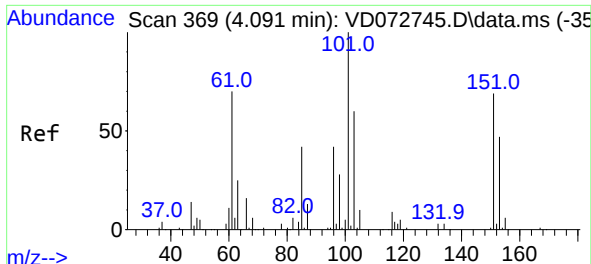


#8
Diethyl Ether
Concen: 46.255 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



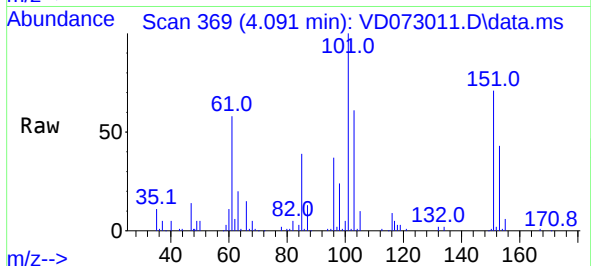
Tgt Ion: 74 Resp: 90780
Ion Ratio Lower Upper
74 100
45 94.7 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.271 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

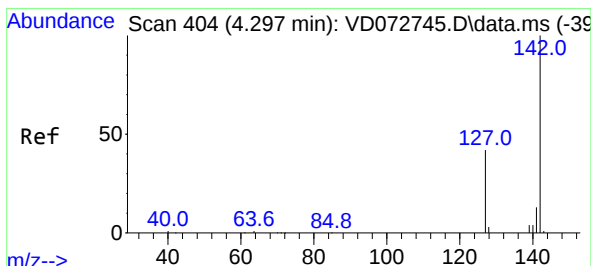
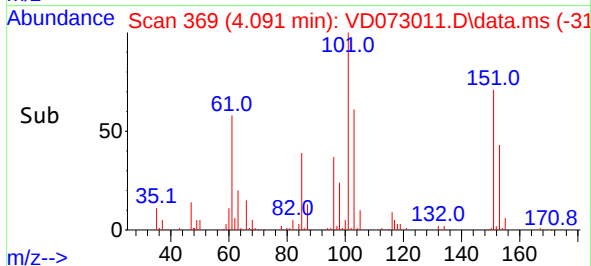
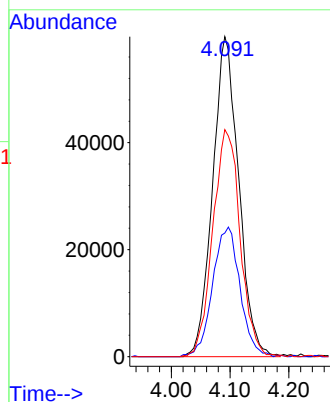
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 18399
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 74.4 57.3 85.9

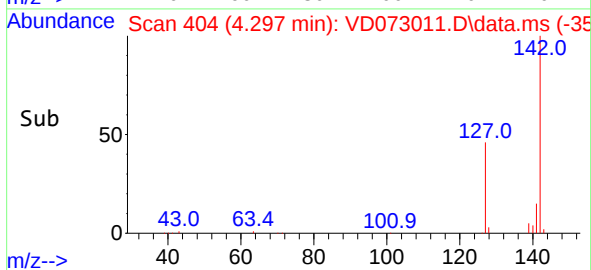
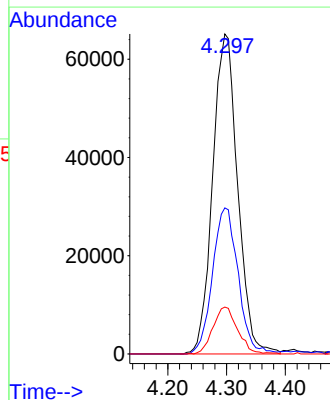
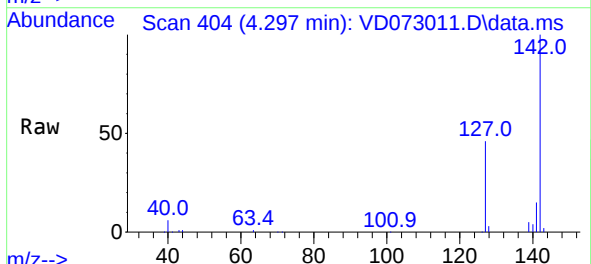
Manual Integrations
APPROVED

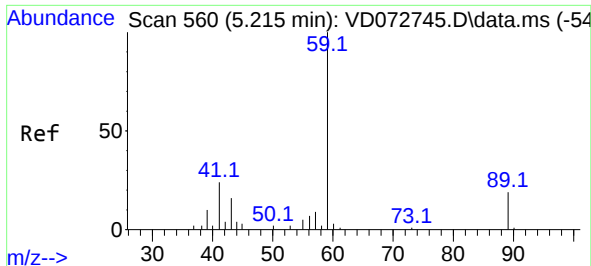
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 47.153 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

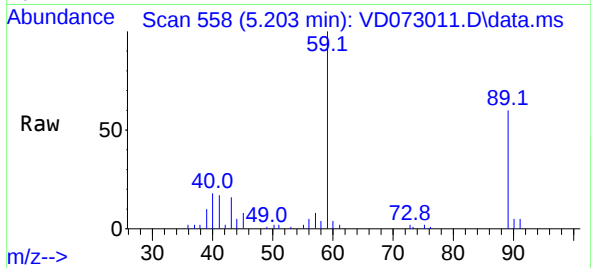
Tgt Ion:142 Resp: 192322
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 14.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 248.847 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

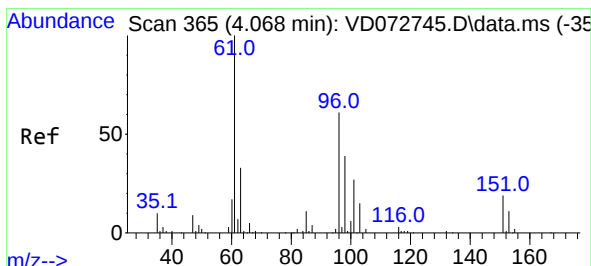
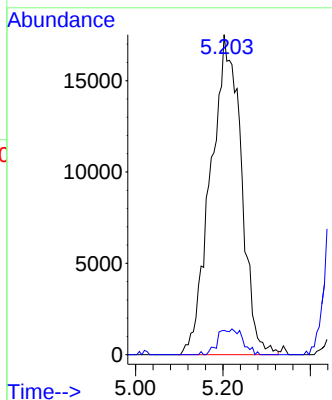
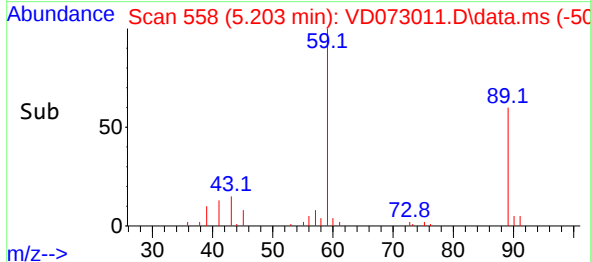
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



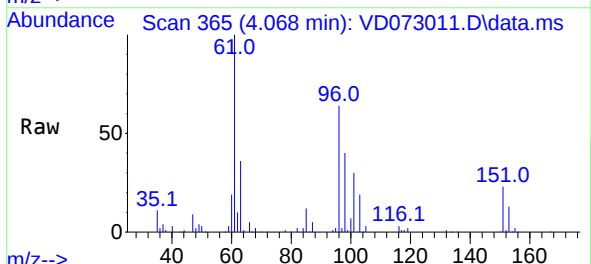
Tgt Ion: 59 Resp: 84729
Ion Ratio Lower Upper
59 100
57 3.2 7.8 11.6

Manual Integrations
APPROVED

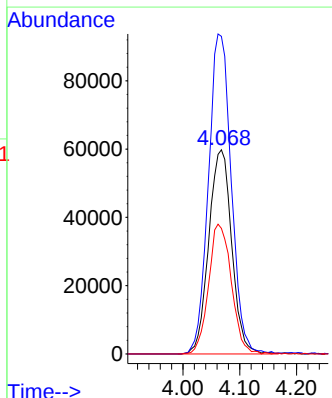
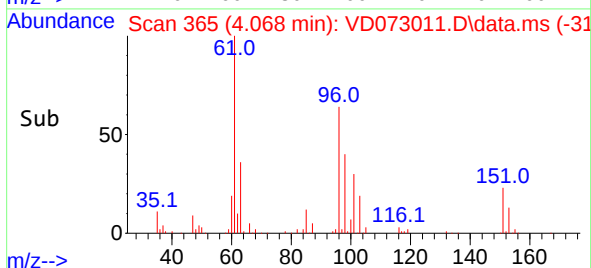
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

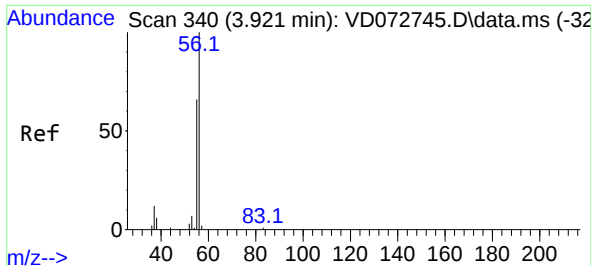


#12
1,1-Dichloroethene
Concen: 45.953 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



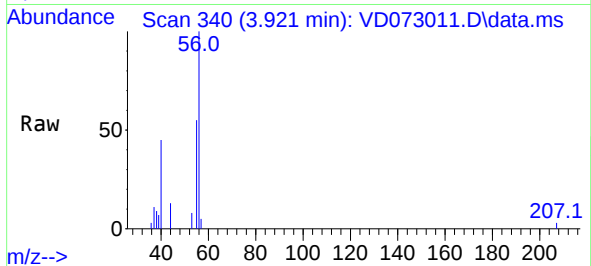
Tgt Ion: 96 Resp: 167987
Ion Ratio Lower Upper
96 100
61 155.5 138.5 207.7
98 61.5 48.6 73.0





#13
Acrolein
Concen: 77.456 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

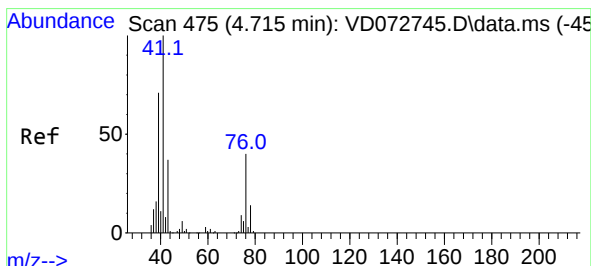
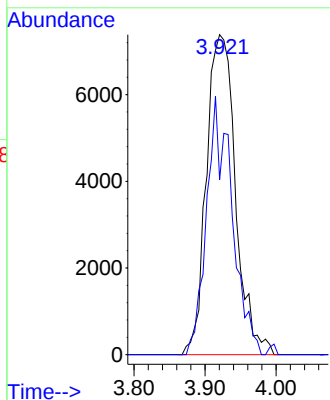
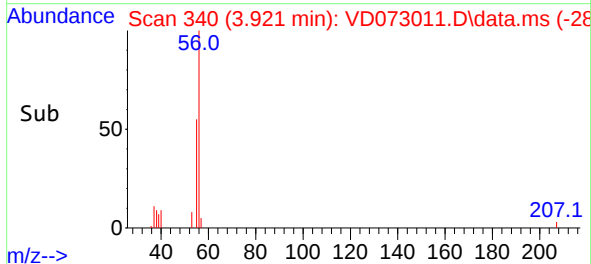
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



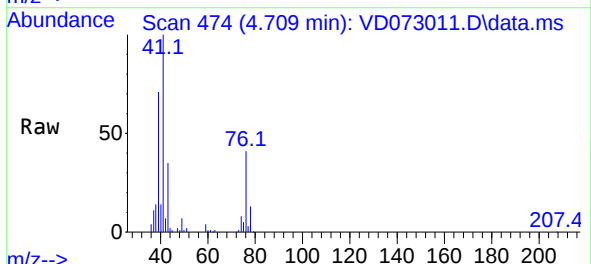
Tgt Ion: 56 Resp: 21062
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

Manual Integrations
APPROVED

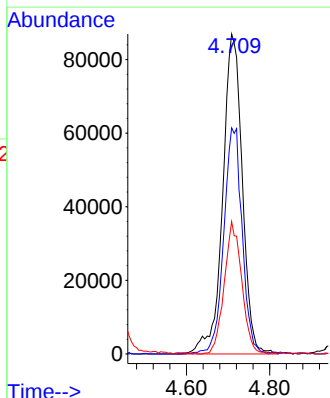
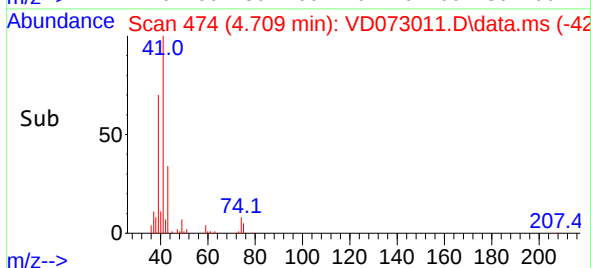
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

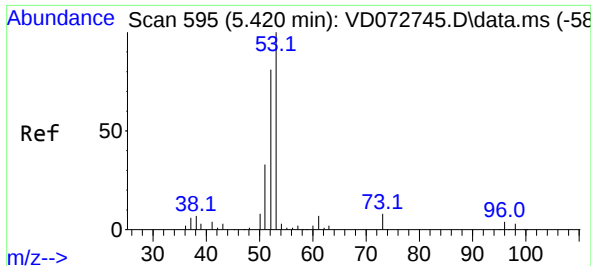


#14
Allyl chloride
Concen: 48.196 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



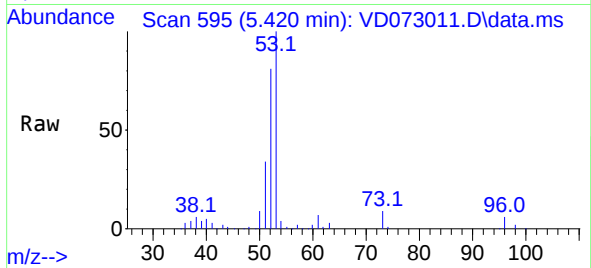
Tgt Ion: 41 Resp: 284449
Ion Ratio Lower Upper
41 100
39 66.4 59.3 88.9
76 37.0 25.7 38.5





#15
Acrylonitrile
Concen: 231.079 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

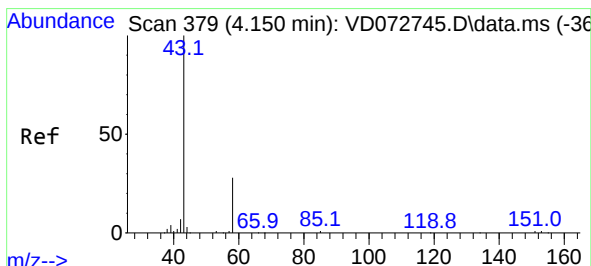
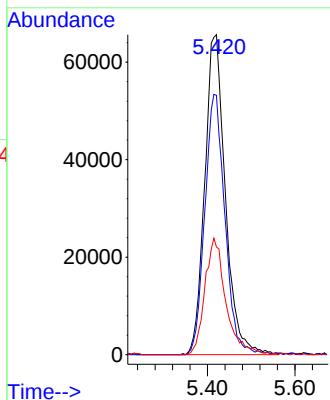
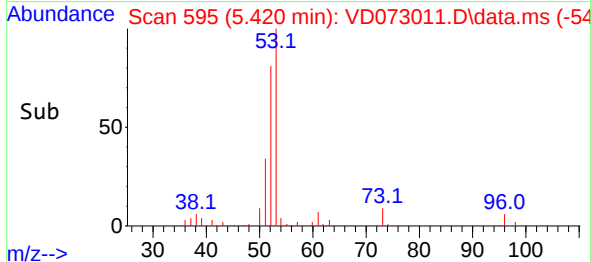
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



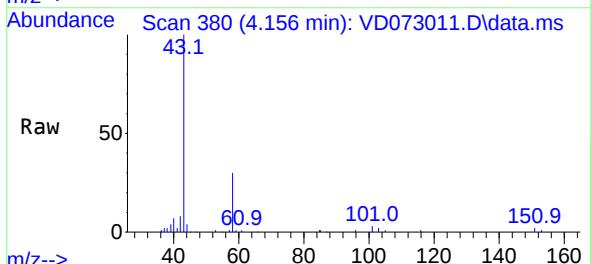
Tgt Ion: 53 Resp: 215530
Ion Ratio Lower Upper
53 100
52 79.4 67.2 100.8
51 37.0 30.3 45.5

Manual Integrations
APPROVED

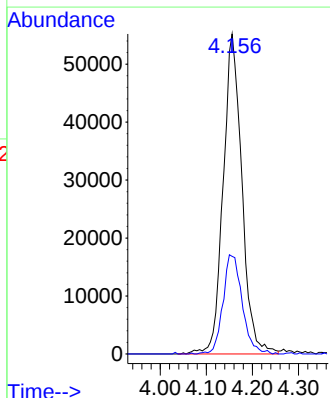
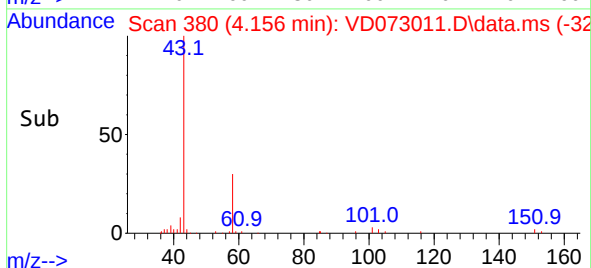
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

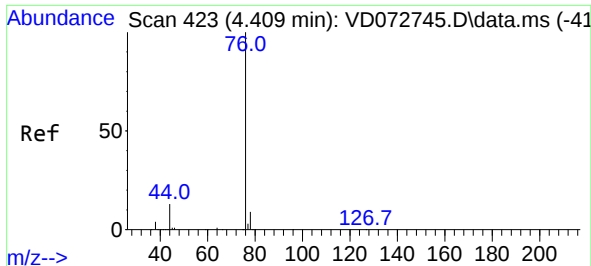


#16
Acetone
Concen: 208.891 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion: 43 Resp: 155553
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1





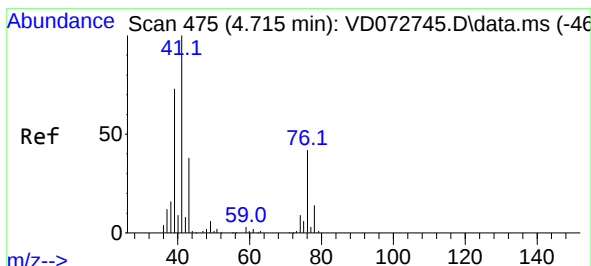
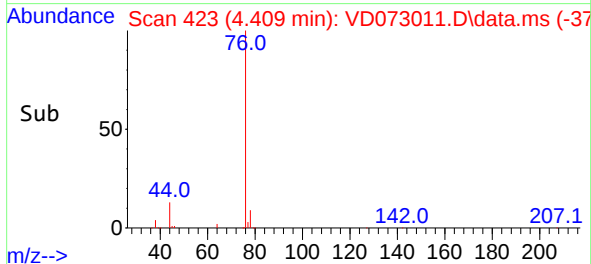
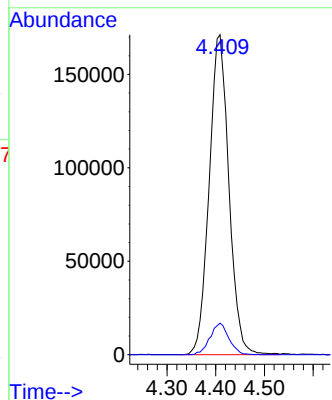
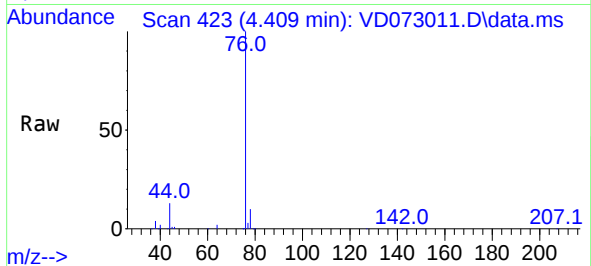
#17
Carbon Disulfide
Concen: 41.833 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 48084
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

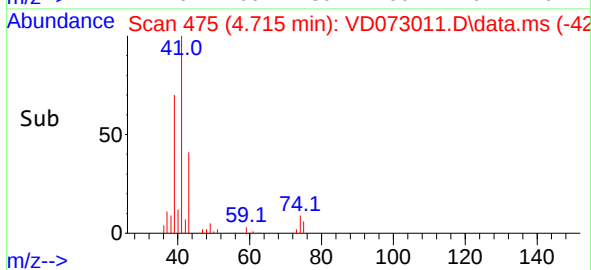
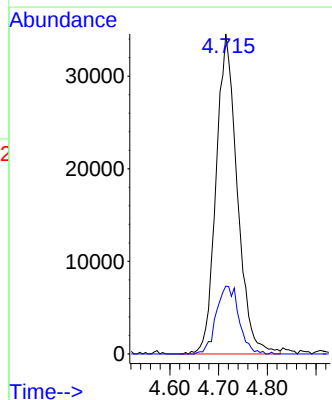
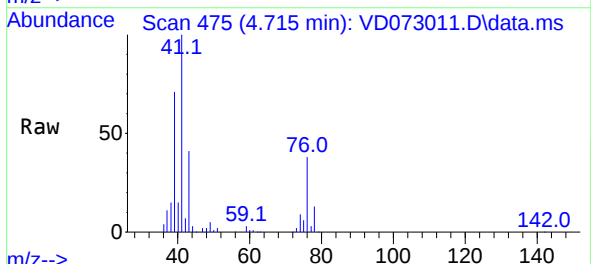
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 48.778 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 43 Resp: 104467
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1





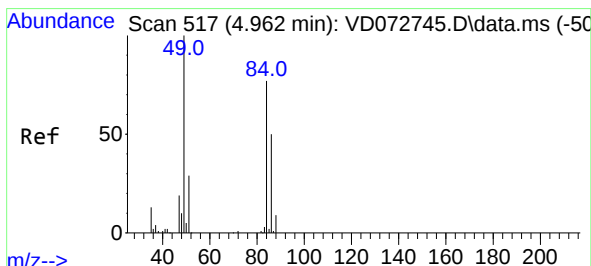
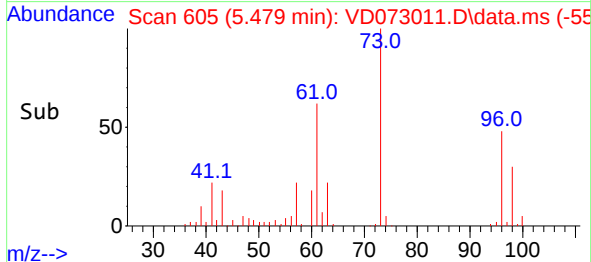
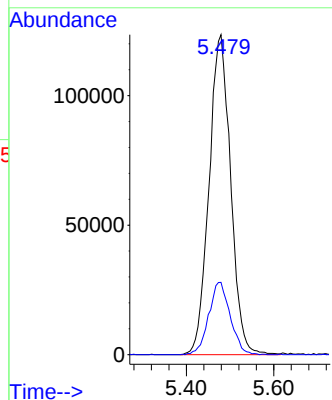
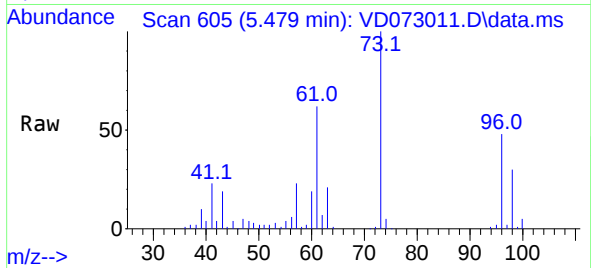
#19
Methyl tert-butyl Ether
Concen: 48.325 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 423495
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0

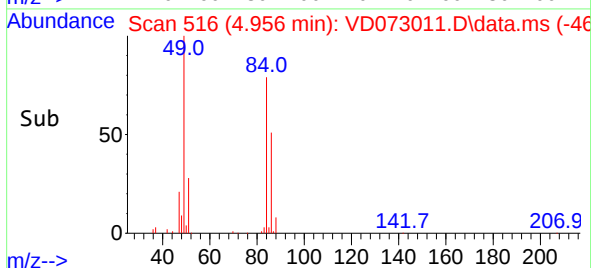
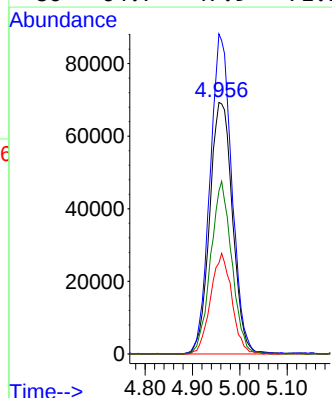
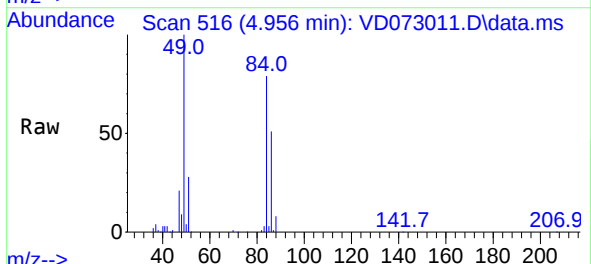
Manual Integrations
APPROVED

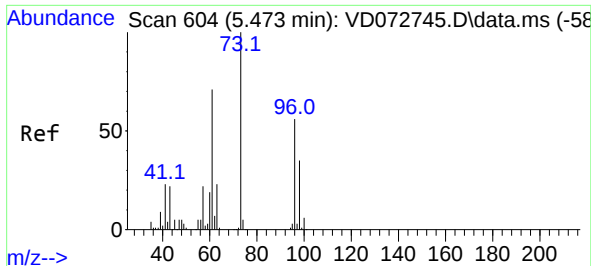
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#20
Methylene Chloride
Concen: 49.212 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

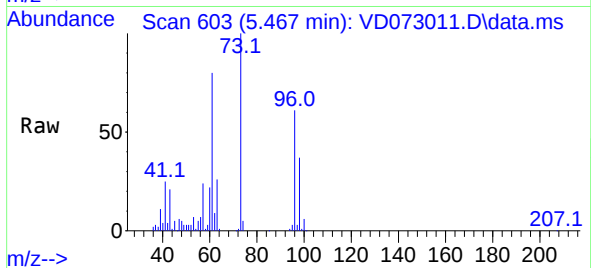
Tgt Ion: 84 Resp: 232111
Ion Ratio Lower Upper
84 100
49 127.2 112.8 169.2
51 36.1 32.6 48.8
86 64.7 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 48.389 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

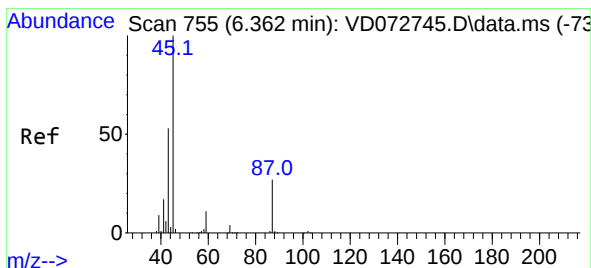
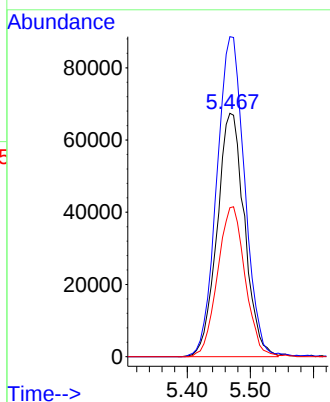
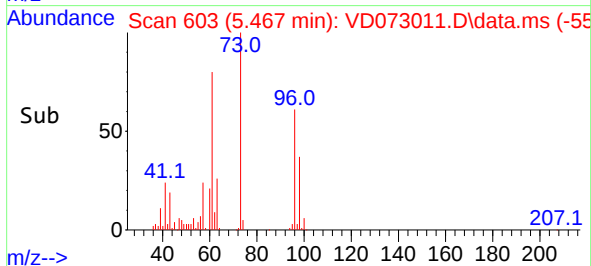
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 202870
Ion Ratio Lower Upper
96 100
61 131.5 117.9 176.9
98 61.2 49.4 74.2

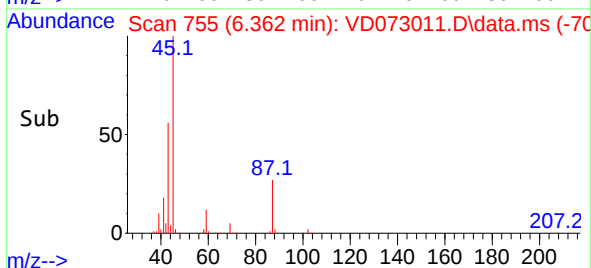
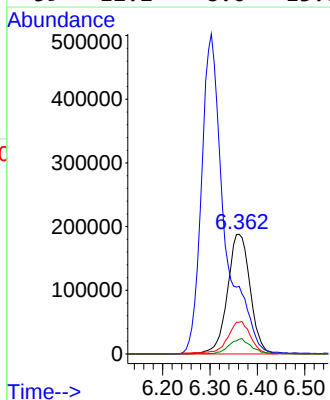
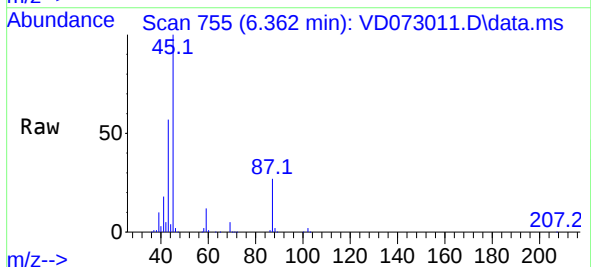
Manual Integrations
APPROVED

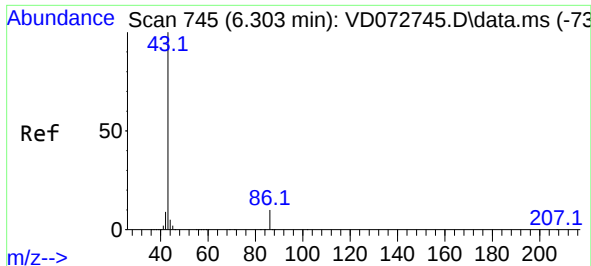
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#22
Diisopropyl ether
Concen: 48.096 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

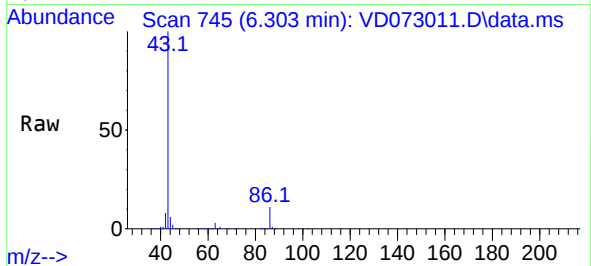
Tgt Ion: 45 Resp: 624423
Ion Ratio Lower Upper
45 100
43 56.4 46.6 70.0
87 26.4 18.4 27.6
59 12.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 236.687 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

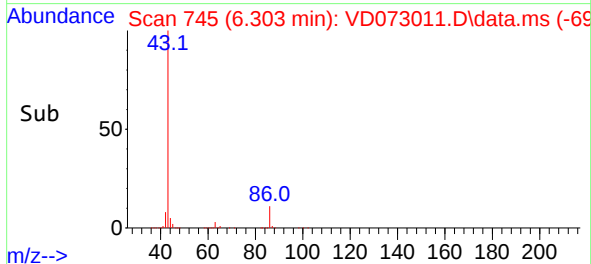
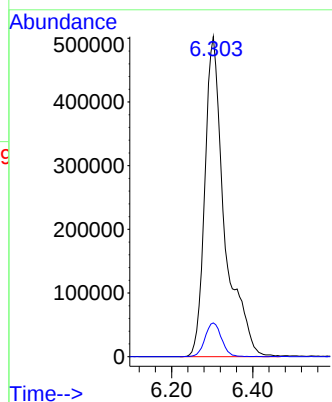
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 169751
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

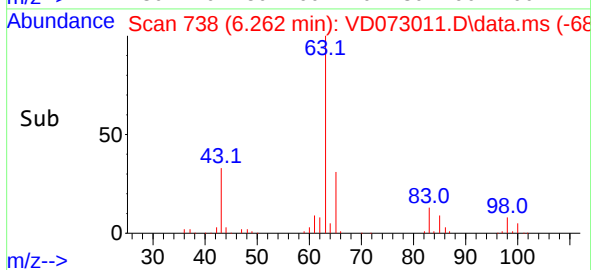
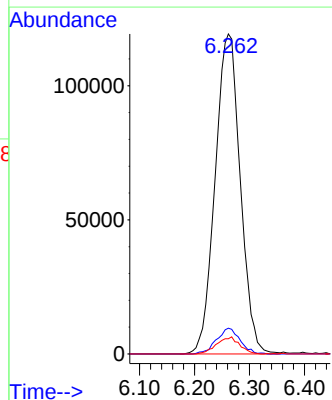
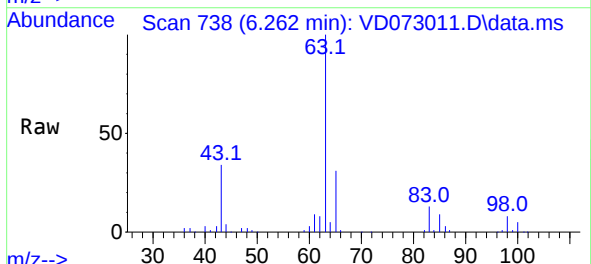
Manual Integrations
 APPROVED

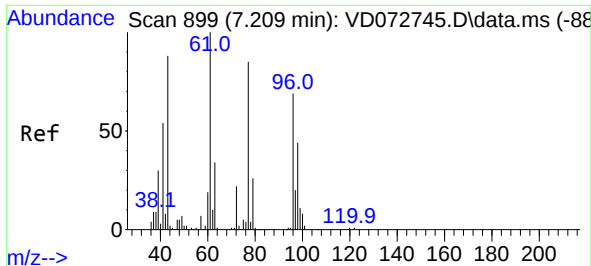
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#24
 1,1-Dichloroethane
 Concen: 48.584 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion: 63 Resp: 378968
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.8 2.1 6.5





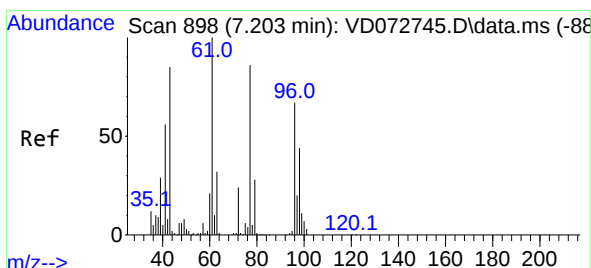
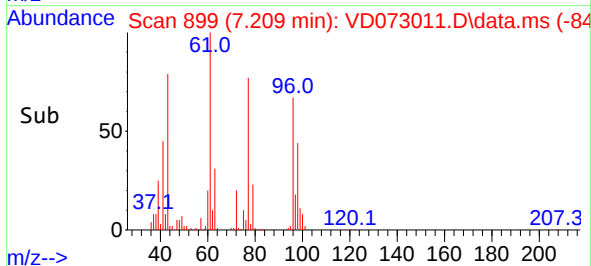
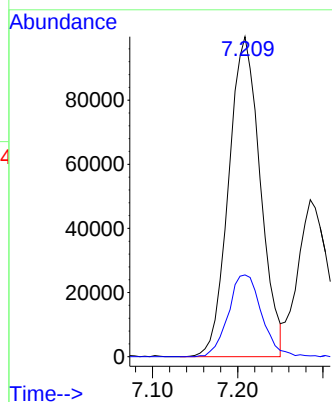
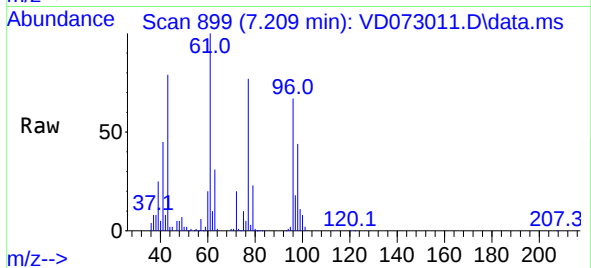
#25
2-Butanone
Concen: 224.495 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25741
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8

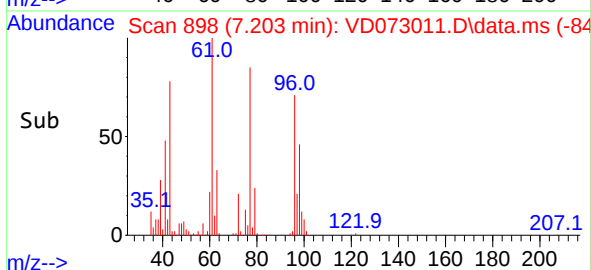
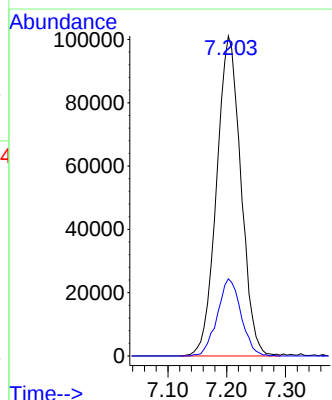
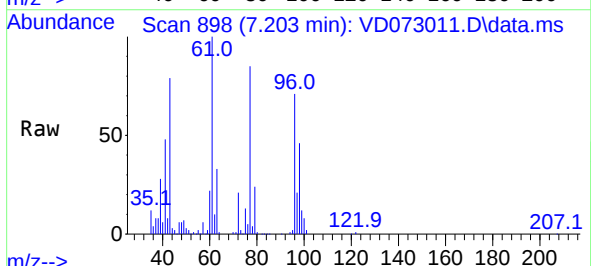
Manual Integrations
APPROVED

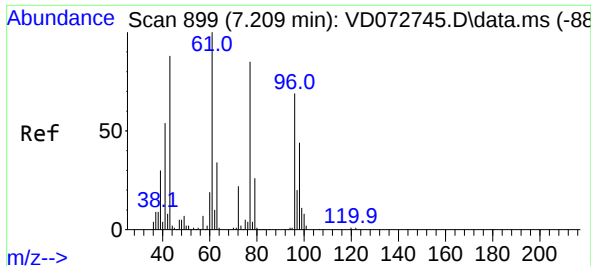
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#26
2,2-Dichloropropane
Concen: 44.038 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

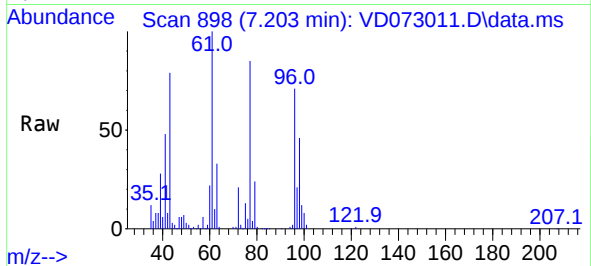
Tgt Ion: 77 Resp: 290395
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.999 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

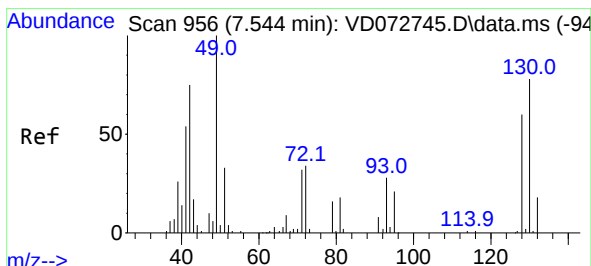
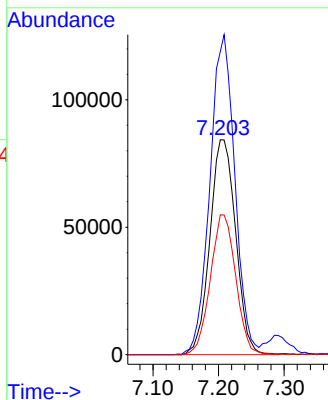
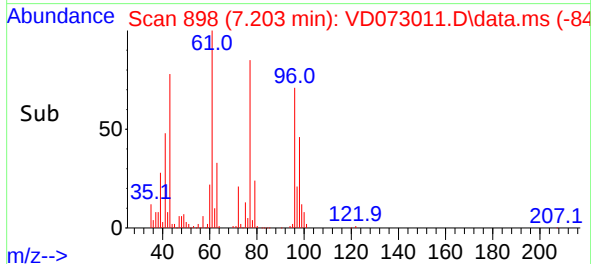
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



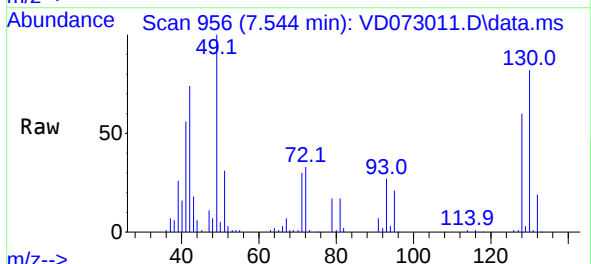
Tgt Ion: 96 Resp: 23048
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 313.8
 98 64.1 0.0 128.8

Manual Integrations
 APPROVED

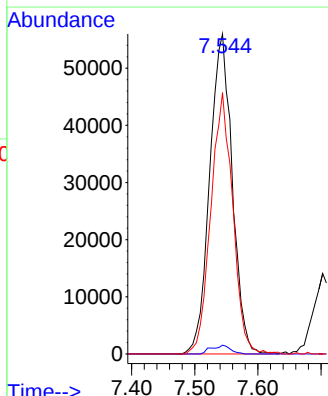
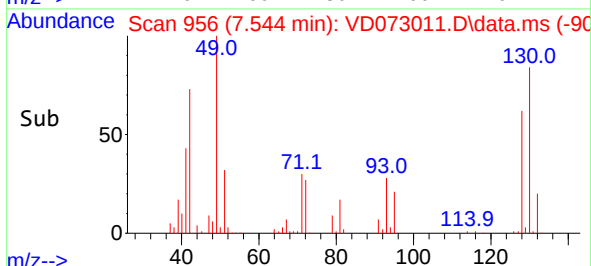
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

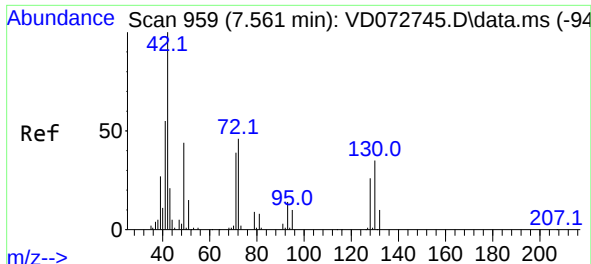


#28
 Bromochloromethane
 Concen: 47.822 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59



Tgt Ion: 49 Resp: 139105
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 79.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 230.428 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16841

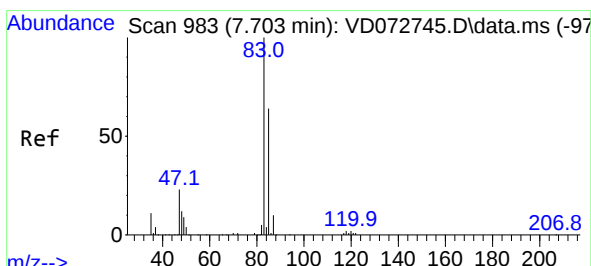
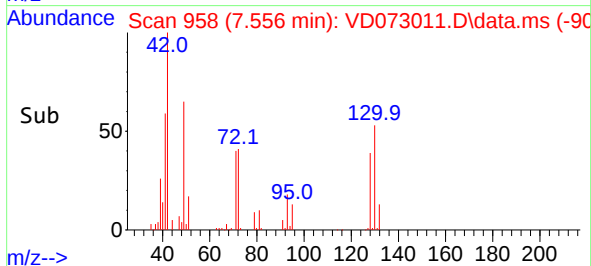
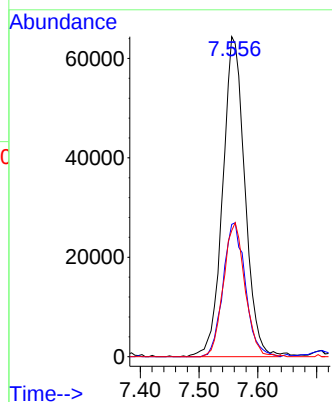
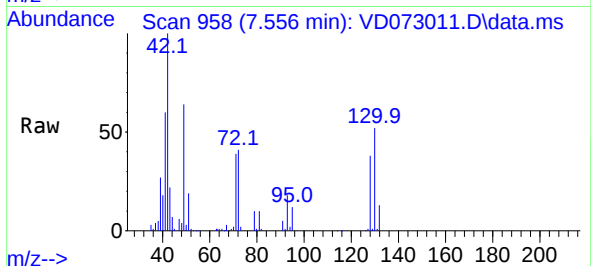
Ion	Ratio	Lower	Upper
42	100		
72	42.1	30.7	46.1
71	40.8	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#30

Chloroform

Concen: 48.207 ug/l

RT: 7.703 min Scan# 983

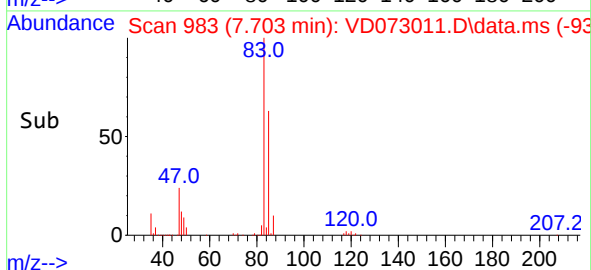
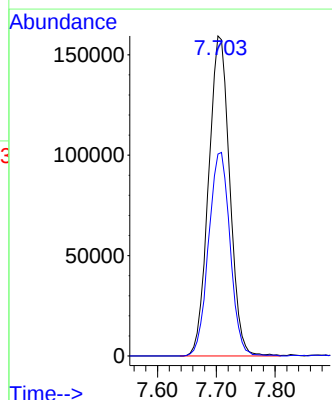
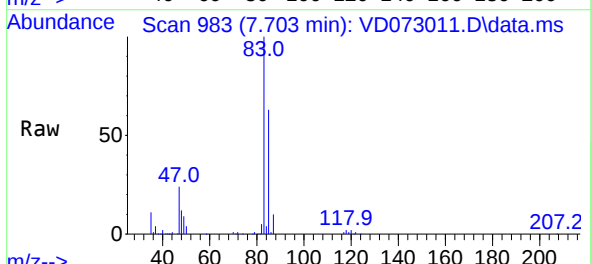
Delta R.T. -0.000 min

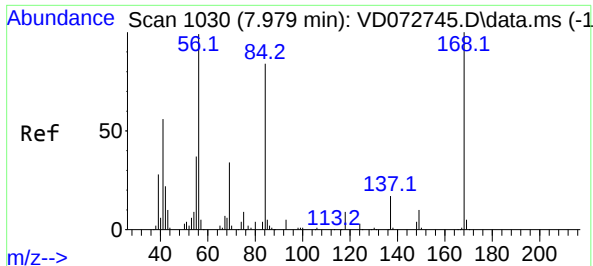
Lab File: VD073011.D

Acq: 14 May 2022 01:59

Tgt Ion: 83 Resp: 397878

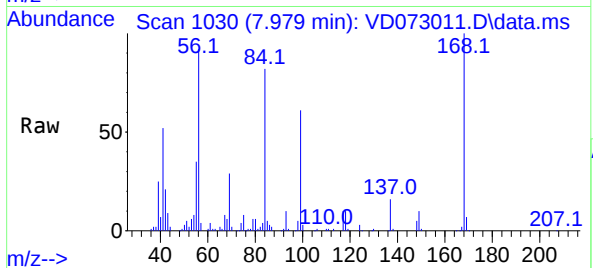
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.7	79.1





#31
Cyclohexane
Concen: 43.688 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

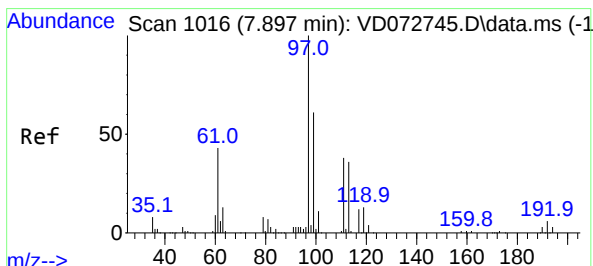
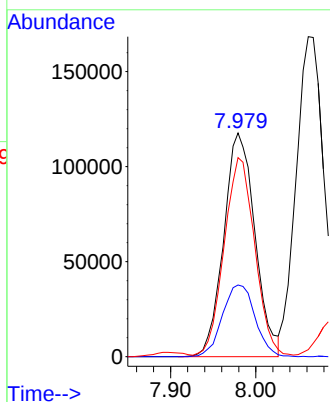
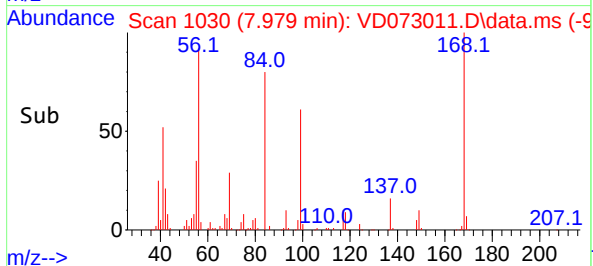
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



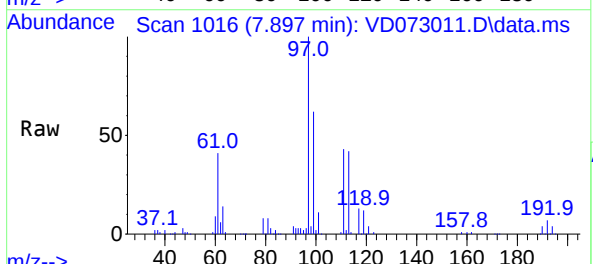
Tgt Ion: 56 Resp: 300538
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.2
84 87.4 63.0 94.4

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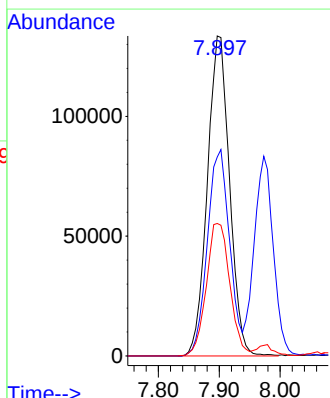
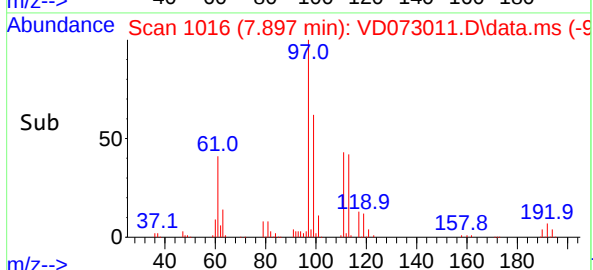
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

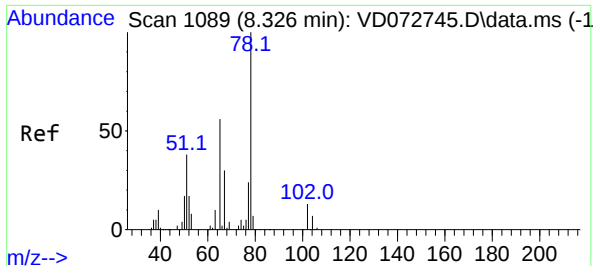


#32
1,1,1-Trichloroethane
Concen: 48.062 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



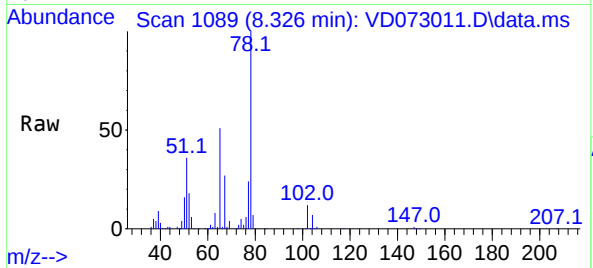
Tgt Ion: 97 Resp: 338079
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 43.9 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 44.863 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

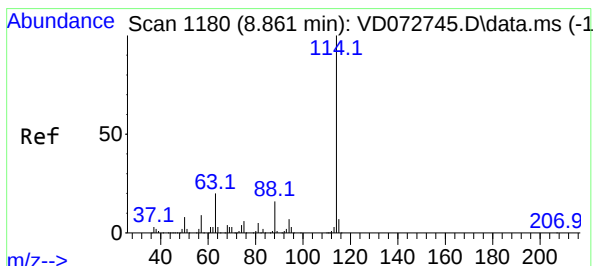
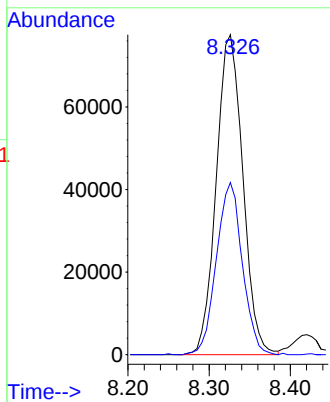
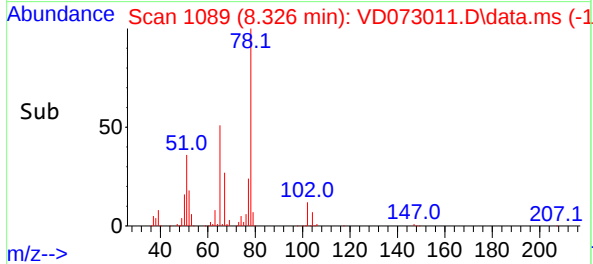
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



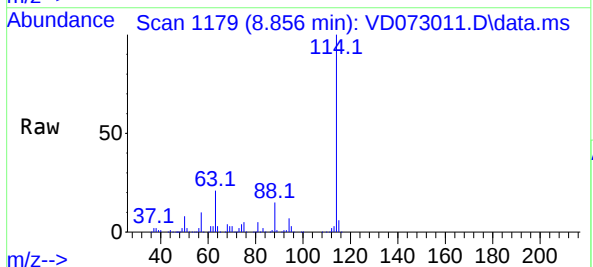
Tgt Ion: 65 Resp: 176548
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

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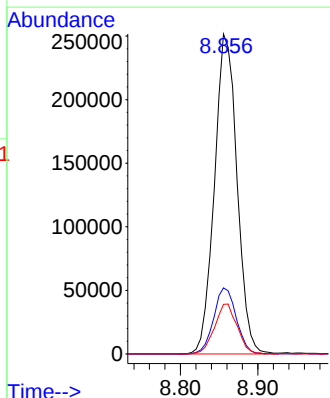
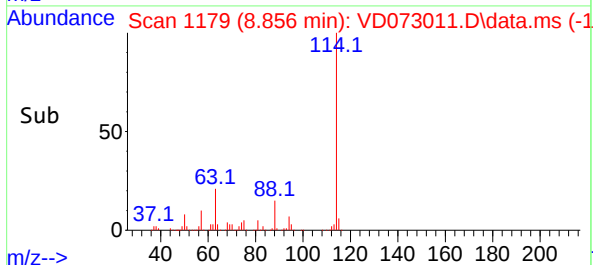
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



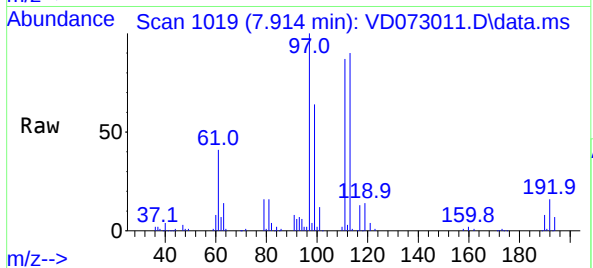
Tgt Ion:114 Resp: 509303
Ion Ratio Lower Upper
114 100
63 20.7 0.0 46.6
88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.016 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

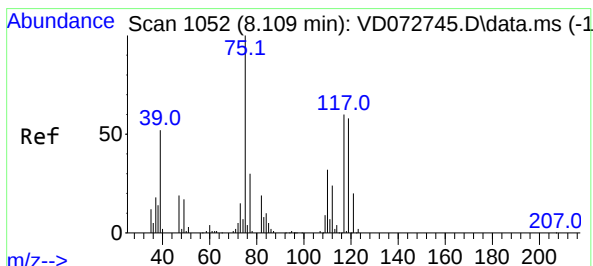
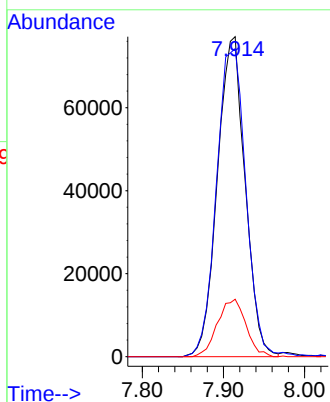
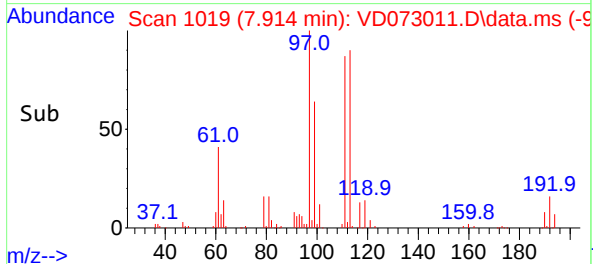
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



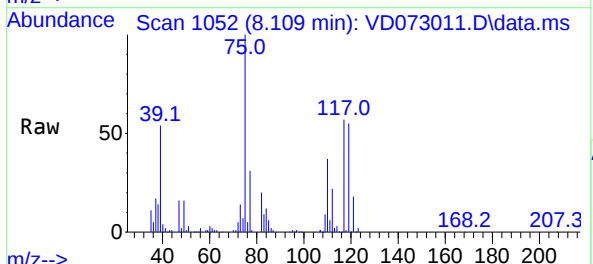
Tgt Ion: 113 Resp: 182480
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.4 14.6 21.8

Manual Integrations
APPROVED

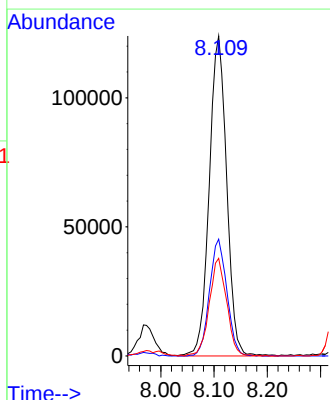
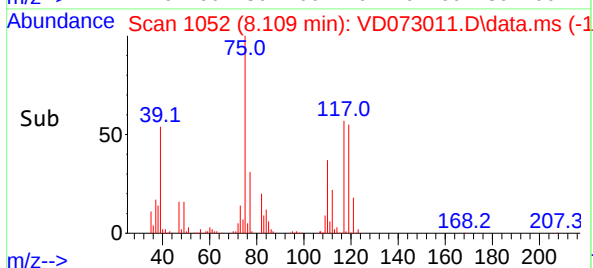
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

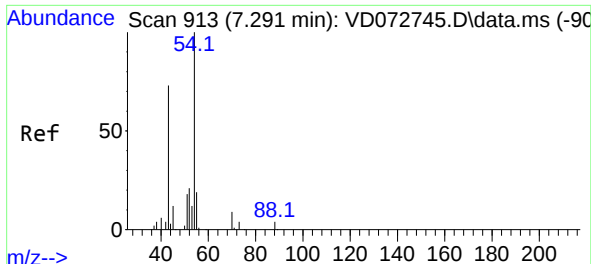


#36
1,1-Dichloropropene
Concen: 48.339 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



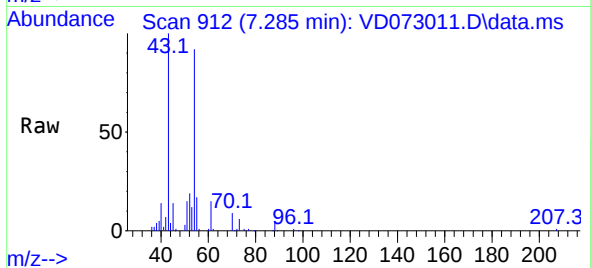
Tgt Ion: 75 Resp: 281148
Ion Ratio Lower Upper
75 100
110 36.5 16.4 49.1
77 30.5 24.2 36.2





#37
Ethyl Acetate
Concen: 45.849 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

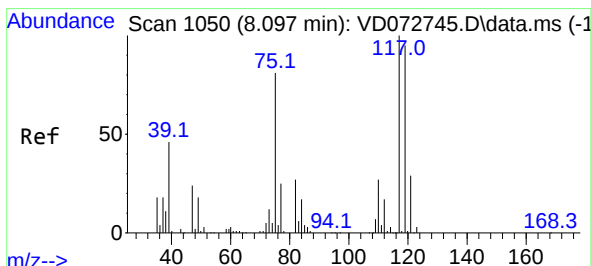
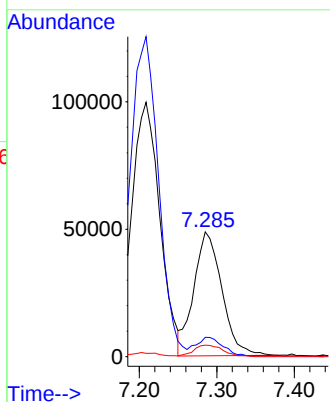
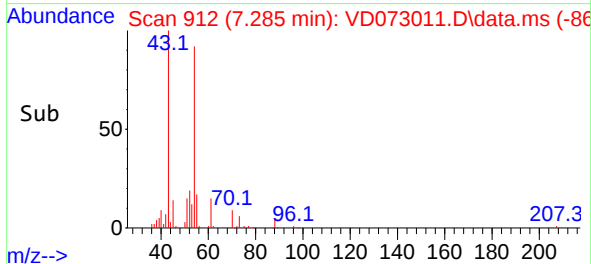
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 122587
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 9.8 6.9 10.3

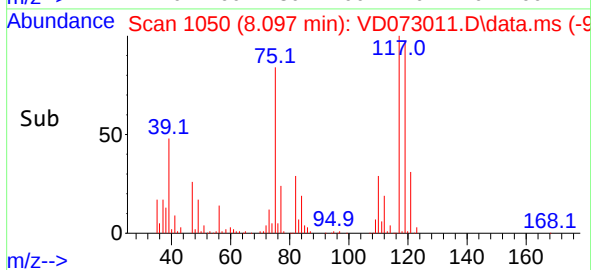
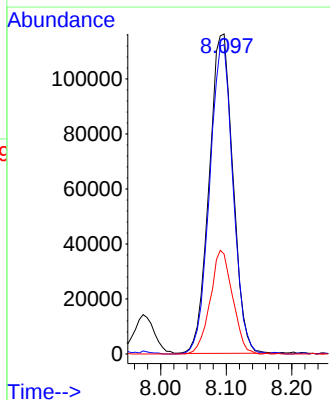
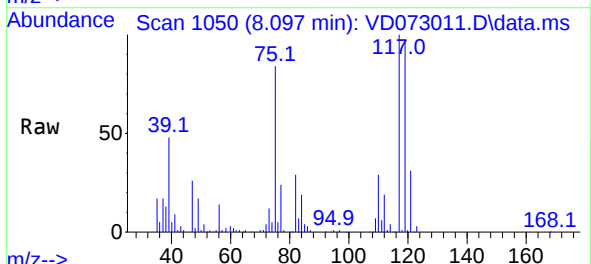
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 48.449 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:117 Resp: 292511
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
121 31.3 24.5 36.7





#39

Methylcyclohexane

Concen: 45.807 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

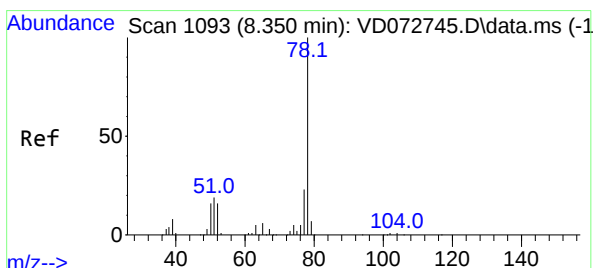
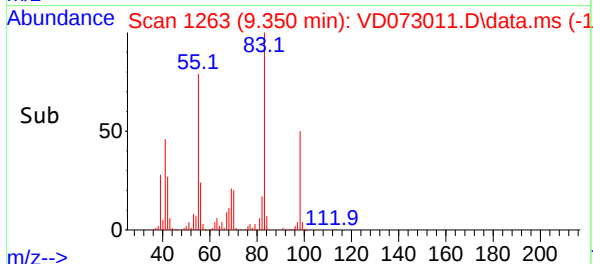
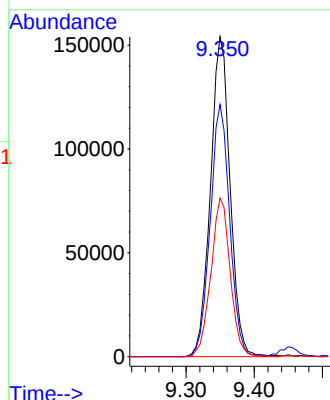
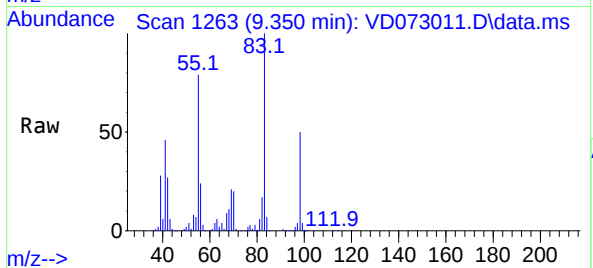
Tgt Ion:	83	Resp:	30902
Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.2	94.8
98	49.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#40

Benzene

Concen: 49.355 ug/l

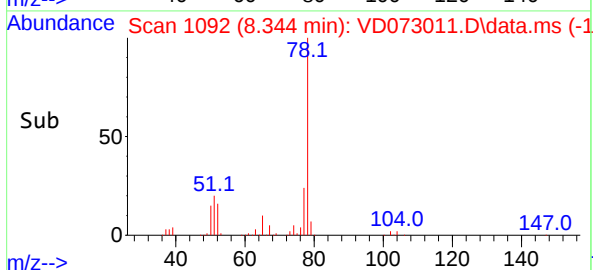
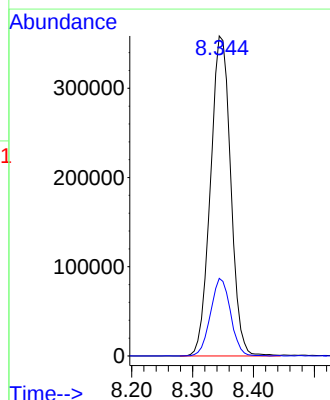
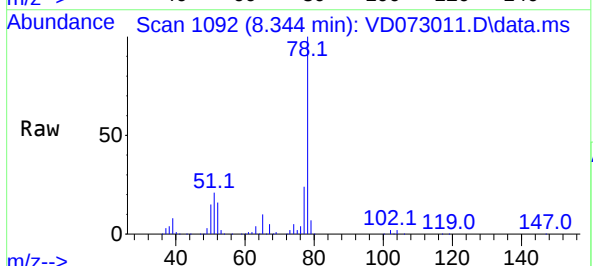
RT: 8.344 min Scan# 1092

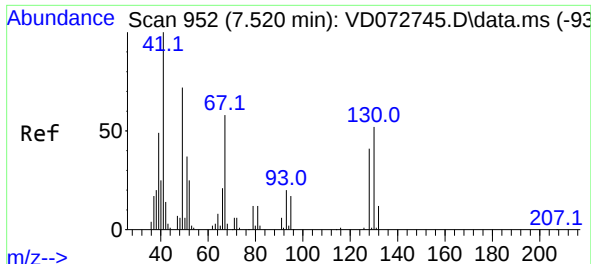
Delta R.T. -0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

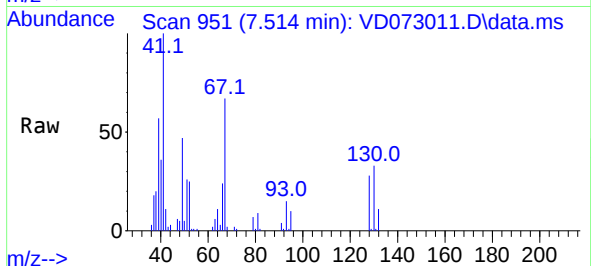
Tgt Ion:	78	Resp:	828965
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





#41
Methacrylonitrile
Concen: 45.790 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

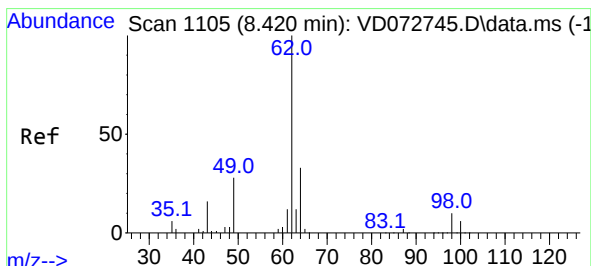
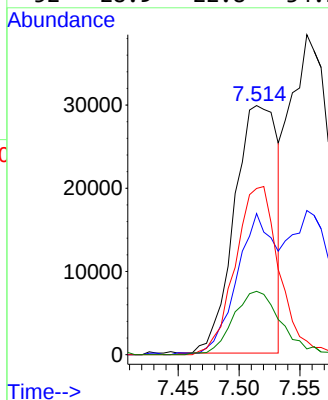
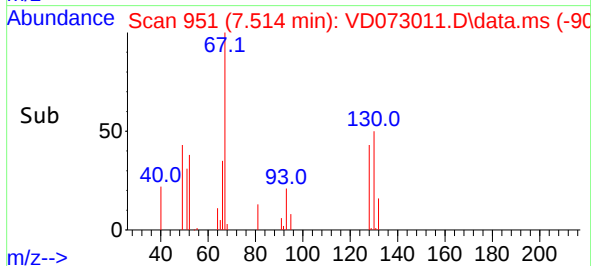
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



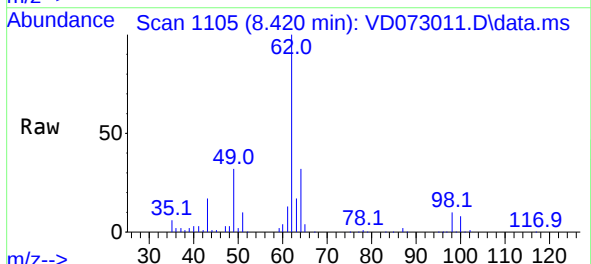
Tgt Ion: 41 Resp: 72898
Ion Ratio Lower Upper
41 100
39 51.0 44.6 67.0
67 69.7 48.2 72.4
52 28.9 22.8 34.2

Manual Integrations
APPROVED

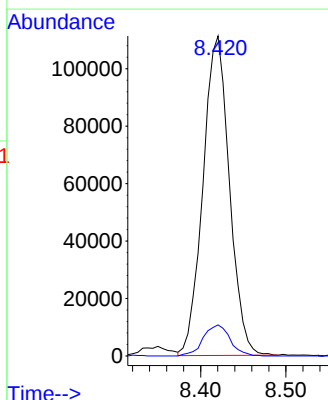
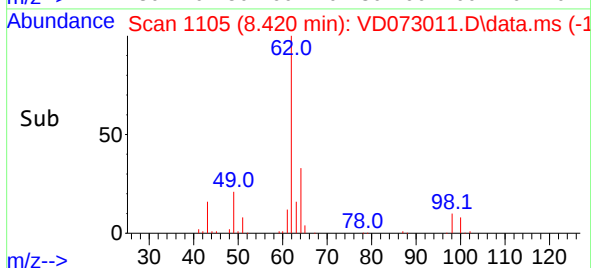
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

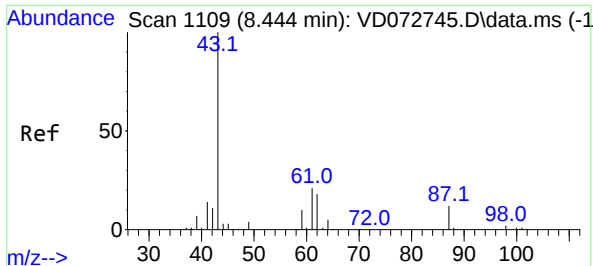


#42
1,2-Dichloroethane
Concen: 47.445 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



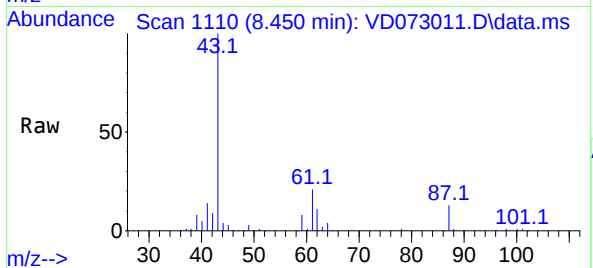
Tgt Ion: 62 Resp: 240140
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.508 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

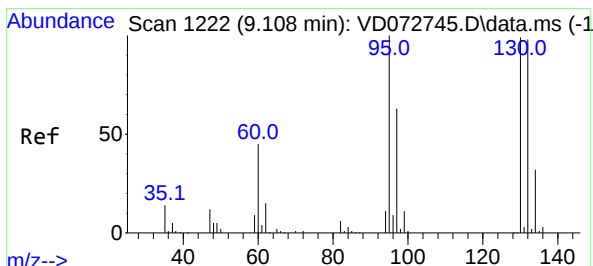
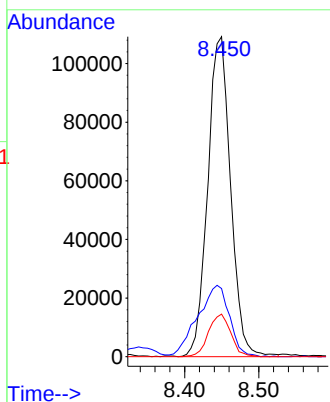
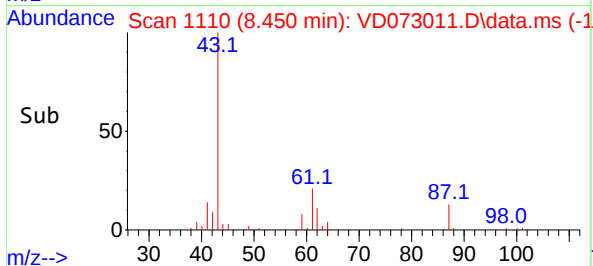
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



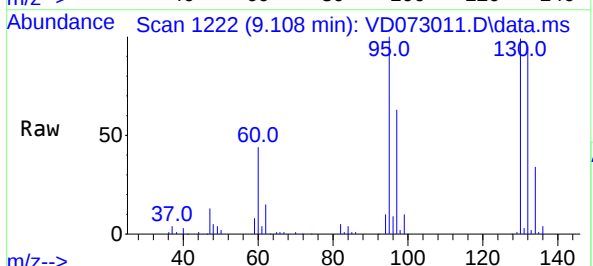
Tgt Ion: 43 Resp: 23444
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 12.9 8.7 13.1

Manual Integrations
APPROVED

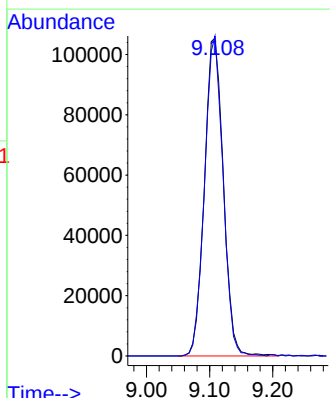
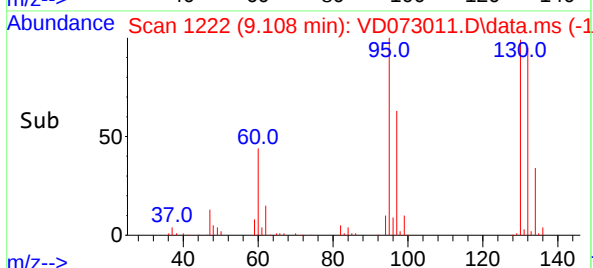
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

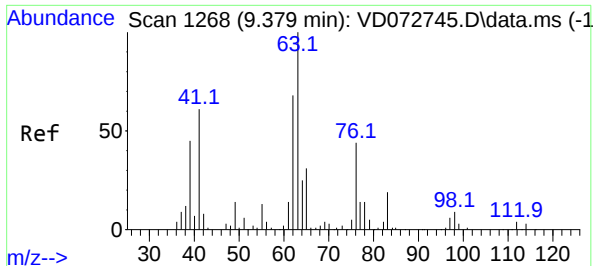


#44
Trichloroethene
Concen: 48.955 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion:130 Resp: 219981
Ion Ratio Lower Upper
130 100
95 100.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.861 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21552

Ion Ratio Lower Upper

63 100

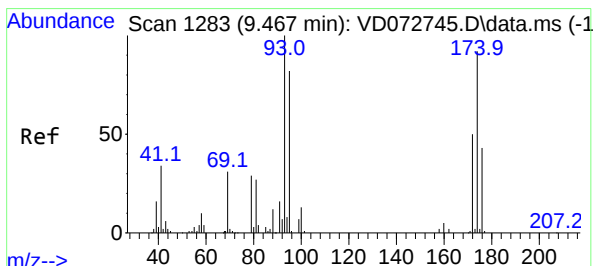
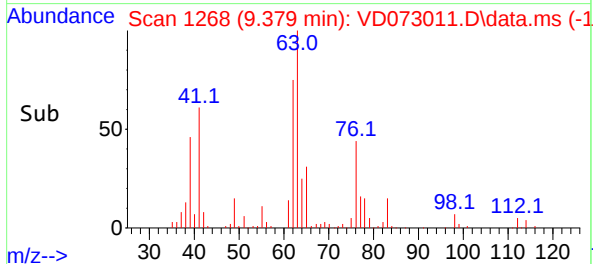
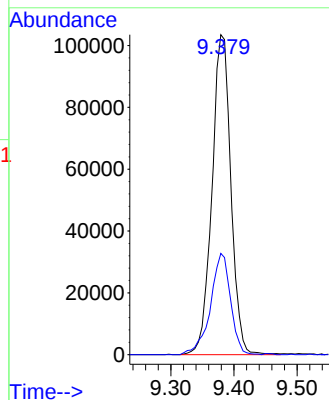
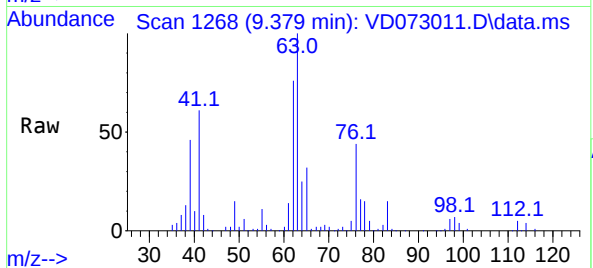
65 31.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#46

Dibromomethane

Concen: 47.418 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

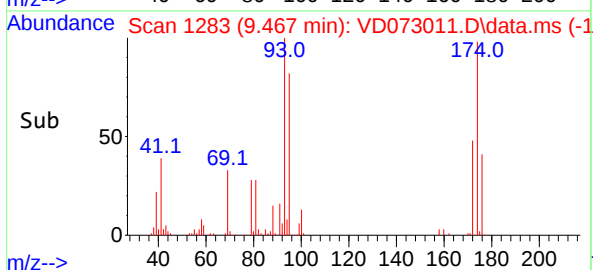
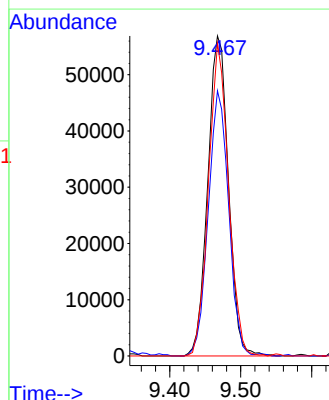
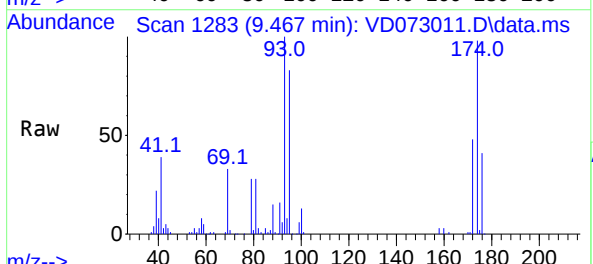
Tgt Ion: 93 Resp: 115375

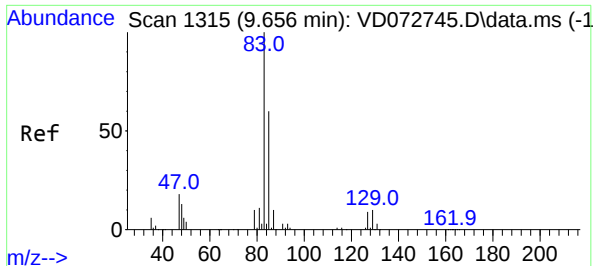
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 94.5 71.6 107.4





#47

Bromodichloromethane

Concen: 48.585 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

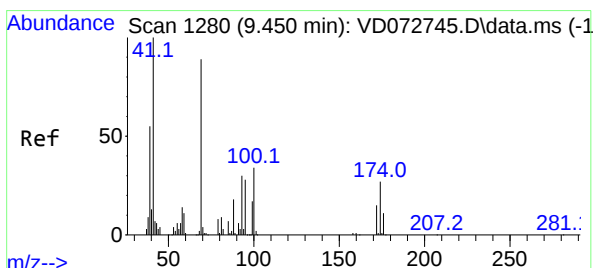
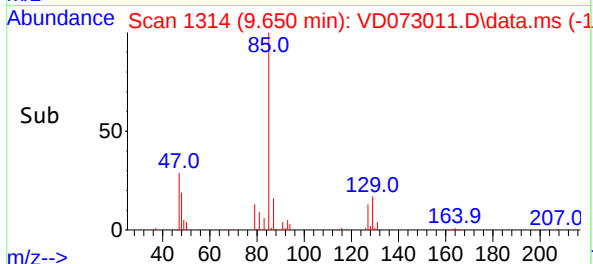
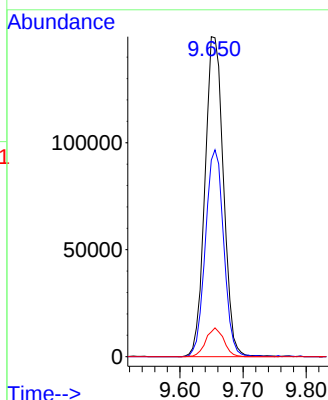
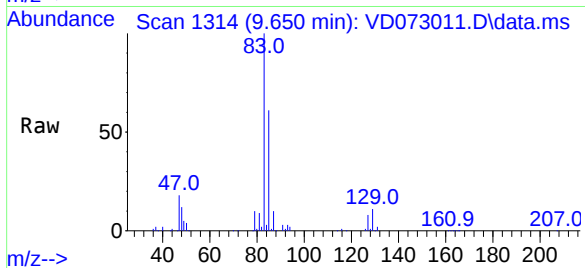
Tgt Ion:	83	Resp:	30411
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.0
127	7.7	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#48

Methyl methacrylate

Concen: 45.825 ug/l

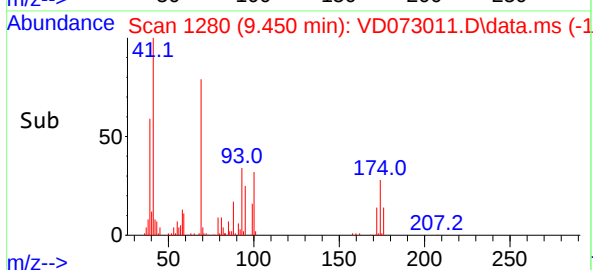
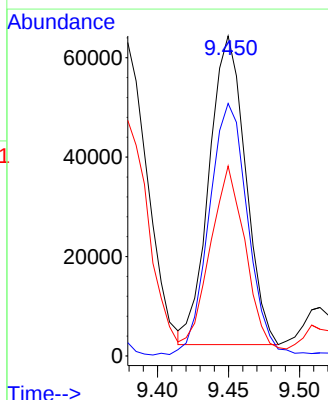
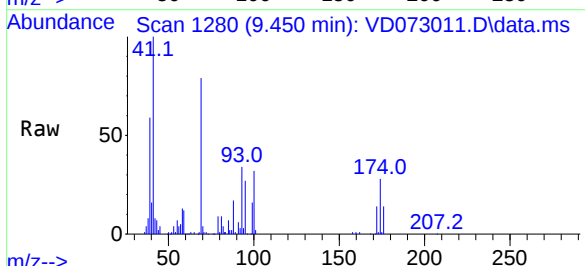
RT: 9.450 min Scan# 1280

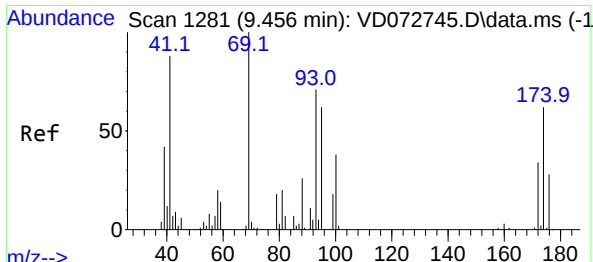
Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

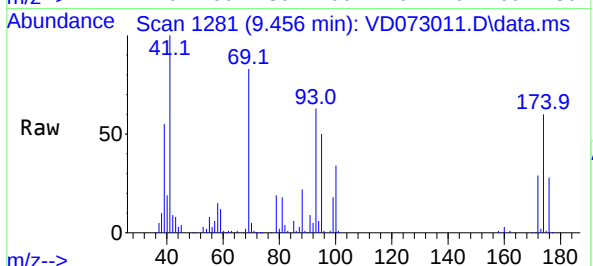
Tgt Ion:	41	Resp:	110632
Ion	Ratio	Lower	Upper
41	100		
69	86.8	56.7	85.1
39	62.0	42.7	64.1





#49
1,4-Dioxane
Concen: 911.437 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

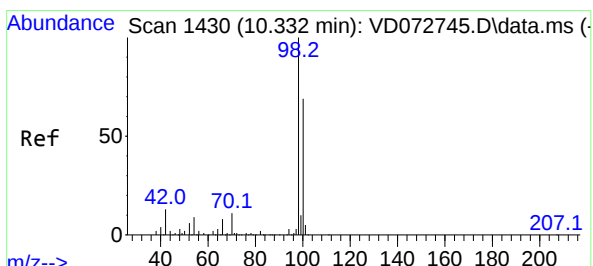
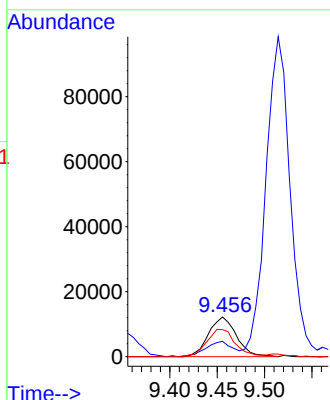
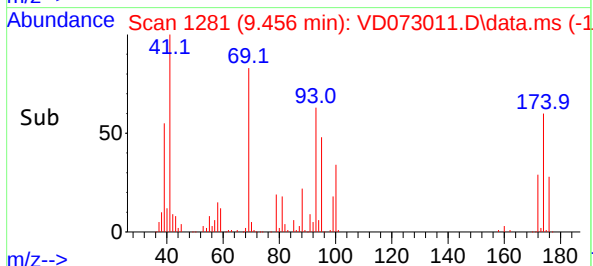
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



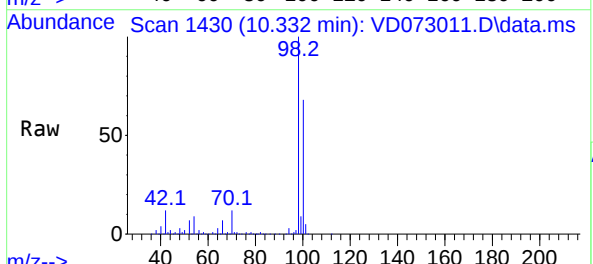
Tgt Ion: 88 Resp: 2497
Ion Ratio Lower Upper
88 100
43 37.3 31.0 46.4
58 69.9 58.1 87.1

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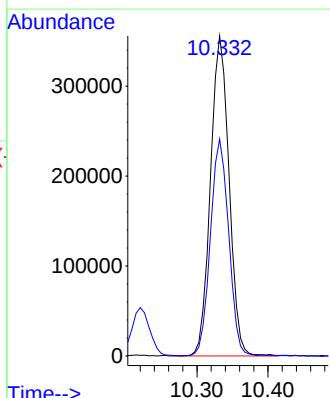
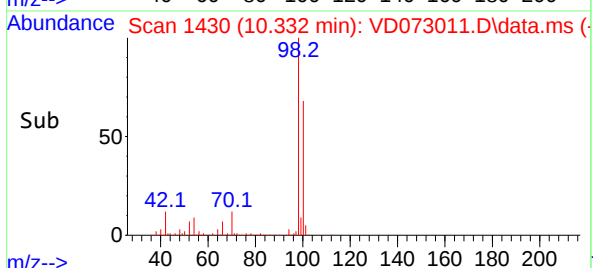
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

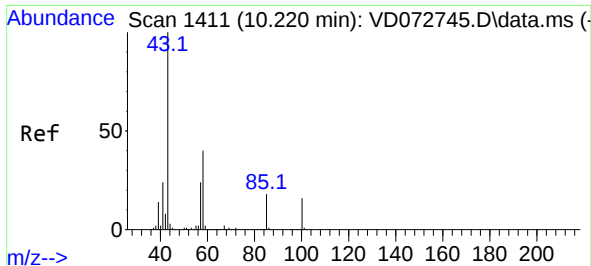


#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion: 98 Resp: 645420
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





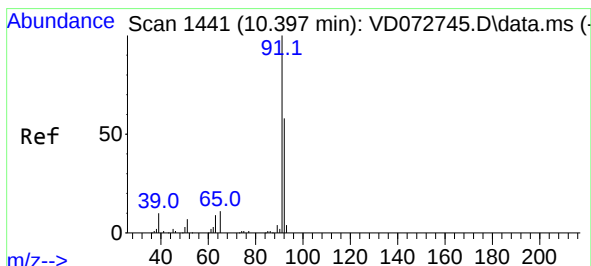
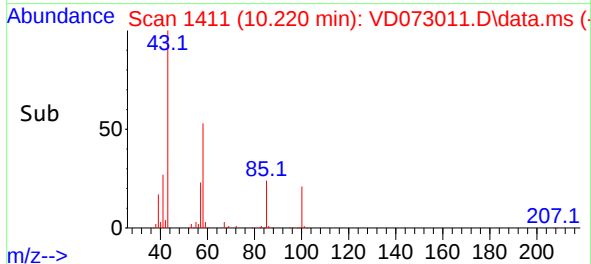
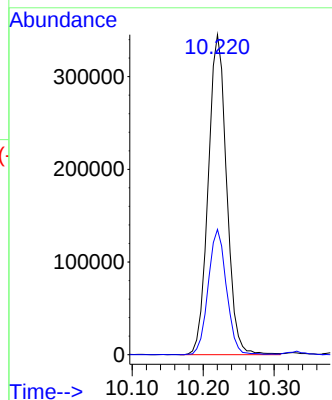
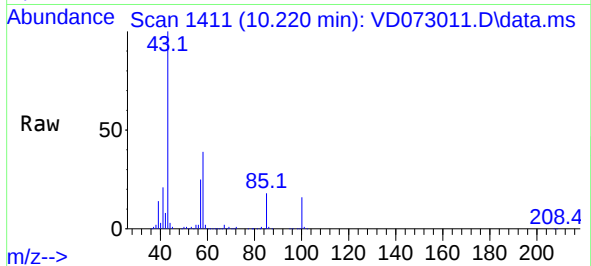
#51
4-Methyl-2-Pentanone
Concen: 242.579 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62205
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0

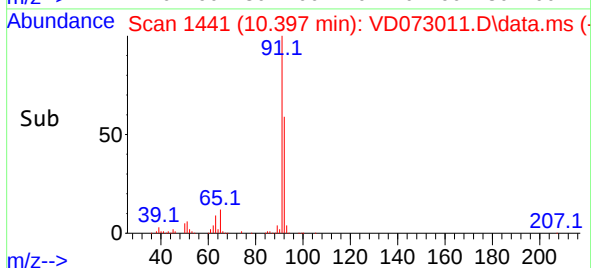
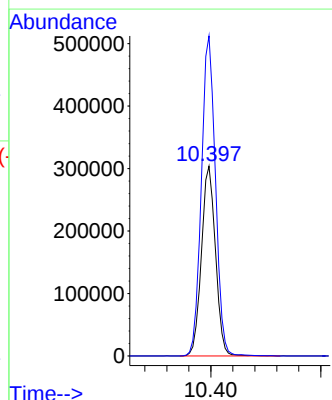
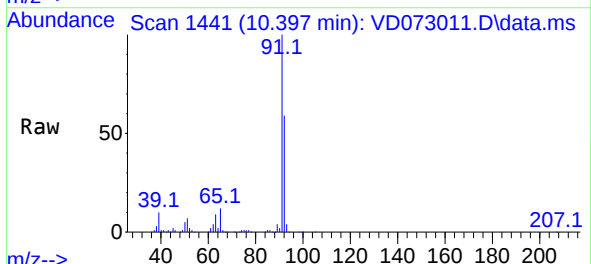
Manual Integrations
APPROVED

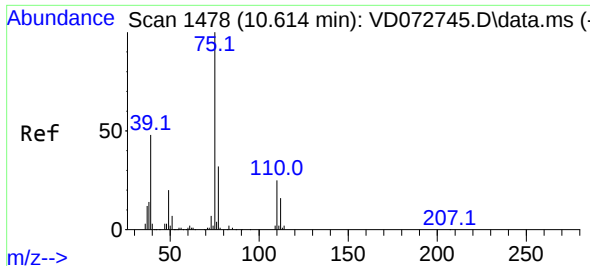
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#52
Toluene
Concen: 51.476 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

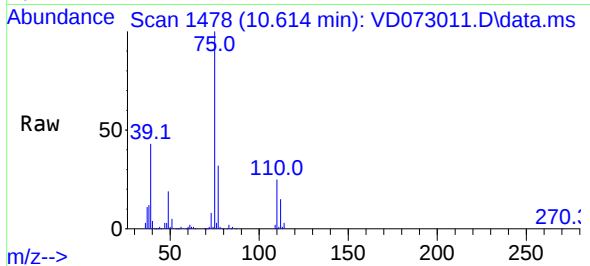
Tgt Ion: 92 Resp: 539327
Ion Ratio Lower Upper
92 100
91 169.1 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 46.825 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

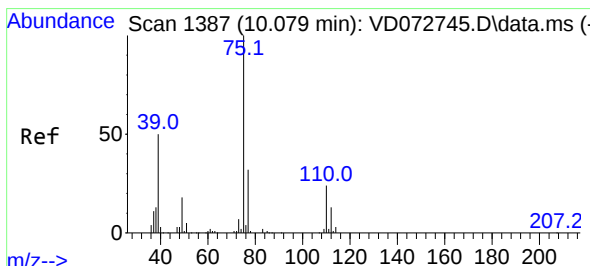
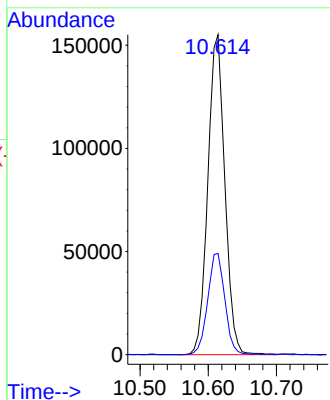
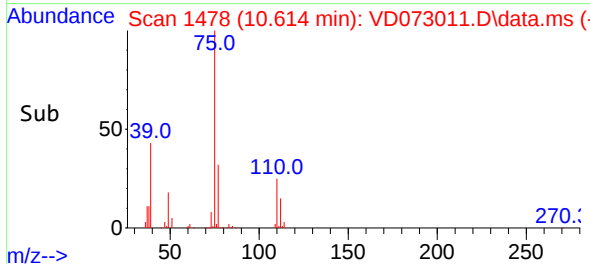
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



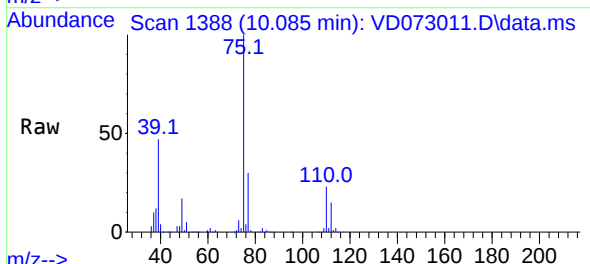
Tgt Ion: 75 Resp: 269218
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

Manual Integrations
APPROVED

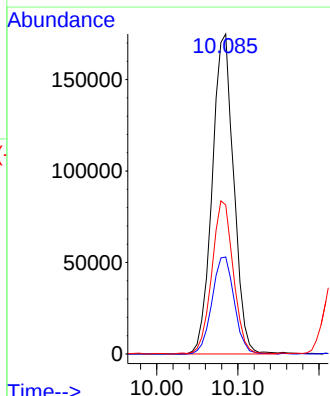
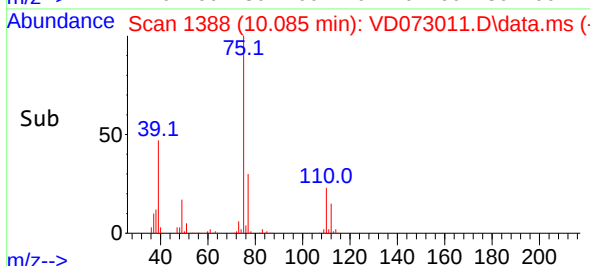
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

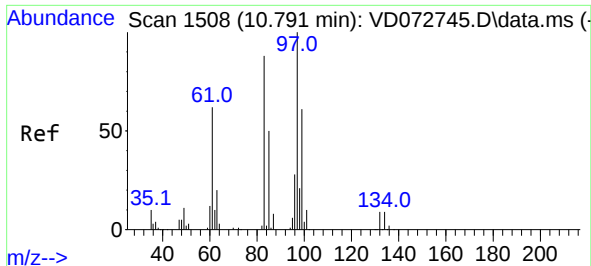


#54
cis-1,3-Dichloropropene
Concen: 48.180 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



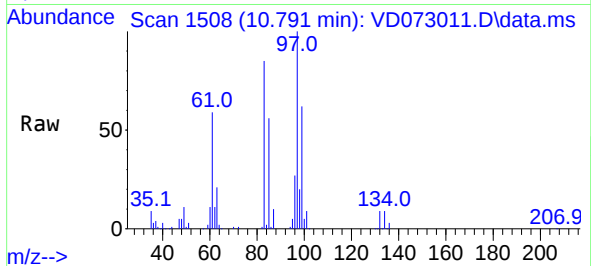
Tgt Ion: 75 Resp: 321828
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2
39 46.4 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 48.436 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

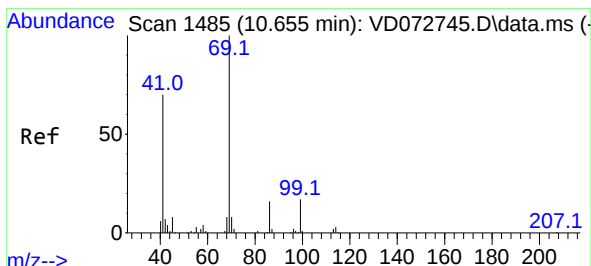
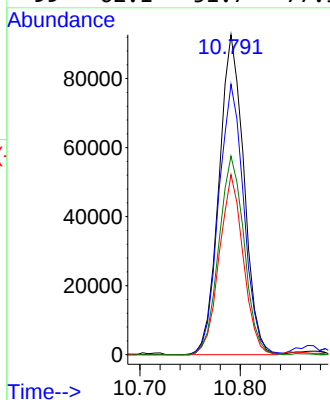
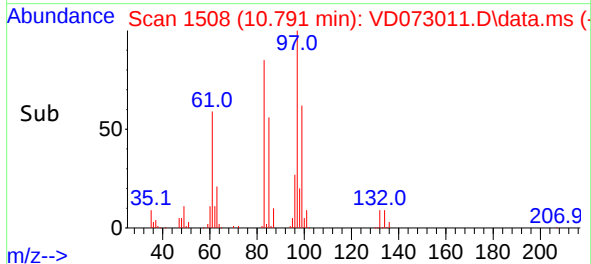


Tgt Ion: 97 Resp: 159319

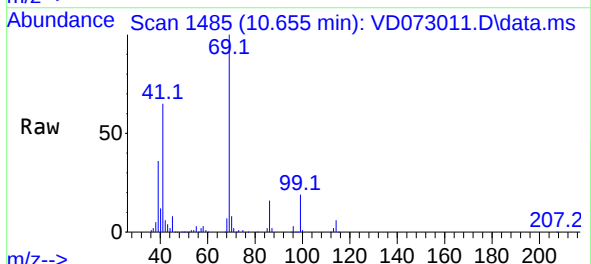
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.0	103.4
85	56.2	42.6	63.8
99	62.1	51.7	77.5

Manual Integrations
APPROVED

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

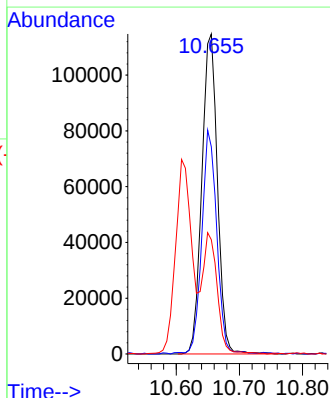
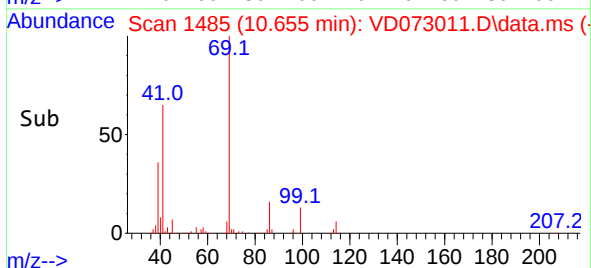


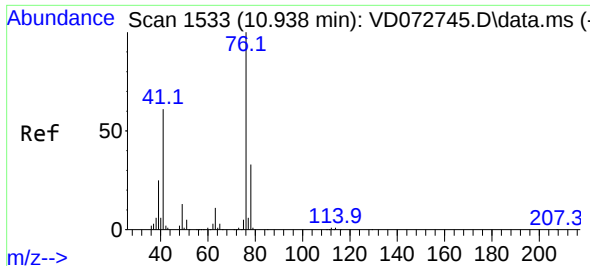
#56
Ethyl methacrylate
Concen: 50.864 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion: 69 Resp: 196988

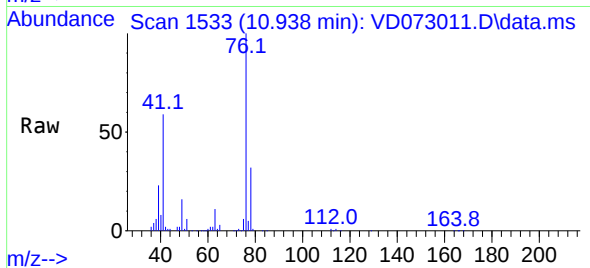
Ion	Ratio	Lower	Upper
69	100		
41	67.4	63.0	94.6
39	32.7	33.8	50.8





#57
1,3-Dichloropropane
Concen: 48.556 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

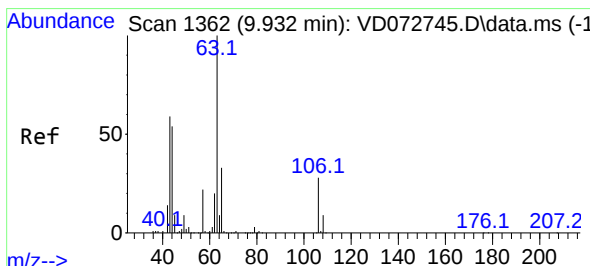
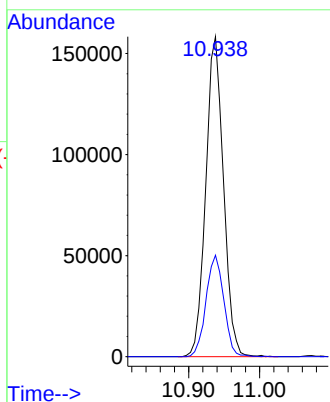
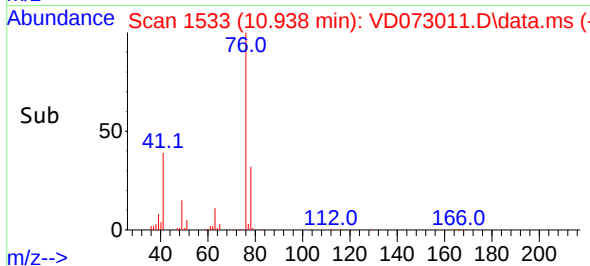
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



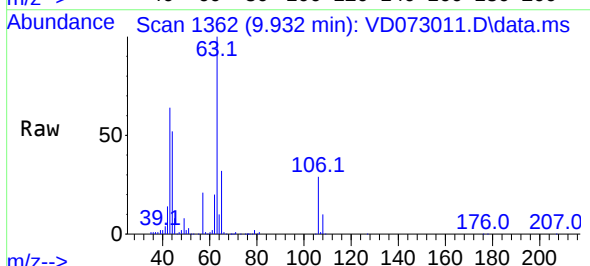
Tgt Ion: 76 Resp: 27408
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0

Manual Integrations
APPROVED

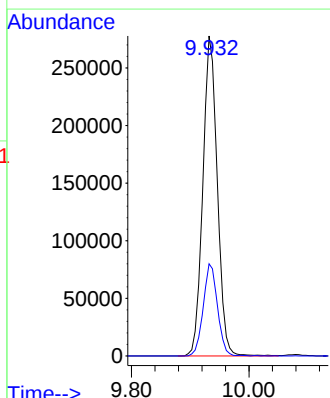
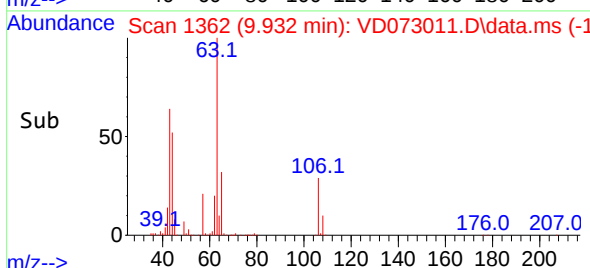
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

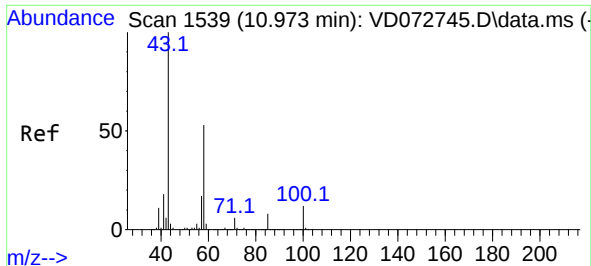


#58
2-Chloroethyl Vinyl ether
Concen: 253.314 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



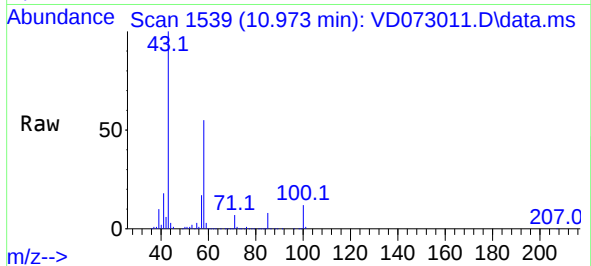
Tgt Ion: 63 Resp: 475650
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 240.810 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

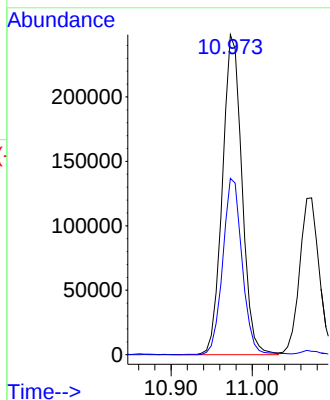
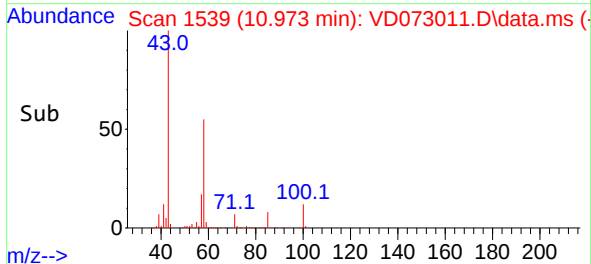
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



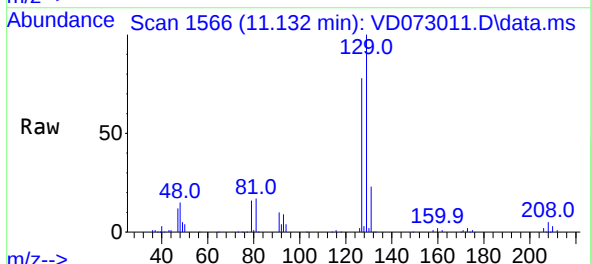
Tgt Ion: 43 Resp: 415518
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9

Manual Integrations
APPROVED

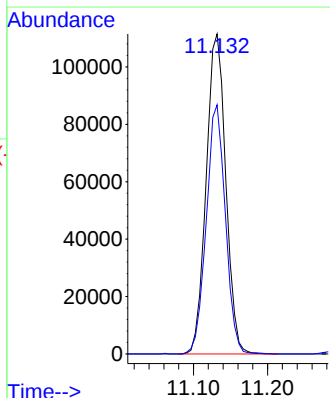
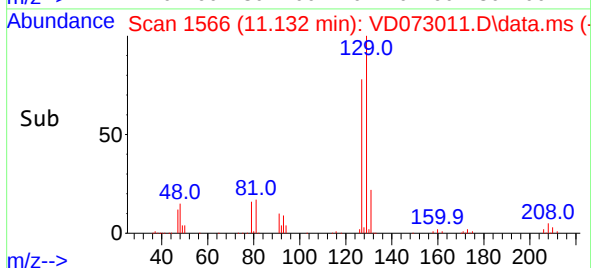
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

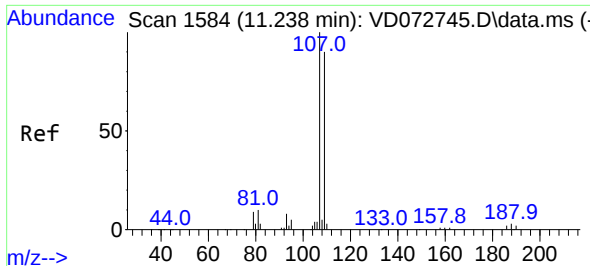


#60
Dibromochloromethane
Concen: 49.347 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



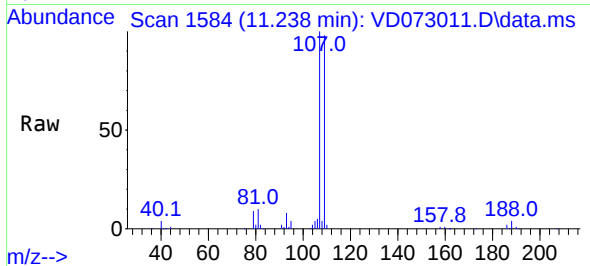
Tgt Ion:129 Resp: 204333
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.739 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

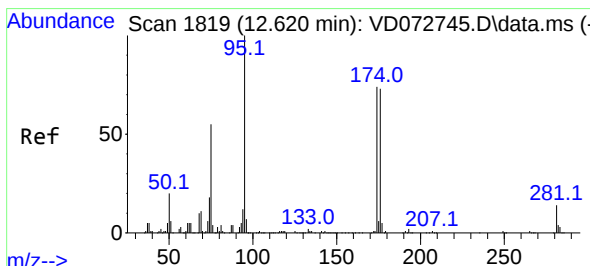
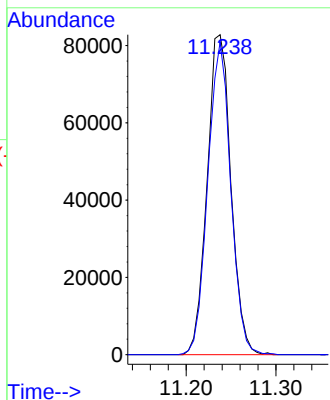
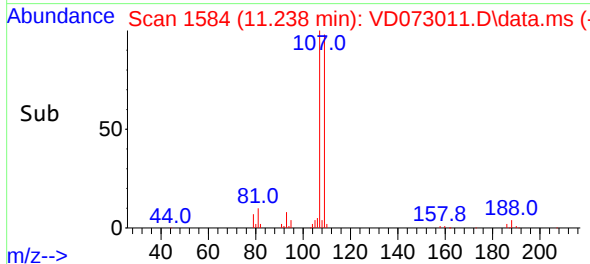
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



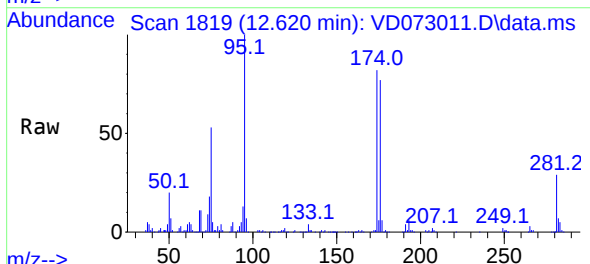
Tgt Ion:107 Resp: 152840
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4

Manual Integrations
APPROVED

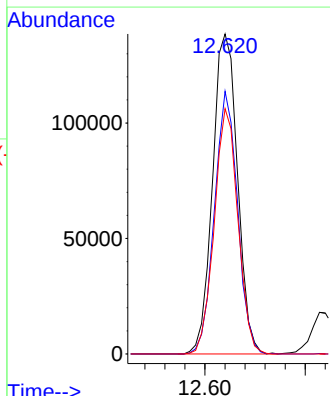
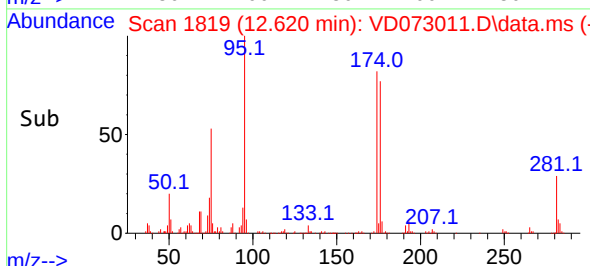
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

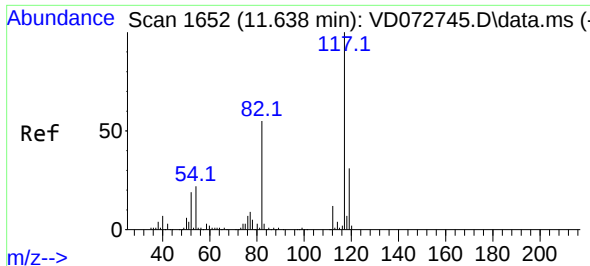


#62
4-Bromofluorobenzene
Concen: 49.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



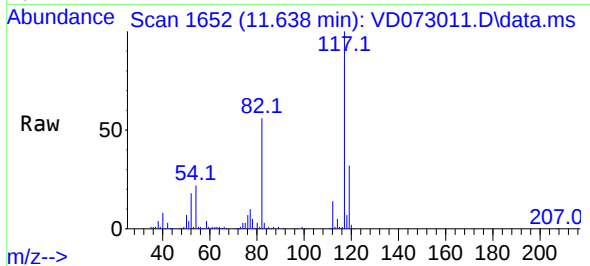
Tgt Ion: 95 Resp: 238300
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

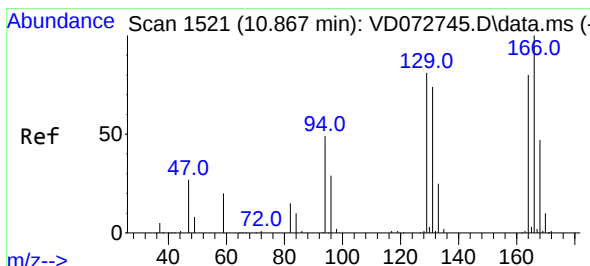
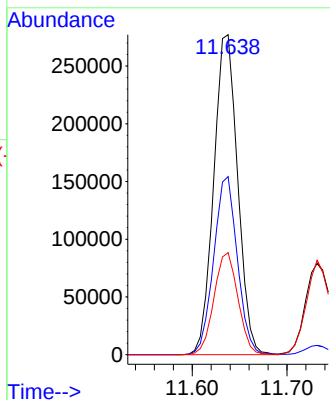
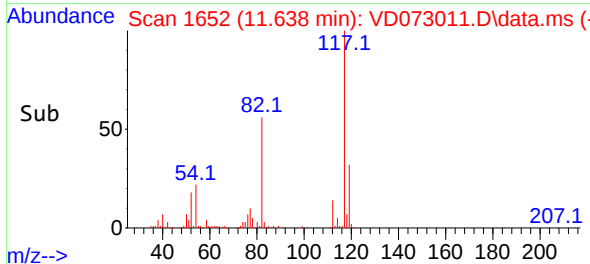
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



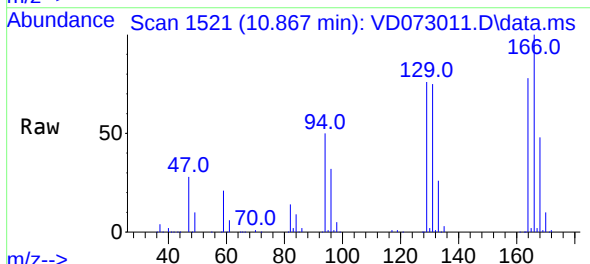
Tgt Ion:117 Resp: 487769
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.9 26.6 40.0

Manual Integrations
APPROVED

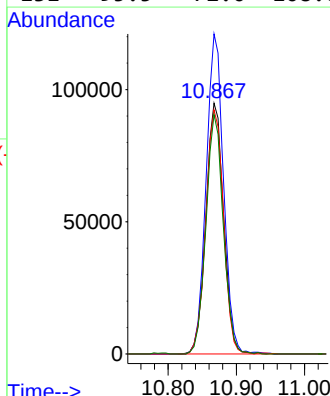
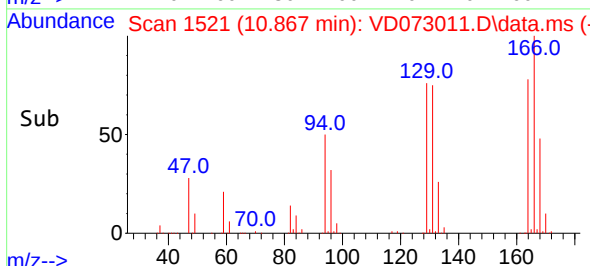
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

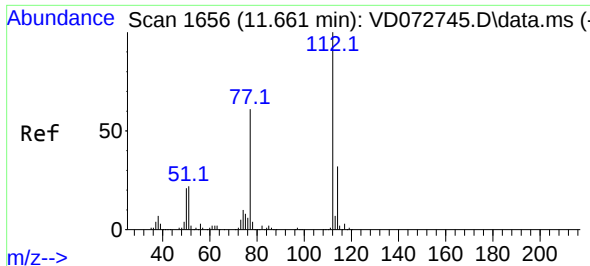


#64
Tetrachloroethene
Concen: 48.276 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



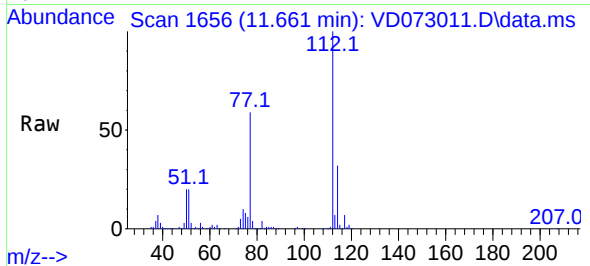
Tgt Ion:164 Resp: 172160
Ion Ratio Lower Upper
164 100
166 127.6 98.5 147.7
129 97.3 74.6 111.8
131 95.5 72.0 108.0





#65
Chlorobenzene
Concen: 50.150 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

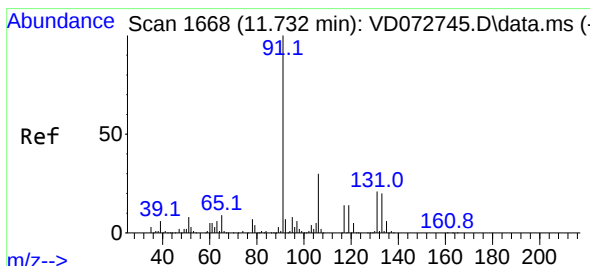
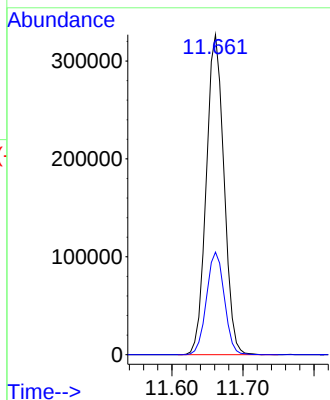
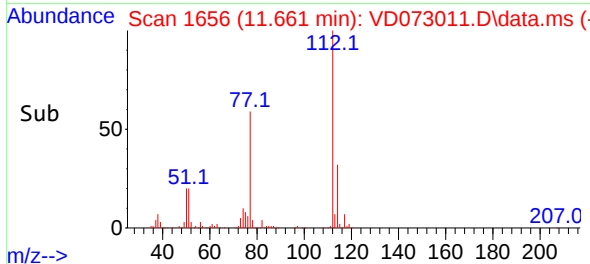
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



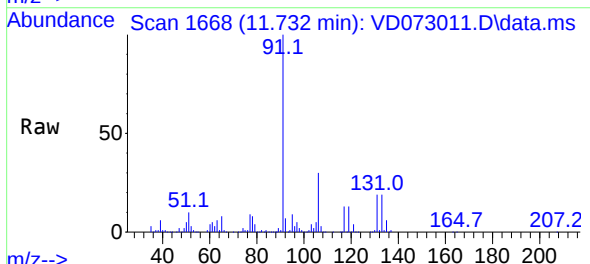
Tgt Ion:112 Resp: 56578
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
APPROVED

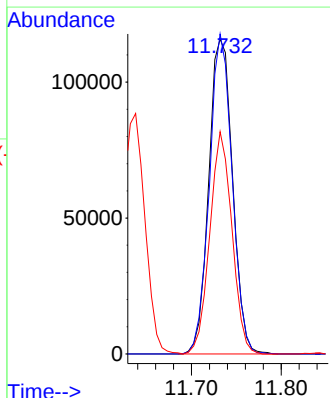
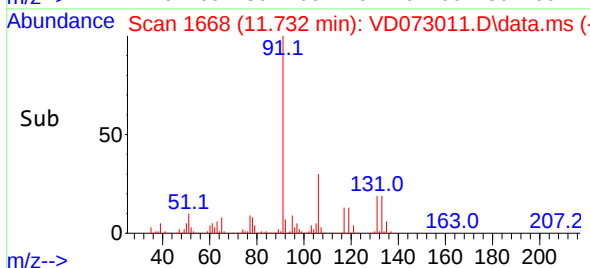
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

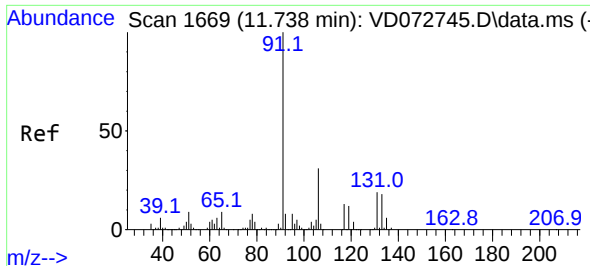


#66
1,1,1,2-Tetrachloroethane
Concen: 50.276 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



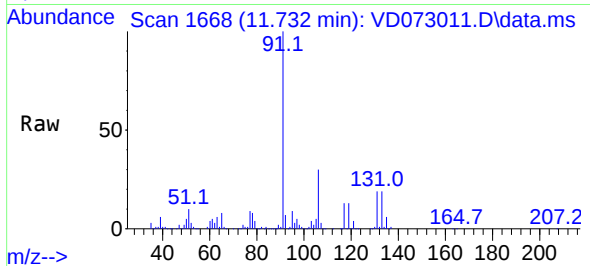
Tgt Ion:131 Resp: 213165
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 65.7 31.9 95.9





#67
Ethyl Benzene
Concen: 52.399 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

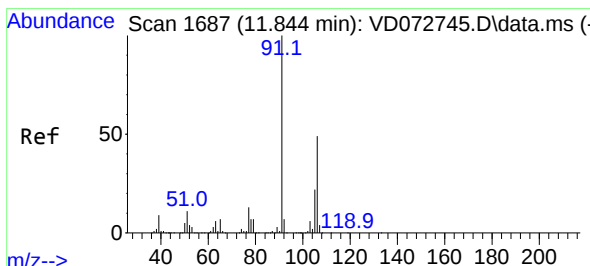
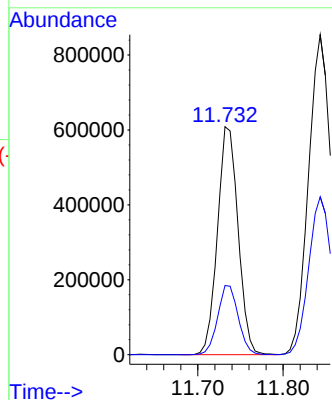
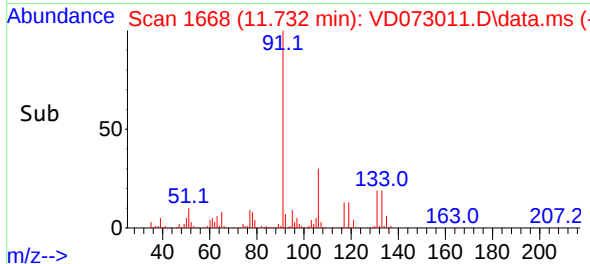
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



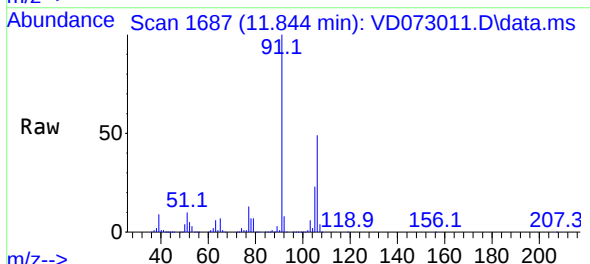
Tgt Ion: 91 Resp: 1023058
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

Manual Integrations
APPROVED

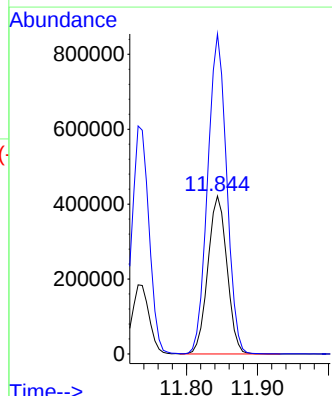
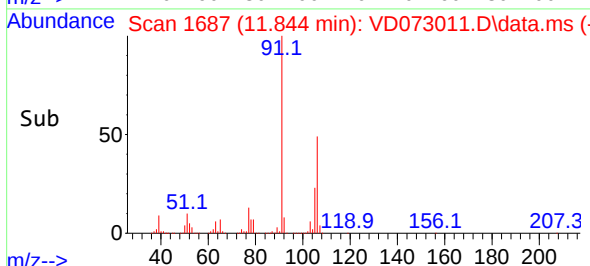
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

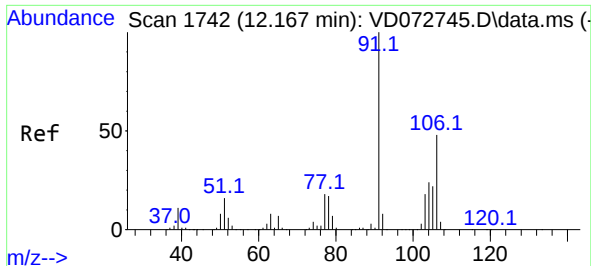


#68
m/p-Xylenes
Concen: 104.577 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion:106 Resp: 786508
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5





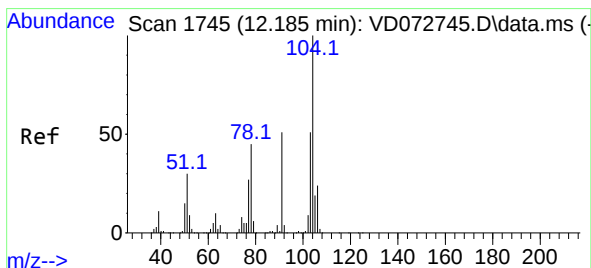
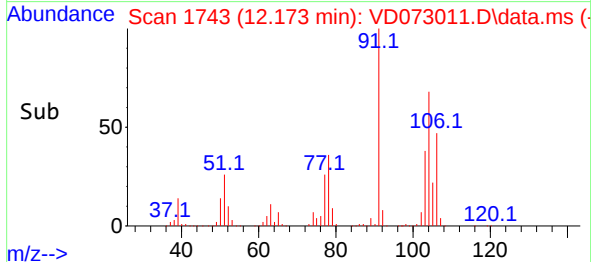
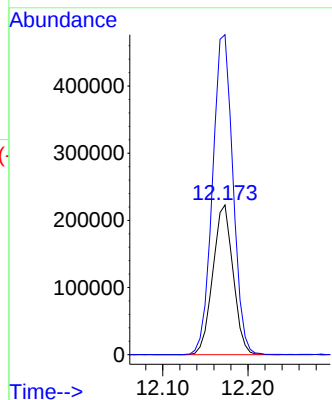
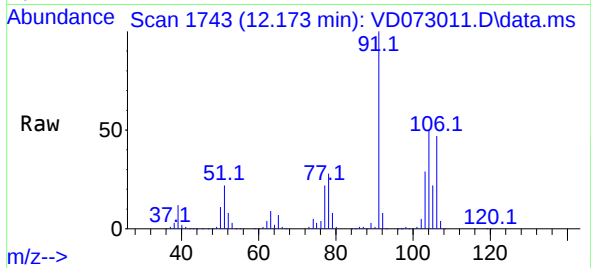
#69
o-Xylene
Concen: 52.402 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 36807
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2

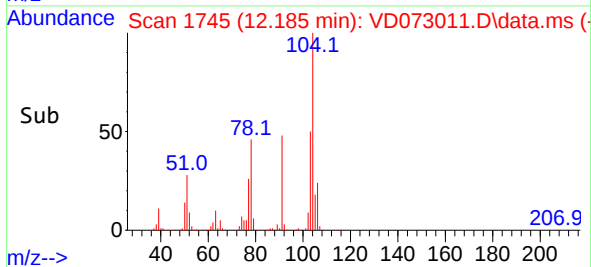
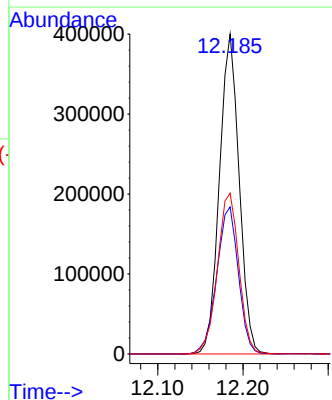
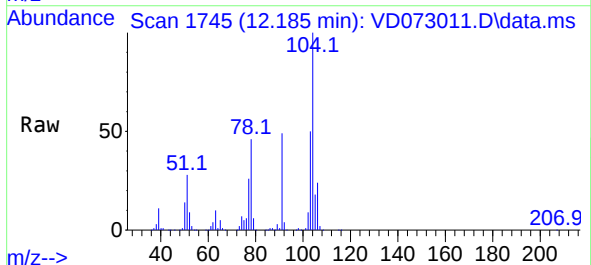
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 52.848 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

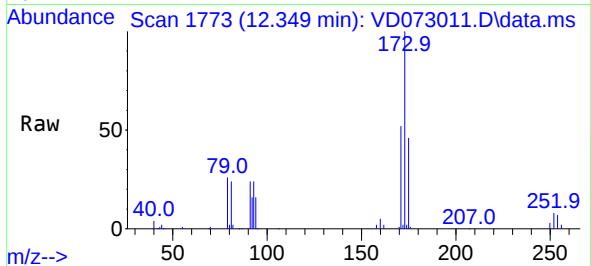
Tgt Ion:104 Resp: 643151
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 50.672 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

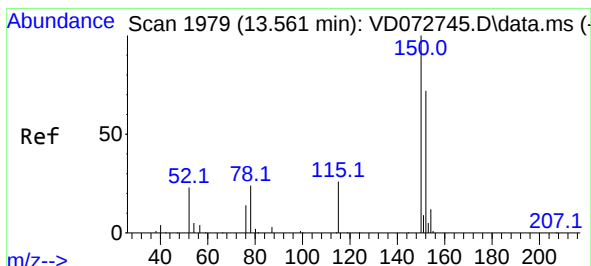
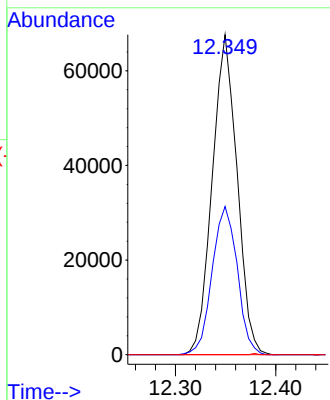
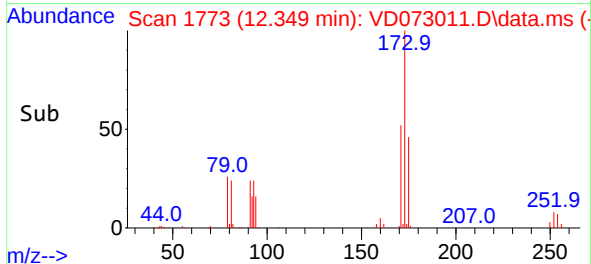
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



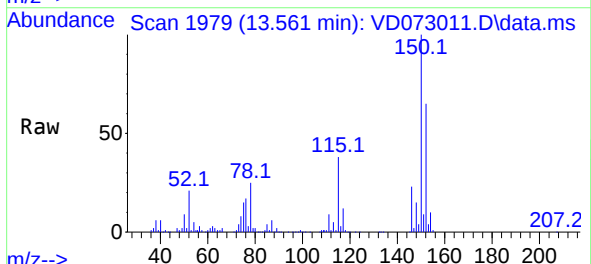
Tgt Ion:173 Resp: 116430
Ion Ratio Lower Upper
173 100
175 46.9 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

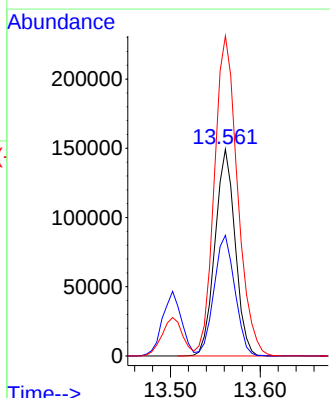
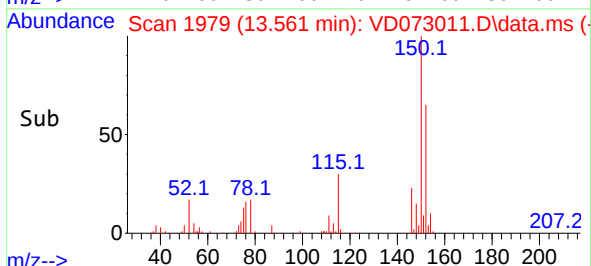
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

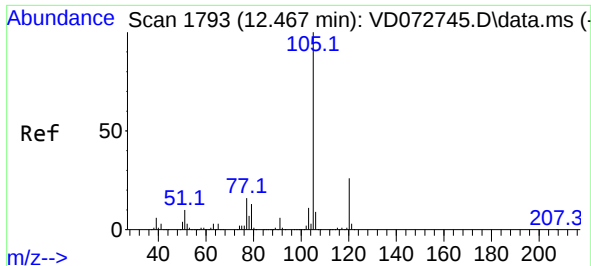


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



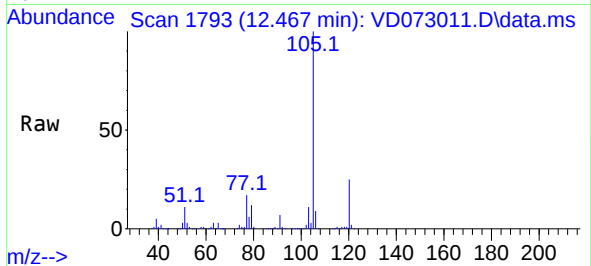
Tgt Ion:152 Resp: 232998
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 177.7 0.0 348.6





#73
Isopropylbenzene
Concen: 54.538 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

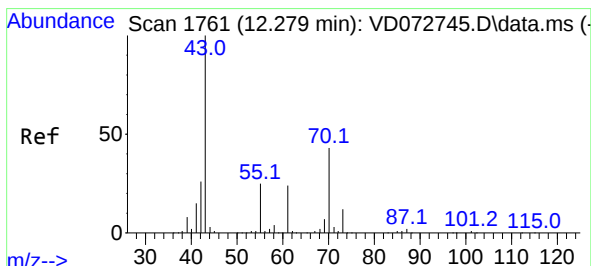
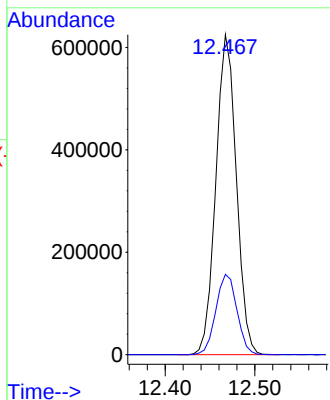
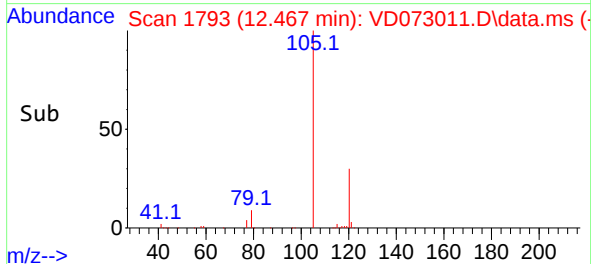
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



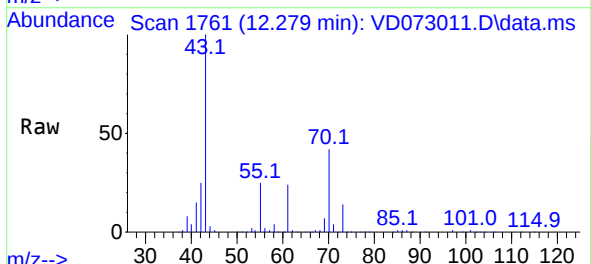
Tgt Ion:105 Resp: 988650
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

Manual Integrations
APPROVED

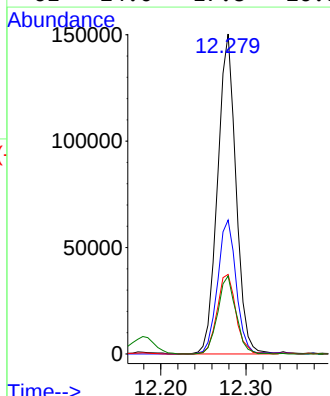
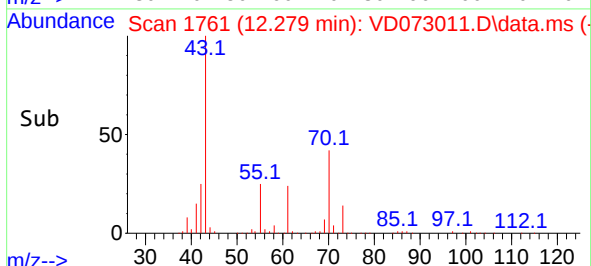
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

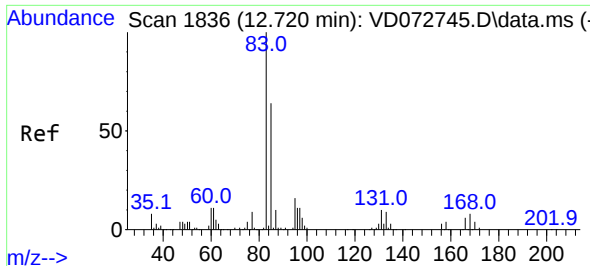


#74
N-ethyl acetate
Concen: 50.066 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



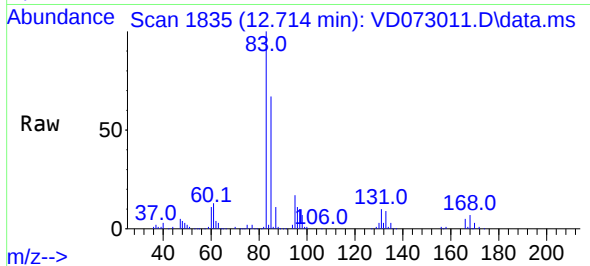
Tgt Ion: 43 Resp: 226019
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 25.5 20.0 30.0
61 24.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.096 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

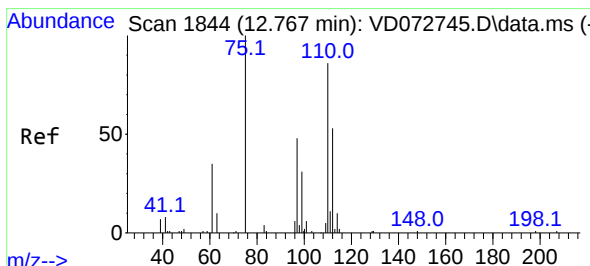
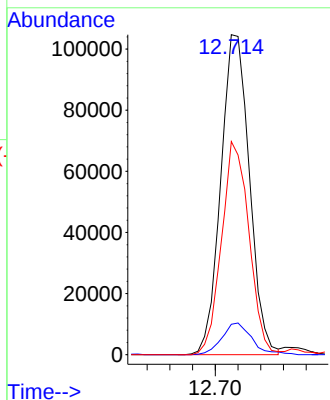
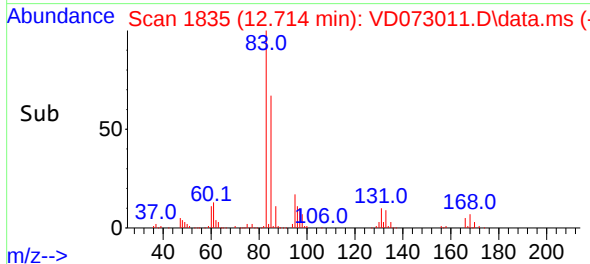
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



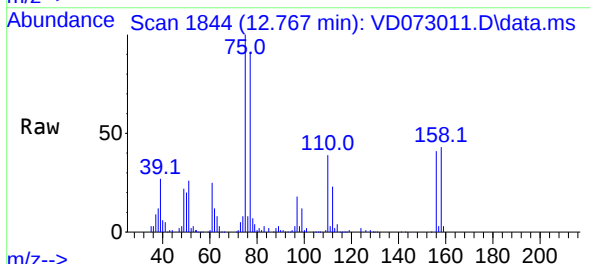
Tgt Ion: 83 Resp: 183318
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.8 32.6 98.0

Manual Integrations
APPROVED

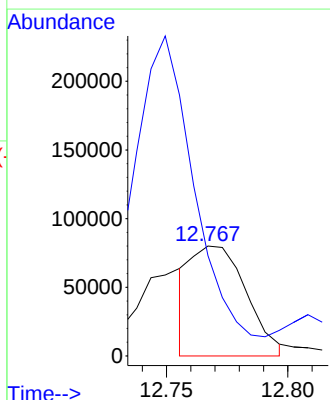
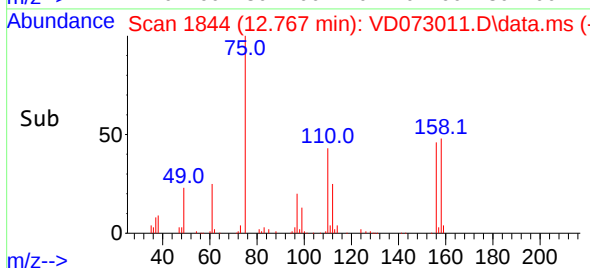
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#76
1,2,3-Trichloropropane
Concen: 48.977 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



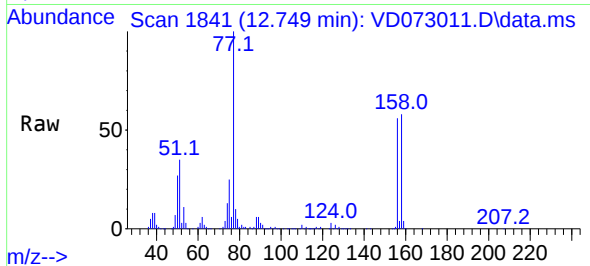
Tgt Ion: 75 Resp: 127247
Ion Ratio Lower Upper
75 100
77 333.6 0.0 0.0#





#77
Bromobenzene
Concen: 51.290 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

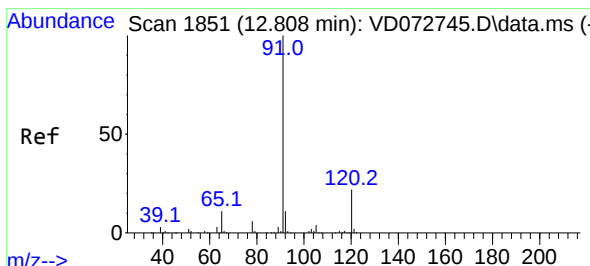
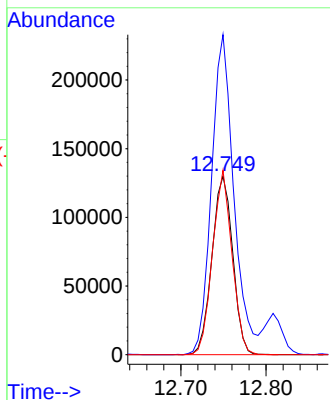
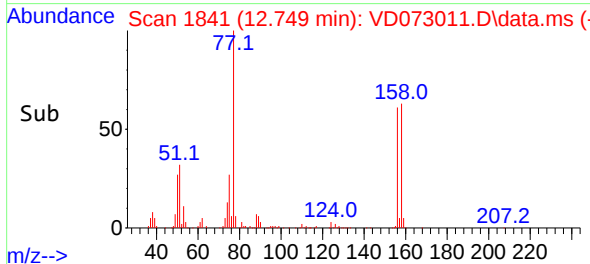
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



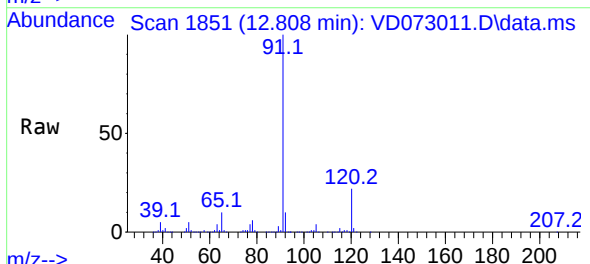
Tgt Ion: 156 Resp: 220790
Ion Ratio Lower Upper
156 100
77 192.3 102.8 308.3
158 97.0 48.7 146.1

Manual Integrations
APPROVED

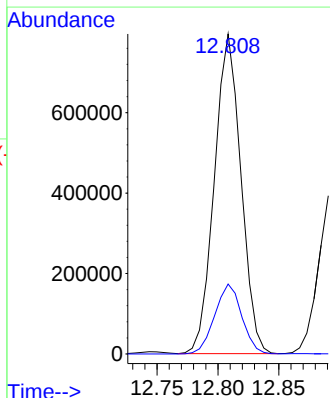
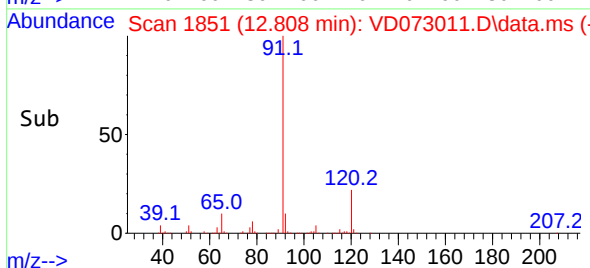
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

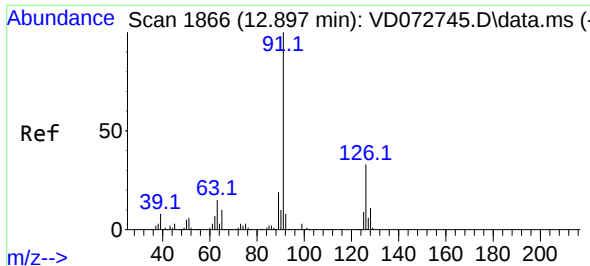


#78
n-propylbenzene
Concen: 52.920 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion: 91 Resp: 1209072
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





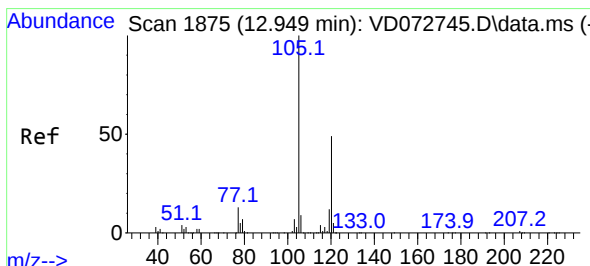
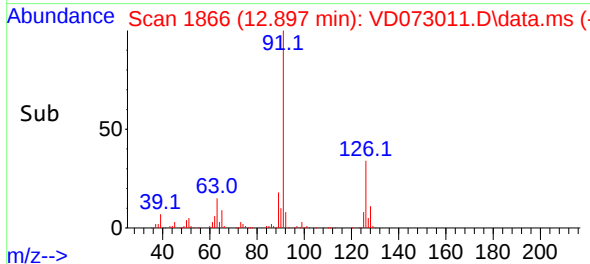
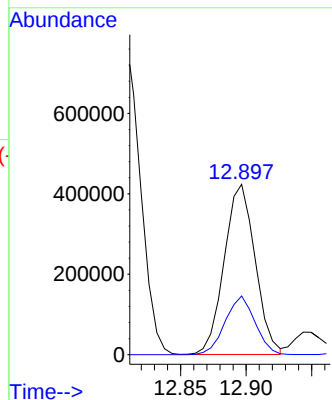
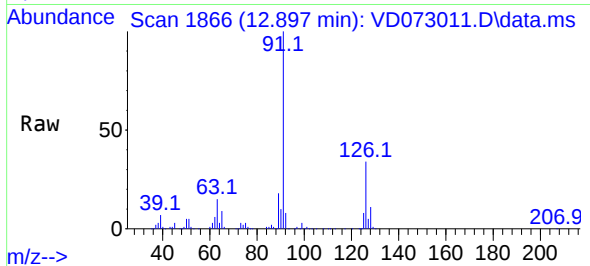
#79
2-Chlorotoluene
Concen: 52.166 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 69622
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

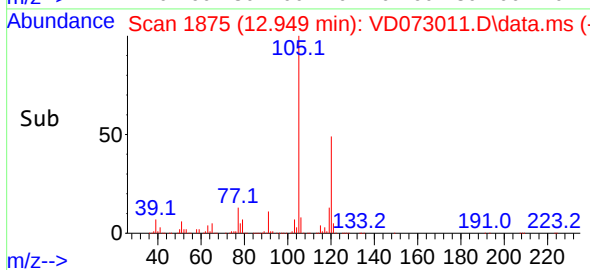
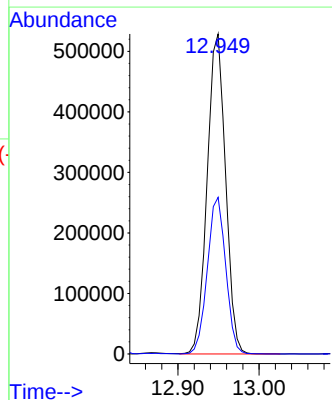
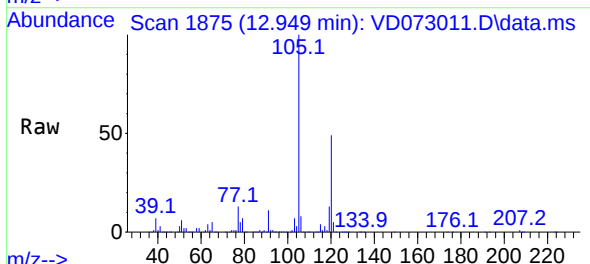
Manual Integrations
APPROVED

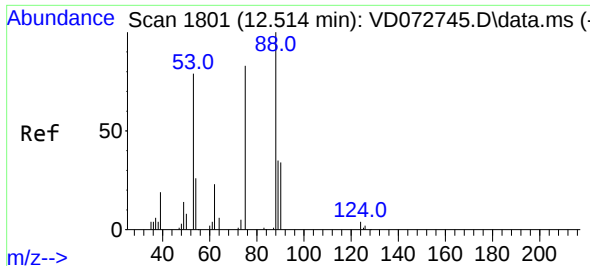
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.038 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

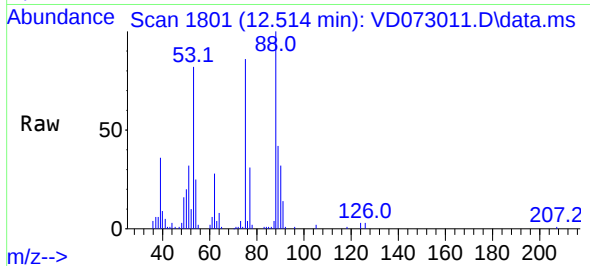
Tgt Ion:105 Resp: 830636
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.951 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

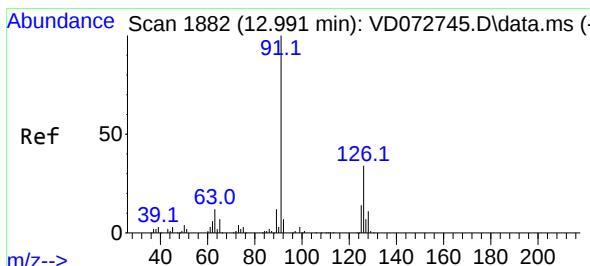
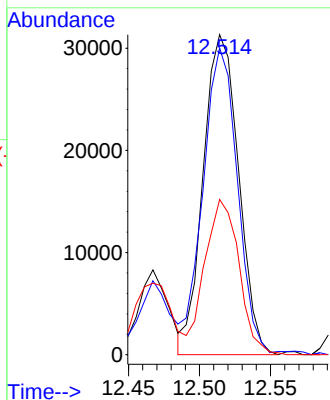
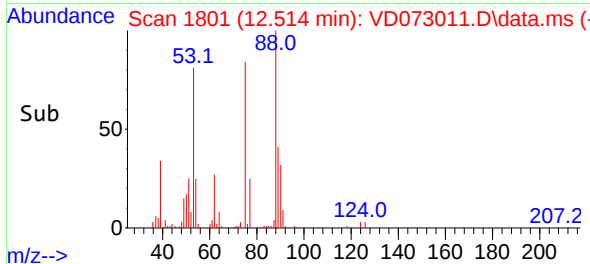
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



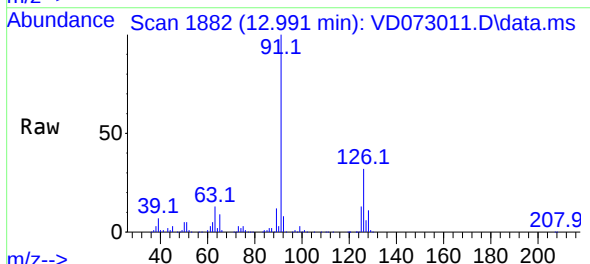
Tgt Ion: 75 Resp: 5417
Ion Ratio Lower Upper
75 100
53 92.0 86.5 129.7
89 46.8 33.9 50.9

Manual Integrations
APPROVED

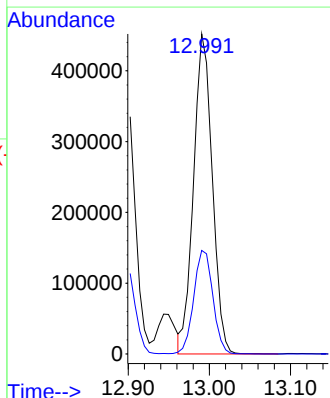
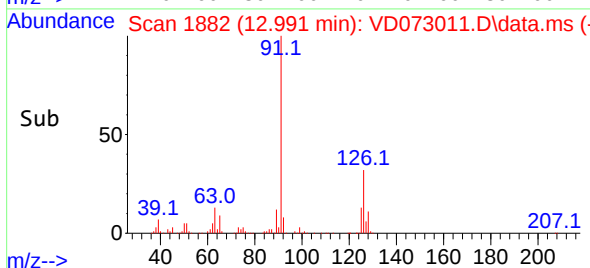
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#82
4-Chlorotoluene
Concen: 52.022 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



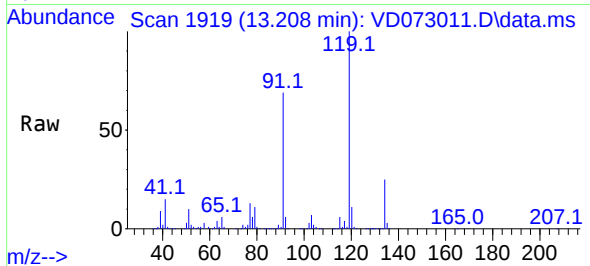
Tgt Ion: 91 Resp: 725438
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





#83
tert-Butylbenzene
Concen: 54.839 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

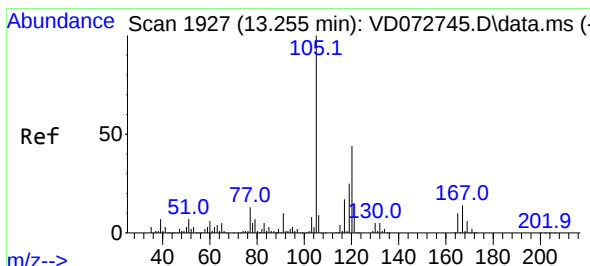
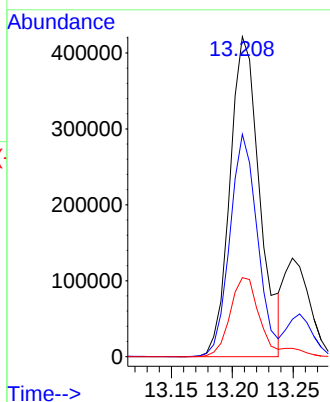
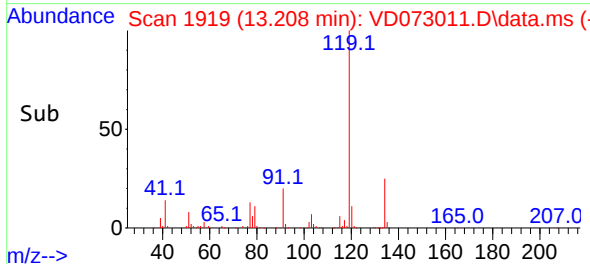
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



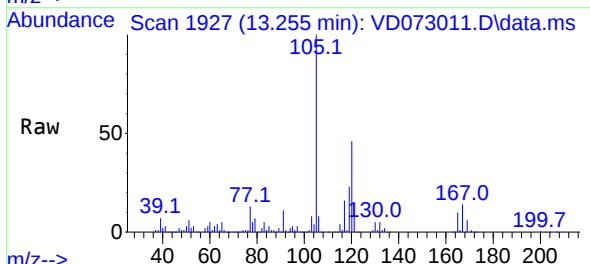
Tgt Ion:119 Resp: 716649
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.5
134 25.9 13.3 39.9

Manual Integrations
APPROVED

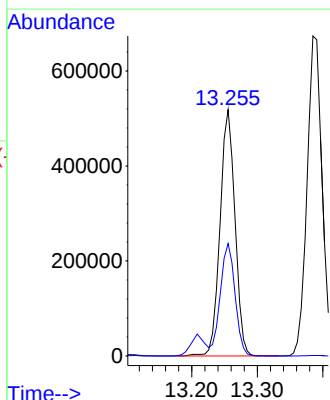
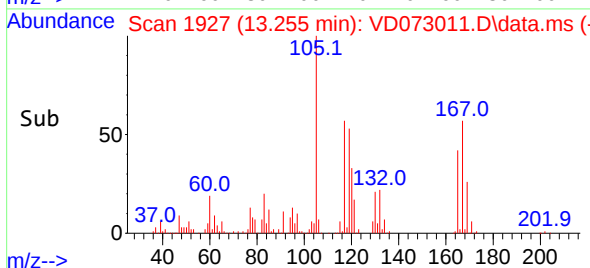
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

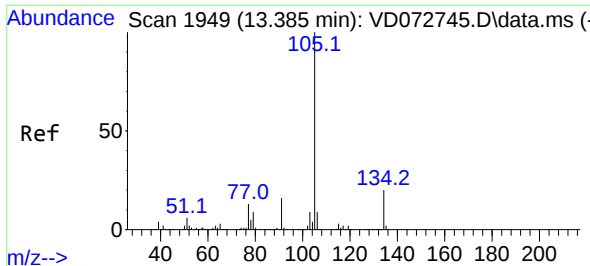


#84
1,2,4-Trimethylbenzene
Concen: 53.178 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion:105 Resp: 817058
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 54.155 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

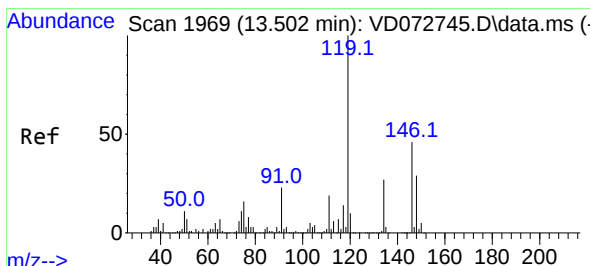
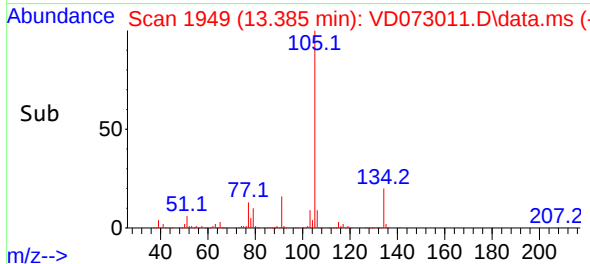
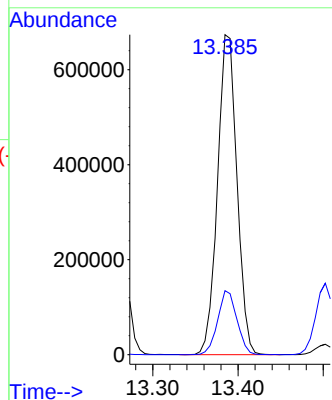
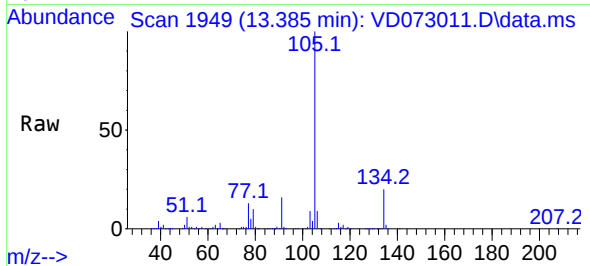
VSTDCCC050

Tgt Ion:105 Resp: 1067399
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations

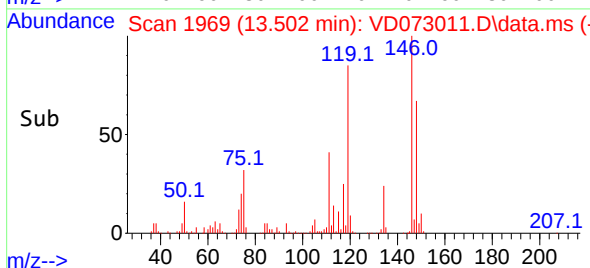
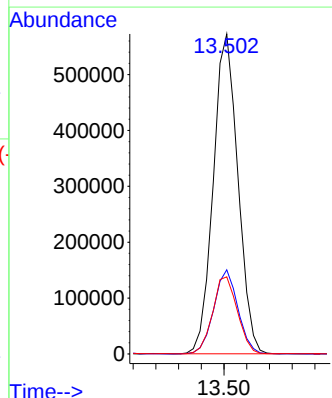
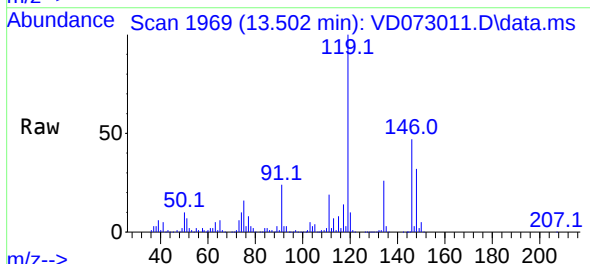
APPROVED

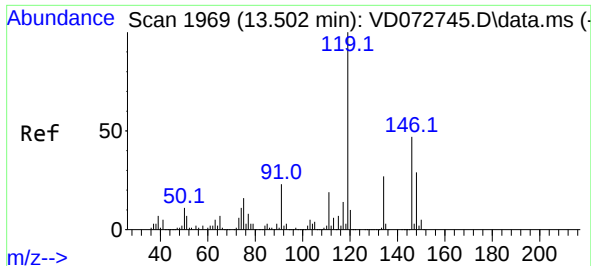
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#86
 p-Isopropyltoluene
 Concen: 53.332 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion:119 Resp: 861842
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.914 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 441518

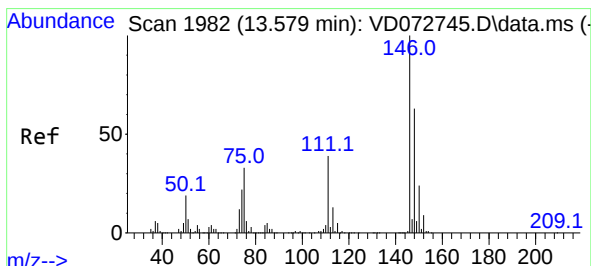
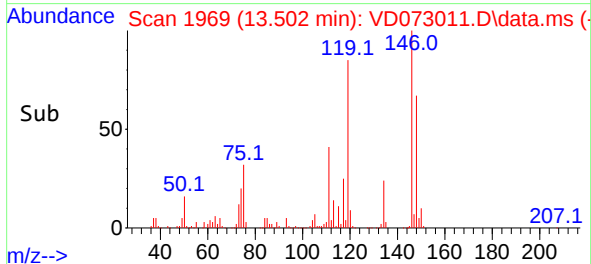
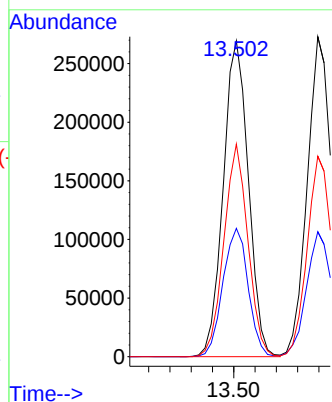
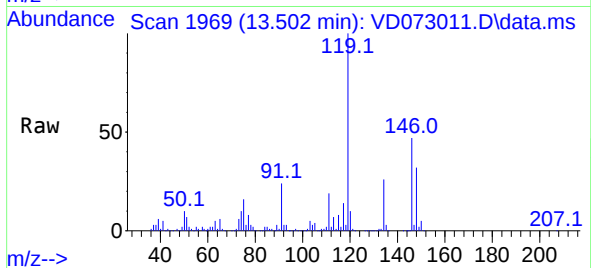
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	64.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 50.596 ug/l

RT: 13.579 min Scan# 1982

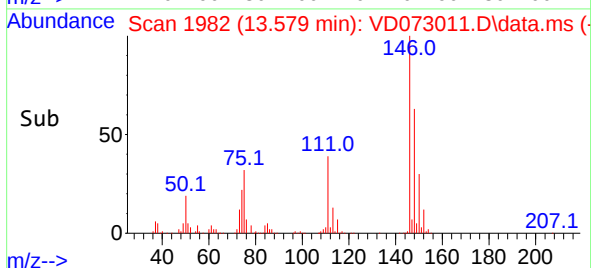
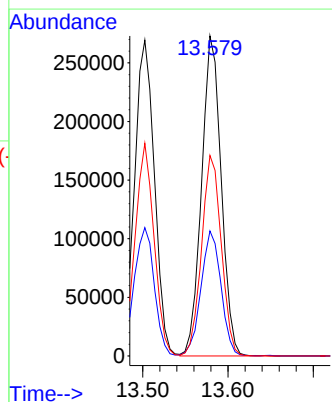
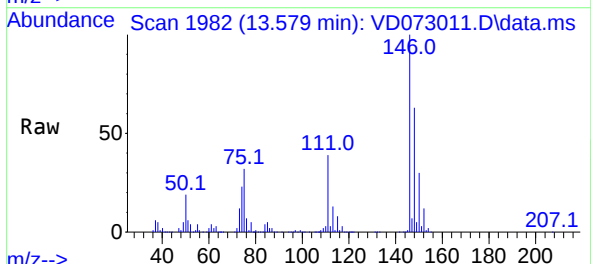
Delta R.T. -0.000 min

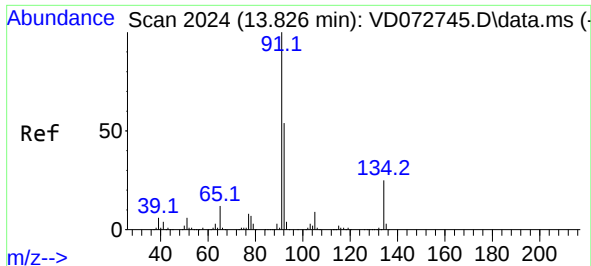
Lab File: VD073011.D

Acq: 14 May 2022 01:59

Tgt Ion:146 Resp: 436939

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	63.0	31.7	95.1





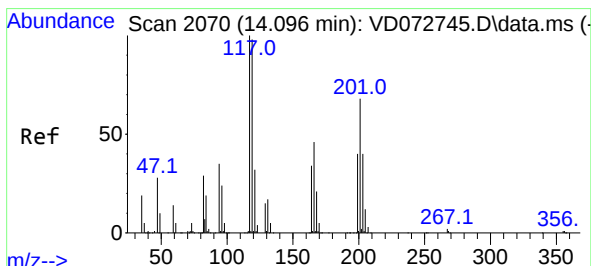
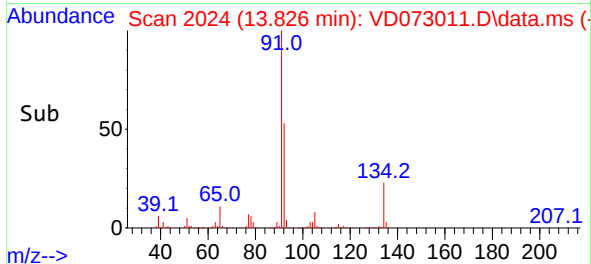
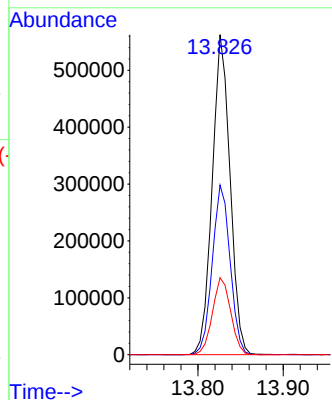
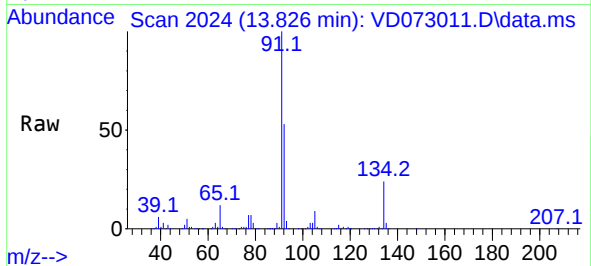
#89
n-Butylbenzene
Concen: 52.246 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 81788
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 24.6 12.3 36.9

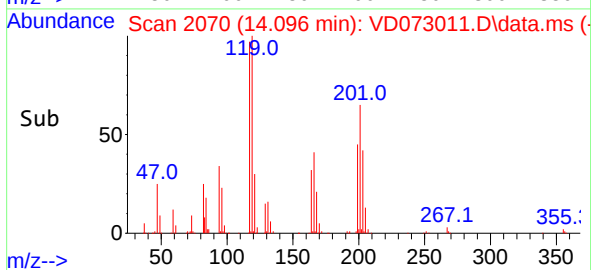
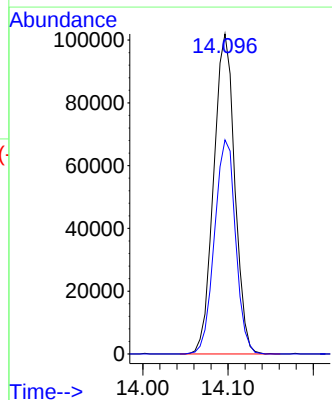
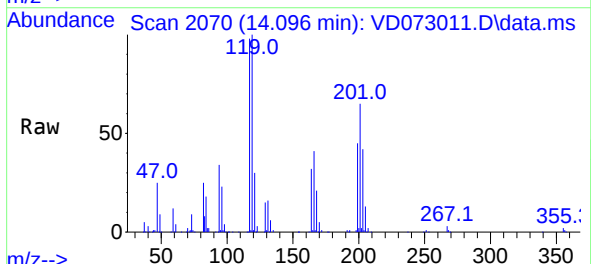
Manual Integrations
APPROVED

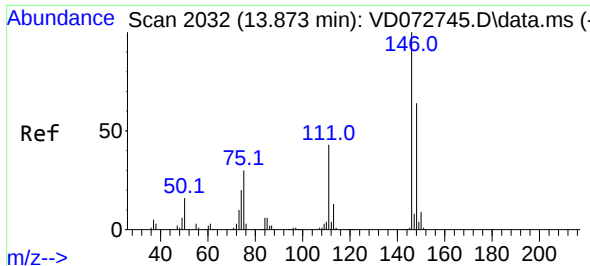
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 52.866 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:117 Resp: 175016
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2





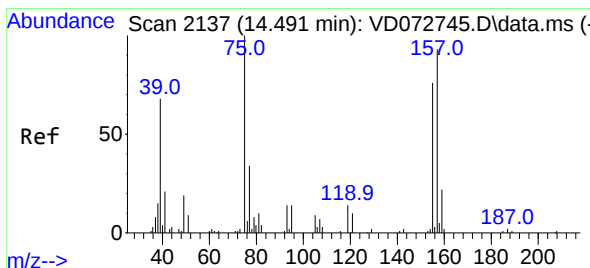
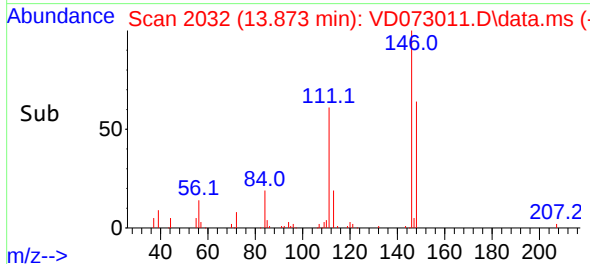
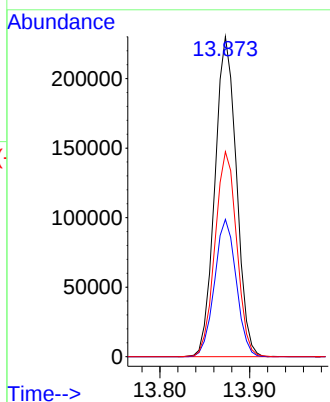
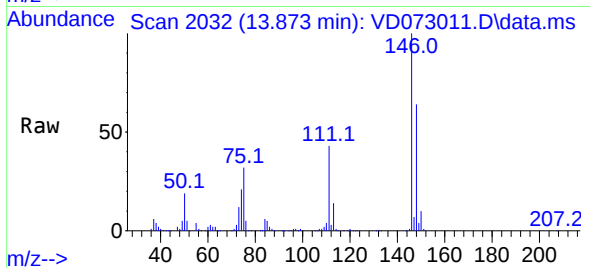
#91
1,2-Dichlorobenzene
Concen: 50.787 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38383
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 64.6 31.7 95.1

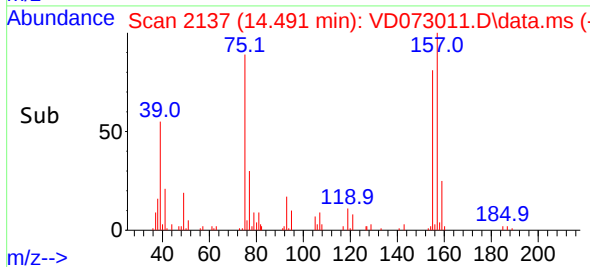
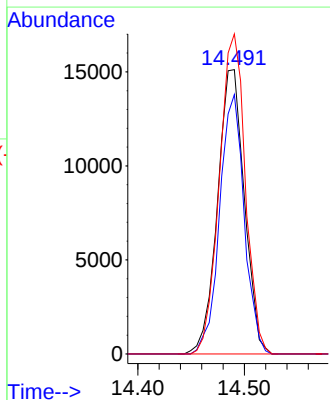
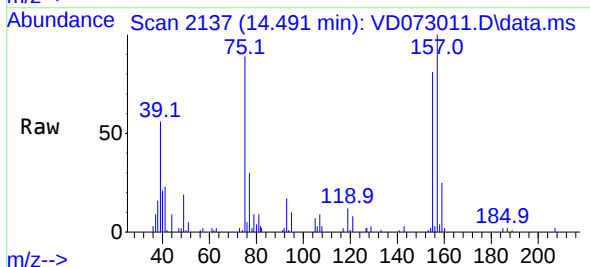
Manual Integrations
APPROVED

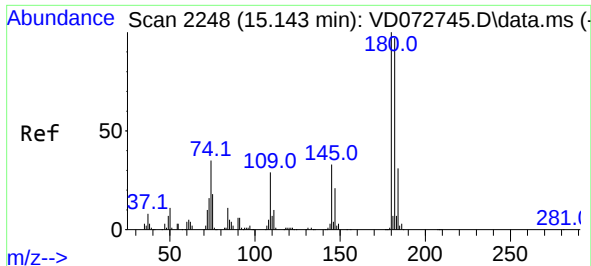
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.687 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

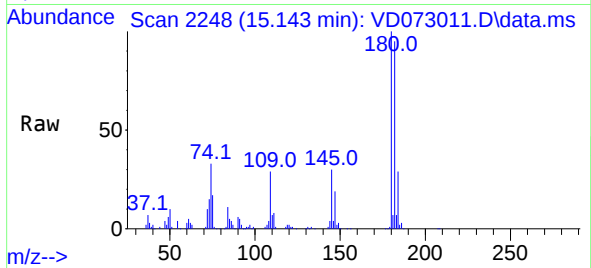
Tgt Ion: 75 Resp: 26502
Ion Ratio Lower Upper
75 100
155 83.3 36.8 110.3
157 108.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 50.832 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

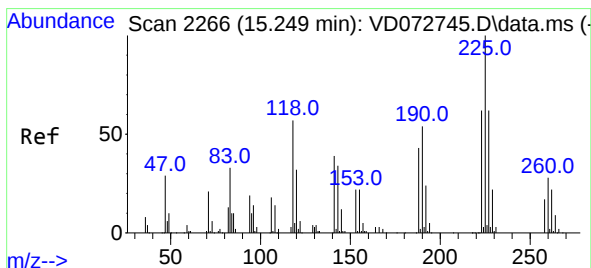
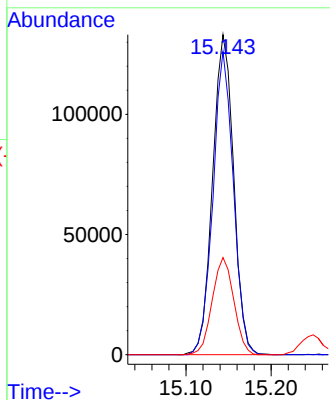
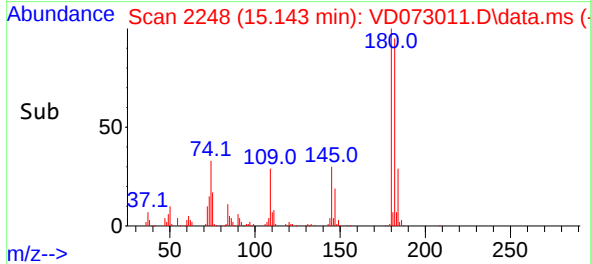
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



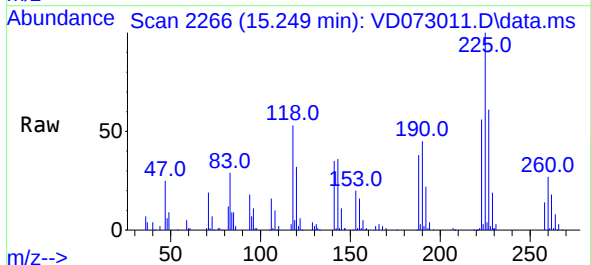
Tgt Ion:180 Resp: 227510
Ion Ratio Lower Upper
180 100
182 92.0 47.3 142.0
145 31.2 16.2 48.5

Manual Integrations
APPROVED

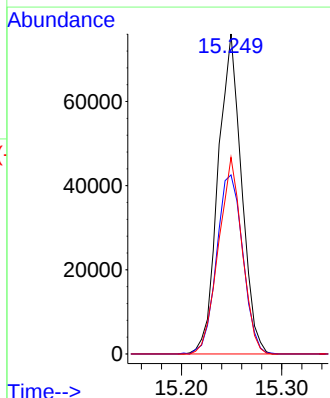
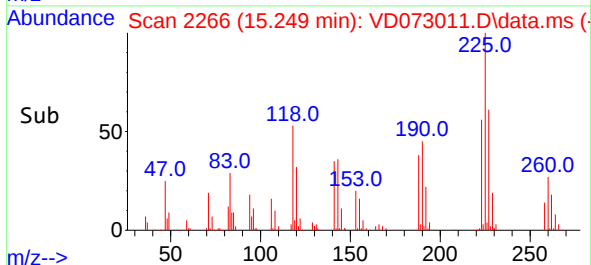
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

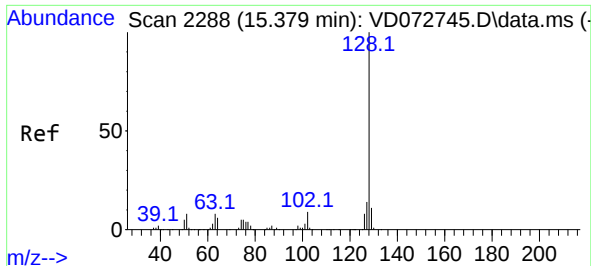


#94
Hexachlorobutadiene
Concen: 50.387 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



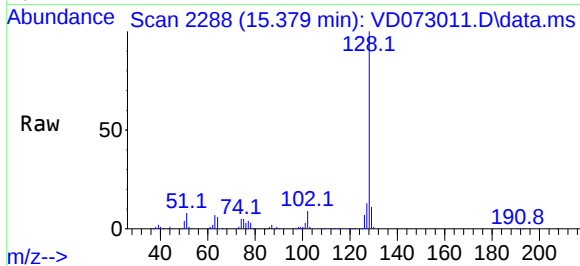
Tgt Ion:225 Resp: 123166
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 62.0 32.4 97.0





#95
Naphthalene
Concen: 52.147 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

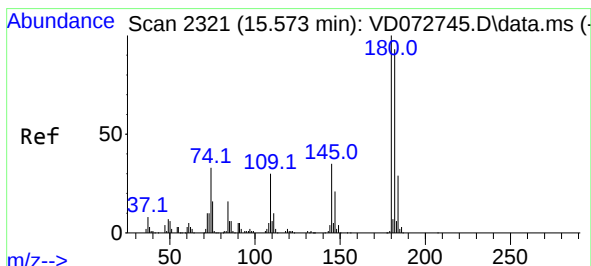
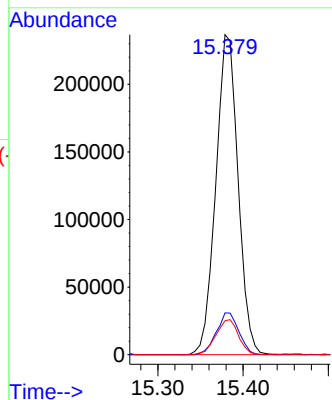
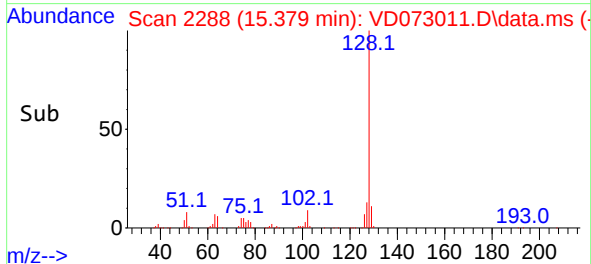
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



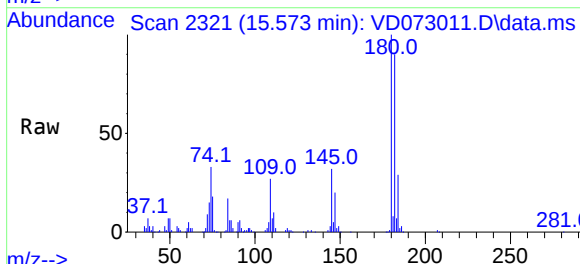
Tgt Ion:128 Resp: 429133
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.367 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59



Tgt Ion:180 Resp: 199839
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.9
145 33.6 17.1 51.3

