

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073132.D
 Acq On : 19 May 2022 08:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 19 08:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	154241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	284178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	306150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	163665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139046	72.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.180%			
35) Dibromofluoromethane	7.908	113	122072	61.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.360%			
50) Toluene-d8	10.332	98	423978	58.574	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.140%			
62) 4-Bromofluorobenzene	12.620	95	159708	60.918	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68769	35.655	ug/l	97
3) Chloromethane	2.209	50	89990	45.259	ug/l	93
4) Vinyl Chloride	2.350	62	76056	41.591	ug/l	99
5) Bromomethane	2.762	94	64171	49.407	ug/l	92
6) Chloroethane	2.920	64	52883	46.439	ug/l	97
7) Trichlorofluoromethane	3.273	101	132170	39.496	ug/l	96
8) Diethyl Ether	3.703	74	58948	64.376	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	72486	36.578	ug/l	97
10) Methyl Iodide	4.303	142	89287	39.681	ug/l	97
11) Tert butyl alcohol	5.203	59	69831	234.053	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	77207	43.084	ug/l	89
13) Acrolein	3.920	56	51604	281.611	ug/l	97
14) Allyl chloride	4.714	41	139018	48.965	ug/l	89
15) Acrylonitrile	5.414	53	182268	415.314	ug/l	98
16) Acetone	4.156	43	131362	376.328	ug/l	96
17) Carbon Disulfide	4.408	76	263149	43.845	ug/l	97
18) Methyl Acetate	4.714	43	83127	78.021	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	285915	68.224	ug/l	98
20) Methylene Chloride	4.956	84	155973	61.565	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	103421	48.518	ug/l	88
22) Diisopropyl ether	6.361	45	367114	60.243	ug/l	92
23) Vinyl Acetate	6.303	43	1196315	363.389	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	196849	51.922	ug/l	97
25) 2-Butanone	7.208	43	217436	411.366	ug/l	95
26) 2,2-Dichloropropane	7.197	77	124354	38.743	ug/l	94
27) cis-1,2-Dichloroethene	7.202	96	127335	54.170	ug/l	89
28) Bromochloromethane	7.538	49	88026	67.781	ug/l #	83
29) Tetrahydrofuran	7.555	42	145444	427.626	ug/l	91
30) Chloroform	7.702	83	220328	54.315	ug/l	100
31) Cyclohexane	7.985	56	121839	35.067	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	158697	45.664	ug/l	96
36) 1,1-Dichloropropene	8.108	75	127385	39.183	ug/l	96
37) Ethyl Acetate	7.291	43	100618	73.694	ug/l #	93
38) Carbon Tetrachloride	8.091	117	130735	39.305	ug/l	97
39) Methylcyclohexane	9.349	83	119785	31.598	ug/l	99
40) Benzene	8.344	78	440002	47.333	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50020	64.969	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	156678	57.905	ug/l	96
43) Isopropyl Acetate	8.444	43	179299	70.633	ug/l	97
44) Trichloroethene	9.108	130	106121	42.205	ug/l	94
45) 1,2-Dichloropropane	9.379	63	121463	50.315	ug/l	96
46) Dibromomethane	9.467	93	82739	61.983	ug/l	97
47) Bromodichloromethane	9.655	83	180967	53.377	ug/l #	98
48) Methyl methacrylate	9.449	41	87861	69.779	ug/l #	86
49) 1,4-Dioxane	9.449	88	21596	1553.950	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	518483	391.389	ug/l	94
52) Toluene	10.396	92	274062	46.437	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	173745	56.190	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	191225	52.453	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	114578	62.886	ug/l	97
56) Ethyl methacrylate	10.649	69	138829	67.374	ug/l	86
57) 1,3-Dichloropropane	10.938	76	192486	62.088	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	390378	346.079	ug/l	96
59) 2-Hexanone	10.973	43	352456	402.758	ug/l	94
60) Dibromochloromethane	11.132	129	137543	60.762	ug/l	100
61) 1,2-Dibromoethane	11.238	107	113843	64.933	ug/l	97
64) Tetrachloroethene	10.867	164	81131	36.171	ug/l	94
65) Chlorobenzene	11.661	112	300299	43.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	125480	47.320	ug/l	98
67) Ethyl Benzene	11.738	91	477336	39.493	ug/l	100
68) m/p-Xylenes	11.843	106	386069	82.416	ug/l	99
69) o-Xylene	12.173	106	181449	42.003	ug/l	99
70) Styrene	12.185	104	351853	46.632	ug/l	96
71) Bromoform	12.349	173	85703	61.386	ug/l #	99
73) Isopropylbenzene	12.467	105	438985	35.386	ug/l	99
74) N-amyl acetate	12.279	43	163859	56.519	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	140340	57.382	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	100659m	54.407	ug/l	
77) Bromobenzene	12.749	156	130455	44.073	ug/l	97
78) n-propylbenzene	12.808	91	554736	35.608	ug/l	99
79) 2-Chlorotoluene	12.896	91	350744	38.647	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	391296	37.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	40682	52.724	ug/l	90
82) 4-Chlorotoluene	12.990	91	381913	39.761	ug/l	98
83) tert-Butylbenzene	13.208	119	298538	33.349	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	407959	38.799	ug/l	99
85) sec-Butylbenzene	13.390	105	459732	33.833	ug/l	99
86) p-Isopropyltoluene	13.502	119	385442	34.873	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	246470	40.513	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	246544	41.009	ug/l	98
89) n-Butylbenzene	13.826	91	353241	32.863	ug/l	99
90) Hexachloroethane	14.096	117	84022	36.585	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	236383	44.798	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24624	64.774	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	123676	41.079	ug/l	99
94) Hexachlorobutadiene	15.249	225	53566	31.875	ug/l	98
95) Naphthalene	15.384	128	304505	47.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	120283	45.000	ug/l	99

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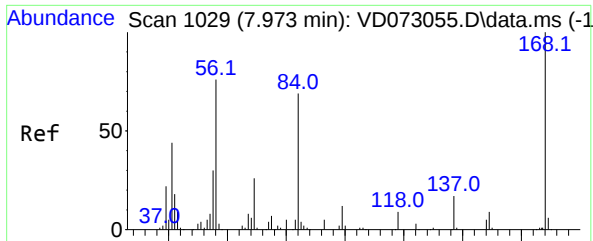
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

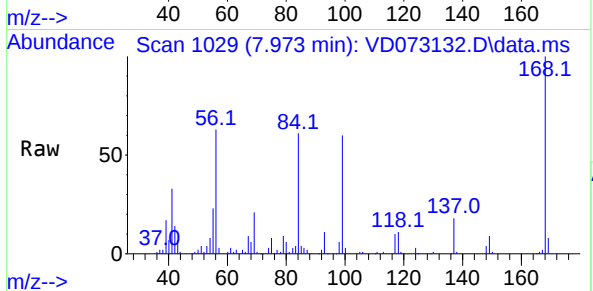
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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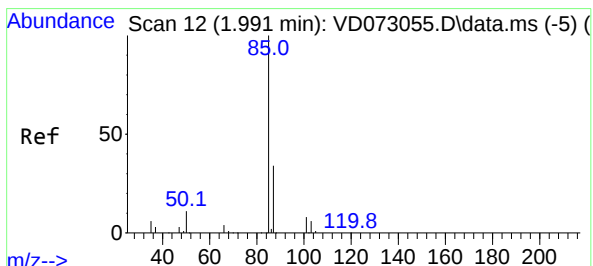
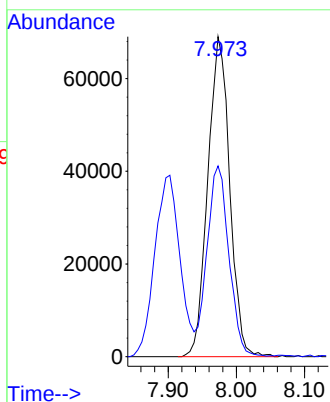
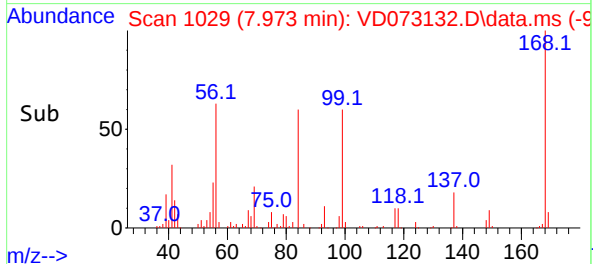
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15424
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6

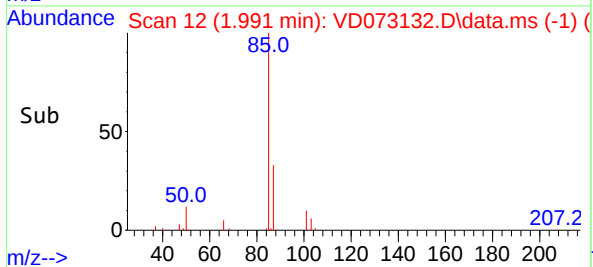
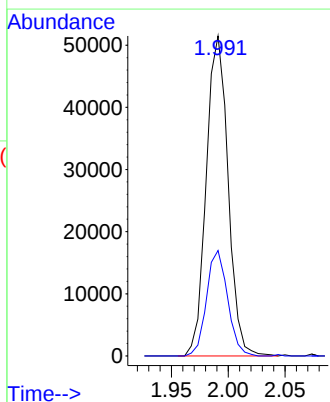
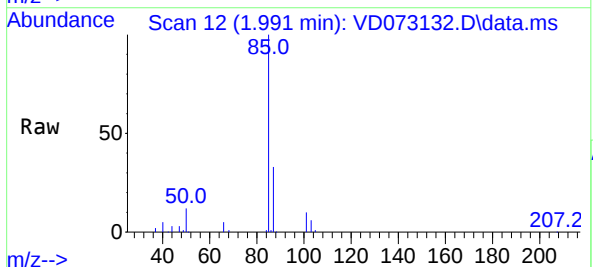
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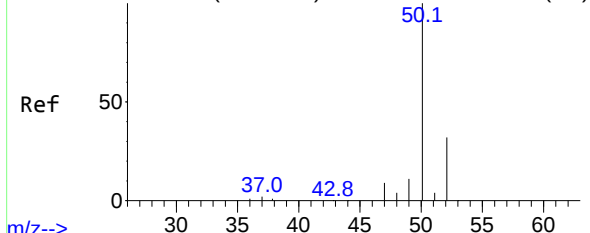


#2
Dichlorodifluoromethane
Concen: 35.655 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Tgt Ion: 85 Resp: 68769
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

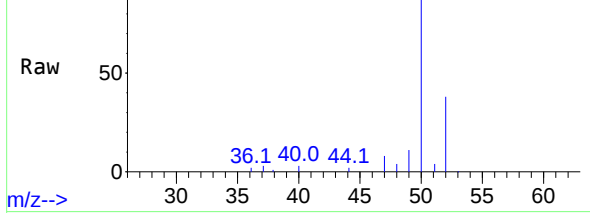


Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



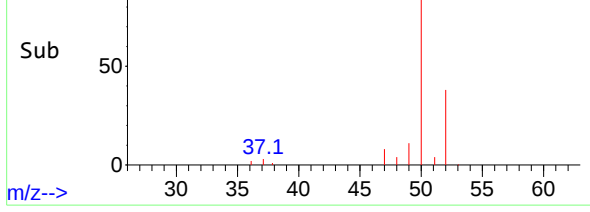
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Abundance Scan 49 (2.209 min): VD073132.D\data.ms



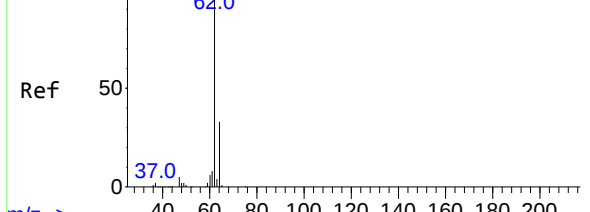
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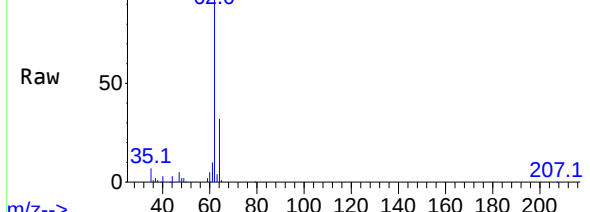
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Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



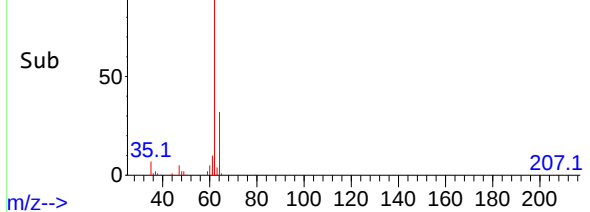
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Abundance Scan 73 (2.350 min): VD073132.D\data.ms



m/z-->

Abundance Scan 73 (2.350 min): VD073132.D\data.ms (-22)



m/z-->

#3

Chloromethane

Concen: 45.259 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073132.D

Acq: 19 May 2022 08:31

Tgt Ion: 50 Resp: 89990

Ion Ratio Lower Upper

50 100

52 38.0 27.4 41.0

Instrument :

MSVOA_D

ClientSampleId :

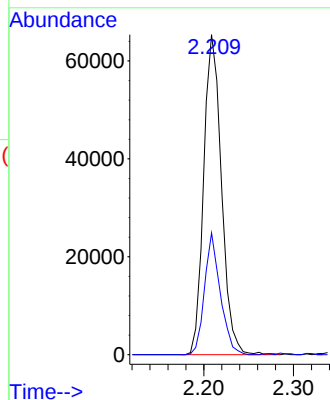
VSTDCCC050EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.591 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD073132.D

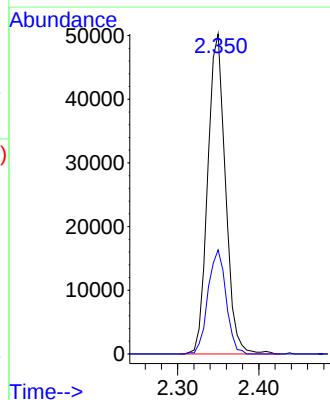
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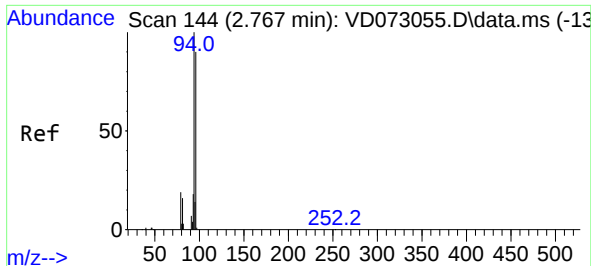
Tgt Ion: 62 Resp: 76056

Ion Ratio Lower Upper

62 100

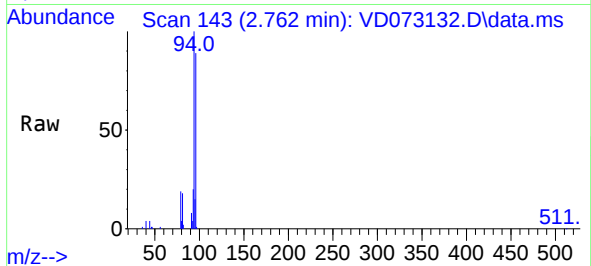
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 49.407 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

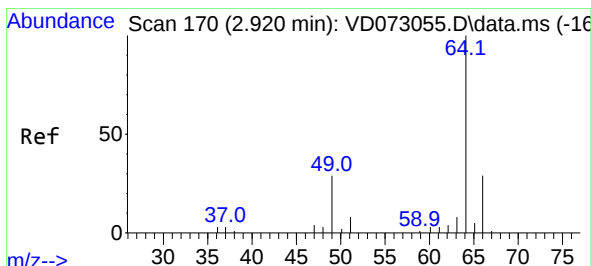
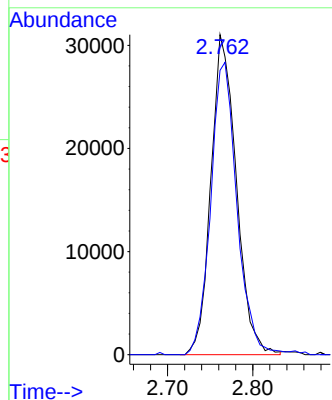
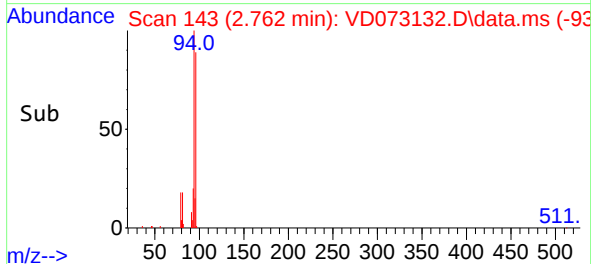
Instrument :
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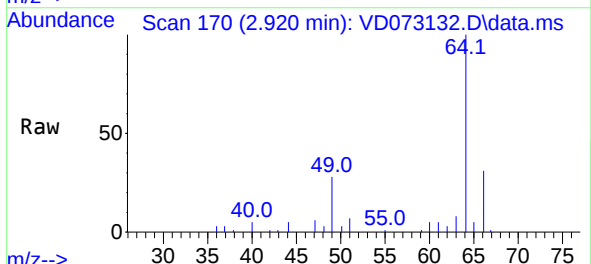
Tgt Ion: 94 Resp: 6417
Ion Ratio Lower Upper
94 100
96 88.9 77.6 116.4

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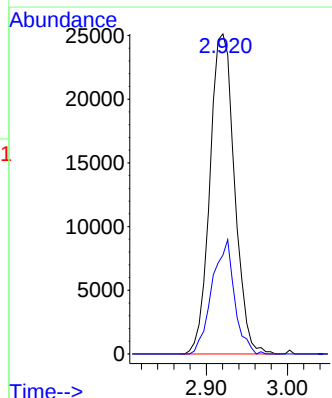
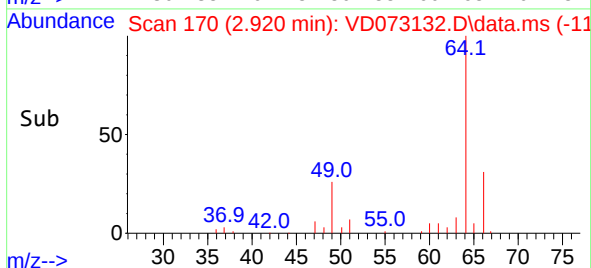
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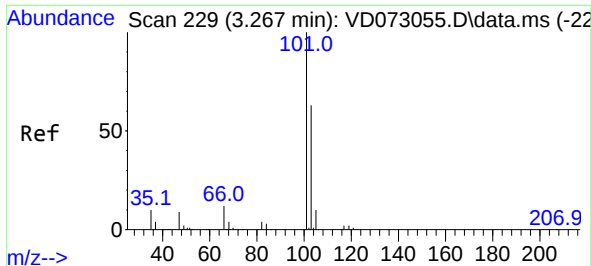


#6
Chloroethane
Concen: 46.439 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



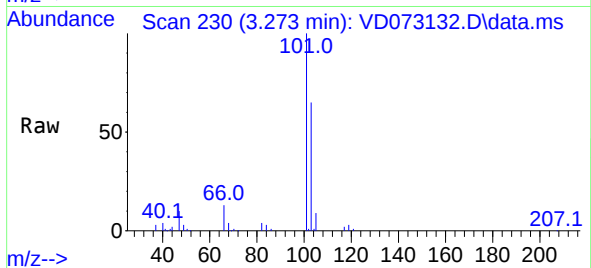
Tgt Ion: 64 Resp: 52883
Ion Ratio Lower Upper
64 100
66 30.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 39.496 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

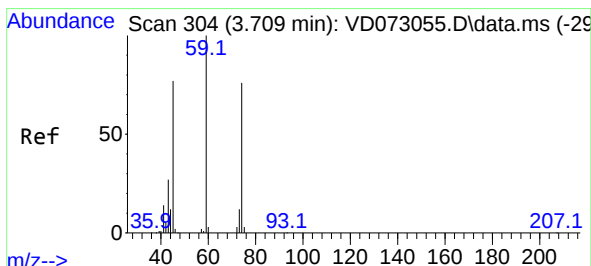
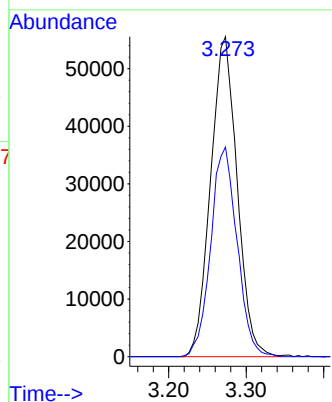
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 132170
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

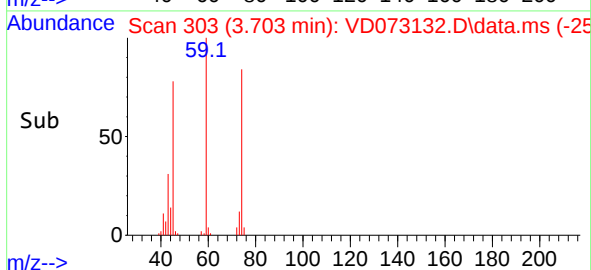
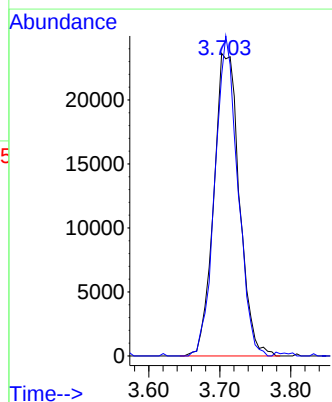
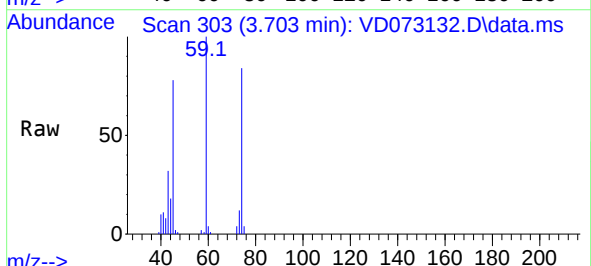
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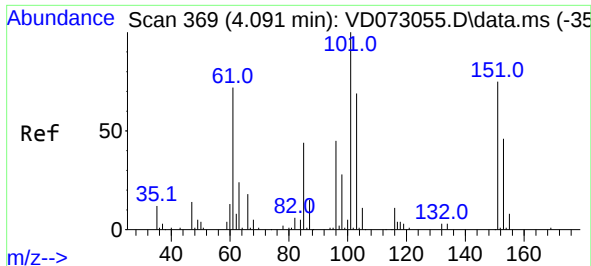
Reviewed By :John Carlone 05/19/2022
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#8
Diethyl Ether
Concen: 64.376 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073132.D
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Tgt Ion: 74 Resp: 58948
Ion Ratio Lower Upper
74 100
45 95.1 52.6 157.8





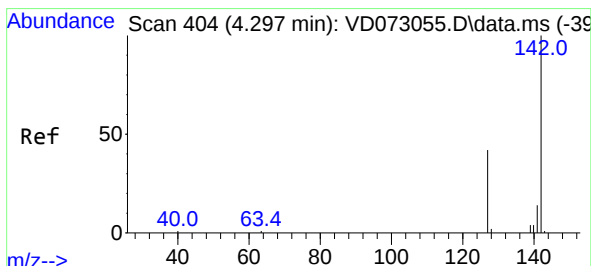
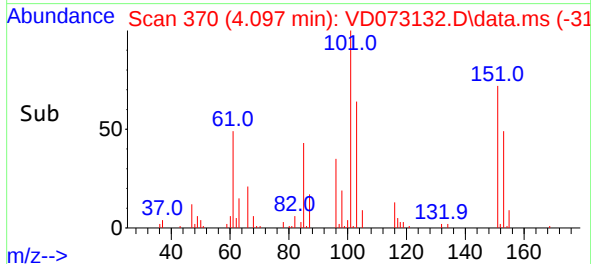
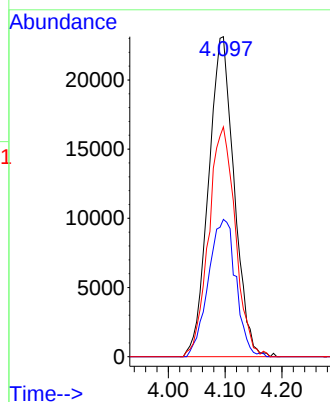
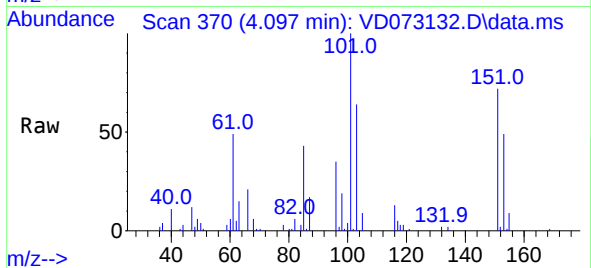
#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.578 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 72480
Ion Ratio Lower Upper
101 100
85 46.1 36.4 54.6
151 74.5 57.3 85.9

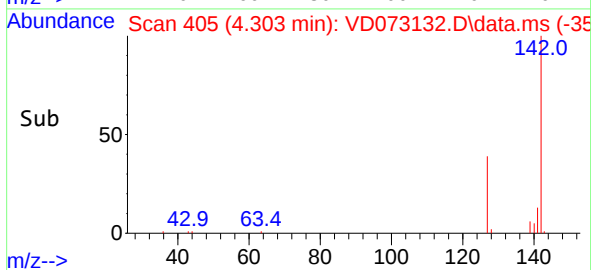
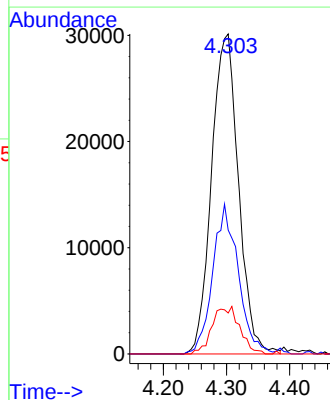
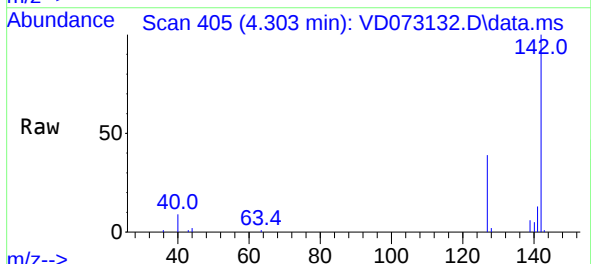
Manual Integrations
APPROVED

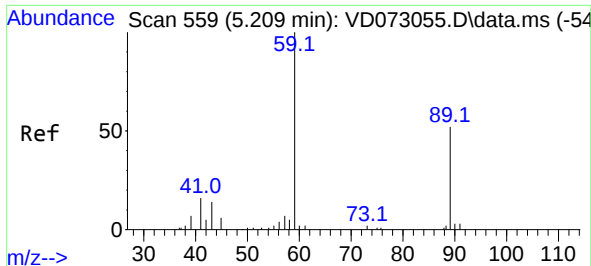
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 39.681 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

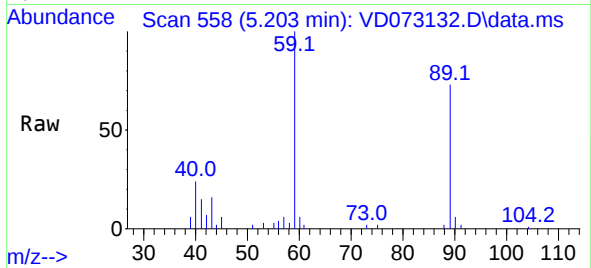
Tgt Ion:142 Resp: 89287
Ion Ratio Lower Upper
142 100
127 44.3 37.3 55.9
141 15.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 234.053 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

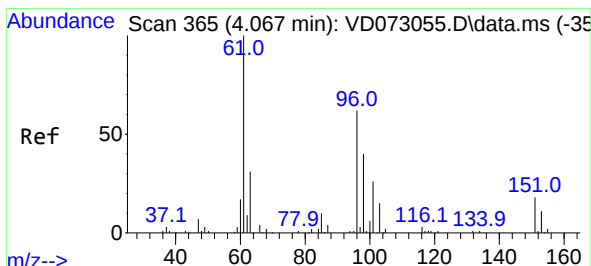
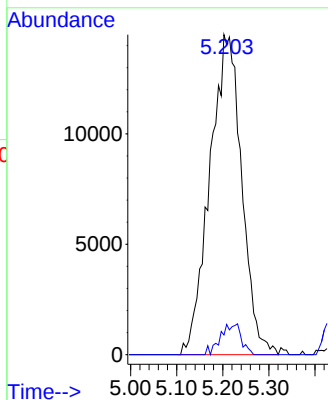
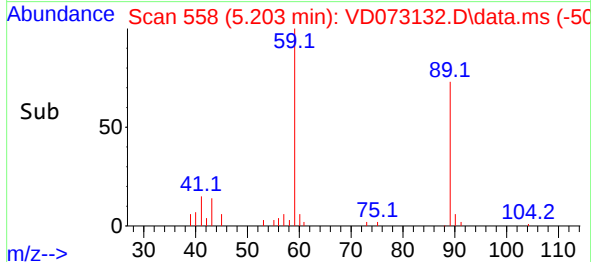
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



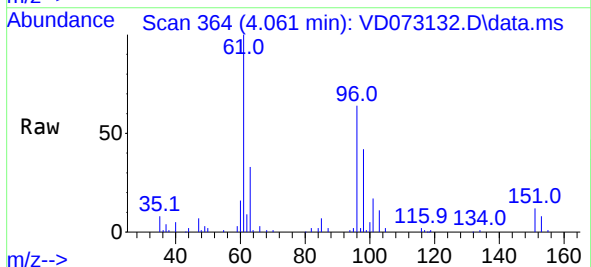
Tgt Ion: 59 Resp: 6983
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

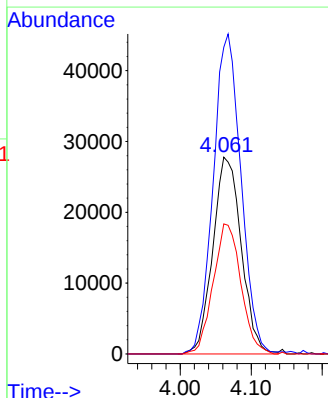
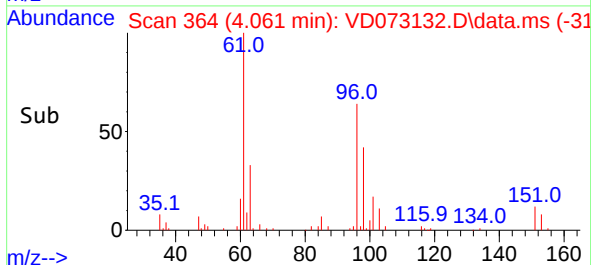
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

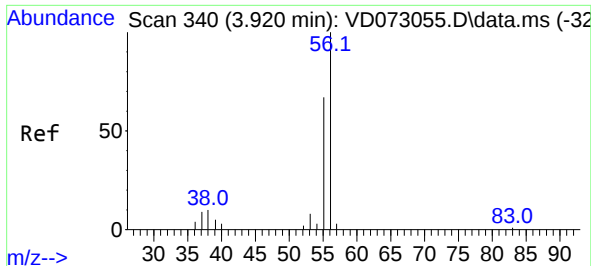


#12
1,1-Dichloroethene
Concen: 43.084 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



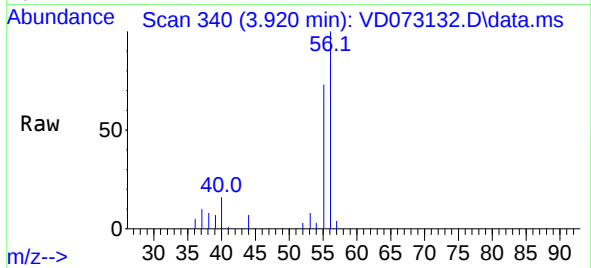
Tgt Ion: 96 Resp: 77207
Ion Ratio Lower Upper
96 100
61 155.9 138.5 207.7
98 66.1 48.6 73.0





#13
Acrolein
Concen: 281.611 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

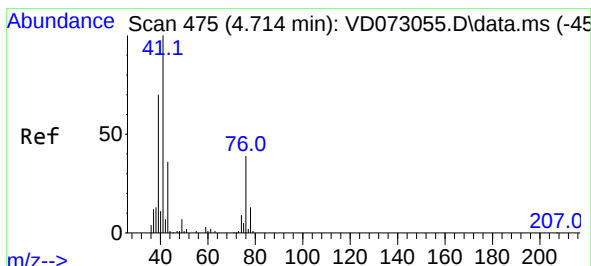
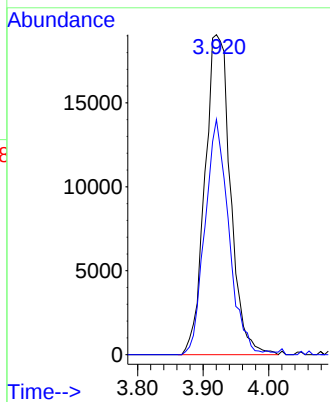
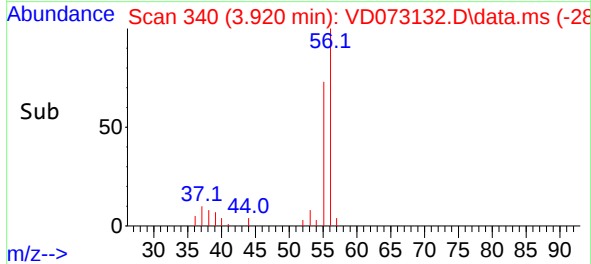
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



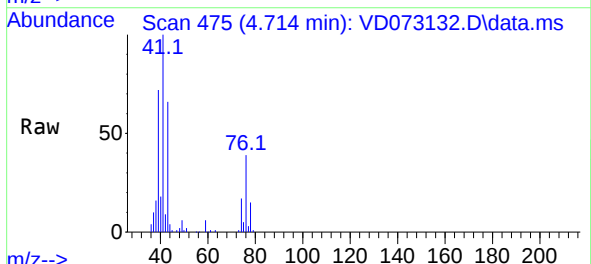
Tgt Ion: 56 Resp: 51604
Ion Ratio Lower Upper
56 100
55 68.6 57.1 85.7

Manual Integrations
APPROVED

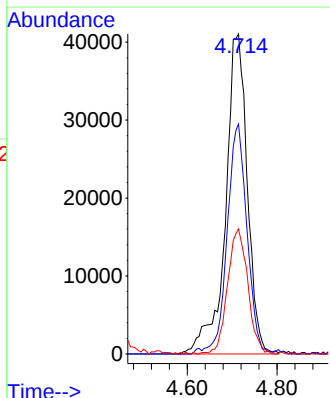
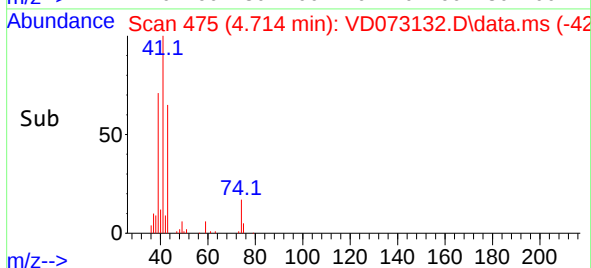
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

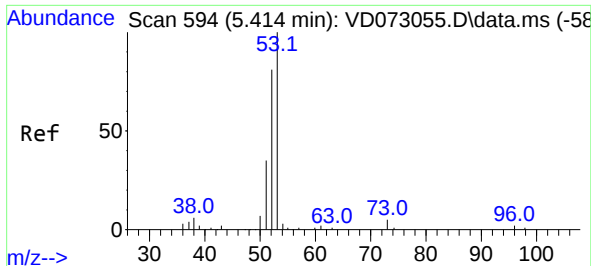


#14
Allyl chloride
Concen: 48.965 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



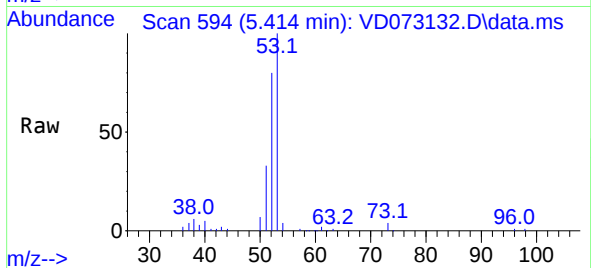
Tgt Ion: 41 Resp: 139018
Ion Ratio Lower Upper
41 100
39 63.3 59.3 88.9
76 36.2 25.7 38.5





#15
Acrylonitrile
Concen: 415.314 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

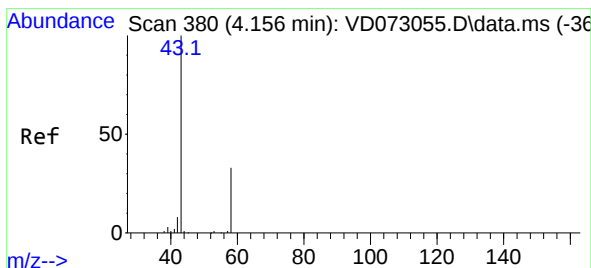
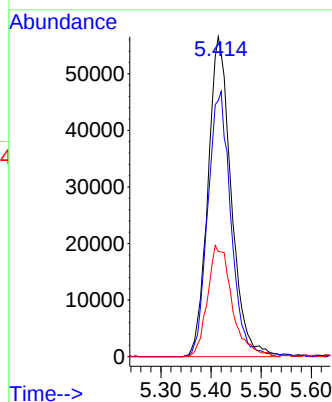
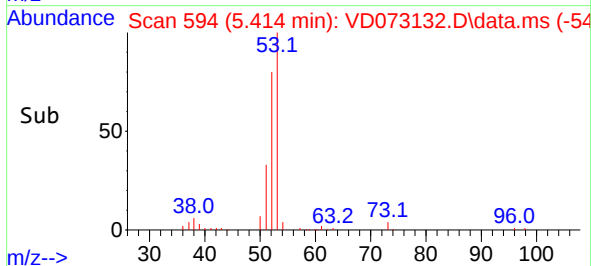
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 182268
Ion Ratio Lower Upper
53 100
52 82.5 67.2 100.8
51 36.7 30.3 45.5

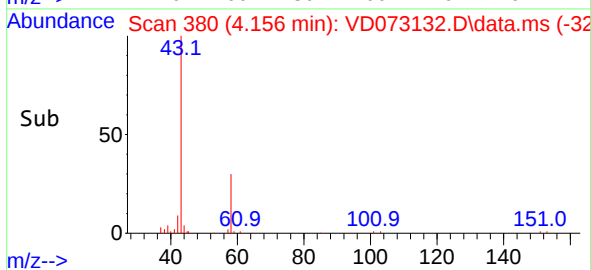
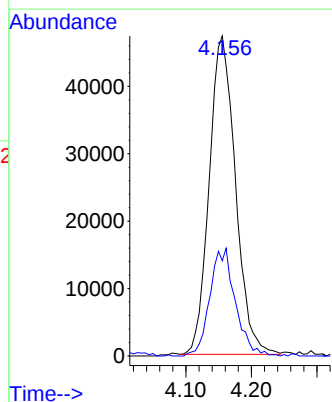
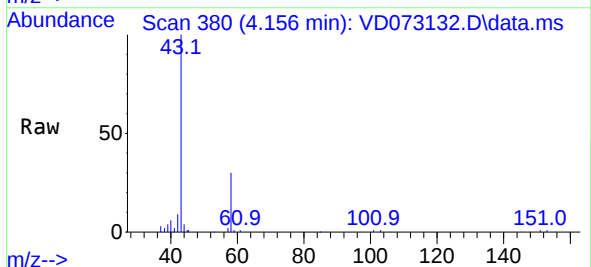
Manual Integrations
APPROVED

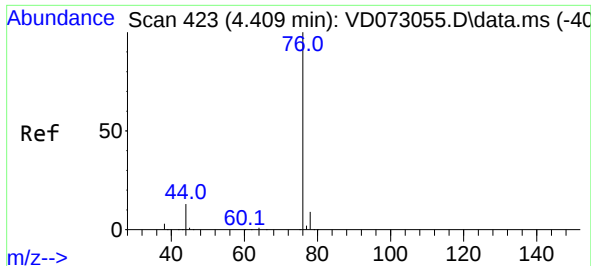
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#16
Acetone
Concen: 376.328 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

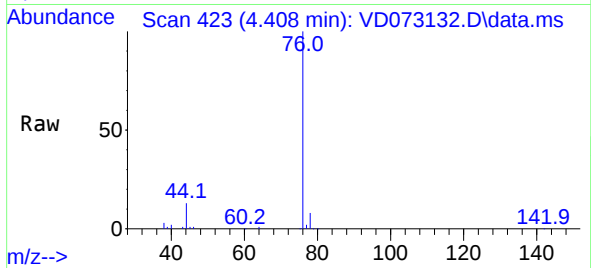
Tgt Ion: 43 Resp: 131362
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1





#17
Carbon Disulfide
Concen: 43.845 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

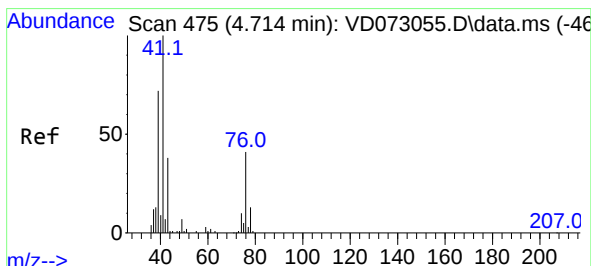
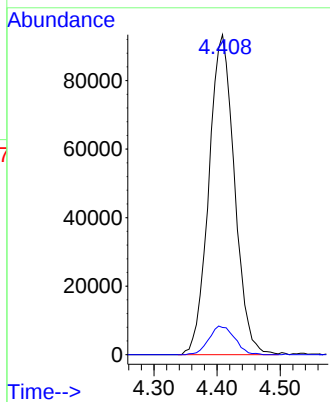
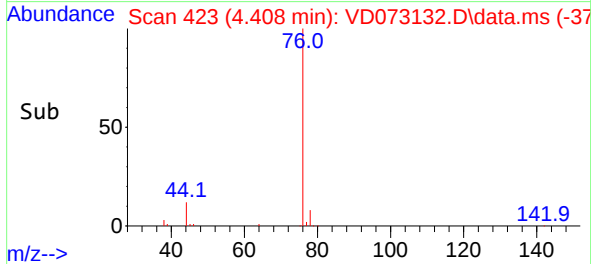
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



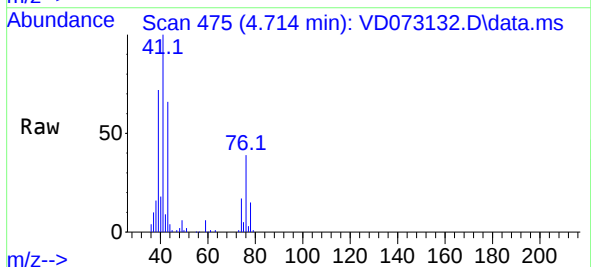
Tgt Ion: 76 Resp: 263149
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
APPROVED

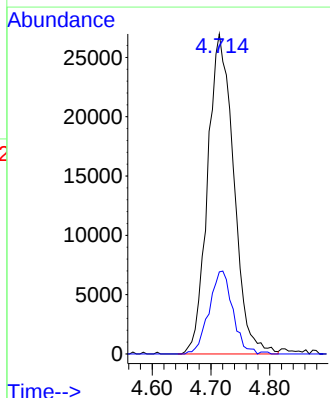
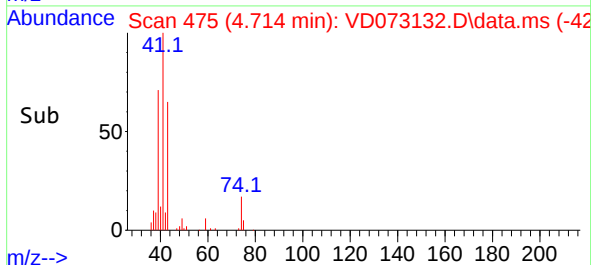
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

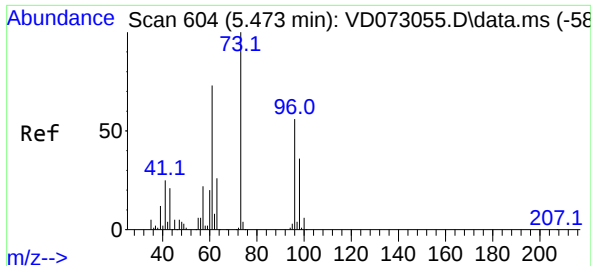


#18
Methyl Acetate
Concen: 78.021 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



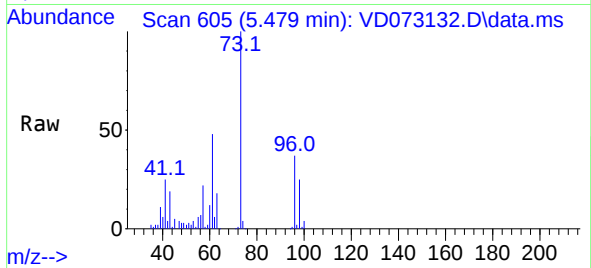
Tgt Ion: 43 Resp: 83127
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 68.224 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

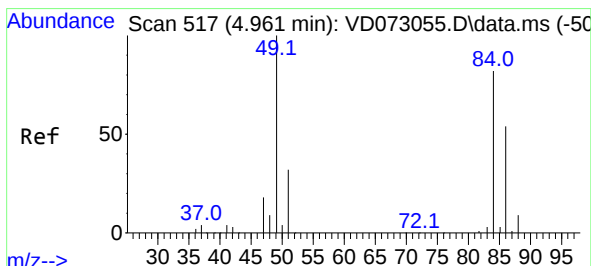
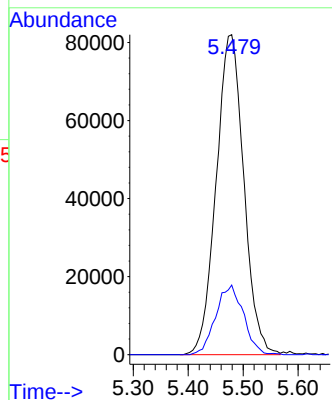
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 285915
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

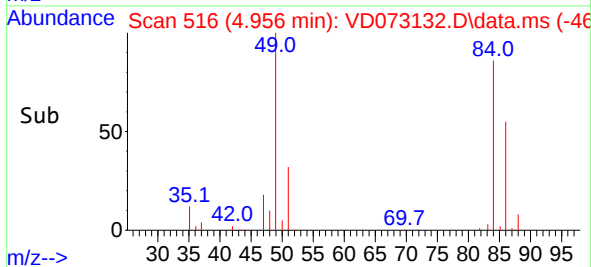
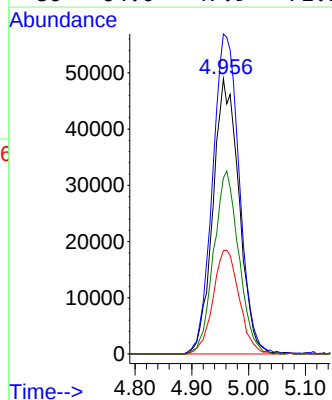
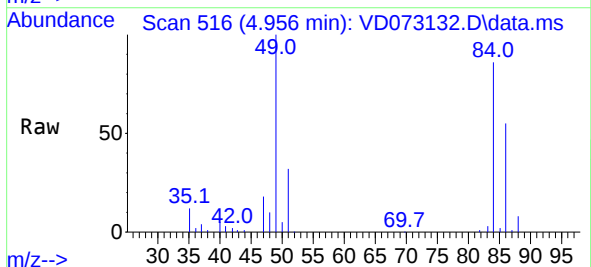
Manual Integrations
APPROVED

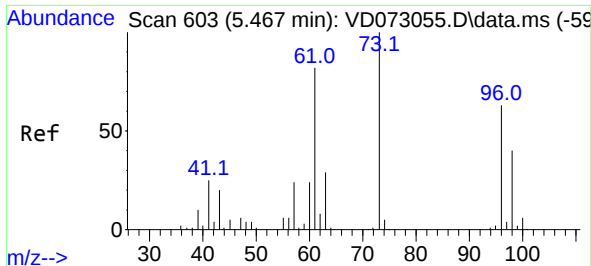
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 61.565 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

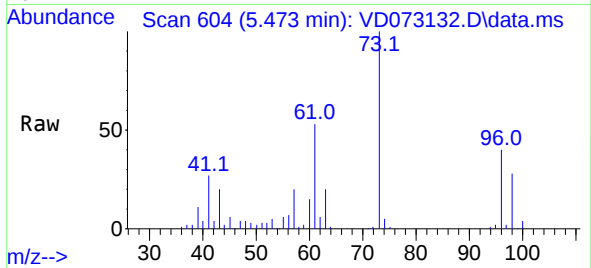
Tgt Ion: 84 Resp: 155973
Ion Ratio Lower Upper
84 100
49 116.3 112.8 169.2
51 37.6 32.6 48.8
86 64.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 48.518 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

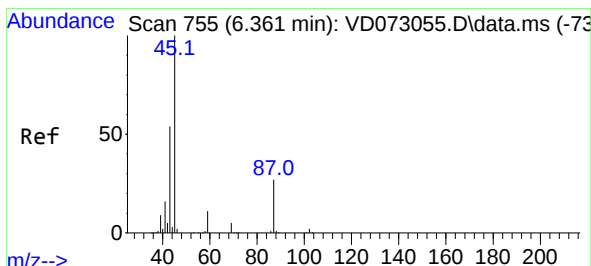
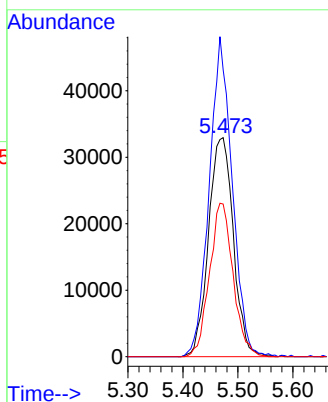
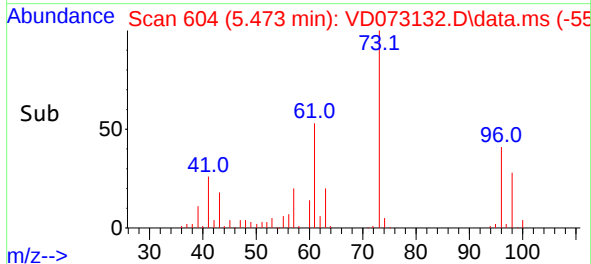
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



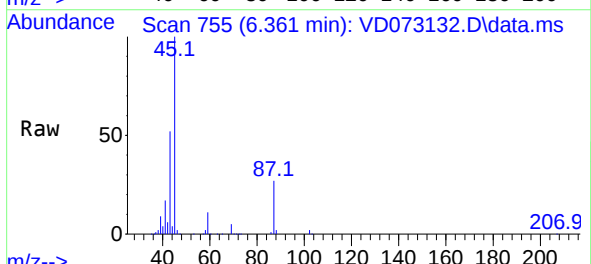
Tgt Ion: 96 Resp: 10342
Ion Ratio Lower Upper
96 100
61 131.0 117.9 176.9
98 69.7 49.4 74.2

Manual Integrations
APPROVED

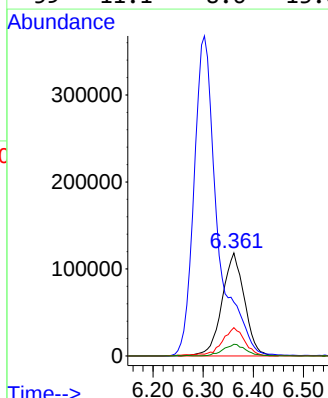
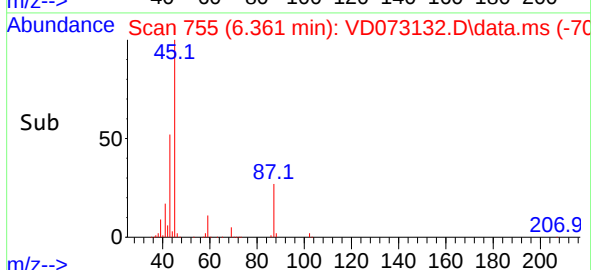
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

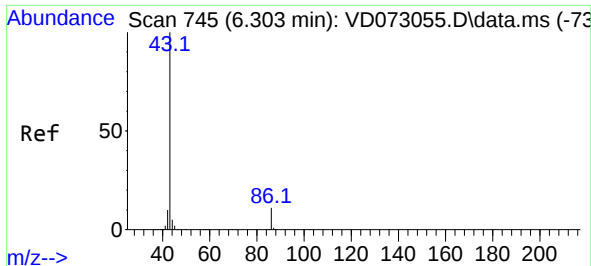


#22
Diisopropyl ether
Concen: 60.243 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



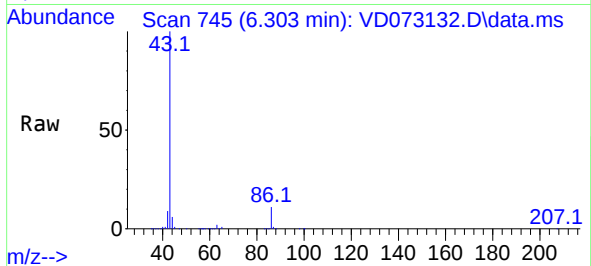
Tgt Ion: 45 Resp: 367114
Ion Ratio Lower Upper
45 100
43 51.3 46.6 70.0
87 27.2 18.4 27.6
59 11.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 363.389 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073132.D
 Acq: 19 May 2022 08:31

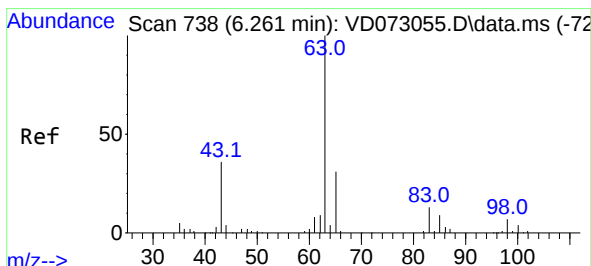
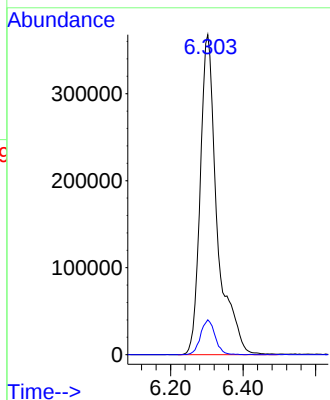
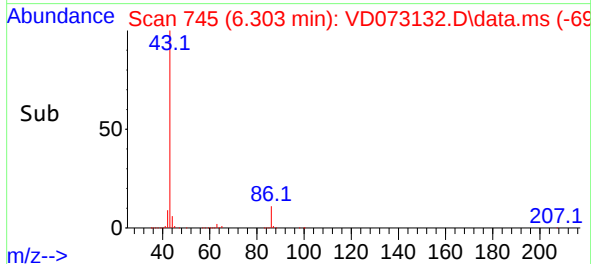
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



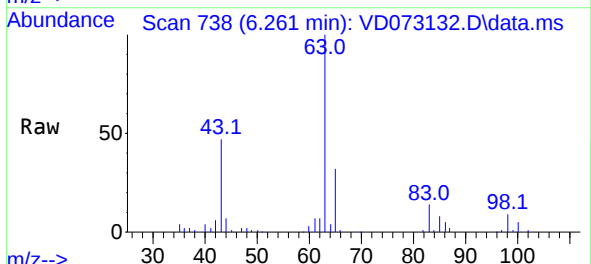
Tgt Ion: 43 Resp: 119631
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

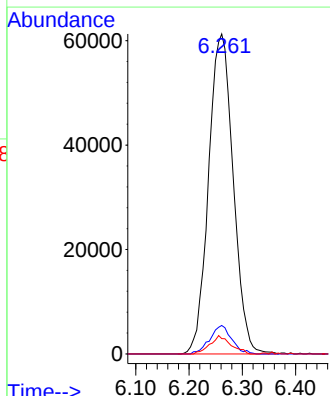
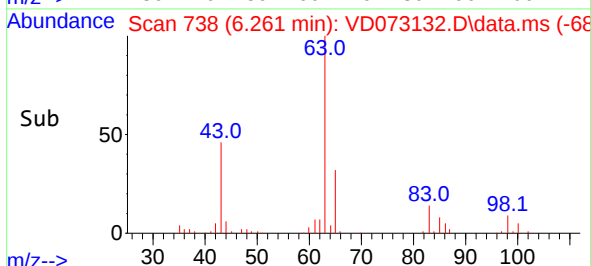
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

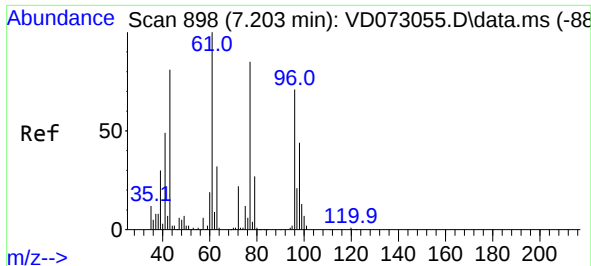


#24
 1,1-Dichloroethane
 Concen: 51.922 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073132.D
 Acq: 19 May 2022 08:31



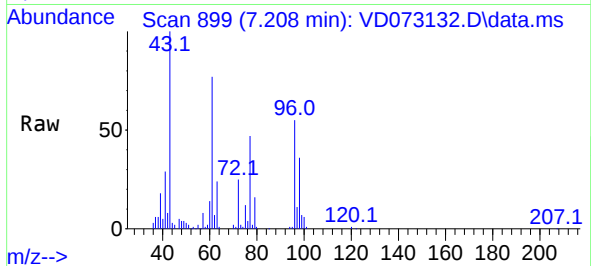
Tgt Ion: 63 Resp: 196849
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.9
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 411.366 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

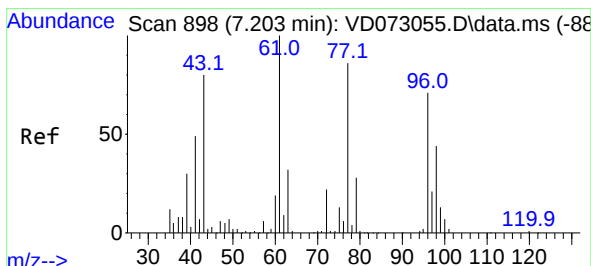
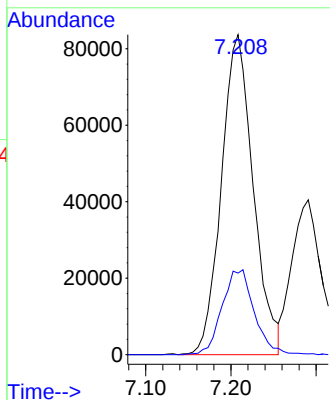
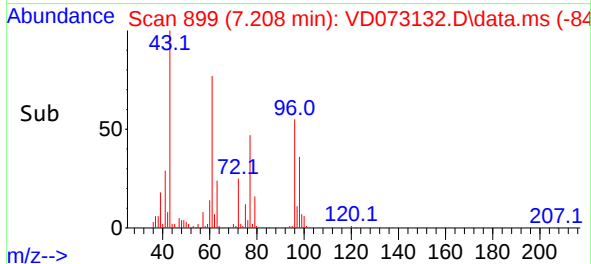
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



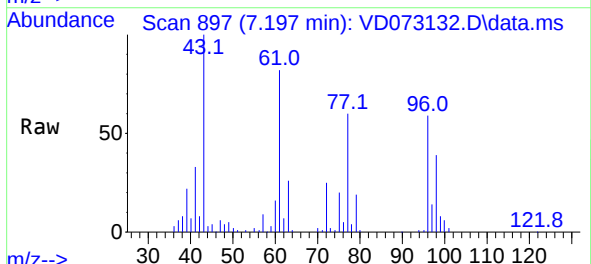
Tgt Ion: 43 Resp: 217436
Ion Ratio Lower Upper
43 100
72 25.5 18.6 27.8

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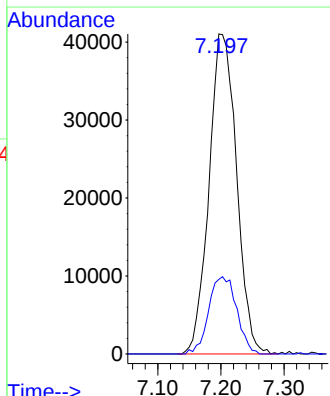
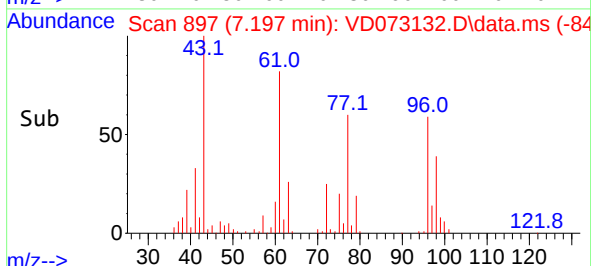
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

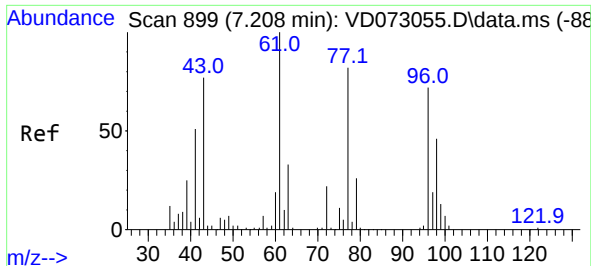


#26
2,2-Dichloropropane
Concen: 38.743 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



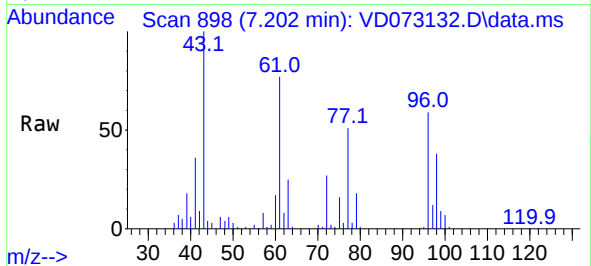
Tgt Ion: 77 Resp: 124354
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 54.170 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

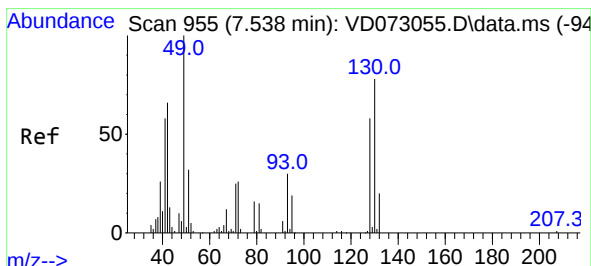
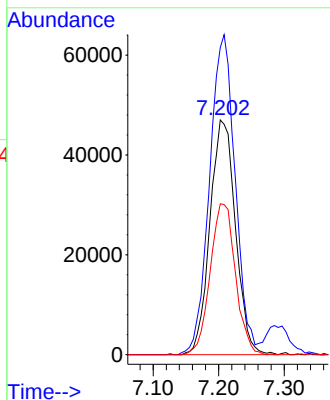
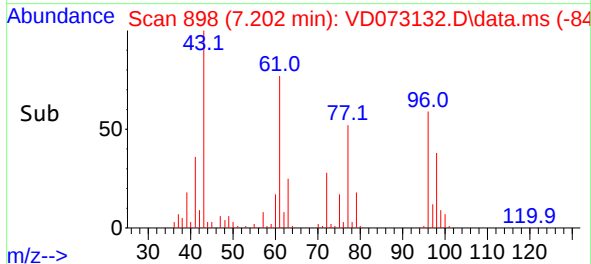
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 127335
Ion Ratio Lower Upper
96 100
61 136.6 0.0 313.8
98 63.5 0.0 128.8

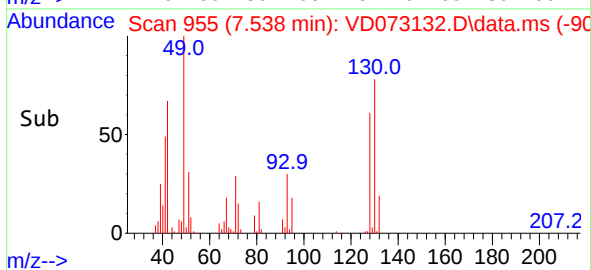
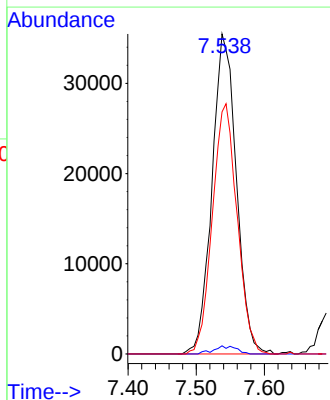
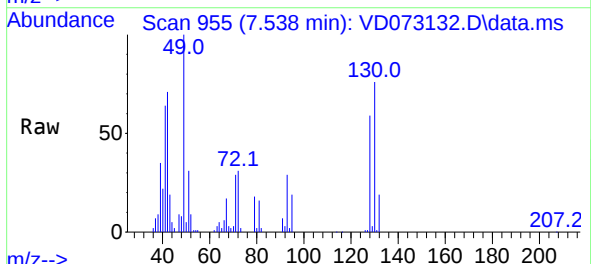
Manual Integrations
APPROVED

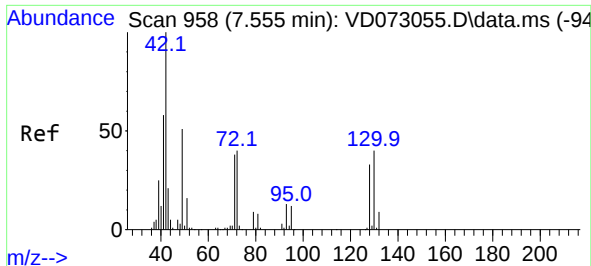
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 67.781 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Tgt Ion: 49 Resp: 88026
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 79.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 427.626 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073132.D

Acq: 19 May 2022 08:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14544

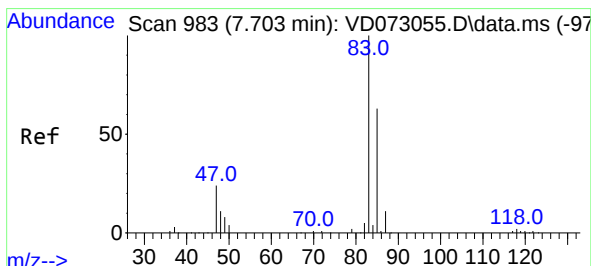
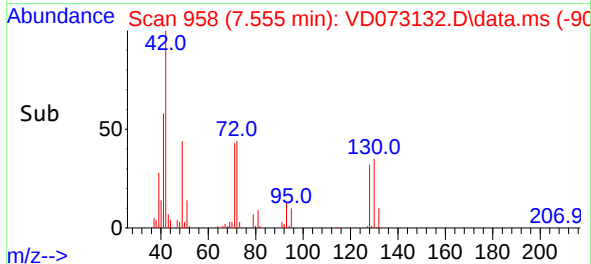
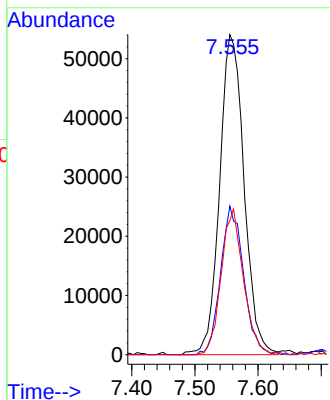
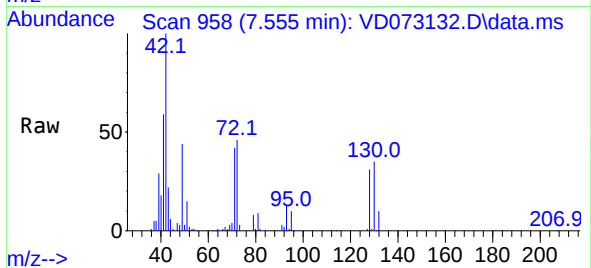
Ion	Ratio	Lower	Upper
42	100		
72	43.5	30.7	46.1
71	41.4	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#30

Chloroform

Concen: 54.315 ug/l

RT: 7.702 min Scan# 983

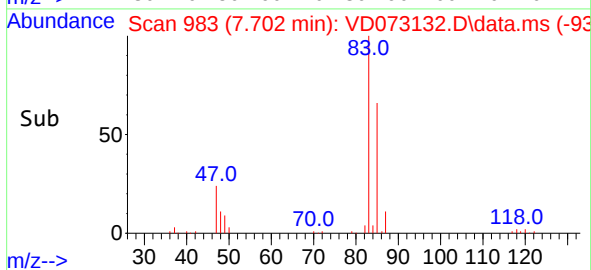
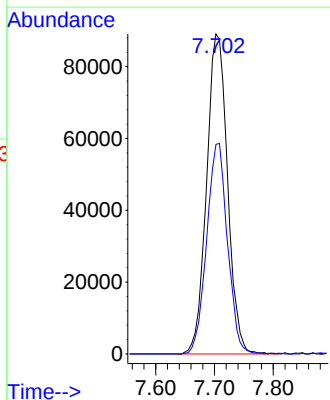
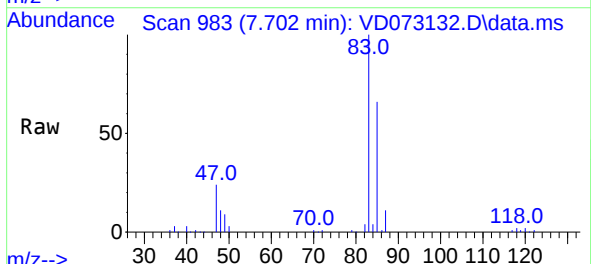
Delta R.T. -0.000 min

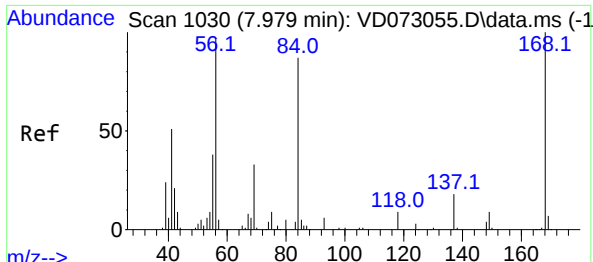
Lab File: VD073132.D

Acq: 19 May 2022 08:31

Tgt Ion: 83 Resp: 220328

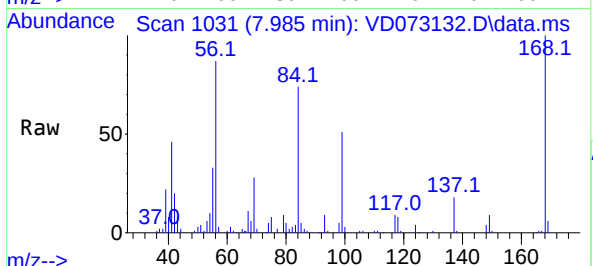
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.7	79.1





#31
Cyclohexane
Concen: 35.067 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

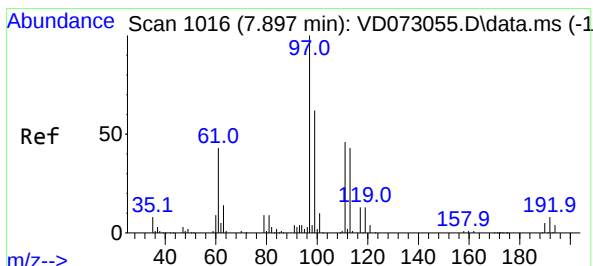
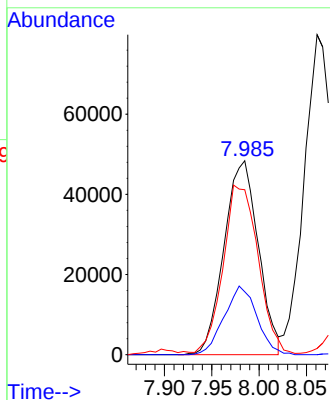
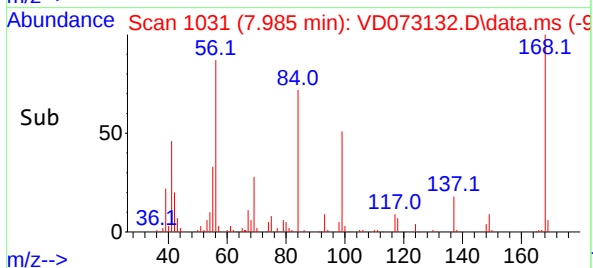
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



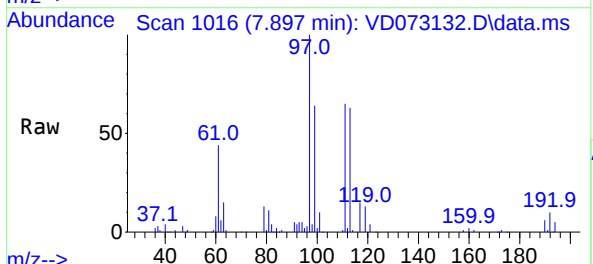
Tgt Ion: 56 Resp: 121839
Ion Ratio Lower Upper
56 100
69 32.5 25.4 38.2
84 84.0 63.0 94.4

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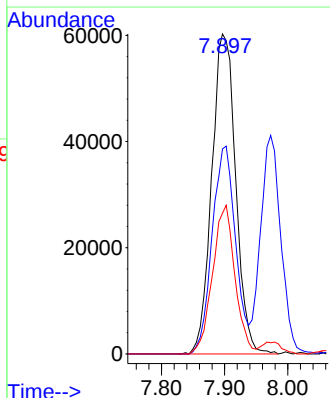
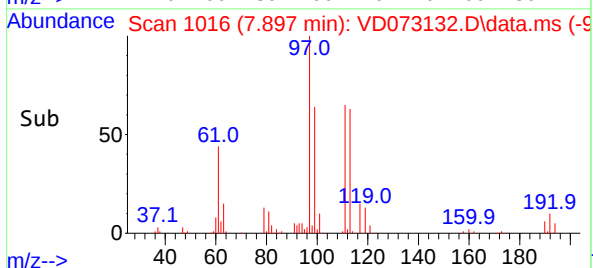
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

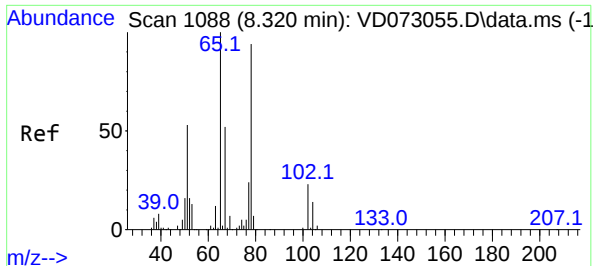


#32
1,1,1-Trichloroethane
Concen: 45.664 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



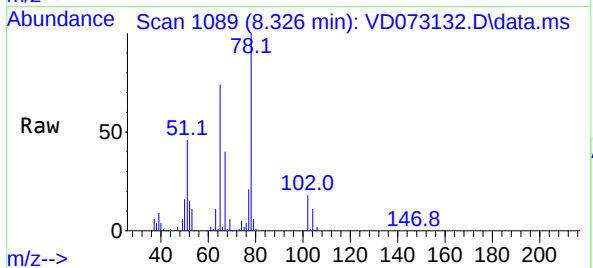
Tgt Ion: 97 Resp: 158697
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 43.6 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 72.086 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

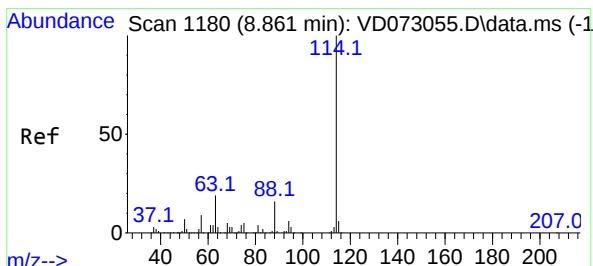
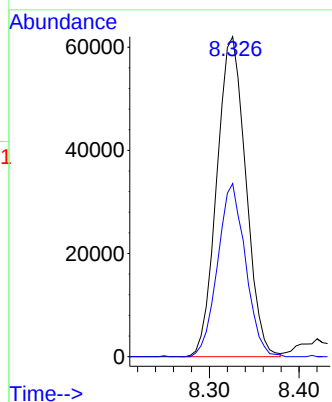
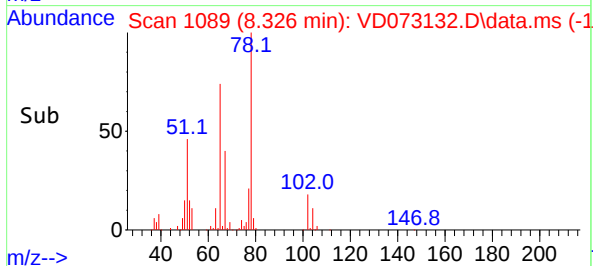
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



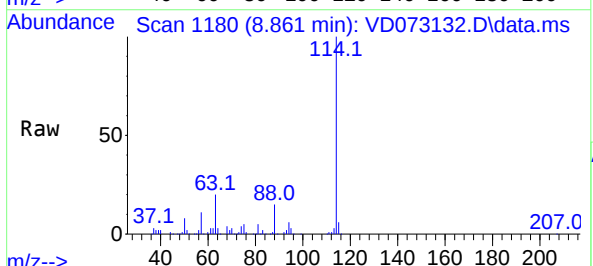
Tgt Ion: 65 Resp: 139040
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

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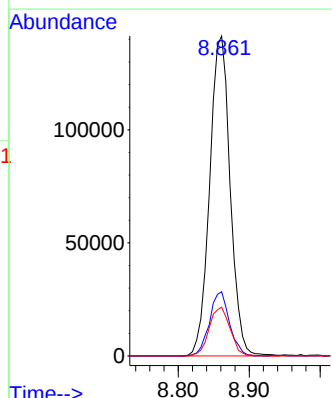
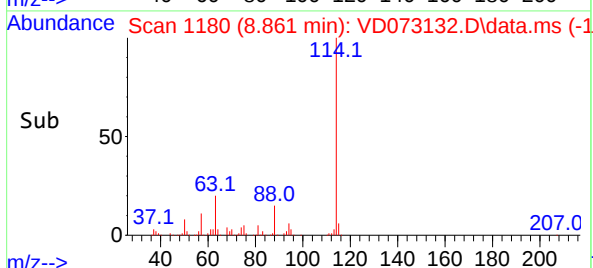
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

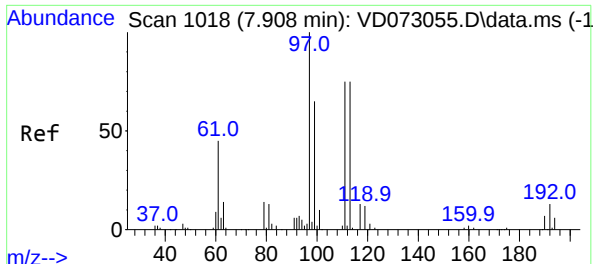


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



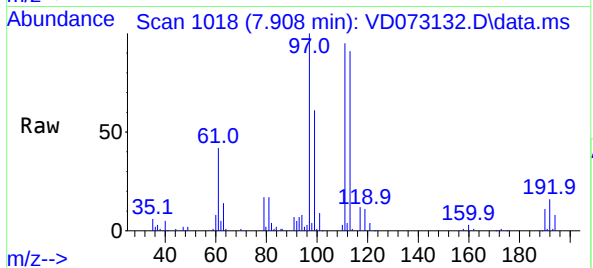
Tgt Ion:114 Resp: 284178
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 61.181 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

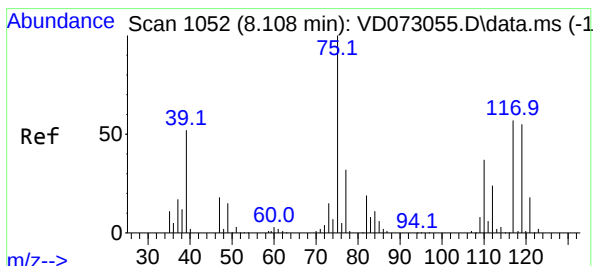
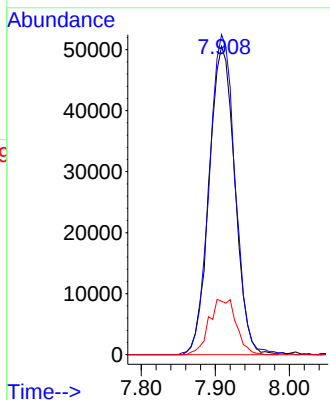
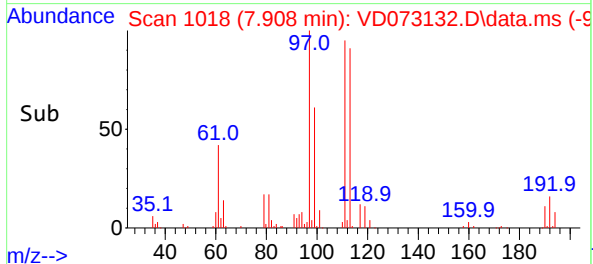
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



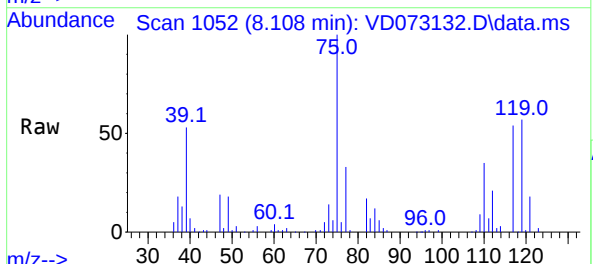
Tgt Ion: 113 Resp: 122072
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.9 14.6 21.8

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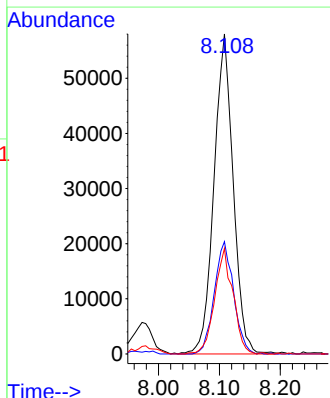
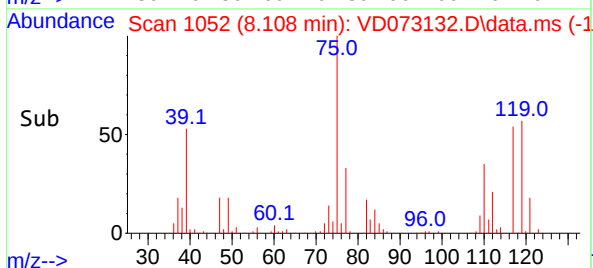
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

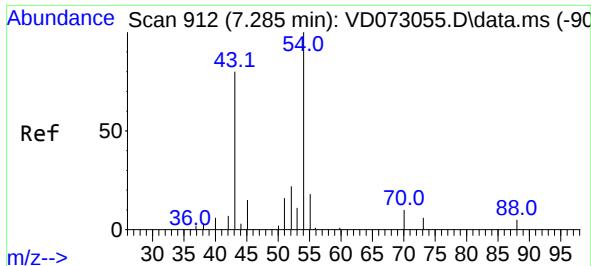


#36
1,1-Dichloropropene
Concen: 39.183 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



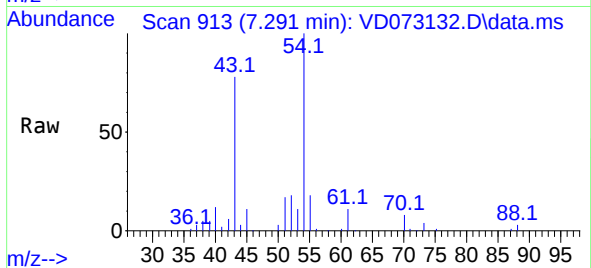
Tgt Ion: 75 Resp: 127385
Ion Ratio Lower Upper
75 100
110 35.3 16.4 49.1
77 31.4 24.2 36.2





#37
Ethyl Acetate
Concen: 73.694 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

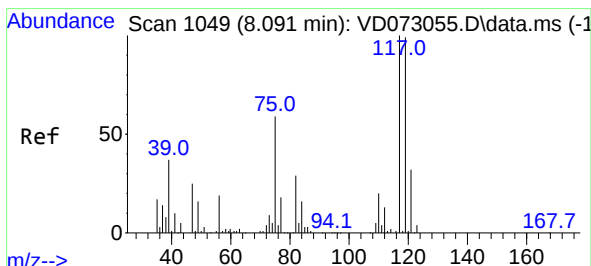
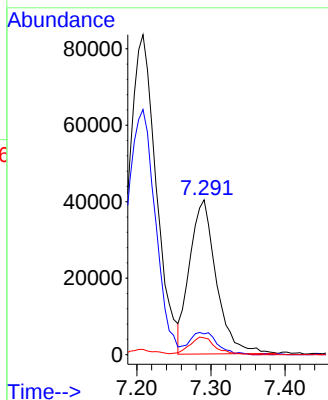
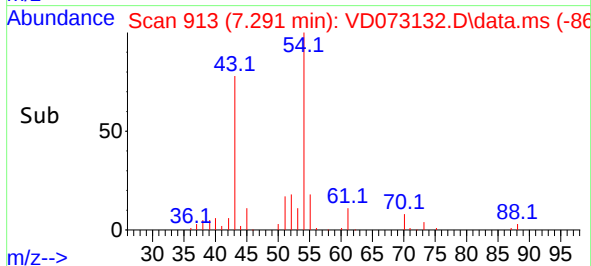
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100618
Ion Ratio Lower Upper
43 100
61 14.8 9.8 14.8
70 11.1 6.9 10.3

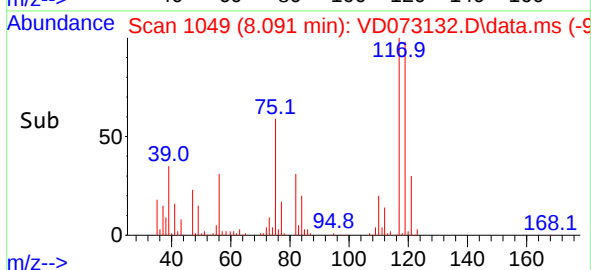
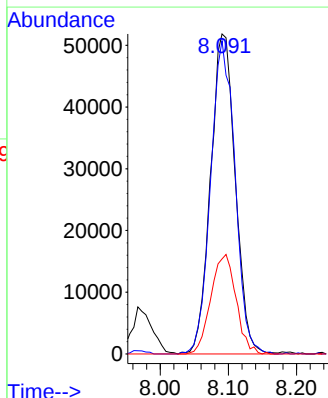
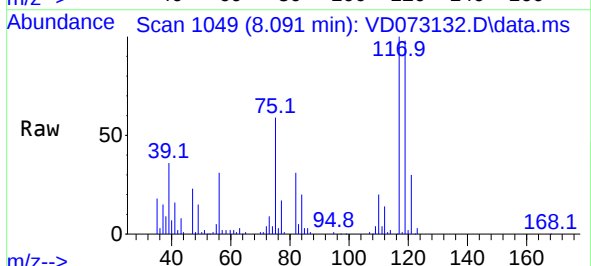
Manual Integrations
APPROVED

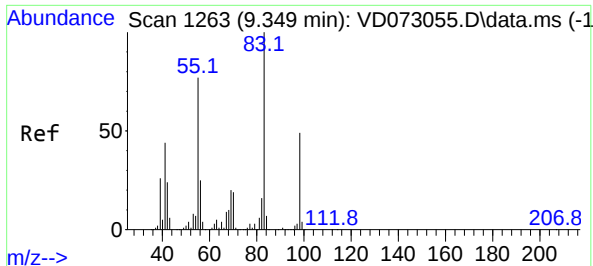
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 39.305 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

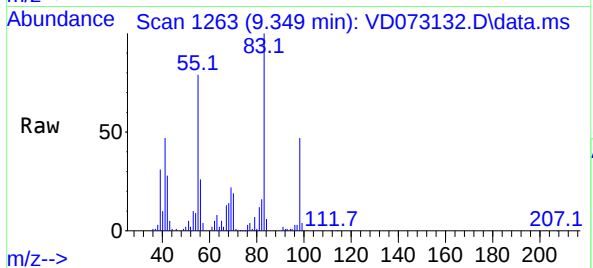
Tgt Ion:117 Resp: 130735
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.6
121 29.7 24.5 36.7





#39
Methylcyclohexane
Concen: 31.598 ug/l
RT: 9.349 min Scan# 11978
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

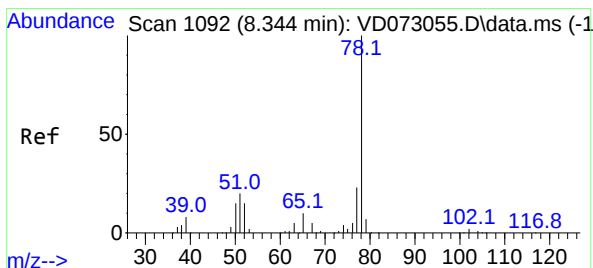
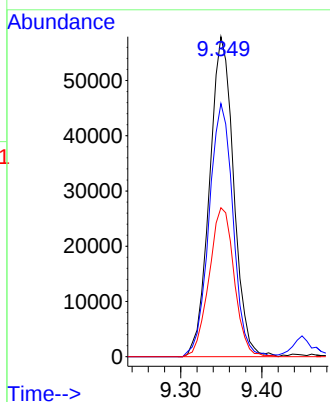
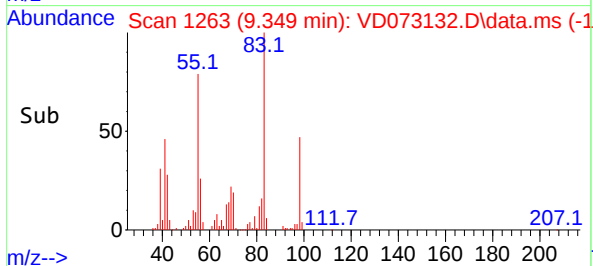
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11978
Ion Ratio Lower Upper
83 100
55 79.1 63.2 94.8
98 46.6 38.2 57.4

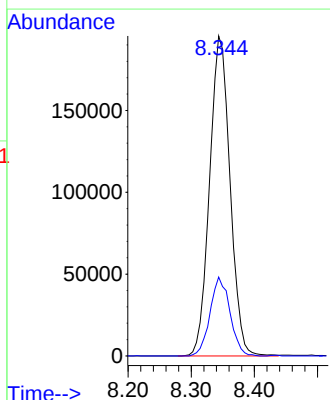
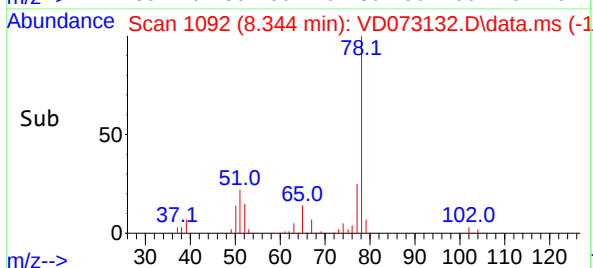
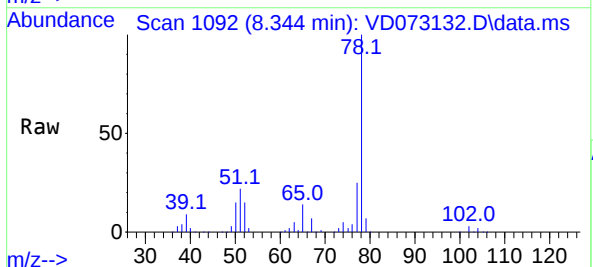
Manual Integrations
APPROVED

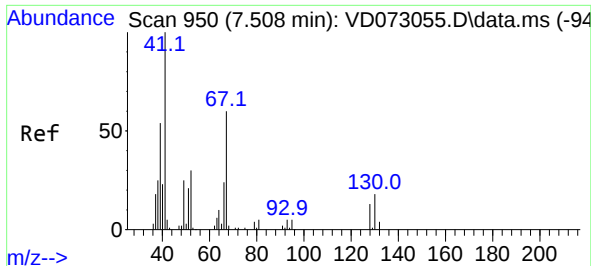
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#40
Benzene
Concen: 47.333 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

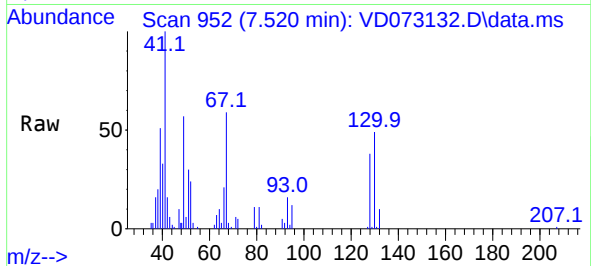
Tgt Ion: 78 Resp: 440002
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7





#41
Methacrylonitrile
Concen: 64.969 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

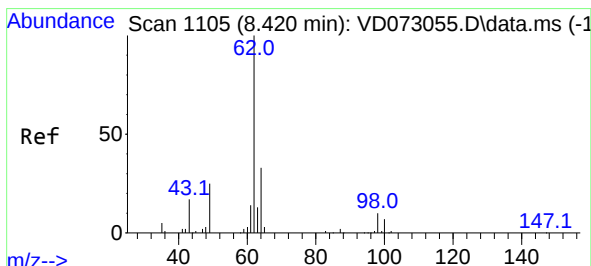
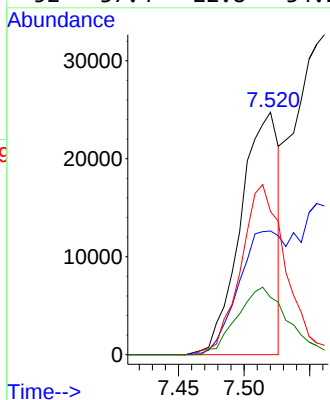
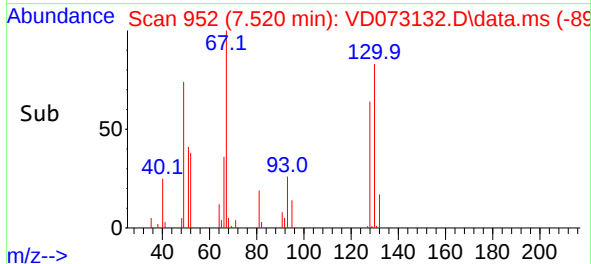
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 50020
Ion Ratio Lower Upper
41 100
39 62.3 44.6 67.0
67 83.3 48.2 72.4
52 37.4 22.8 34.2

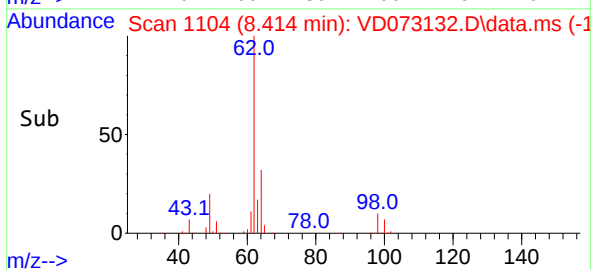
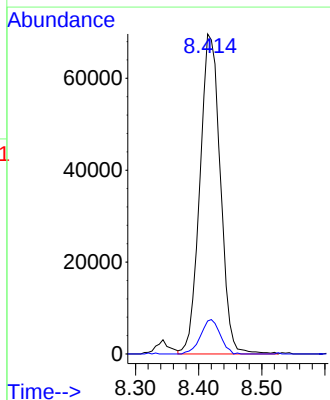
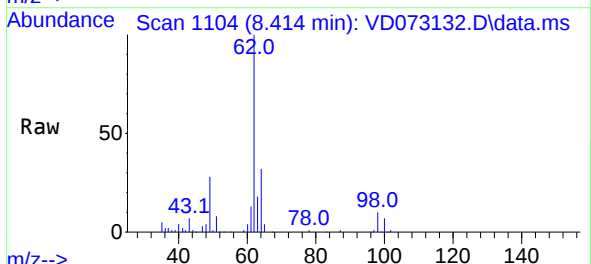
Manual Integrations
APPROVED

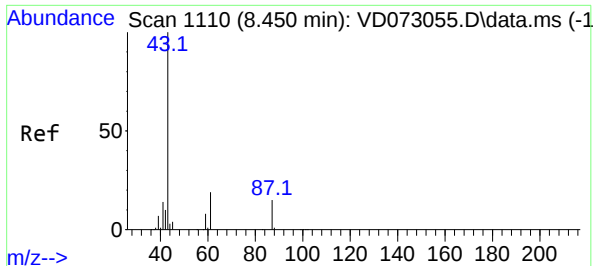
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 57.905 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

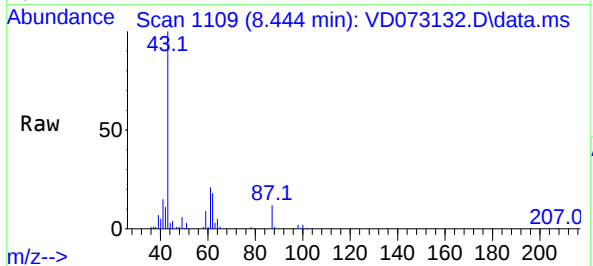
Tgt Ion: 62 Resp: 156678
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 70.633 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

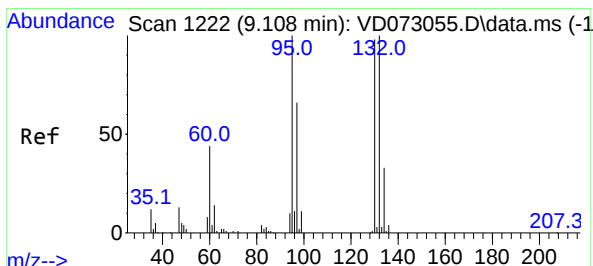
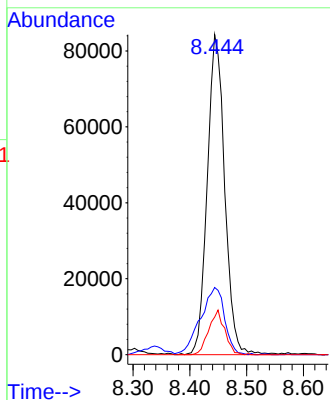
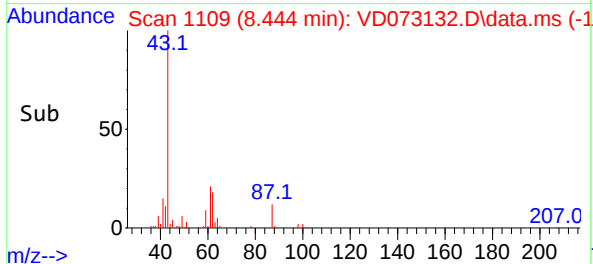
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 179299
Ion Ratio Lower Upper
43 100
61 29.0 22.4 33.6
87 12.7 8.7 13.1

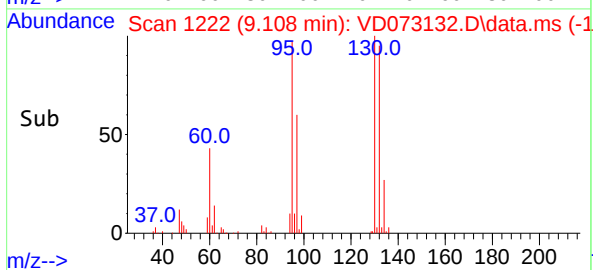
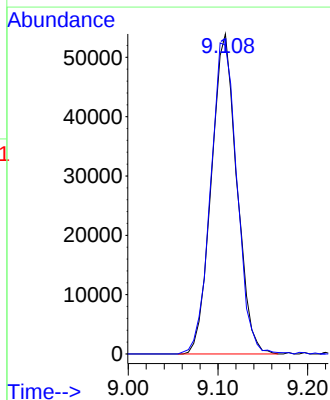
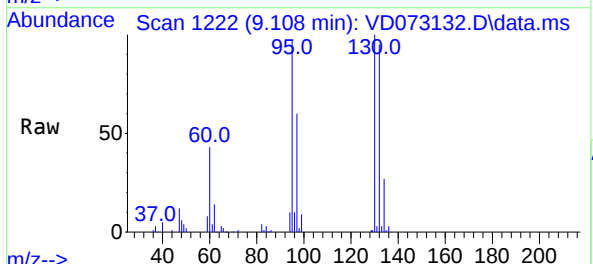
Manual Integrations
APPROVED

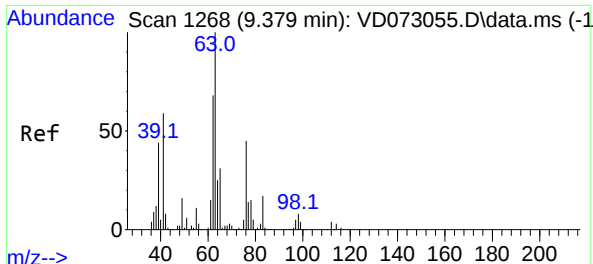
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 42.205 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

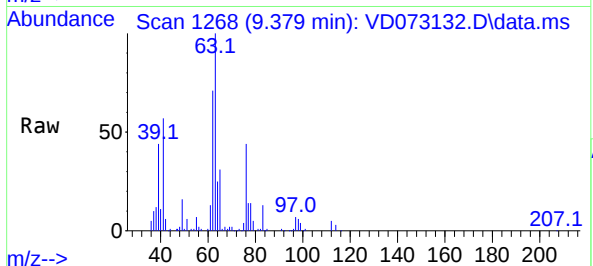
Tgt Ion:130 Resp: 106121
Ion Ratio Lower Upper
130 100
95 96.5 0.0 205.4





#45
1,2-Dichloropropane
Concen: 50.315 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

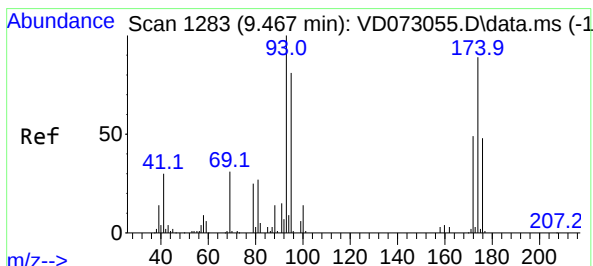
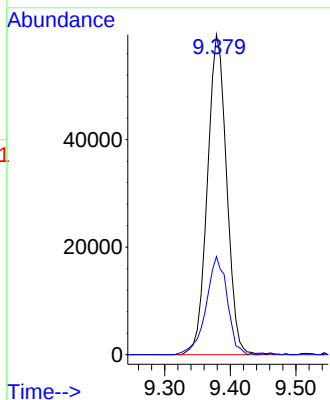
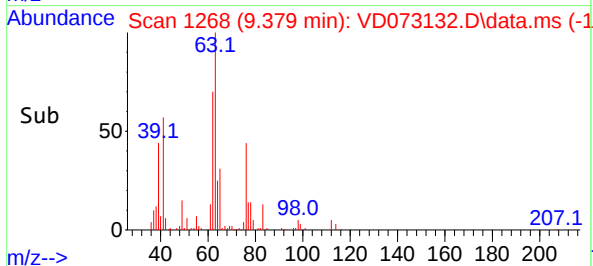
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



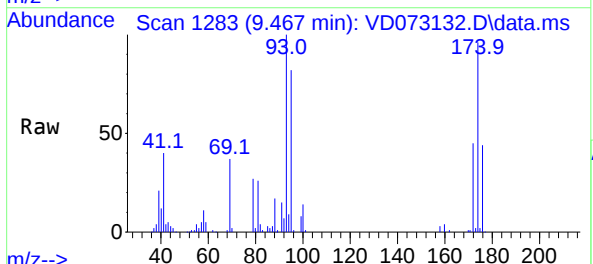
Tgt Ion: 63 Resp: 121463
Ion Ratio Lower Upper
63 100
65 30.4 26.2 39.4

Manual Integrations
APPROVED

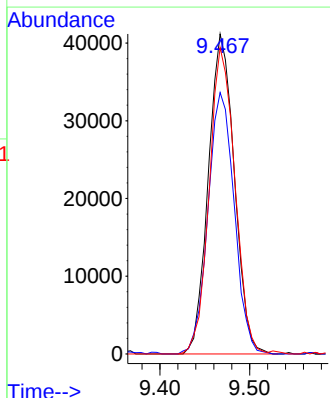
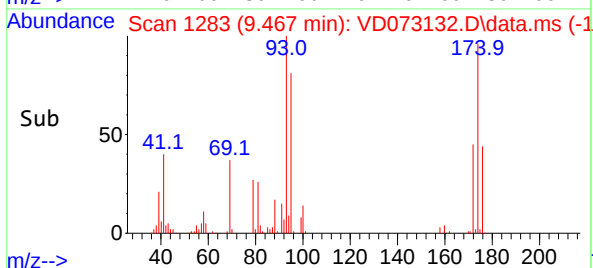
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

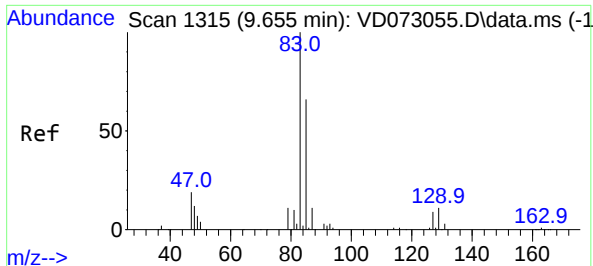


#46
Dibromomethane
Concen: 61.983 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion: 93 Resp: 82739
Ion Ratio Lower Upper
93 100
95 82.6 66.7 100.1
174 94.6 71.6 107.4





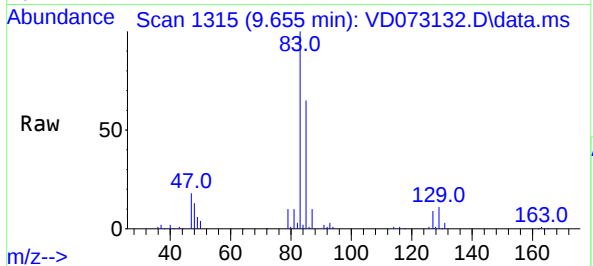
#47
Bromodichloromethane
Concen: 53.377 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



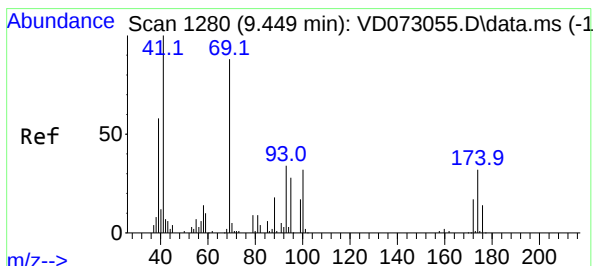
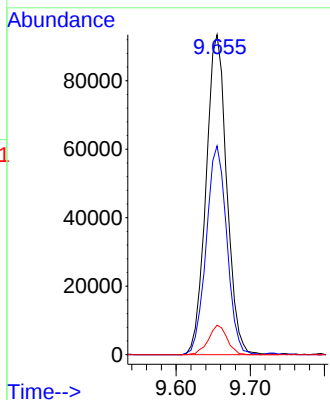
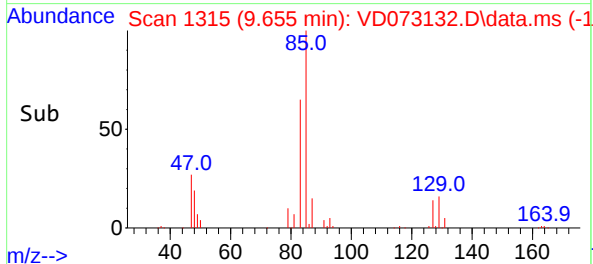
Tgt Ion: 83 Resp: 18096
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 9.2 6.1 9.1

Manual Integrations

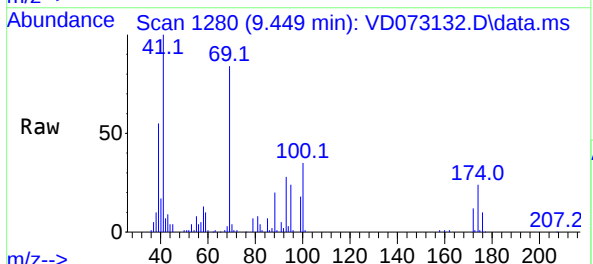
APPROVED

Reviewed By :John Carlone 05/19/2022

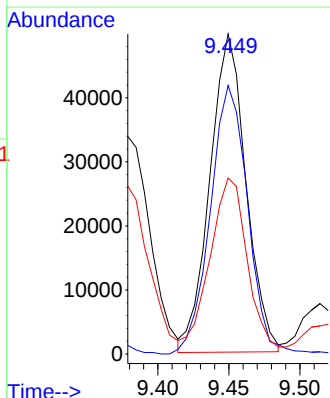
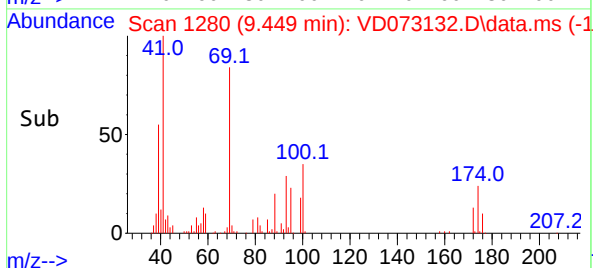
Supervised By :Mahesh Dadoda 05/24/2022

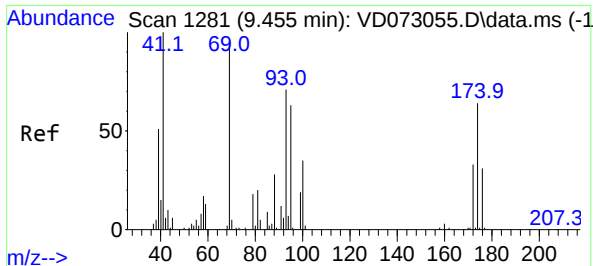


#48
Methyl methacrylate
Concen: 69.779 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion: 41 Resp: 87861
Ion Ratio Lower Upper
41 100
69 87.6 56.7 85.1#
39 57.5 42.7 64.1





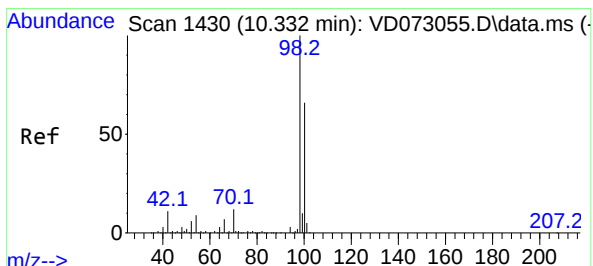
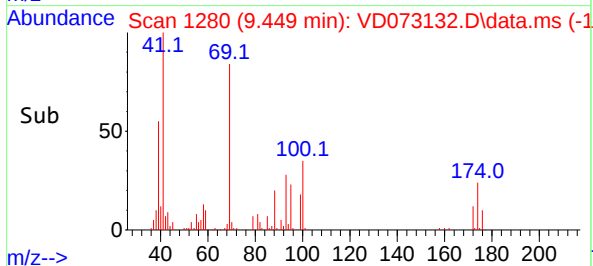
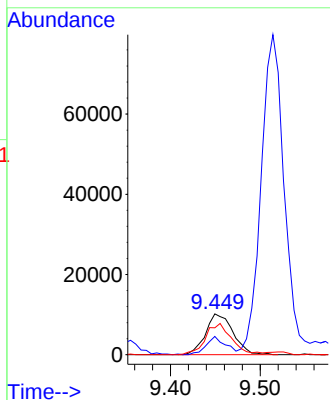
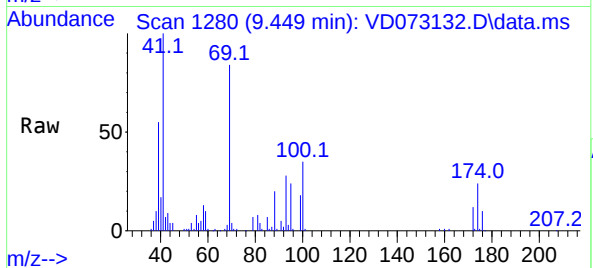
#49
1,4-Dioxane
Concen: 1553.950 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 21590
Ion Ratio Lower Upper
88 100
43 31.7 31.0 46.4
58 73.0 58.1 87.1

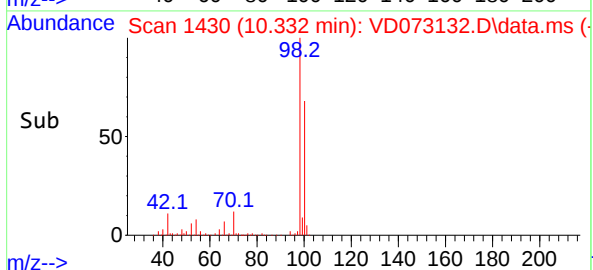
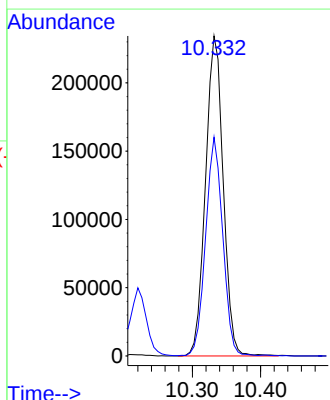
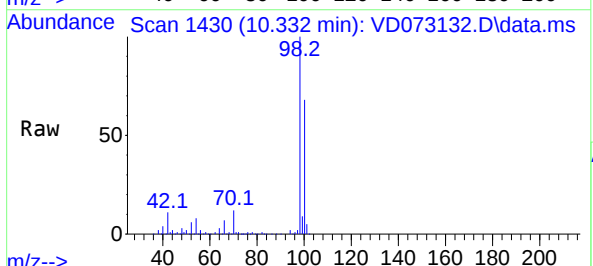
Manual Integrations
APPROVED

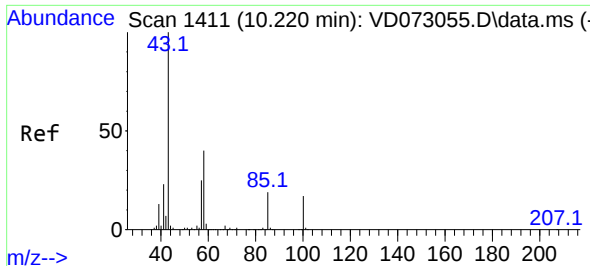
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 58.574 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

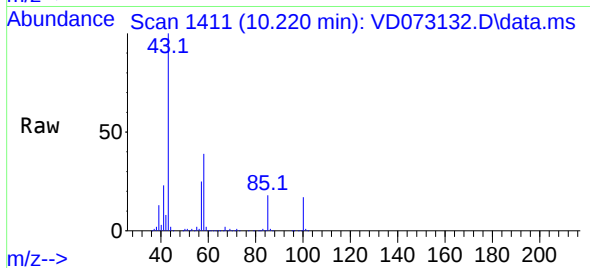
Tgt Ion: 98 Resp: 423978
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 391.389 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

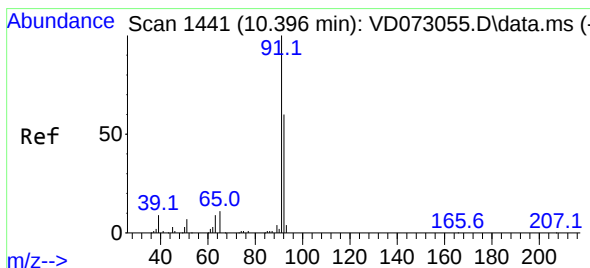
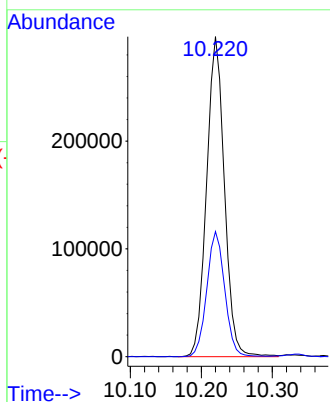
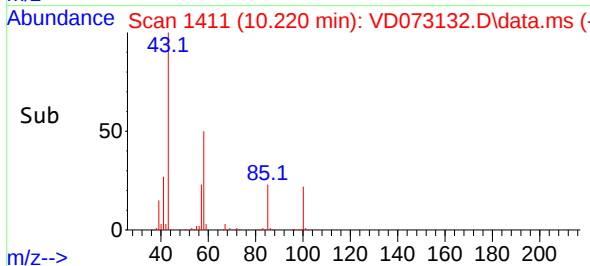
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



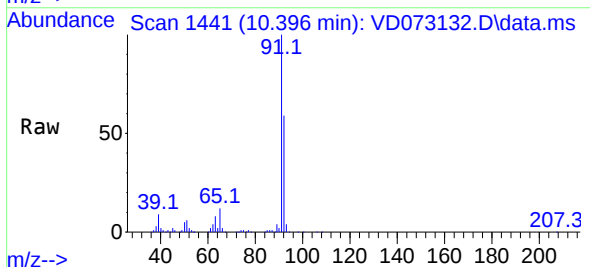
Tgt Ion: 43 Resp: 51848
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0

Manual Integrations
APPROVED

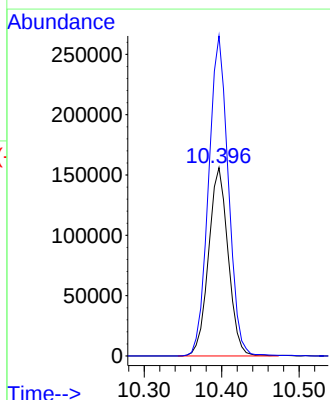
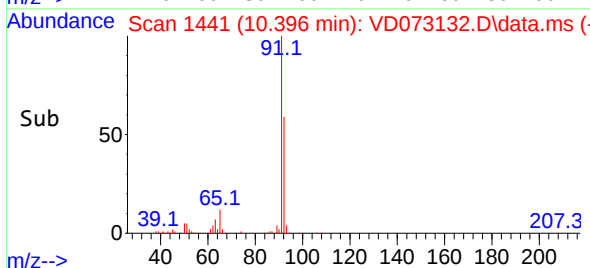
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

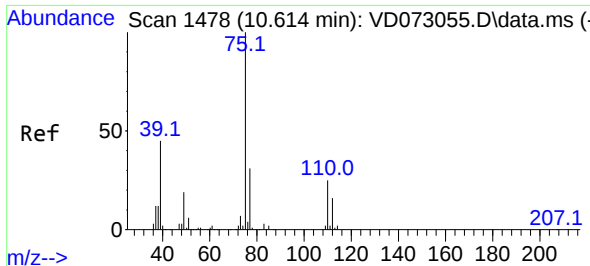


#52
Toluene
Concen: 46.437 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



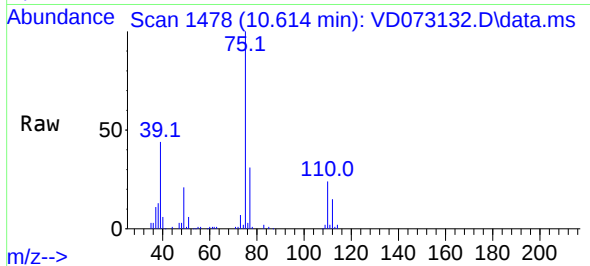
Tgt Ion: 92 Resp: 274062
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 56.190 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

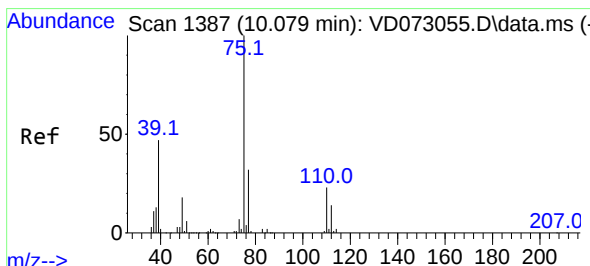
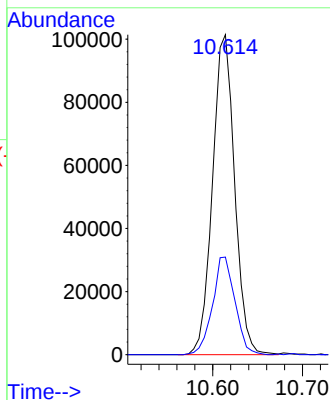
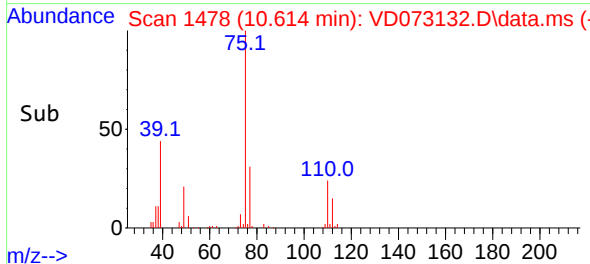
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



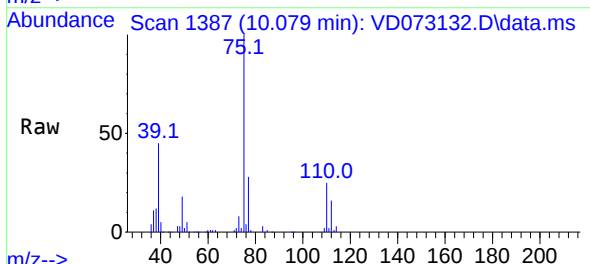
Tgt Ion: 75 Resp: 173749
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

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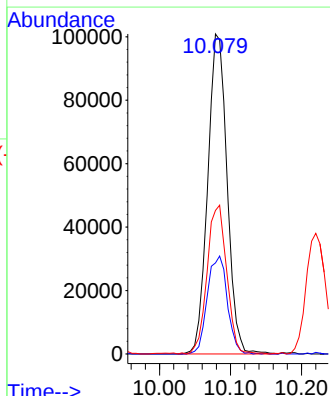
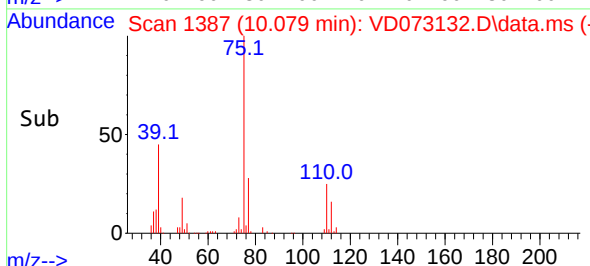
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

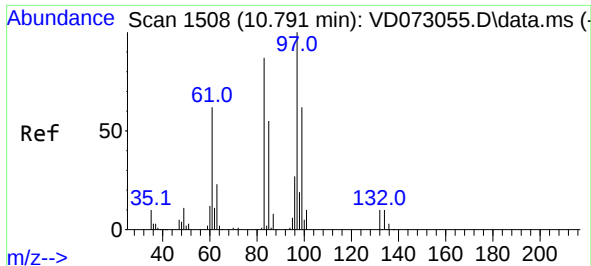


#54
cis-1,3-Dichloropropene
Concen: 52.453 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



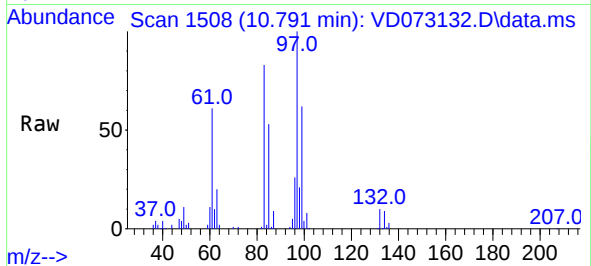
Tgt Ion: 75 Resp: 191225
Ion Ratio Lower Upper
75 100
77 28.4 24.8 37.2
39 44.9 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 62.886 ug/l
RT: 10.791 min Scan# 114578
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

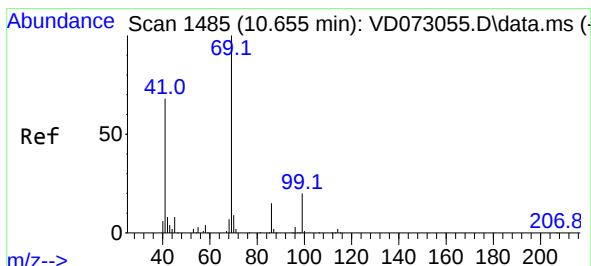
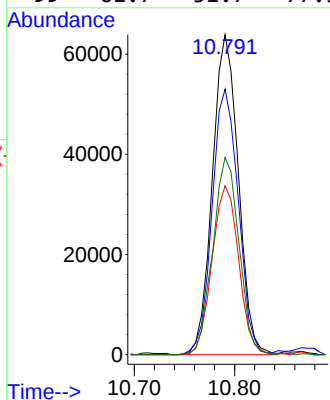
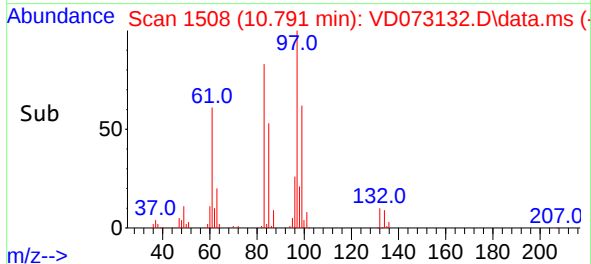
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



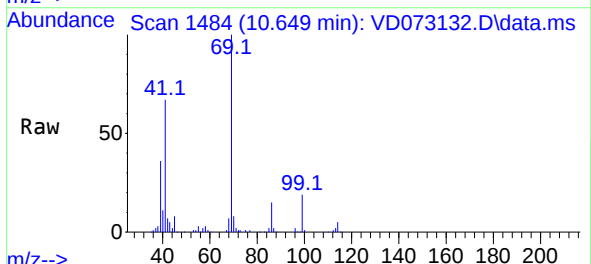
Tgt Ion: 97 Resp: 114578
Ion Ratio Lower Upper
97 100
83 83.0 69.0 103.4
85 52.8 42.6 63.8
99 61.7 51.7 77.5

Manual Integrations
APPROVED

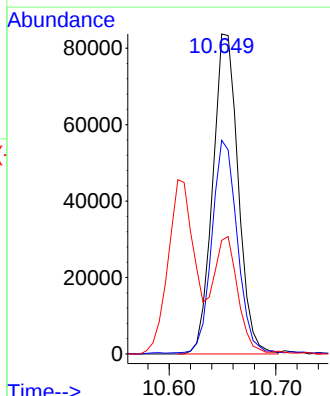
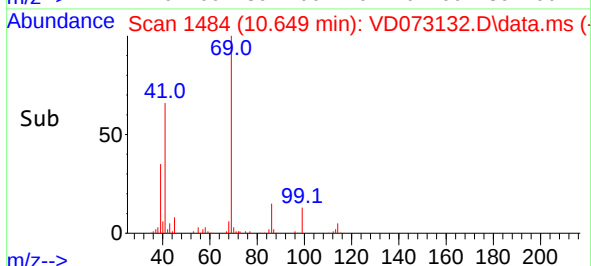
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

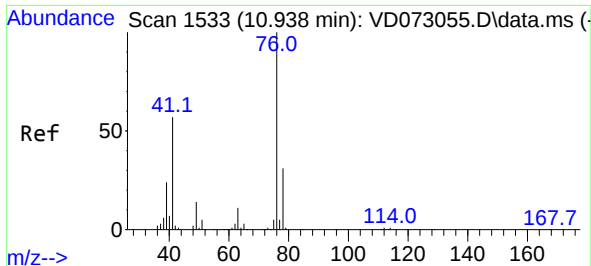


#56
Ethyl methacrylate
Concen: 67.374 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



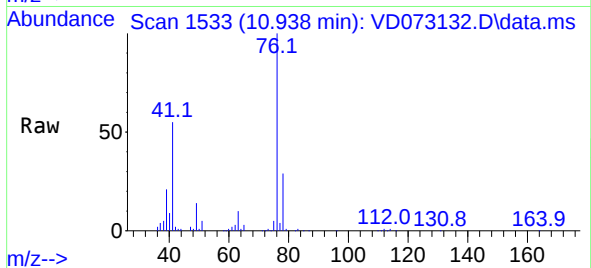
Tgt Ion: 69 Resp: 138829
Ion Ratio Lower Upper
69 100
41 66.1 63.0 94.6
39 34.9 33.8 50.8





#57
1,3-Dichloropropane
Concen: 62.088 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

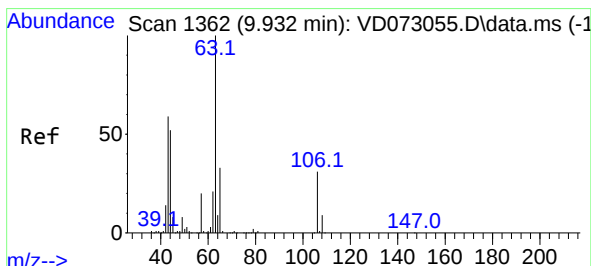
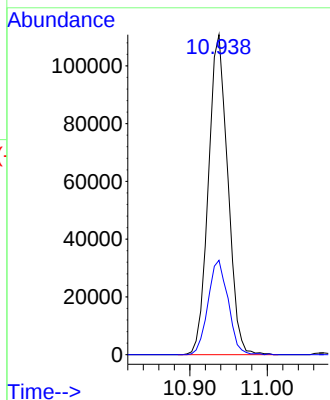
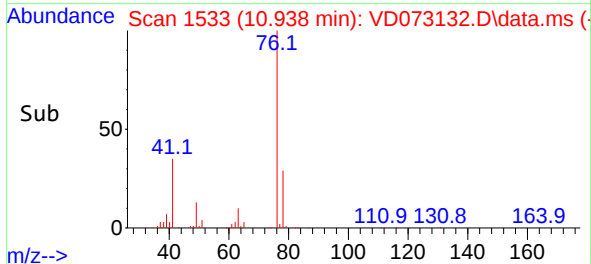
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



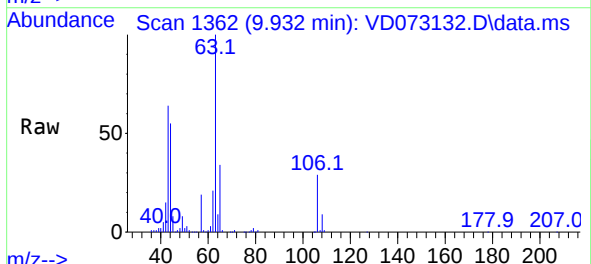
Tgt Ion: 76 Resp: 192480
Ion Ratio Lower Upper
76 100
78 30.7 26.0 39.0

Manual Integrations
APPROVED

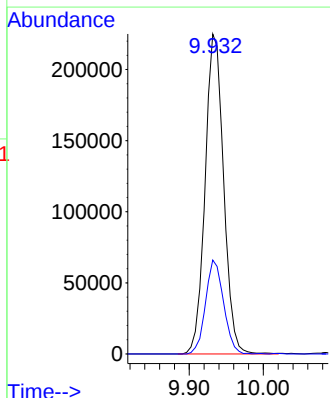
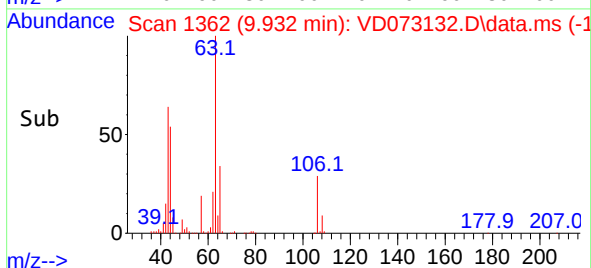
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

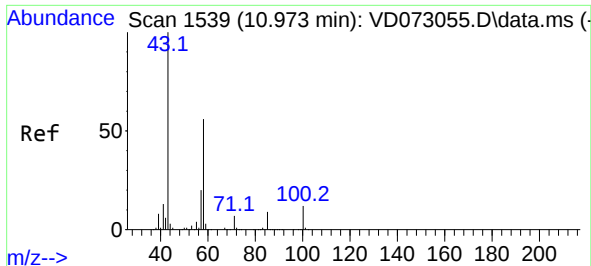


#58
2-Chloroethyl Vinyl ether
Concen: 346.079 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



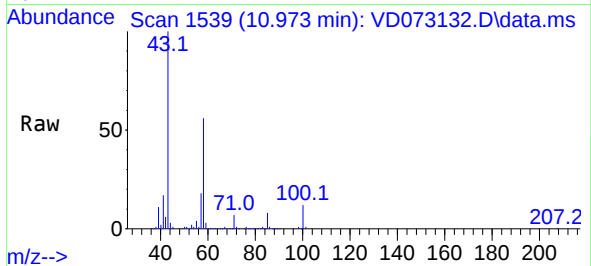
Tgt Ion: 63 Resp: 390378
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0





#59
2-Hexanone
Concen: 402.758 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

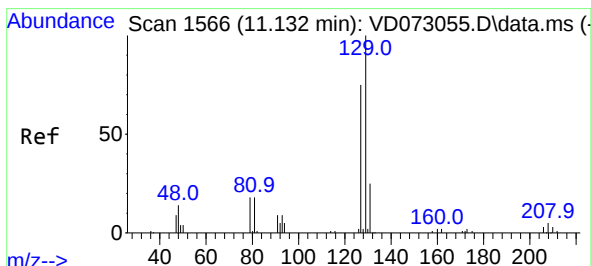
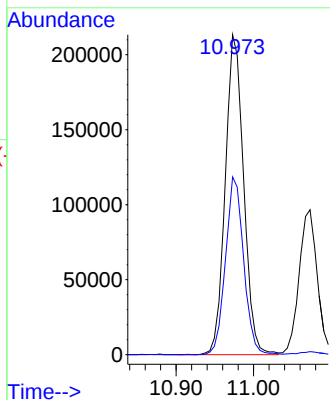
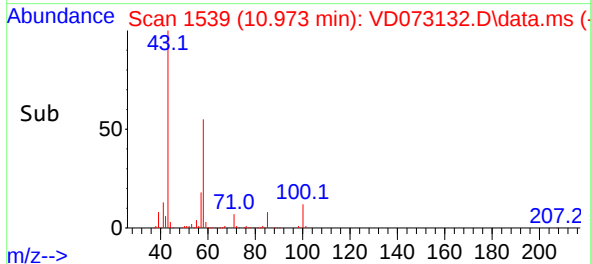
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 352450
Ion Ratio Lower Upper
43 100
58 54.8 25.3 75.9

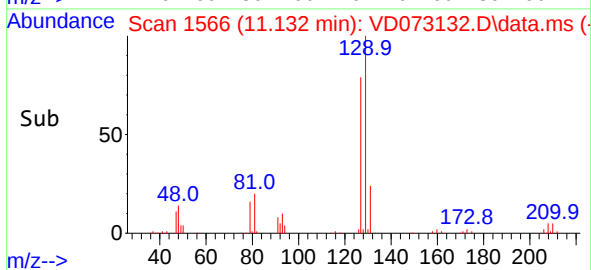
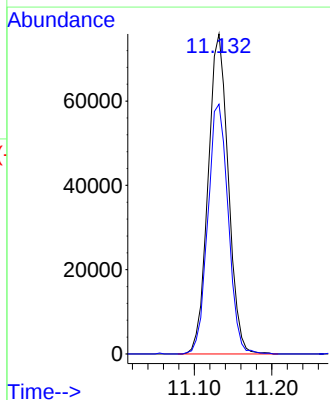
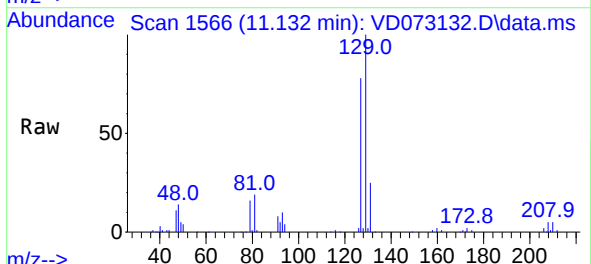
Manual Integrations
APPROVED

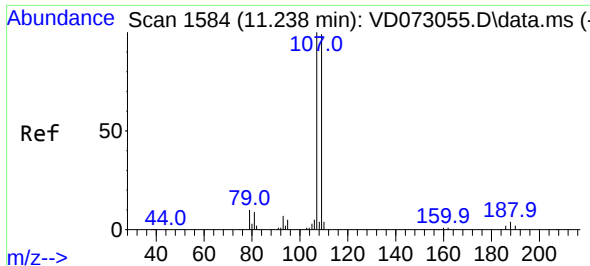
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 60.762 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

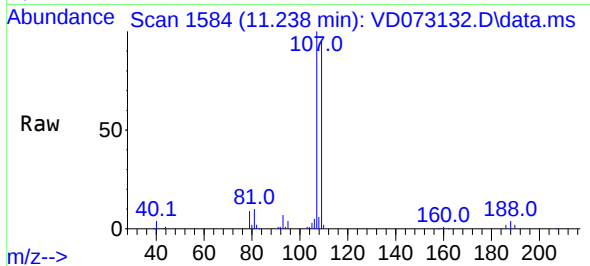
Tgt Ion:129 Resp: 137543
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 64.933 ug/l
RT: 11.238 min Scan# 11384
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

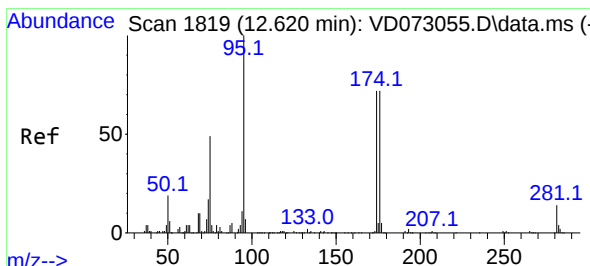
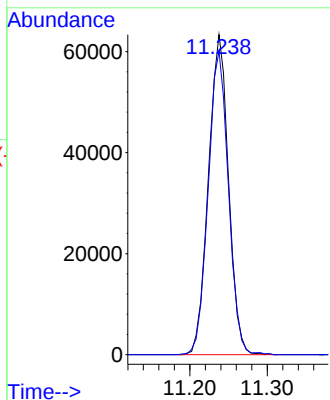
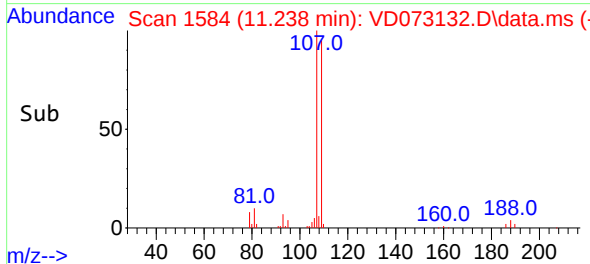
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



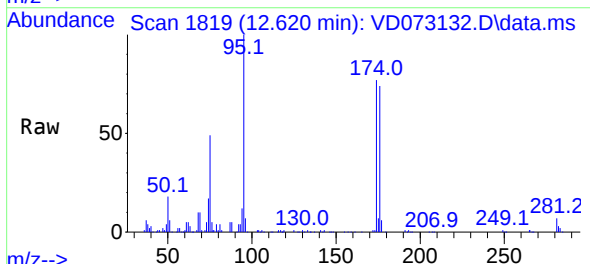
Tgt Ion:107 Resp: 11384
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4

Manual Integrations
APPROVED

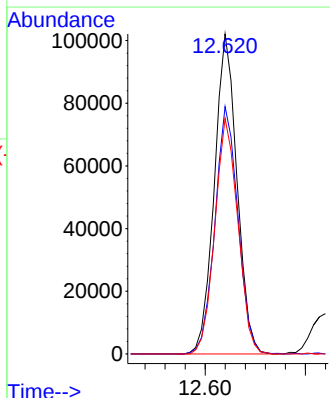
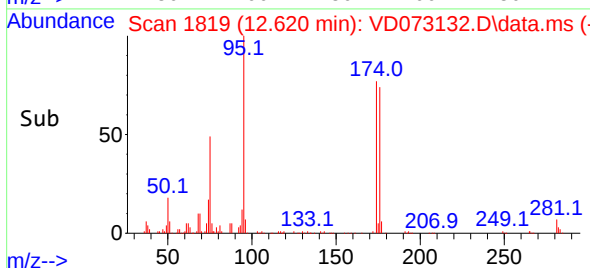
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

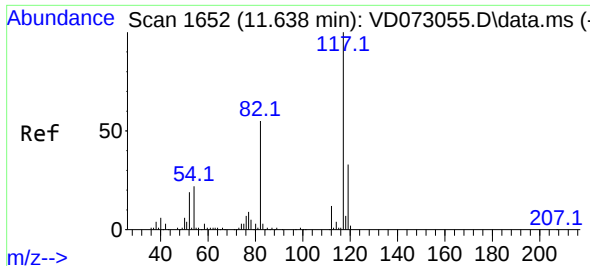


#62
4-Bromofluorobenzene
Concen: 60.918 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



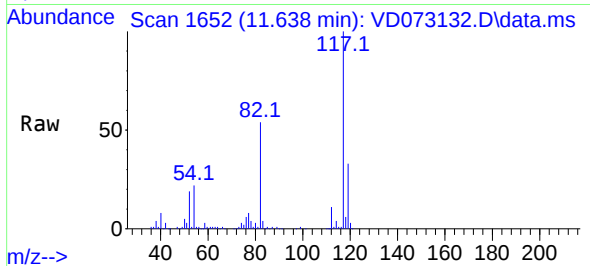
Tgt Ion: 95 Resp: 159708
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 74.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

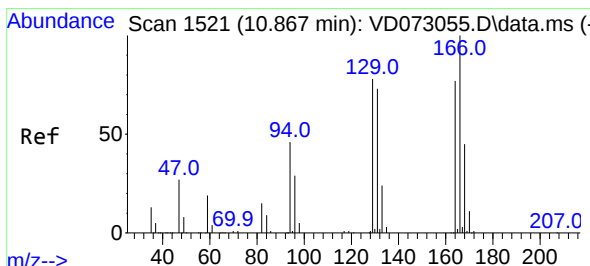
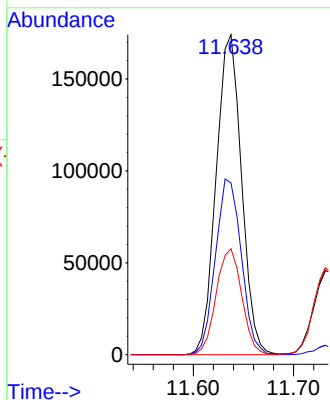
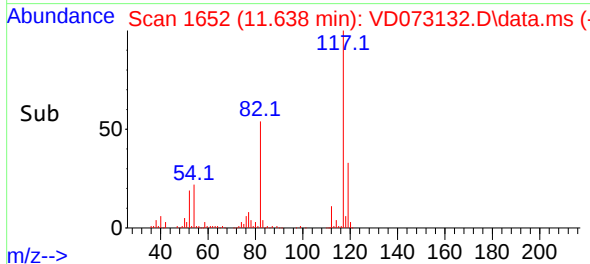
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



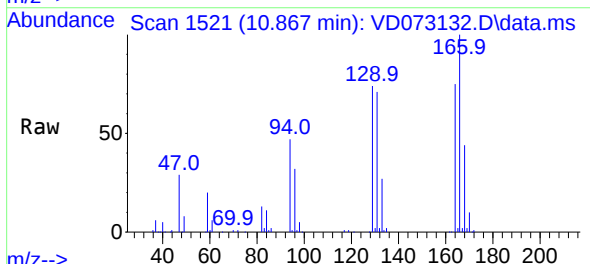
Tgt Ion:117 Resp: 306150
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 33.1 26.6 40.0

Manual Integrations
APPROVED

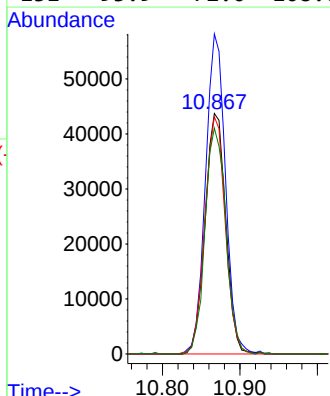
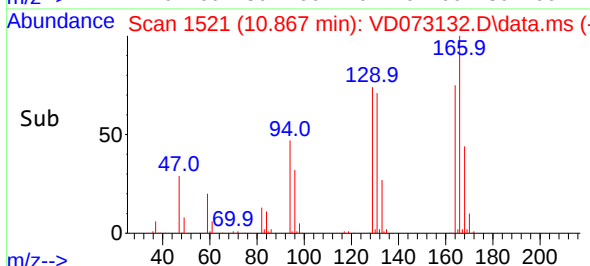
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

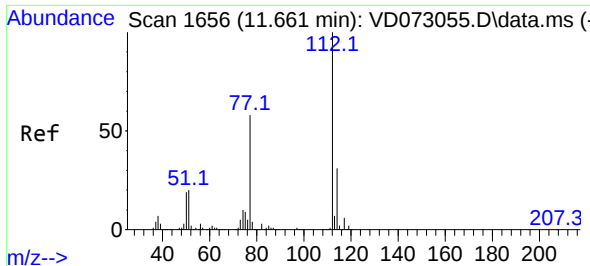


#64
Tetrachloroethene
Concen: 36.171 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



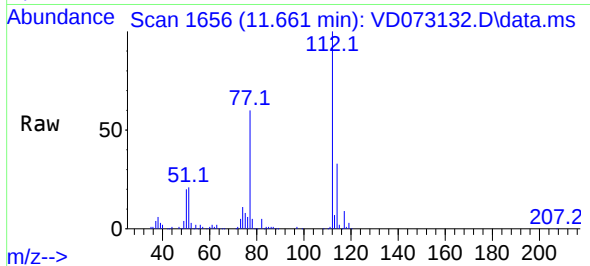
Tgt Ion:164 Resp: 81131
Ion Ratio Lower Upper
164 100
166 133.1 98.5 147.7
129 98.6 74.6 111.8
131 93.9 72.0 108.0





#65
Chlorobenzene
Concen: 43.260 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

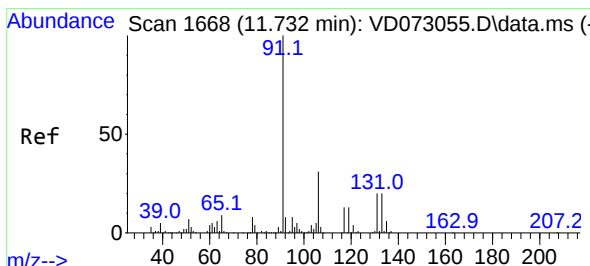
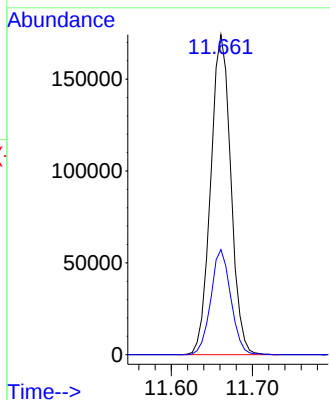
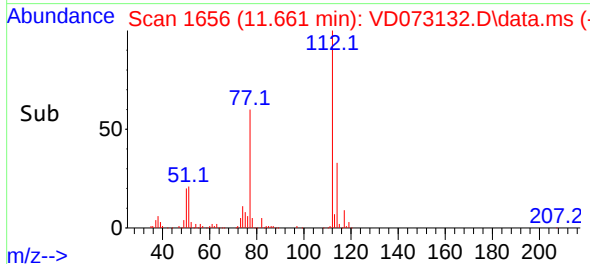
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



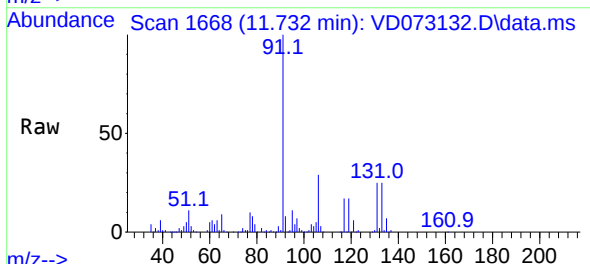
Tgt Ion:112 Resp: 300295
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

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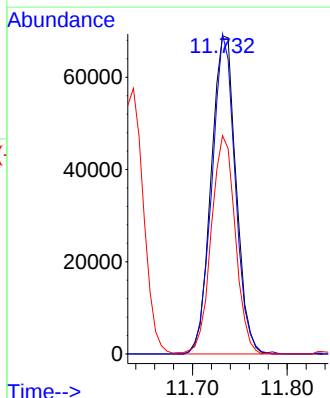
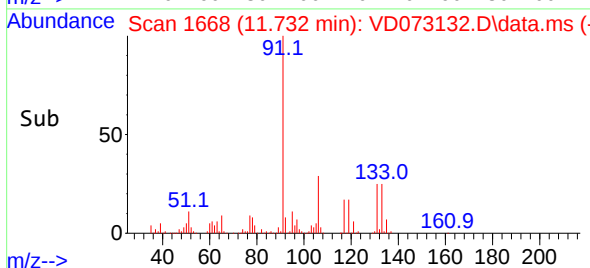
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

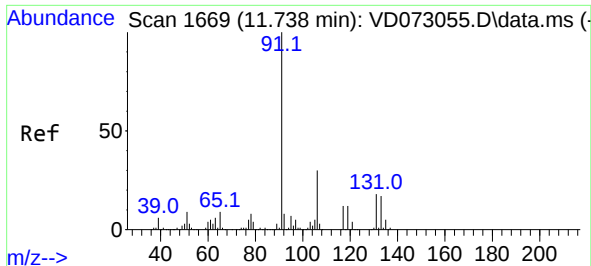


#66
1,1,1,2-Tetrachloroethane
Concen: 47.320 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



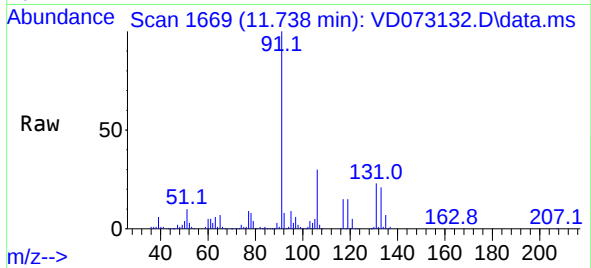
Tgt Ion:131 Resp: 125480
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 66.4 31.9 95.9





#67
Ethyl Benzene
Concen: 39.493 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

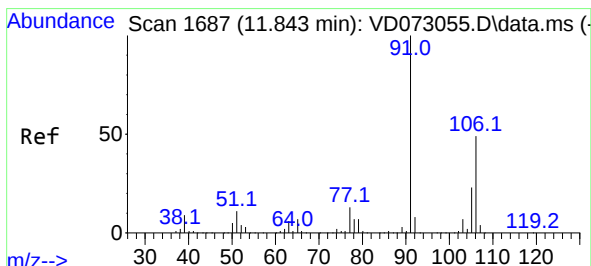
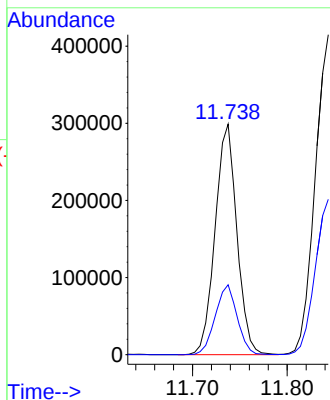
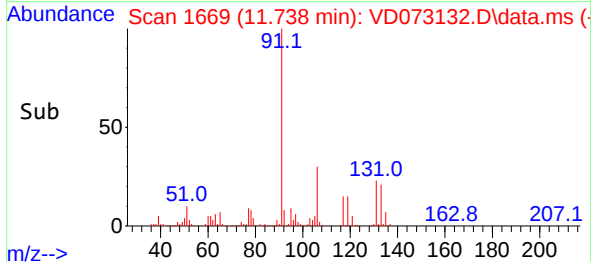
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



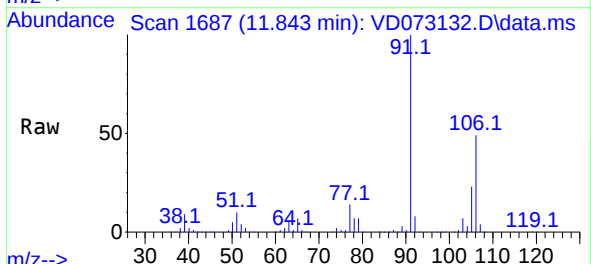
Tgt Ion: 91 Resp: 477336
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

Manual Integrations
APPROVED

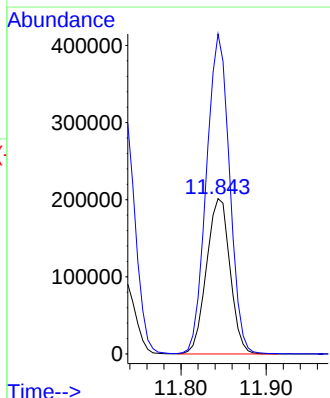
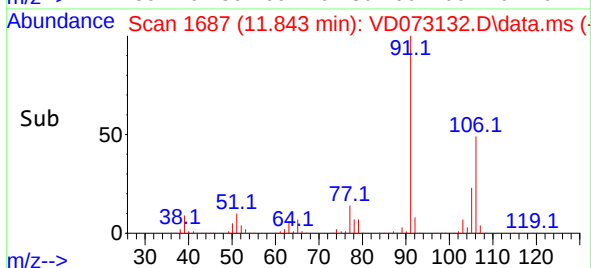
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

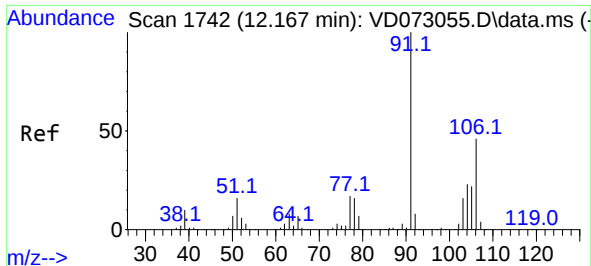


#68
m/p-Xylenes
Concen: 82.416 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion:106 Resp: 386069
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





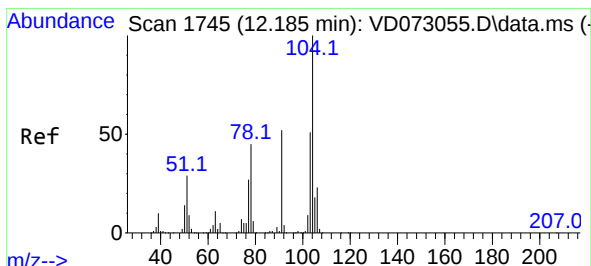
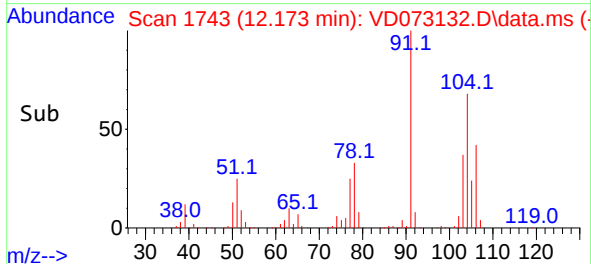
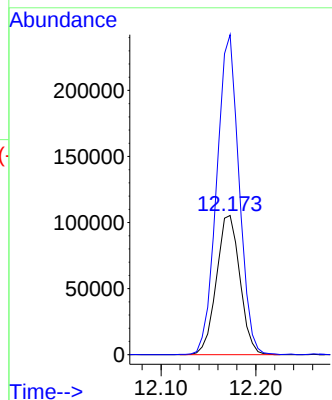
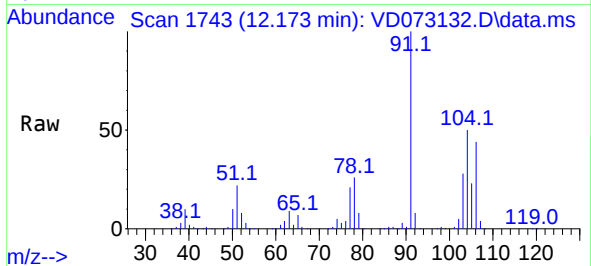
#69
o-Xylene
Concen: 42.003 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 181449
Ion Ratio Lower Upper
106 100
91 219.4 110.4 331.2

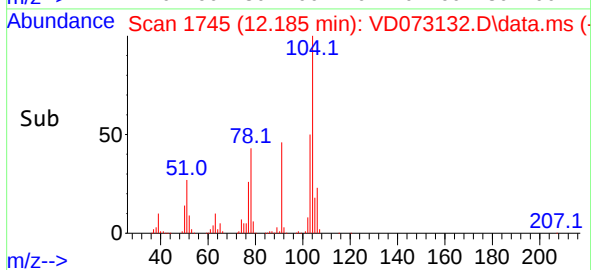
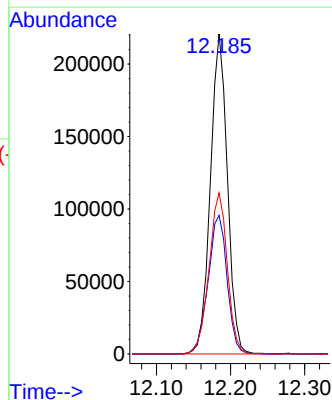
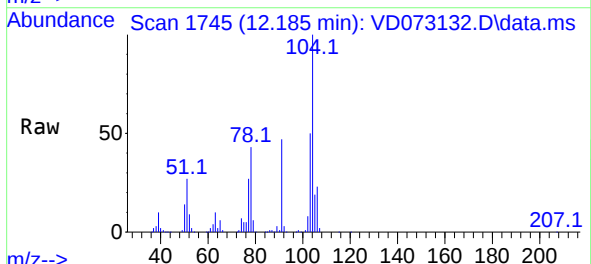
Manual Integrations
APPROVED

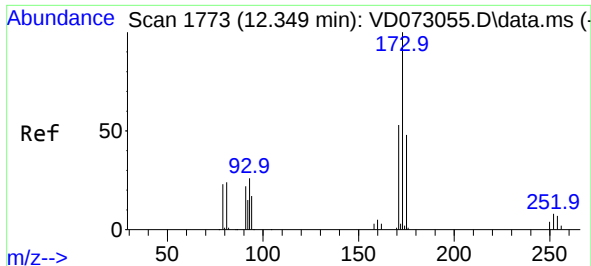
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 46.632 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

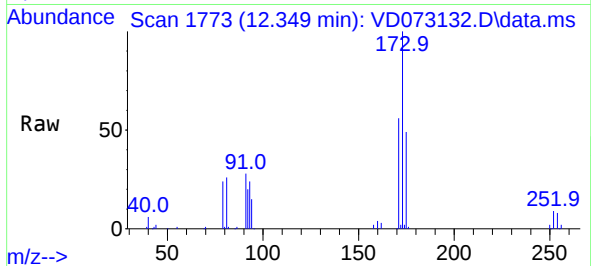
Tgt Ion:104 Resp: 351853
Ion Ratio Lower Upper
104 100
78 48.2 41.8 62.8
103 54.1 44.2 66.4





#71
Bromoform
Concen: 61.386 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

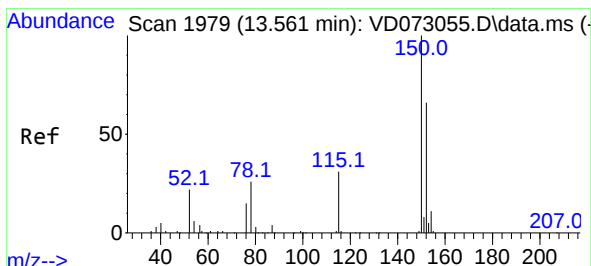
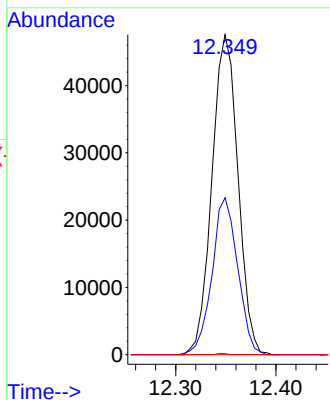
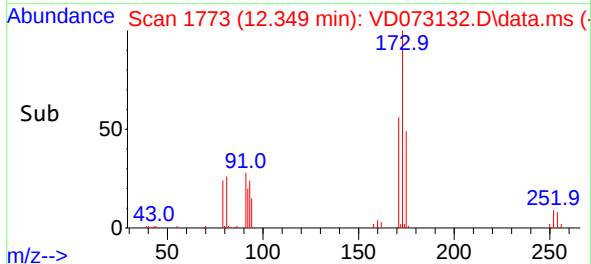
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



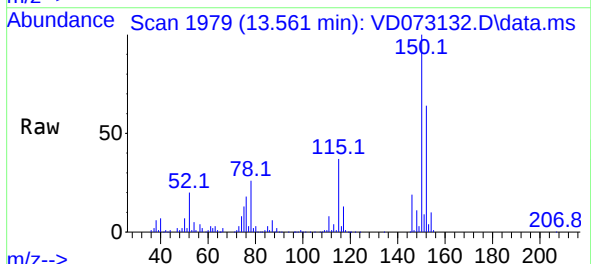
Tgt Ion:173 Resp: 8570
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

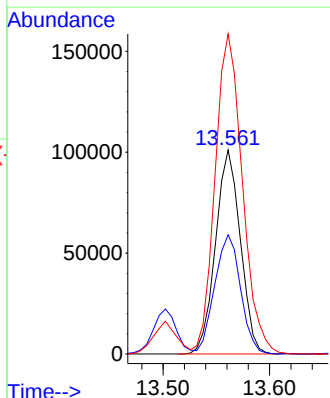
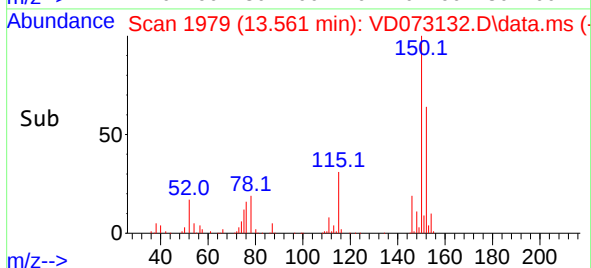
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

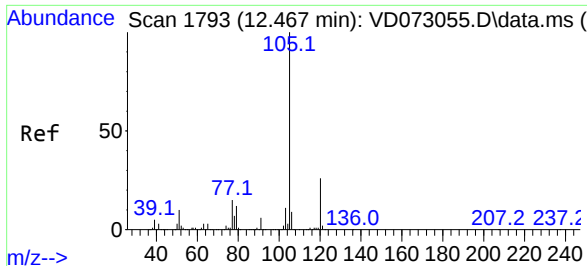


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion:152 Resp: 163665
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 172.6 0.0 348.6





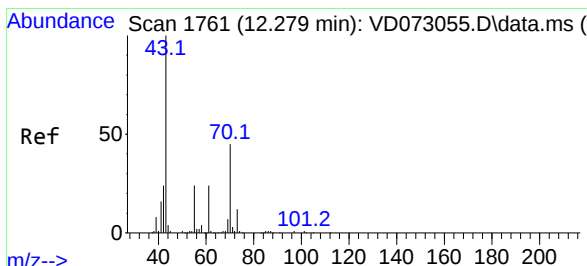
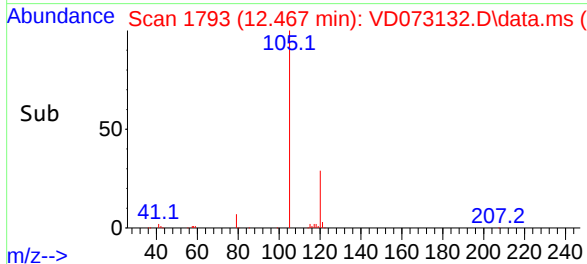
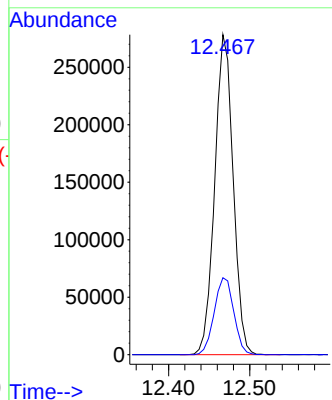
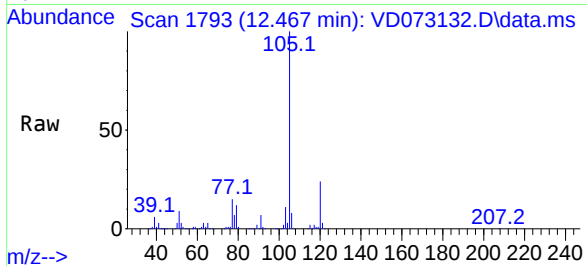
#73
Isopropylbenzene
Concen: 35.386 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 438985
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9

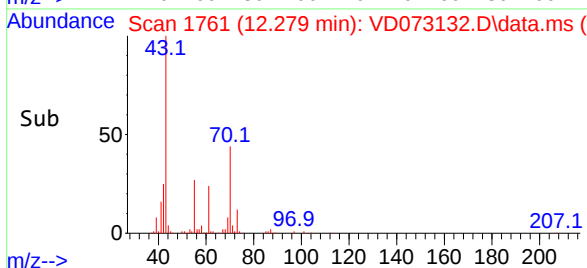
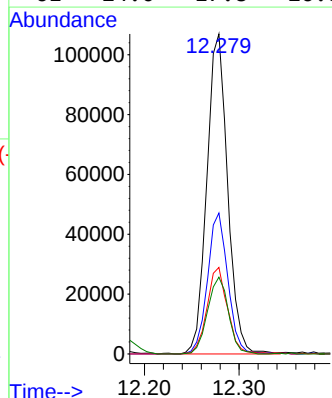
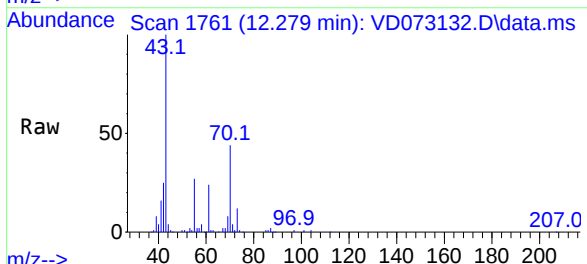
Manual Integrations
APPROVED

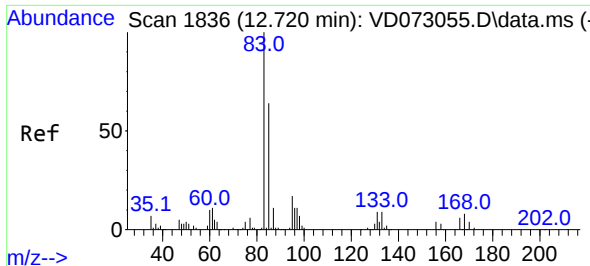
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 56.519 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

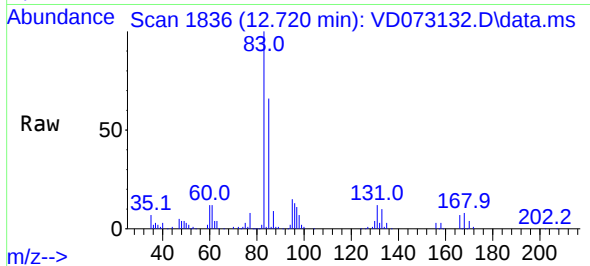
Tgt Ion: 43 Resp: 163859
Ion Ratio Lower Upper
43 100
70 43.1 31.3 46.9
55 26.8 20.0 30.0
61 24.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 57.382 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

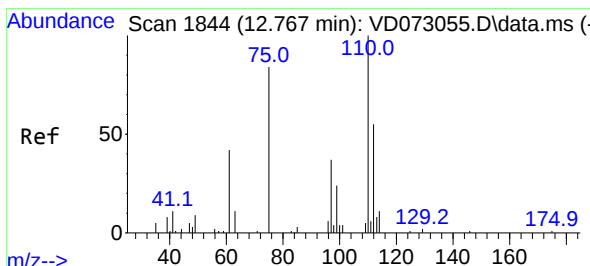
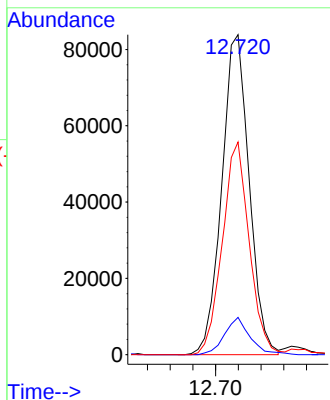
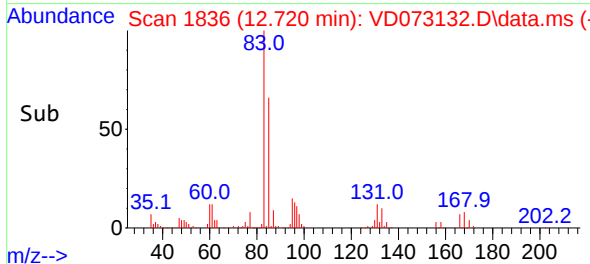
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



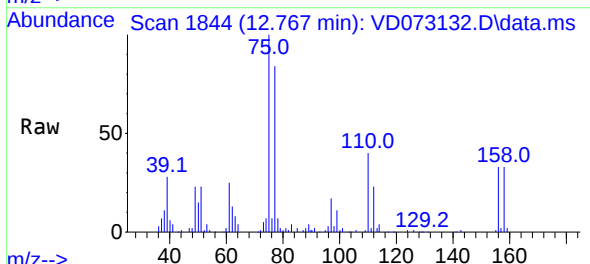
Tgt Ion: 83 Resp: 140340
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 65.2 32.6 98.0

Manual Integrations
APPROVED

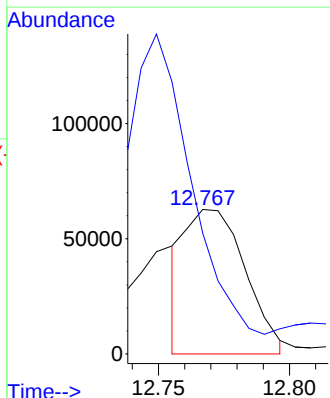
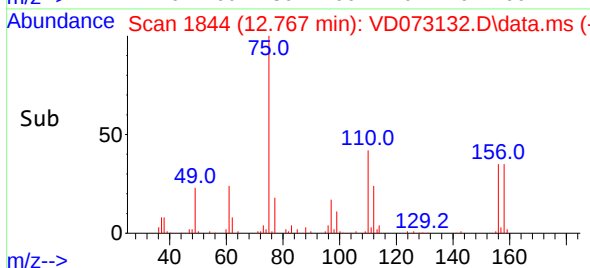
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

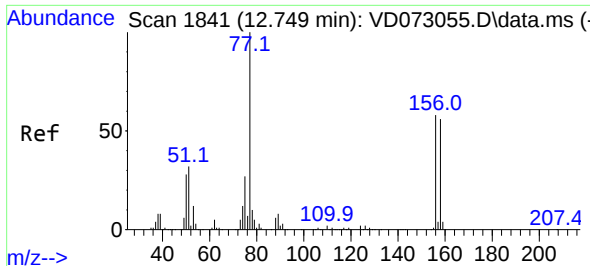


#76
1,2,3-Trichloropropane
Concen: 54.407 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



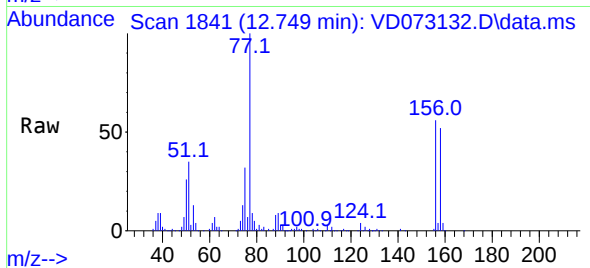
Tgt Ion: 75 Resp: 100659
Ion Ratio Lower Upper
75 100
77 261.2 0.0 0.0#





#77
Bromobenzene
Concen: 44.073 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

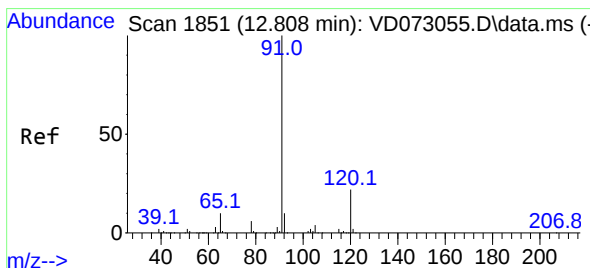
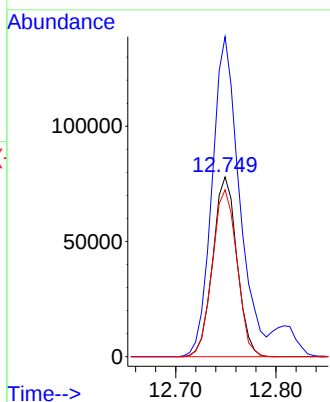
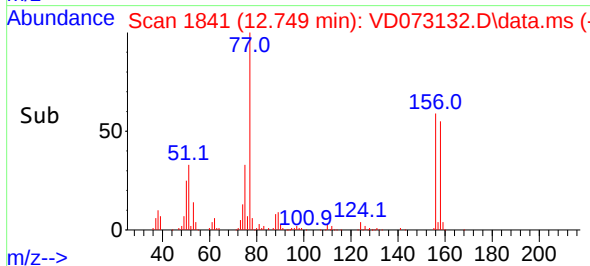
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



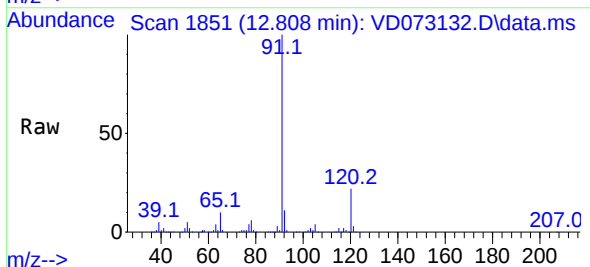
Tgt Ion:156 Resp: 130458
Ion Ratio Lower Upper
156 100
77 201.5 102.8 308.3
158 95.0 48.7 146.1

Manual Integrations
APPROVED

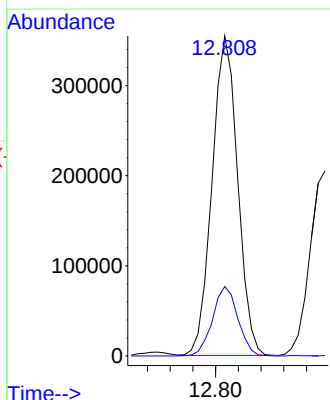
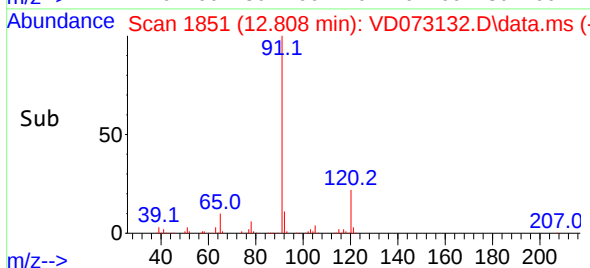
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

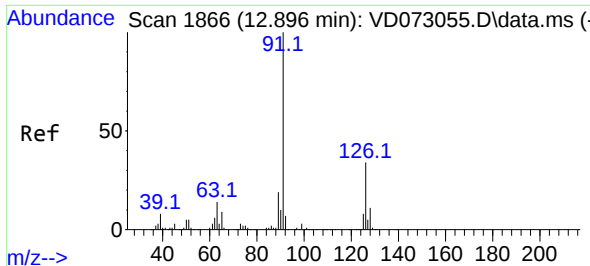


#78
n-propylbenzene
Concen: 35.608 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion: 91 Resp: 554736
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





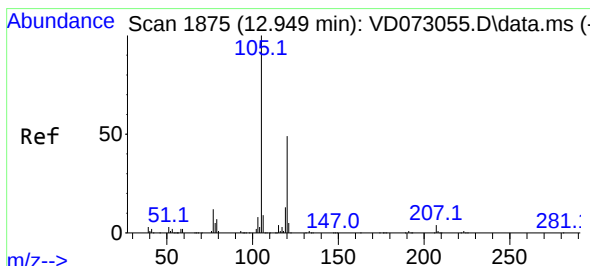
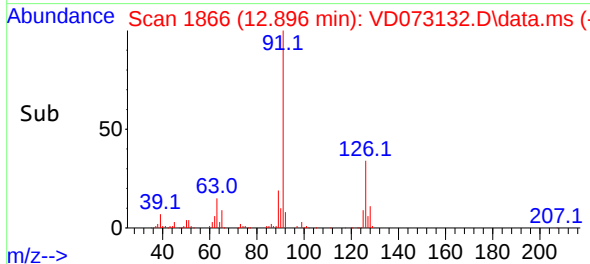
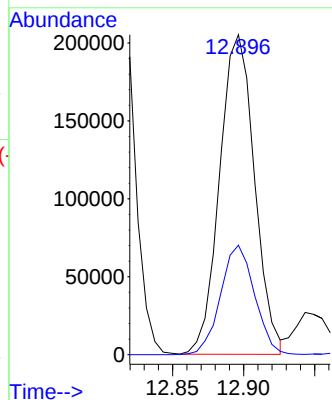
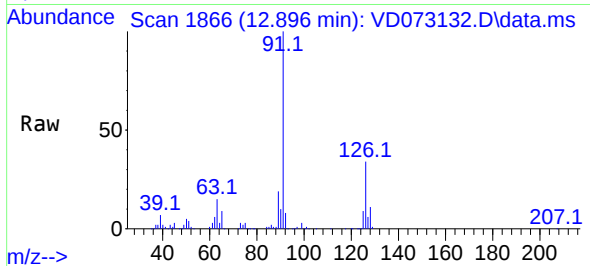
#79
2-Chlorotoluene
Concen: 38.647 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 350744
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

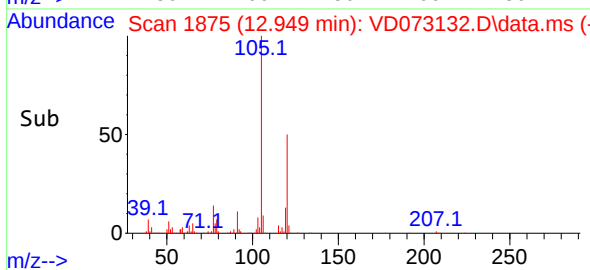
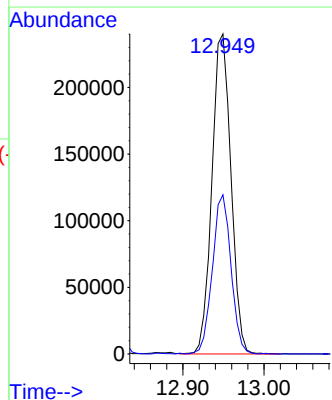
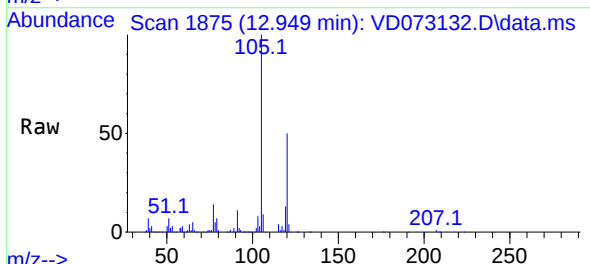
Manual Integrations
APPROVED

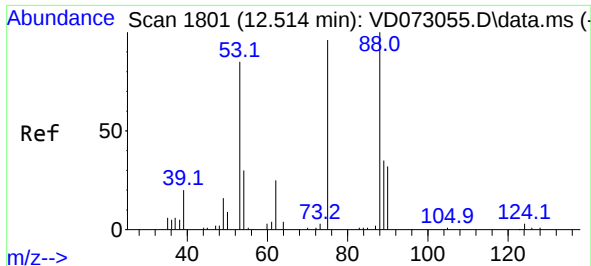
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 37.024 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

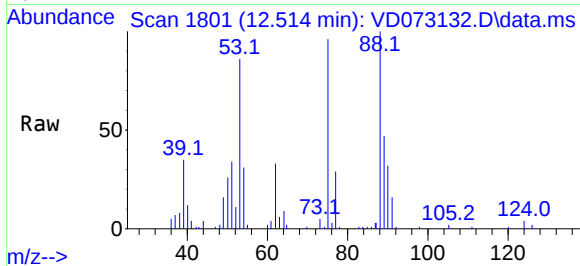
Tgt Ion:105 Resp: 391296
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.724 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

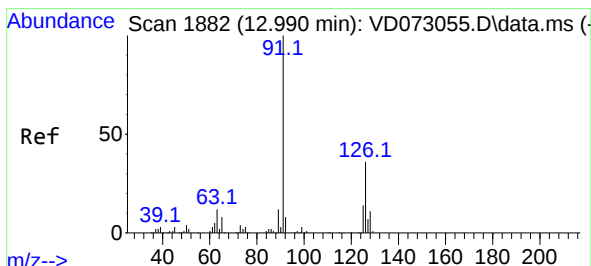
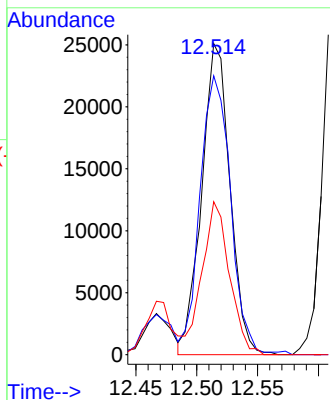
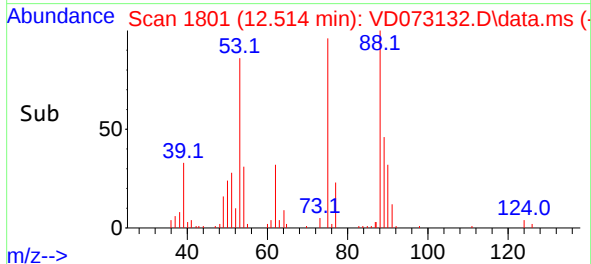
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



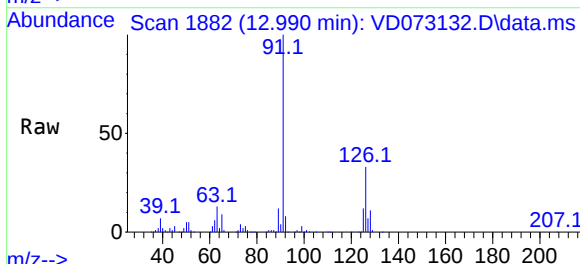
Tgt Ion: 75 Resp: 4068
Ion Ratio Lower Upper
75 100
53 97.0 86.5 129.7
89 47.1 33.9 50.9

Manual Integrations
APPROVED

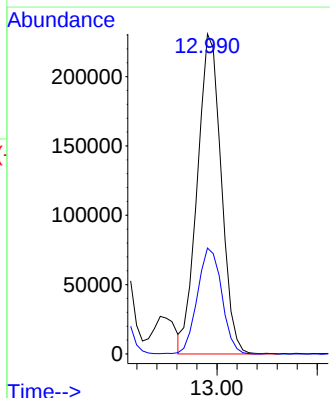
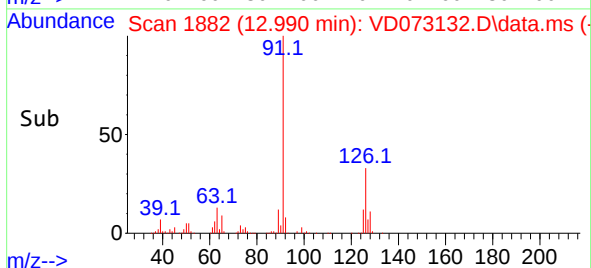
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

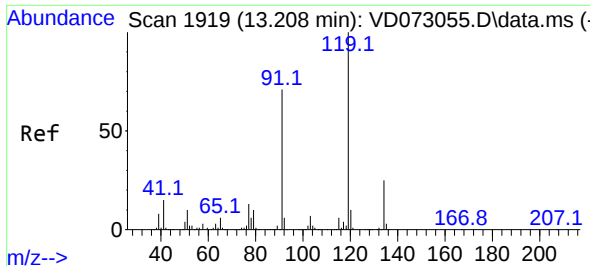


#82
4-Chlorotoluene
Concen: 39.761 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



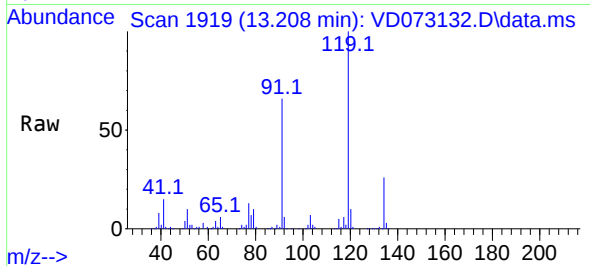
Tgt Ion: 91 Resp: 381913
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 33.349 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

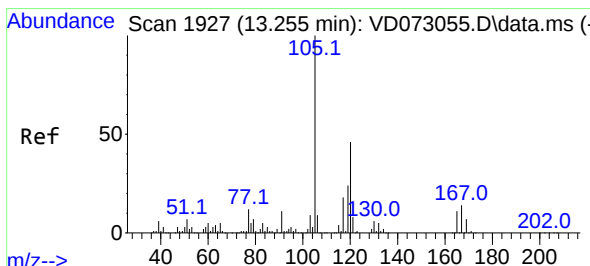
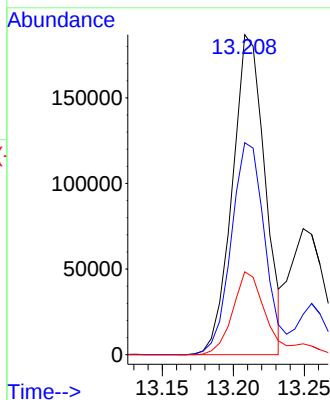
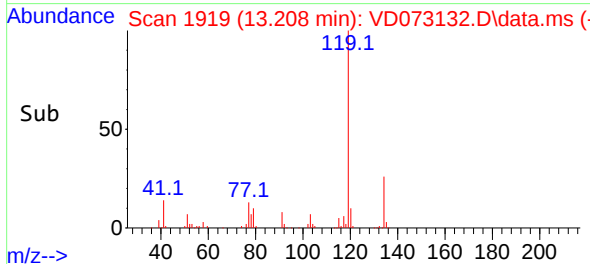
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



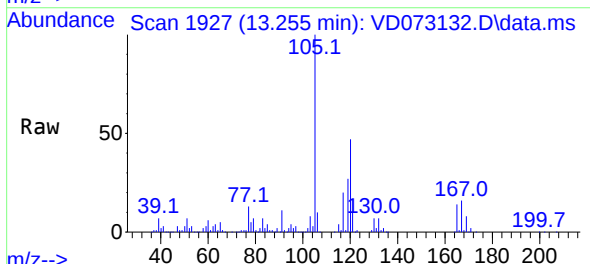
Tgt Ion:119 Resp: 298538
Ion Ratio Lower Upper
119 100
91 68.4 34.8 104.5
134 27.9 13.3 39.9

Manual Integrations
APPROVED

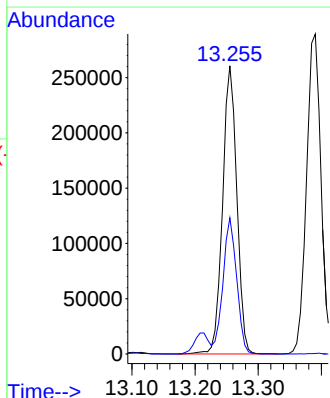
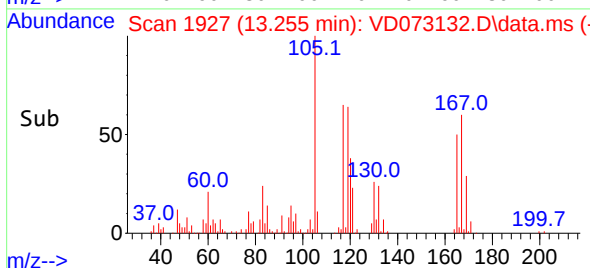
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

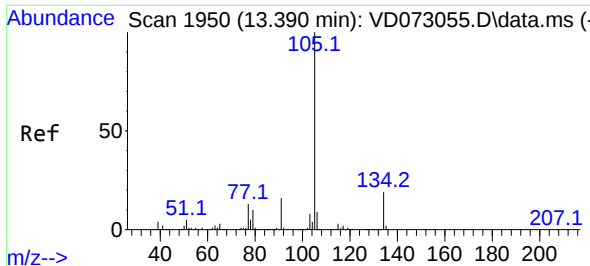


#84
1,2,4-Trimethylbenzene
Concen: 38.799 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion:105 Resp: 407959
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 33.833 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073132.D
 Acq: 19 May 2022 08:31

Instrument :

MSVOA_D

ClientSampleId :

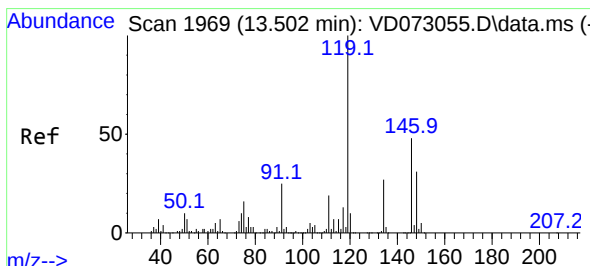
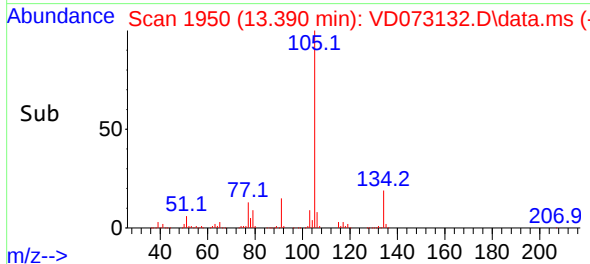
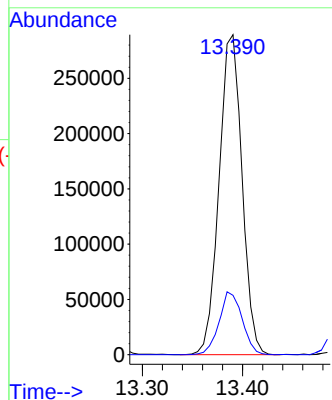
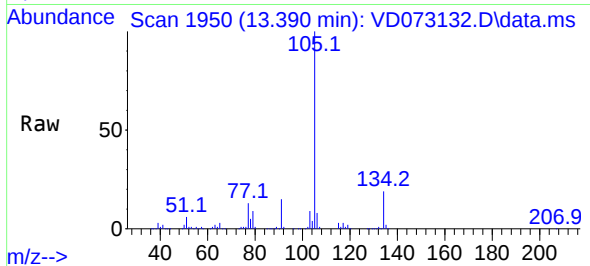
VSTDCCC050EC

Tgt Ion:105 Resp: 459732
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations

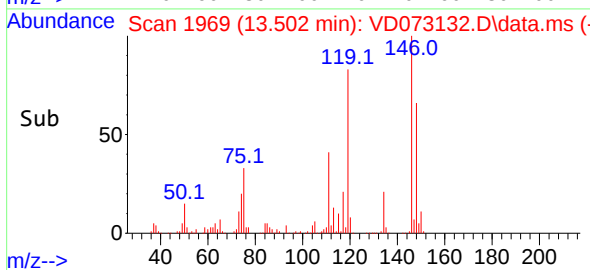
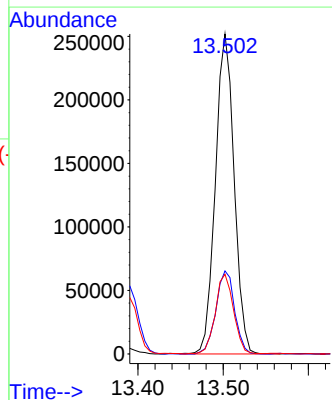
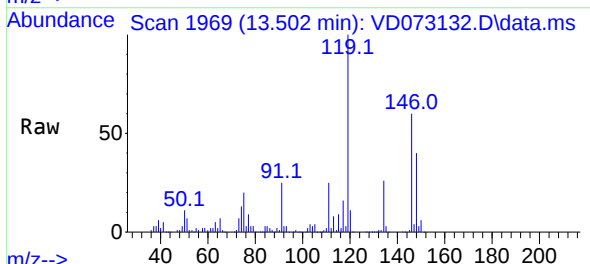
APPROVED

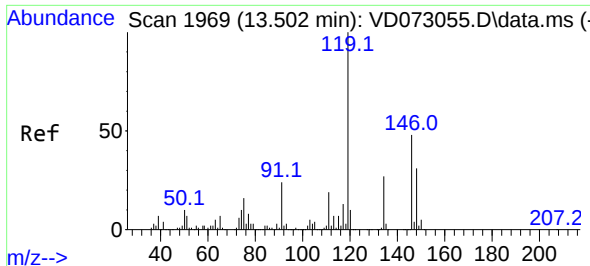
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#86
 p-Isopropyltoluene
 Concen: 34.873 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073132.D
 Acq: 19 May 2022 08:31

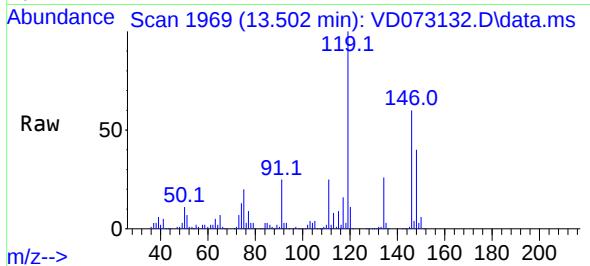
Tgt Ion:119 Resp: 385442
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 40.513 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

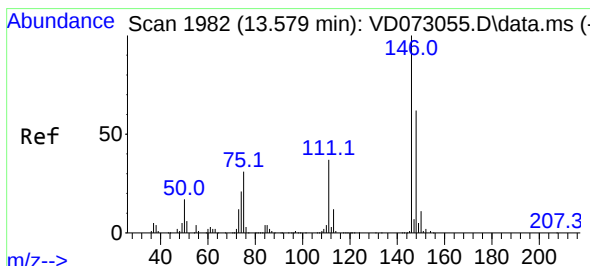
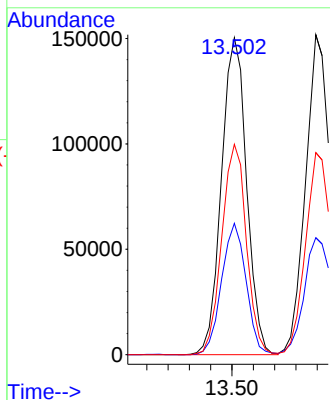
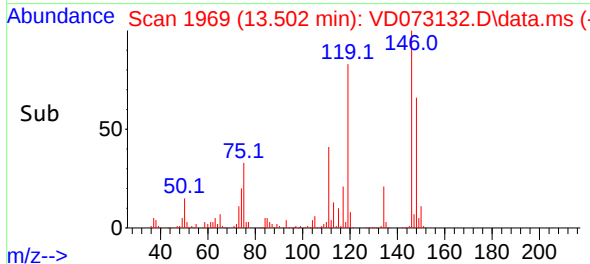
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



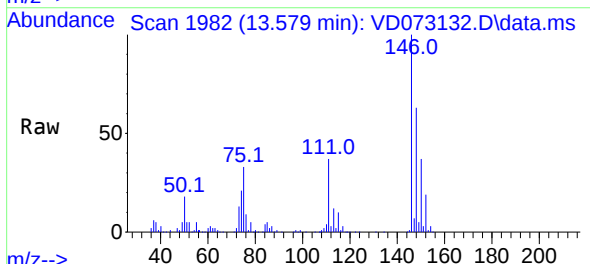
Tgt Ion:146 Resp: 246470
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 65.0 31.9 95.7

Manual Integrations
APPROVED

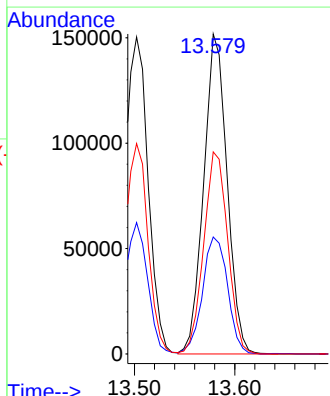
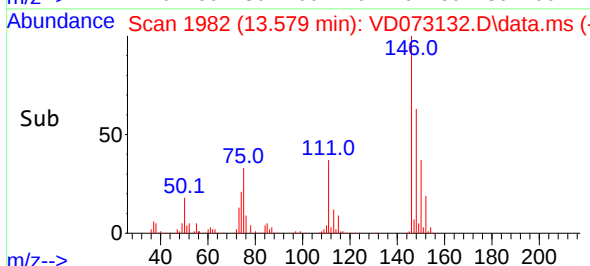
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

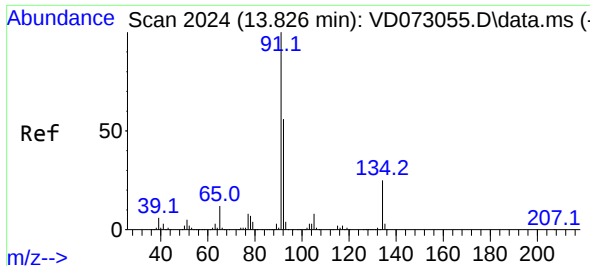


#88
1,4-Dichlorobenzene
Concen: 41.009 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion:146 Resp: 246544
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 64.8 31.7 95.1





#89
n-Butylbenzene
Concen: 32.863 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

Instrument :

MSVOA_D

ClientSampleId :

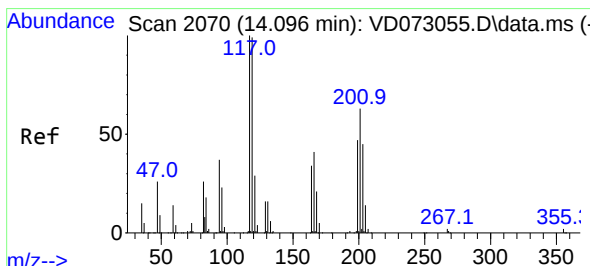
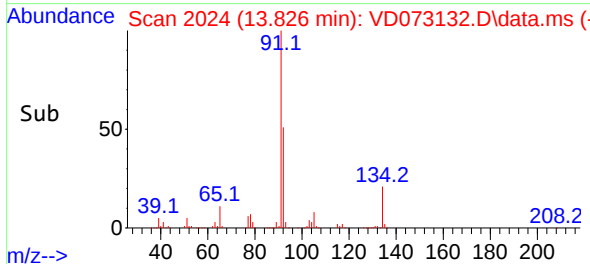
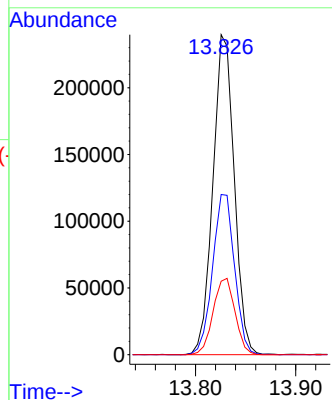
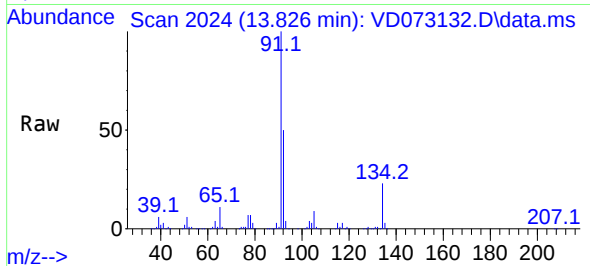
VSTDCCC050EC

Tgt Ion: 91 Resp: 35324
Ion Ratio Lower Upper
91 100
92 51.8 26.6 79.8
134 24.5 12.3 36.9

Manual Integrations

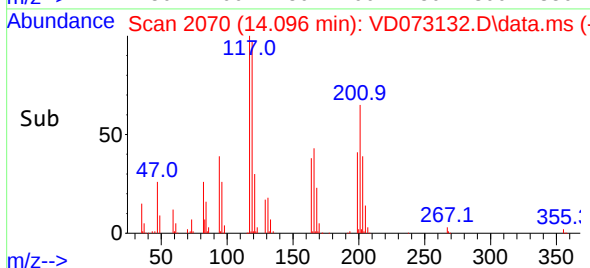
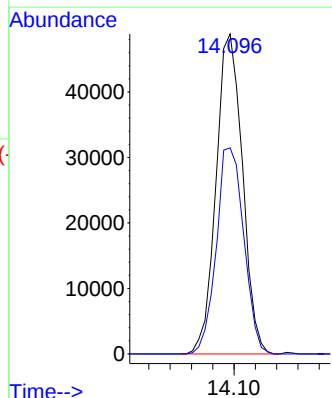
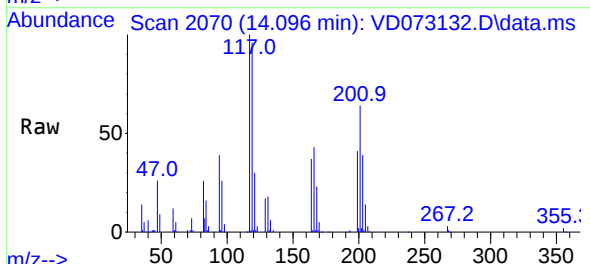
APPROVED

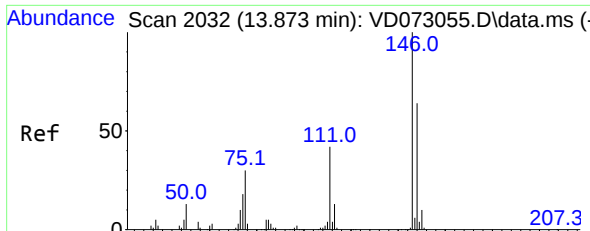
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 36.585 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

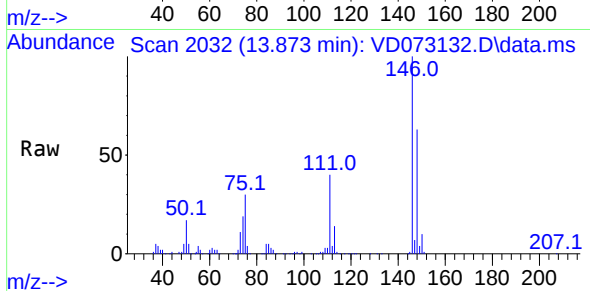
Tgt Ion:117 Resp: 84022
Ion Ratio Lower Upper
117 100
201 67.0 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 44.798 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

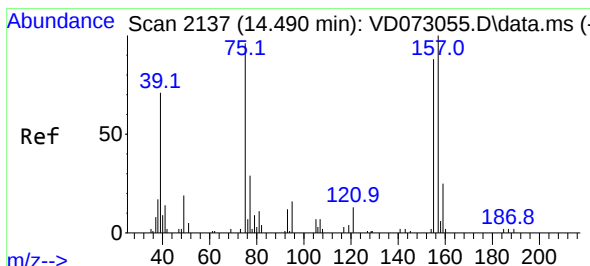
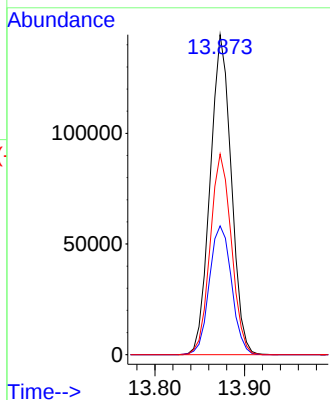
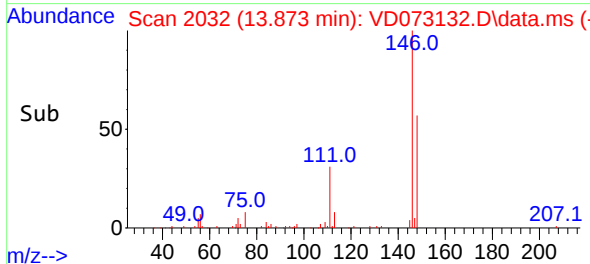
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



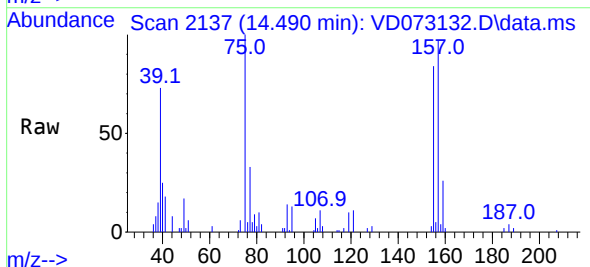
Tgt Ion:146 Resp: 23638
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.1 31.7 95.1

Manual Integrations
APPROVED

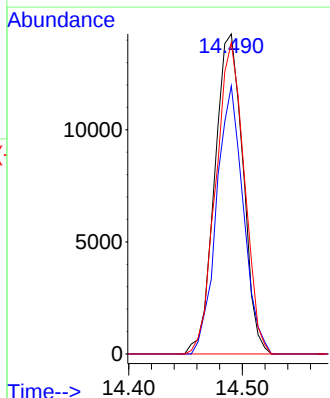
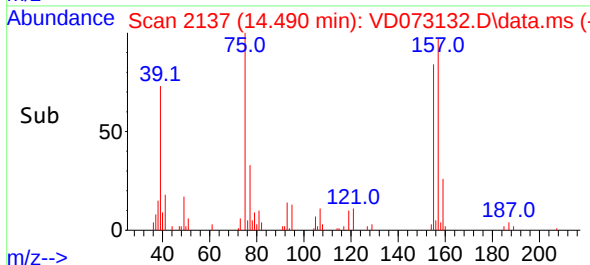
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

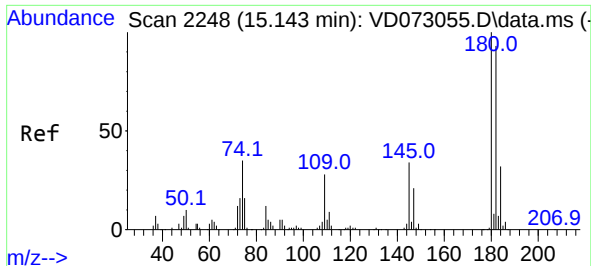


#92
1,2-Dibromo-3-Chloropropane
Concen: 64.774 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



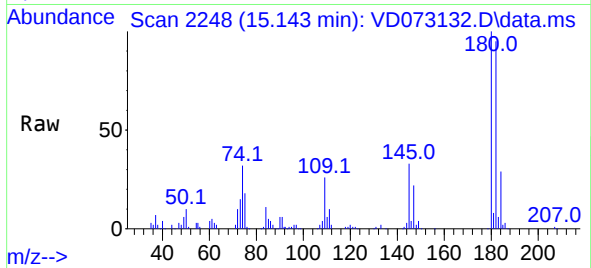
Tgt Ion: 75 Resp: 24624
Ion Ratio Lower Upper
75 100
155 79.7 36.8 110.3
157 98.2 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 41.079 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

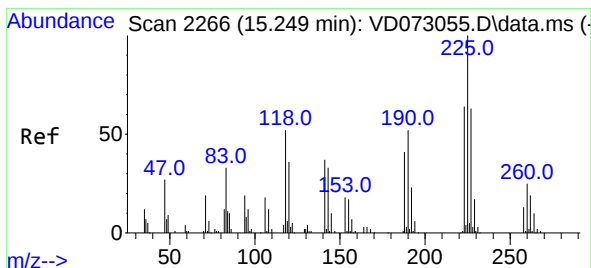
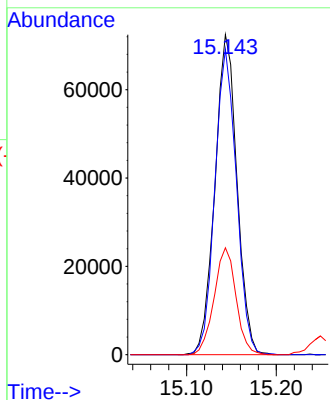
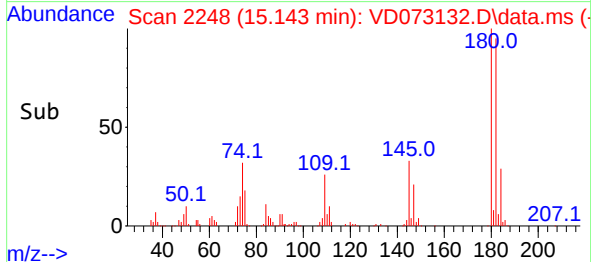
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



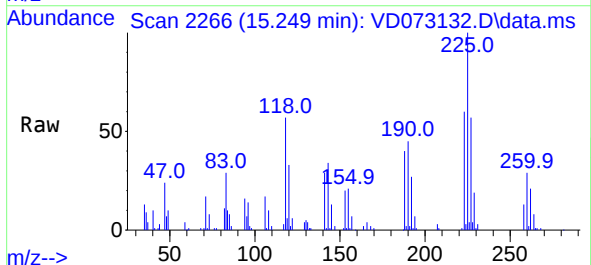
Tgt Ion:180 Resp: 123670
Ion Ratio Lower Upper
180 100
182 93.3 47.3 142.0
145 33.2 16.2 48.5

Manual Integrations
APPROVED

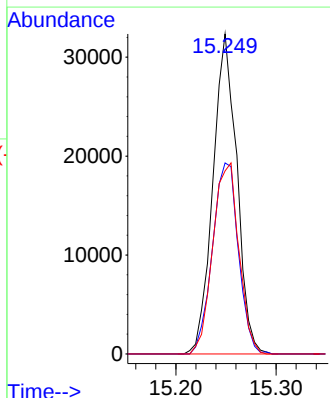
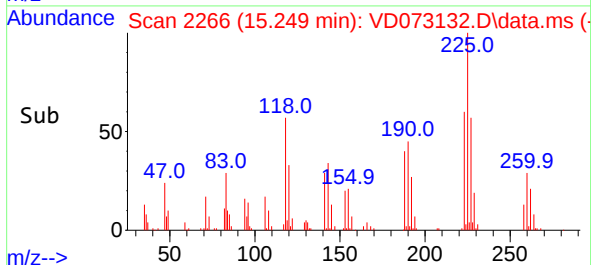
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

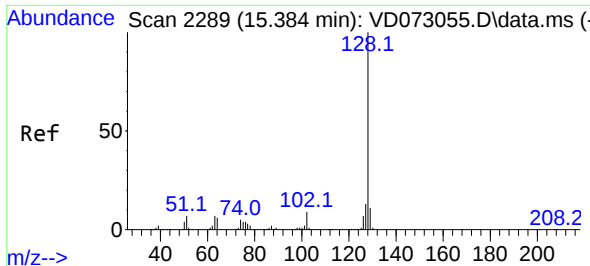


#94
Hexachlorobutadiene
Concen: 31.875 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



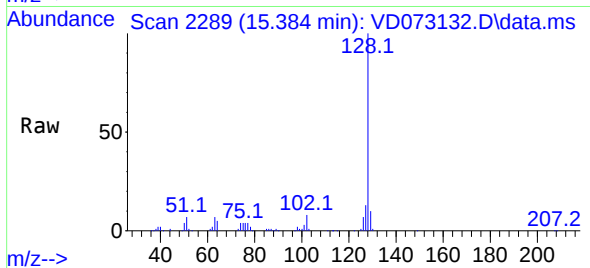
Tgt Ion:225 Resp: 53566
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 64.9 32.4 97.0





#95
Naphthalene
Concen: 47.946 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31

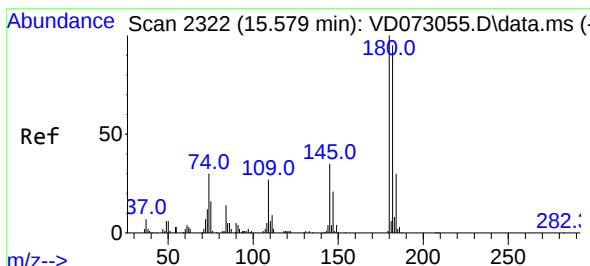
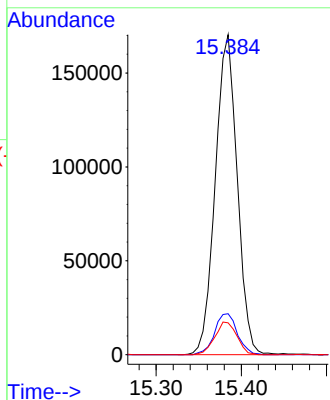
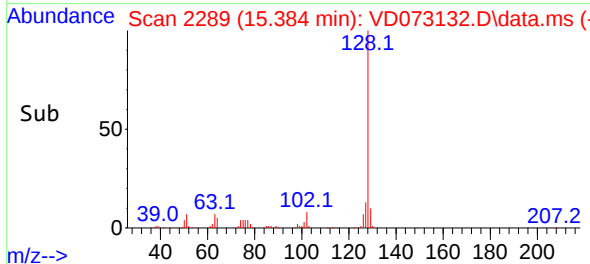
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



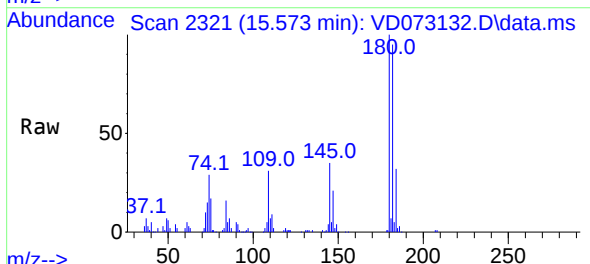
Tgt Ion:128 Resp: 30450
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.3 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.000 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073132.D
Acq: 19 May 2022 08:31



Tgt Ion:180 Resp: 120283
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 33.7 17.1 51.3

