

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073938.D
 Acq On : 03 Aug 2022 11:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 02:49:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	173421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	287059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	268235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	143721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75121	52.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.903	113	80781	45.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.580%	
50) Toluene-d8	10.326	98	261178	43.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.940%	
62) 4-Bromofluorobenzene	12.614	95	104822	47.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74930	49.388	ug/l	98
3) Chloromethane	2.209	50	109787	49.823	ug/l	95
4) Vinyl Chloride	2.344	62	154675	56.919	ug/l	99
5) Bromomethane	2.756	94	101374	52.826	ug/l	100
6) Chloroethane	2.915	64	102665	53.718	ug/l	98
7) Trichlorofluoromethane	3.262	101	139589	47.917	ug/l	98
8) Diethyl Ether	3.703	74	35047	47.801	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	80917	46.858	ug/l	99
10) Methyl Iodide	4.291	142	85090	45.062	ug/l	98
11) Tert butyl alcohol	5.220	59	27056	269.281	ug/l	97
12) 1,1-Dichloroethene	4.062	96	72084	47.112	ug/l	97
13) Acrolein	3.920	56	26658	250.121	ug/l	98
14) Allyl chloride	4.709	41	96139	46.472	ug/l	99
15) Acrylonitrile	5.415	53	73998	235.752	ug/l	97
16) Acetone	4.156	43	91846	286.468	ug/l	97
17) Carbon Disulfide	4.403	76	225217	47.874	ug/l	100
18) Methyl Acetate	4.709	43	36453	48.231	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	179511	48.459	ug/l	94
20) Methylene Chloride	4.950	84	93369	41.942	ug/l	94
21) trans-1,2-Dichloroethene	5.456	96	88709	48.648	ug/l	96
22) Diisopropyl ether	6.356	45	214302	47.711	ug/l	98
23) Vinyl Acetate	6.297	43	509885	214.790	ug/l	100
24) 1,1-Dichloroethane	6.250	63	143502	47.231	ug/l	98
25) 2-Butanone	7.203	43	112217	265.129	ug/l	92
26) 2,2-Dichloropropane	7.203	77	140320	45.676	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	95508	46.524	ug/l	99
28) Bromochloromethane	7.538	49	50697	50.002	ug/l	100
29) Tetrahydrofuran	7.556	42	61450	248.477	ug/l	99
30) Chloroform	7.703	83	164053	47.386	ug/l	100
31) Cyclohexane	7.979	56	124068	46.200	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	152956	46.401	ug/l	100
36) 1,1-Dichloropropene	8.103	75	122178	48.097	ug/l	99
37) Ethyl Acetate	7.285	43	45945	48.565	ug/l	96
38) Carbon Tetrachloride	8.085	117	135031	47.452	ug/l	99
39) Methylcyclohexane	9.344	83	140766	47.276	ug/l	100
40) Benzene	8.344	78	329397	47.256	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	20567	37.660	ug/l #	76
42) 1,2-Dichloroethane	8.414	62	101531	47.458	ug/l	98
43) Isopropyl Acetate	8.444	43	90630	48.378	ug/l	98
44) Trichloroethene	9.103	130	95509	45.483	ug/l	95
45) 1,2-Dichloropropane	9.379	63	78704	46.924	ug/l	99
46) Dibromomethane	9.461	93	52661	48.815	ug/l	96
47) Bromodichloromethane	9.650	83	126783	47.445	ug/l	100
48) Methyl methacrylate	9.444	41	42524	48.640	ug/l	93
49) 1,4-Dioxane	9.450	88	10677	939.084	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	230463	246.402	ug/l	100
52) Toluene	10.391	92	225539	47.551	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	113537	46.155	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	132205	47.472	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	65576	47.261	ug/l	96
56) Ethyl methacrylate	10.650	69	76999	48.740	ug/l	99
57) 1,3-Dichloropropane	10.932	76	107334	47.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	155376	257.006	ug/l	99
59) 2-Hexanone	10.973	43	170227	268.956	ug/l	98
60) Dibromochloromethane	11.126	129	88866	47.469	ug/l	97
61) 1,2-Dibromoethane	11.232	107	67278	47.838	ug/l	100
64) Tetrachloroethene	10.867	164	81698	42.798	ug/l	98
65) Chlorobenzene	11.655	112	240100	45.152	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	92949	45.632	ug/l	99
67) Ethyl Benzene	11.732	91	436183	46.442	ug/l	98
68) m/p-Xylenes	11.838	106	353034	94.819	ug/l	98
69) o-Xylene	12.167	106	159210	45.656	ug/l	96
70) Styrene	12.179	104	282789	48.012	ug/l	99
71) Bromoform	12.344	173	53531	47.850	ug/l #	97
73) Isopropylbenzene	12.467	105	433753	43.770	ug/l	100
74) N-amyl acetate	12.273	43	87038	43.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	76736	45.456	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	94972	89.926	ug/l #	100
77) Bromobenzene	12.744	156	100807	43.213	ug/l	98
78) n-propylbenzene	12.808	91	542243	44.994	ug/l	99
79) 2-Chlorotoluene	12.891	91	298771	43.338	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	376578	44.729	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21925	43.767	ug/l	94
82) 4-Chlorotoluene	12.991	91	320992	44.419	ug/l	99
83) tert-Butylbenzene	13.208	119	324018	44.201	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	377863	45.431	ug/l	100
85) sec-Butylbenzene	13.385	105	492812	44.430	ug/l	99
86) p-Isopropyltoluene	13.496	119	422007	45.294	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	213647	43.857	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	210275	43.576	ug/l	99
89) n-Butylbenzene	13.826	91	388913	45.270	ug/l	99
90) Hexachloroethane	14.091	117	76877	45.026	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	184861	44.383	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.479	75	13756	47.840	ug/l	94
93) 1,2,4-Trichlorobenzene	15.138	180	111016	42.863	ug/l	99
94) Hexachlorobutadiene	15.243	225	61483	43.693	ug/l	97
95) Naphthalene	15.373	128	208667	44.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	97045	43.347	ug/l	98

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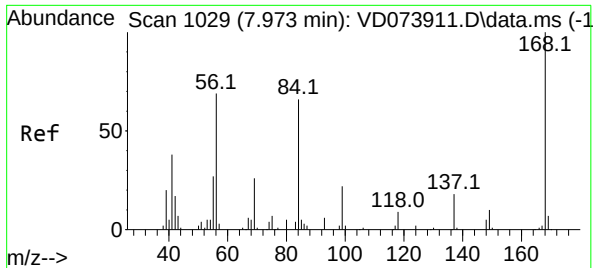
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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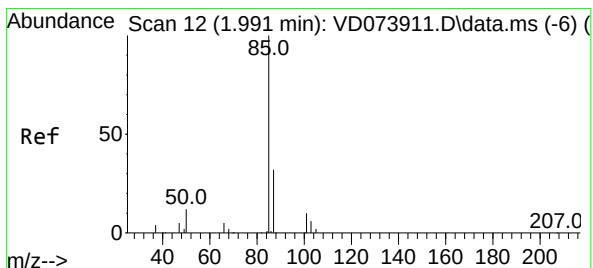
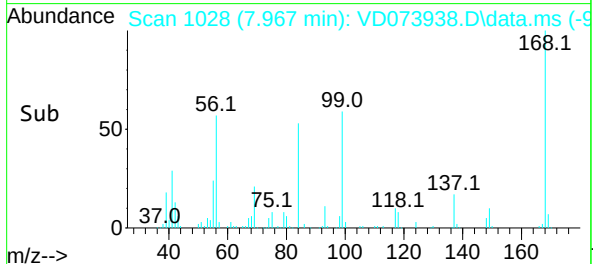
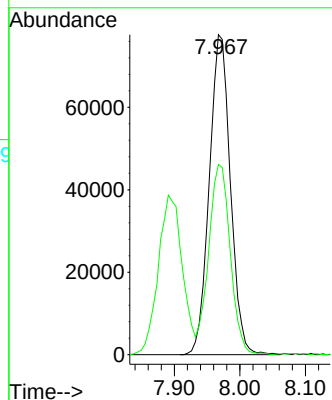
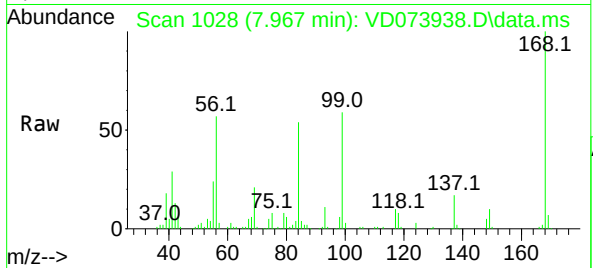




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
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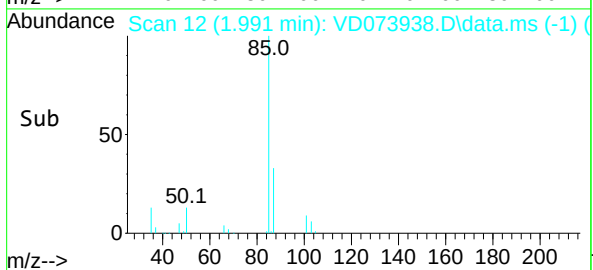
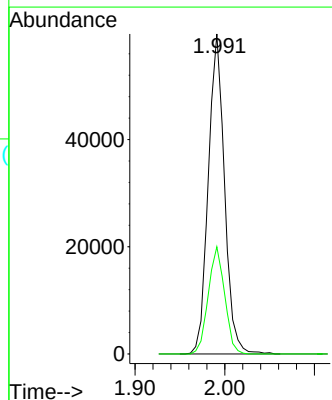
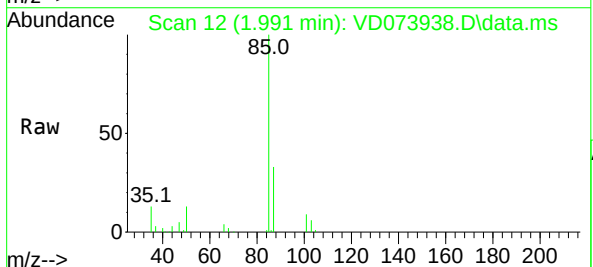
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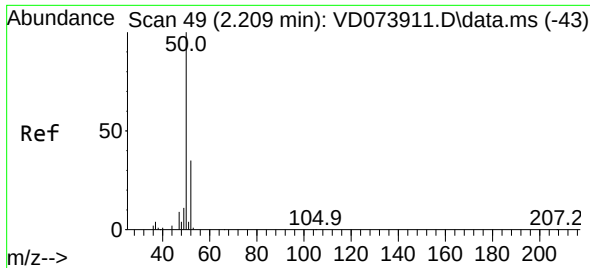
Tgt Ion:168 Resp: 173421
Ion Ratio Lower Upper
168 100
99 59.2 52.2 78.4



#2
Dichlorodifluoromethane
Concen: 49.388 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 85 Resp: 74930
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

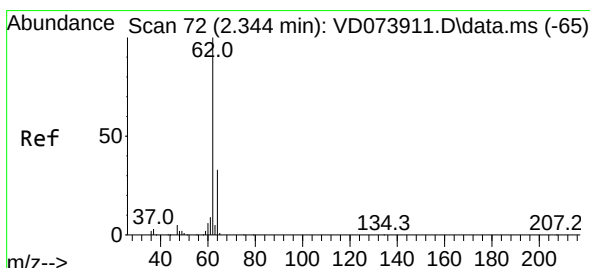
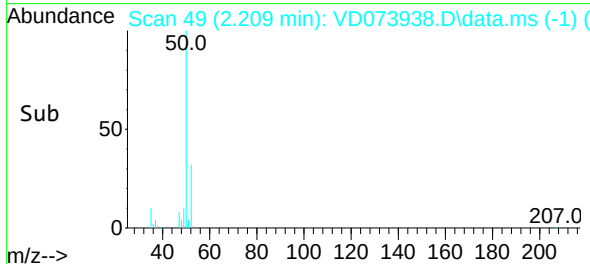
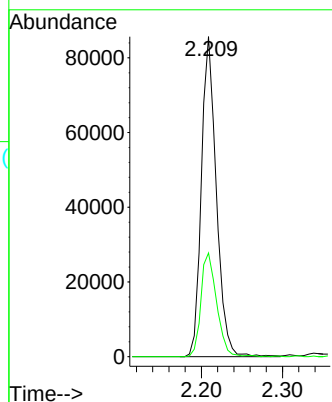
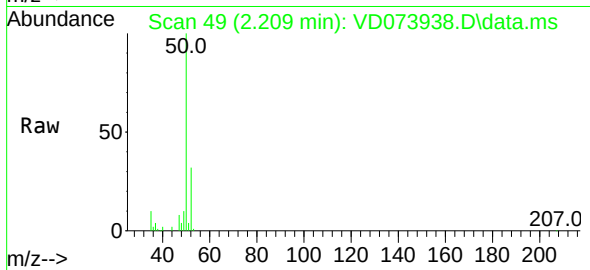




#3
Chloromethane
Concen: 49.823 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

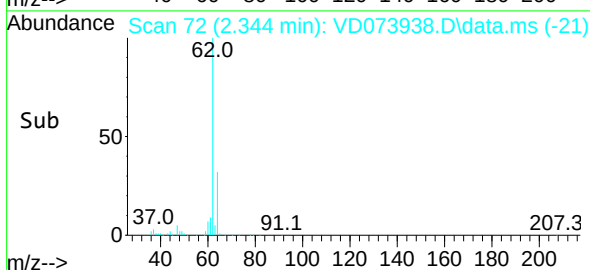
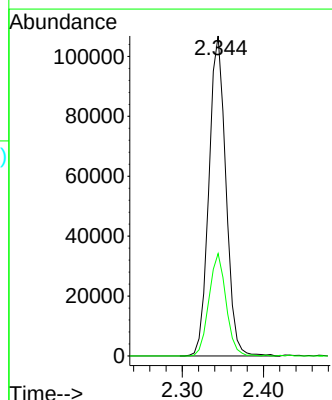
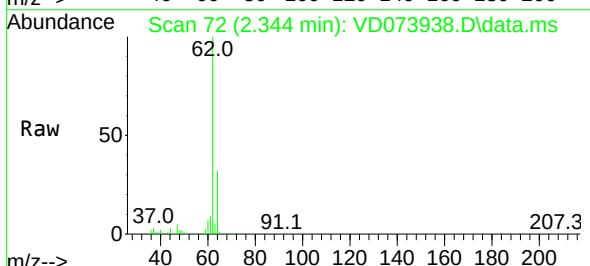
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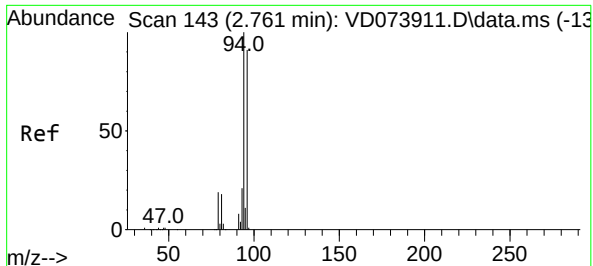
Tgt Ion: 50 Resp: 109787
Ion Ratio Lower Upper
50 100
52 32.4 28.2 42.2



#4
Vinyl Chloride
Concen: 56.919 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 62 Resp: 154675
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

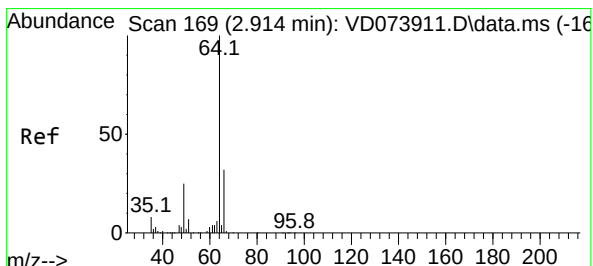
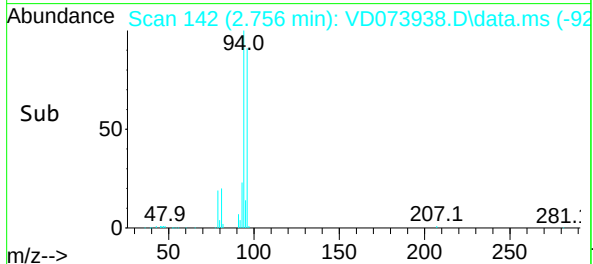
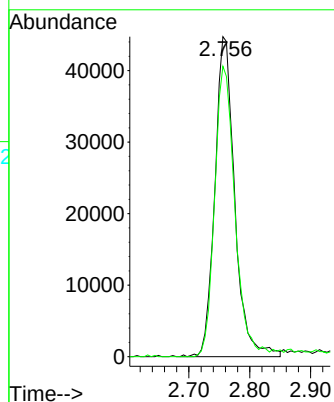
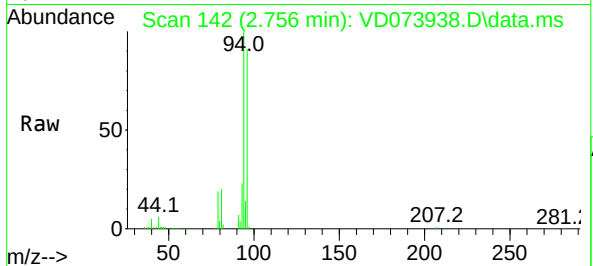




#5
Bromomethane
Concen: 52.826 ug/l
RT: 2.756 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

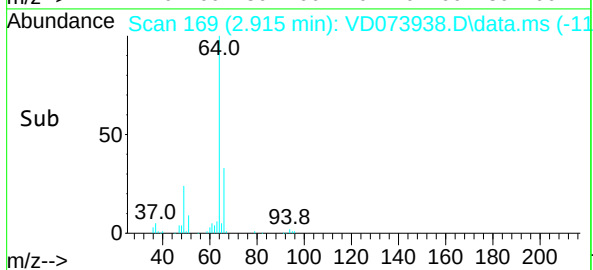
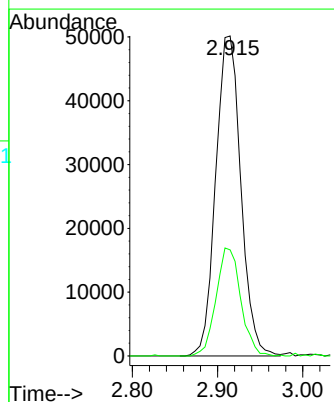
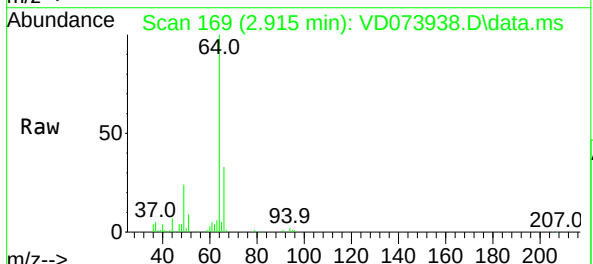
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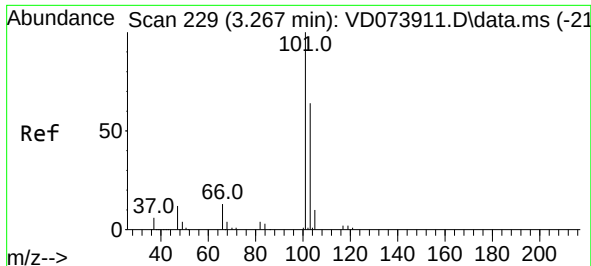
Tgt Ion: 94 Resp: 101374
Ion Ratio Lower Upper
94 100
96 90.8 72.7 109.1



#6
Chloroethane
Concen: 53.718 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 64 Resp: 102665
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.6

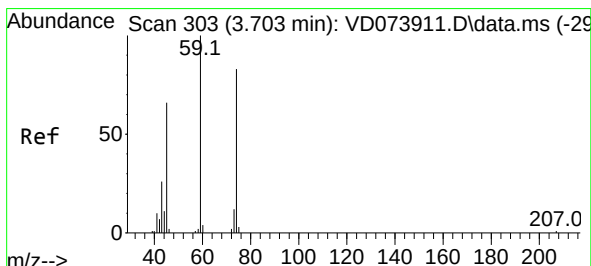
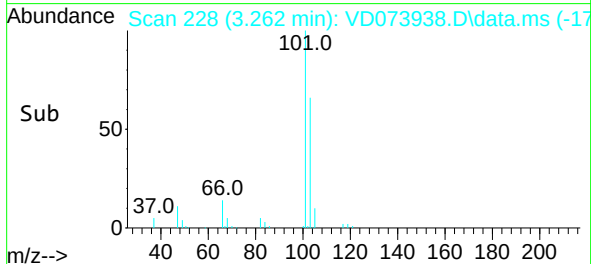
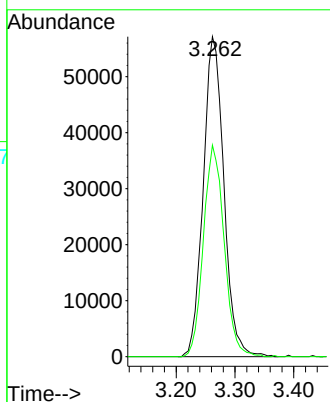
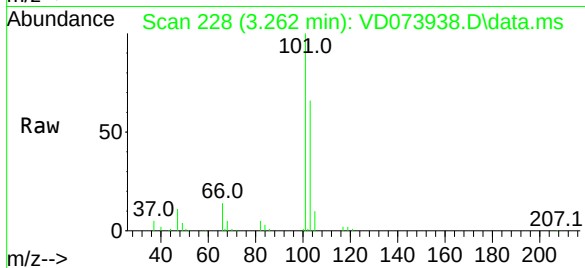




#7
 Trichlorofluoromethane
 Concen: 47.917 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073938.D
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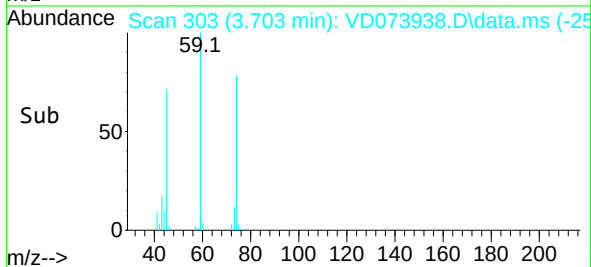
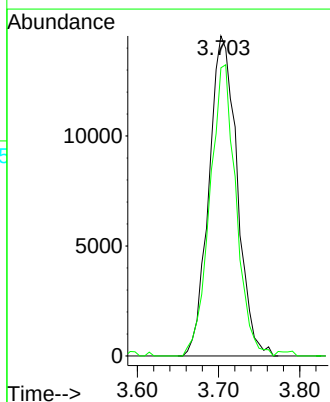
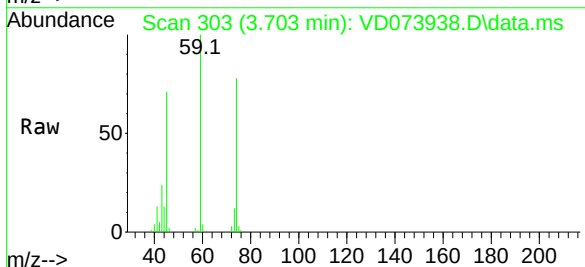
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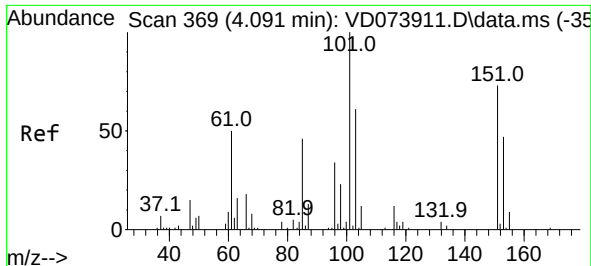
Tgt Ion:101 Resp: 139589
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.801 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion: 74 Resp: 35047
 Ion Ratio Lower Upper
 74 100
 45 84.7 42.4 127.3

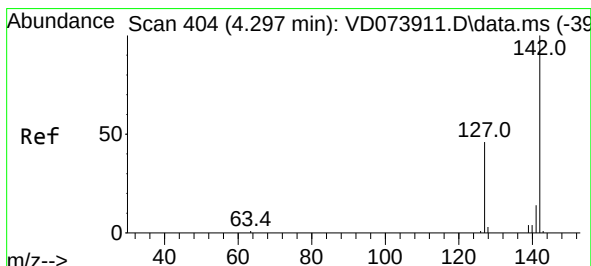
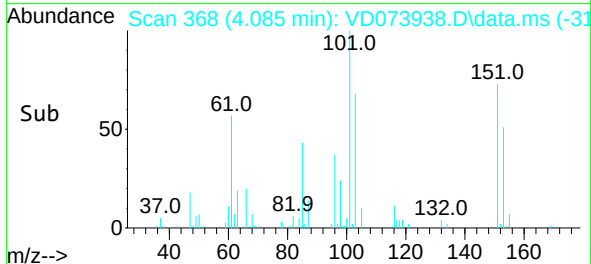
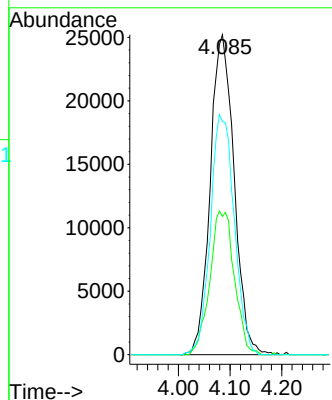
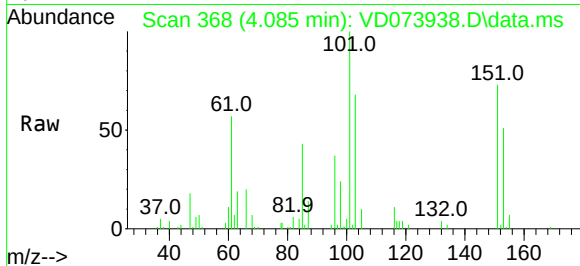




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.858 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
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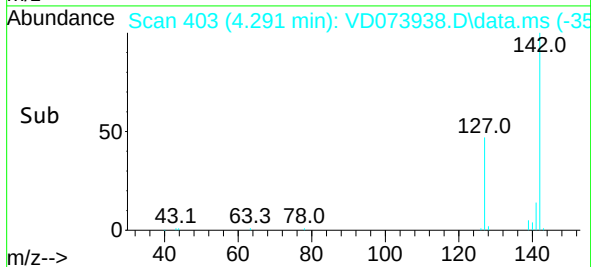
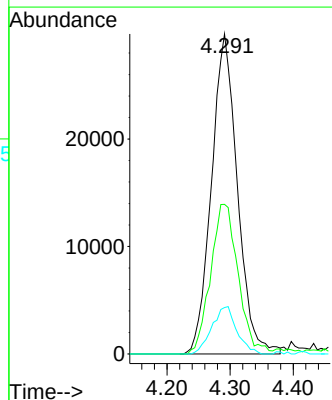
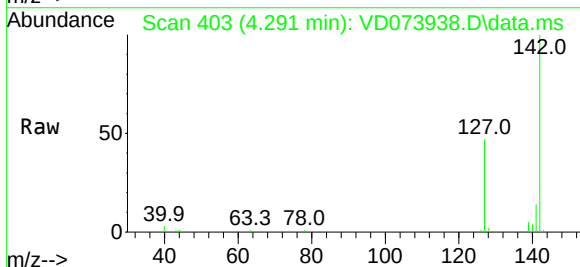
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

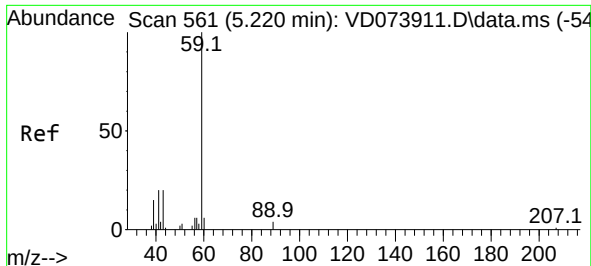
Tgt Ion:101 Resp: 80917
Ion Ratio Lower Upper
101 100
85 46.1 36.5 54.7
151 75.1 58.9 88.3



#10
Methyl Iodide
Concen: 45.062 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:142 Resp: 85090
Ion Ratio Lower Upper
142 100
127 49.7 38.3 57.5
141 14.2 11.5 17.3

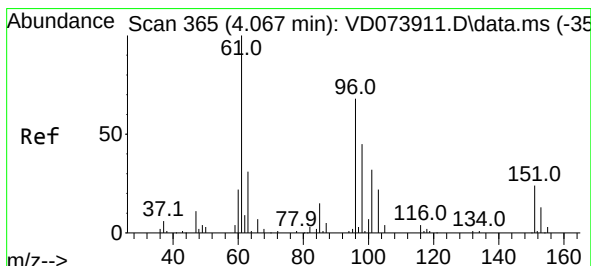
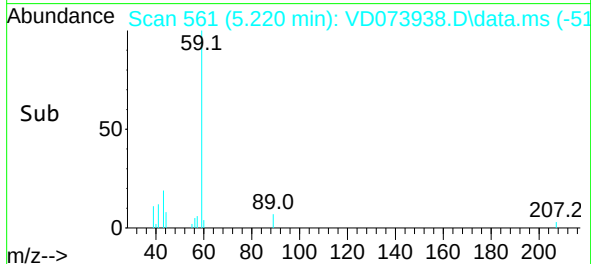
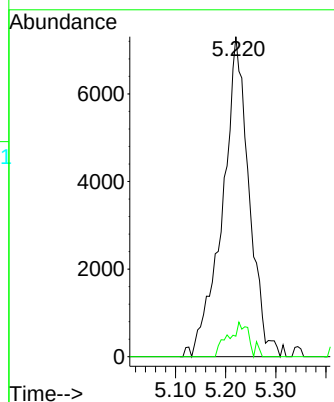
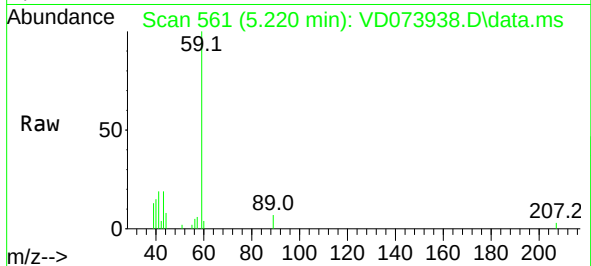




#11
Tert butyl alcohol
Concen: 269.281 ug/l
RT: 5.220 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

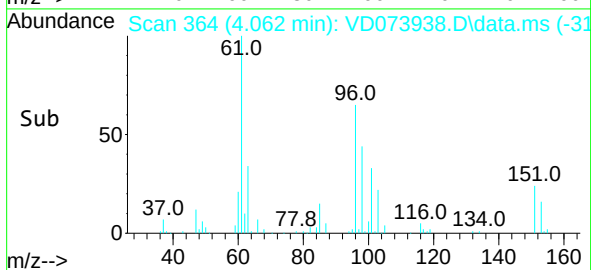
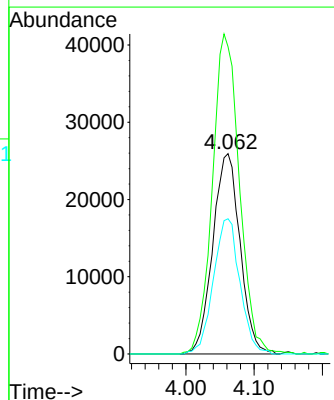
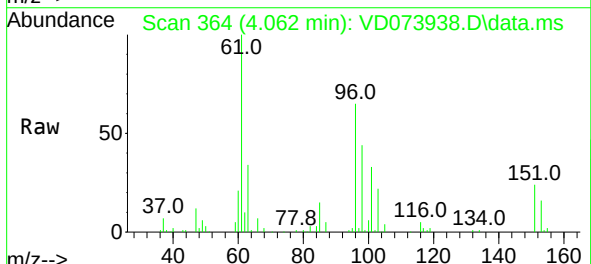
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

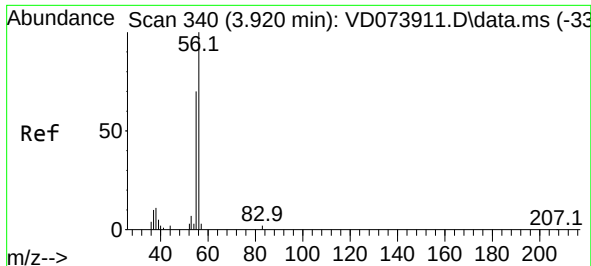
Tgt Ion: 59 Resp: 27056
Ion Ratio Lower Upper
59 100
57 7.7 7.2 10.8



#12
1,1-Dichloroethene
Concen: 47.112 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 96 Resp: 72084
Ion Ratio Lower Upper
96 100
61 153.3 118.5 177.7
98 67.4 53.2 79.8

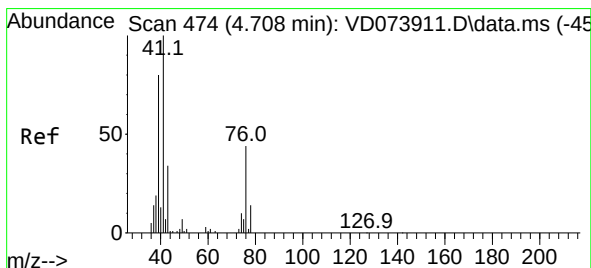
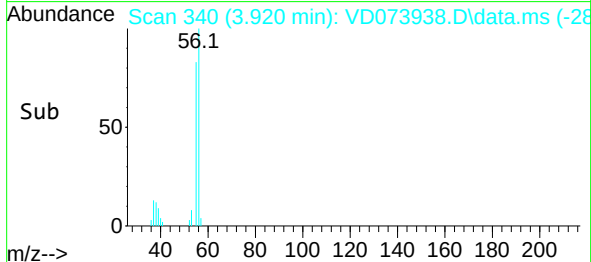
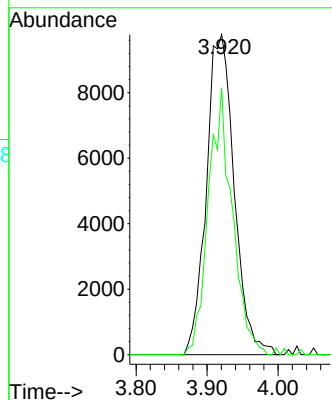
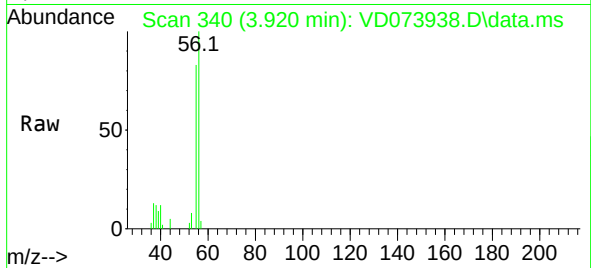




#13
Acrolein
Concen: 250.121 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

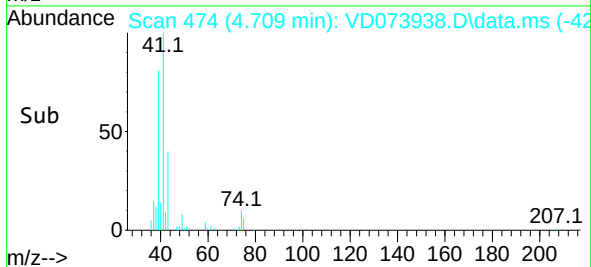
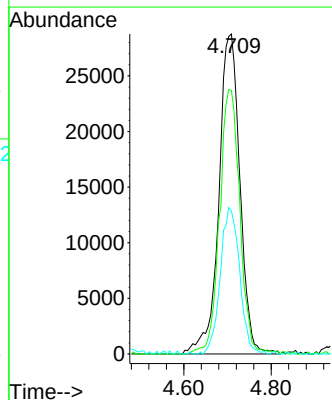
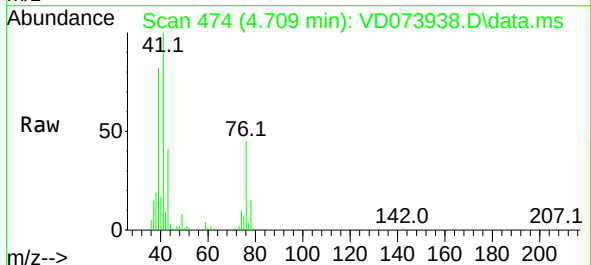
Instrument :
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ClientSampleId :
VSTDCCC050

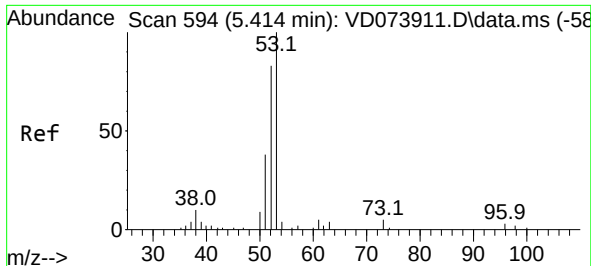
Tgt Ion: 56 Resp: 26658
Ion Ratio Lower Upper
56 100
55 71.5 58.4 87.6



#14
Allyl chloride
Concen: 46.472 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 41 Resp: 96139
Ion Ratio Lower Upper
41 100
39 79.4 62.6 94.0
76 41.8 33.9 50.9

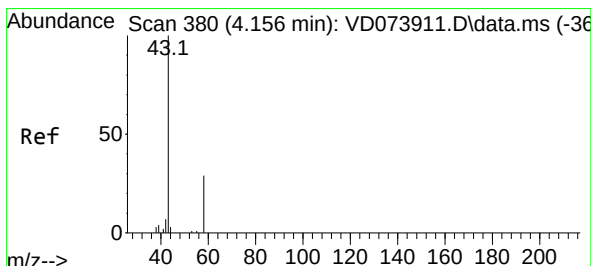
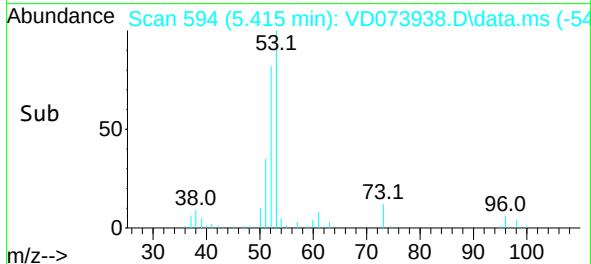
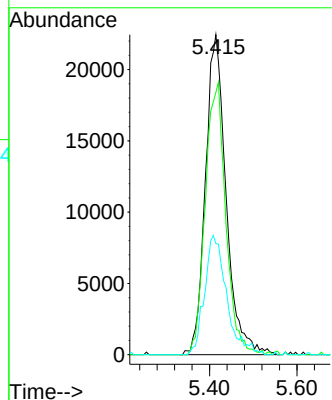
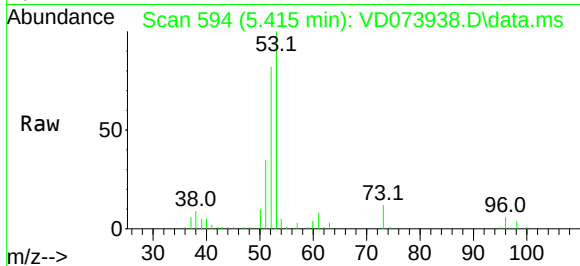




#15
Acrylonitrile
Concen: 235.752 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

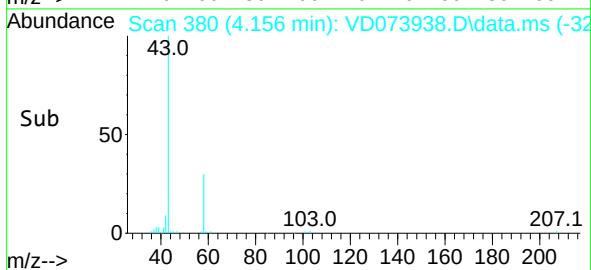
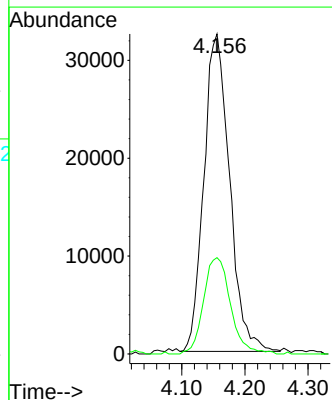
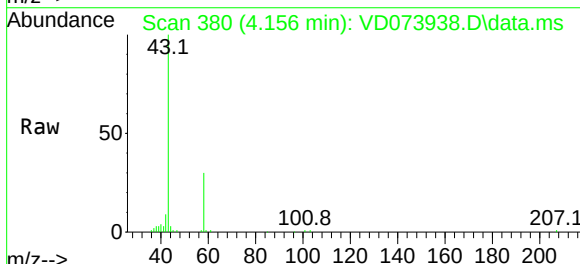
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

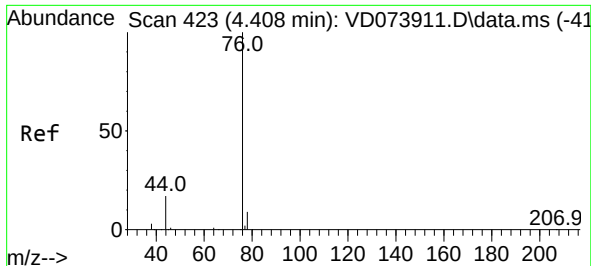
Tgt Ion: 53 Resp: 73998
Ion Ratio Lower Upper
53 100
52 84.1 65.5 98.3
51 39.6 30.4 45.6



#16
Acetone
Concen: 286.468 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 43 Resp: 91846
Ion Ratio Lower Upper
43 100
58 30.3 23.0 34.6

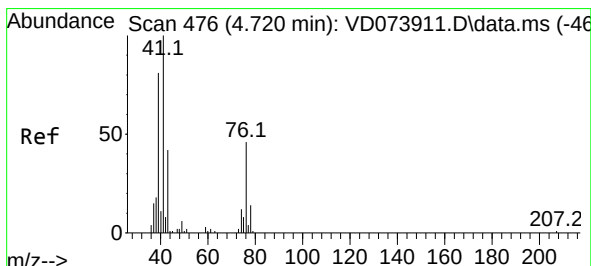
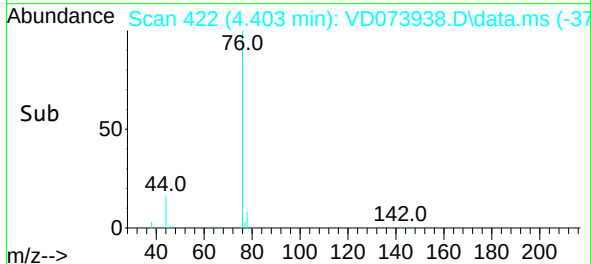
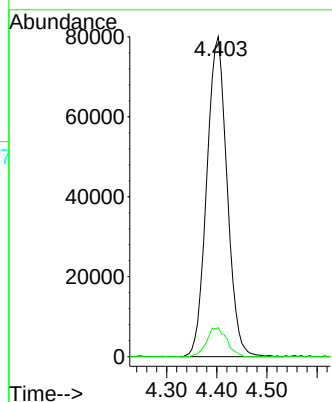
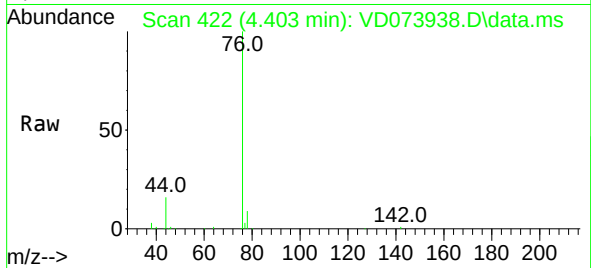




#17
Carbon Disulfide
Concen: 47.874 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

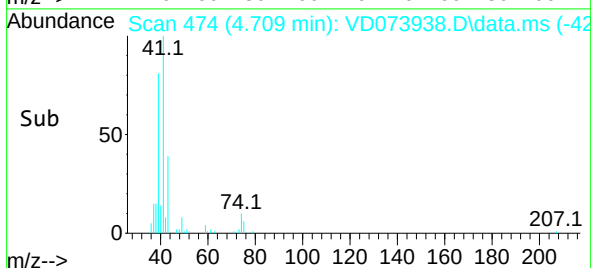
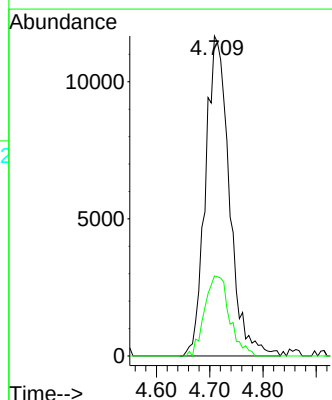
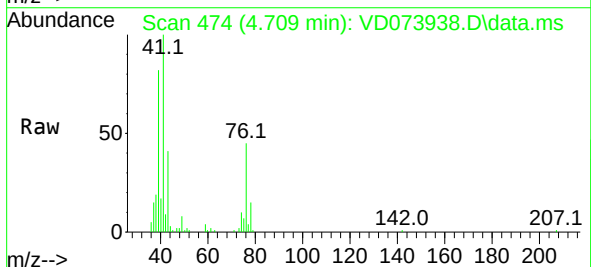
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

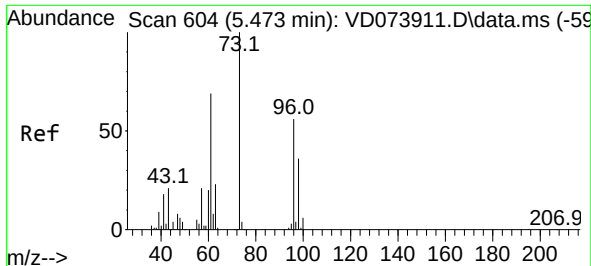
Tgt Ion: 76 Resp: 225217
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 48.231 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 43 Resp: 36453
Ion Ratio Lower Upper
43 100
74 25.9 21.2 31.8

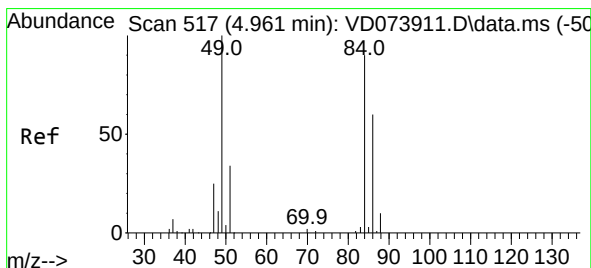
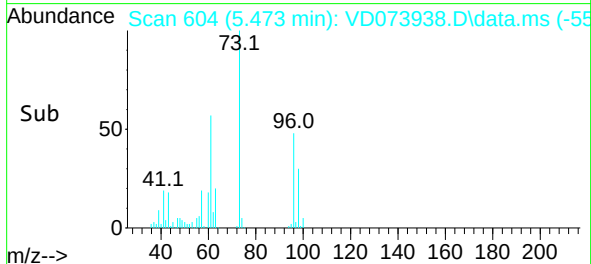
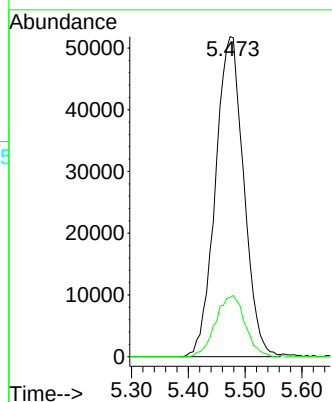
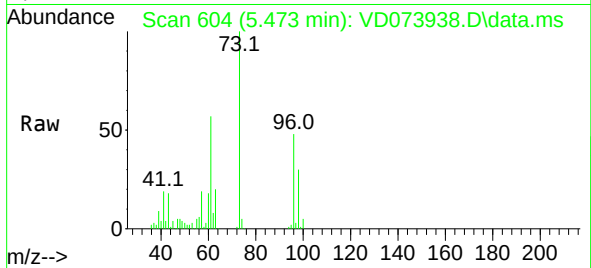




#19
Methyl tert-butyl Ether
Concen: 48.459 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

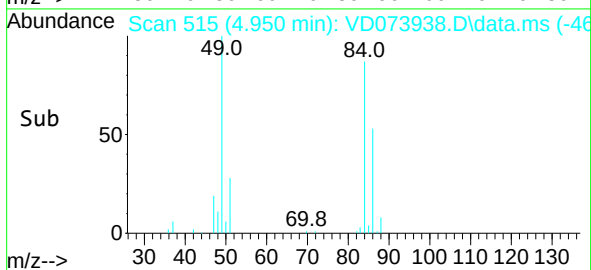
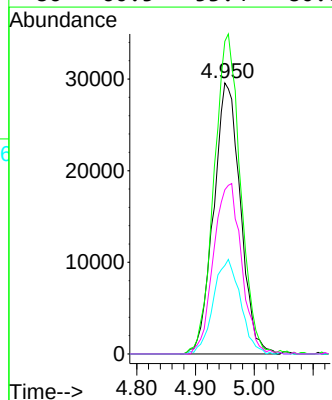
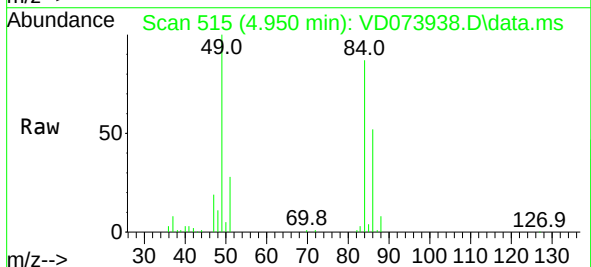
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

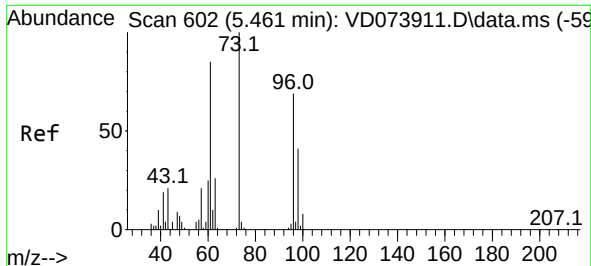
Tgt Ion: 73 Resp: 179511
Ion Ratio Lower Upper
73 100
57 18.6 17.0 25.4



#20
Methylene Chloride
Concen: 41.942 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 84 Resp: 93369
Ion Ratio Lower Upper
84 100
49 115.3 89.1 133.7
51 32.6 29.8 44.8
86 60.5 53.4 80.0

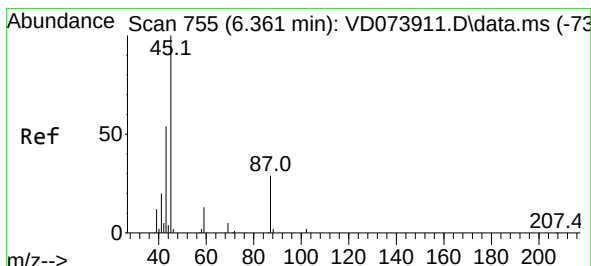
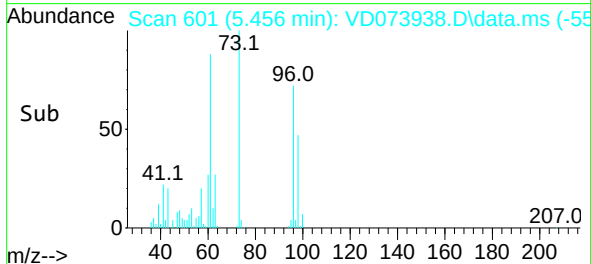
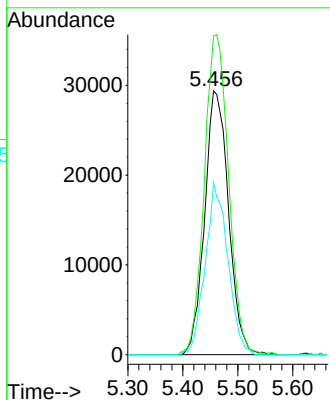
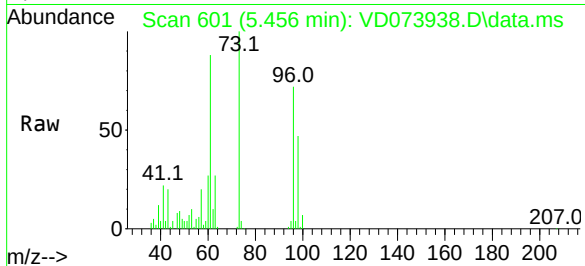




#21
trans-1,2-Dichloroethene
Concen: 48.648 ug/l
RT: 5.456 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

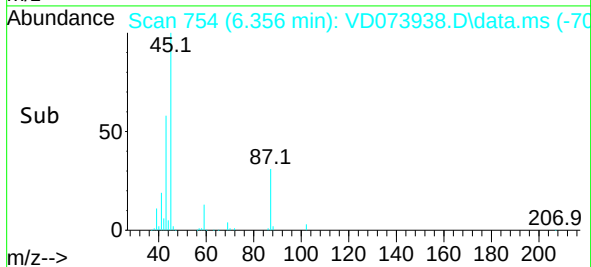
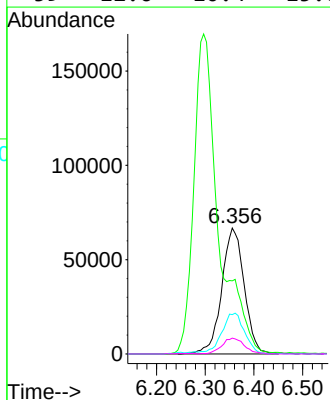
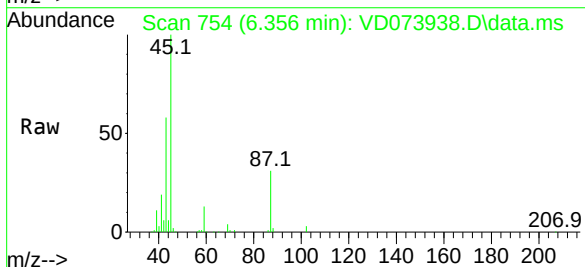
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

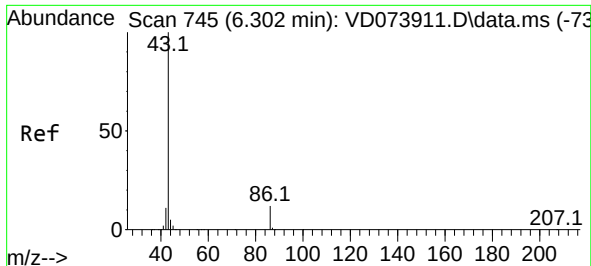
Tgt Ion: 96 Resp: 88709
Ion Ratio Lower Upper
96 100
61 120.8 98.7 148.1
98 65.2 47.3 70.9



#22
Diisopropyl ether
Concen: 47.711 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 45 Resp: 214302
Ion Ratio Lower Upper
45 100
43 56.8 46.2 69.4
87 31.1 24.0 36.0
59 12.6 10.4 15.6

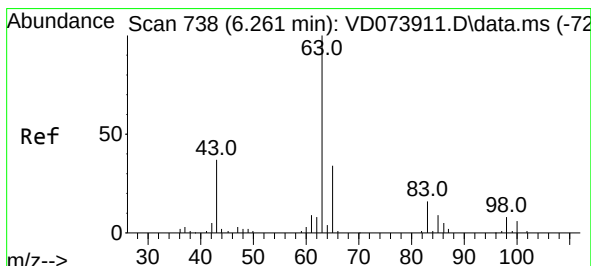
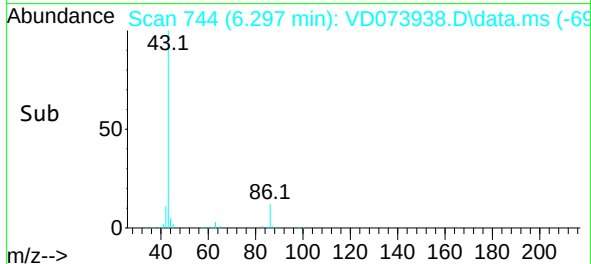
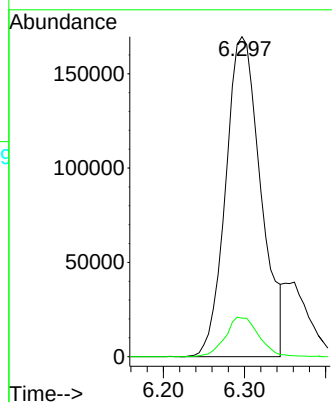
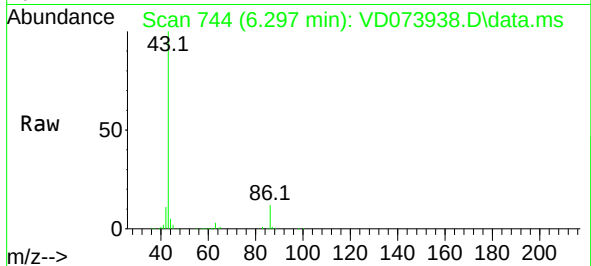




#23
 Vinyl Acetate
 Concen: 214.790 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

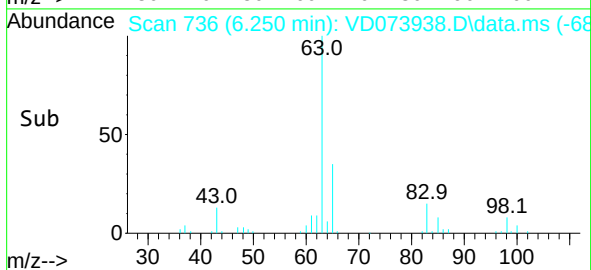
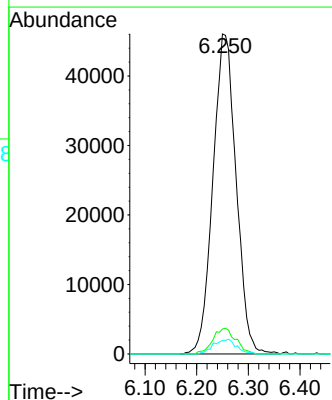
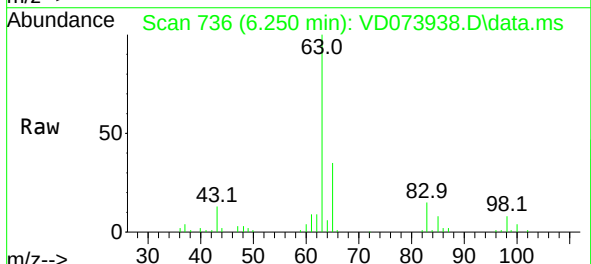
Instrument :
 MSVOA_D
 ClientSampleId :
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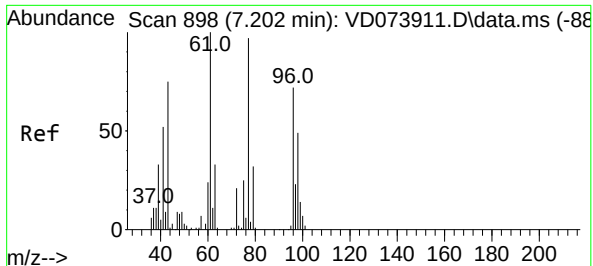
Tgt Ion: 43 Resp: 509885
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 47.231 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.012 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion: 63 Resp: 143502
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 4.2 2.8 8.4

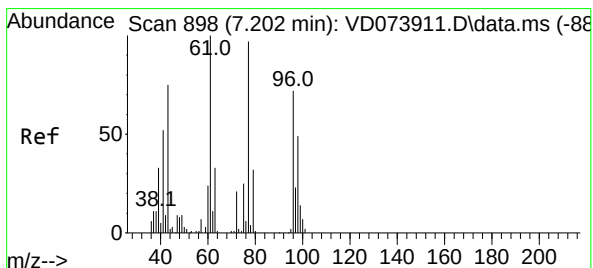
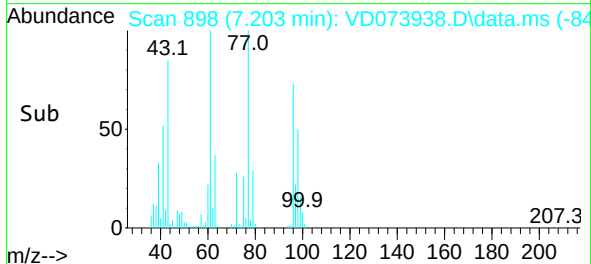
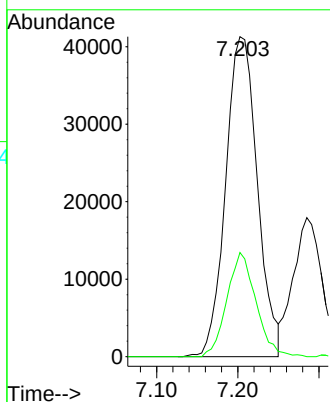
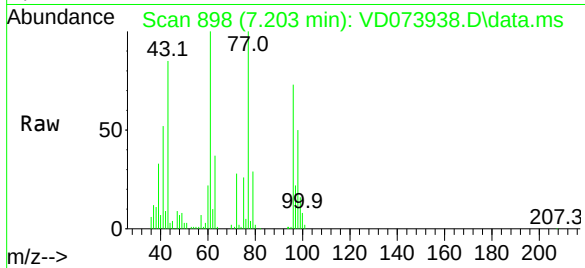




#25
2-Butanone
Concen: 265.129 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

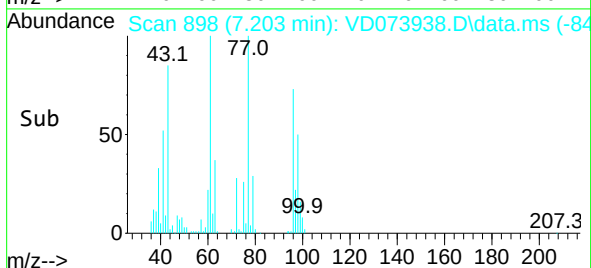
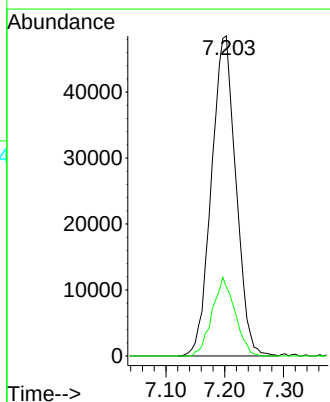
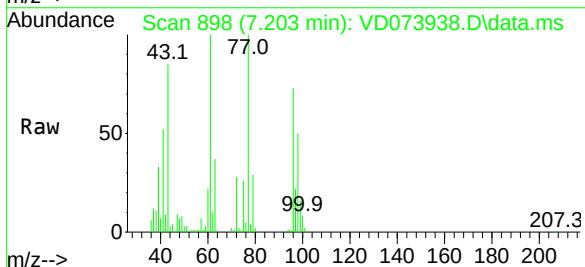
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

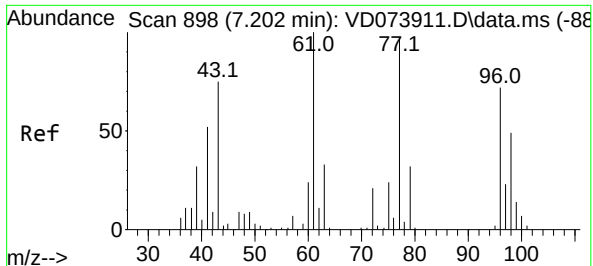
Tgt Ion: 43 Resp: 112217
Ion Ratio Lower Upper
43 100
72 32.6 22.7 34.1



#26
2,2-Dichloropropane
Concen: 45.676 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 77 Resp: 140320
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 46.524 ug/l

RT: 7.197 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

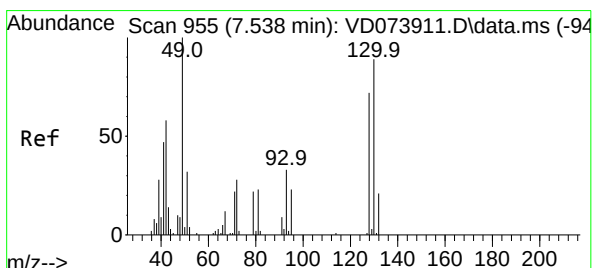
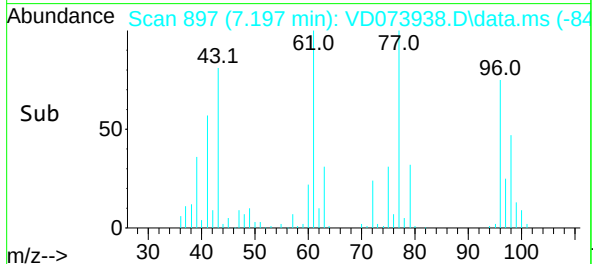
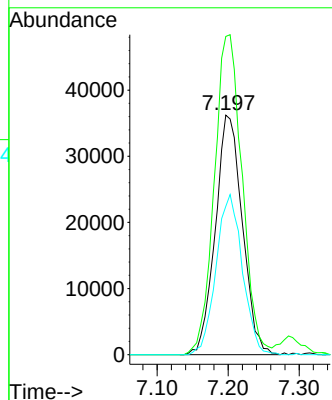
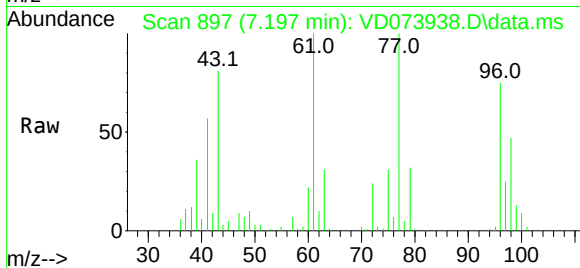
Tgt Ion: 96 Resp: 95508

Ion Ratio Lower Upper

96 100

61 137.4 0.0 272.0

98 65.4 0.0 129.2



#28

Bromochloromethane

Concen: 50.002 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

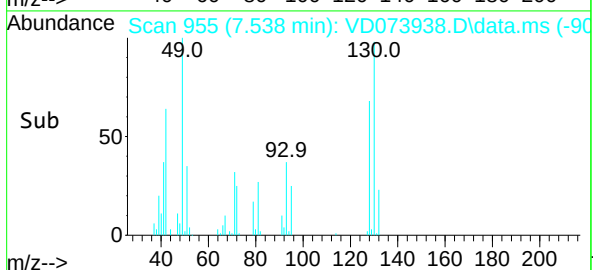
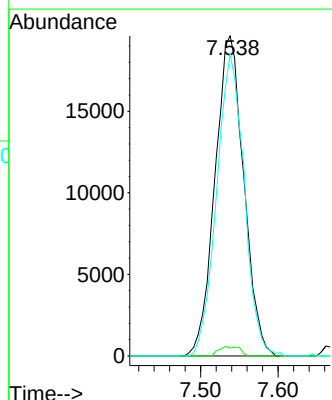
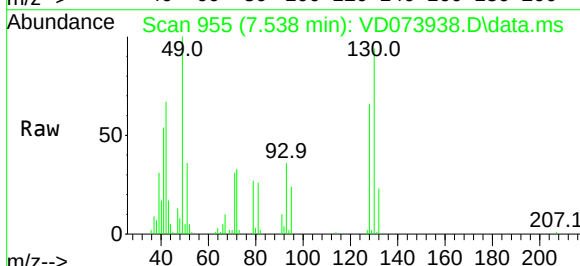
Tgt Ion: 49 Resp: 50697

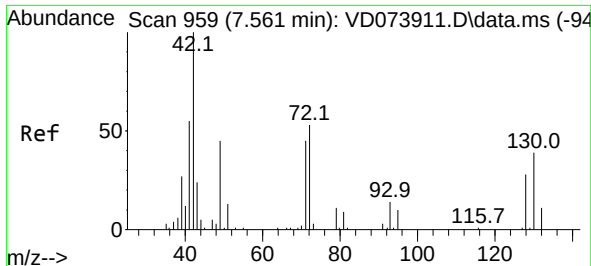
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.4

130 90.4 72.0 108.0





#29

Tetrahydrofuran

Concen: 248.477 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

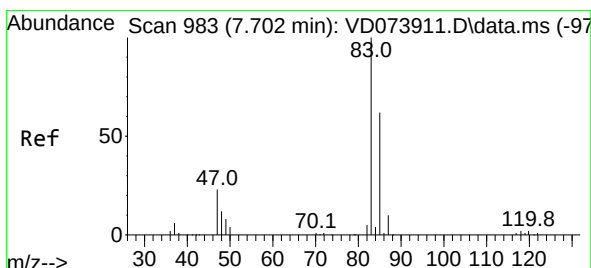
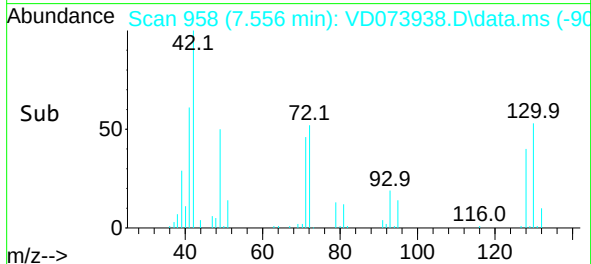
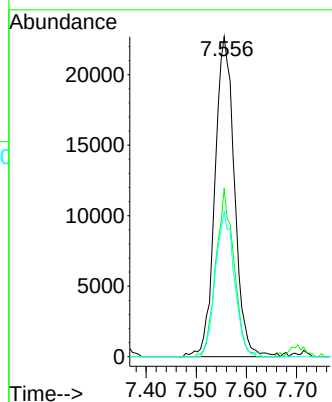
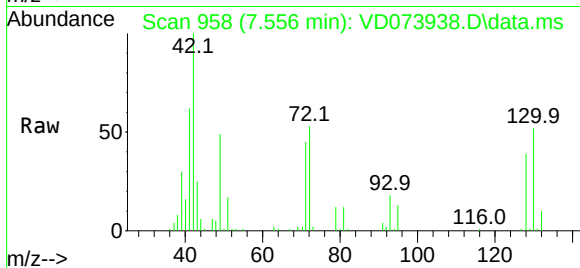
Tgt Ion: 42 Resp: 61450

Ion Ratio Lower Upper

42 100

72 48.2 39.0 58.4

71 43.7 35.7 53.5



#30

Chloroform

Concen: 47.386 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073938.D

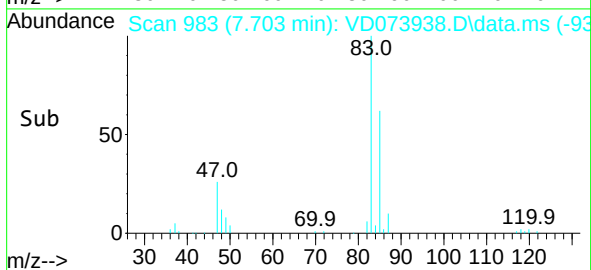
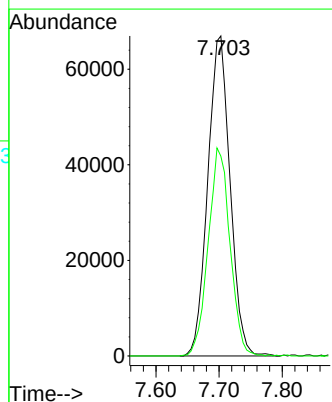
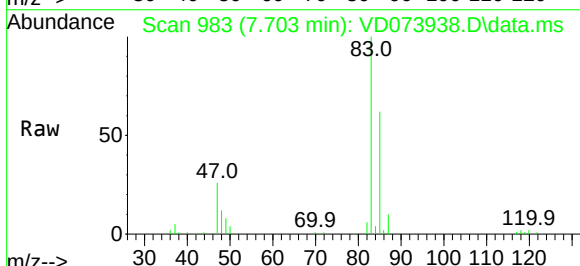
Acq: 03 Aug 2022 11:41

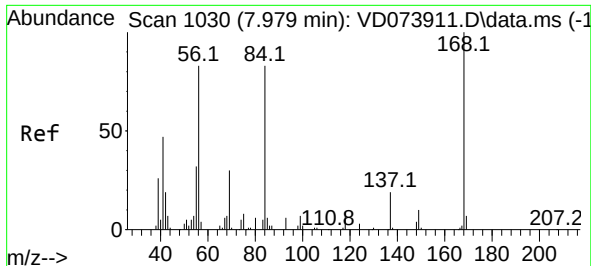
Tgt Ion: 83 Resp: 164053

Ion Ratio Lower Upper

83 100

85 62.5 49.8 74.8

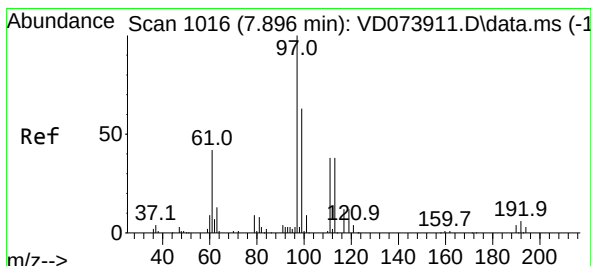
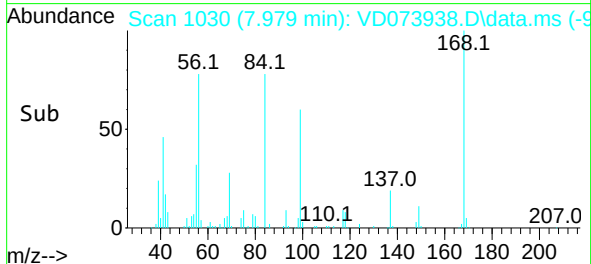
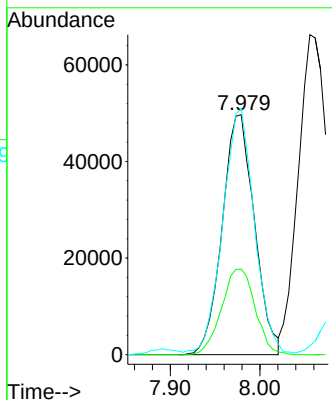
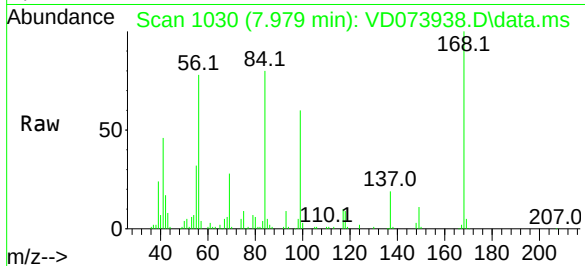




#31
Cyclohexane
Concen: 46.200 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

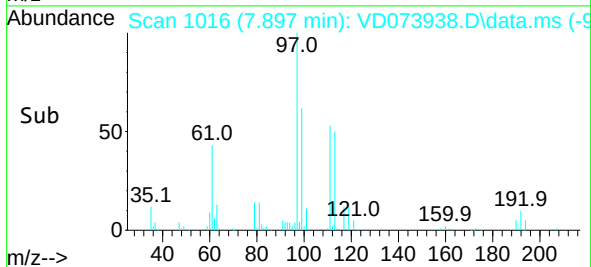
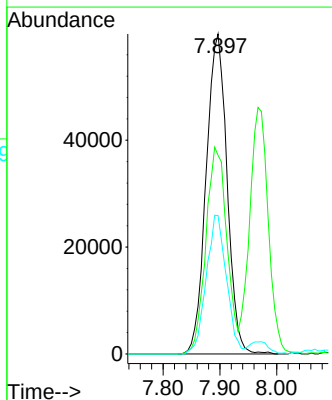
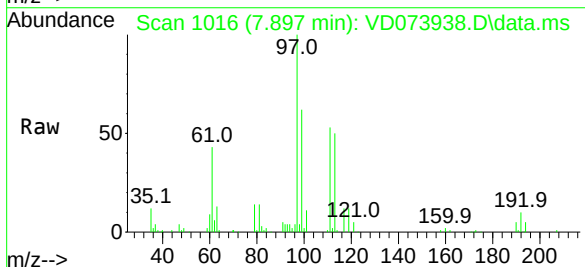
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

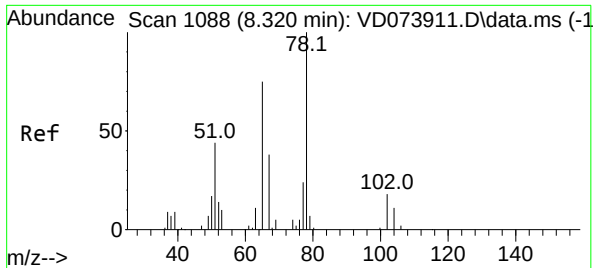
Tgt Ion: 56 Resp: 124068
Ion Ratio Lower Upper
56 100
69 35.6 29.2 43.8
84 100.9 80.0 120.0



#32
1,1,1-Trichloroethane
Concen: 46.401 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 97 Resp: 152956
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.0 33.4 50.0

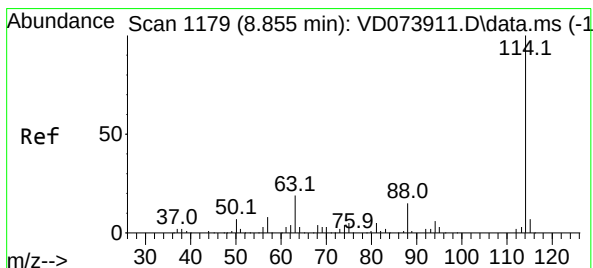
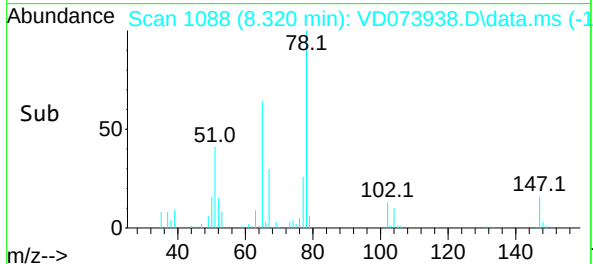
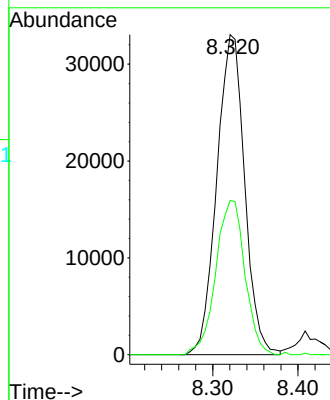
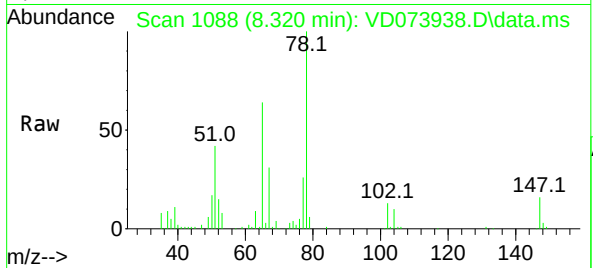




#33
1,2-Dichloroethane-d4
Concen: 52.919 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

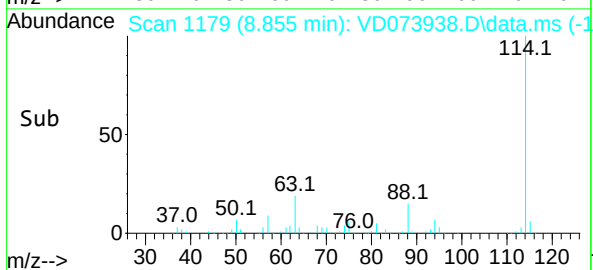
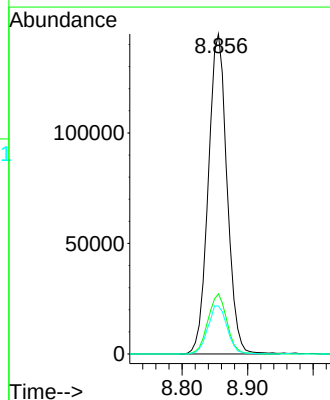
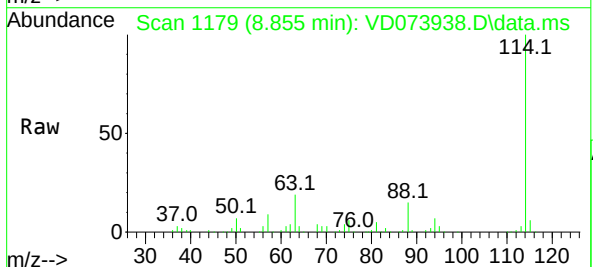
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

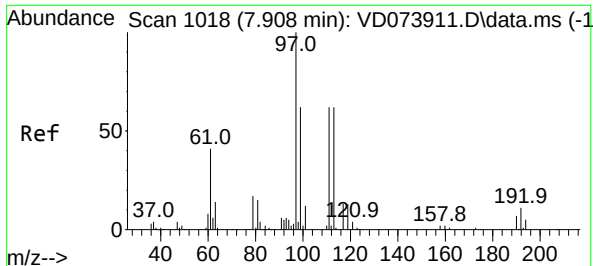
Tgt Ion: 65 Resp: 75121
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 114 Resp: 287059
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.6
88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.292 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

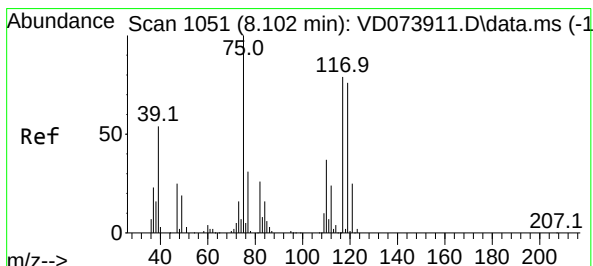
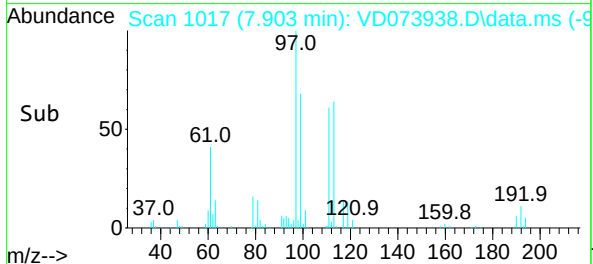
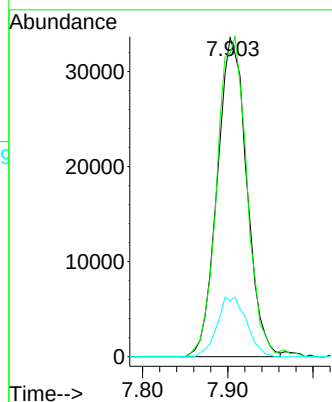
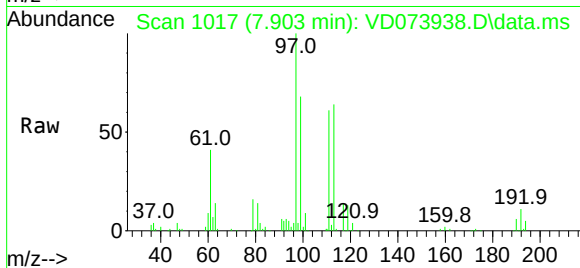
Tgt Ion:113 Resp: 80781

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.6 15.0 22.6



#36

1,1-Dichloropropene

Concen: 48.097 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

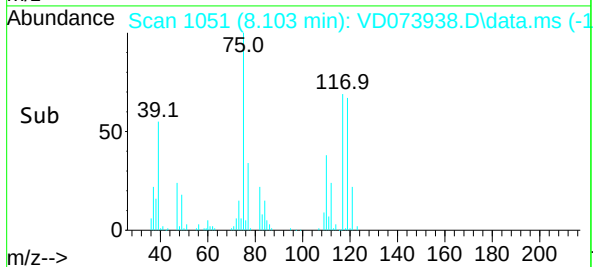
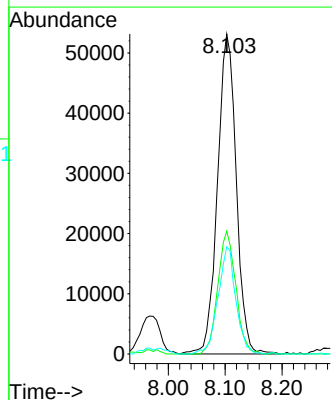
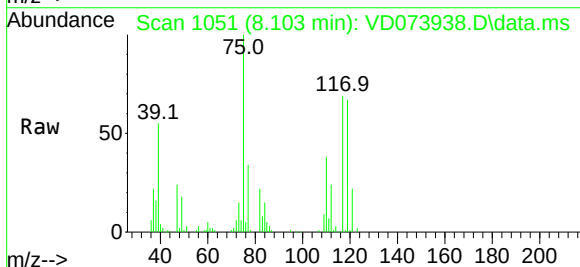
Tgt Ion: 75 Resp: 122178

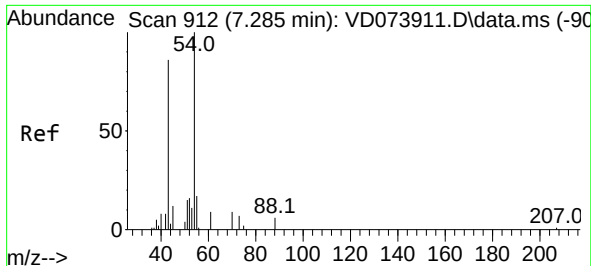
Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.1

77 31.9 24.7 37.1

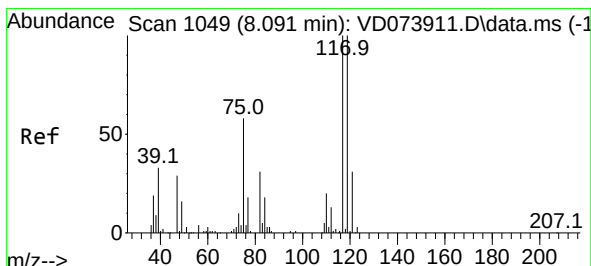
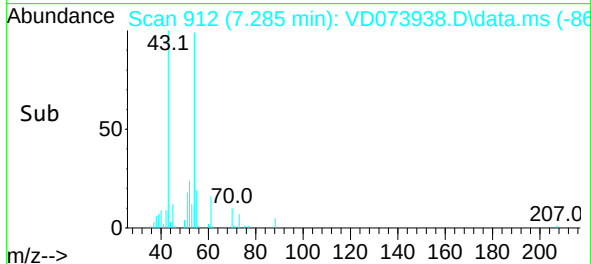
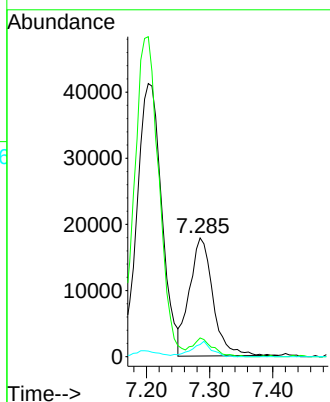
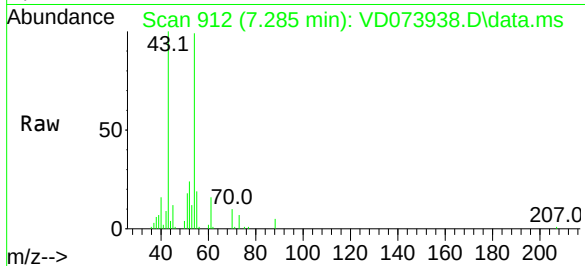




#37
Ethyl Acetate
Concen: 48.565 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

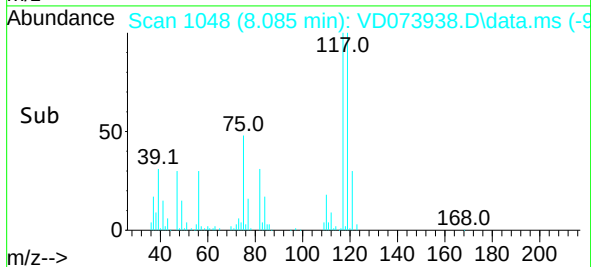
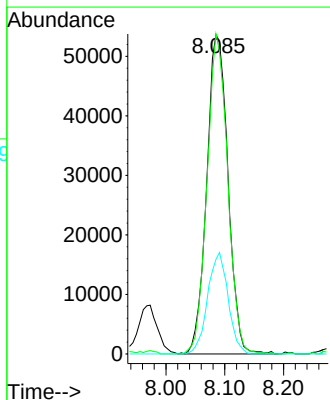
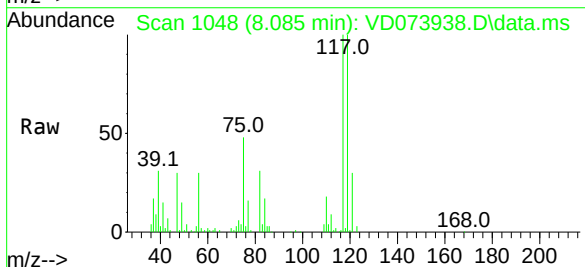
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

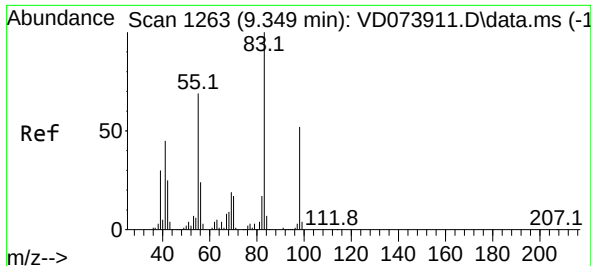
Tgt Ion: 43 Resp: 45945
Ion Ratio Lower Upper
43 100
61 13.7 12.7 19.1
70 10.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 47.452 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 117 Resp: 135031
Ion Ratio Lower Upper
117 100
119 100.2 79.6 119.4
121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 47.276 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

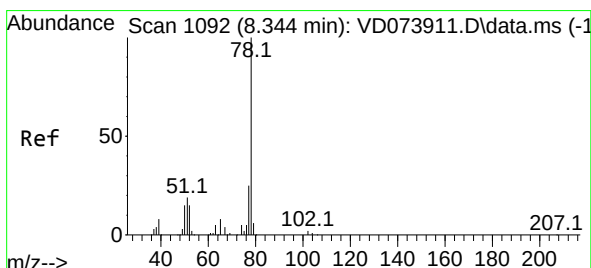
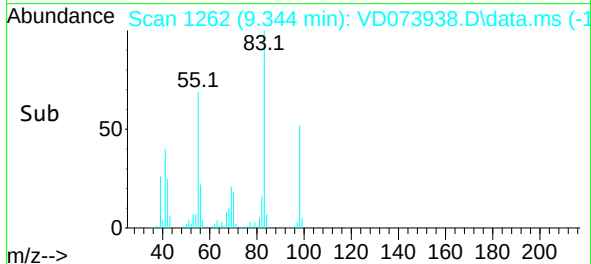
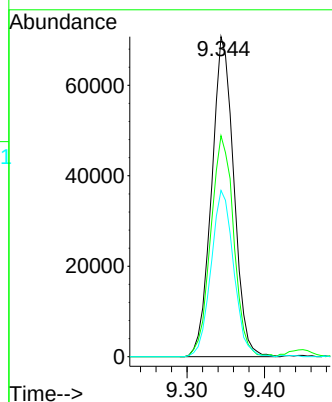
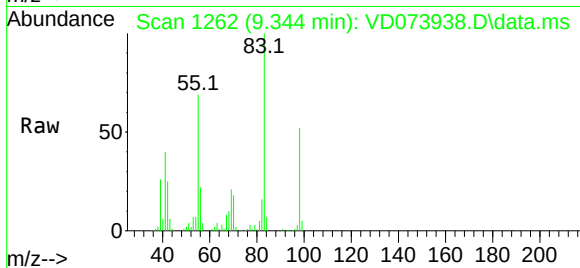
Tgt Ion: 83 Resp: 140766

Ion Ratio Lower Upper

83 100

55 69.0 55.6 83.4

98 52.0 41.6 62.4



#40

Benzene

Concen: 47.256 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073938.D

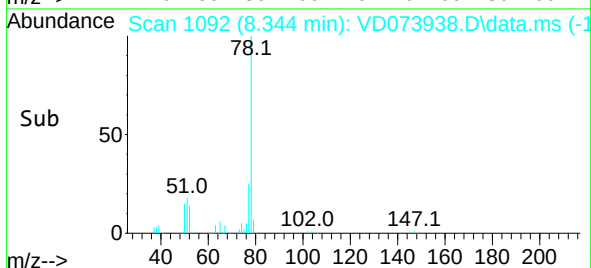
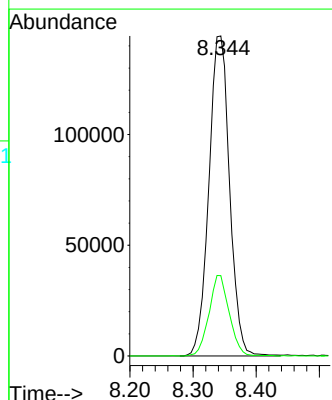
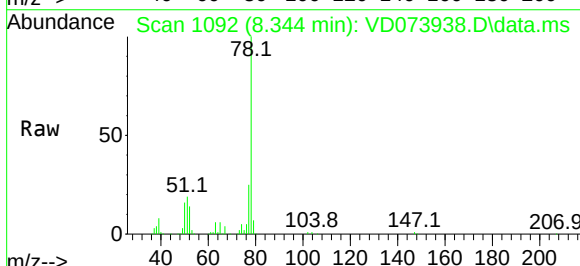
Acq: 03 Aug 2022 11:41

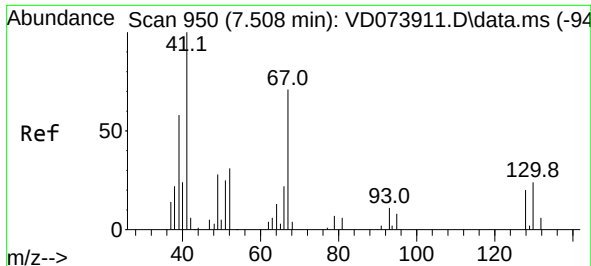
Tgt Ion: 78 Resp: 329397

Ion Ratio Lower Upper

78 100

77 25.1 19.8 29.6

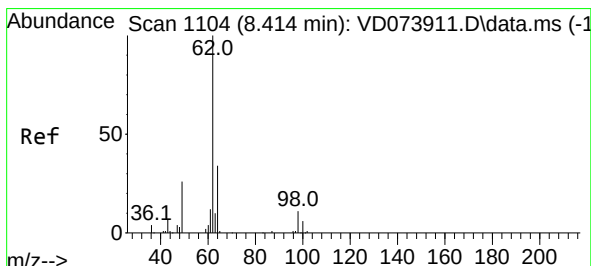
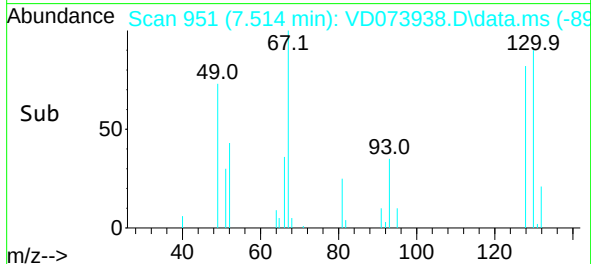
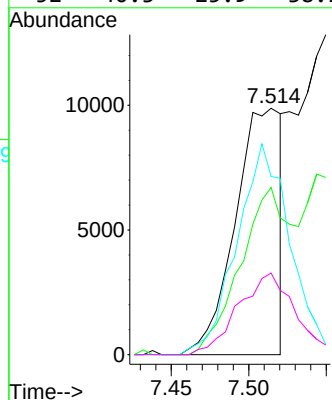
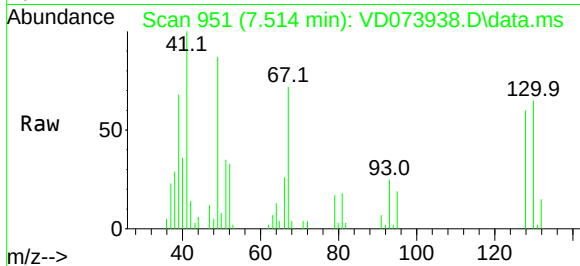




#41
Methacrylonitrile
Concen: 37.660 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

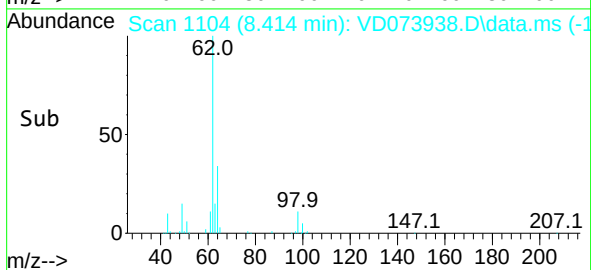
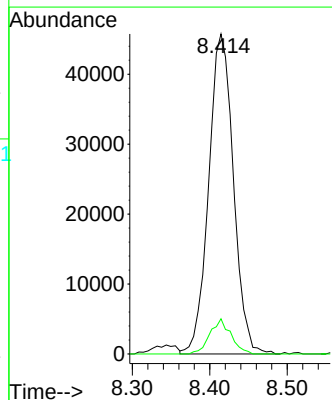
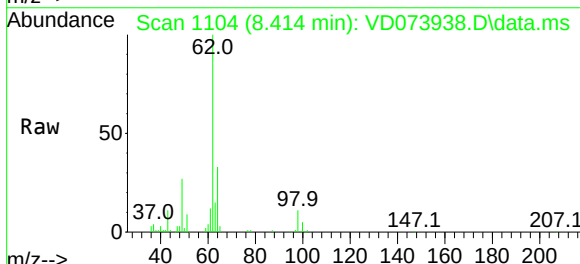
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

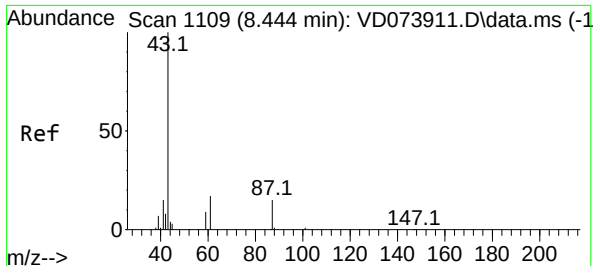
Tgt Ion:	41	Resp:	20567
Ion	Ratio	Lower	Upper
41	100		
39	77.4	46.6	69.8#
67	98.6	61.0	91.4#
52	40.3	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 47.458 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:	62	Resp:	101531
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

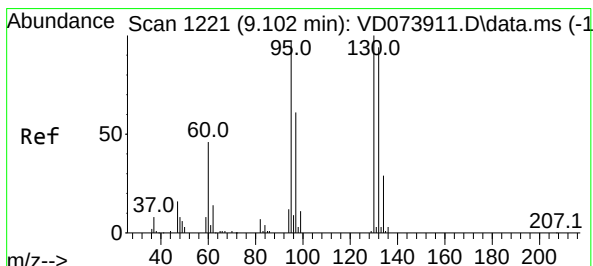
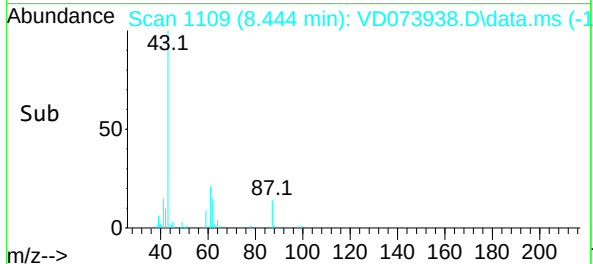
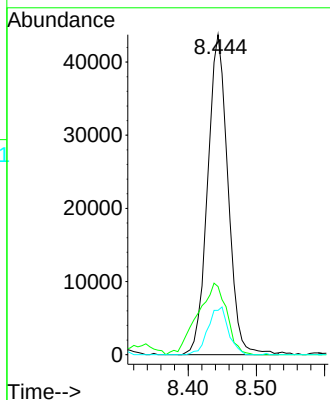
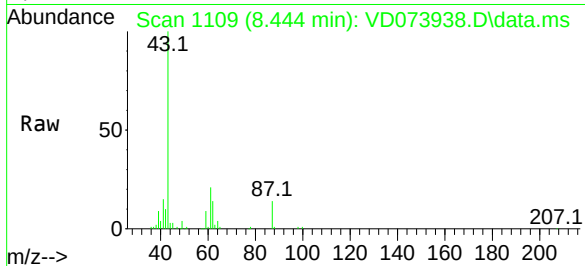




#43
Isopropyl Acetate
Concen: 48.378 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

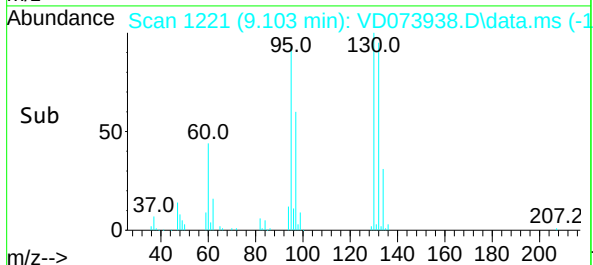
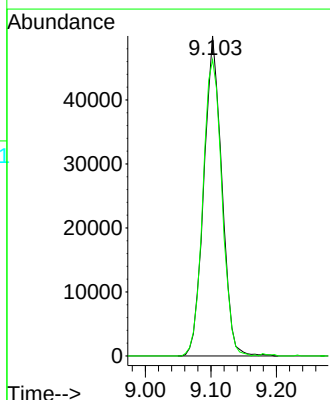
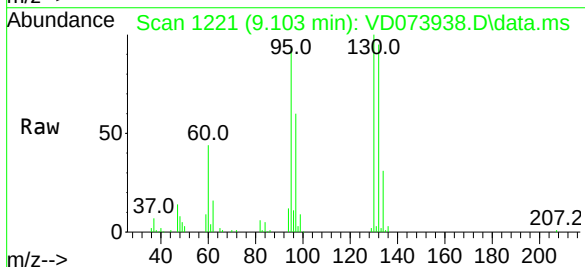
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

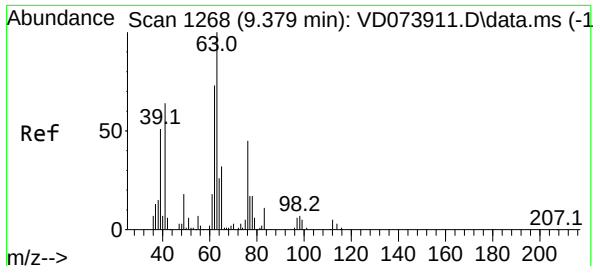
Tgt Ion: 43 Resp: 90630
Ion Ratio Lower Upper
43 100
61 32.2 24.6 37.0
87 14.8 12.2 18.2



#44
Trichloroethene
Concen: 45.483 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 130 Resp: 95509
Ion Ratio Lower Upper
130 100
95 92.6 0.0 194.2





#45

1,2-Dichloropropane

Concen: 46.924 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

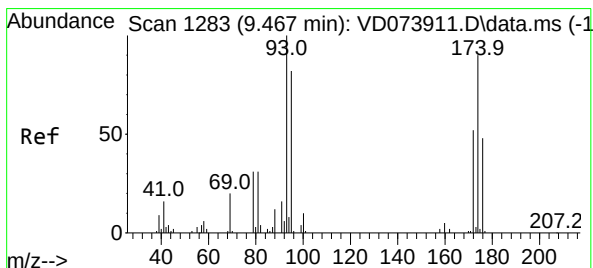
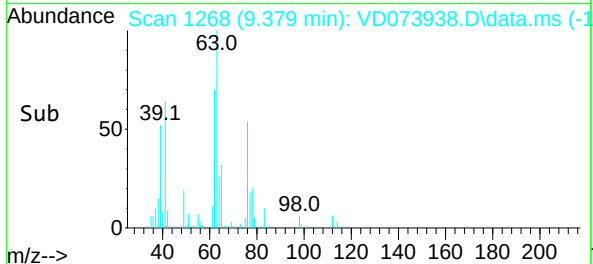
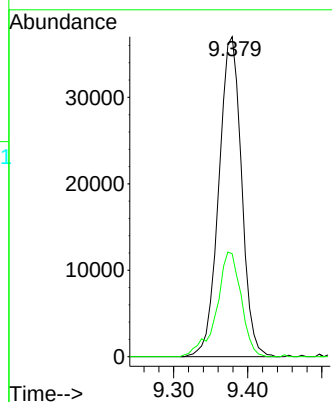
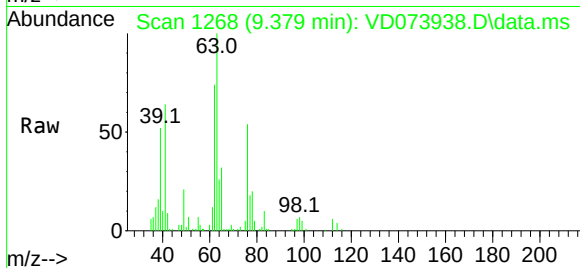
VSTDCCC050

Tgt Ion: 63 Resp: 78704

Ion Ratio Lower Upper

63 100

65 32.2 26.0 39.0



#46

Dibromomethane

Concen: 48.815 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

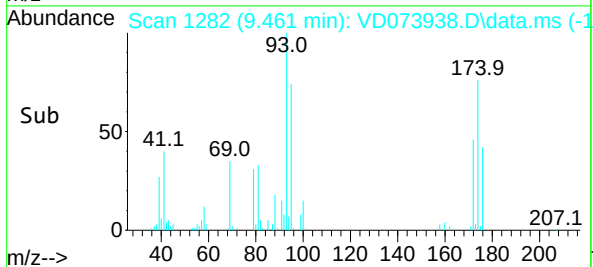
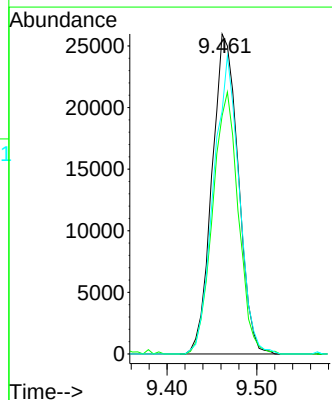
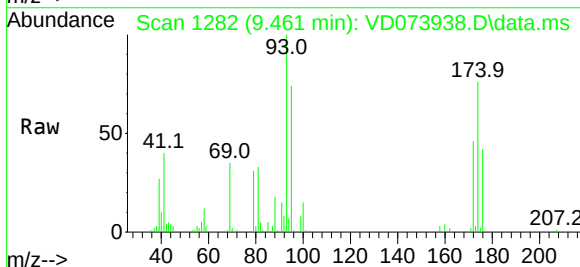
Tgt Ion: 93 Resp: 52661

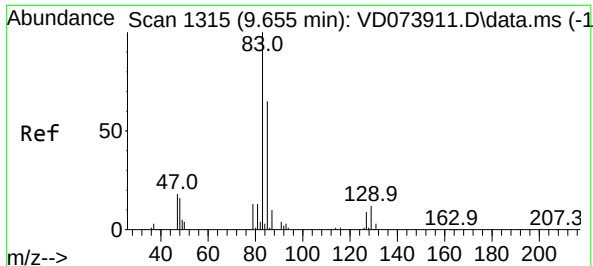
Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.2

174 90.8 76.4 114.6





#47

Bromodichloromethane

Concen: 47.445 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

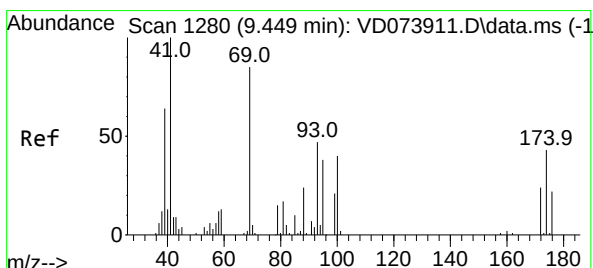
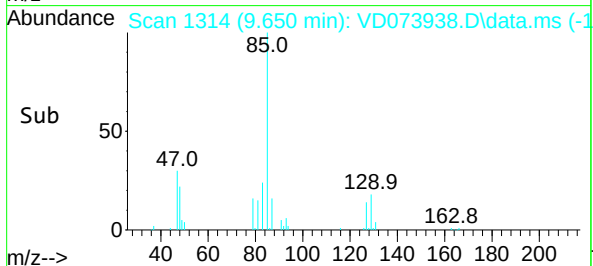
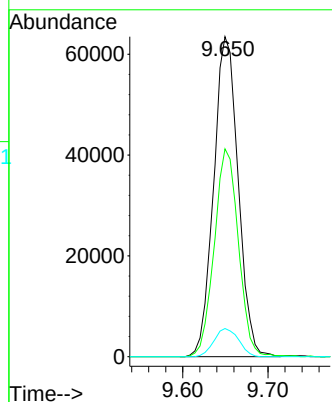
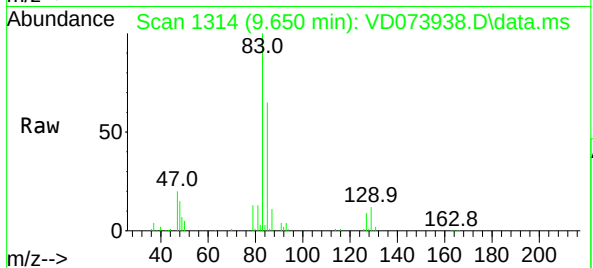
Tgt Ion: 83 Resp: 126783

Ion Ratio Lower Upper

83 100

85 65.0 51.7 77.5

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 48.640 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

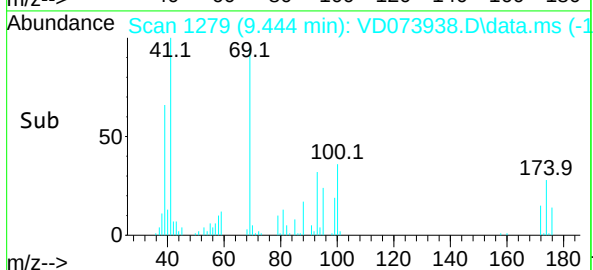
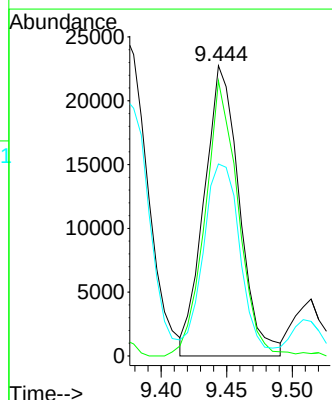
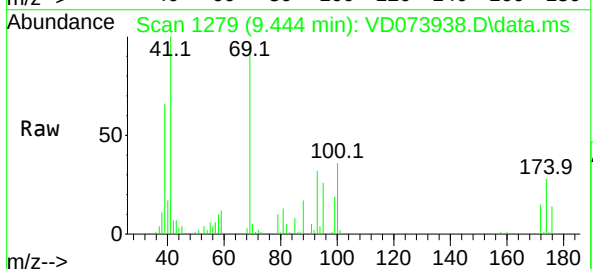
Tgt Ion: 41 Resp: 42524

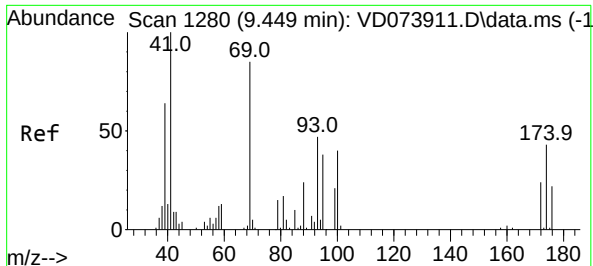
Ion Ratio Lower Upper

41 100

69 88.7 68.3 102.5

39 69.0 48.7 73.1





#49

1,4-Dioxane

Concen: 939.084 ug/l

RT: 9.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

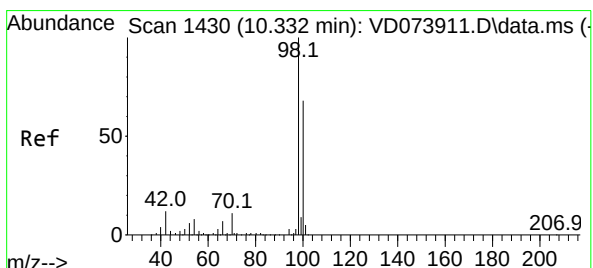
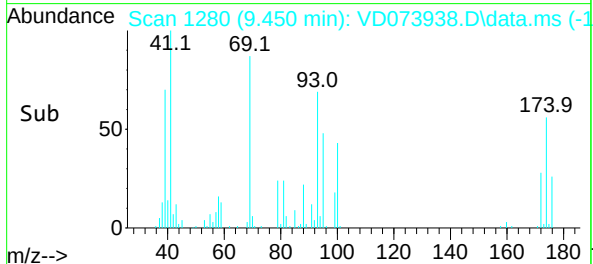
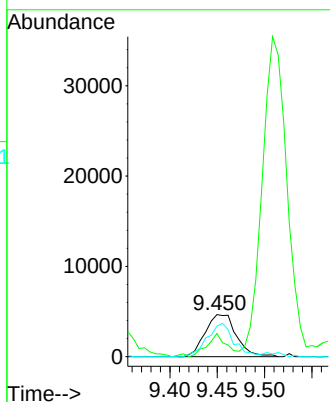
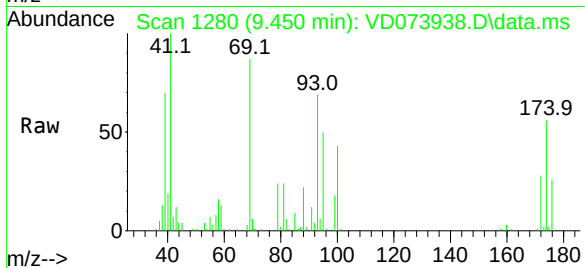
Tgt Ion: 88 Resp: 10677

Ion Ratio Lower Upper

88 100

43 36.2 27.4 41.0

58 67.2 51.9 77.9



#50

Toluene-d8

Concen: 43.473 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073938.D

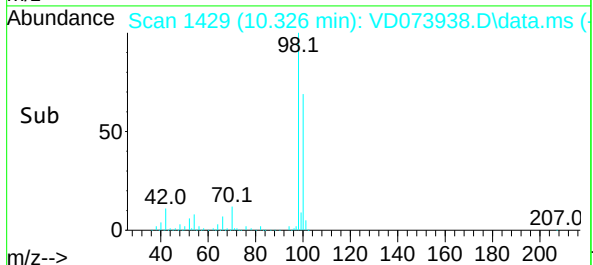
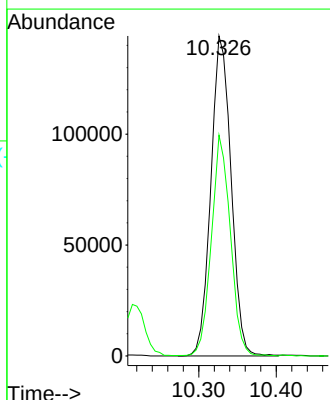
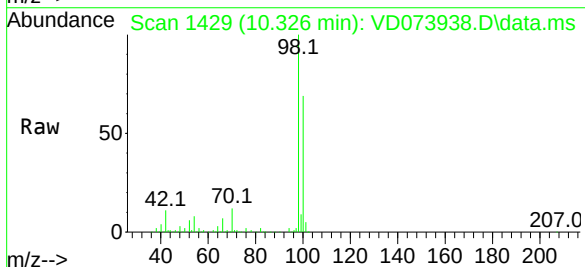
Acq: 03 Aug 2022 11:41

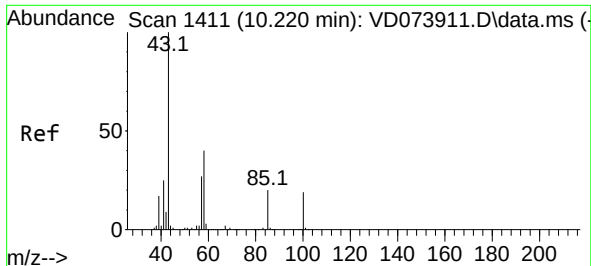
Tgt Ion: 98 Resp: 261178

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

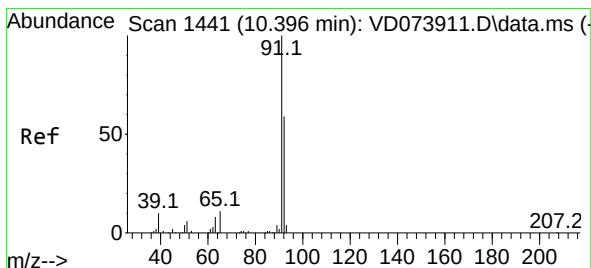
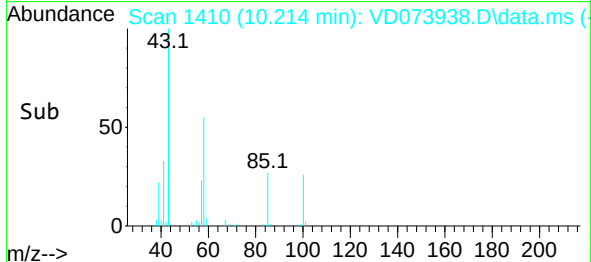
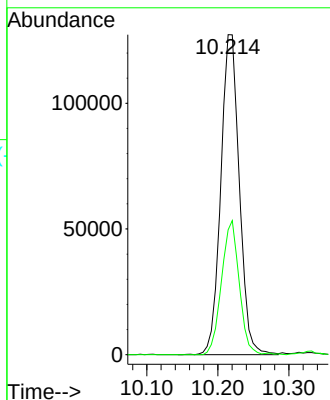
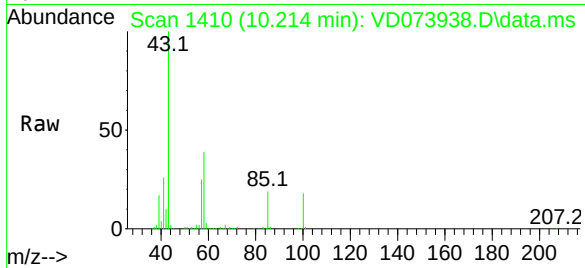




#51
4-Methyl-2-Pentanone
Concen: 246.402 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

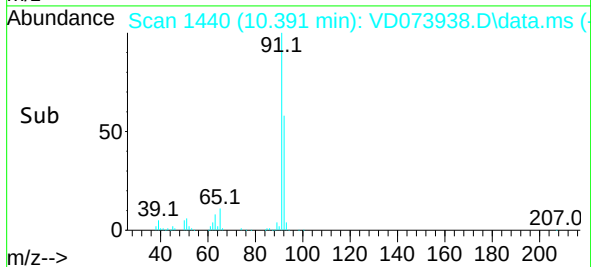
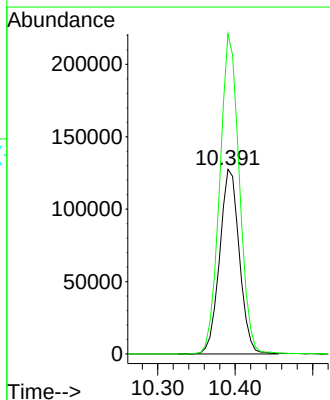
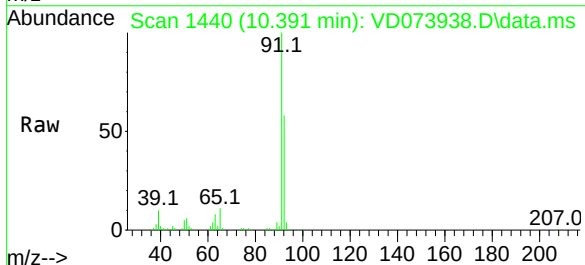
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

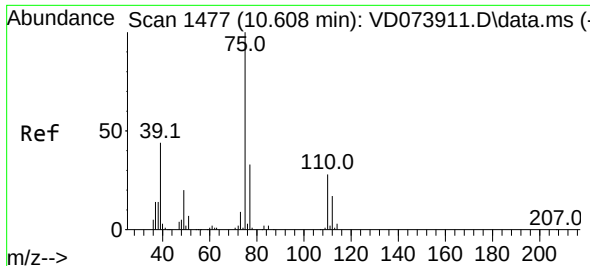
Tgt Ion: 43 Resp: 230463
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1



#52
Toluene
Concen: 47.551 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 92 Resp: 225539
Ion Ratio Lower Upper
92 100
91 172.8 137.7 206.5

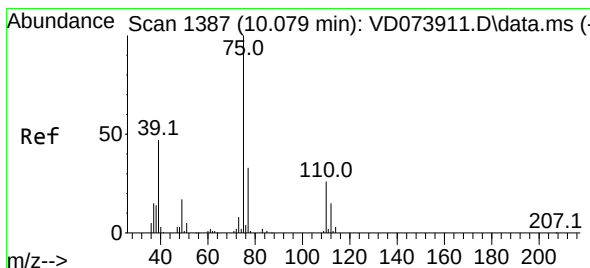
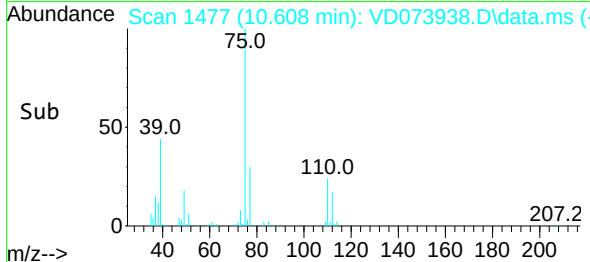
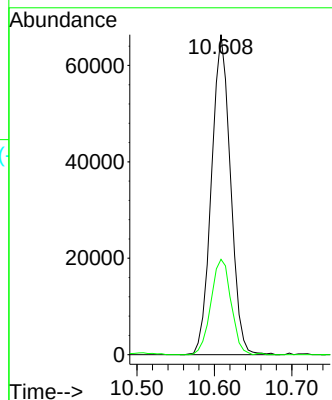
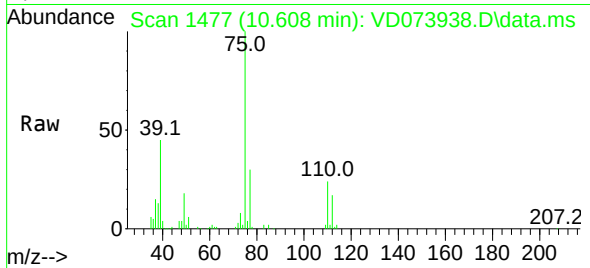




#53
t-1,3-Dichloropropene
Concen: 46.155 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

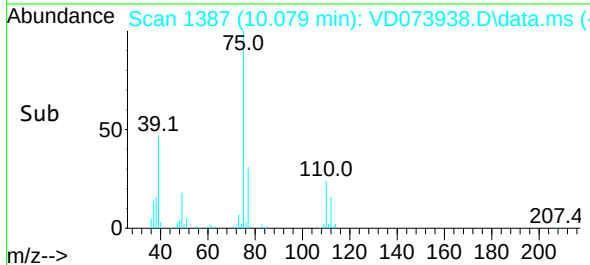
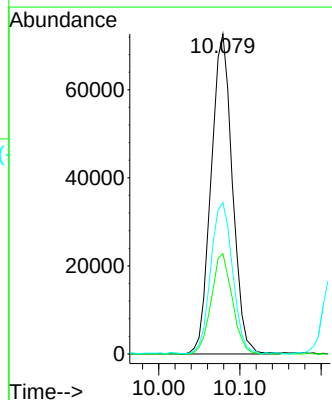
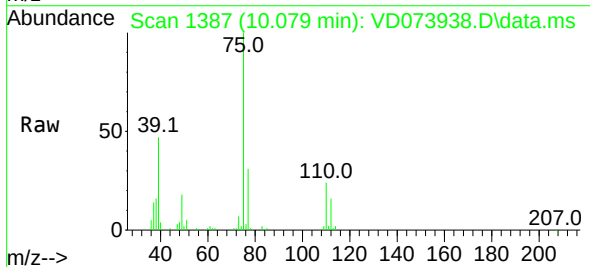
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

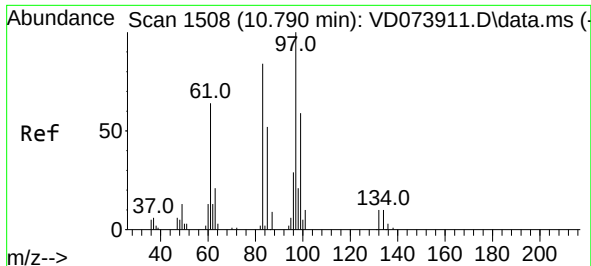
Tgt Ion: 75 Resp: 113537
Ion Ratio Lower Upper
75 100
77 29.8 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 47.472 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 75 Resp: 132205
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
39 47.1 37.8 56.6

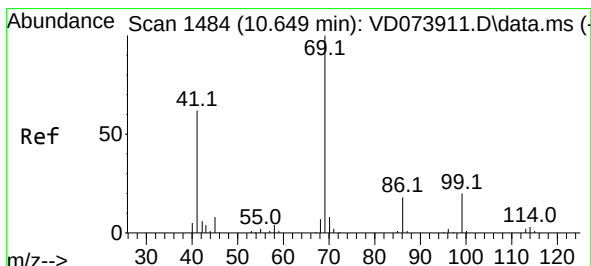
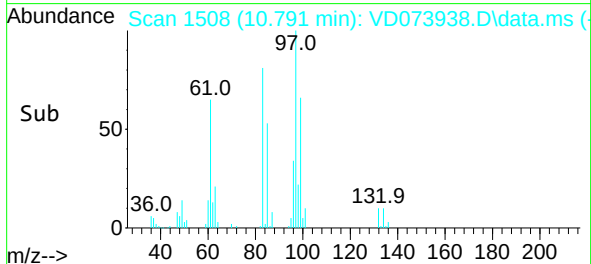
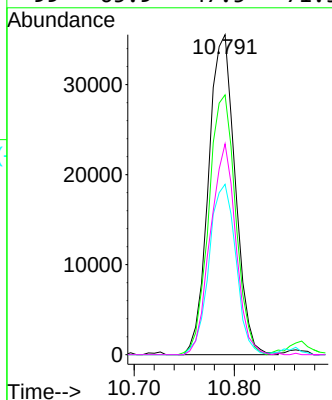
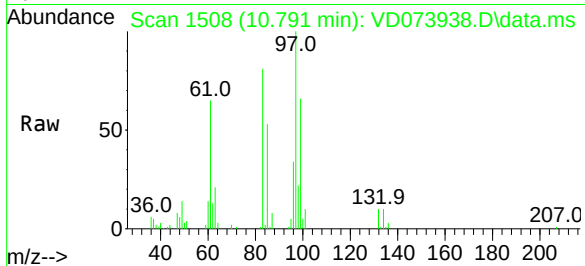




#55
1,1,2-Trichloroethane
Concen: 47.261 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

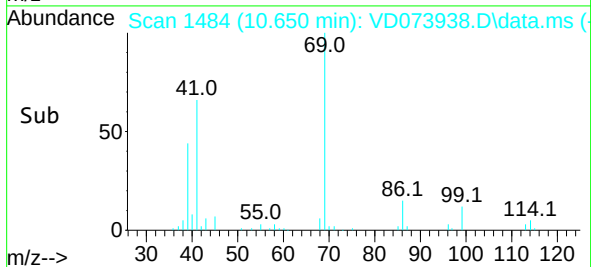
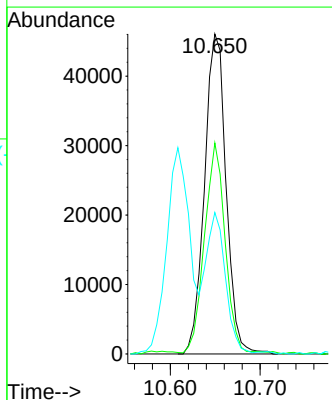
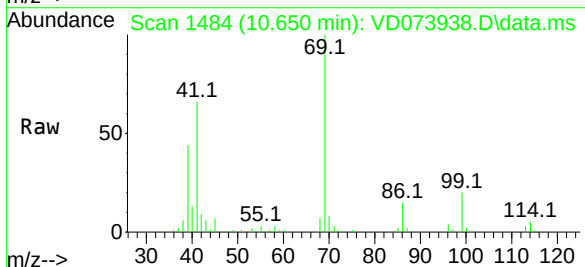
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

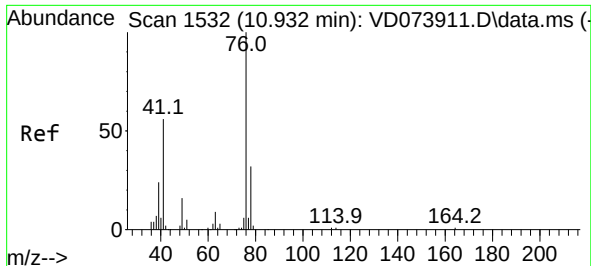
Tgt Ion:	97	Resp:	65576
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.0	100.4
85	53.2	41.8	62.6
99	65.9	47.5	71.3



#56
Ethyl methacrylate
Concen: 48.740 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:	69	Resp:	76999
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.9	77.9
39	39.2	32.1	48.1





#57

1,3-Dichloropropane

Concen: 47.797 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

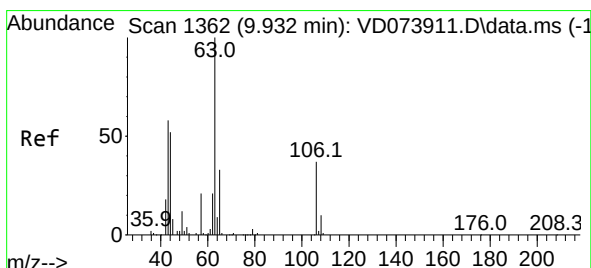
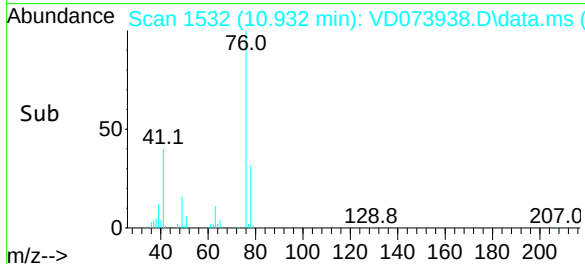
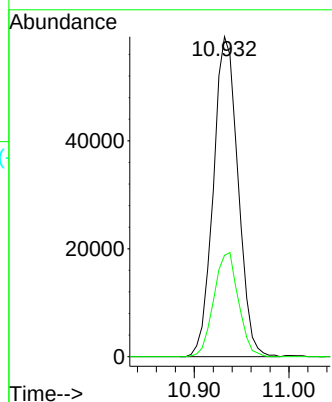
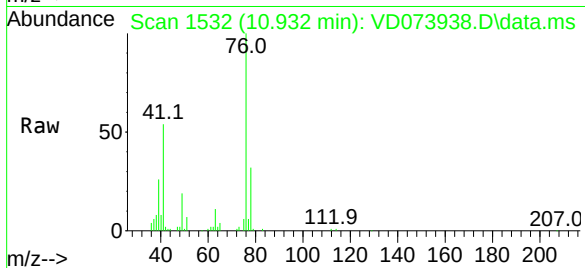
VSTDCCC050

Tgt Ion: 76 Resp: 107334

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 257.006 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073938.D

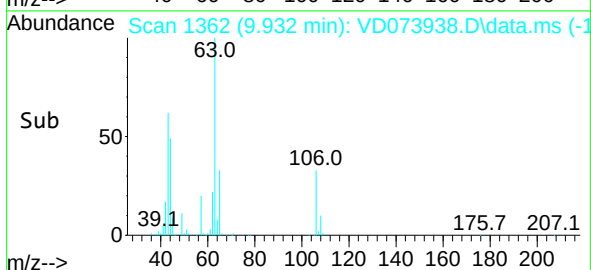
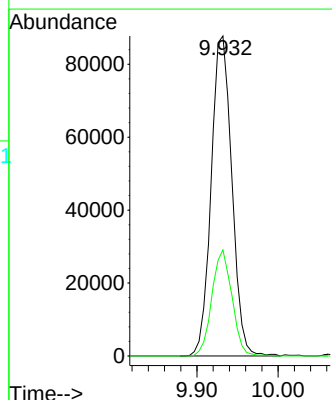
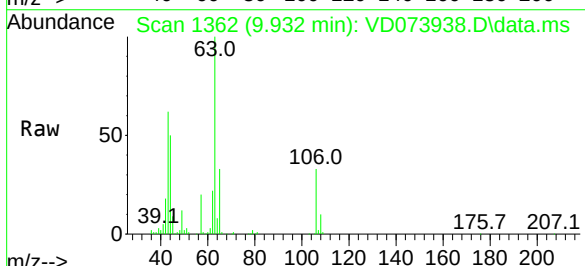
Acq: 03 Aug 2022 11:41

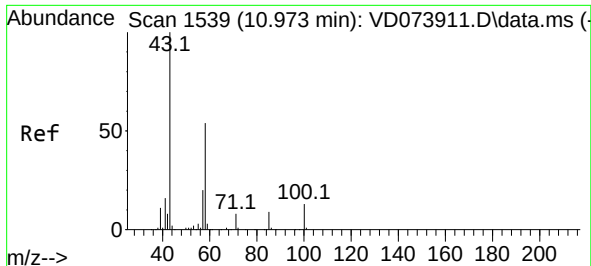
Tgt Ion: 63 Resp: 155376

Ion Ratio Lower Upper

63 100

106 32.1 26.3 39.5

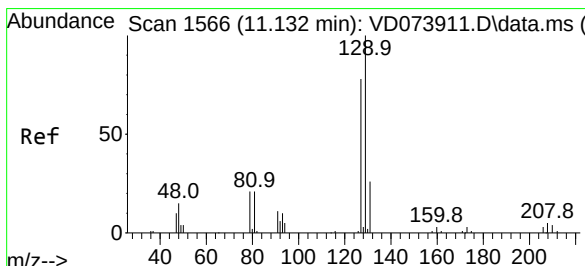
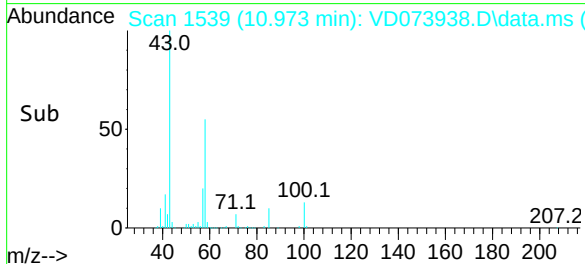
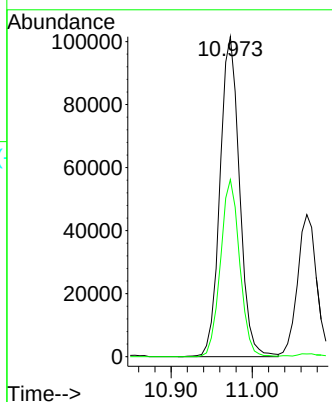
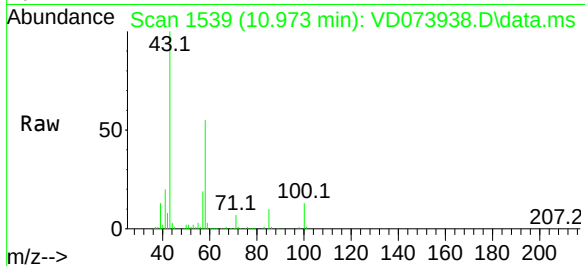




#59
2-Hexanone
Concen: 268.956 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

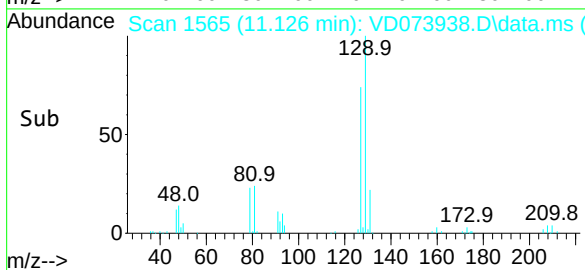
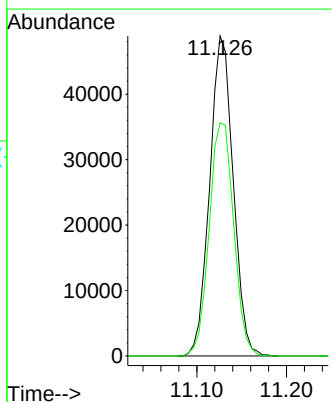
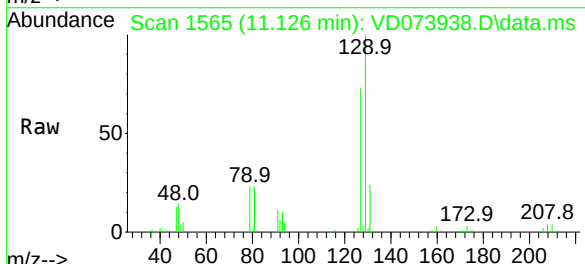
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

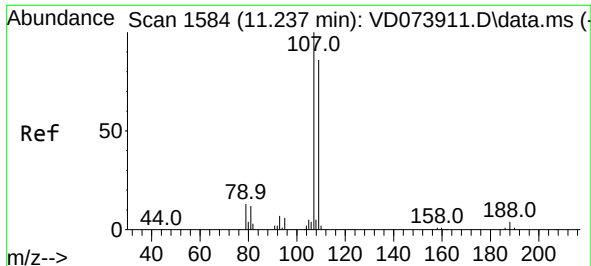
Tgt Ion: 43 Resp: 170227
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4



#60
Dibromochloromethane
Concen: 47.469 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:129 Resp: 88866
Ion Ratio Lower Upper
129 100
127 76.1 39.4 118.2

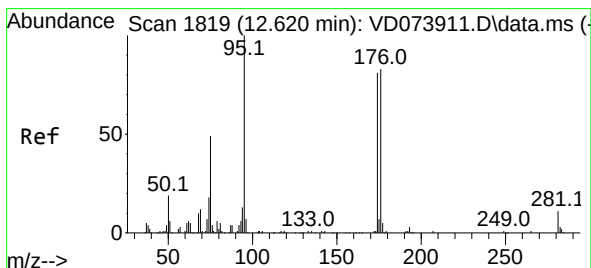
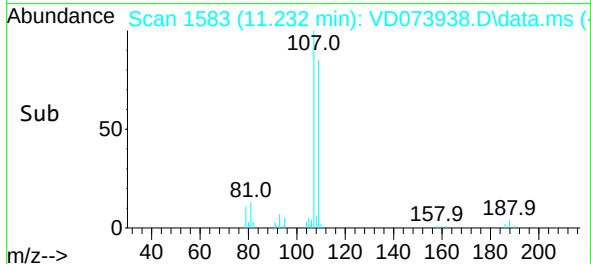
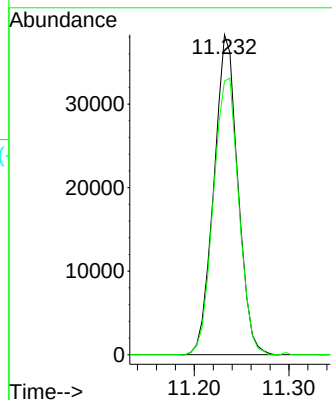
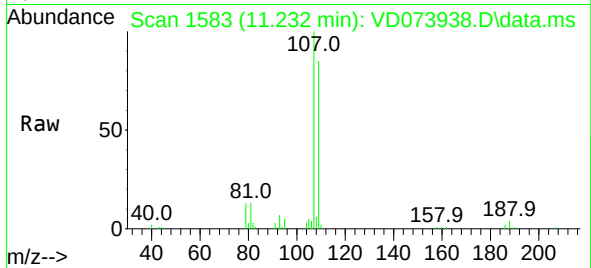




#61
1,2-Dibromoethane
Concen: 47.838 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

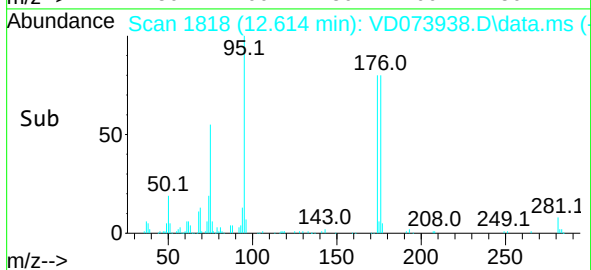
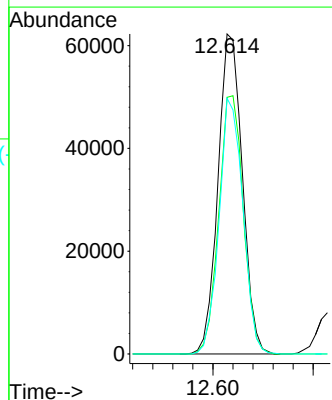
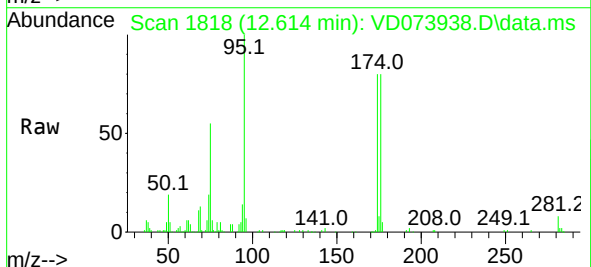
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

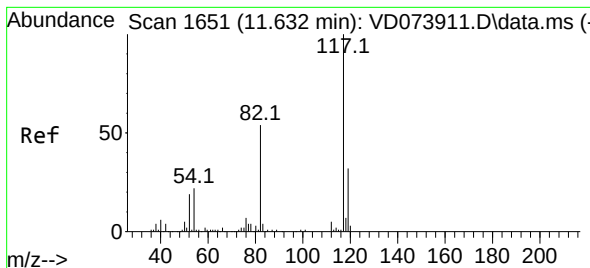
Tgt Ion:107 Resp: 67278
Ion Ratio Lower Upper
107 100
109 92.1 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 95 Resp: 104822
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.2
176 77.8 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

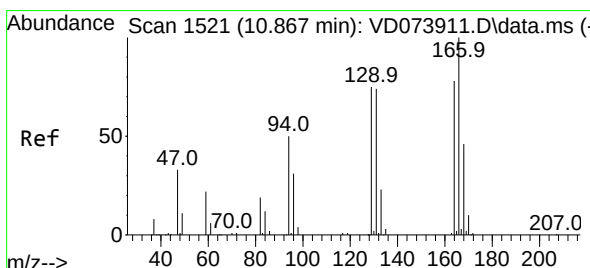
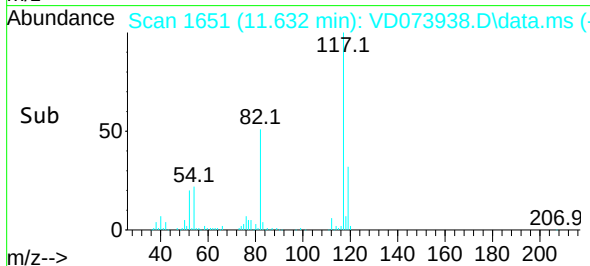
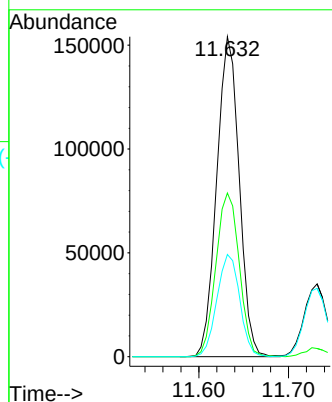
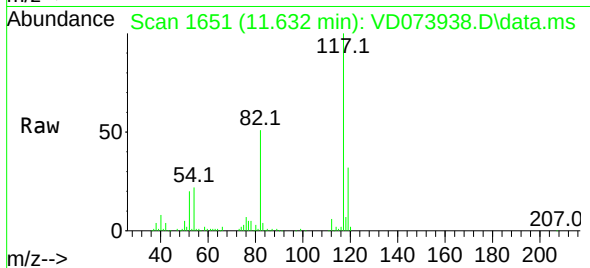
Tgt Ion:117 Resp: 268235

Ion Ratio Lower Upper

117 100

82 51.2 43.3 64.9

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 42.798 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Tgt Ion:164 Resp: 81698

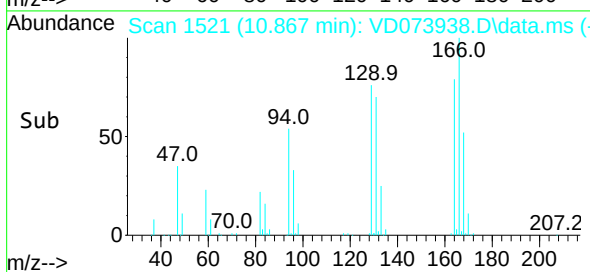
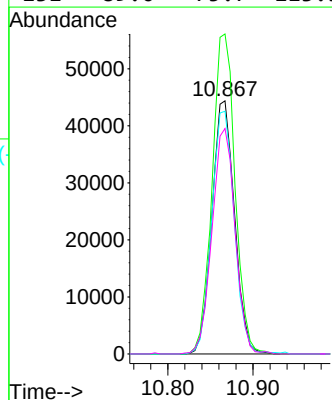
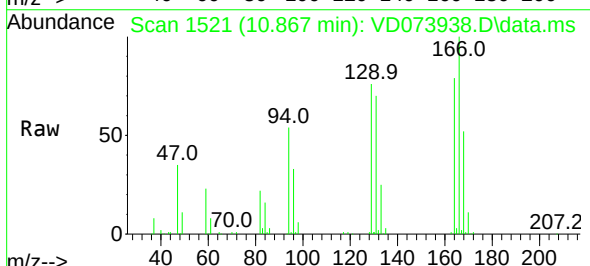
Ion Ratio Lower Upper

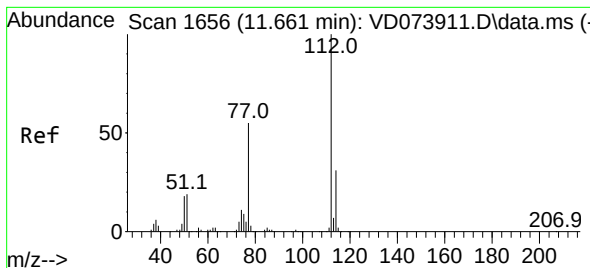
164 100

166 126.4 102.3 153.5

129 95.9 76.6 115.0

131 89.0 75.7 113.5

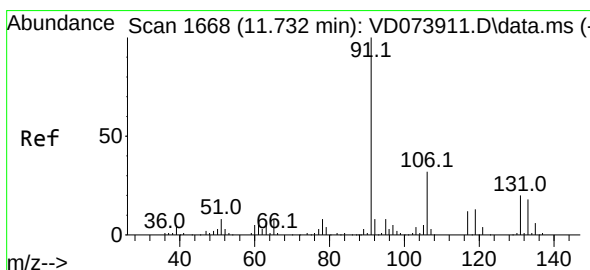
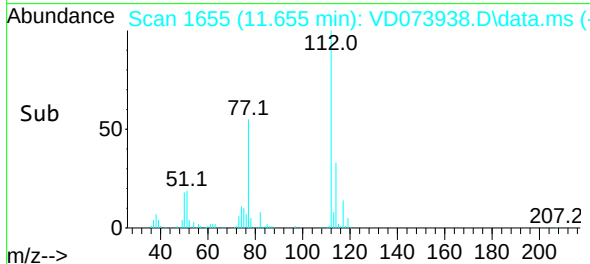
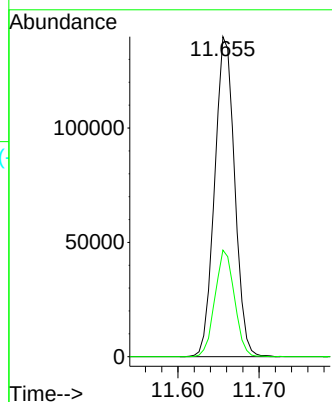
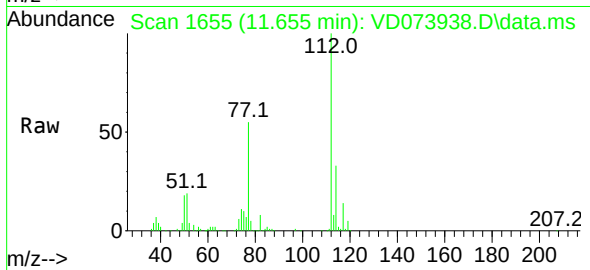




#65
Chlorobenzene
Concen: 45.152 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

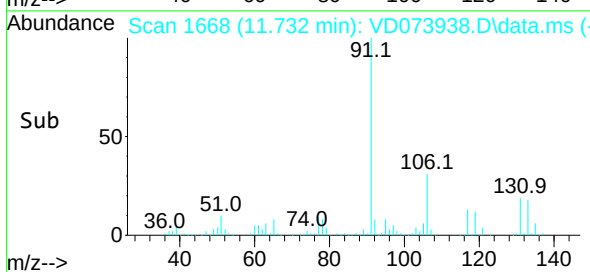
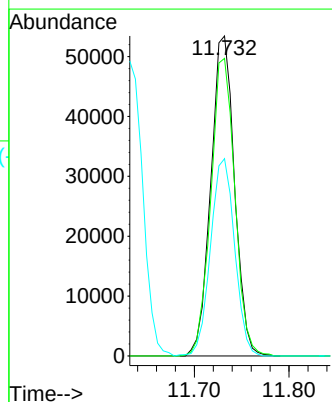
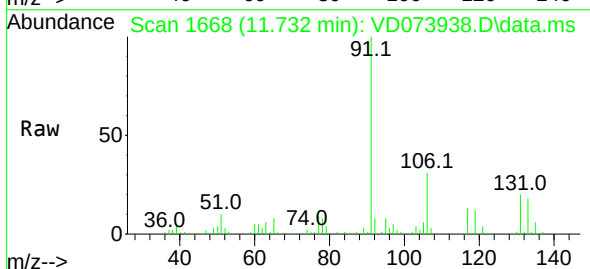
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

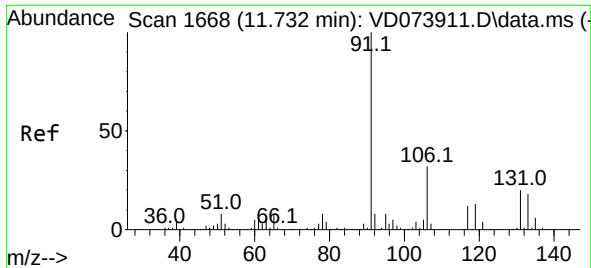
Tgt Ion:112 Resp: 240100
Ion Ratio Lower Upper
112 100
114 33.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.632 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:131 Resp: 92949
Ion Ratio Lower Upper
131 100
133 94.3 46.3 138.9
119 62.7 31.4 94.2

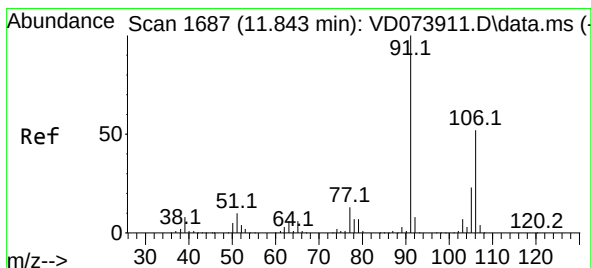
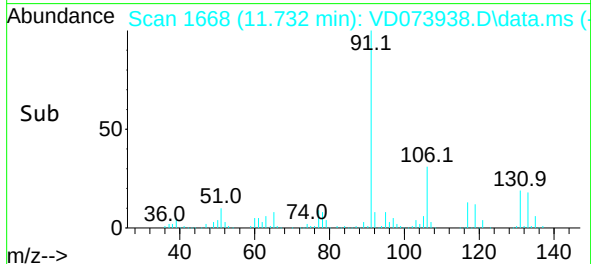
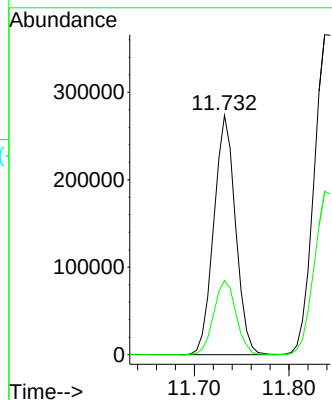
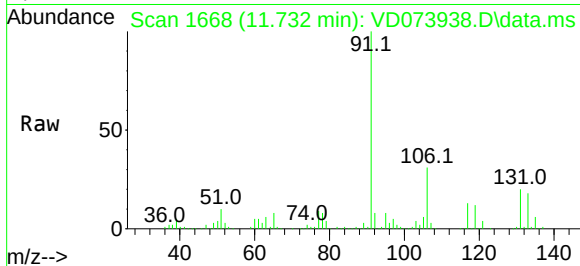




#67
Ethyl Benzene
Concen: 46.442 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

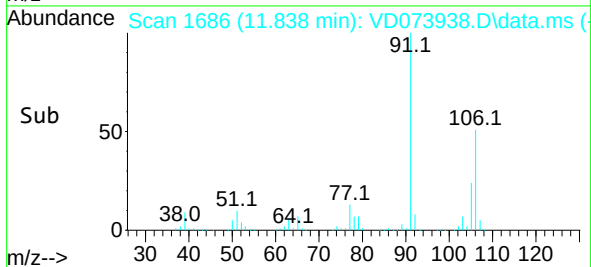
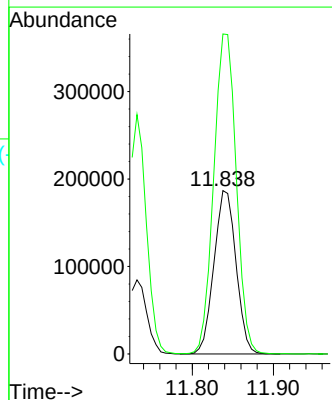
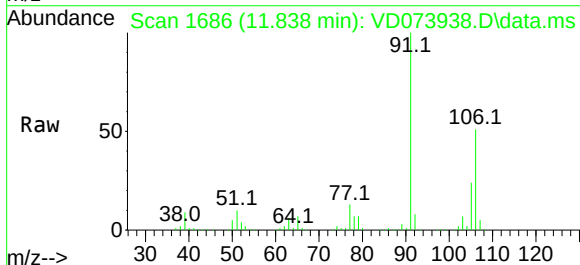
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

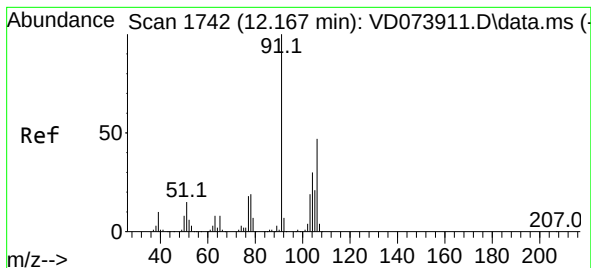
Tgt Ion: 91 Resp: 436183
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6



#68
m/p-Xylenes
Concen: 94.819 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 106 Resp: 353034
Ion Ratio Lower Upper
106 100
91 199.4 156.6 234.8





#69

o-Xylene

Concen: 45.656 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

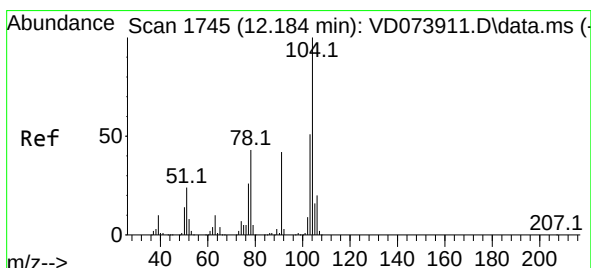
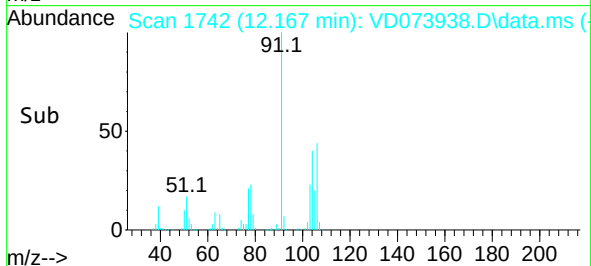
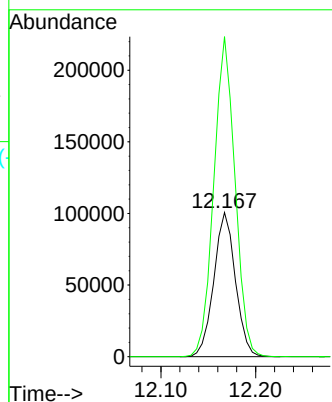
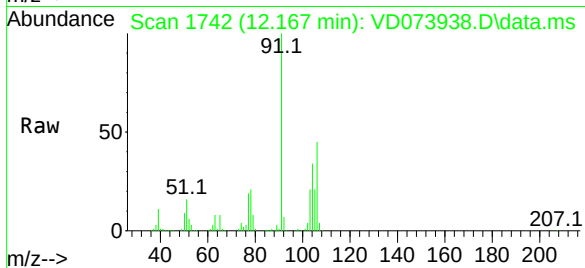
VSTDCCC050

Tgt Ion:106 Resp: 159210

Ion Ratio Lower Upper

106 100

91 218.2 106.1 318.1



#70

Styrene

Concen: 48.012 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

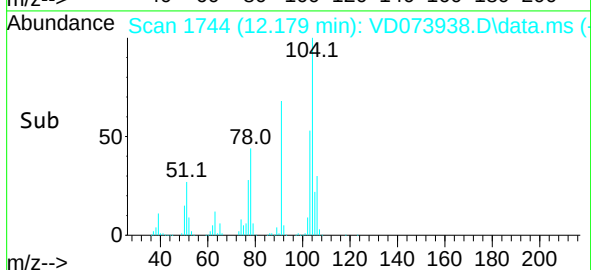
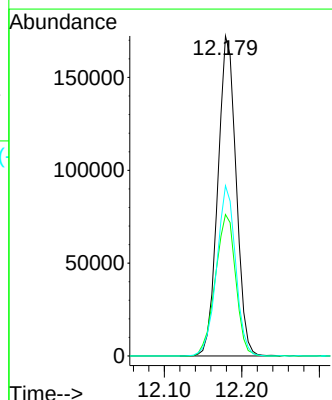
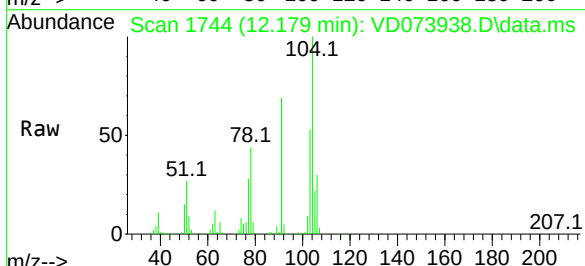
Tgt Ion:104 Resp: 282789

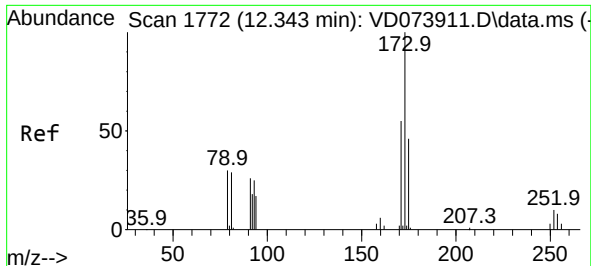
Ion Ratio Lower Upper

104 100

78 49.2 39.0 58.4

103 55.0 43.8 65.6

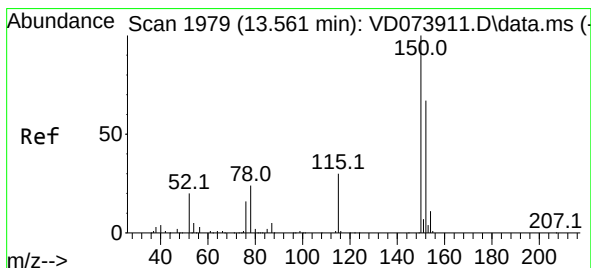
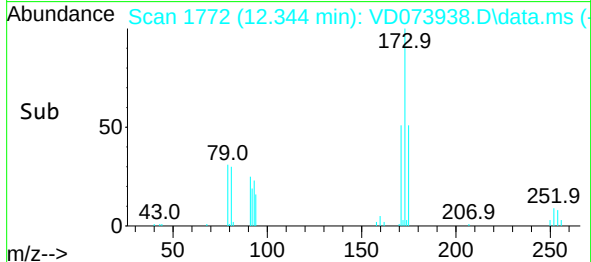
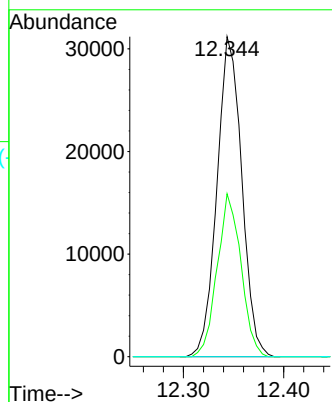
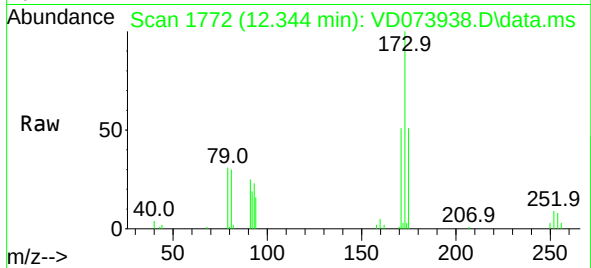




#71
Bromoform
Concen: 47.850 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

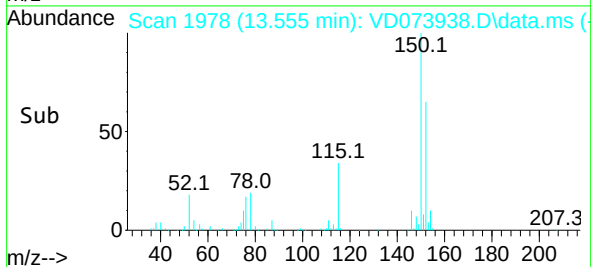
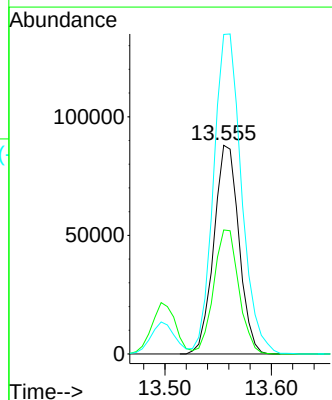
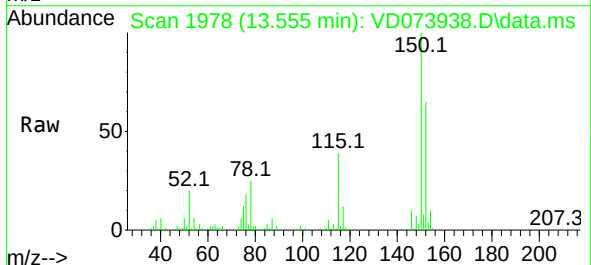
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

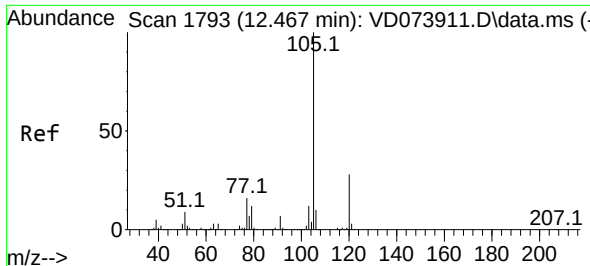
Tgt Ion:173 Resp: 53531
Ion Ratio Lower Upper
173 100
175 48.8 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:152 Resp: 143721
Ion Ratio Lower Upper
152 100
115 59.6 29.1 87.3
150 171.1 0.0 338.2

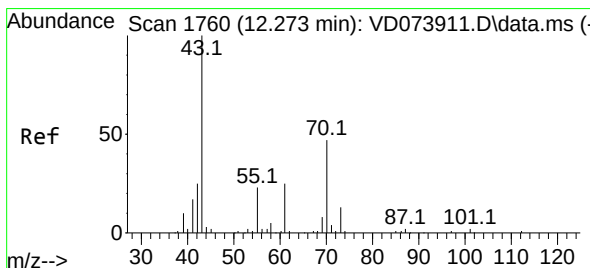
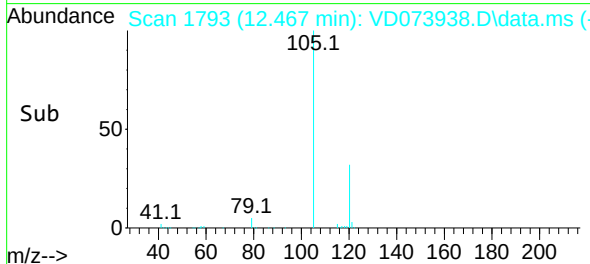
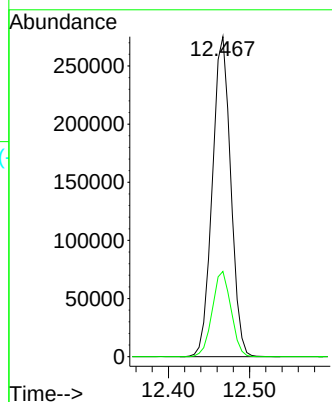
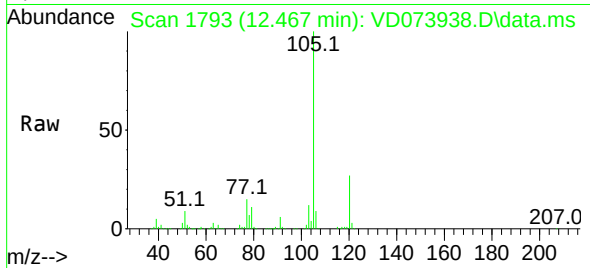




#73
Isopropylbenzene
Concen: 43.770 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

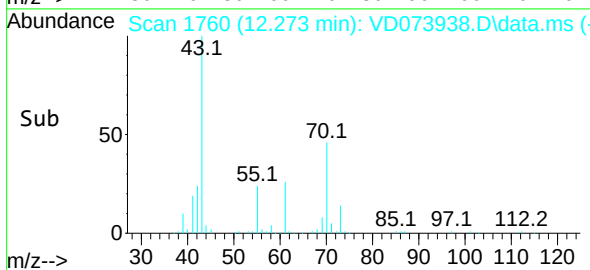
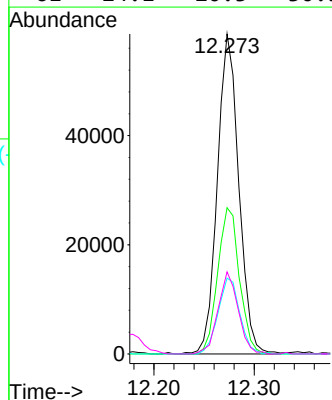
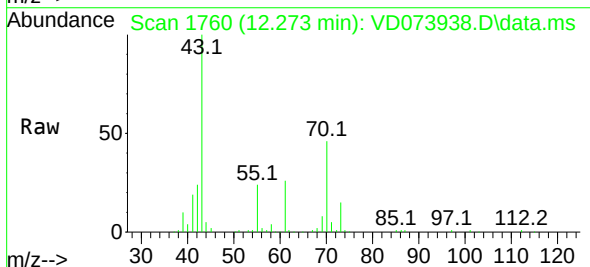
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

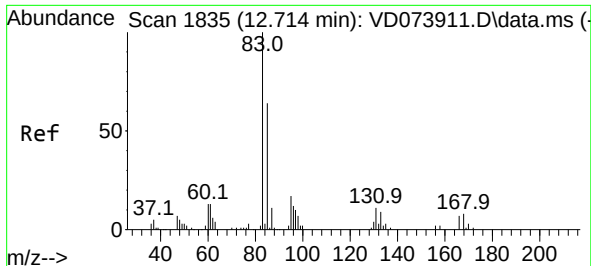
Tgt Ion:105 Resp: 433753
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 43.860 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 43 Resp: 87038
Ion Ratio Lower Upper
43 100
70 46.4 37.1 55.7
55 24.0 19.5 29.3
61 24.1 20.3 30.5

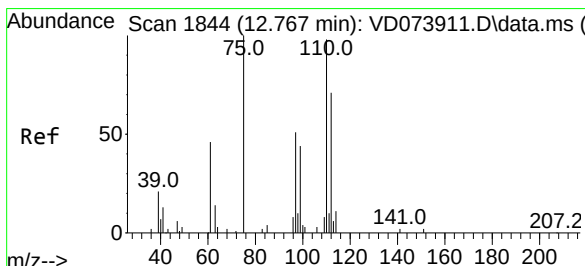
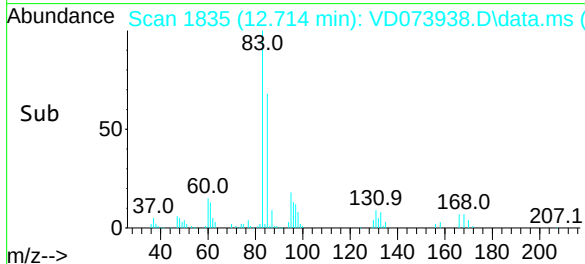
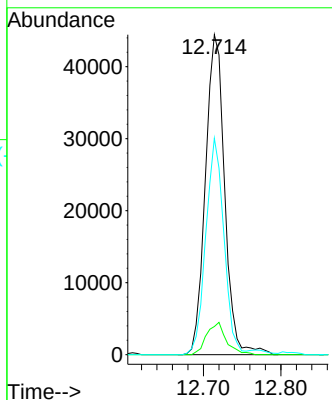
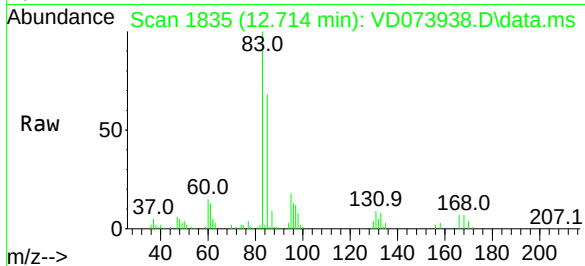




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.456 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

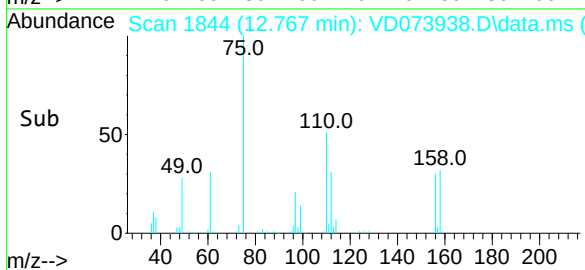
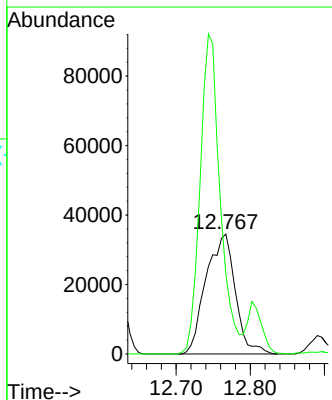
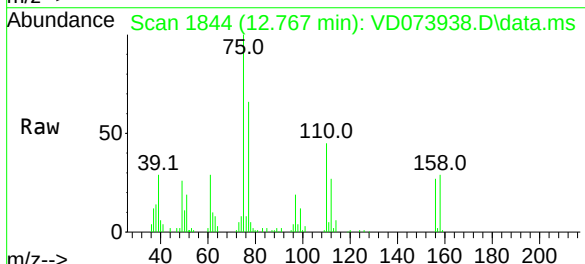
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

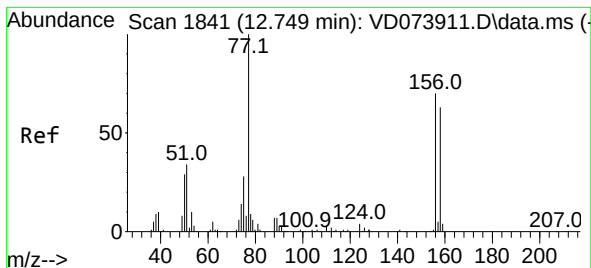
Tgt Ion: 83 Resp: 76736
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.9 17.6
 85 63.6 33.4 100.1



#76
 1,2,3-Trichloropropane
 Concen: 89.926 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion: 75 Resp: 94972
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.213 ug/l

RT: 12.744 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

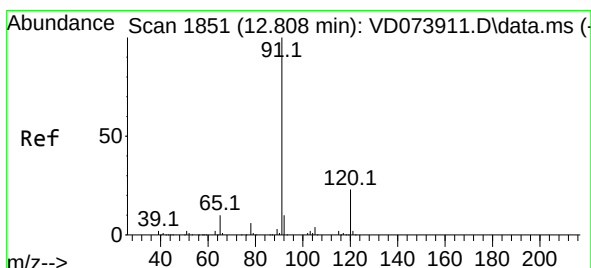
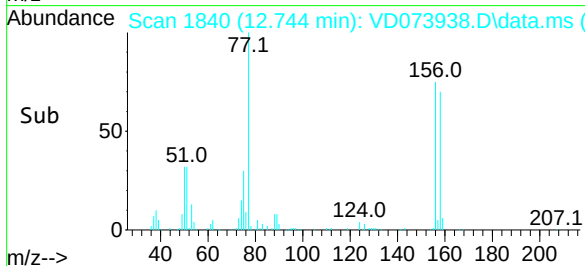
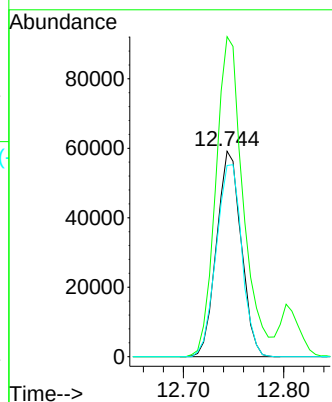
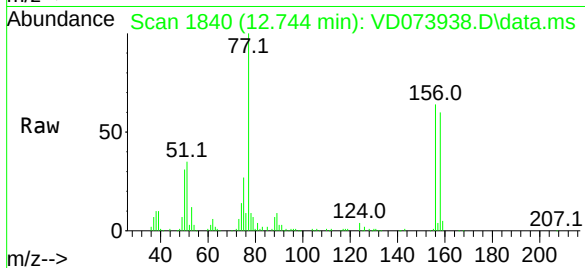
Tgt Ion:156 Resp: 100807

Ion Ratio Lower Upper

156 100

77 171.6 84.4 253.1

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 44.994 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073938.D

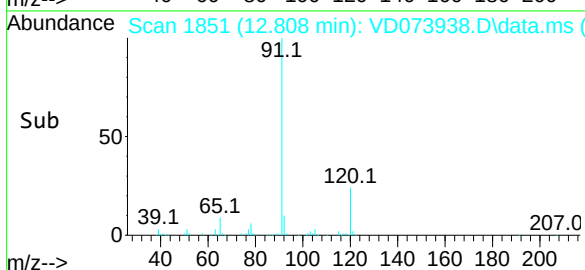
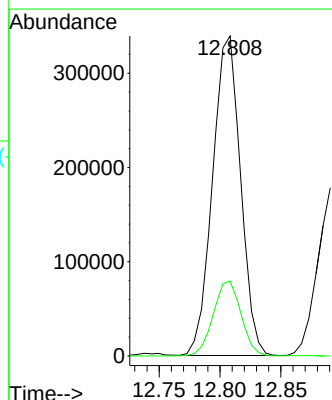
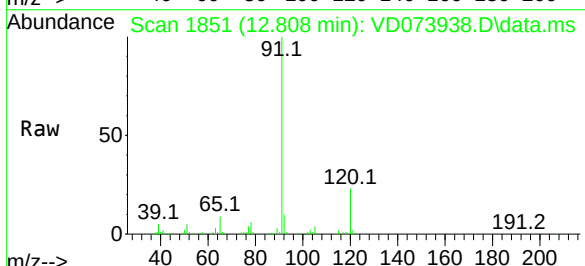
Acq: 03 Aug 2022 11:41

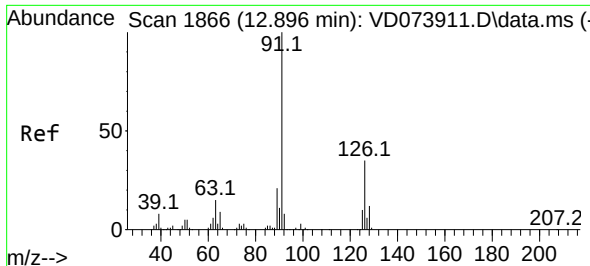
Tgt Ion: 91 Resp: 542243

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.7

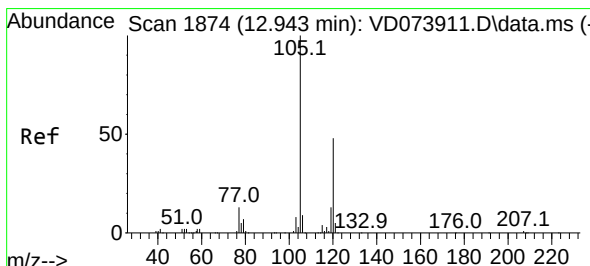
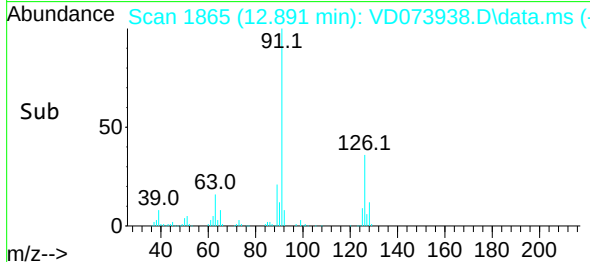
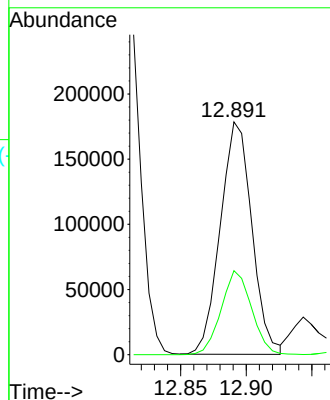
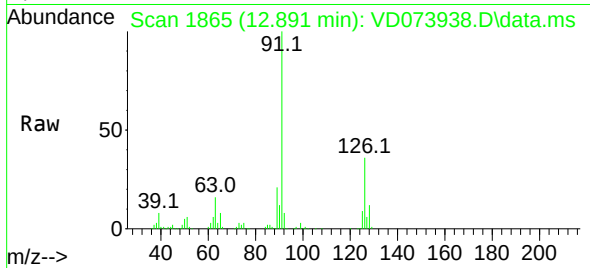




#79
2-Chlorotoluene
Concen: 43.338 ug/l
RT: 12.891 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

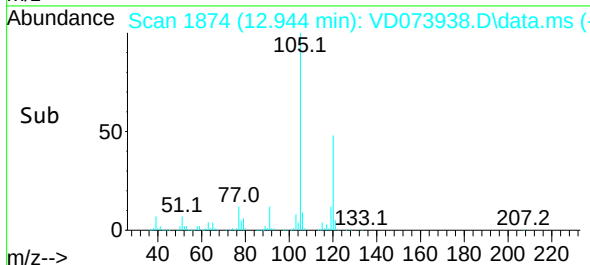
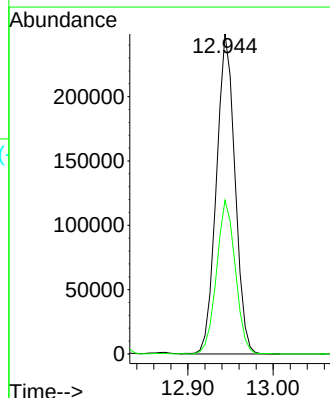
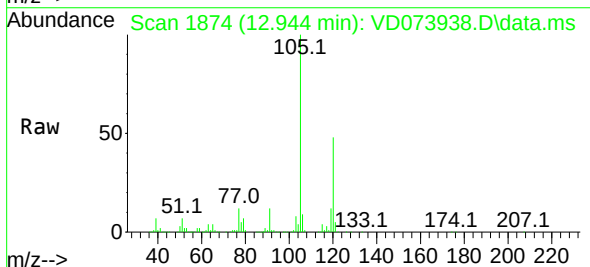
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

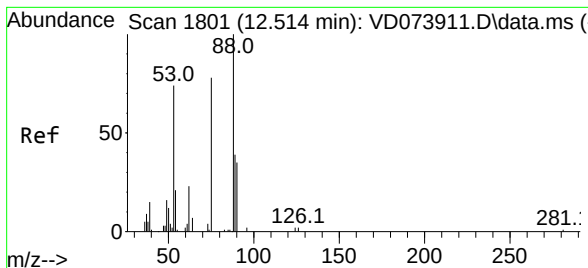
Tgt Ion: 91 Resp: 298771
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.729 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:105 Resp: 376578
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.6

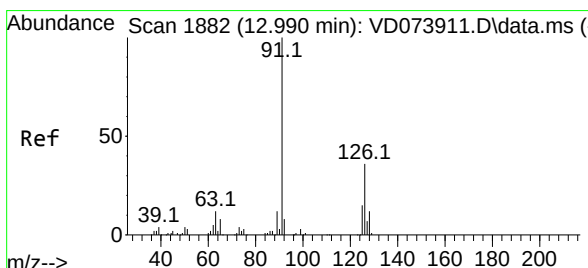
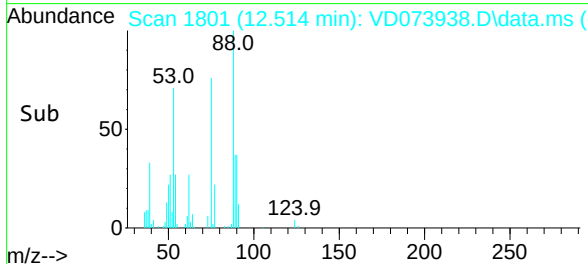
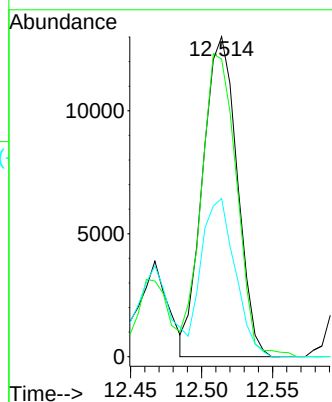
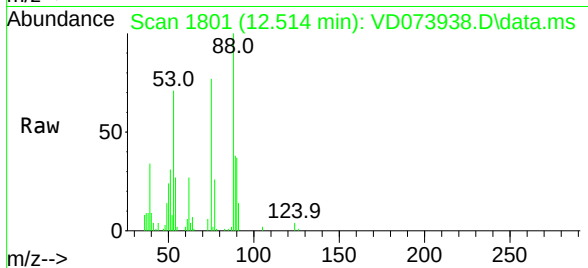




#81
trans-1,4-Dichloro-2-butene
Concen: 43.767 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

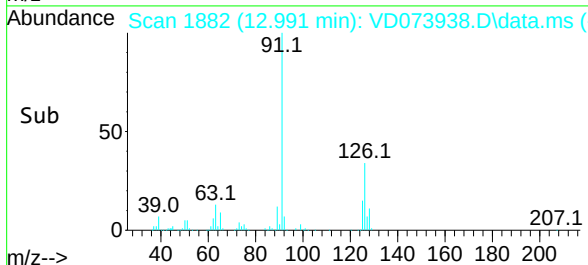
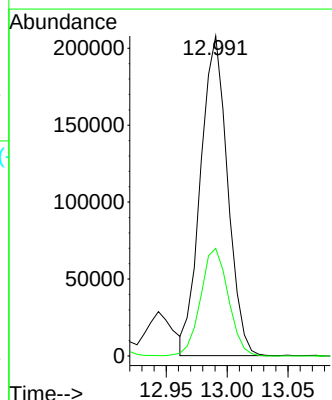
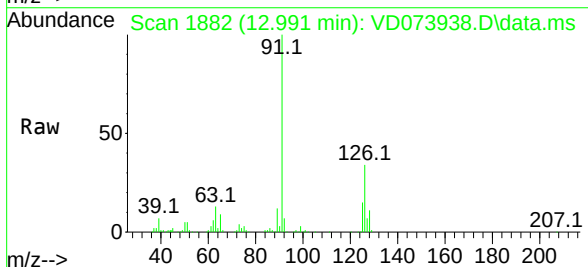
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

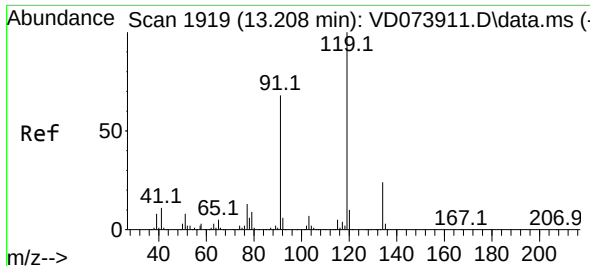
Tgt Ion: 75 Resp: 21925
Ion Ratio Lower Upper
75 100
53 96.8 71.6 107.4
89 48.2 39.8 59.6



#82
4-Chlorotoluene
Concen: 44.419 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 91 Resp: 320992
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

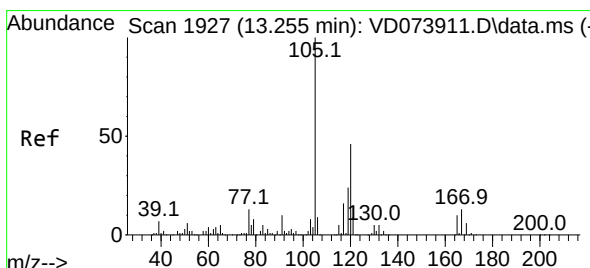
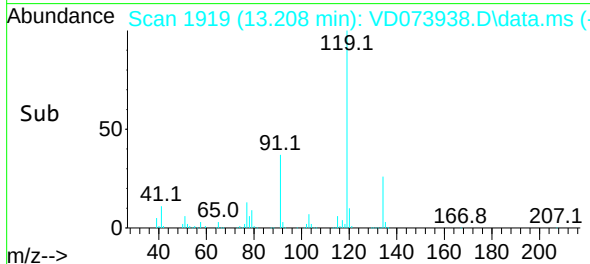
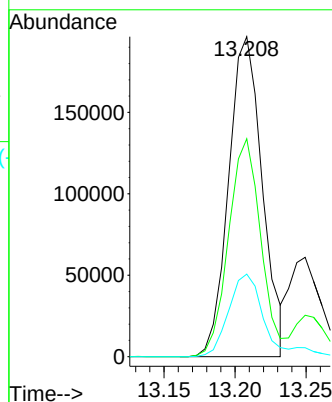
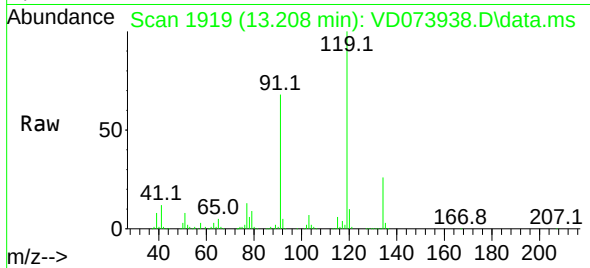




#83
 tert-Butylbenzene
 Concen: 44.201 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

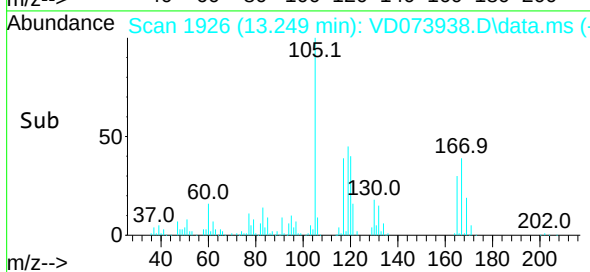
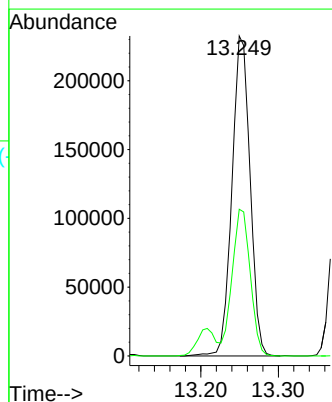
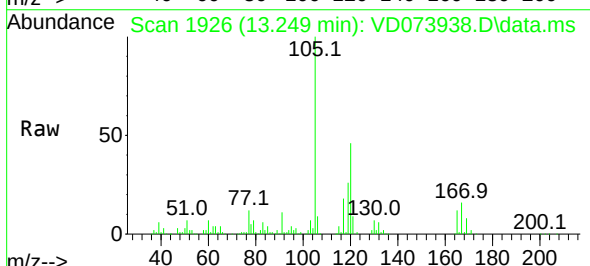
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

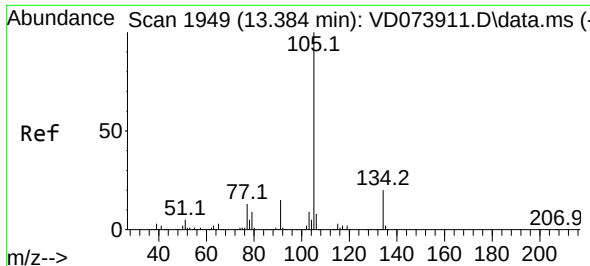
Tgt Ion:119 Resp: 324018
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.2 99.6
 134 27.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 45.431 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. -0.006 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion:105 Resp: 377863
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.4

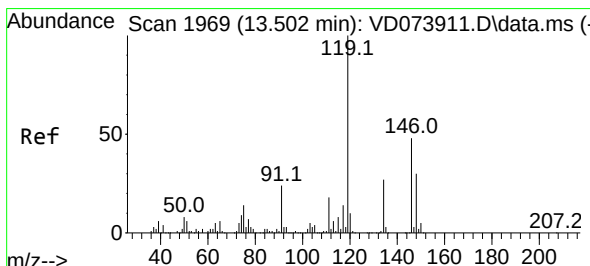
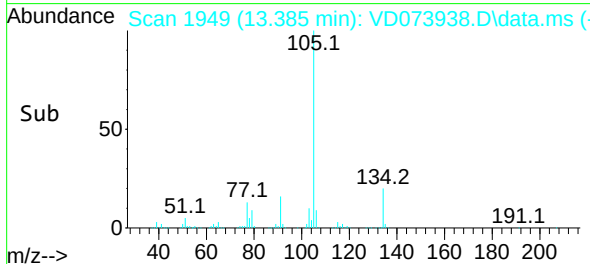
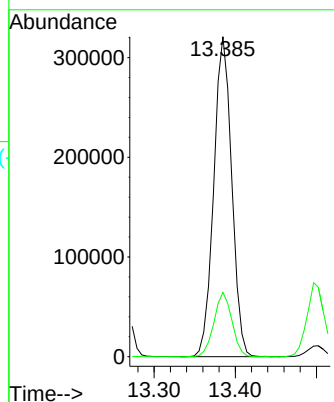
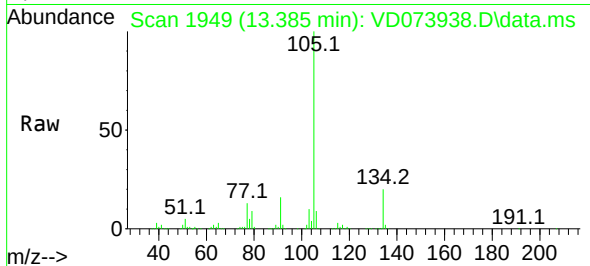




#85
 sec-Butylbenzene
 Concen: 44.430 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

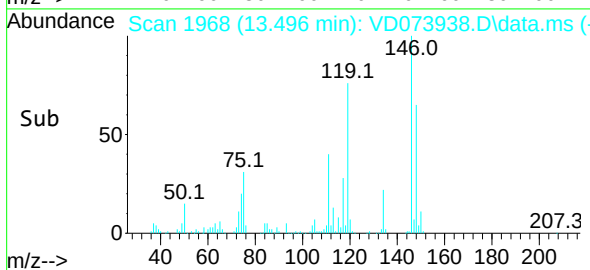
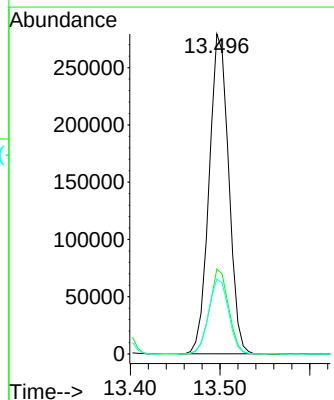
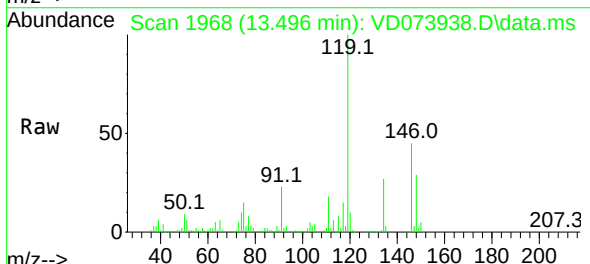
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

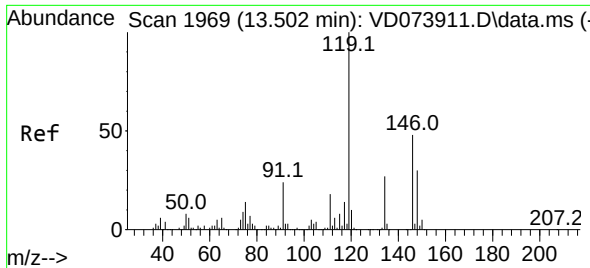
Tgt Ion:105 Resp: 492812
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 45.294 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion:119 Resp: 422007
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 23.9 12.0 36.0

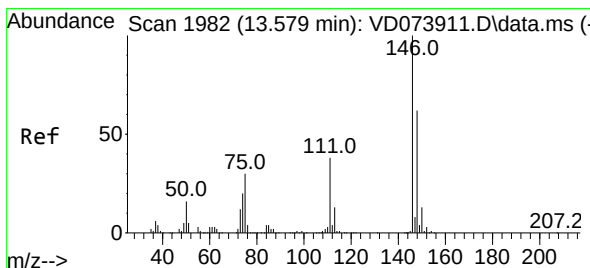
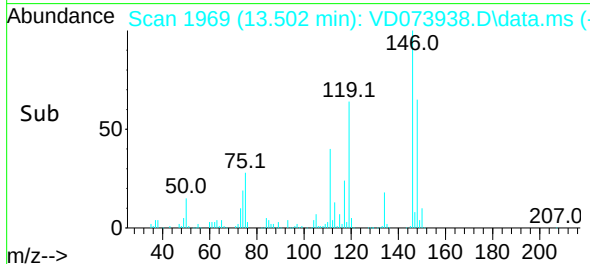
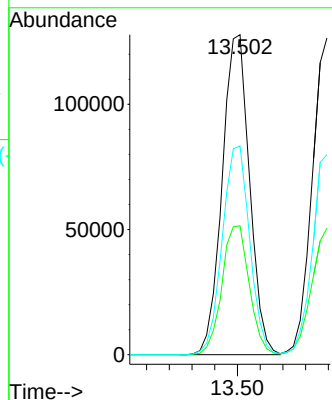
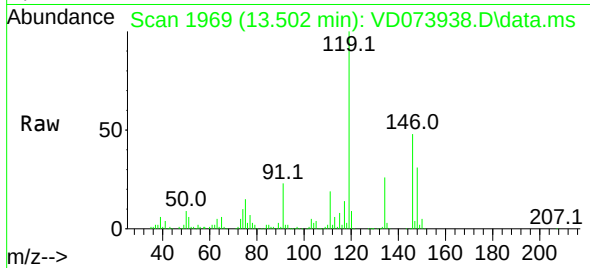




#87
 1,3-Dichlorobenzene
 Concen: 43.857 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

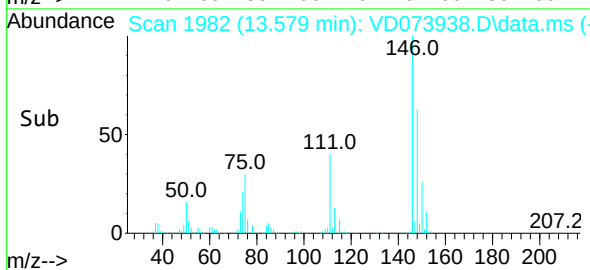
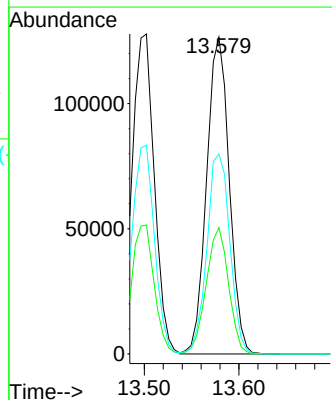
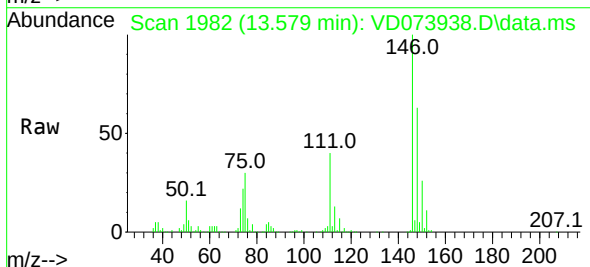
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

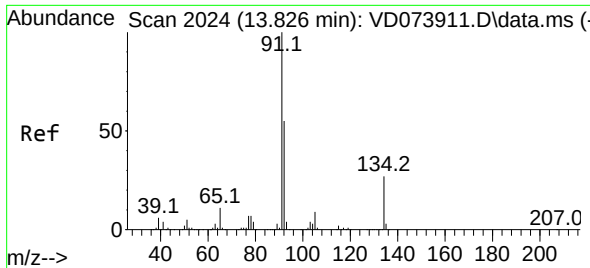
Tgt Ion:146 Resp: 213647
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 65.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 43.576 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073938.D
 Acq: 03 Aug 2022 11:41

Tgt Ion:146 Resp: 210275
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.4
 148 64.2 31.7 95.1

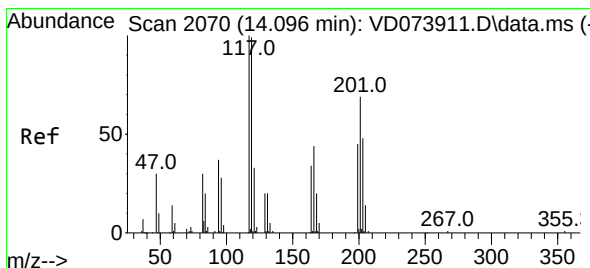
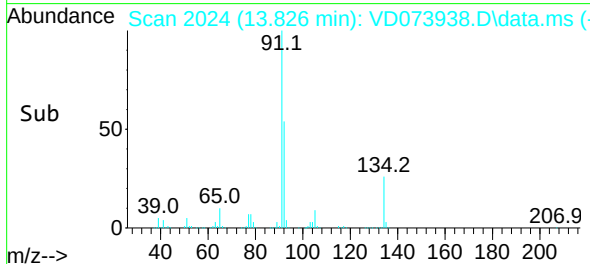
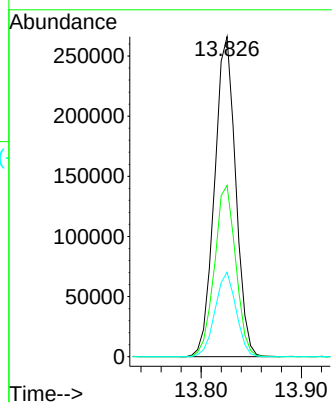
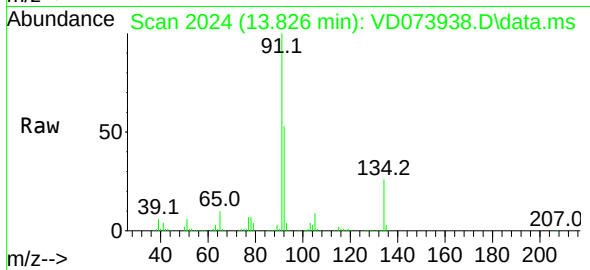




#89
n-Butylbenzene
Concen: 45.270 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

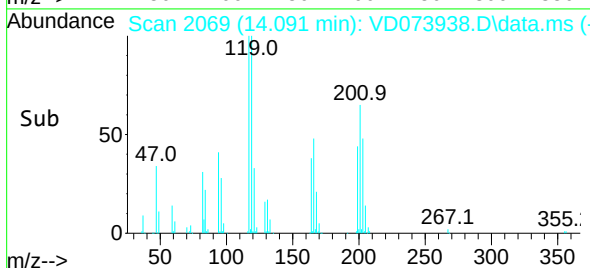
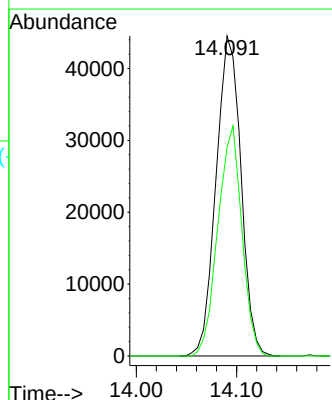
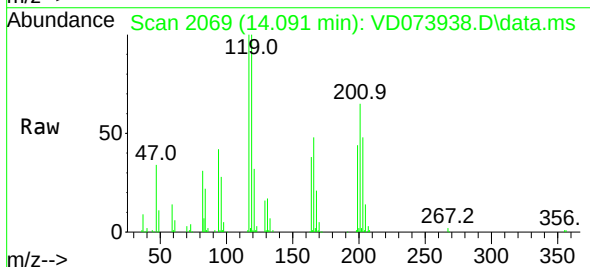
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

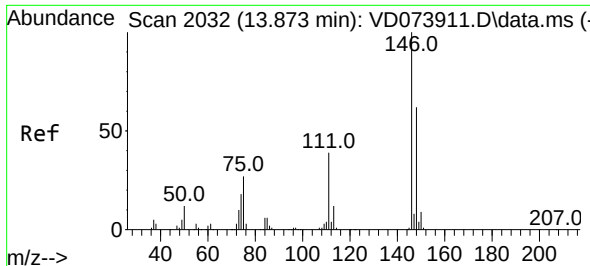
Tgt Ion: 91 Resp: 388913
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 45.026 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 117 Resp: 76877
Ion Ratio Lower Upper
117 100
201 69.2 34.2 102.6

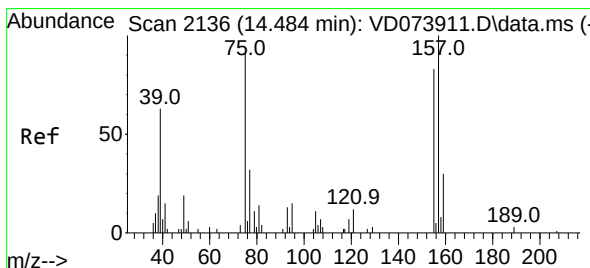
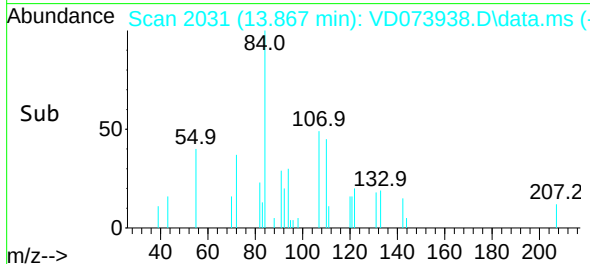
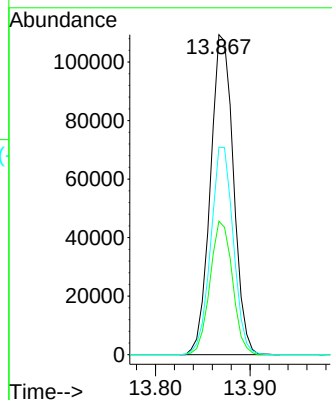
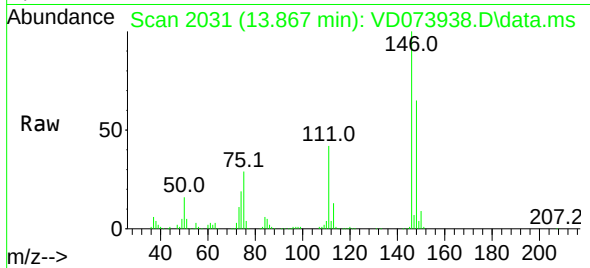




#91
1,2-Dichlorobenzene
Concen: 44.383 ug/l
RT: 13.867 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

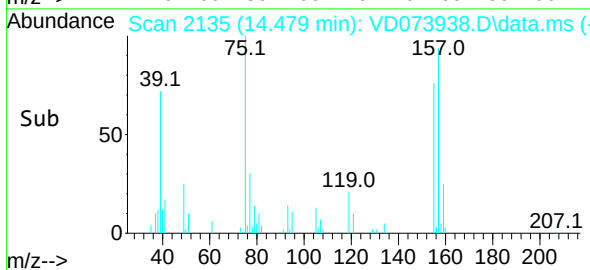
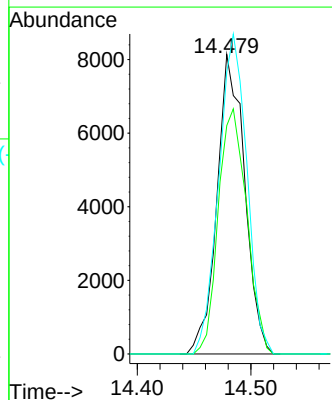
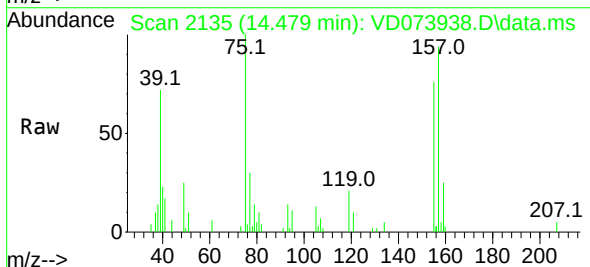
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

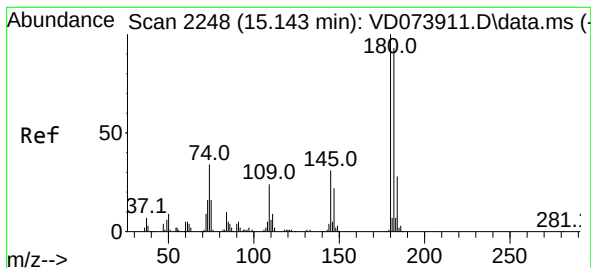
Tgt Ion:146 Resp: 184861
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.3
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.840 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion: 75 Resp: 13756
Ion Ratio Lower Upper
75 100
155 84.1 46.5 139.5
157 108.6 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 42.863 ug/l

RT: 15.138 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

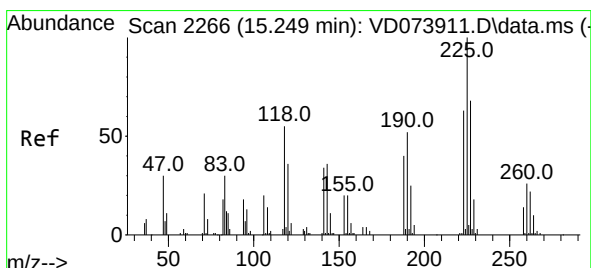
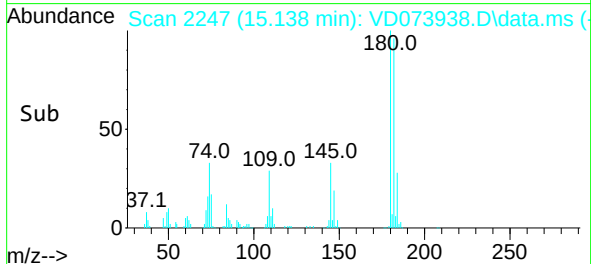
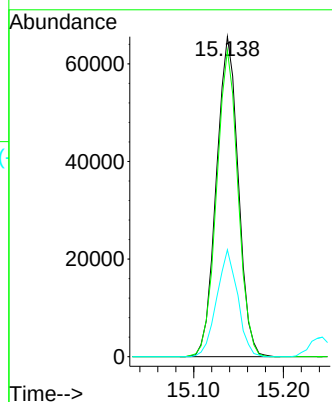
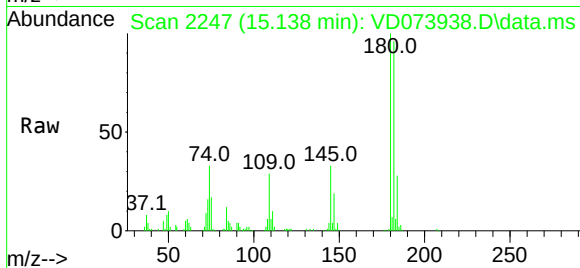
Tgt Ion:180 Resp: 111016

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.8

145 32.0 16.1 48.3



#94

Hexachlorobutadiene

Concen: 43.693 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073938.D

Acq: 03 Aug 2022 11:41

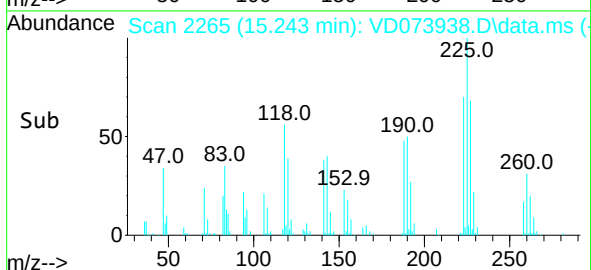
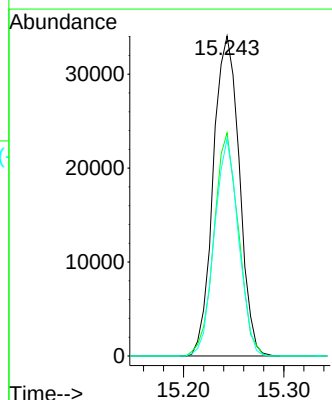
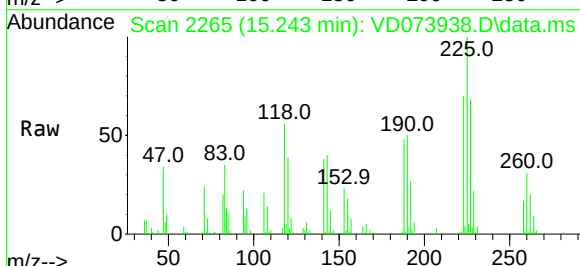
Tgt Ion:225 Resp: 61483

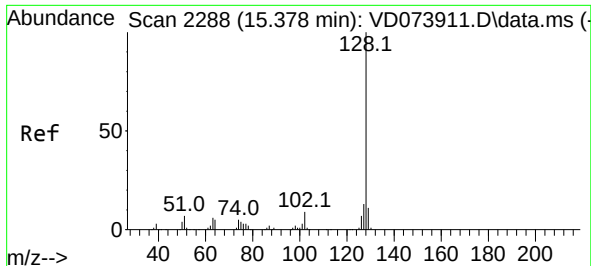
Ion Ratio Lower Upper

225 100

223 65.6 31.3 93.8

227 63.0 32.3 96.9

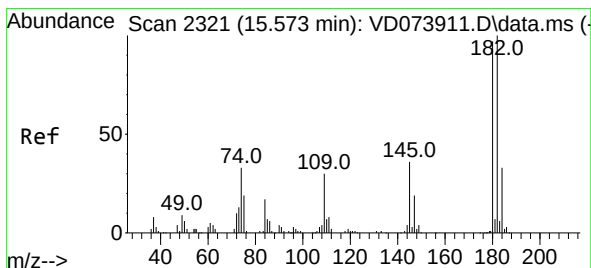
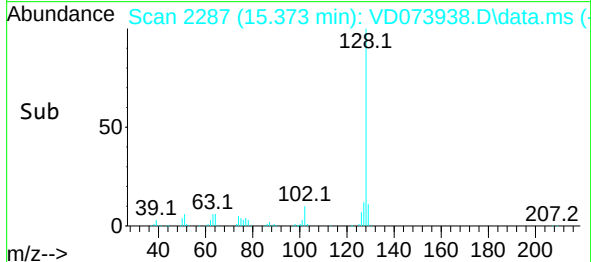
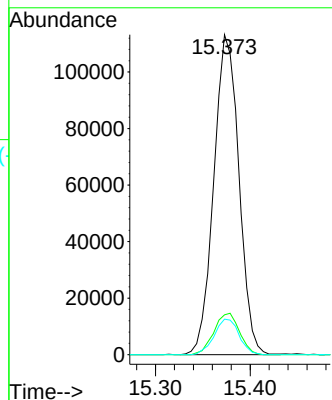
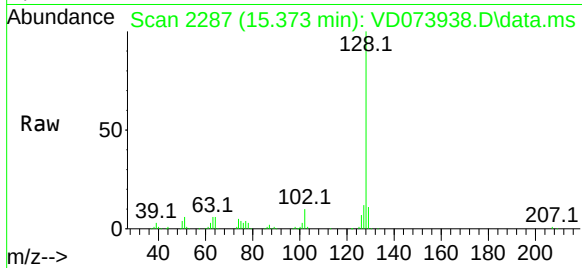




#95
Naphthalene
Concen: 44.110 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 208667
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 43.347 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073938.D
Acq: 03 Aug 2022 11:41

Tgt Ion:180 Resp: 97045
Ion Ratio Lower Upper
180 100
182 95.3 48.7 146.1
145 34.9 17.2 51.5

