

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073537.D
 Acq On : 13 Jun 2022 10:09
 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: Jun 13 15:29:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	302859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	473251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	466221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164709	50.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.360%	
35) Dibromofluoromethane	7.903	113	165991	54.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.332	98	627089	54.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.620	95	224858	53.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	127773	44.239	ug/l	97
3) Chloromethane	2.209	50	131175	44.286	ug/l	95
4) Vinyl Chloride	2.350	62	133867	48.202	ug/l	94
5) Bromomethane	2.762	94	100733	50.596	ug/l	99
6) Chloroethane	2.915	64	87820	49.622	ug/l	98
7) Trichlorofluoromethane	3.268	101	270771	49.756	ug/l	98
8) Diethyl Ether	3.709	74	73904	47.453	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	157480	50.598	ug/l	95
10) Methyl Iodide	4.297	142	173175	46.636	ug/l	100
11) Tert butyl alcohol	5.209	59	72277	90.466	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	144557	48.917	ug/l	87
13) Acrolein	3.915	56	25300	176.744	ug/l	99
14) Allyl chloride	4.703	41	212846	48.381	ug/l #	93
15) Acrylonitrile	5.409	53	174440	249.427	ug/l	97
16) Acetone	4.150	43	142285	248.636	ug/l	90
17) Carbon Disulfide	4.403	76	449629	48.002	ug/l	100
18) Methyl Acetate	4.715	43	75177	46.693	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	363424	51.529	ug/l	92
20) Methylene Chloride	4.956	84	176379	49.132	ug/l #	79
21) trans-1,2-Dichloroethene	5.462	96	178687	49.985	ug/l	87
22) Diisopropyl ether	6.356	45	485246	51.114	ug/l #	94
23) Vinyl Acetate	6.297	43	1354098	262.925	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	300352	49.356	ug/l	99
25) 2-Butanone	7.203	43	207340	246.240	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	283373	51.939	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	196406	50.824	ug/l	90
28) Bromochloromethane	7.538	49	122668	51.360	ug/l #	73
29) Tetrahydrofuran	7.556	42	136188	253.540	ug/l #	87
30) Chloroform	7.703	83	337992	51.986	ug/l	97
31) Cyclohexane	7.979	56	257192	46.976	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	303463	52.972	ug/l	96
36) 1,1-Dichloropropene	8.109	75	248880	54.452	ug/l	96
37) Ethyl Acetate	7.285	43	96443	52.237	ug/l #	94
38) Carbon Tetrachloride	8.085	117	272215	56.932	ug/l	96
39) Methylcyclohexane	9.350	83	276295	51.873	ug/l	95
40) Benzene	8.344	78	707265	53.197	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	53827	53.776	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	203140	55.264	ug/l	95
43) Isopropyl Acetate	8.444	43	182140	51.276	ug/l #	90
44) Trichloroethene	9.103	130	197349	53.295	ug/l	91
45) 1,2-Dichloropropane	9.379	63	176958	53.729	ug/l	96
46) Dibromomethane	9.467	93	102524	55.258	ug/l	93
47) Bromodichloromethane	9.656	83	258109	55.519	ug/l	99
48) Methyl methacrylate	9.450	41	95692	54.384	ug/l	90
49) 1,4-Dioxane	9.456	88	22795	1068.189	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	490900	273.117	ug/l	92
52) Toluene	10.397	92	474303	55.624	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	240666	55.195	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	283265	55.470	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	141355	53.419	ug/l	98
56) Ethyl methacrylate	10.650	69	168916	55.715	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	232708	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	335081	268.816	ug/l	93
59) 2-Hexanone	10.973	43	354653	288.115	ug/l	93
60) Dibromochloromethane	11.132	129	182306	55.820	ug/l	100
61) 1,2-Dibromoethane	11.232	107	139534	55.342	ug/l	99
64) Tetrachloroethene	10.867	164	163923	51.645	ug/l	97
65) Chlorobenzene	11.661	112	506019	52.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	198788	54.618	ug/l	98
67) Ethyl Benzene	11.732	91	904788	53.974	ug/l	99
68) m/p-Xylenes	11.844	106	717320	109.041	ug/l	98
69) o-Xylene	12.167	106	330748	54.641	ug/l	95
70) Styrene	12.185	104	583012	55.838	ug/l	97
71) Bromoform	12.349	173	109778	55.161	ug/l #	98
73) Isopropylbenzene	12.467	105	882649	52.142	ug/l	99
74) N-amyl acetate	12.273	43	186367	49.490	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	162216	50.480	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	206757	87.148	ug/l #	100
77) Bromobenzene	12.749	156	211859	51.247	ug/l	90
78) n-propylbenzene	12.808	91	1103528	52.373	ug/l	98
79) 2-Chlorotoluene	12.897	91	633817	51.750	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	775620	53.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	51913	51.359	ug/l	90
82) 4-Chlorotoluene	12.991	91	667177	51.671	ug/l	99
83) tert-Butylbenzene	13.208	119	639464	51.824	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	763422	52.391	ug/l	98
85) sec-Butylbenzene	13.385	105	975755	52.788	ug/l	99
86) p-Isopropyltoluene	13.502	119	812943	52.759	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	429349	50.862	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	428192	51.275	ug/l	99
89) n-Butylbenzene	13.826	91	763275	52.511	ug/l	98
90) Hexachloroethane	14.096	117	162316	50.867	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	378890	52.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25961	50.584	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	223132	51.178	ug/l	100
94) Hexachlorobutadiene	15.249	225	119011	49.762	ug/l	98
95) Naphthalene	15.379	128	406433	46.405	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	197454	51.866	ug/l	99

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QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

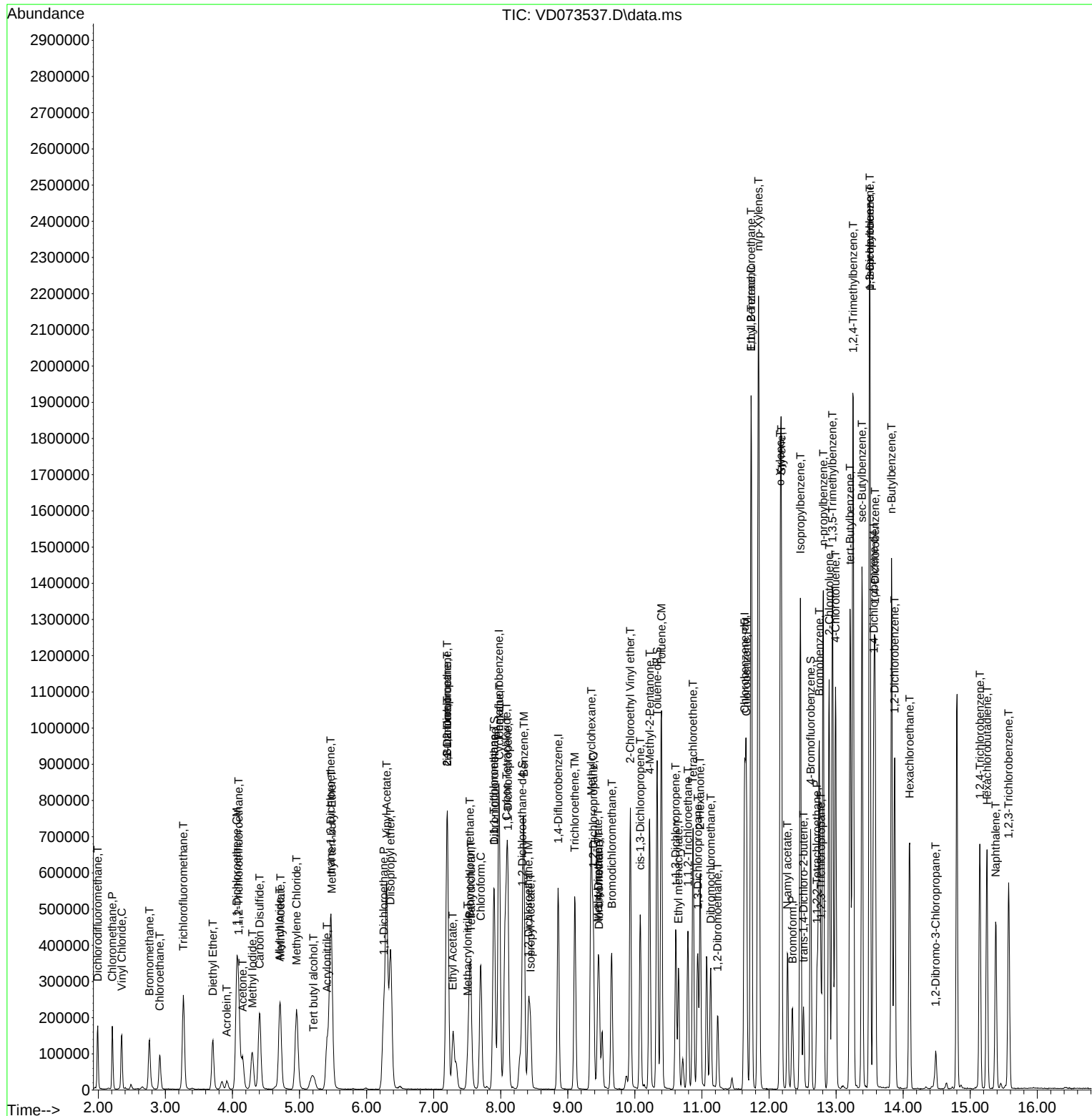
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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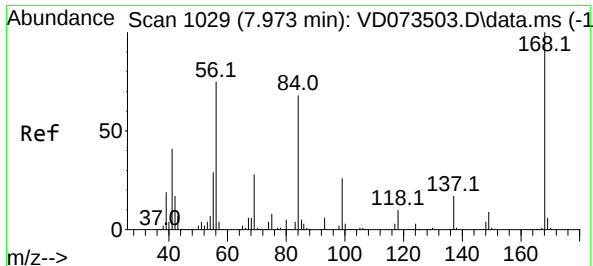
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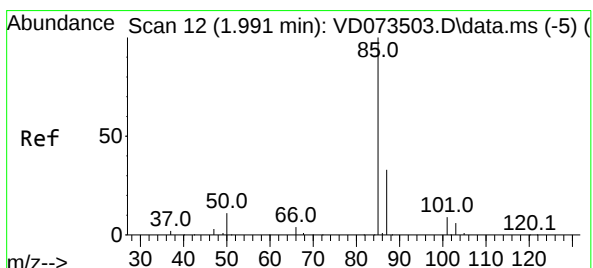
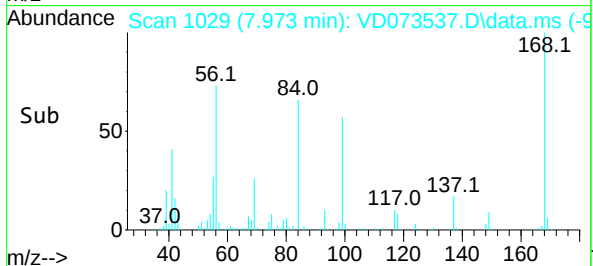
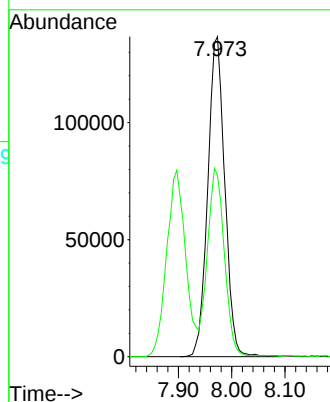
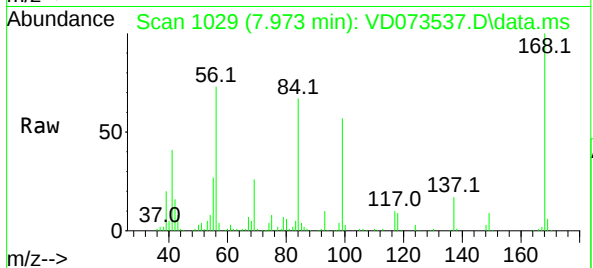




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073537.D
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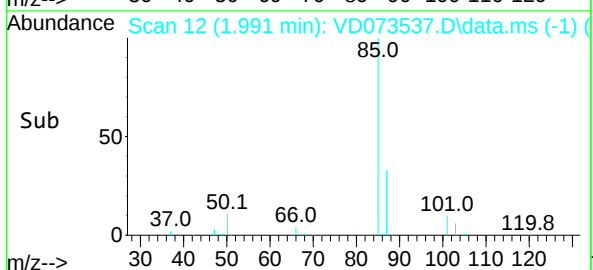
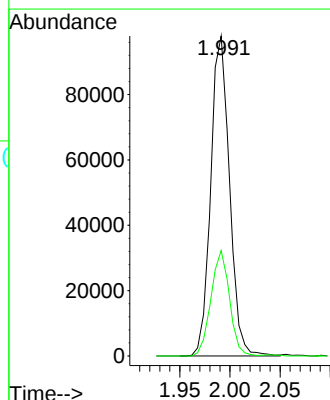
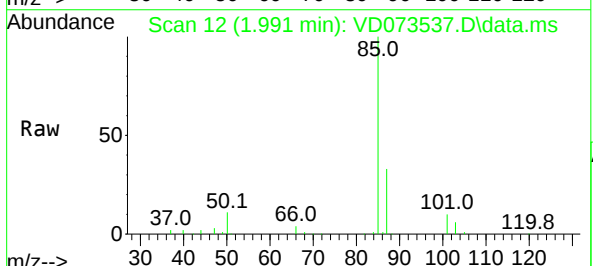
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

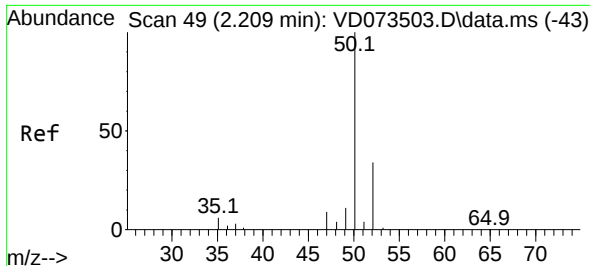
Tgt Ion:168 Resp: 302859
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.239 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 85 Resp: 127773
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

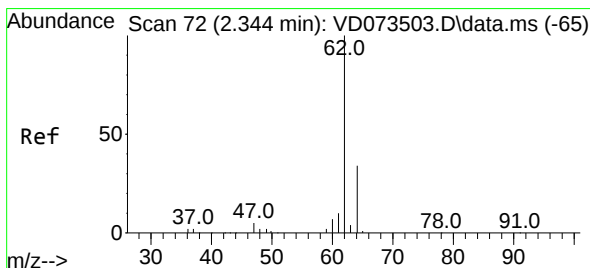
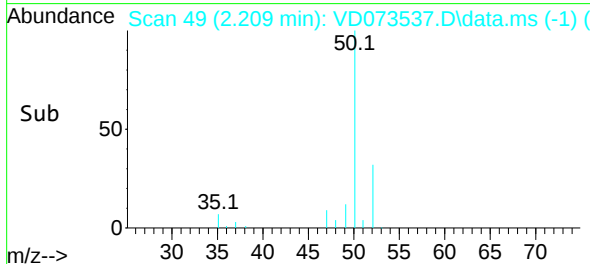
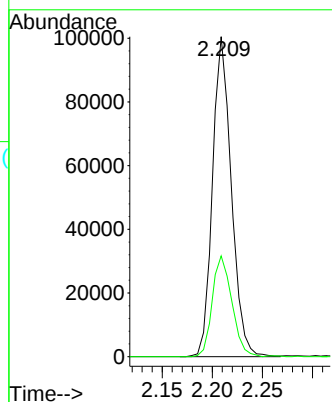
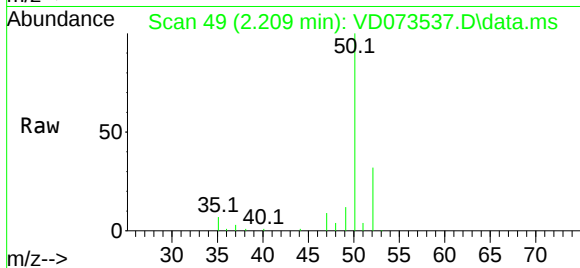




#3
Chloromethane
Concen: 44.286 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

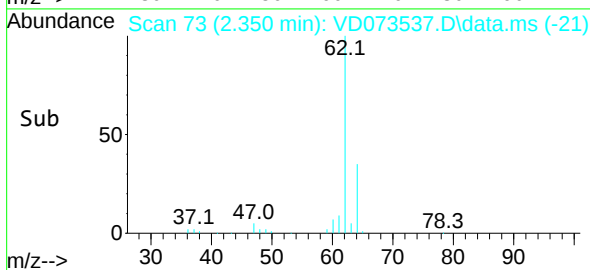
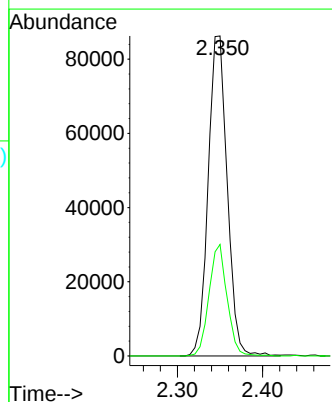
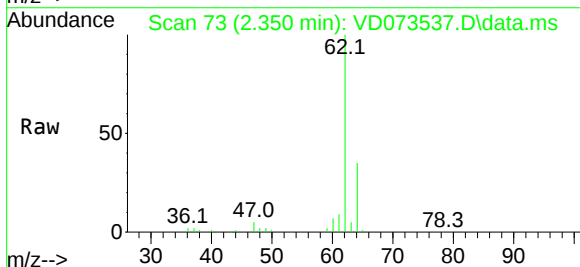
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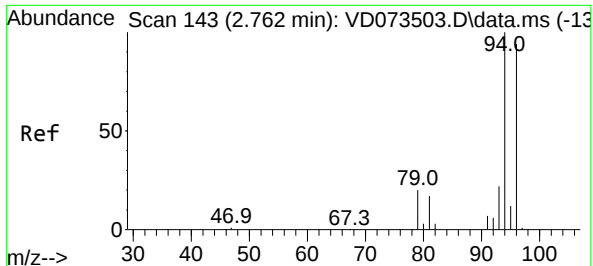
Tgt Ion: 50 Resp: 131175
Ion Ratio Lower Upper
50 100
52 31.5 27.4 41.0



#4
Vinyl Chloride
Concen: 48.202 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 62 Resp: 133867
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0

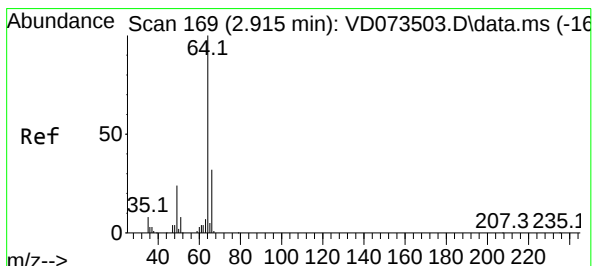
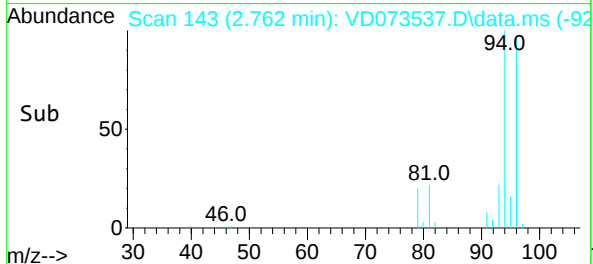
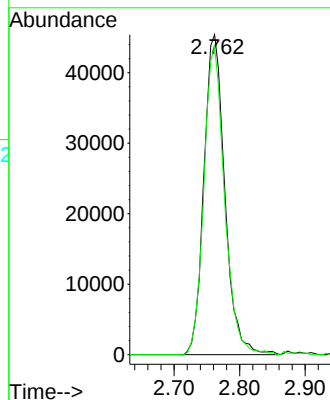
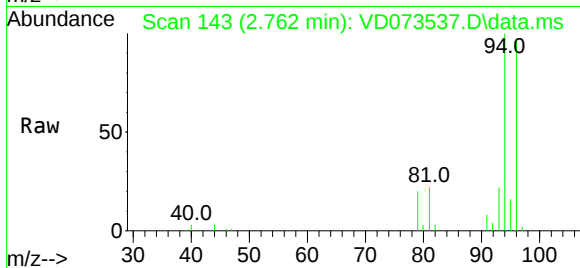




#5
Bromomethane
Concen: 50.596 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD073537.D
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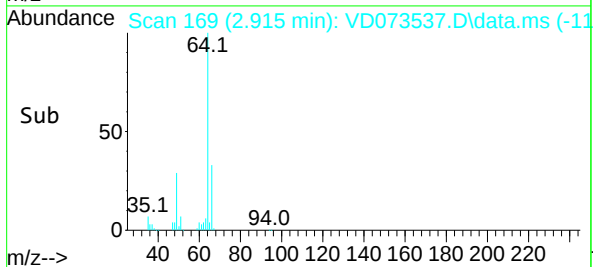
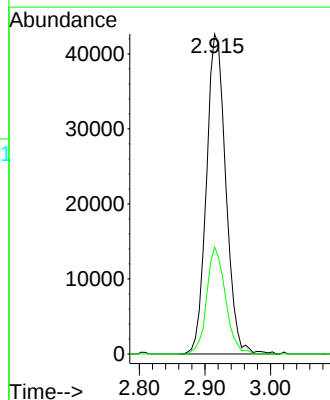
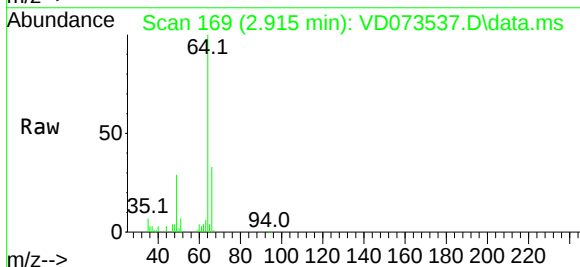
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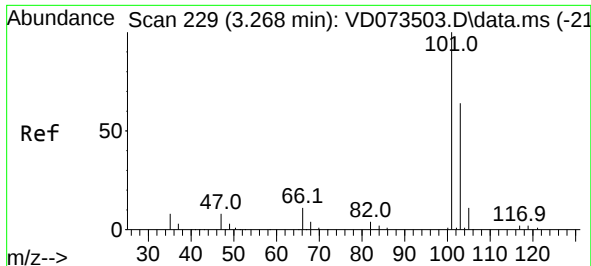
Tgt Ion: 94 Resp: 100733
Ion Ratio Lower Upper
94 100
96 96.3 77.6 116.4



#6
Chloroethane
Concen: 49.622 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 64 Resp: 87820
Ion Ratio Lower Upper
64 100
66 33.5 25.9 38.9

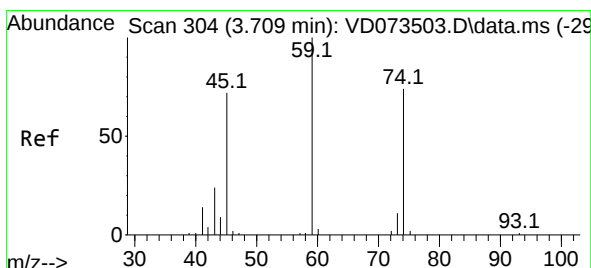
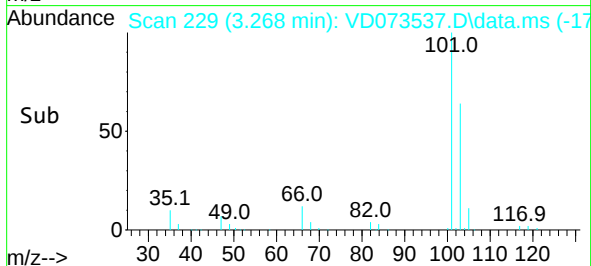
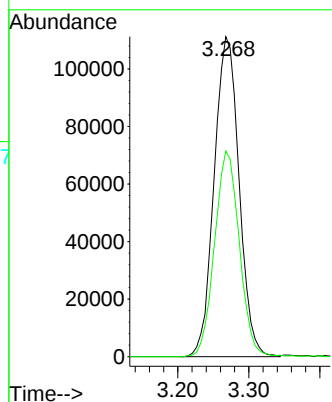
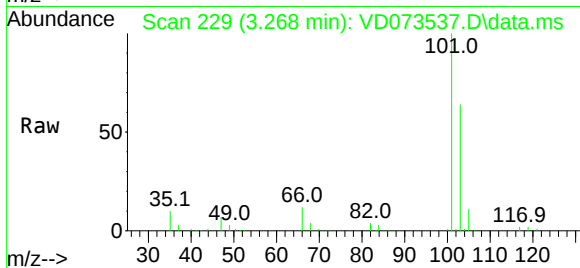




#7
 Trichlorofluoromethane
 Concen: 49.756 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

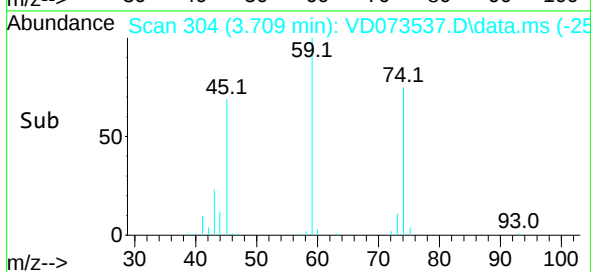
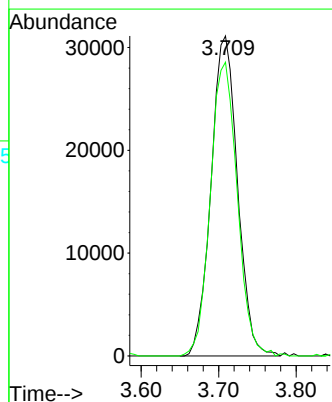
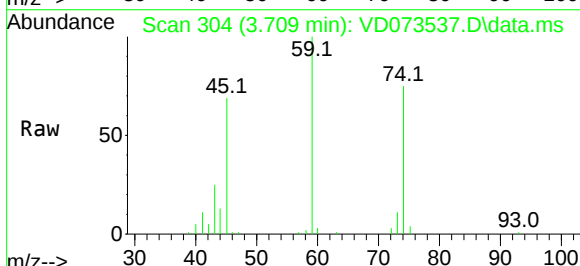
Instrument :
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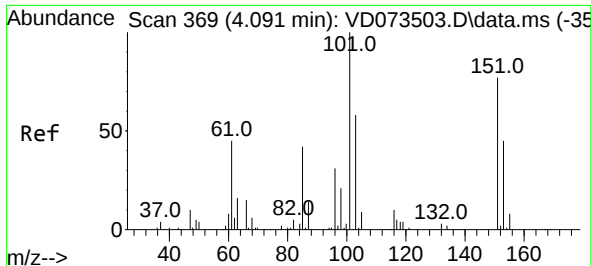
Tgt Ion:101 Resp: 270771
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 47.453 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

Tgt Ion: 74 Resp: 73904
 Ion Ratio Lower Upper
 74 100
 45 93.4 52.6 157.8

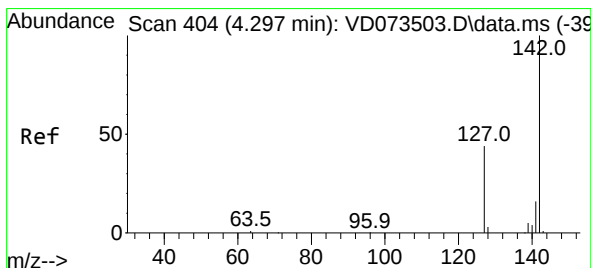
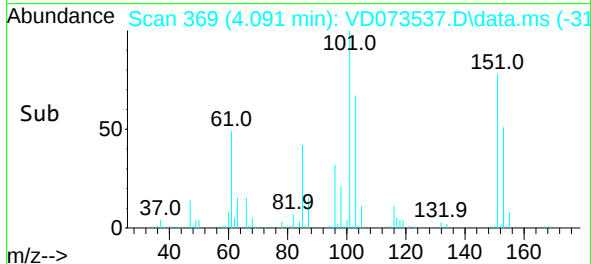
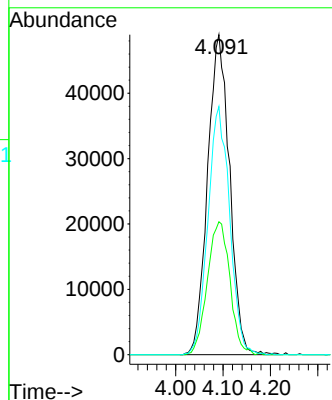
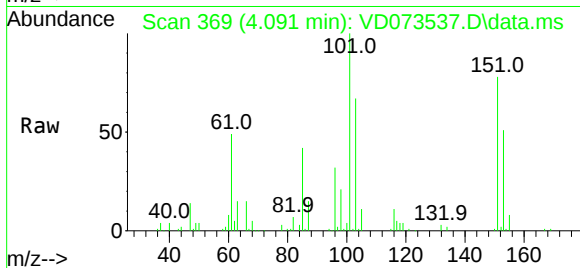




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.598 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

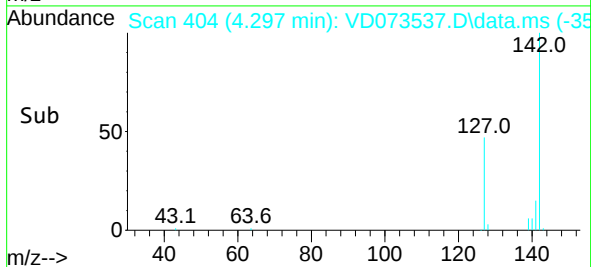
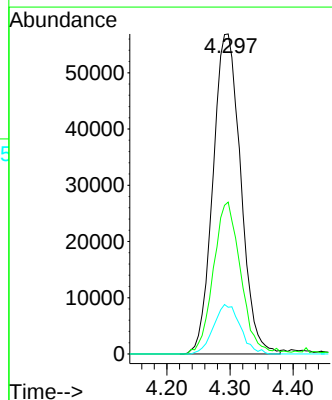
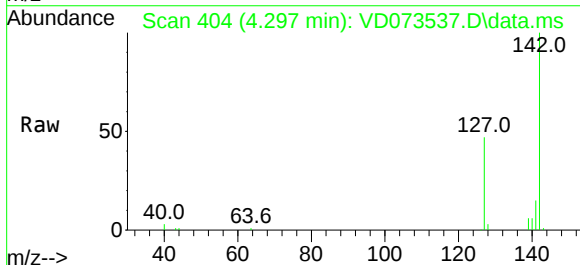
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 157480
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 76.7 57.3 85.9



#10
Methyl Iodide
Concen: 46.636 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:142 Resp: 173175
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 15.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 90.466 ug/l

RT: 5.209 min Scan# 51

Delta R.T. 0.018 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

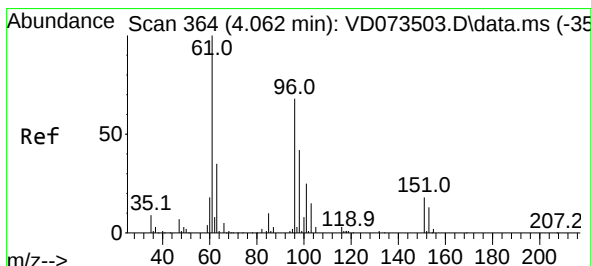
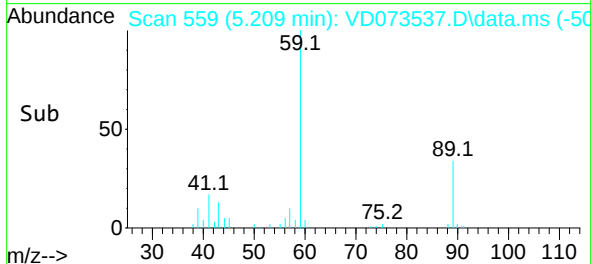
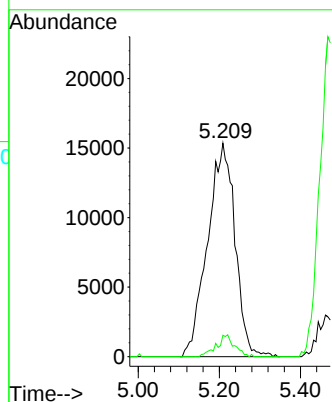
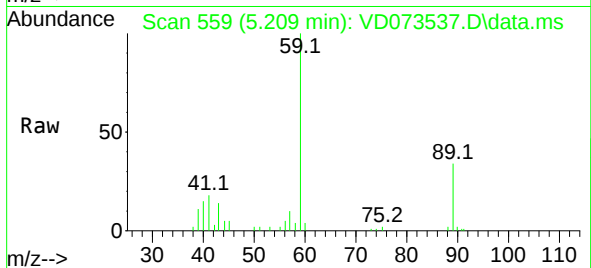
VSTDCCC050

Tgt Ion: 59 Resp: 72277

Ion Ratio Lower Upper

59 100

57 6.7 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 48.917 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

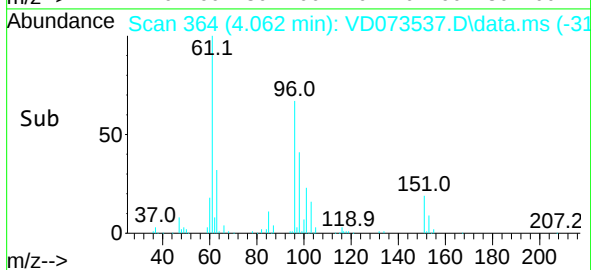
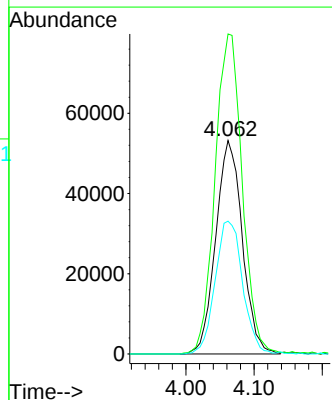
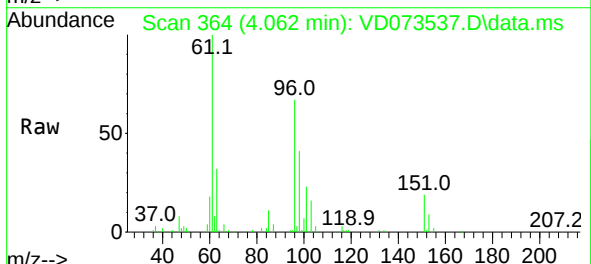
Tgt Ion: 96 Resp: 144557

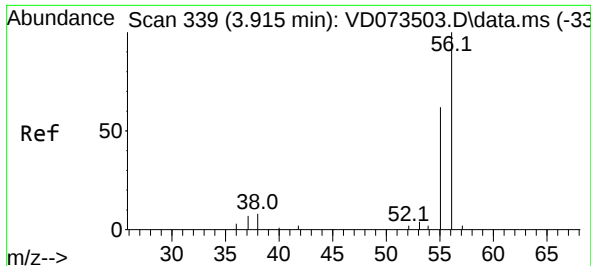
Ion Ratio Lower Upper

96 100

61 150.0 138.5 207.7

98 62.2 48.6 73.0





#13

Acrolein

Concen: 176.744 ug/l

RT: 3.915 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

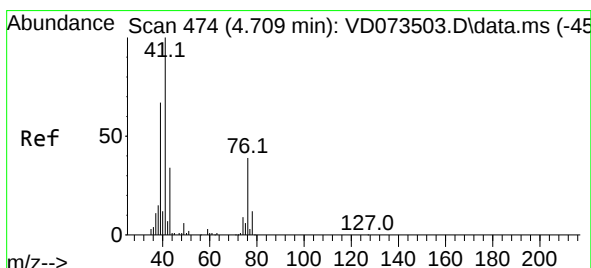
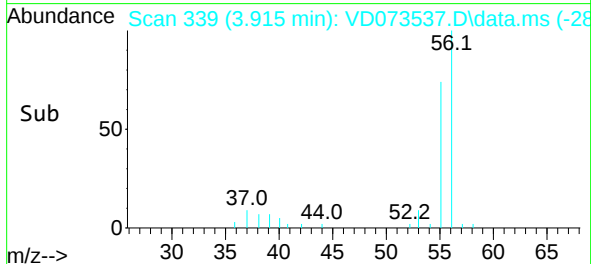
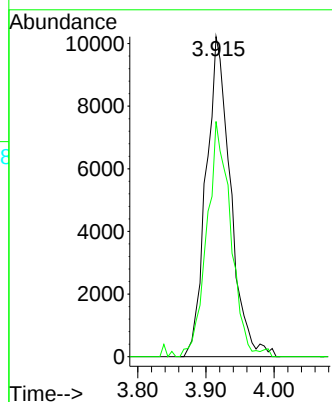
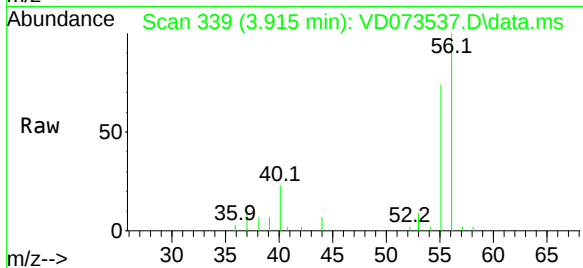
VSTDCCC050

Tgt Ion: 56 Resp: 25300

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 48.381 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.006 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

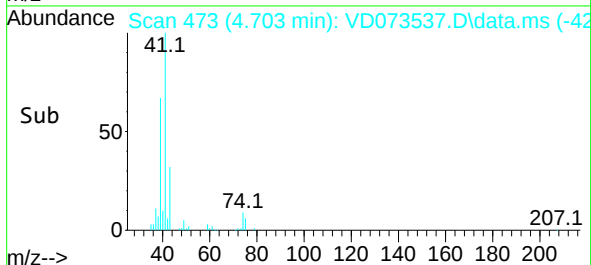
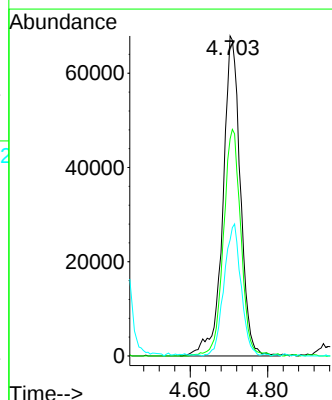
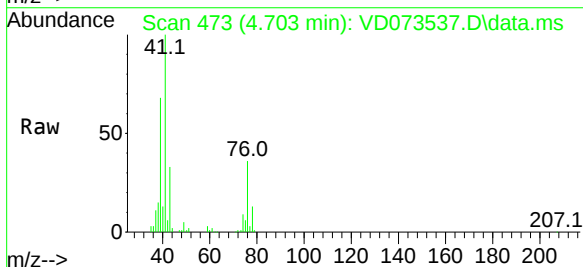
Tgt Ion: 41 Resp: 212846

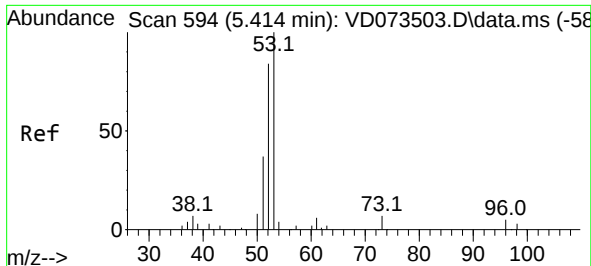
Ion Ratio Lower Upper

41 100

39 70.4 59.3 88.9

76 40.1 25.7 38.5#

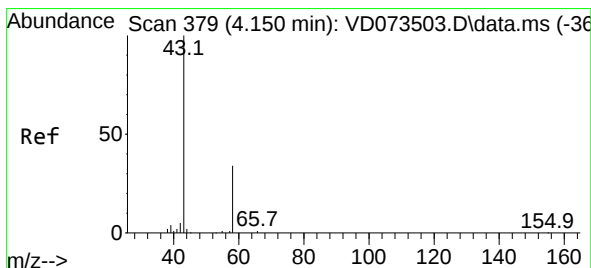
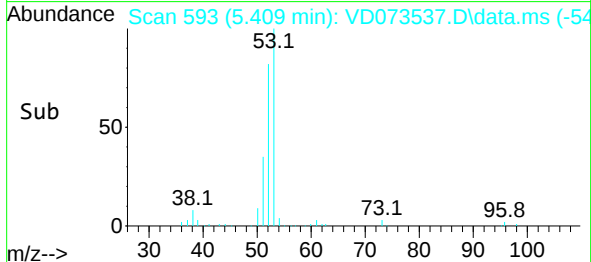
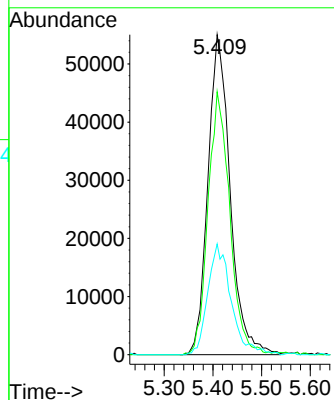
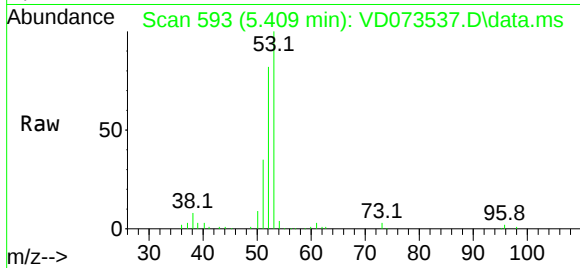




#15
Acrylonitrile
Concen: 249.427 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

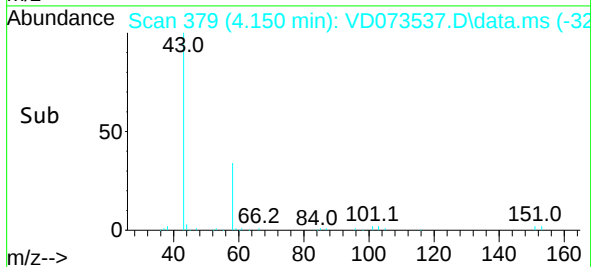
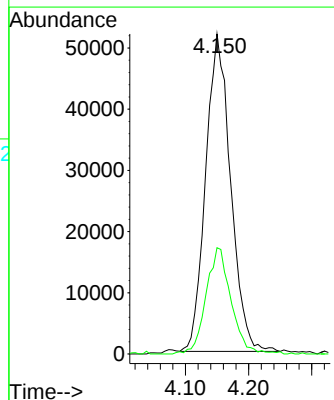
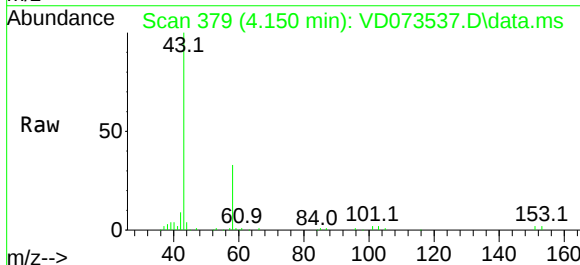
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

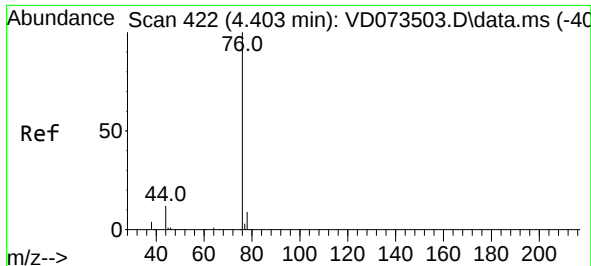
Tgt Ion: 53 Resp: 174440
Ion Ratio Lower Upper
53 100
52 80.5 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 248.636 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 43 Resp: 142285
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1

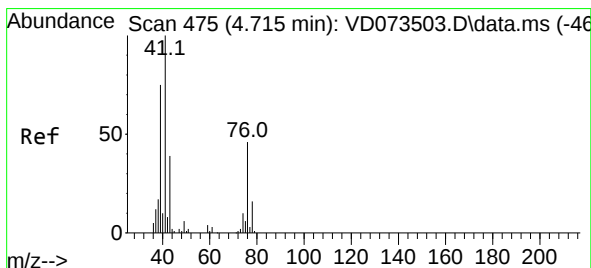
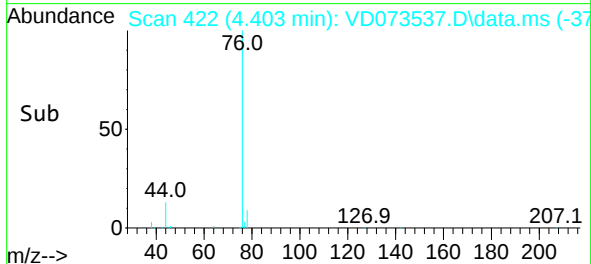
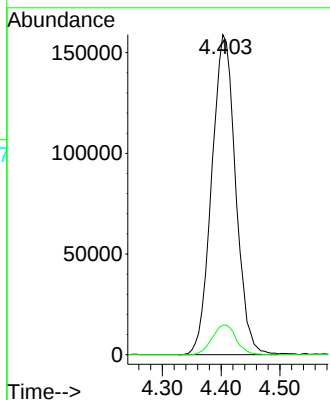
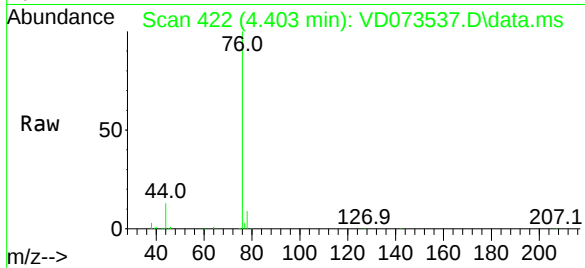




#17
Carbon Disulfide
Concen: 48.002 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

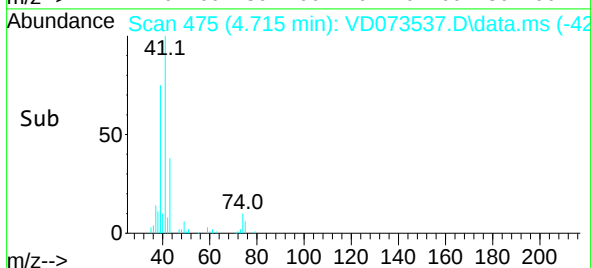
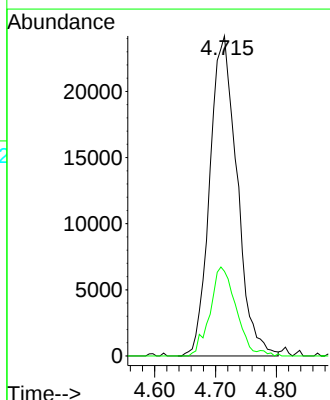
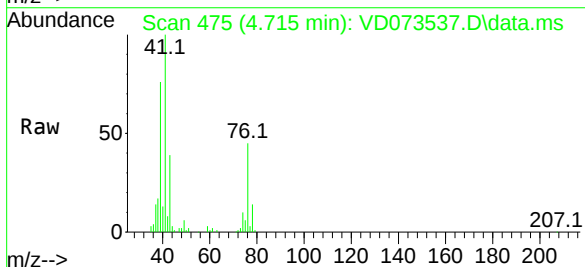
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

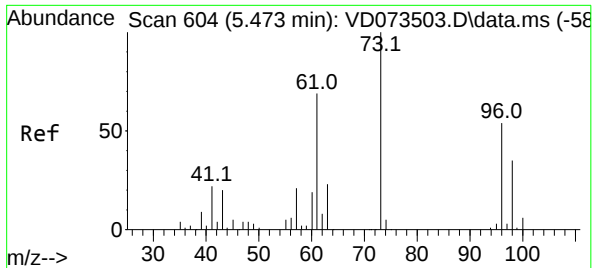
Tgt Ion: 76 Resp: 449629
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 46.693 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 43 Resp: 75177
Ion Ratio Lower Upper
43 100
74 26.8 16.7 25.1#

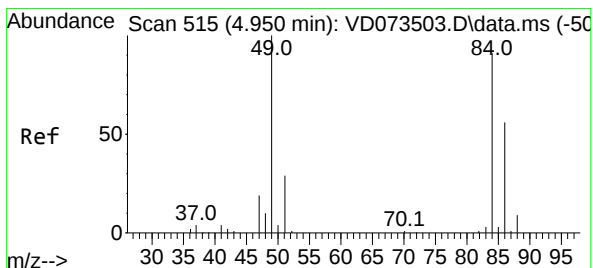
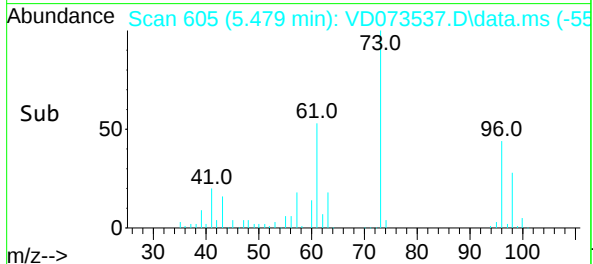
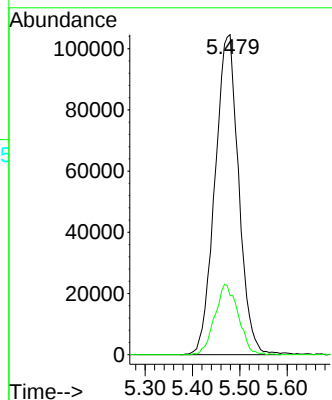
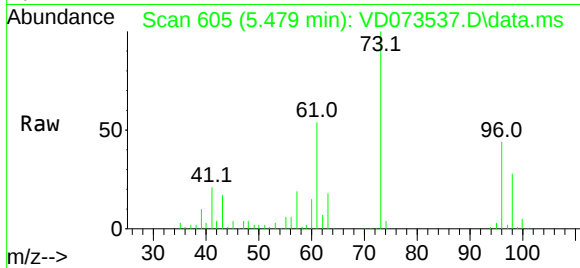




#19
Methyl tert-butyl Ether
Concen: 51.529 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

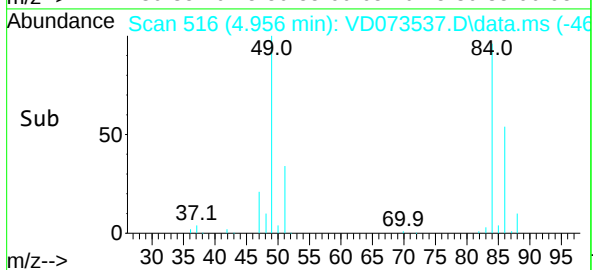
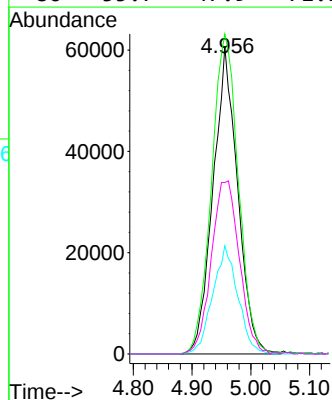
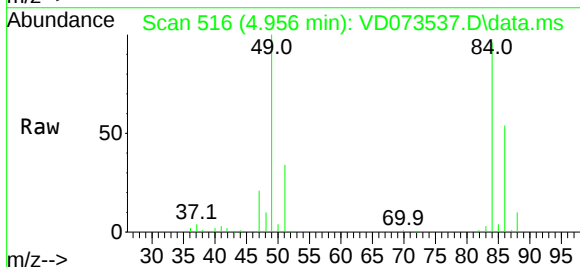
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

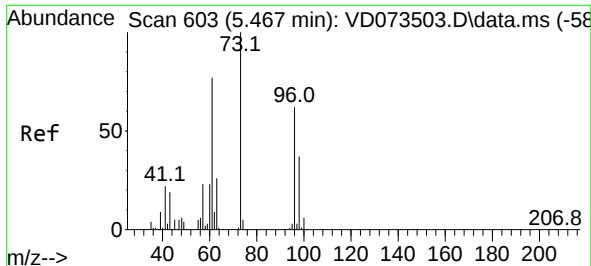
Tgt Ion: 73 Resp: 363424
Ion Ratio Lower Upper
73 100
57 18.5 18.0 27.0



#20
Methylene Chloride
Concen: 49.132 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 84 Resp: 176379
Ion Ratio Lower Upper
84 100
49 104.0 112.8 169.2#
51 35.1 32.6 48.8
86 55.7 47.9 71.9

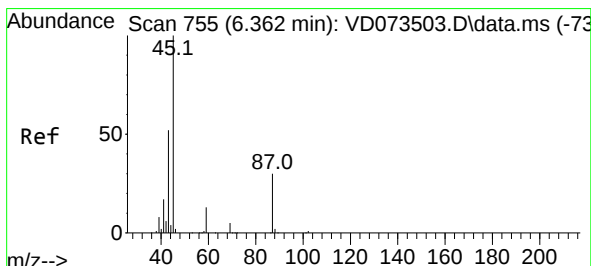
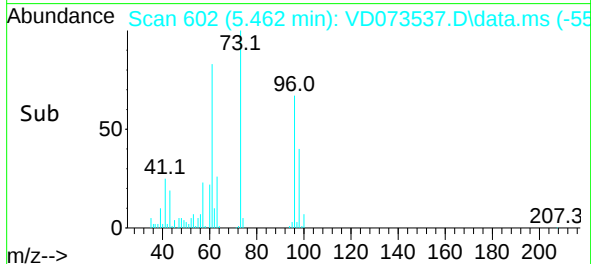
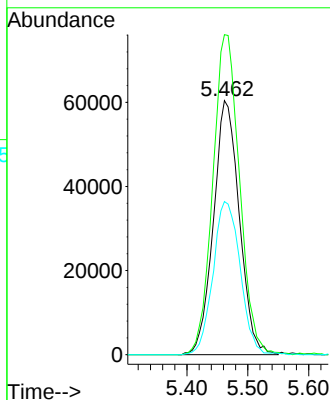
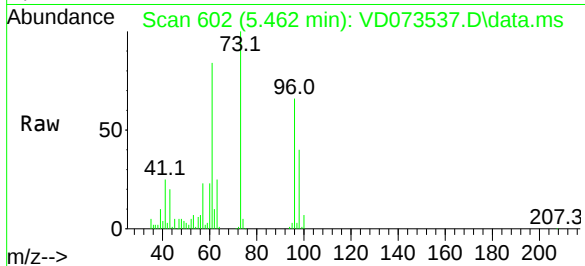




#21
trans-1,2-Dichloroethene
Concen: 49.985 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

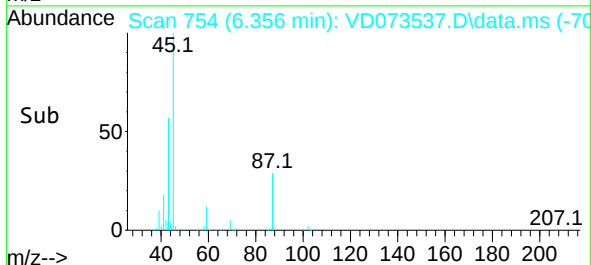
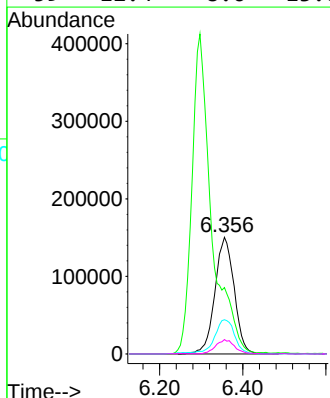
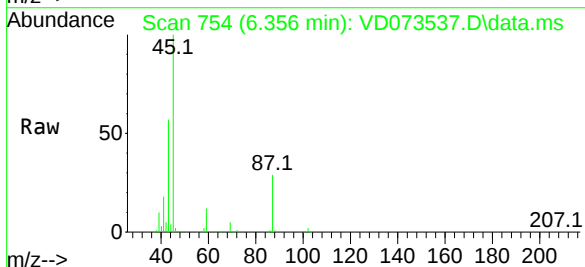
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

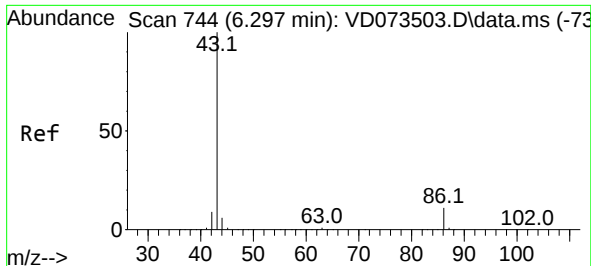
Tgt Ion: 96 Resp: 178687
Ion Ratio Lower Upper
96 100
61 125.9 117.9 176.9
98 60.2 49.4 74.2



#22
Diisopropyl ether
Concen: 51.114 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 45 Resp: 485246
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 29.2 18.4 27.6#
59 12.4 8.6 13.0

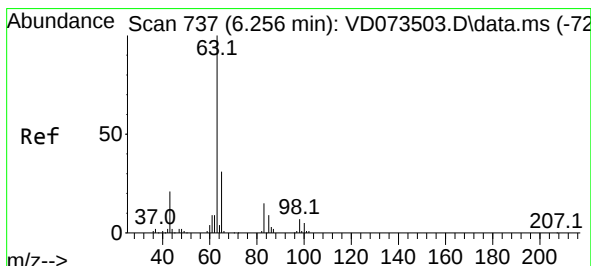
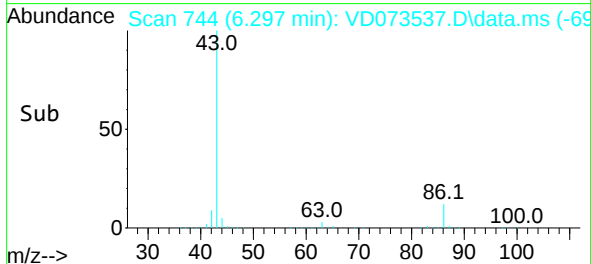
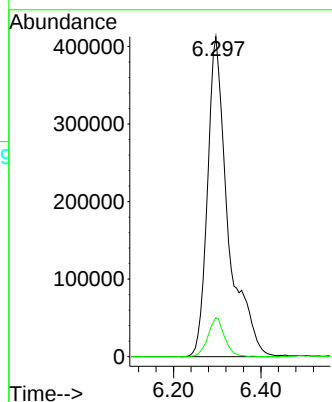
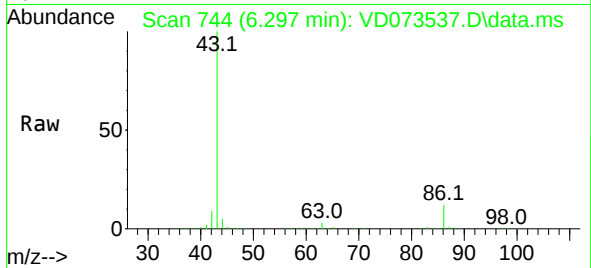




#23
 Vinyl Acetate
 Concen: 262.925 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

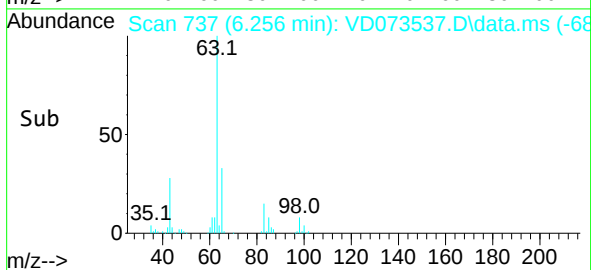
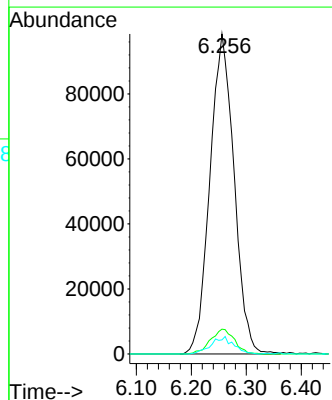
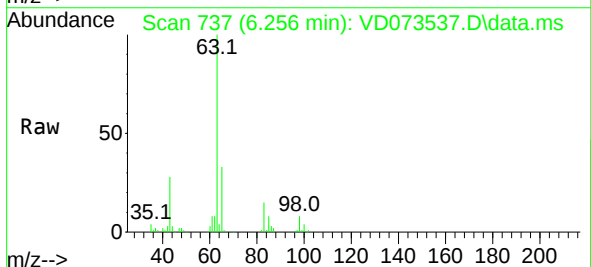
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

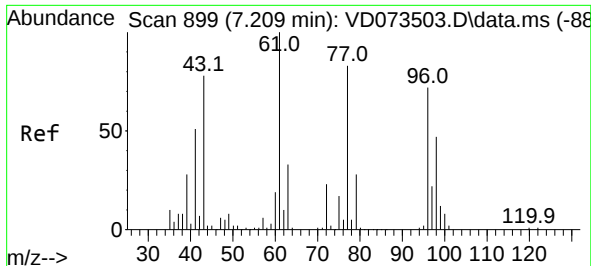
Tgt Ion: 43 Resp: 1354098
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.356 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

Tgt Ion: 63 Resp: 300352
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.4 2.1 6.5

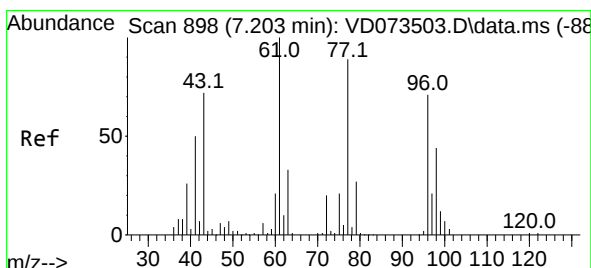
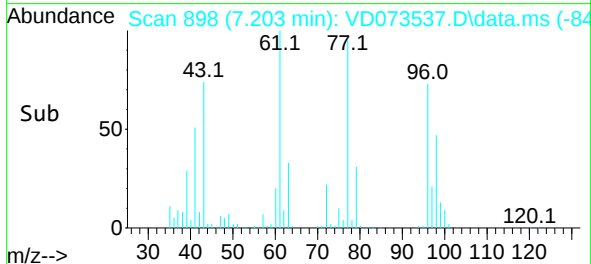
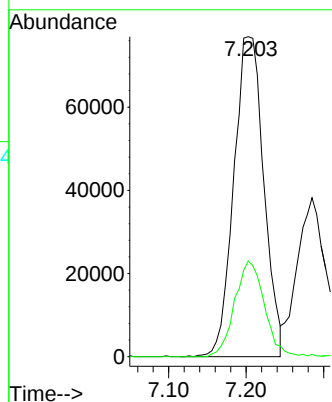
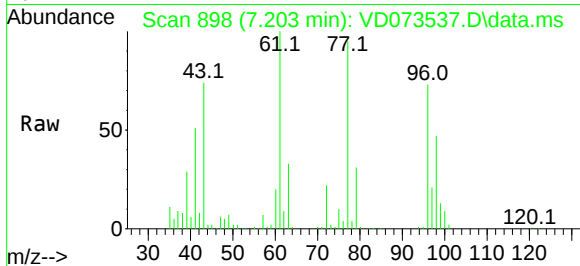




#25
2-Butanone
Concen: 246.240 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

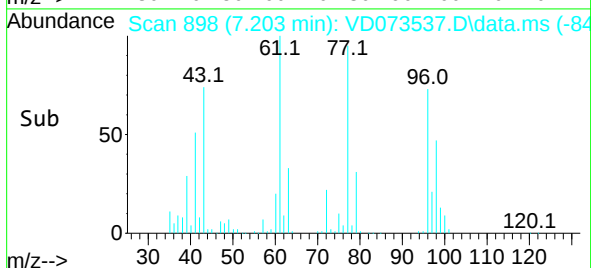
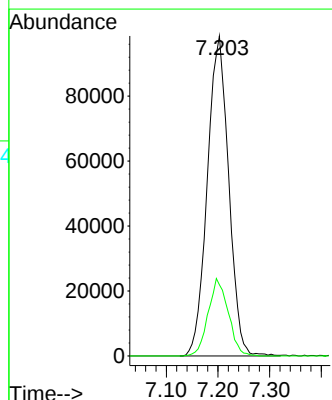
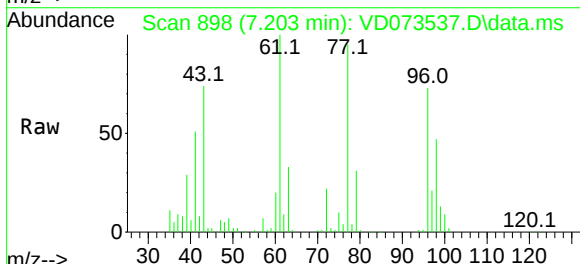
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

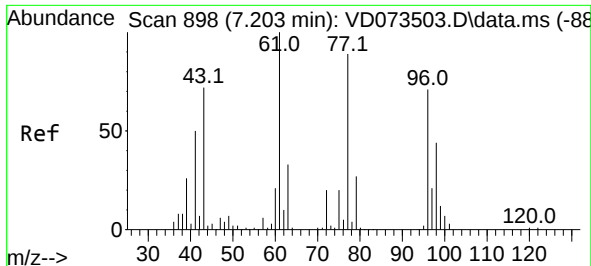
Tgt Ion: 43 Resp: 207340
Ion Ratio Lower Upper
43 100
72 29.9 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 51.939 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 77 Resp: 283373
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4

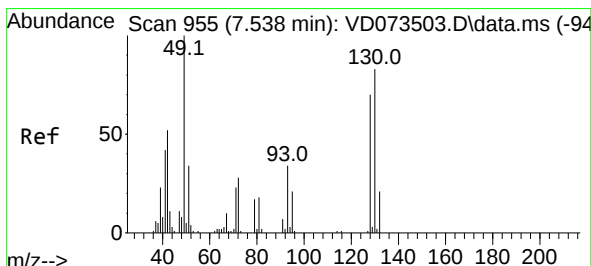
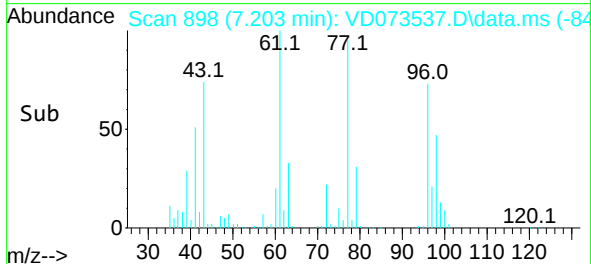
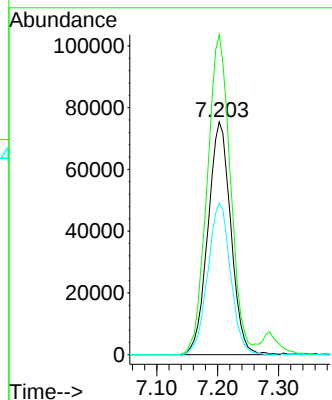
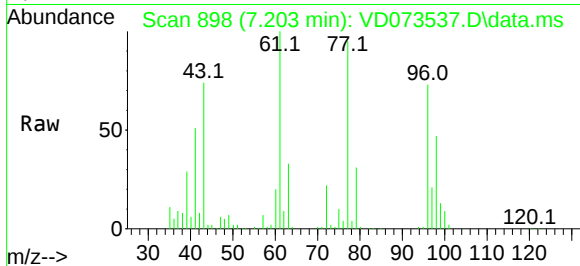




#27
 cis-1,2-Dichloroethene
 Concen: 50.824 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

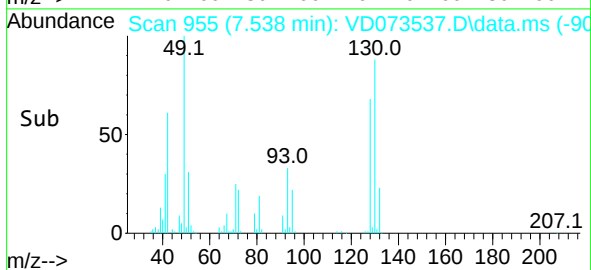
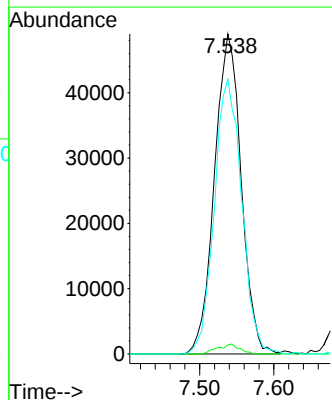
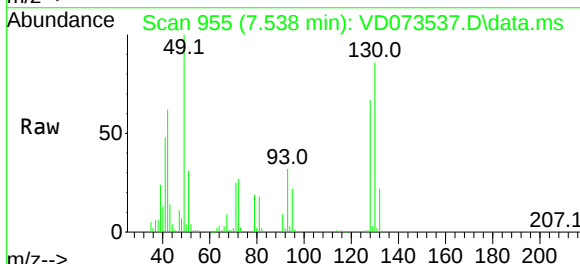
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

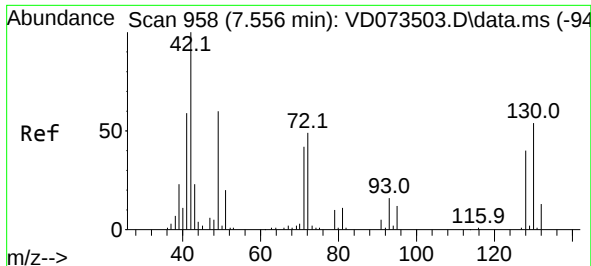
Tgt Ion: 96 Resp: 196406
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 313.8
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.360 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

Tgt Ion: 49 Resp: 122668
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.0
 130 88.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 253.540 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

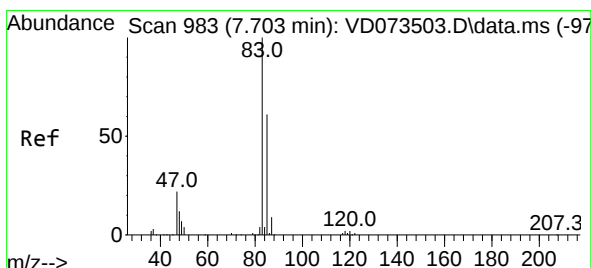
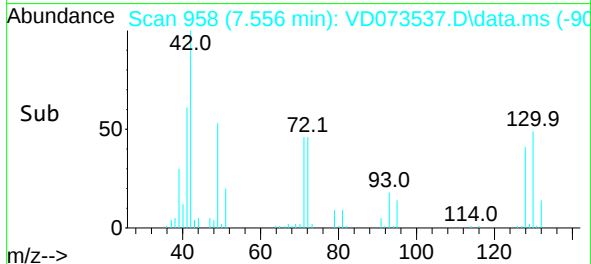
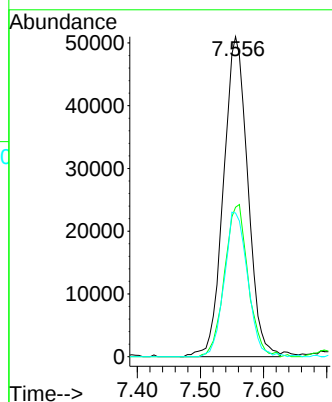
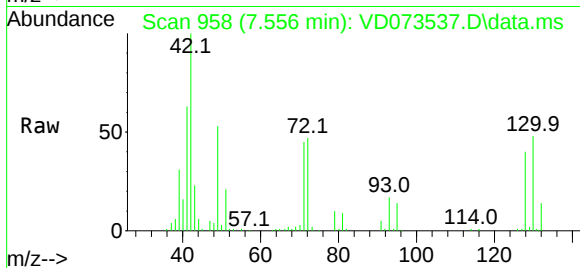
Tgt Ion: 42 Resp: 136188

Ion Ratio Lower Upper

42 100

72 46.2 30.7 46.1#

71 43.6 28.6 43.0#



#30

Chloroform

Concen: 51.986 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073537.D

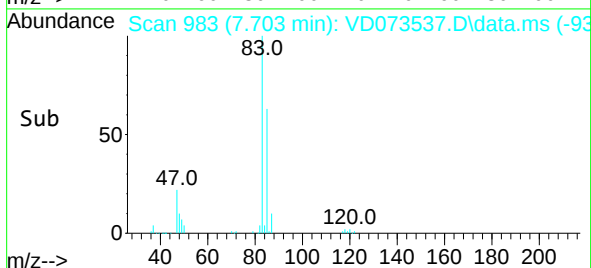
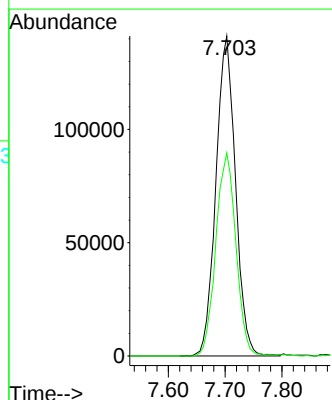
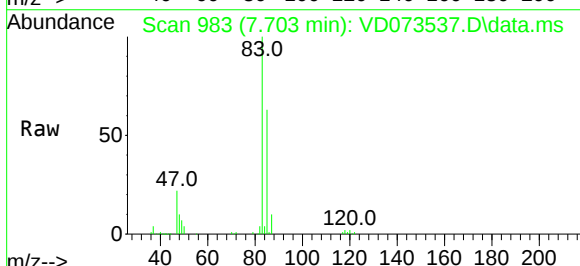
Acq: 13 Jun 2022 10:09

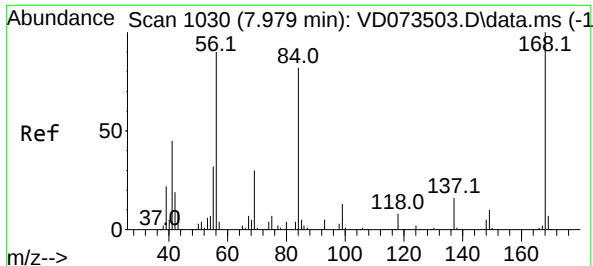
Tgt Ion: 83 Resp: 337992

Ion Ratio Lower Upper

83 100

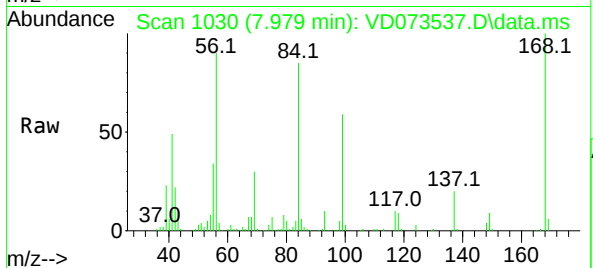
85 63.5 52.7 79.1



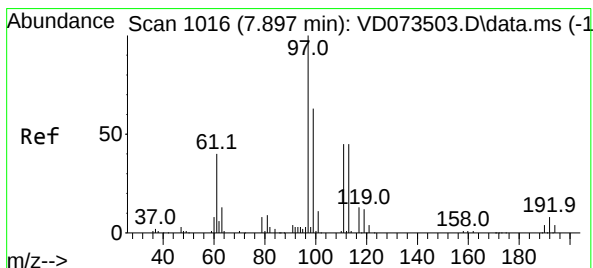
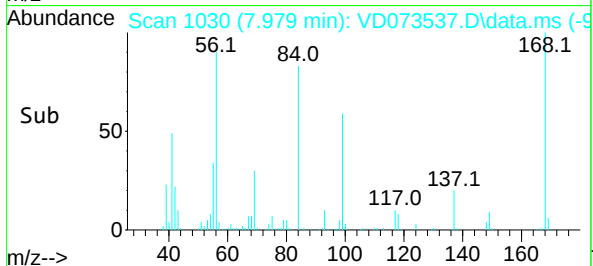
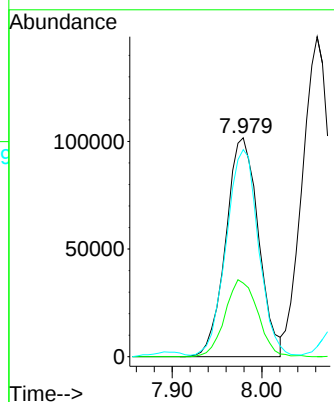


#31
Cyclohexane
Concen: 46.976 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

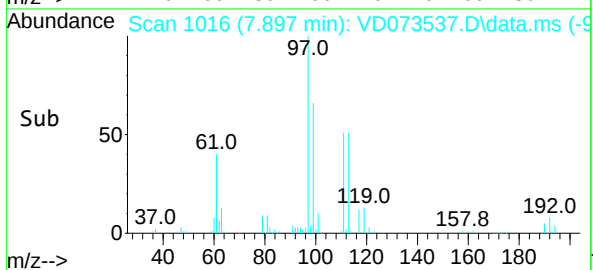
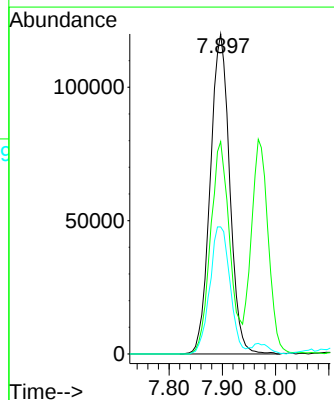
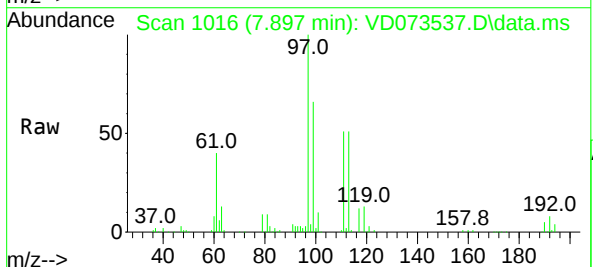


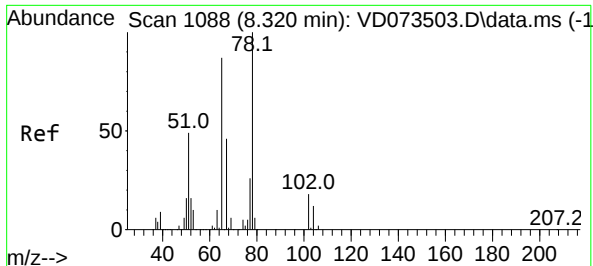
Tgt Ion: 56 Resp: 257192
Ion Ratio Lower Upper
56 100
69 33.6 25.4 38.2
84 92.9 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 52.972 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 97 Resp: 303463
Ion Ratio Lower Upper
97 100
99 65.7 52.4 78.6
61 41.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.678 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

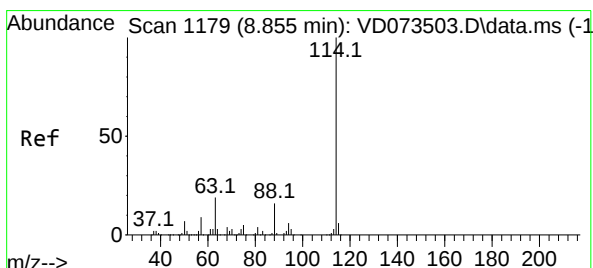
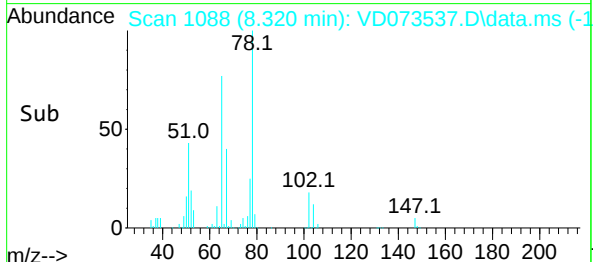
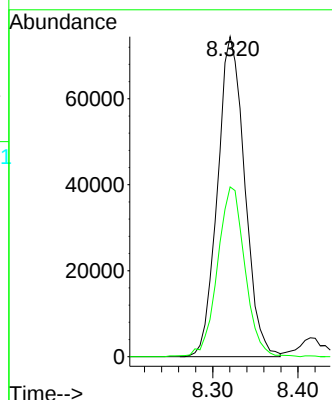
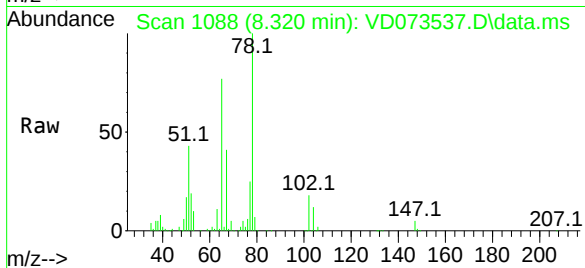
VSTDCCC050

Tgt Ion: 65 Resp: 164709

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

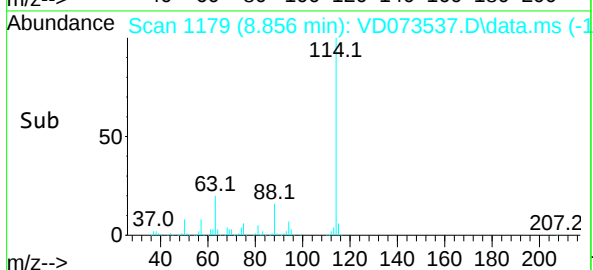
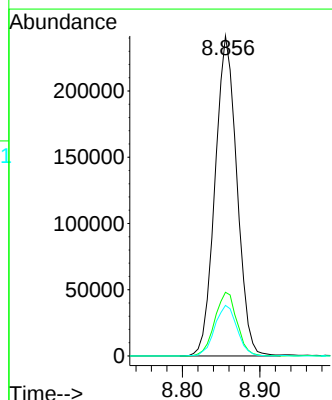
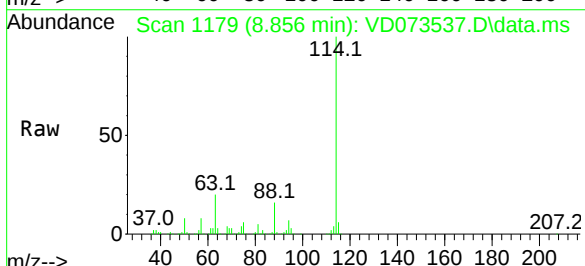
Tgt Ion: 114 Resp: 473251

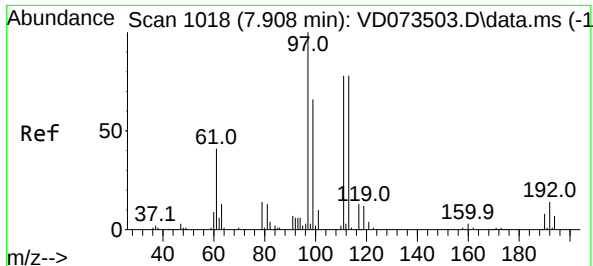
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.545 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

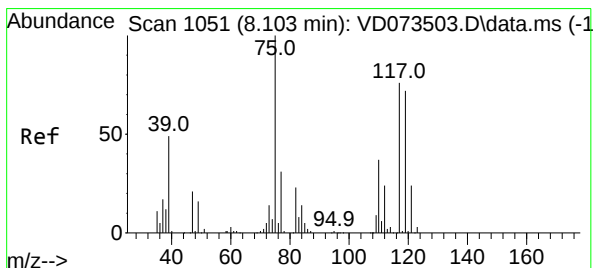
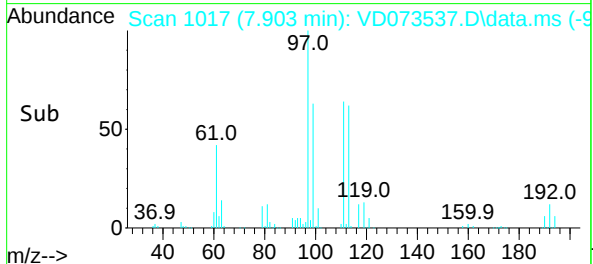
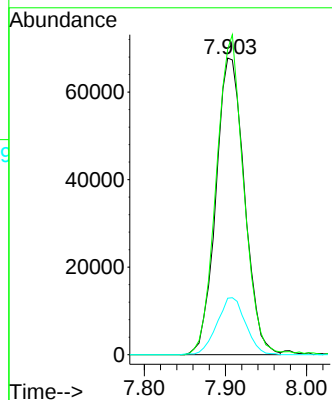
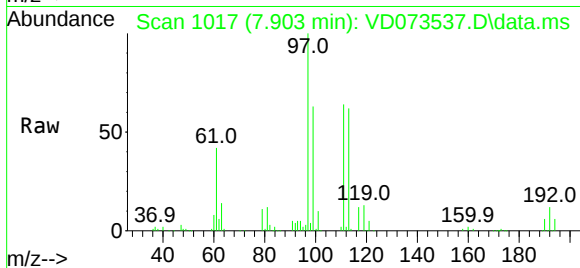
Tgt Ion:113 Resp: 165991

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.452 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

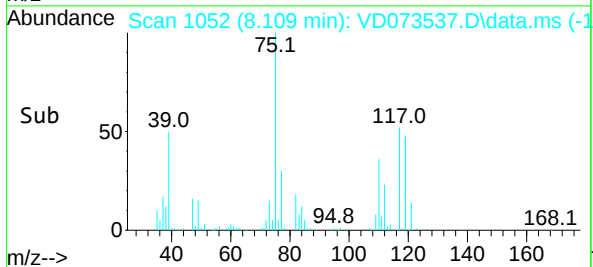
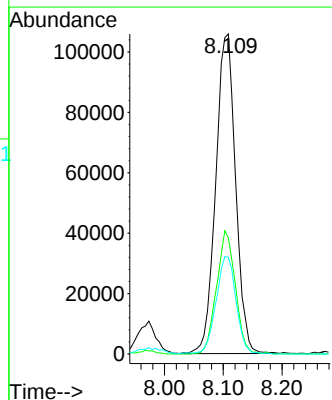
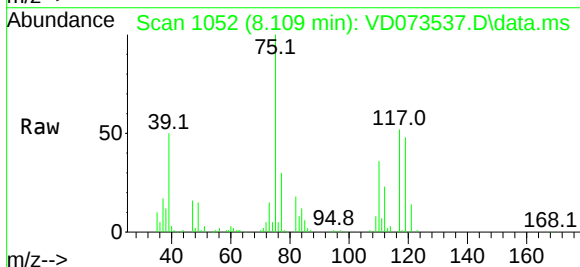
Tgt Ion: 75 Resp: 248880

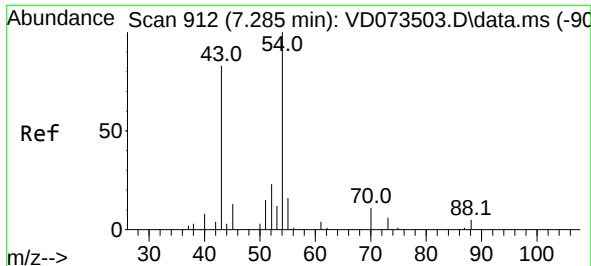
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 30.8 24.2 36.2





#37

Ethyl Acetate

Concen: 52.237 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

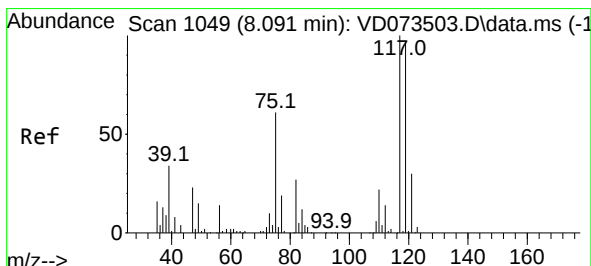
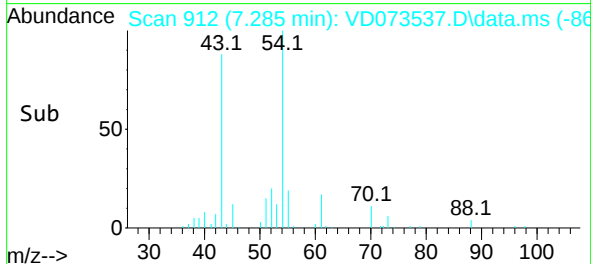
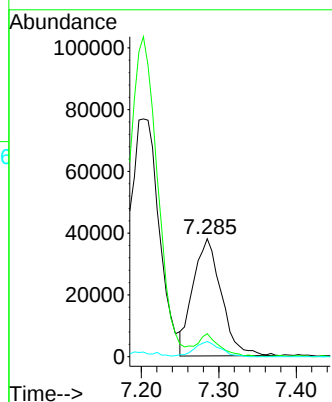
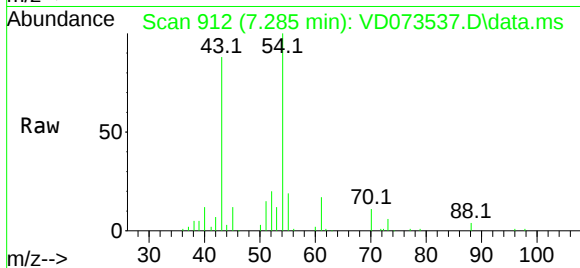
Tgt Ion: 43 Resp: 96443

Ion Ratio Lower Upper

43 100

61 14.0 9.8 14.8

70 11.7 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 56.932 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

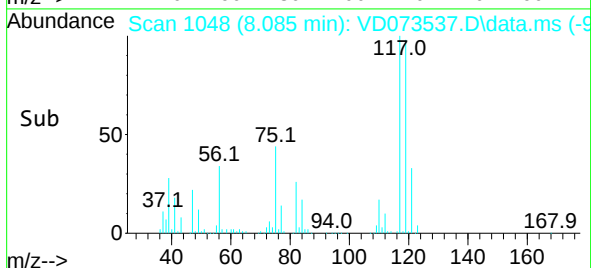
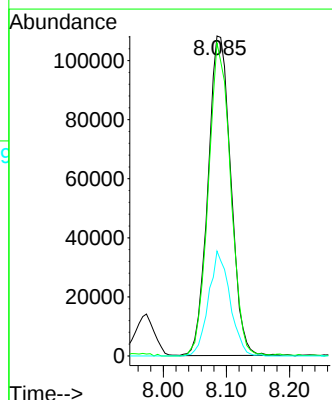
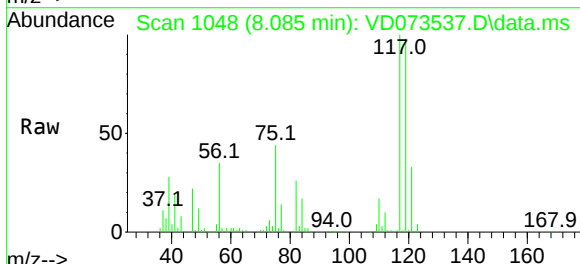
Tgt Ion: 117 Resp: 272215

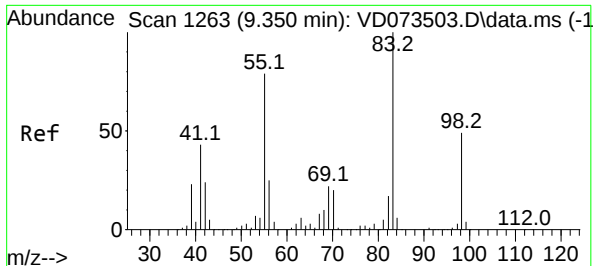
Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.6

121 32.8 24.5 36.7





#39

Methylcyclohexane

Concen: 51.873 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

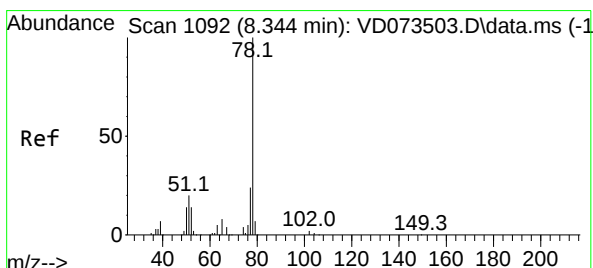
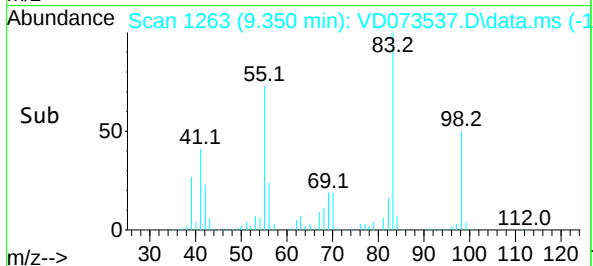
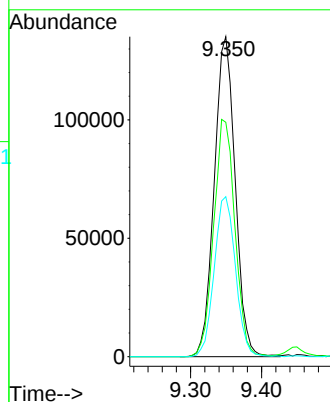
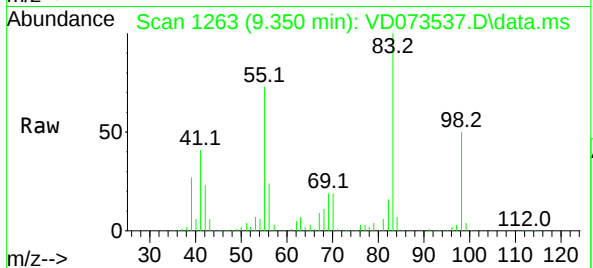
Tgt Ion: 83 Resp: 276295

Ion Ratio Lower Upper

83 100

55 73.2 63.2 94.8

98 50.0 38.2 57.4



#40

Benzene

Concen: 53.197 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073537.D

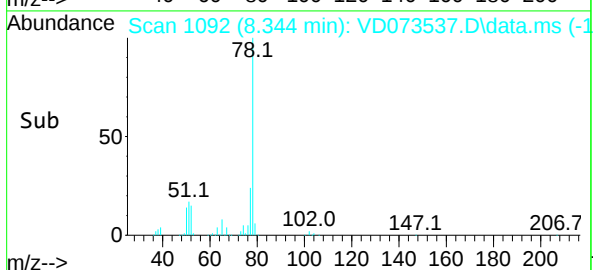
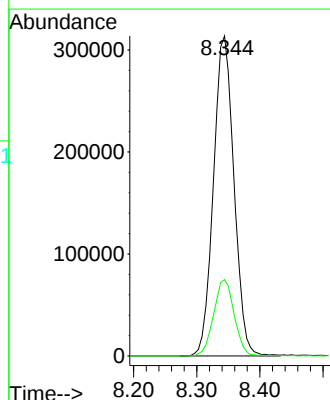
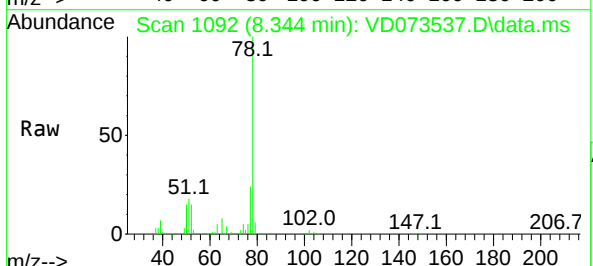
Acq: 13 Jun 2022 10:09

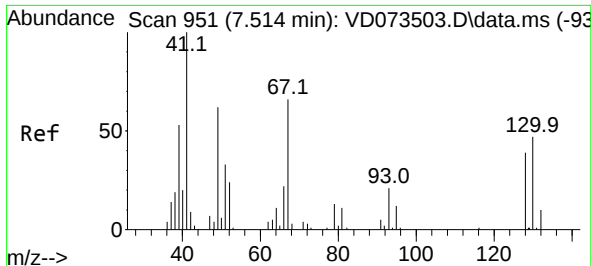
Tgt Ion: 78 Resp: 707265

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



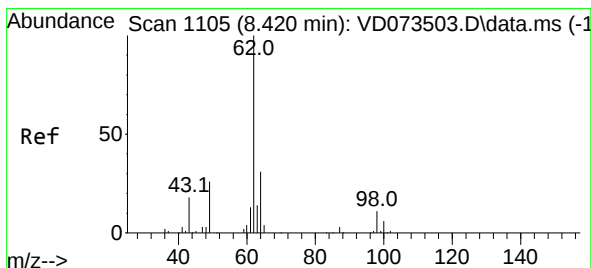
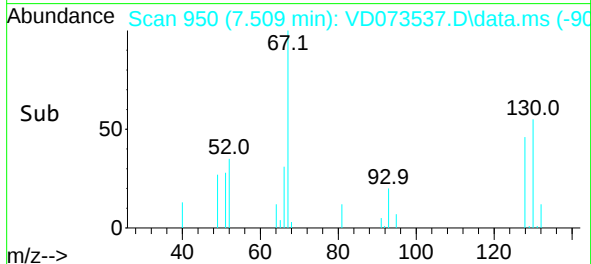
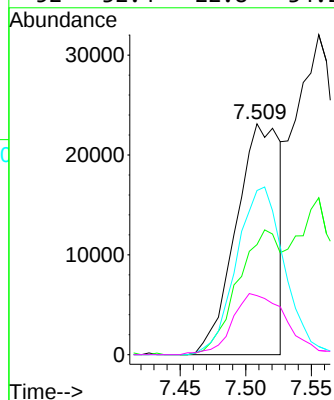
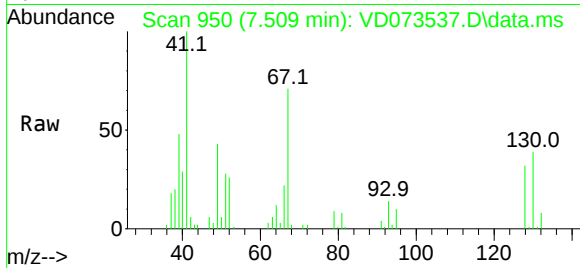


#41
Methacrylonitrile
Concen: 53.776 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 53827

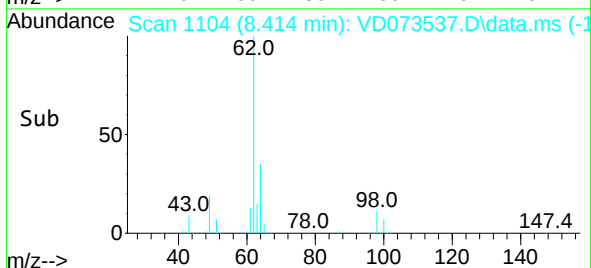
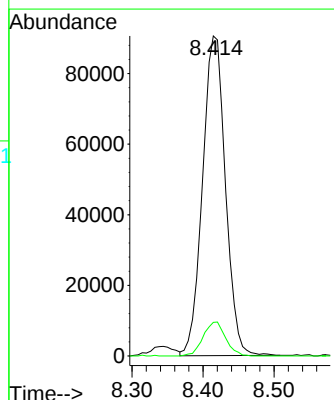
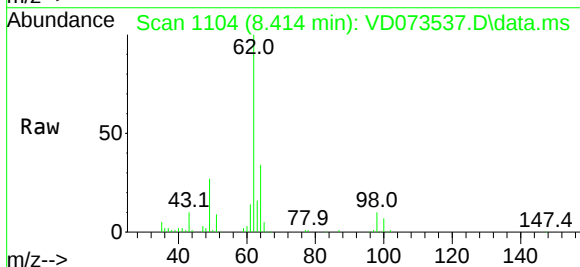
Ion	Ratio	Lower	Upper
41	100		
39	51.6	44.6	67.0
67	79.5	48.2	72.4#
52	32.4	22.8	34.2

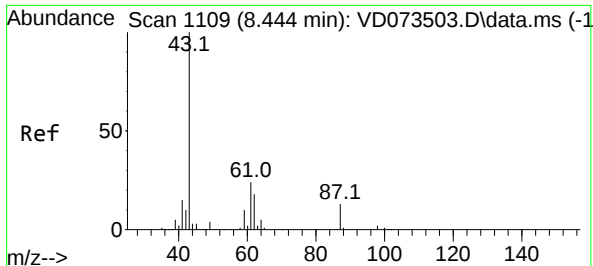


#42
1,2-Dichloroethane
Concen: 55.264 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 62 Resp: 203140

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.276 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

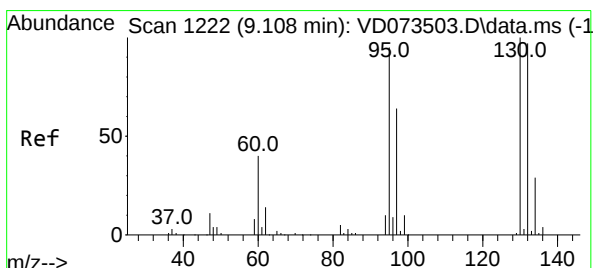
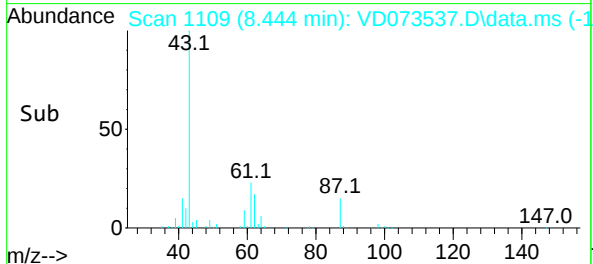
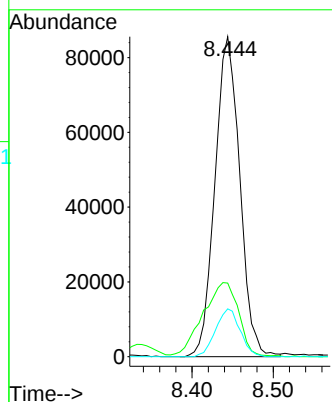
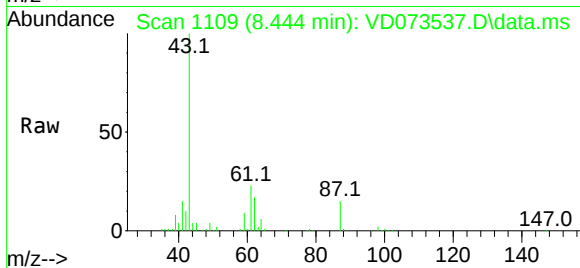
Tgt Ion: 43 Resp: 182140

Ion Ratio Lower Upper

43 100

61 33.4 22.4 33.6

87 14.7 8.7 13.1#



#44

Trichloroethene

Concen: 53.295 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD073537.D

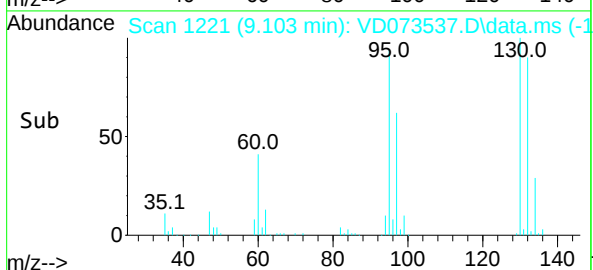
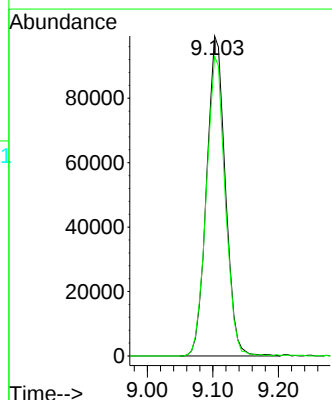
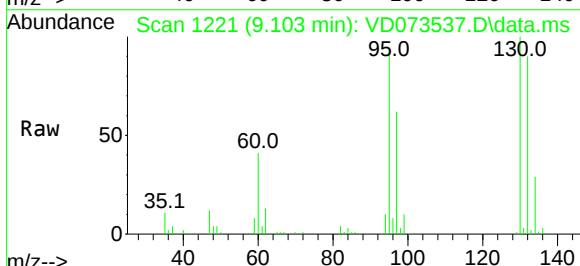
Acq: 13 Jun 2022 10:09

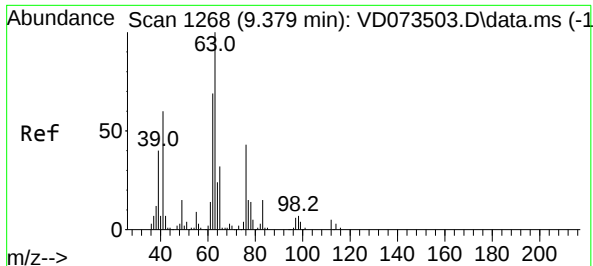
Tgt Ion:130 Resp: 197349

Ion Ratio Lower Upper

130 100

95 93.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.729 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

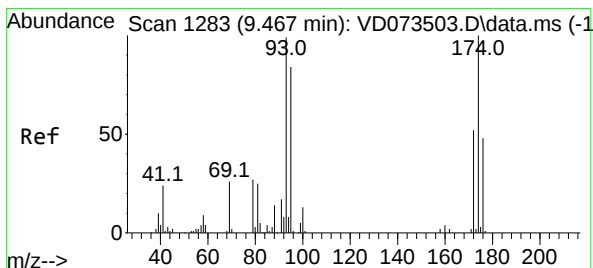
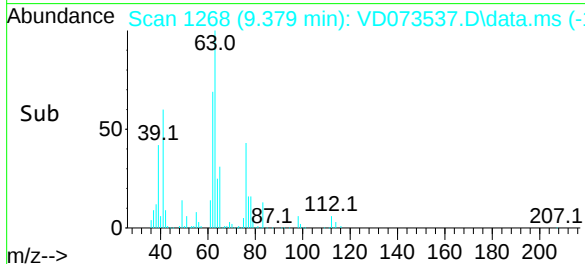
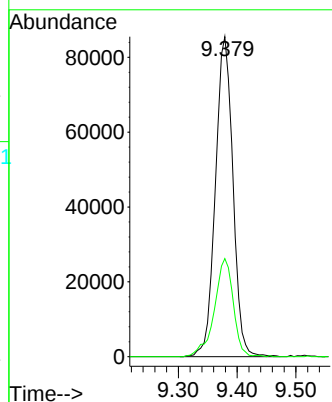
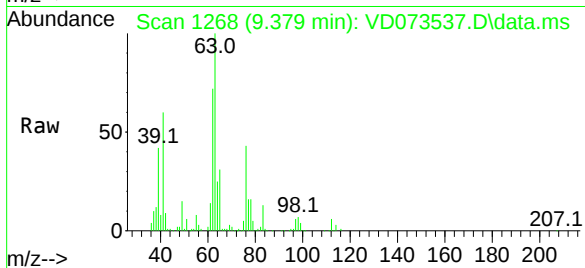
VSTDCCC050

Tgt Ion: 63 Resp: 176958

Ion Ratio Lower Upper

63 100

65 30.7 26.2 39.4



#46

Dibromomethane

Concen: 55.258 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

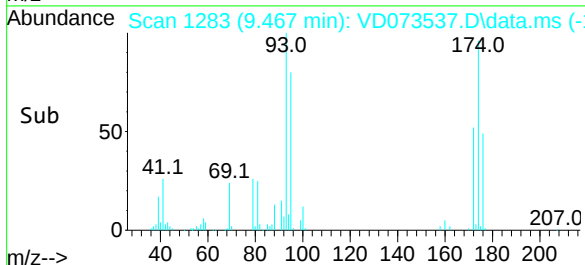
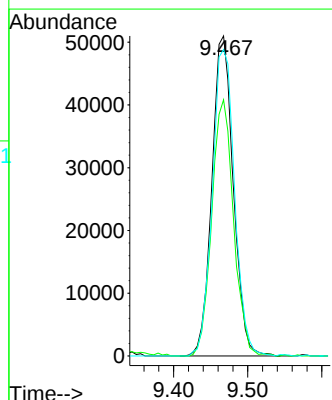
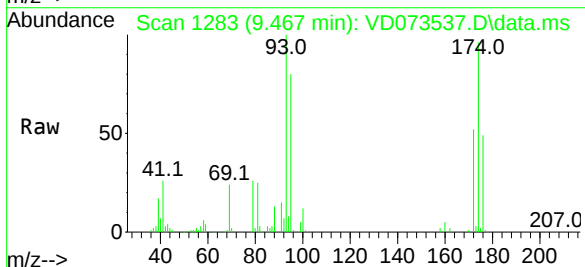
Tgt Ion: 93 Resp: 102524

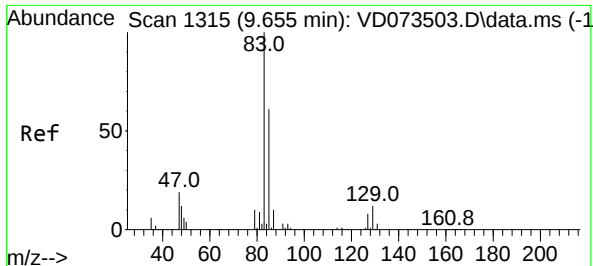
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 99.6 71.6 107.4

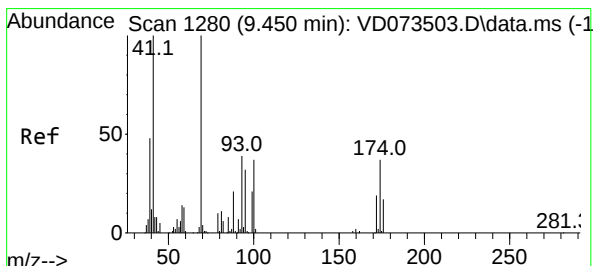
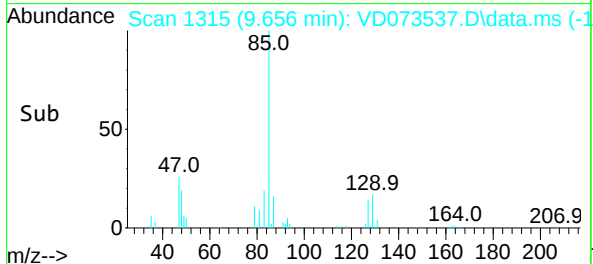
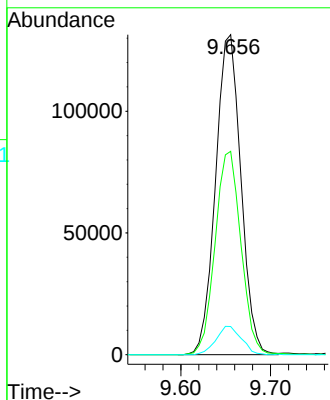
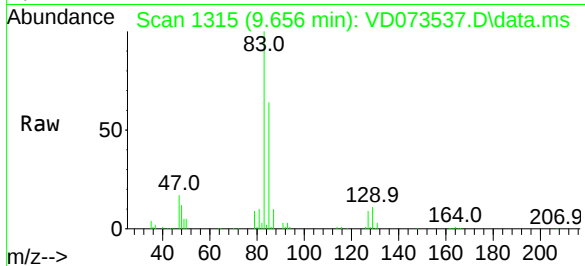




#47
Bromodichloromethane
Concen: 55.519 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.001 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

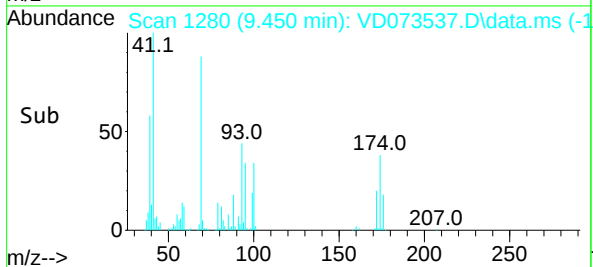
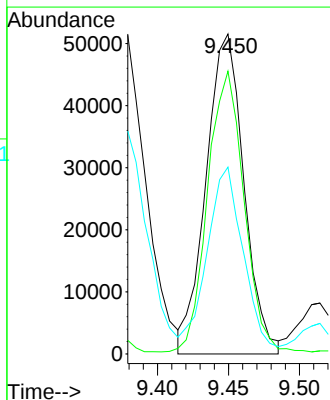
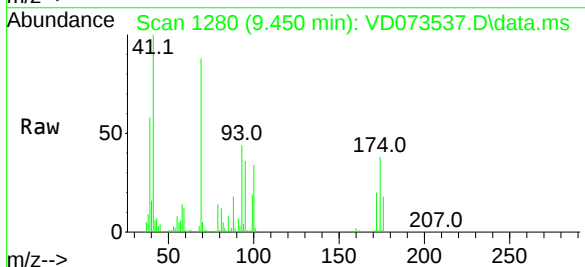
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

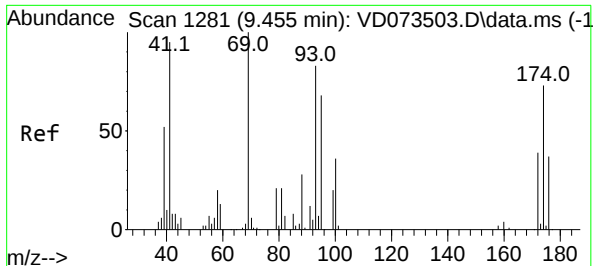
Tgt Ion: 83 Resp: 258109
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 54.384 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 41 Resp: 95692
Ion Ratio Lower Upper
41 100
69 84.3 56.7 85.1
39 51.5 42.7 64.1





#49

1,4-Dioxane

Concen: 1068.189 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

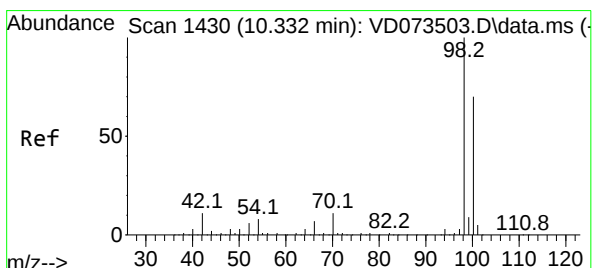
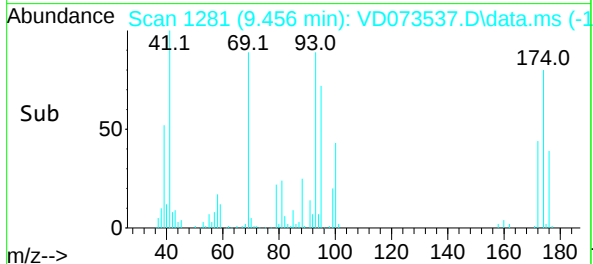
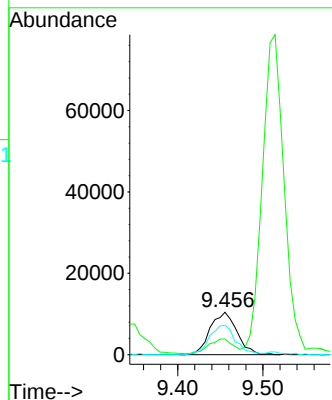
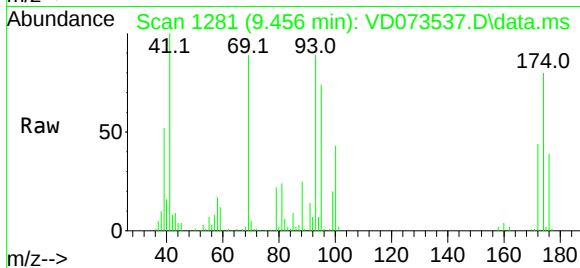
Tgt Ion: 88 Resp: 22795

Ion Ratio Lower Upper

88 100

43 31.8 31.0 46.4

58 67.3 58.1 87.1



#50

Toluene-d8

Concen: 54.501 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073537.D

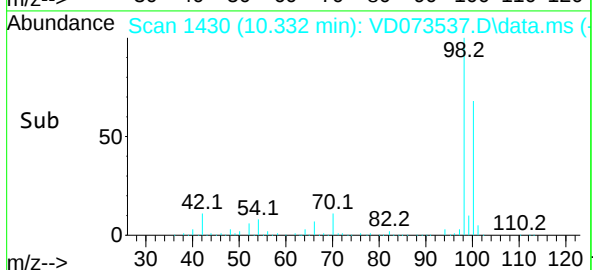
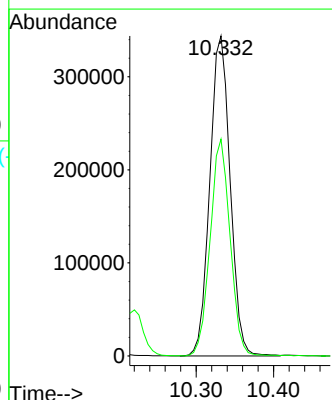
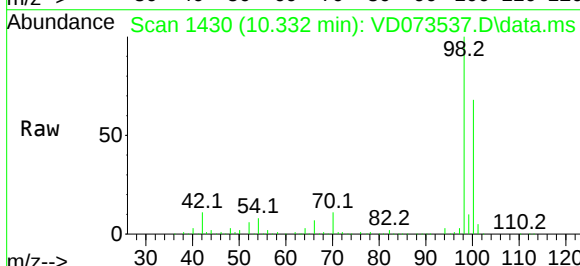
Acq: 13 Jun 2022 10:09

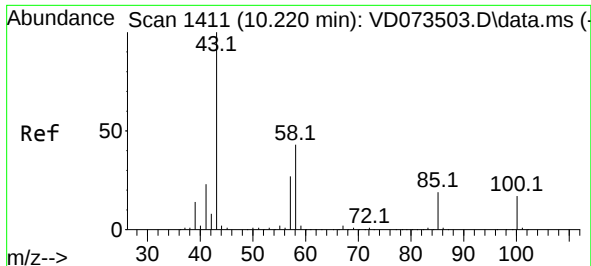
Tgt Ion: 98 Resp: 627089

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

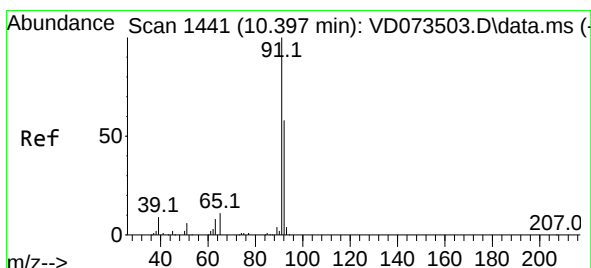
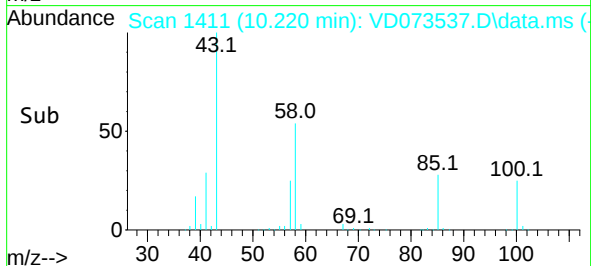
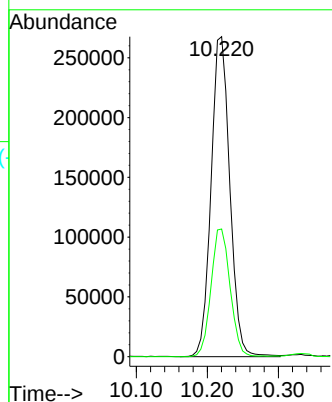
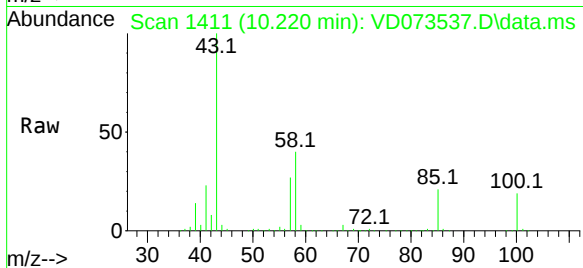




#51
4-Methyl-2-Pentanone
Concen: 273.117 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

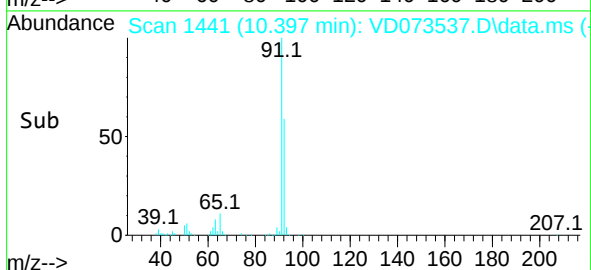
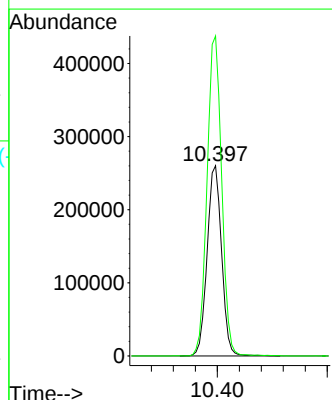
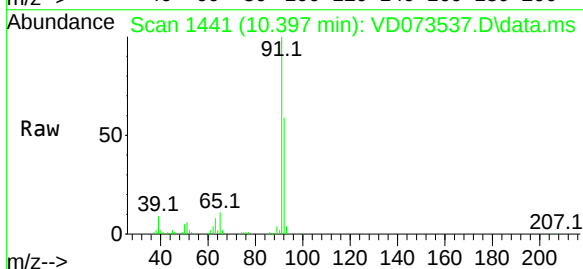
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

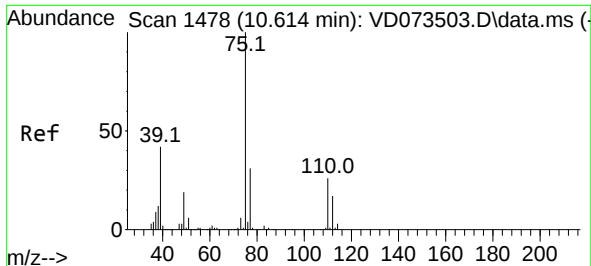
Tgt Ion: 43 Resp: 490900
Ion Ratio Lower Upper
43 100
58 40.7 28.6 43.0



#52
Toluene
Concen: 55.624 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 92 Resp: 474303
Ion Ratio Lower Upper
92 100
91 170.1 139.6 209.4

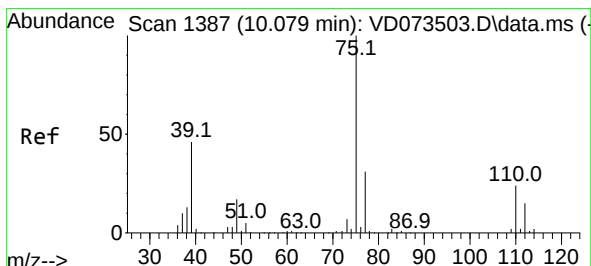
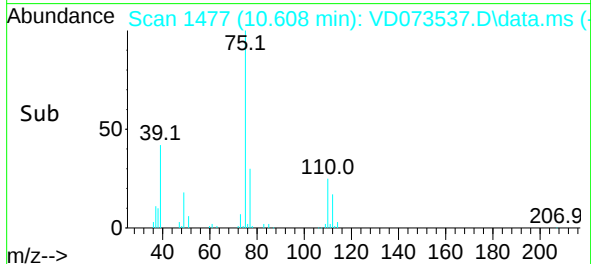
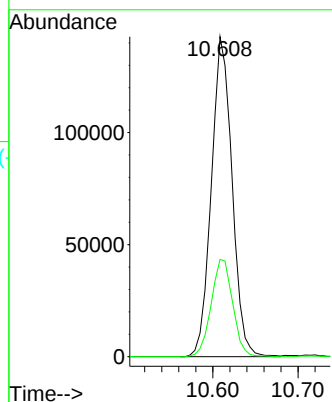
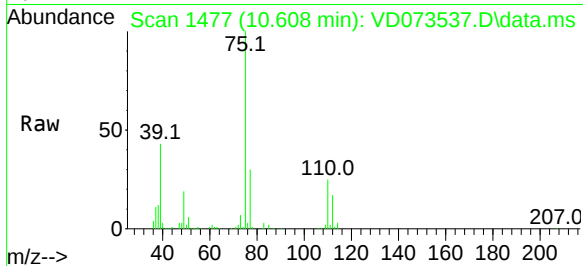




#53
t-1,3-Dichloropropene
Concen: 55.195 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

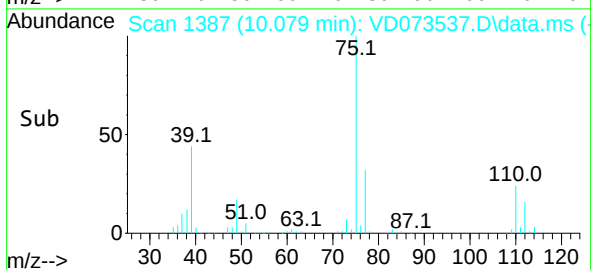
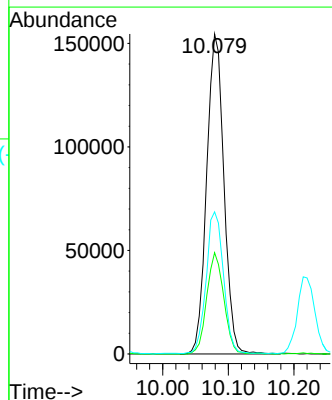
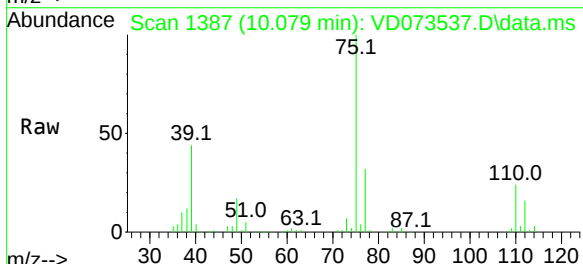
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

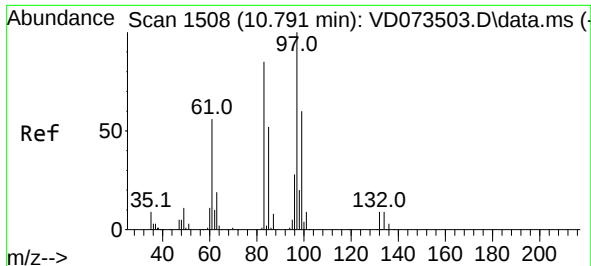
Tgt Ion: 75 Resp: 240666
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 55.470 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 75 Resp: 283265
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 44.3 46.8 70.2#

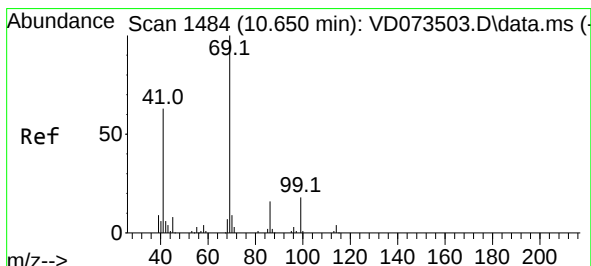
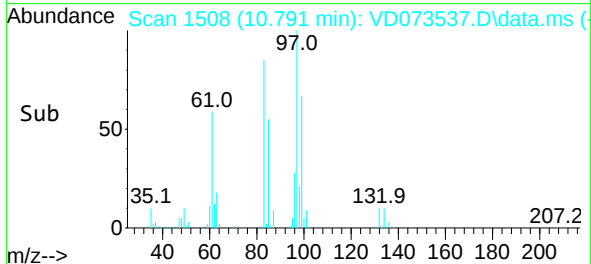
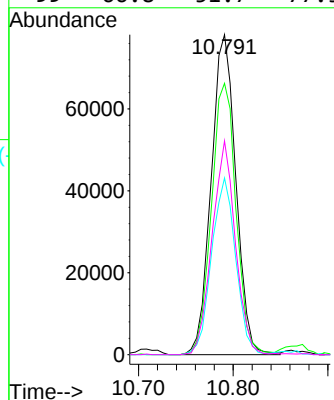
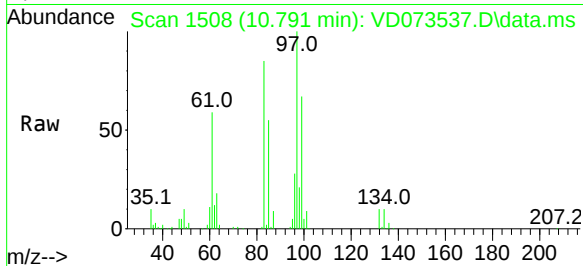




#55
1,1,2-Trichloroethane
Concen: 53.419 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

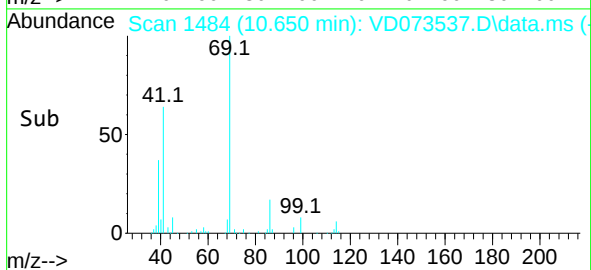
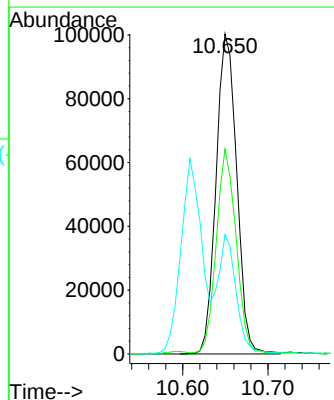
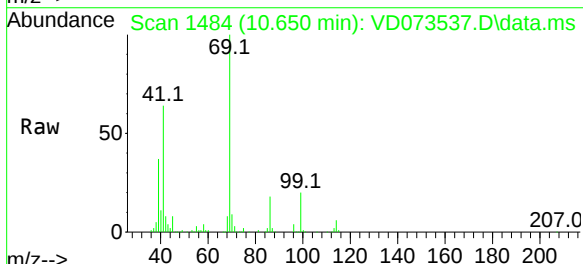
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

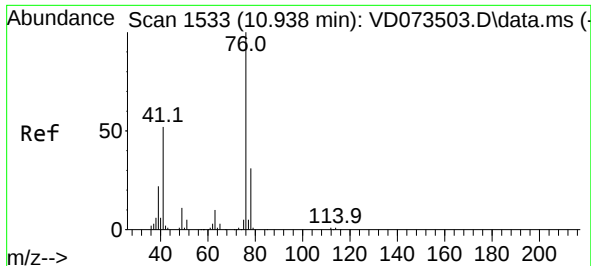
Tgt Ion: 97	Resp: 141355
Ion Ratio	Lower Upper
97 100	
83 84.8	69.0 103.4
85 55.2	42.6 63.8
99 66.8	51.7 77.5



#56
Ethyl methacrylate
Concen: 55.715 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 69	Resp: 168916
Ion Ratio	Lower Upper
69 100	
41 60.7	63.0 94.6#
39 33.1	33.8 50.8#





#57

1,3-Dichloropropane

Concen: 53.992 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

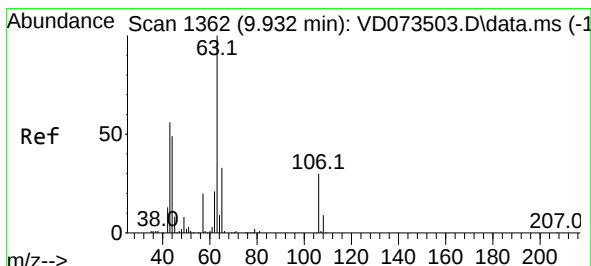
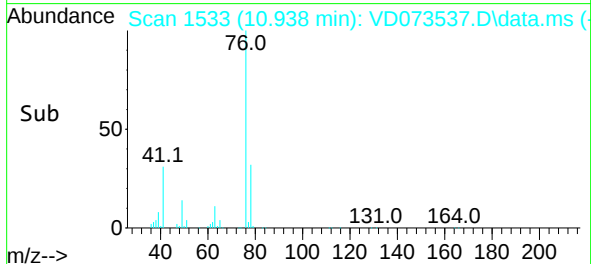
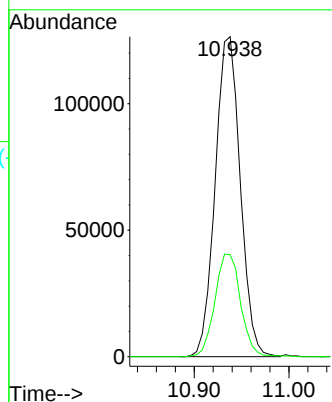
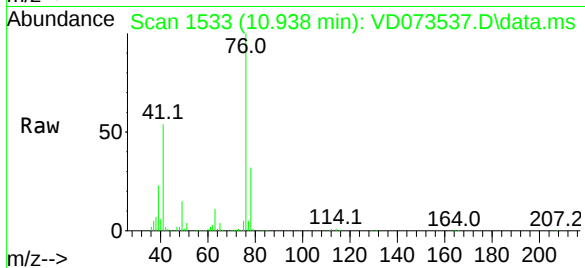
VSTDCCC050

Tgt Ion: 76 Resp: 232708

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 268.816 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073537.D

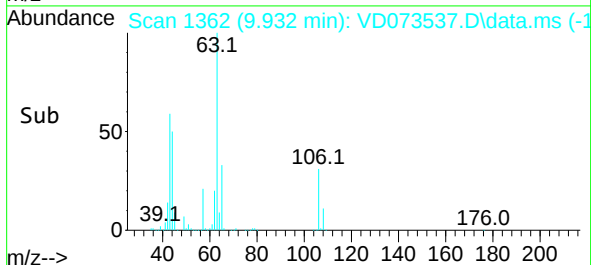
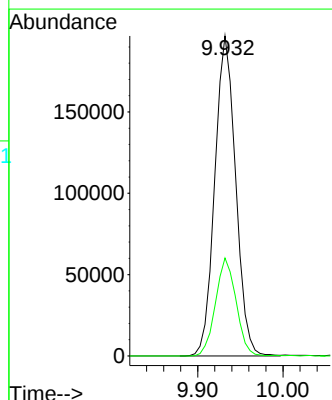
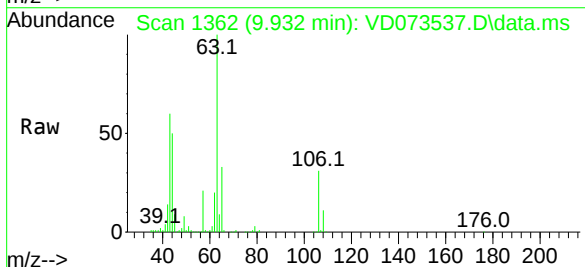
Acq: 13 Jun 2022 10:09

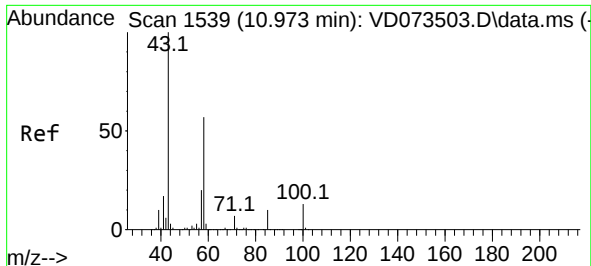
Tgt Ion: 63 Resp: 335081

Ion Ratio Lower Upper

63 100

106 30.2 21.4 32.0

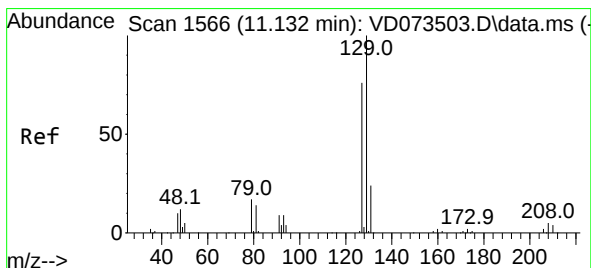
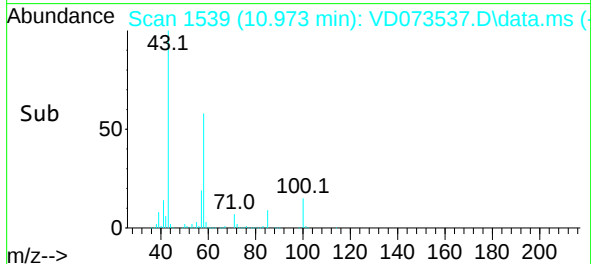
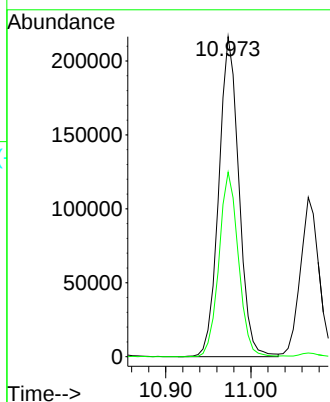
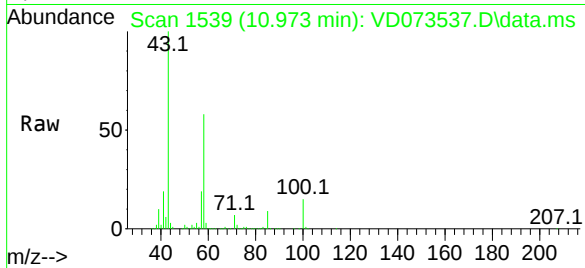




#59
2-Hexanone
Concen: 288.115 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

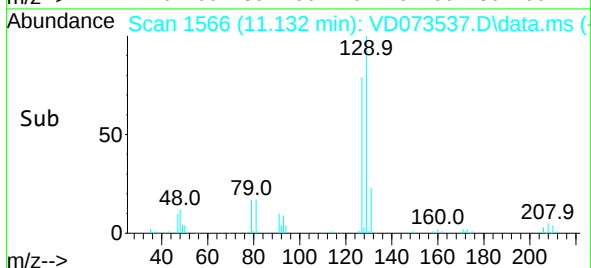
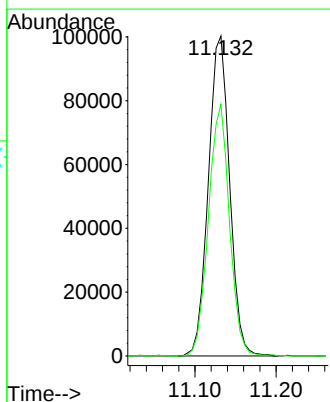
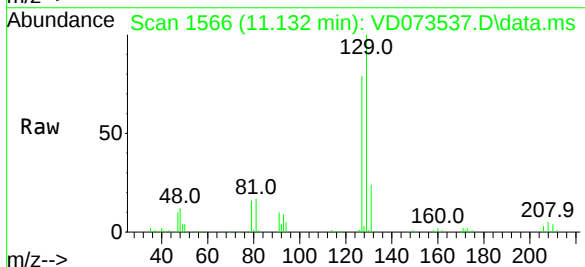
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

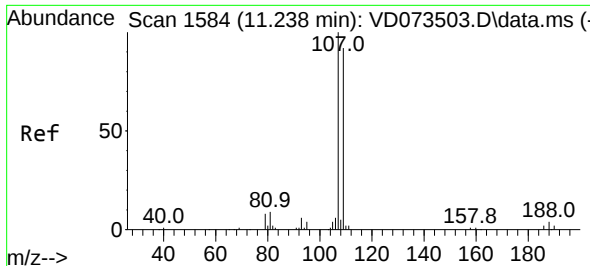
Tgt Ion: 43 Resp: 354653
Ion Ratio Lower Upper
43 100
58 55.7 25.3 75.9



#60
Dibromochloromethane
Concen: 55.820 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:129 Resp: 182306
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

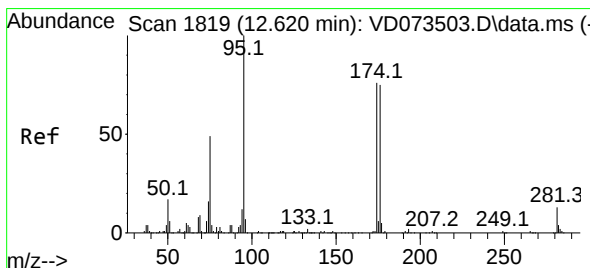
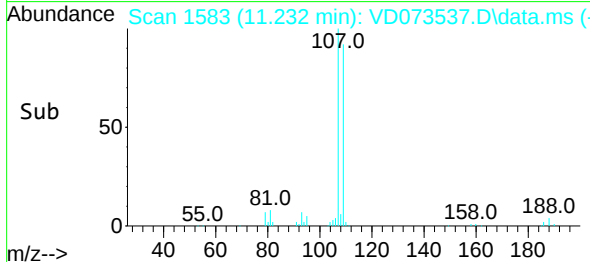
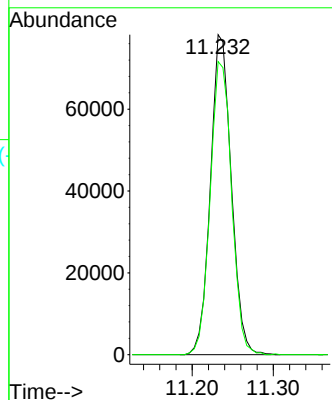
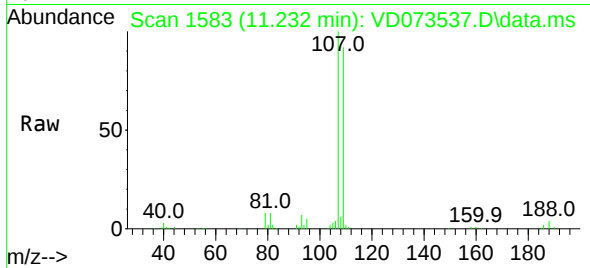




#61
1,2-Dibromoethane
Concen: 55.342 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

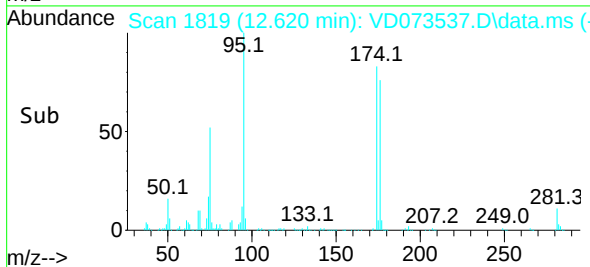
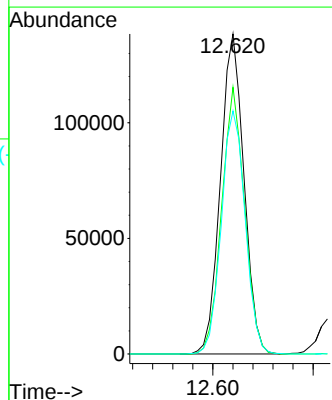
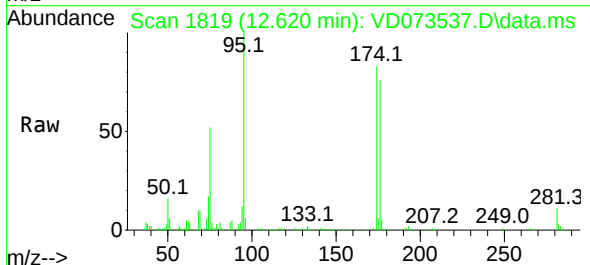
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

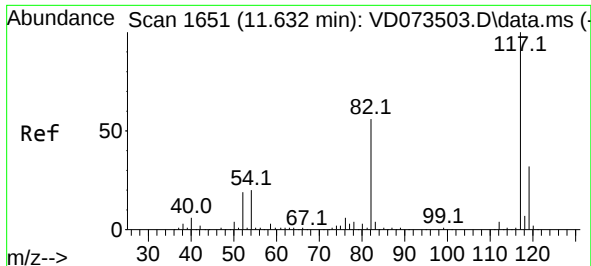
Tgt Ion:107 Resp: 139534
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.833 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 95 Resp: 224858
Ion Ratio Lower Upper
95 100
174 81.1 0.0 152.8
176 77.1 0.0 145.4

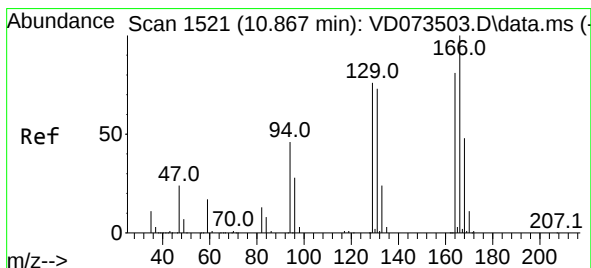
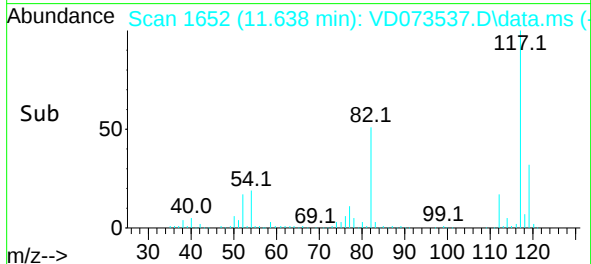
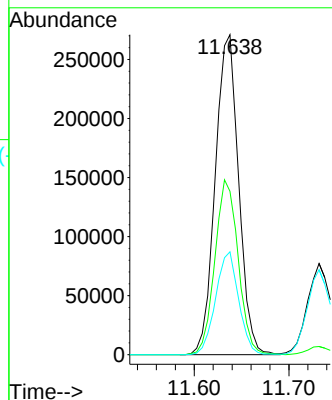
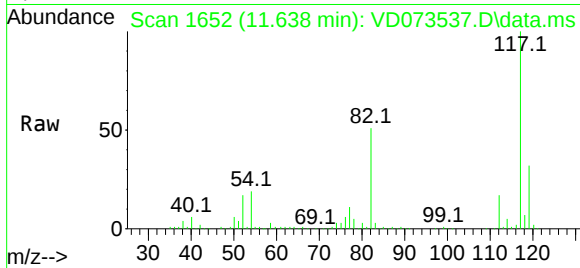




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

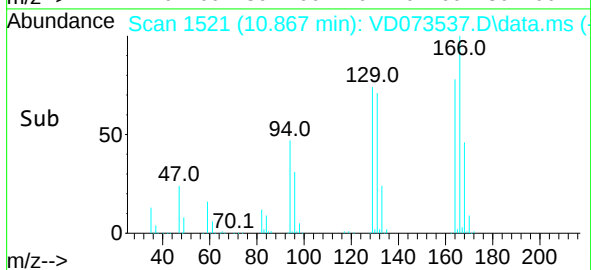
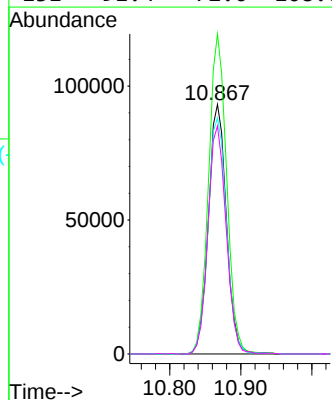
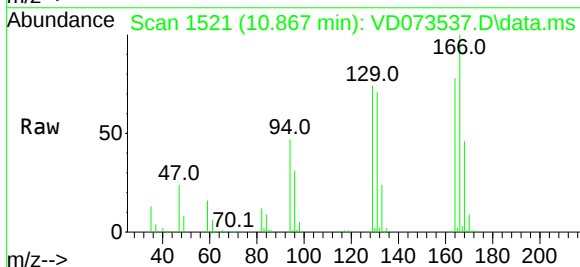
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

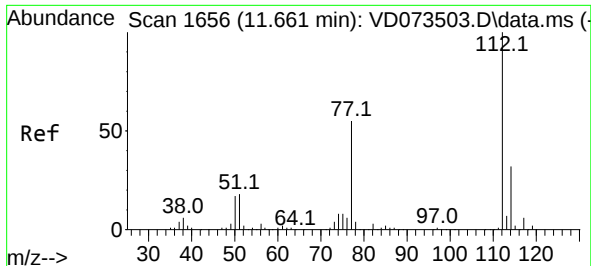
Tgt Ion:117 Resp: 466221
Ion Ratio Lower Upper
117 100
82 51.1 45.3 67.9
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 51.645 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:164 Resp: 163923
Ion Ratio Lower Upper
164 100
166 128.2 98.5 147.7
129 94.5 74.6 111.8
131 91.4 72.0 108.0

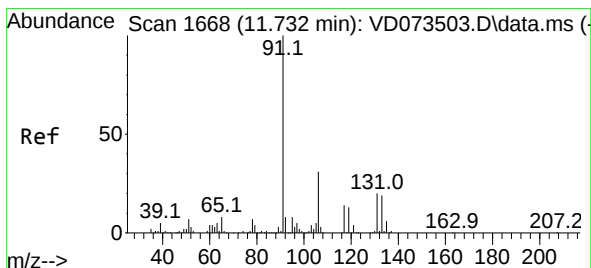
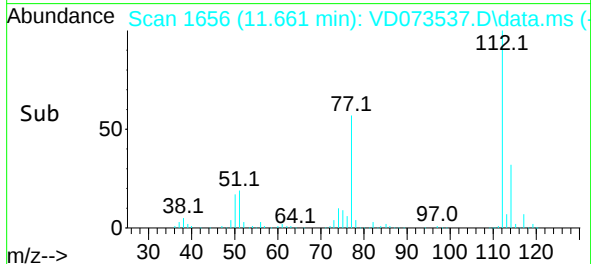
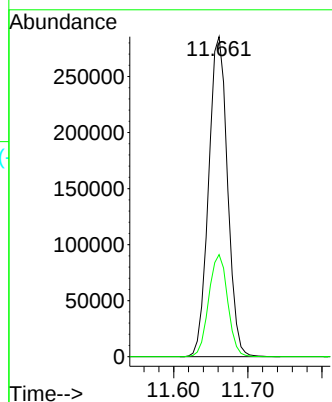
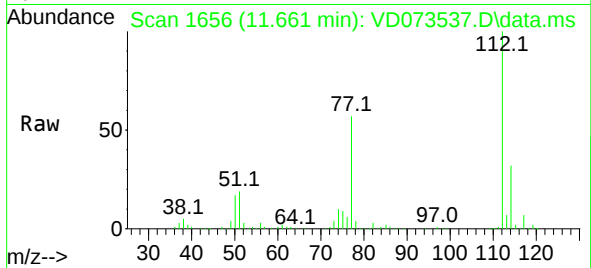




#65
Chlorobenzene
Concen: 52.751 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

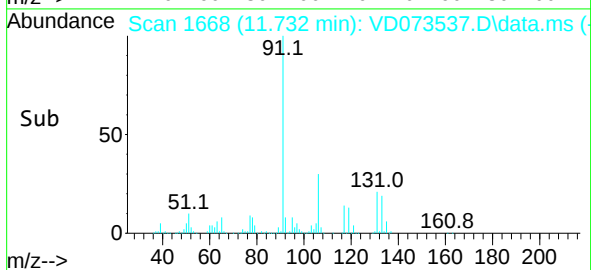
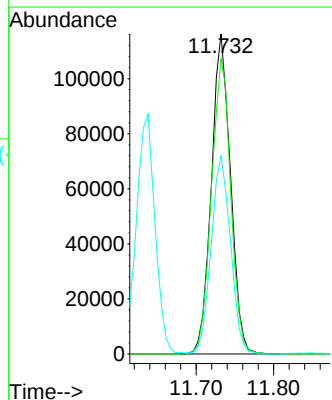
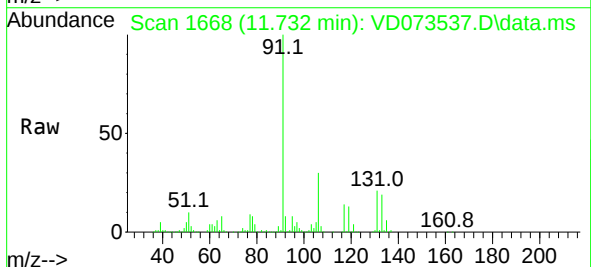
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

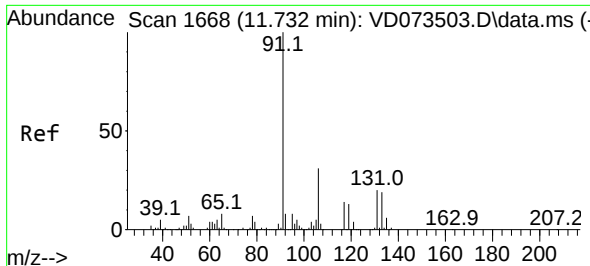
Tgt Ion:112 Resp: 506019
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.618 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:131 Resp: 198788
Ion Ratio Lower Upper
131 100
133 93.2 48.1 144.3
119 62.9 31.9 95.9

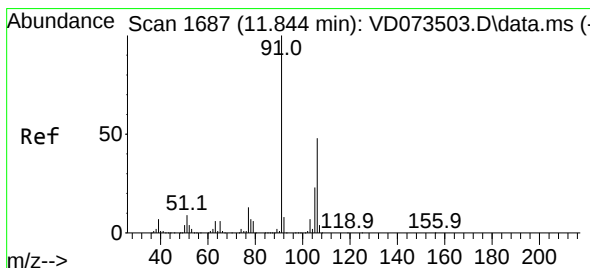
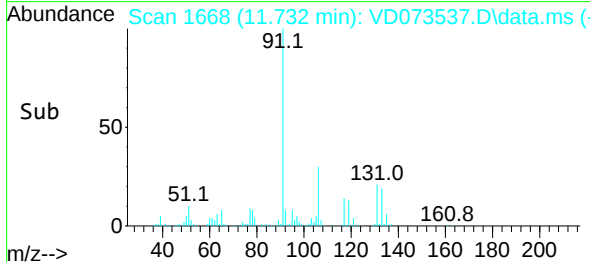
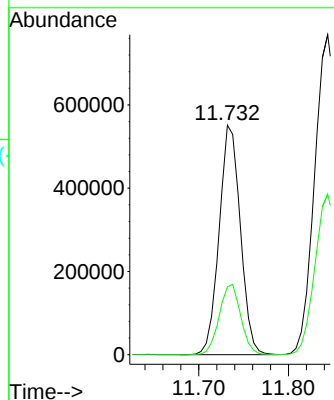
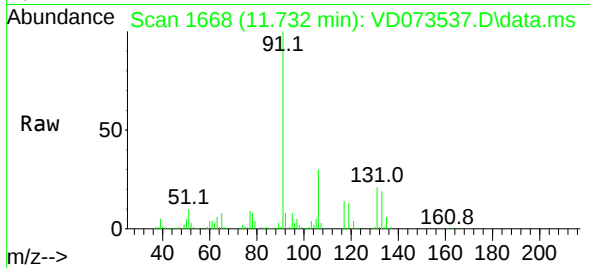




#67
Ethyl Benzene
Concen: 53.974 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

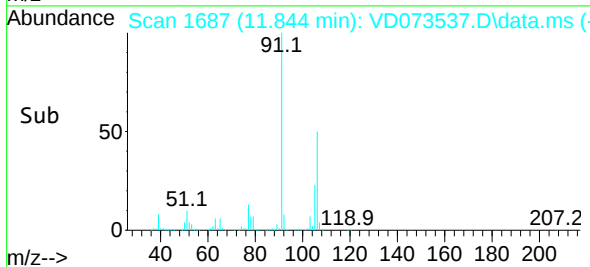
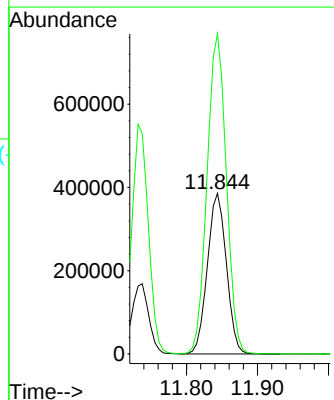
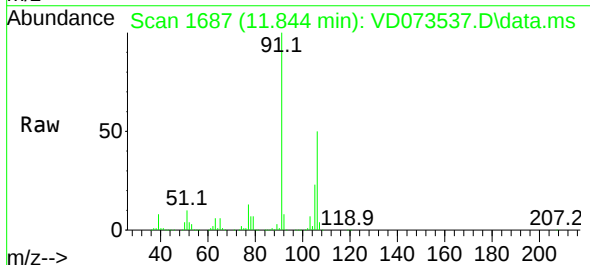
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

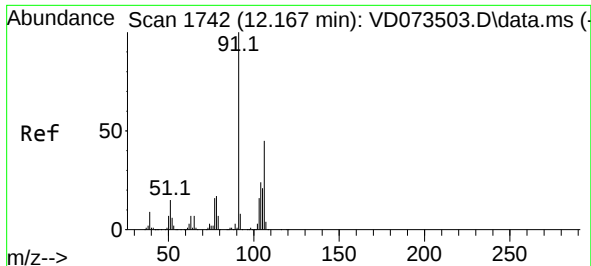
Tgt Ion: 91 Resp: 904788
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 109.041 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 106 Resp: 717320
Ion Ratio Lower Upper
106 100
91 202.0 163.7 245.5

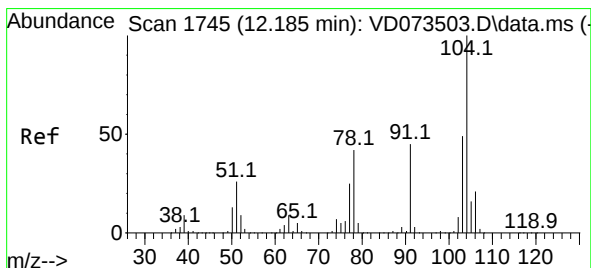
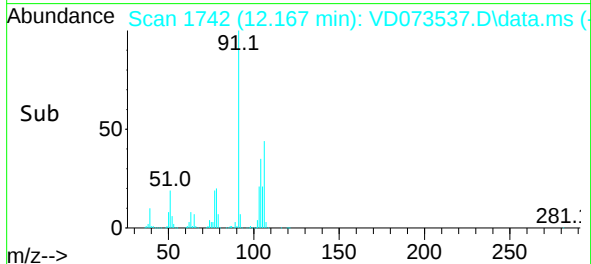
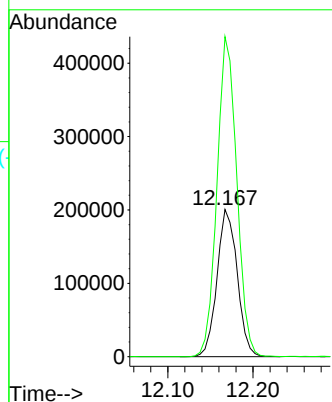
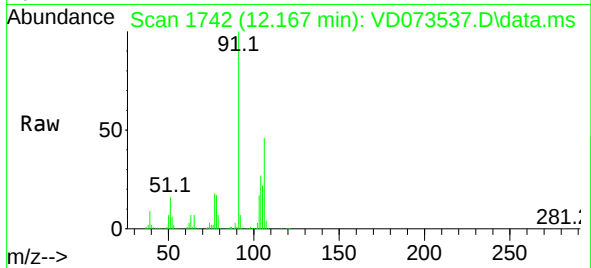




#69
o-Xylene
Concen: 54.641 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

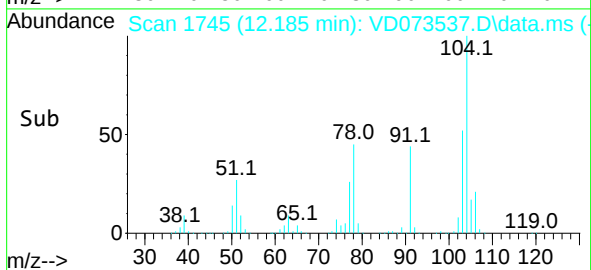
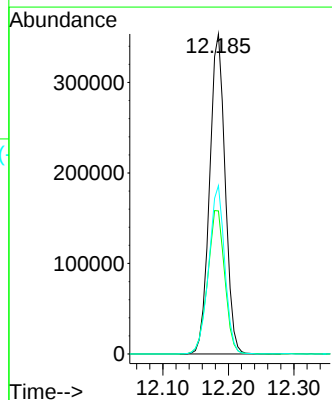
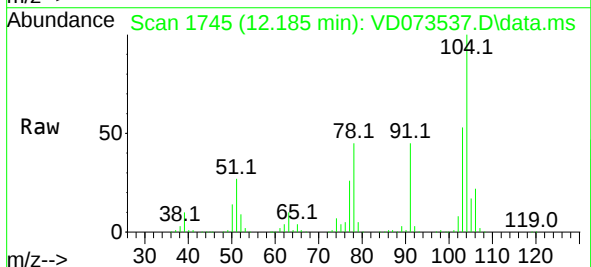
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

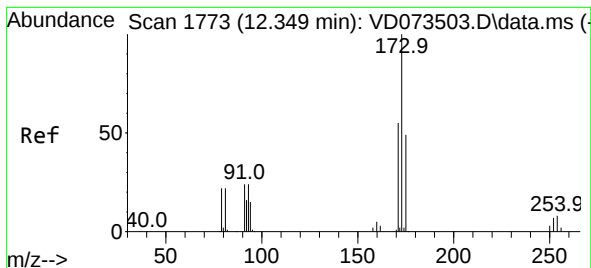
Tgt Ion:106 Resp: 330748
Ion Ratio Lower Upper
106 100
91 213.2 110.4 331.2



#70
Styrene
Concen: 55.838 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:104 Resp: 583012
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 54.2 44.2 66.4





#71

Bromoform

Concen: 55.161 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

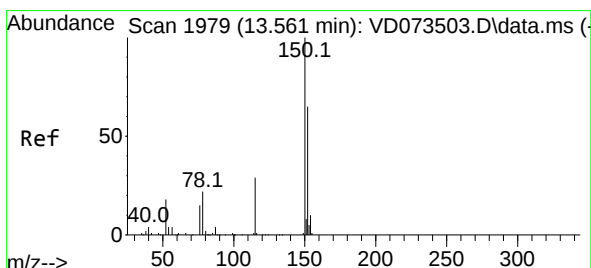
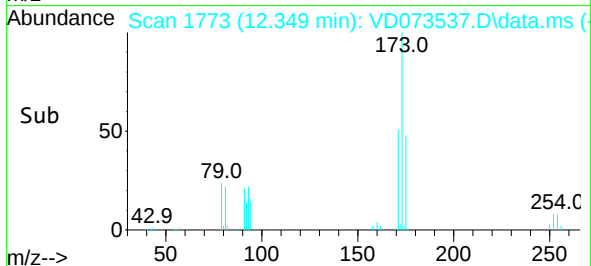
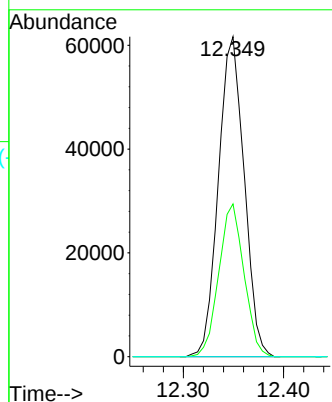
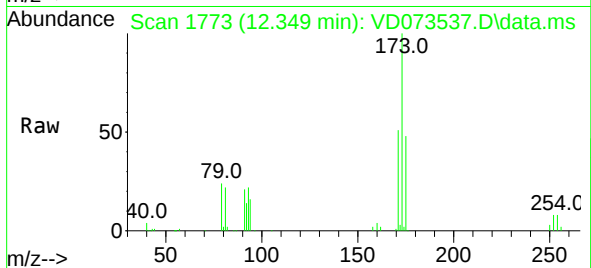
Tgt Ion:173 Resp: 109778

Ion Ratio Lower Upper

173 100

175 46.7 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

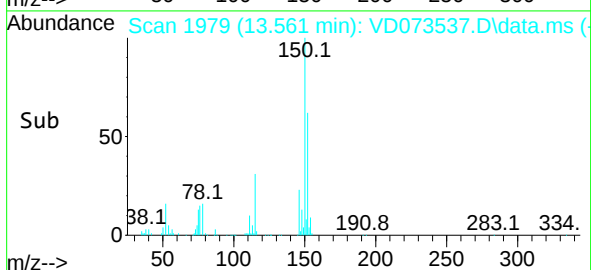
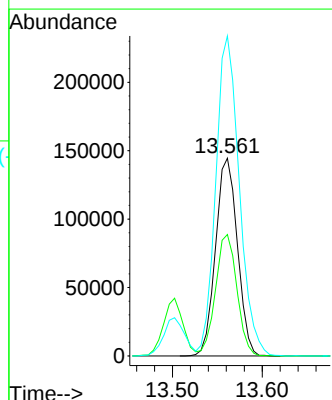
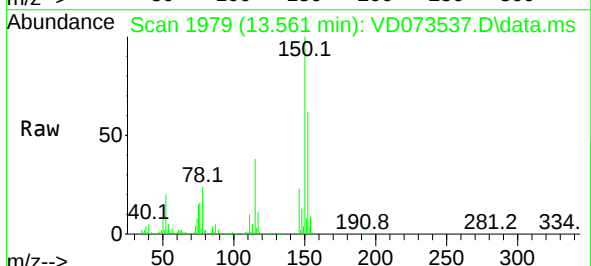
Tgt Ion:152 Resp: 244219

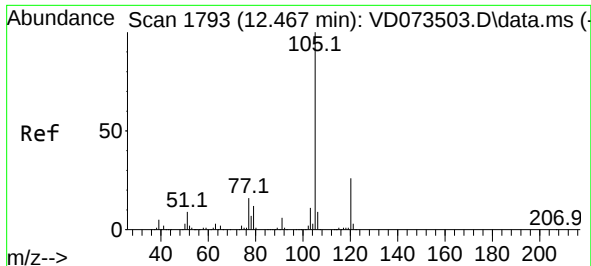
Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 174.1 0.0 348.6

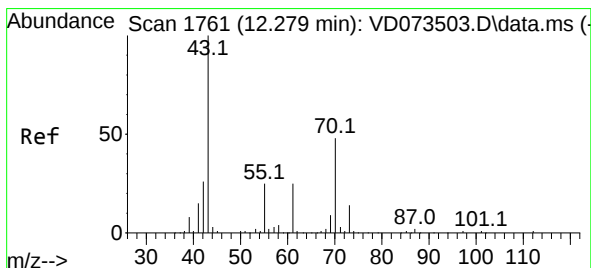
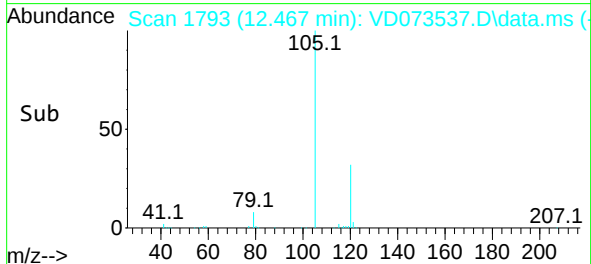
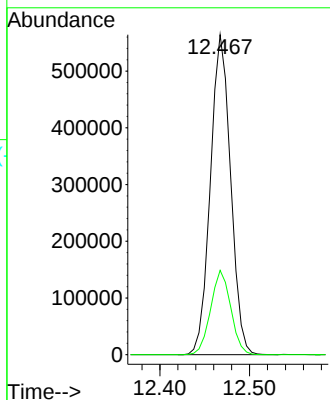
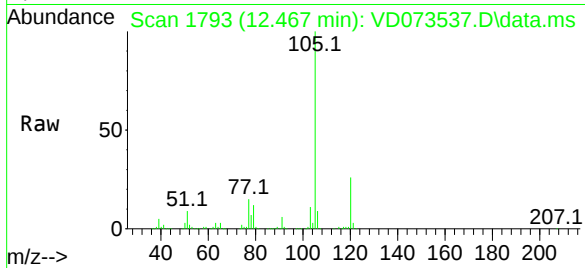




#73
Isopropylbenzene
Concen: 52.142 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

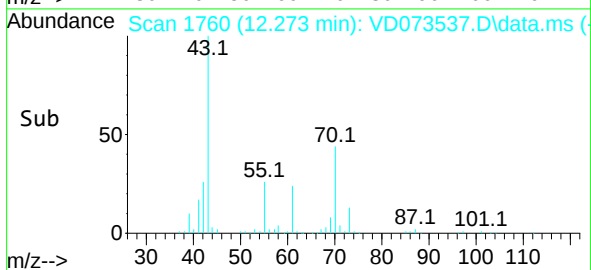
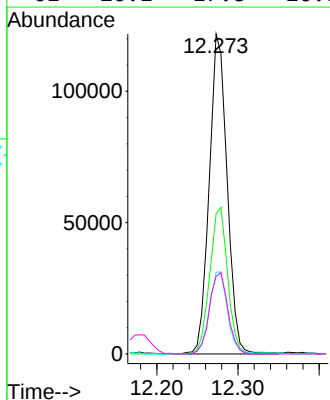
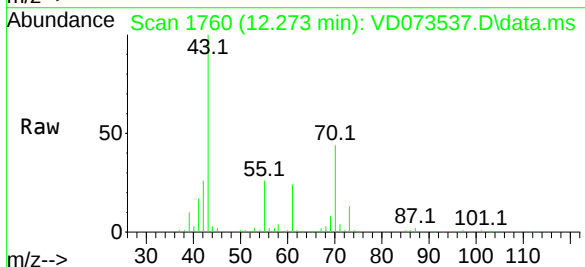
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

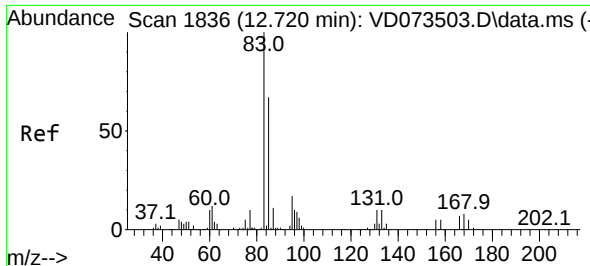
Tgt Ion:105 Resp: 882649
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 49.490 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 43 Resp: 186367
Ion Ratio Lower Upper
43 100
70 45.7 31.3 46.9
55 26.4 20.0 30.0
61 26.1 17.8 26.8

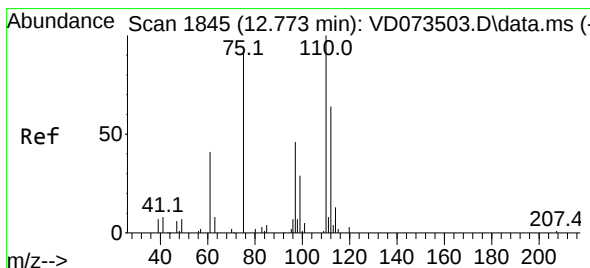
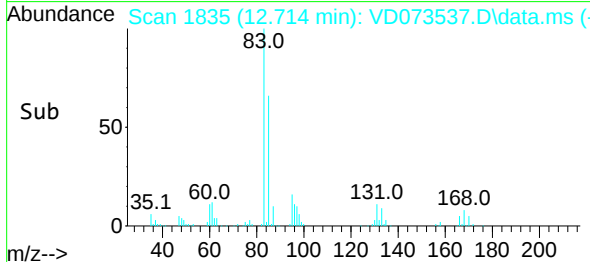
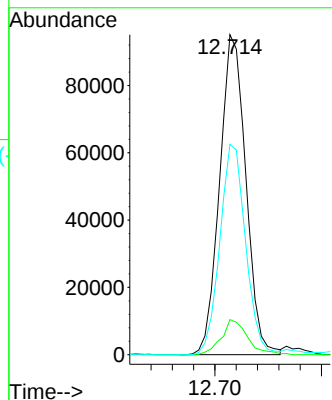
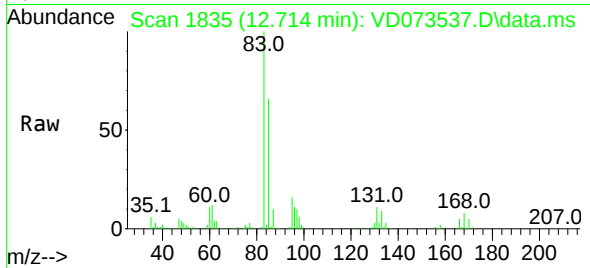




#75
1,1,2,2-Tetrachloroethane
Concen: 50.480 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

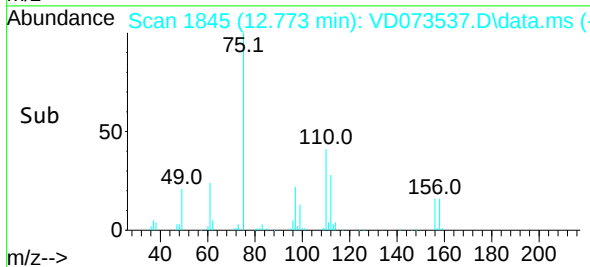
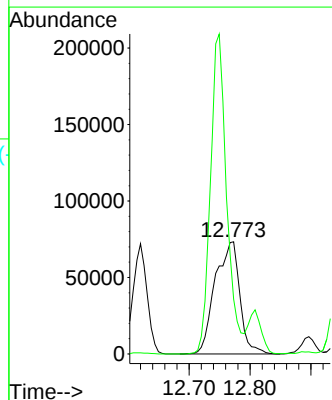
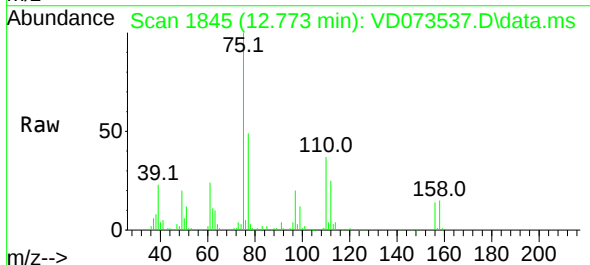
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

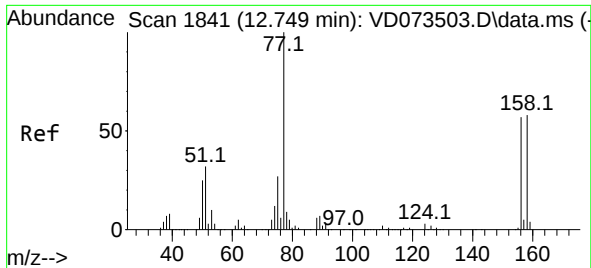
Tgt Ion: 83 Resp: 162216
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 64.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 87.148 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 75 Resp: 206757
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

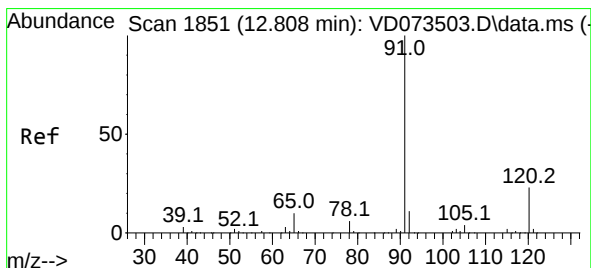
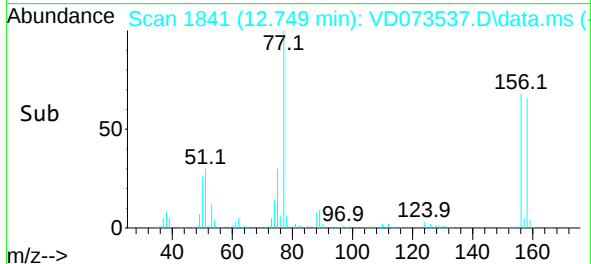
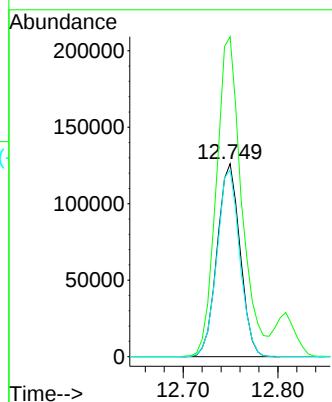
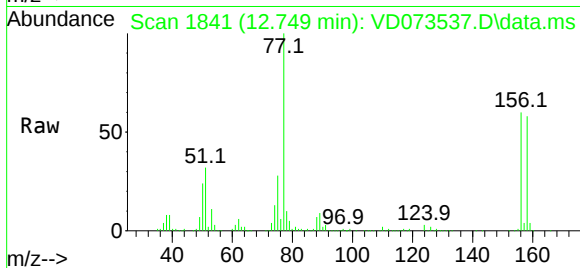




#77
Bromobenzene
Concen: 51.247 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

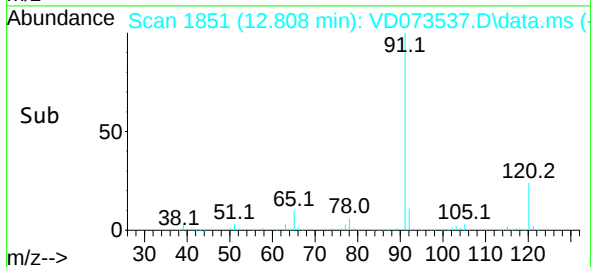
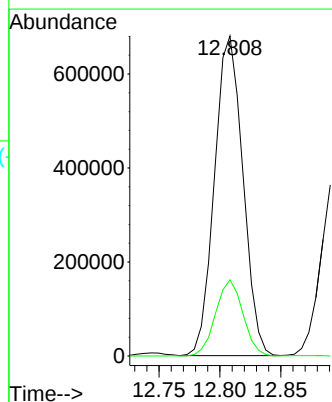
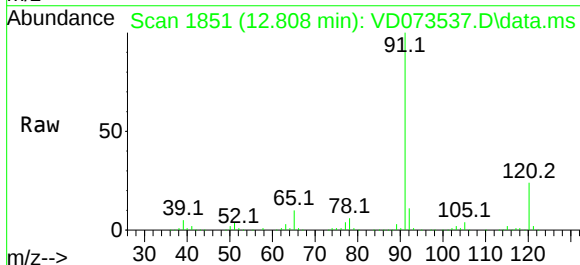
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

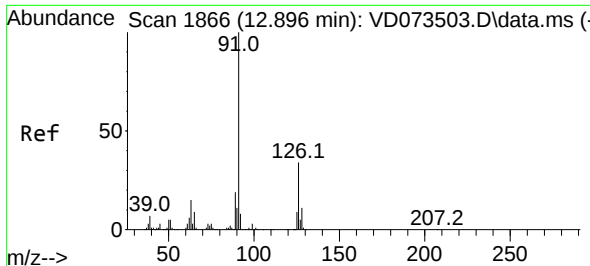
Tgt Ion:156 Resp: 211859
Ion Ratio Lower Upper
156 100
77 183.6 102.8 308.3
158 96.5 48.7 146.1



#78
n-propylbenzene
Concen: 52.373 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 91 Resp: 1103528
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9

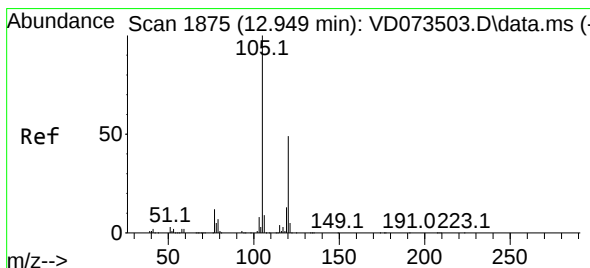
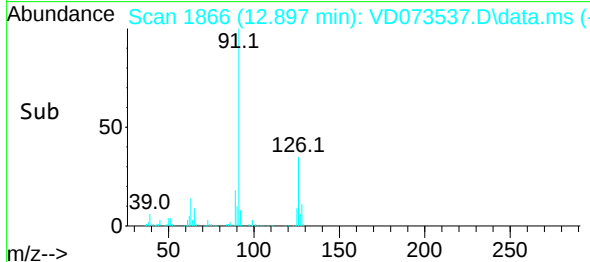
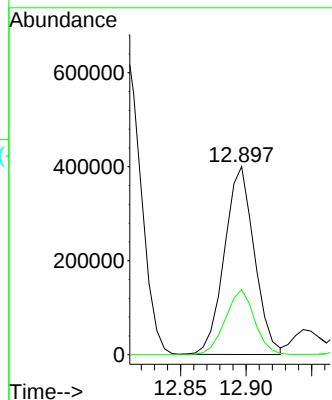
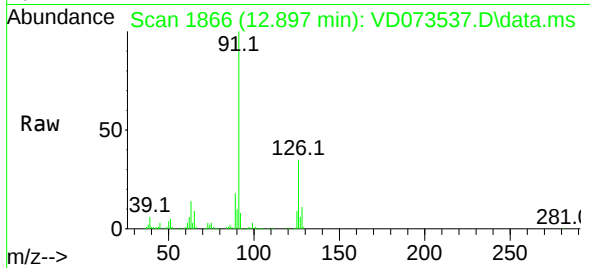




#79
2-Chlorotoluene
Concen: 51.750 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.001 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

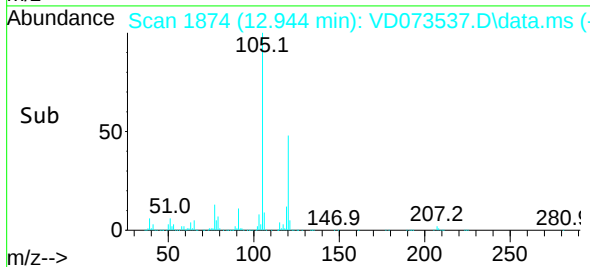
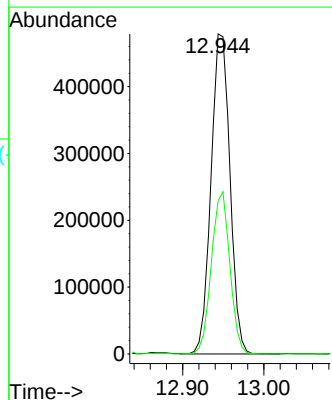
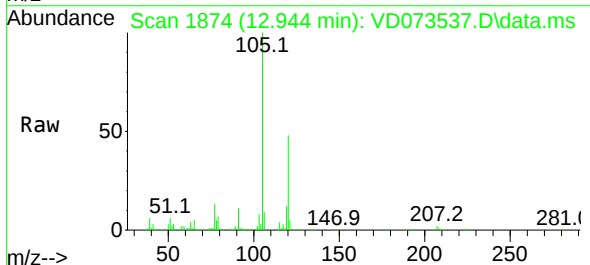
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

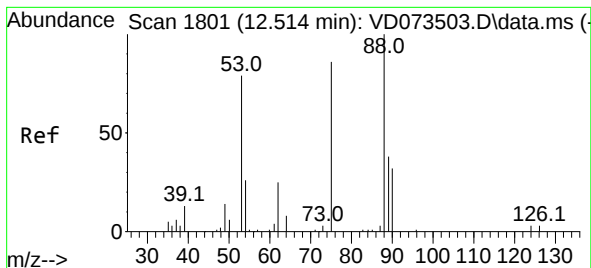
Tgt Ion: 91 Resp: 633817
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.126 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 105 Resp: 775620
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

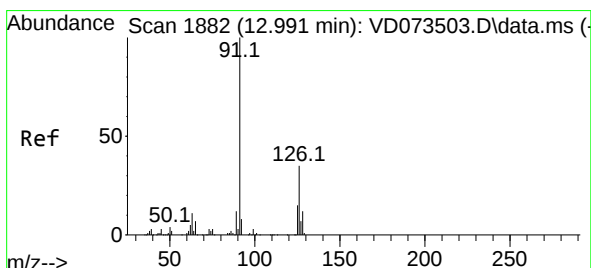
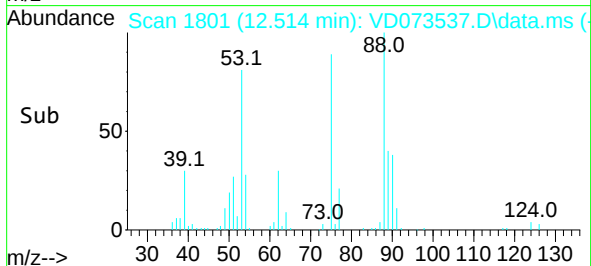
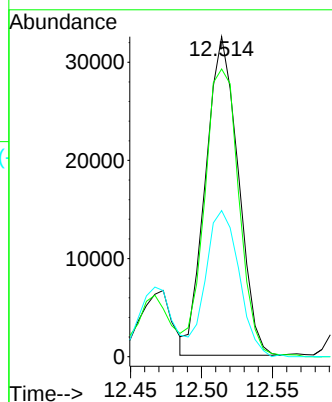
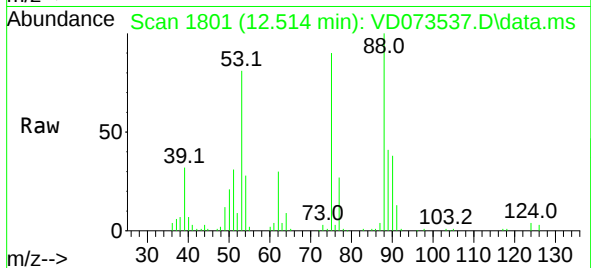




#81
trans-1,4-Dichloro-2-butene
Concen: 51.359 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

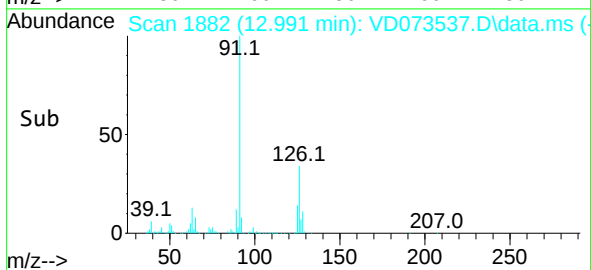
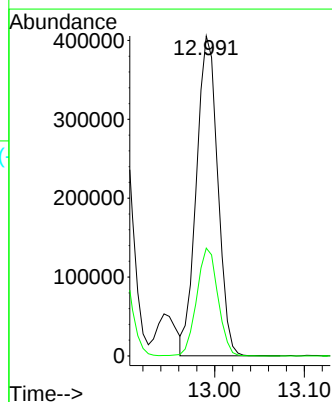
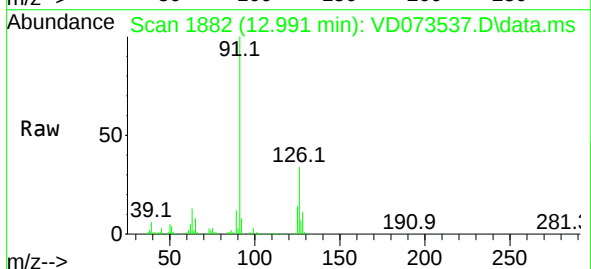
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

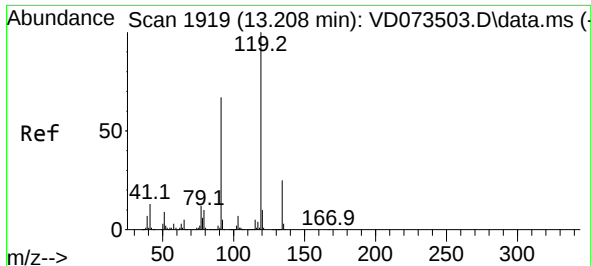
Tgt Ion: 75 Resp: 51913
Ion Ratio Lower Upper
75 100
53 95.6 86.5 129.7
89 46.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.671 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 91 Resp: 667177
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

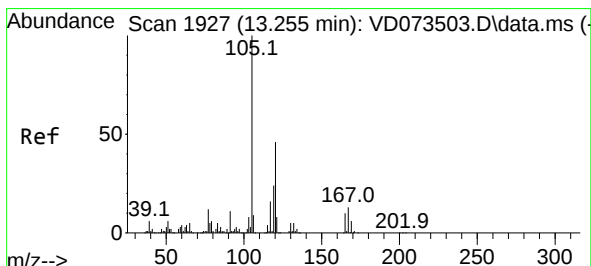
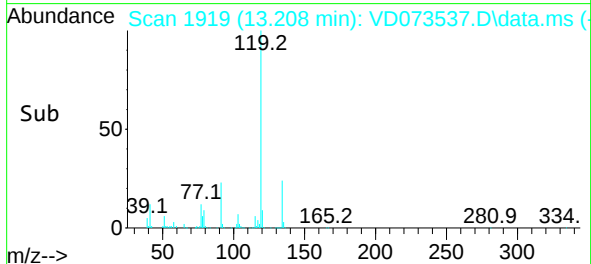
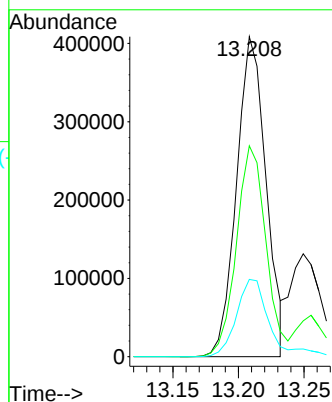
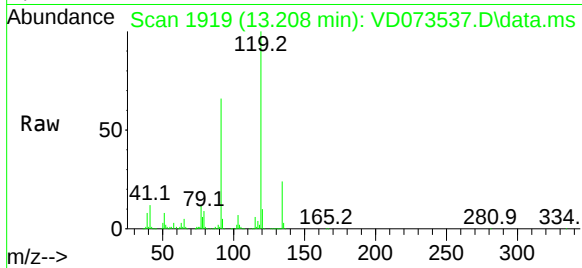




#83
tert-Butylbenzene
Concen: 51.824 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

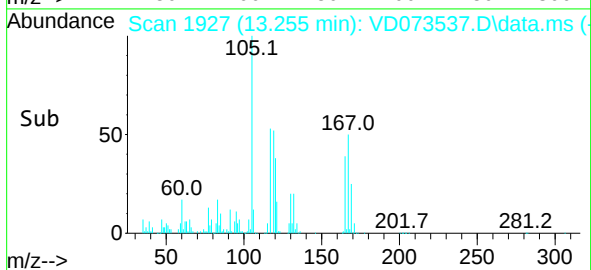
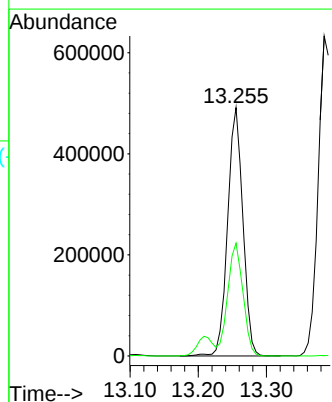
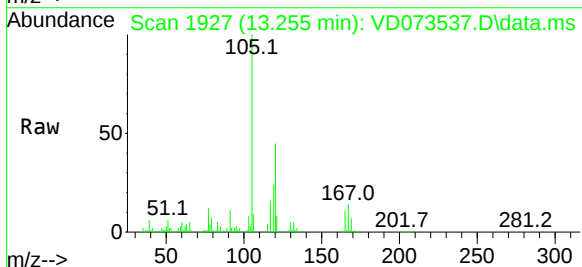
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

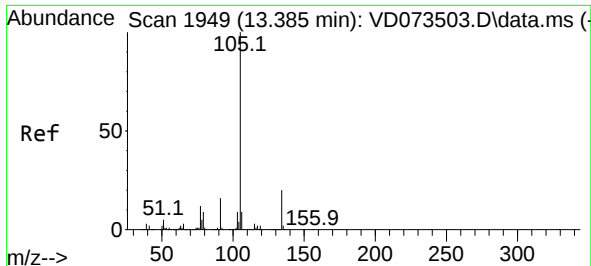
Tgt Ion:119 Resp: 639464
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.5
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.391 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:105 Resp: 763422
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8

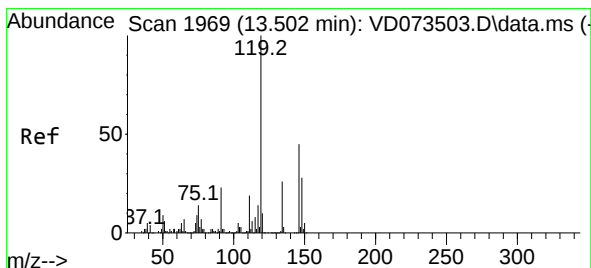
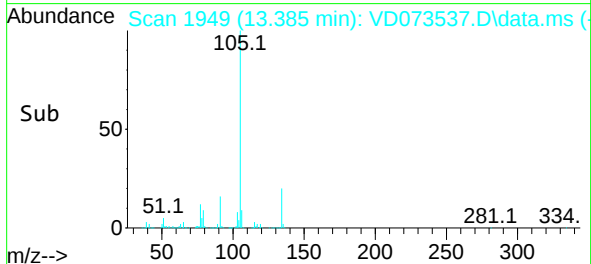
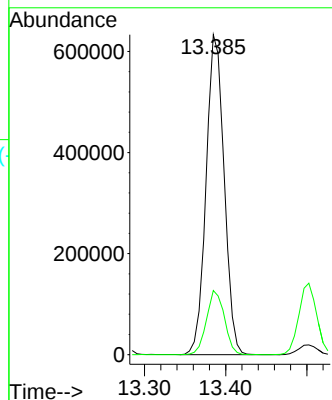
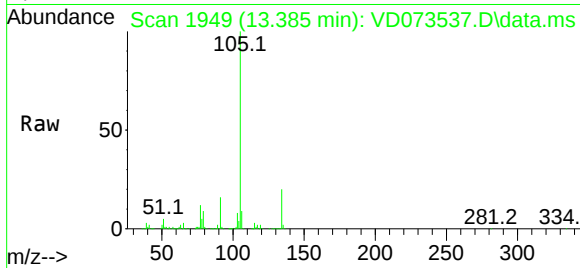




#85
 sec-Butylbenzene
 Concen: 52.788 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

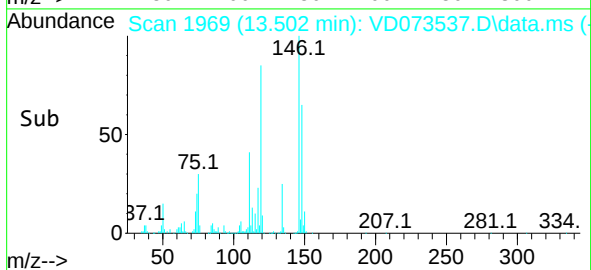
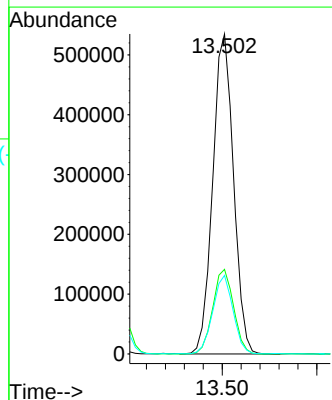
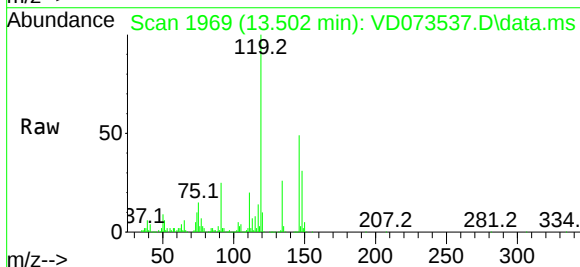
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

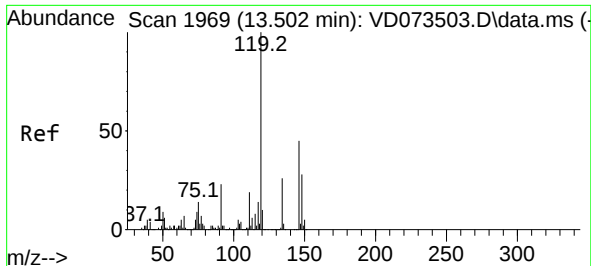
Tgt Ion:105 Resp: 975755
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.759 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

Tgt Ion:119 Resp: 812943
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.862 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

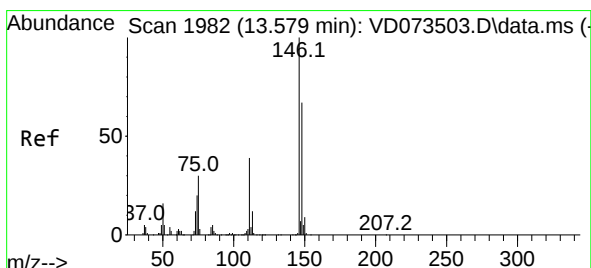
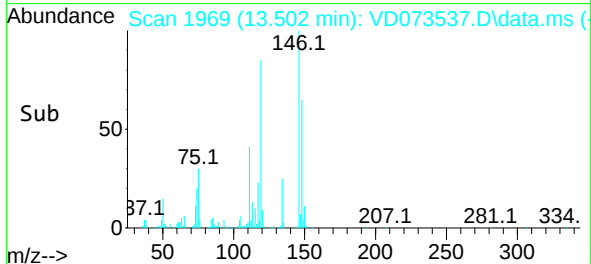
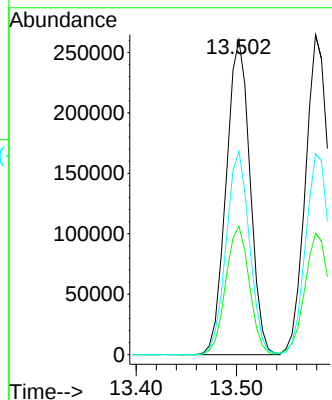
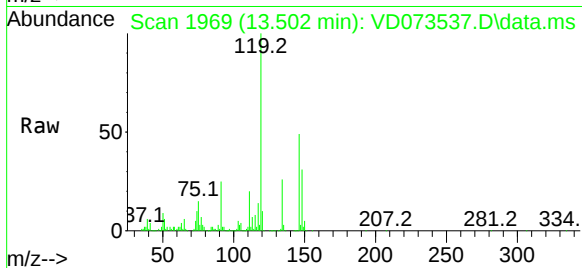
Tgt Ion:146 Resp: 429349

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 51.275 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

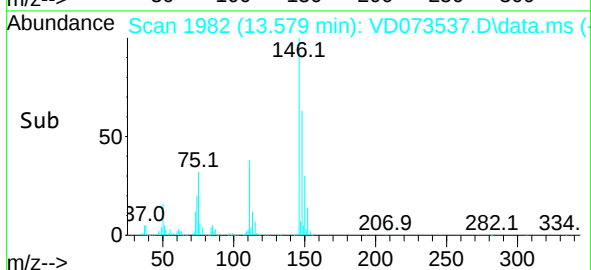
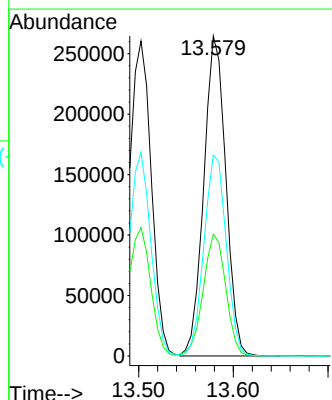
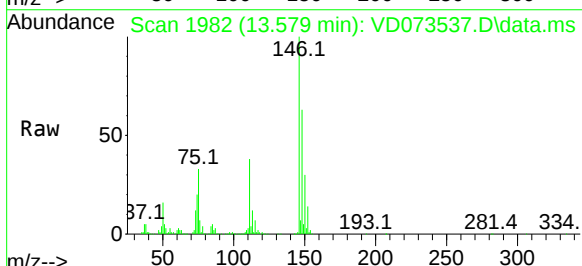
Tgt Ion:146 Resp: 428192

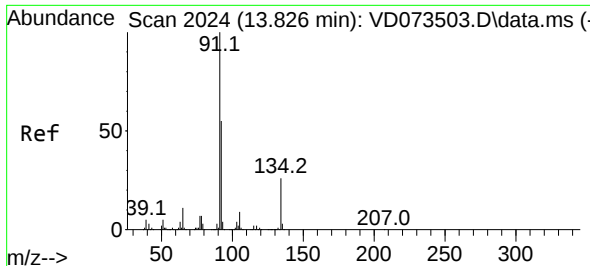
Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 63.9 31.7 95.1

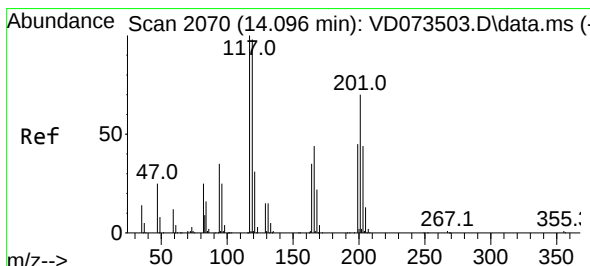
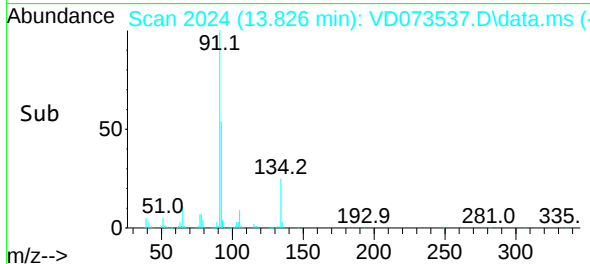
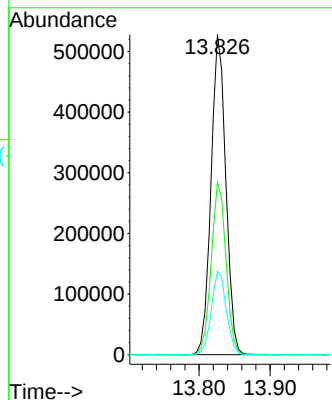
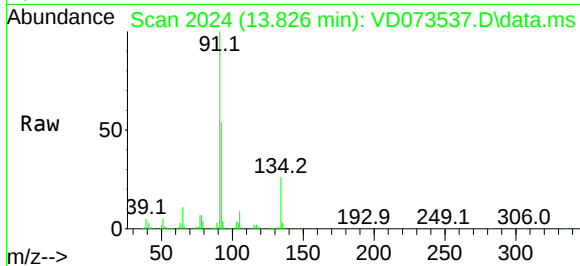




#89
n-Butylbenzene
Concen: 52.511 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

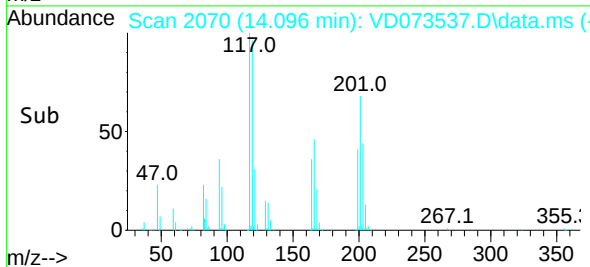
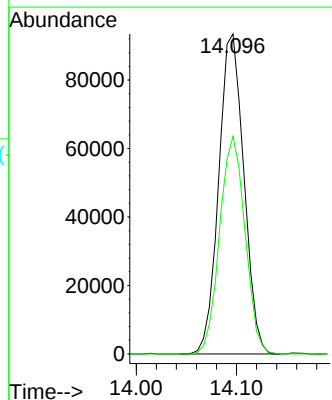
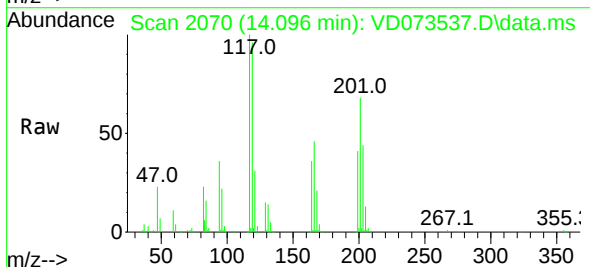
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

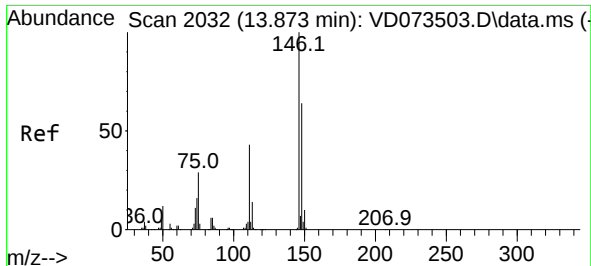
Tgt Ion: 91 Resp: 763275
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 26.4 12.3 36.9



#90
Hexachloroethane
Concen: 50.867 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion: 117 Resp: 162316
Ion Ratio Lower Upper
117 100
201 68.6 33.4 100.2

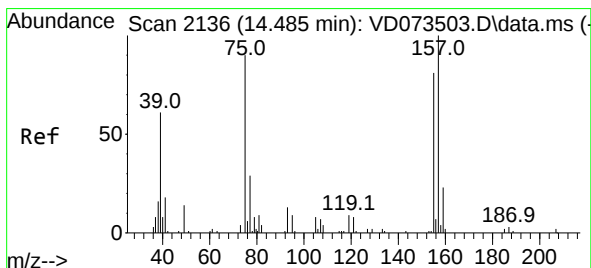
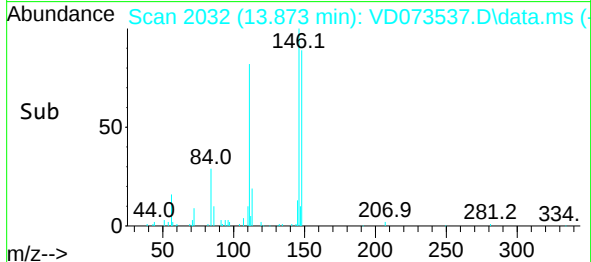
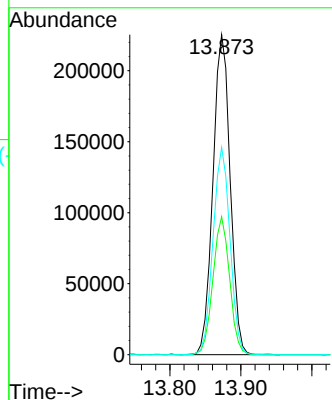
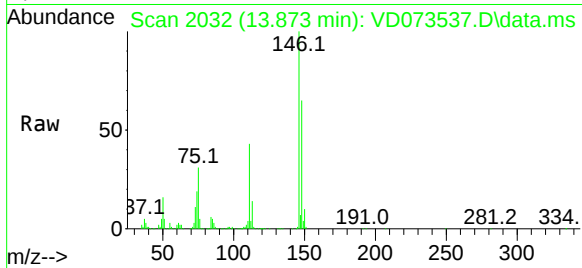




#91
 1,2-Dichlorobenzene
 Concen: 52.040 ug/l
 RT: 13.873 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

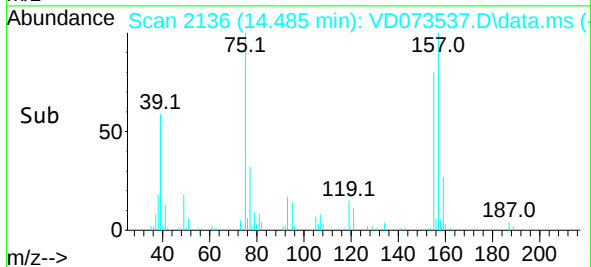
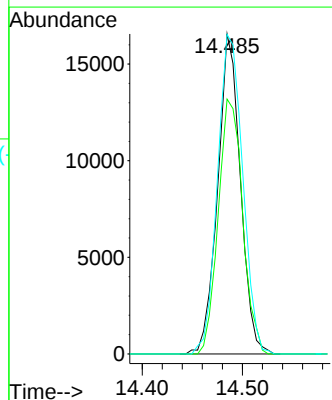
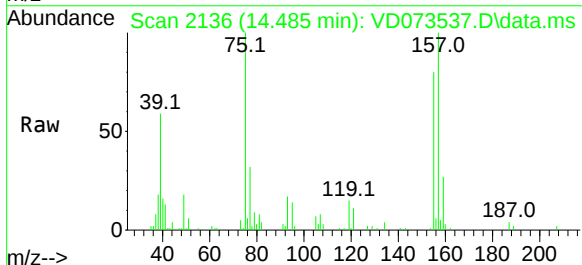
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

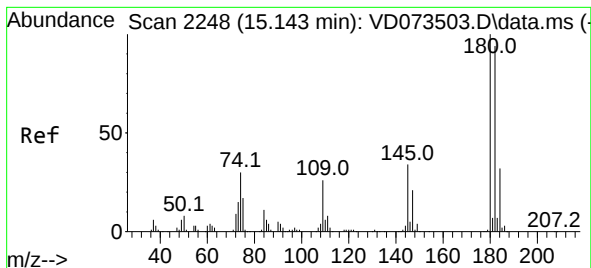
Tgt Ion:146 Resp: 378890
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.3
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.584 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: VD073537.D
 Acq: 13 Jun 2022 10:09

Tgt Ion: 75 Resp: 25961
 Ion Ratio Lower Upper
 75 100
 155 85.4 36.8 110.3
 157 110.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 51.178 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

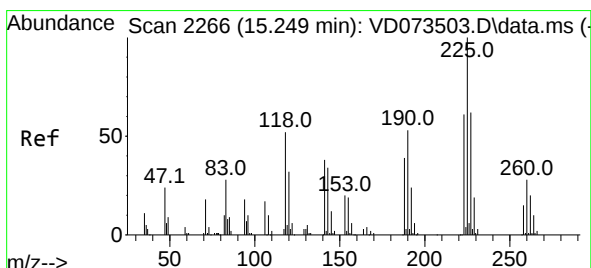
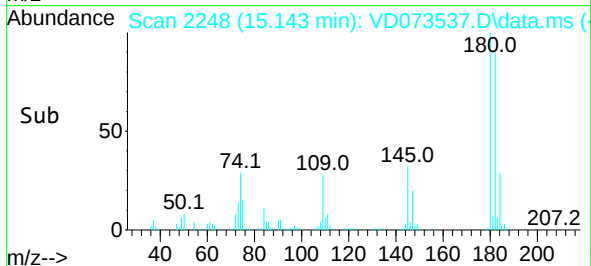
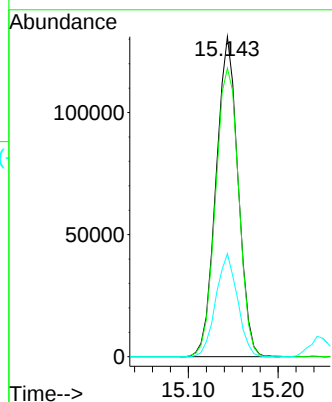
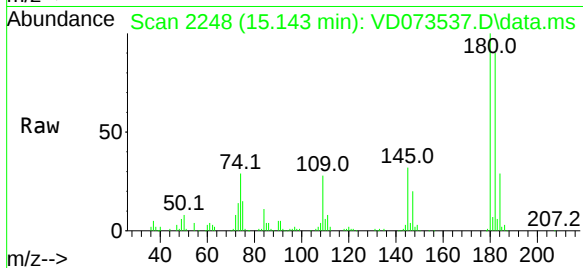
Tgt Ion:180 Resp: 223132

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 31.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.762 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073537.D

Acq: 13 Jun 2022 10:09

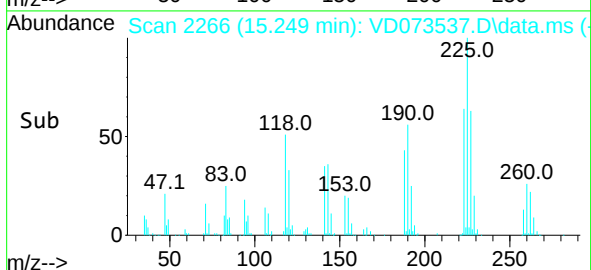
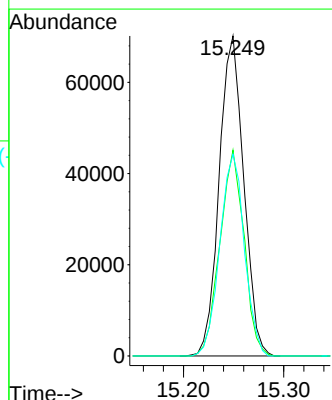
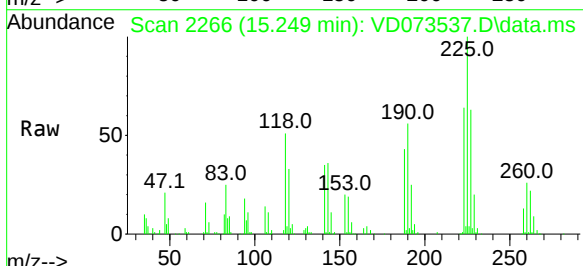
Tgt Ion:225 Resp: 119011

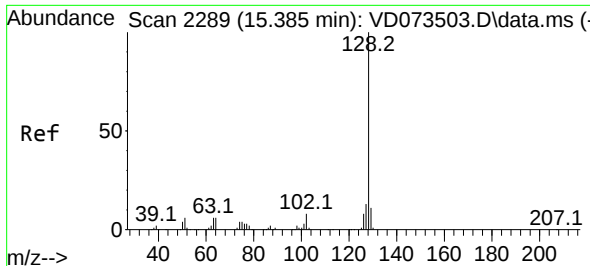
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 63.2 32.4 97.0

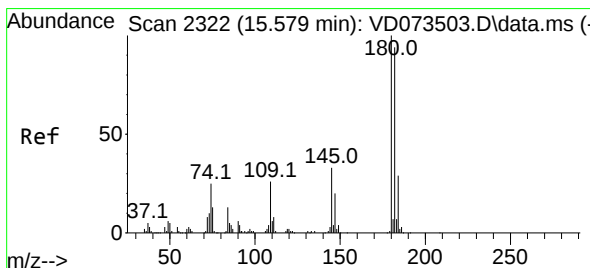
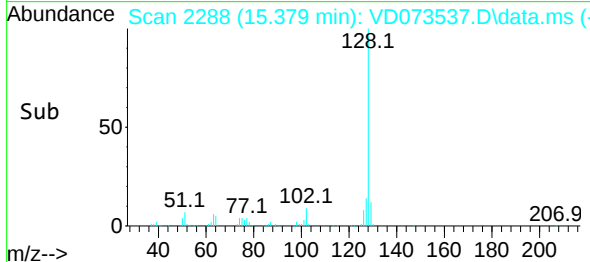
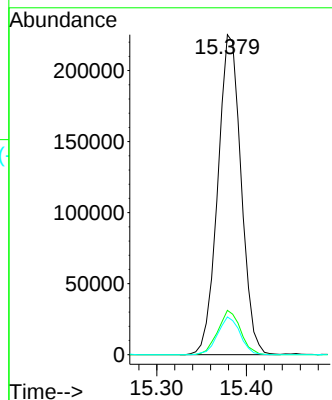
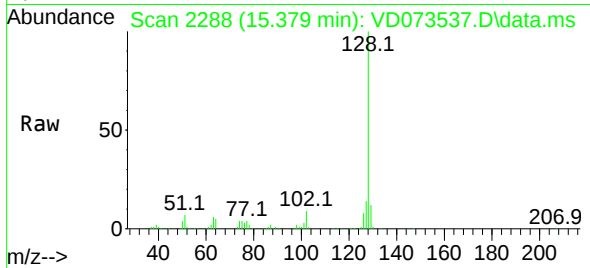




#95
Naphthalene
Concen: 46.405 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 406433
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.866 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073537.D
Acq: 13 Jun 2022 10:09

Tgt Ion:180 Resp: 197454
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 33.4 17.1 51.3

