

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073461.D
 Acq On : 02 Jun 2022 09:56
 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 03 01:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	355345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	555578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	531849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168835	42.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.980%
35) Dibromofluoromethane	7.908	113	181965	49.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.332	98	667419	49.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.620	95	245712	51.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	190865	53.754	ug/l	99
3) Chloromethane	2.209	50	169815	42.295	ug/l	98
4) Vinyl Chloride	2.350	62	171944	46.833	ug/l	99
5) Bromomethane	2.762	94	123113	52.509	ug/l	99
6) Chloroethane	2.920	64	106053	46.989	ug/l	99
7) Trichlorofluoromethane	3.273	101	324117	49.927	ug/l	97
8) Diethyl Ether	3.709	74	81910	45.917	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	194432	50.197	ug/l	94
10) Methyl Iodide	4.297	142	192539	46.073	ug/l	100
11) Tert butyl alcohol	5.214	59	49863	81.839	ug/l	97
12) 1,1-Dichloroethene	4.067	96	175080	49.027	ug/l	90
13) Acrolein	3.926	56	37968	150.751	ug/l	96
14) Allyl chloride	4.709	41	255724	44.363	ug/l #	91
15) Acrylonitrile	5.409	53	179067	219.522	ug/l	97
16) Acetone	4.156	43	146167	214.886	ug/l	90
17) Carbon Disulfide	4.409	76	568826	48.049	ug/l	99
18) Methyl Acetate	4.714	43	78475	41.489	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	376539	46.283	ug/l	100
20) Methylene Chloride	4.962	84	200577	46.185	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	209775	48.584	ug/l	90
22) Diisopropyl ether	6.361	45	553188	45.779	ug/l #	92
23) Vinyl Acetate	6.297	43	1454833	225.712	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	354385	45.690	ug/l	100
25) 2-Butanone	7.203	43	212562	213.593	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	315531	47.702	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	223191	46.715	ug/l	91
28) Bromochloromethane	7.538	49	106177	39.734	ug/l #	74
29) Tetrahydrofuran	7.556	42	138029	214.499	ug/l	89
30) Chloroform	7.697	83	374333	46.228	ug/l	97
31) Cyclohexane	7.979	56	317031	46.197	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	333397	47.075	ug/l	96
36) 1,1-Dichloropropene	8.108	75	291557	52.879	ug/l	96
37) Ethyl Acetate	7.285	43	98052	45.022	ug/l #	91
38) Carbon Tetrachloride	8.091	117	305544	54.668	ug/l	99
39) Methylcyclohexane	9.350	83	333930	54.344	ug/l	97
40) Benzene	8.344	78	819951	51.600	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60134	47.391	ug/l	88
42) 1,2-Dichloroethane	8.414	62	216725	49.016	ug/l	96
43) Isopropyl Acetate	8.444	43	190954	47.436	ug/l #	91
44) Trichloroethene	9.108	130	224139	52.894	ug/l	92
45) 1,2-Dichloropropane	9.379	63	197740	49.412	ug/l	99
46) Dibromomethane	9.467	93	107030	48.697	ug/l	95
47) Bromodichloromethane	9.655	83	276169	49.108	ug/l	98
48) Methyl methacrylate	9.450	41	97176	47.981	ug/l #	88
49) 1,4-Dioxane	9.455	88	21890	964.416	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	507039	242.512	ug/l	93
52) Toluene	10.397	92	539415	53.718	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	253498	49.895	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	306292	50.378	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	150711	50.708	ug/l	96
56) Ethyl methacrylate	10.655	69	173414	52.478	ug/l	84
57) 1,3-Dichloropropane	10.938	76	247673	49.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	372557	238.396	ug/l	93
59) 2-Hexanone	10.973	43	347889	252.382	ug/l	92
60) Dibromochloromethane	11.132	129	188143	50.767	ug/l	99
61) 1,2-Dibromoethane	11.238	107	143260	50.442	ug/l	97
64) Tetrachloroethene	10.867	164	182180	52.298	ug/l	95
65) Chlorobenzene	11.661	112	554699	50.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	210165	51.938	ug/l	99
67) Ethyl Benzene	11.732	91	1014292	52.956	ug/l	98
68) m/p-Xylenes	11.844	106	796960	107.098	ug/l	99
69) o-Xylene	12.167	106	366186	53.567	ug/l	95
70) Styrene	12.185	104	636807	54.145	ug/l	96
71) Bromoform	12.349	173	108325	52.015	ug/l #	100
73) Isopropylbenzene	12.467	105	987471	51.613	ug/l	99
74) N-amyl acetate	12.279	43	194651	46.637	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	163102	46.223	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	210087	79.784	ug/l #	100
77) Bromobenzene	12.749	156	224004	49.738	ug/l	90
78) n-propylbenzene	12.808	91	1252714	52.155	ug/l	98
79) 2-Chlorotoluene	12.896	91	695001	50.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	853866	52.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	50905	46.410	ug/l	90
82) 4-Chlorotoluene	12.991	91	733440	50.456	ug/l	98
83) tert-Butylbenzene	13.208	119	699584	51.218	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	842288	52.608	ug/l	99
85) sec-Butylbenzene	13.385	105	1088093	52.171	ug/l	99
86) p-Isopropyltoluene	13.502	119	908921	53.462	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	460324	50.708	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	449041	49.002	ug/l	99
89) n-Butylbenzene	13.826	91	856238	52.857	ug/l	99
90) Hexachloroethane	14.096	117	178259	50.673	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	400063	50.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24943	46.160	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	232436	52.125	ug/l	99
94) Hexachlorobutadiene	15.243	225	134251	53.427	ug/l	98
95) Naphthalene	15.379	128	403849	46.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	207142	52.398	ug/l	98

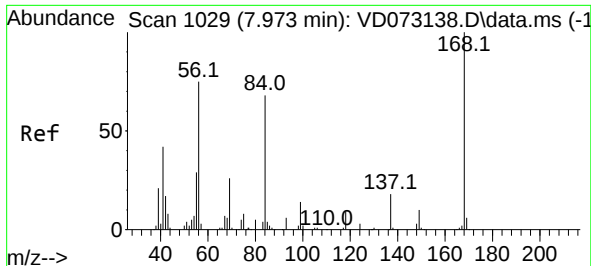
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Response via : Initial Calibration

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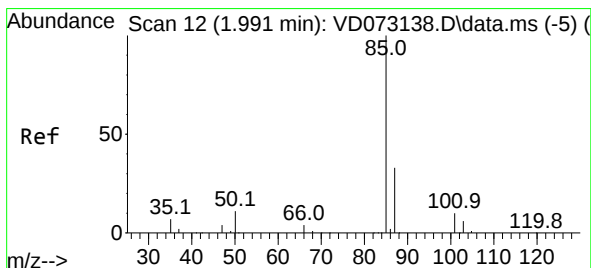
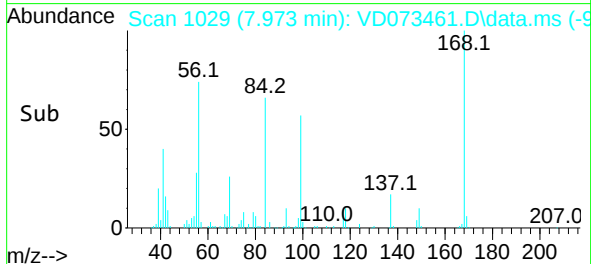
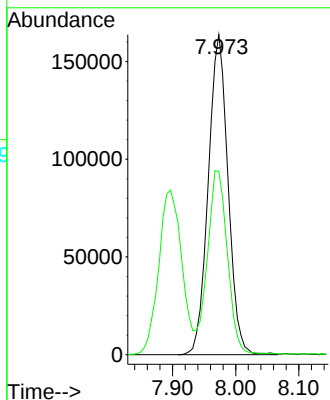
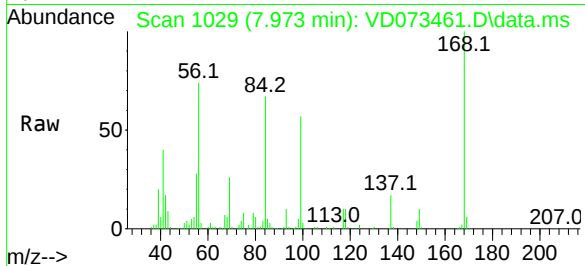
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

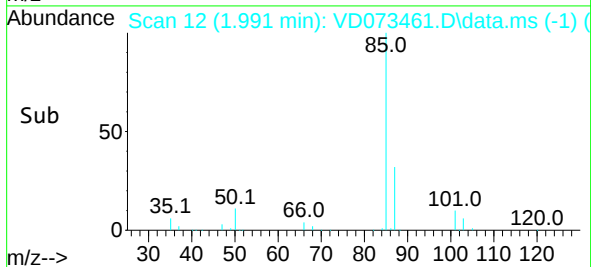
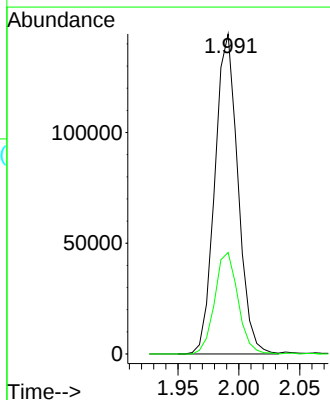
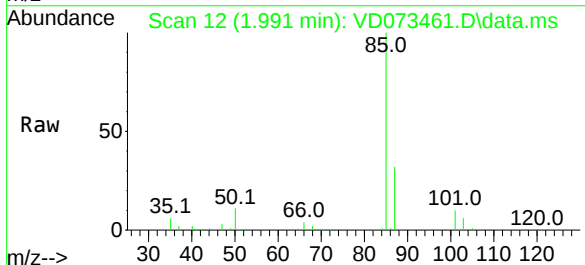
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ClientSampleId :
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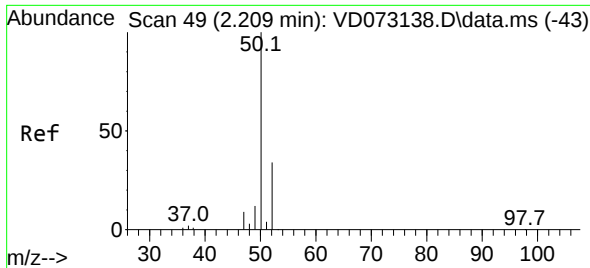
Tgt Ion:168 Resp: 355345
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 53.754 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 85 Resp: 190865
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

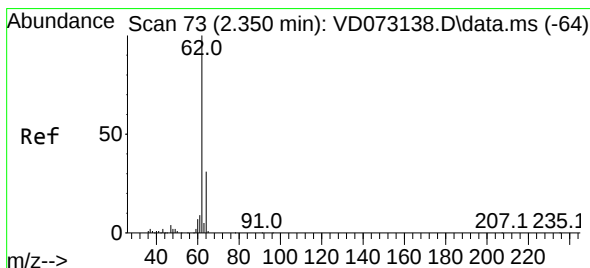
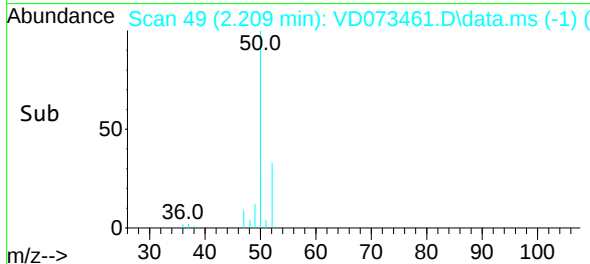
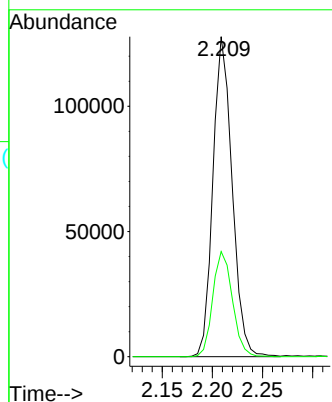
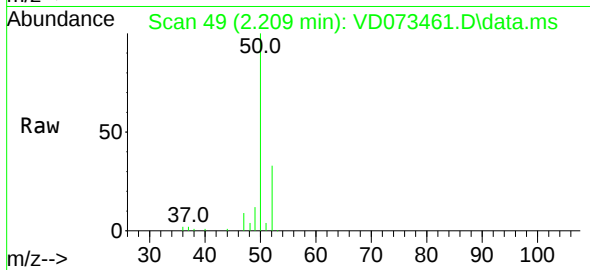




#3
Chloromethane
Concen: 42.295 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

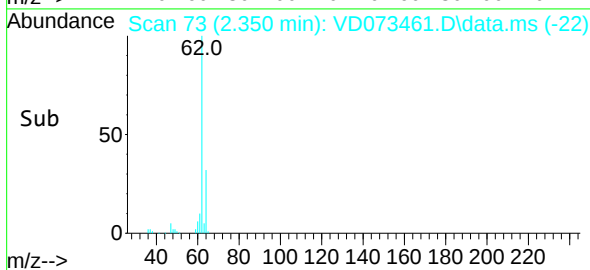
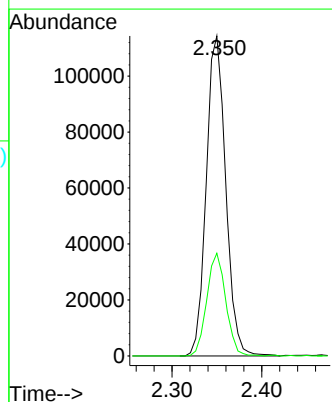
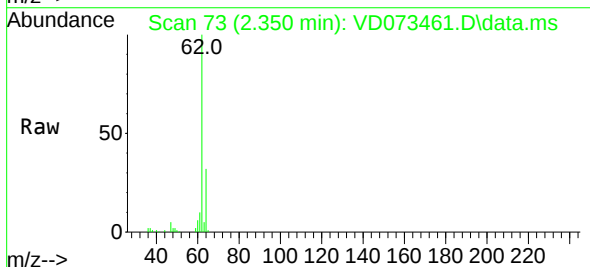
Instrument :
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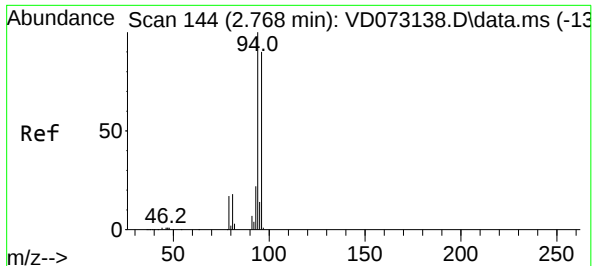
Tgt Ion: 50 Resp: 169815
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0



#4
Vinyl Chloride
Concen: 46.833 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 62 Resp: 171944
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

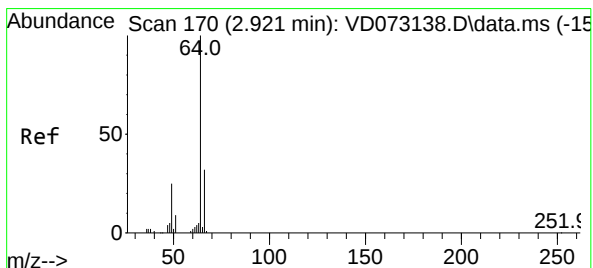
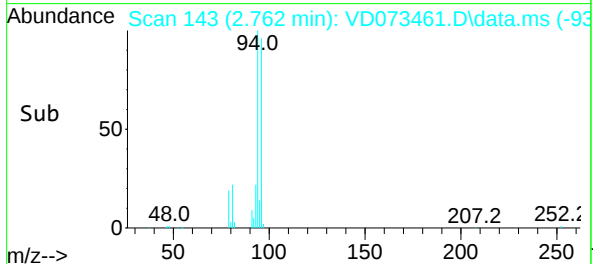
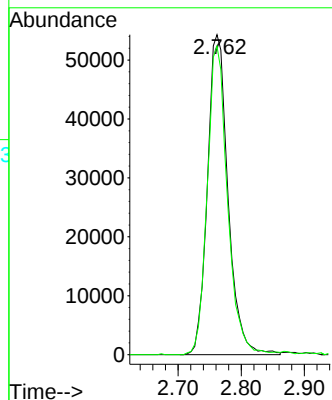
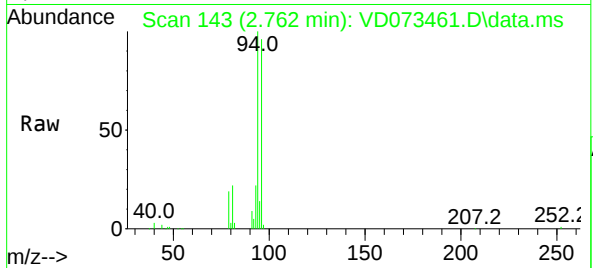




#5
Bromomethane
Concen: 52.509 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

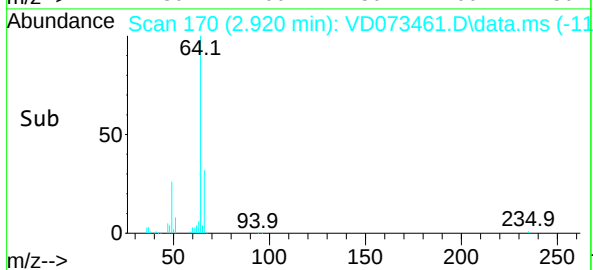
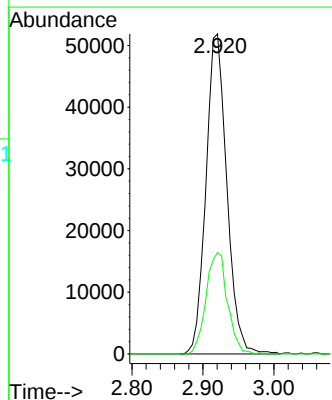
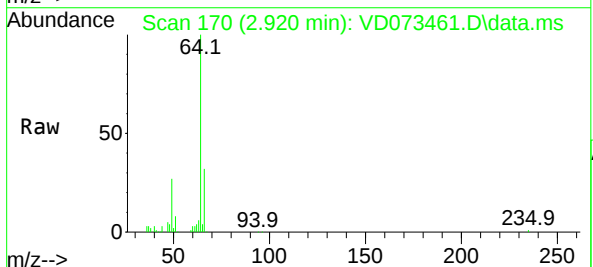
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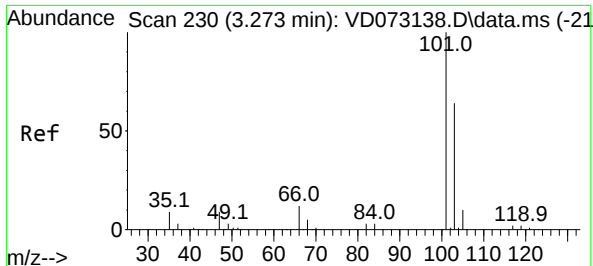
Tgt Ion: 94 Resp: 123113
Ion Ratio Lower Upper
94 100
96 96.4 77.6 116.4



#6
Chloroethane
Concen: 46.989 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 64 Resp: 106053
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

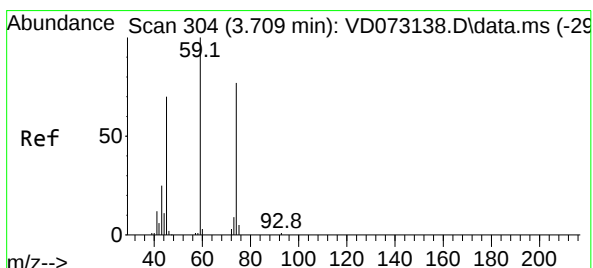
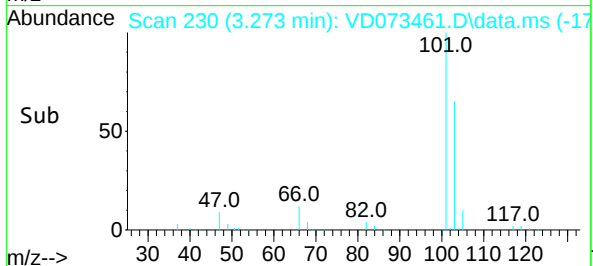
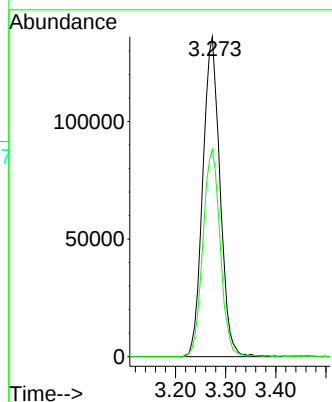
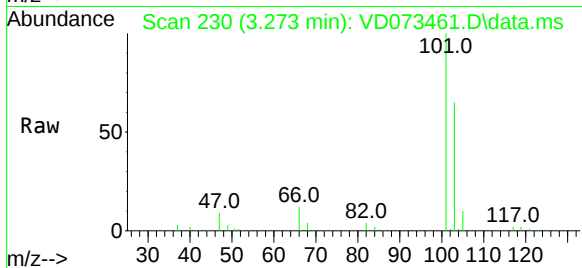




#7
Trichlorofluoromethane
Concen: 49.927 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

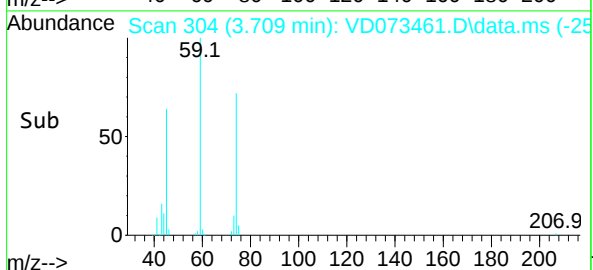
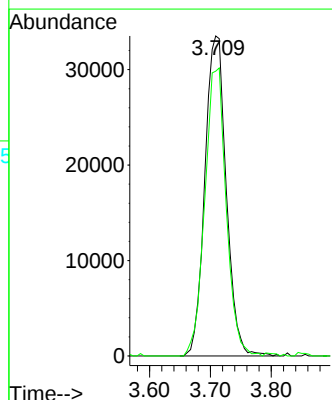
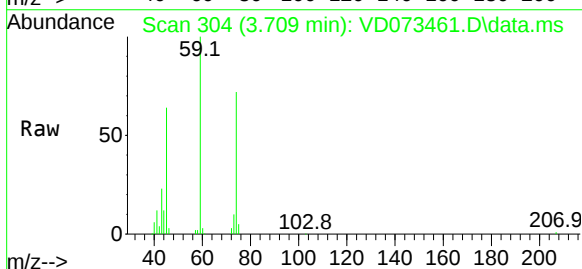
Instrument :
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ClientSampleId :
VSTDCCC050

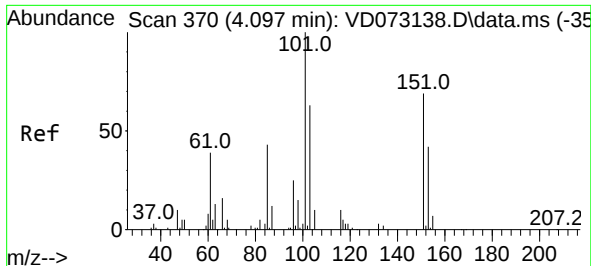
Tgt Ion:101 Resp: 324117
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1



#8
Diethyl Ether
Concen: 45.917 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 74 Resp: 81910
Ion Ratio Lower Upper
74 100
45 90.1 52.6 157.8



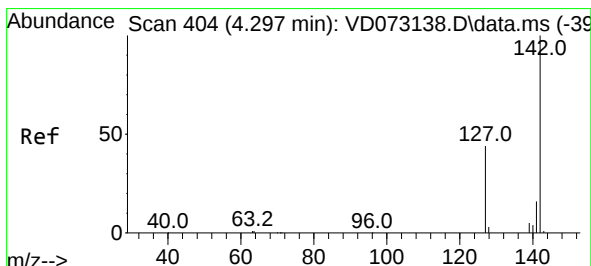
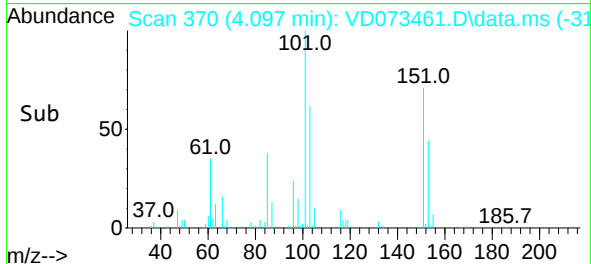
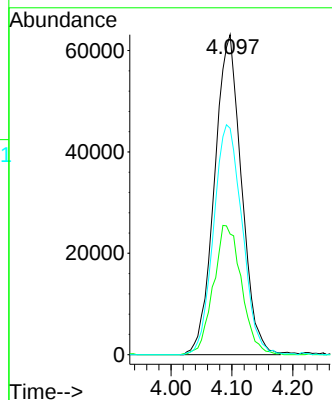
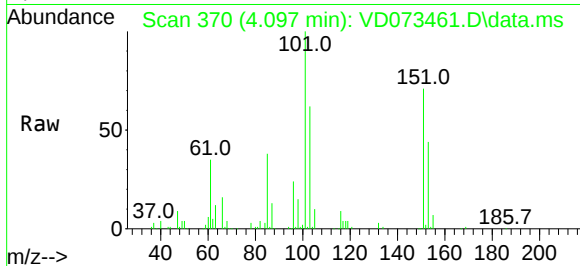


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.197 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 194432

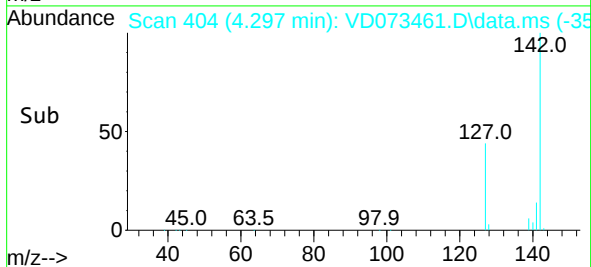
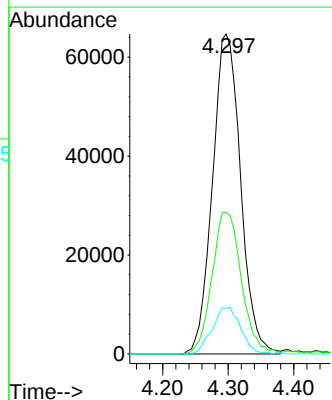
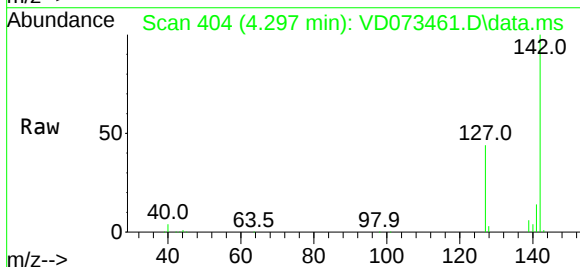
Ion	Ratio	Lower	Upper
101	100		
85	42.1	36.4	54.6
151	76.4	57.3	85.9

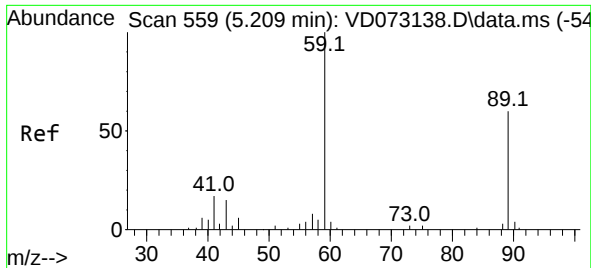


#10
 Methyl Iodide
 Concen: 46.073 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Tgt Ion:142 Resp: 192539

Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.3	55.9
141	14.7	11.7	17.5

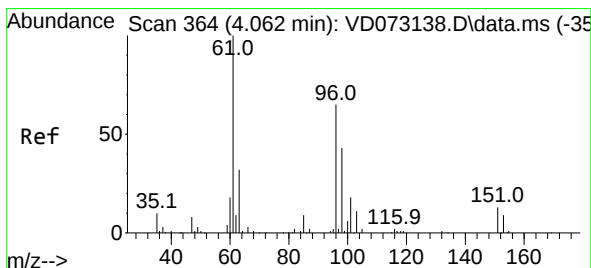
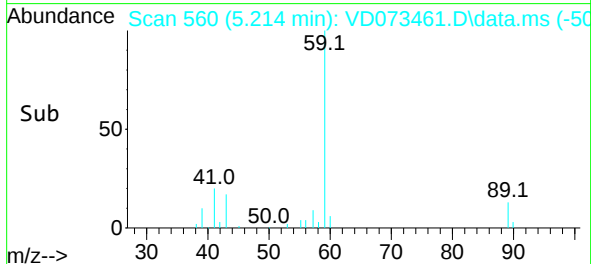
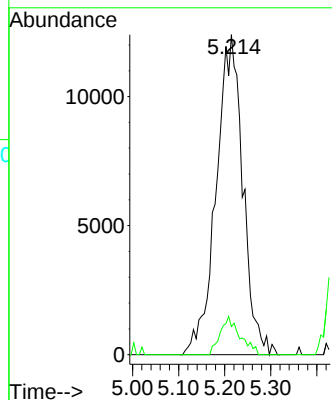
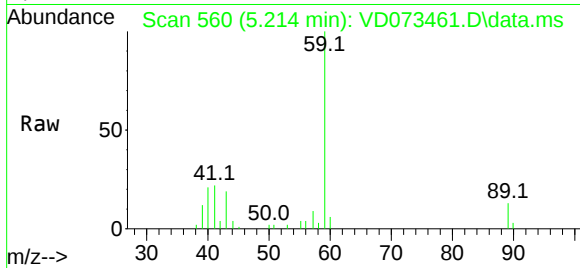




#11
Tert butyl alcohol
Concen: 81.839 ug/l
RT: 5.214 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

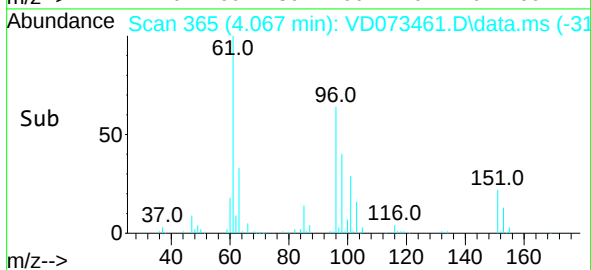
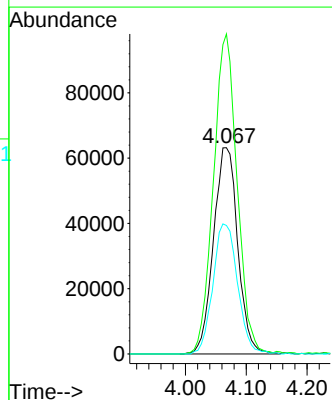
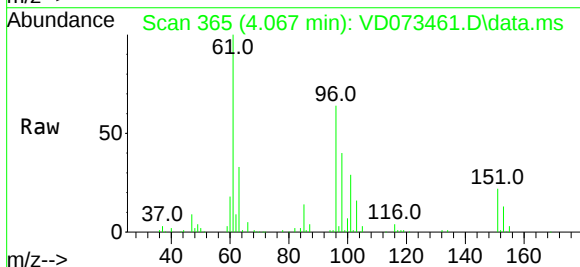
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

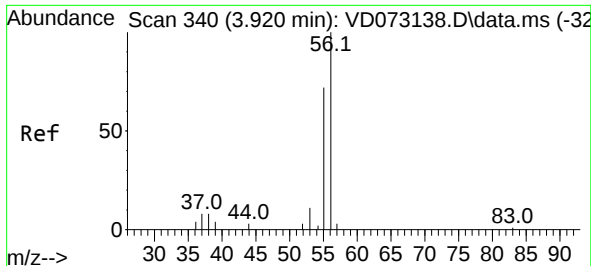
Tgt Ion: 59 Resp: 49863
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 49.027 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 96 Resp: 175080
Ion Ratio Lower Upper
96 100
61 155.2 138.5 207.7
98 62.3 48.6 73.0

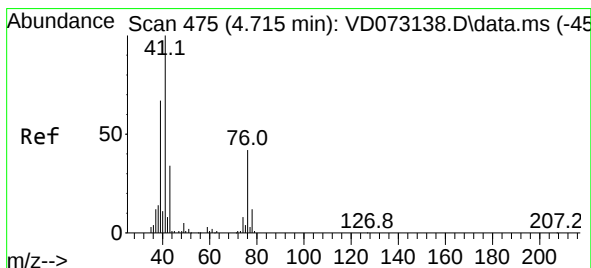
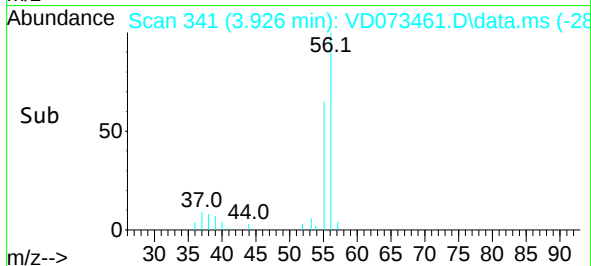
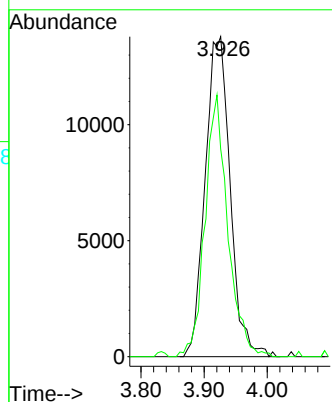
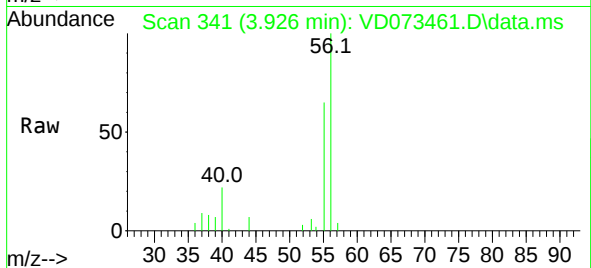




#13
Acrolein
Concen: 150.751 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

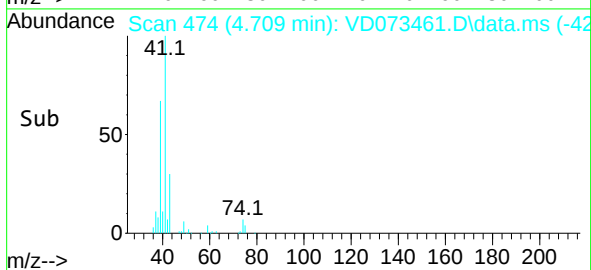
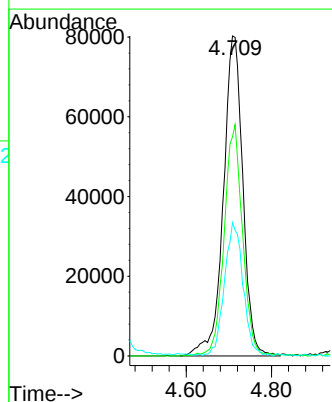
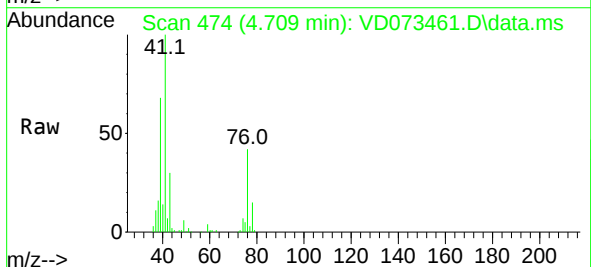
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

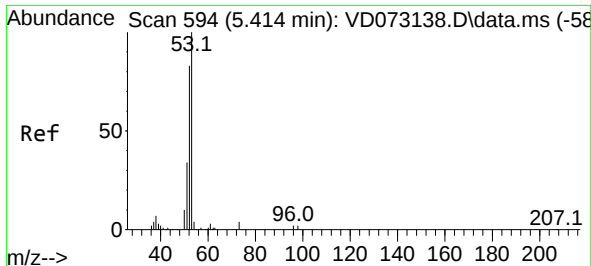
Tgt Ion: 56 Resp: 37968
Ion Ratio Lower Upper
56 100
55 74.5 57.1 85.7



#14
Allyl chloride
Concen: 44.363 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 41 Resp: 255724
Ion Ratio Lower Upper
41 100
39 68.2 59.3 88.9
76 39.8 25.7 38.5#

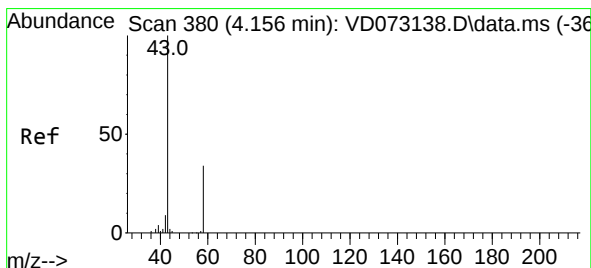
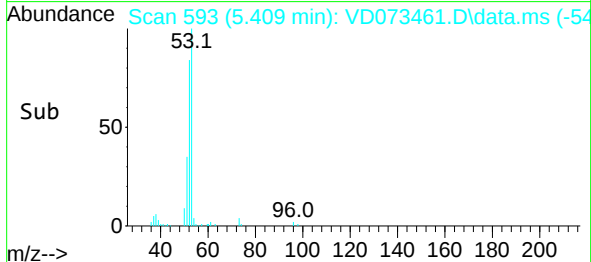
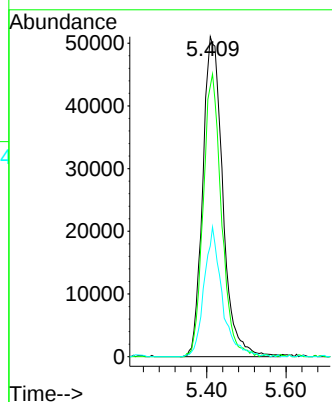
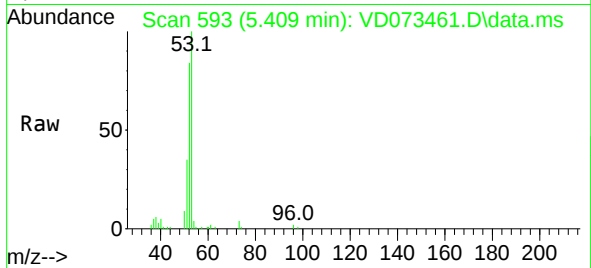




#15
Acrylonitrile
Concen: 219.522 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

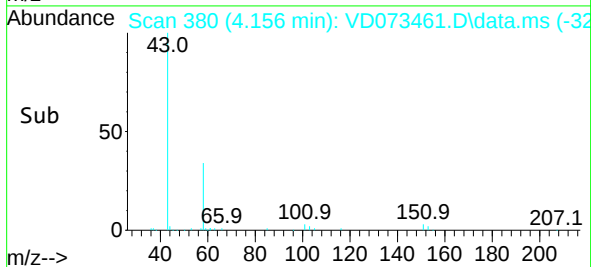
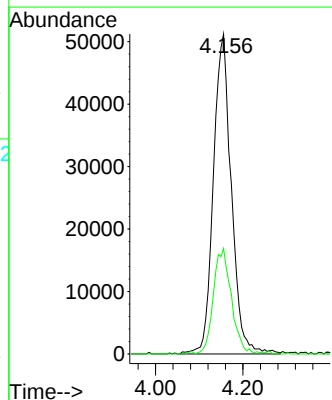
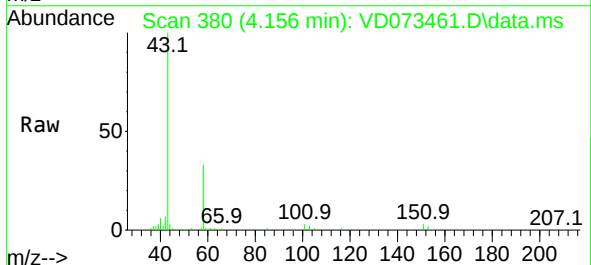
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

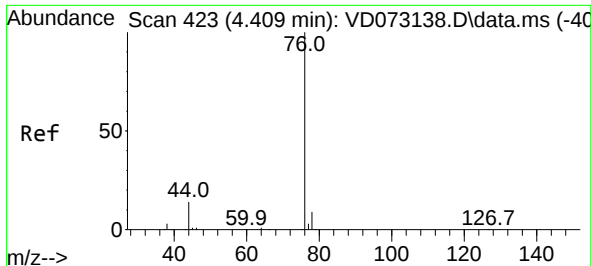
Tgt Ion: 53 Resp: 179067
Ion Ratio Lower Upper
53 100
52 80.4 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 214.886 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 43 Resp: 146167
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1

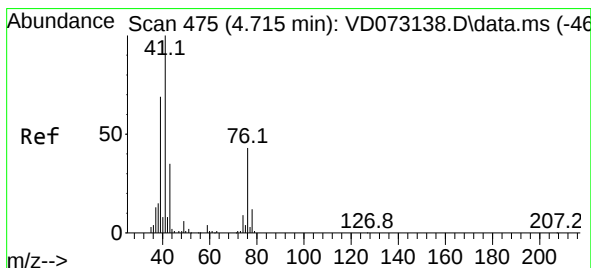
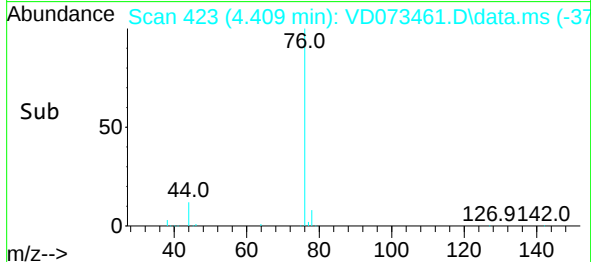
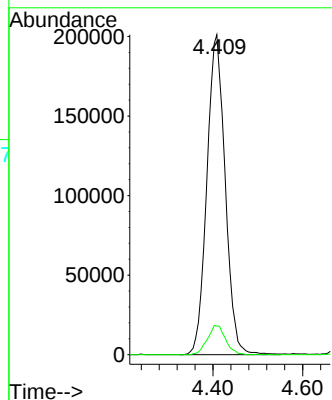
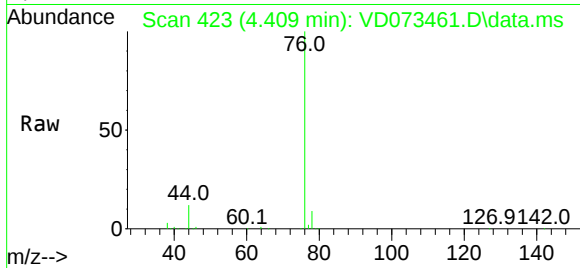




#17
Carbon Disulfide
Concen: 48.049 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

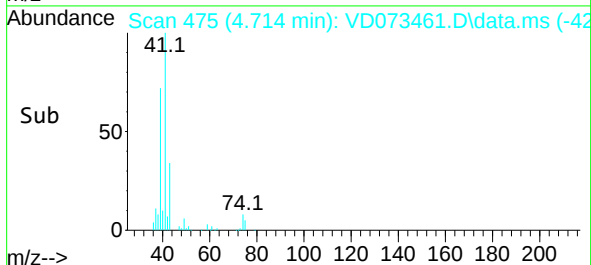
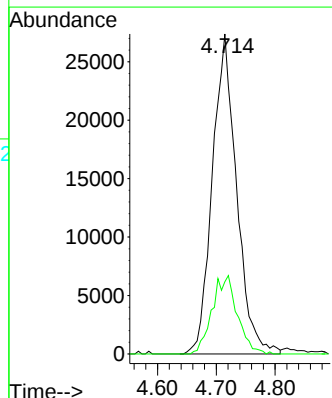
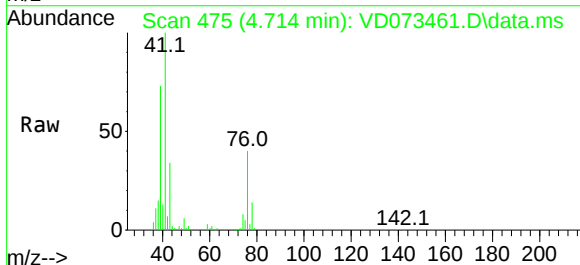
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

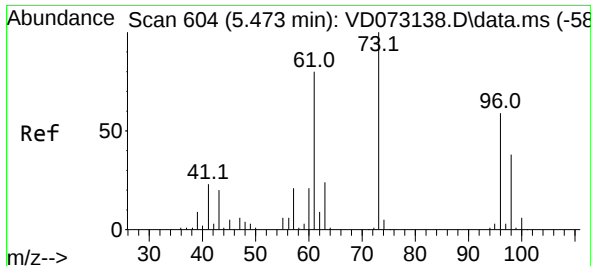
Tgt Ion: 76 Resp: 568826
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 41.489 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 43 Resp: 78475
Ion Ratio Lower Upper
43 100
74 25.4 16.7 25.1#

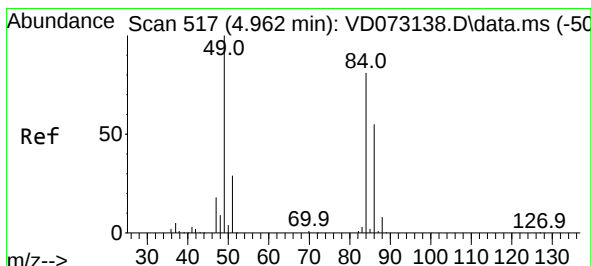
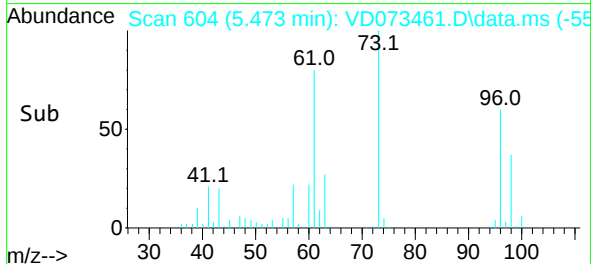
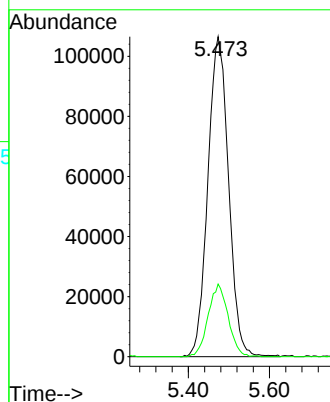
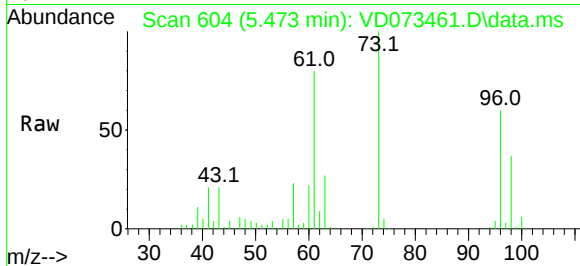




#19
Methyl tert-butyl Ether
Concen: 46.283 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

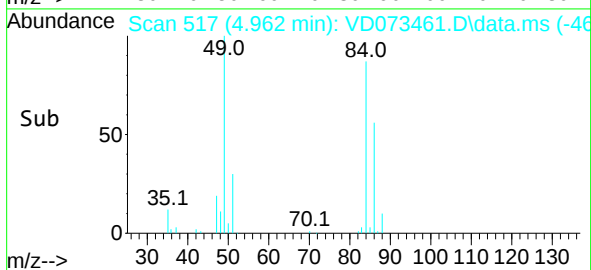
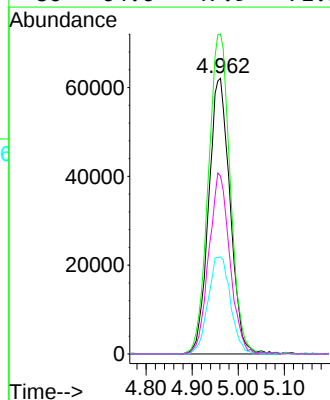
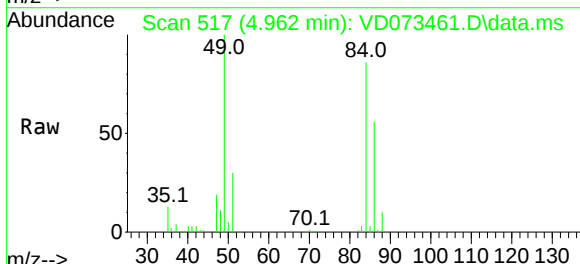
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

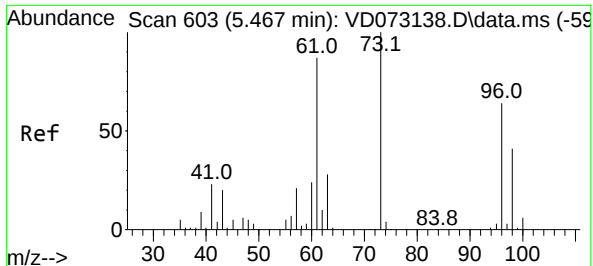
Tgt Ion: 73 Resp: 376539
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 46.185 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 84 Resp: 200577
Ion Ratio Lower Upper
84 100
49 116.1 112.8 169.2
51 35.2 32.6 48.8
86 64.6 47.9 71.9

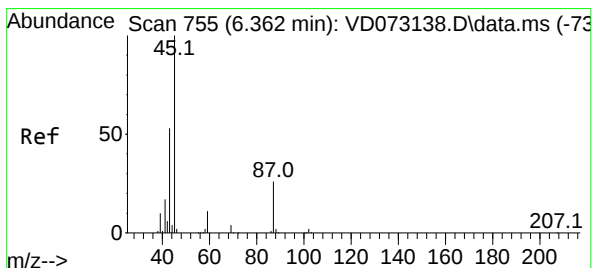
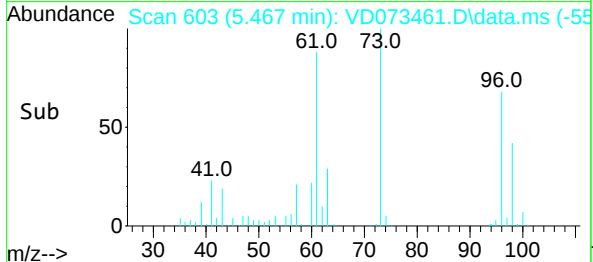
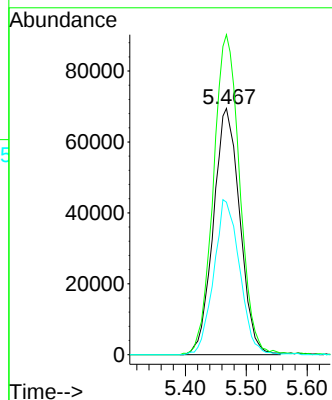
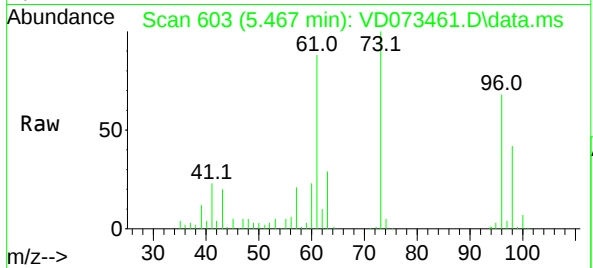




#21
trans-1,2-Dichloroethene
Concen: 48.584 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

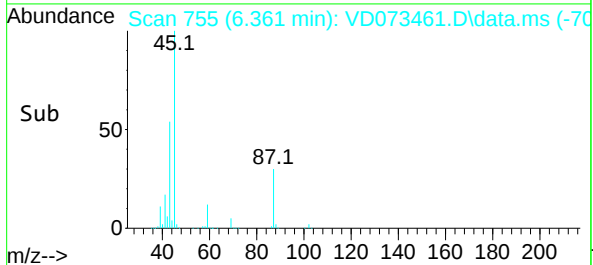
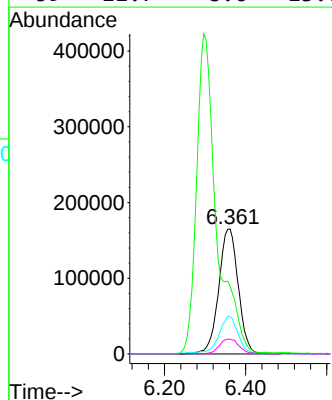
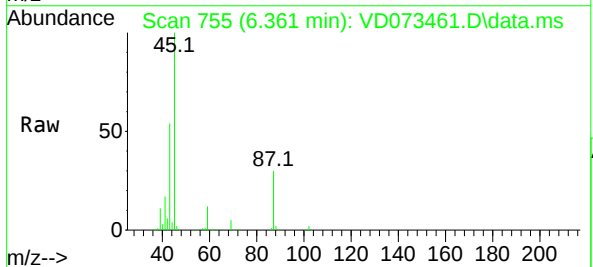
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

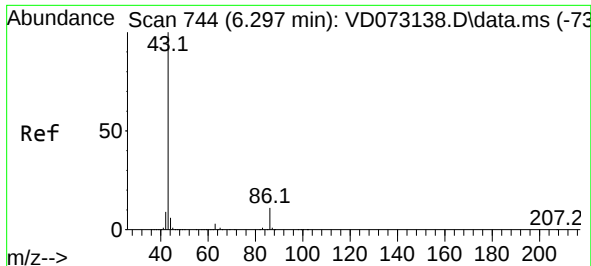
Tgt Ion: 96 Resp: 209775
Ion Ratio Lower Upper
96 100
61 130.0 117.9 176.9
98 62.0 49.4 74.2



#22
Diisopropyl ether
Concen: 45.779 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 45 Resp: 553188
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 29.6 18.4 27.6#
59 11.7 8.6 13.0

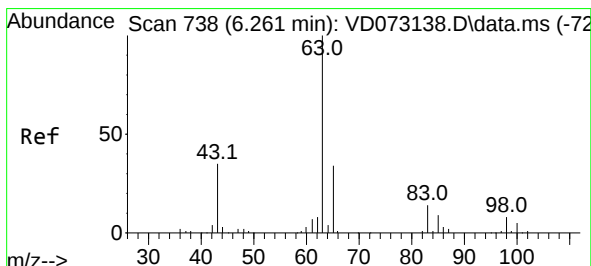
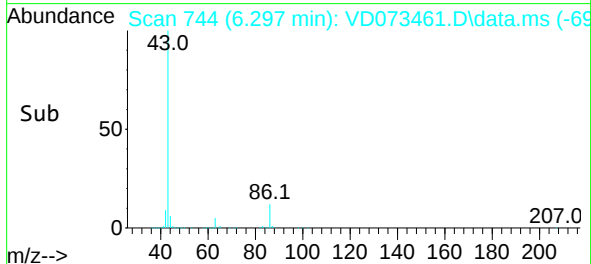
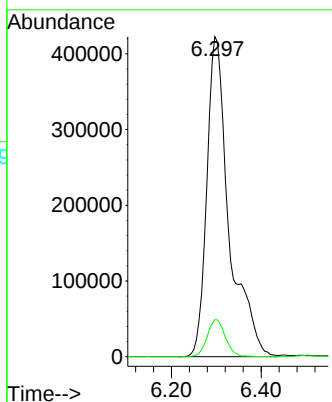
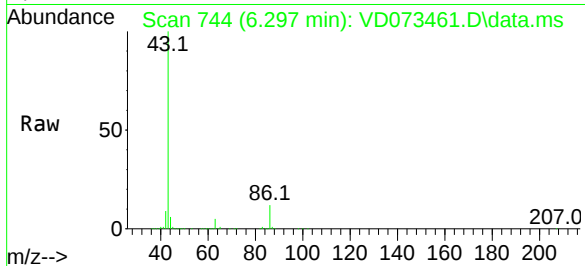




#23
 Vinyl Acetate
 Concen: 225.712 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

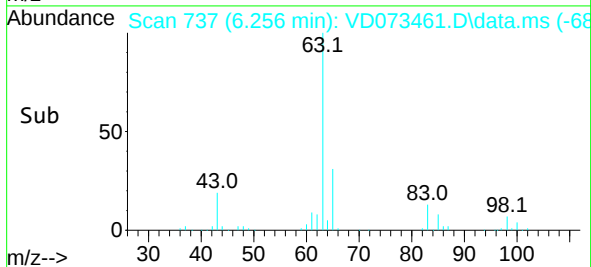
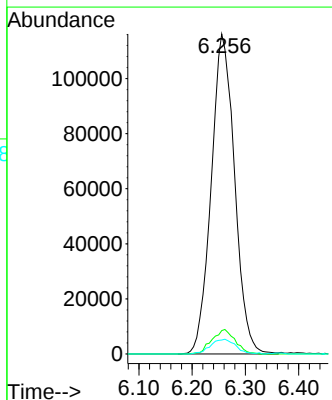
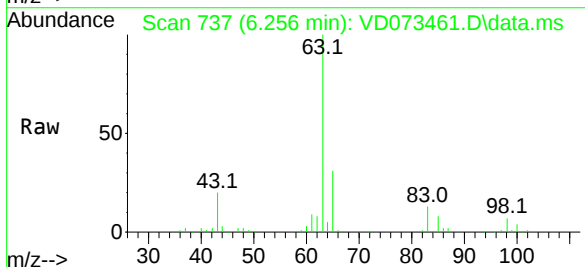
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

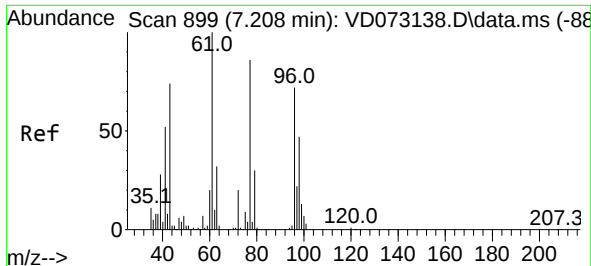
Tgt Ion: 43 Resp: 1454833
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.690 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Tgt Ion: 63 Resp: 354385
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.1 6.5

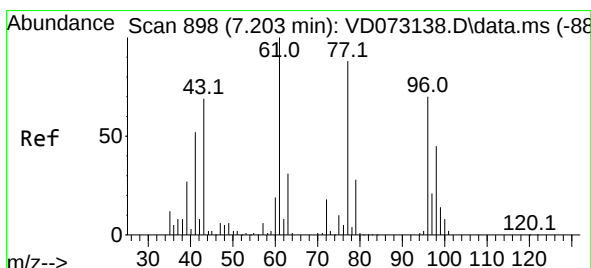
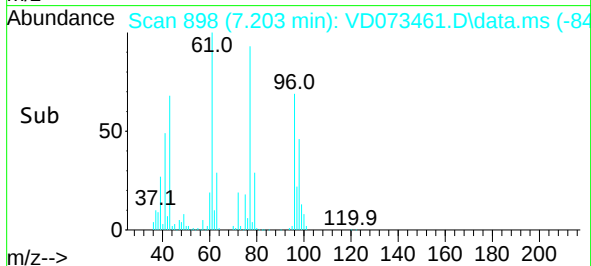
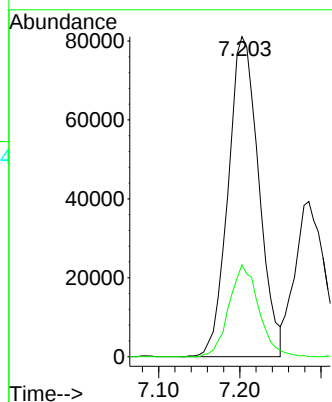
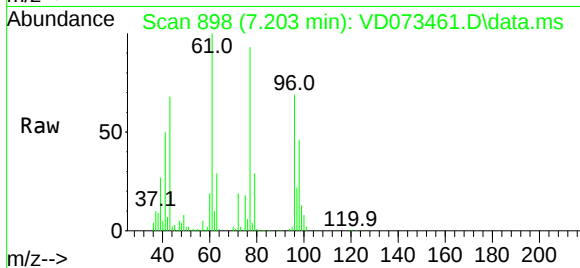




#25
2-Butanone
Concen: 213.593 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

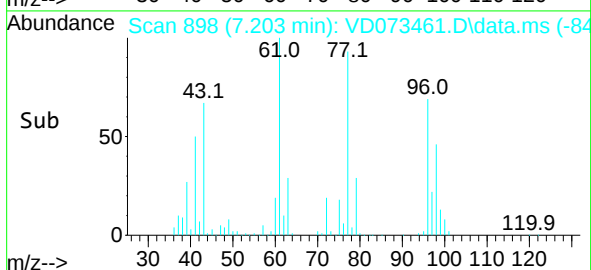
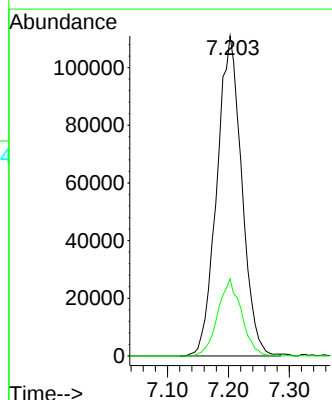
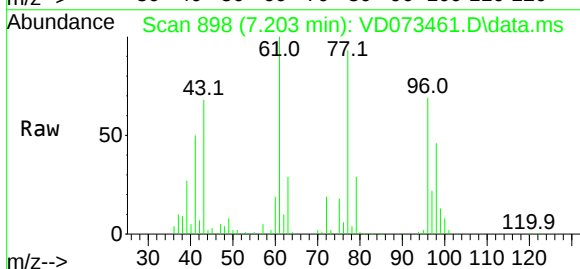
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

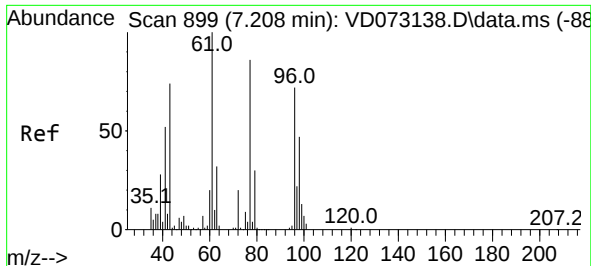
Tgt Ion: 43 Resp: 212562
Ion Ratio Lower Upper
43 100
72 28.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 47.702 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 77 Resp: 315531
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4

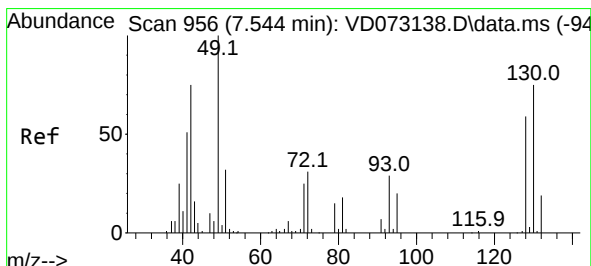
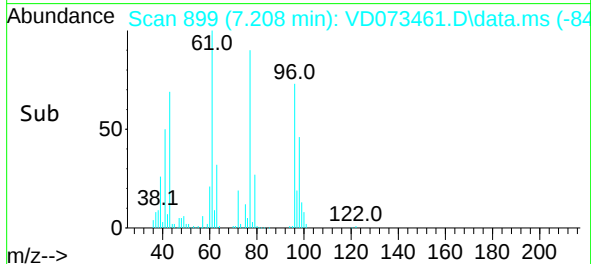
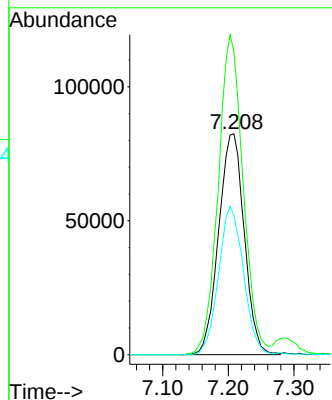
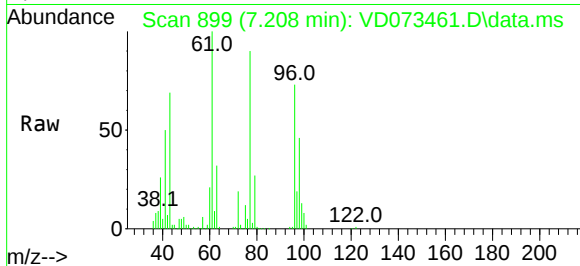




#27
 cis-1,2-Dichloroethene
 Concen: 46.715 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

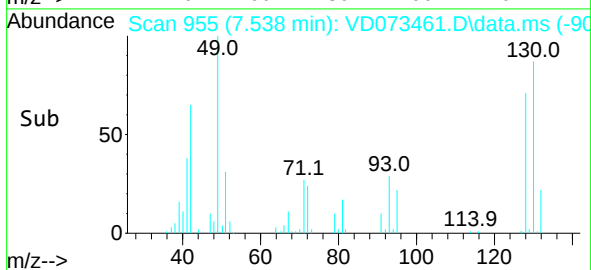
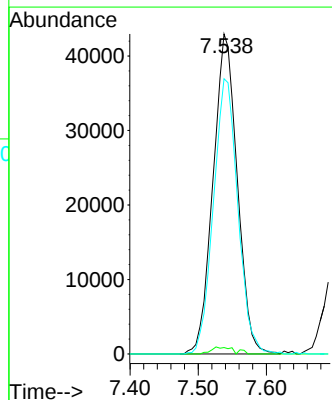
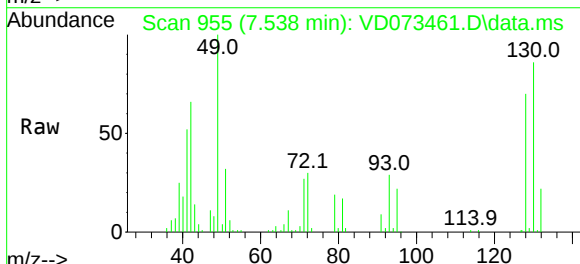
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

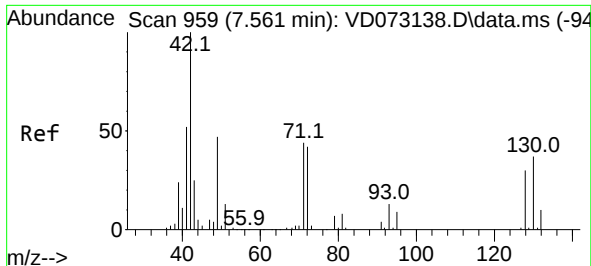
Tgt Ion: 96 Resp: 223191
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 313.8
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 39.734 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Tgt Ion: 49 Resp: 106177
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 86.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 214.499 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

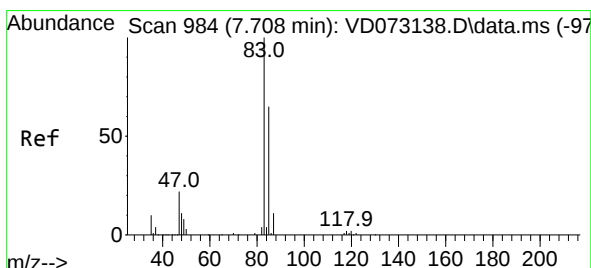
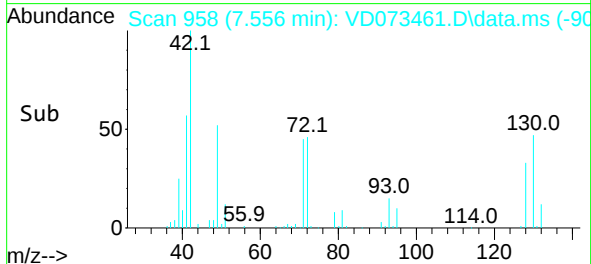
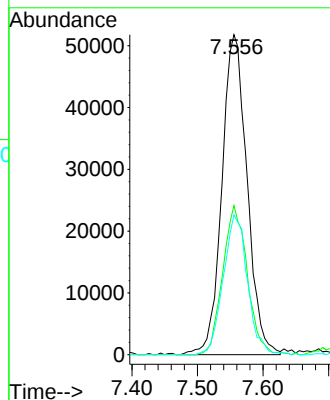
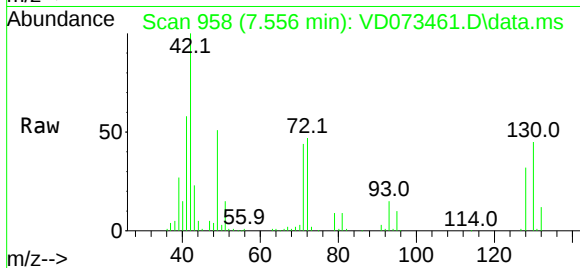
Tgt Ion: 42 Resp: 138029

Ion Ratio Lower Upper

42 100

72 45.4 30.7 46.1

71 42.2 28.6 43.0



#30

Chloroform

Concen: 46.228 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.011 min

Lab File: VD073461.D

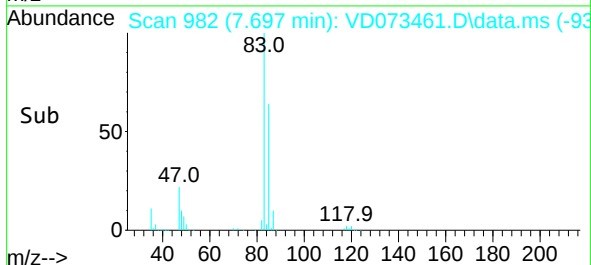
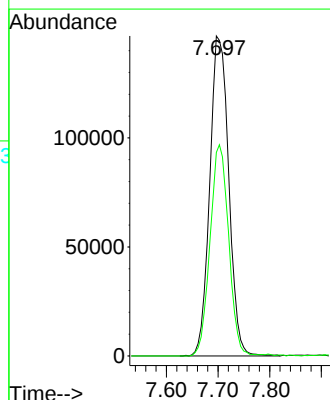
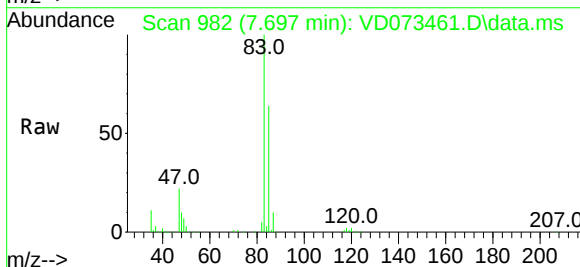
Acq: 02 Jun 2022 09:56

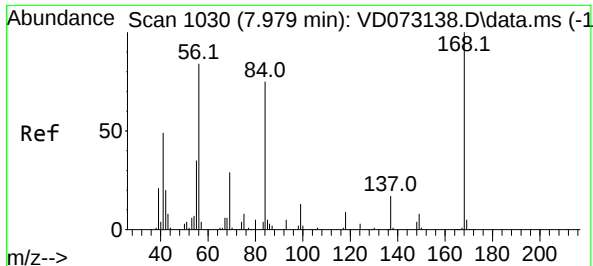
Tgt Ion: 83 Resp: 374333

Ion Ratio Lower Upper

83 100

85 63.6 52.7 79.1

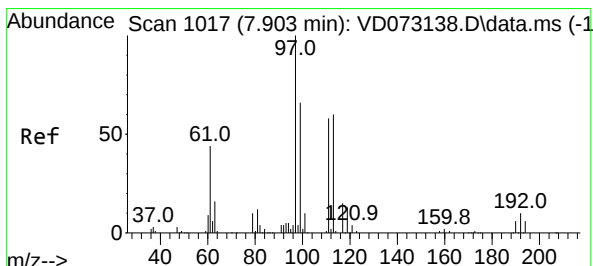
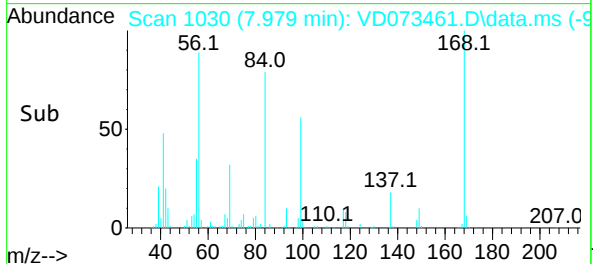
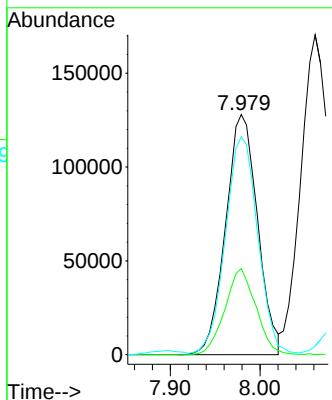
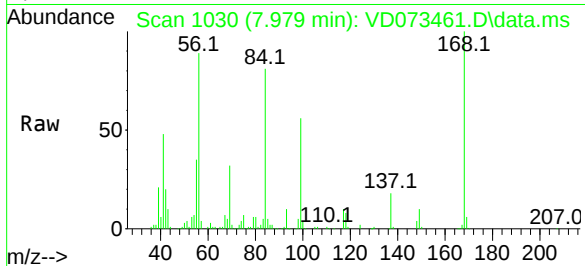




#31
Cyclohexane
Concen: 46.197 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

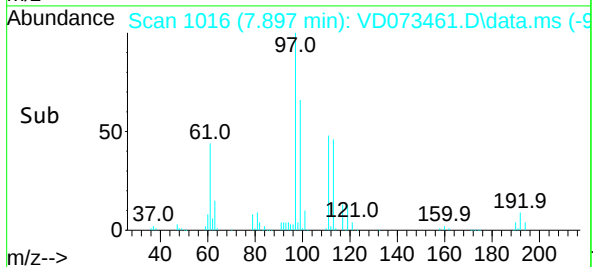
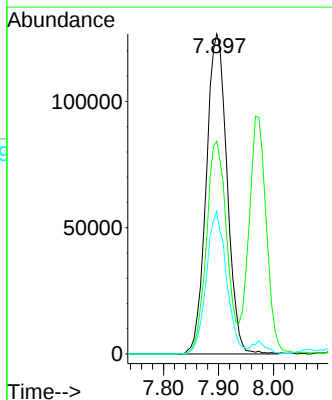
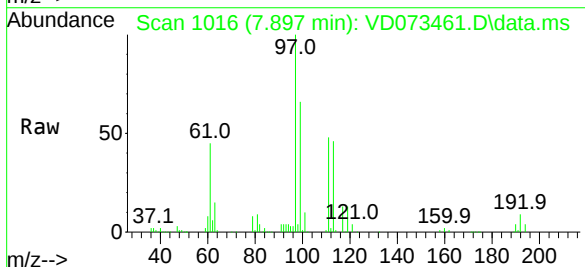
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

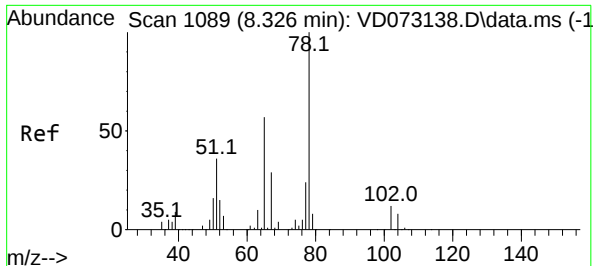
Tgt Ion: 56 Resp: 317031
Ion Ratio Lower Upper
56 100
69 35.9 25.4 38.2
84 89.5 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 47.075 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 97 Resp: 333397
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 43.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 42.993 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

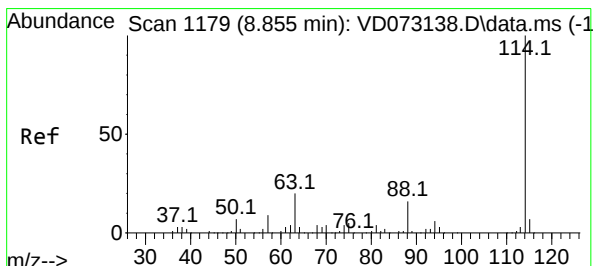
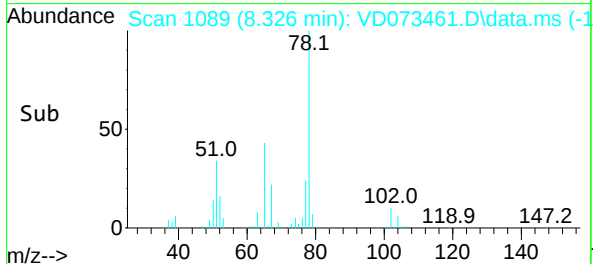
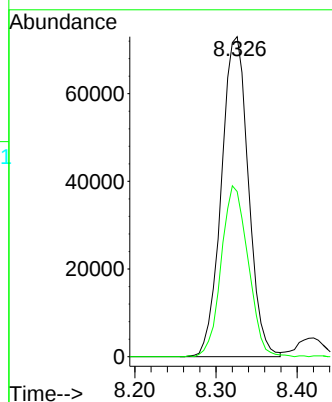
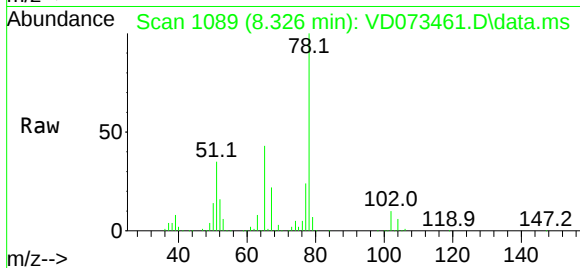
VSTDCCC050

Tgt Ion: 65 Resp: 168835

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

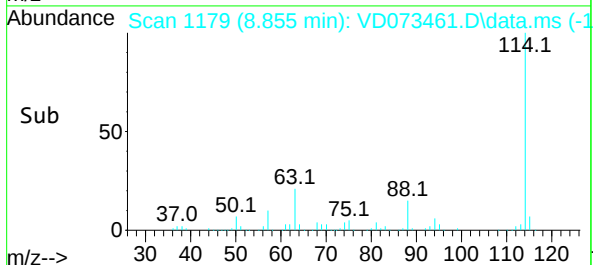
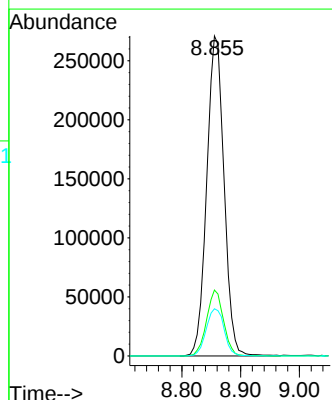
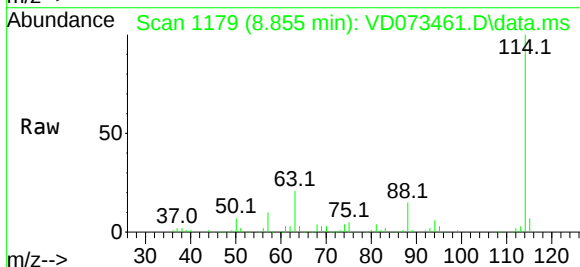
Tgt Ion: 114 Resp: 555578

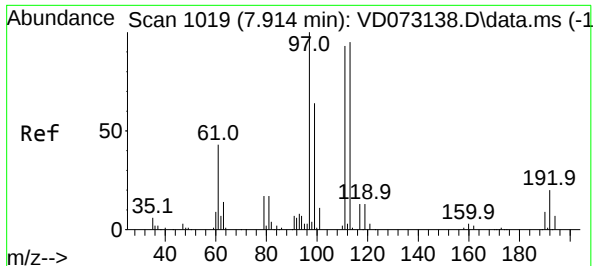
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.635 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

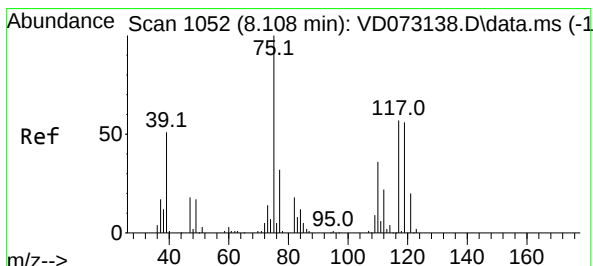
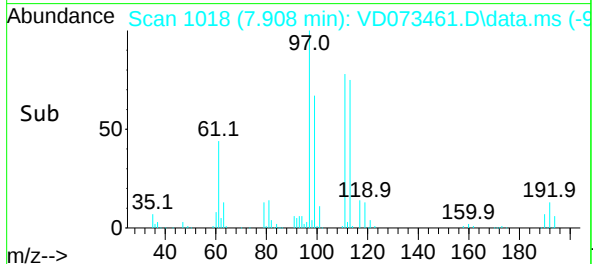
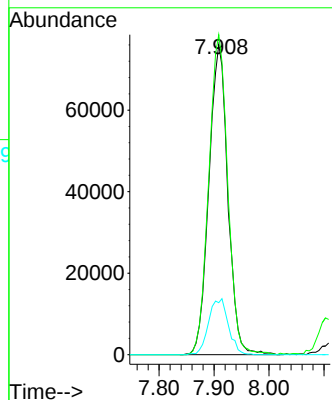
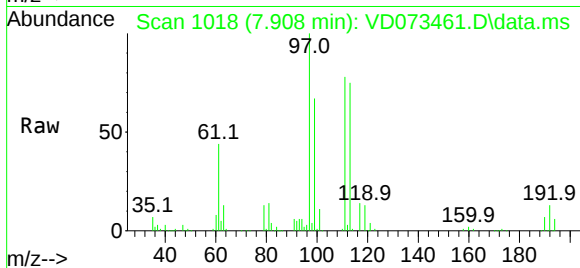
Tgt Ion:113 Resp: 181965

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.879 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

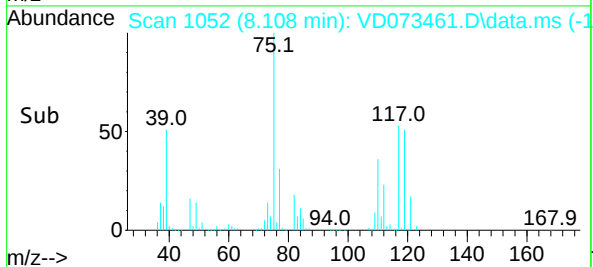
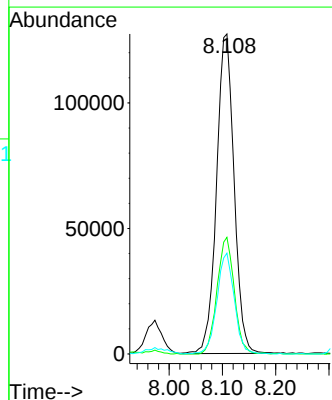
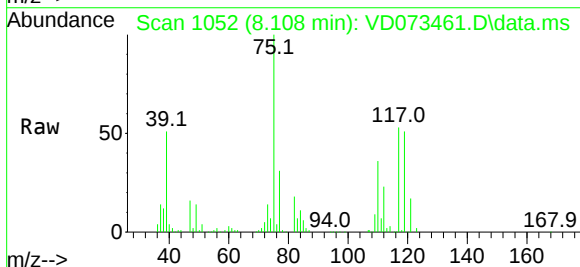
Tgt Ion: 75 Resp: 291557

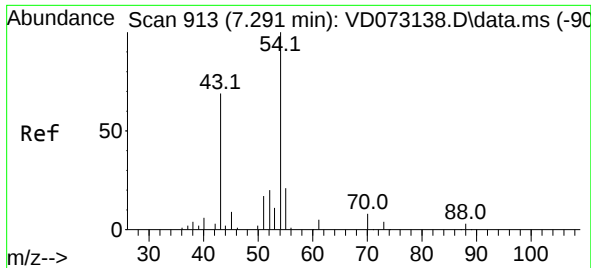
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 31.4 24.2 36.2

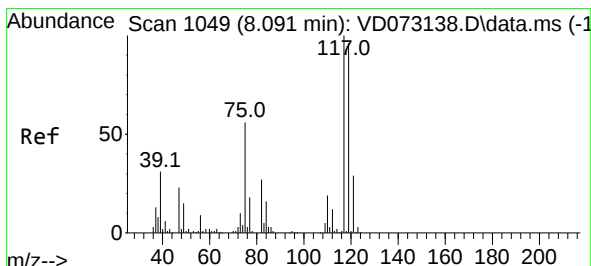
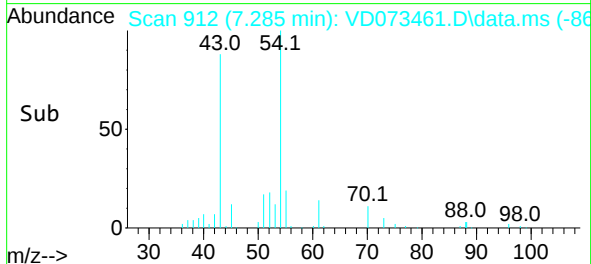
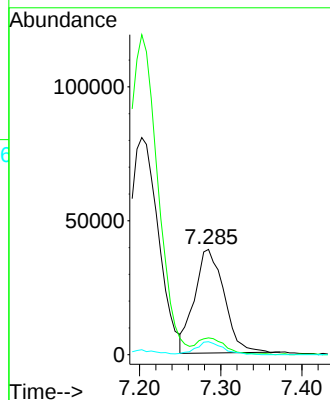
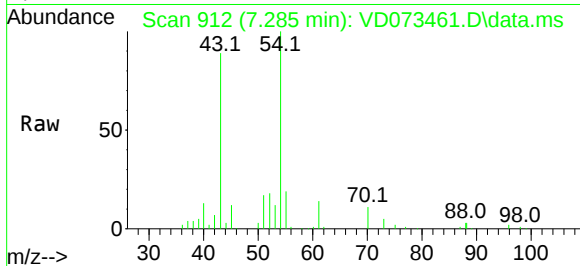




#37
Ethyl Acetate
Concen: 45.022 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

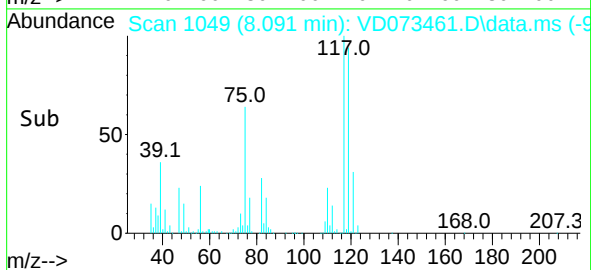
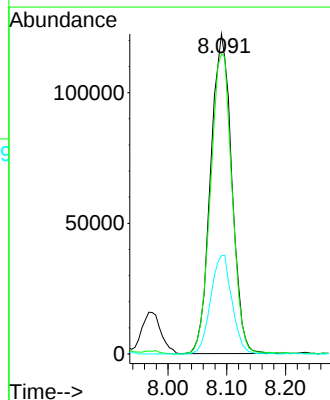
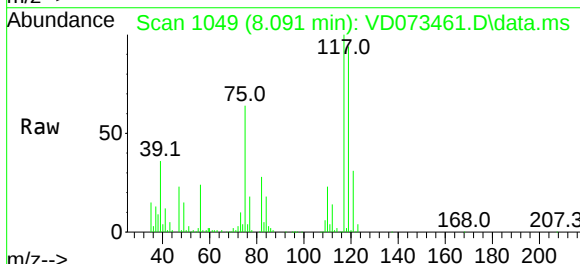
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

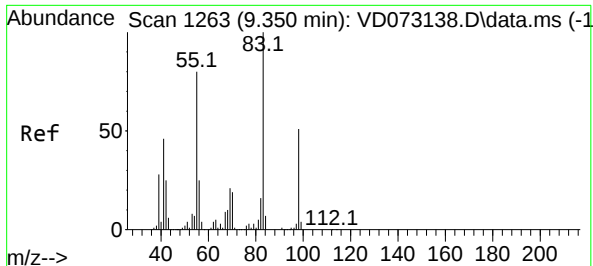
Tgt Ion: 43 Resp: 98052
Ion Ratio Lower Upper
43 100
61 15.9 9.8 14.8#
70 11.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 54.668 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 117 Resp: 305544
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 54.344 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

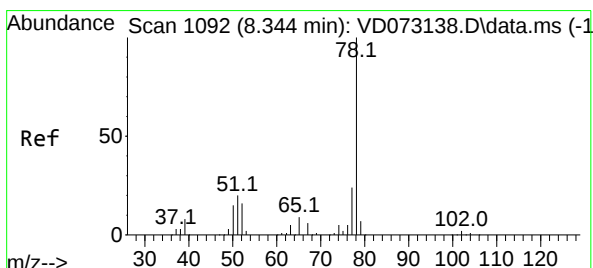
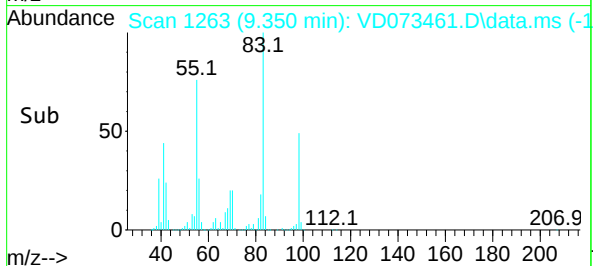
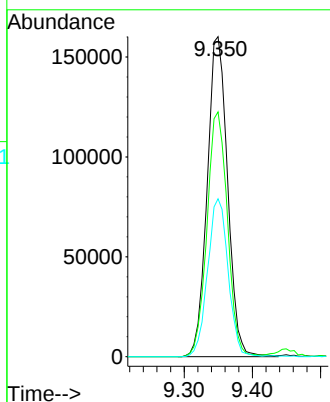
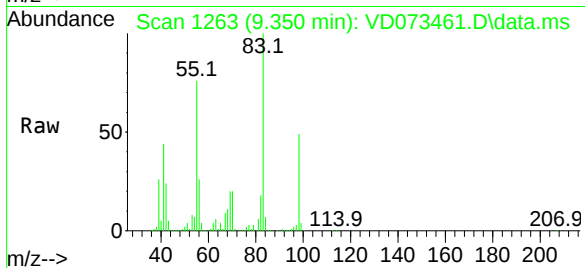
Tgt Ion: 83 Resp: 333930

Ion Ratio Lower Upper

83 100

55 76.5 63.2 94.8

98 49.4 38.2 57.4



#40

Benzene

Concen: 51.600 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073461.D

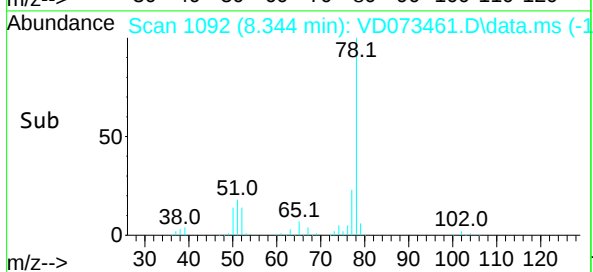
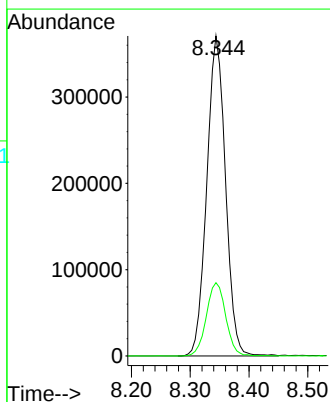
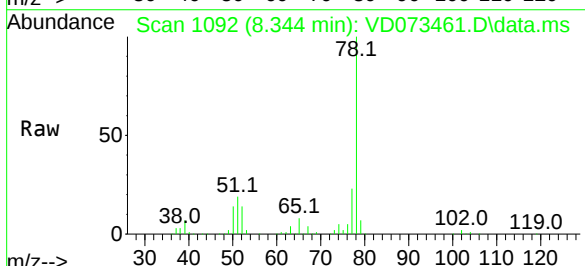
Acq: 02 Jun 2022 09:56

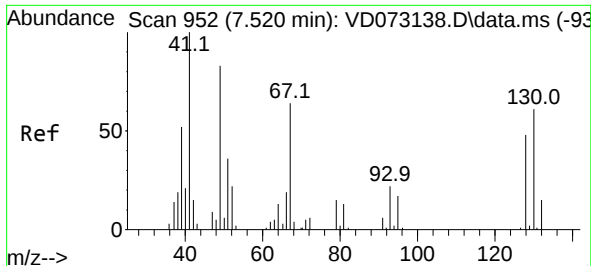
Tgt Ion: 78 Resp: 819951

Ion Ratio Lower Upper

78 100

77 22.9 19.1 28.7



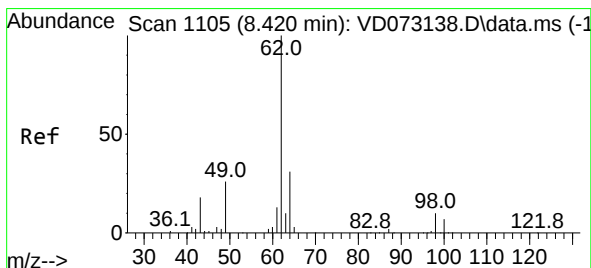
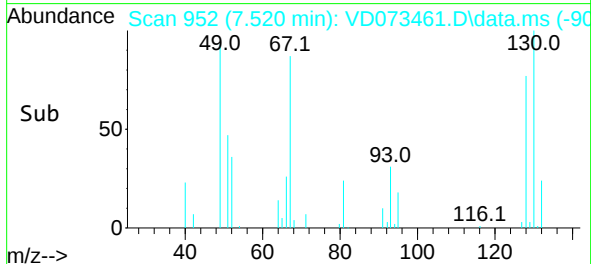
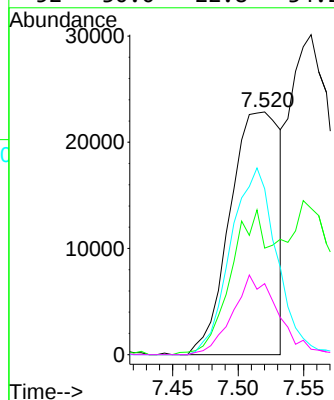
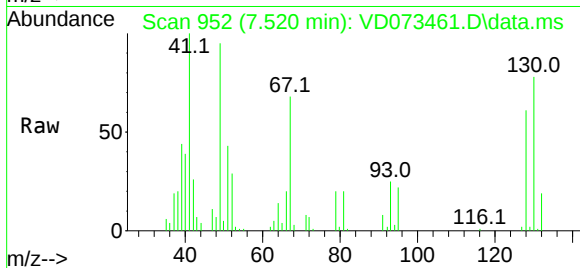


#41
Methacrylonitrile
Concen: 47.391 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 60134

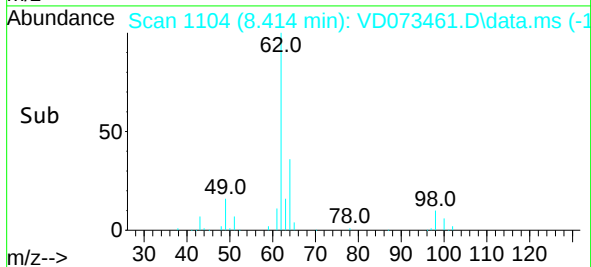
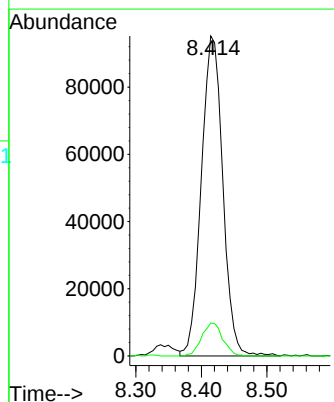
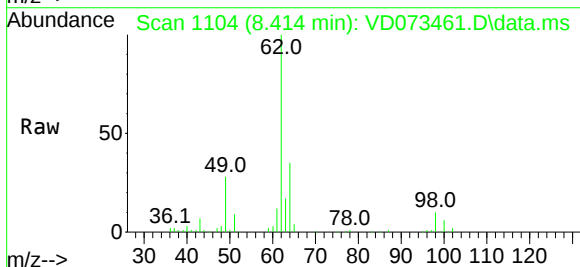
Ion	Ratio	Lower	Upper
41	100		
39	46.6	44.6	67.0
67	72.0	48.2	72.4
52	30.0	22.8	34.2

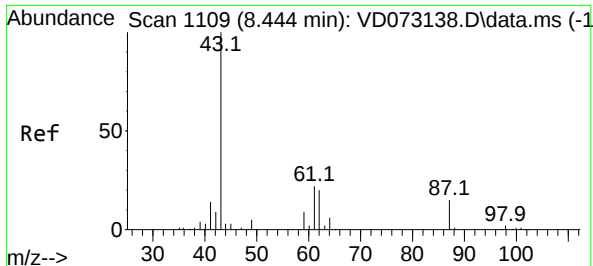


#42
1,2-Dichloroethane
Concen: 49.016 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 62 Resp: 216725

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6

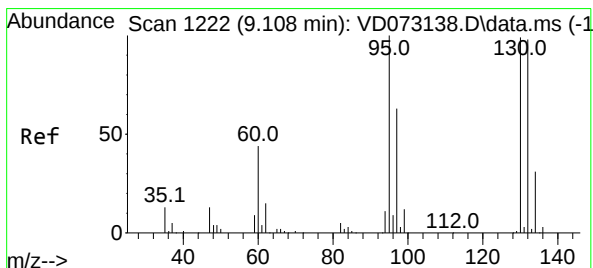
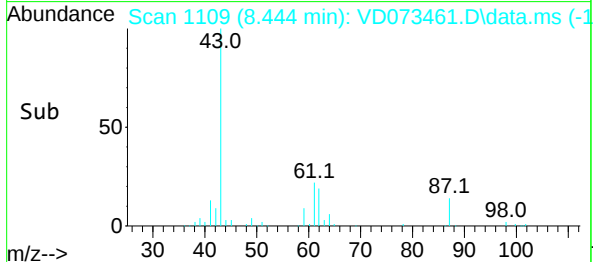
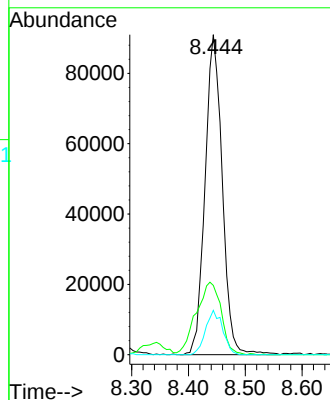
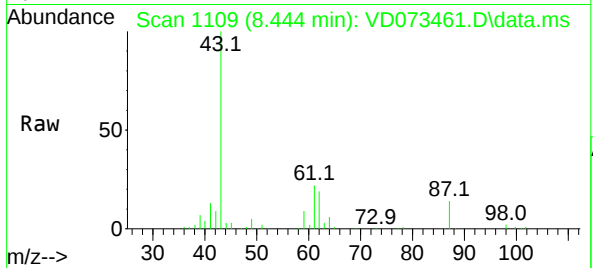




#43
Isopropyl Acetate
Concen: 47.436 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

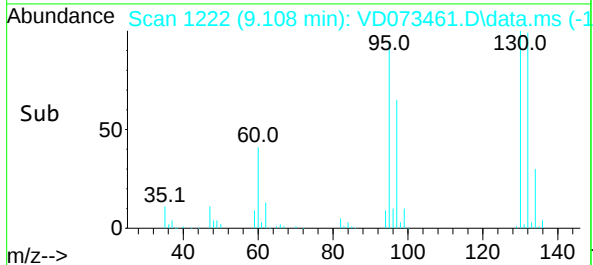
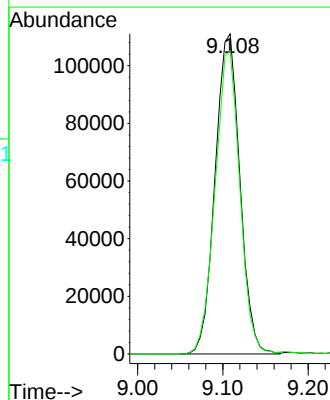
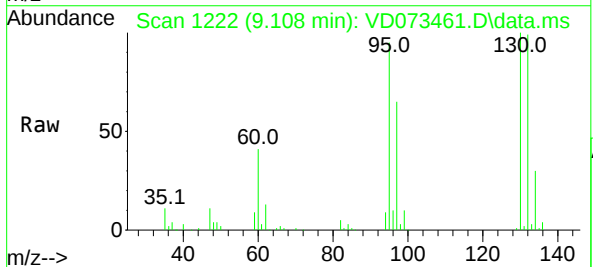
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

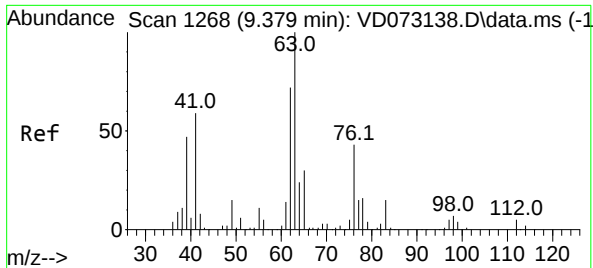
Tgt Ion: 43 Resp: 190954
Ion Ratio Lower Upper
43 100
61 32.8 22.4 33.6
87 13.8 8.7 13.1#



#44
Trichloroethene
Concen: 52.894 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 130 Resp: 224139
Ion Ratio Lower Upper
130 100
95 94.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.412 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

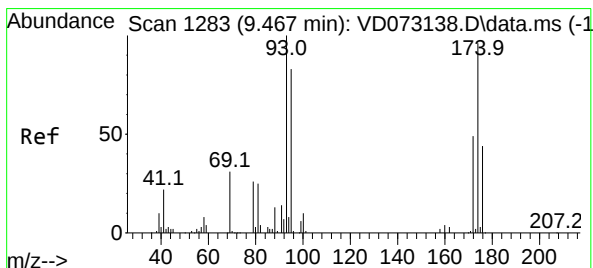
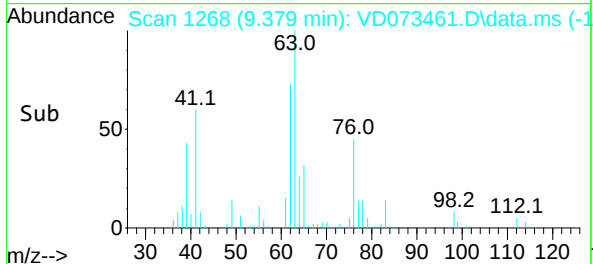
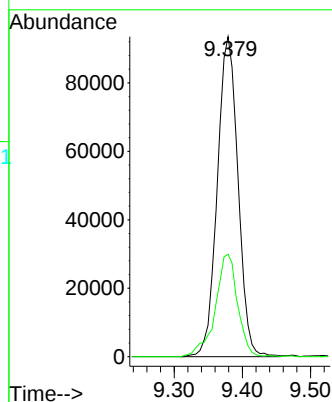
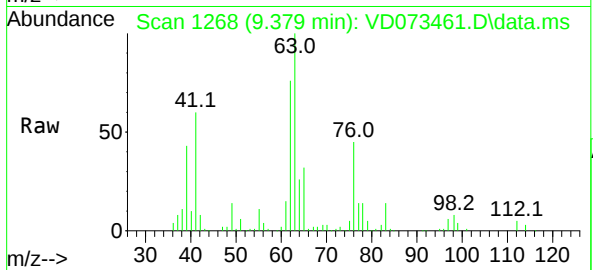
VSTDCCC050

Tgt Ion: 63 Resp: 197740

Ion Ratio Lower Upper

63 100

65 32.0 26.2 39.4



#46

Dibromomethane

Concen: 48.697 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

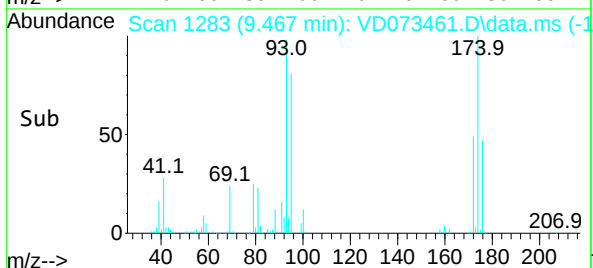
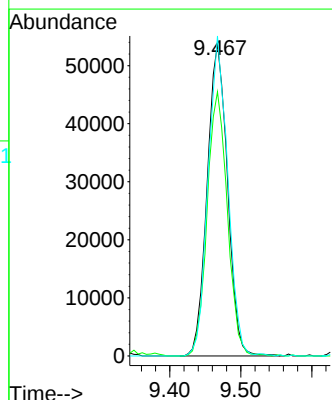
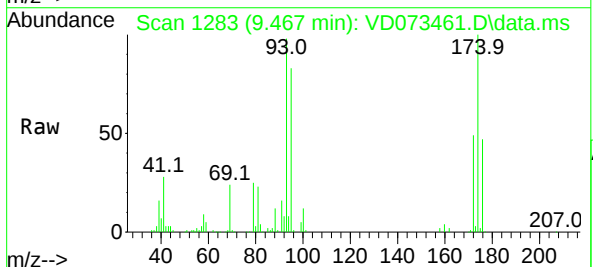
Tgt Ion: 93 Resp: 107030

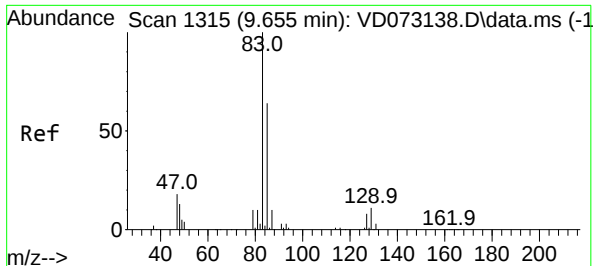
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 98.6 71.6 107.4

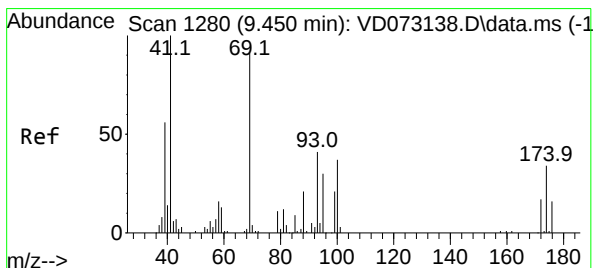
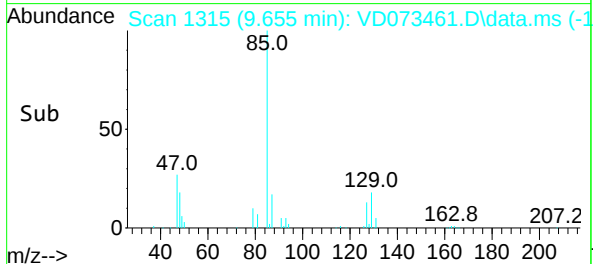
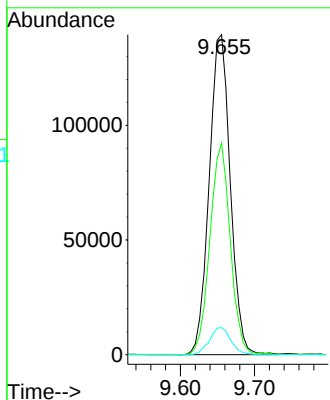
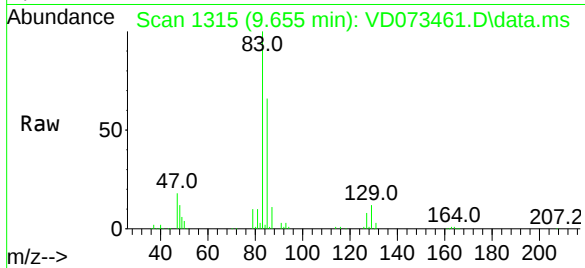




#47
Bromodichloromethane
Concen: 49.108 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

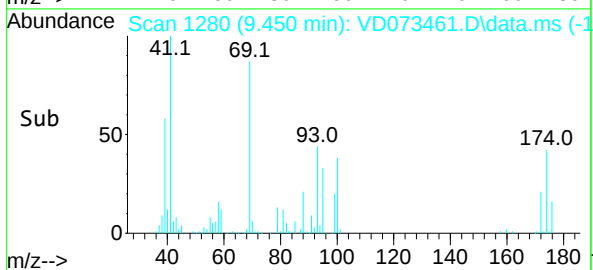
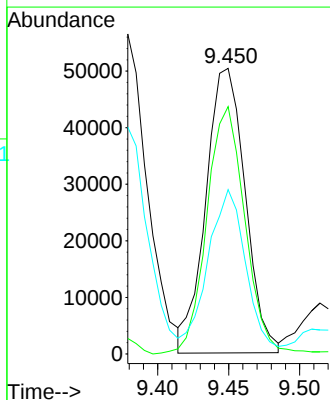
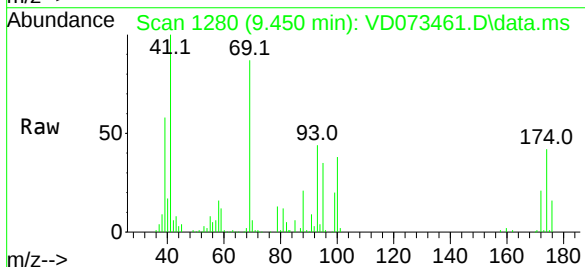
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

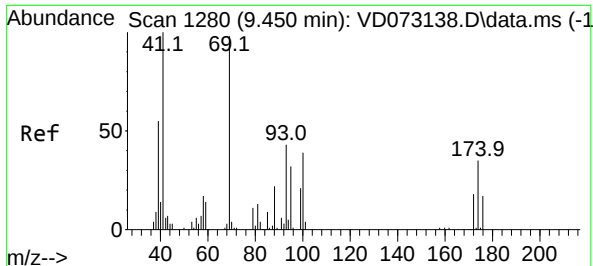
Tgt Ion: 83 Resp: 276169
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0
127 8.5 6.1 9.1



#48
Methyl methacrylate
Concen: 47.981 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 41 Resp: 97176
Ion Ratio Lower Upper
41 100
69 85.2 56.7 85.1#
39 50.5 42.7 64.1

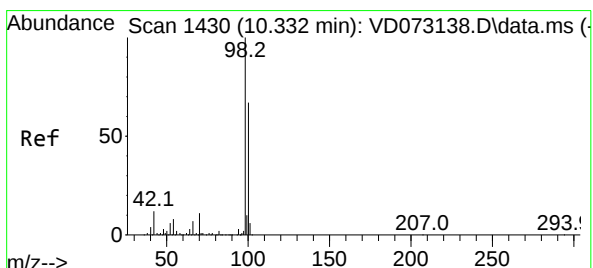
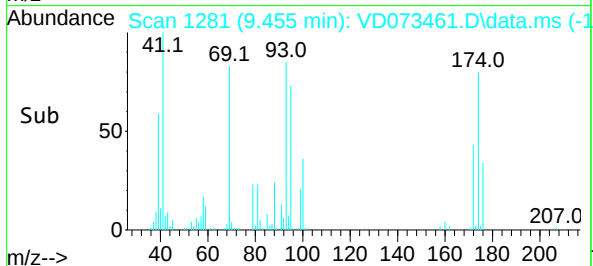
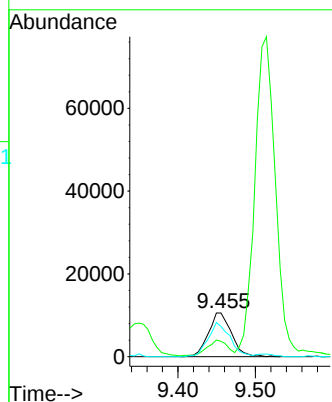
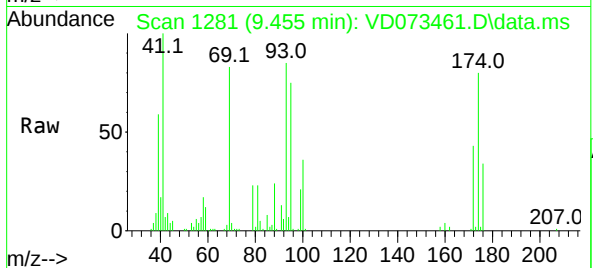




#49
1,4-Dioxane
Concen: 964.416 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

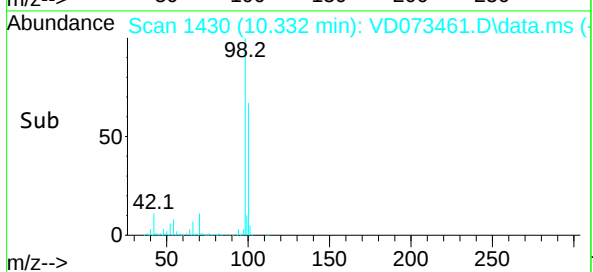
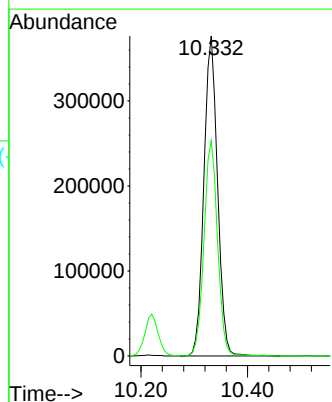
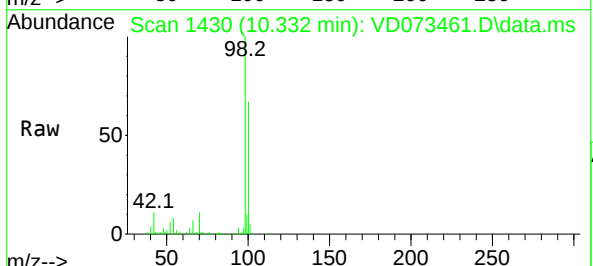
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

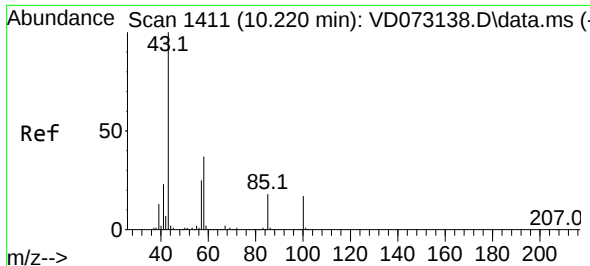
Tgt Ion: 88 Resp: 21890
Ion Ratio Lower Upper
88 100
43 33.4 31.0 46.4
58 73.8 58.1 87.1



#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 98 Resp: 667419
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

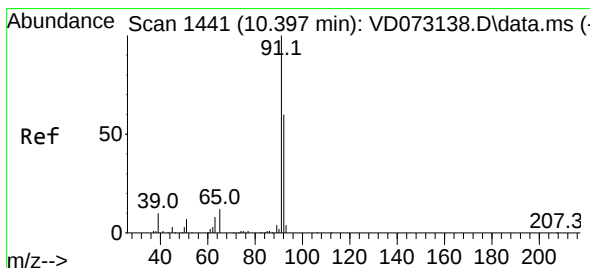
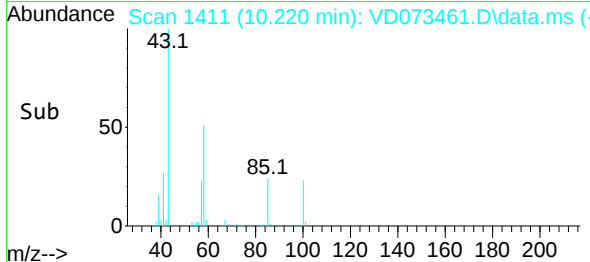
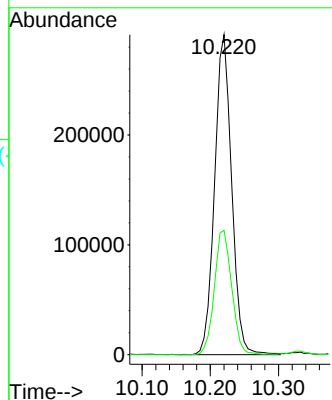
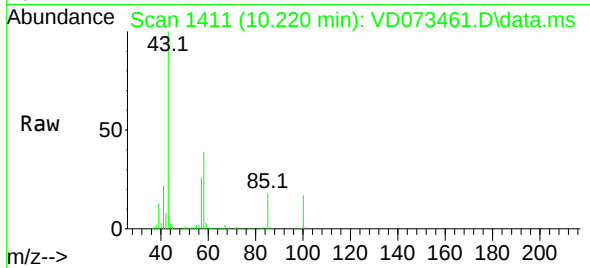




#51
4-Methyl-2-Pentanone
Concen: 242.512 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

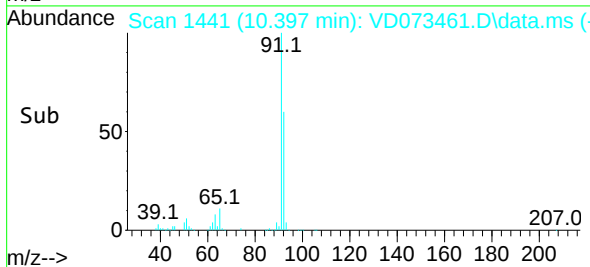
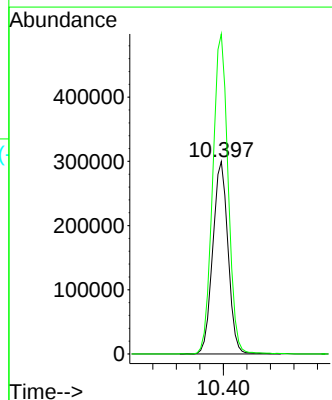
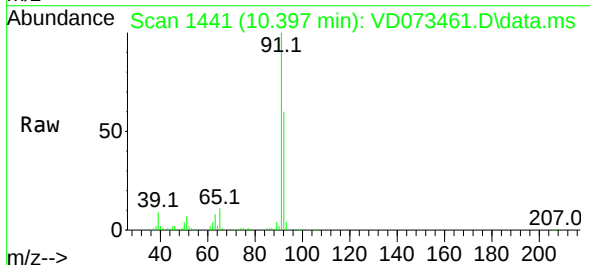
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

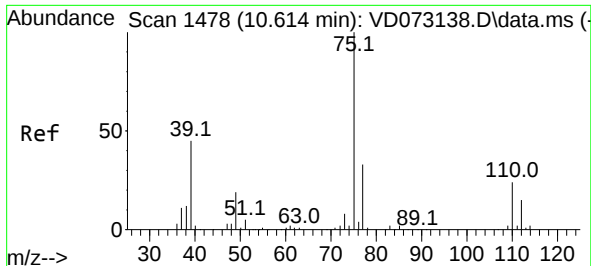
Tgt Ion: 43 Resp: 507039
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 53.718 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 92 Resp: 539415
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 49.895 ug/l

RT: 10.608 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

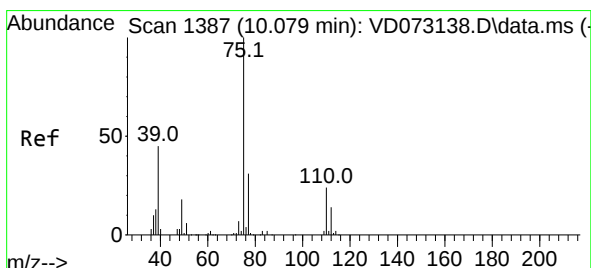
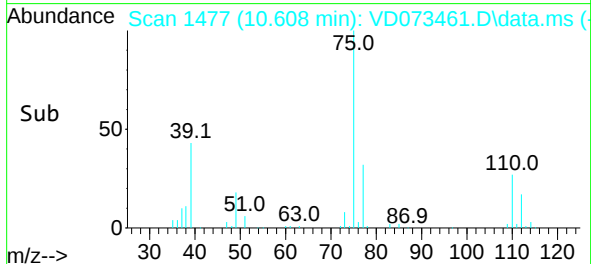
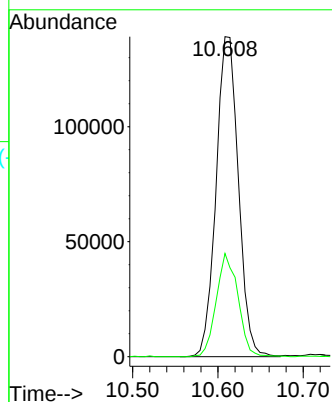
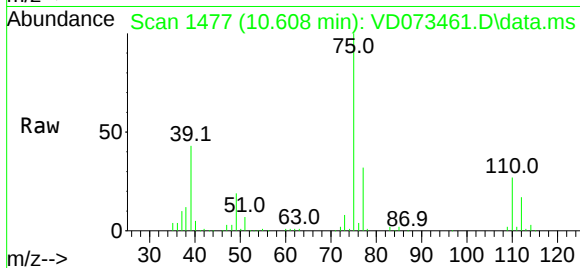
VSTDCCC050

Tgt Ion: 75 Resp: 253498

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.378 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

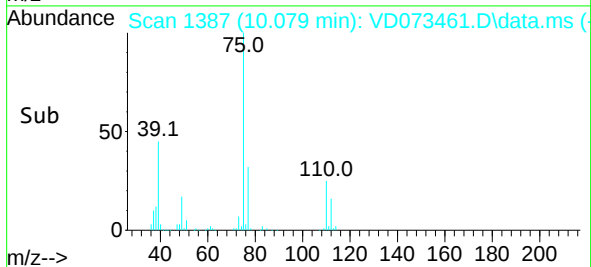
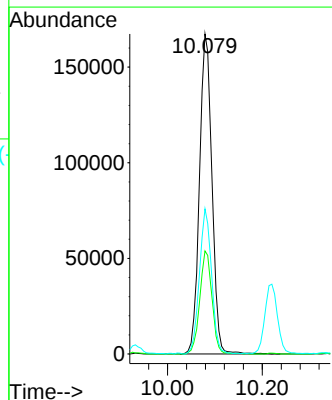
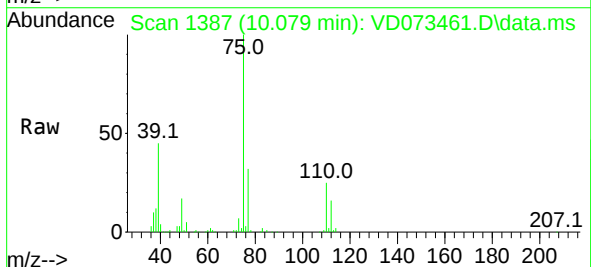
Tgt Ion: 75 Resp: 306292

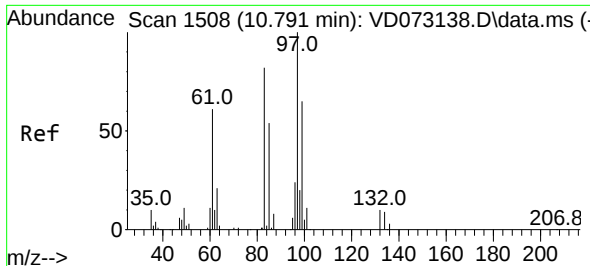
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 45.1 46.8 70.2#



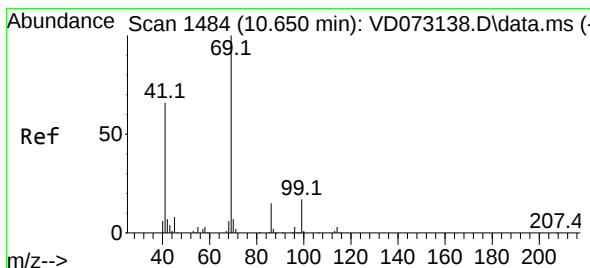
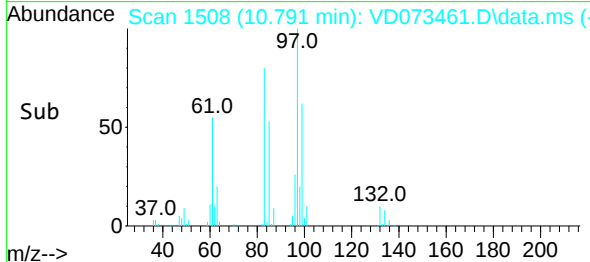
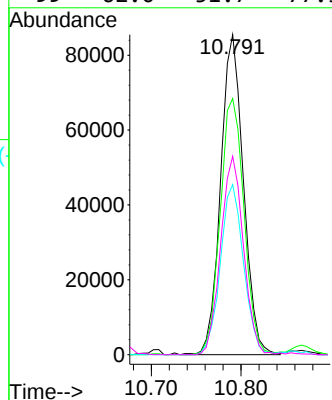
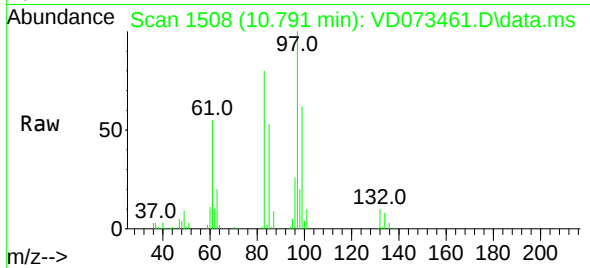


#55
1,1,2-Trichloroethane
Concen: 50.708 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 150711

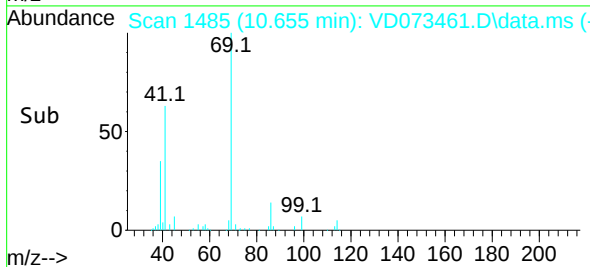
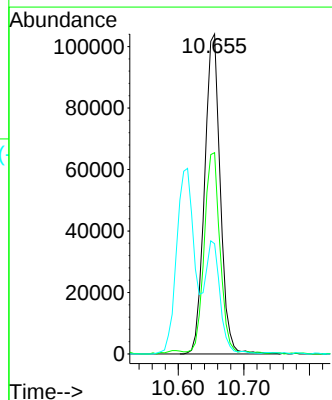
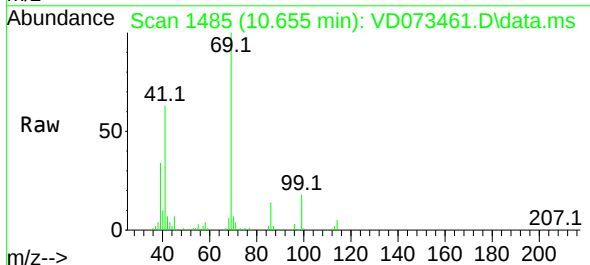
Ion	Ratio	Lower	Upper
97	100		
83	80.0	69.0	103.4
85	53.1	42.6	63.8
99	62.0	51.7	77.5

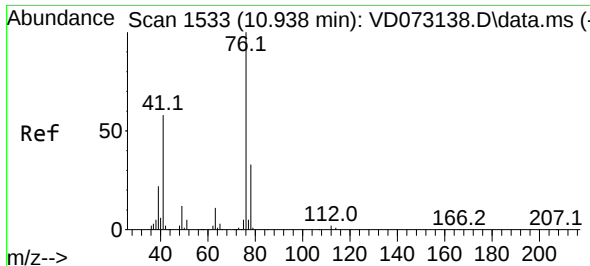


#56
Ethyl methacrylate
Concen: 52.478 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 69 Resp: 173414

Ion	Ratio	Lower	Upper
69	100		
41	63.3	63.0	94.6
39	34.0	33.8	50.8

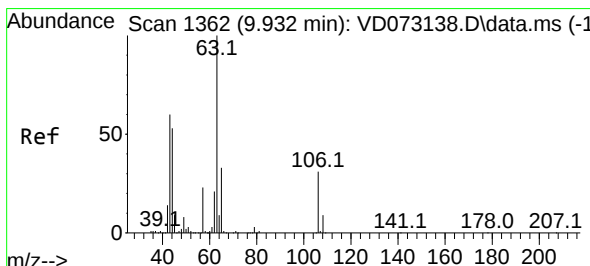
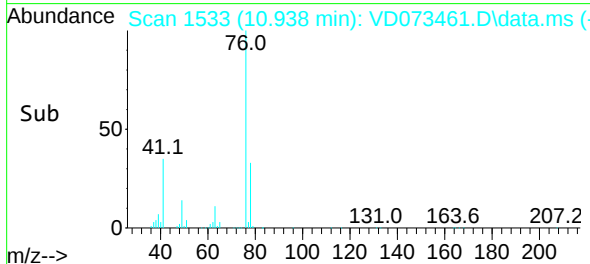
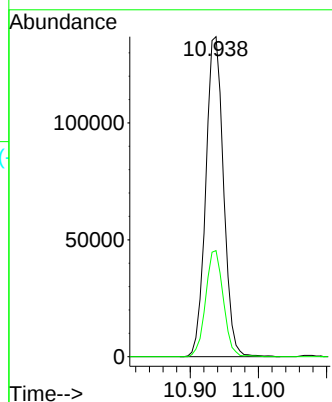
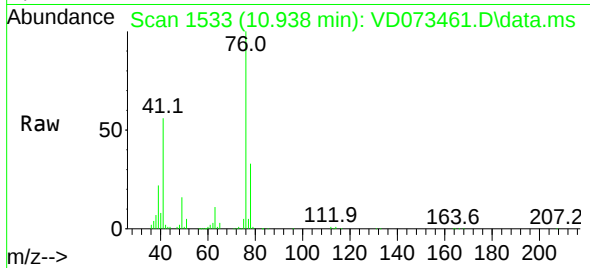




#57
1,3-Dichloropropane
Concen: 49.664 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

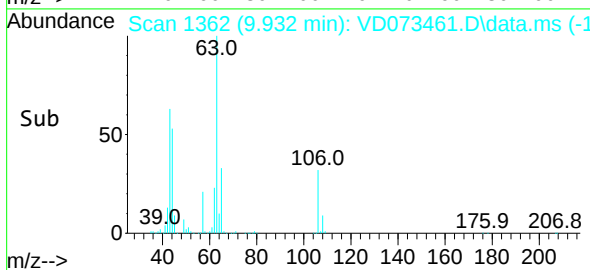
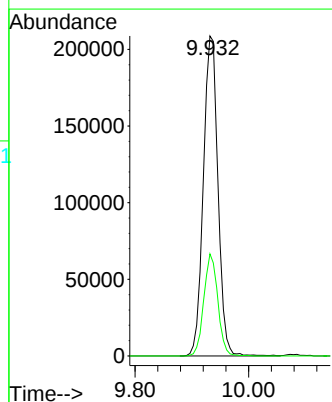
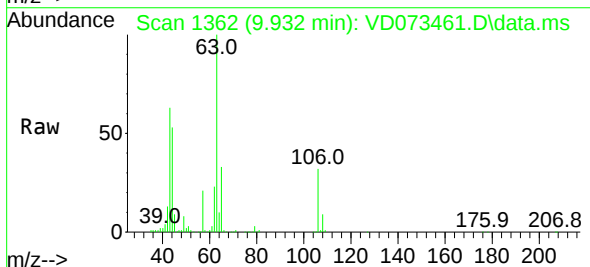
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

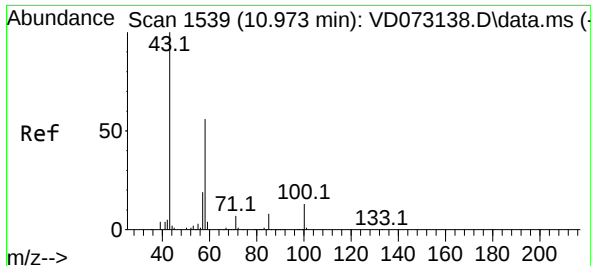
Tgt Ion: 76 Resp: 247673
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 238.396 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 63 Resp: 372557
Ion Ratio Lower Upper
63 100
106 30.5 21.4 32.0

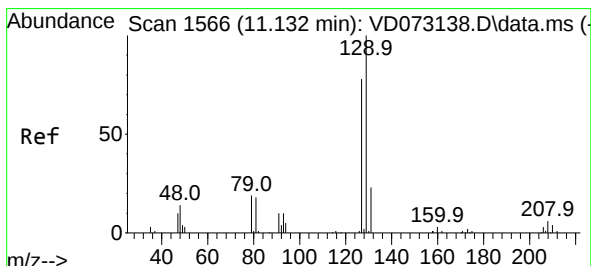
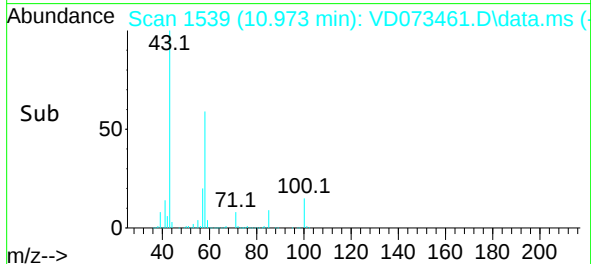
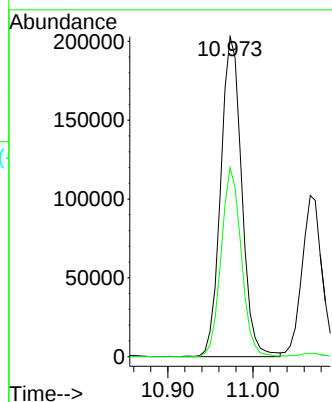
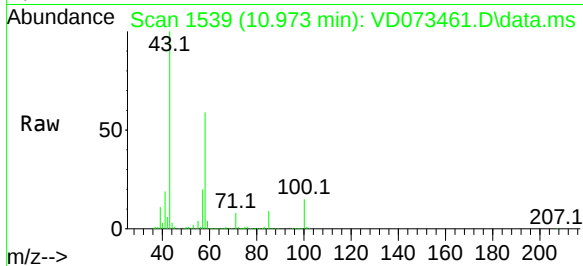




#59
2-Hexanone
Concen: 252.382 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

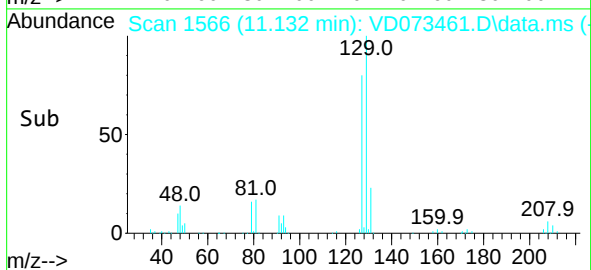
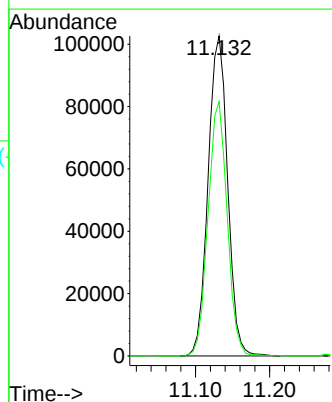
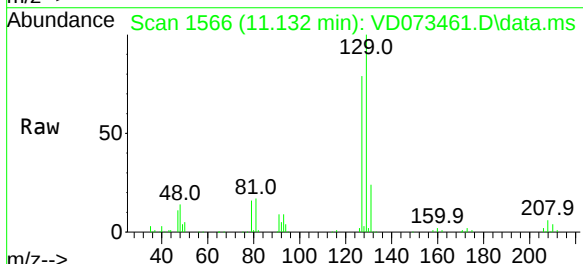
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

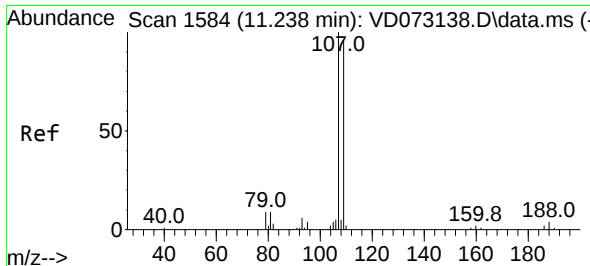
Tgt Ion: 43 Resp: 347889
Ion Ratio Lower Upper
43 100
58 56.5 25.3 75.9



#60
Dibromochloromethane
Concen: 50.767 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 129 Resp: 188143
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

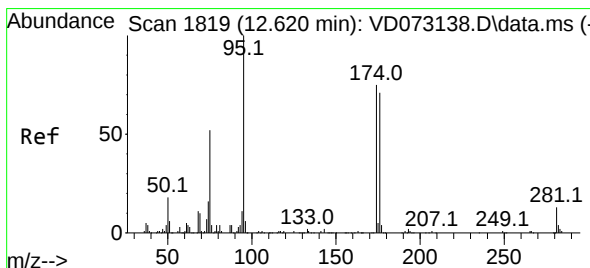
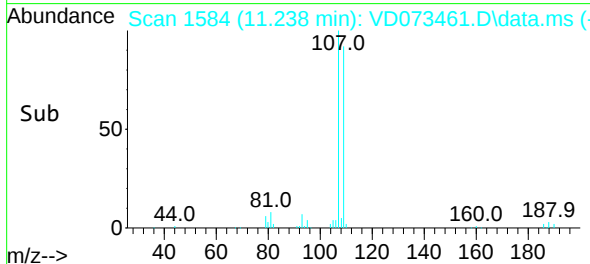
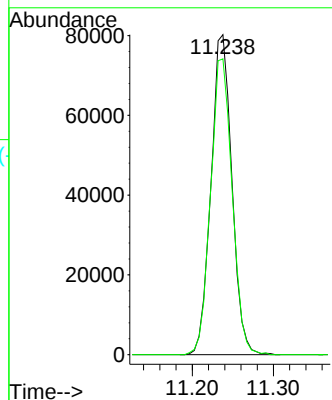
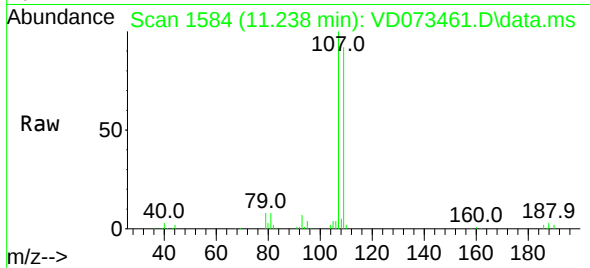




#61
1,2-Dibromoethane
Concen: 50.442 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

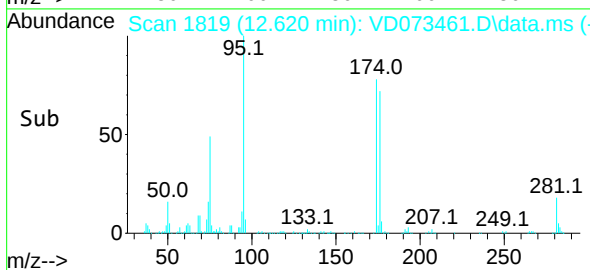
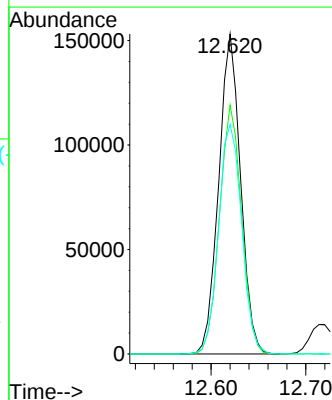
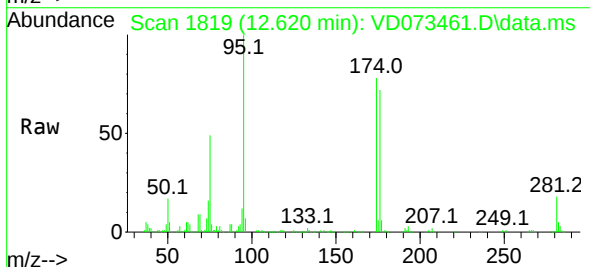
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

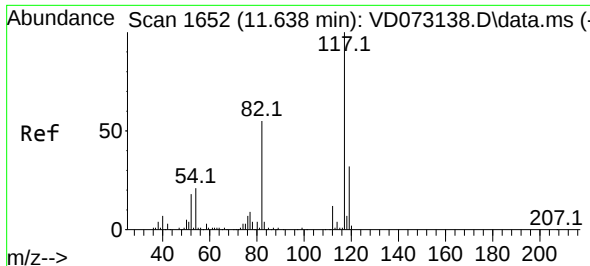
Tgt Ion:107 Resp: 143260
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.809 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 95 Resp: 245712
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.8 0.0 145.4

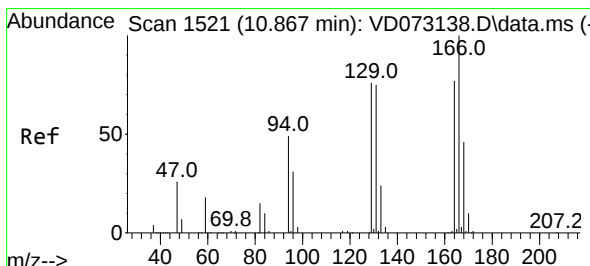
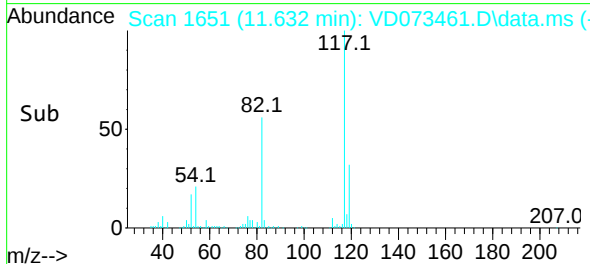
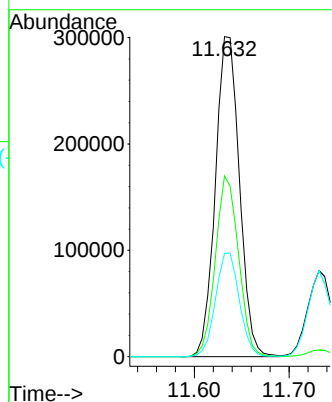
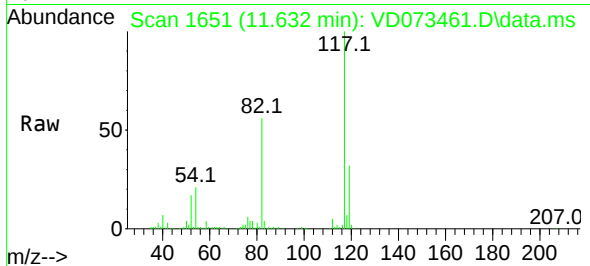




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

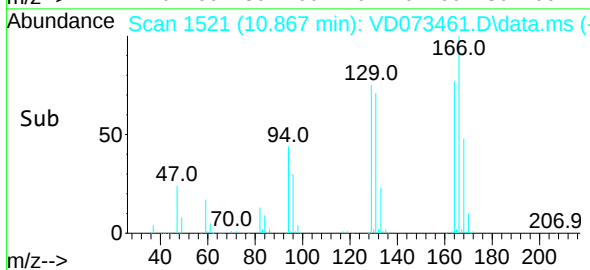
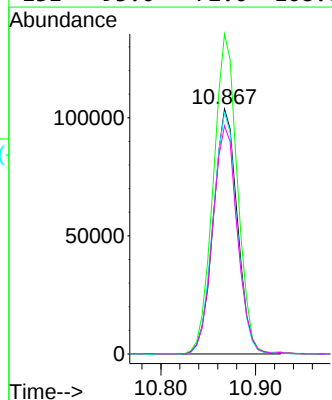
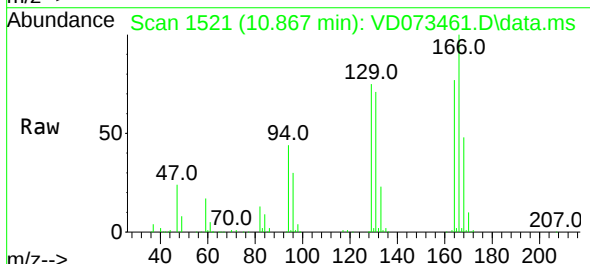
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

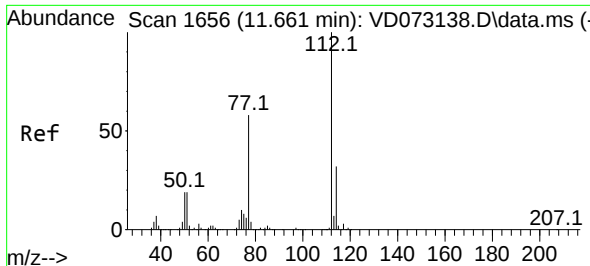
Tgt Ion:117 Resp: 531849
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 52.298 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:164 Resp: 182180
Ion Ratio Lower Upper
164 100
166 130.6 98.5 147.7
129 98.5 74.6 111.8
131 93.0 72.0 108.0

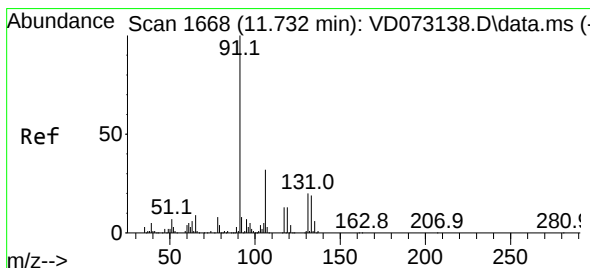
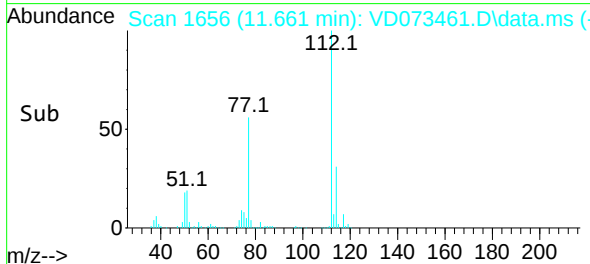
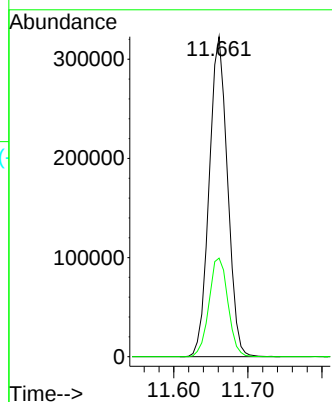
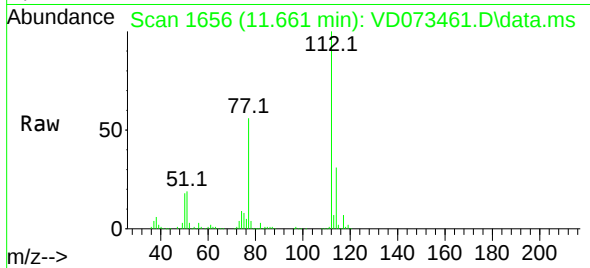




#65
Chlorobenzene
Concen: 50.840 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

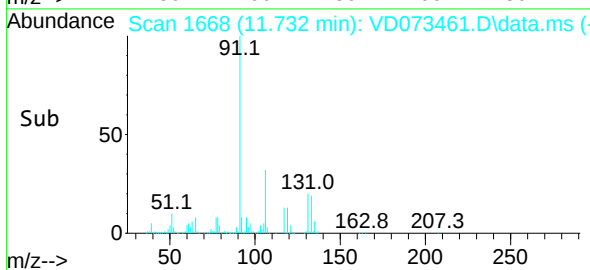
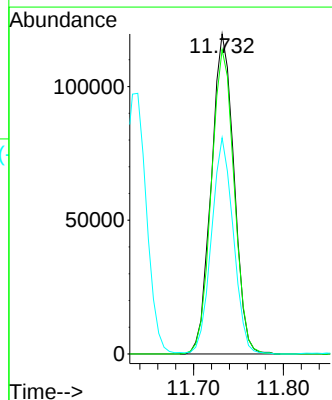
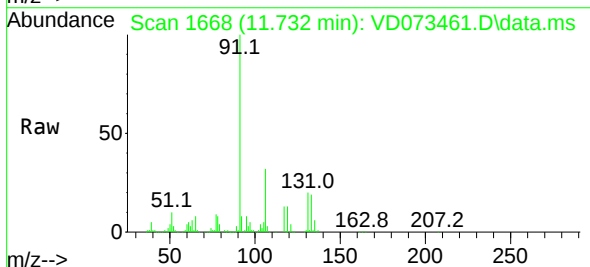
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

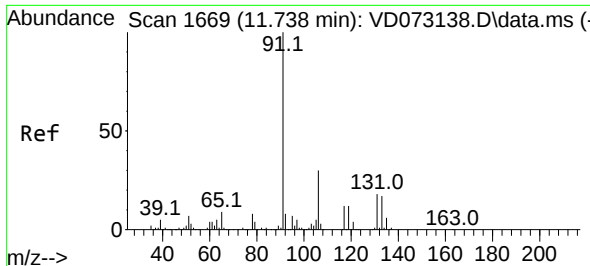
Tgt Ion:112 Resp: 554699
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.938 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:131 Resp: 210165
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 65.1 31.9 95.9

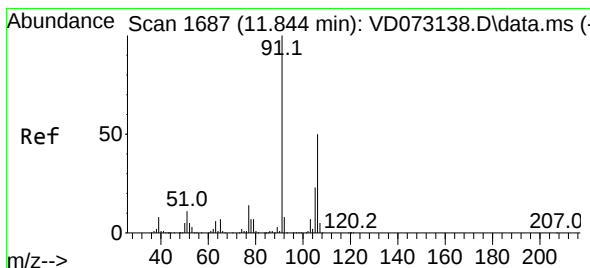
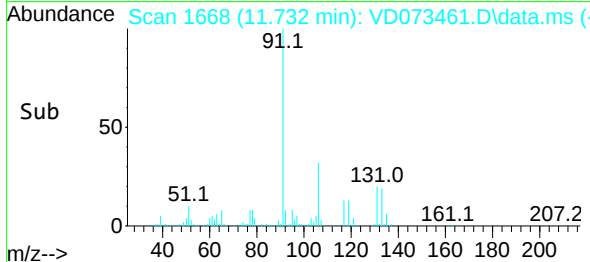
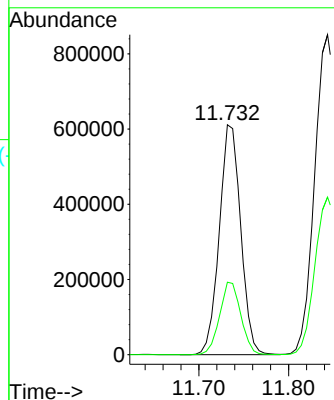
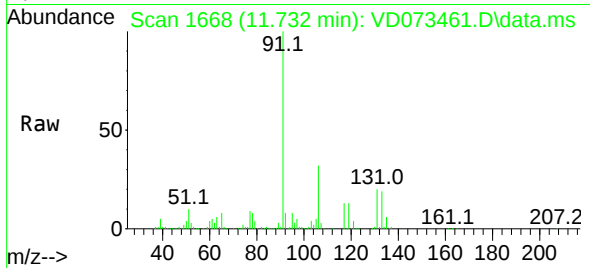




#67
Ethyl Benzene
Concen: 52.956 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

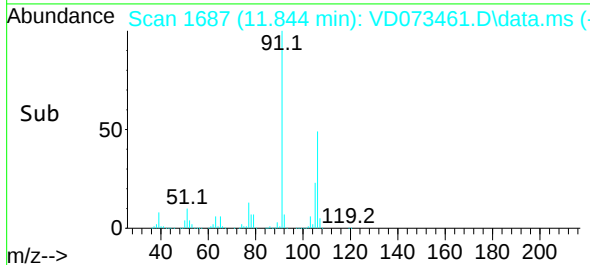
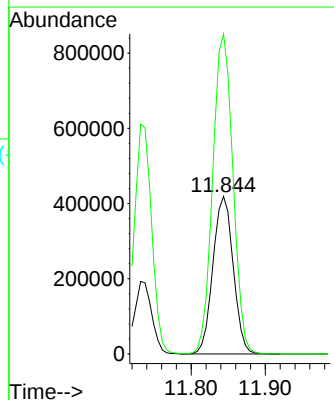
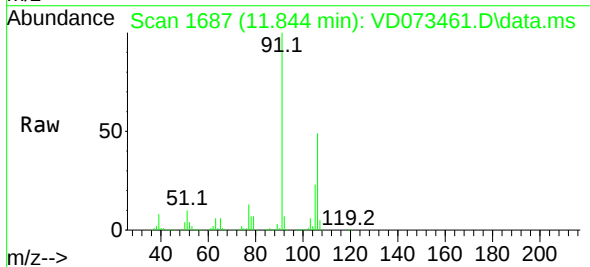
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

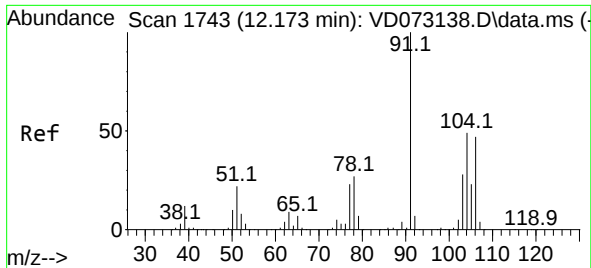
Tgt Ion: 91 Resp: 1014292
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 107.098 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 106 Resp: 796960
Ion Ratio Lower Upper
106 100
91 202.4 163.7 245.5

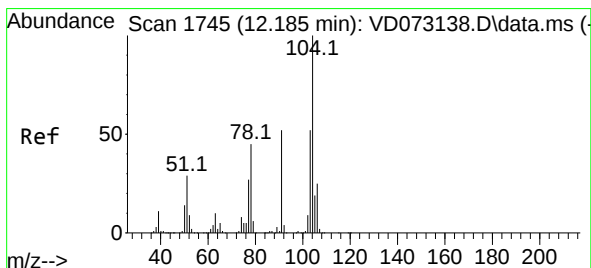
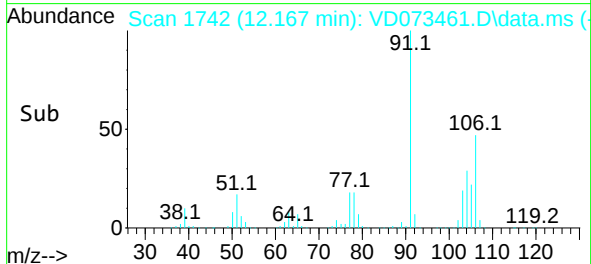
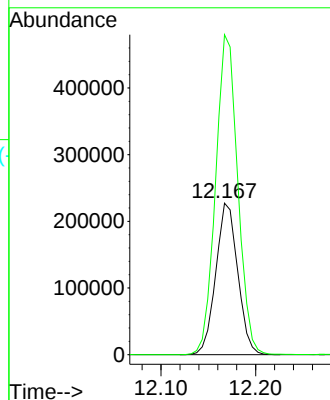
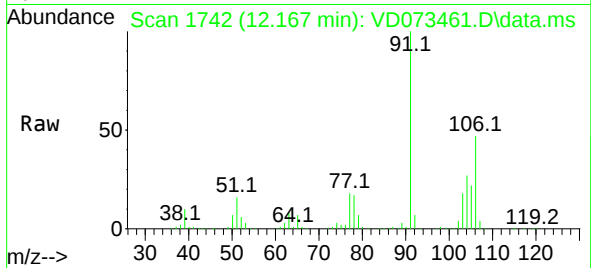




#69
o-Xylene
Concen: 53.567 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

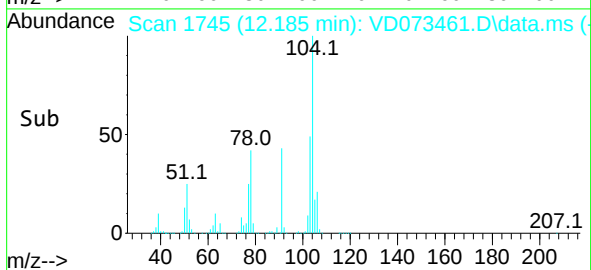
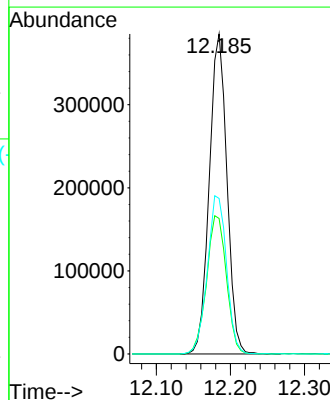
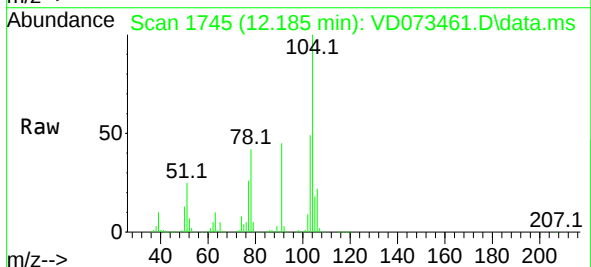
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

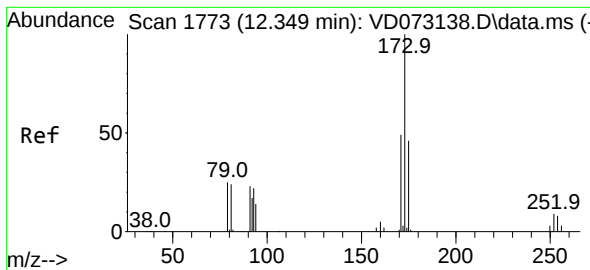
Tgt Ion:106 Resp: 366186
Ion Ratio Lower Upper
106 100
91 213.2 110.4 331.2



#70
Styrene
Concen: 54.145 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:104 Resp: 636807
Ion Ratio Lower Upper
104 100
78 48.6 41.8 62.8
103 54.0 44.2 66.4





#71

Bromoform

Concen: 52.015 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

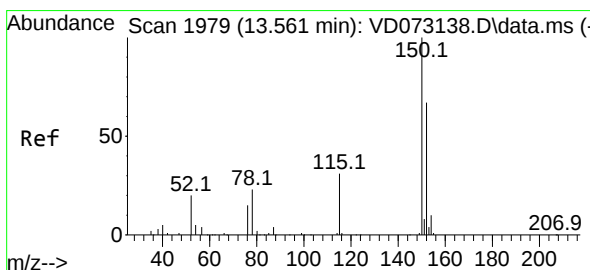
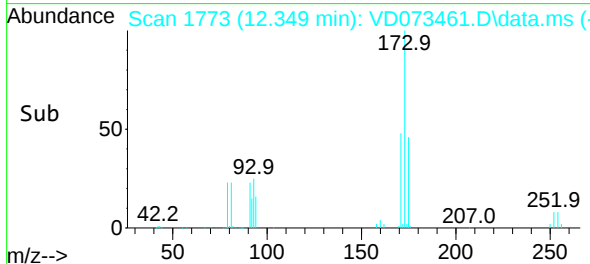
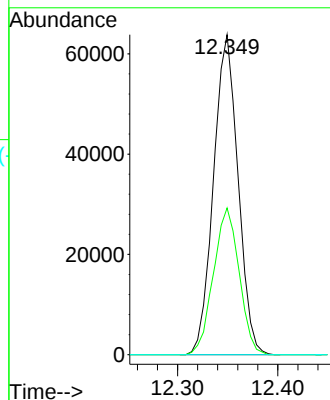
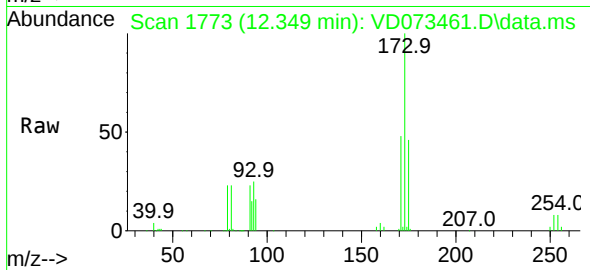
Tgt Ion:173 Resp: 108325

Ion Ratio Lower Upper

173 100

175 48.1 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: VD073461.D

Acq: 02 Jun 2022 09:56

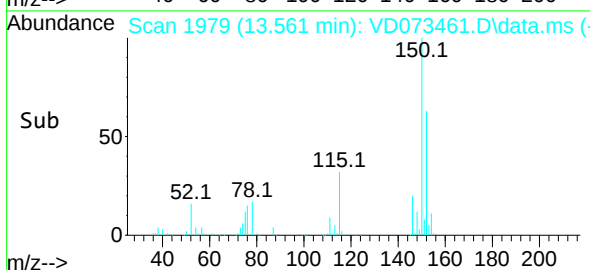
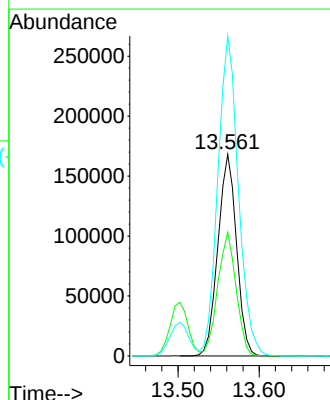
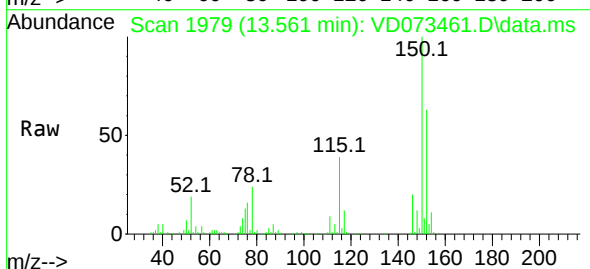
Tgt Ion:152 Resp: 268373

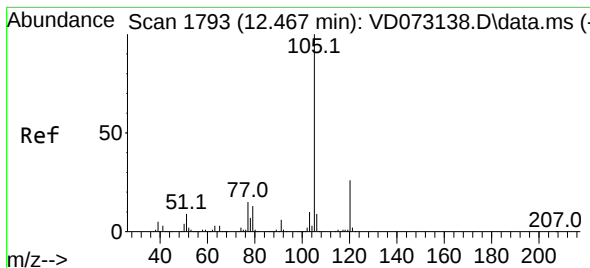
Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 175.0 0.0 348.6





#73

Isopropylbenzene

Concen: 51.613 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

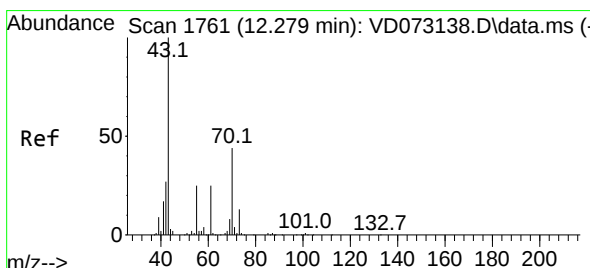
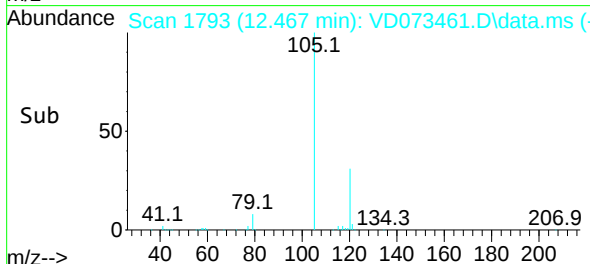
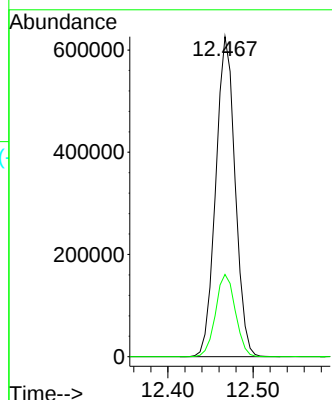
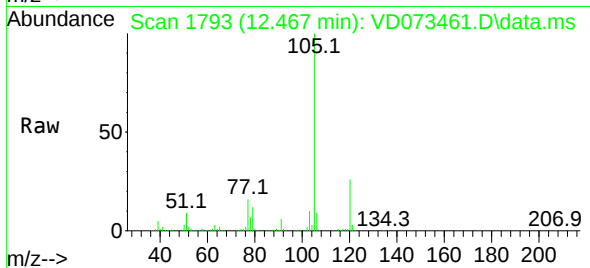
VSTDCCC050

Tgt Ion:105 Resp: 987471

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 46.637 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Tgt Ion: 43 Resp: 194651

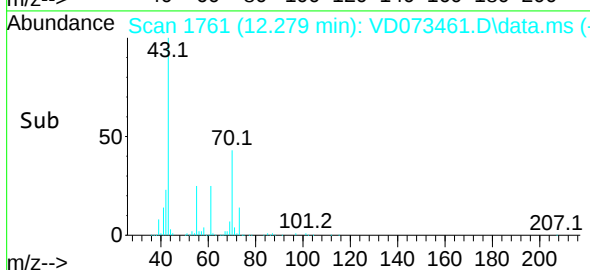
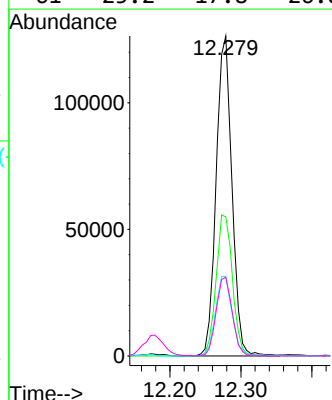
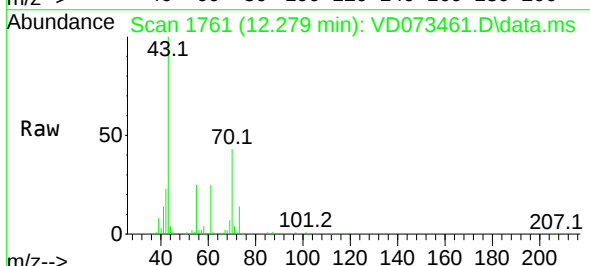
Ion Ratio Lower Upper

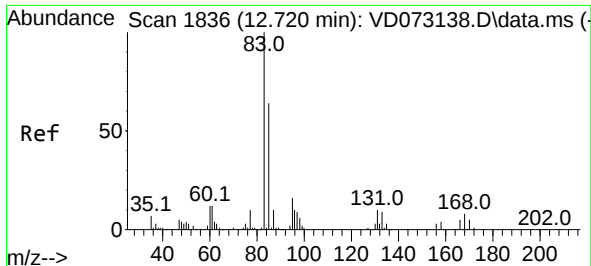
43 100

70 45.7 31.3 46.9

55 26.3 20.0 30.0

61 25.2 17.8 26.8

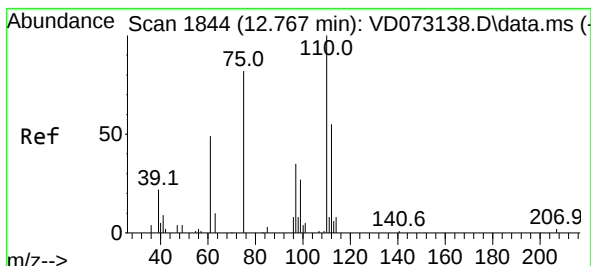
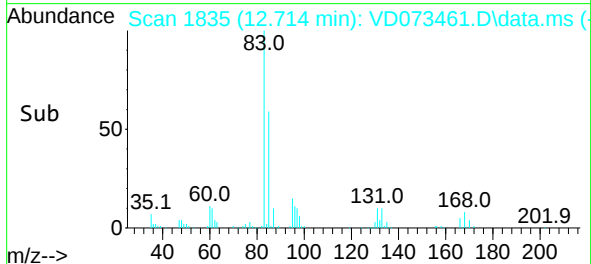
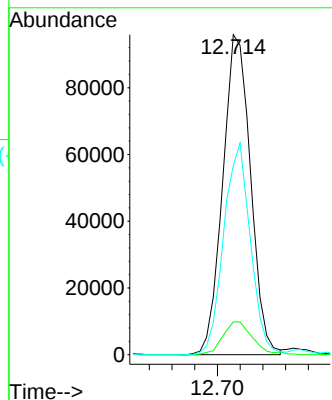
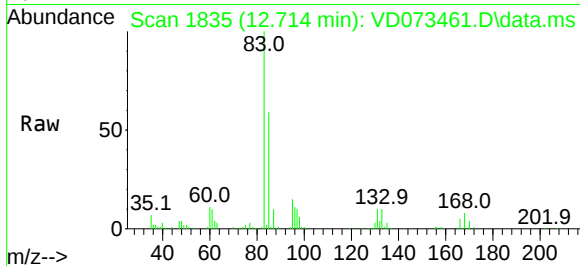




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.223 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

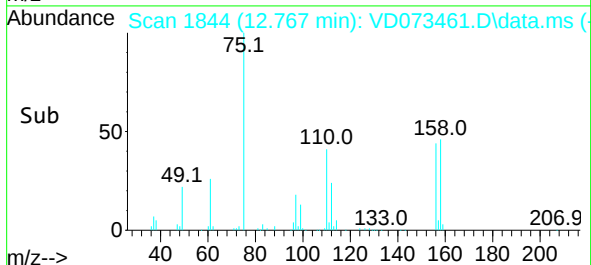
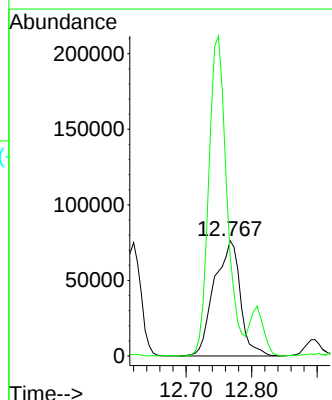
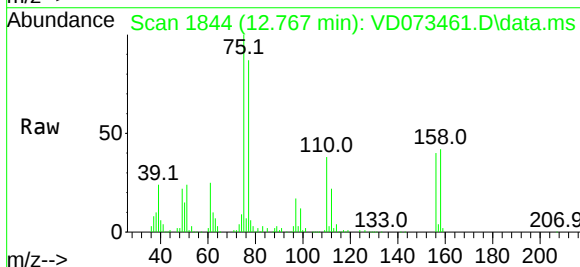
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

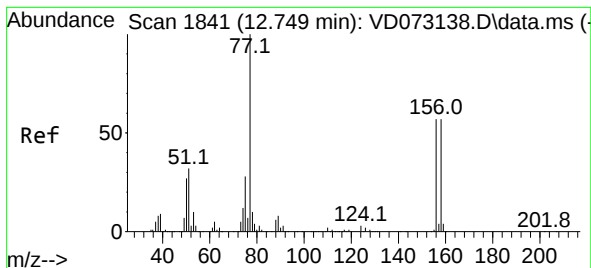
Tgt Ion: 83 Resp: 163102
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 14.9
 85 63.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 79.784 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Tgt Ion: 75 Resp: 210087
 Ion Ratio Lower Upper
 75 100
 77 194.7 0.0 0.0#





#77

Bromobenzene

Concen: 49.738 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

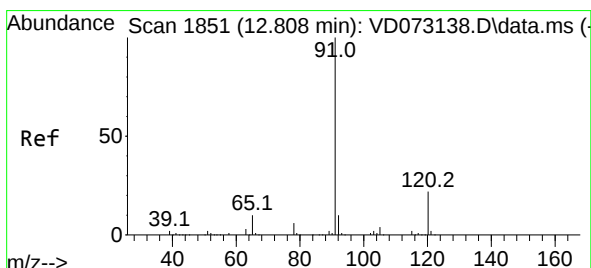
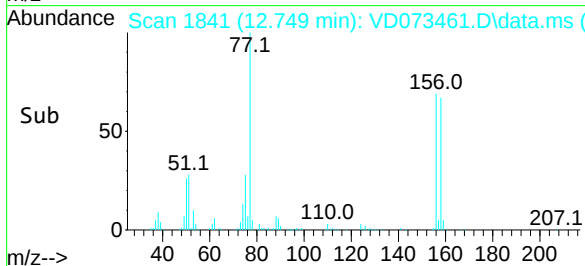
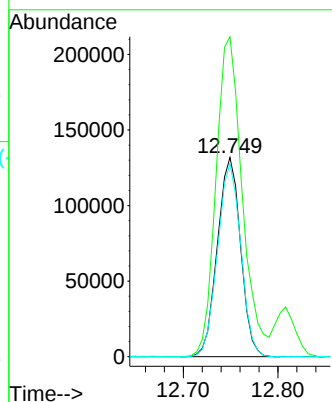
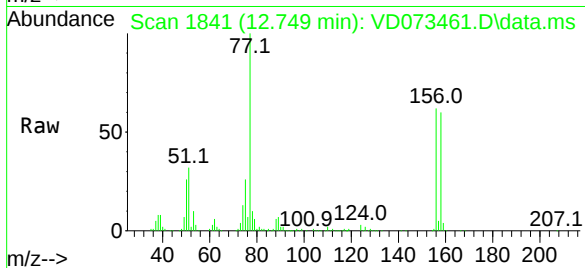
Tgt Ion:156 Resp: 224004

Ion Ratio Lower Upper

156 100

77 182.6 102.8 308.3

158 97.2 48.7 146.1



#78

n-propylbenzene

Concen: 52.155 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073461.D

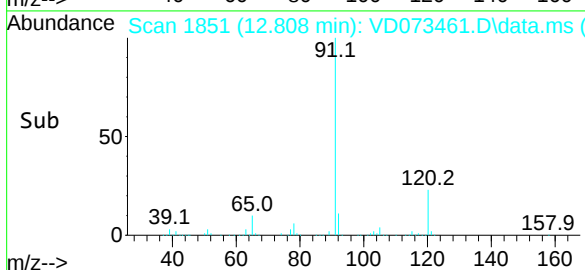
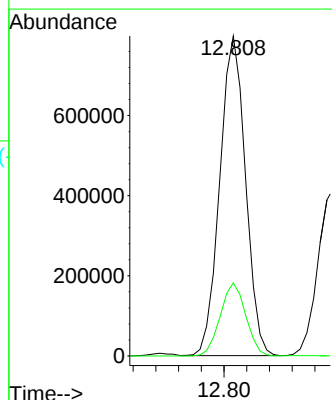
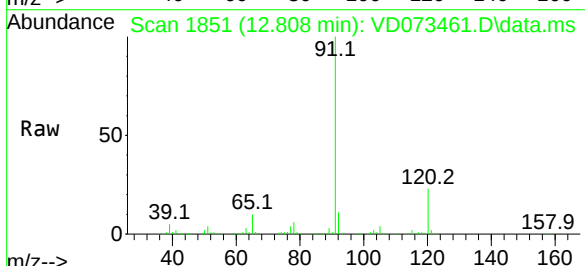
Acq: 02 Jun 2022 09:56

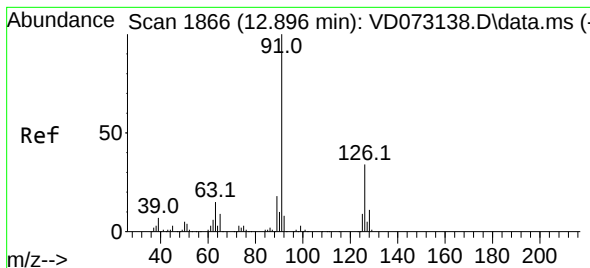
Tgt Ion: 91 Resp: 1252714

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.115 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

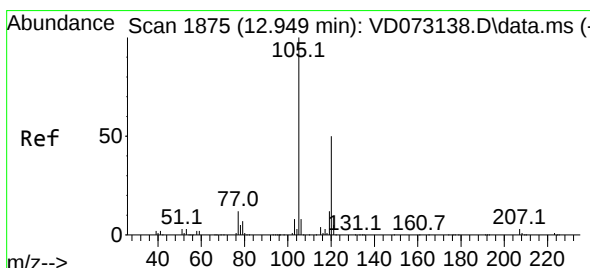
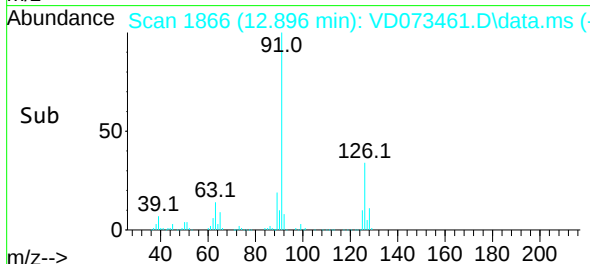
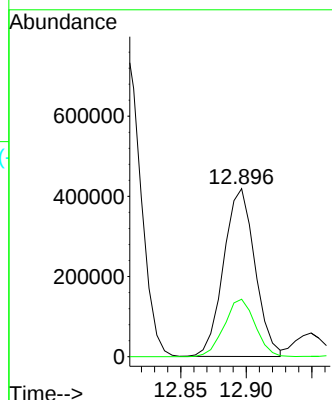
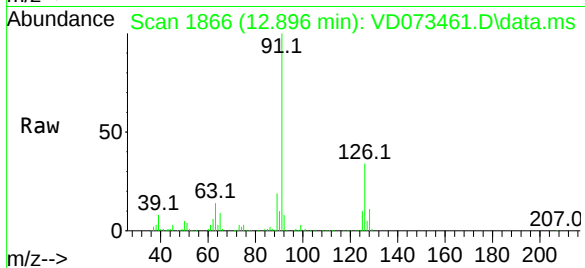
VSTDCCC050

Tgt Ion: 91 Resp: 695001

Ion Ratio Lower Upper

91 100

126 33.8 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.685 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073461.D

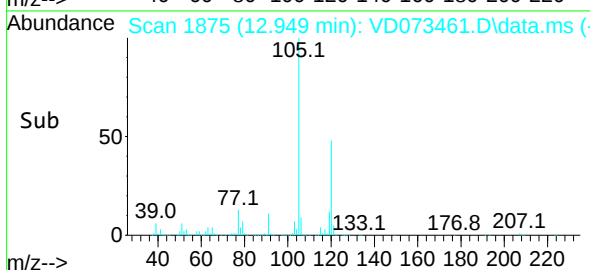
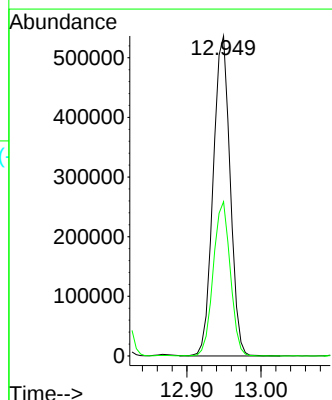
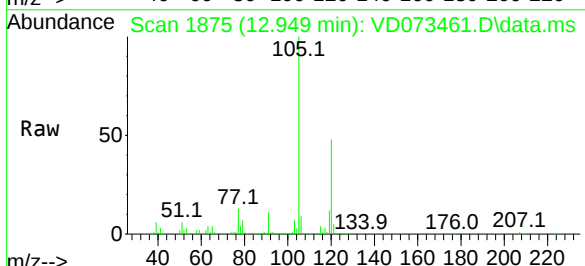
Acq: 02 Jun 2022 09:56

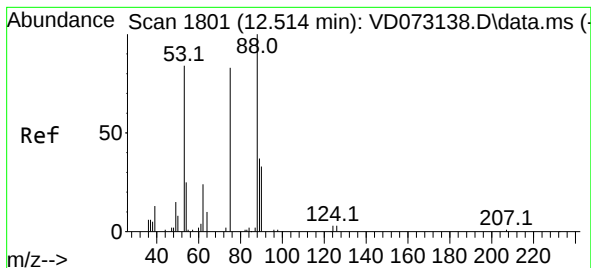
Tgt Ion: 105 Resp: 853866

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

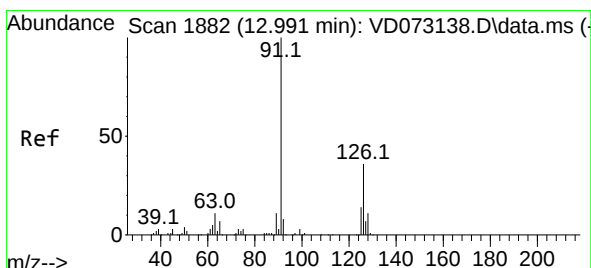
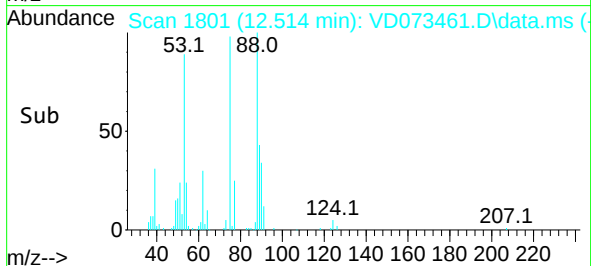
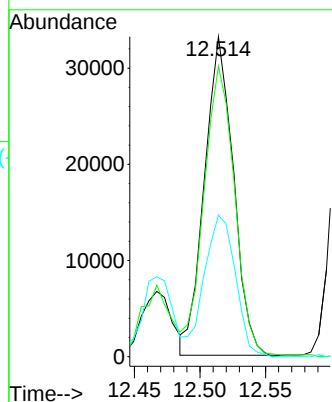
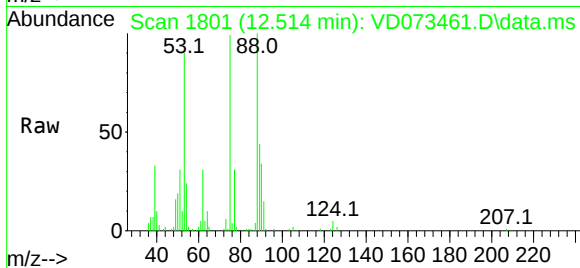




#81
trans-1,4-Dichloro-2-butene
Concen: 46.410 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

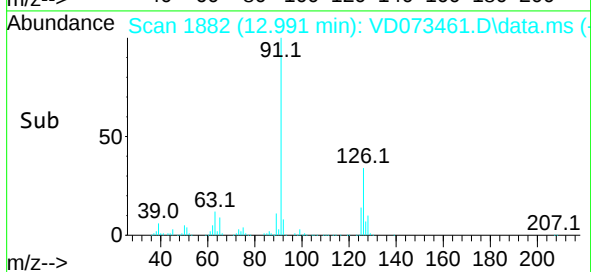
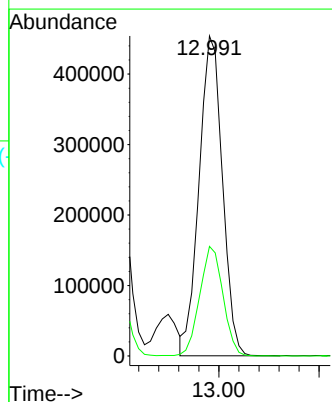
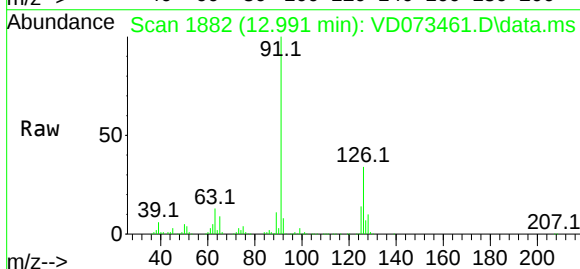
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

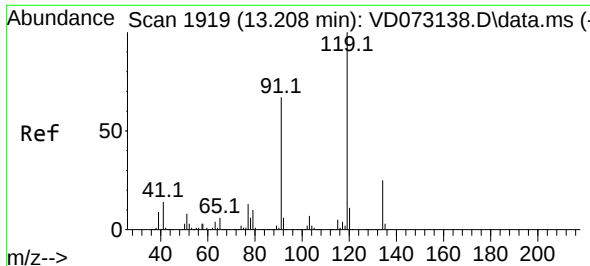
Tgt Ion: 75 Resp: 50905
Ion Ratio Lower Upper
75 100
53 97.5 86.5 129.7
89 48.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.456 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 91 Resp: 733440
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

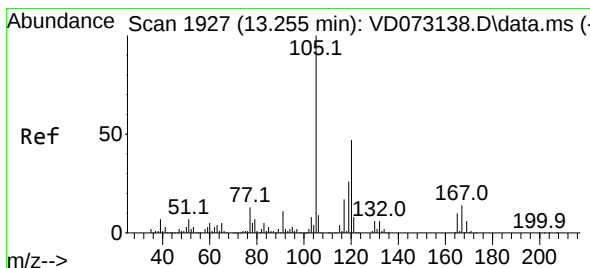
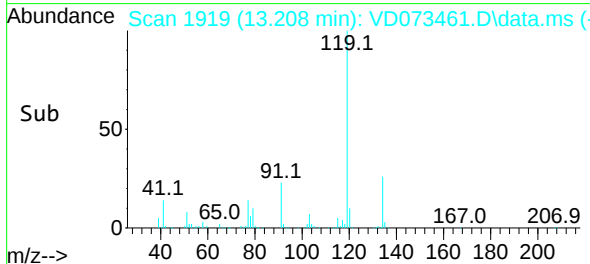
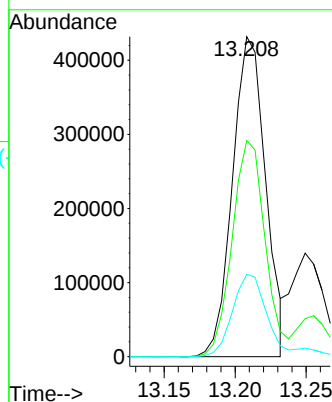
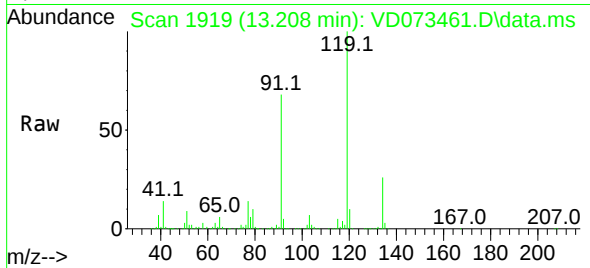




#83
tert-Butylbenzene
Concen: 51.218 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

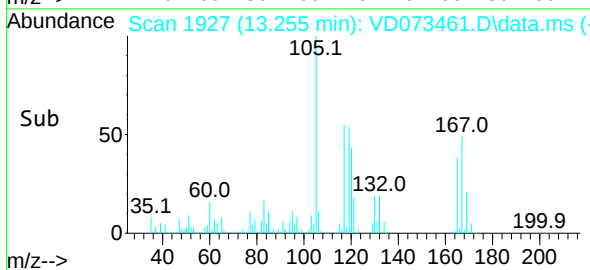
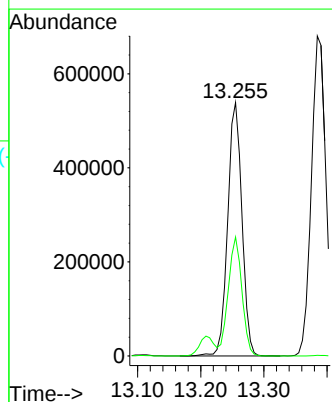
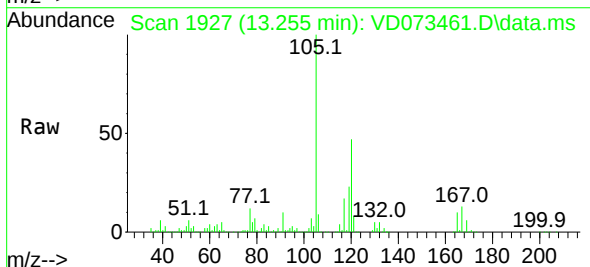
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

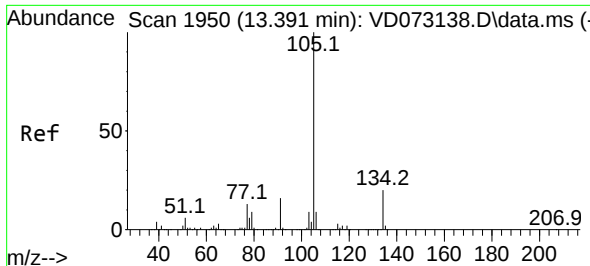
Tgt Ion:119 Resp: 699584
Ion Ratio Lower Upper
119 100
91 67.5 34.8 104.5
134 28.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.608 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:105 Resp: 842288
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8

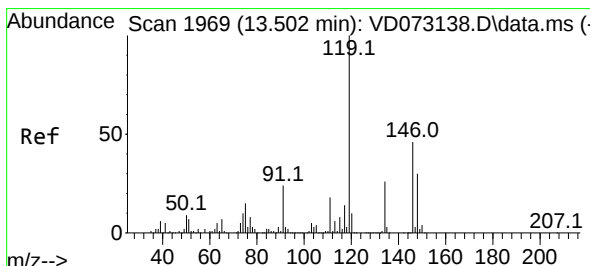
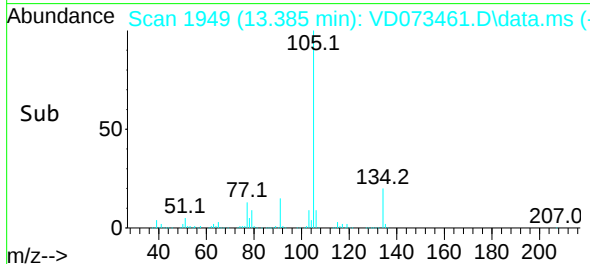
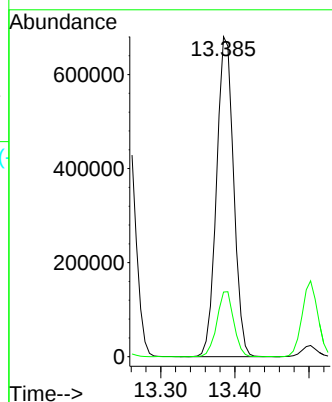
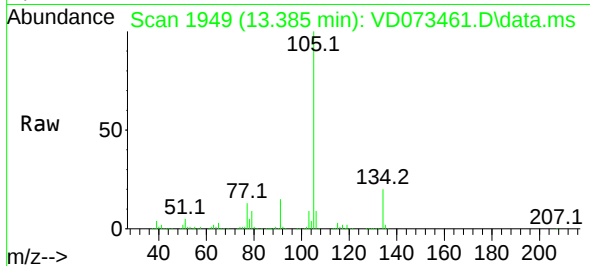




#85
 sec-Butylbenzene
 Concen: 52.171 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

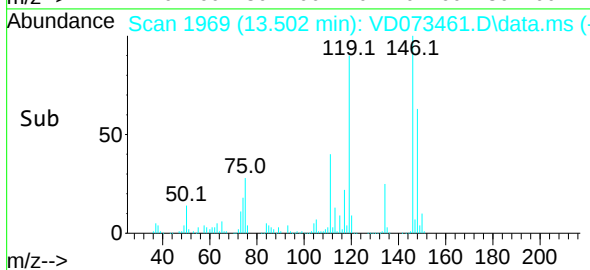
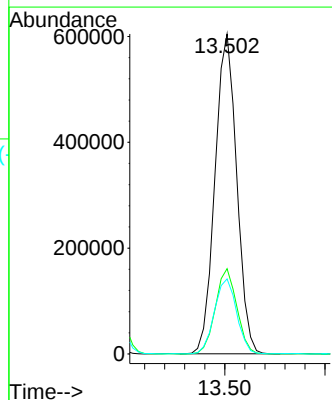
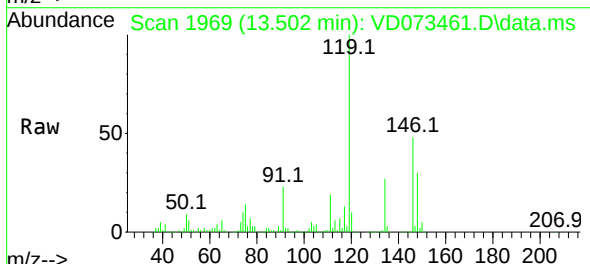
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

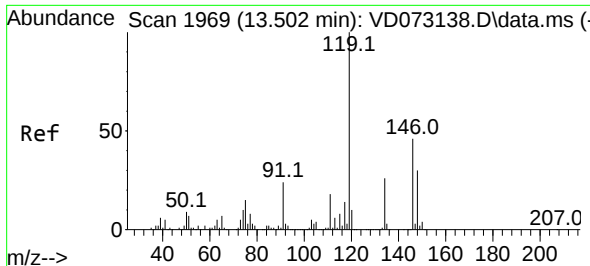
Tgt Ion:105 Resp: 1088093
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.462 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073461.D
 Acq: 02 Jun 2022 09:56

Tgt Ion:119 Resp: 908921
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.9 12.1 36.3

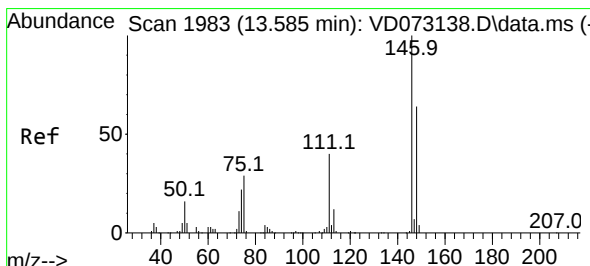
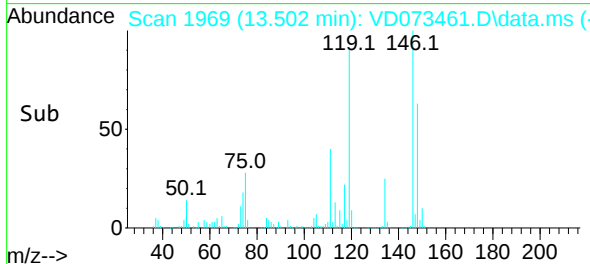
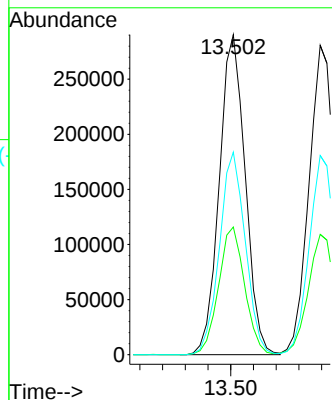
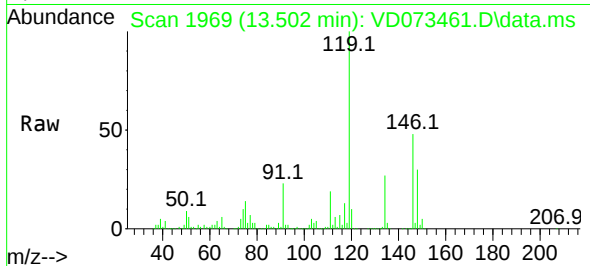




#87
1,3-Dichlorobenzene
Concen: 50.708 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

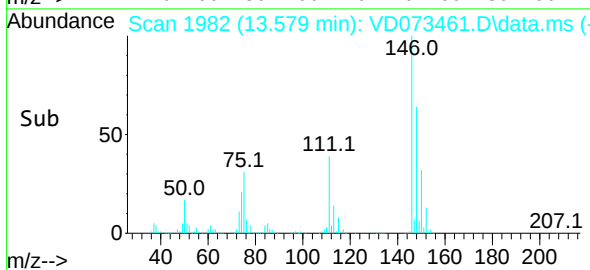
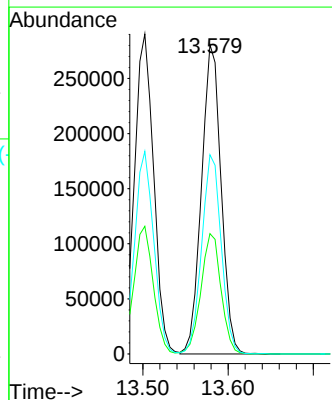
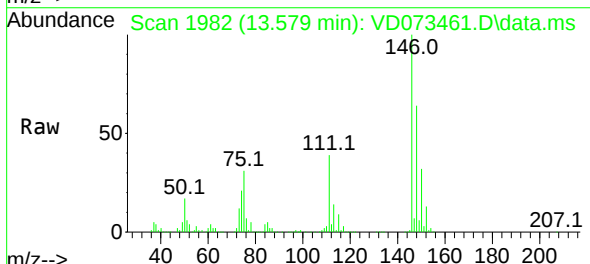
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

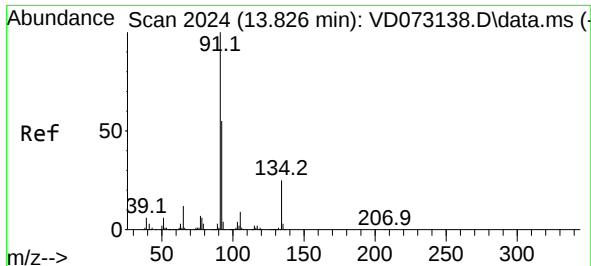
Tgt Ion:146 Resp: 460324
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.002 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:146 Resp: 449041
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 64.3 31.7 95.1

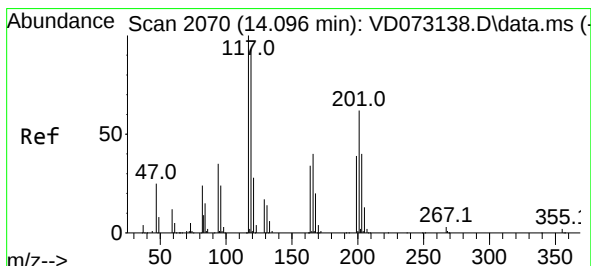
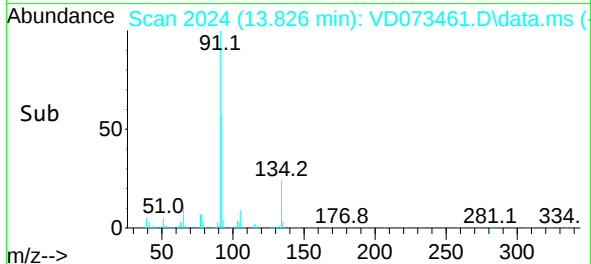
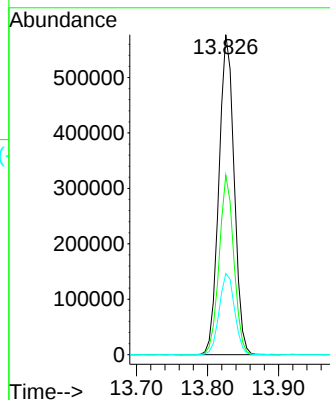
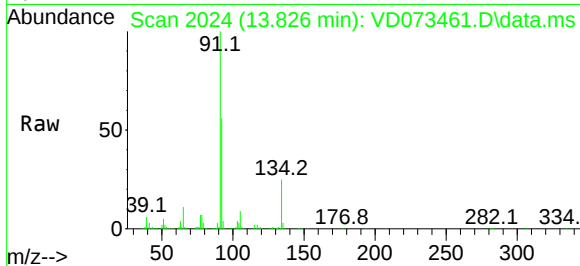




#89
n-Butylbenzene
Concen: 52.857 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

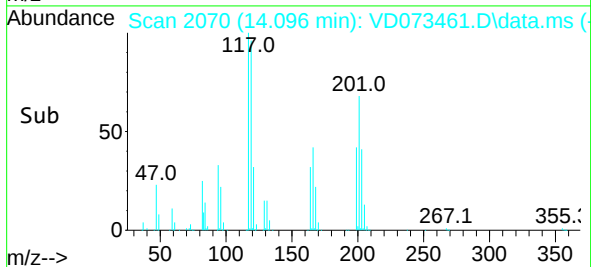
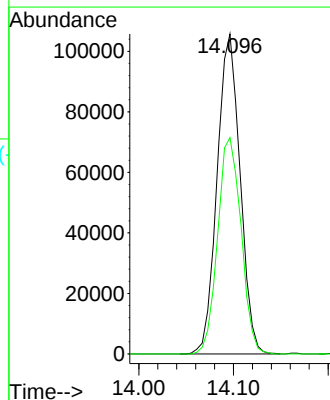
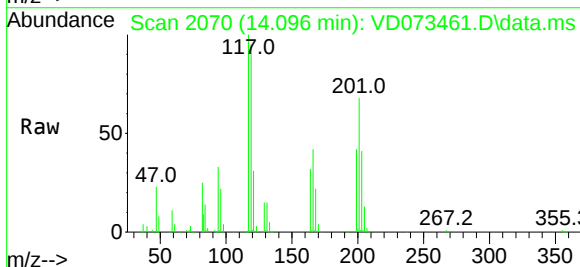
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

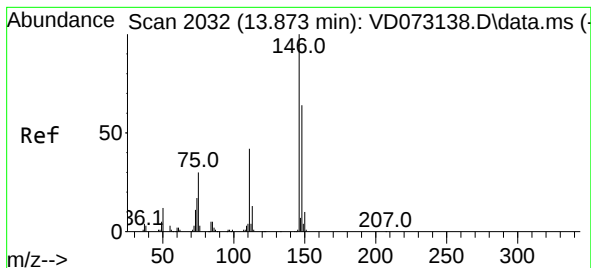
Tgt Ion: 91 Resp: 856238
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.7 12.3 36.9



#90
Hexachloroethane
Concen: 50.673 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion: 117 Resp: 178259
Ion Ratio Lower Upper
117 100
201 68.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 50.935 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

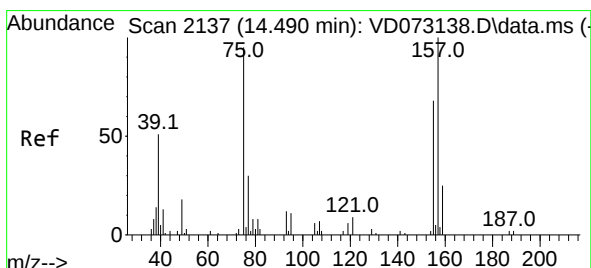
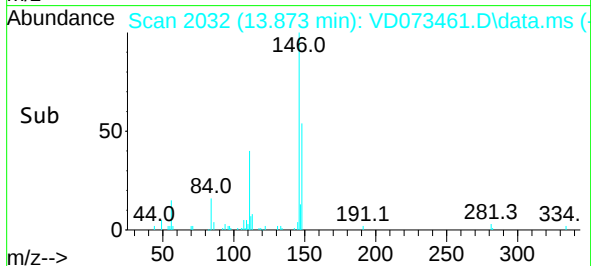
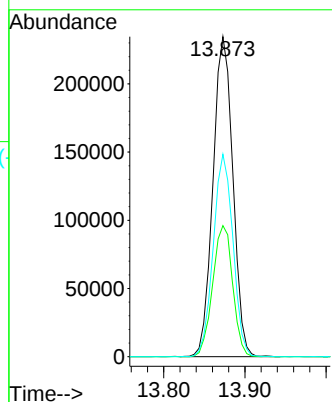
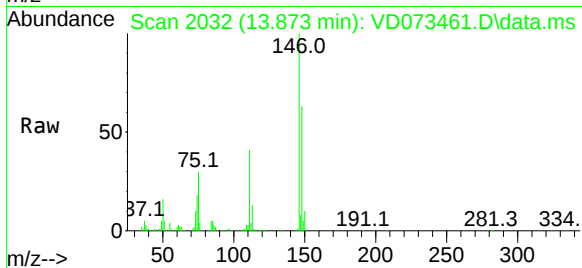
Tgt Ion:146 Resp: 400063

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.3

148 62.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.160 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

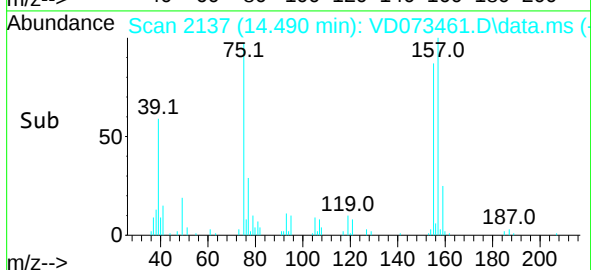
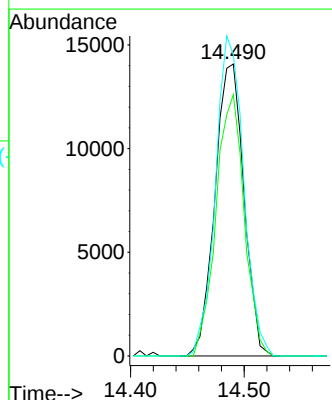
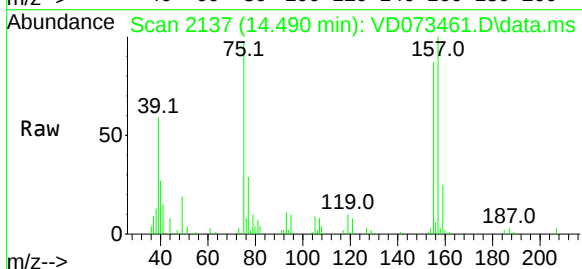
Tgt Ion: 75 Resp: 24943

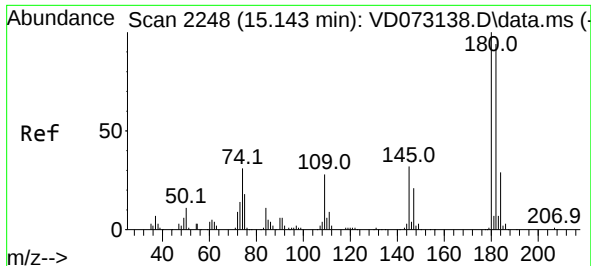
Ion Ratio Lower Upper

75 100

155 87.0 36.8 110.3

157 106.4 48.4 145.0

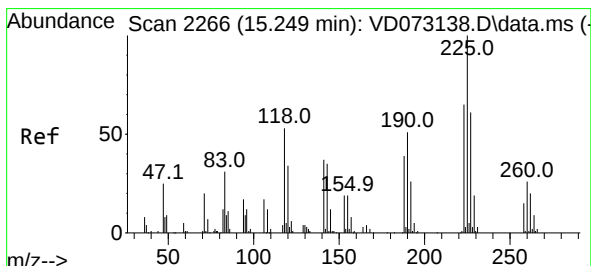
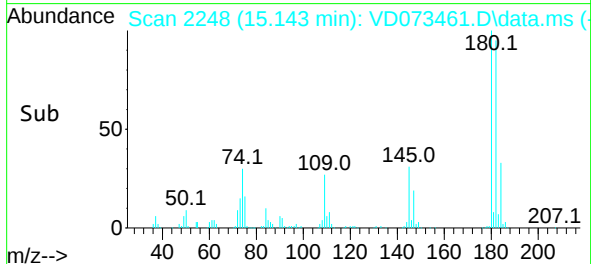
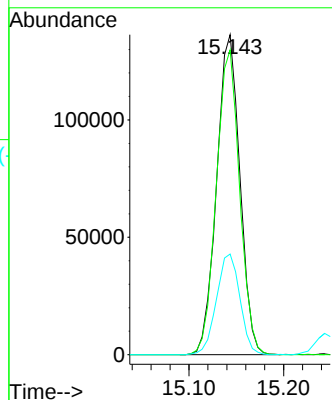
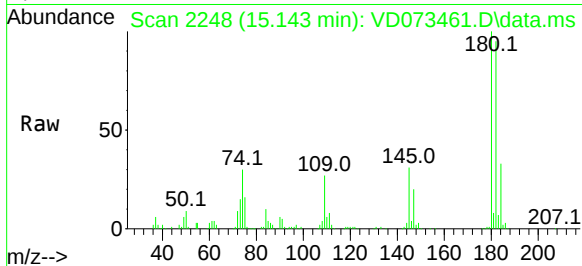




#93
1,2,4-Trichlorobenzene
Concen: 52.125 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

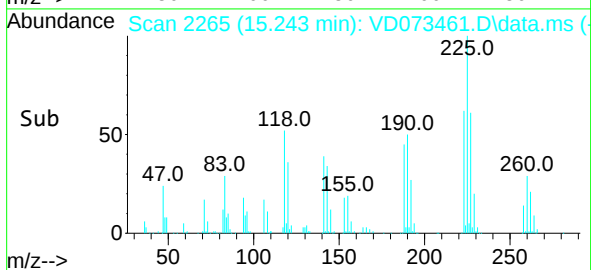
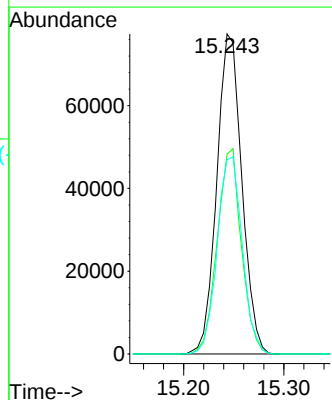
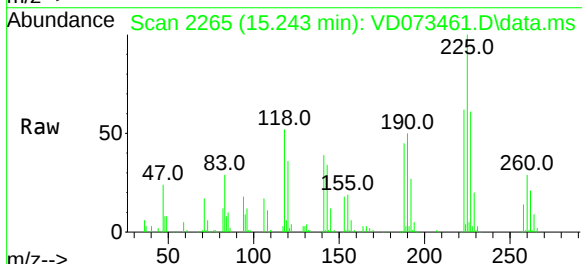
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

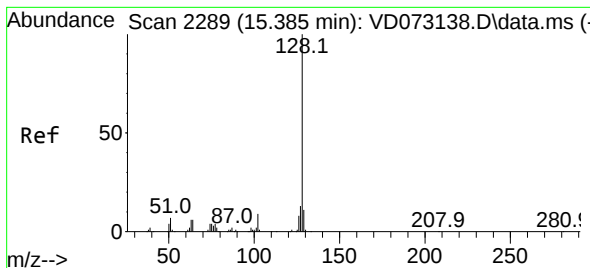
Tgt Ion:180 Resp: 232436
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 31.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 53.427 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073461.D
Acq: 02 Jun 2022 09:56

Tgt Ion:225 Resp: 134251
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.2
227 61.8 32.4 97.0





#95

Naphthalene

Concen: 46.269 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

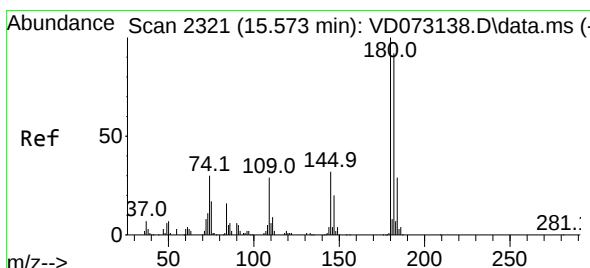
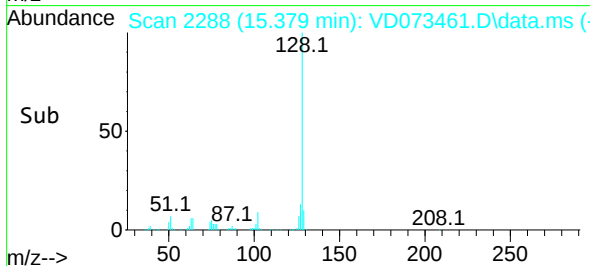
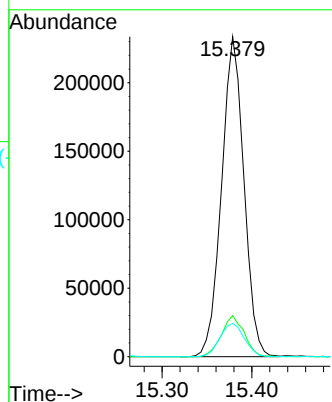
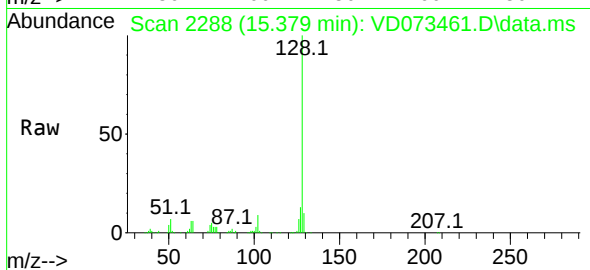
Tgt Ion:128 Resp: 403849

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.398 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073461.D

Acq: 02 Jun 2022 09:56

Tgt Ion:180 Resp: 207142

Ion Ratio Lower Upper

180 100

182 92.7 47.6 142.9

145 33.1 17.1 51.3

