

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072778.D
 Acq On : 04 May 2022 09:39
 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: May 04 14:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	311762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	503946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	489041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192782	47.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.909	113	182769	51.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.332	98	658233	51.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.620	95	245371	51.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.660%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	177904	41.295	ug/l	98
3) Chloromethane	2.209	50	182677	40.773	ug/l	99
4) Vinyl Chloride	2.350	62	176083	43.799	ug/l	98
5) Bromomethane	2.762	94	117102	47.270	ug/l	100
6) Chloroethane	2.915	64	109569	43.730	ug/l	98
7) Trichlorofluoromethane	3.273	101	305149	43.346	ug/l	97
8) Diethyl Ether	3.709	74	94594	46.869	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	182001	43.546	ug/l	97
10) Methyl Iodide	4.297	142	177482	42.314	ug/l	99
11) Tert butyl alcohol	5.209	59	77368	220.962	ug/l	97
12) 1,1-Dichloroethene	4.068	96	164549	43.772	ug/l	94
13) Acrolein	3.926	56	65162	269.462	ug/l	99
14) Allyl chloride	4.709	41	275626	45.413	ug/l	94
15) Acrylonitrile	5.415	53	233006	242.926	ug/l	98
16) Acetone	4.150	43	224816	299.565	ug/l	94
17) Carbon Disulfide	4.403	76	512916	43.393	ug/l	100
18) Methyl Acetate	4.715	43	105971	48.113	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	441252	48.962	ug/l	100
20) Methylene Chloride	4.956	84	210321	42.506	ug/l	85
21) trans-1,2-Dichloroethene	5.468	96	196020	45.466	ug/l	89
22) Diisopropyl ether	6.362	45	634333	47.511	ug/l	92
23) Vinyl Acetate	6.303	43	1849422	250.756	ug/l	96
24) 1,1-Dichloroethane	6.256	63	354714	44.221	ug/l	98
25) 2-Butanone	7.209	43	304867	258.550	ug/l	95
26) 2,2-Dichloropropane	7.203	77	301709	44.492	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	224682	45.501	ug/l	94
28) Bromochloromethane	7.538	49	164470	54.983	ug/l	87
29) Tetrahydrofuran	7.556	42	190411	253.344	ug/l	94
30) Chloroform	7.703	83	381898	44.995	ug/l	97
31) Cyclohexane	7.979	56	297572	42.063	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	320126	44.255	ug/l	97
36) 1,1-Dichloropropene	8.103	75	271059	47.100	ug/l	97
37) Ethyl Acetate	7.285	43	136505	51.598	ug/l	98
38) Carbon Tetrachloride	8.091	117	282074	47.217	ug/l	99
39) Methylcyclohexane	9.350	83	306311	45.887	ug/l	95
40) Benzene	8.344	78	792818	47.705	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	82416	52.319	ug/l	93
42) 1,2-Dichloroethane	8.414	62	247134	49.346	ug/l	98
43) Isopropyl Acetate	8.444	43	246972	50.578	ug/l #	95
44) Trichloroethene	9.108	130	207403	46.647	ug/l	93
45) 1,2-Dichloropropane	9.379	63	209963	48.106	ug/l	96
46) Dibromomethane	9.467	93	118675	49.292	ug/l	97
47) Bromodichloromethane	9.656	83	300253	48.478	ug/l	96
48) Methyl methacrylate	9.444	41	127309	53.294	ug/l	92
49) 1,4-Dioxane	9.450	88	28556	1053.284	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	685152	270.026	ug/l	96
52) Toluene	10.397	92	510482	49.240	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	288926	50.787	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	334088	50.547	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	168439	51.753	ug/l	95
56) Ethyl methacrylate	10.650	69	202506	52.844	ug/l	90
57) 1,3-Dichloropropane	10.938	76	282708	50.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	557022	299.804	ug/l	97
59) 2-Hexanone	10.973	43	489689	286.812	ug/l	96
60) Dibromochloromethane	11.132	129	205959	50.268	ug/l	98
61) 1,2-Dibromoethane	11.232	107	159907	50.477	ug/l	99
64) Tetrachloroethene	10.867	164	166905	46.681	ug/l	98
65) Chlorobenzene	11.661	112	540586	47.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	205572	48.359	ug/l	99
67) Ethyl Benzene	11.738	91	947850	48.420	ug/l	99
68) m/p-Xylenes	11.844	106	746077	98.943	ug/l	99
69) o-Xylene	12.167	106	343204	48.734	ug/l	98
70) Styrene	12.185	104	623401	51.092	ug/l	97
71) Bromoform	12.350	173	120658	52.372	ug/l #	98
73) Isopropylbenzene	12.467	105	900289	47.575	ug/l	100
74) N-amyl acetate	12.273	43	244072	51.792	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	192133	50.298	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	241874	89.183	ug/l #	100
77) Bromobenzene	12.749	156	219366	48.817	ug/l	95
78) n-propylbenzene	12.808	91	1126532	47.234	ug/l	99
79) 2-Chlorotoluene	12.897	91	657496	47.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	774968	48.297	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	60670	51.442	ug/l	89
82) 4-Chlorotoluene	12.991	91	698365	47.975	ug/l	100
83) tert-Butylbenzene	13.208	119	617963	45.300	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	768359	47.906	ug/l	98
85) sec-Butylbenzene	13.385	105	970000	47.145	ug/l	100
86) p-Isopropyltoluene	13.502	119	798699	47.347	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	436182	48.184	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	426691	47.333	ug/l	99
89) n-Butylbenzene	13.826	91	768582	47.033	ug/l	99
90) Hexachloroethane	14.096	117	159363	46.114	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	382191	48.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30027	49.588	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	224849	48.124	ug/l	98
94) Hexachlorobutadiene	15.249	225	112139	43.947	ug/l	97
95) Naphthalene	15.385	128	447114	52.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	205915	49.717	ug/l	99

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Response via : Initial Calibration

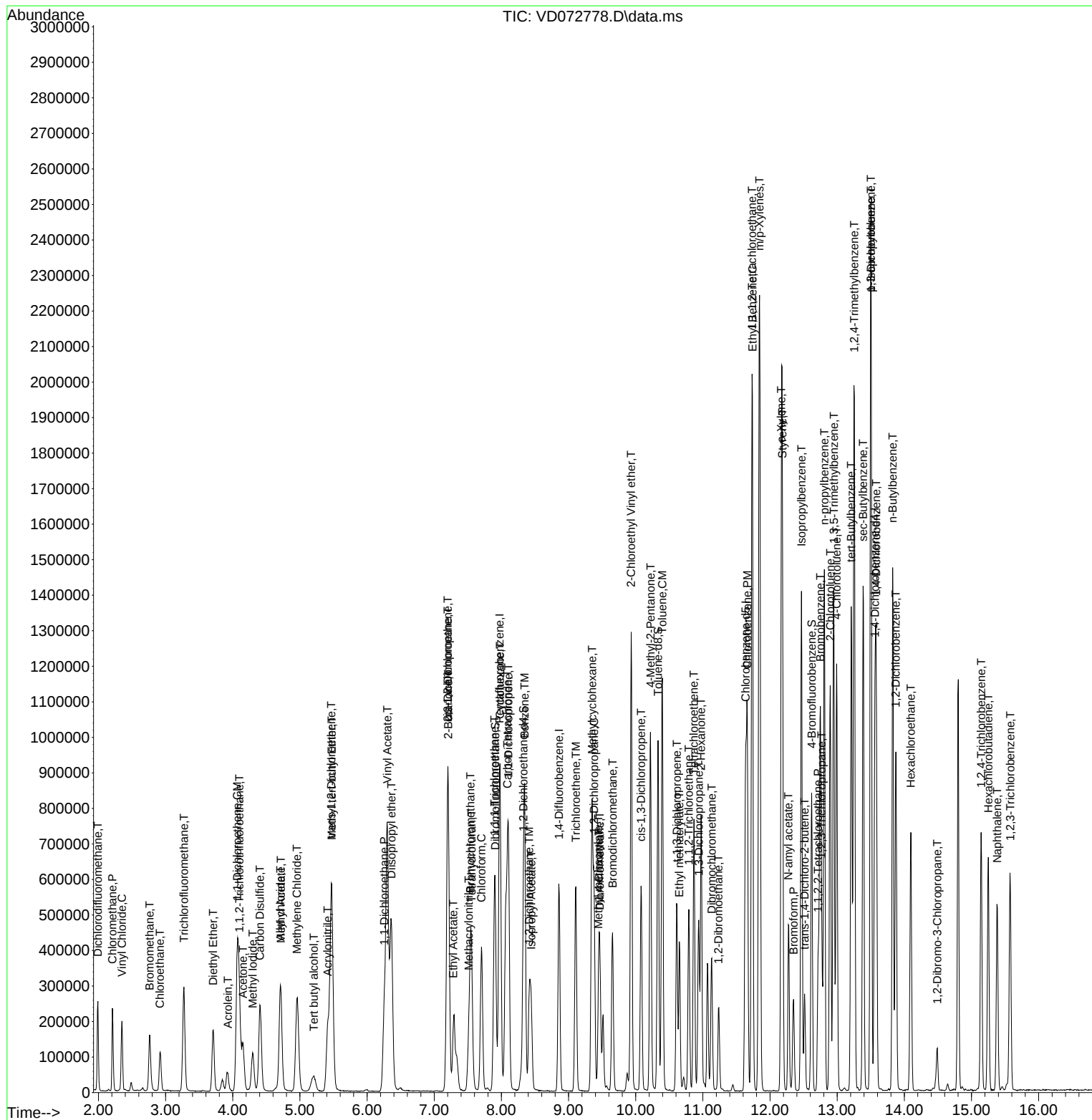
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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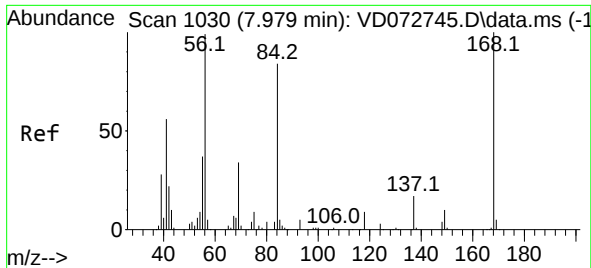
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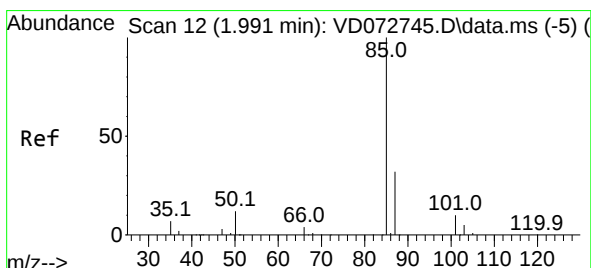
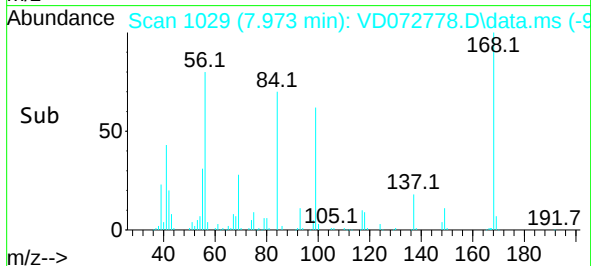
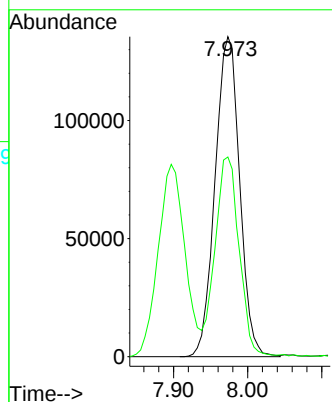
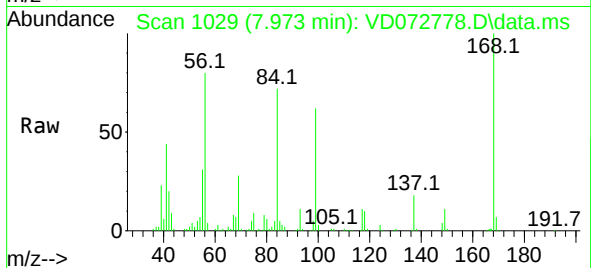




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
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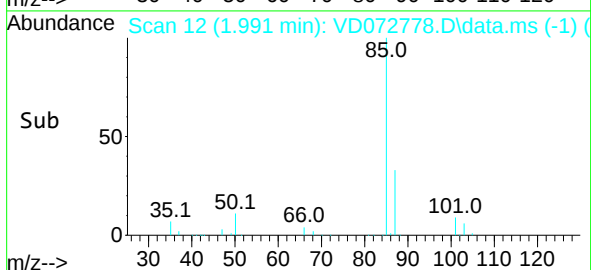
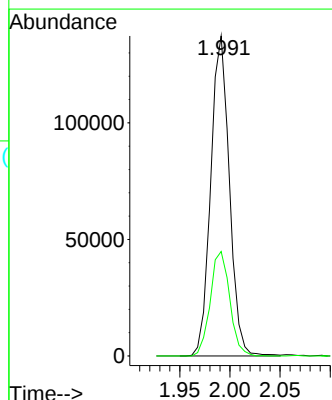
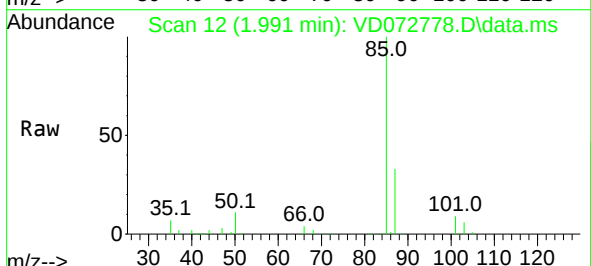
Instrument :
MSVOA_D
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VSTDCCC050

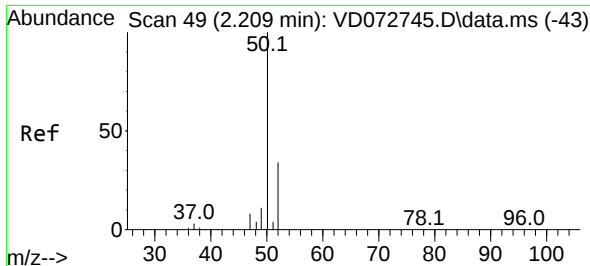
Tgt Ion:168 Resp: 311762
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.295 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 85 Resp: 177904
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

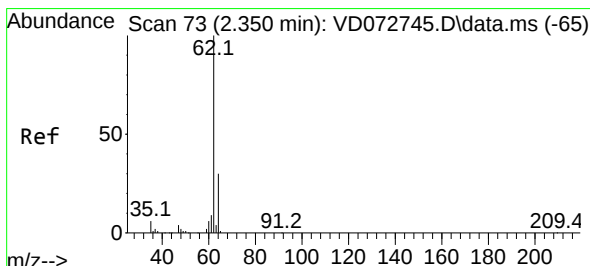
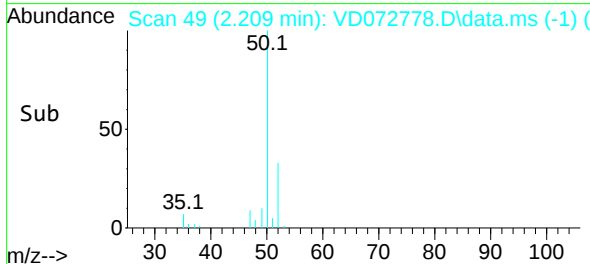
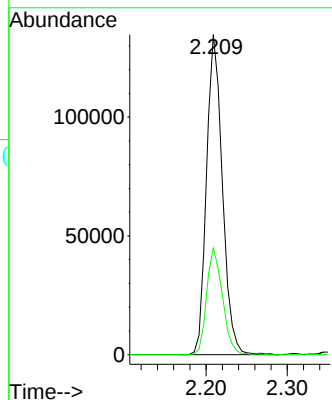
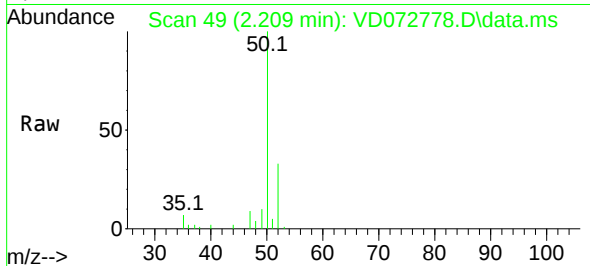




#3
Chloromethane
Concen: 40.773 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

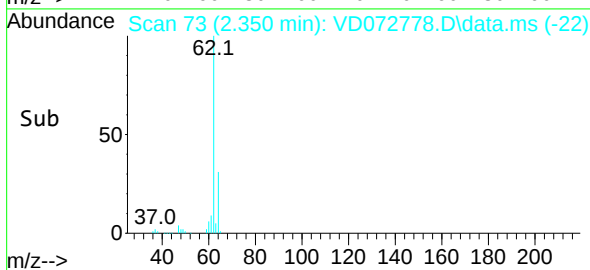
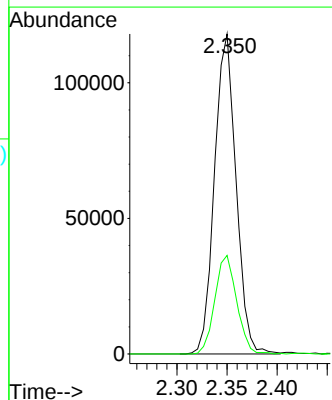
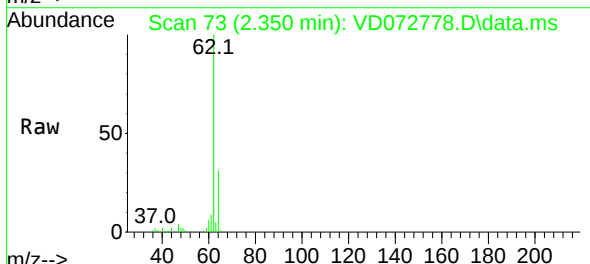
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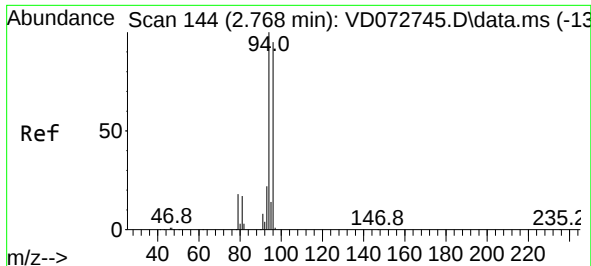
Tgt Ion: 50 Resp: 182677
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.0



#4
Vinyl Chloride
Concen: 43.799 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 62 Resp: 176083
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

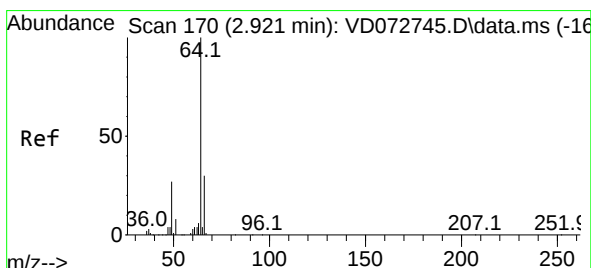
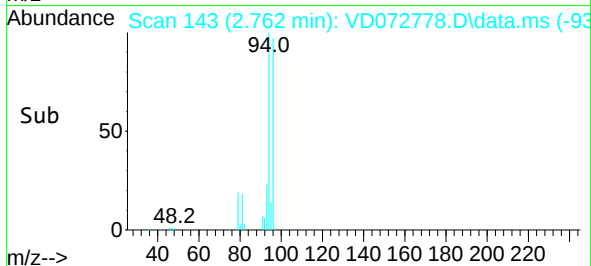
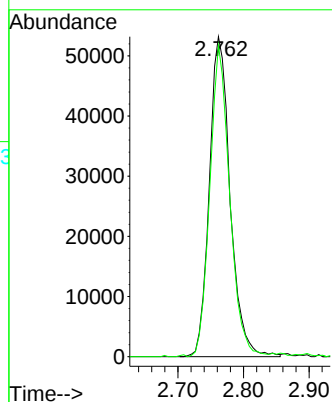
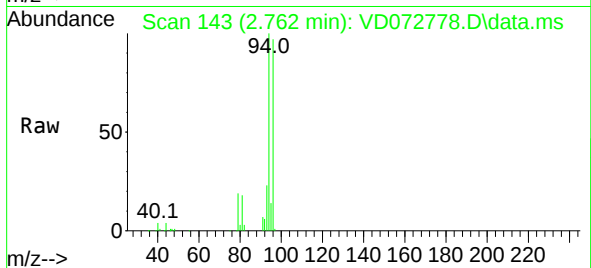




#5
Bromomethane
Concen: 47.270 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072778.D
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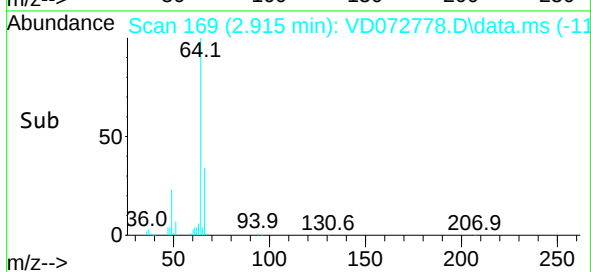
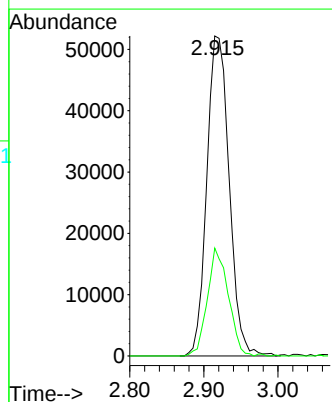
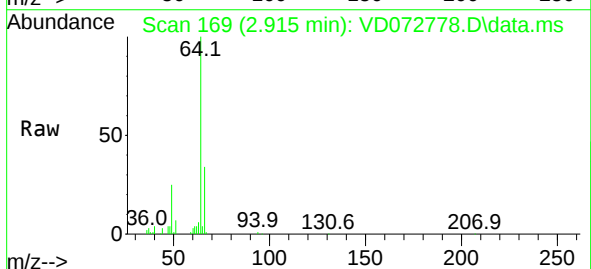
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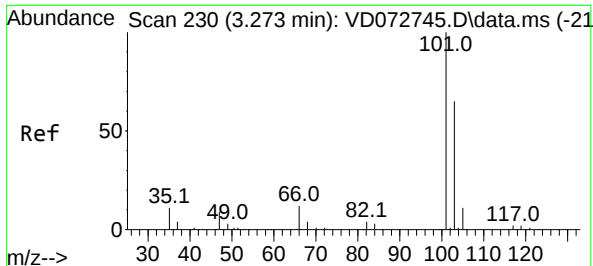
Tgt Ion: 94 Resp: 117102
Ion Ratio Lower Upper
94 100
96 97.0 77.6 116.4



#6
Chloroethane
Concen: 43.730 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 109569
Ion Ratio Lower Upper
64 100
66 33.7 25.9 38.9

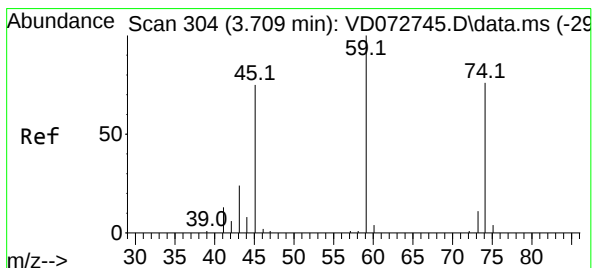
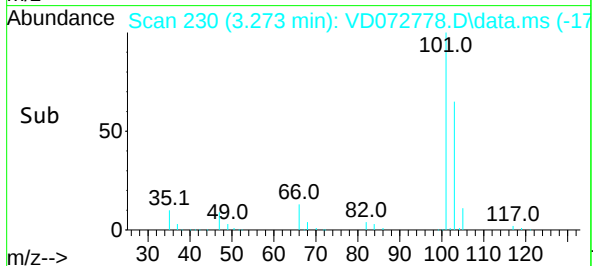
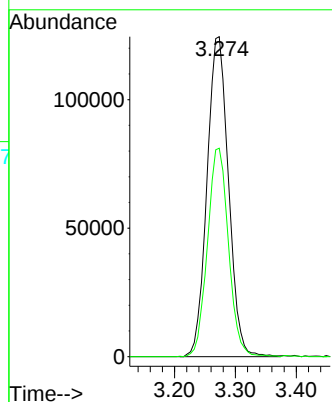
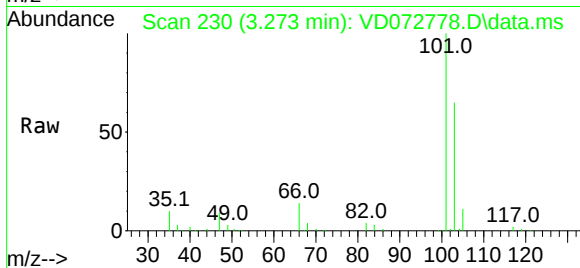




#7
Trichlorofluoromethane
Concen: 43.346 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

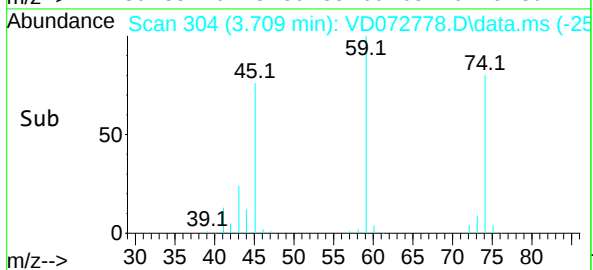
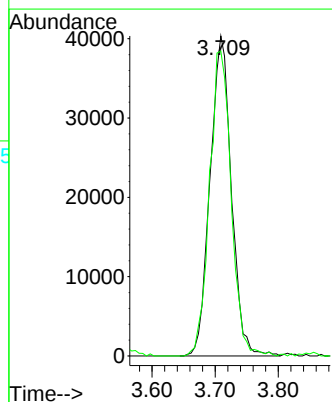
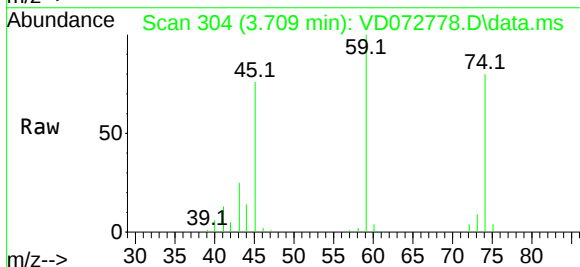
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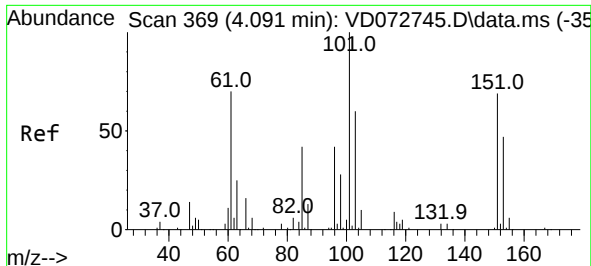
Tgt Ion:101 Resp: 305149
Ion Ratio Lower Upper
101 100
103 65.2 50.1 75.1



#8
Diethyl Ether
Concen: 46.869 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 74 Resp: 94594
Ion Ratio Lower Upper
74 100
45 96.8 52.6 157.8

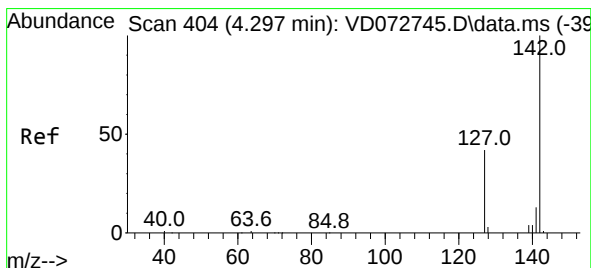
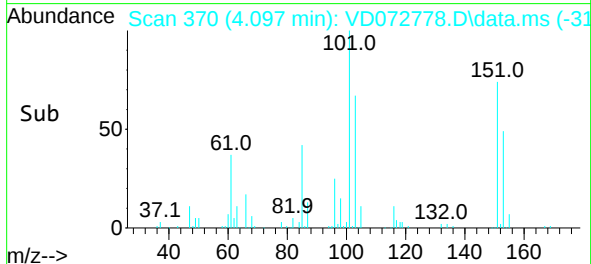
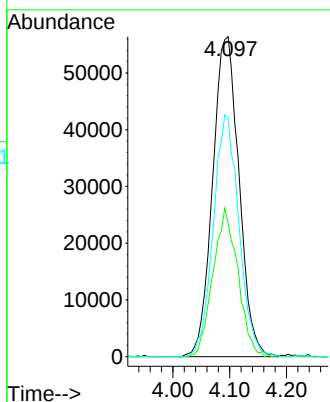
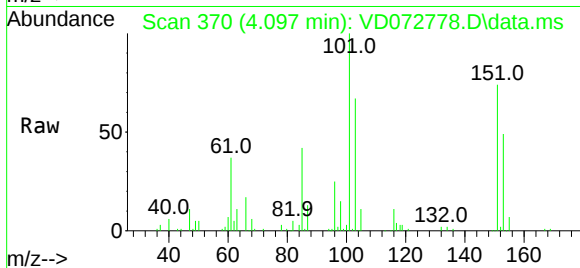




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.546 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

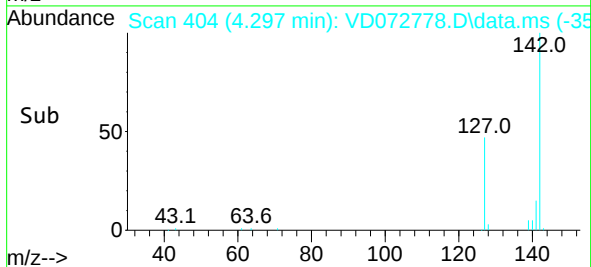
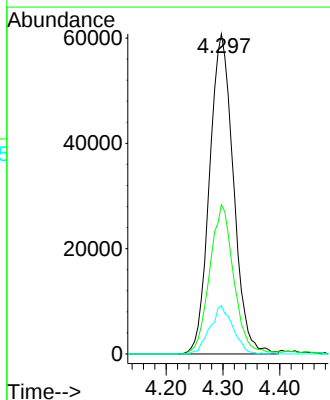
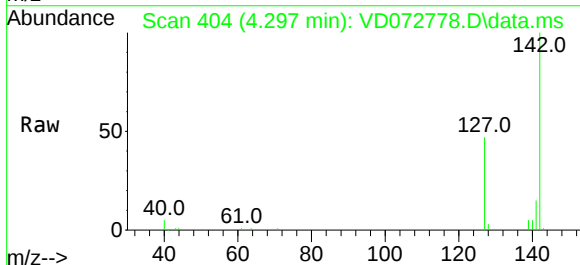
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

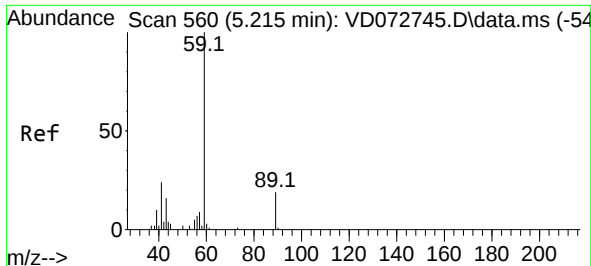
Tgt Ion:101 Resp: 182001
Ion Ratio Lower Upper
101 100
85 43.6 36.4 54.6
151 73.5 57.3 85.9



#10
Methyl Iodide
Concen: 42.314 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:142 Resp: 177482
Ion Ratio Lower Upper
142 100
127 47.1 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 220.962 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

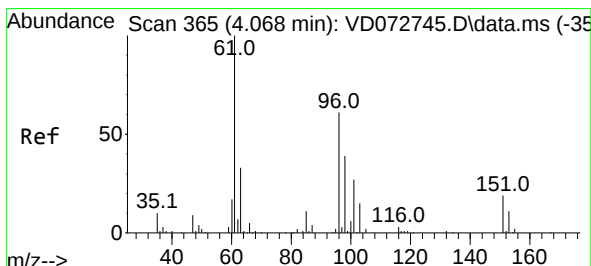
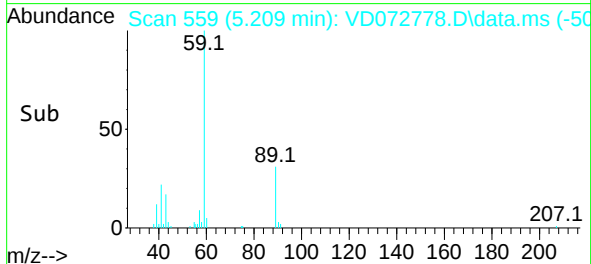
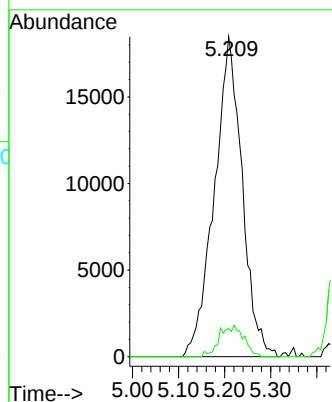
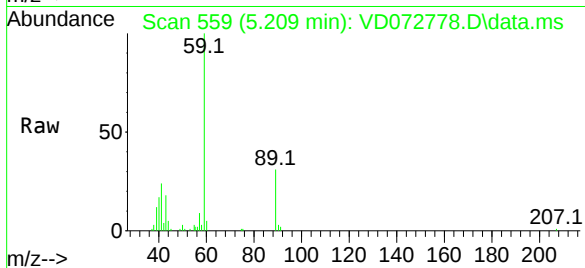
VSTDCCC050

Tgt Ion: 59 Resp: 77368

Ion Ratio Lower Upper

59 100

57 8.6 7.8 11.6



#12

1,1-Dichloroethene

Concen: 43.772 ug/l

RT: 4.068 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

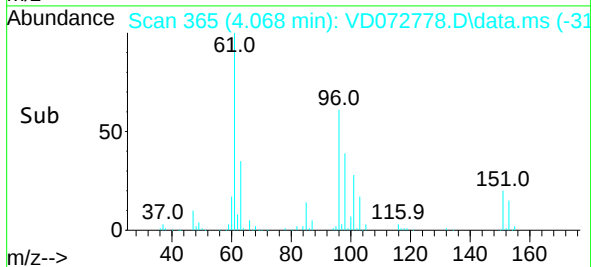
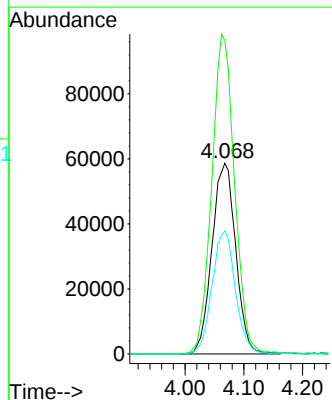
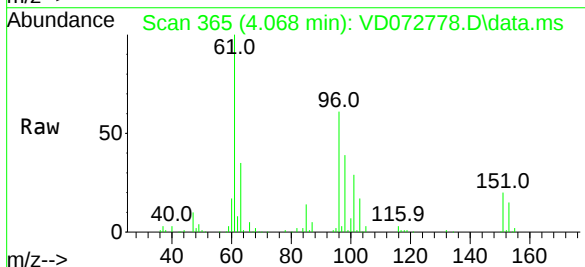
Tgt Ion: 96 Resp: 164549

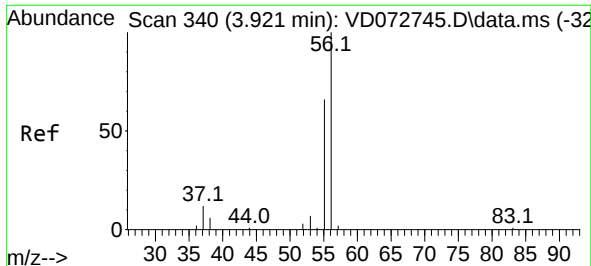
Ion Ratio Lower Upper

96 100

61 164.4 138.5 207.7

98 64.6 48.6 73.0

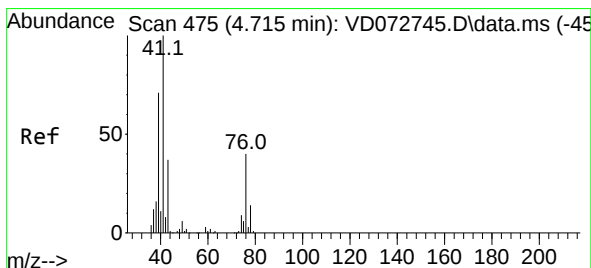
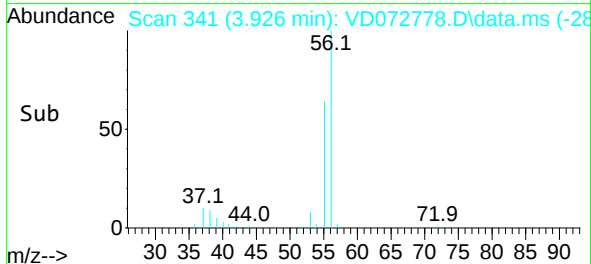
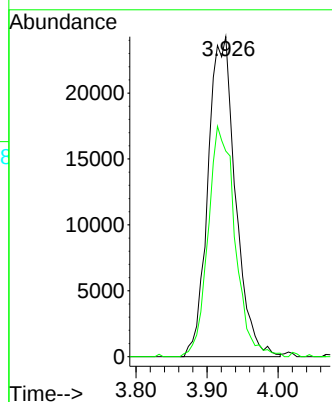
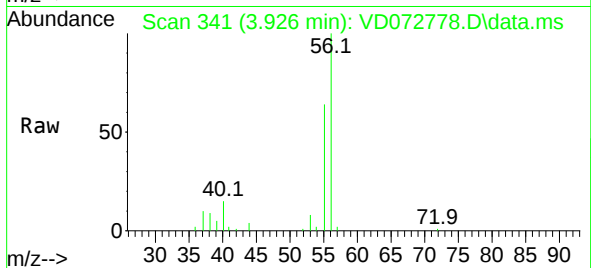




#13
Acrolein
Concen: 269.462 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.005 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

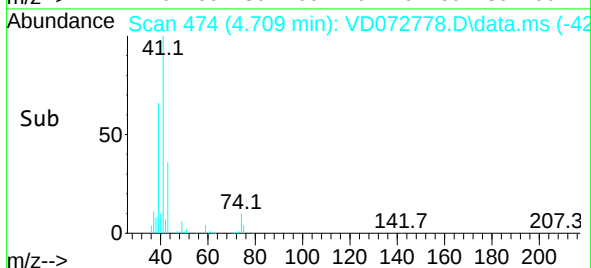
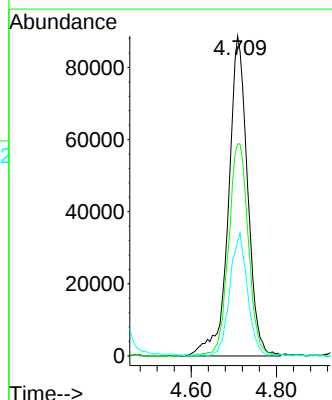
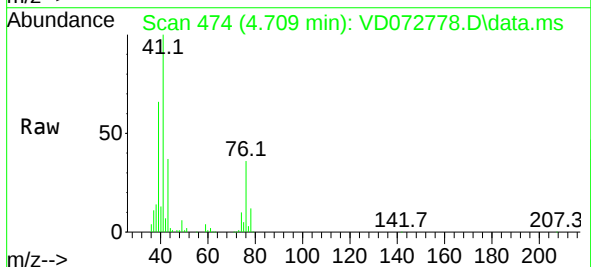
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

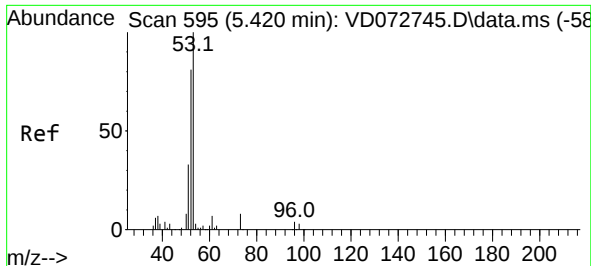
Tgt Ion: 56 Resp: 65162
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 45.413 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 41 Resp: 275626
Ion Ratio Lower Upper
41 100
39 68.6 59.3 88.9
76 35.1 25.7 38.5

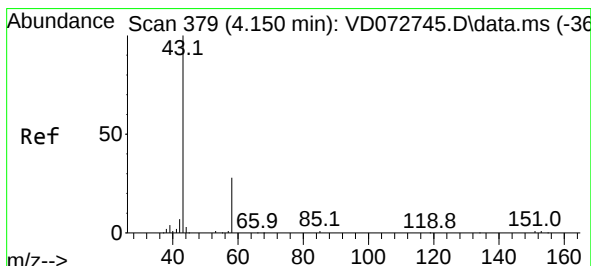
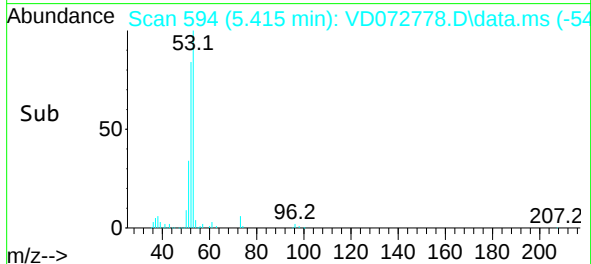
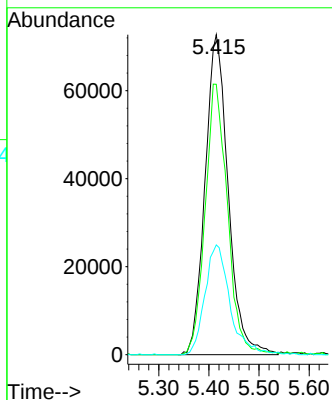
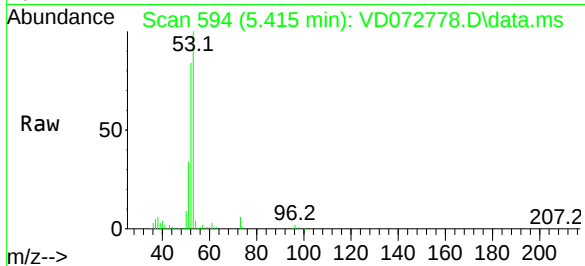




#15
Acrylonitrile
Concen: 242.926 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.005 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

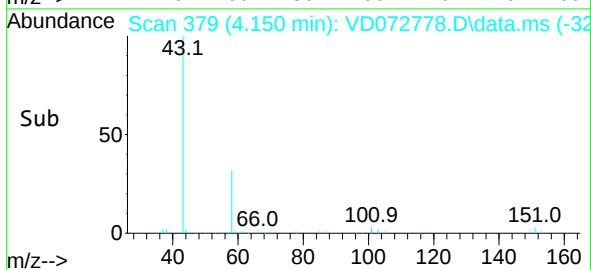
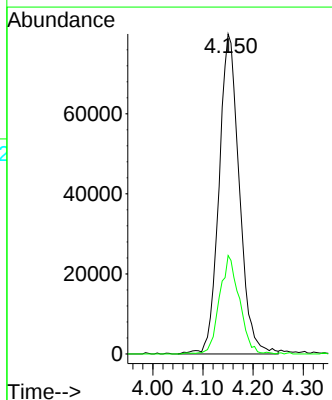
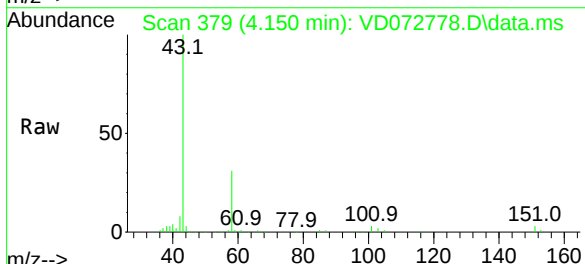
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

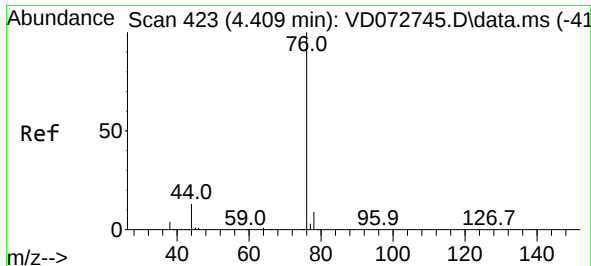
Tgt Ion: 53 Resp: 233006
Ion Ratio Lower Upper
53 100
52 81.9 67.2 100.8
51 37.1 30.3 45.5



#16
Acetone
Concen: 299.565 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 43 Resp: 224816
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1

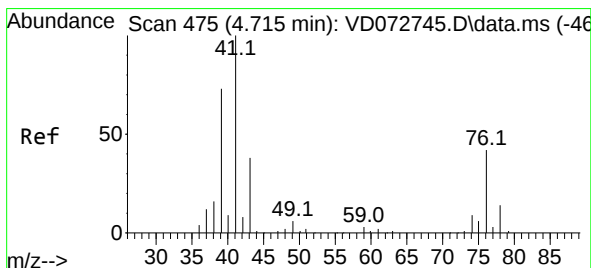
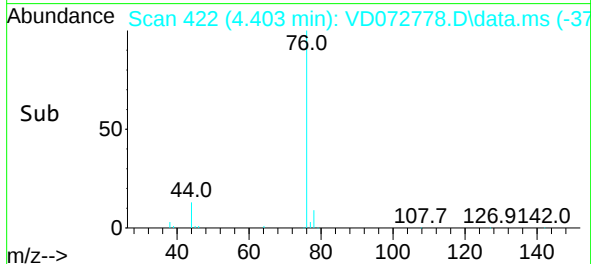
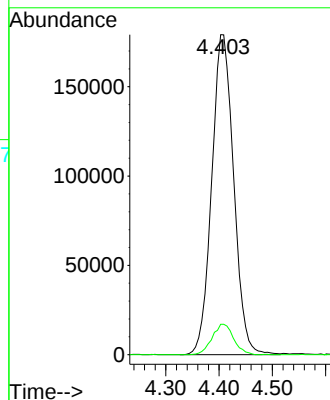
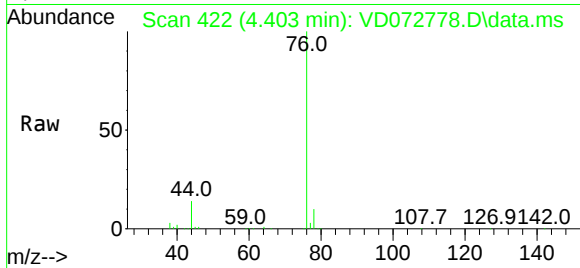




#17
Carbon Disulfide
Concen: 43.393 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

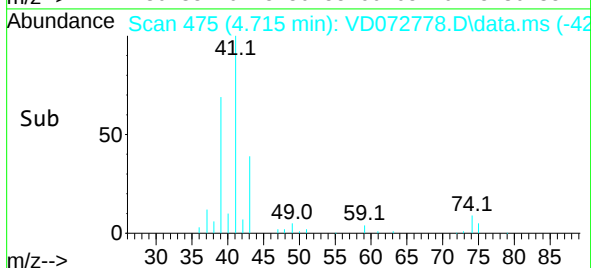
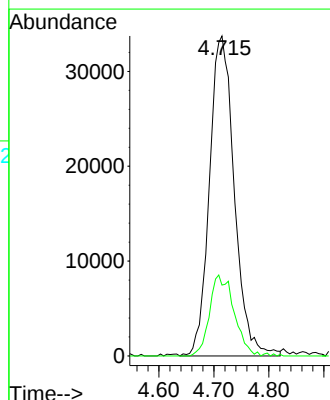
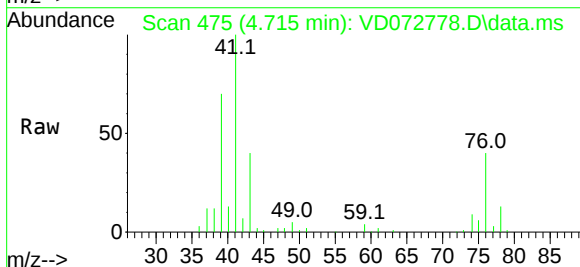
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

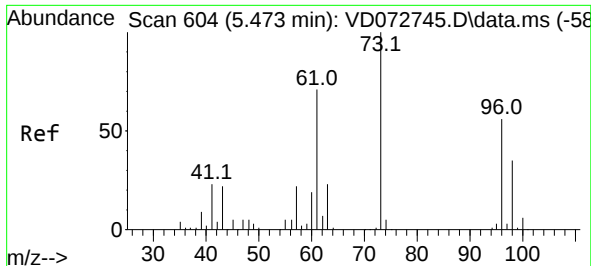
Tgt Ion: 76 Resp: 512916
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 48.113 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 43 Resp: 105971
Ion Ratio Lower Upper
43 100
74 24.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 48.962 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

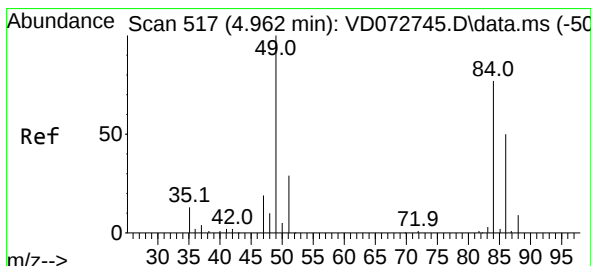
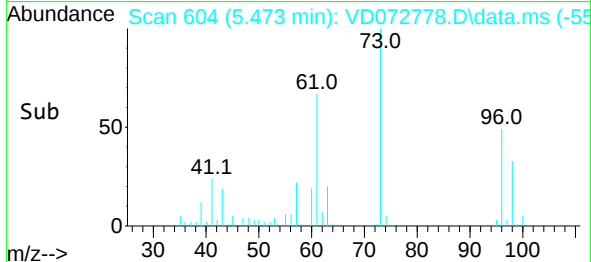
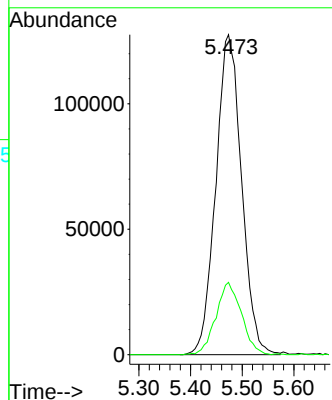
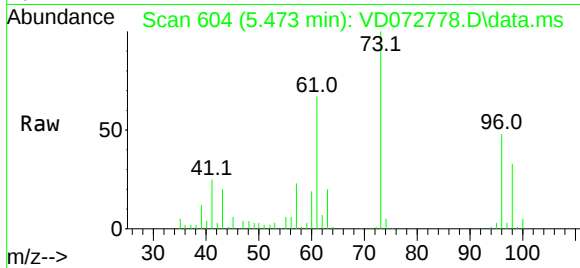
VSTDCCC050

Tgt Ion: 73 Resp: 441252

Ion Ratio Lower Upper

73 100

57 22.6 18.0 27.0



#20

Methylene Chloride

Concen: 42.506 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Tgt Ion: 84 Resp: 210321

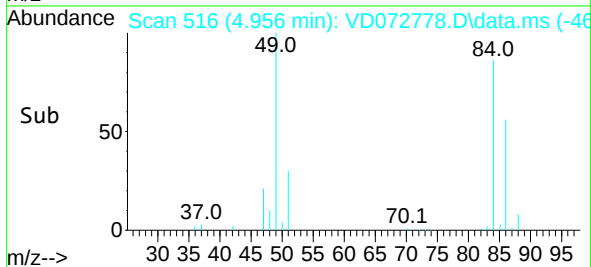
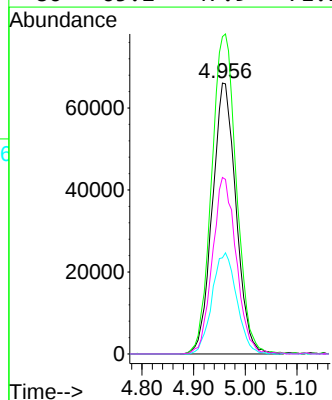
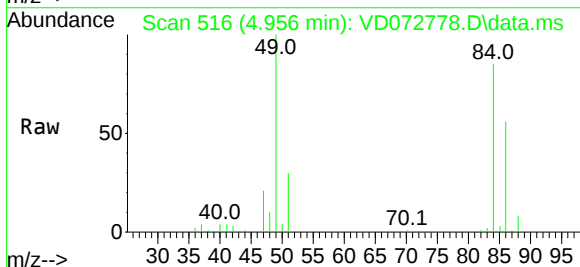
Ion Ratio Lower Upper

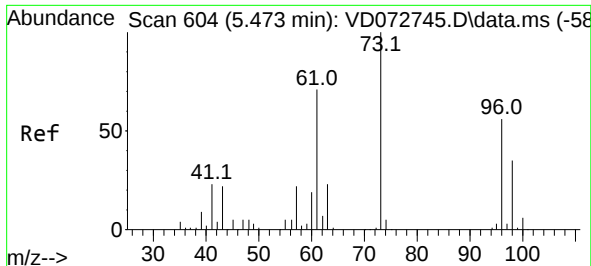
84 100

49 117.1 112.8 169.2

51 35.5 32.6 48.8

86 65.2 47.9 71.9

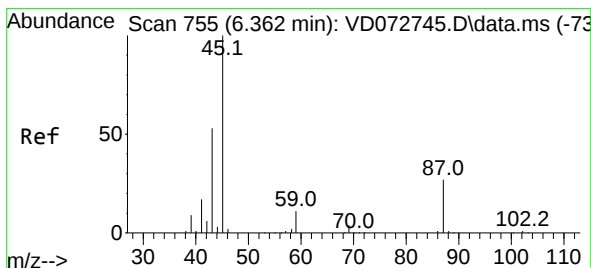
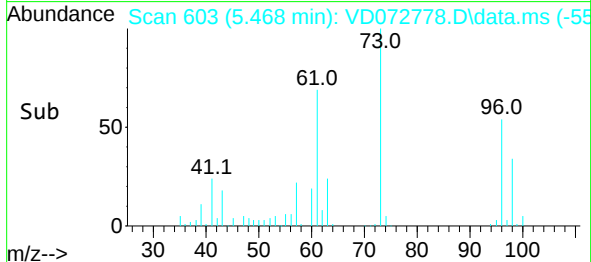
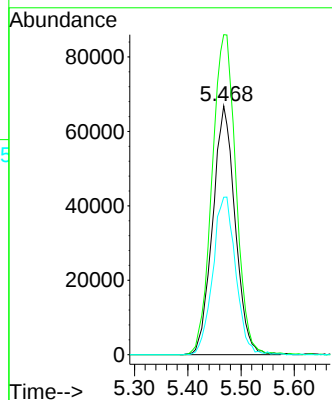
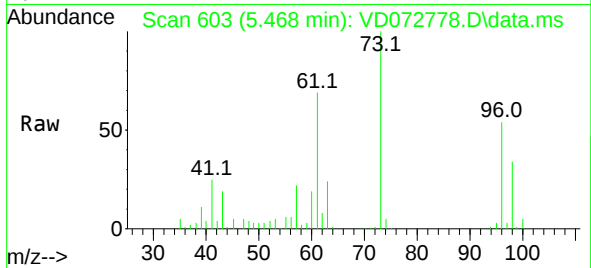




#21
trans-1,2-Dichloroethene
Concen: 45.466 ug/l
RT: 5.468 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

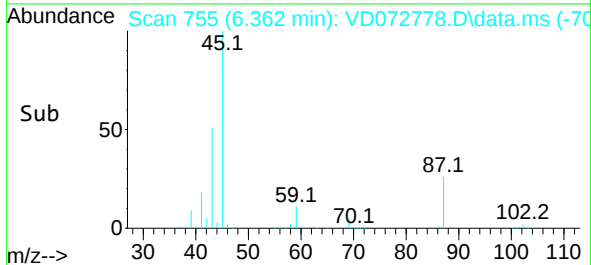
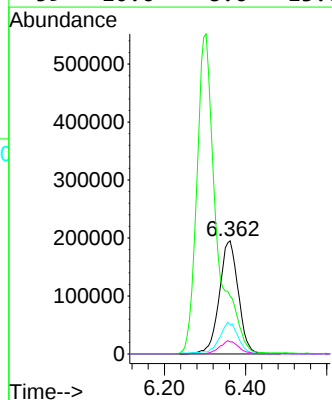
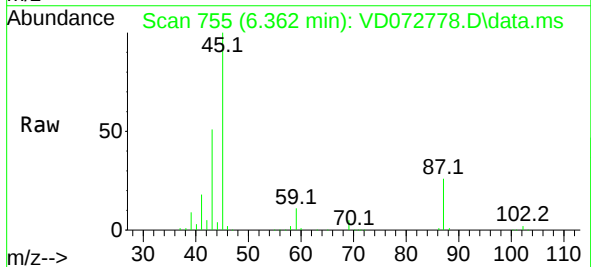
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

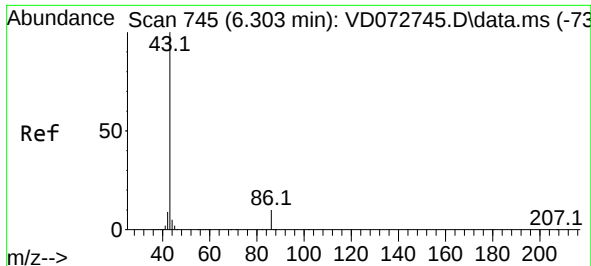
Tgt Ion: 96 Resp: 196020
Ion Ratio Lower Upper
96 100
61 128.6 117.9 176.9
98 63.3 49.4 74.2



#22
Diisopropyl ether
Concen: 47.511 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 45 Resp: 634333
Ion Ratio Lower Upper
45 100
43 50.4 46.6 70.0
87 25.8 18.4 27.6
59 10.6 8.6 13.0

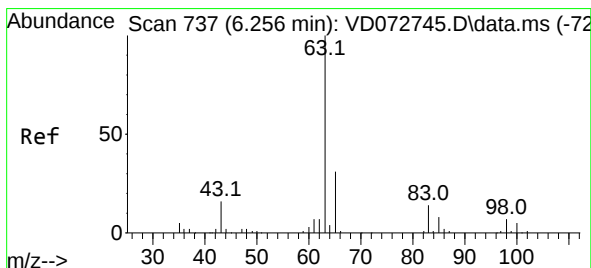
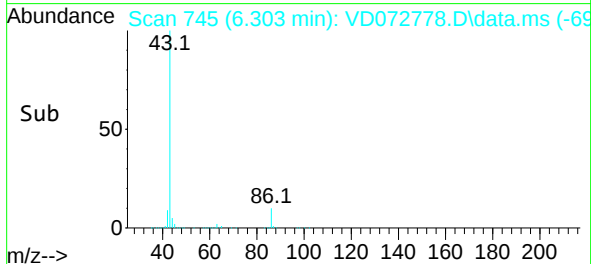
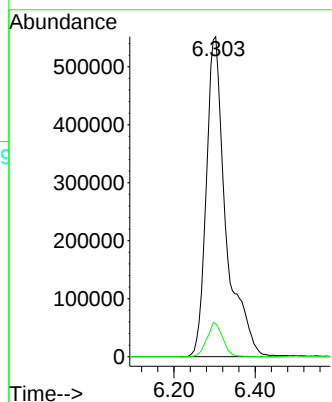
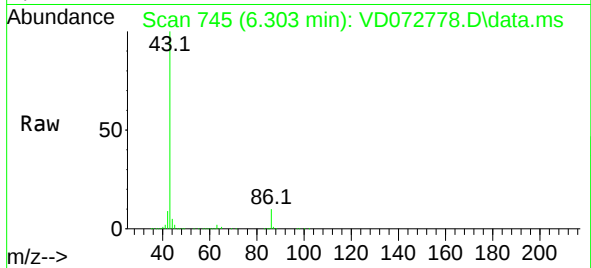




#23
 Vinyl Acetate
 Concen: 250.756 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

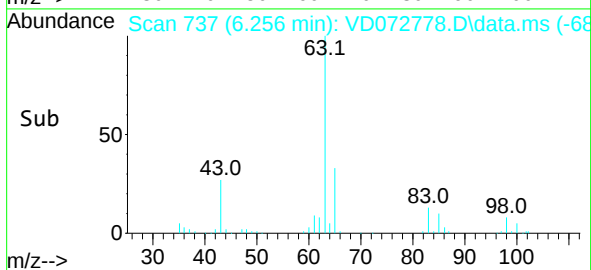
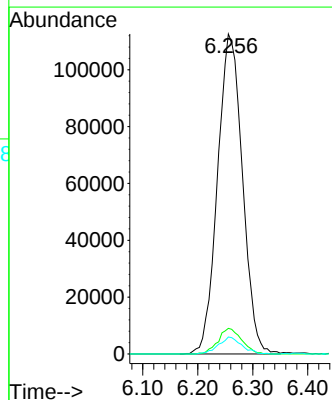
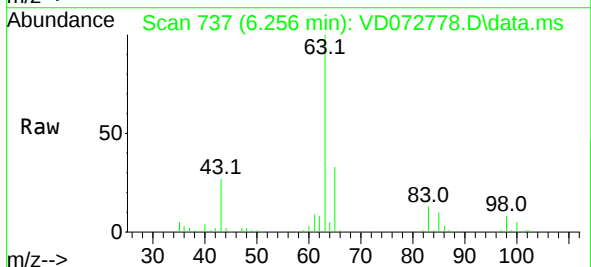
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

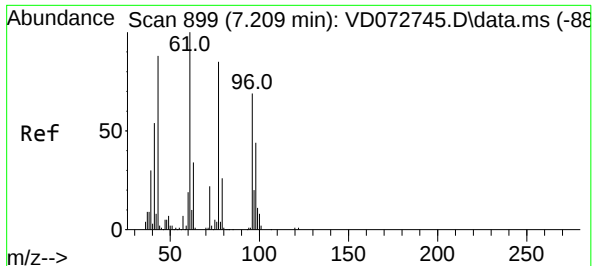
Tgt Ion: 43 Resp: 1849422
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 44.221 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion: 63 Resp: 354714
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 5.3 2.1 6.5

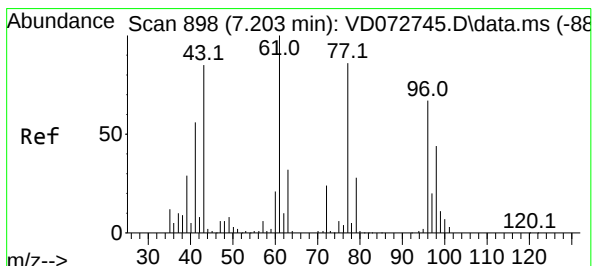
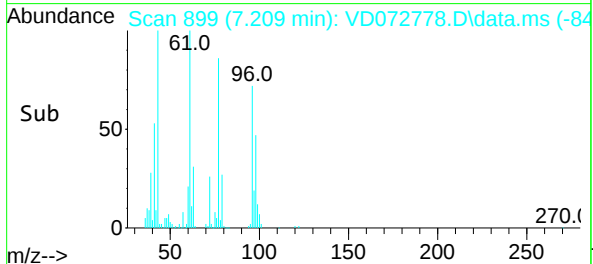
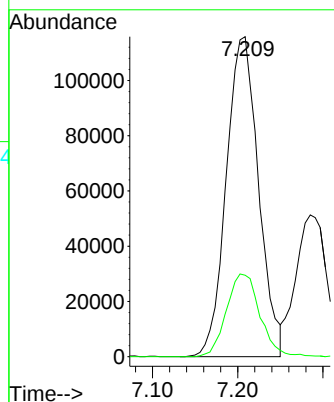
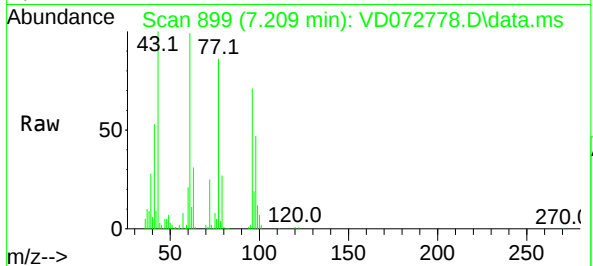




#25
2-Butanone
Concen: 258.550 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

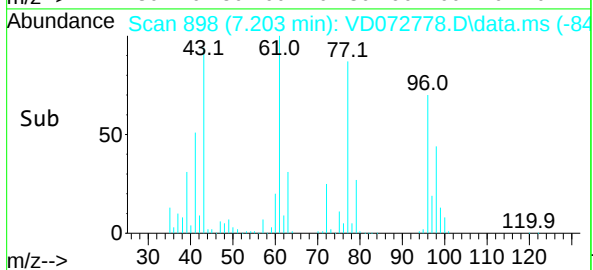
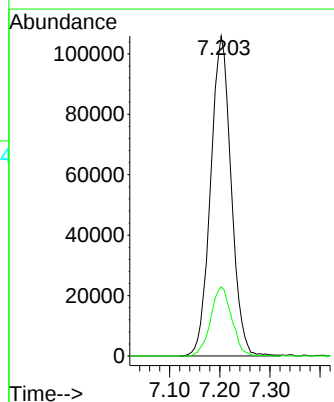
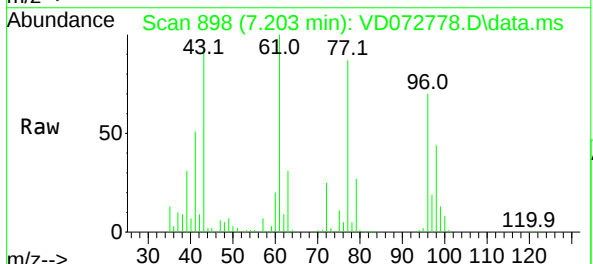
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

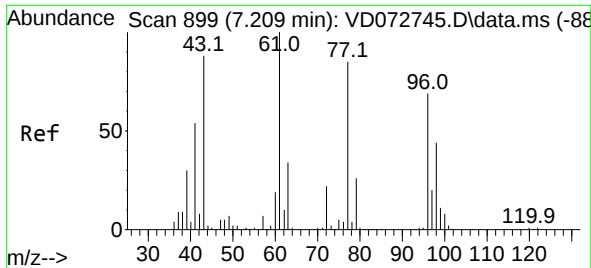
Tgt Ion: 43 Resp: 304867
Ion Ratio Lower Upper
43 100
72 25.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.492 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 77 Resp: 301709
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4



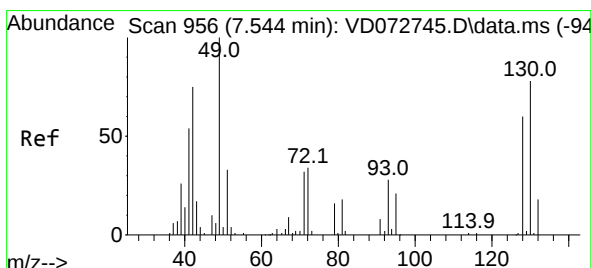
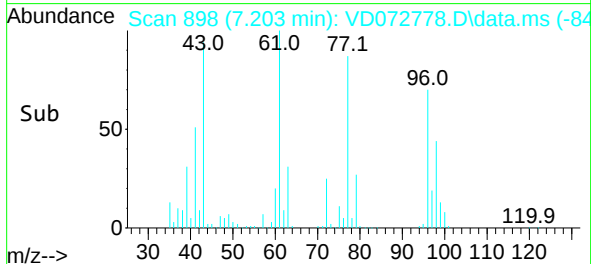
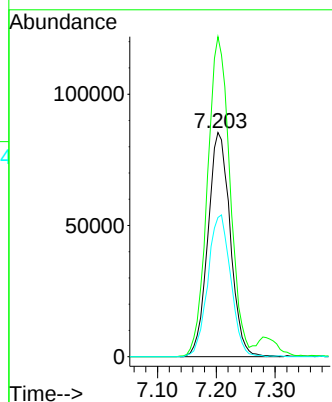
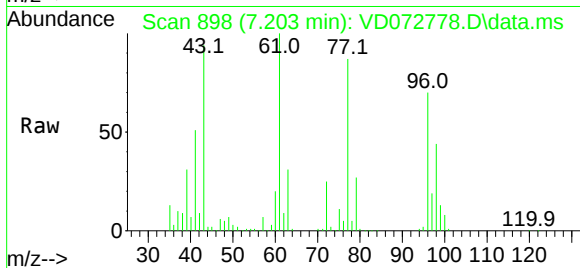


#27
 cis-1,2-Dichloroethene
 Concen: 45.501 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 224682

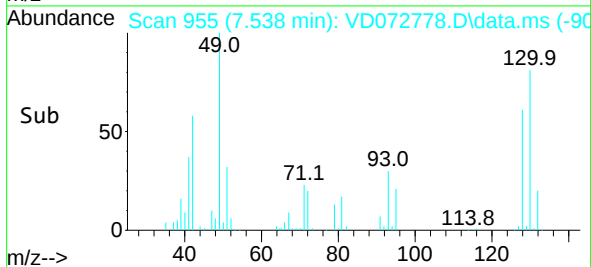
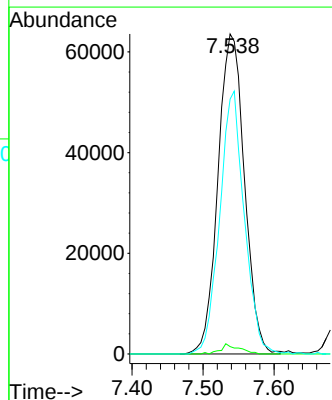
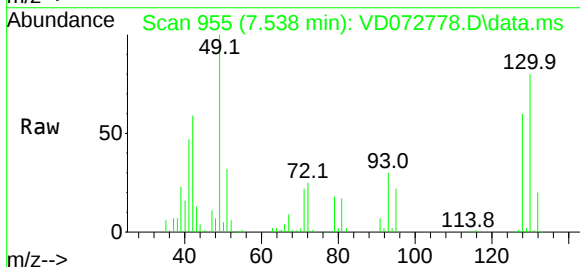
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	313.8
98	64.9	0.0	128.8



#28
 Bromochloromethane
 Concen: 54.983 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion: 49 Resp: 164470

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	76.4	52.6	79.0

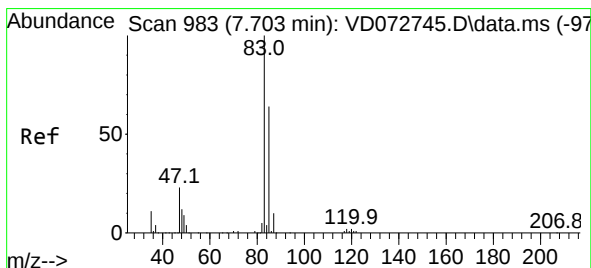
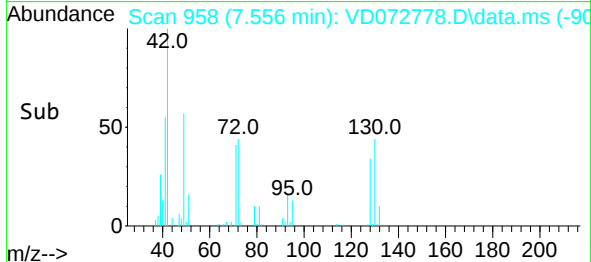
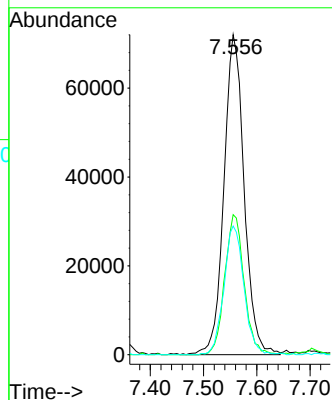
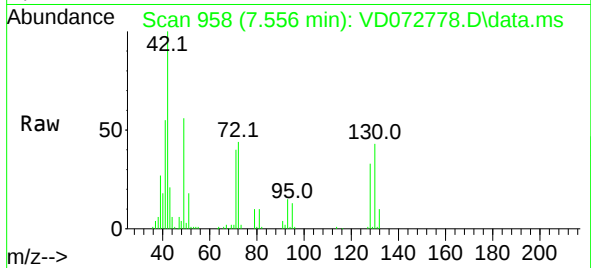




#29
Tetrahydrofuran
Concen: 253.344 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

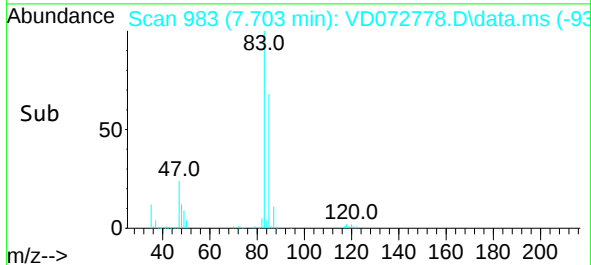
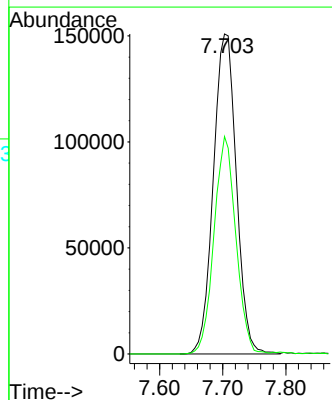
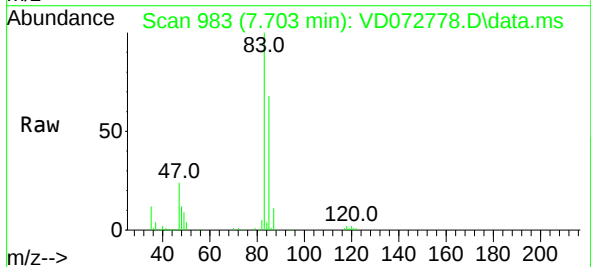
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

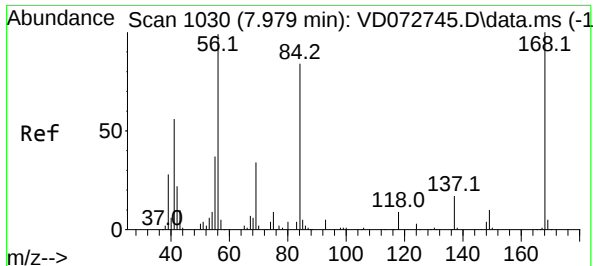
Tgt Ion: 42 Resp: 190411
Ion Ratio Lower Upper
42 100
72 41.9 30.7 46.1
71 39.6 28.6 43.0



#30
Chloroform
Concen: 44.995 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 83 Resp: 381898
Ion Ratio Lower Upper
83 100
85 67.9 52.7 79.1





#31

Cyclohexane

Concen: 42.063 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

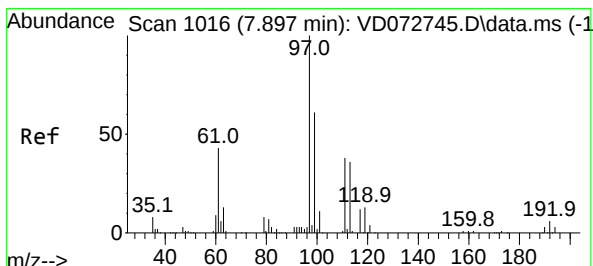
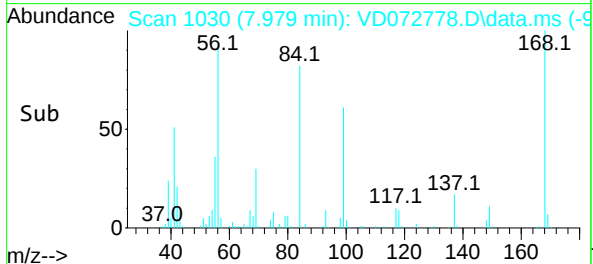
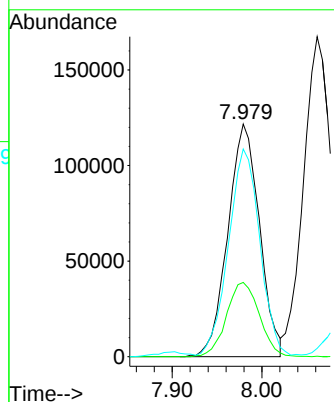
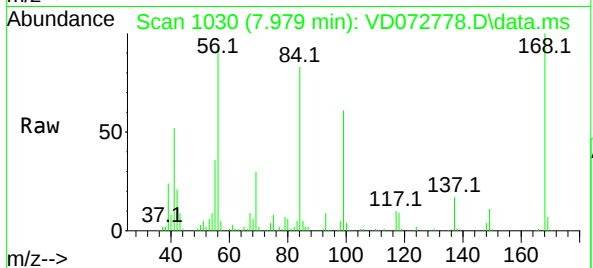
MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 297572

Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.4	38.2
84	87.9	63.0	94.4



#32

1,1,1-Trichloroethane

Concen: 44.255 ug/l

RT: 7.897 min Scan# 1016

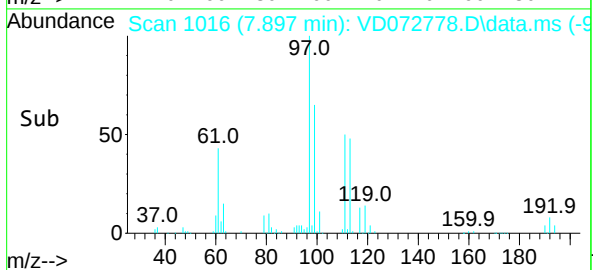
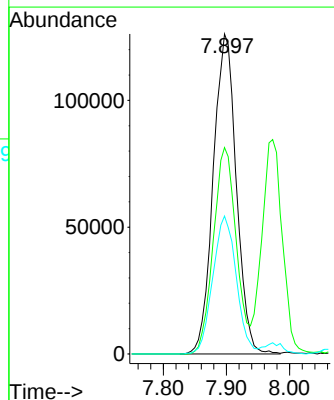
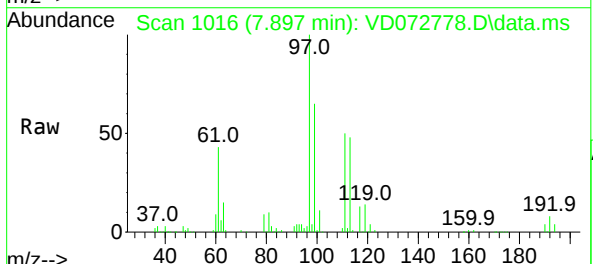
Delta R.T. -0.000 min

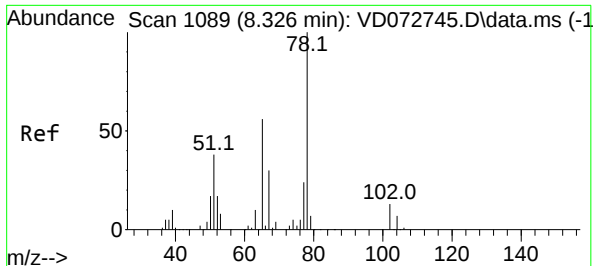
Lab File: VD072778.D

Acq: 04 May 2022 09:39

Tgt Ion: 97 Resp: 320126

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.4	78.6
61	44.0	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 47.637 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

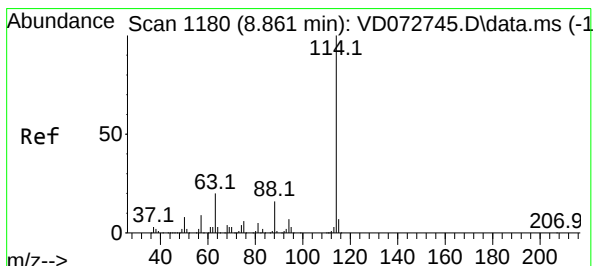
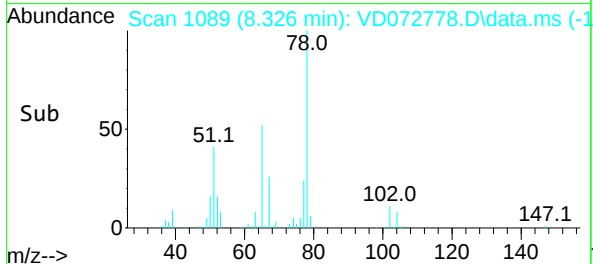
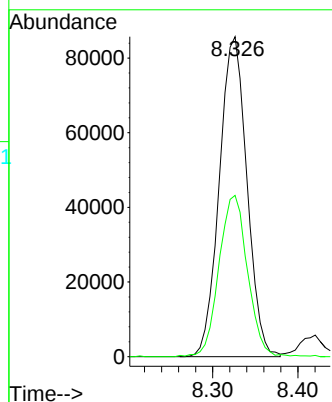
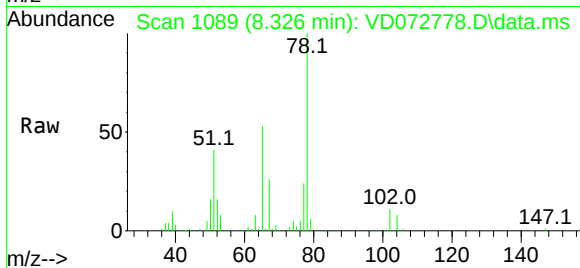
VSTDCCC050

Tgt Ion: 65 Resp: 192782

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

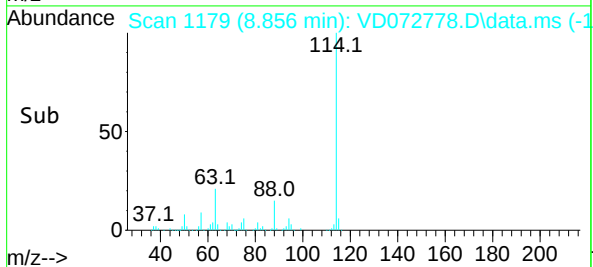
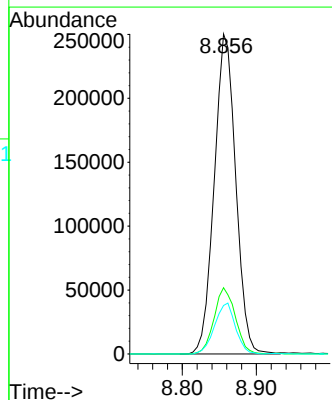
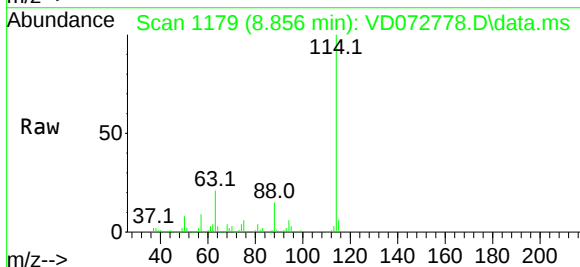
Tgt Ion: 114 Resp: 503946

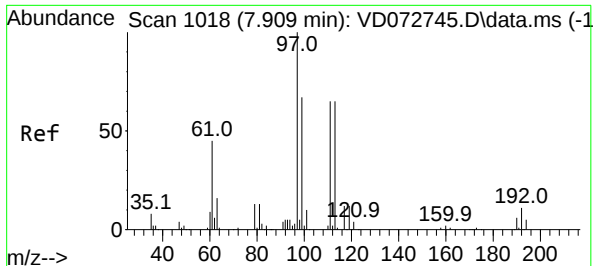
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.1 0.0 33.2

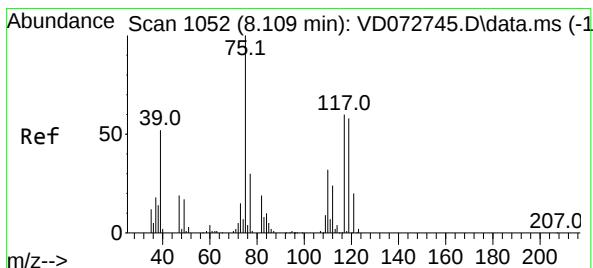
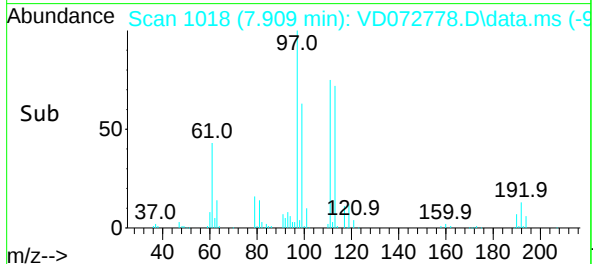
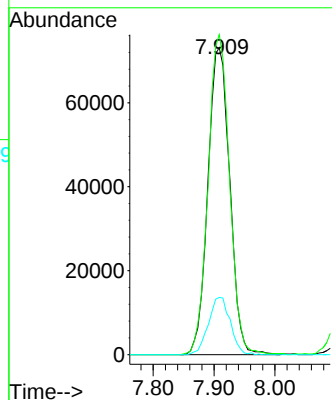
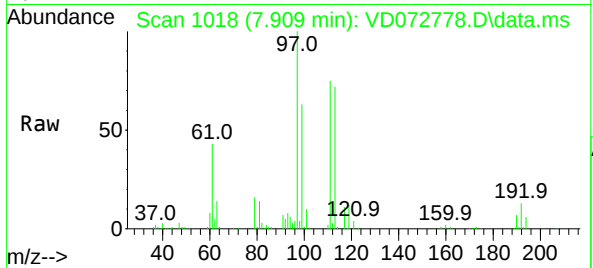




#35
Dibromofluoromethane
Concen: 51.640 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

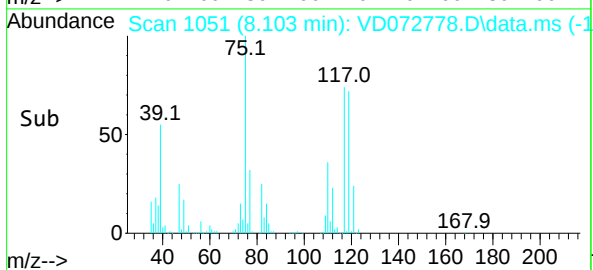
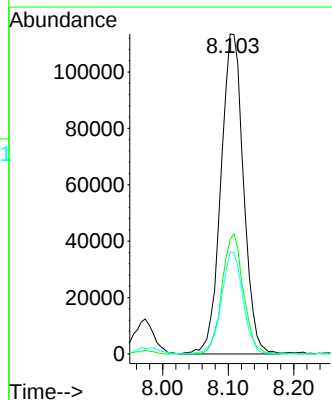
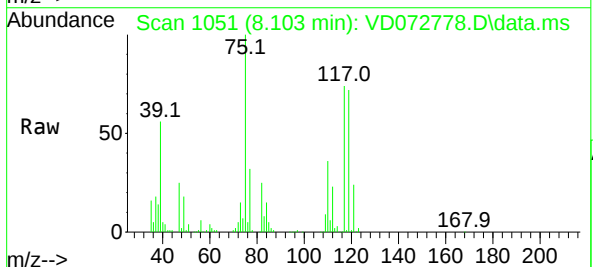
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

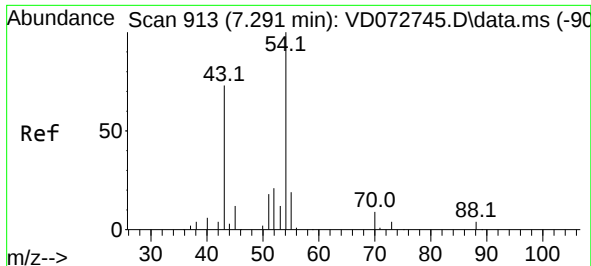
Tgt Ion:113 Resp: 182769
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 47.100 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 75 Resp: 271059
Ion Ratio Lower Upper
75 100
110 35.4 16.4 49.1
77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 51.598 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

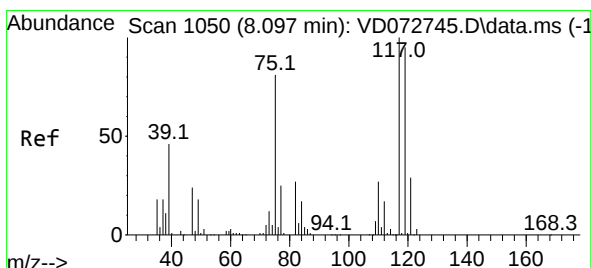
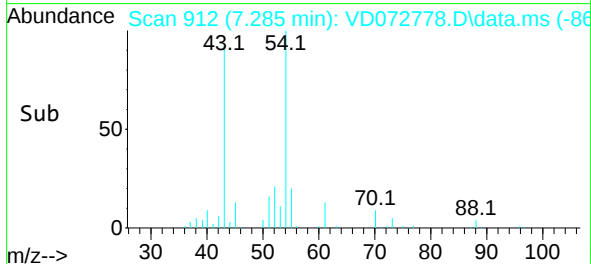
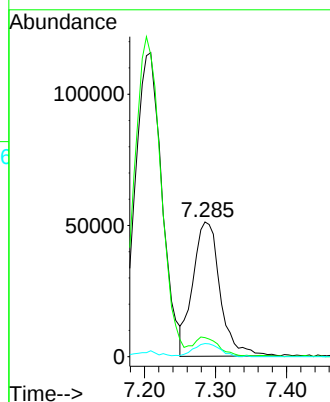
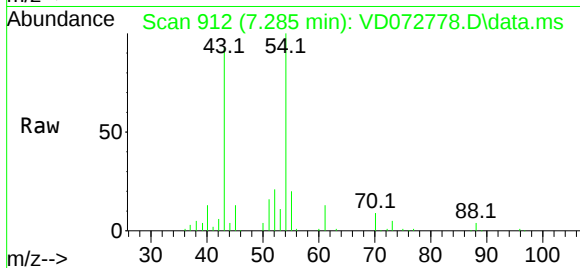
Tgt Ion: 43 Resp: 136505

Ion Ratio Lower Upper

43 100

61 11.5 9.8 14.8

70 9.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 47.217 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

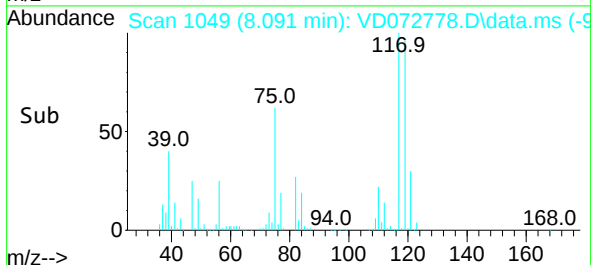
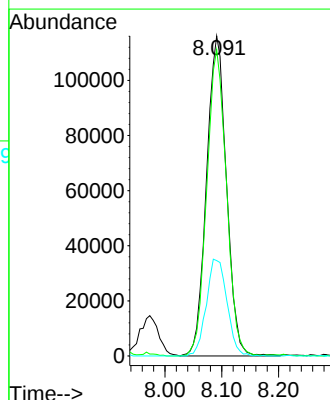
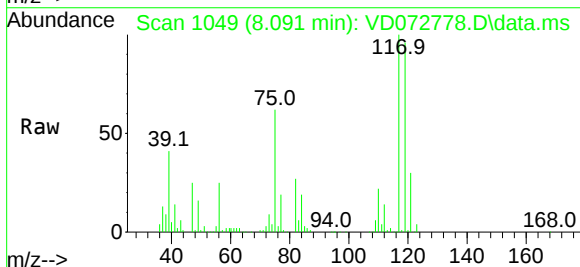
Tgt Ion: 117 Resp: 282074

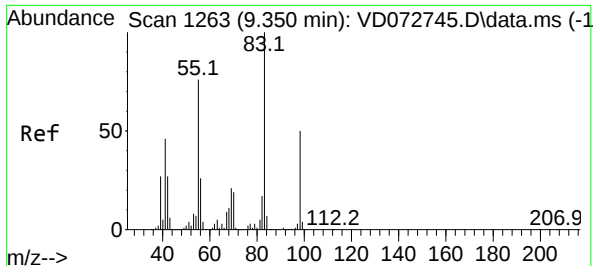
Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.6

121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 45.887 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

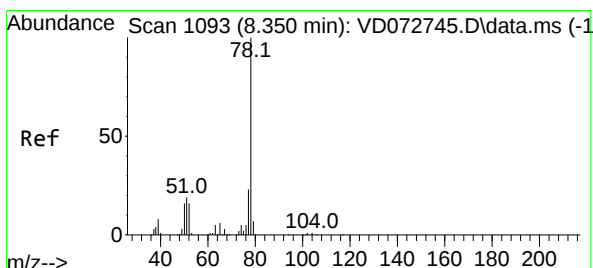
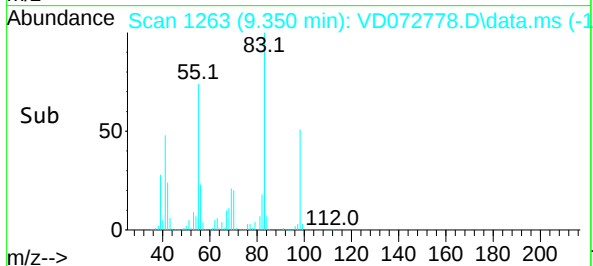
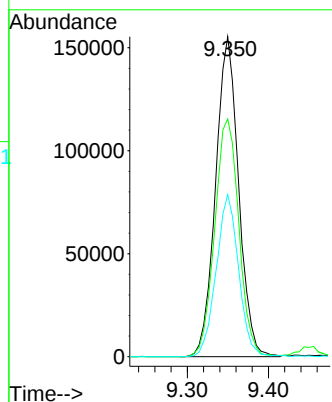
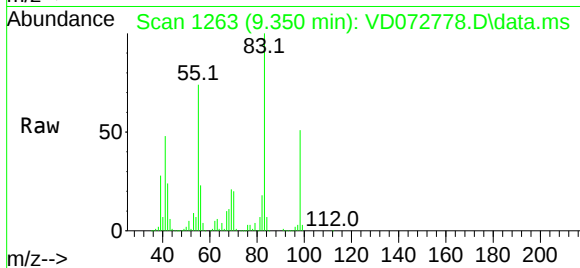
Tgt Ion: 83 Resp: 306311

Ion Ratio Lower Upper

83 100

55 74.3 63.2 94.8

98 50.6 38.2 57.4



#40

Benzene

Concen: 47.705 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072778.D

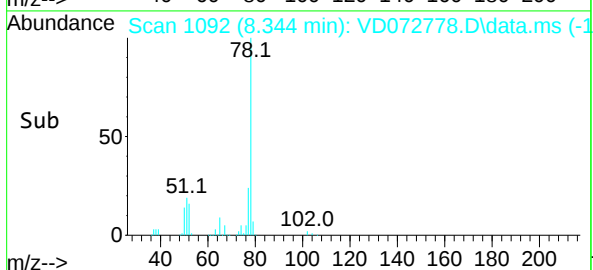
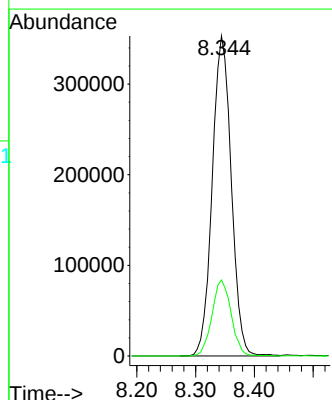
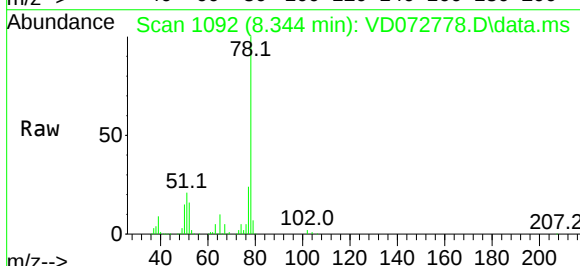
Acq: 04 May 2022 09:39

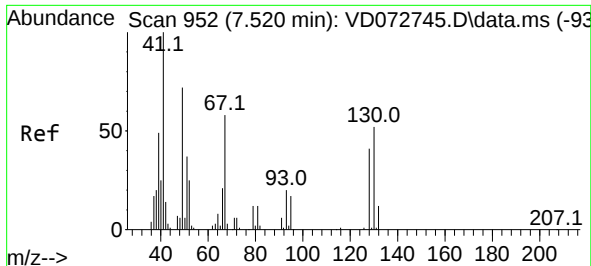
Tgt Ion: 78 Resp: 792818

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

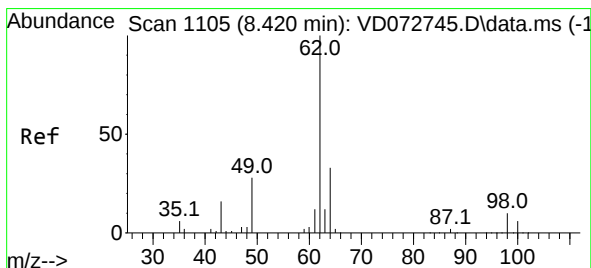
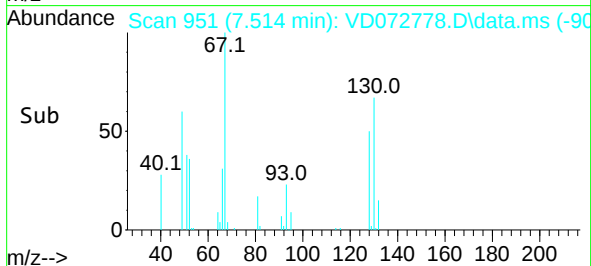
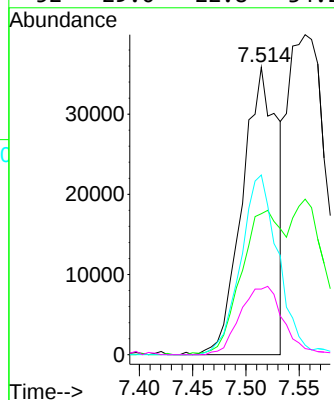
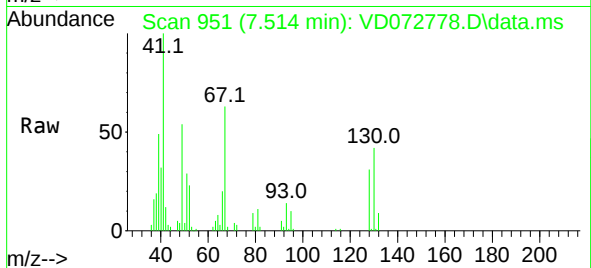




#41
Methacrylonitrile
Concen: 52.319 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

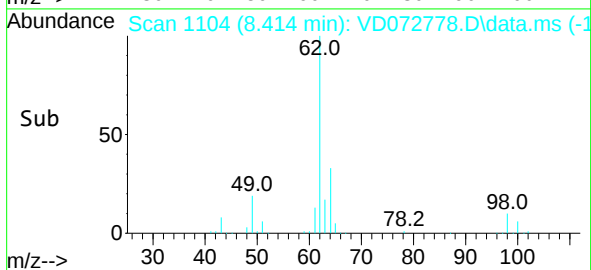
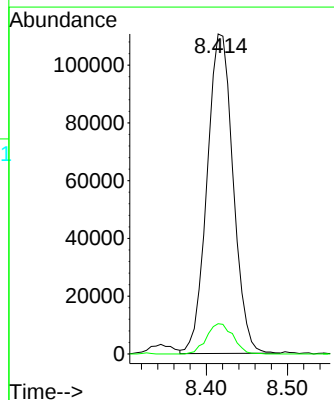
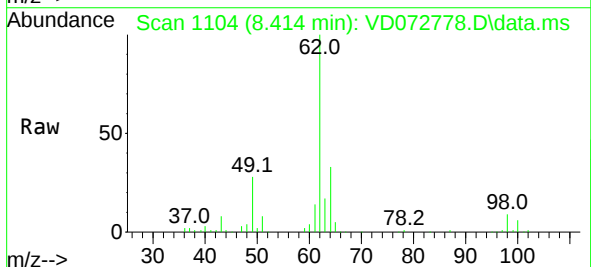
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

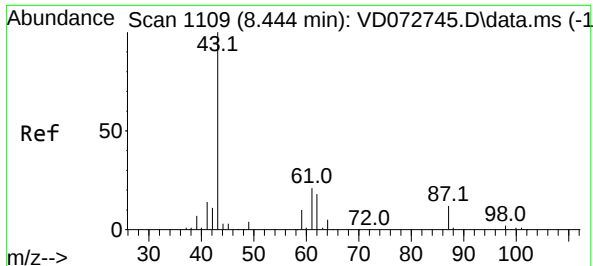
Tgt Ion:	41	Resp:	82416
Ion	Ratio	Lower	Upper
41	100		
39	60.9	44.6	67.0
67	67.1	48.2	72.4
52	29.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 49.346 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:	62	Resp:	247134
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 50.578 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

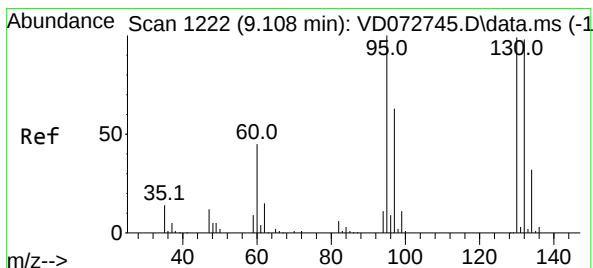
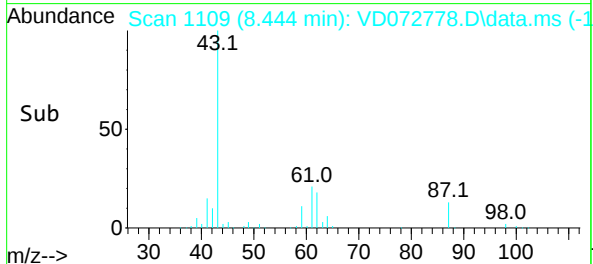
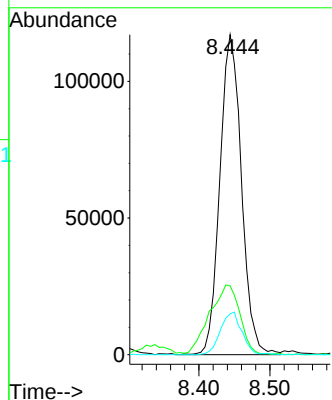
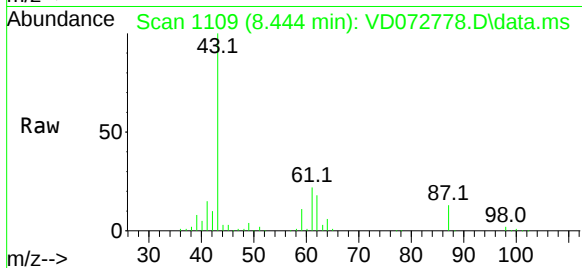
Tgt Ion: 43 Resp: 246972

Ion Ratio Lower Upper

43 100

61 30.3 22.4 33.6

87 13.2 8.7 13.1#



#44

Trichloroethene

Concen: 46.647 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072778.D

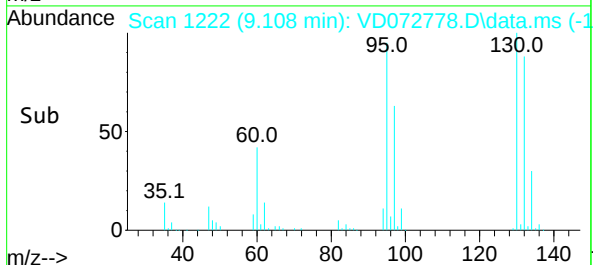
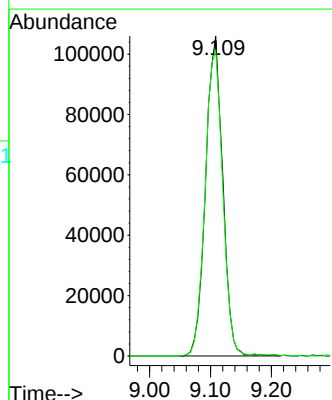
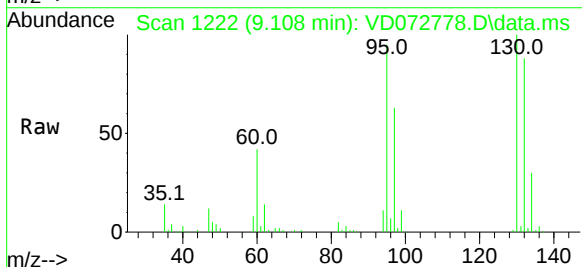
Acq: 04 May 2022 09:39

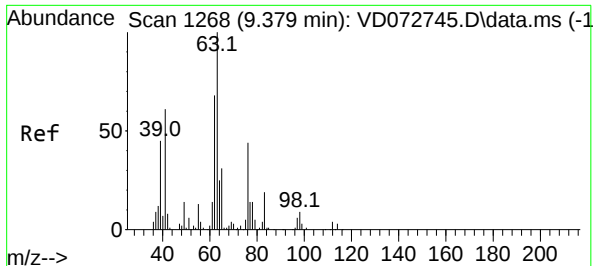
Tgt Ion:130 Resp: 207403

Ion Ratio Lower Upper

130 100

95 95.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.106 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

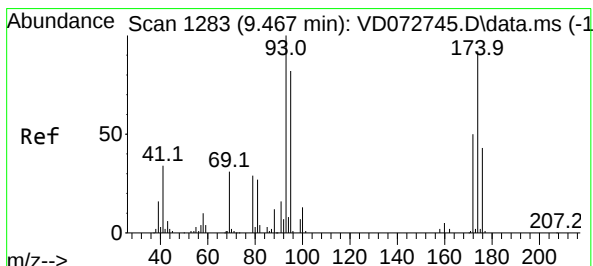
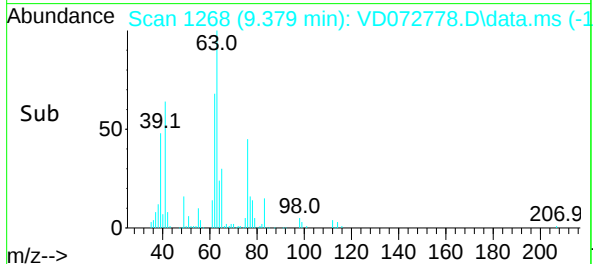
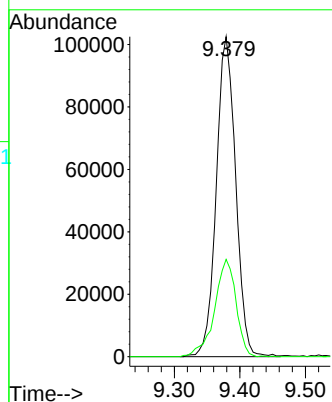
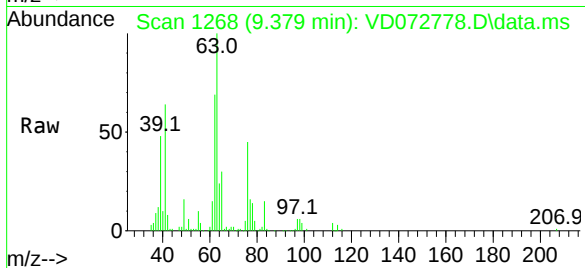
VSTDCCC050

Tgt Ion: 63 Resp: 209963

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 49.292 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

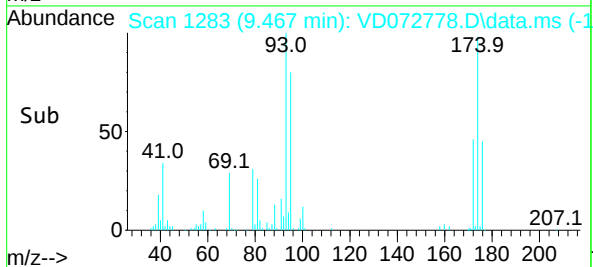
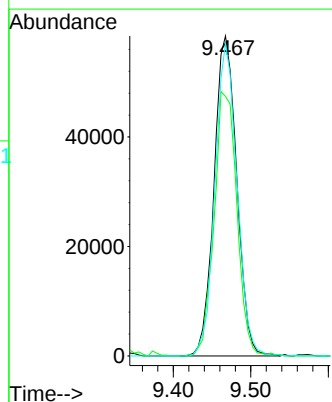
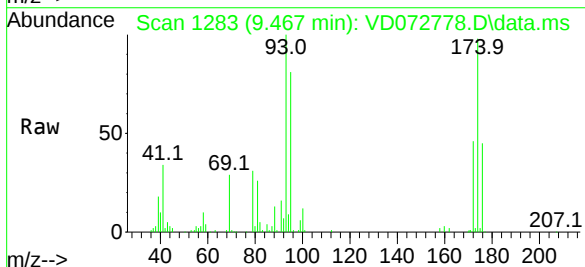
Tgt Ion: 93 Resp: 118675

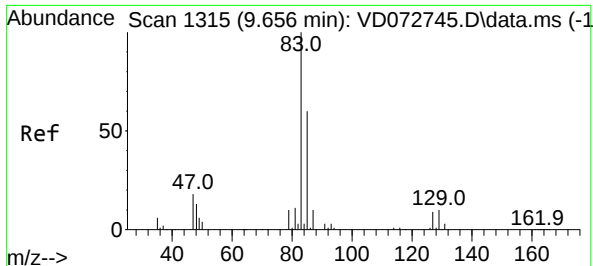
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 94.9 71.6 107.4





#47

Bromodichloromethane

Concen: 48.478 ug/l

RT: 9.656 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

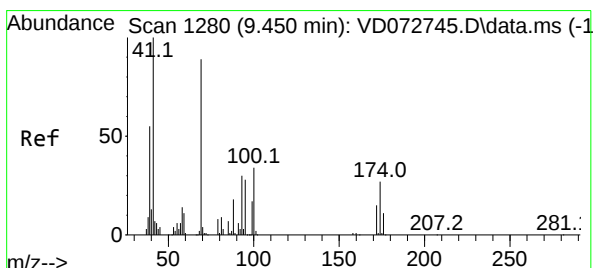
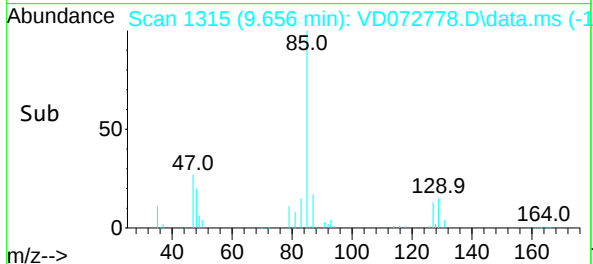
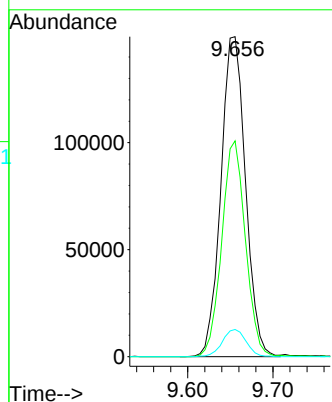
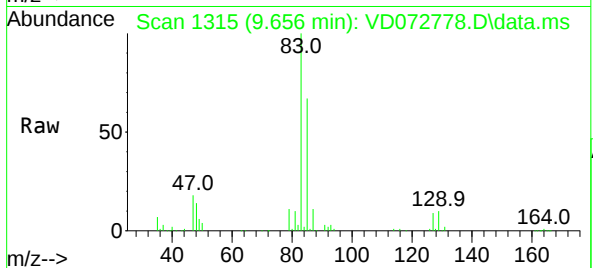
Tgt Ion: 83 Resp: 300253

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.0

127 8.5 6.1 9.1



#48

Methyl methacrylate

Concen: 53.294 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

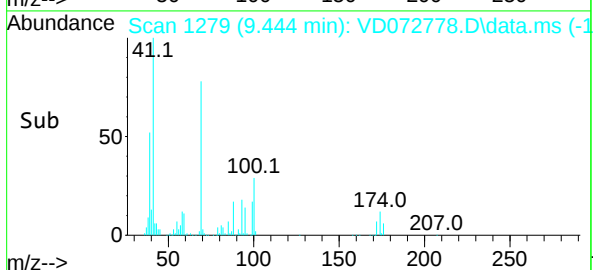
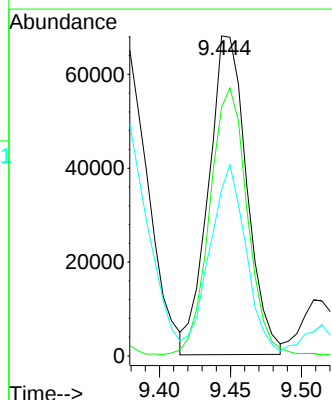
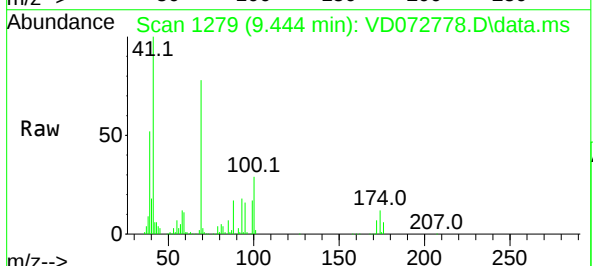
Tgt Ion: 41 Resp: 127309

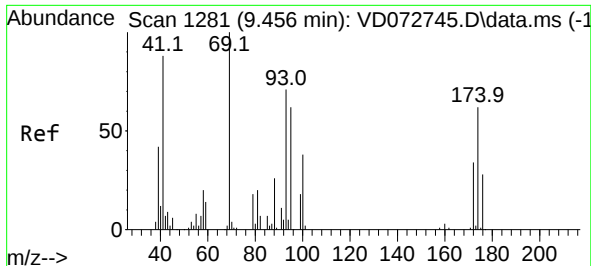
Ion Ratio Lower Upper

41 100

69 82.4 56.7 85.1

39 53.9 42.7 64.1

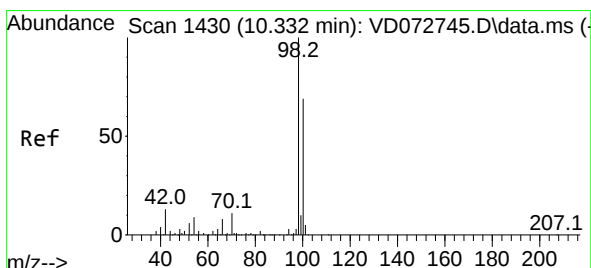
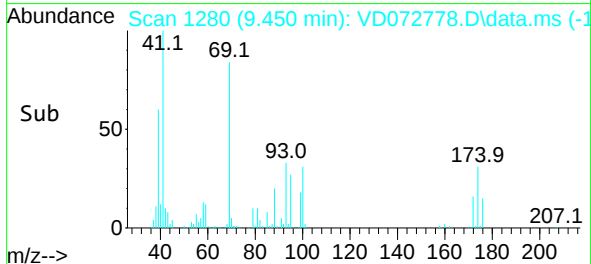
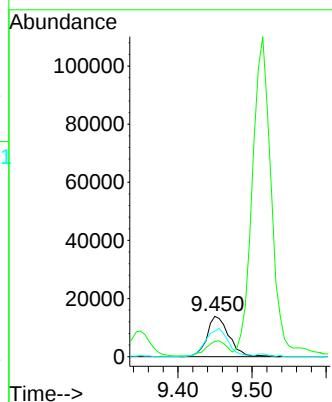
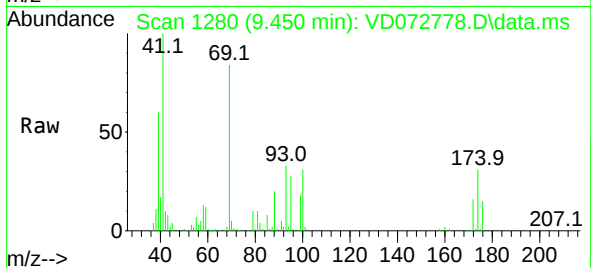




#49
1,4-Dioxane
Concen: 1053.284 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

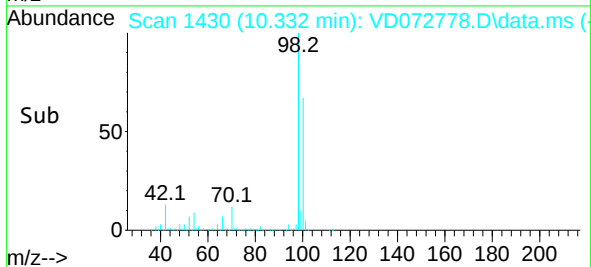
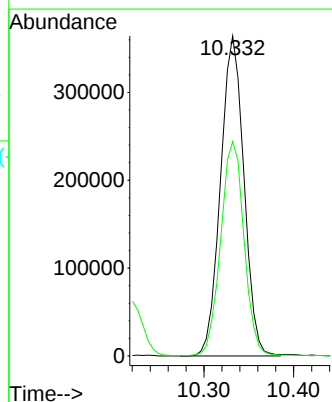
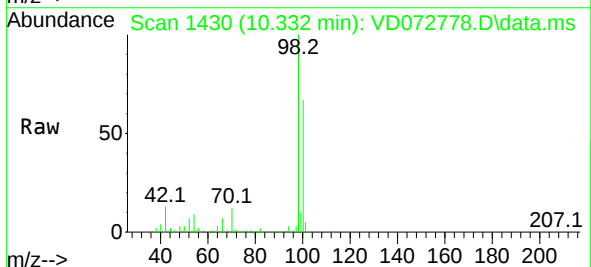
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

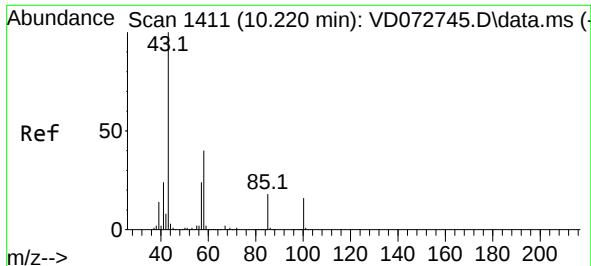
Tgt Ion: 88 Resp: 28556
Ion Ratio Lower Upper
88 100
43 34.9 31.0 46.4
58 72.2 58.1 87.1



#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 98 Resp: 658233
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6

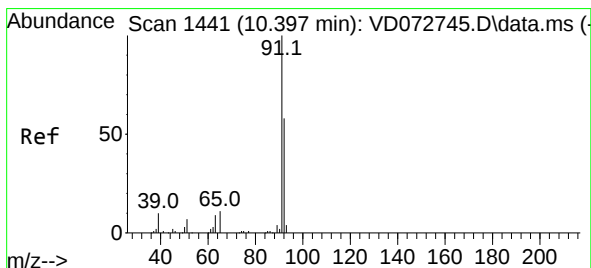
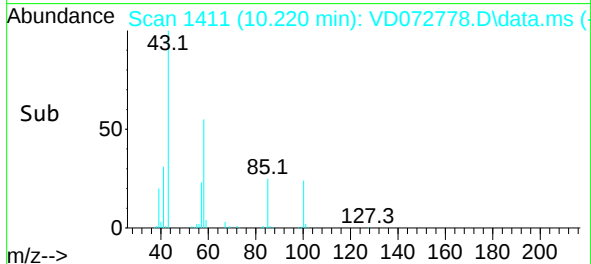
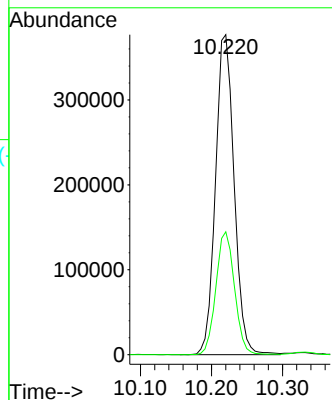
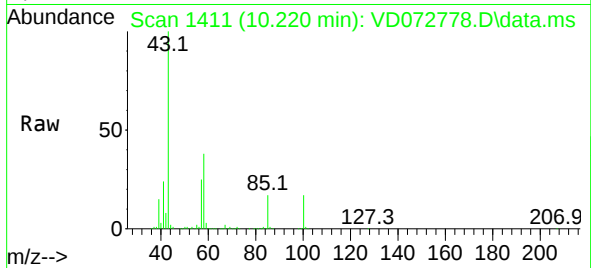




#51
4-Methyl-2-Pentanone
Concen: 270.026 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

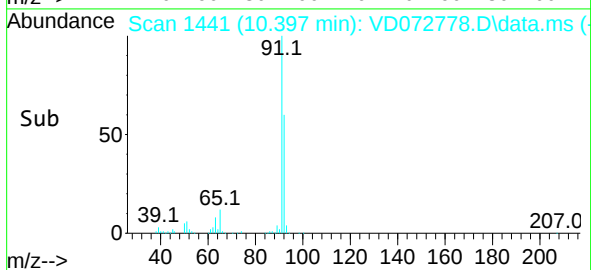
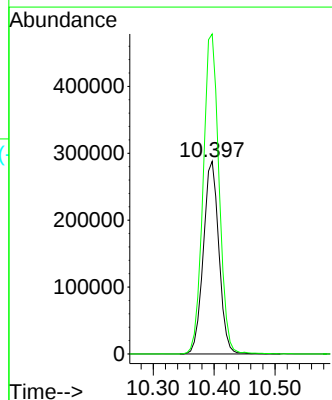
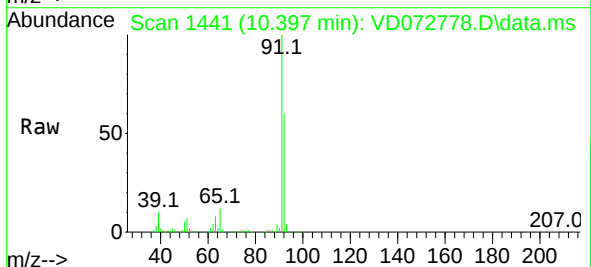
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

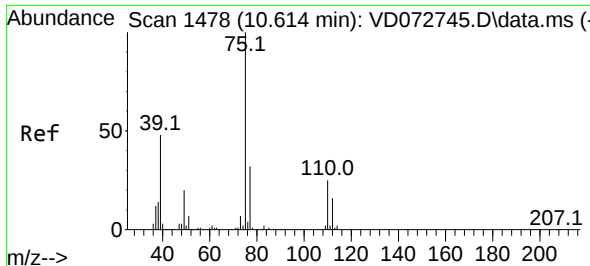
Tgt Ion: 43 Resp: 685152
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 49.240 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 92 Resp: 510482
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4

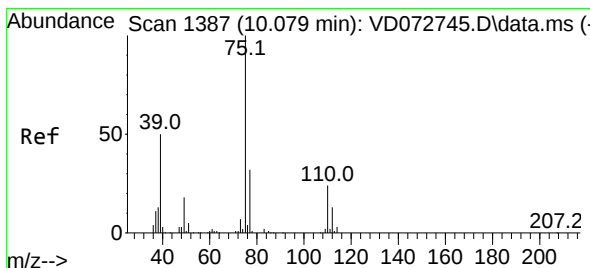
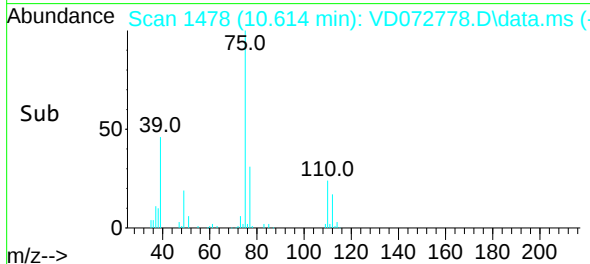
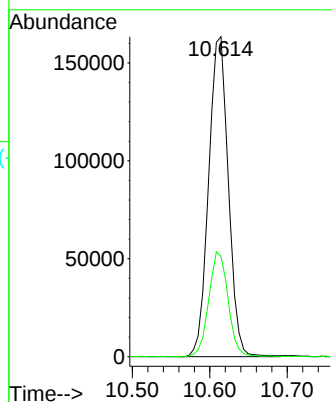
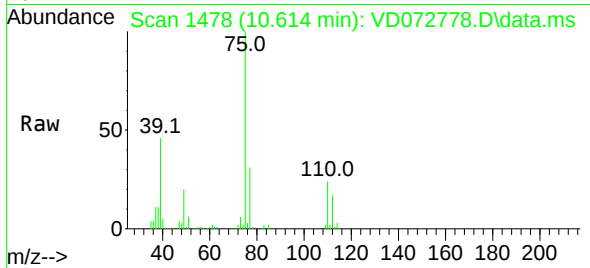




#53
 t-1,3-Dichloropropene
 Concen: 50.787 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

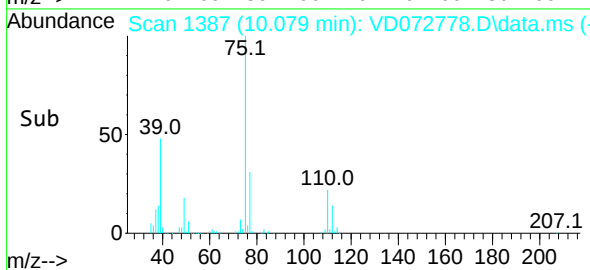
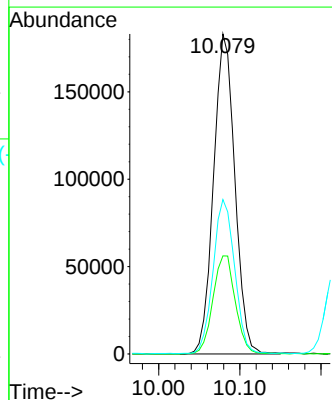
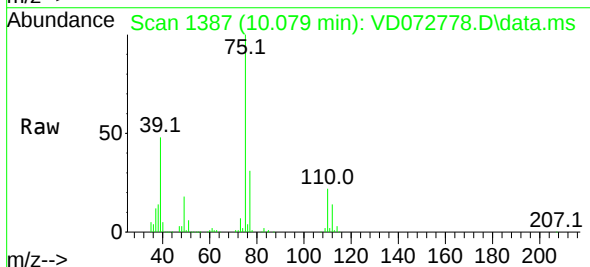
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

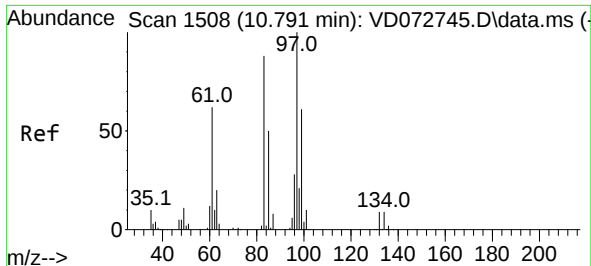
Tgt Ion: 75 Resp: 288926
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.547 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion: 75 Resp: 334088
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 48.1 46.8 70.2

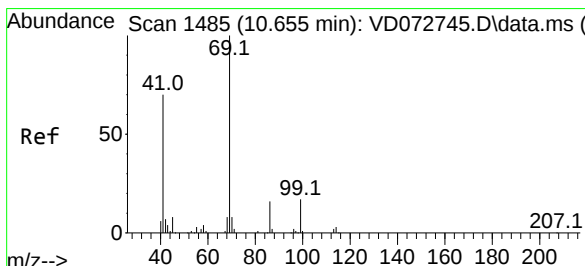
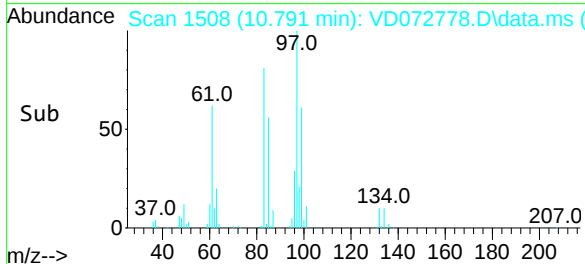
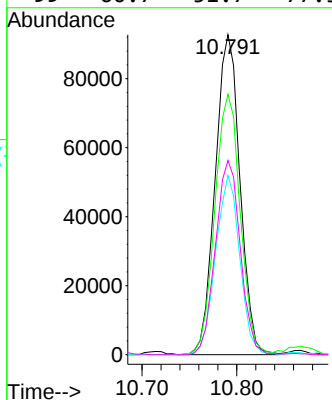
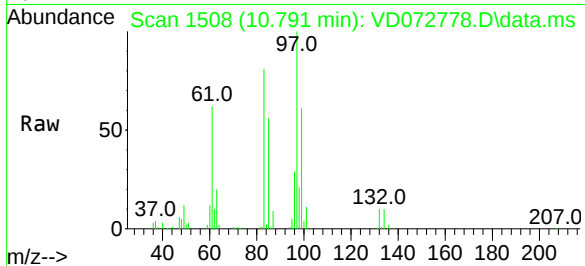




#55
1,1,2-Trichloroethane
Concen: 51.753 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

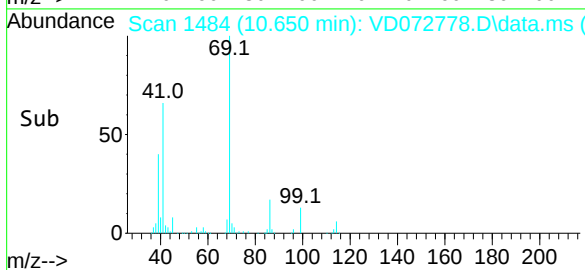
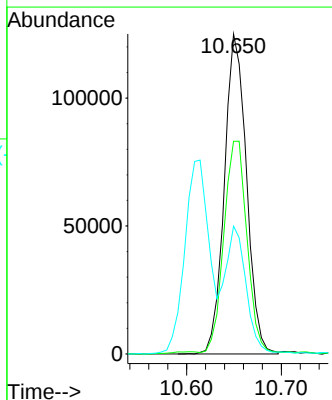
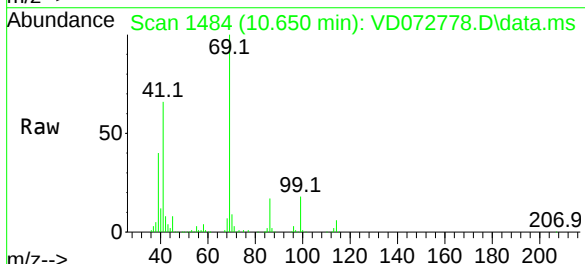
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

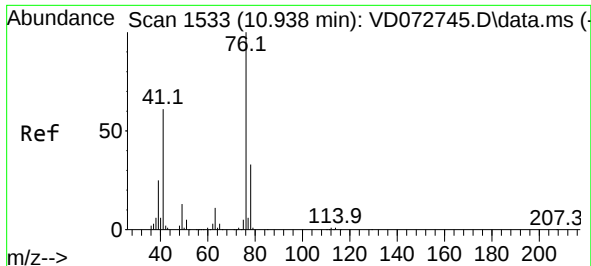
Tgt Ion:	97	Resp:	168439
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.4
85	56.0	42.6	63.8
99	60.7	51.7	77.5



#56
Ethyl methacrylate
Concen: 52.844 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:	69	Resp:	202506
Ion	Ratio	Lower	Upper
69	100		
41	69.1	63.0	94.6
39	37.7	33.8	50.8





#57

1,3-Dichloropropane

Concen: 50.617 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

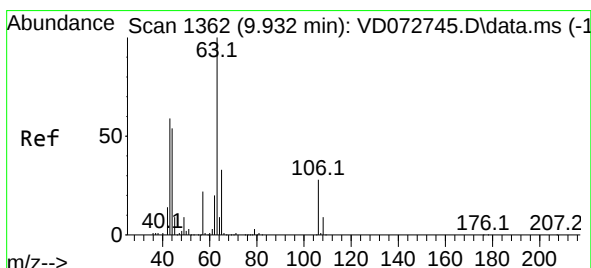
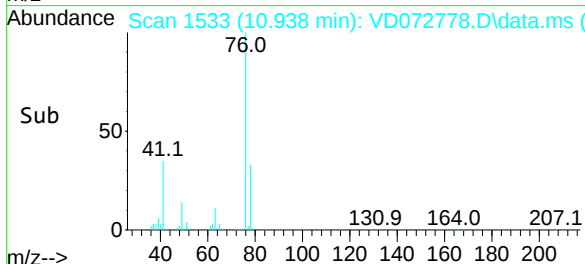
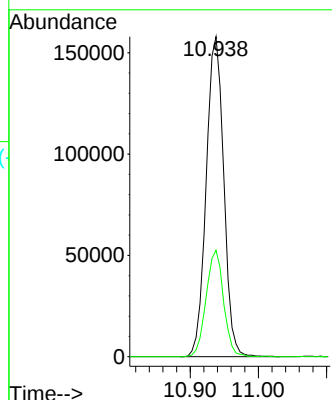
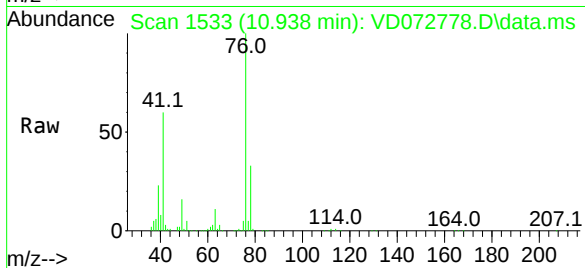
VSTDCCC050

Tgt Ion: 76 Resp: 282708

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 299.804 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072778.D

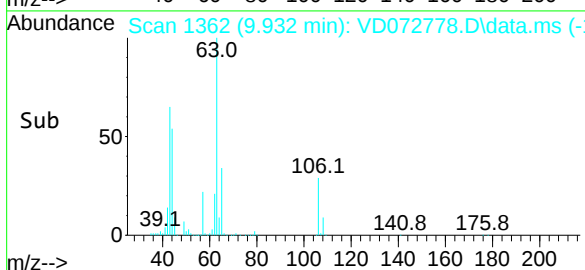
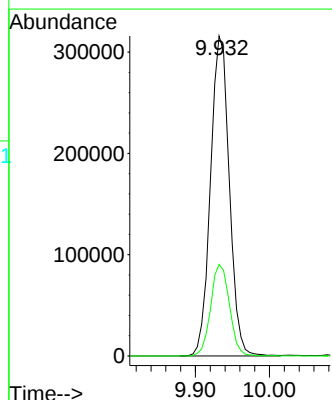
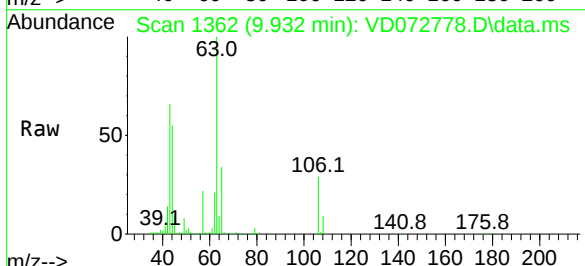
Acq: 04 May 2022 09:39

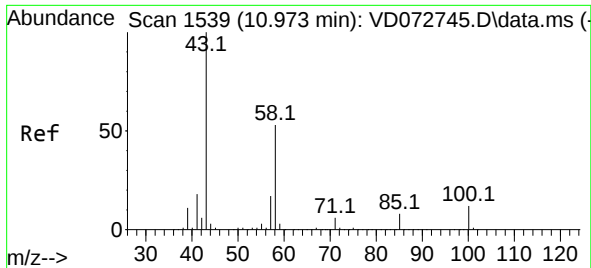
Tgt Ion: 63 Resp: 557022

Ion Ratio Lower Upper

63 100

106 28.5 21.4 32.0

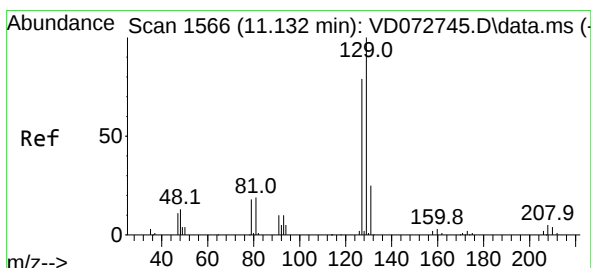
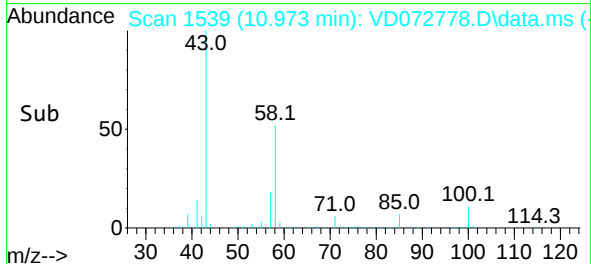
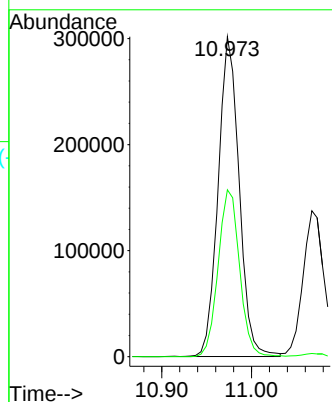
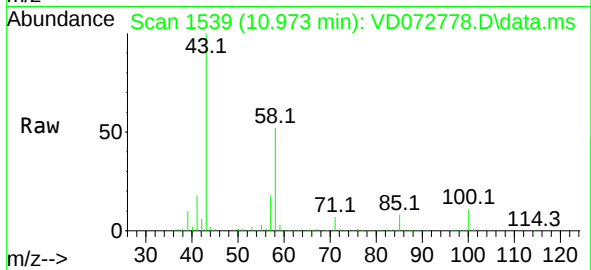




#59
2-Hexanone
Concen: 286.812 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

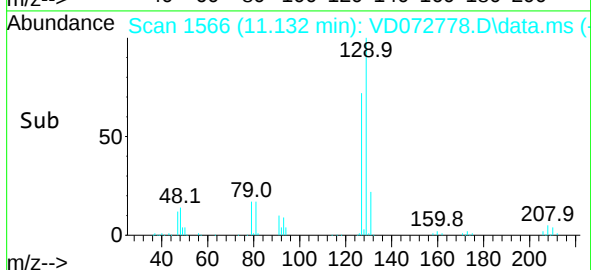
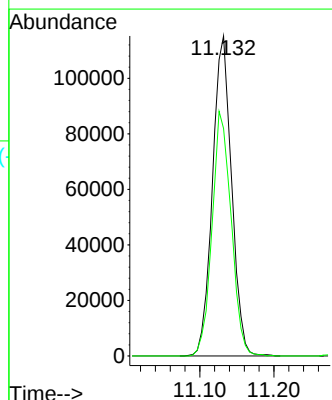
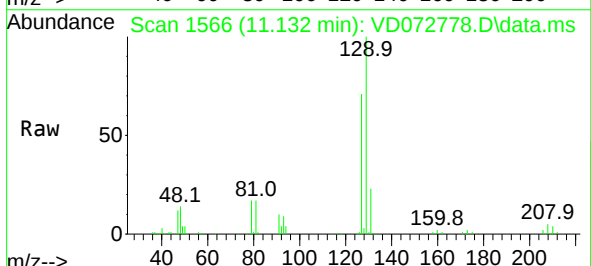
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

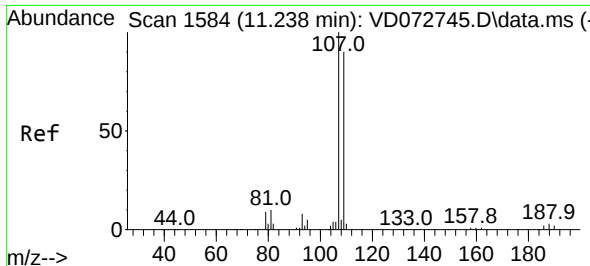
Tgt Ion: 43 Resp: 489689
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9



#60
Dibromochloromethane
Concen: 50.268 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:129 Resp: 205959
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

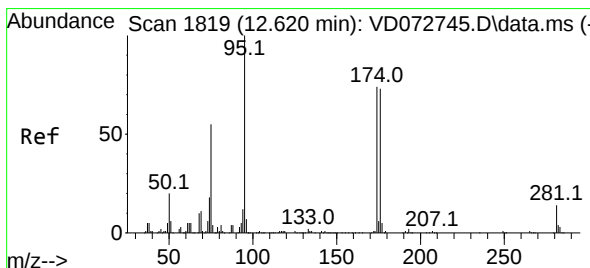
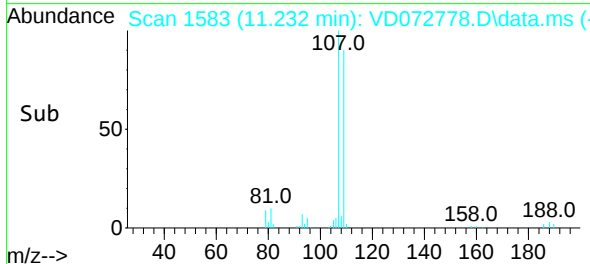
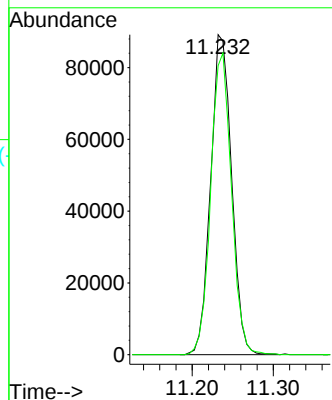
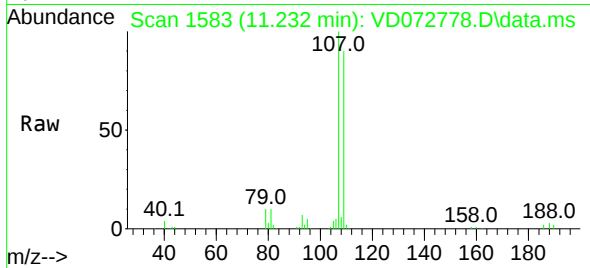




#61
1,2-Dibromoethane
Concen: 50.477 ug/l
RT: 11.232 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

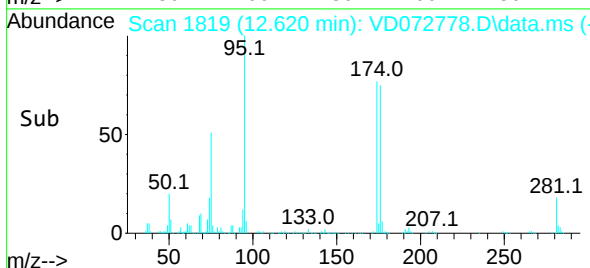
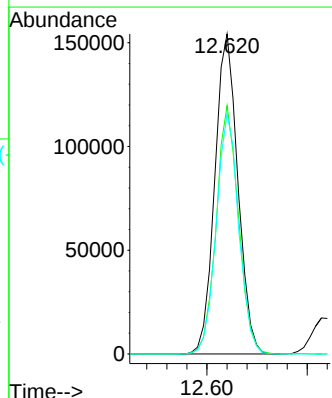
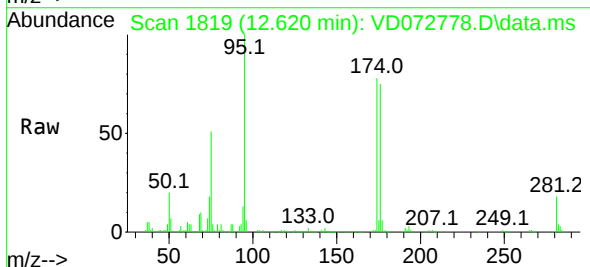
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

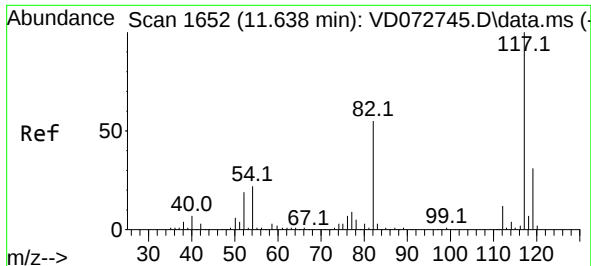
Tgt Ion:107 Resp: 159907
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.833 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 95 Resp: 245371
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 73.3 0.0 145.4

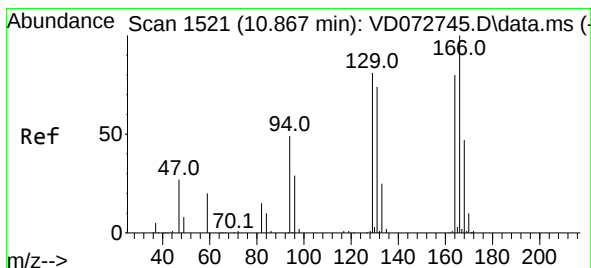
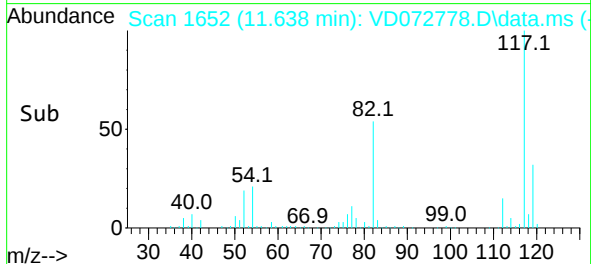
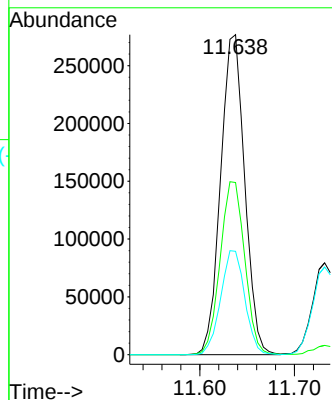
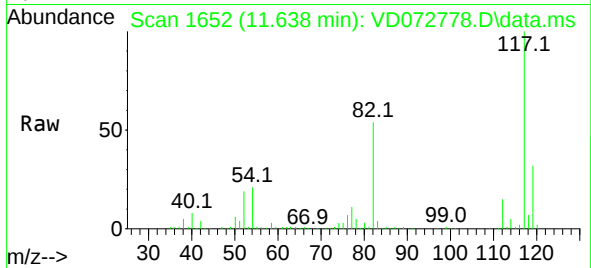




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

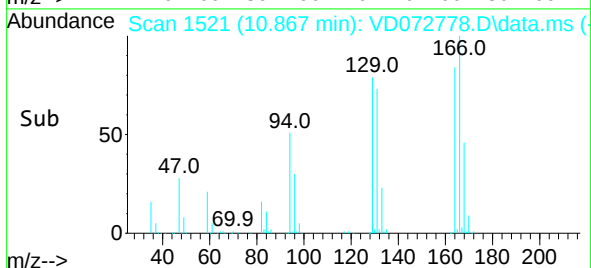
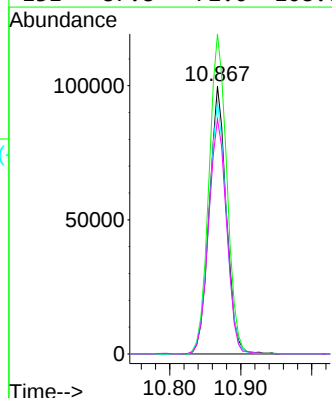
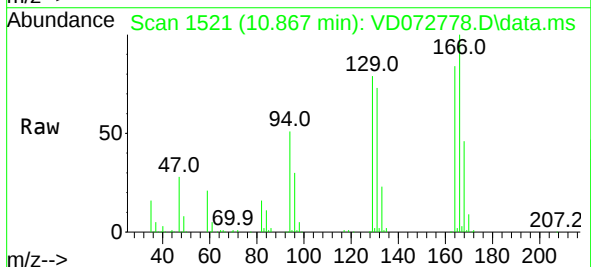
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

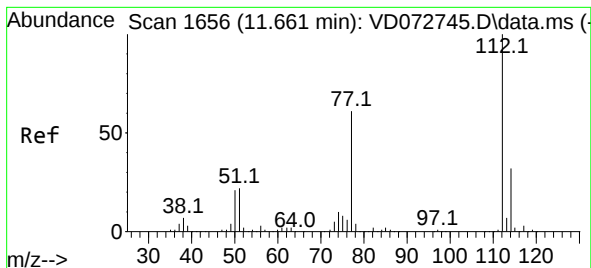
Tgt Ion:117 Resp: 489041
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 46.681 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:164 Resp: 166905
Ion Ratio Lower Upper
164 100
166 119.6 98.5 147.7
129 94.3 74.6 111.8
131 87.8 72.0 108.0

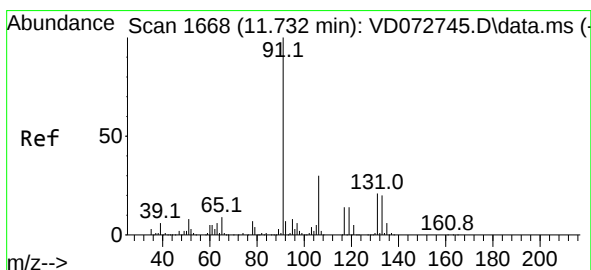
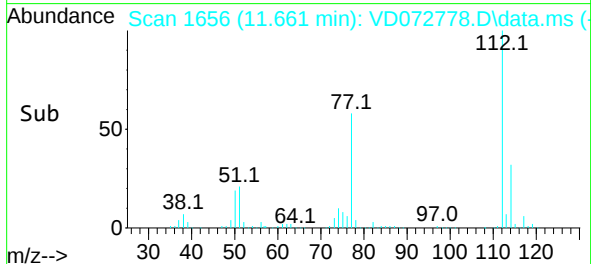
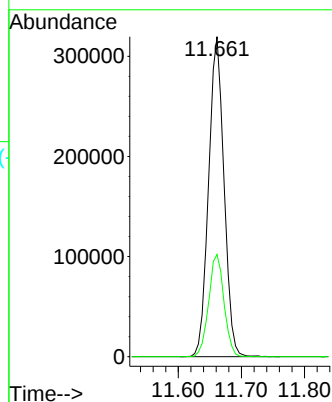
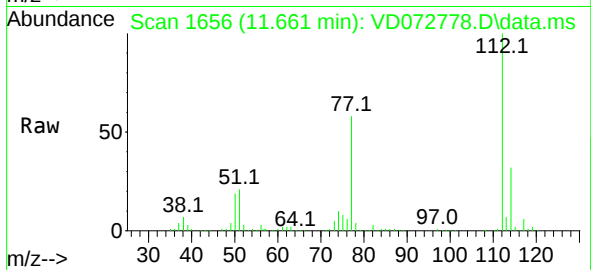




#65
Chlorobenzene
Concen: 47.792 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

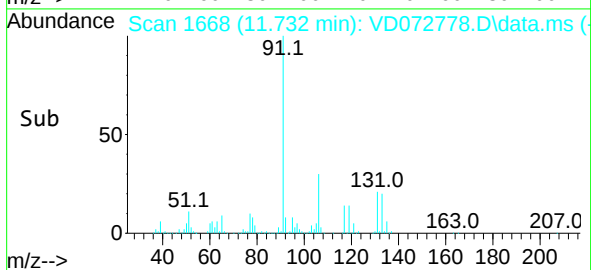
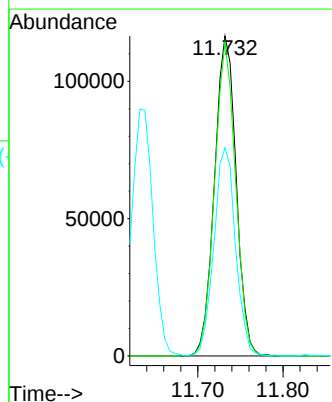
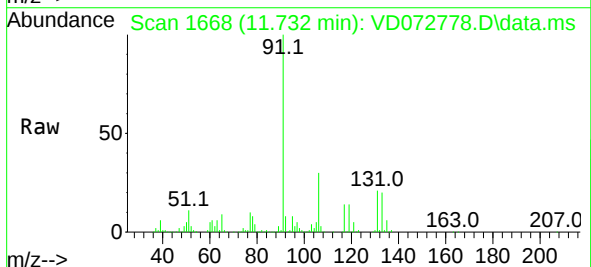
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

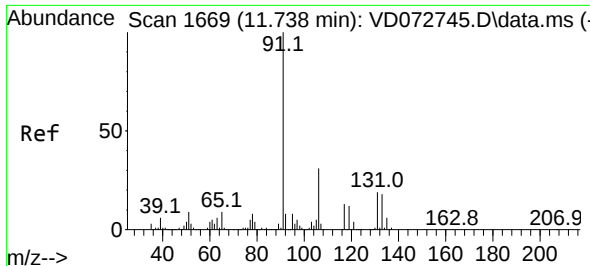
Tgt Ion:112 Resp: 540586
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.359 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:131 Resp: 205572
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 65.0 31.9 95.9

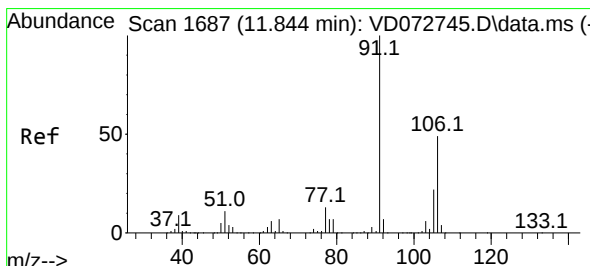
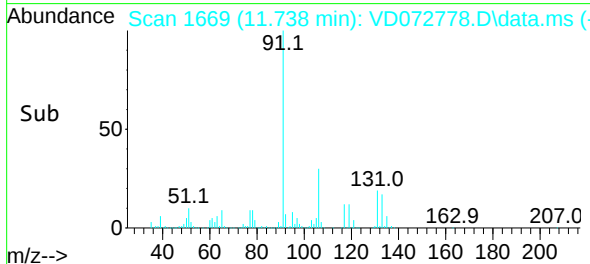
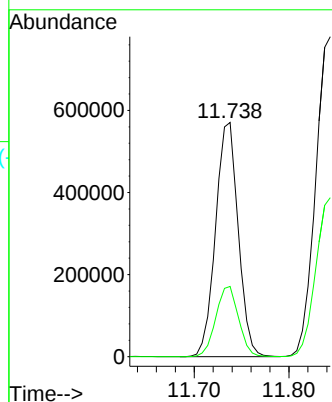
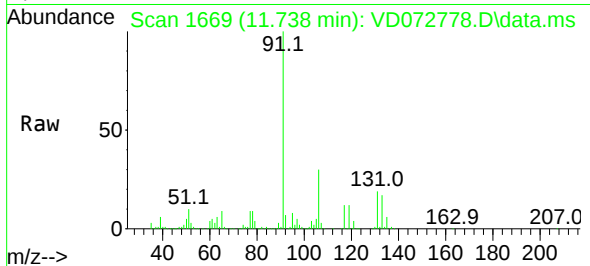




#67
Ethyl Benzene
Concen: 48.420 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

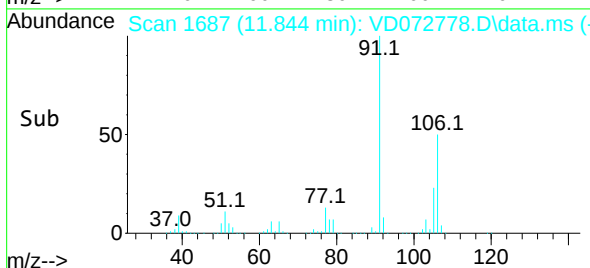
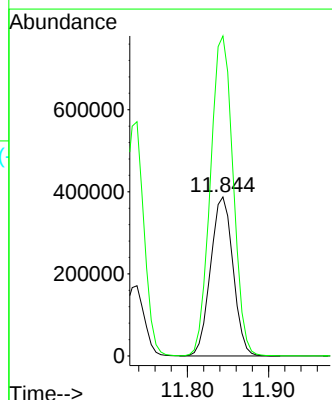
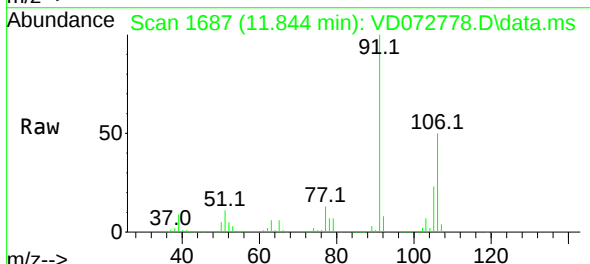
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

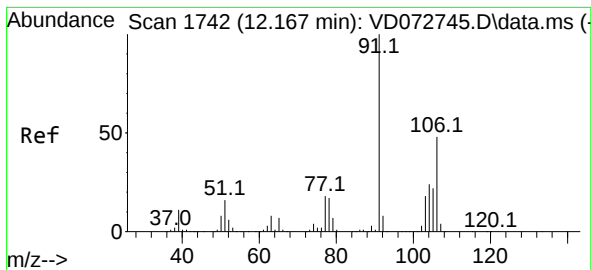
Tgt Ion: 91 Resp: 947850
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 98.943 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 106 Resp: 746077
Ion Ratio Lower Upper
106 100
91 203.1 163.7 245.5





#69

o-Xylene

Concen: 48.734 ug/l

RT: 12.167 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

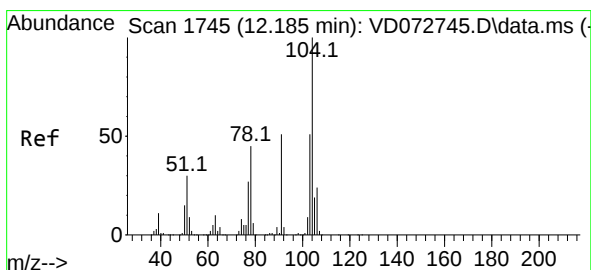
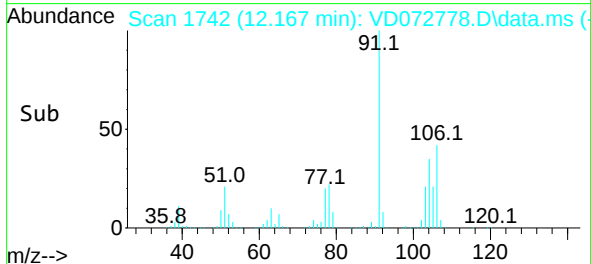
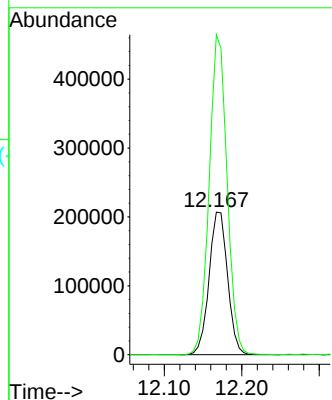
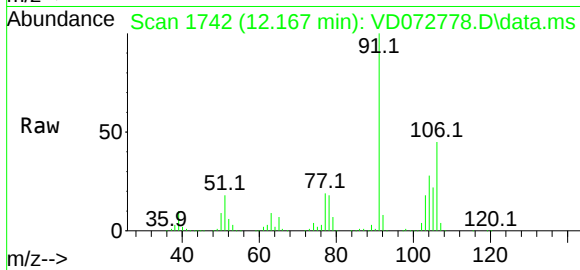
VSTDCCC050

Tgt Ion:106 Resp: 343204

Ion Ratio Lower Upper

106 100

91 217.3 110.4 331.2



#70

Styrene

Concen: 51.092 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

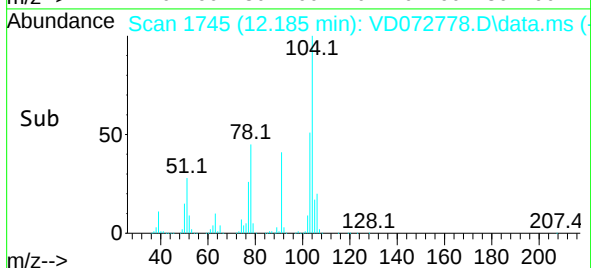
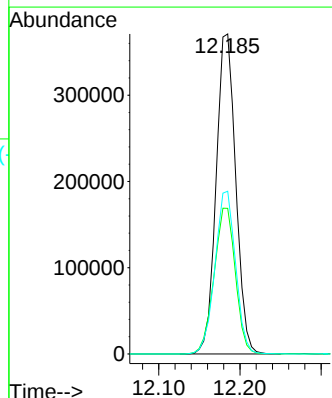
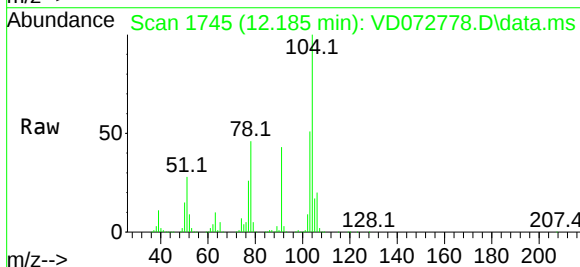
Tgt Ion:104 Resp: 623401

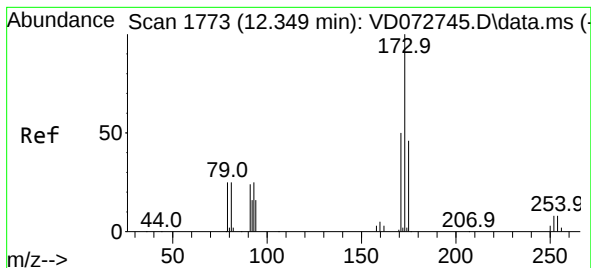
Ion Ratio Lower Upper

104 100

78 49.6 41.8 62.8

103 53.6 44.2 66.4





#71

Bromoform

Concen: 52.372 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

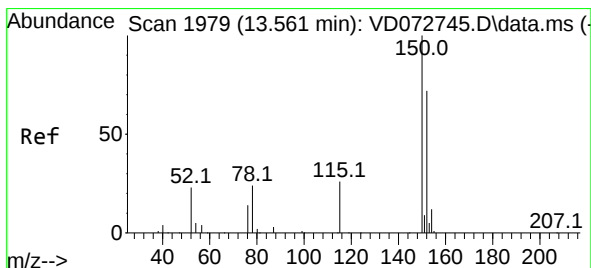
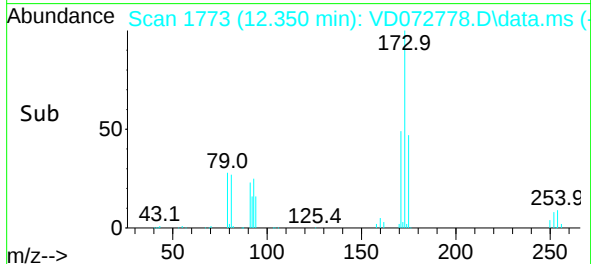
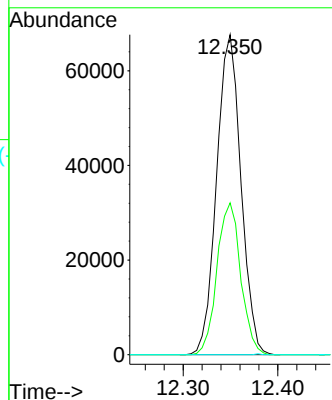
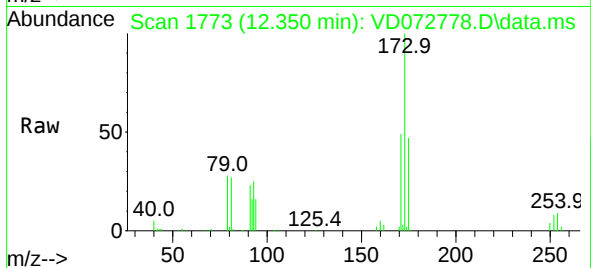
Tgt Ion:173 Resp: 120658

Ion Ratio Lower Upper

173 100

175 46.2 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: VD072778.D

Acq: 04 May 2022 09:39

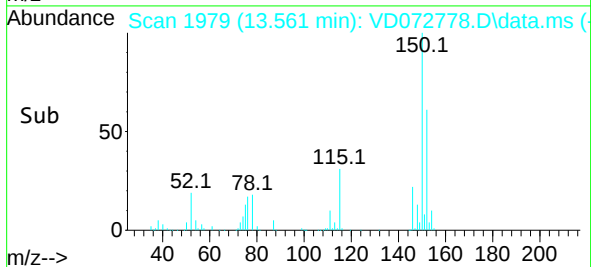
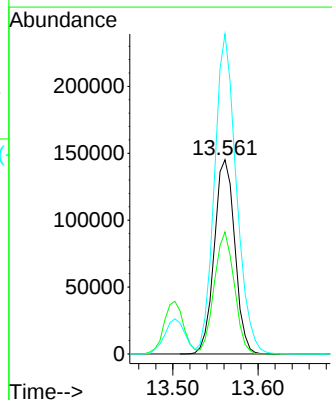
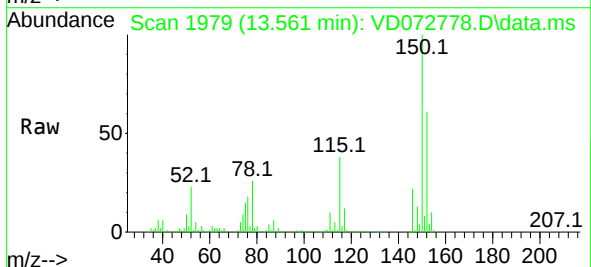
Tgt Ion:152 Resp: 243223

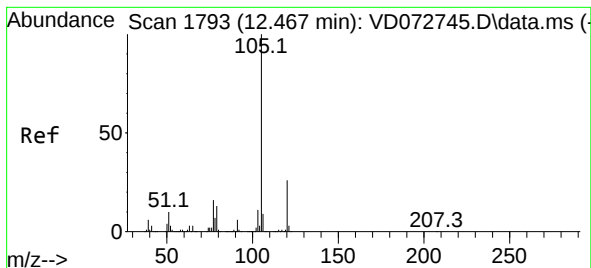
Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 175.7 0.0 348.6





#73

Isopropylbenzene

Concen: 47.575 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

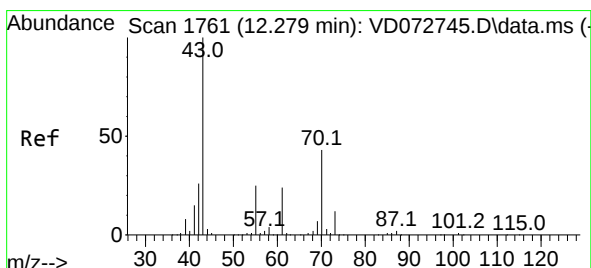
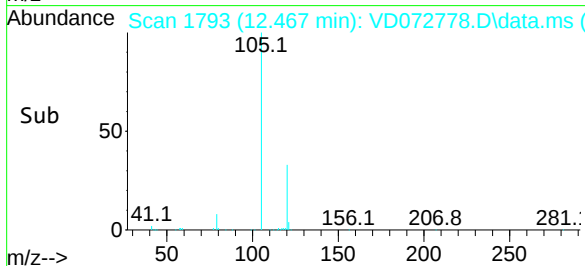
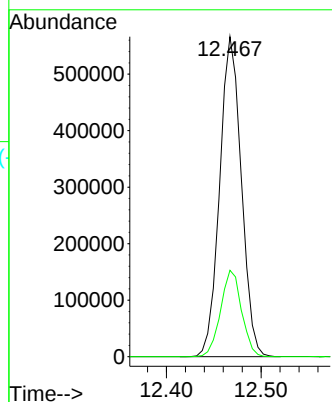
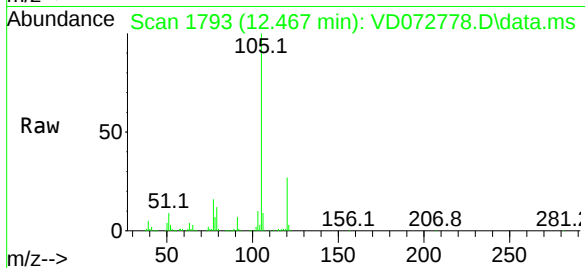
VSTDCCC050

Tgt Ion:105 Resp: 900289

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 51.792 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Tgt Ion: 43 Resp: 244072

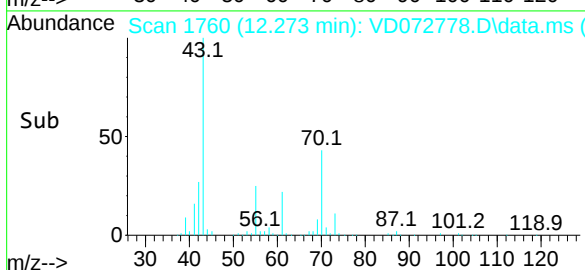
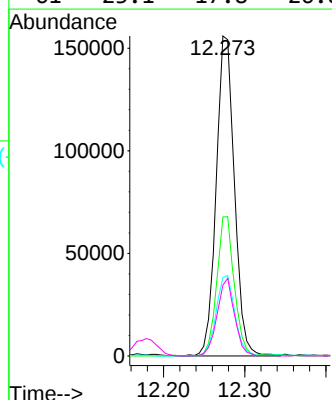
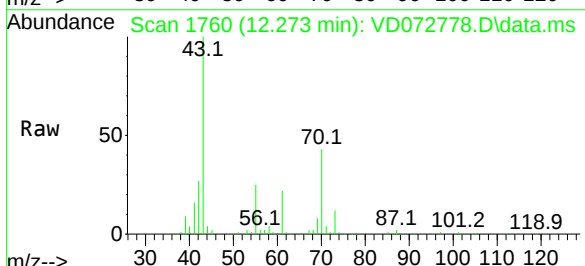
Ion Ratio Lower Upper

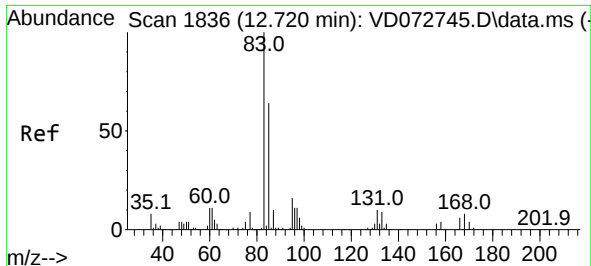
43 100

70 41.7 31.3 46.9

55 25.8 20.0 30.0

61 23.1 17.8 26.8

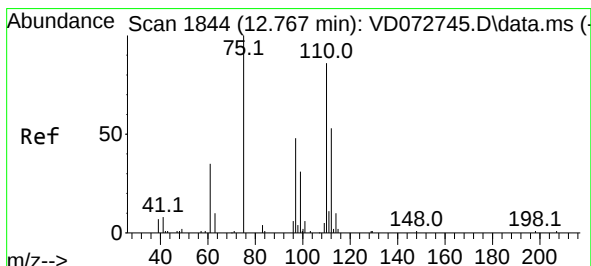
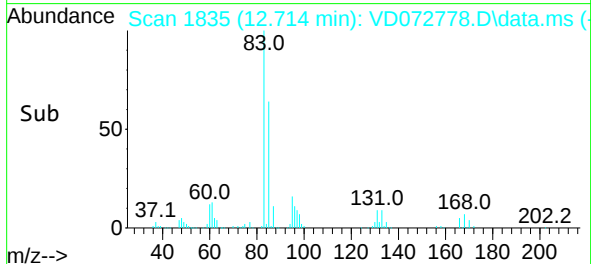
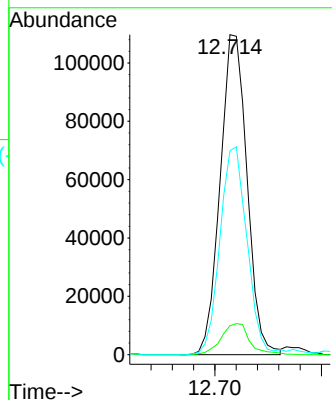
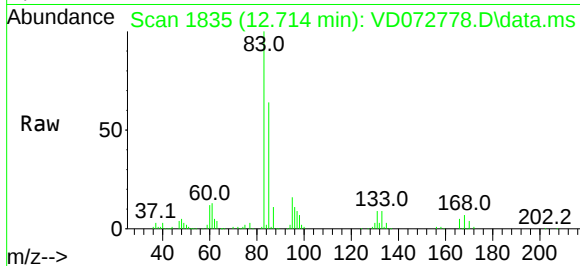




#75
1,1,2,2-Tetrachloroethane
Concen: 50.298 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

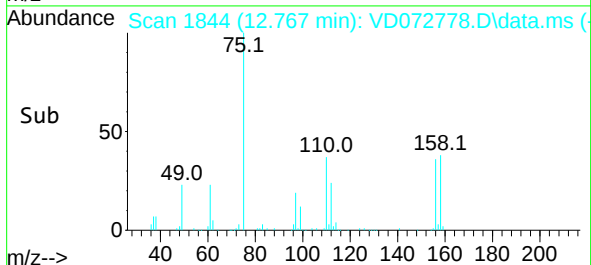
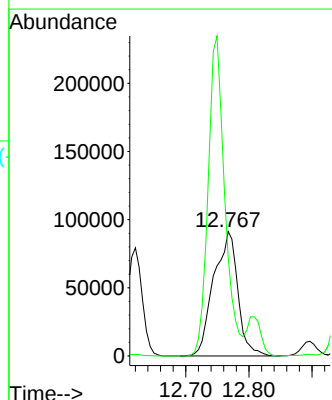
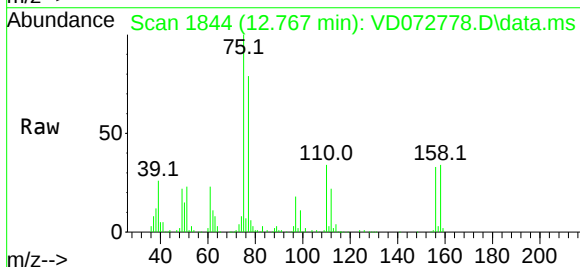
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

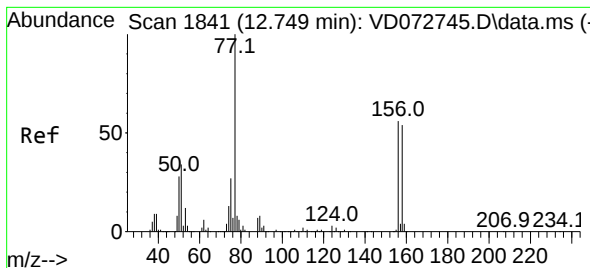
Tgt Ion: 83 Resp: 192133
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 66.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 89.183 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 75 Resp: 241874
Ion Ratio Lower Upper
75 100
77 178.3 0.0 0.0#





#77

Bromobenzene

Concen: 48.817 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

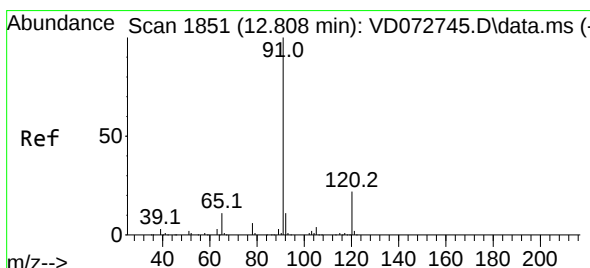
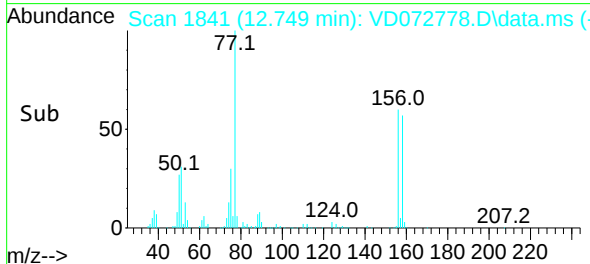
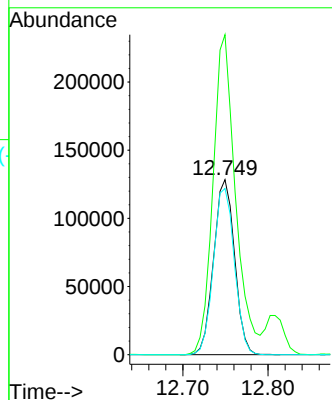
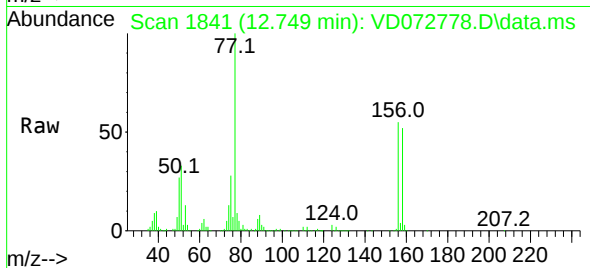
Tgt Ion:156 Resp: 219366

Ion Ratio Lower Upper

156 100

77 196.6 102.8 308.3

158 95.5 48.7 146.1



#78

n-propylbenzene

Concen: 47.234 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD072778.D

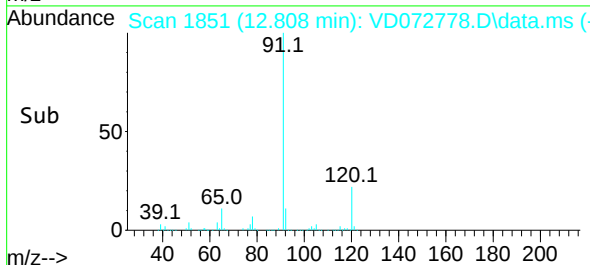
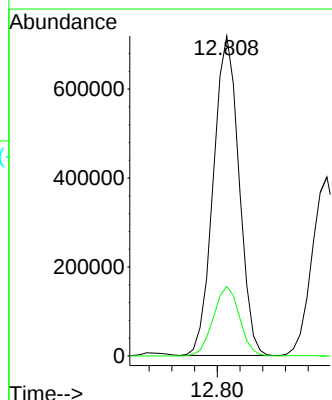
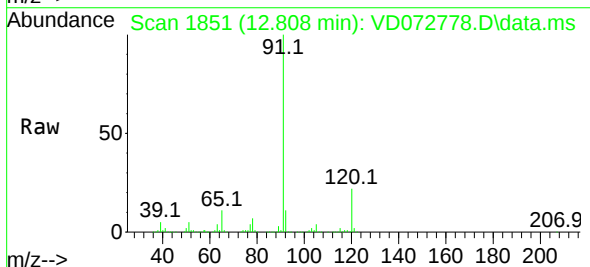
Acq: 04 May 2022 09:39

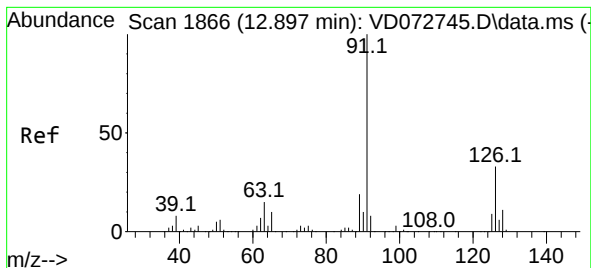
Tgt Ion: 91 Resp: 1126532

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.193 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD072778.D

Acq: 04 May 2022 09:39

Instrument :

MSVOA_D

ClientSampleId :

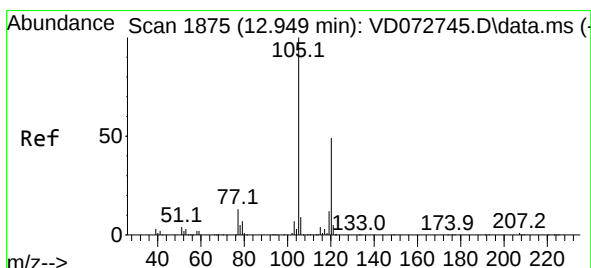
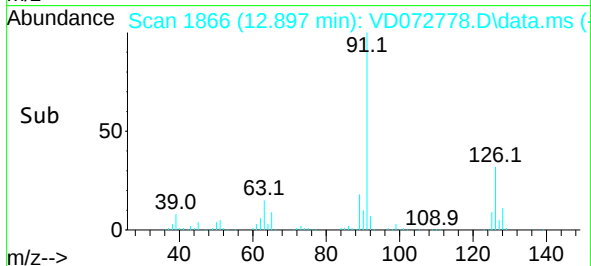
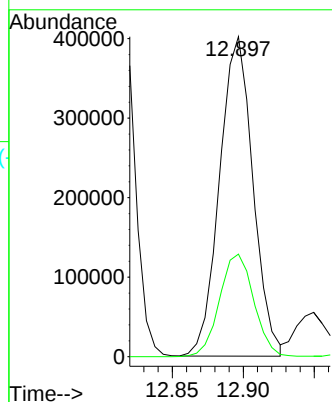
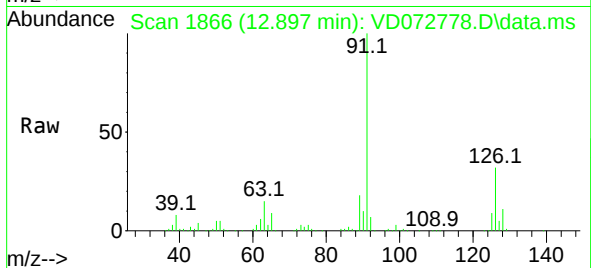
VSTDCCC050

Tgt Ion: 91 Resp: 657496

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 48.297 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072778.D

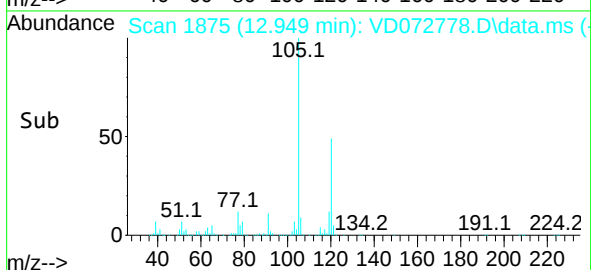
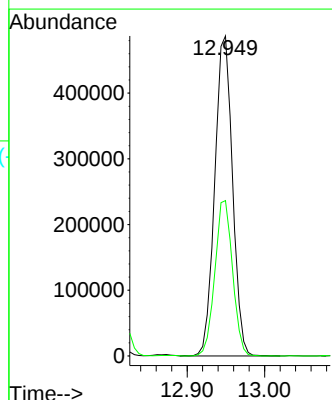
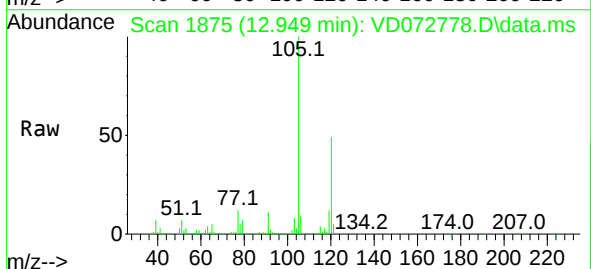
Acq: 04 May 2022 09:39

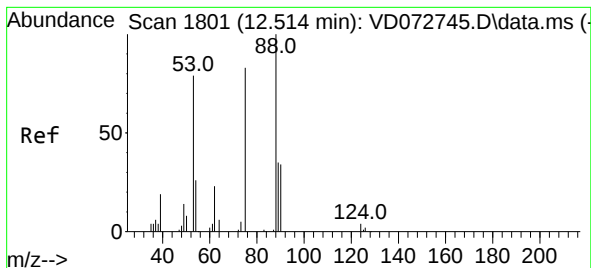
Tgt Ion: 105 Resp: 774968

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

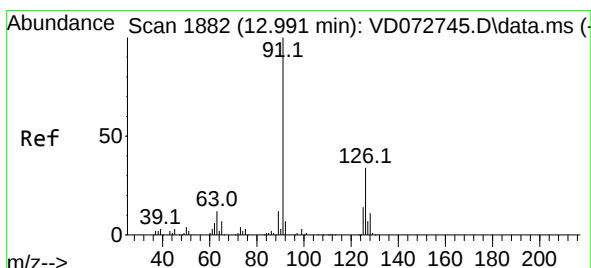
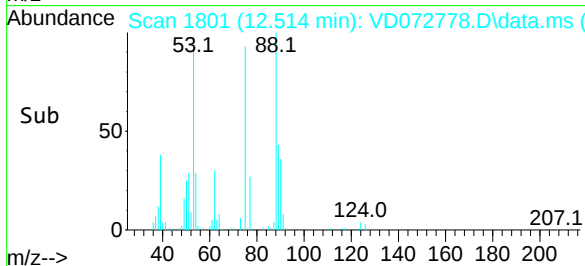
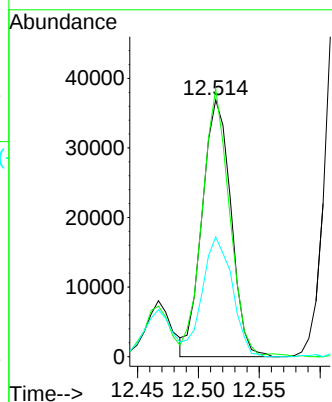
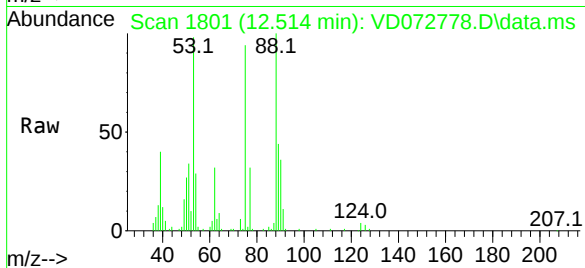




#81
trans-1,4-Dichloro-2-butene
Concen: 51.442 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

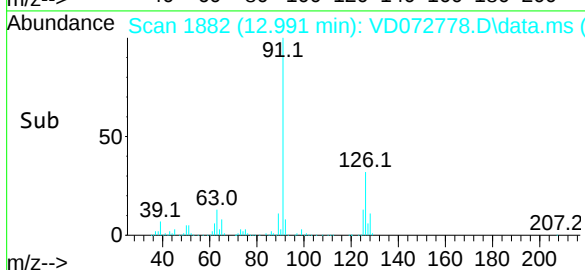
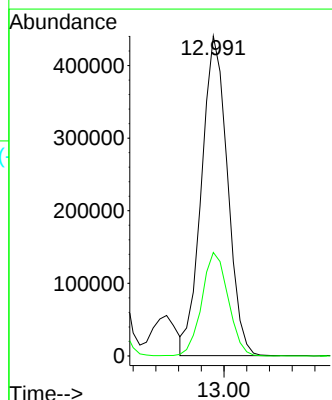
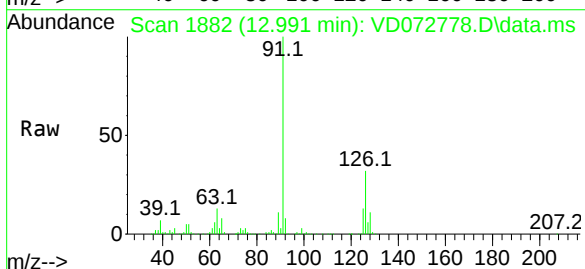
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

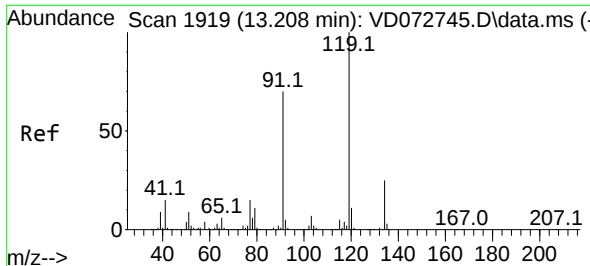
Tgt Ion: 75 Resp: 60670
Ion Ratio Lower Upper
75 100
53 96.8 86.5 129.7
89 48.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 47.975 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 91 Resp: 698365
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

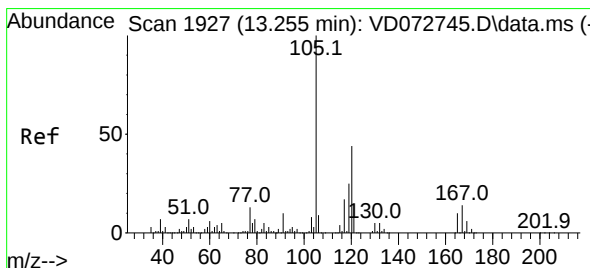
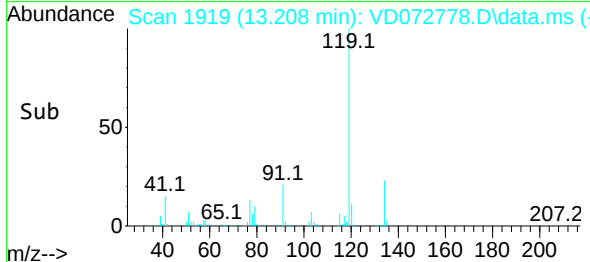
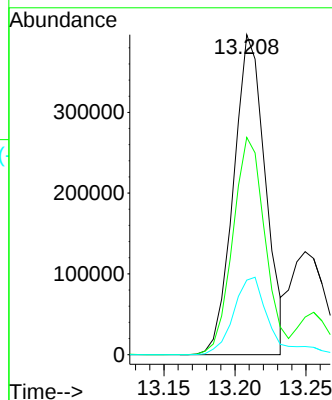
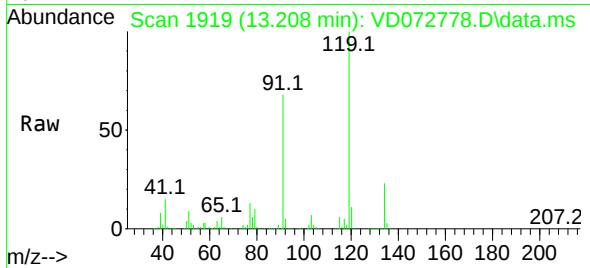




#83
 tert-Butylbenzene
 Concen: 45.300 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

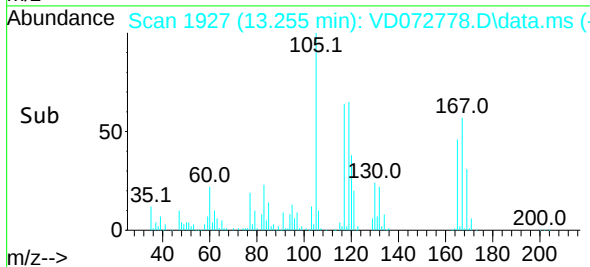
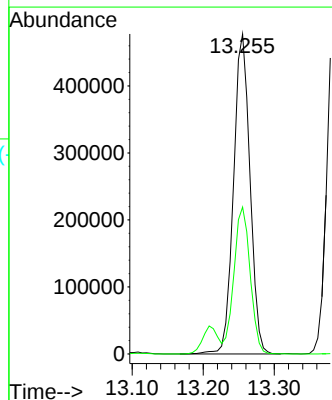
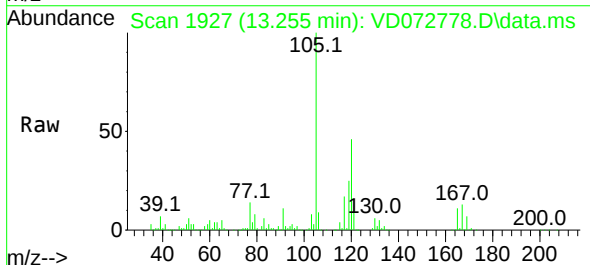
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

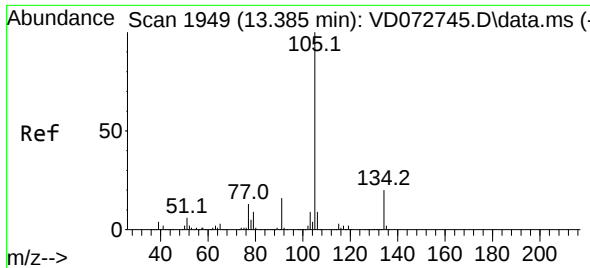
Tgt Ion:119 Resp: 617963
 Ion Ratio Lower Upper
 119 100
 91 69.0 34.8 104.5
 134 27.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.906 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion:105 Resp: 768359
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8

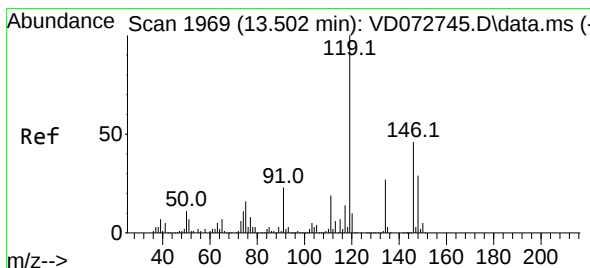
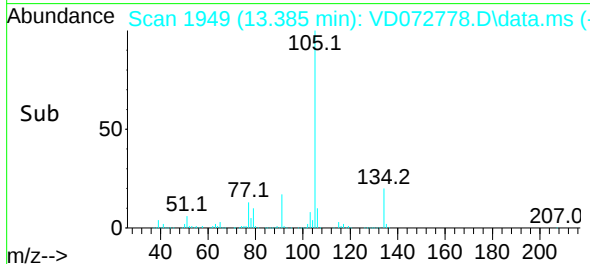
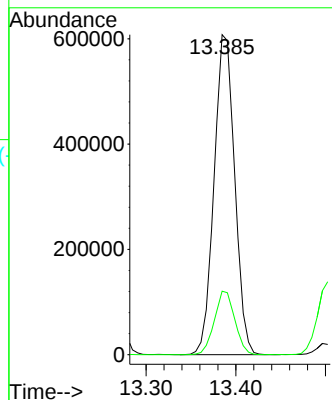
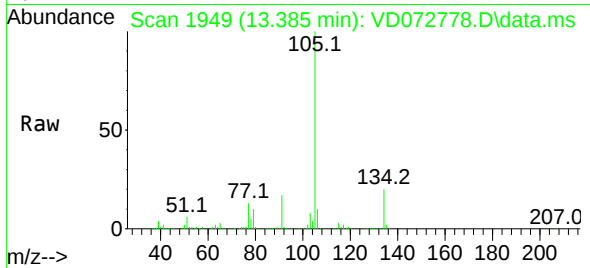




#85
 sec-Butylbenzene
 Concen: 47.145 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

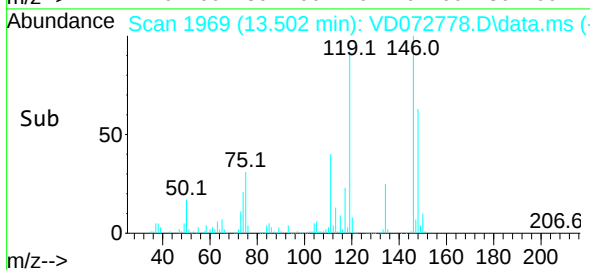
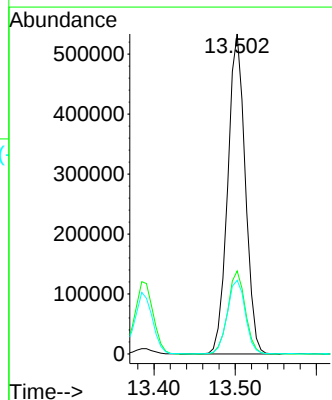
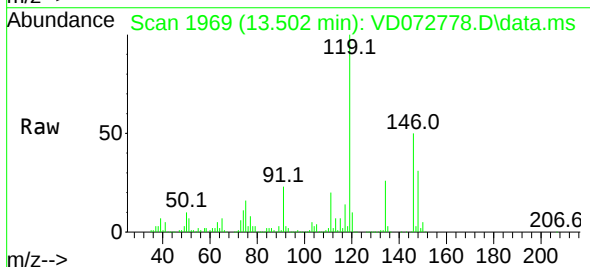
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

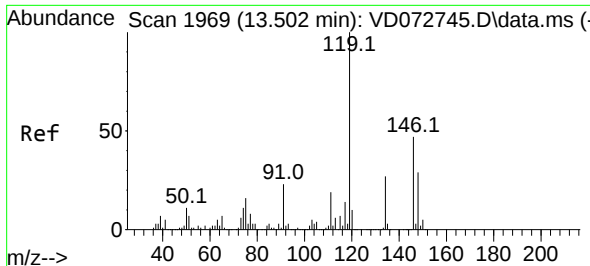
Tgt Ion:105 Resp: 970000
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.347 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion:119 Resp: 798699
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.7 12.1 36.3

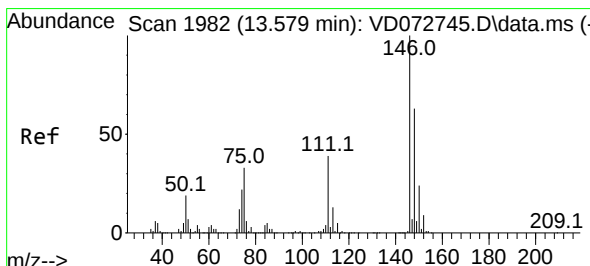
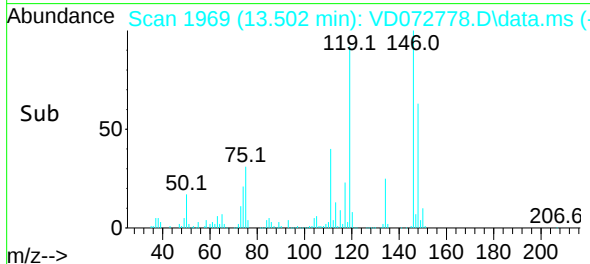
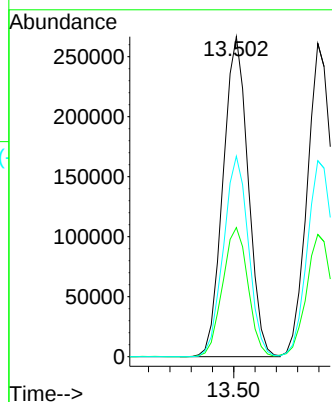
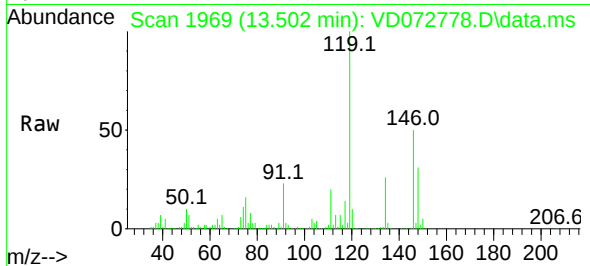




#87
1,3-Dichlorobenzene
Concen: 48.184 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

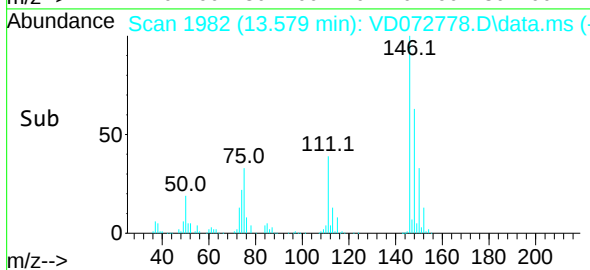
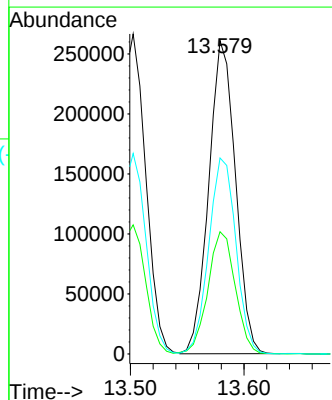
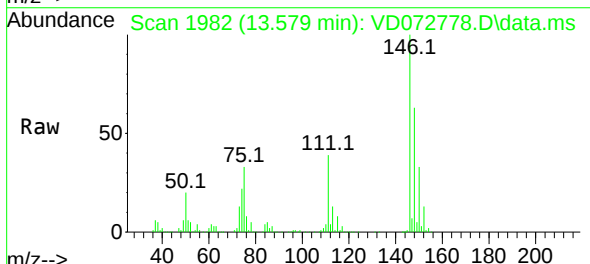
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

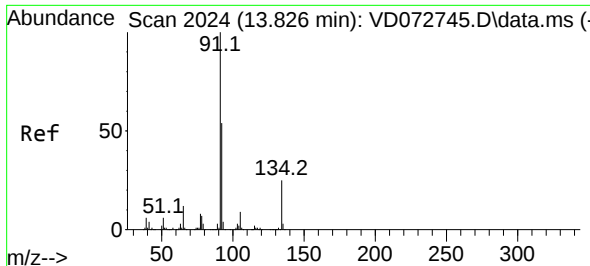
Tgt Ion:146 Resp: 436182
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 62.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.333 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:146 Resp: 426691
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 63.7 31.7 95.1

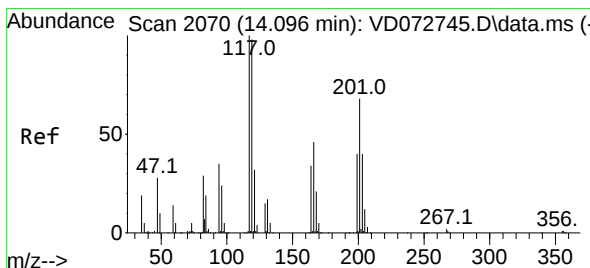
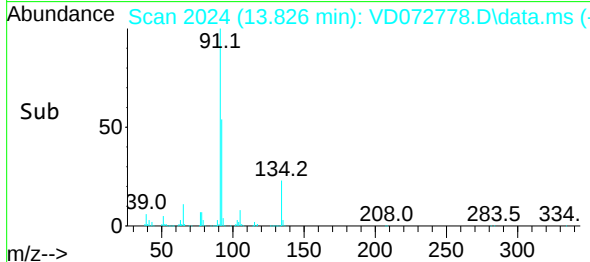
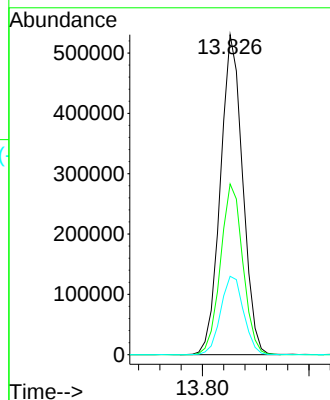
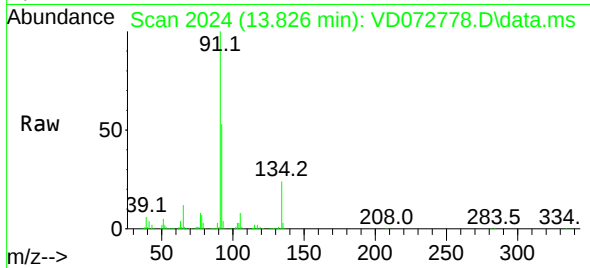




#89
n-Butylbenzene
Concen: 47.033 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

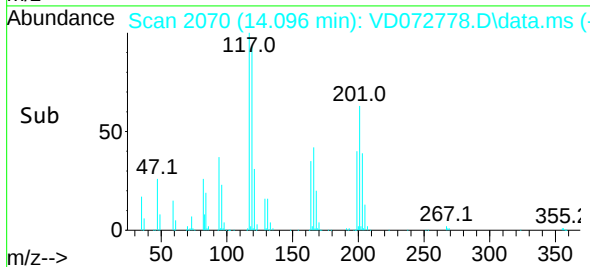
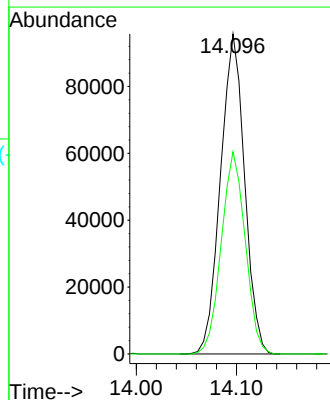
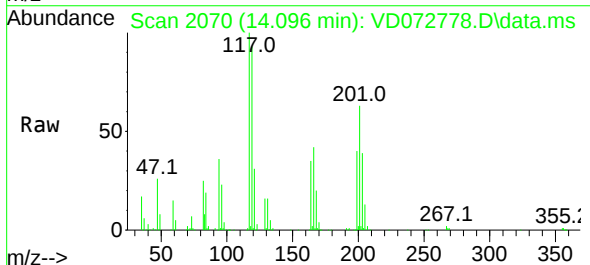
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

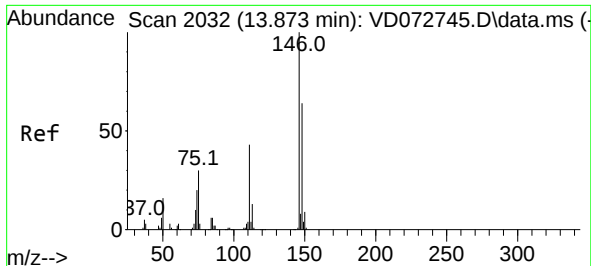
Tgt Ion: 91 Resp: 768582
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.3 12.3 36.9



#90
Hexachloroethane
Concen: 46.114 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 117 Resp: 159363
Ion Ratio Lower Upper
117 100
201 62.8 33.4 100.2

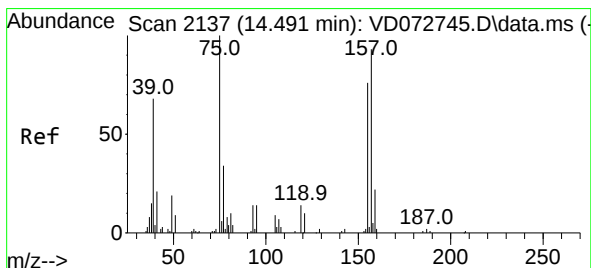
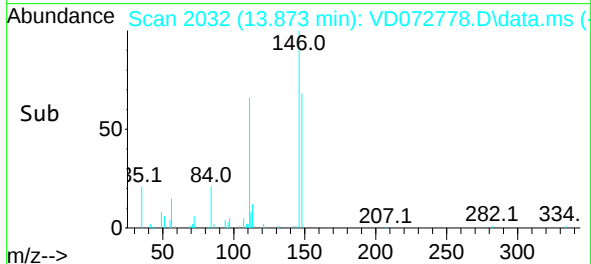
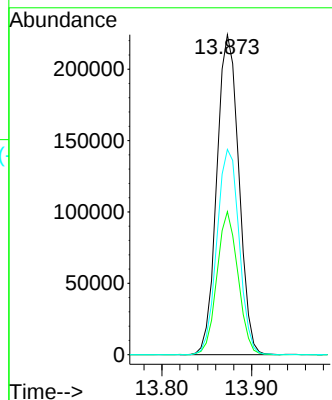
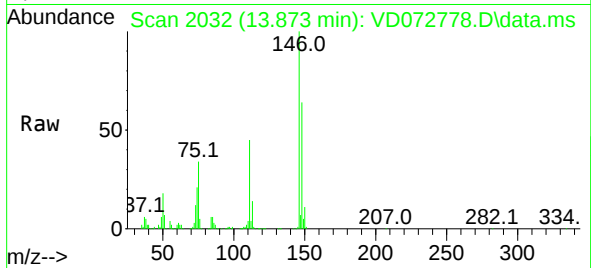




#91
1,2-Dichlorobenzene
Concen: 48.444 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

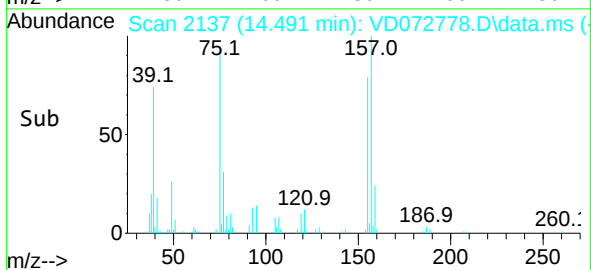
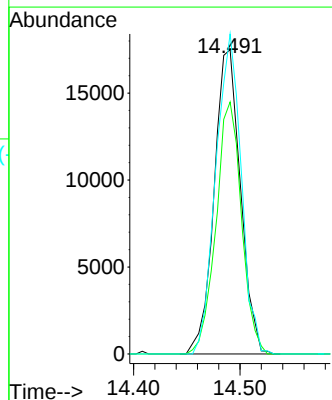
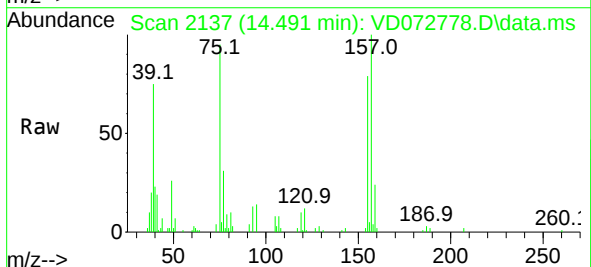
Instrument :
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ClientSampleId :
VSTDCCC050

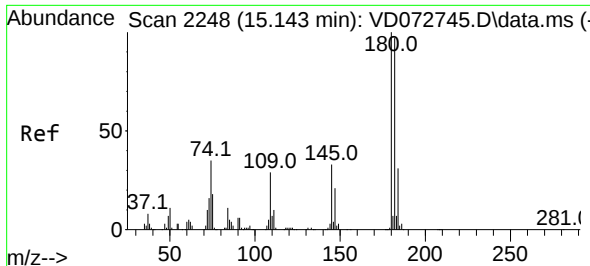
Tgt Ion:146 Resp: 382191
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 64.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.588 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
155 80.1 36.8 110.3
157 101.3 48.4 145.0

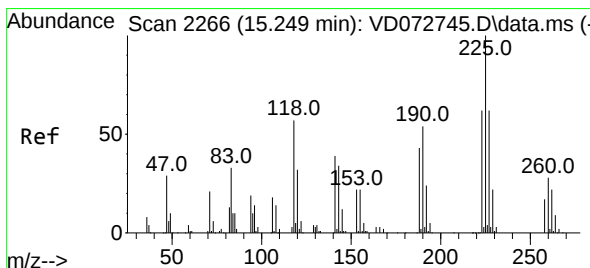
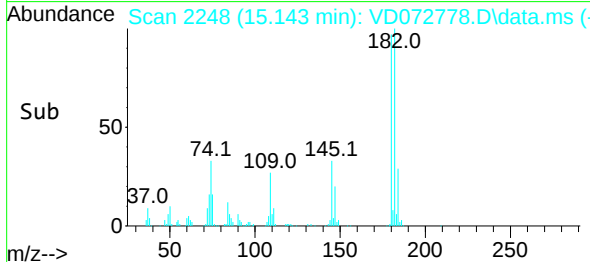
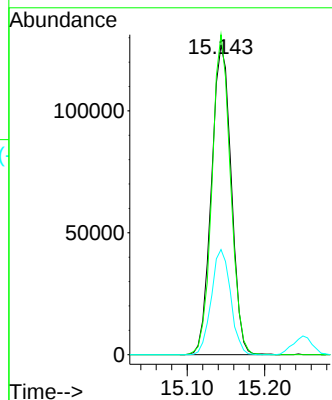
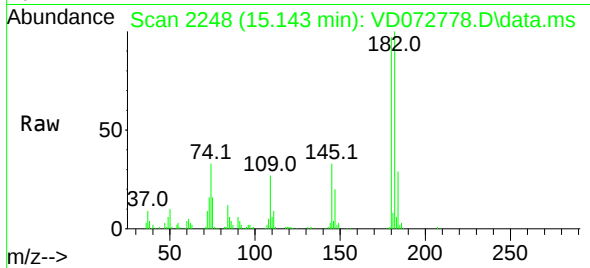




#93
 1,2,4-Trichlorobenzene
 Concen: 48.124 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

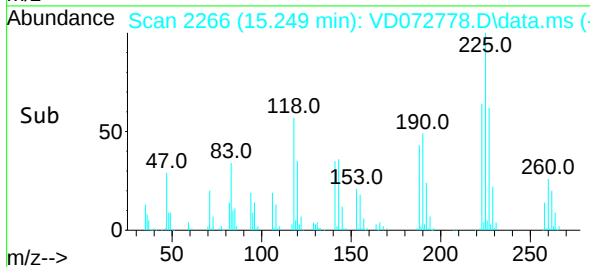
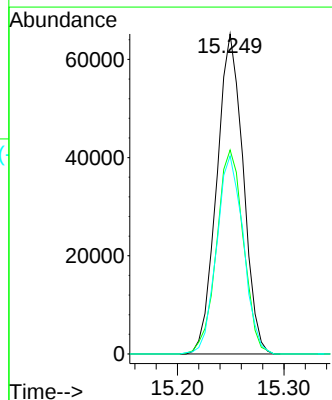
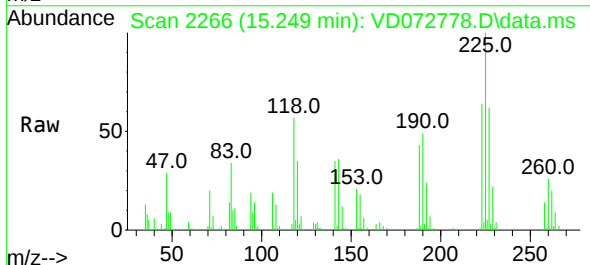
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

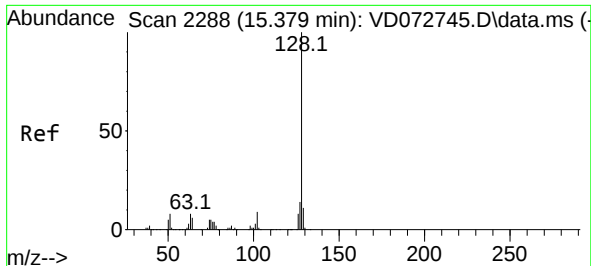
Tgt Ion:180 Resp: 224849
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 142.0
 145 33.1 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 43.947 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD072778.D
 Acq: 04 May 2022 09:39

Tgt Ion:225 Resp: 112139
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.1 93.2
 227 62.6 32.4 97.0

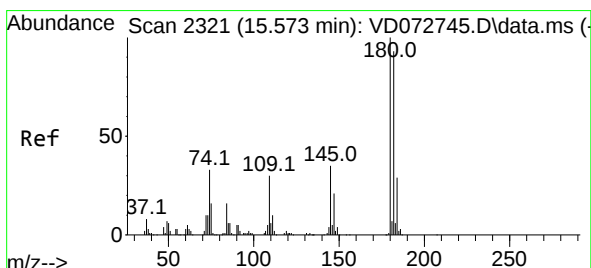
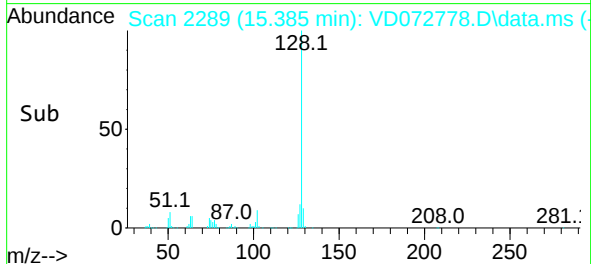
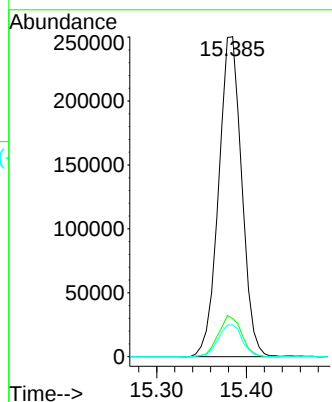
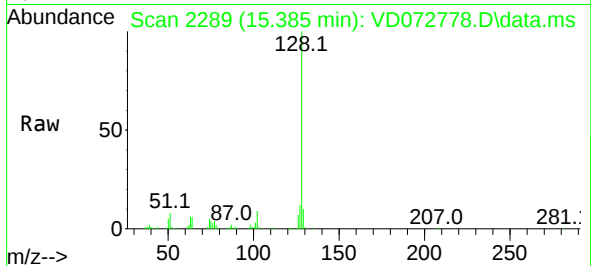




#95
Naphthalene
Concen: 52.049 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 447114
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 49.717 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD072778.D
Acq: 04 May 2022 09:39

Tgt Ion:180 Resp: 205915
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 35.2 17.1 51.3

