

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072180.D
 Acq On : 15 Mar 2022 10:36
 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: Mar 15 17:42:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	377004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	586792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	556767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	285418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210557	50.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.914	113	204408	49.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.000%	
50) Toluene-d8	10.332	98	748534	49.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.626	95	286108	48.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	174244	49.969	ug/l	99
3) Chloromethane	2.208	50	168292	54.312	ug/l	94
4) Vinyl Chloride	2.350	62	163735	54.742	ug/l	100
5) Bromomethane	2.767	94	111034	57.009	ug/l	97
6) Chloroethane	2.920	64	109643	55.444	ug/l	99
7) Trichlorofluoromethane	3.273	101	352538	52.192	ug/l	97
8) Diethyl Ether	3.708	74	94720	50.774	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	217557	50.513	ug/l	96
10) Methyl Iodide	4.297	142	178616	46.456	ug/l	100
11) Tert butyl alcohol	5.226	59	59308	243.457	ug/l	96
12) 1,1-Dichloroethene	4.067	96	182519	52.676	ug/l	92
13) Acrolein	3.926	56	49456	227.513	ug/l	99
14) Allyl chloride	4.714	41	314512	51.916	ug/l	94
15) Acrylonitrile	5.420	53	246255	261.611	ug/l	98
16) Acetone	4.150	43	233149	255.581	ug/l #	89
17) Carbon Disulfide	4.408	76	432176	53.375	ug/l	100
18) Methyl Acetate	4.720	43	108581	48.571	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	487606	51.775	ug/l	98
20) Methylene Chloride	4.961	84	233018	51.845	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	209621	54.697	ug/l	97
22) Diisopropyl ether	6.355	45	736909	53.329	ug/l	97
23) Vinyl Acetate	6.302	43	1989679	282.141	ug/l	96
24) 1,1-Dichloroethane	6.261	63	431895	52.998	ug/l	99
25) 2-Butanone	7.208	43	316827	260.487	ug/l	94
26) 2,2-Dichloropropane	7.208	77	373945	50.857	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	256522	52.428	ug/l	95
28) Bromochloromethane	7.543	49	177441	54.086	ug/l	86
29) Tetrahydrofuran	7.561	42	193985	271.234	ug/l	94
30) Chloroform	7.708	83	450762	51.921	ug/l	95
31) Cyclohexane	7.985	56	347616	52.956	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	397179	51.510	ug/l	97
36) 1,1-Dichloropropene	8.108	75	319466	55.148	ug/l	98
37) Ethyl Acetate	7.285	43	129616	51.080	ug/l #	95
38) Carbon Tetrachloride	8.091	117	349951	53.145	ug/l	98
39) Methylcyclohexane	9.355	83	369431	56.673	ug/l	97
40) Benzene	8.349	78	902185	54.591	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	80093	54.153	ug/l	# 90
42) 1,2-Dichloroethane	8.420	62	274675	54.789	ug/l	97
43) Isopropyl Acetate	8.449	43	267503	54.313	ug/l	95
44) Trichloroethene	9.108	130	244691	52.741	ug/l	98
45) 1,2-Dichloropropane	9.385	63	245044	54.065	ug/l	97
46) Dibromomethane	9.473	93	126133	56.574	ug/l	94
47) Bromodichloromethane	9.655	83	352849	54.288	ug/l	100
48) Methyl methacrylate	9.449	41	123556	52.538	ug/l	# 84
49) 1,4-Dioxane	9.455	88	28528	1067.040	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	712715	275.517	ug/l	96
52) Toluene	10.402	92	603083	55.457	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	321584	54.154	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	376168	54.797	ug/l	91
55) 1,1,2-Trichloroethane	10.796	97	180512	53.149	ug/l	98
56) Ethyl methacrylate	10.655	69	221739	55.740	ug/l	87
57) 1,3-Dichloropropane	10.937	76	312942	54.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	472081	263.930	ug/l	97
59) 2-Hexanone	10.979	43	516076	288.852	ug/l	97
60) Dibromochloromethane	11.132	129	235301	53.391	ug/l	98
61) 1,2-Dibromoethane	11.237	107	166169	54.145	ug/l	99
64) Tetrachloroethene	10.873	164	206696	52.690	ug/l	96
65) Chlorobenzene	11.661	112	638212	51.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	252550	51.741	ug/l	100
67) Ethyl Benzene	11.737	91	1172106	53.167	ug/l	98
68) m/p-Xylenes	11.843	106	906878	108.334	ug/l	99
69) o-Xylene	12.173	106	432151	53.971	ug/l	96
70) Styrene	12.184	104	756634	54.114	ug/l	97
71) Bromoform	12.355	173	133986	51.388	ug/l	# 99
73) Isopropylbenzene	12.473	105	1183324	52.318	ug/l	100
74) N-amyl acetate	12.279	43	263876	54.289	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	204844	50.639	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	264487	84.006	ug/l	# 100
77) Bromobenzene	12.749	156	269774	52.993	ug/l	93
78) n-propylbenzene	12.814	91	1452350	52.865	ug/l	98
79) 2-Chlorotoluene	12.896	91	826605	52.033	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1010111	51.984	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	65094	51.297	ug/l	92
82) 4-Chlorotoluene	12.996	91	863454	52.493	ug/l	99
83) tert-Butylbenzene	13.214	119	877323	51.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	993445	51.888	ug/l	100
85) sec-Butylbenzene	13.390	105	1327901	51.906	ug/l	99
86) p-Isopropyltoluene	13.508	119	1092170	51.881	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	550010	51.552	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	542960	51.321	ug/l	99
89) n-Butylbenzene	13.831	91	1051518	52.404	ug/l	99
90) Hexachloroethane	14.096	117	207147	50.206	ug/l	94
91) 1,2-Dichlorobenzene	13.878	146	481592	51.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	31866	49.360	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	309884	50.318	ug/l	99
94) Hexachlorobutadiene	15.249	225	178067	49.706	ug/l	97
95) Naphthalene	15.384	128	546064	51.438	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	270891	50.817	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

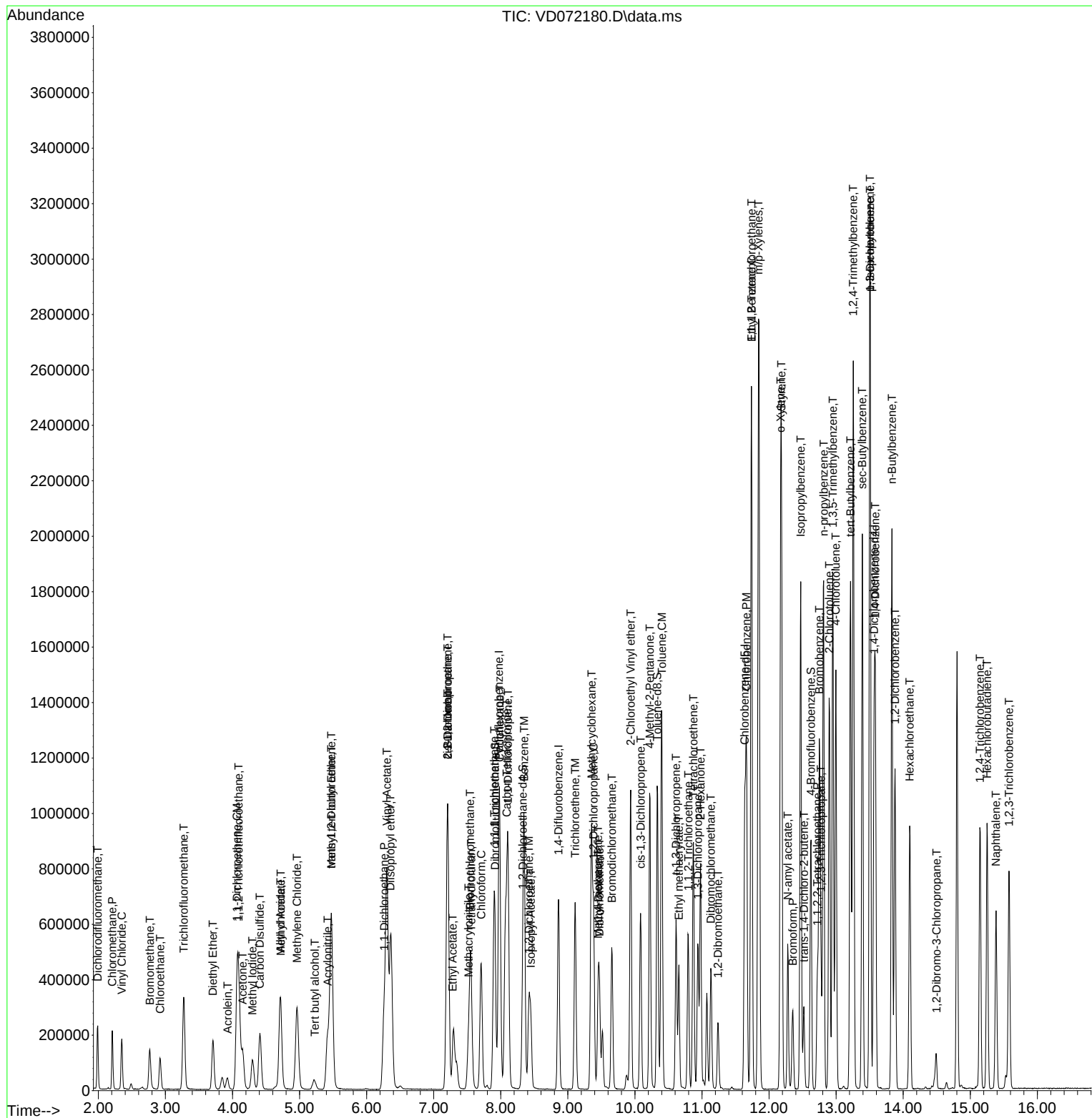
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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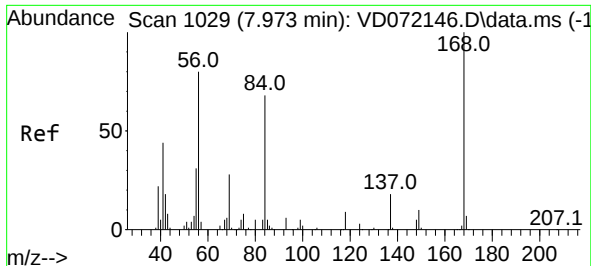
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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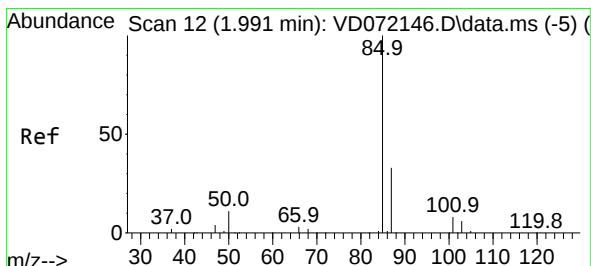
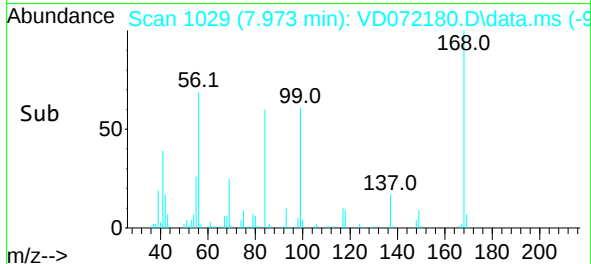
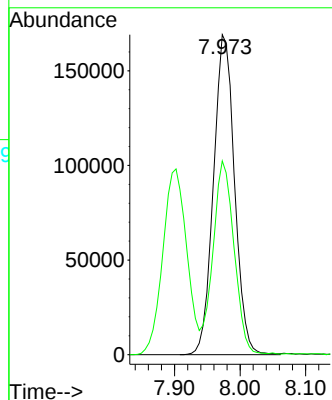
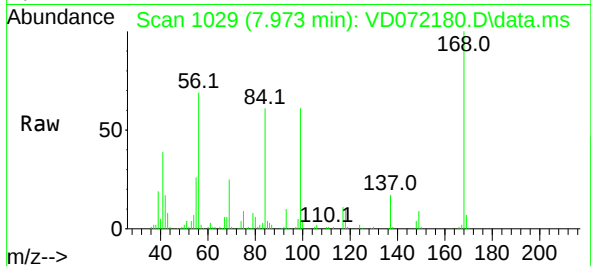




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
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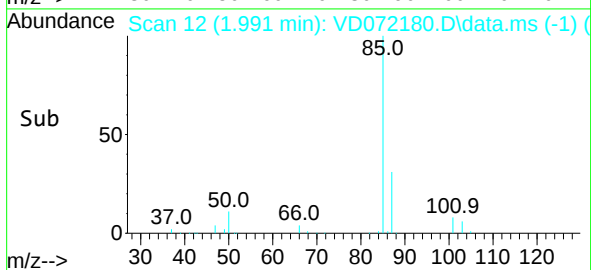
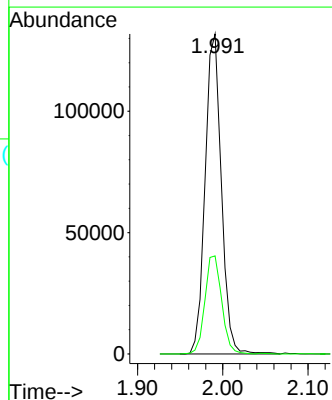
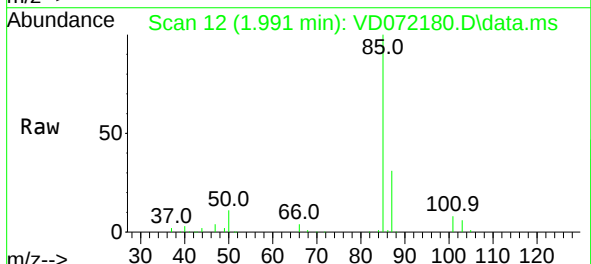
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

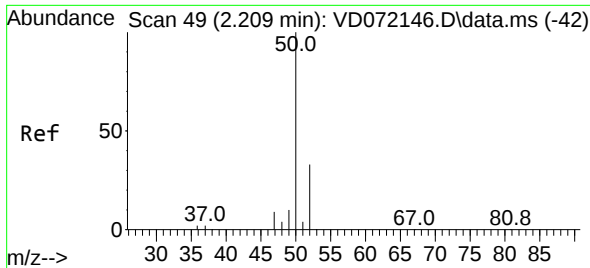
Tgt Ion:168 Resp: 377004
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.969 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 85 Resp: 174244
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

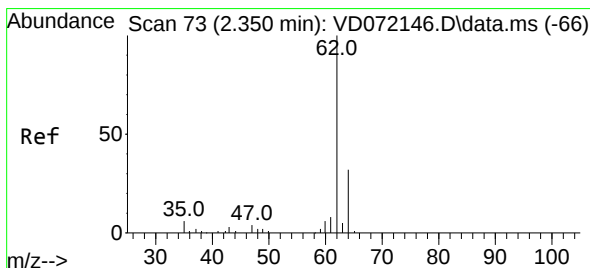
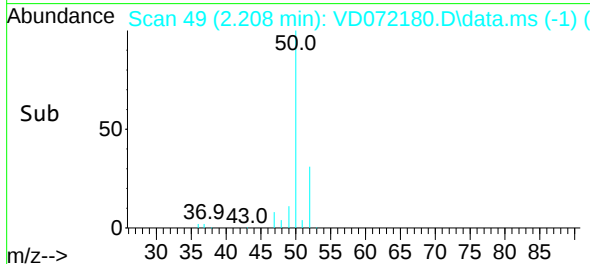
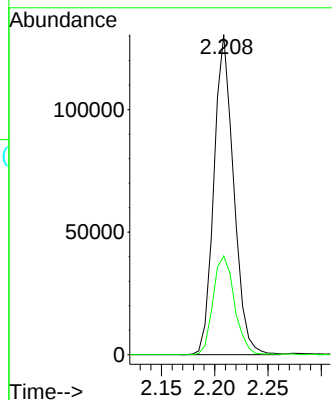
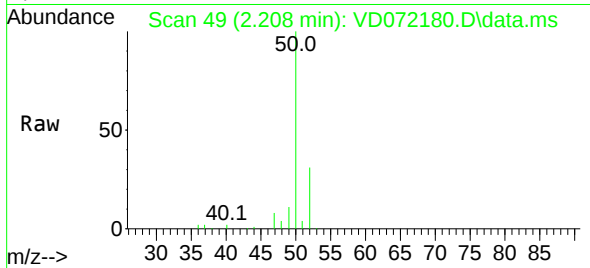




#3
Chloromethane
Concen: 54.312 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

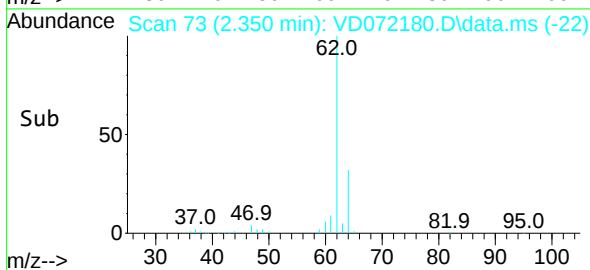
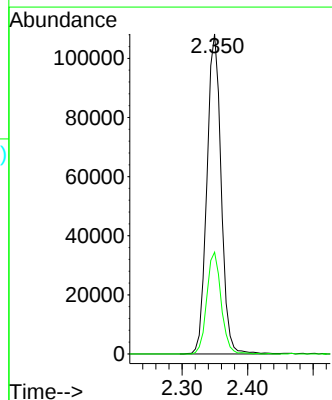
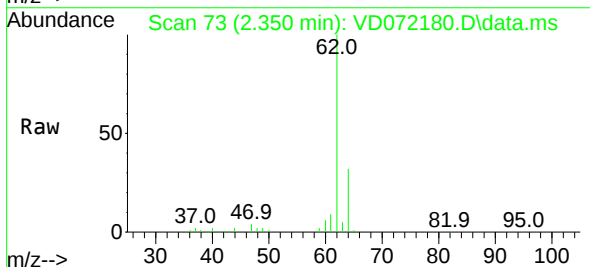
Instrument :
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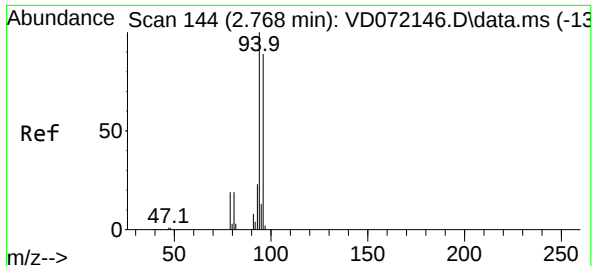
Tgt Ion: 50 Resp: 168292
Ion Ratio Lower Upper
50 100
52 30.9 27.4 41.0



#4
Vinyl Chloride
Concen: 54.742 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 62 Resp: 163735
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

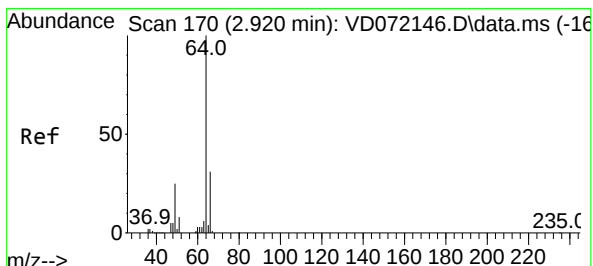
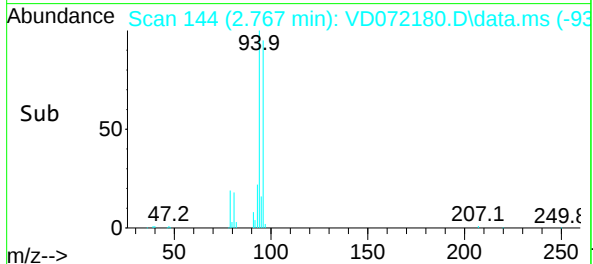
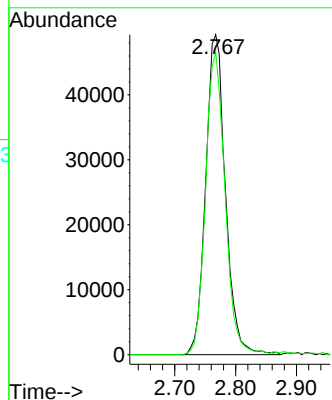
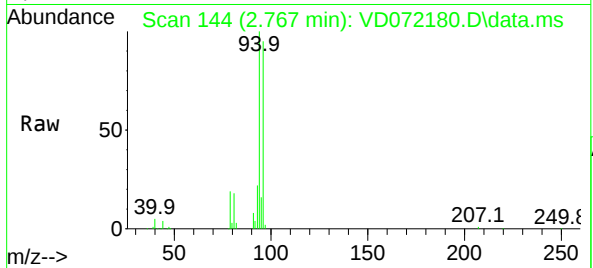




#5
Bromomethane
Concen: 57.009 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072180.D
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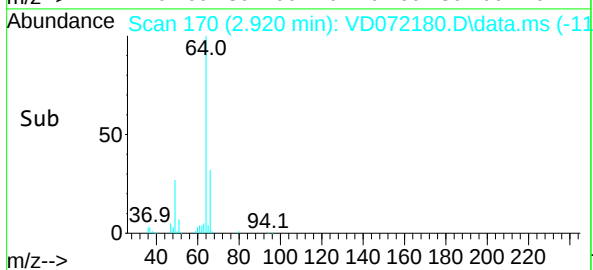
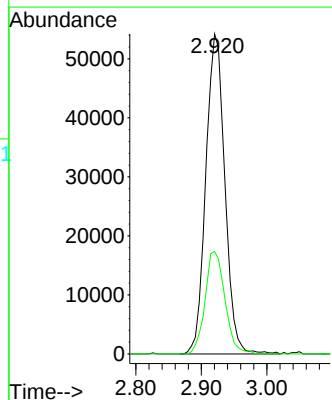
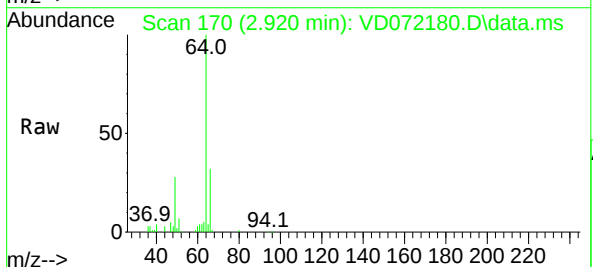
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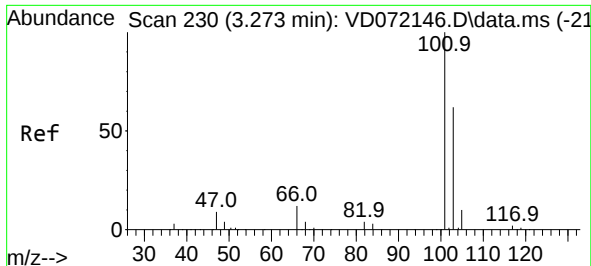
Tgt Ion: 94 Resp: 111034
Ion Ratio Lower Upper
94 100
96 94.5 77.6 116.4



#6
Chloroethane
Concen: 55.444 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072180.D
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Tgt Ion: 64 Resp: 109643
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9

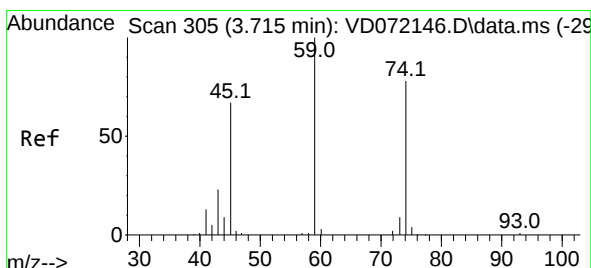
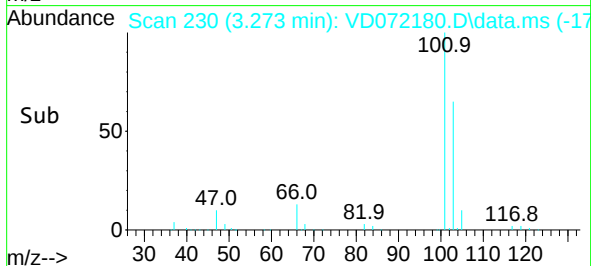
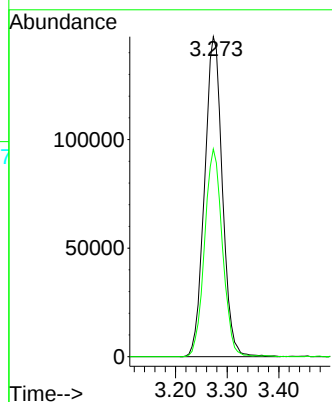
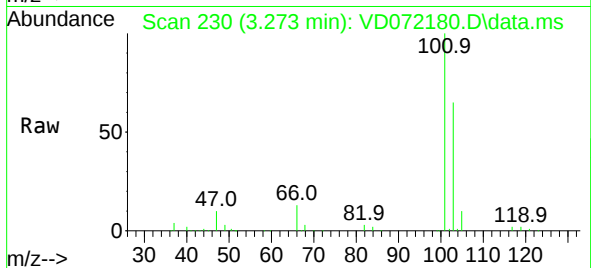




#7
Trichlorofluoromethane
Concen: 52.192 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

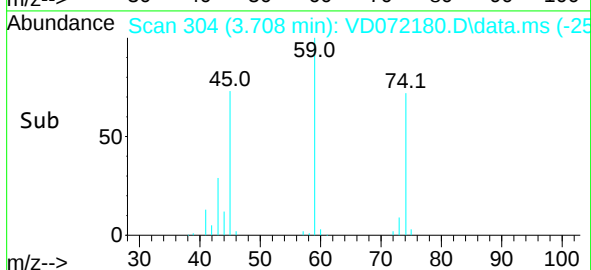
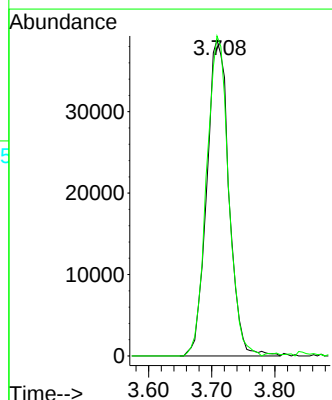
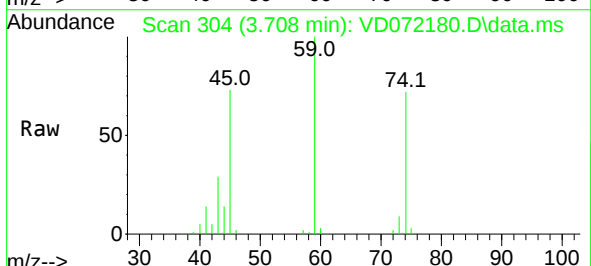
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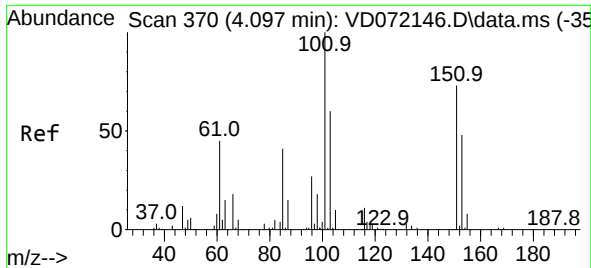
Tgt Ion:101 Resp: 352538
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1



#8
Diethyl Ether
Concen: 50.774 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072180.D
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Tgt Ion: 74 Resp: 94720
Ion Ratio Lower Upper
74 100
45 100.3 52.6 157.8

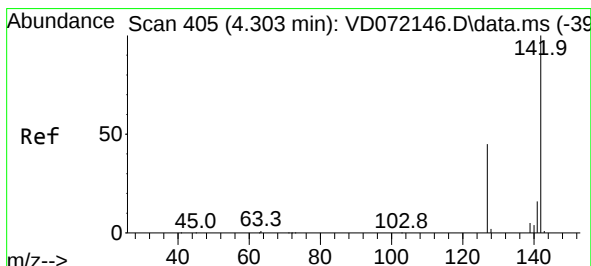
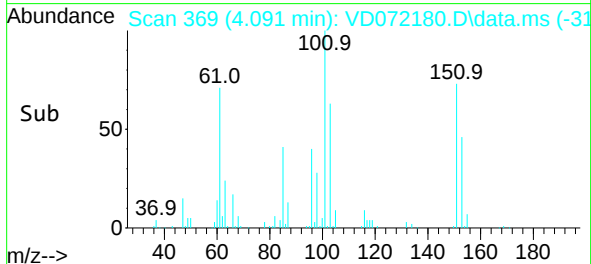
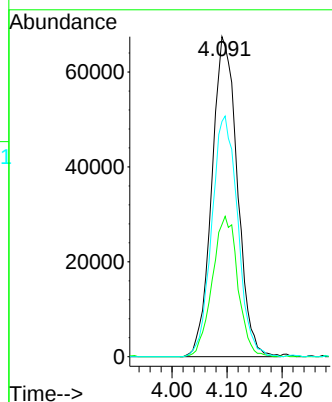
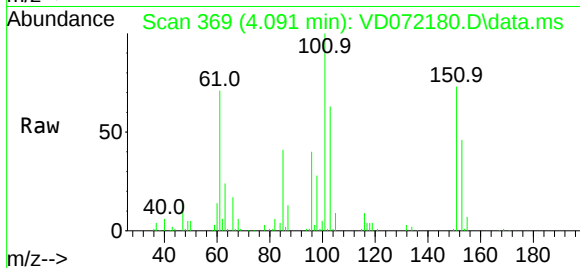




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.513 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

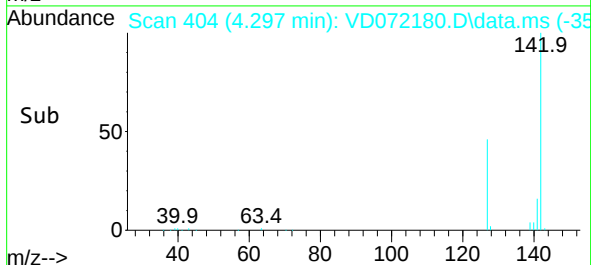
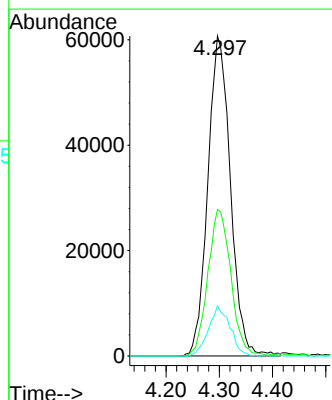
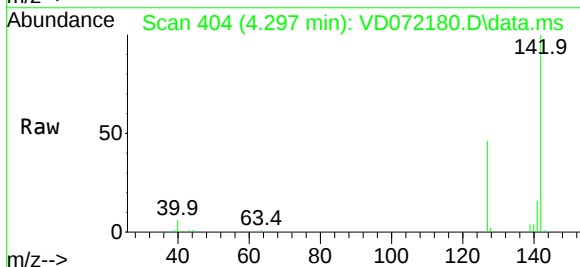
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

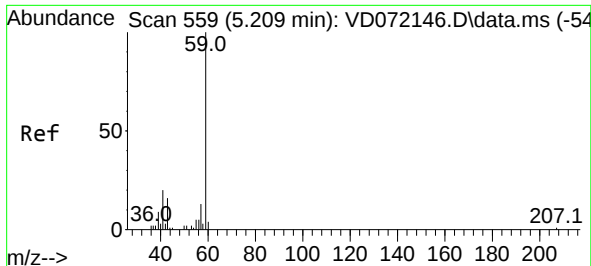
Tgt Ion:101 Resp: 217557
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 76.3 57.3 85.9



#10
Methyl Iodide
Concen: 46.456 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:142 Resp: 178616
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 243.457 ug/l

RT: 5.226 min Scan# 5

Delta R.T. 0.017 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

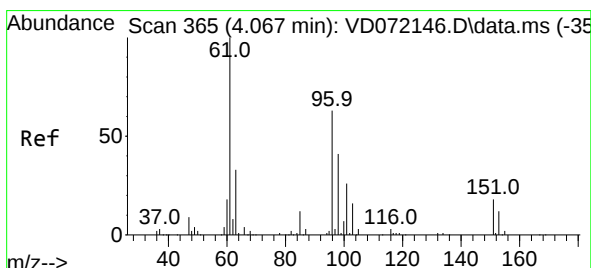
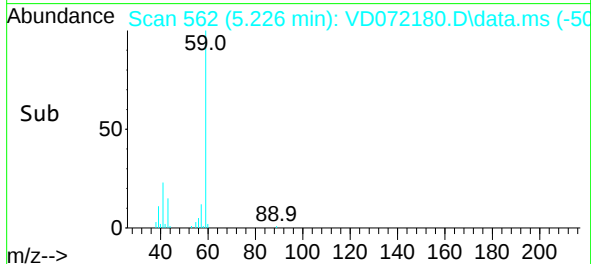
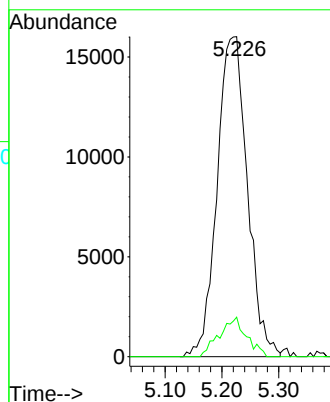
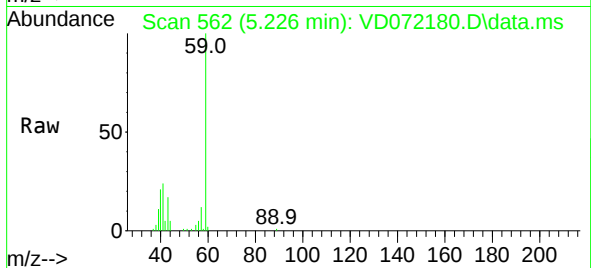
VSTDCCC050

Tgt Ion: 59 Resp: 59308

Ion Ratio Lower Upper

59 100

57 11.0 7.8 11.6



#12

1,1-Dichloroethene

Concen: 52.676 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

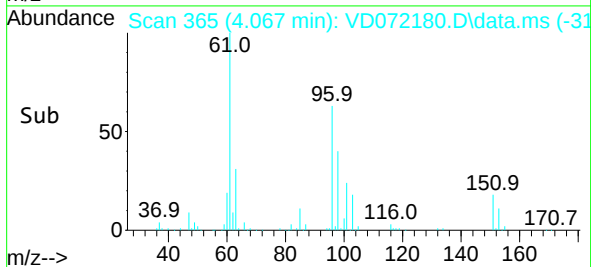
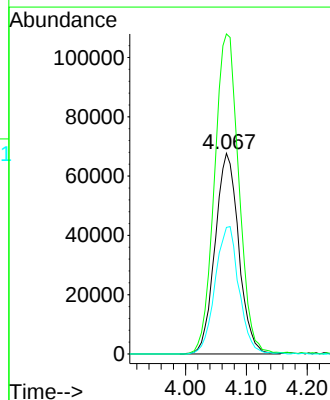
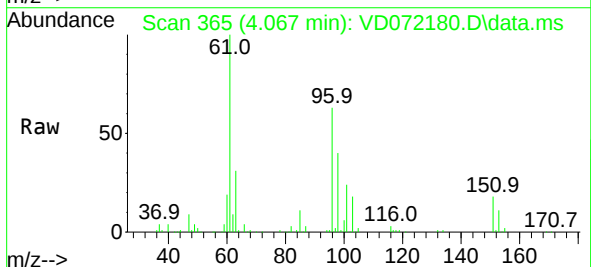
Tgt Ion: 96 Resp: 182519

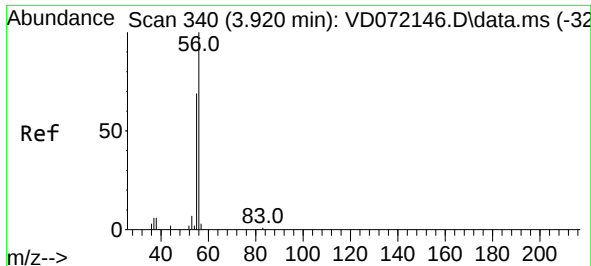
Ion Ratio Lower Upper

96 100

61 159.5 138.5 207.7

98 63.1 48.6 73.0





#13

Acrolein

Concen: 227.513 ug/l

RT: 3.926 min Scan# 340

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

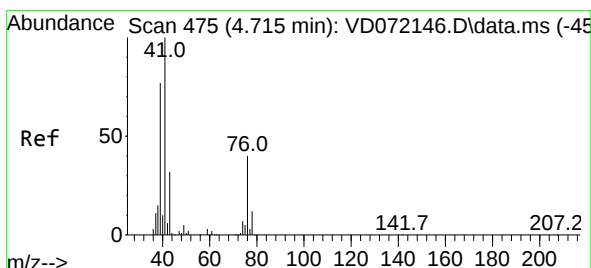
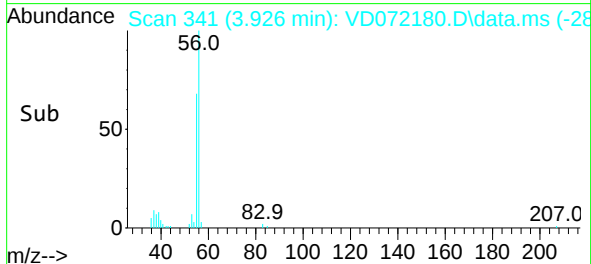
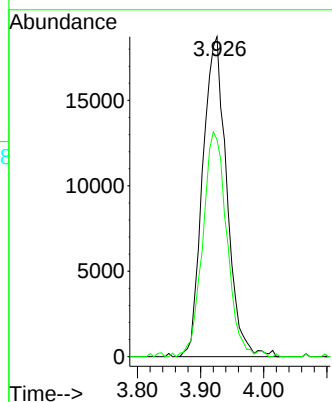
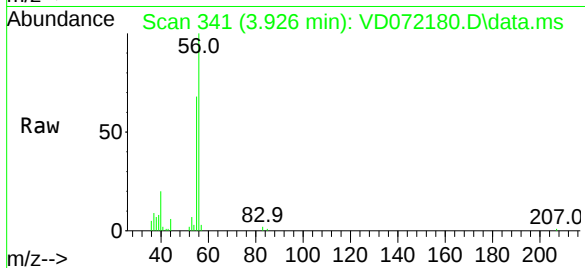
VSTDCCC050

Tgt Ion: 56 Resp: 49456

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



#14

Allyl chloride

Concen: 51.916 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

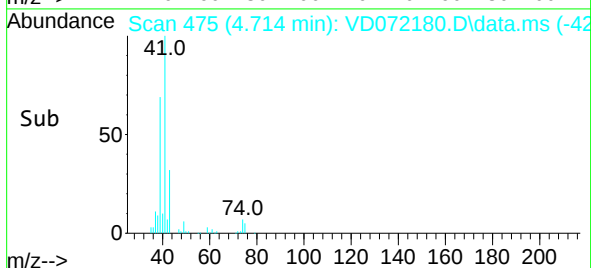
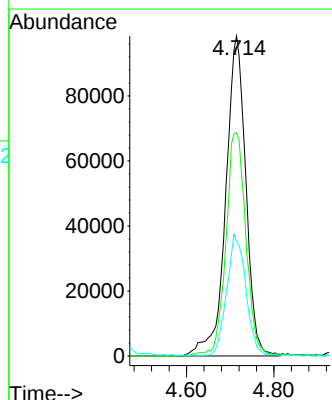
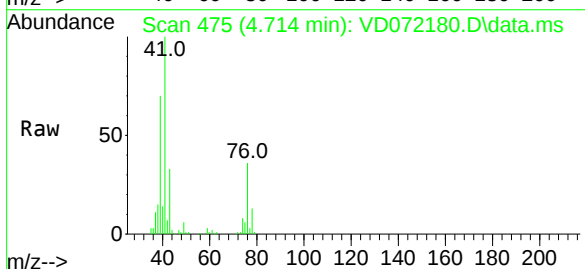
Tgt Ion: 41 Resp: 314512

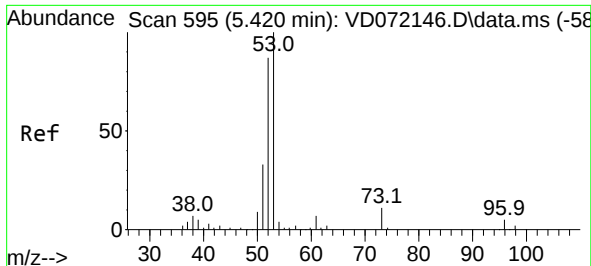
Ion Ratio Lower Upper

41 100

39 69.5 59.3 88.9

76 36.4 25.7 38.5

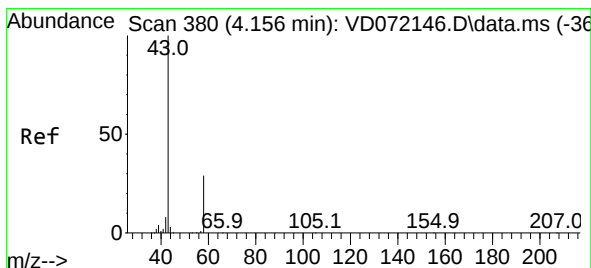
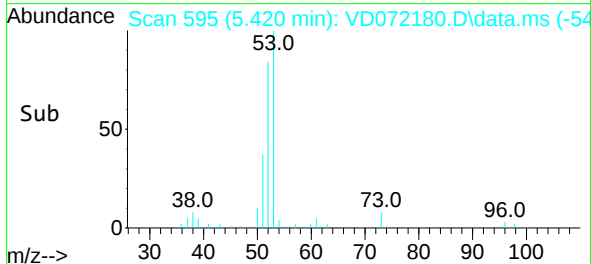
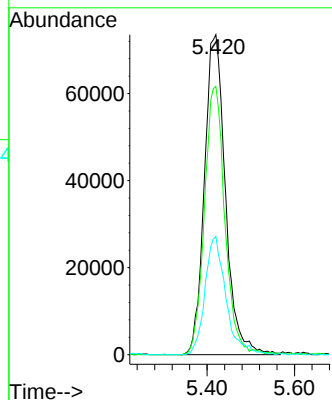
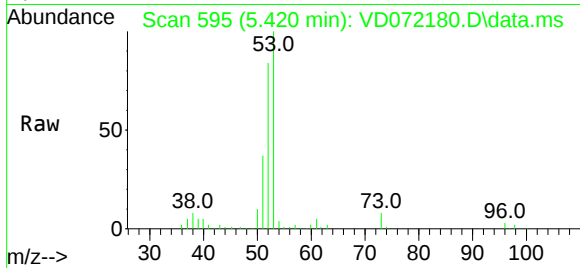




#15
Acrylonitrile
Concen: 261.611 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

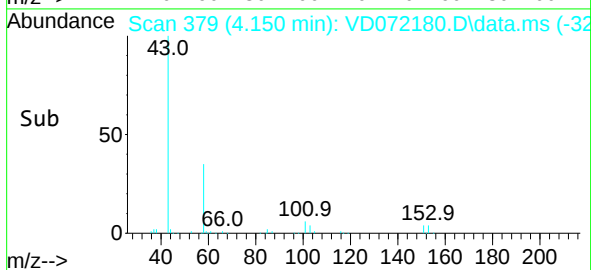
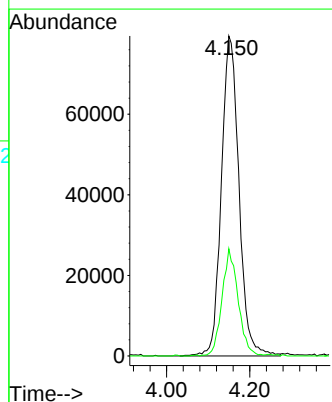
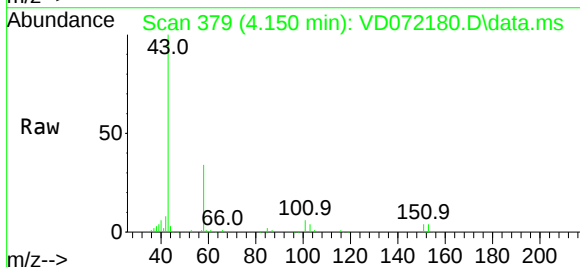
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

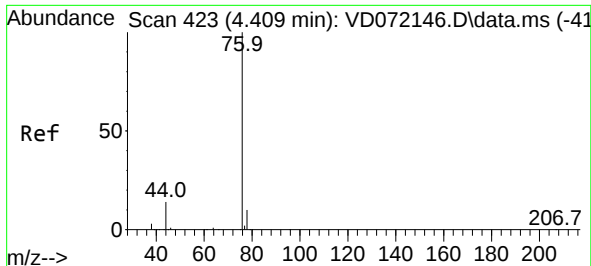
Tgt Ion: 53 Resp: 246255
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 36.8 30.3 45.5



#16
Acetone
Concen: 255.581 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 43 Resp: 233149
Ion Ratio Lower Upper
43 100
58 33.5 22.1 33.1#

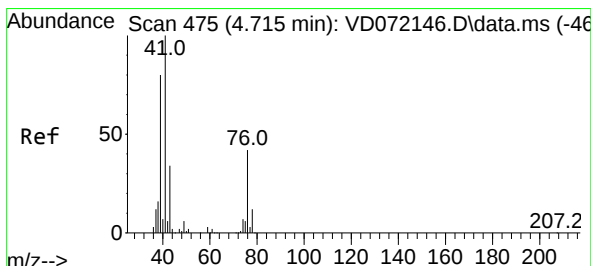
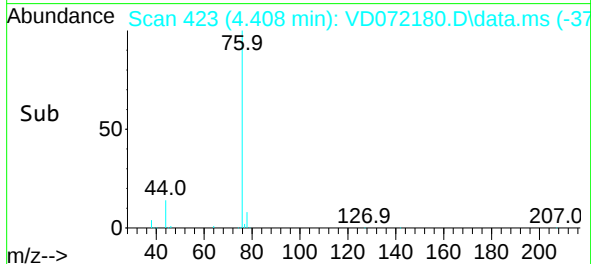
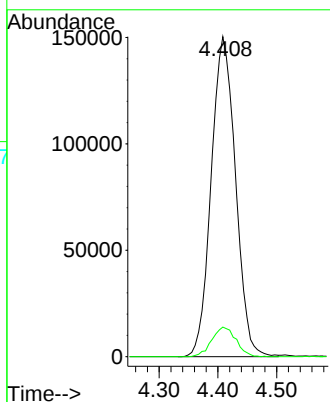
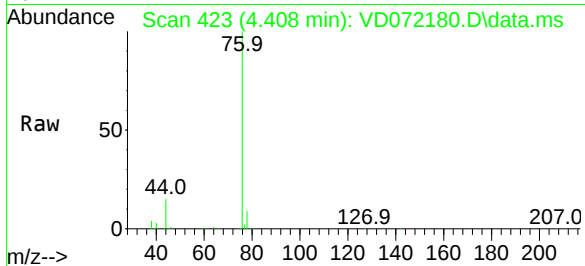




#17
Carbon Disulfide
Concen: 53.375 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

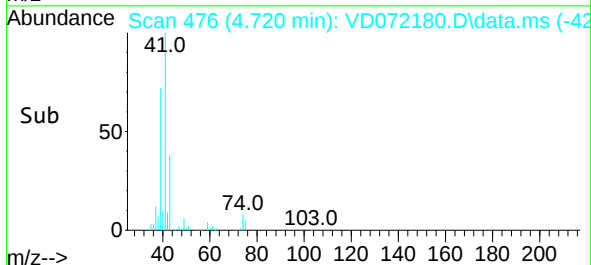
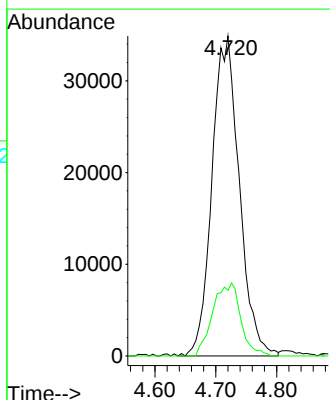
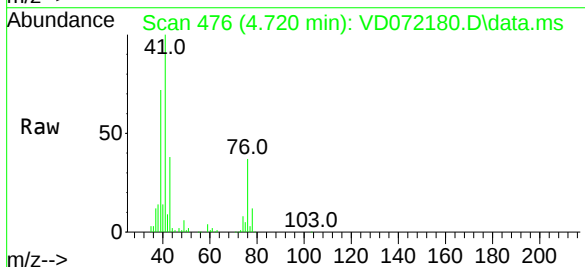
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

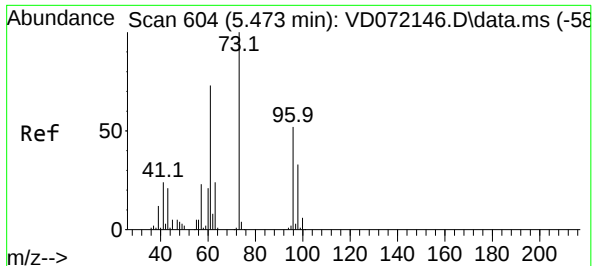
Tgt Ion: 76 Resp: 432176
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 48.571 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 43 Resp: 108581
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

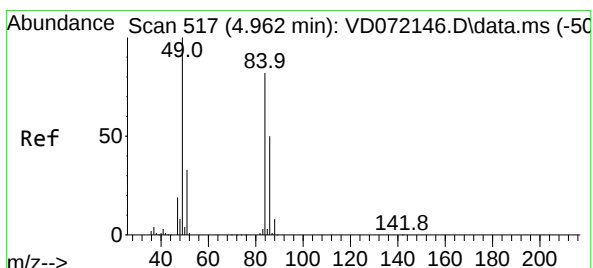
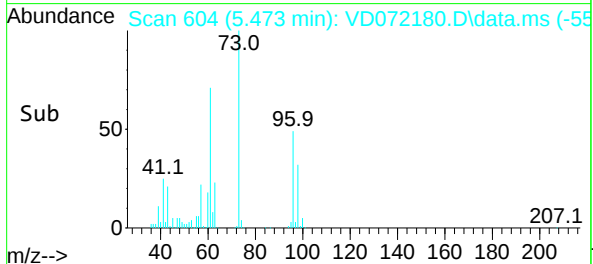
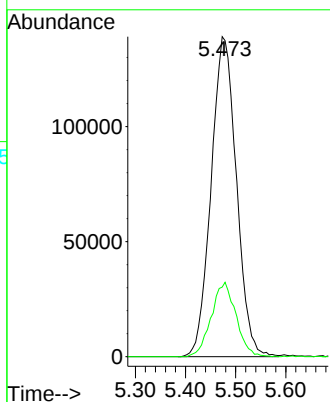
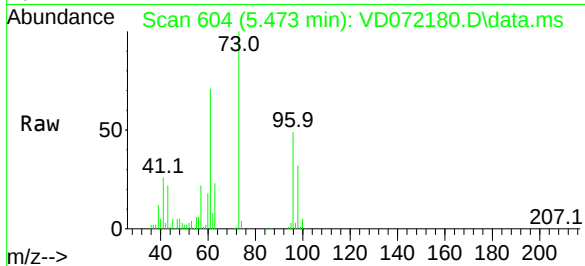




#19
Methyl tert-butyl Ether
Concen: 51.775 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

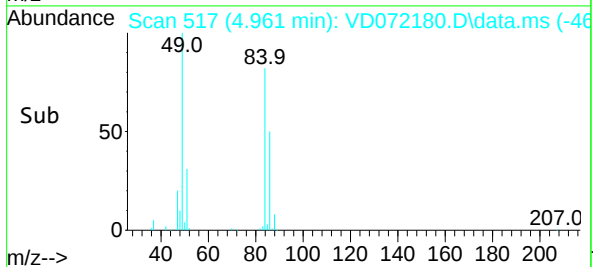
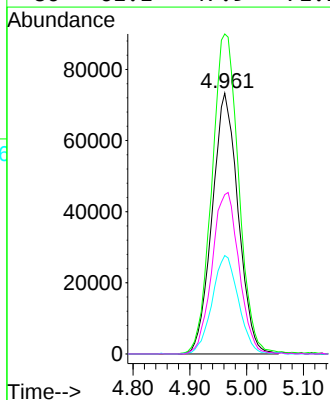
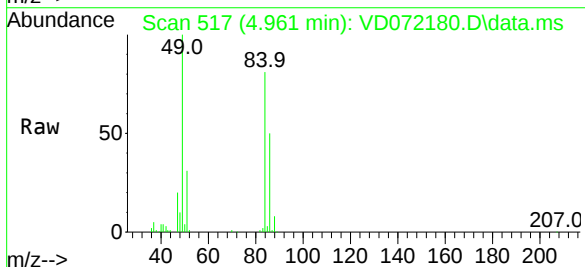
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

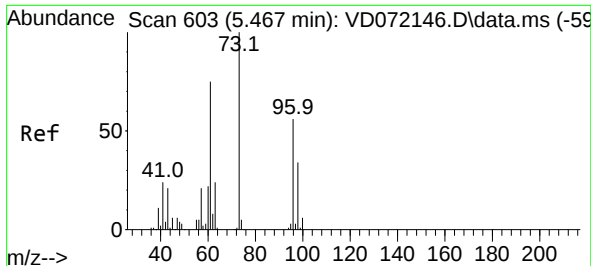
Tgt Ion: 73 Resp: 487606
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 51.845 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 84 Resp: 233018
Ion Ratio Lower Upper
84 100
49 122.7 112.8 169.2
51 37.7 32.6 48.8
86 61.1 47.9 71.9

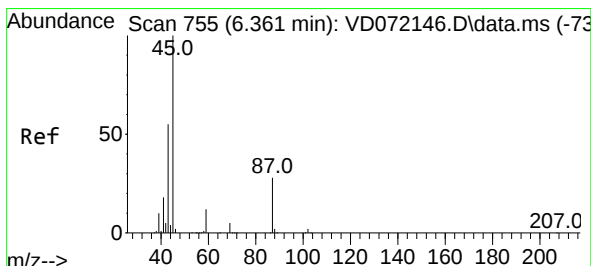
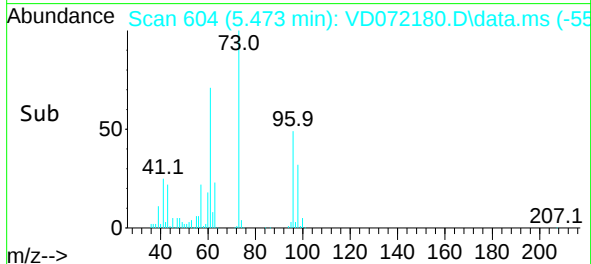
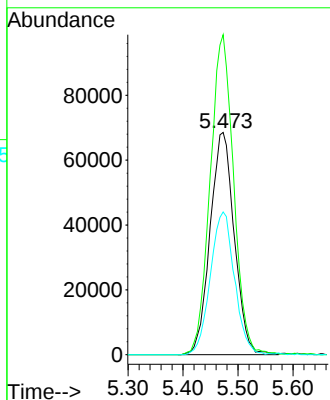
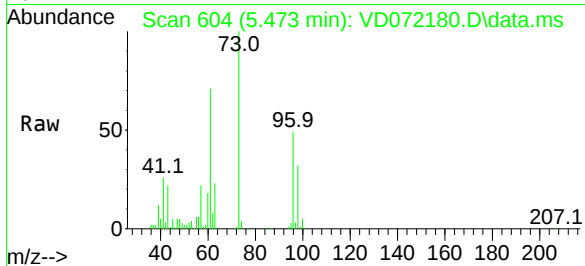




#21
trans-1,2-Dichloroethene
Concen: 54.697 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

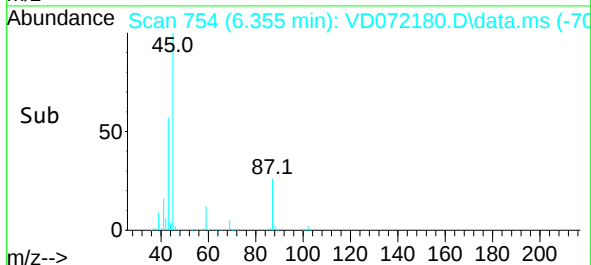
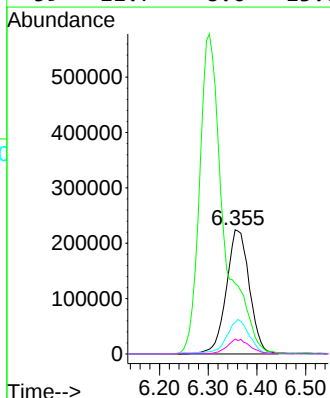
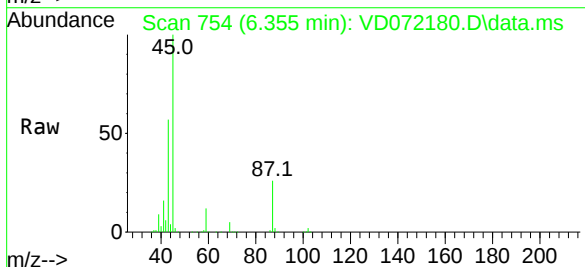
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

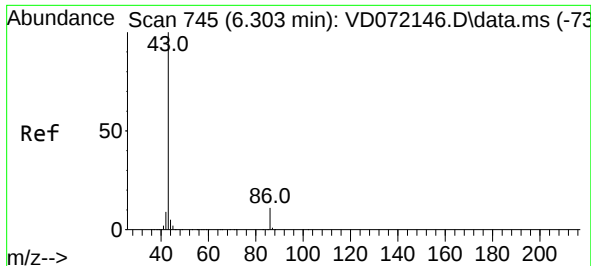
Tgt Ion: 96 Resp: 209621
Ion Ratio Lower Upper
96 100
61 144.0 117.9 176.9
98 64.2 49.4 74.2



#22
Diisopropyl ether
Concen: 53.329 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 45 Resp: 736909
Ion Ratio Lower Upper
45 100
43 56.0 46.6 70.0
87 25.3 18.4 27.6
59 11.7 8.6 13.0

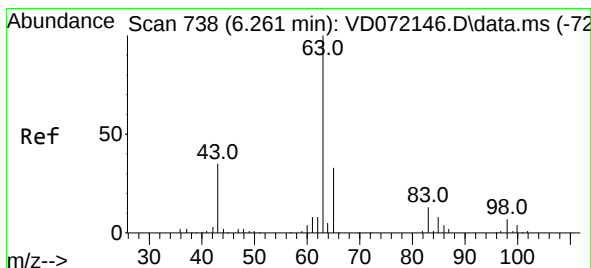
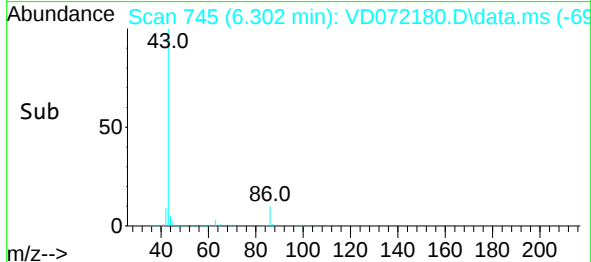
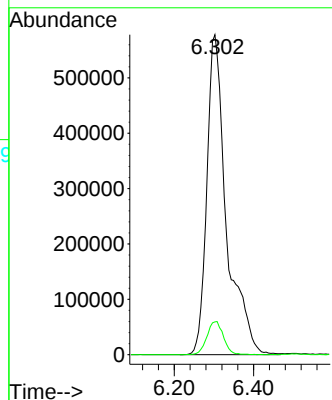
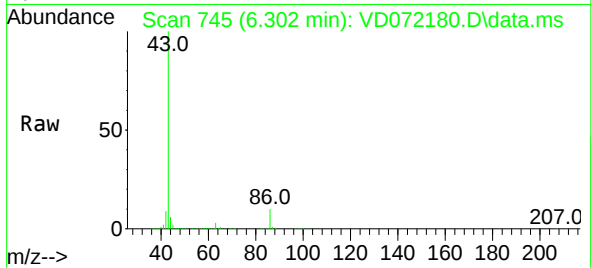




#23
 Vinyl Acetate
 Concen: 282.141 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

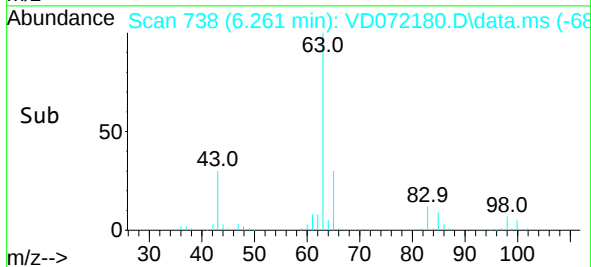
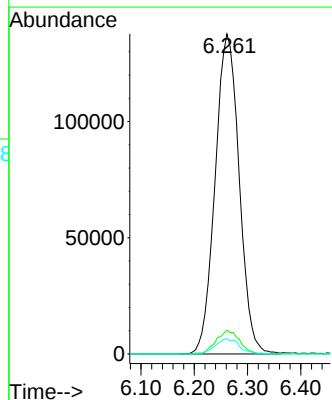
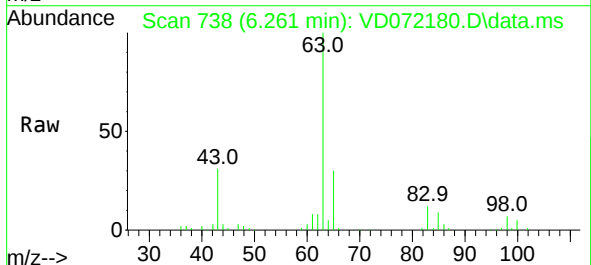
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

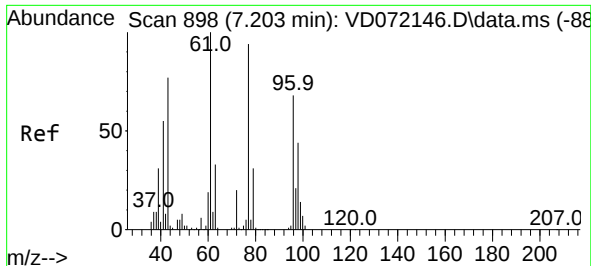
Tgt Ion: 43 Resp: 1989679
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.998 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

Tgt Ion: 63 Resp: 431895
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.1 6.5

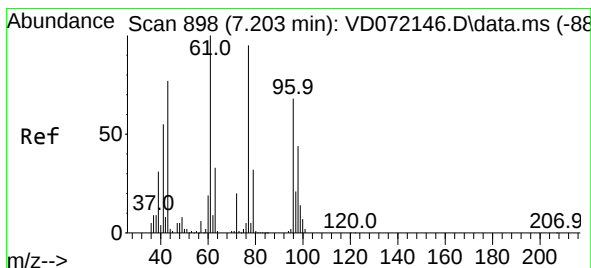
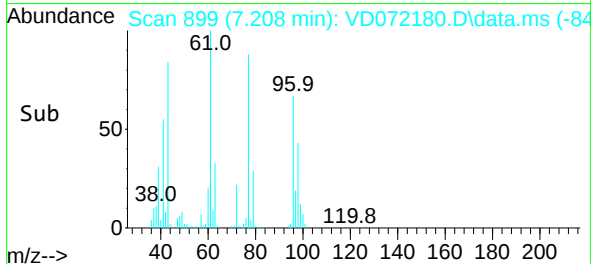
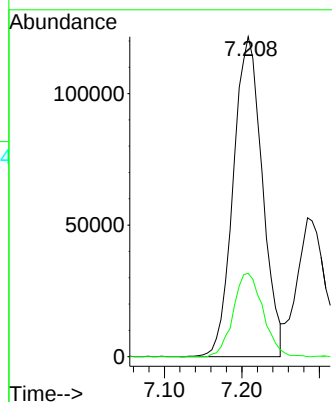
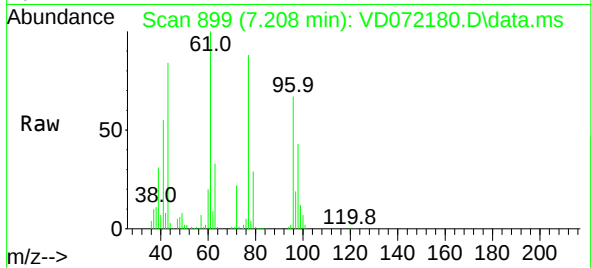




#25
2-Butanone
Concen: 260.487 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

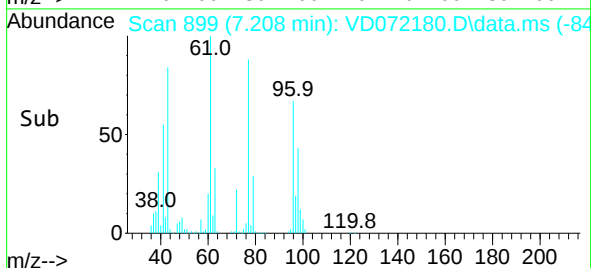
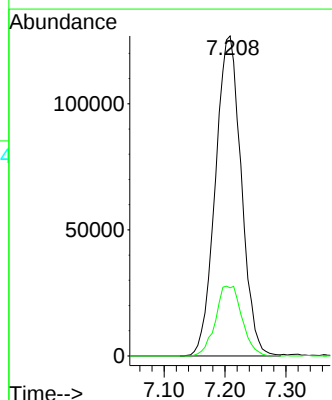
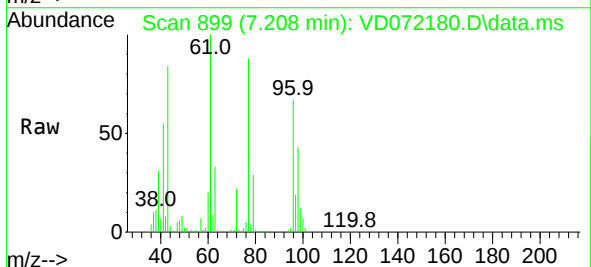
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

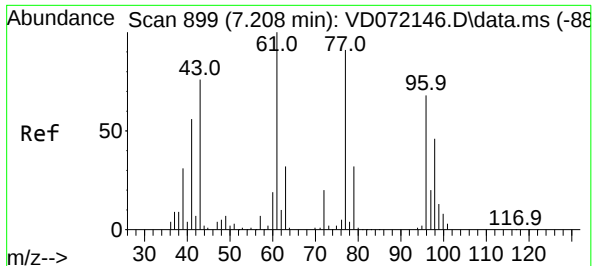
Tgt Ion: 43 Resp: 316827
Ion Ratio Lower Upper
43 100
72 26.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 50.857 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 77 Resp: 373945
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.4

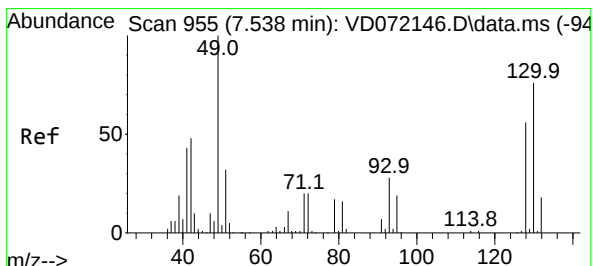
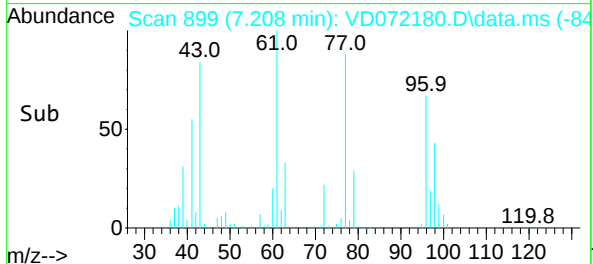
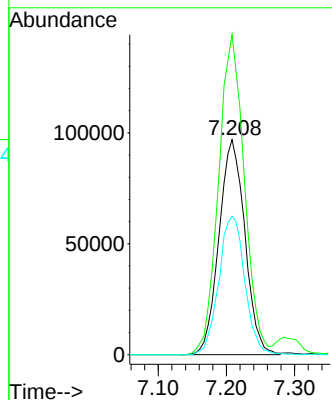
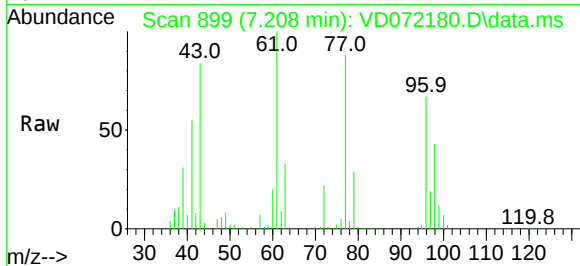




#27
 cis-1,2-Dichloroethene
 Concen: 52.428 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

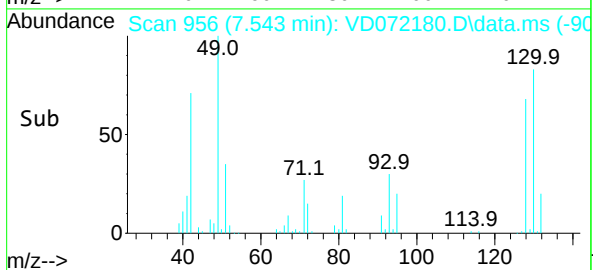
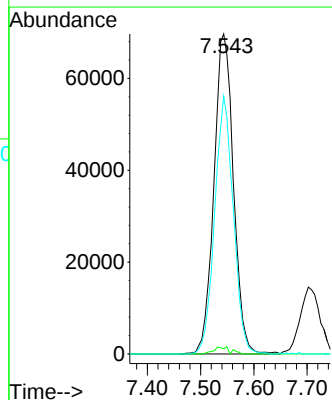
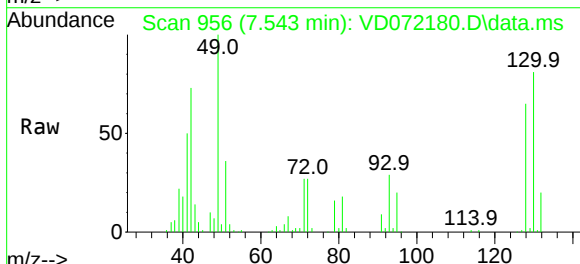
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

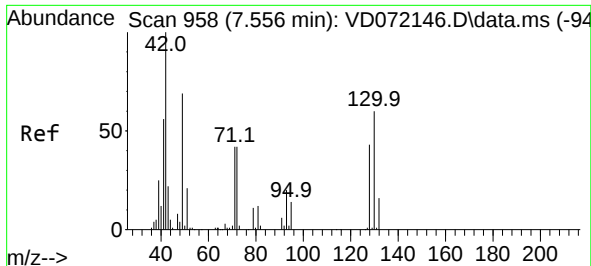
Tgt Ion: 96 Resp: 256522
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 313.8
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.086 ug/l
 RT: 7.543 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

Tgt Ion: 49 Resp: 177441
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 77.2 52.6 79.0

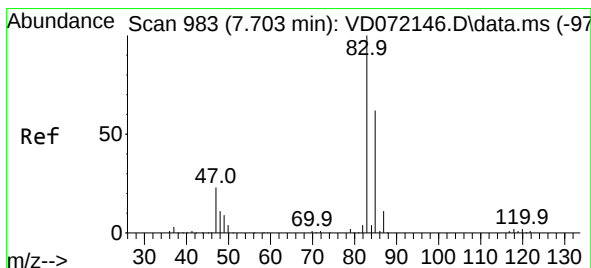
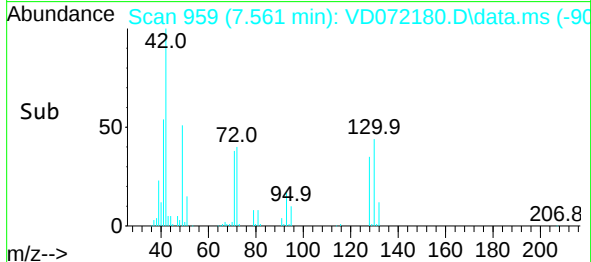
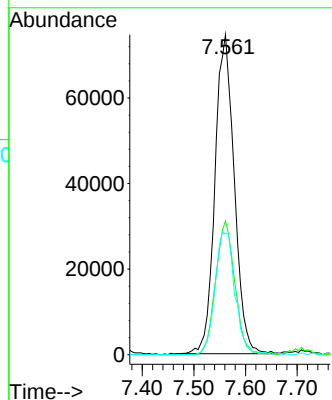
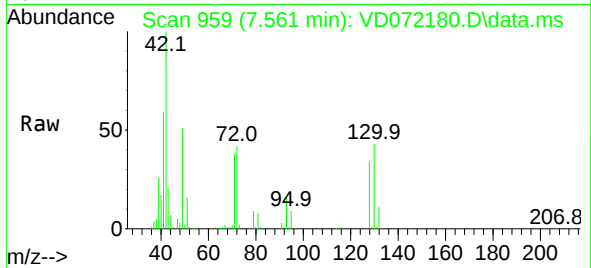




#29
Tetrahydrofuran
Concen: 271.234 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

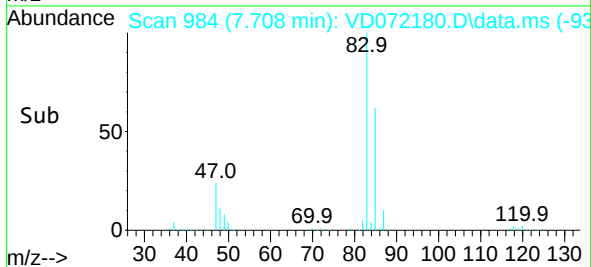
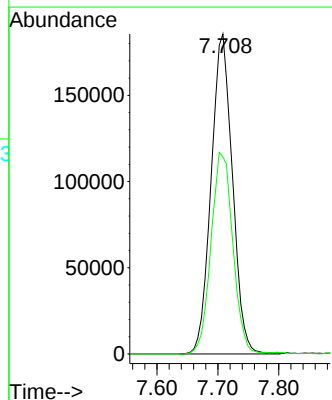
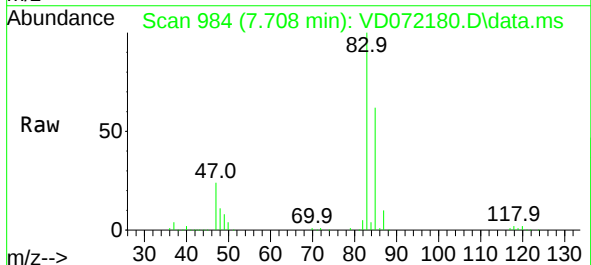
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

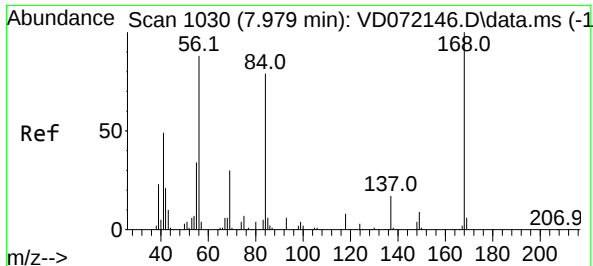
Tgt Ion: 42 Resp: 193985
Ion Ratio Lower Upper
42 100
72 41.6 30.7 46.1
71 39.4 28.6 43.0



#30
Chloroform
Concen: 51.921 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 83 Resp: 450762
Ion Ratio Lower Upper
83 100
85 61.6 52.7 79.1





#31

Cyclohexane

Concen: 52.956 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

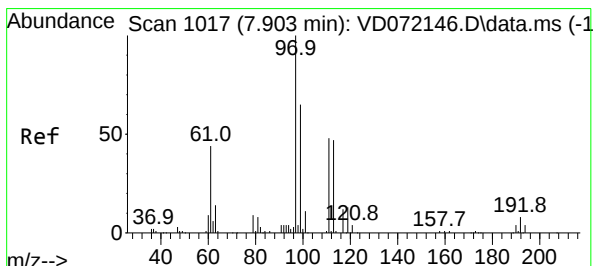
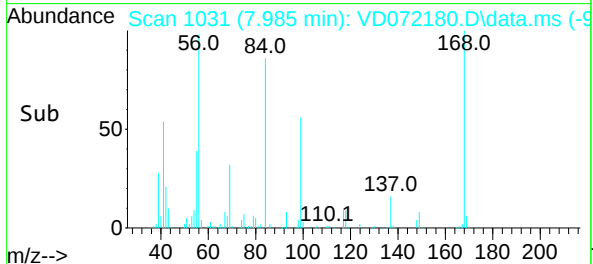
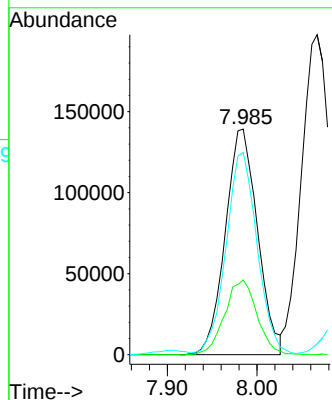
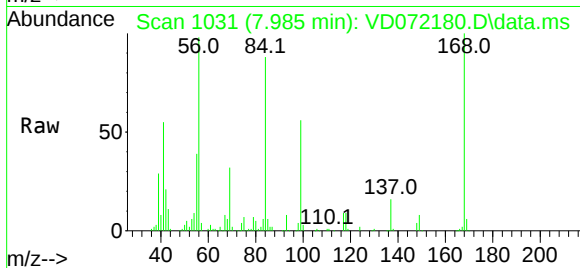
Tgt Ion: 56 Resp: 347616

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 88.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 51.510 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

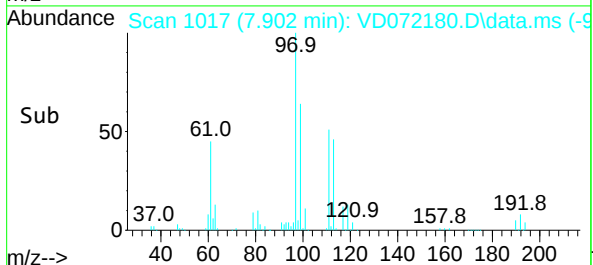
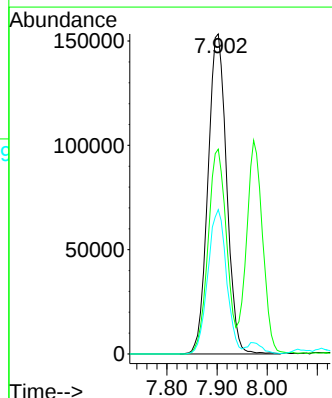
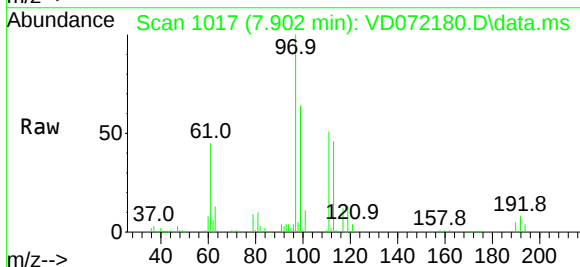
Tgt Ion: 97 Resp: 397179

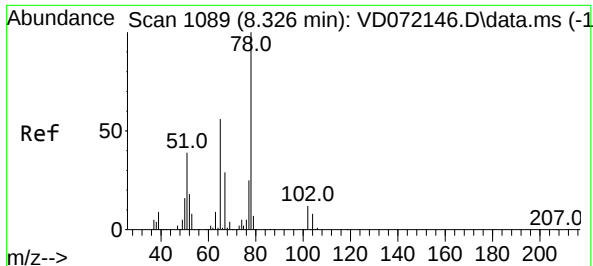
Ion Ratio Lower Upper

97 100

99 63.0 52.4 78.6

61 45.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.115 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

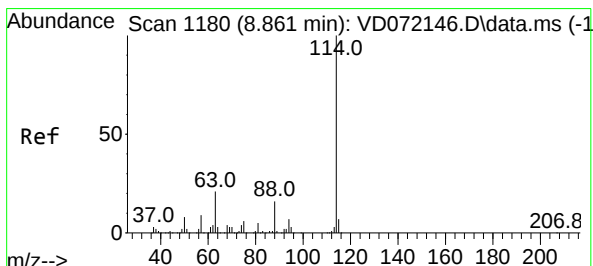
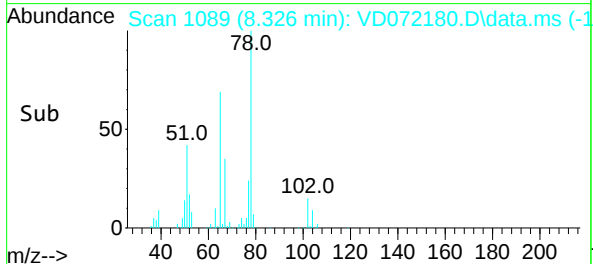
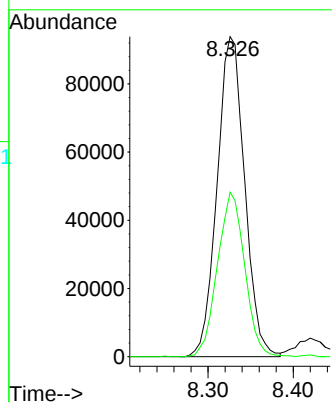
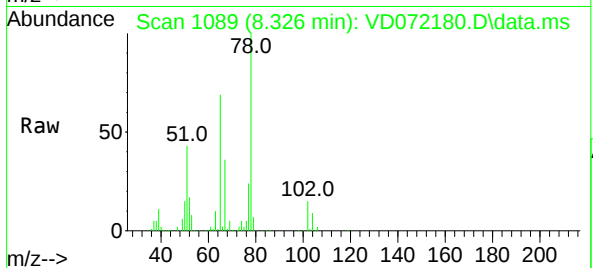
VSTDCCC050

Tgt Ion: 65 Resp: 210557

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

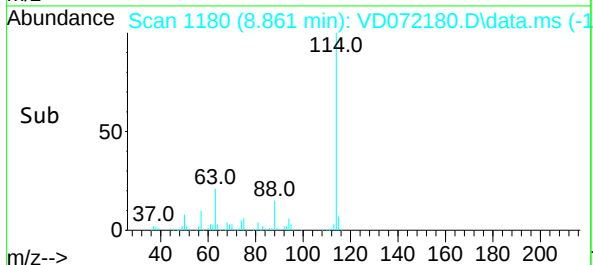
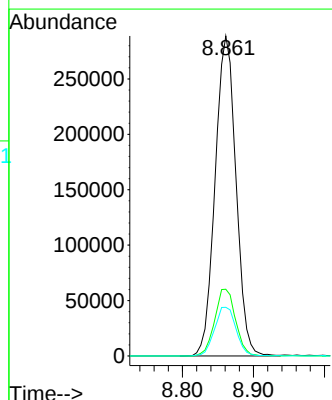
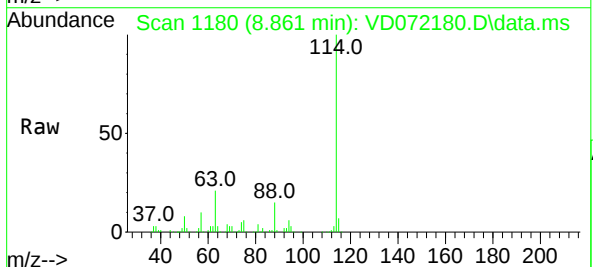
Tgt Ion: 114 Resp: 586792

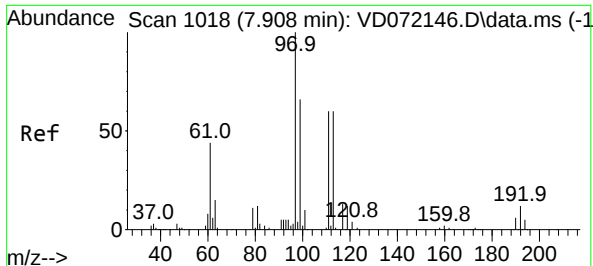
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

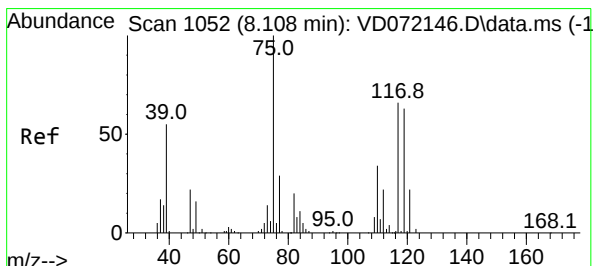
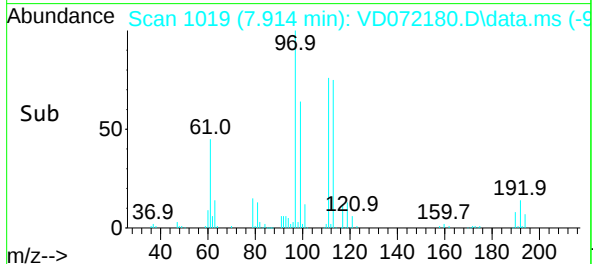
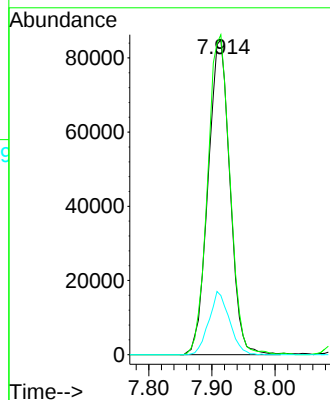
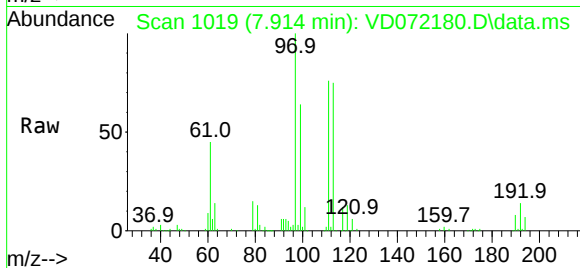
Tgt Ion:113 Resp: 204408

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 55.148 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

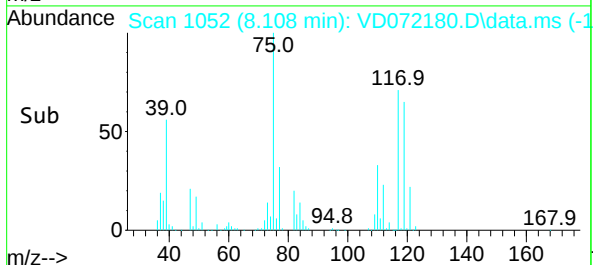
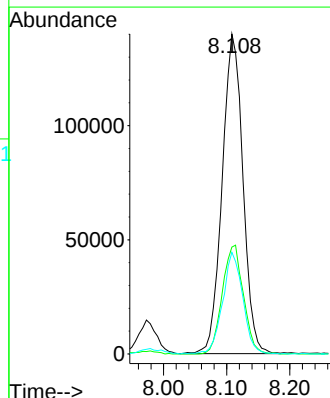
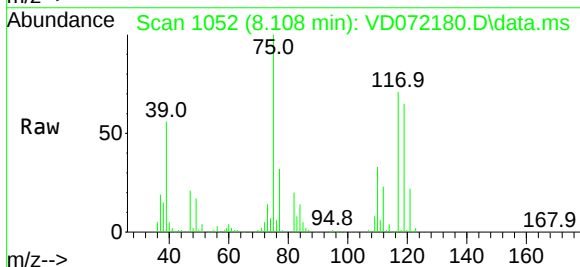
Tgt Ion: 75 Resp: 319466

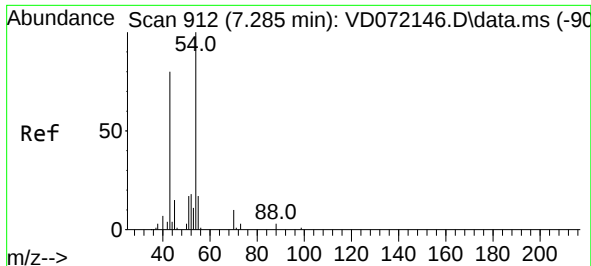
Ion Ratio Lower Upper

75 100

110 34.5 16.4 49.1

77 30.9 24.2 36.2

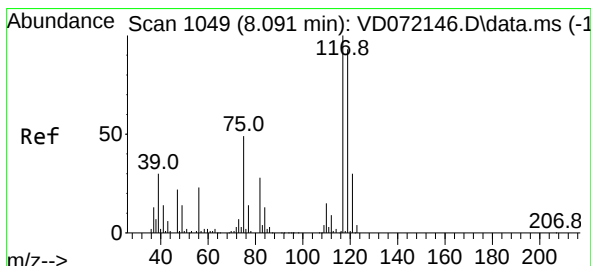
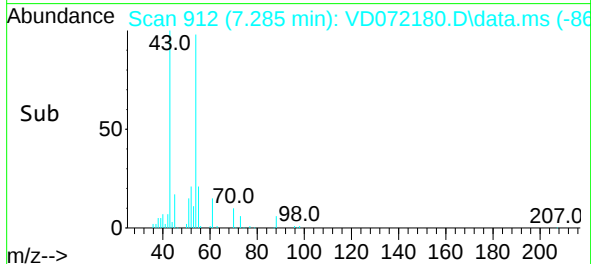
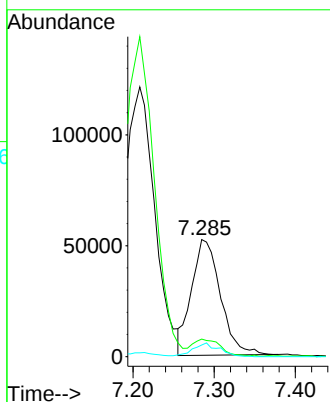
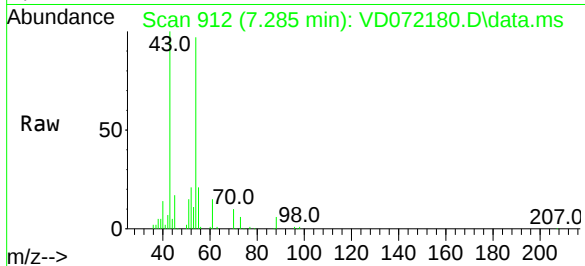




#37
Ethyl Acetate
Concen: 51.080 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

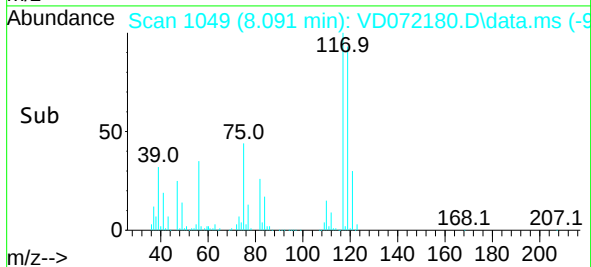
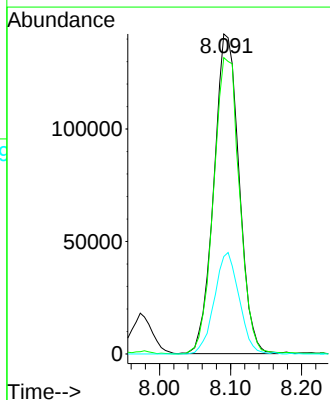
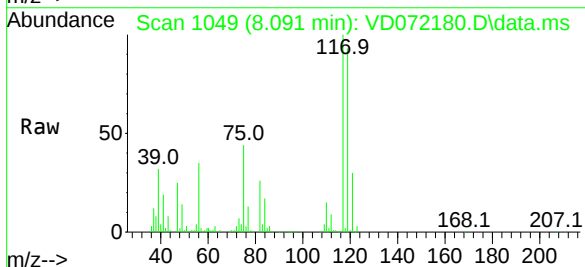
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

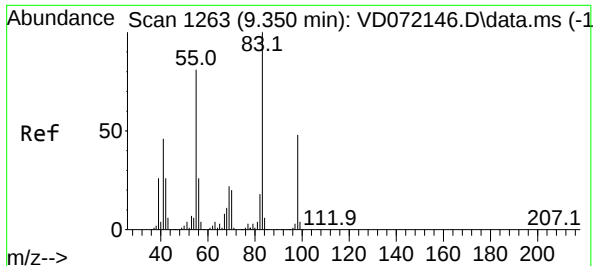
Tgt Ion: 43 Resp: 129616
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 10.7 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 53.145 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 117 Resp: 349951
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 56.673 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

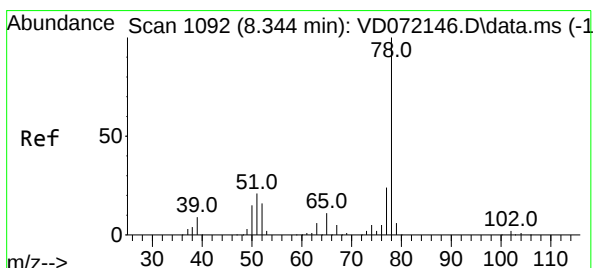
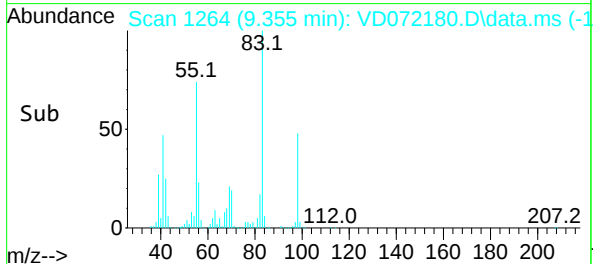
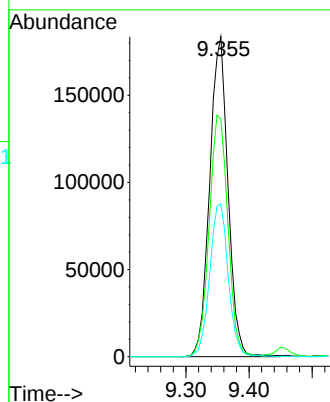
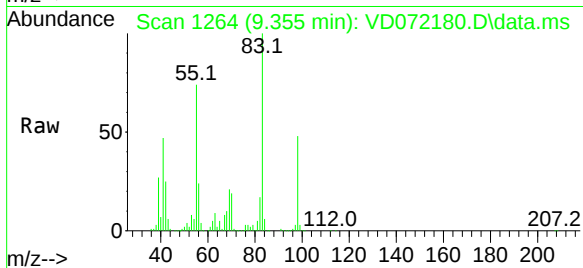
Tgt Ion: 83 Resp: 369431

Ion Ratio Lower Upper

83 100

55 74.1 63.2 94.8

98 47.8 38.2 57.4



#40

Benzene

Concen: 54.591 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072180.D

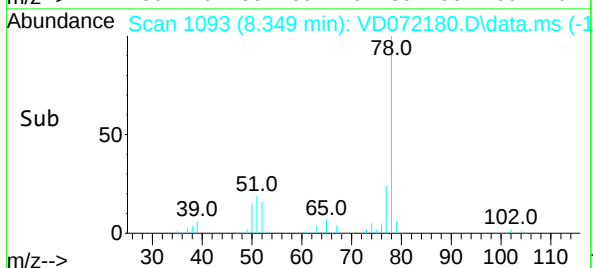
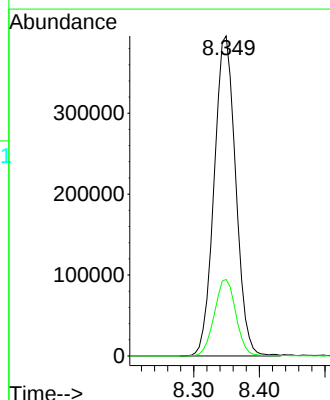
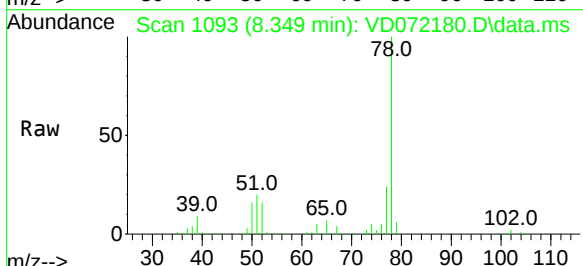
Acq: 15 Mar 2022 10:36

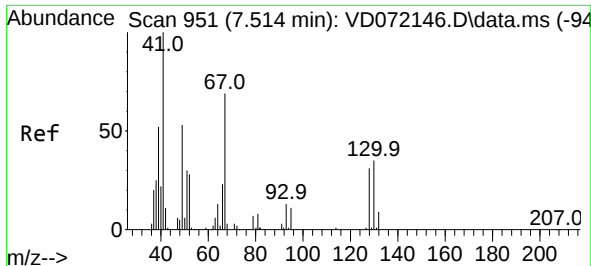
Tgt Ion: 78 Resp: 902185

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

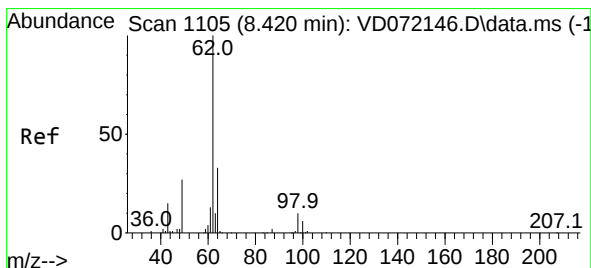
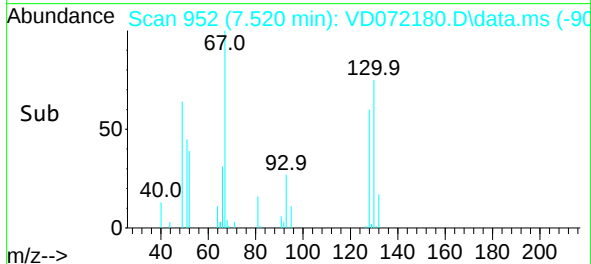
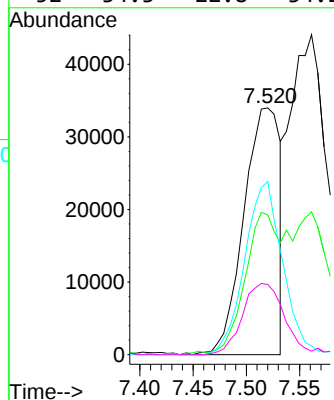
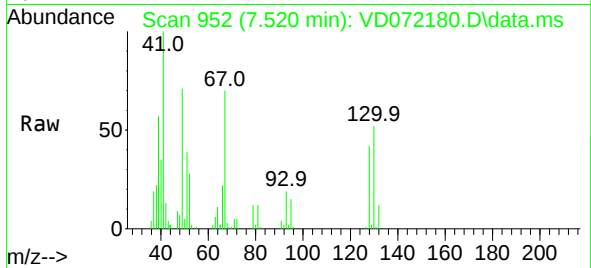




#41
Methacrylonitrile
Concen: 54.153 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

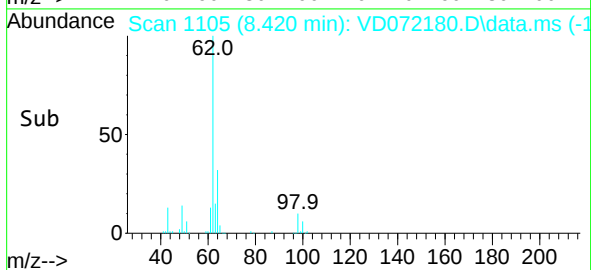
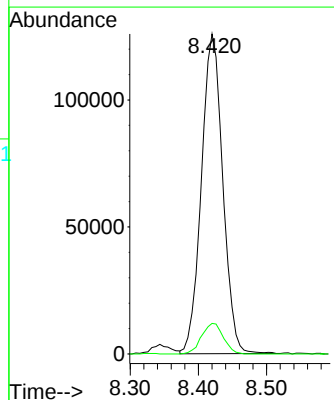
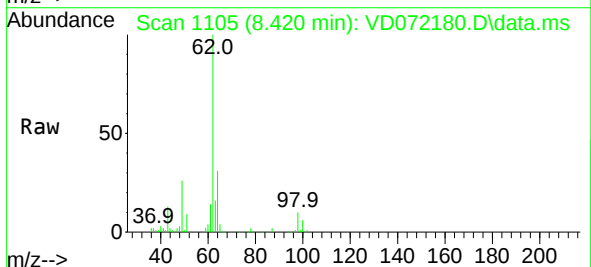
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

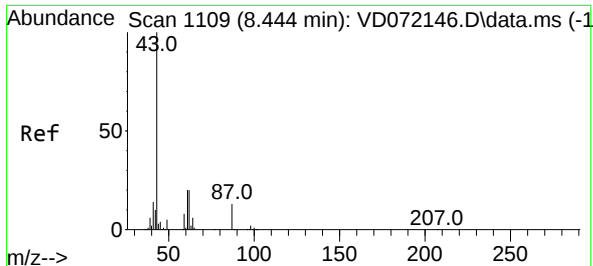
Tgt Ion: 41 Resp: 80093
Ion Ratio Lower Upper
41 100
39 54.1 44.6 67.0
67 73.8 48.2 72.4#
52 34.3 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 54.789 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 62 Resp: 274675
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 54.313 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

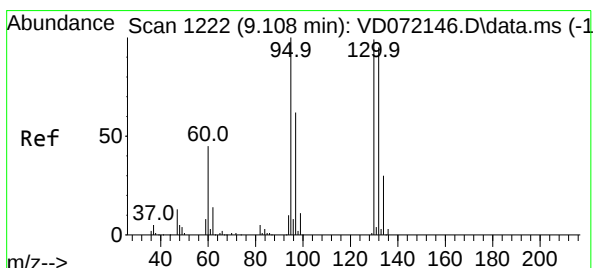
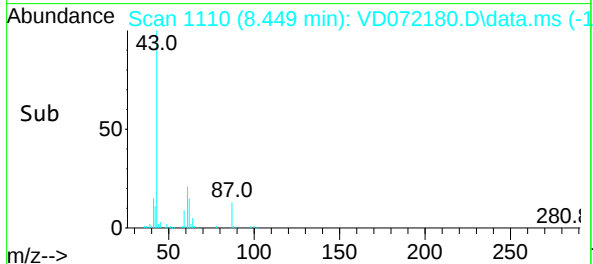
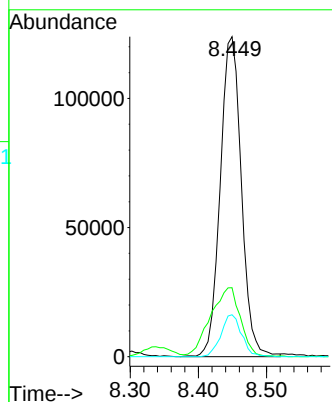
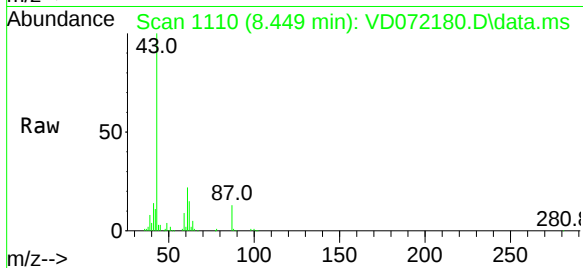
Tgt Ion: 43 Resp: 267503

Ion Ratio Lower Upper

43 100

61 30.7 22.4 33.6

87 12.8 8.7 13.1



#44

Trichloroethene

Concen: 52.741 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD072180.D

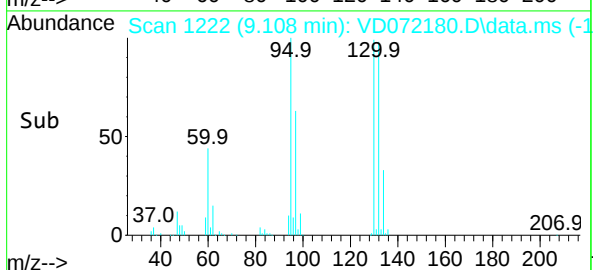
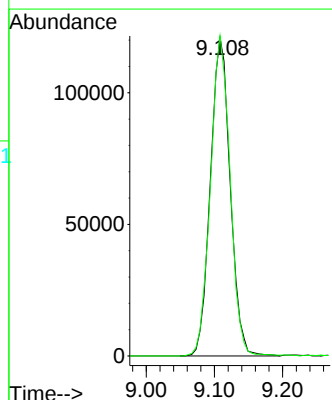
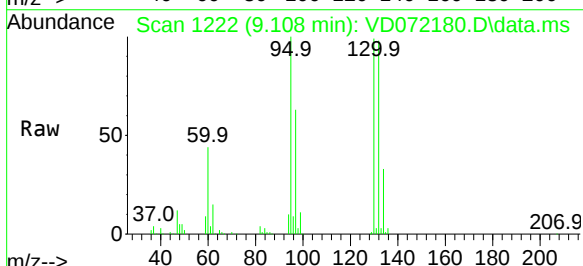
Acq: 15 Mar 2022 10:36

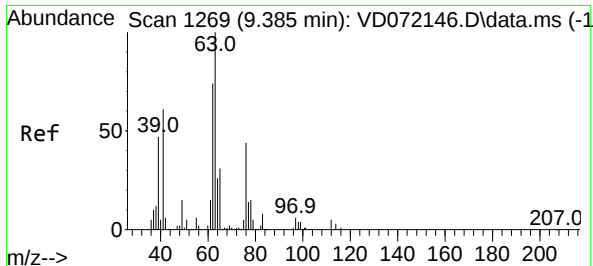
Tgt Ion:130 Resp: 244691

Ion Ratio Lower Upper

130 100

95 100.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.065 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

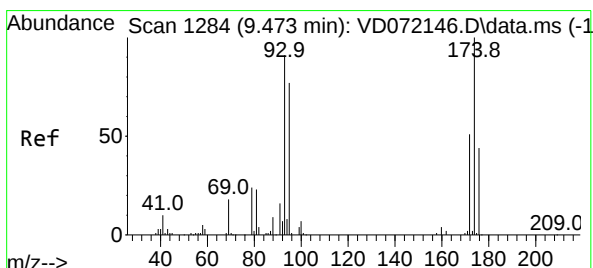
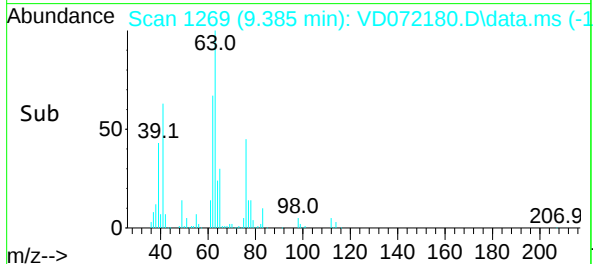
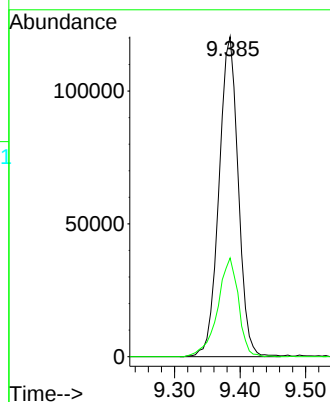
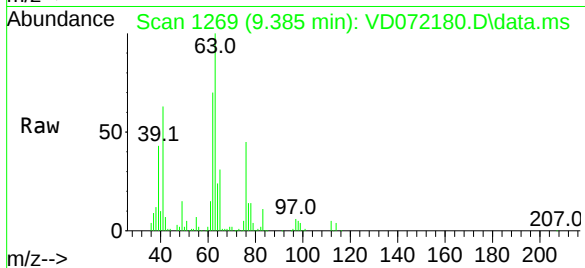
VSTDCCC050

Tgt Ion: 63 Resp: 245044

Ion Ratio Lower Upper

63 100

65 30.8 26.2 39.4



#46

Dibromomethane

Concen: 56.574 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

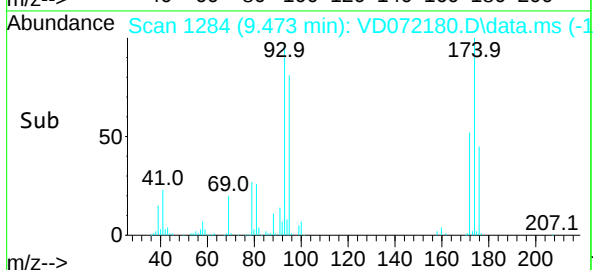
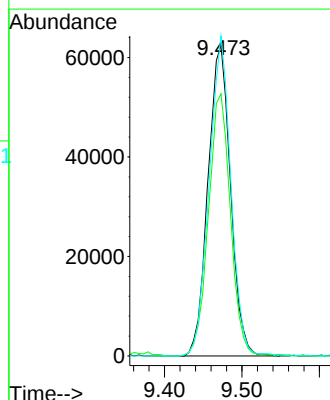
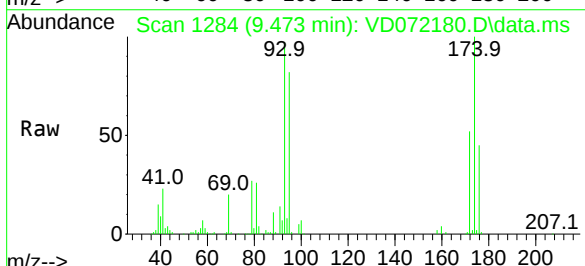
Tgt Ion: 93 Resp: 126133

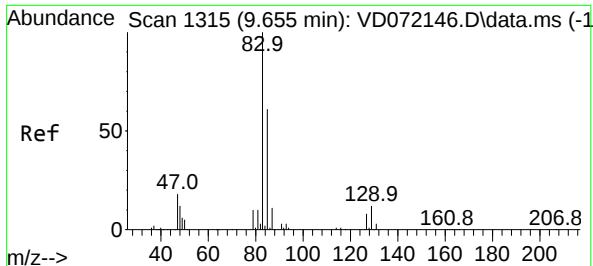
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 99.0 71.6 107.4

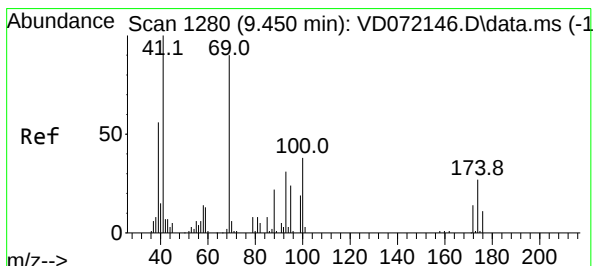
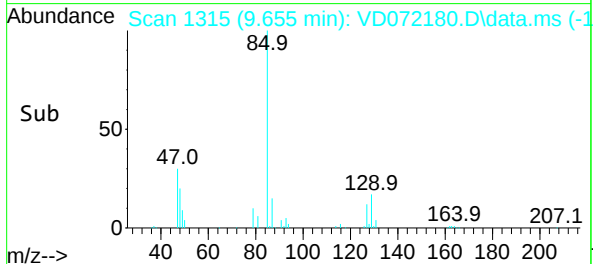
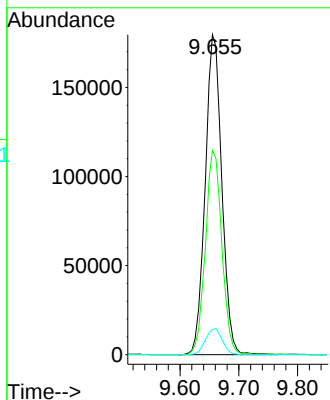
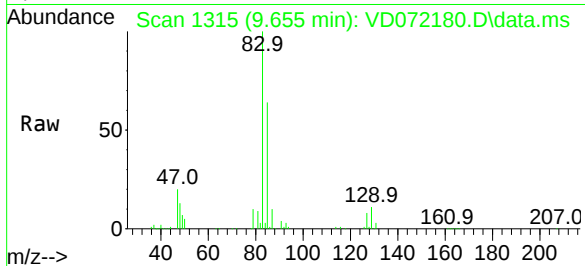




#47
Bromodichloromethane
Concen: 54.288 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

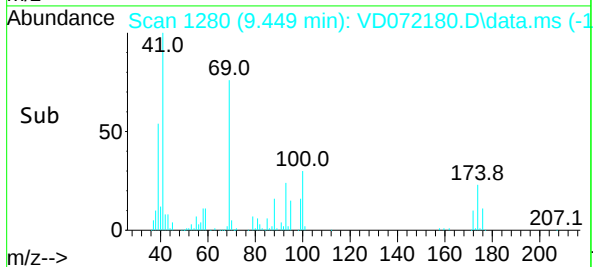
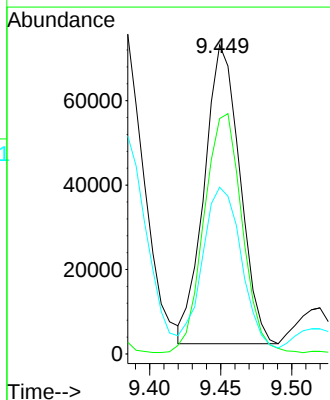
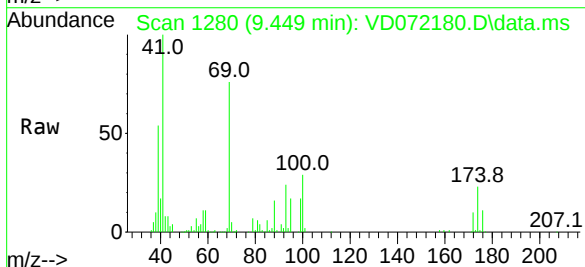
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

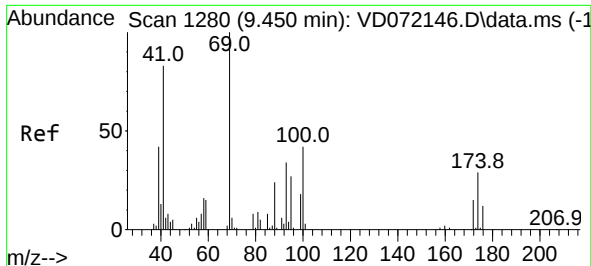
Tgt Ion: 83 Resp: 352849
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 52.538 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 41 Resp: 123556
Ion Ratio Lower Upper
41 100
69 85.6 56.7 85.1#
39 62.5 42.7 64.1

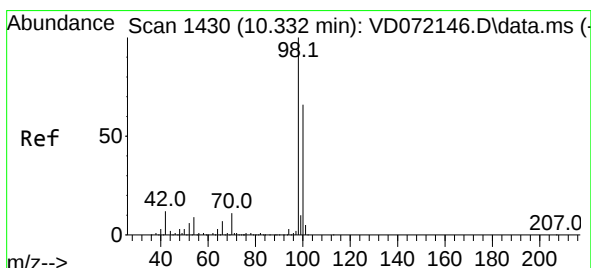
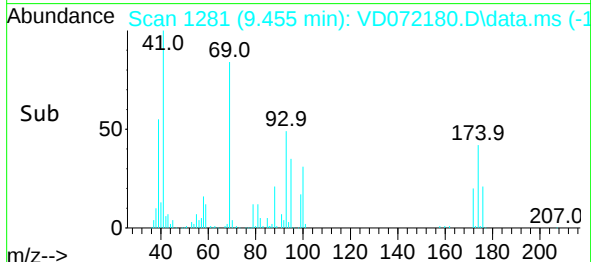
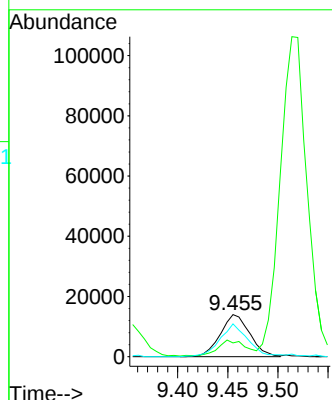
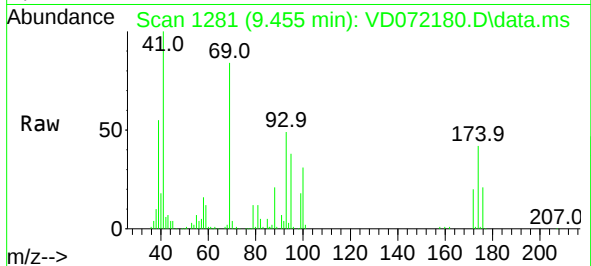




#49
1,4-Dioxane
Concen: 1067.040 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

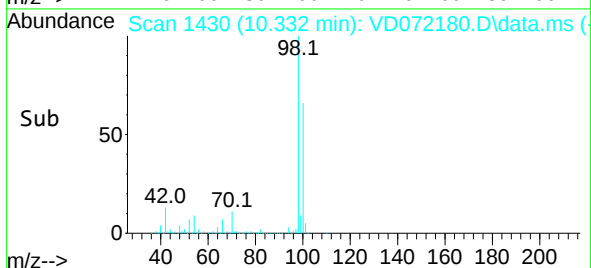
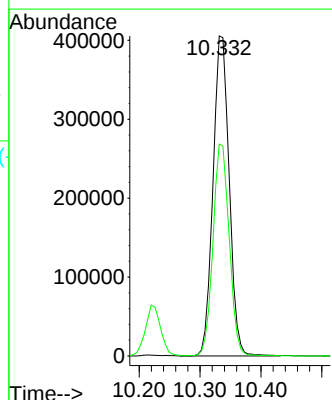
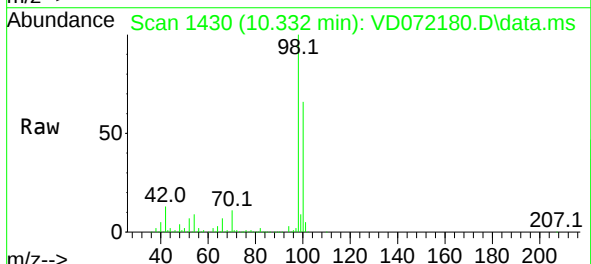
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

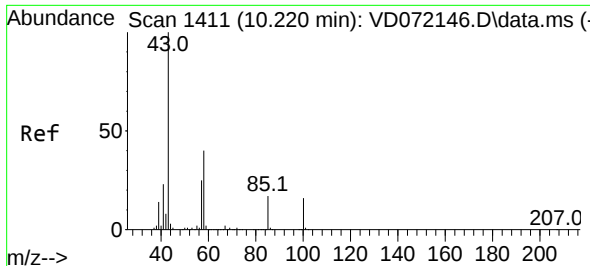
Tgt Ion: 88 Resp: 28528
Ion Ratio Lower Upper
88 100
43 35.6 31.0 46.4
58 76.9 58.1 87.1



#50
Toluene-d8
Concen: 49.576 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 98 Resp: 748534
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

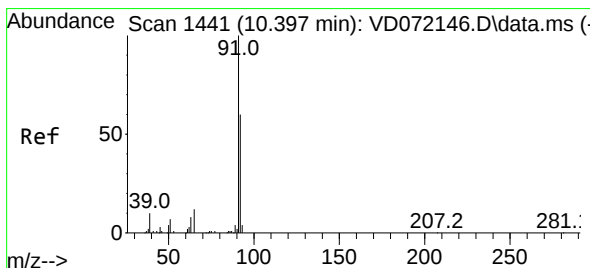
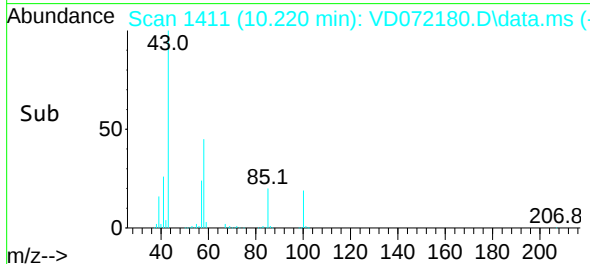
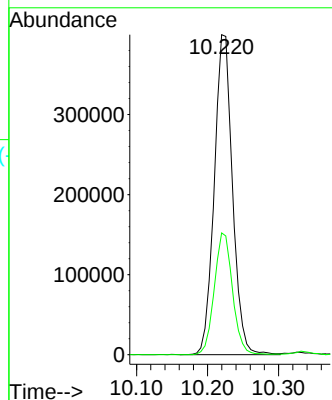
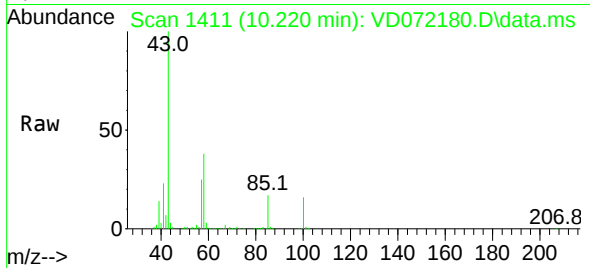




#51
4-Methyl-2-Pentanone
Concen: 275.517 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

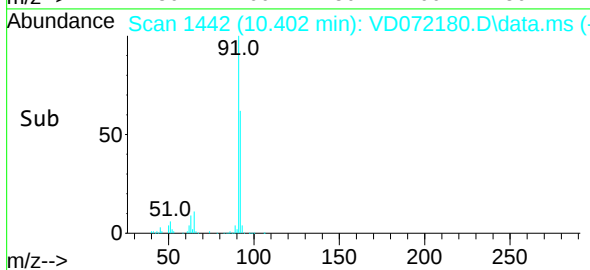
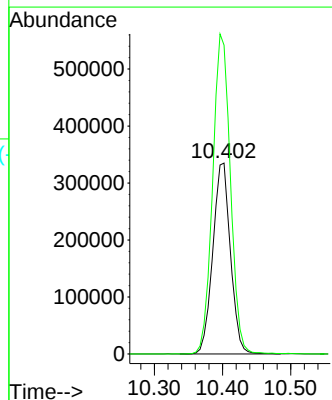
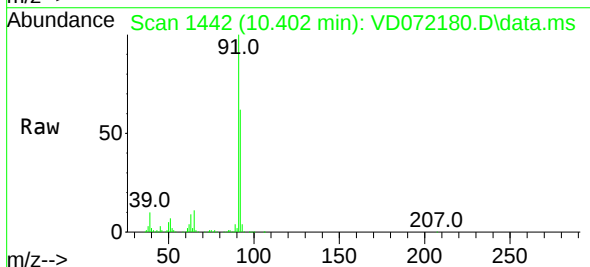
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

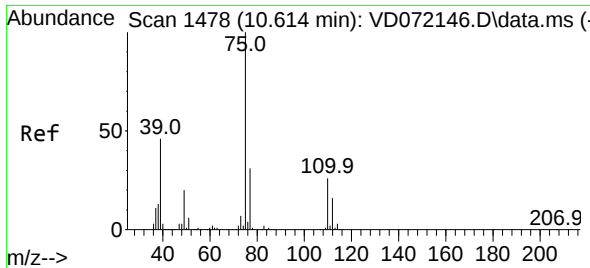
Tgt Ion: 43 Resp: 712715
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0



#52
Toluene
Concen: 55.457 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 92 Resp: 603083
Ion Ratio Lower Upper
92 100
91 168.7 139.6 209.4

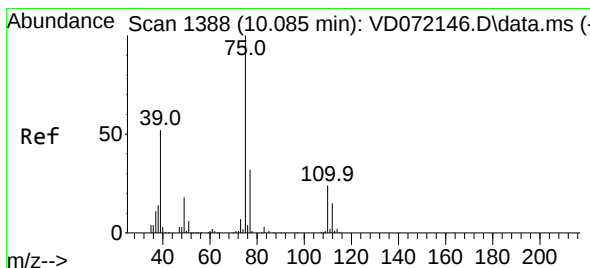
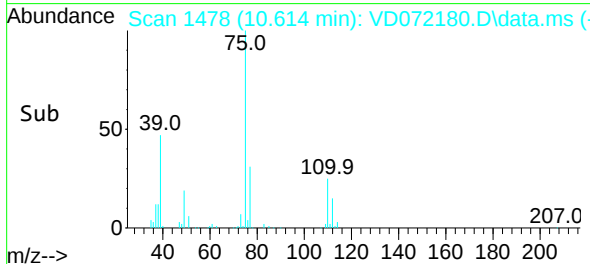
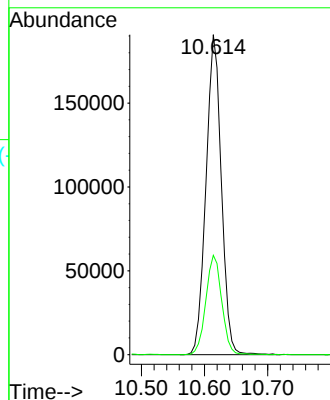
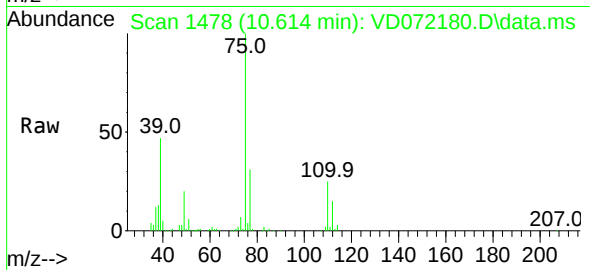




#53
 t-1,3-Dichloropropene
 Concen: 54.154 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

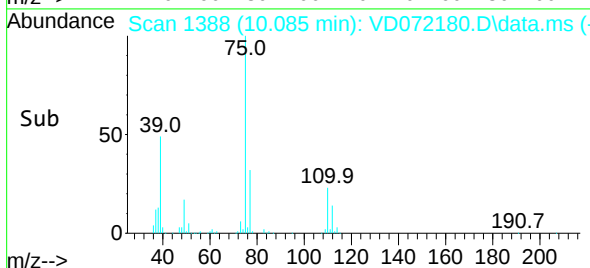
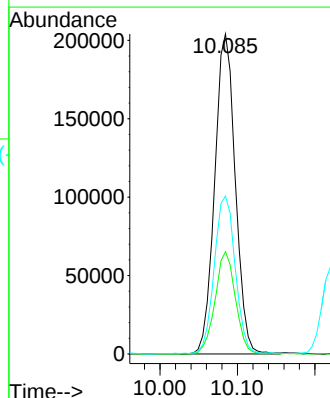
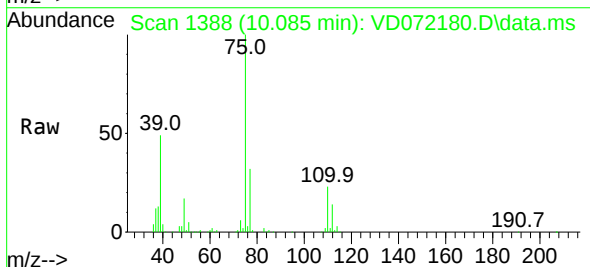
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

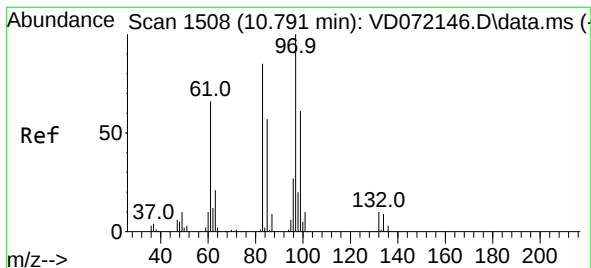
Tgt Ion: 75 Resp: 321584
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.797 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

Tgt Ion: 75 Resp: 376168
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 49.2 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 53.149 ug/l

RT: 10.796 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 180512

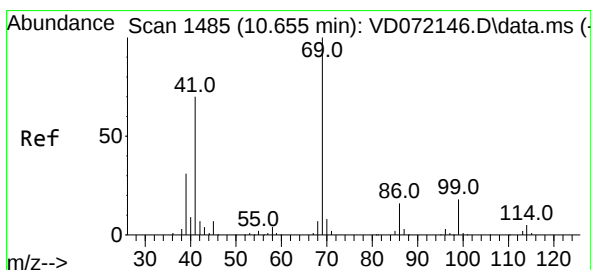
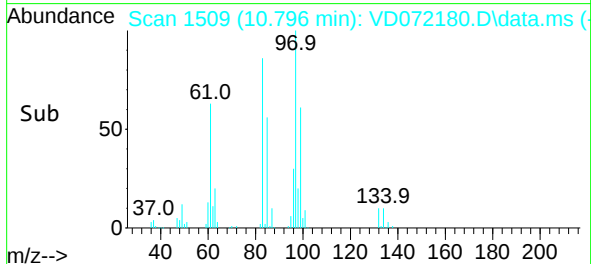
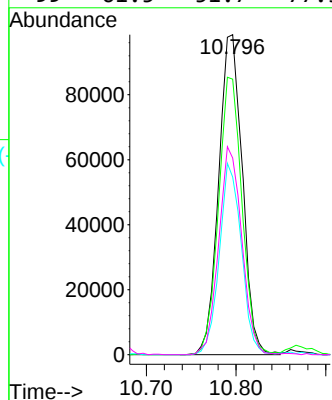
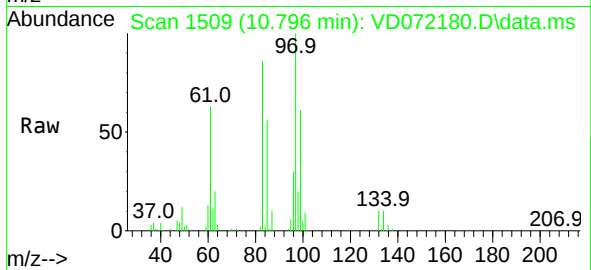
Ion Ratio Lower Upper

97 100

83 86.1 69.0 103.4

85 55.5 42.6 63.8

99 61.5 51.7 77.5



#56

Ethyl methacrylate

Concen: 55.740 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

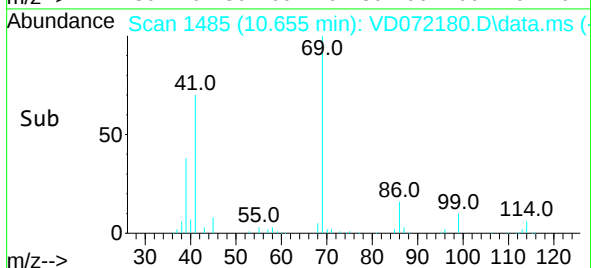
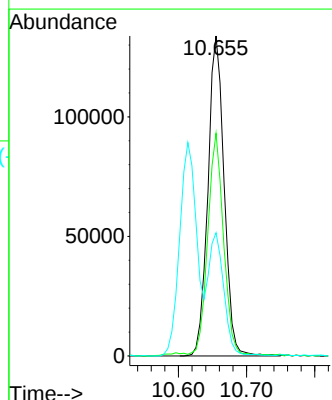
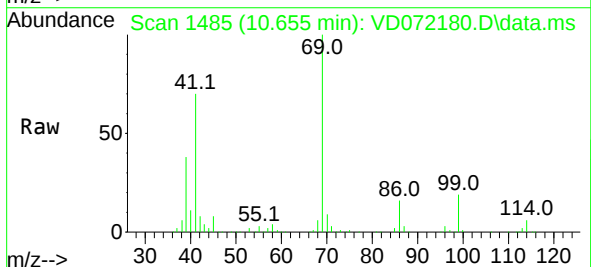
Tgt Ion: 69 Resp: 221739

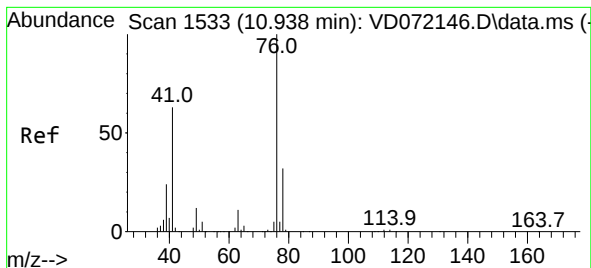
Ion Ratio Lower Upper

69 100

41 66.2 63.0 94.6

39 35.7 33.8 50.8





#57

1,3-Dichloropropane

Concen: 54.901 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

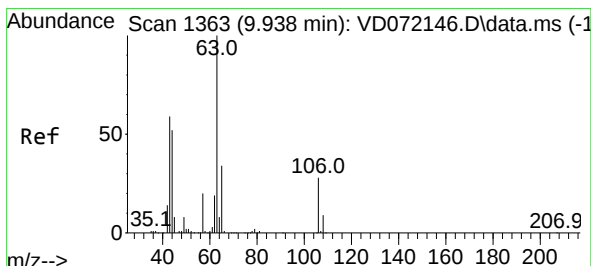
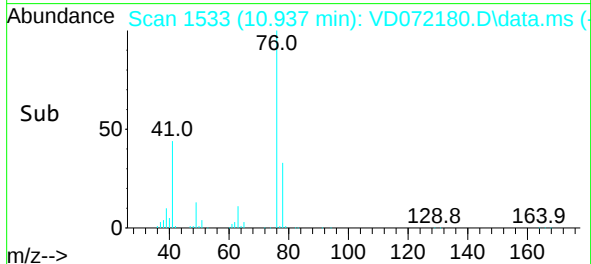
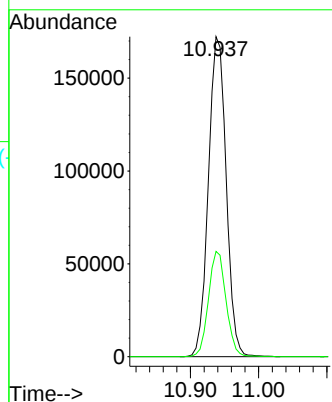
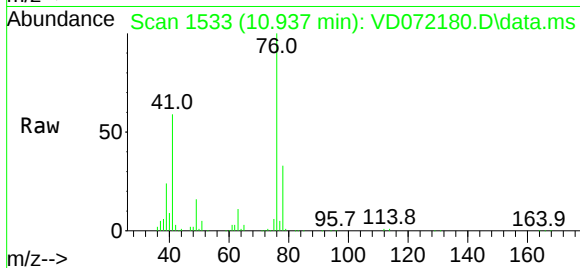
VSTDCCC050

Tgt Ion: 76 Resp: 312942

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 263.930 ug/l

RT: 9.937 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072180.D

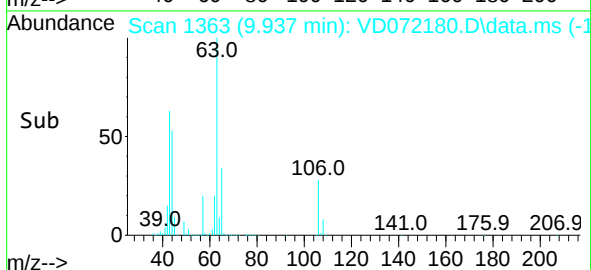
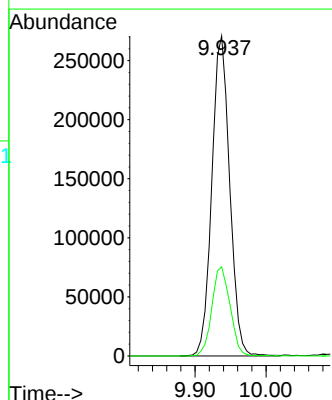
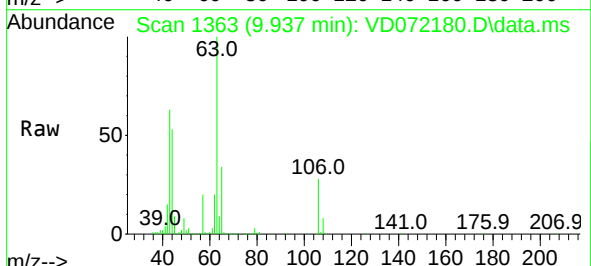
Acq: 15 Mar 2022 10:36

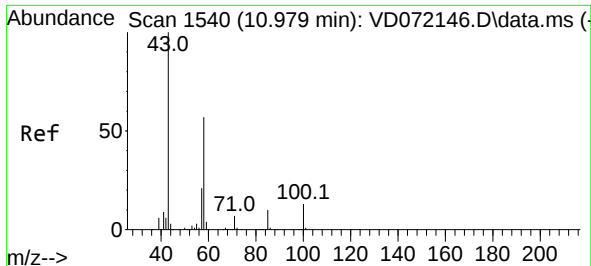
Tgt Ion: 63 Resp: 472081

Ion Ratio Lower Upper

63 100

106 28.4 21.4 32.0

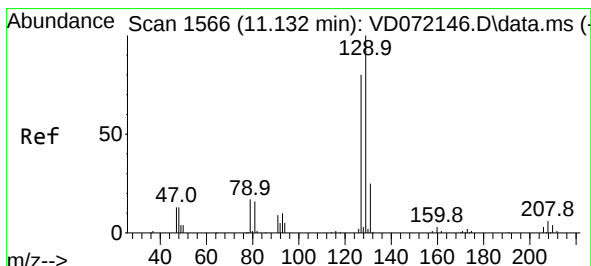
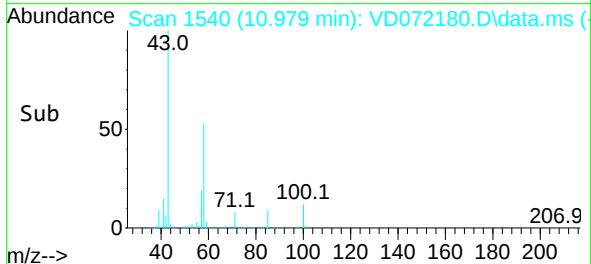
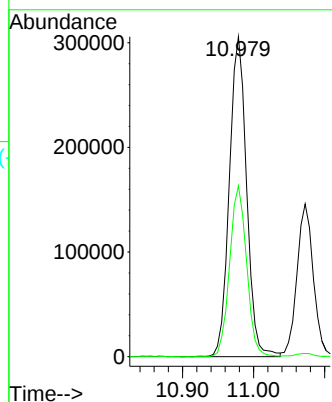
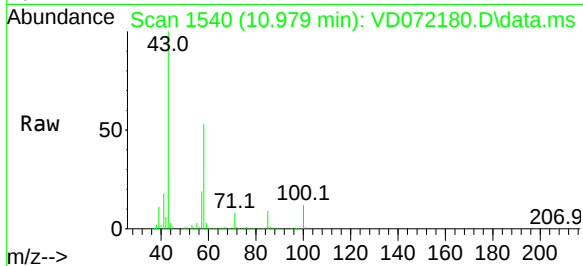




#59
2-Hexanone
Concen: 288.852 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

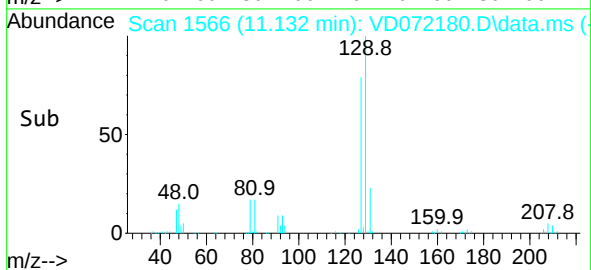
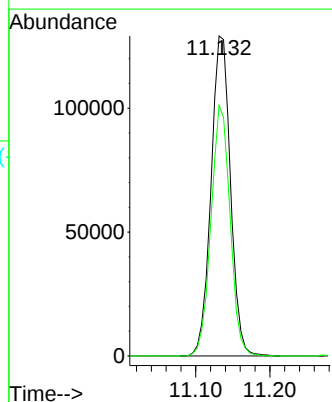
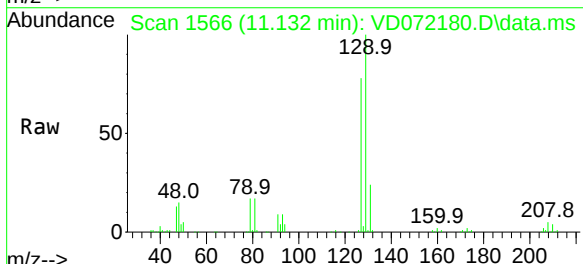
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

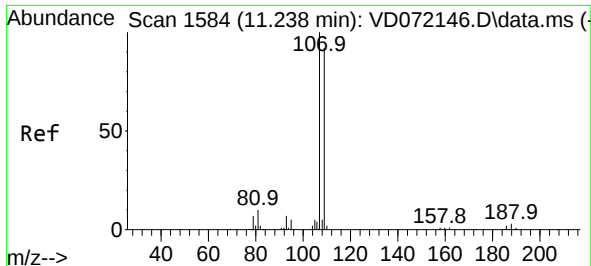
Tgt Ion: 43 Resp: 516076
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9



#60
Dibromochloromethane
Concen: 53.391 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:129 Resp: 235301
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

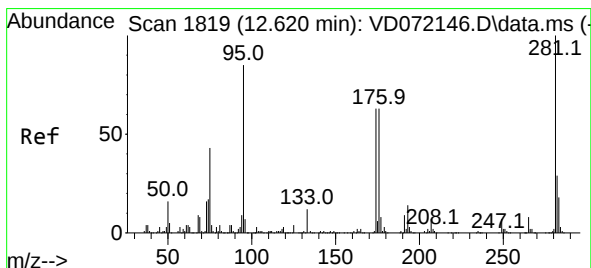
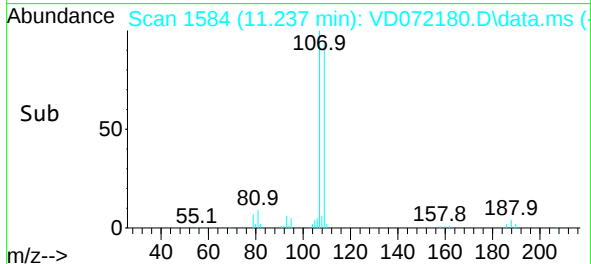
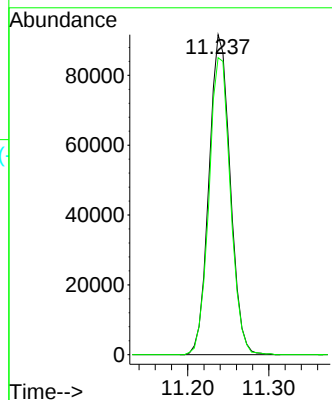
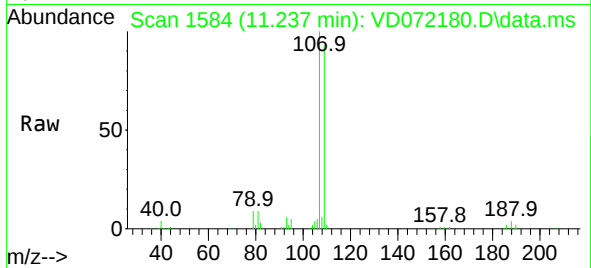




#61
1,2-Dibromoethane
Concen: 54.145 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

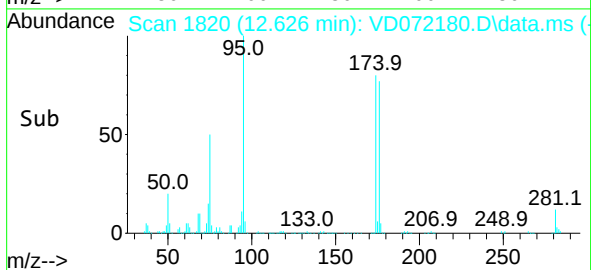
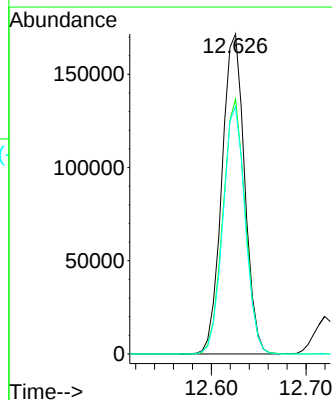
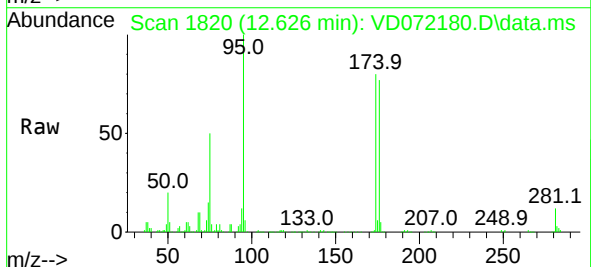
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

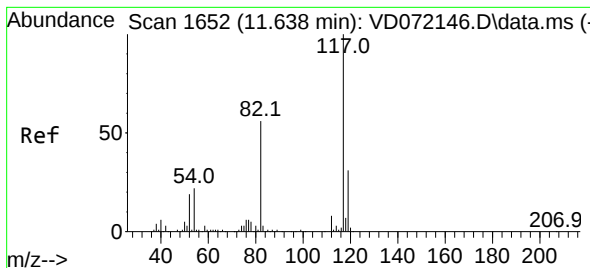
Tgt Ion:107 Resp: 166169
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 95 Resp: 286108
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

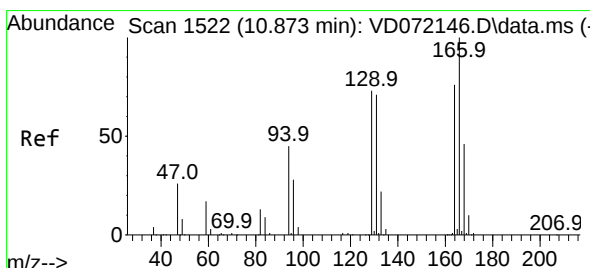
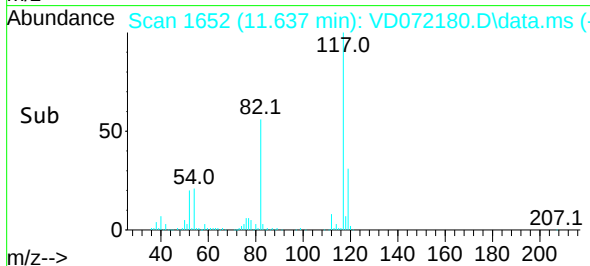
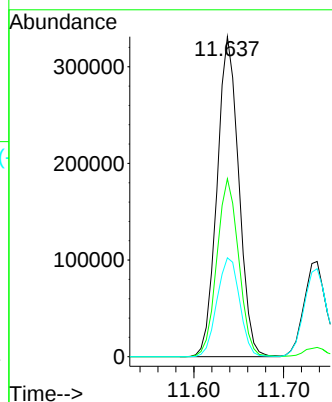
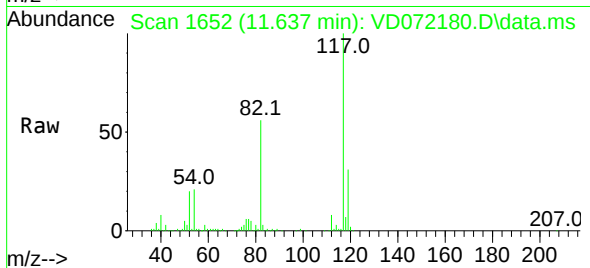
Tgt Ion:117 Resp: 556767

Ion Ratio Lower Upper

117 100

82 55.6 45.3 67.9

119 30.9 26.6 40.0



#64

Tetrachloroethene

Concen: 52.690 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Tgt Ion:164 Resp: 206696

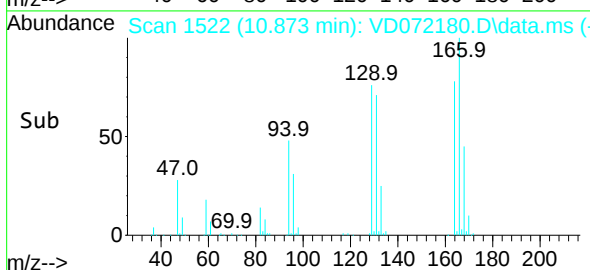
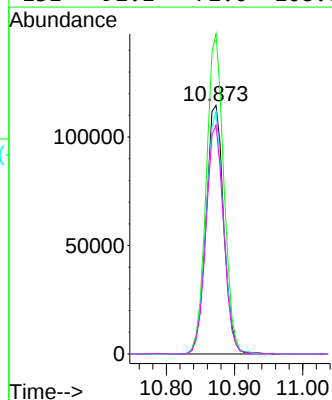
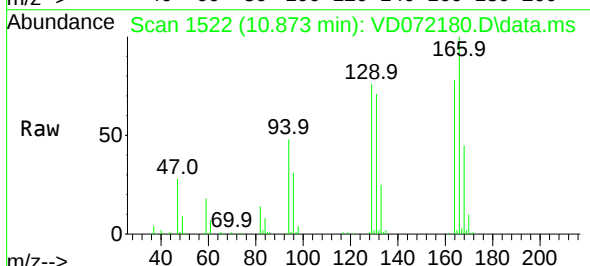
Ion Ratio Lower Upper

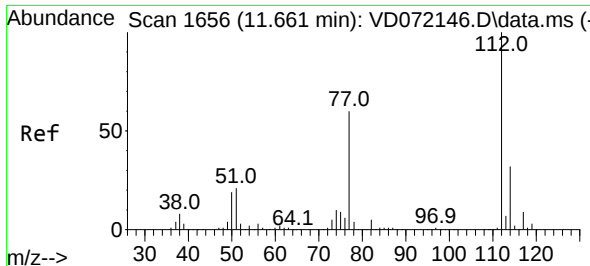
164 100

166 128.8 98.5 147.7

129 97.7 74.6 111.8

131 92.1 72.0 108.0

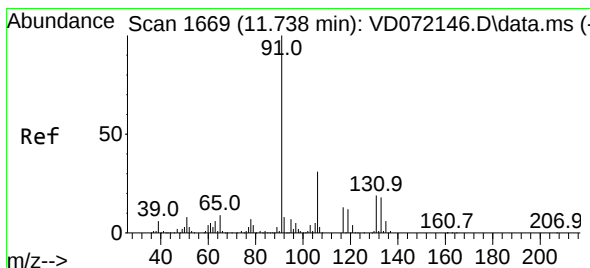
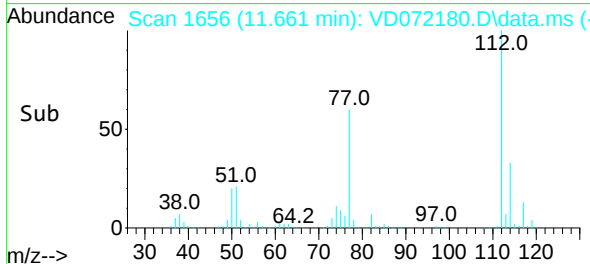
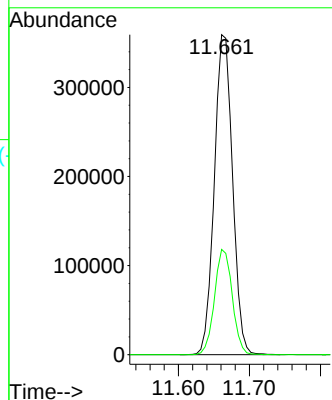
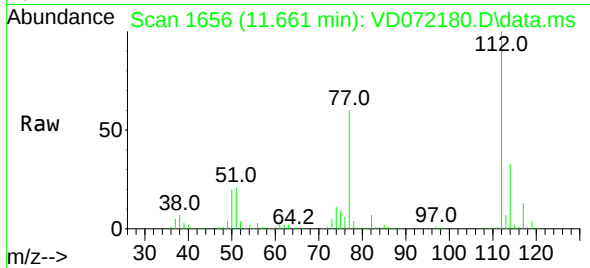




#65
Chlorobenzene
Concen: 51.705 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

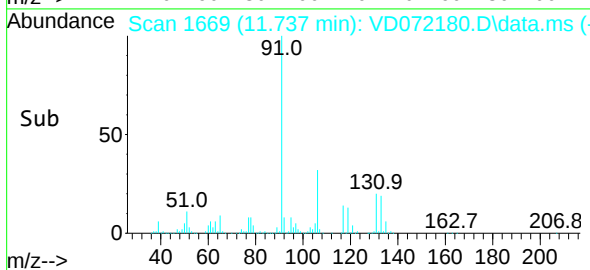
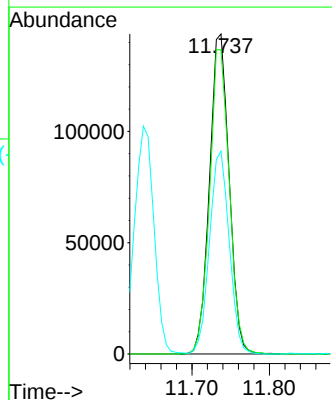
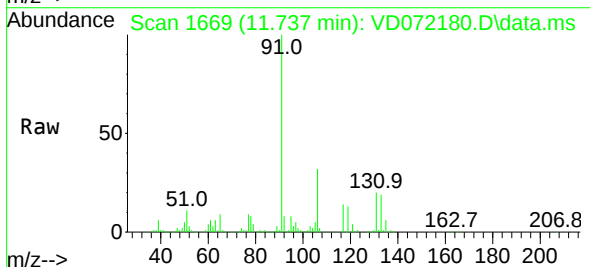
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

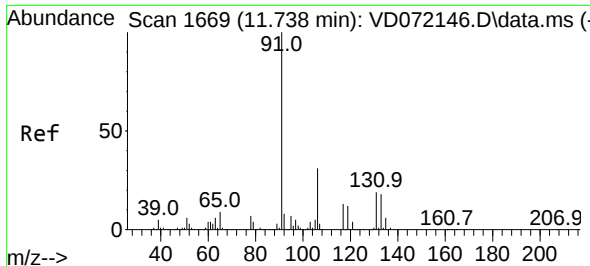
Tgt Ion:112 Resp: 638212
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.741 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:131 Resp: 252550
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 63.8 31.9 95.9

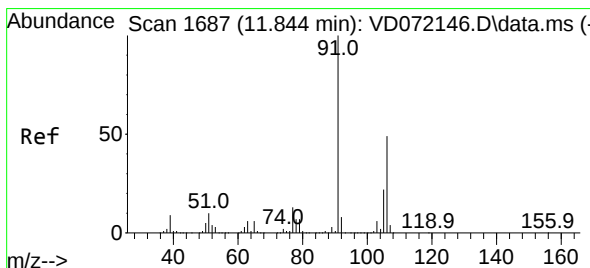
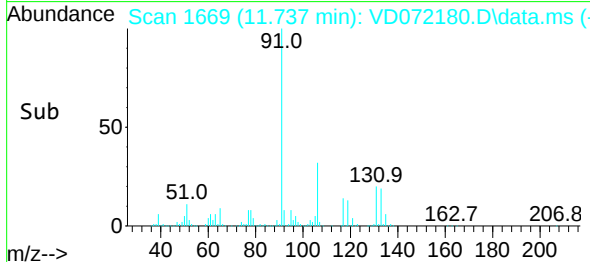
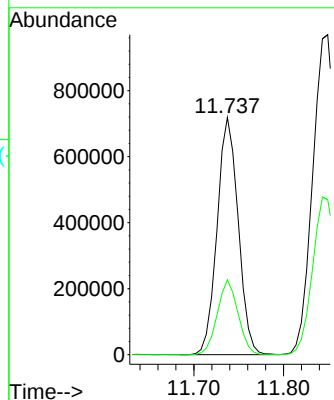
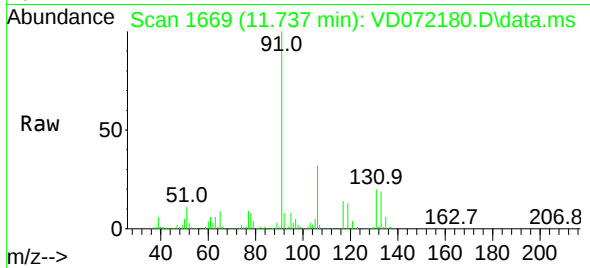




#67
Ethyl Benzene
Concen: 53.167 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

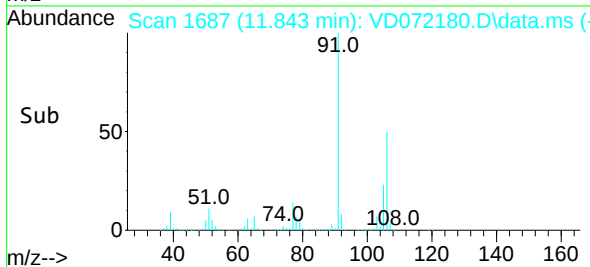
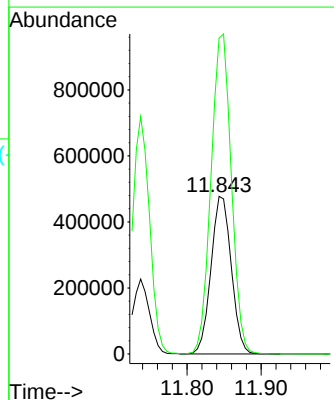
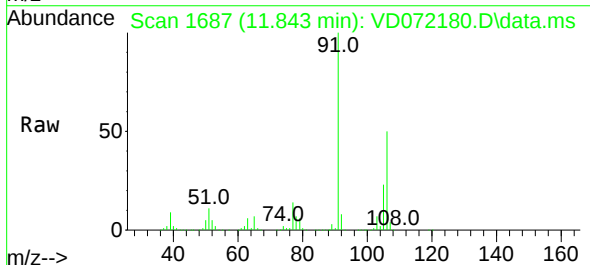
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

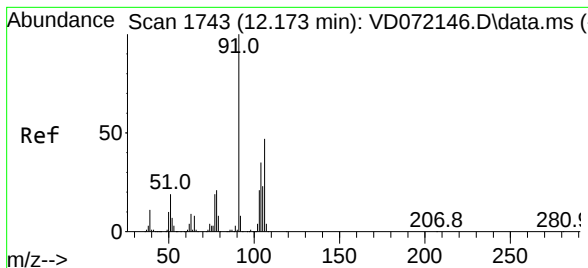
Tgt Ion: 91 Resp: 1172106
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 108.334 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 106 Resp: 906878
Ion Ratio Lower Upper
106 100
91 203.5 163.7 245.5

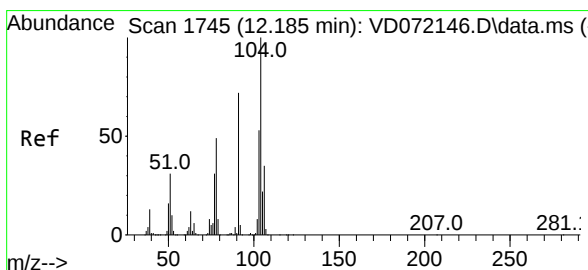
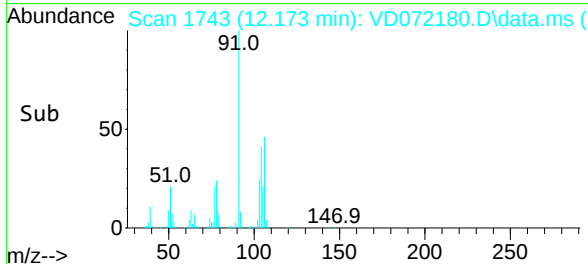
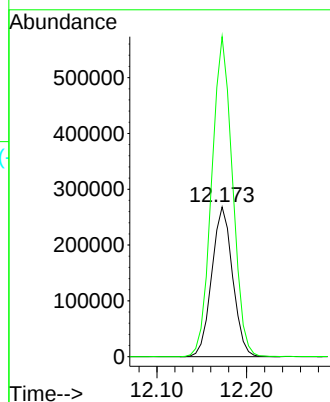
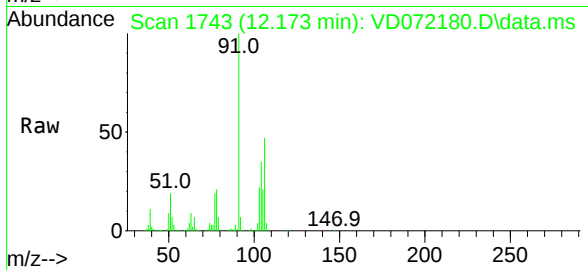




#69
o-Xylene
Concen: 53.971 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

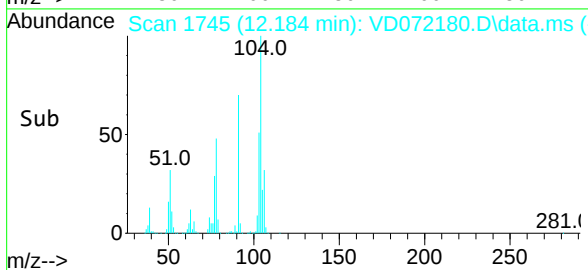
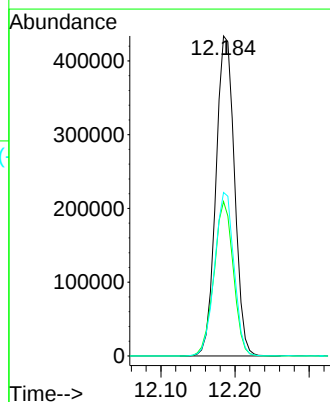
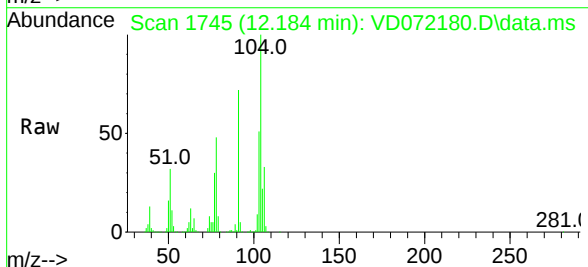
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

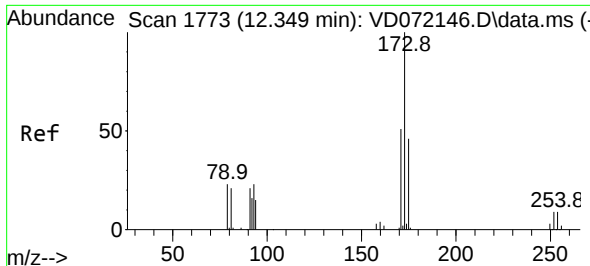
Tgt Ion:106 Resp: 432151
Ion Ratio Lower Upper
106 100
91 214.0 110.4 331.2



#70
Styrene
Concen: 54.114 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:104 Resp: 756634
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 53.3 44.2 66.4

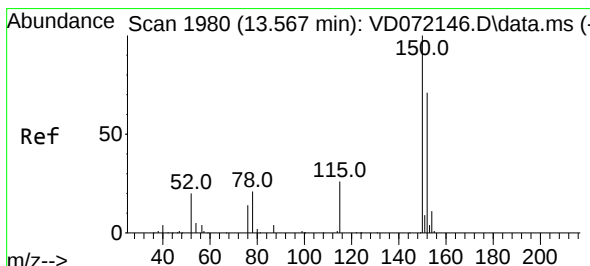
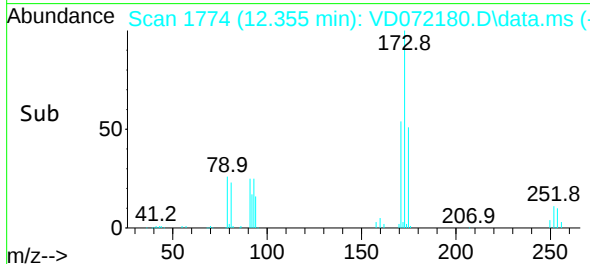
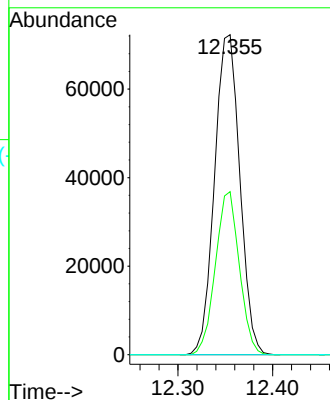
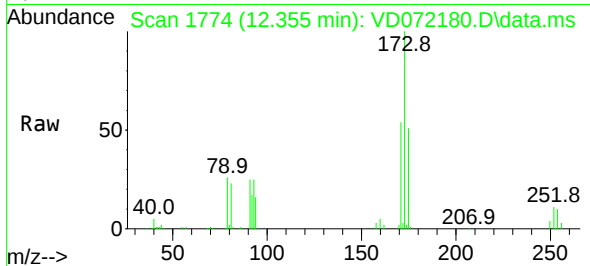




#71
Bromoform
Concen: 51.388 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

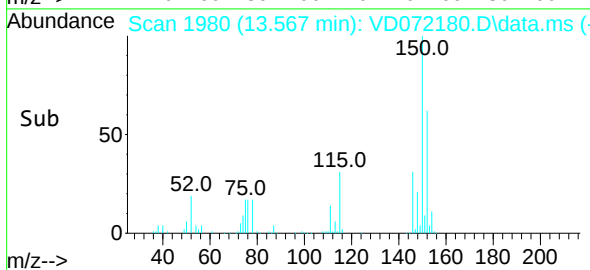
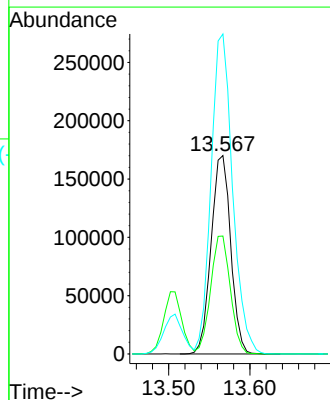
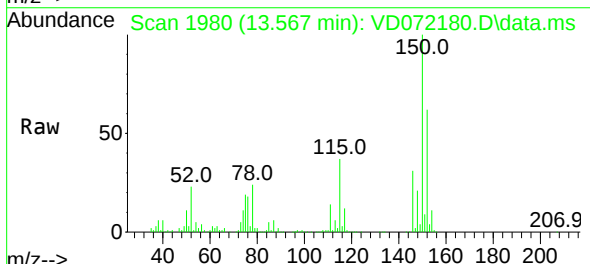
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

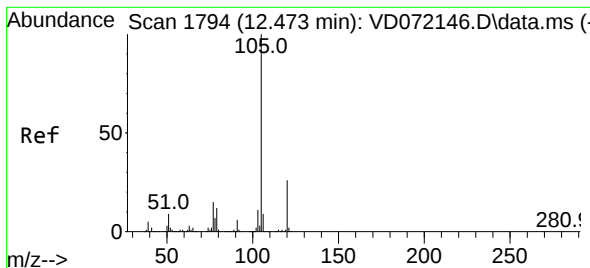
Tgt Ion:173 Resp: 133986
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:152 Resp: 285418
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 177.2 0.0 348.6





#73

Isopropylbenzene

Concen: 52.318 ug/l

RT: 12.473 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

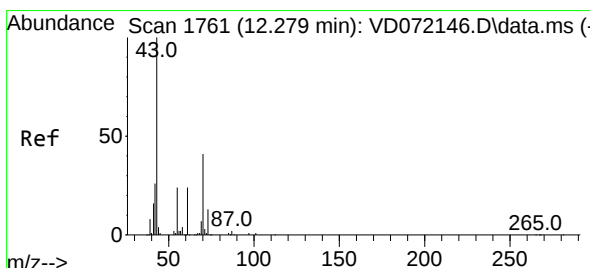
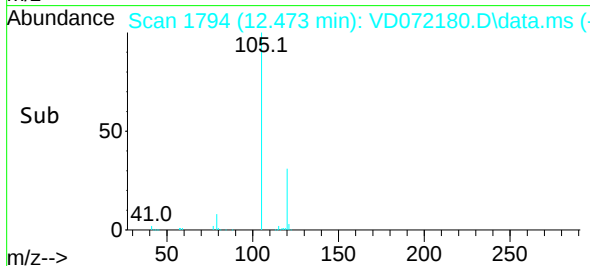
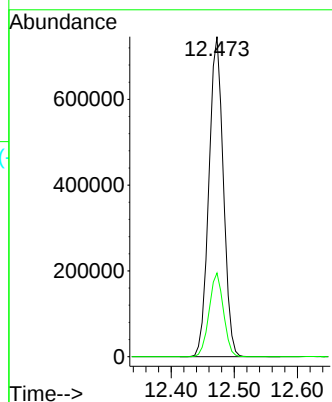
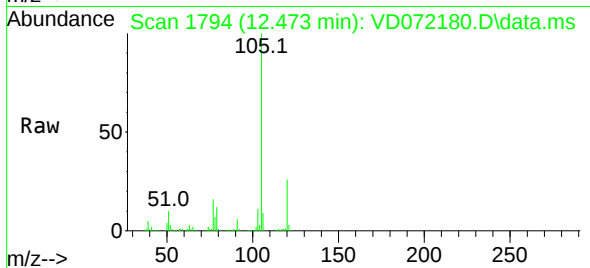
VSTDCCC050

Tgt Ion:105 Resp: 1183324

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 54.289 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Tgt Ion: 43 Resp: 263876

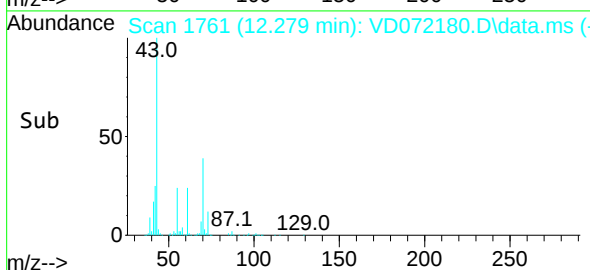
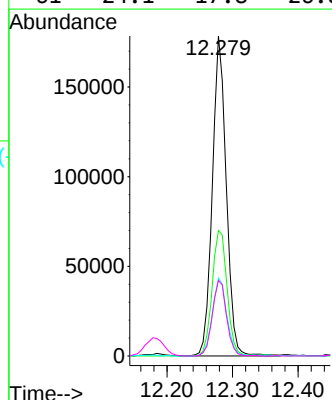
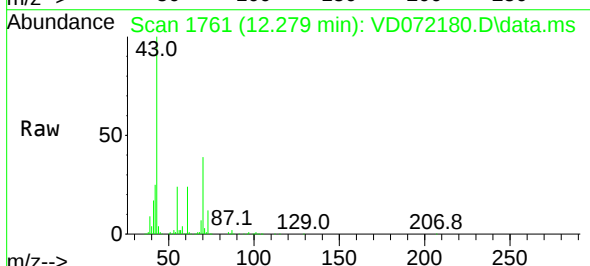
Ion Ratio Lower Upper

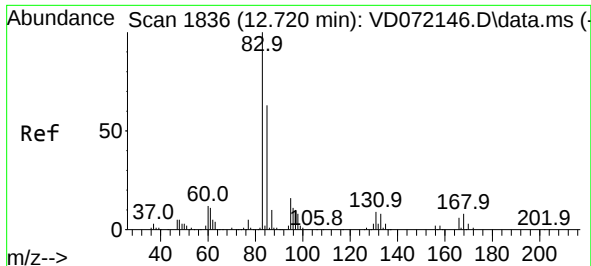
43 100

70 42.0 31.3 46.9

55 25.8 20.0 30.0

61 24.1 17.8 26.8

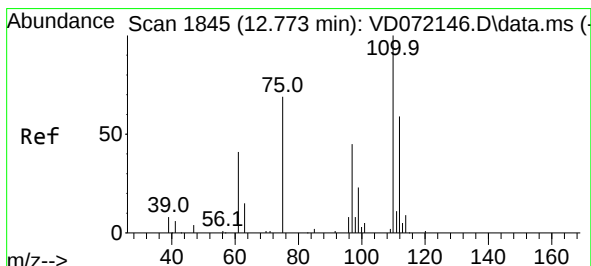
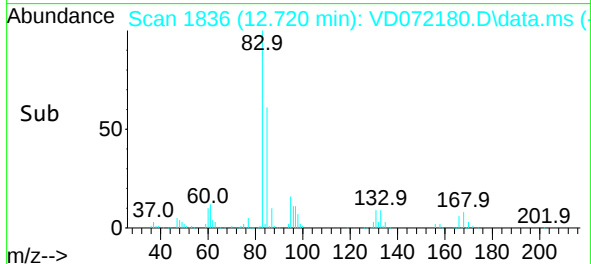
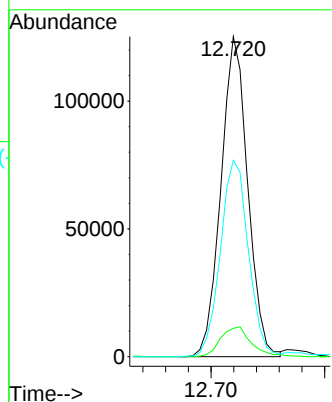
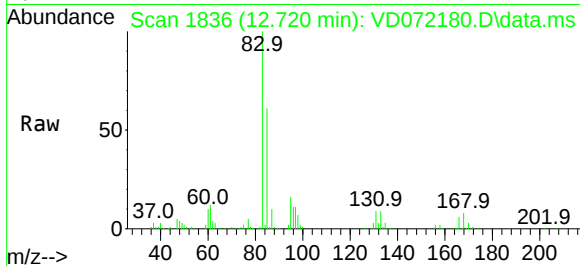




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.639 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

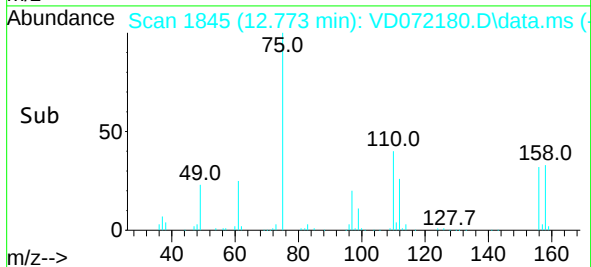
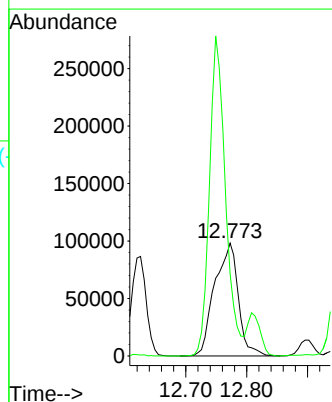
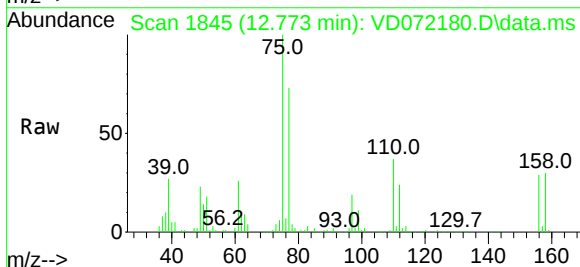
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

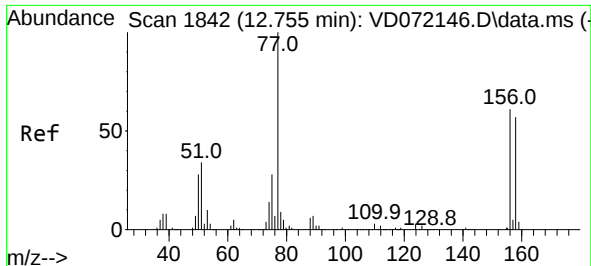
Tgt Ion: 83 Resp: 204844
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 64.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 84.006 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

Tgt Ion: 75 Resp: 264487
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

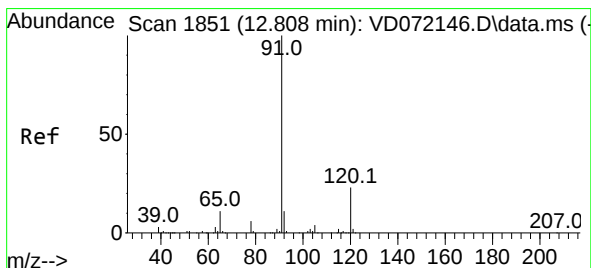
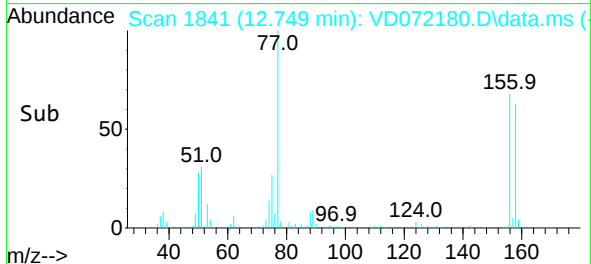
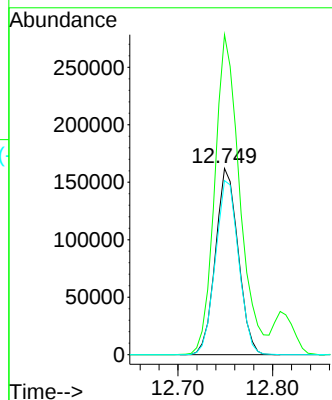
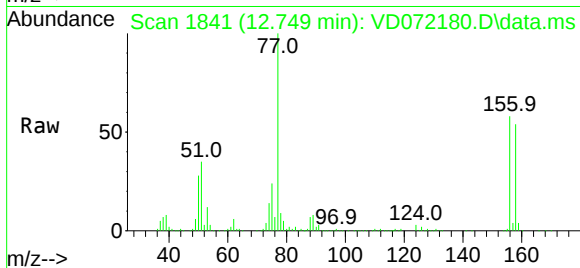




#77
Bromobenzene
Concen: 52.993 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

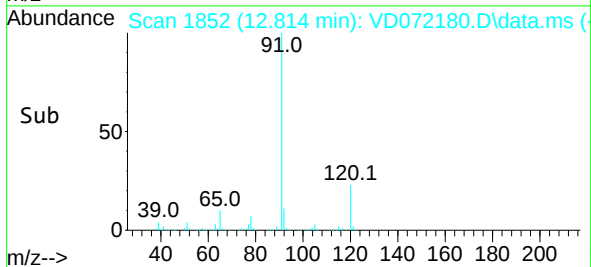
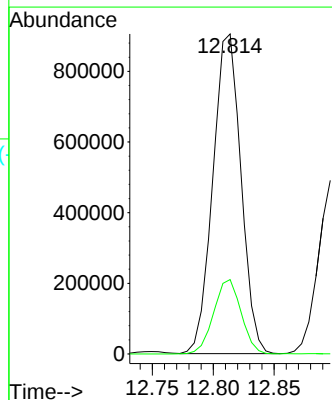
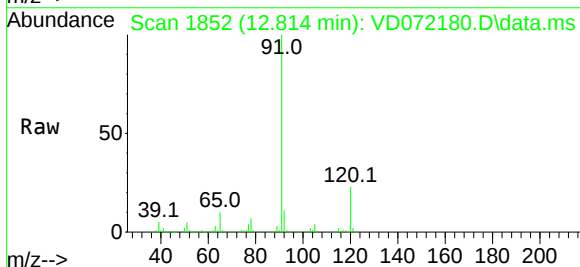
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

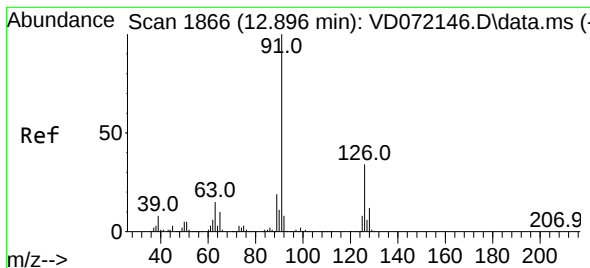
Tgt Ion:156 Resp: 269774
Ion Ratio Lower Upper
156 100
77 190.1 102.8 308.3
158 95.5 48.7 146.1



#78
n-propylbenzene
Concen: 52.865 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 91 Resp: 1452350
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.033 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

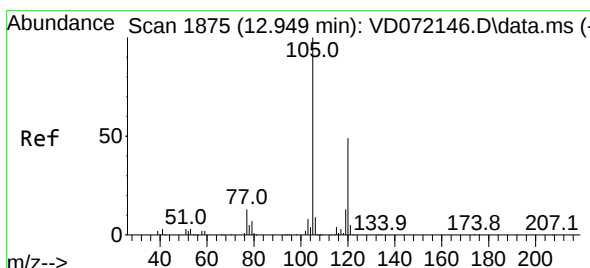
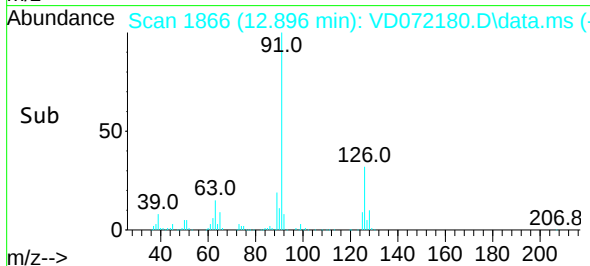
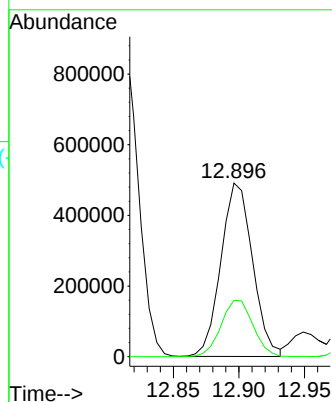
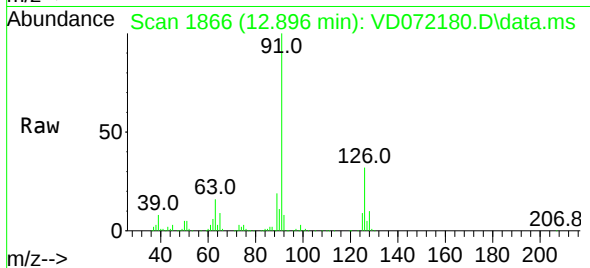
VSTDCCC050

Tgt Ion: 91 Resp: 826605

Ion Ratio Lower Upper

91 100

126 33.0 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 51.984 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD072180.D

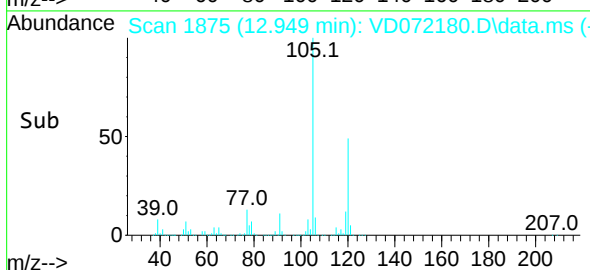
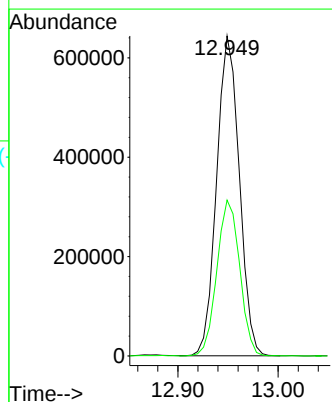
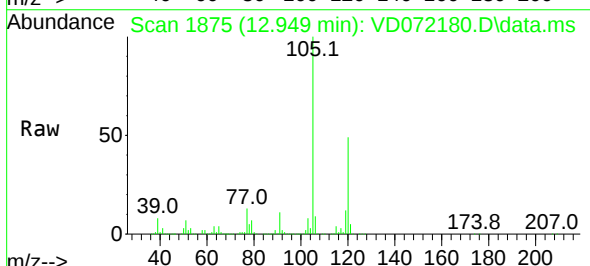
Acq: 15 Mar 2022 10:36

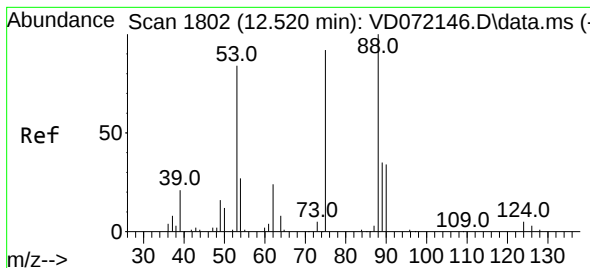
Tgt Ion: 105 Resp: 1010111

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

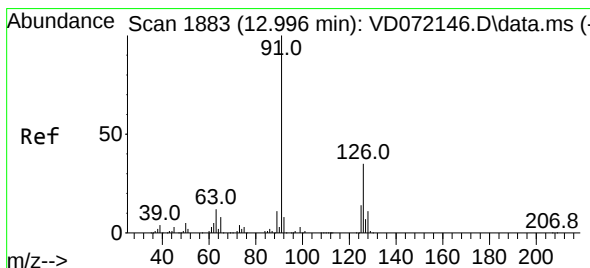
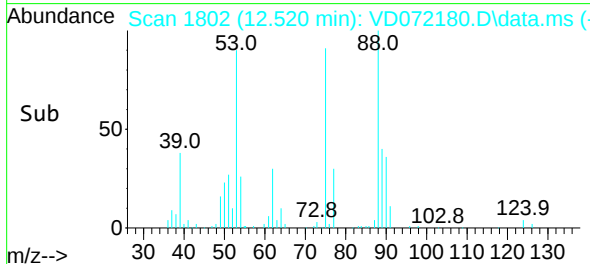
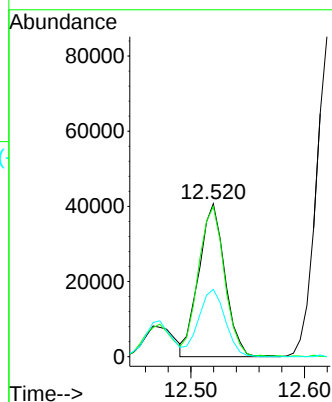
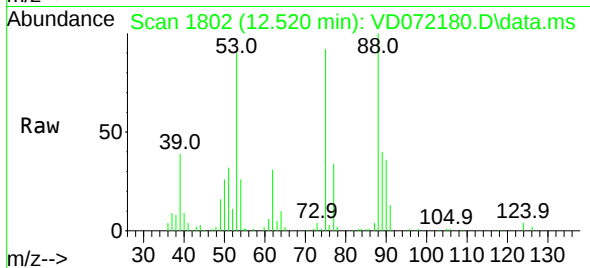




#81
trans-1,4-Dichloro-2-butene
Concen: 51.297 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

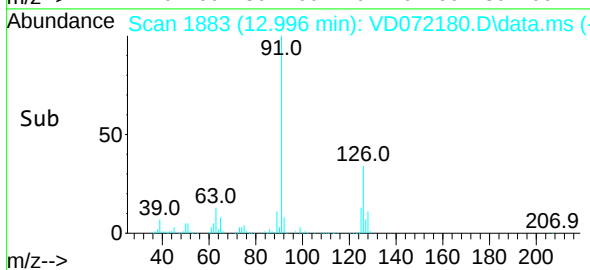
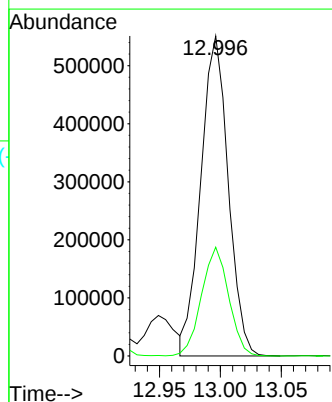
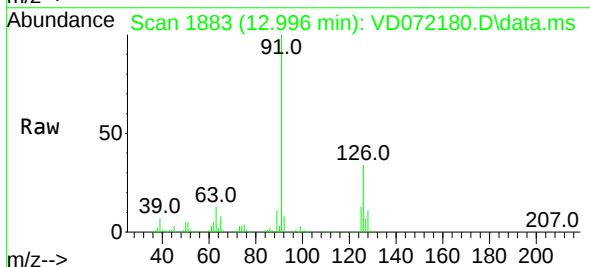
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

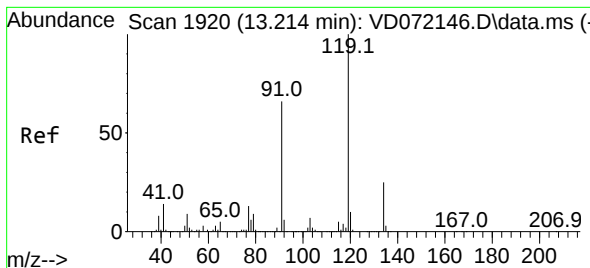
Tgt Ion: 75 Resp: 65094
Ion Ratio Lower Upper
75 100
53 98.7 86.5 129.7
89 45.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.493 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 91 Resp: 863454
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 51.500 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

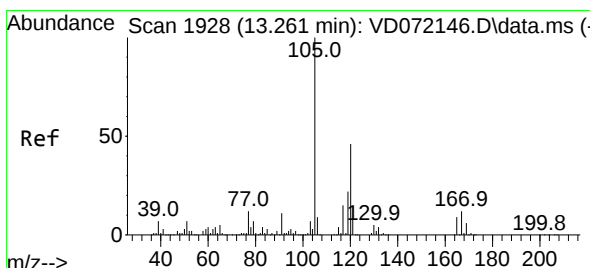
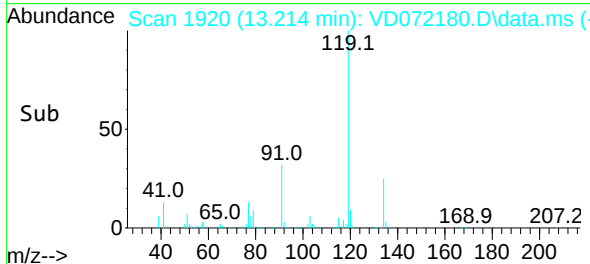
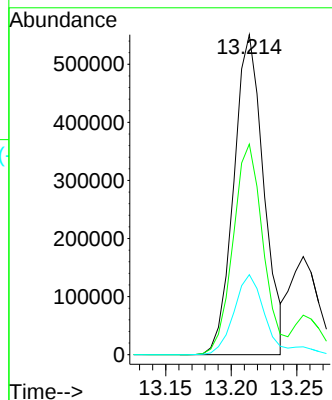
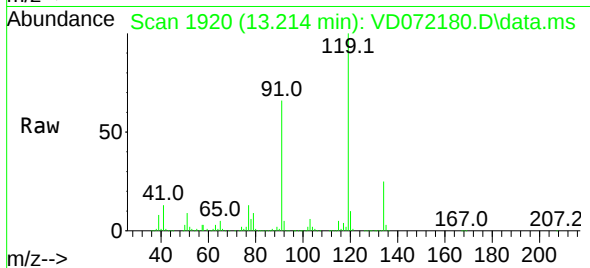
Tgt Ion:119 Resp: 877323

Ion Ratio Lower Upper

119 100

91 66.4 34.8 104.5

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.888 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072180.D

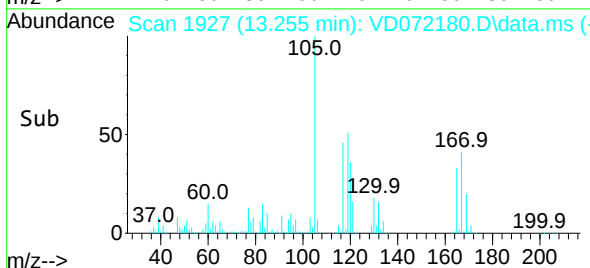
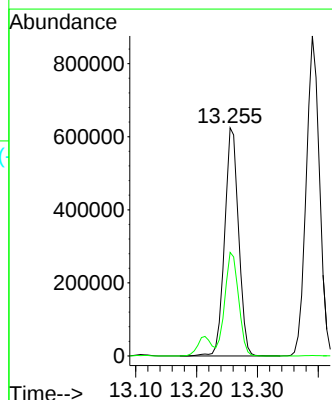
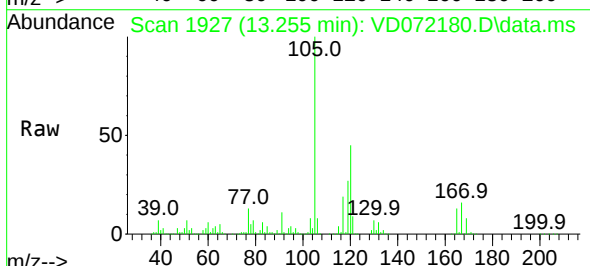
Acq: 15 Mar 2022 10:36

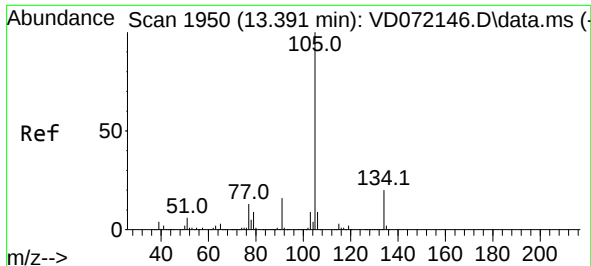
Tgt Ion:105 Resp: 993445

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.8

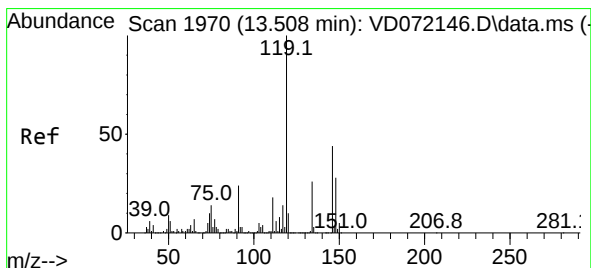
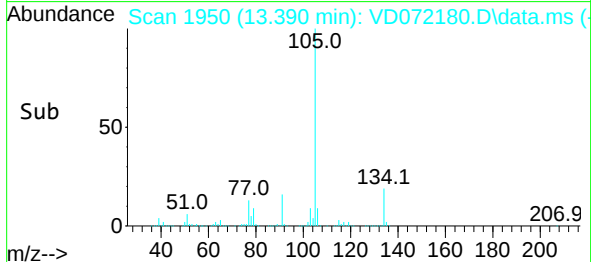
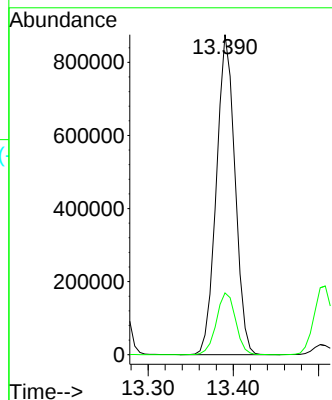
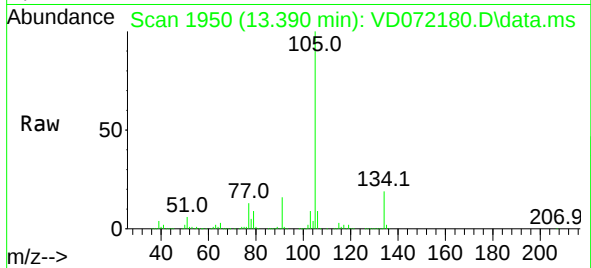




#85
 sec-Butylbenzene
 Concen: 51.906 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

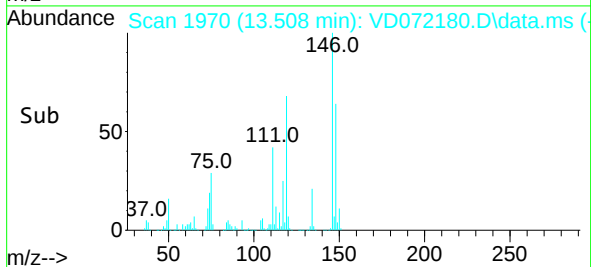
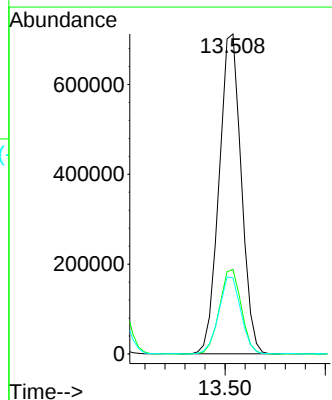
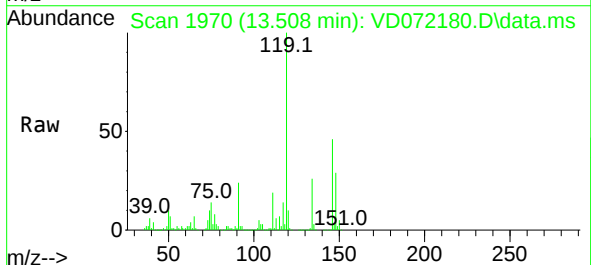
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

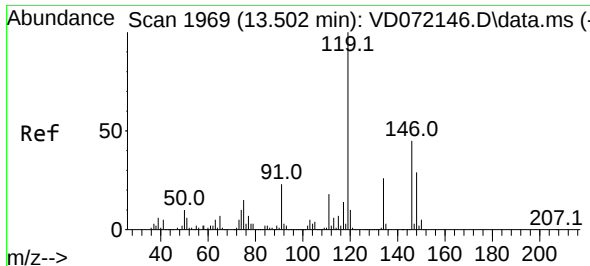
Tgt Ion:105 Resp: 1327901
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.881 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD072180.D
 Acq: 15 Mar 2022 10:36

Tgt Ion:119 Resp: 1092170
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.1 12.1 36.3

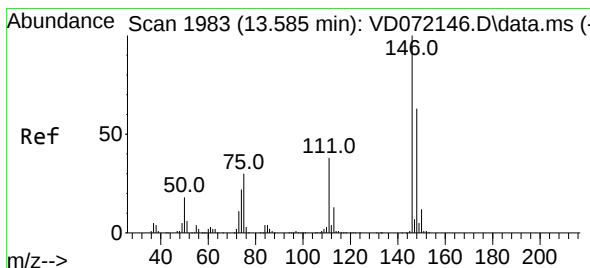
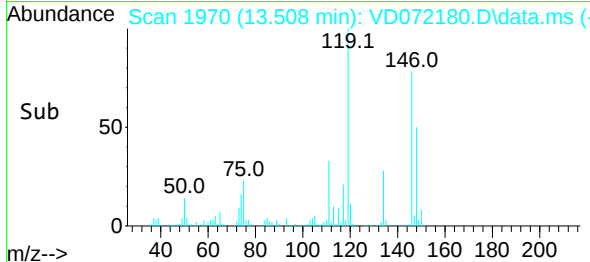
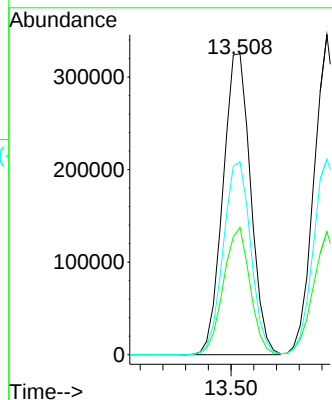
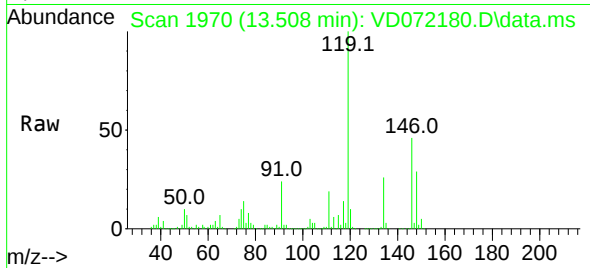




#87
1,3-Dichlorobenzene
Concen: 51.552 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

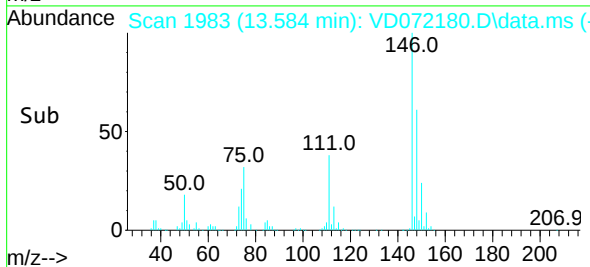
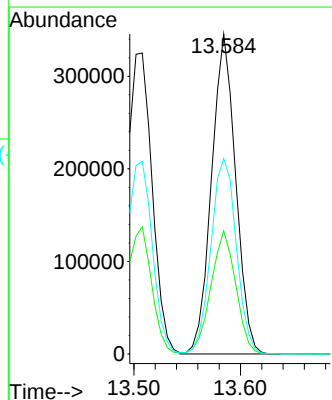
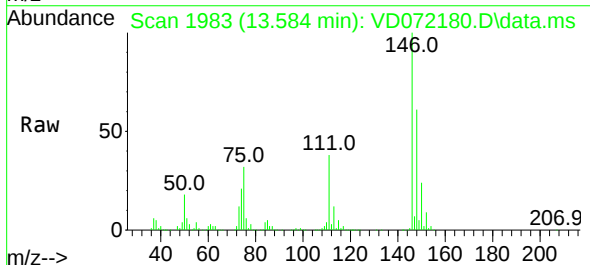
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

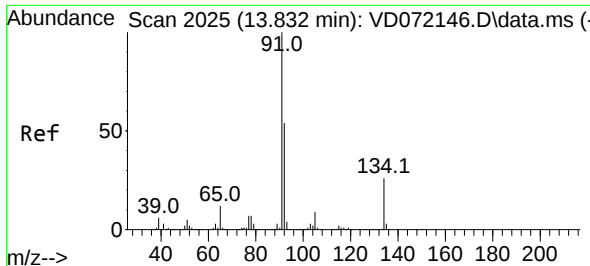
Tgt Ion:146 Resp: 550010
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.321 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion:146 Resp: 542960
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.5 31.7 95.1

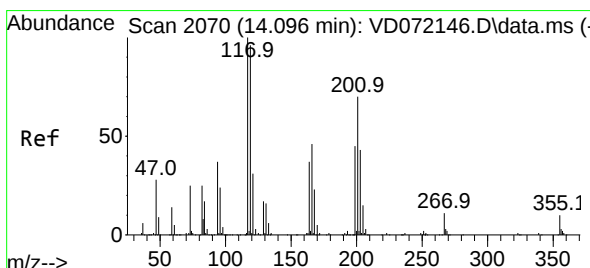
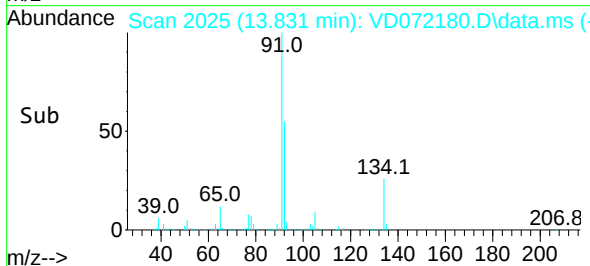
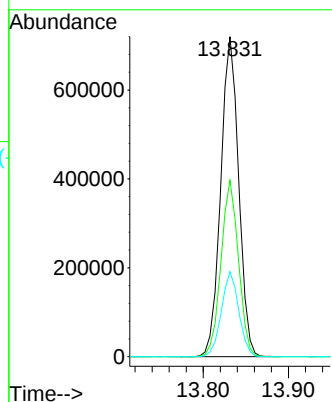
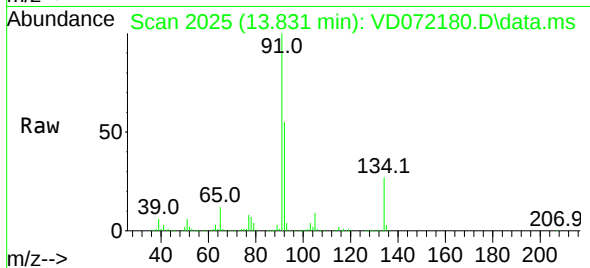




#89
n-Butylbenzene
Concen: 52.404 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

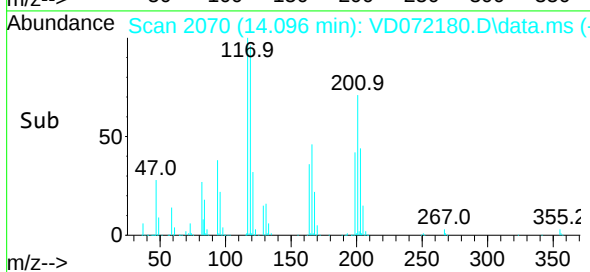
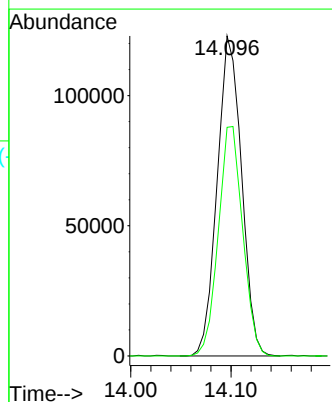
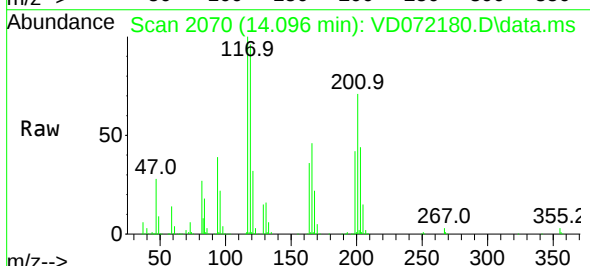
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

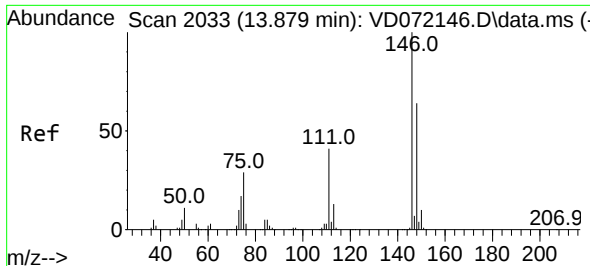
Tgt Ion: 91 Resp: 1051518
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 50.206 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 117 Resp: 207147
Ion Ratio Lower Upper
117 100
201 71.8 33.4 100.2

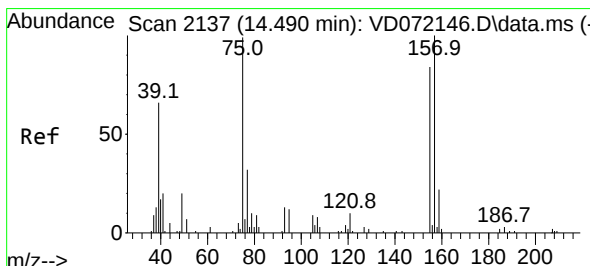
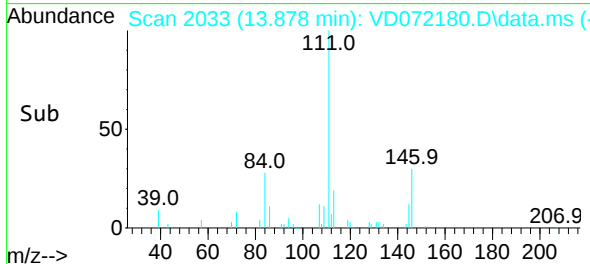
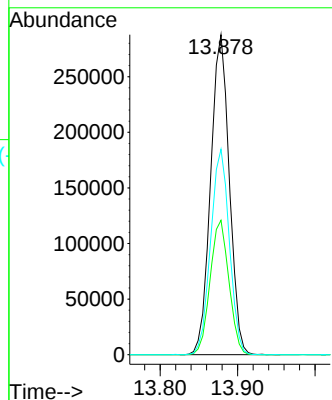
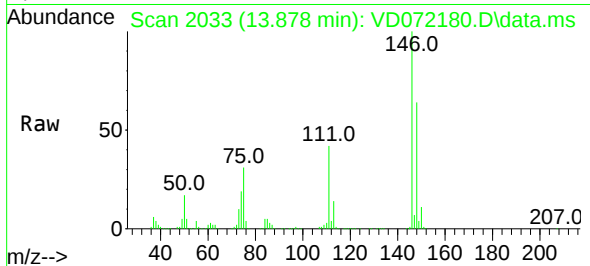




#91
1,2-Dichlorobenzene
Concen: 51.773 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

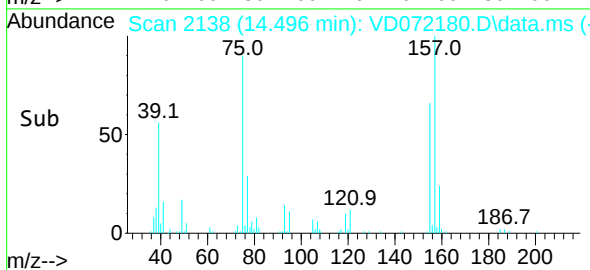
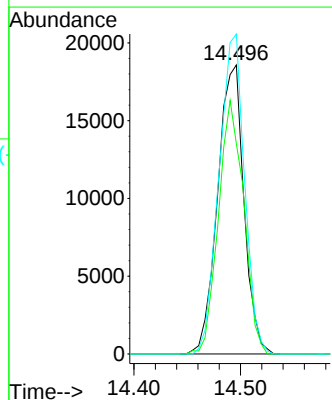
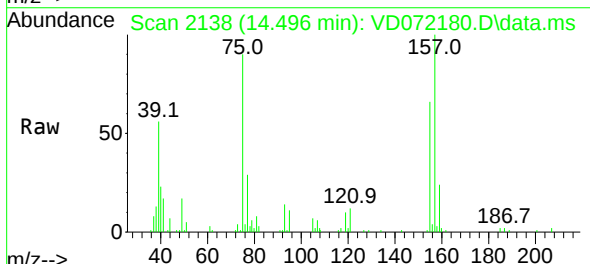
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

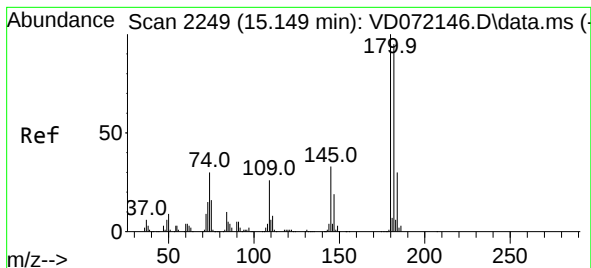
Tgt Ion:146 Resp: 481592
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.360 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD072180.D
Acq: 15 Mar 2022 10:36

Tgt Ion: 75 Resp: 31866
Ion Ratio Lower Upper
75 100
155 84.2 36.8 110.3
157 107.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 50.318 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

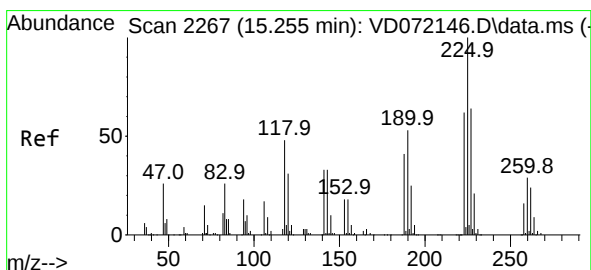
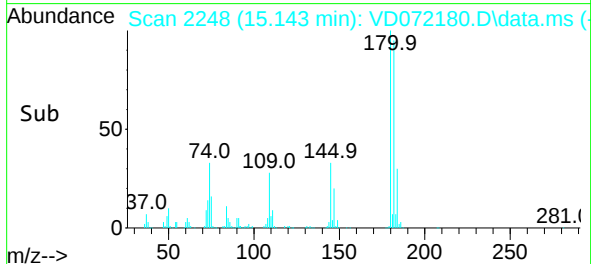
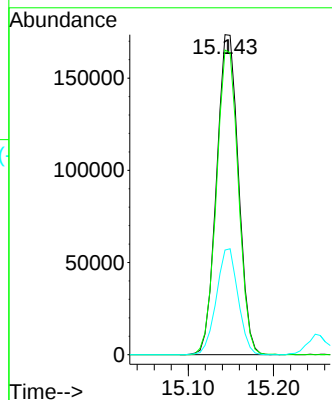
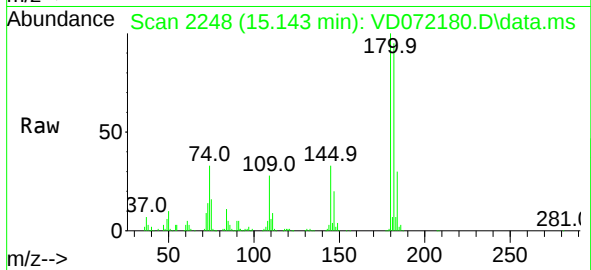
Tgt Ion:180 Resp: 309884

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.706 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

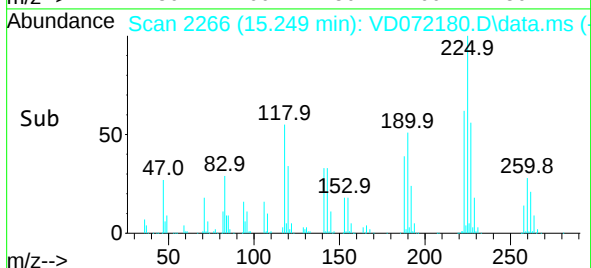
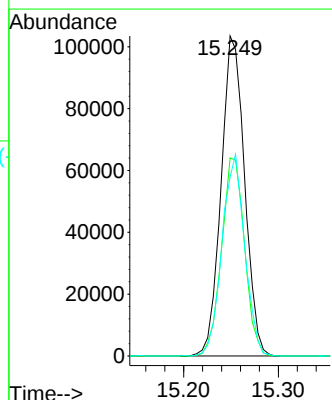
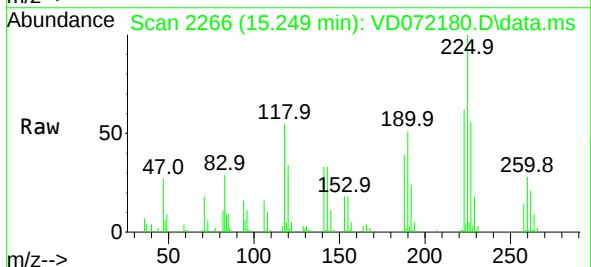
Tgt Ion:225 Resp: 178067

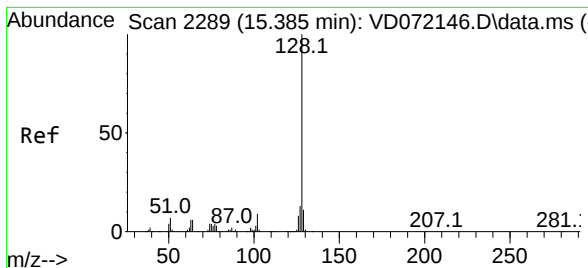
Ion Ratio Lower Upper

225 100

223 61.0 31.1 93.2

227 60.9 32.4 97.0





#95

Naphthalene

Concen: 51.438 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

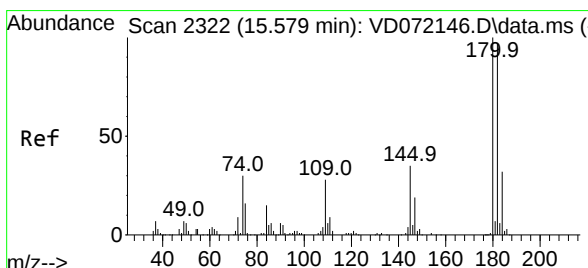
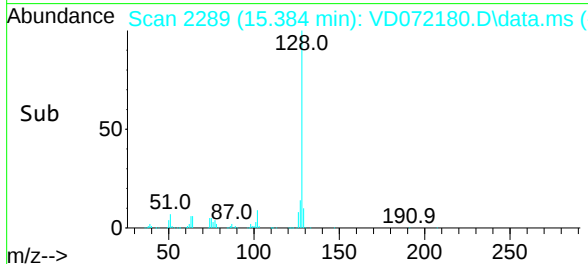
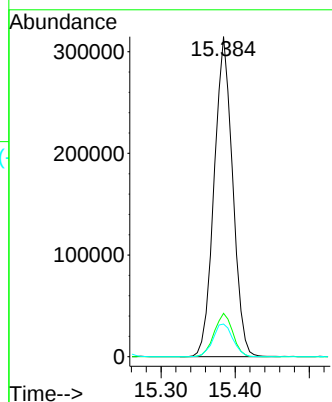
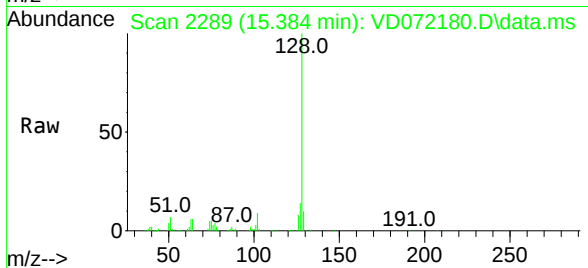
Tgt Ion:128 Resp: 546064

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.817 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD072180.D

Acq: 15 Mar 2022 10:36

Tgt Ion:180 Resp: 270891

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 33.7 17.1 51.3

