

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071859.D
 Acq On : 31 Jan 2022 21:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 04:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	365735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	634658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266915	57.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.480%	
35) Dibromofluoromethane	7.914	113	234618	56.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.480%	
50) Toluene-d8	10.338	98	864615	55.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.626	95	306678	56.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	213365	49.196	ug/l	100
3) Chloromethane	2.214	50	272809	52.539	ug/l	96
4) Vinyl Chloride	2.356	62	274371	50.471	ug/l	100
5) Bromomethane	2.773	94	187211	52.194	ug/l	98
6) Chloroethane	2.926	64	179321	52.051	ug/l	100
7) Trichlorofluoromethane	3.279	101	390130	50.076	ug/l	100
8) Diethyl Ether	3.714	74	115768	56.317	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	224531	51.085	ug/l	99
10) Methyl Iodide	4.308	142	249671	55.410	ug/l	99
11) Tert butyl alcohol	5.220	59	70601	257.640	ug/l	97
12) 1,1-Dichloroethene	4.073	96	211899	52.736	ug/l	94
13) Acrolein	3.926	56	97961	238.587	ug/l	98
14) Allyl chloride	4.720	41	421018	54.970	ug/l	100
15) Acrylonitrile	5.420	53	301547	288.626	ug/l	98
16) Acetone	4.156	43	326310	257.867	ug/l	99
17) Carbon Disulfide	4.414	76	721458	51.494	ug/l	99
18) Methyl Acetate	4.720	43	138178	50.505	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	553522	57.584	ug/l	99
20) Methylene Chloride	4.973	84	255831	55.824	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	254712	54.453	ug/l	97
22) Diisopropyl ether	6.367	45	891539	59.391	ug/l	98
23) Vinyl Acetate	6.308	43	2545039	307.328	ug/l	99
24) 1,1-Dichloroethane	6.267	63	491265	56.147	ug/l	97
25) 2-Butanone	7.214	43	425499	288.435	ug/l	99
26) 2,2-Dichloropropane	7.208	77	377983	52.203	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	280835	55.898	ug/l	98
28) Bromochloromethane	7.550	49	172847	52.375	ug/l	99
29) Tetrahydrofuran	7.561	42	256670	294.057	ug/l	99
30) Chloroform	7.714	83	490486	54.871	ug/l	99
31) Cyclohexane	7.991	56	445861	50.521	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	418817	53.119	ug/l	98
36) 1,1-Dichloropropene	8.108	75	371708	51.913	ug/l	98
37) Ethyl Acetate	7.297	43	180604	54.252	ug/l	98
38) Carbon Tetrachloride	8.097	117	362401	51.179	ug/l	99
39) Methylcyclohexane	9.355	83	427233	51.495	ug/l	96
40) Benzene	8.355	78	1041590	53.890	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	108184	57.443	ug/l	95
42) 1,2-Dichloroethane	8.426	62	334643	54.830	ug/l	99
43) Isopropyl Acetate	8.449	43	331057	55.331	ug/l	99
44) Trichloroethene	9.114	130	258945	51.888	ug/l	98
45) 1,2-Dichloropropane	9.385	63	271941	54.566	ug/l	96
46) Dibromomethane	9.473	93	145502	55.759	ug/l	99
47) Bromodichloromethane	9.661	83	380648	55.156	ug/l	99
48) Methyl methacrylate	9.455	41	179998	56.844	ug/l	99
49) 1,4-Dioxane	9.461	88	31409	1054.533	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	904930	289.016	ug/l	99
52) Toluene	10.402	92	658986	54.829	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	347174	54.772	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	406870	54.761	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	192175	55.489	ug/l	94
56) Ethyl methacrylate	10.655	69	250633	58.451	ug/l	99
57) 1,3-Dichloropropane	10.943	76	349145	56.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	560822	277.834	ug/l	100
59) 2-Hexanone	10.979	43	638208	280.833	ug/l	99
60) Dibromochloromethane	11.138	129	237567	55.549	ug/l	98
61) 1,2-Dibromoethane	11.243	107	185431	55.572	ug/l	100
64) Tetrachloroethene	10.873	164	215266	50.697	ug/l	96
65) Chlorobenzene	11.667	112	676106	53.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	245201	53.073	ug/l	98
67) Ethyl Benzene	11.738	91	1262096	54.010	ug/l	100
68) m/p-Xylenes	11.849	106	964256	108.487	ug/l	99
69) o-Xylene	12.173	106	450626	55.789	ug/l	98
70) Styrene	12.190	104	788428	56.630	ug/l	99
71) Bromoform	12.355	173	132189	53.588	ug/l #	99
73) Isopropylbenzene	12.473	105	1184682	52.392	ug/l	99
74) N-amyl acetate	12.285	43	315824	56.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	216541	51.749	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	289991	94.232	ug/l #	100
77) Bromobenzene	12.755	156	263625	52.412	ug/l	99
78) n-propylbenzene	12.814	91	1491397	52.601	ug/l	100
79) 2-Chlorotoluene	12.902	91	843358	52.489	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1010267	53.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	65671	52.469	ug/l	98
82) 4-Chlorotoluene	12.996	91	888346	53.143	ug/l	99
83) tert-Butylbenzene	13.214	119	816259	52.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1001288	54.273	ug/l	99
85) sec-Butylbenzene	13.390	105	1270839	52.253	ug/l	100
86) p-Isopropyltoluene	13.508	119	1068208	54.050	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	528080	51.703	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	520393	51.052	ug/l	99
89) n-Butylbenzene	13.832	91	1016191	52.408	ug/l	100
90) Hexachloroethane	14.102	117	203299	51.751	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	458021	52.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	36209	52.250	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	273327	53.530	ug/l	98
94) Hexachlorobutadiene	15.255	225	139320	50.040	ug/l	99
95) Naphthalene	15.384	128	523700	51.580	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	238930	54.593	ug/l	98

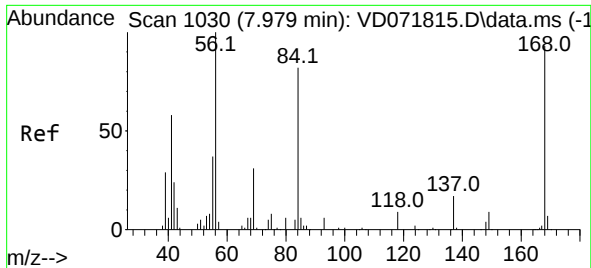
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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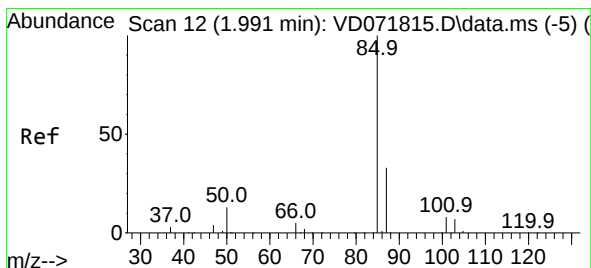
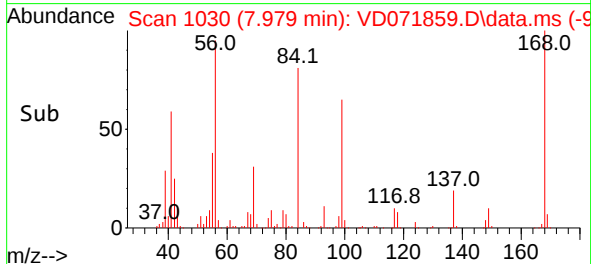
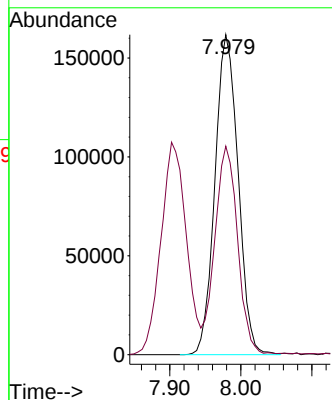
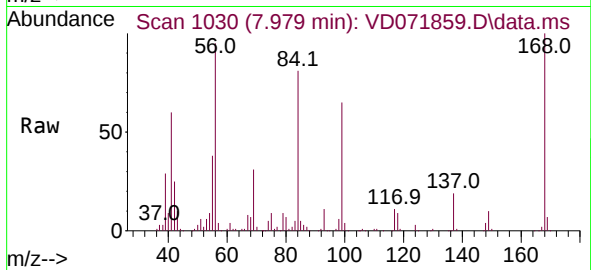
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

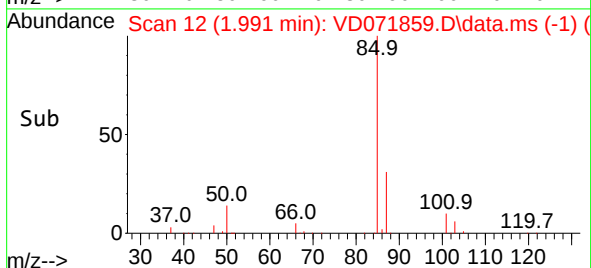
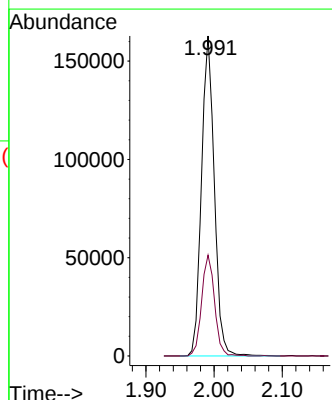
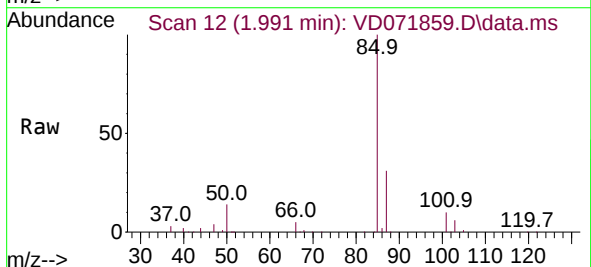
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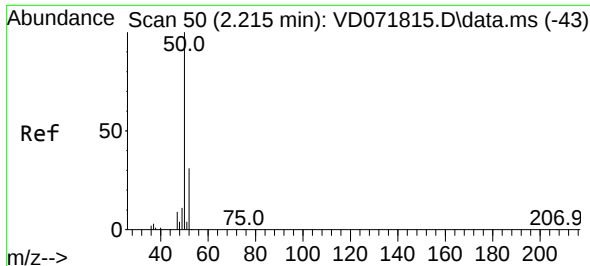
Tgt Ion:168 Resp: 365735
Ion Ratio Lower Upper
168 100
99 64.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.196 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 85 Resp: 213365
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

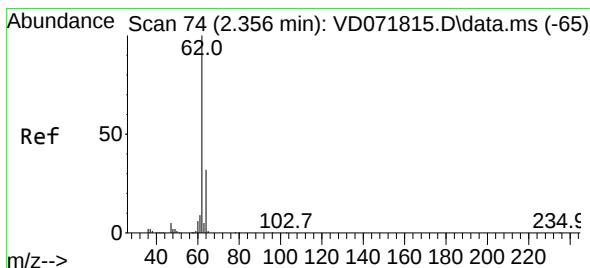
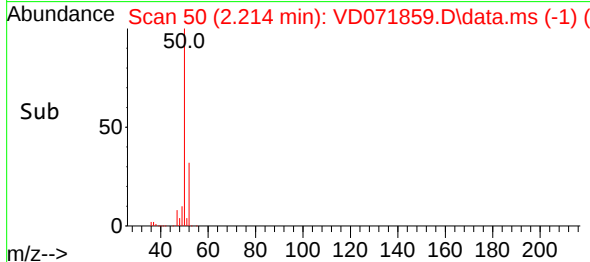
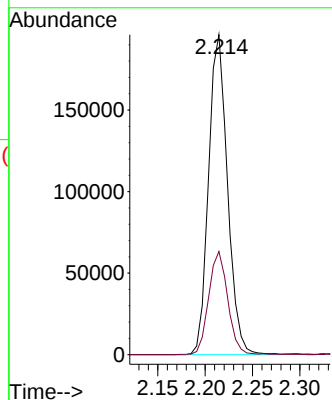
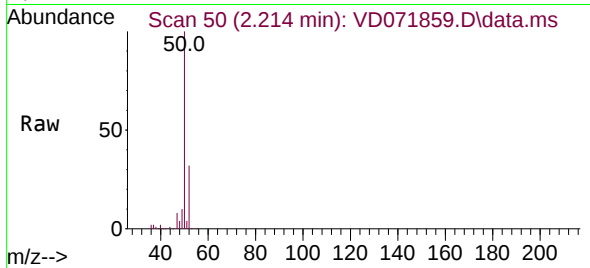




#3
Chloromethane
Concen: 52.539 ug/l
RT: 2.214 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

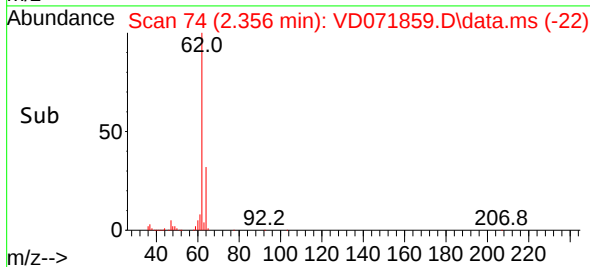
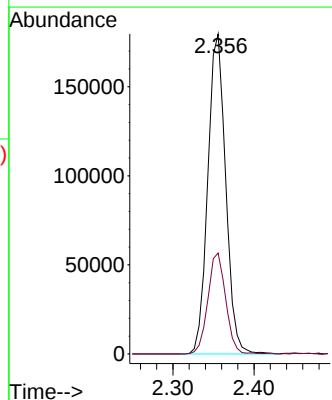
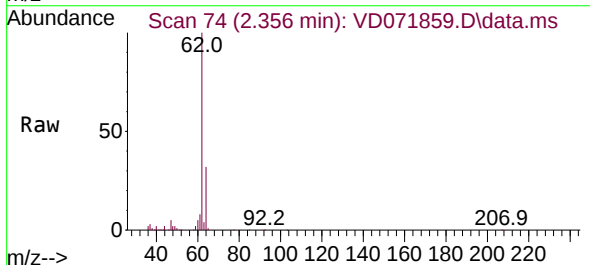
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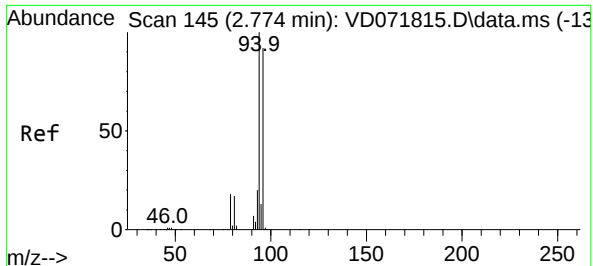
Tgt Ion: 50 Resp: 272809
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 50.471 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 62 Resp: 274371
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

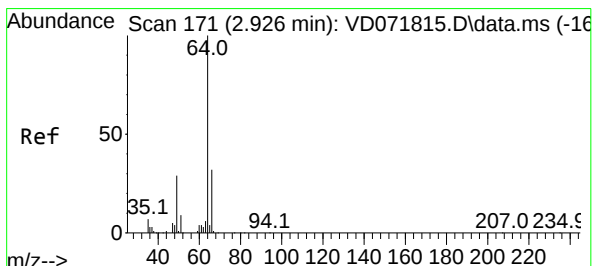
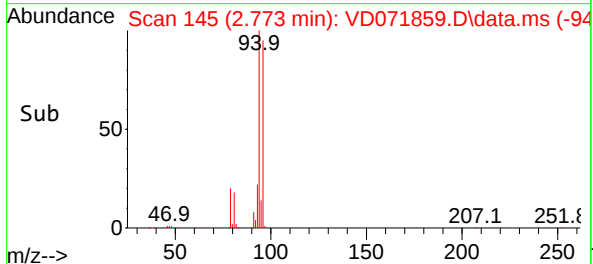
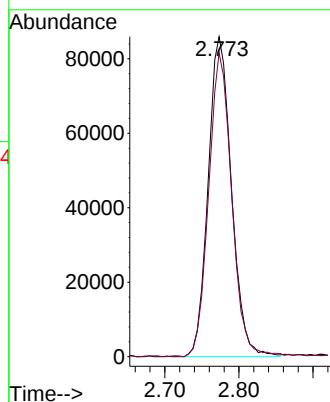
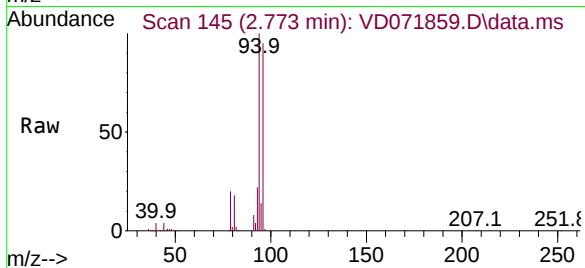




#5
Bromomethane
Concen: 52.194 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

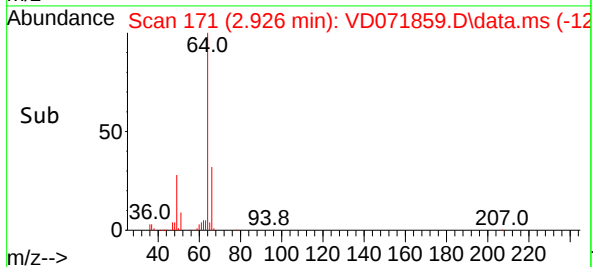
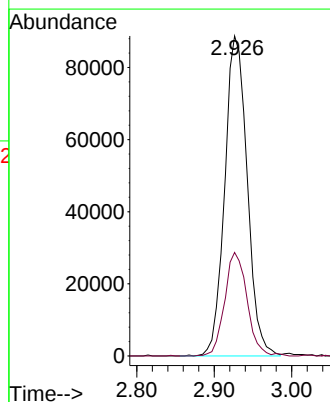
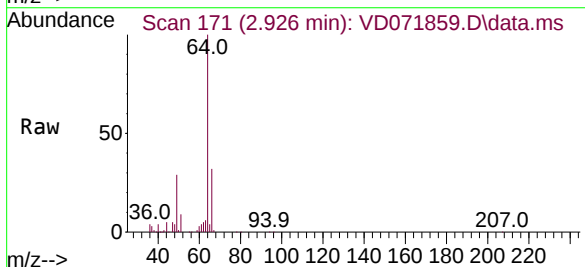
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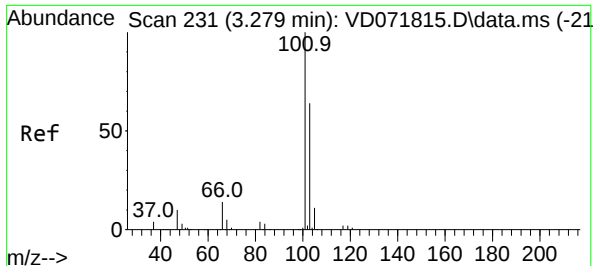
Tgt Ion: 94 Resp: 187211
Ion Ratio Lower Upper
94 100
96 94.7 77.6 116.4



#6
Chloroethane
Concen: 52.051 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 64 Resp: 179321
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9

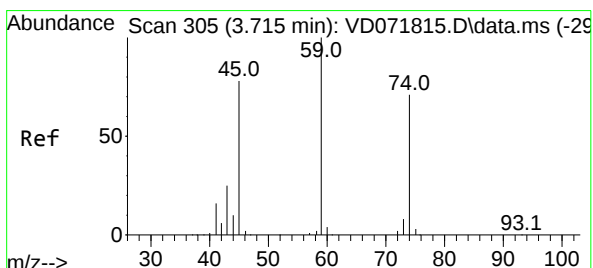
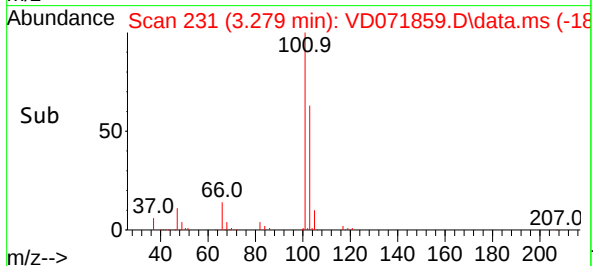
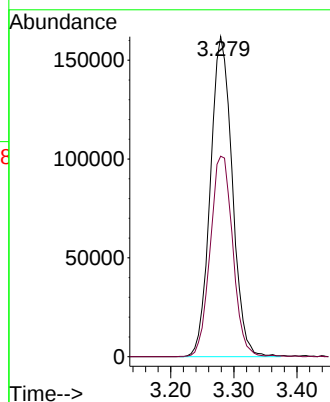
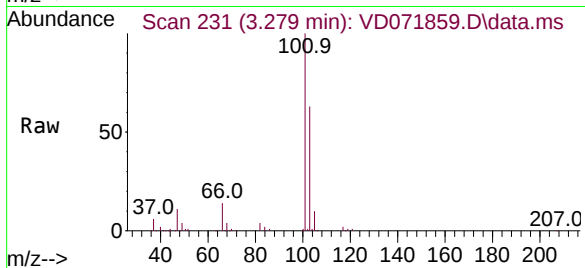




#7
 Trichlorofluoromethane
 Concen: 50.076 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

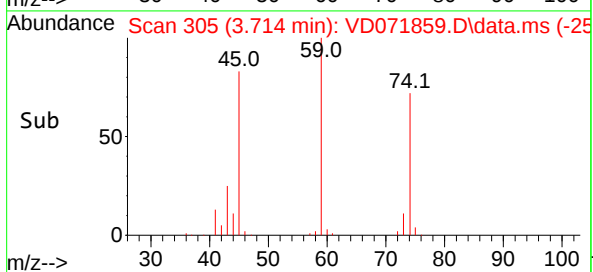
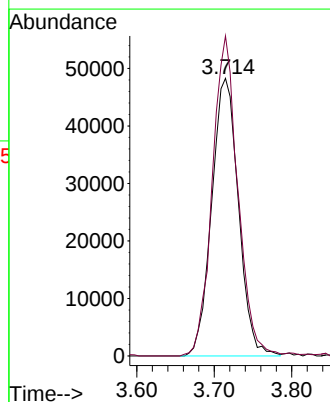
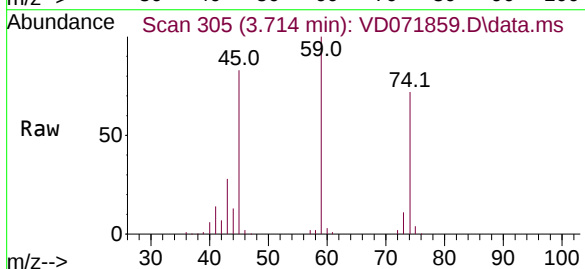
Instrument :
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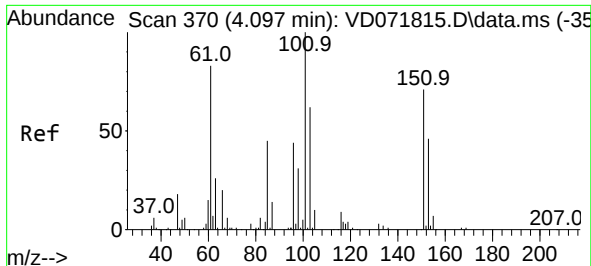
Tgt Ion:101 Resp: 390130
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 56.317 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

Tgt Ion: 74 Resp: 115768
 Ion Ratio Lower Upper
 74 100
 45 110.1 52.6 157.8

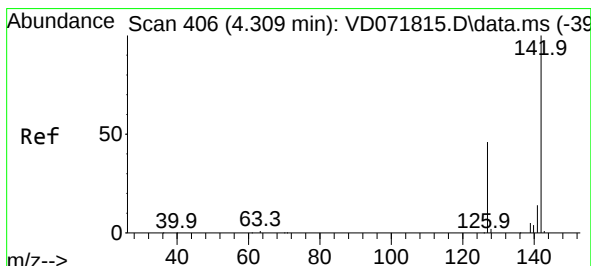
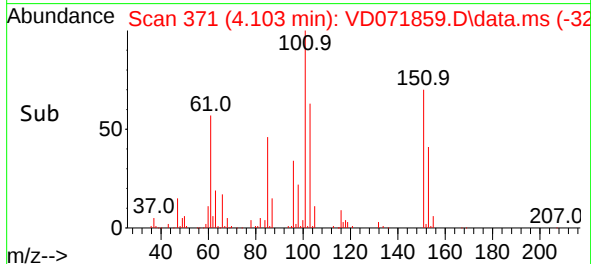
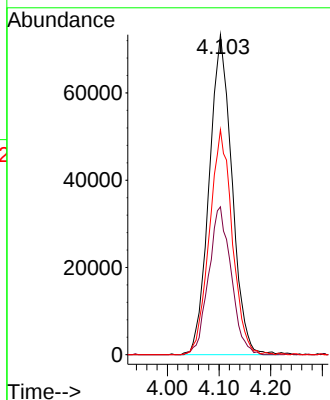
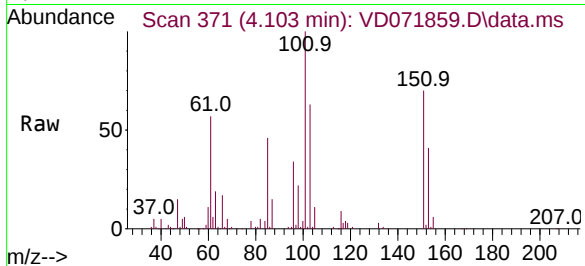




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.085 ug/l
RT: 4.103 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071859.D
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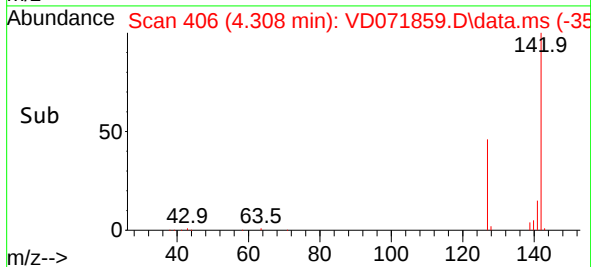
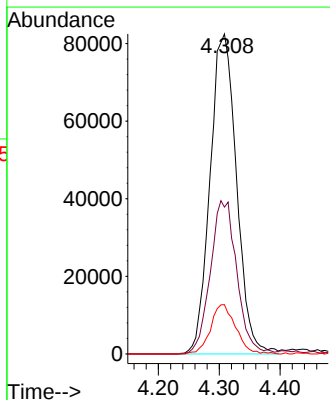
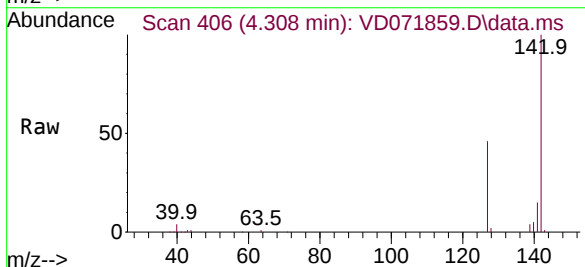
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

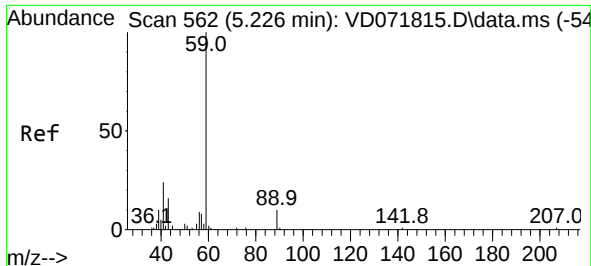
Tgt Ion:101 Resp: 224531
Ion Ratio Lower Upper
101 100
85 45.7 36.4 54.6
151 70.3 57.3 85.9



#10
Methyl Iodide
Concen: 55.410 ug/l
RT: 4.308 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:142 Resp: 249671
Ion Ratio Lower Upper
142 100
127 47.8 37.3 55.9
141 14.7 11.7 17.5

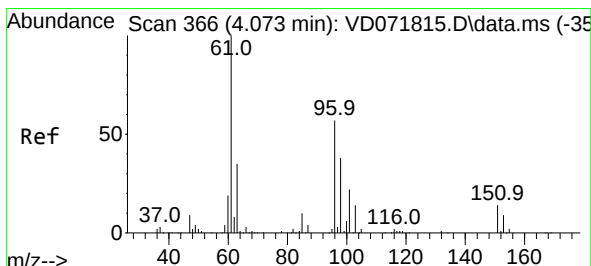
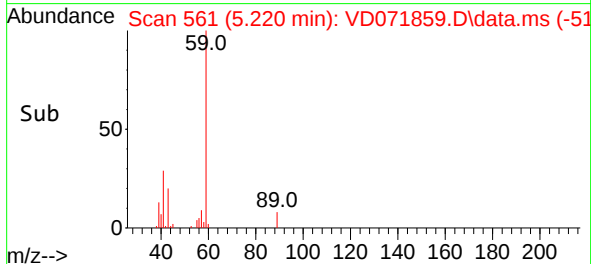
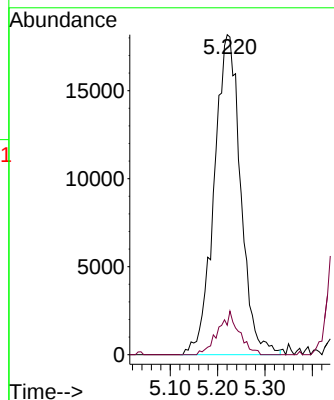
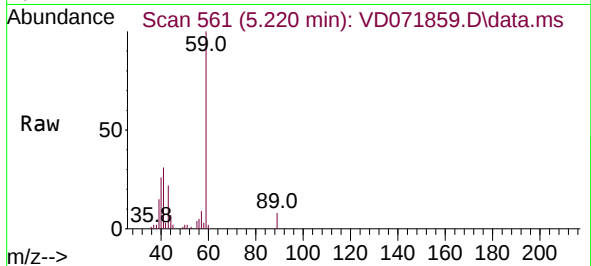




#11
Tert butyl alcohol
Concen: 257.640 ug/l
RT: 5.220 min Scan# 501
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

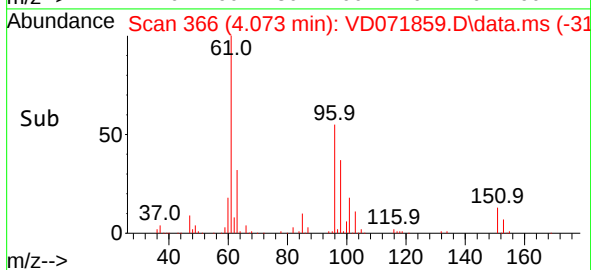
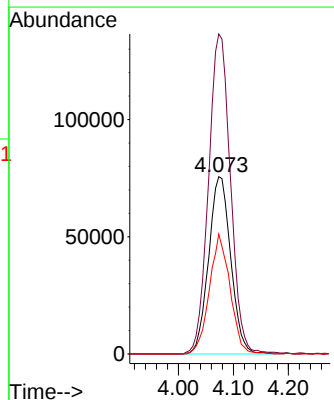
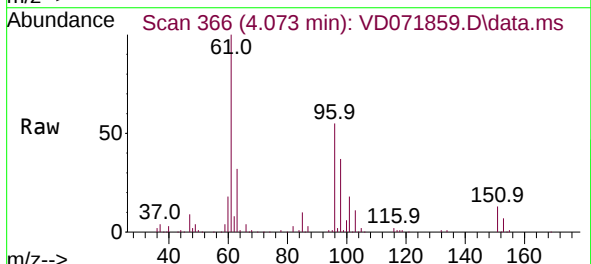
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

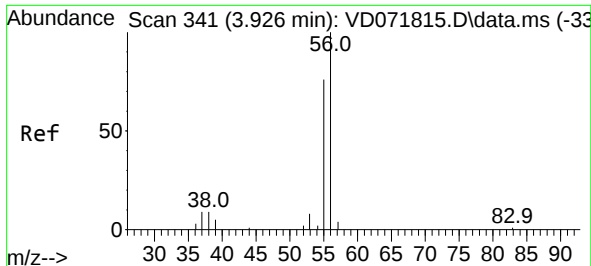
Tgt Ion: 59 Resp: 70601
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 52.736 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 96 Resp: 211899
Ion Ratio Lower Upper
96 100
61 180.5 138.5 207.7
98 67.6 48.6 73.0





#13

Acrolein

Concen: 238.587 ug/l

RT: 3.926 min Scan# 341

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

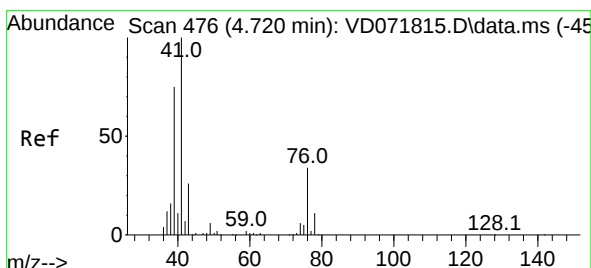
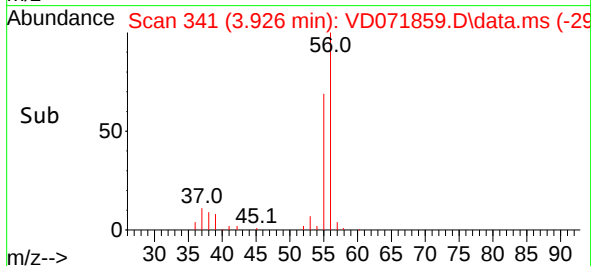
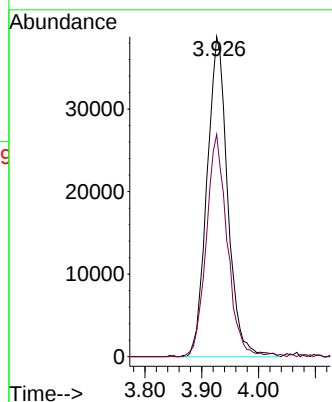
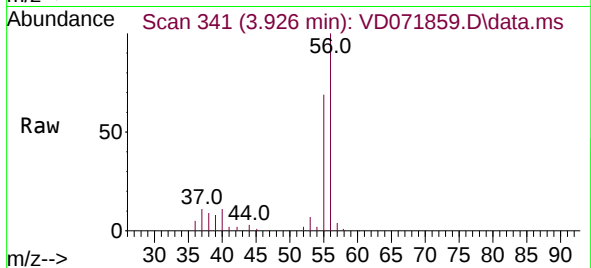
VSTDCCC050EC

Tgt Ion: 56 Resp: 97961

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 54.970 ug/l

RT: 4.720 min Scan# 476

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

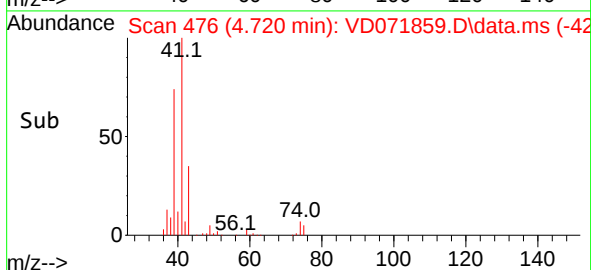
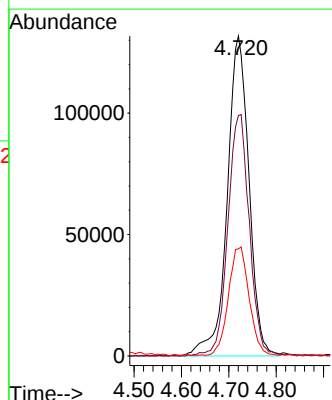
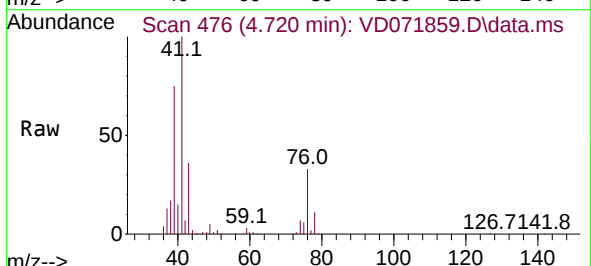
Tgt Ion: 41 Resp: 421018

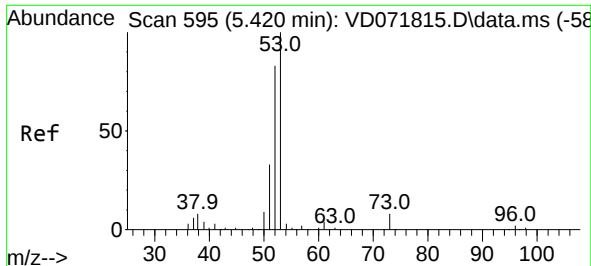
Ion Ratio Lower Upper

41 100

39 74.2 59.3 88.9

76 32.1 25.7 38.5

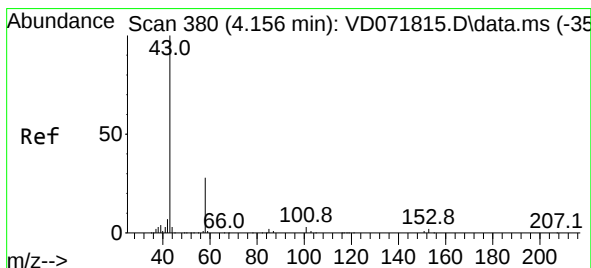
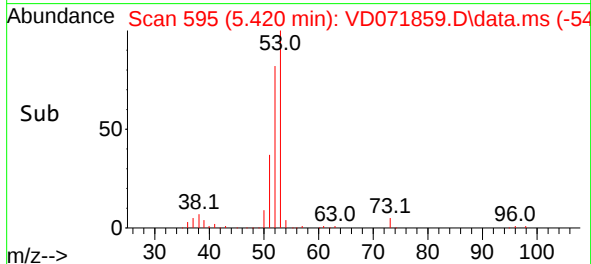
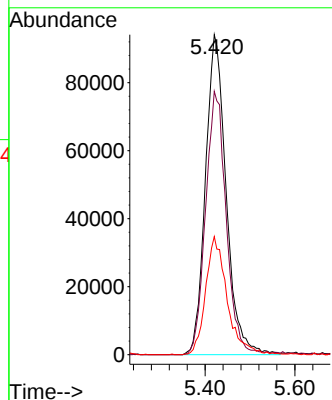
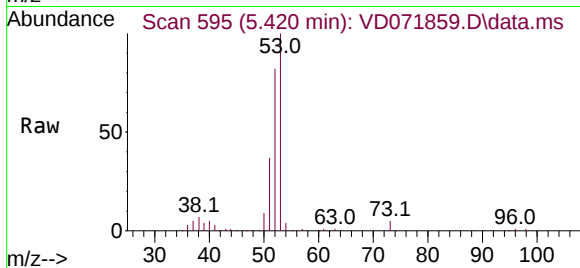




#15
Acrylonitrile
Concen: 288.626 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

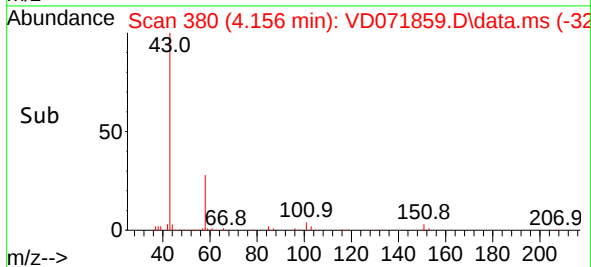
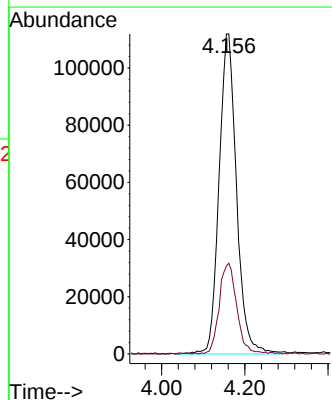
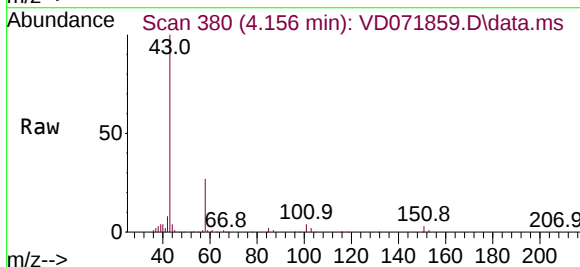
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

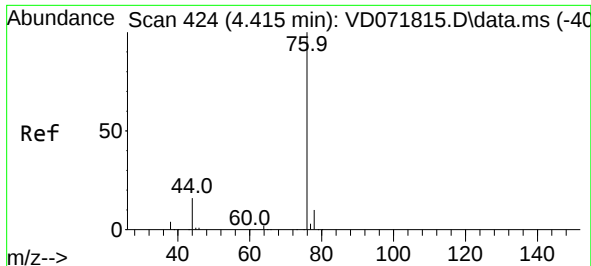
Tgt Ion: 53 Resp: 301547
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 38.4 30.3 45.5



#16
Acetone
Concen: 257.867 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 43 Resp: 326310
Ion Ratio Lower Upper
43 100
58 27.2 22.1 33.1

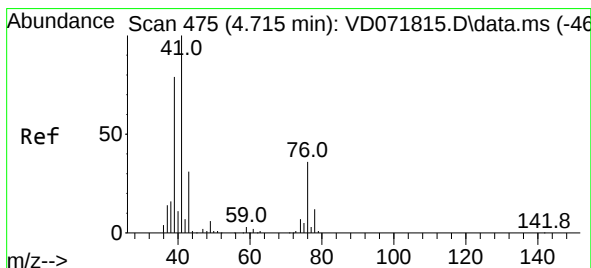
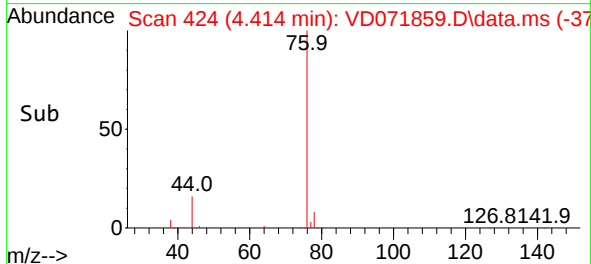
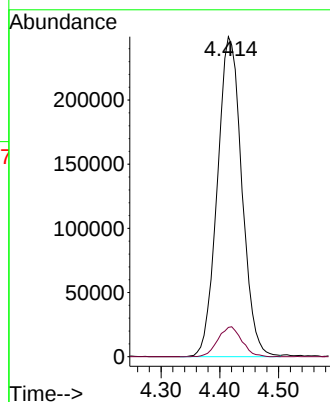
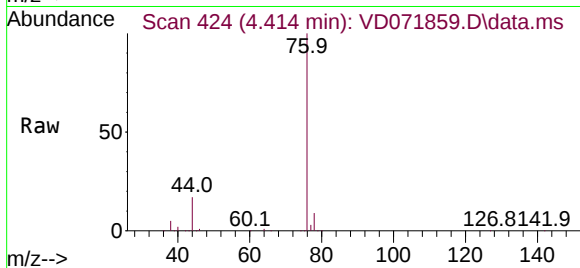




#17
Carbon Disulfide
Concen: 51.494 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

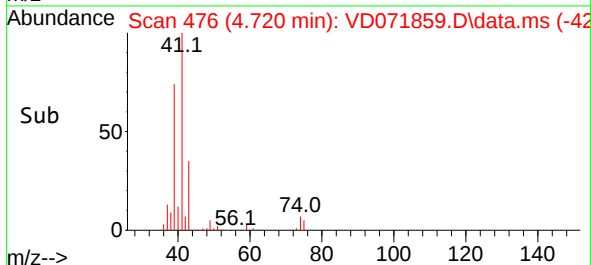
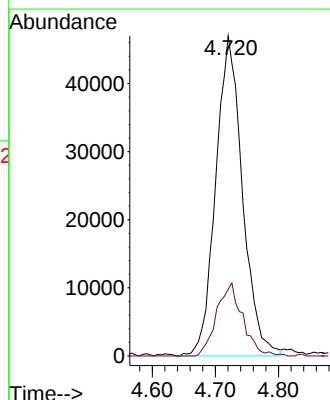
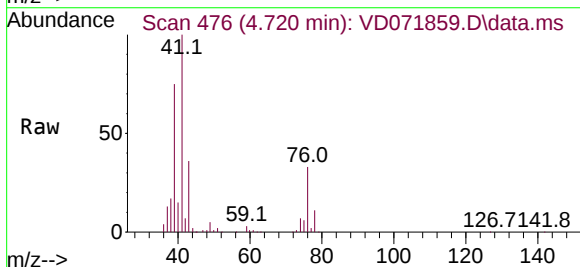
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

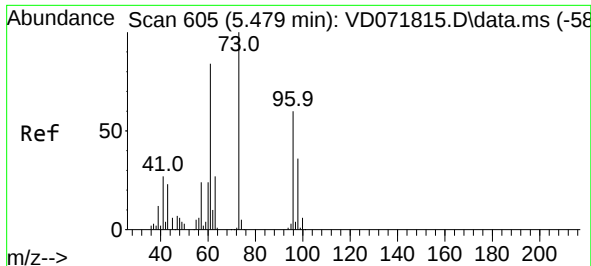
Tgt Ion: 76 Resp: 721458
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 50.505 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 43 Resp: 138178
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1

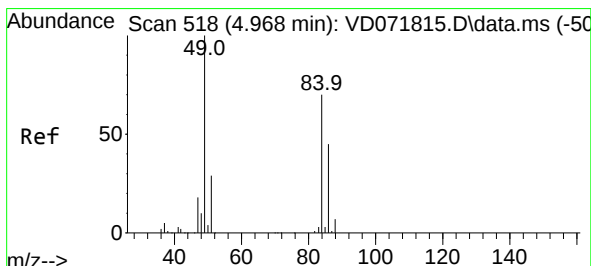
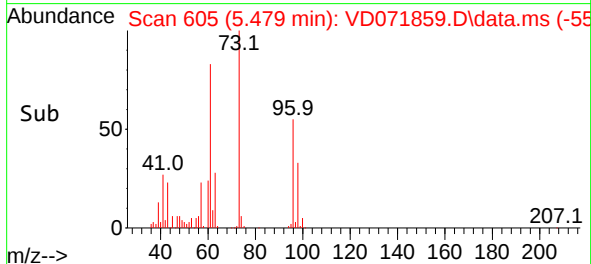
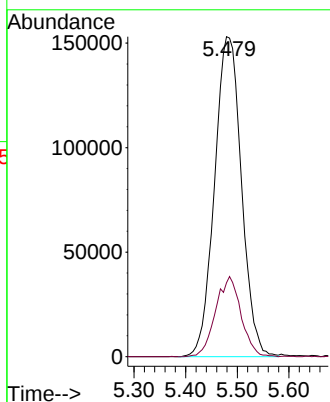
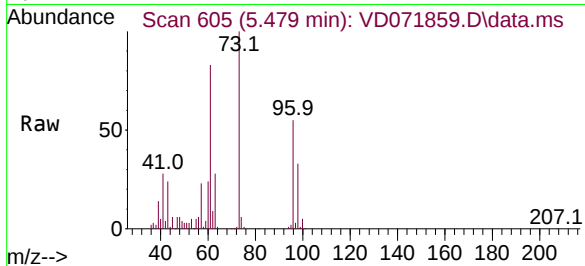




#19
Methyl tert-butyl Ether
Concen: 57.584 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

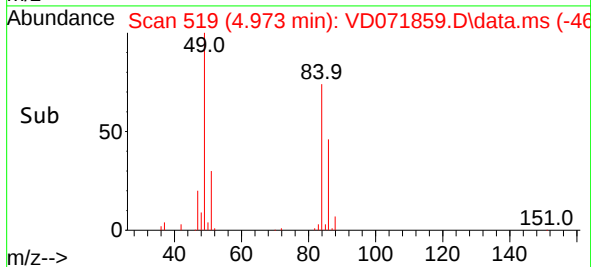
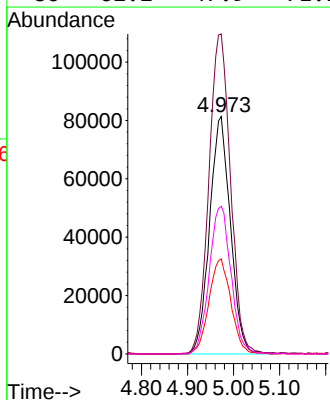
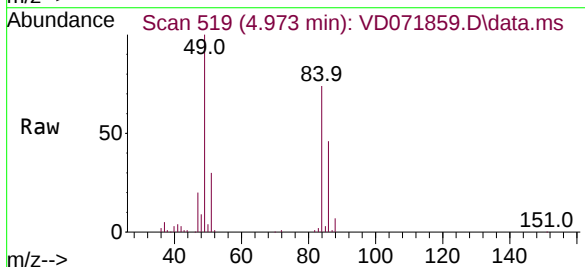
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

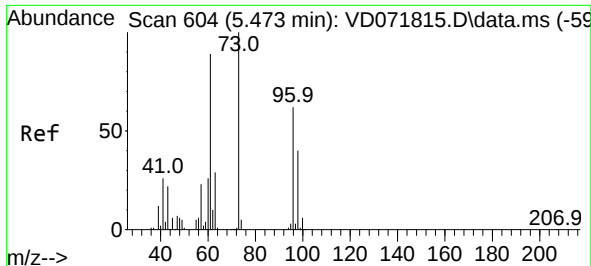
Tgt Ion: 73 Resp: 553522
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 55.824 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 84 Resp: 255831
Ion Ratio Lower Upper
84 100
49 134.5 112.8 169.2
51 40.0 32.6 48.8
86 62.2 47.9 71.9

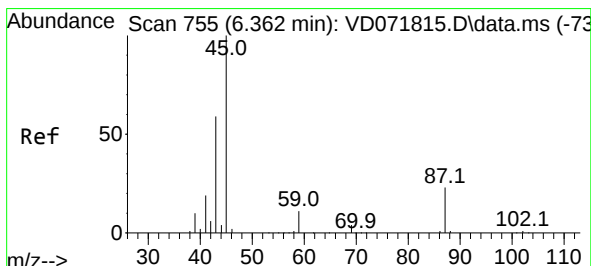
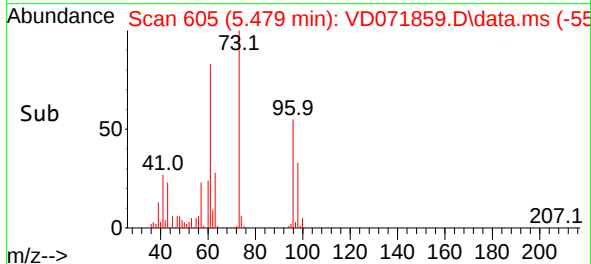
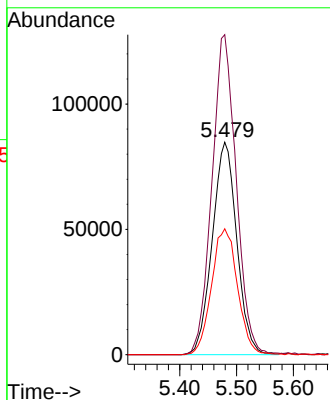
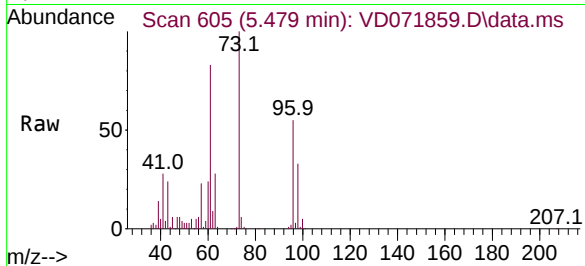




#21
trans-1,2-Dichloroethene
Concen: 54.453 ug/l
RT: 5.479 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

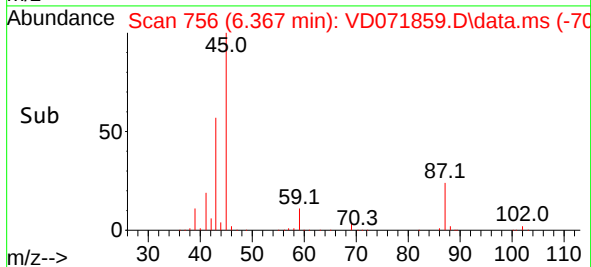
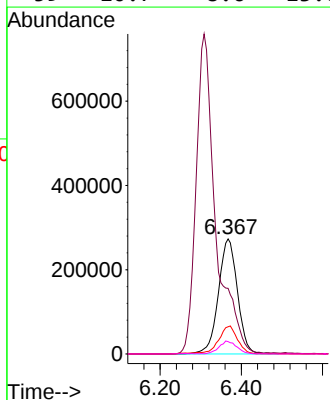
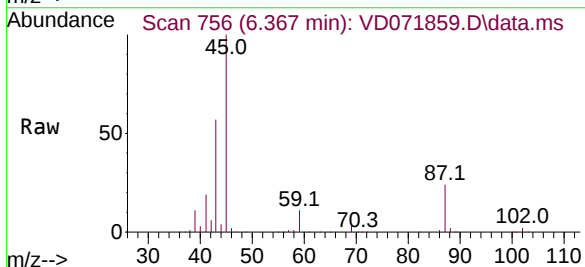
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

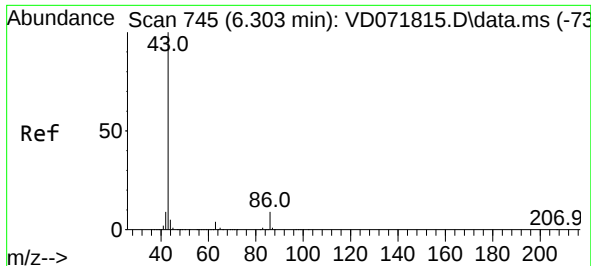
Tgt Ion: 96 Resp: 254712
Ion Ratio Lower Upper
96 100
61 150.6 117.9 176.9
98 59.3 49.4 74.2



#22
Diisopropyl ether
Concen: 59.391 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 45 Resp: 891539
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 23.5 18.4 27.6
59 10.7 8.6 13.0

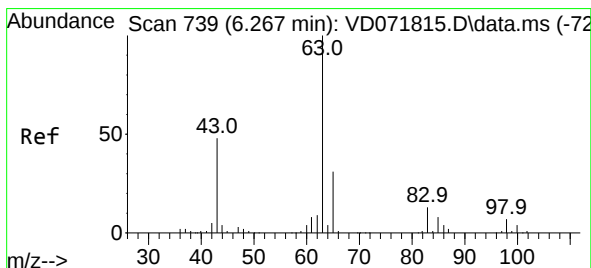
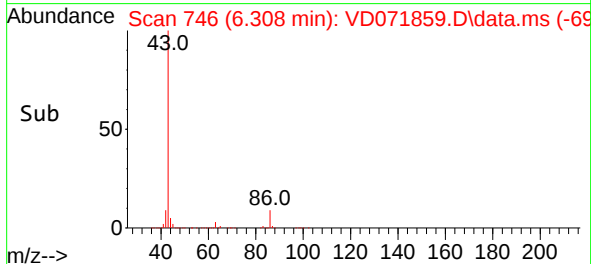
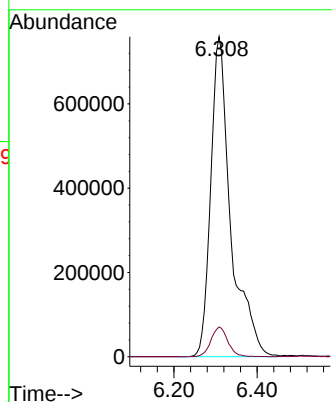
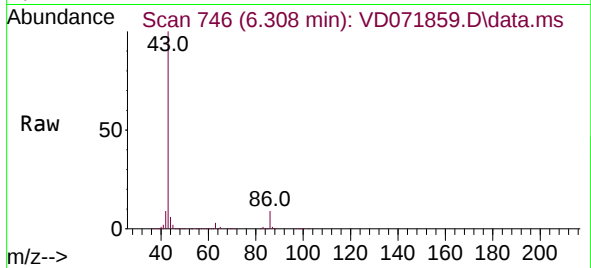




#23
 Vinyl Acetate
 Concen: 307.328 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

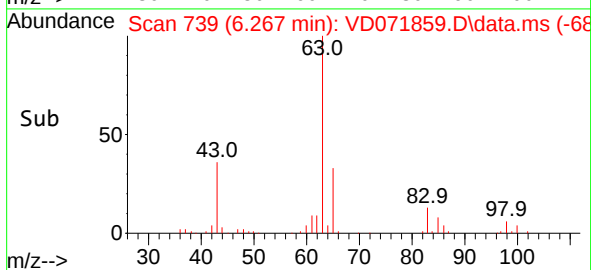
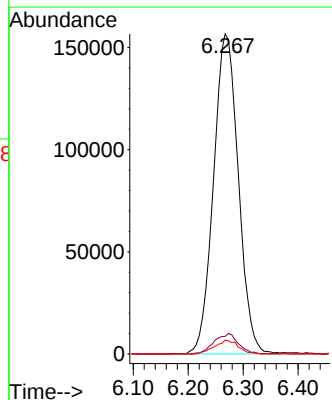
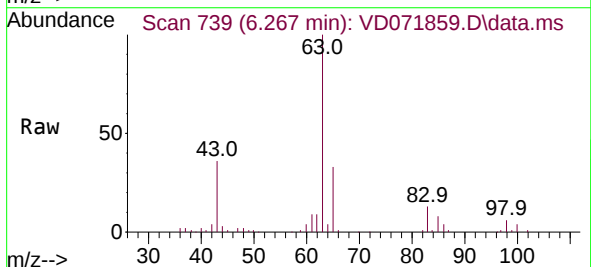
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

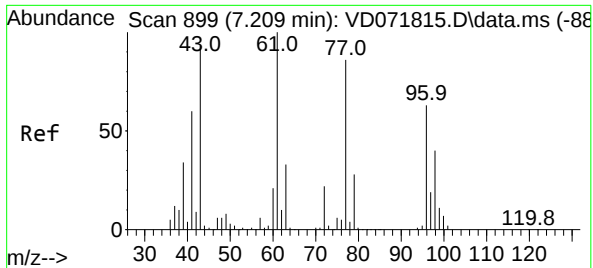
Tgt Ion: 43 Resp: 2545039
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 56.147 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

Tgt Ion: 63 Resp: 491265
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.9
 100 4.4 2.1 6.5

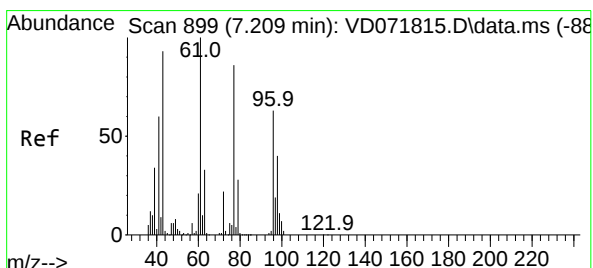
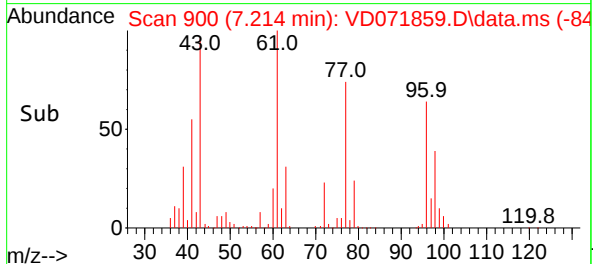
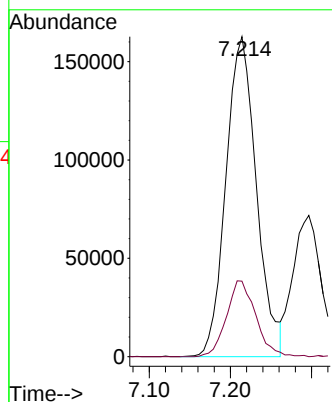
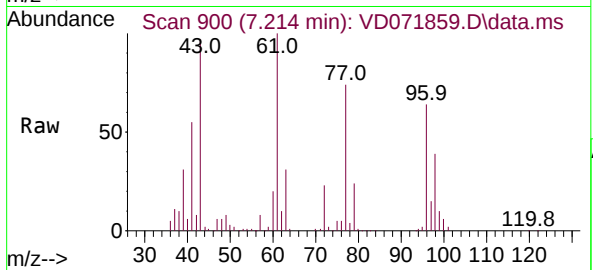




#25
2-Butanone
Concen: 288.435 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

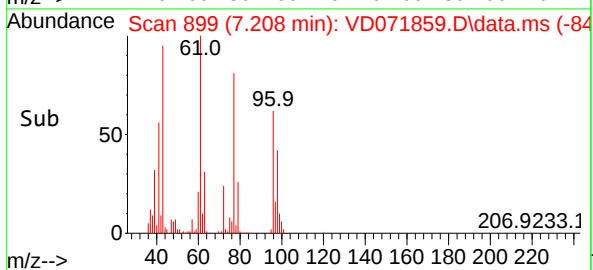
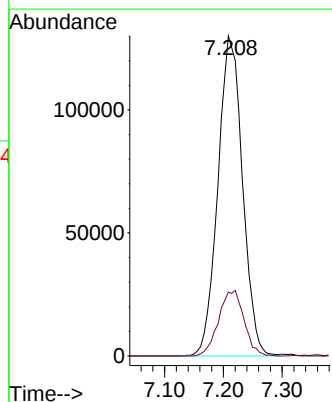
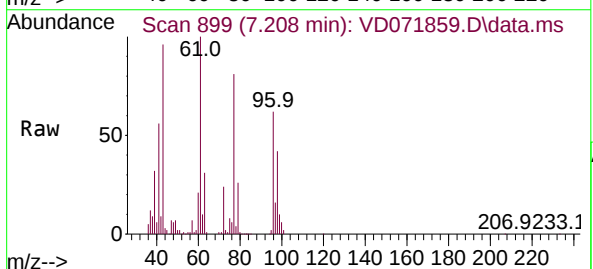
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

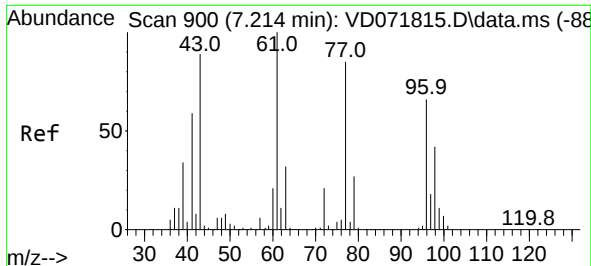
Tgt Ion: 43 Resp: 425499
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 52.203 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 77 Resp: 377983
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4

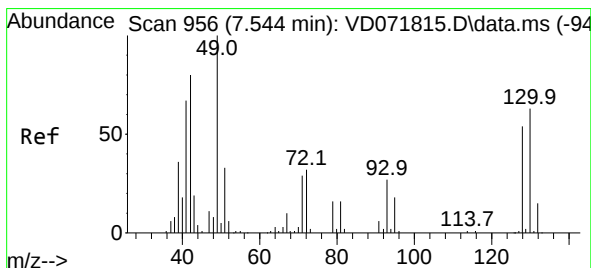
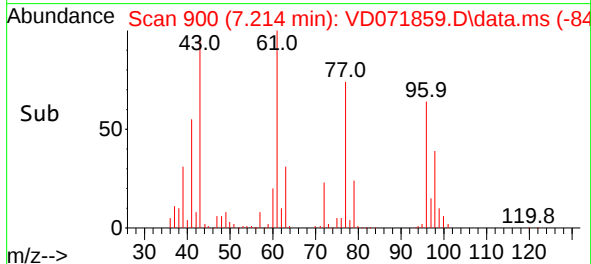
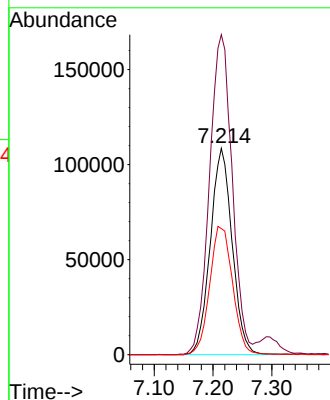
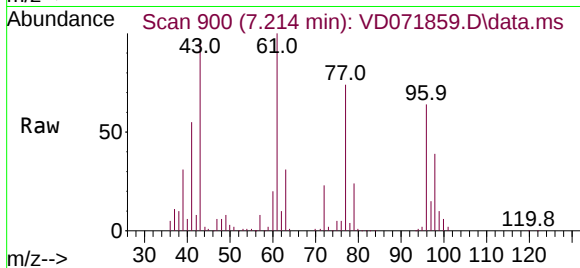




#27
 cis-1,2-Dichloroethene
 Concen: 55.898 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

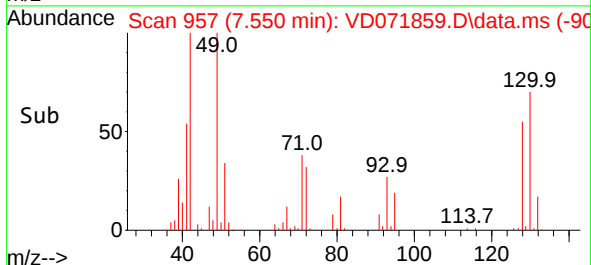
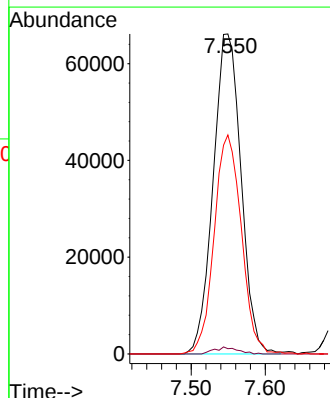
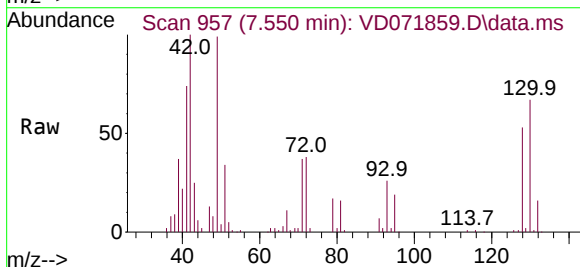
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

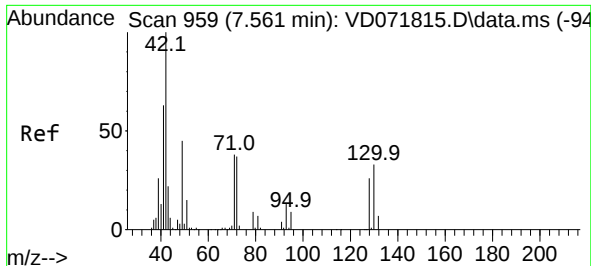
Tgt Ion: 96 Resp: 280835
 Ion Ratio Lower Upper
 96 100
 61 160.8 0.0 313.8
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.375 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

Tgt Ion: 49 Resp: 172847
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 66.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 294.057 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

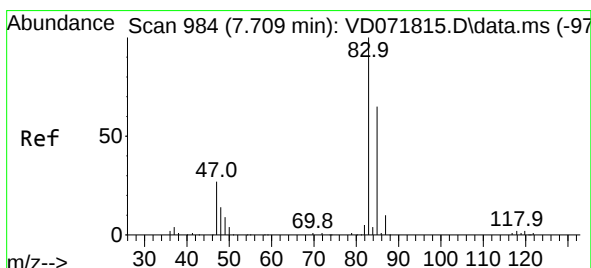
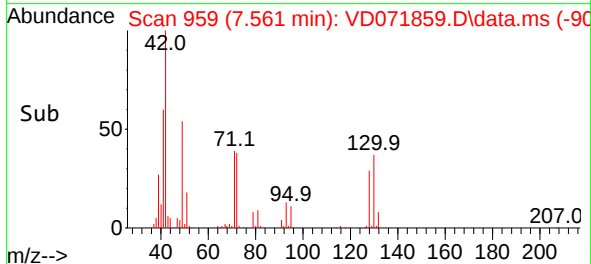
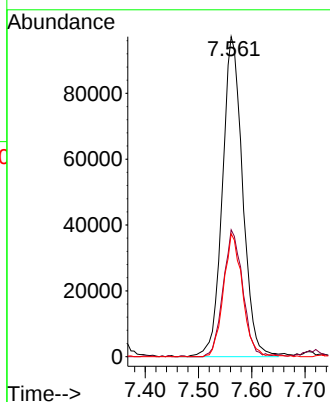
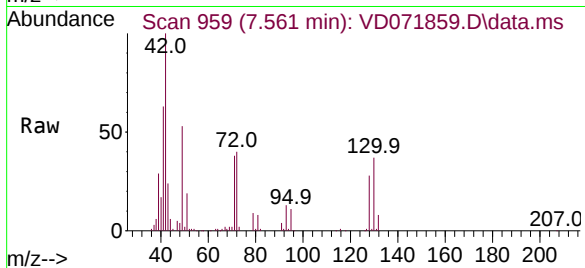
Tgt Ion: 42 Resp: 256670

Ion Ratio Lower Upper

42 100

72 38.2 30.7 46.1

71 36.3 28.6 43.0



#30

Chloroform

Concen: 54.871 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD071859.D

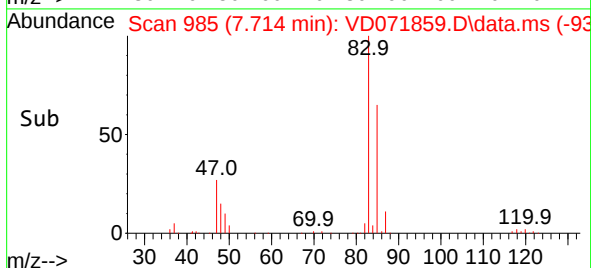
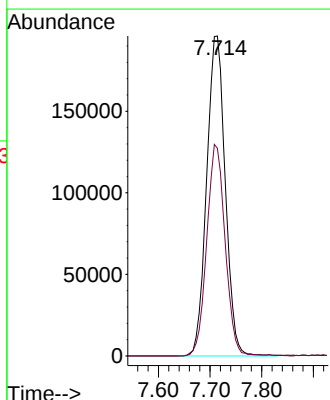
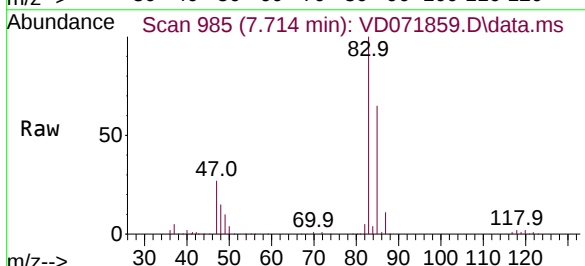
Acq: 31 Jan 2022 21:40

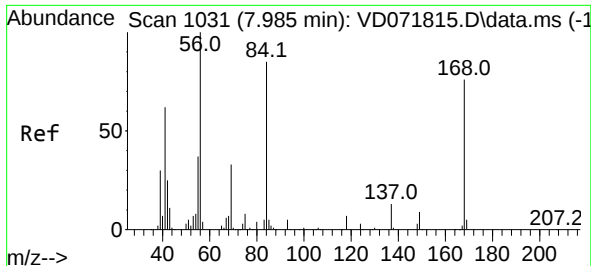
Tgt Ion: 83 Resp: 490486

Ion Ratio Lower Upper

83 100

85 64.9 52.7 79.1

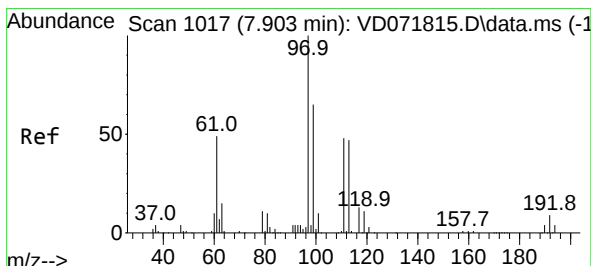
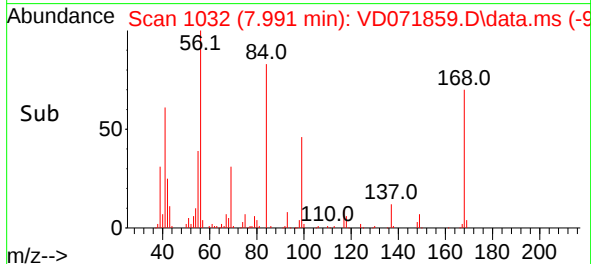
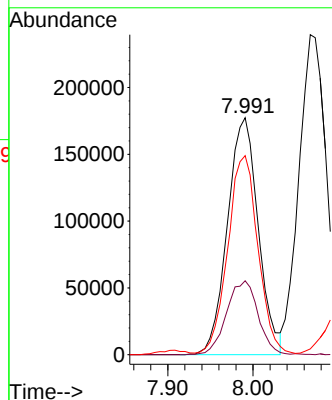
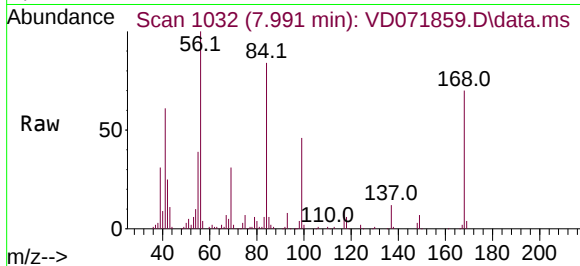




#31
Cyclohexane
Concen: 50.521 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

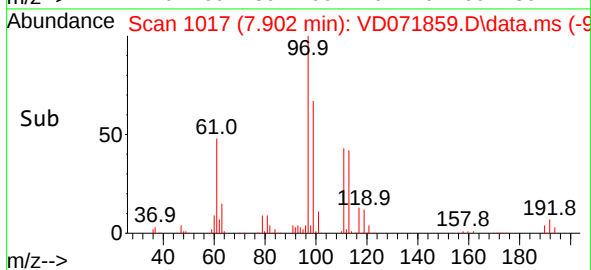
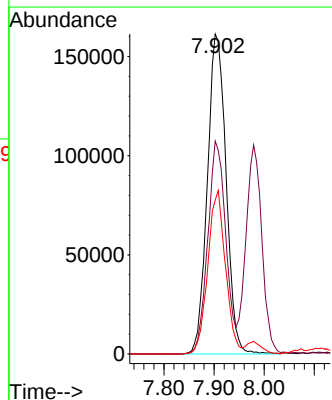
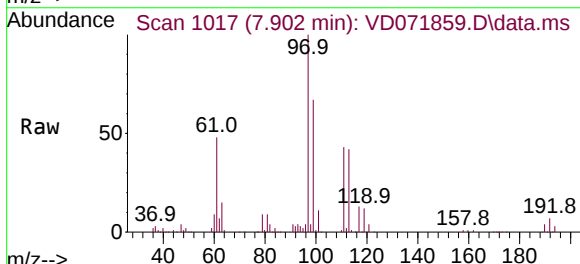
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

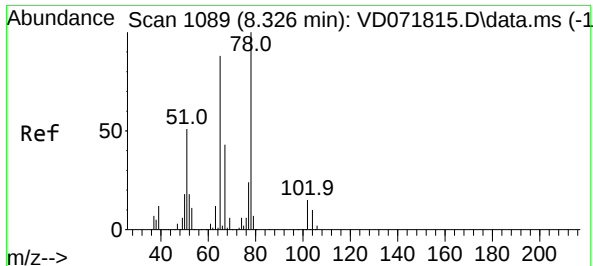
Tgt Ion: 56 Resp: 445861
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.2
84 82.6 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 53.119 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 97 Resp: 418817
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 48.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.740 ug/l

RT: 8.332 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

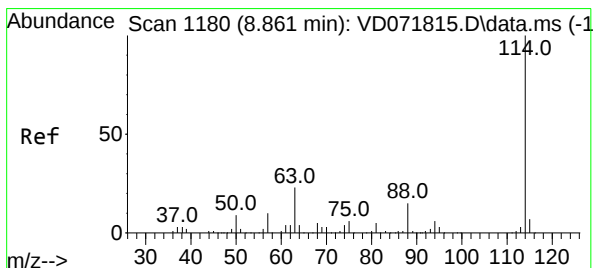
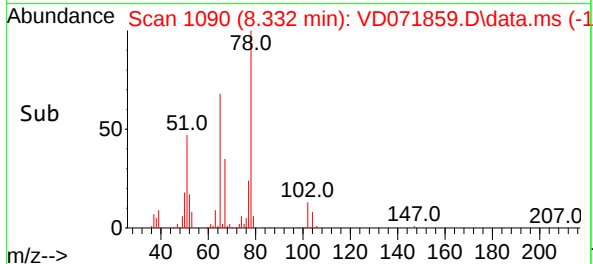
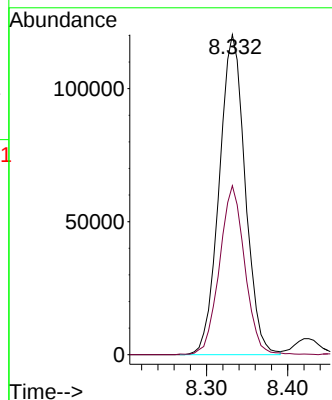
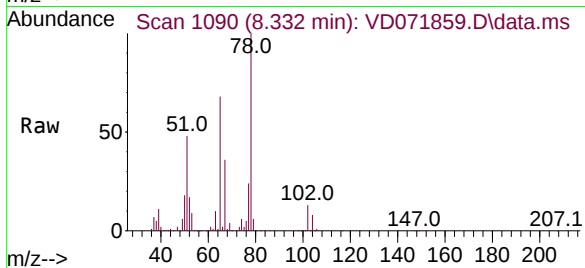
VSTDCCC050EC

Tgt Ion: 65 Resp: 266915

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

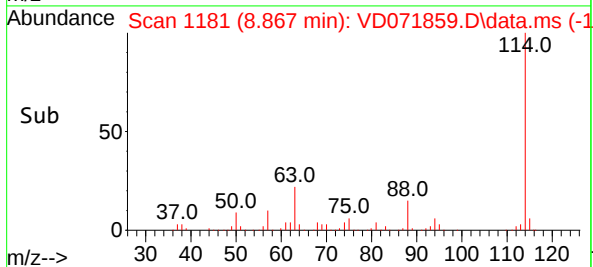
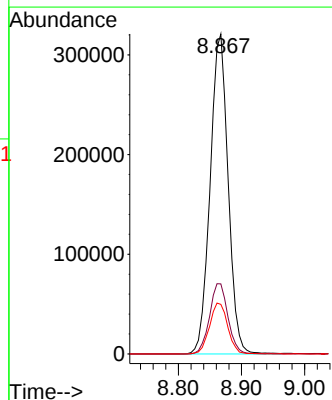
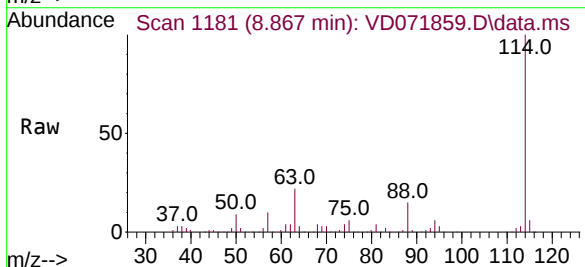
Tgt Ion: 114 Resp: 634658

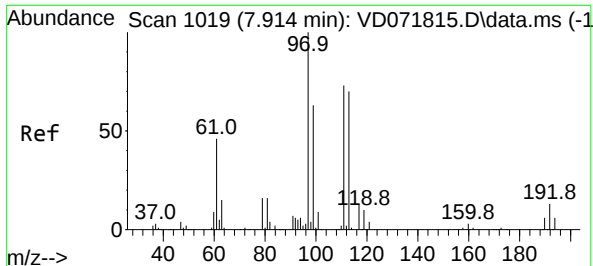
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.239 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

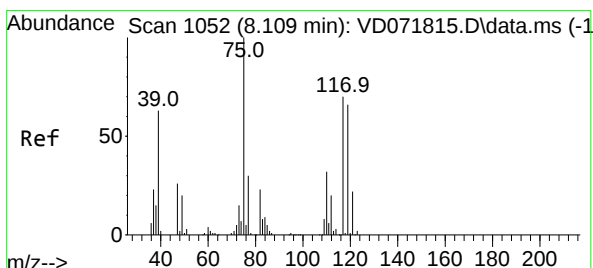
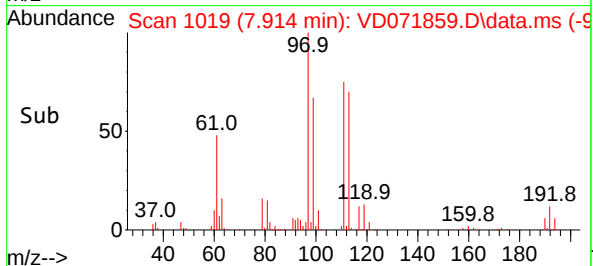
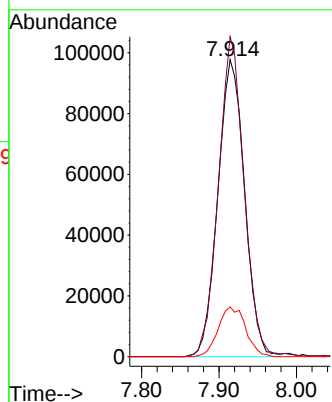
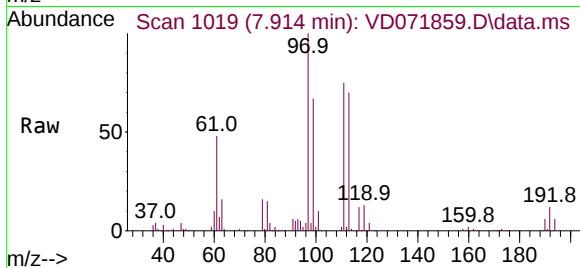
Tgt Ion:113 Resp: 234618

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 51.913 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

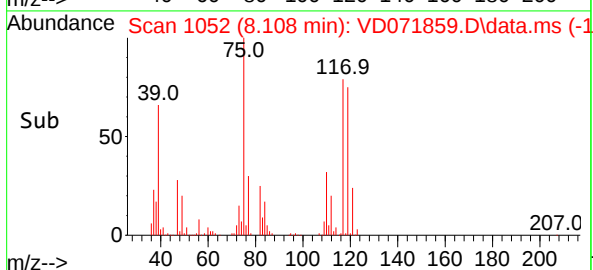
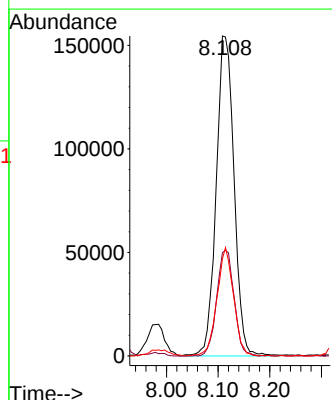
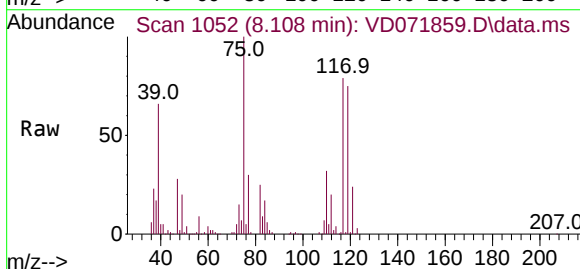
Tgt Ion: 75 Resp: 371708

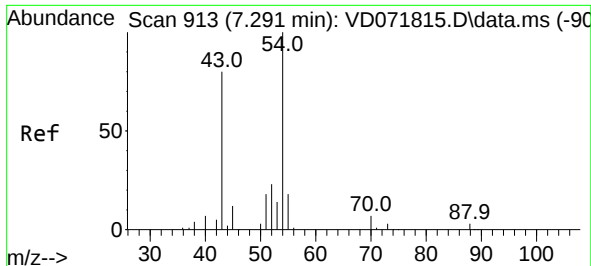
Ion Ratio Lower Upper

75 100

110 32.1 16.4 49.1

77 31.4 24.2 36.2





#37

Ethyl Acetate

Concen: 54.252 ug/l

RT: 7.297 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

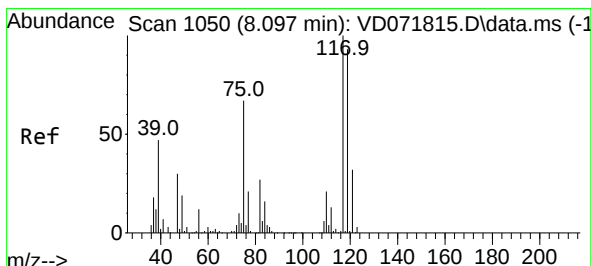
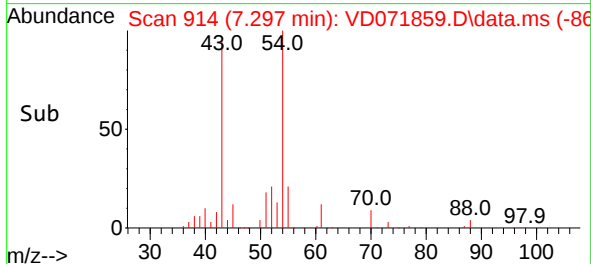
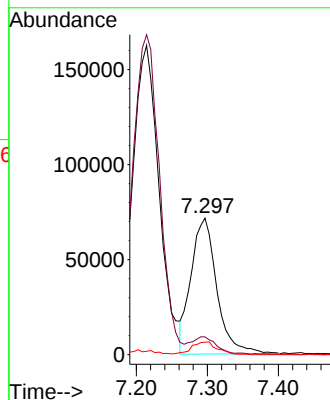
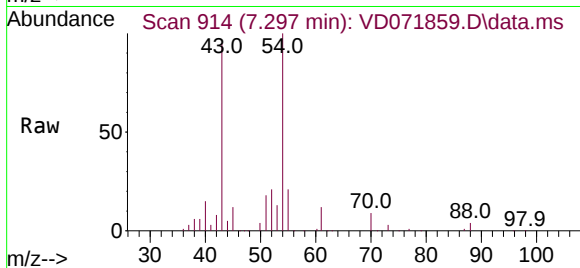
Tgt Ion: 43 Resp: 180604

Ion Ratio Lower Upper

43 100

61 11.6 9.8 14.8

70 9.4 6.9 10.3



#38

Carbon Tetrachloride

Concen: 51.179 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

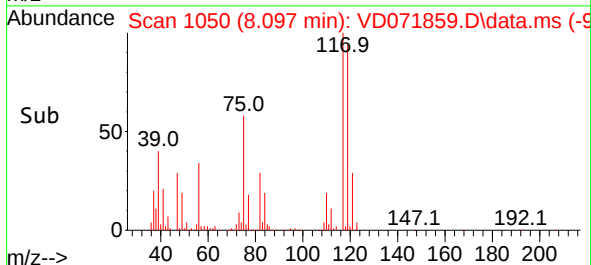
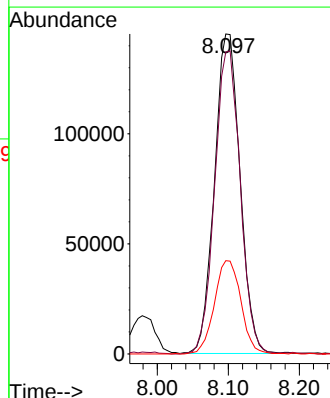
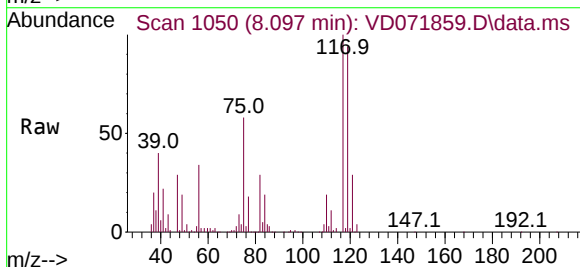
Tgt Ion: 117 Resp: 362401

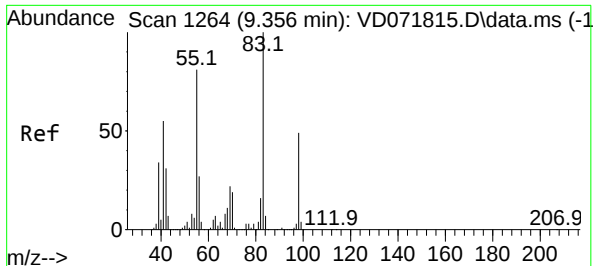
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.6

121 29.2 24.5 36.7





#39

Methylcyclohexane

Concen: 51.495 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

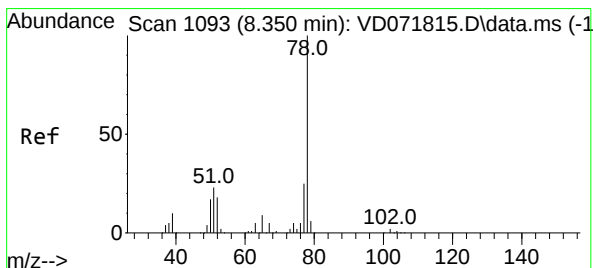
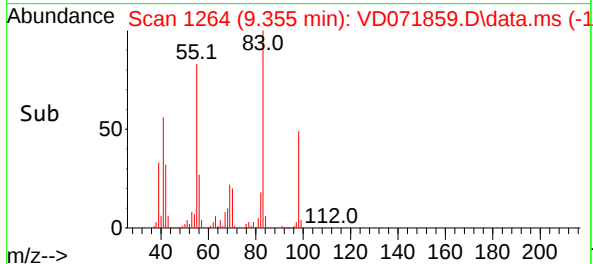
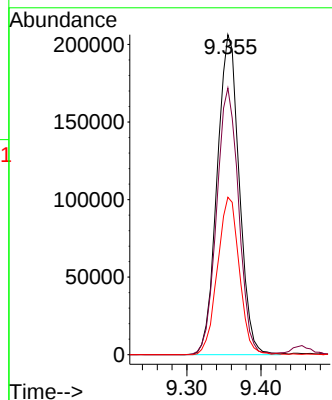
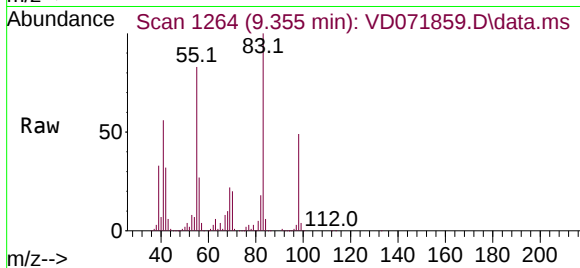
Tgt Ion: 83 Resp: 427233

Ion Ratio Lower Upper

83 100

55 83.4 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 53.890 ug/l

RT: 8.355 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VD071859.D

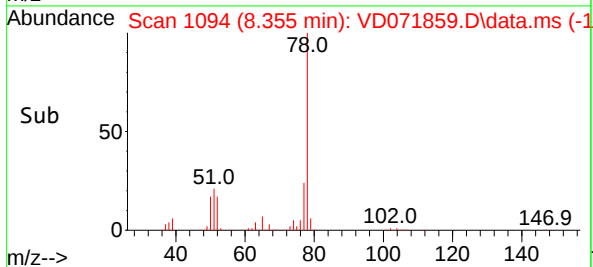
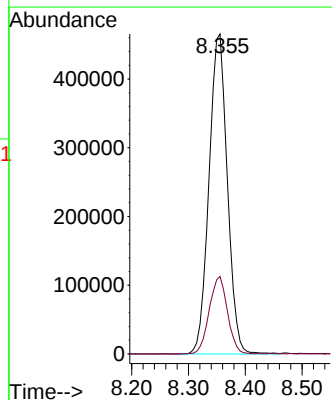
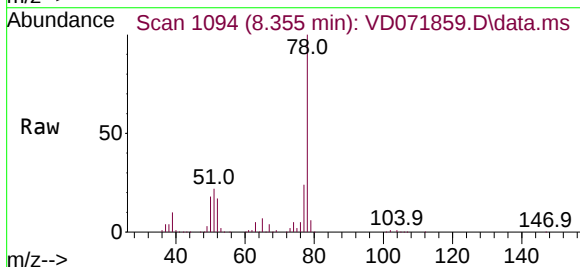
Acq: 31 Jan 2022 21:40

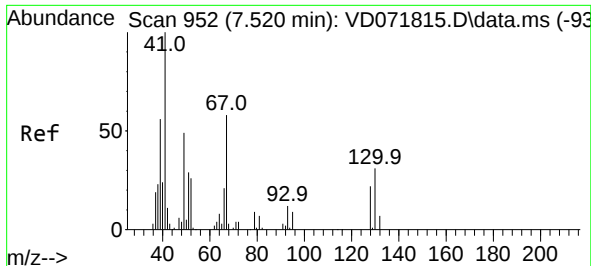
Tgt Ion: 78 Resp: 1041590

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

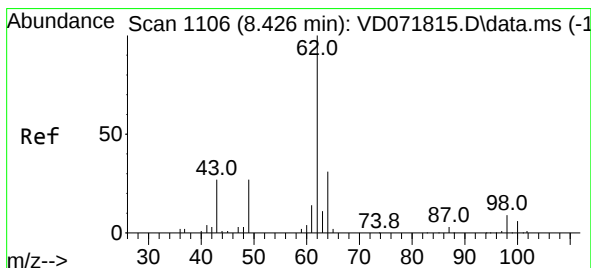
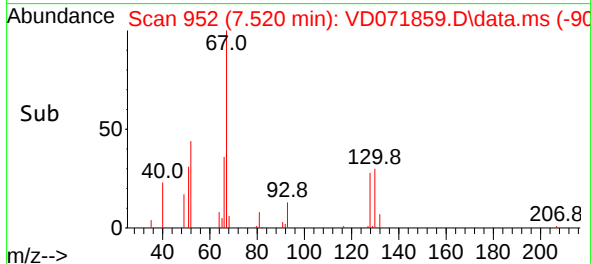
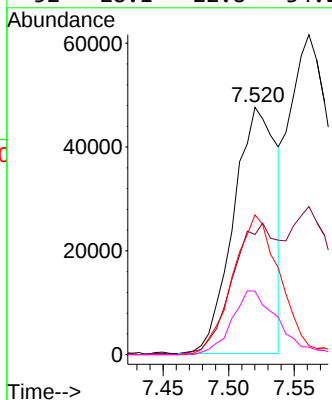
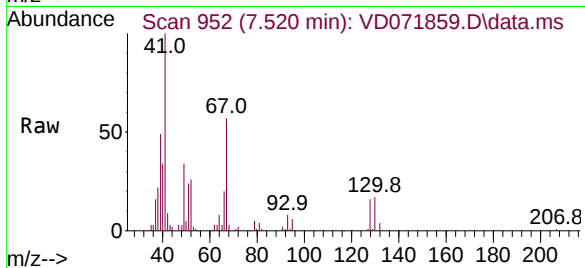




#41
Methacrylonitrile
Concen: 57.443 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

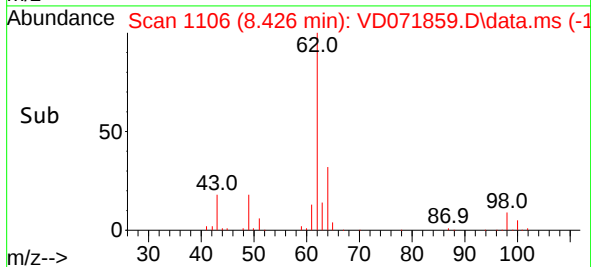
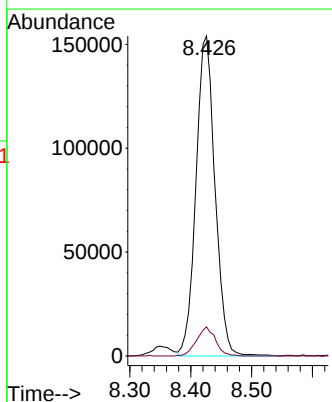
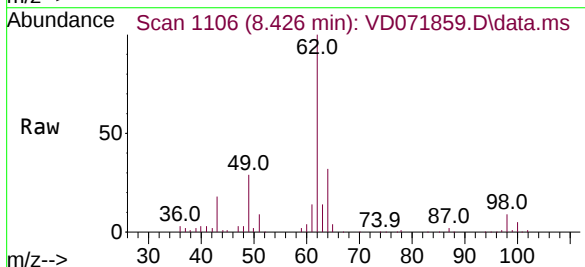
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

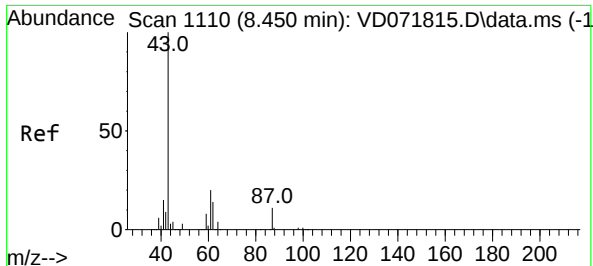
Tgt Ion: 41 Resp: 108184
Ion Ratio Lower Upper
41 100
39 62.4 44.6 67.0
67 63.3 48.2 72.4
52 28.1 22.8 34.2



#42
1,2-Dichloroethane
Concen: 54.830 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 62 Resp: 334643
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 55.331 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

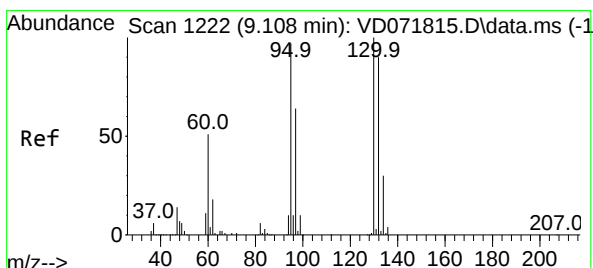
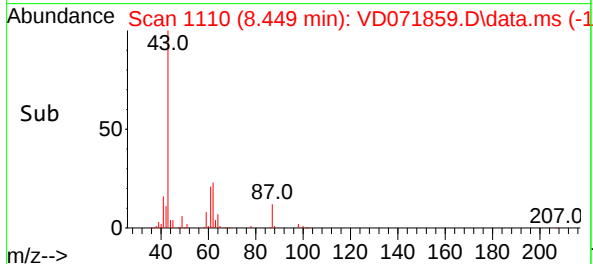
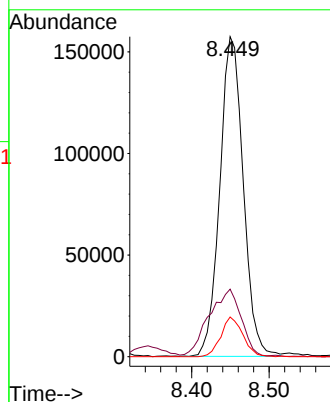
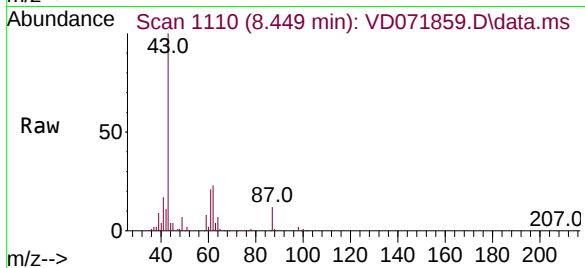
Tgt Ion: 43 Resp: 331057

Ion Ratio Lower Upper

43 100

61 28.4 22.4 33.6

87 11.6 8.7 13.1



#44

Trichloroethene

Concen: 51.888 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071859.D

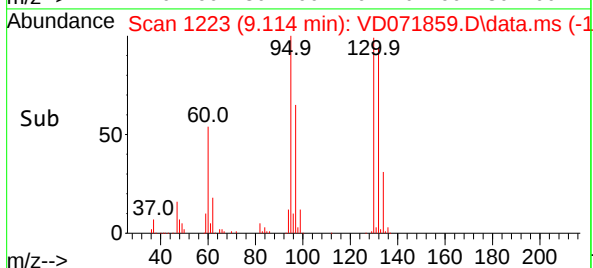
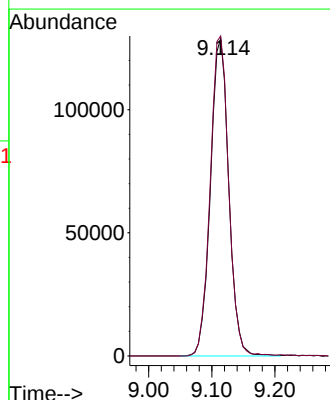
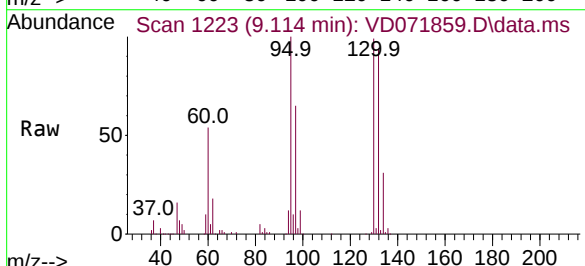
Acq: 31 Jan 2022 21:40

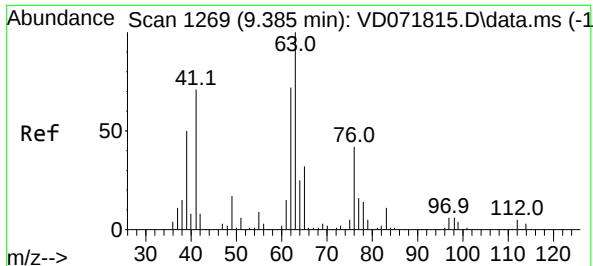
Tgt Ion:130 Resp: 258945

Ion Ratio Lower Upper

130 100

95 100.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.566 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

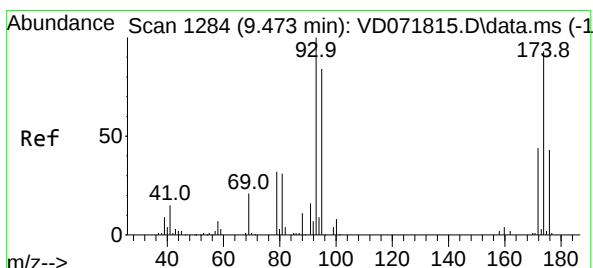
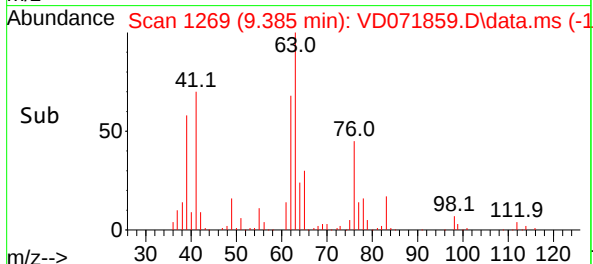
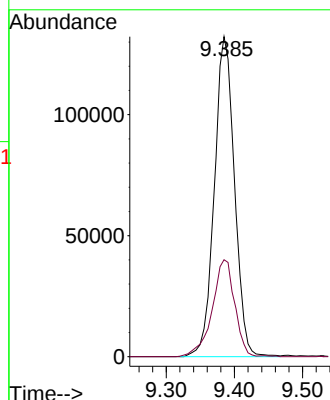
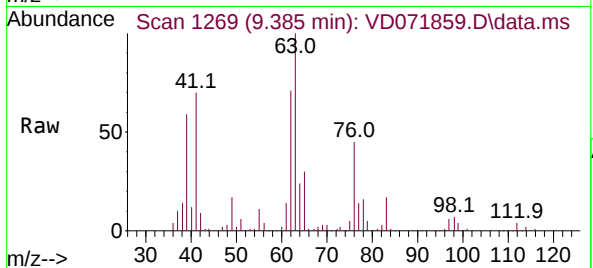
VSTDCCC050EC

Tgt Ion: 63 Resp: 271941

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 55.759 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

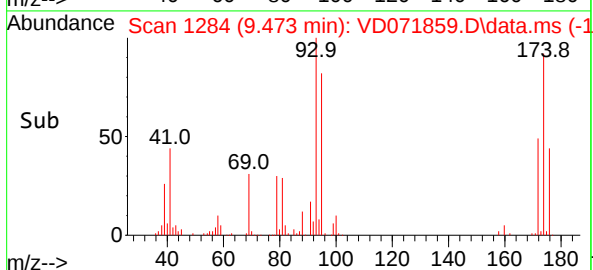
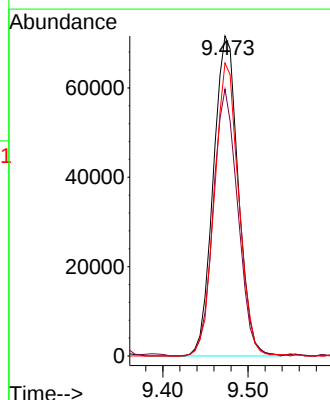
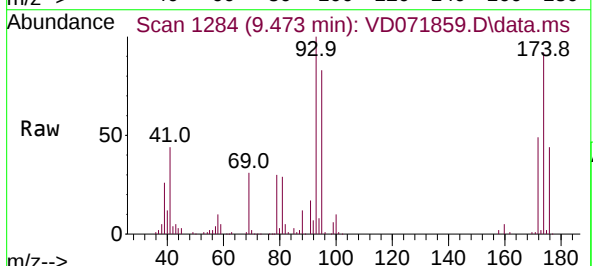
Tgt Ion: 93 Resp: 145502

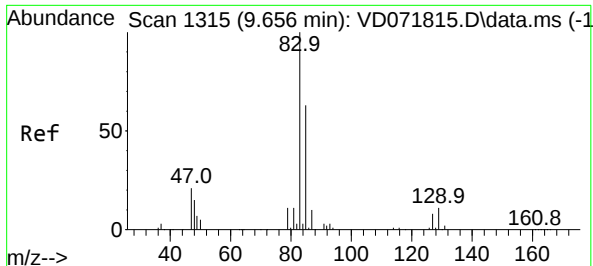
Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

174 89.1 71.6 107.4

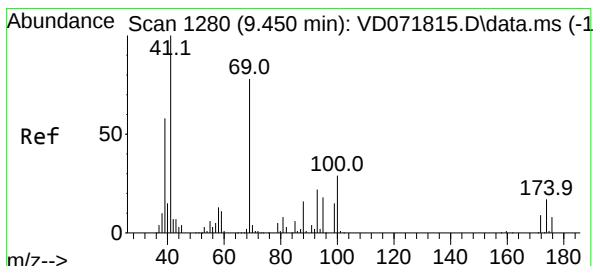
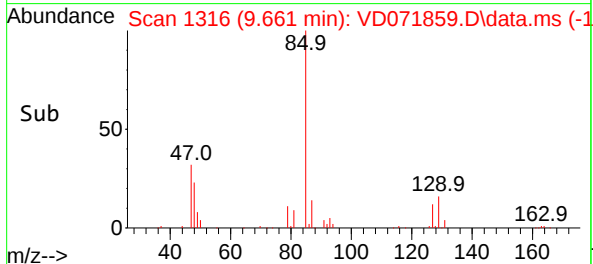
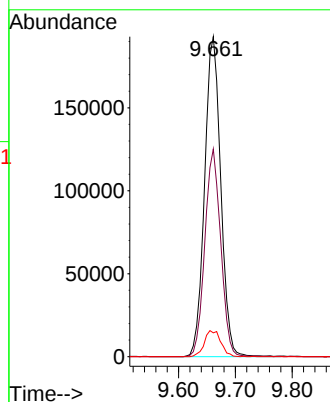
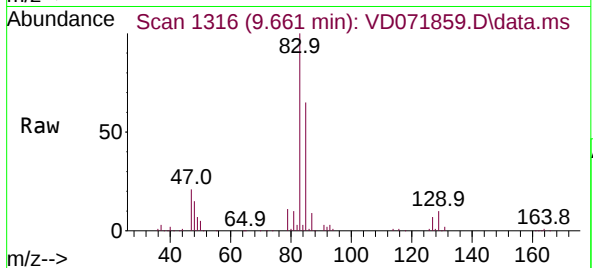




#47
Bromodichloromethane
Concen: 55.156 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

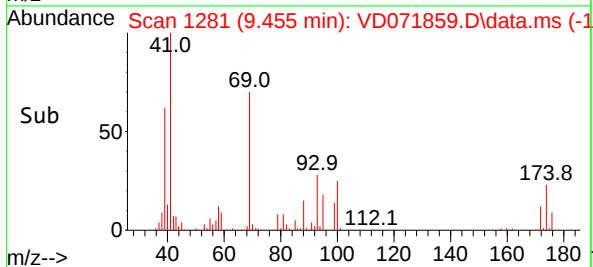
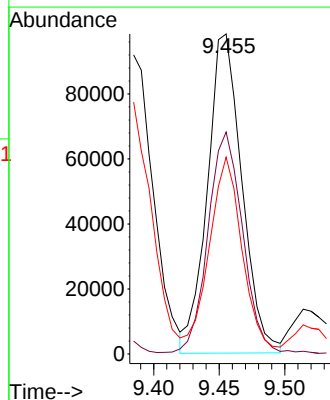
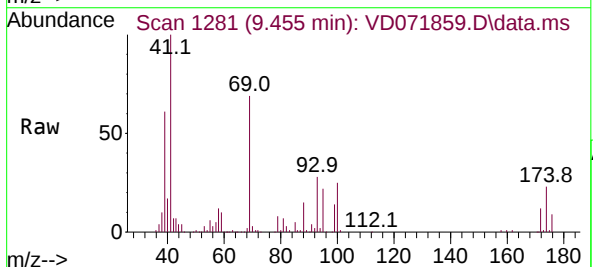
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

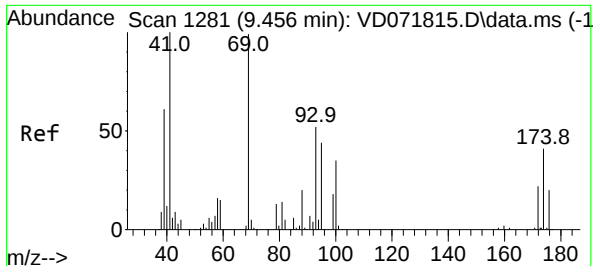
Tgt Ion: 83 Resp: 380648
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 7.5 6.1 9.1



#48
Methyl methacrylate
Concen: 56.844 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 41 Resp: 179998
Ion Ratio Lower Upper
41 100
69 70.6 56.7 85.1
39 54.4 42.7 64.1





#49

1,4-Dioxane

Concen: 1054.533 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

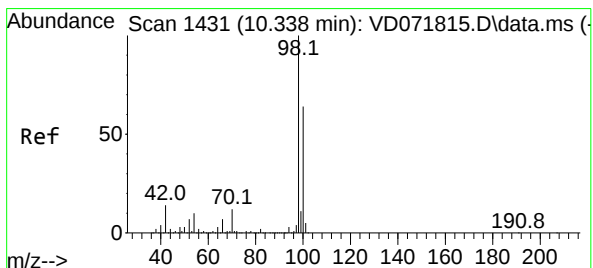
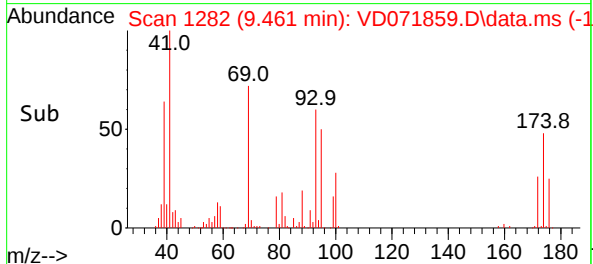
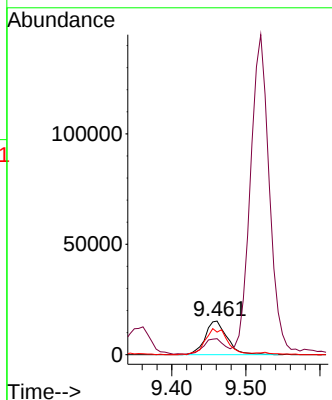
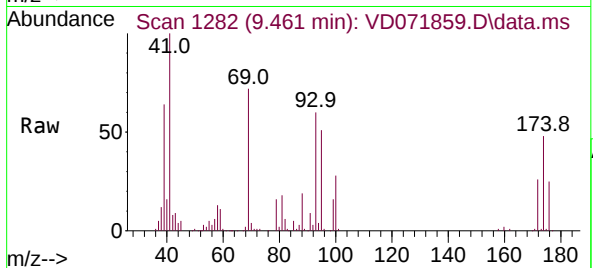
Tgt Ion: 88 Resp: 31409

Ion Ratio Lower Upper

88 100

43 42.7 31.0 46.4

58 79.1 58.1 87.1



#50

Toluene-d8

Concen: 55.494 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071859.D

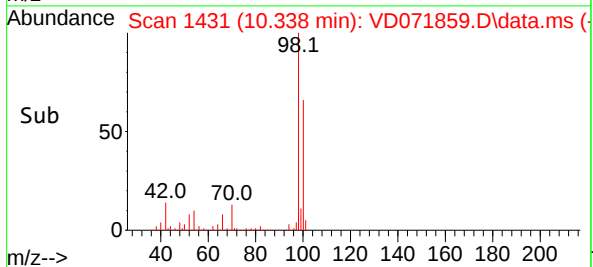
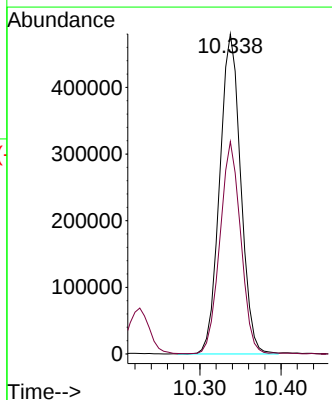
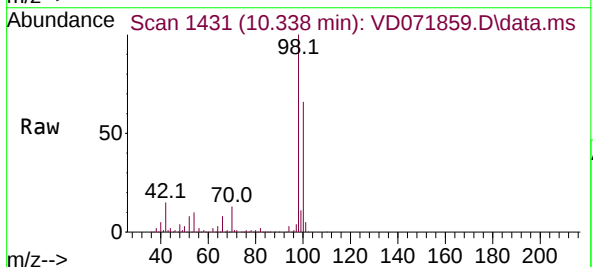
Acq: 31 Jan 2022 21:40

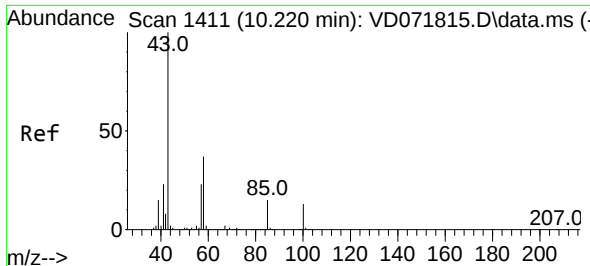
Tgt Ion: 98 Resp: 864615

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

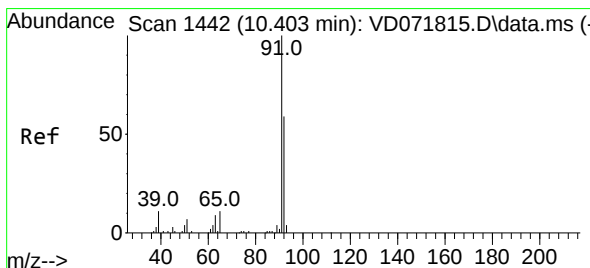
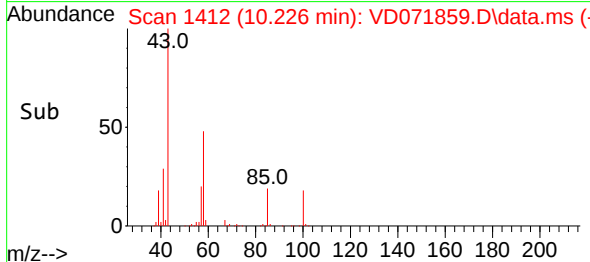
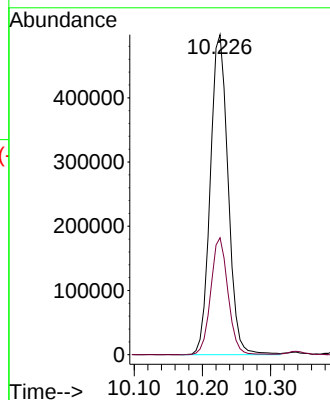
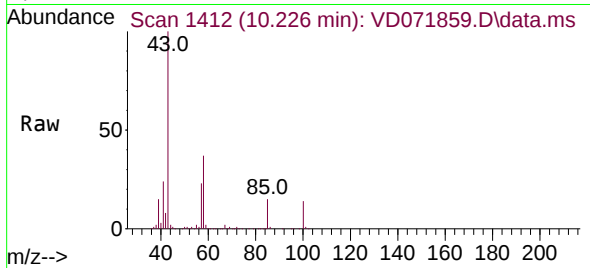




#51
4-Methyl-2-Pentanone
Concen: 289.016 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

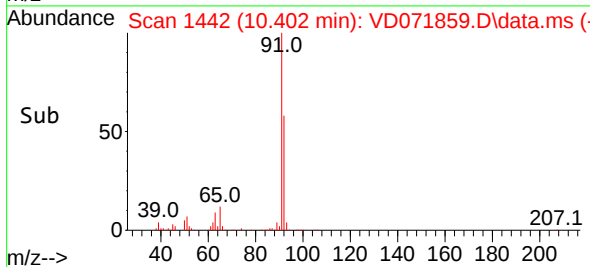
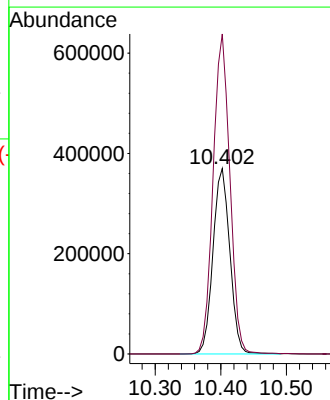
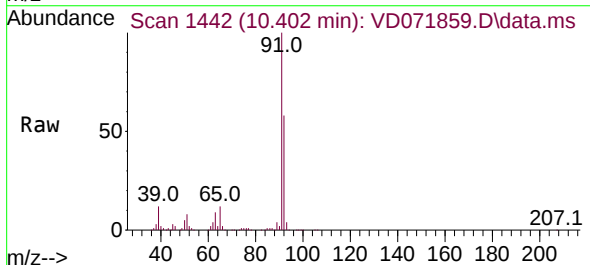
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

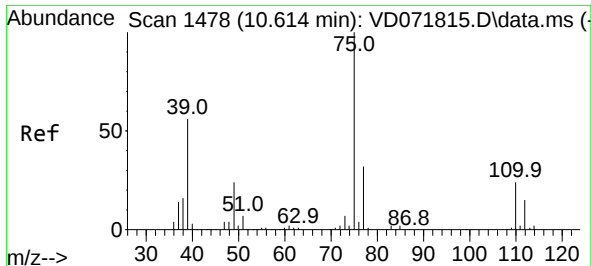
Tgt Ion: 43 Resp: 904930
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0



#52
Toluene
Concen: 54.829 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 92 Resp: 658986
Ion Ratio Lower Upper
92 100
91 172.1 139.6 209.4

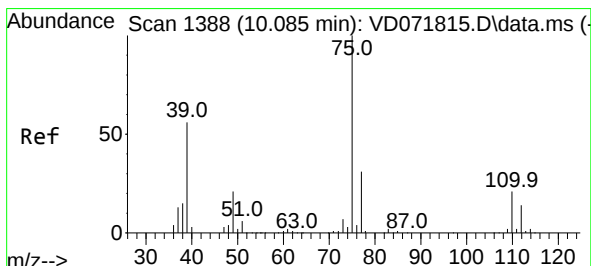
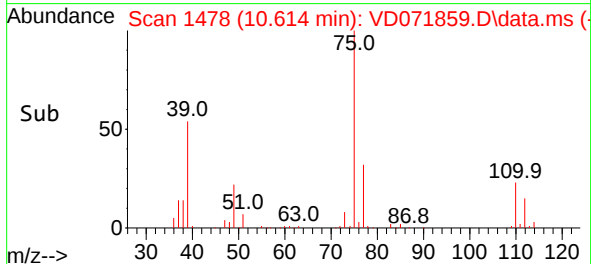
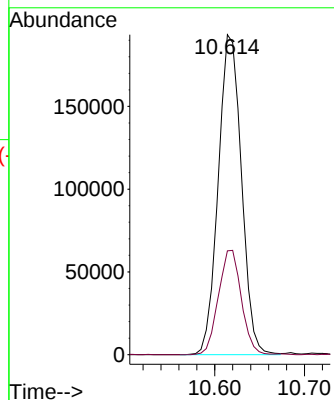
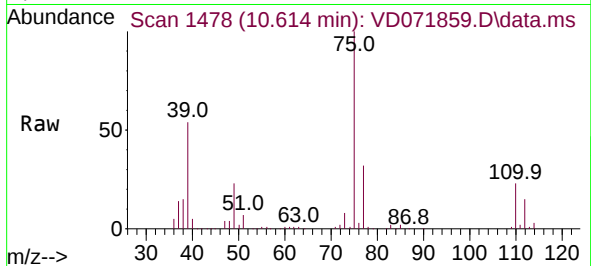




#53
 t-1,3-Dichloropropene
 Concen: 54.772 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

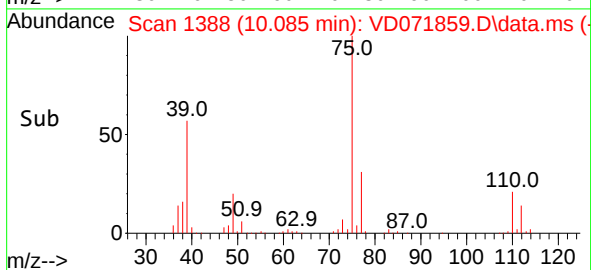
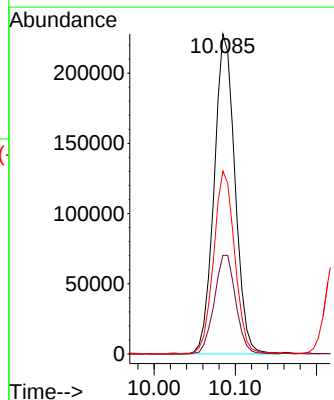
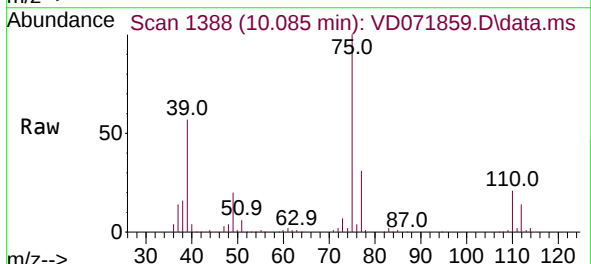
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

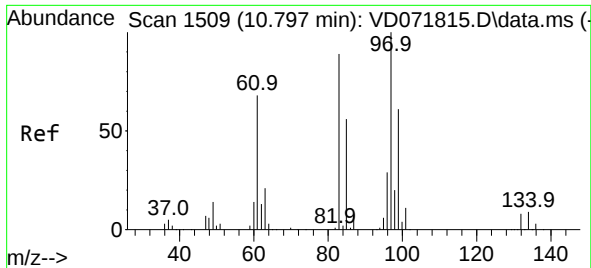
Tgt Ion: 75 Resp: 347174
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.761 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

Tgt Ion: 75 Resp: 406870
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 57.1 46.8 70.2

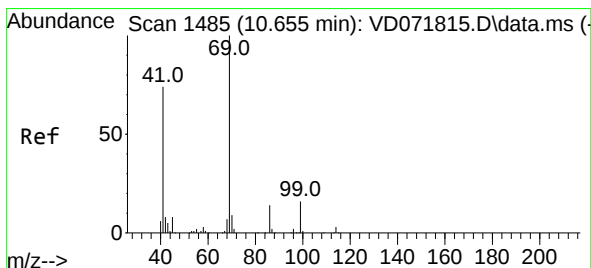
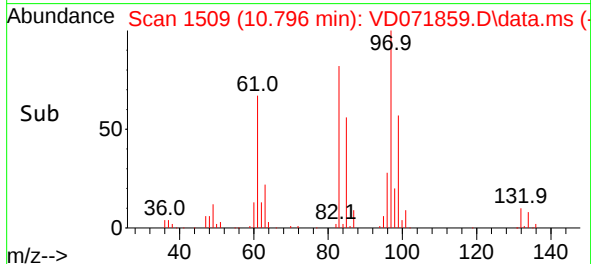
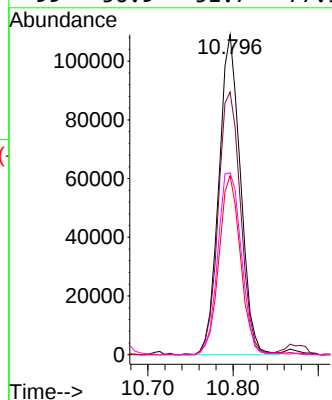
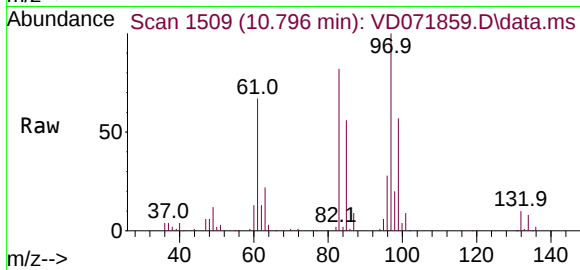




#55
1,1,2-Trichloroethane
Concen: 55.489 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

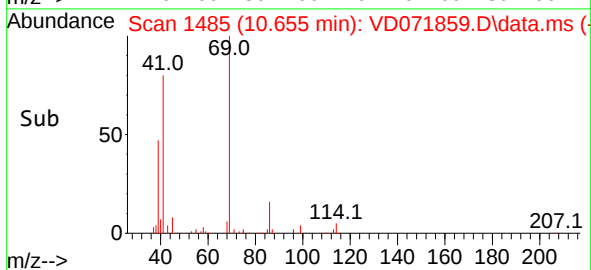
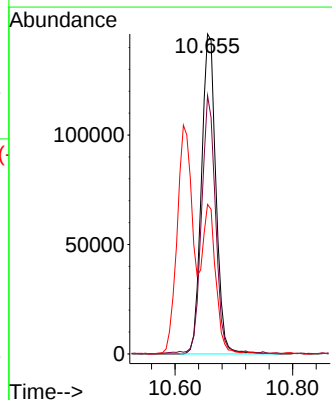
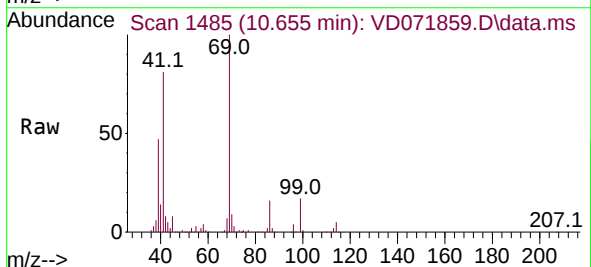
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

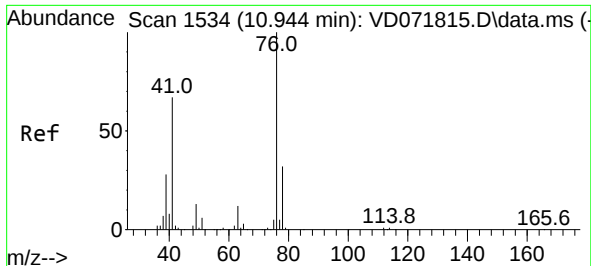
Tgt Ion: 97	Resp: 192175
Ion Ratio	Lower Upper
97 100	
83 82.1	69.0 103.4
85 55.9	42.6 63.8
99 56.9	51.7 77.5



#56
Ethyl methacrylate
Concen: 58.451 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 69	Resp: 250633
Ion Ratio	Lower Upper
69 100	
41 79.3	63.0 94.6
39 43.6	33.8 50.8





#57

1,3-Dichloropropane

Concen: 56.470 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

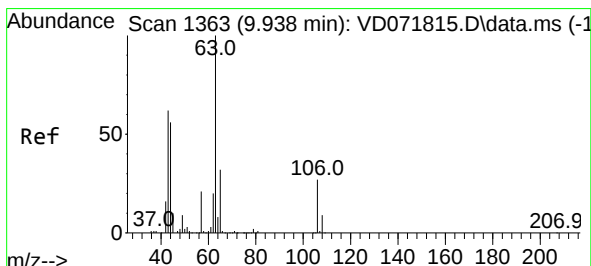
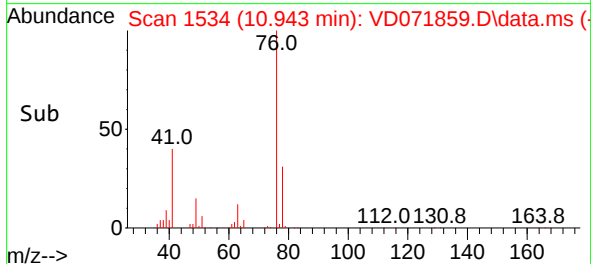
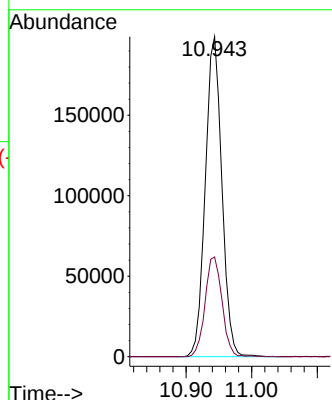
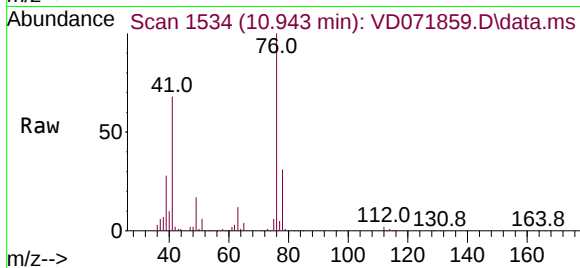
VSTDCCC050EC

Tgt Ion: 76 Resp: 349145

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 277.834 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071859.D

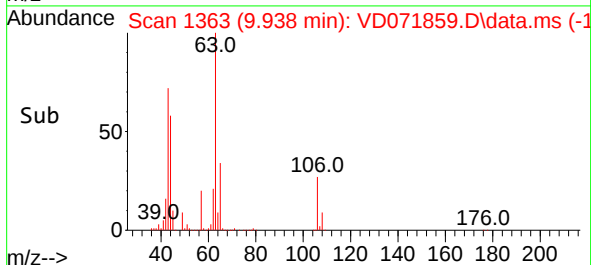
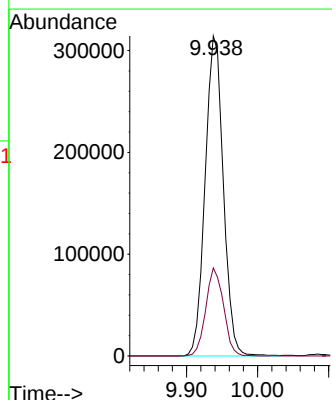
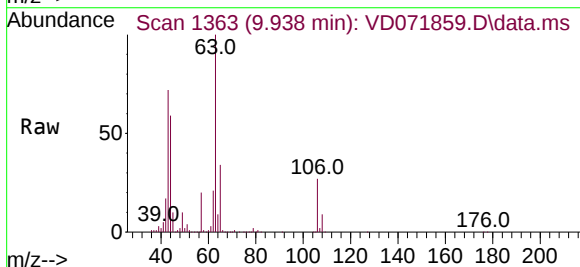
Acq: 31 Jan 2022 21:40

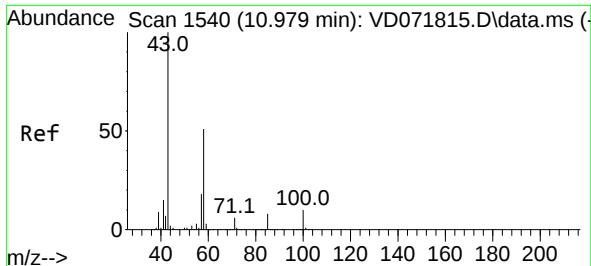
Tgt Ion: 63 Resp: 560822

Ion Ratio Lower Upper

63 100

106 26.7 21.4 32.0

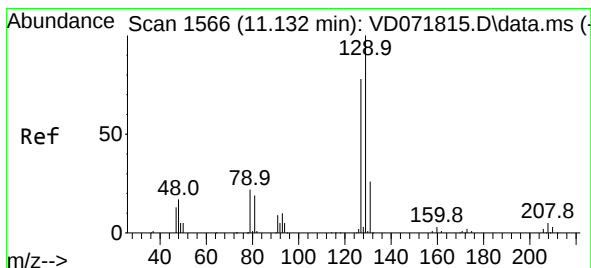
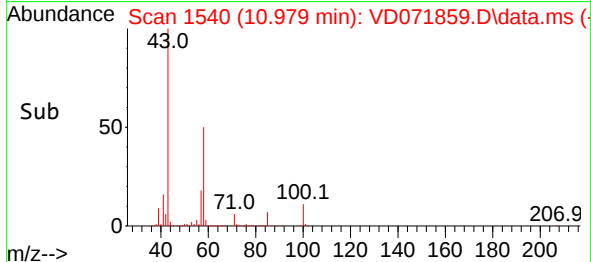
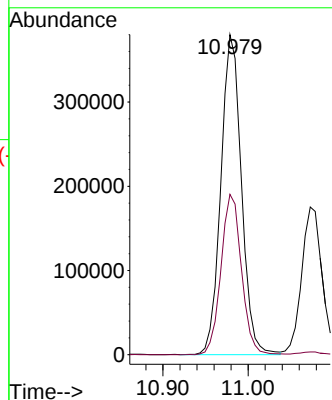
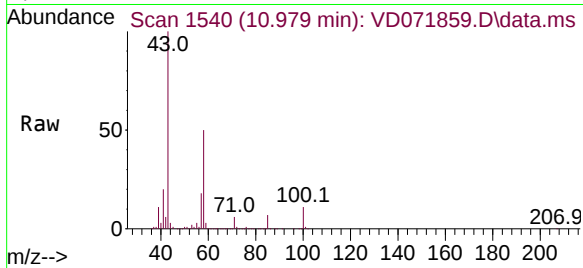




#59
2-Hexanone
Concen: 280.833 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

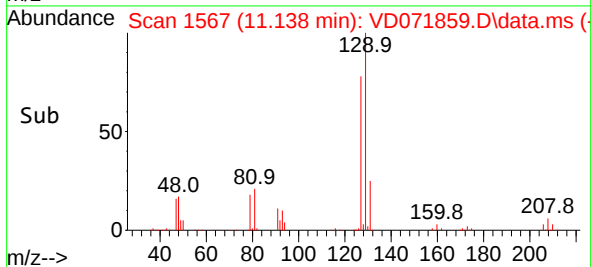
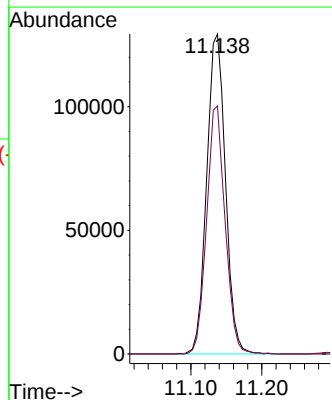
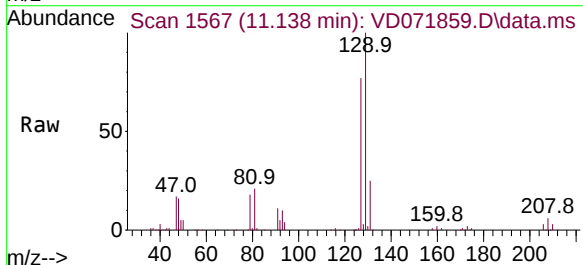
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

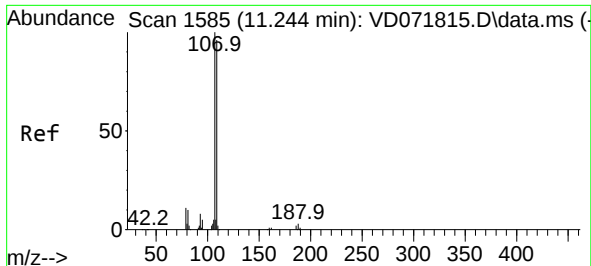
Tgt Ion: 43 Resp: 638208
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.9



#60
Dibromochloromethane
Concen: 55.549 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:129 Resp: 237567
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

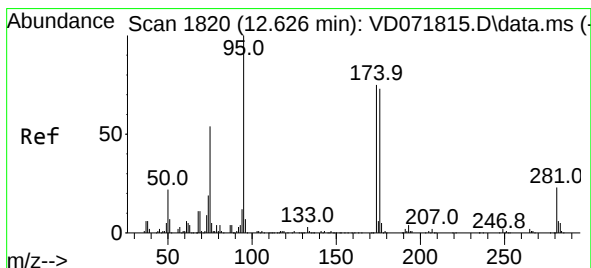
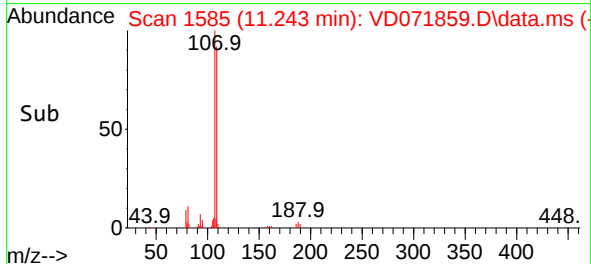
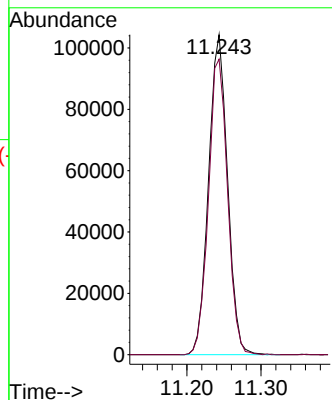
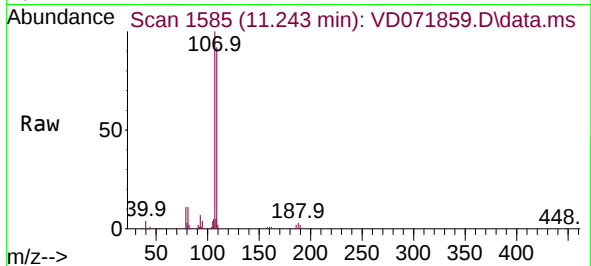




#61
1,2-Dibromoethane
Concen: 55.572 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

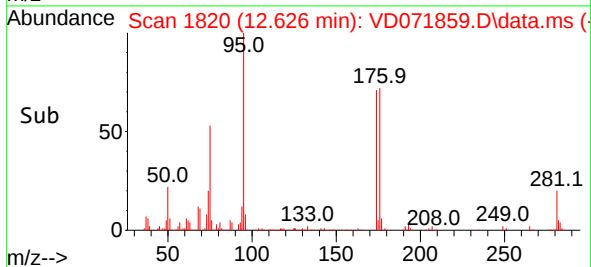
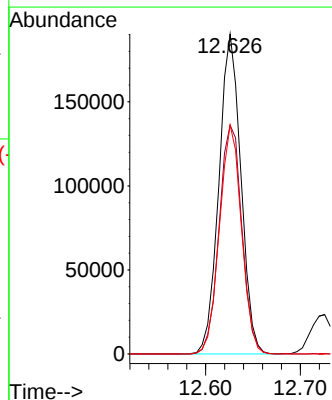
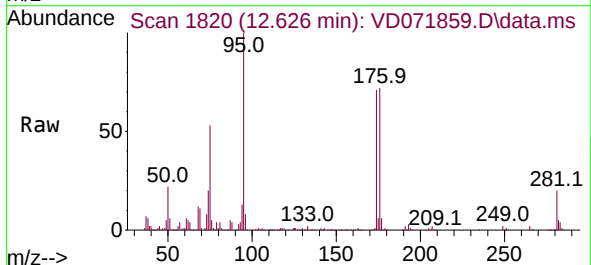
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

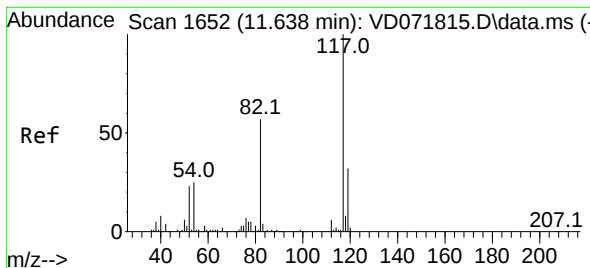
Tgt Ion:107 Resp: 185431
Ion Ratio Lower Upper
107 100
109 93.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.366 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 95 Resp: 306678
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 71.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

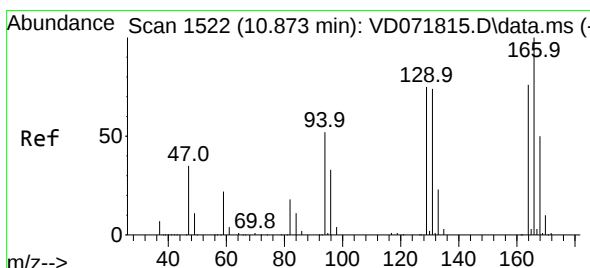
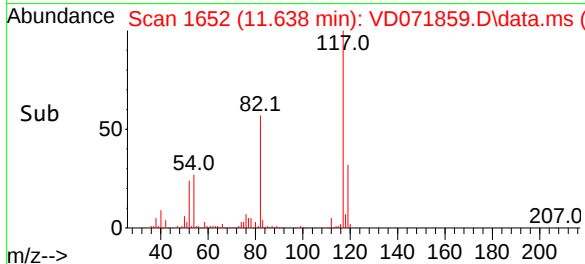
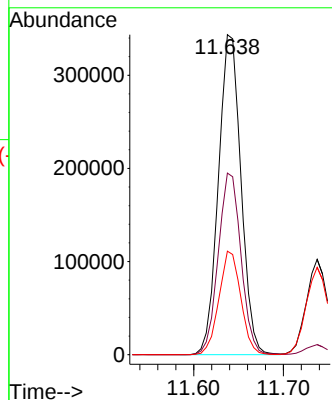
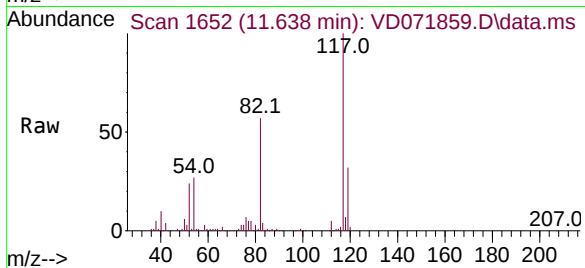
Tgt Ion:117 Resp: 600287

Ion Ratio Lower Upper

117 100

82 56.8 45.3 67.9

119 32.4 26.6 40.0



#64

Tetrachloroethene

Concen: 50.697 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Tgt Ion:164 Resp: 215266

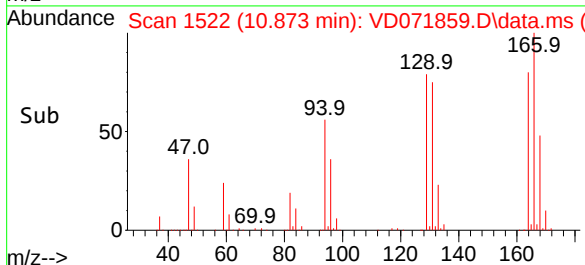
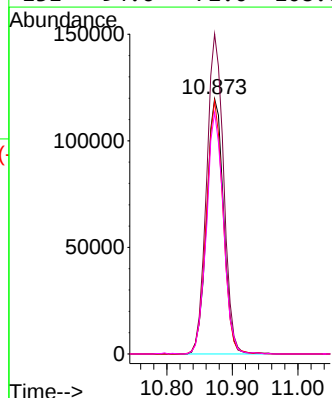
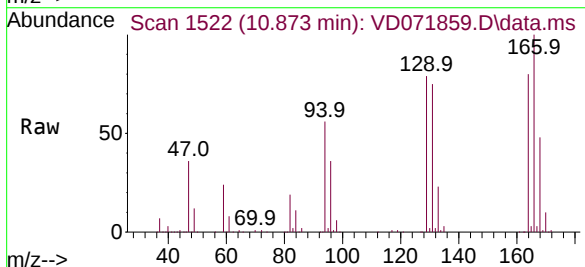
Ion Ratio Lower Upper

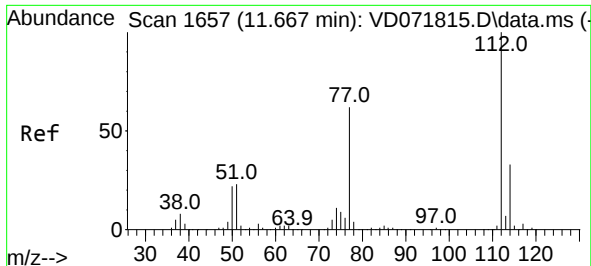
164 100

166 125.4 98.5 147.7

129 99.2 74.6 111.8

131 94.6 72.0 108.0

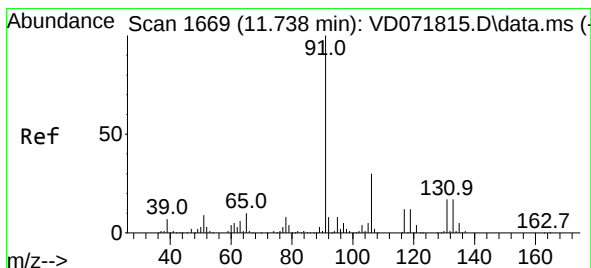
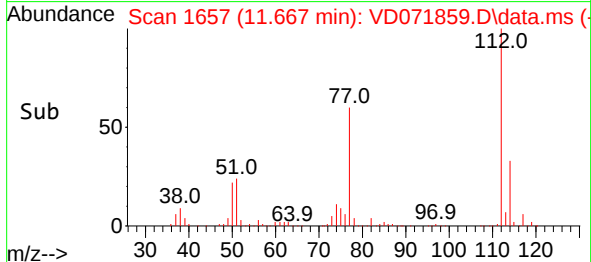
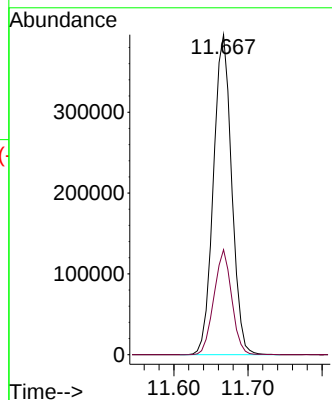
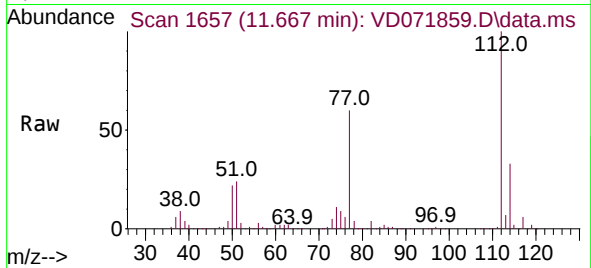




#65
Chlorobenzene
Concen: 53.239 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

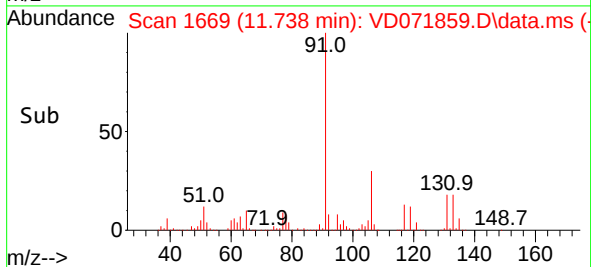
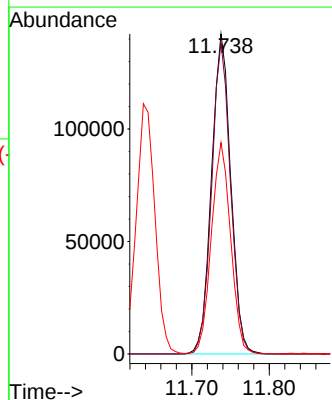
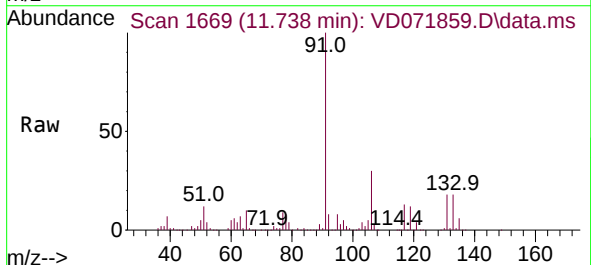
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

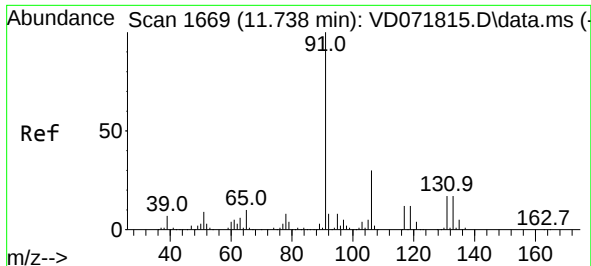
Tgt Ion:112 Resp: 676106
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.073 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:131 Resp: 245201
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 66.1 31.9 95.9

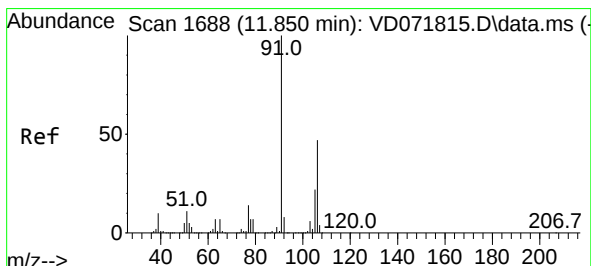
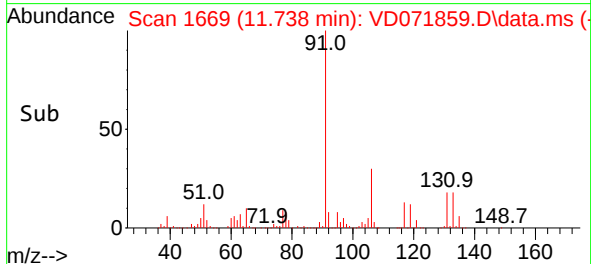
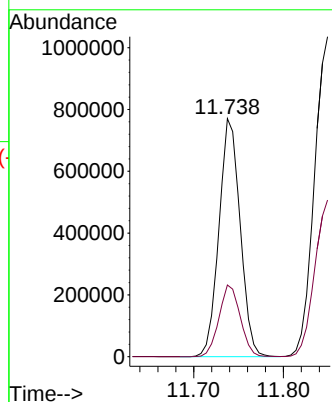
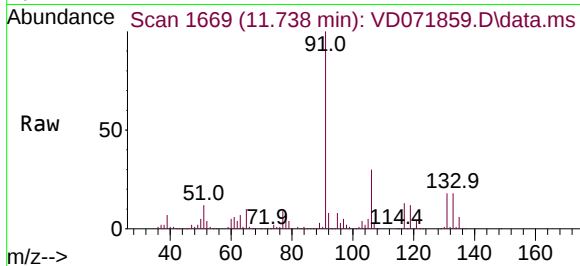




#67
Ethyl Benzene
Concen: 54.010 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

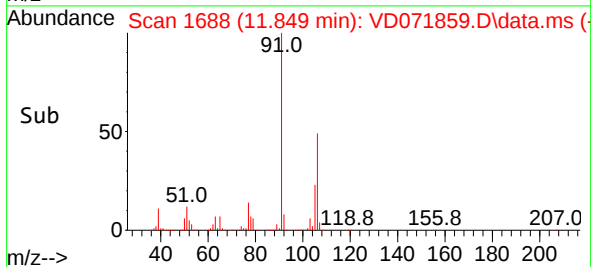
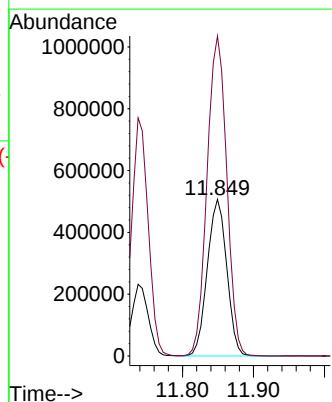
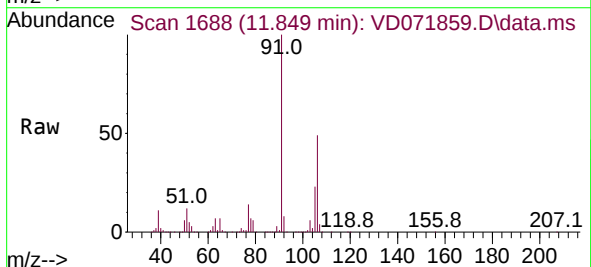
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

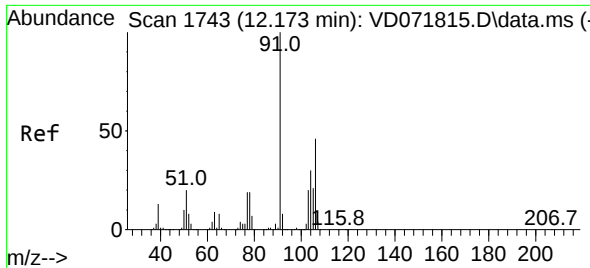
Tgt Ion: 91 Resp: 1262096
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 108.487 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:106 Resp: 964256
Ion Ratio Lower Upper
106 100
91 206.5 163.7 245.5

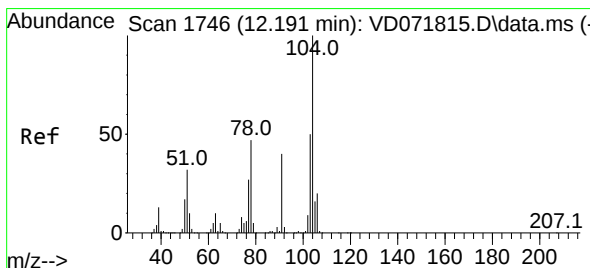
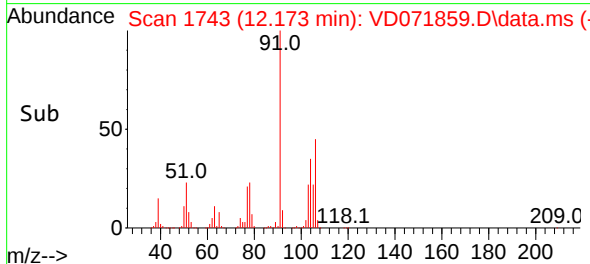
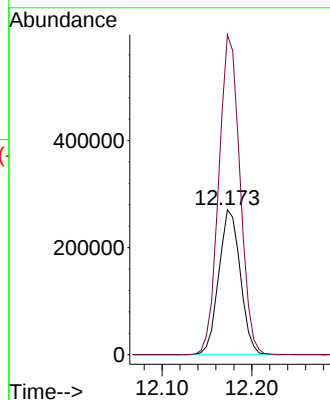
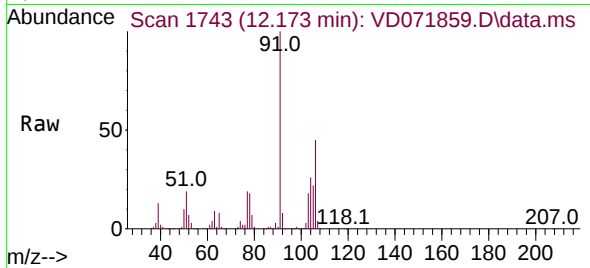




#69
o-Xylene
Concen: 55.789 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

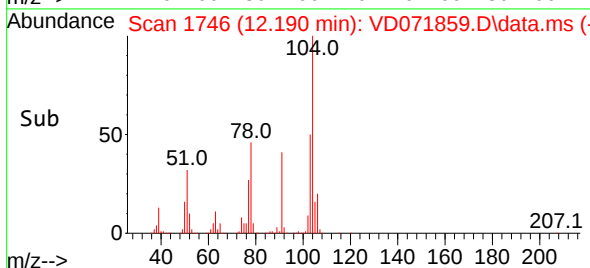
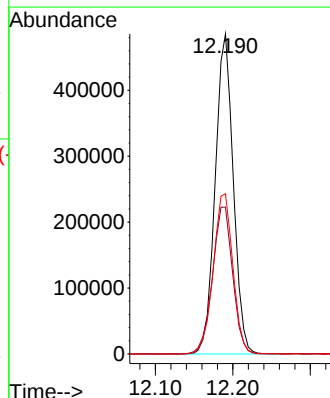
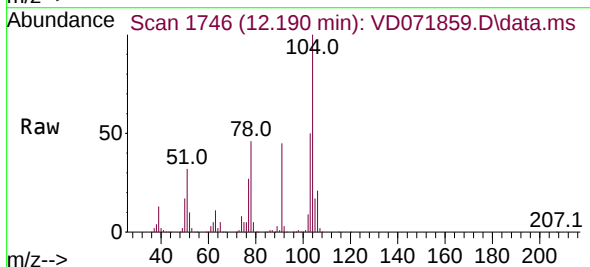
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

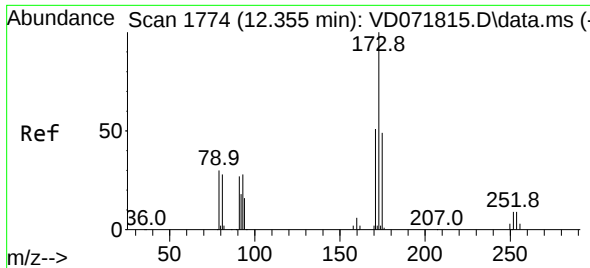
Tgt Ion:106 Resp: 450626
Ion Ratio Lower Upper
106 100
91 217.9 110.4 331.2



#70
Styrene
Concen: 56.630 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:104 Resp: 788428
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 54.4 44.2 66.4

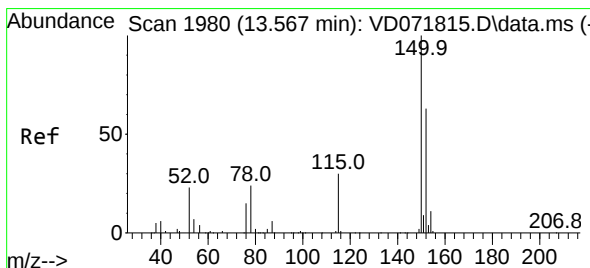
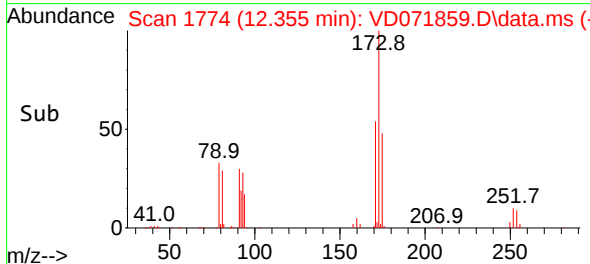
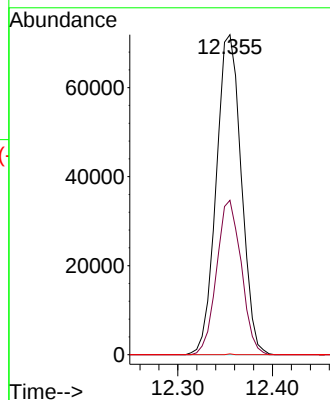
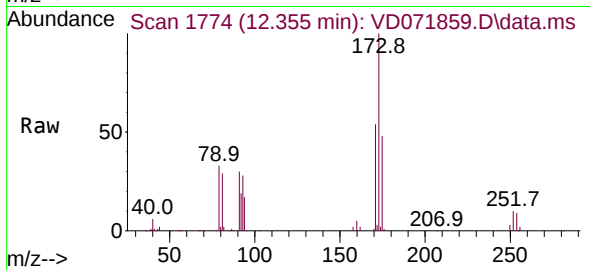




#71
Bromoform
Concen: 53.588 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

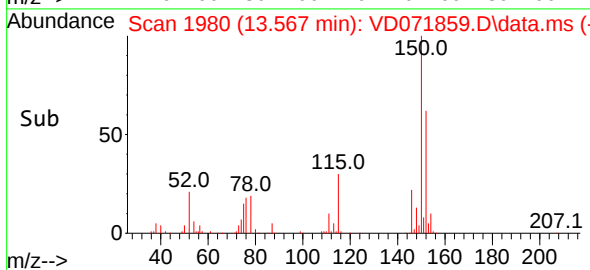
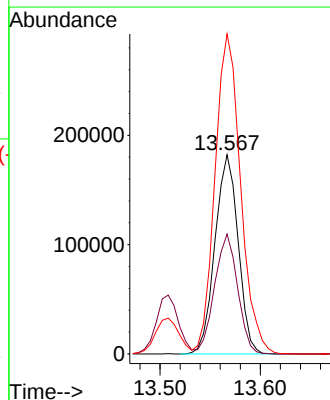
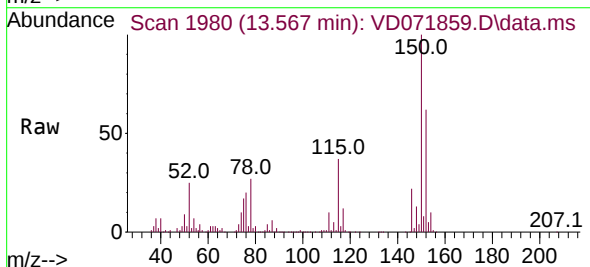
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

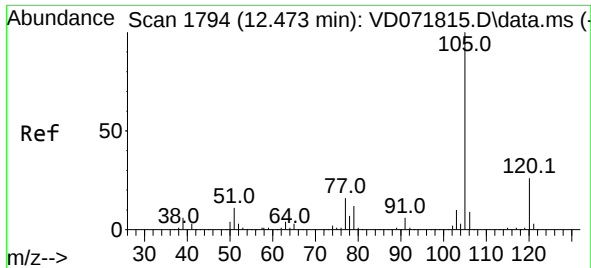
Tgt Ion:173 Resp: 132189
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:152 Resp: 292010
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 177.7 0.0 348.6

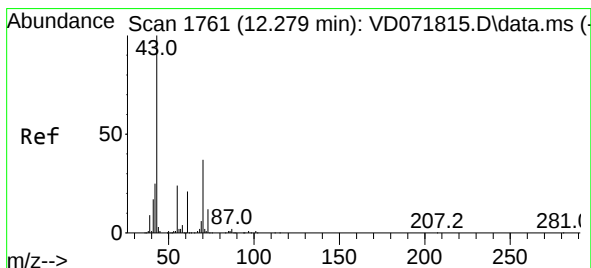
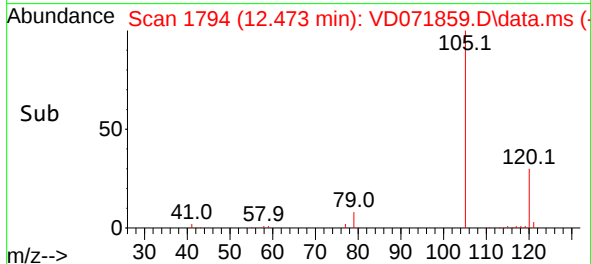
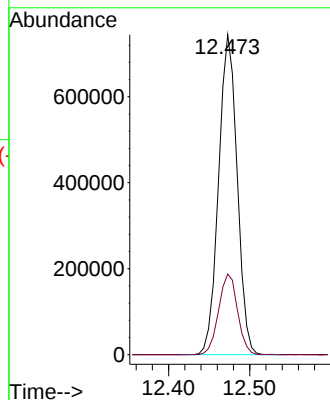
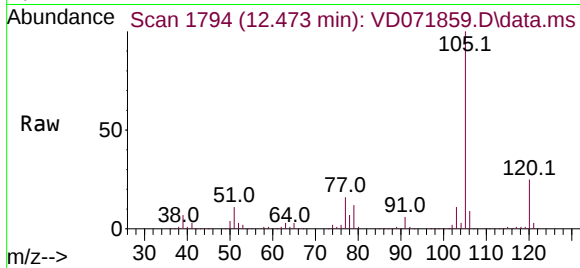




#73
Isopropylbenzene
Concen: 52.392 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

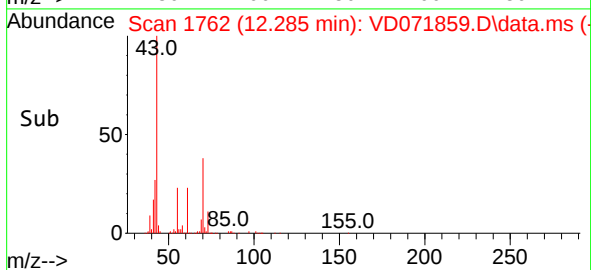
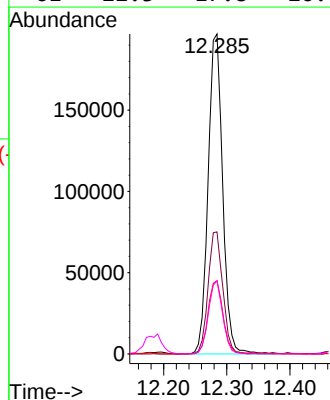
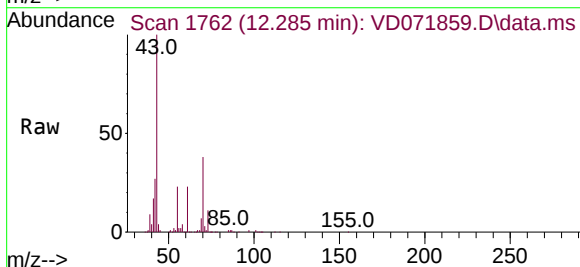
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

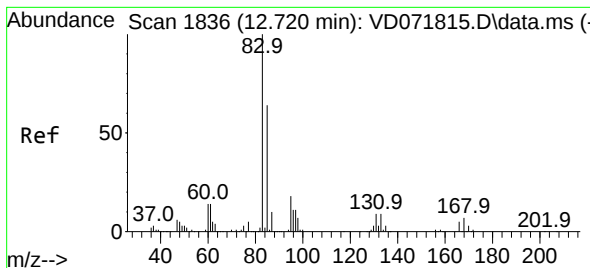
Tgt Ion:105 Resp: 1184682
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 56.795 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 43 Resp: 315824
Ion Ratio Lower Upper
43 100
70 38.8 31.3 46.9
55 23.7 20.0 30.0
61 22.3 17.8 26.8

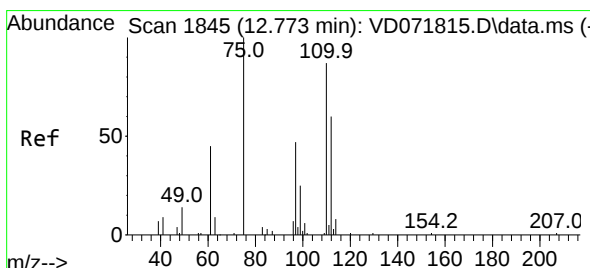
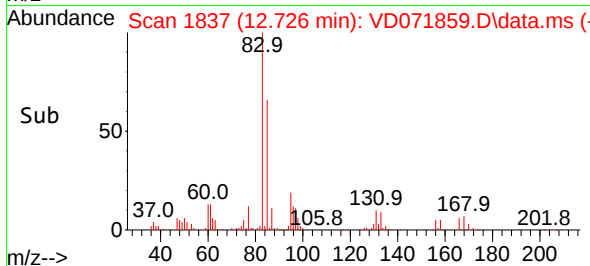
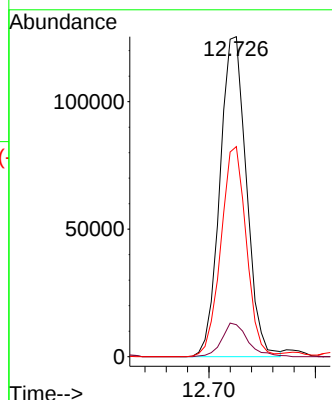
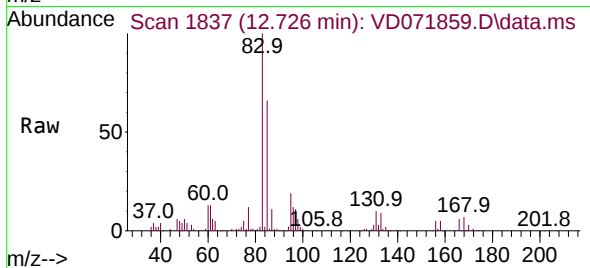




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.749 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

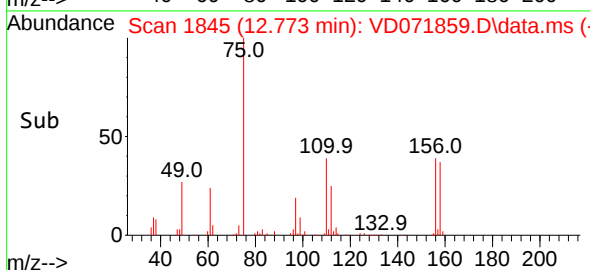
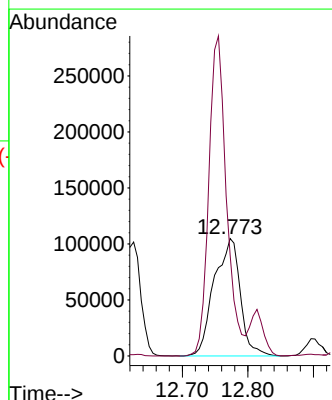
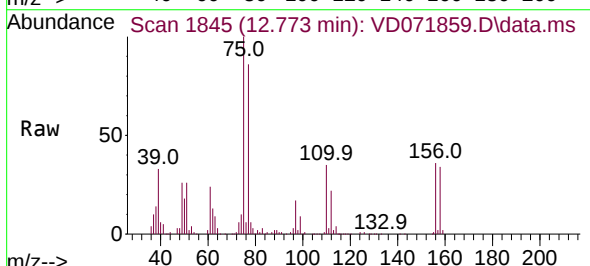
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

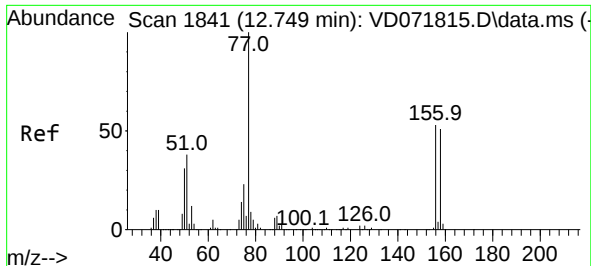
Tgt Ion: 83 Resp: 216541
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 63.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 94.232 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071859.D
 Acq: 31 Jan 2022 21:40

Tgt Ion: 75 Resp: 289991
 Ion Ratio Lower Upper
 75 100
 77 185.5 0.0 0.0#

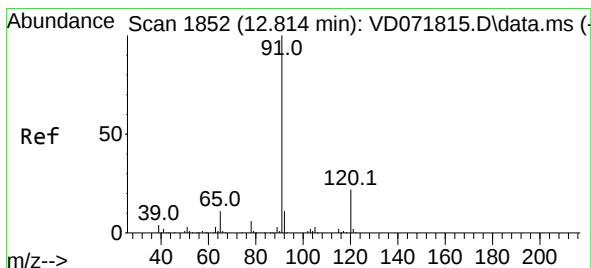
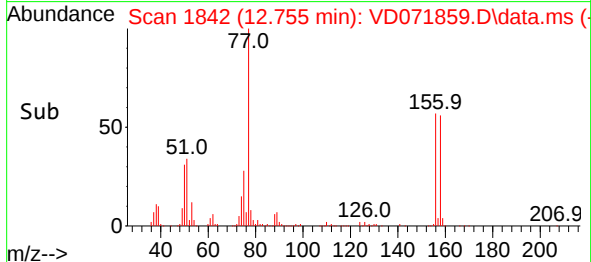
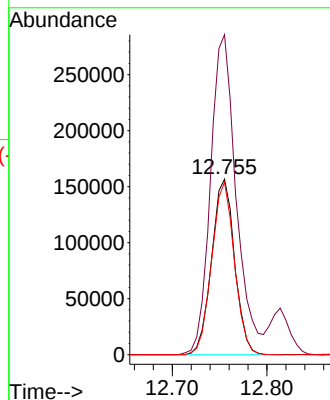
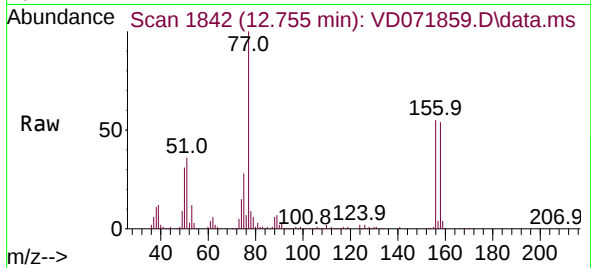




#77
Bromobenzene
Concen: 52.412 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

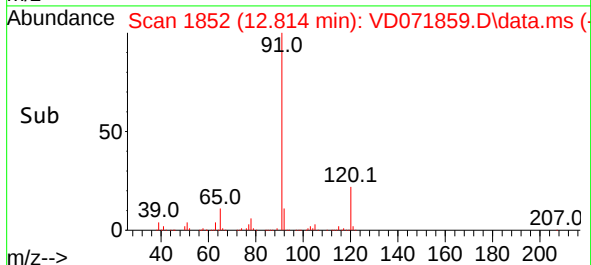
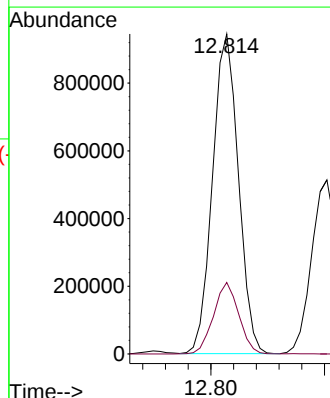
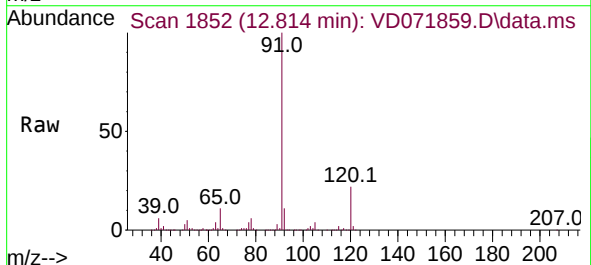
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

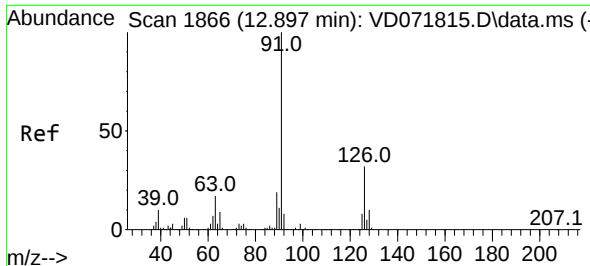
Tgt Ion:156 Resp: 263625
Ion Ratio Lower Upper
156 100
77 204.0 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 52.601 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 91 Resp: 1491397
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9

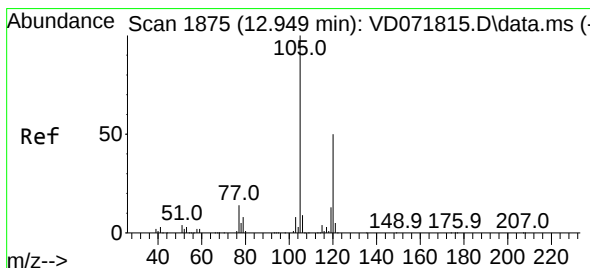
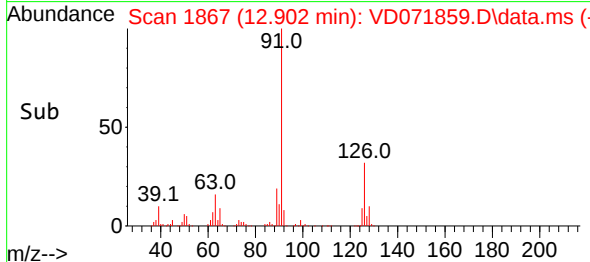
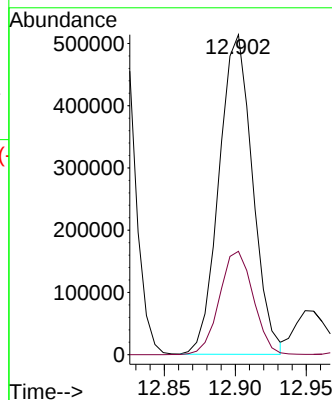
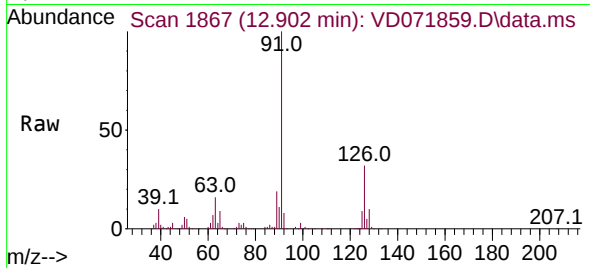




#79
2-Chlorotoluene
Concen: 52.489 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

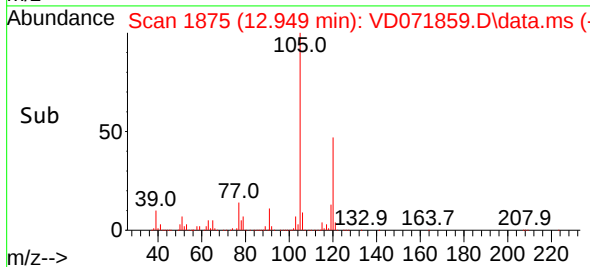
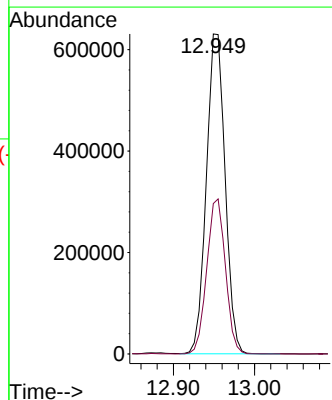
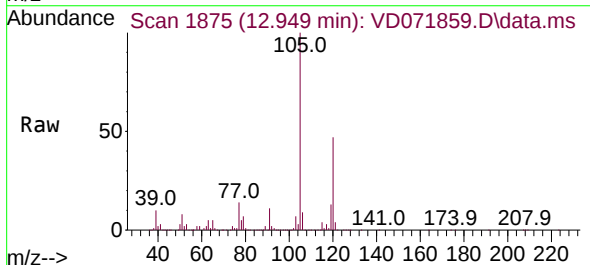
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

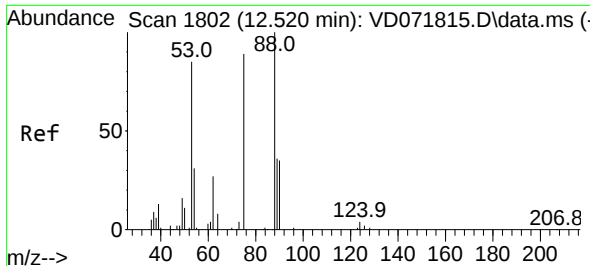
Tgt Ion: 91 Resp: 843358
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.866 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:105 Resp: 1010267
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

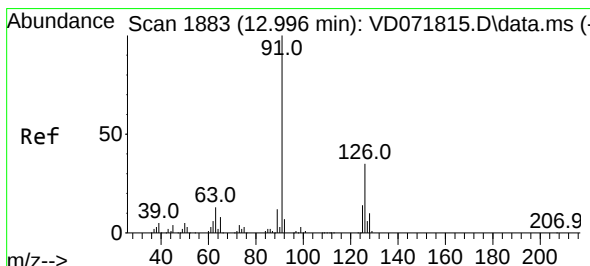
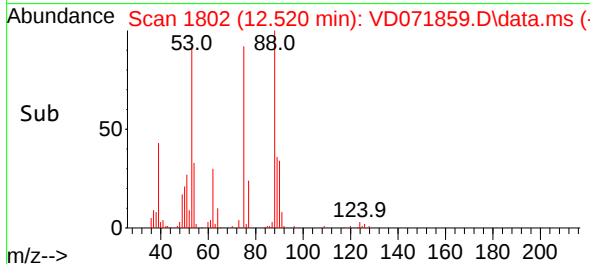
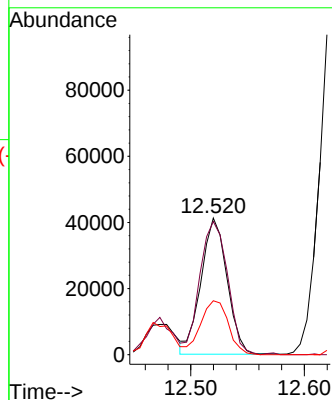
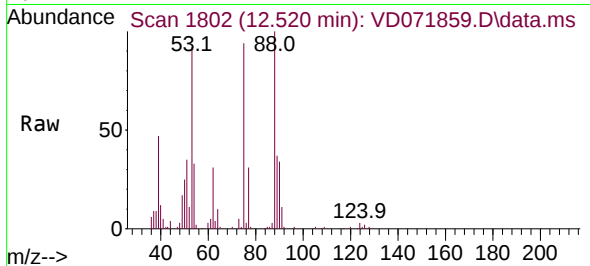




#81
trans-1,4-Dichloro-2-butene
Concen: 52.469 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

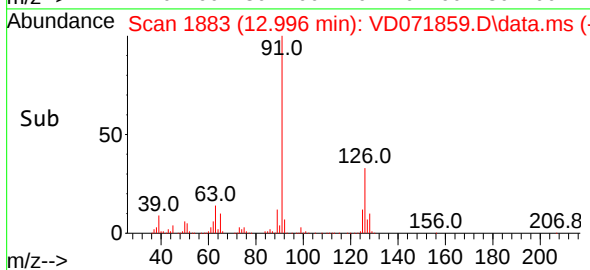
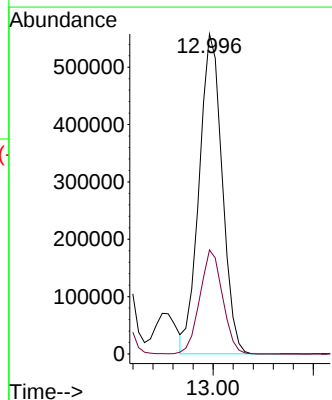
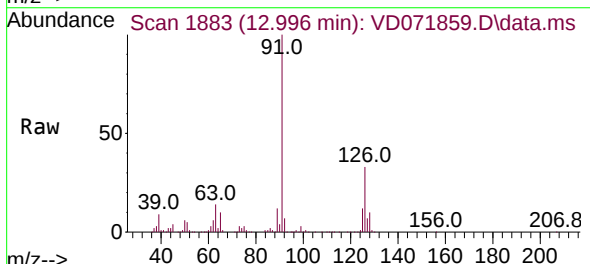
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

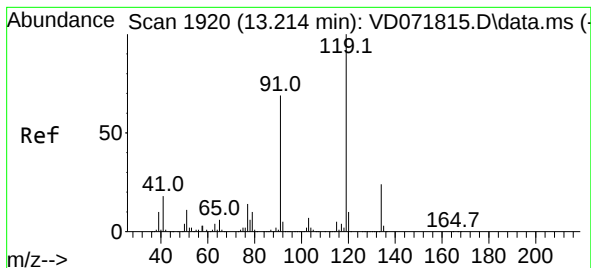
Tgt Ion: 75 Resp: 65671
Ion Ratio Lower Upper
75 100
53 104.8 86.5 129.7
89 42.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 53.143 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 91 Resp: 888346
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.515 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

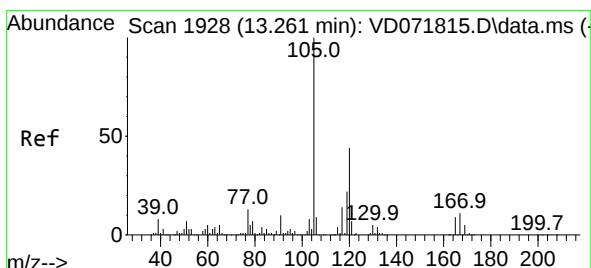
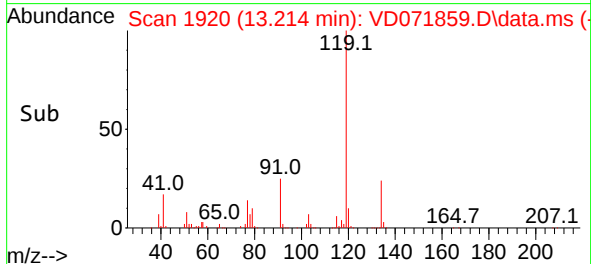
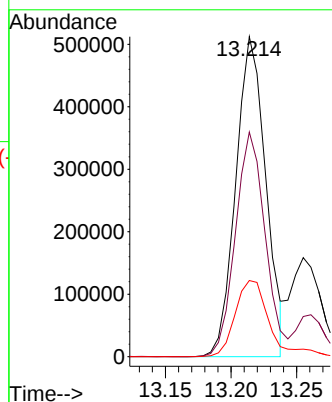
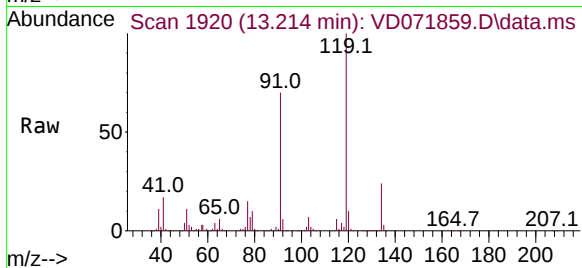
Tgt Ion:119 Resp: 816259

Ion Ratio Lower Upper

119 100

91 69.9 34.8 104.5

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.273 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. -0.000 min

Lab File: VD071859.D

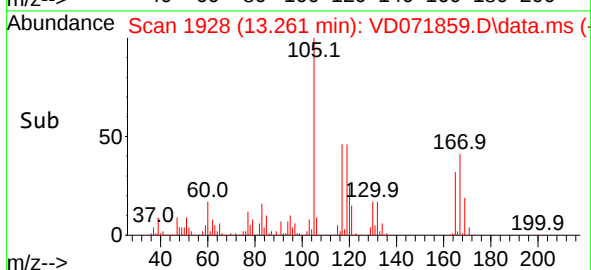
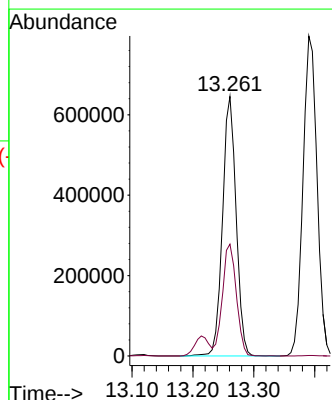
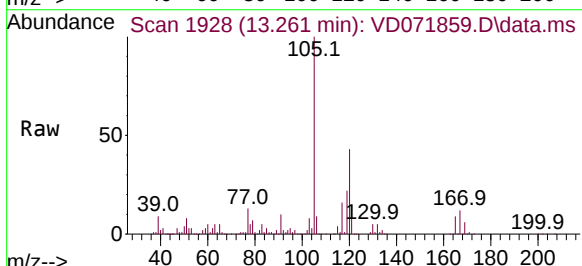
Acq: 31 Jan 2022 21:40

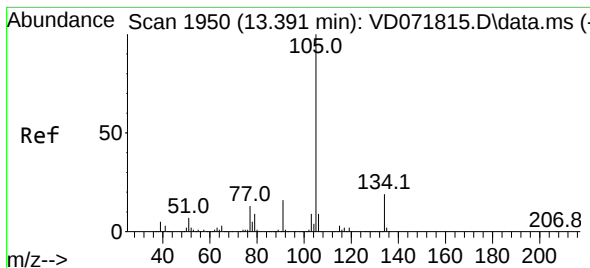
Tgt Ion:105 Resp: 1001288

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.253 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

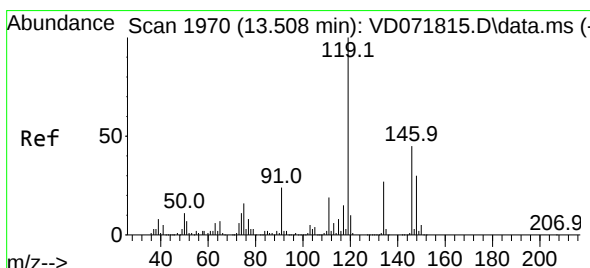
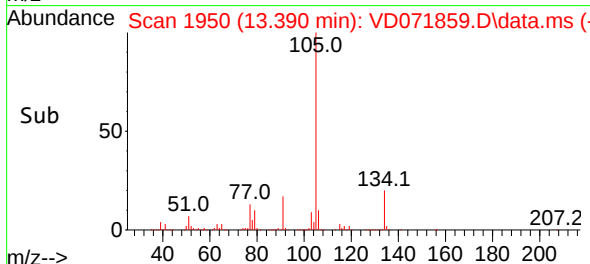
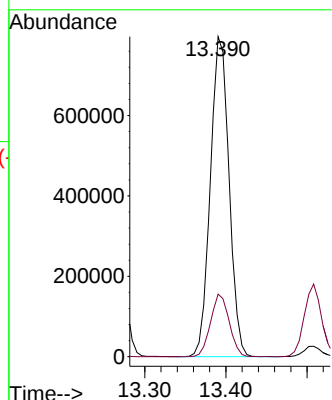
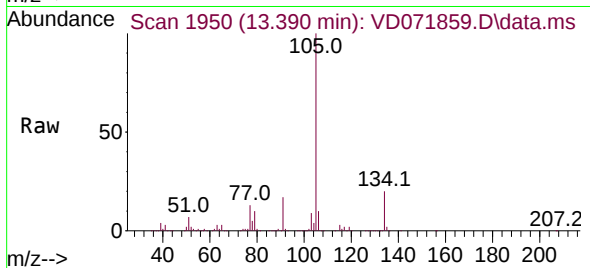
VSTDCCC050EC

Tgt Ion:105 Resp: 1270839

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.050 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.006 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

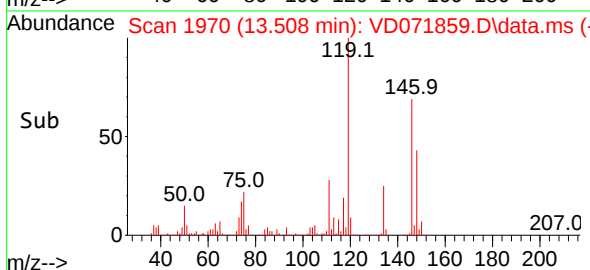
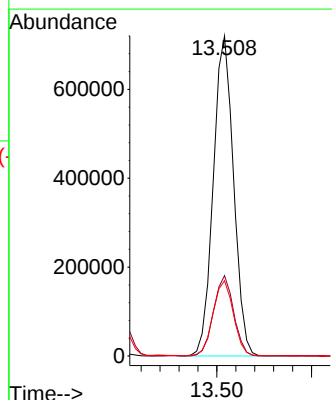
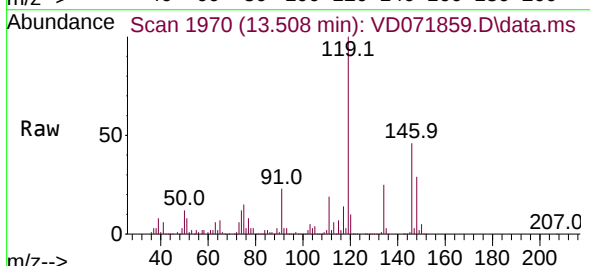
Tgt Ion:119 Resp: 1068208

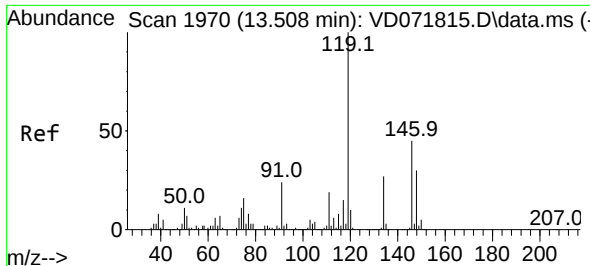
Ion Ratio Lower Upper

119 100

134 24.9 12.9 38.6

91 23.6 12.1 36.3

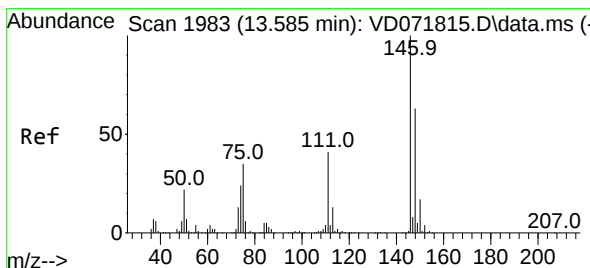
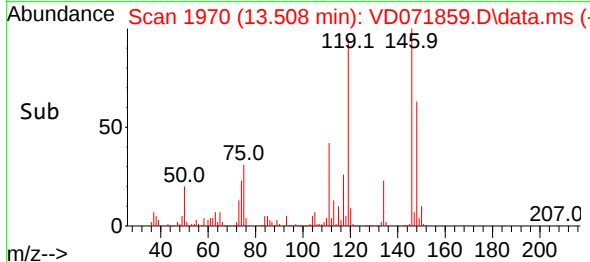
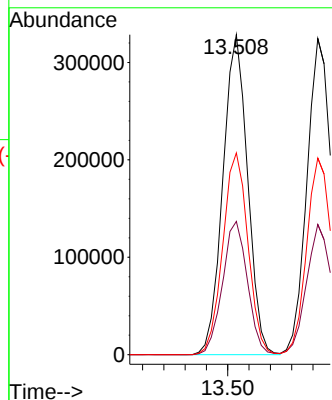
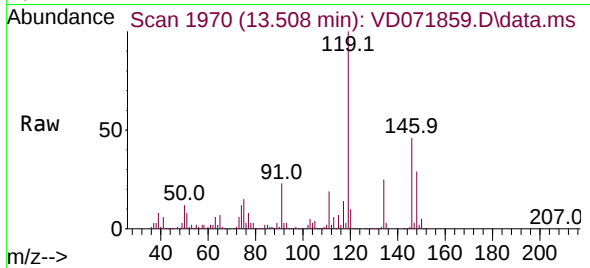




#87
1,3-Dichlorobenzene
Concen: 51.703 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

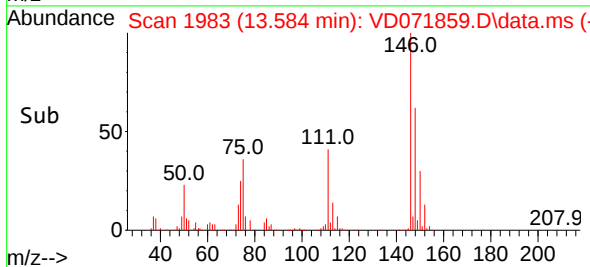
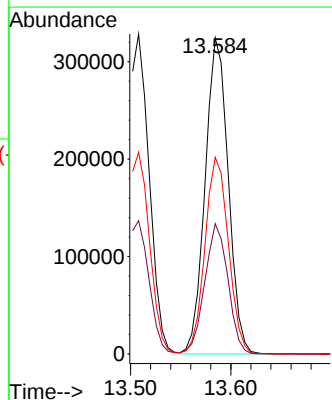
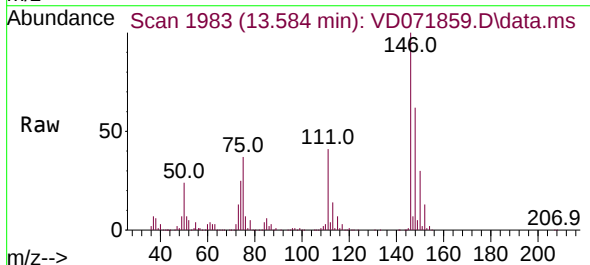
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

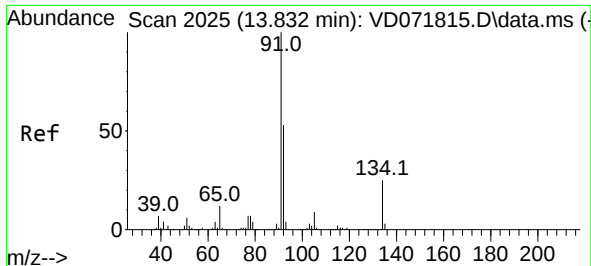
Tgt Ion:146 Resp: 528080
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.052 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:146 Resp: 520393
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 63.2 31.7 95.1

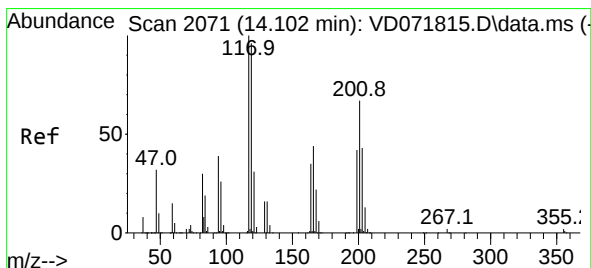
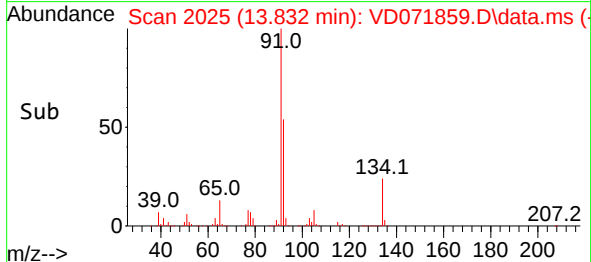
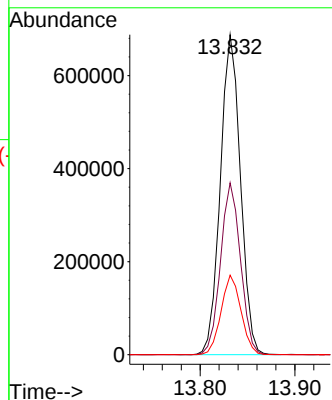
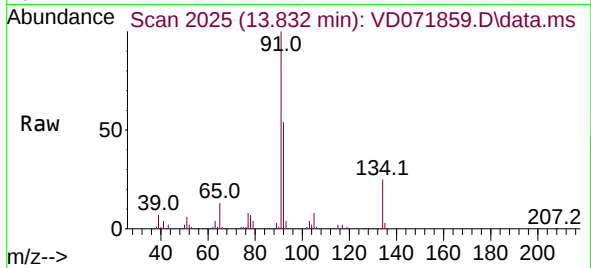




#89
n-Butylbenzene
Concen: 52.408 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

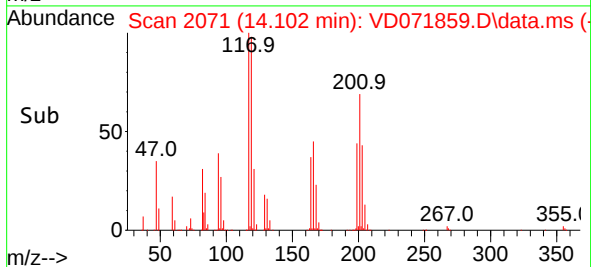
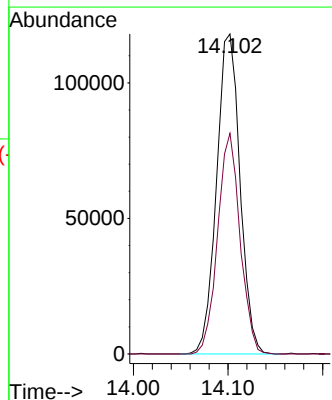
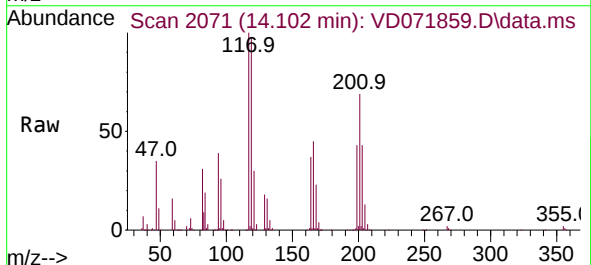
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

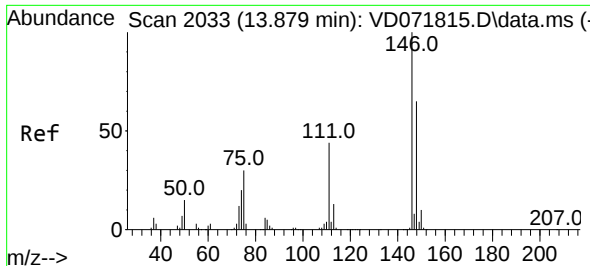
Tgt Ion: 91 Resp: 1016191
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 51.751 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion: 117 Resp: 203299
Ion Ratio Lower Upper
117 100
201 65.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 52.402 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

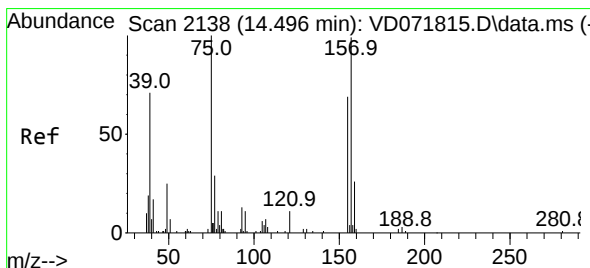
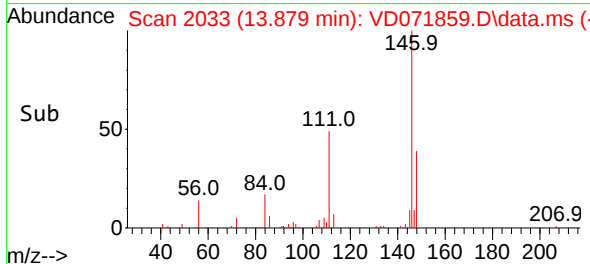
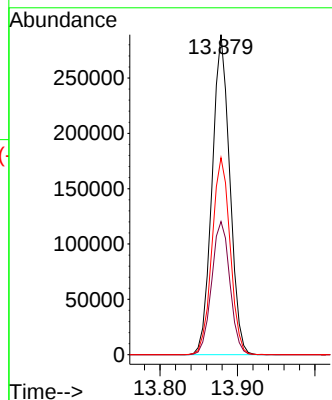
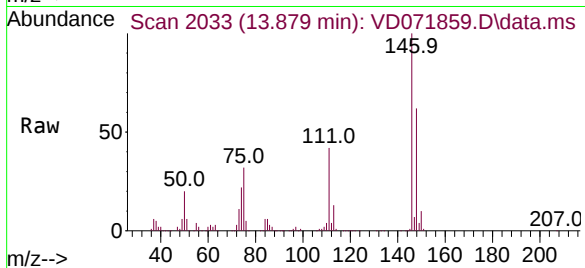
Tgt Ion:146 Resp: 458021

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.3

148 62.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.250 ug/l

RT: 14.496 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

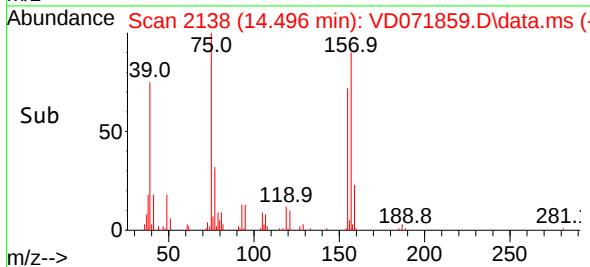
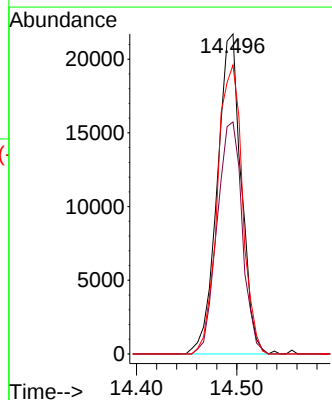
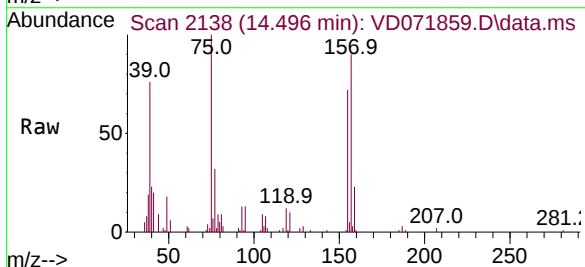
Tgt Ion: 75 Resp: 36209

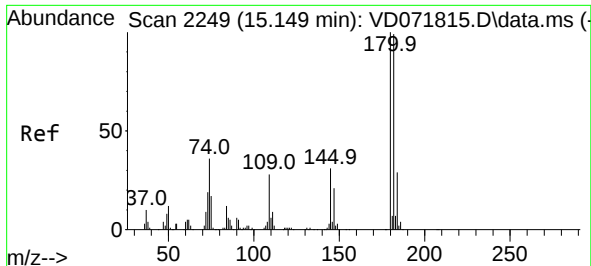
Ion Ratio Lower Upper

75 100

155 75.4 36.8 110.3

157 93.4 48.4 145.0

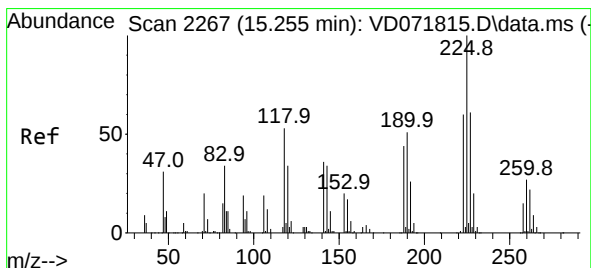
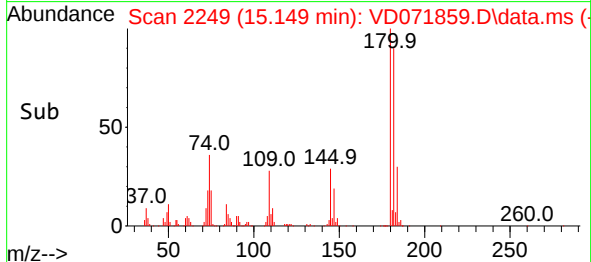
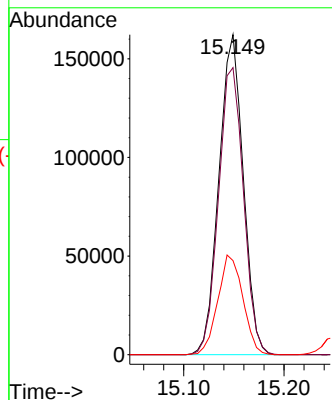
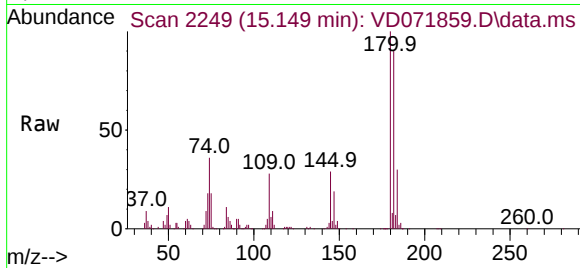




#93
1,2,4-Trichlorobenzene
Concen: 53.530 ug/l
RT: 15.149 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

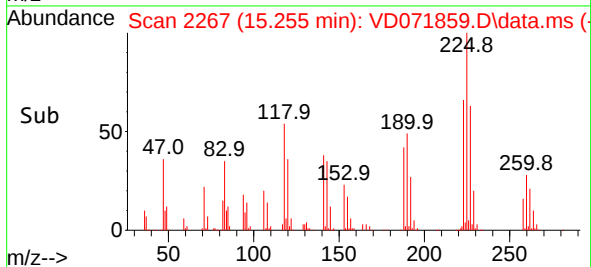
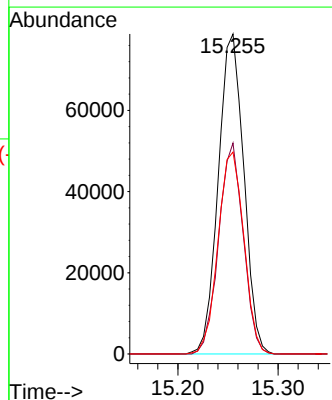
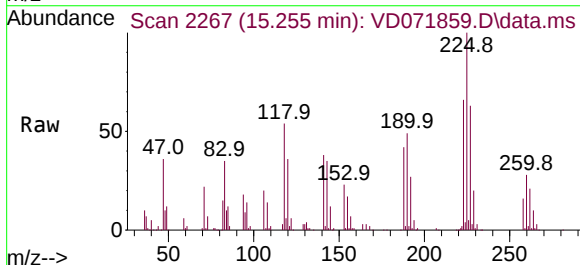
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

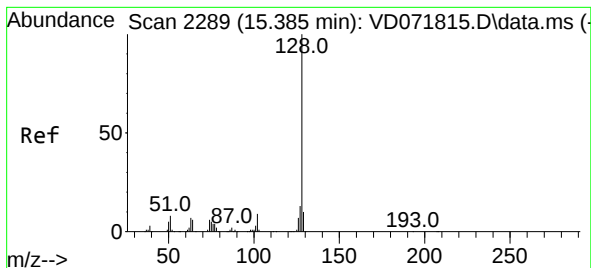
Tgt Ion:180 Resp: 273327
Ion Ratio Lower Upper
180 100
182 92.2 47.3 142.0
145 32.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 50.040 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071859.D
Acq: 31 Jan 2022 21:40

Tgt Ion:225 Resp: 139320
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.9 32.4 97.0





#95

Naphthalene

Concen: 51.580 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

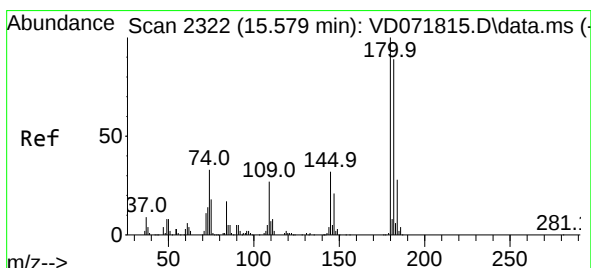
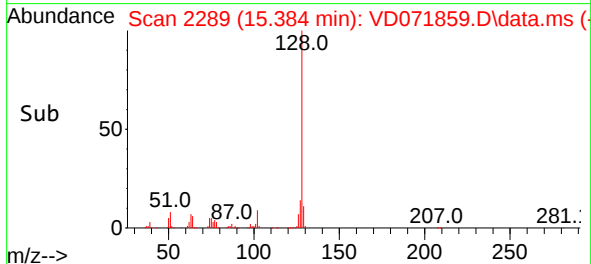
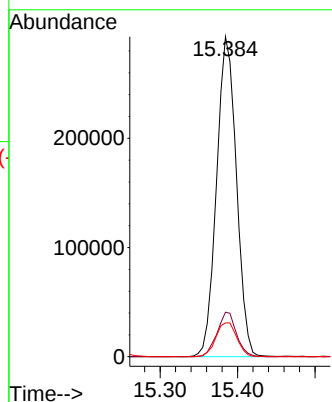
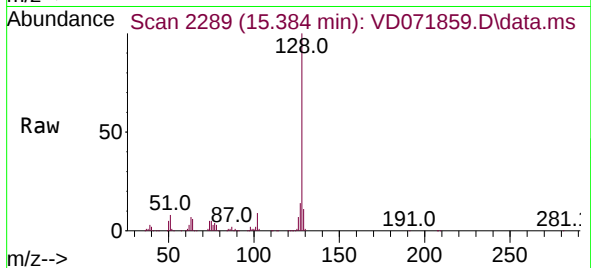
Tgt Ion:128 Resp: 523700

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 54.593 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD071859.D

Acq: 31 Jan 2022 21:40

Tgt Ion:180 Resp: 238930

Ion Ratio Lower Upper

180 100

182 92.6 47.6 142.9

145 33.7 17.1 51.3

