

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071861.D
 Acq On : 01 Feb 2022 09:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 07:04:22 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	380027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	638066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	588558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	261411	54.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.914	113	230564	54.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.940%	
50) Toluene-d8	10.338	98	883841	56.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.626	95	303551	55.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	213050	47.276	ug/l	95
3) Chloromethane	2.215	50	267267	49.536	ug/l	98
4) Vinyl Chloride	2.362	62	286478	50.716	ug/l	97
5) Bromomethane	2.779	94	198577	53.280	ug/l	97
6) Chloroethane	2.932	64	187787	52.459	ug/l	99
7) Trichlorofluoromethane	3.285	101	410730	50.737	ug/l	99
8) Diethyl Ether	3.715	74	102920	48.184	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.109	101	230076	50.378	ug/l	99
10) Methyl Iodide	4.309	142	251436	53.703	ug/l	98
11) Tert butyl alcohol	5.215	59	51903	167.705	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	217743	52.153	ug/l	98
13) Acrolein	3.926	56	89526	209.843	ug/l	98
14) Allyl chloride	4.720	41	417637	52.478	ug/l	98
15) Acrylonitrile	5.420	53	268428	247.263	ug/l	98
16) Acetone	4.156	43	346802	263.754	ug/l	99
17) Carbon Disulfide	4.420	76	754521	51.828	ug/l	98
18) Methyl Acetate	4.720	43	120677	42.449	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	497403	49.800	ug/l	96
20) Methylene Chloride	4.967	84	242073	50.474	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	255219	52.509	ug/l	98
22) Diisopropyl ether	6.367	45	840656	53.895	ug/l	99
23) Vinyl Acetate	6.309	43	2320401	269.664	ug/l	98
24) 1,1-Dichloroethane	6.267	63	482540	53.076	ug/l	99
25) 2-Butanone	7.214	43	388680	253.568	ug/l	98
26) 2,2-Dichloropropane	7.214	77	399744	53.133	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	271100	51.931	ug/l	96
28) Bromochloromethane	7.544	49	173573	50.617	ug/l	98
29) Tetrahydrofuran	7.561	42	221072	243.749	ug/l	99
30) Chloroform	7.709	83	484486	52.161	ug/l	99
31) Cyclohexane	7.985	56	464307	50.633	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	430397	52.535	ug/l	98
36) 1,1-Dichloropropene	8.114	75	384974	53.478	ug/l	99
37) Ethyl Acetate	7.291	43	160475	47.948	ug/l	97
38) Carbon Tetrachloride	8.097	117	375616	52.762	ug/l	98
39) Methylcyclohexane	9.355	83	442836	53.091	ug/l	98
40) Benzene	8.350	78	1041028	53.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	96685	51.063	ug/l	96
42) 1,2-Dichloroethane	8.420	62	321903	52.461	ug/l	100
43) Isopropyl Acetate	8.450	43	299985	49.870	ug/l	100
44) Trichloroethene	9.114	130	265428	52.903	ug/l	97
45) 1,2-Dichloropropane	9.385	63	265816	53.052	ug/l	94
46) Dibromomethane	9.473	93	136270	51.942	ug/l	99
47) Bromodichloromethane	9.661	83	361889	52.158	ug/l	98
48) Methyl methacrylate	9.455	41	156144	49.047	ug/l	96
49) 1,4-Dioxane	9.461	88	26430	882.627	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	786788	249.942	ug/l	100
52) Toluene	10.402	92	656542	54.334	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	334487	52.489	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	390594	52.290	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	177809	51.067	ug/l	96
56) Ethyl methacrylate	10.655	69	218956	50.790	ug/l	98
57) 1,3-Dichloropropane	10.944	76	319775	51.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	470878	232.029	ug/l	99
59) 2-Hexanone	10.979	43	611371	267.587	ug/l	97
60) Dibromochloromethane	11.132	129	221871	51.602	ug/l	100
61) 1,2-Dibromoethane	11.244	107	169296	50.465	ug/l	100
64) Tetrachloroethene	10.873	164	220032	52.852	ug/l	98
65) Chlorobenzene	11.667	112	657205	52.782	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	241640	53.345	ug/l	99
67) Ethyl Benzene	11.738	91	1262322	55.096	ug/l	99
68) m/p-Xylenes	11.849	106	967879	111.065	ug/l	99
69) o-Xylene	12.173	106	444115	56.079	ug/l	98
70) Styrene	12.191	104	759112	55.611	ug/l	99
71) Bromoform	12.355	173	120587	49.859	ug/l #	99
73) Isopropylbenzene	12.473	105	1179770	54.407	ug/l	99
74) N-amyl acetate	12.285	43	274588	51.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	194476	48.464	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	260598	88.303	ug/l #	100
77) Bromobenzene	12.755	156	250776	51.990	ug/l	96
78) n-propylbenzene	12.814	91	1504701	55.340	ug/l	100
79) 2-Chlorotoluene	12.902	91	826487	53.640	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	998503	55.517	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	58439	48.688	ug/l	99
82) 4-Chlorotoluene	12.996	91	877926	54.766	ug/l	99
83) tert-Butylbenzene	13.214	119	846132	56.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	983644	55.597	ug/l	100
85) sec-Butylbenzene	13.391	105	1285325	55.109	ug/l	100
86) p-Isopropyltoluene	13.508	119	1065581	56.224	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	513382	52.414	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	500601	51.211	ug/l	100
89) n-Butylbenzene	13.832	91	1029672	55.375	ug/l	99
90) Hexachloroethane	14.102	117	203942	54.135	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	440158	52.512	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32538	48.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	254471	51.969	ug/l	99
94) Hexachlorobutadiene	15.255	225	138411	51.840	ug/l	99
95) Naphthalene	15.385	128	454423	46.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	217206	51.752	ug/l	100

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ClientSampleId :
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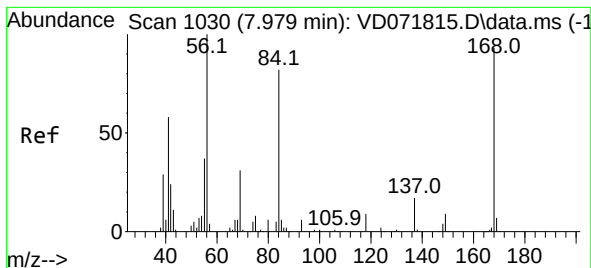
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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

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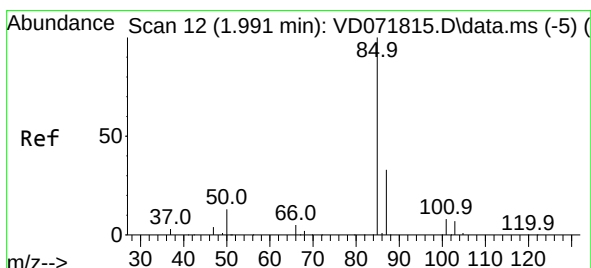
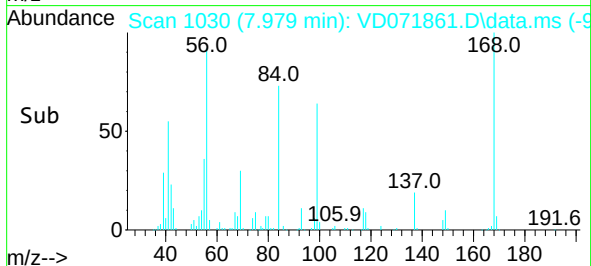
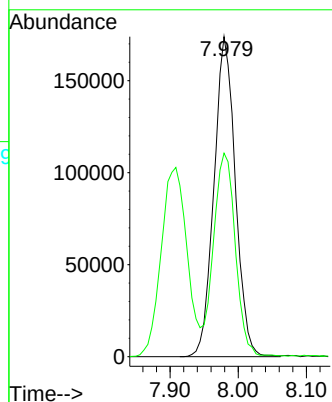
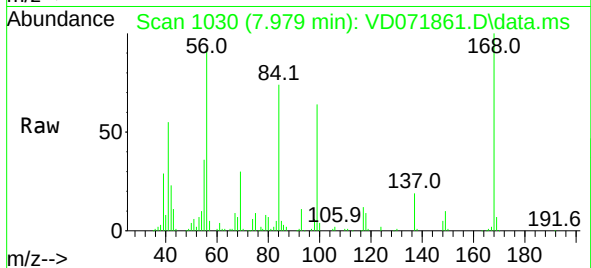




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

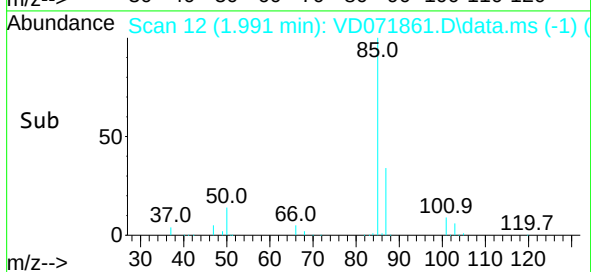
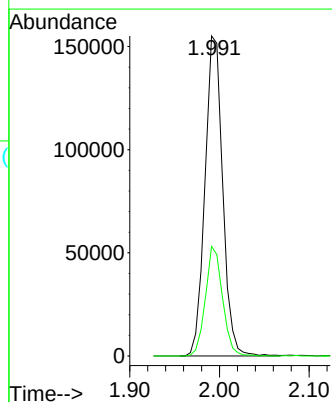
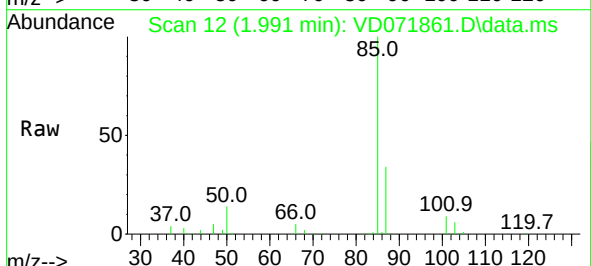
Instrument :
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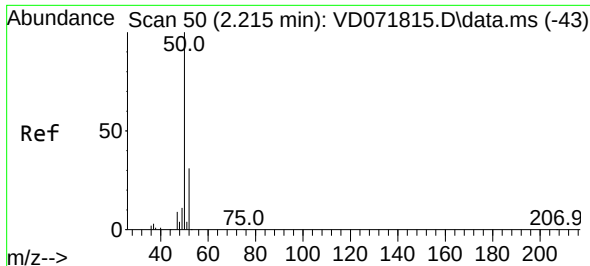
Tgt Ion:168 Resp: 380027
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 47.276 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 85 Resp: 213050
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0

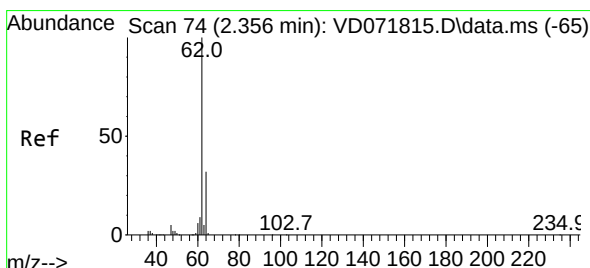
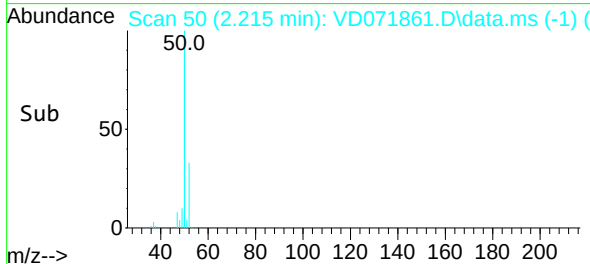
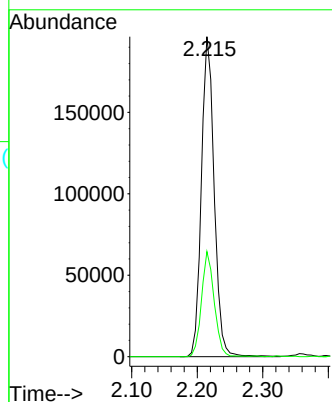
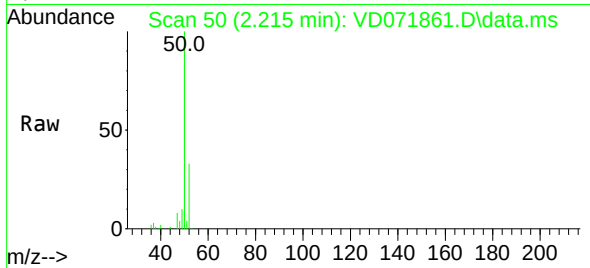




#3
Chloromethane
Concen: 49.536 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

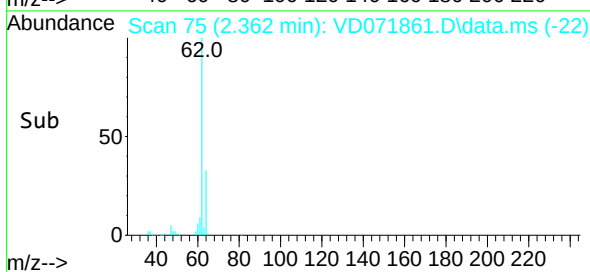
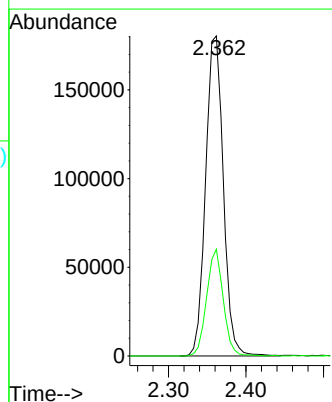
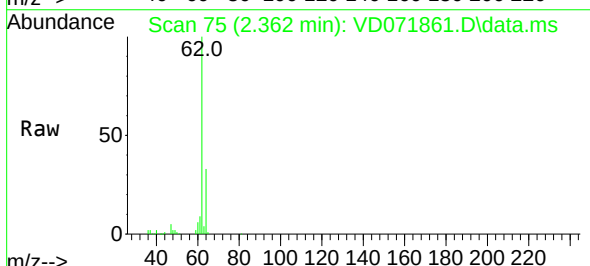
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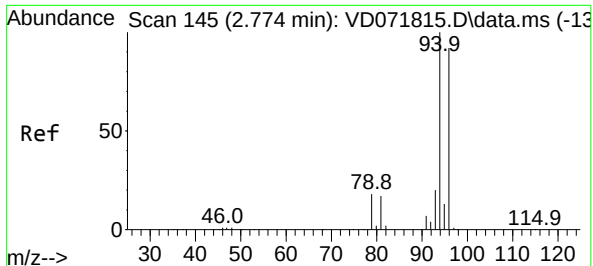
Tgt Ion: 50 Resp: 267267
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0



#4
Vinyl Chloride
Concen: 50.716 ug/l
RT: 2.362 min Scan# 75
Delta R.T. 0.012 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 62 Resp: 286478
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0

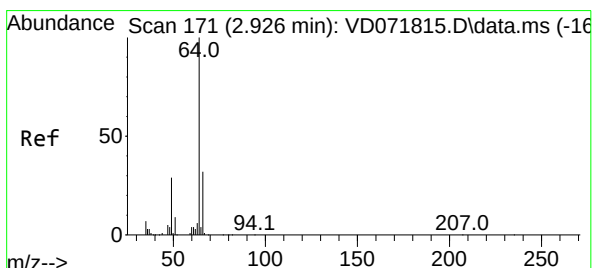
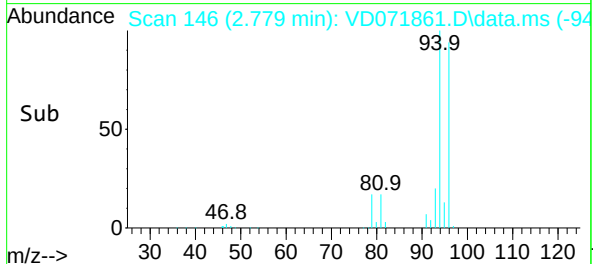
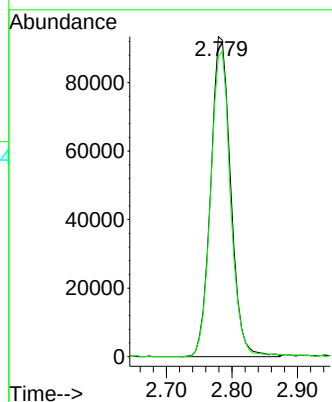
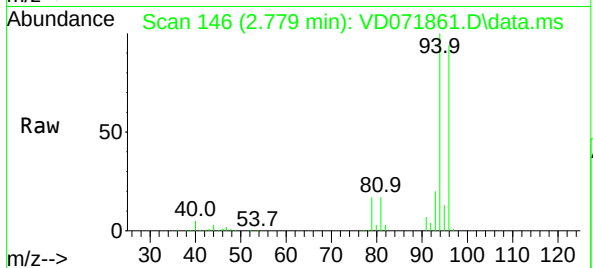




#5
Bromomethane
Concen: 53.280 ug/l
RT: 2.779 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

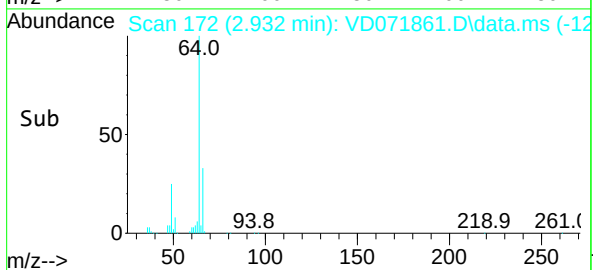
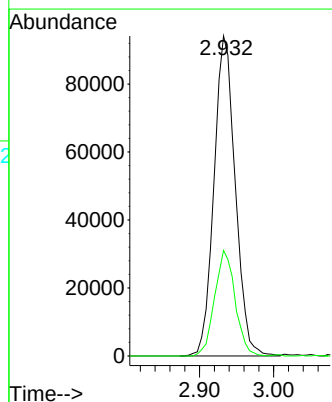
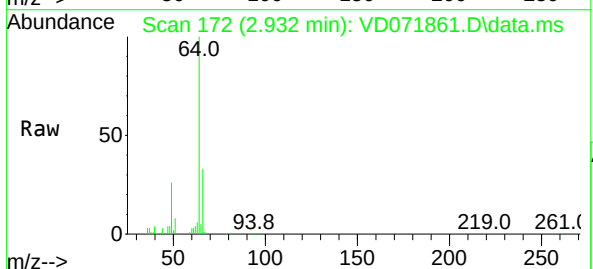
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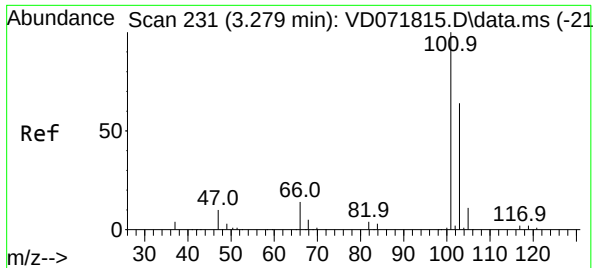
Tgt Ion: 94 Resp: 198577
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4



#6
Chloroethane
Concen: 52.459 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 64 Resp: 187787
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9

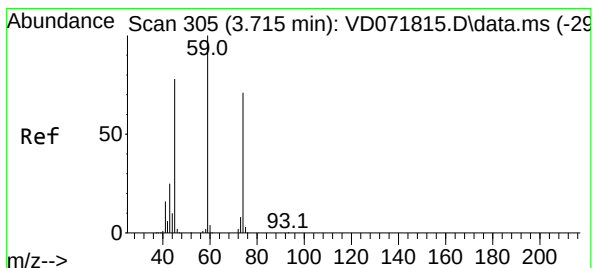
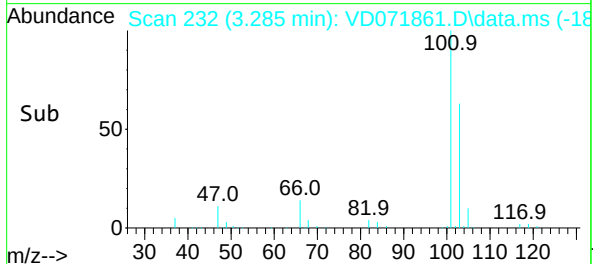
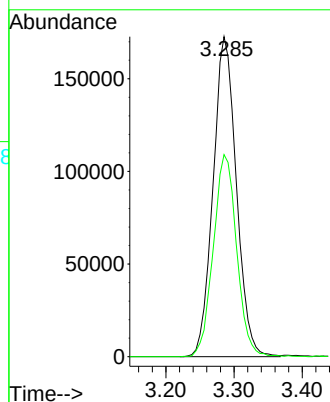
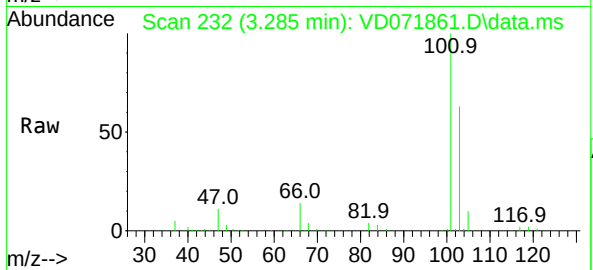




#7
Trichlorofluoromethane
Concen: 50.737 ug/l
RT: 3.285 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

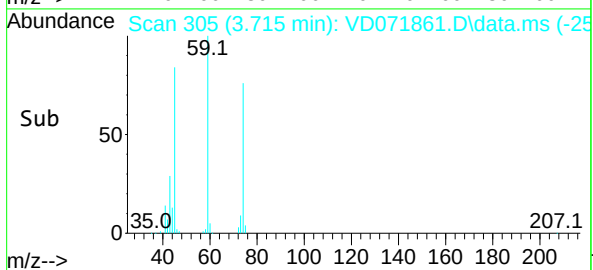
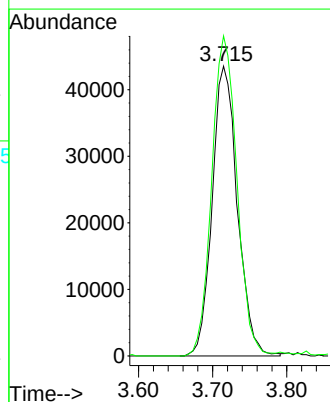
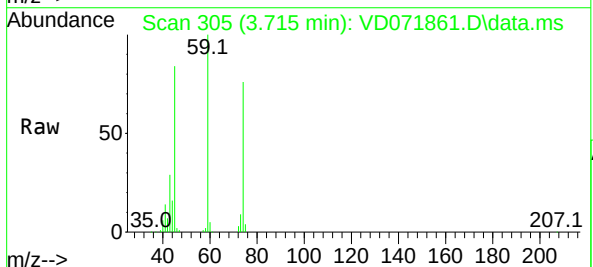
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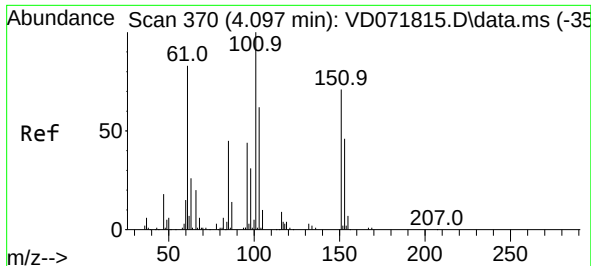
Tgt Ion:101 Resp: 410730
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1



#8
Diethyl Ether
Concen: 48.184 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 74 Resp: 102920
Ion Ratio Lower Upper
74 100
45 110.5 52.6 157.8

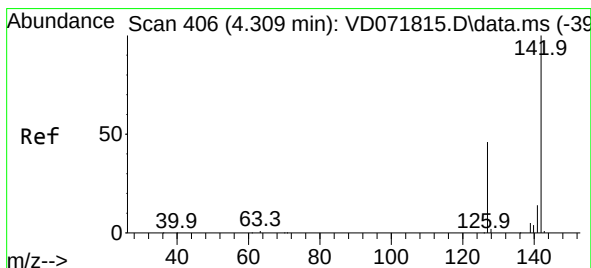
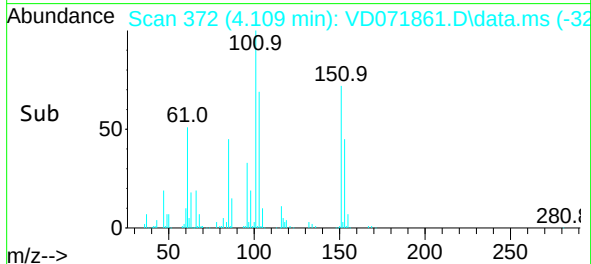
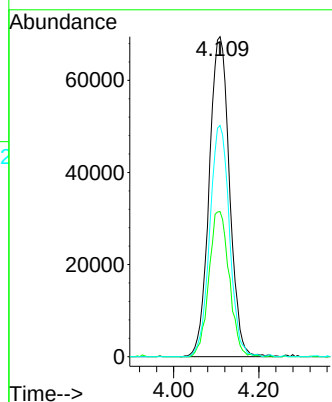
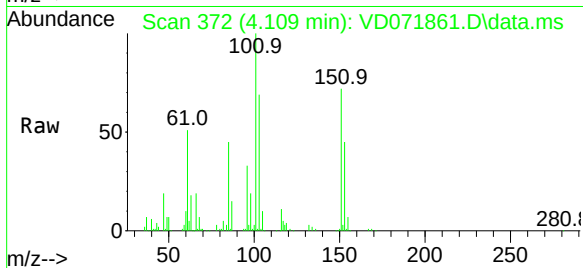




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.378 ug/l
 RT: 4.109 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VD071861.D
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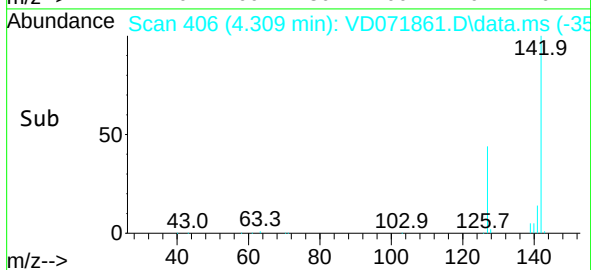
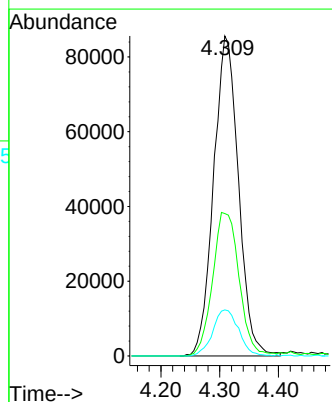
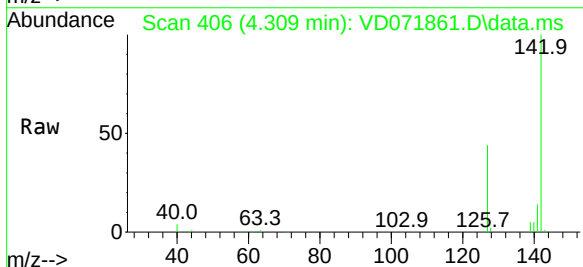
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

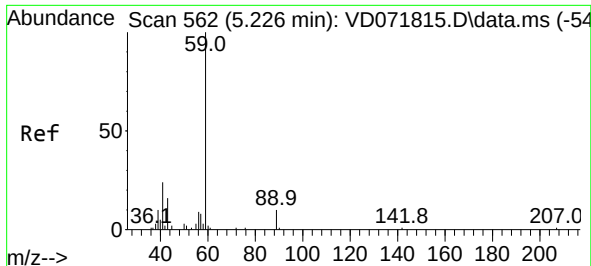
Tgt Ion:101 Resp: 230076
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.4 54.6
 151 70.1 57.3 85.9



#10
 Methyl Iodide
 Concen: 53.703 ug/l
 RT: 4.309 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion:142 Resp: 251436
 Ion Ratio Lower Upper
 142 100
 127 47.9 37.3 55.9
 141 15.0 11.7 17.5

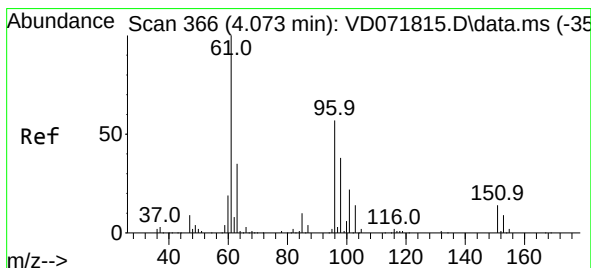
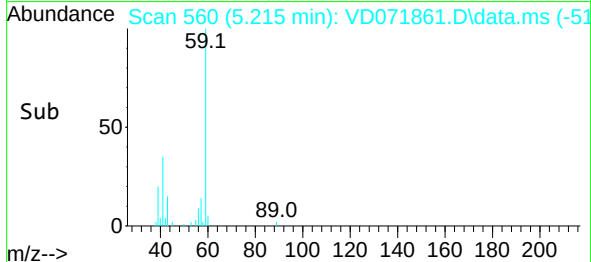
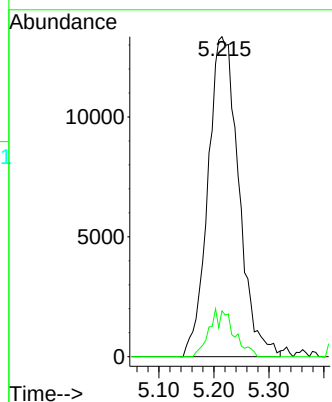
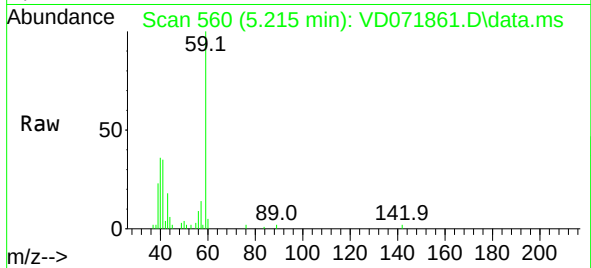




#11
Tert butyl alcohol
Concen: 167.705 ug/l
RT: 5.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

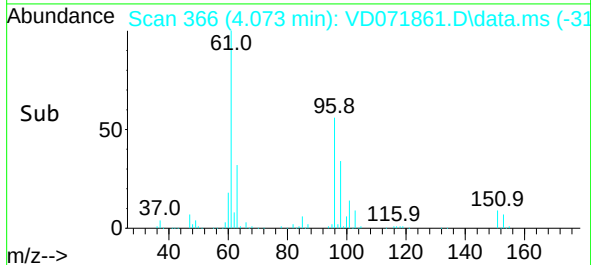
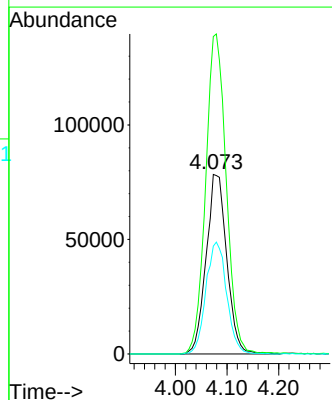
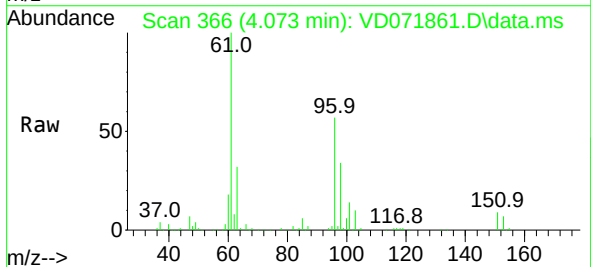
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

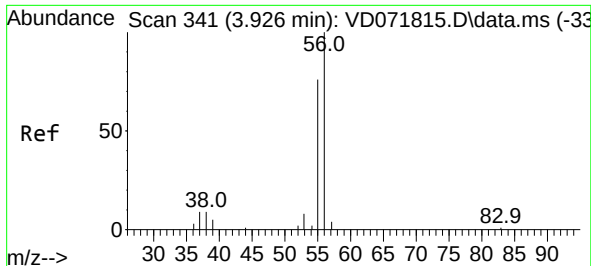
Tgt Ion: 59 Resp: 51903
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 52.153 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 96 Resp: 217743
Ion Ratio Lower Upper
96 100
61 176.8 138.5 207.7
98 60.1 48.6 73.0

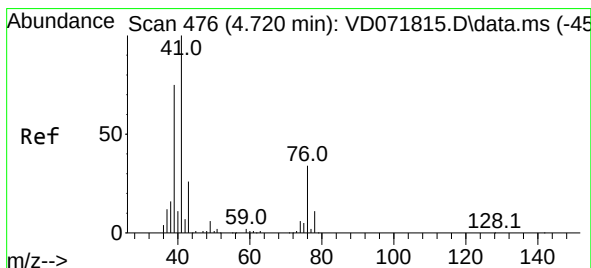
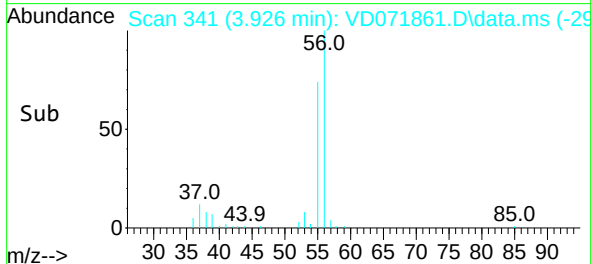
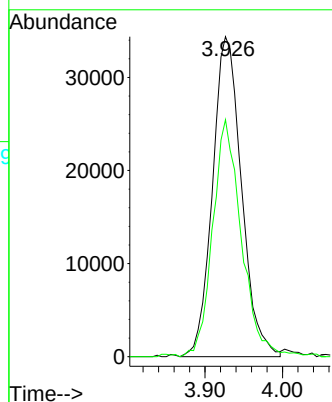
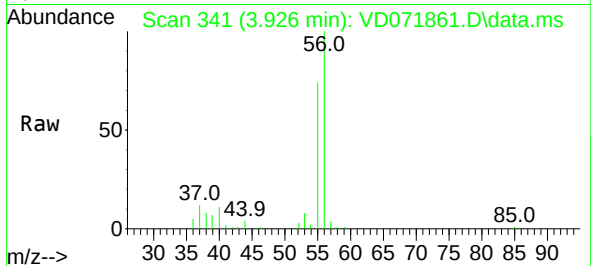




#13
Acrolein
Concen: 209.843 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

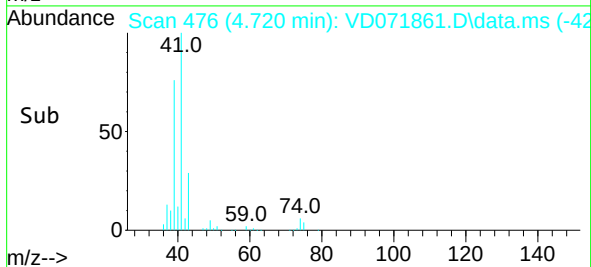
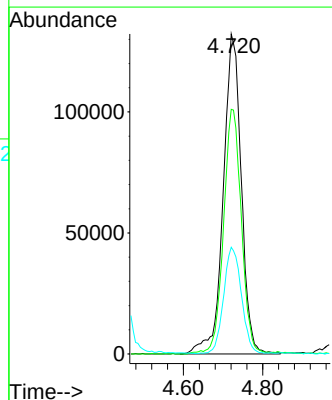
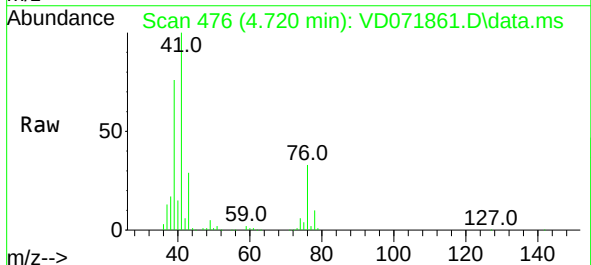
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

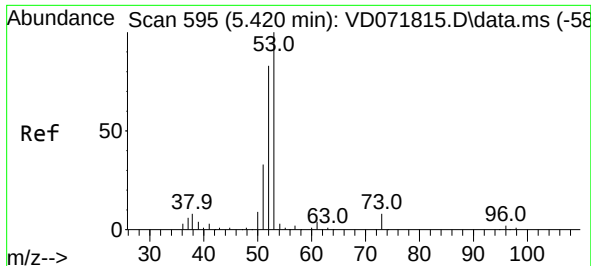
Tgt Ion: 56 Resp: 89526
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7



#14
Allyl chloride
Concen: 52.478 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 41 Resp: 417637
Ion Ratio Lower Upper
41 100
39 75.7 59.3 88.9
76 32.8 25.7 38.5

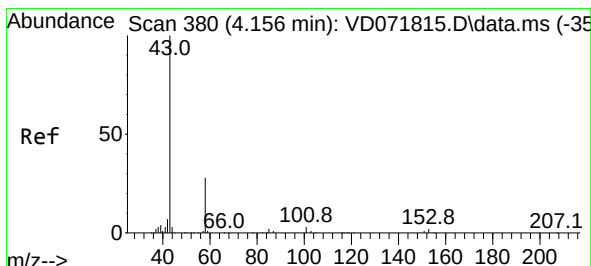
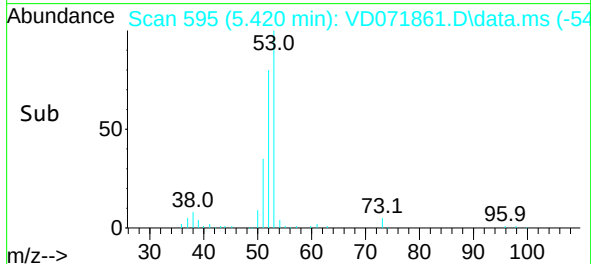
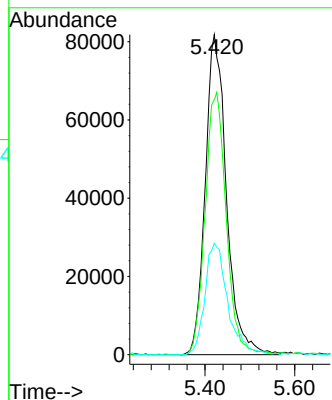
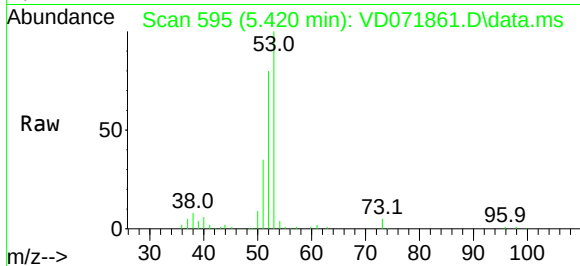




#15
Acrylonitrile
Concen: 247.263 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

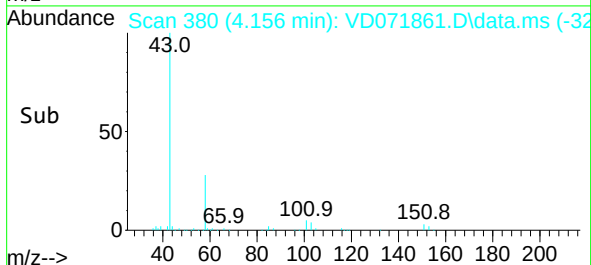
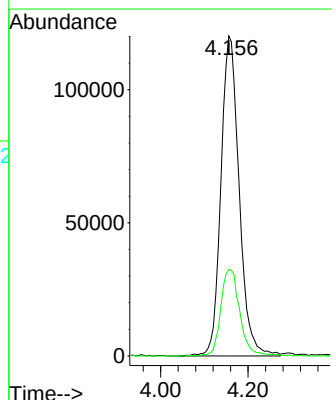
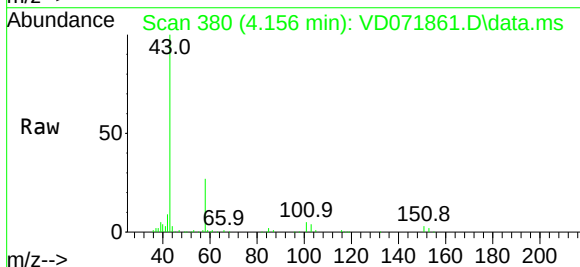
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

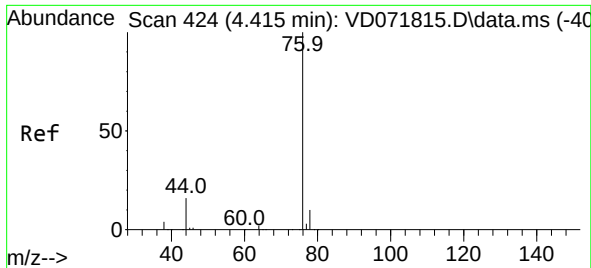
Tgt Ion: 53 Resp: 268428
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 37.5 30.3 45.5



#16
Acetone
Concen: 263.754 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 43 Resp: 346802
Ion Ratio Lower Upper
43 100
58 27.1 22.1 33.1

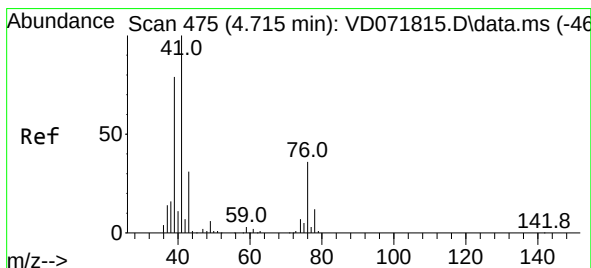
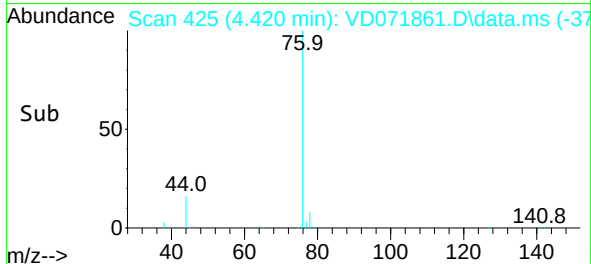
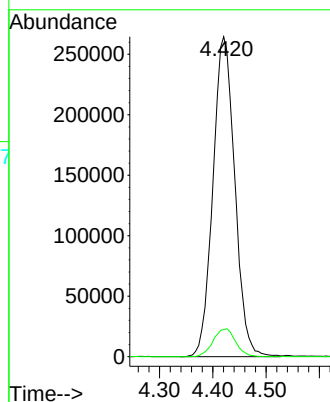
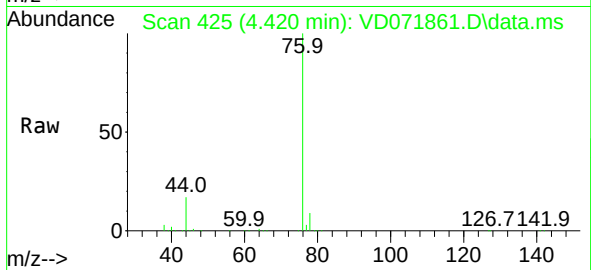




#17
Carbon Disulfide
Concen: 51.828 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

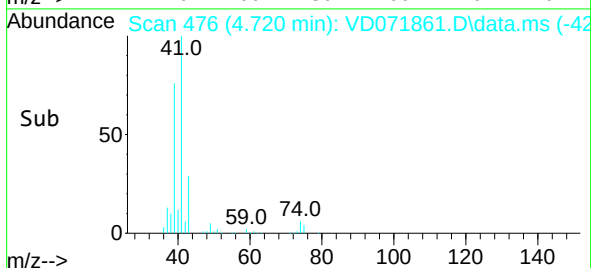
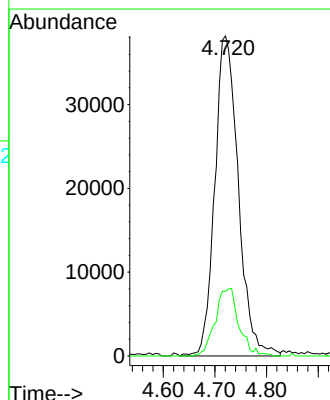
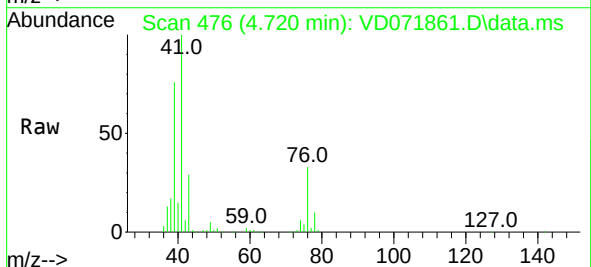
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

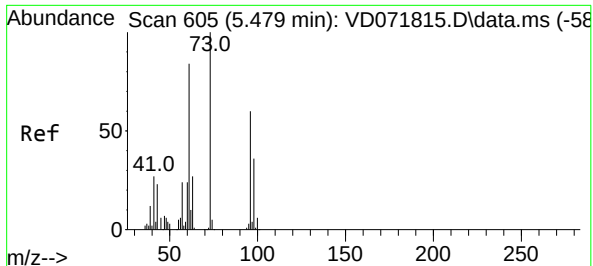
Tgt Ion: 76 Resp: 754521
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 42.449 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 43 Resp: 120677
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

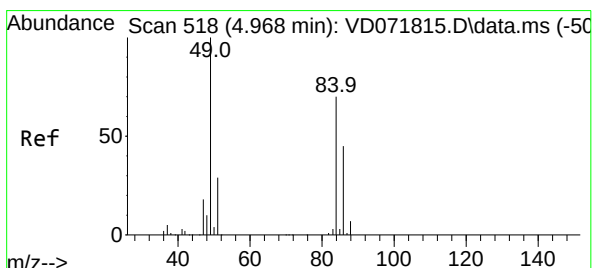
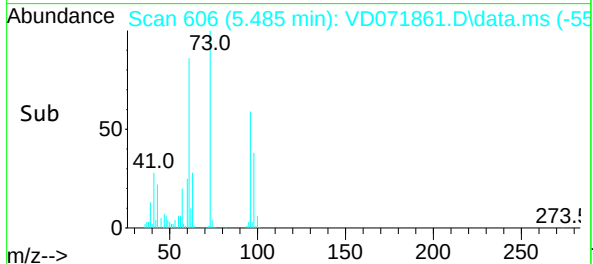
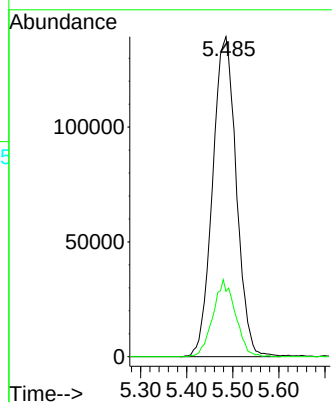
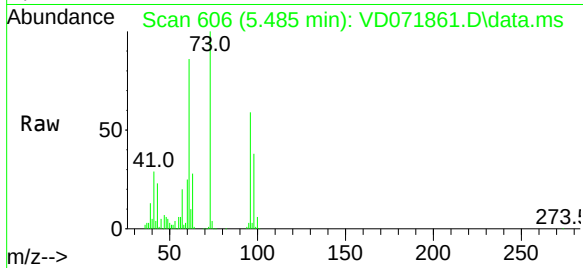




#19
Methyl tert-butyl Ether
Concen: 49.800 ug/l
RT: 5.485 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

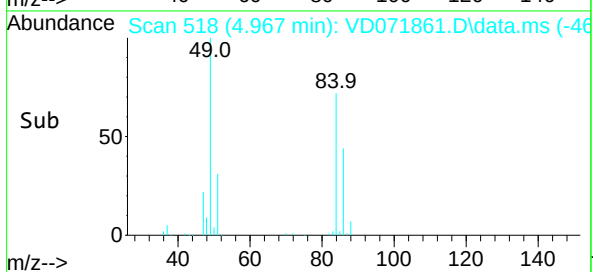
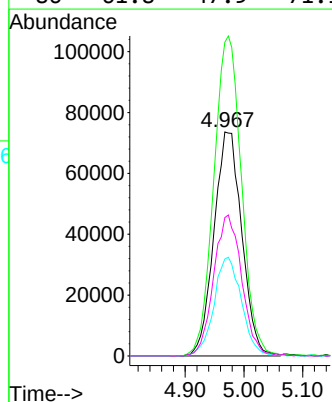
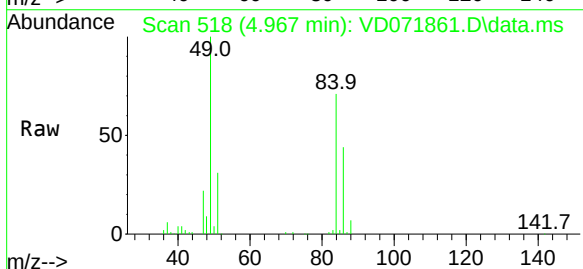
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

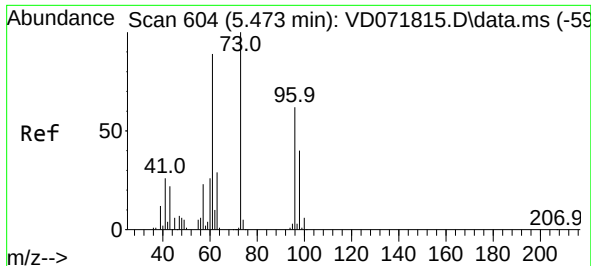
Tgt Ion: 73 Resp: 497403
Ion Ratio Lower Upper
73 100
57 20.5 18.0 27.0



#20
Methylene Chloride
Concen: 50.474 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 84 Resp: 242073
Ion Ratio Lower Upper
84 100
49 140.1 112.8 169.2
51 43.3 32.6 48.8
86 61.8 47.9 71.9

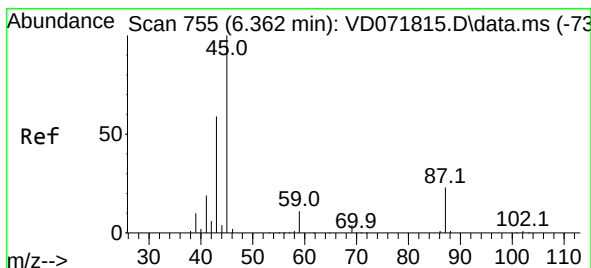
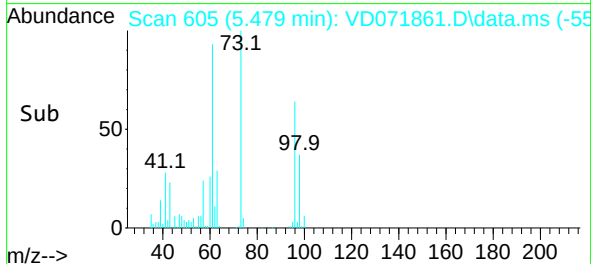
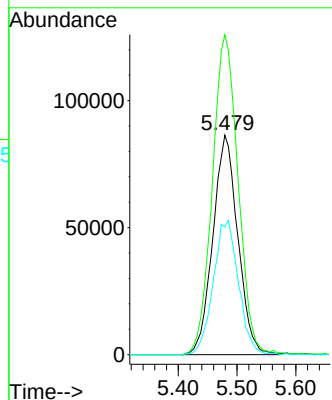
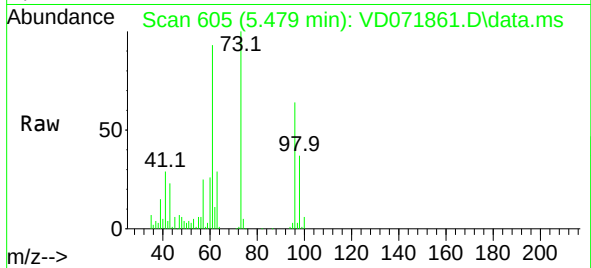




#21
trans-1,2-Dichloroethene
Concen: 52.509 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

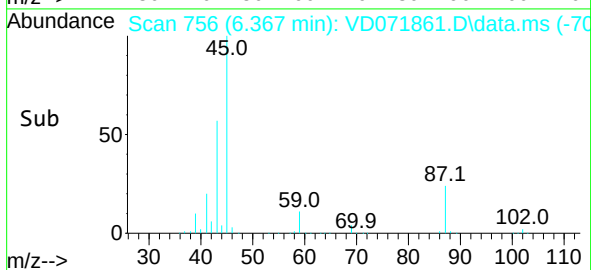
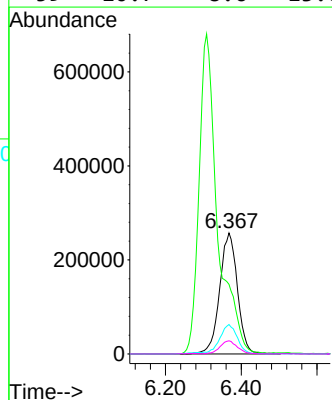
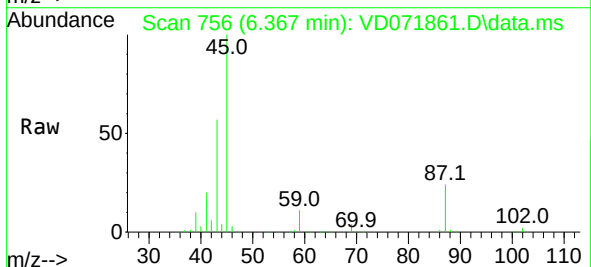
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

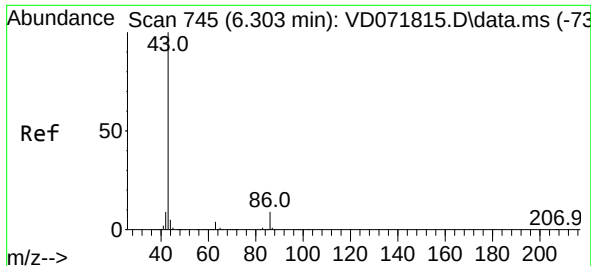
Tgt Ion: 96 Resp: 255219
Ion Ratio Lower Upper
96 100
61 145.8 117.9 176.9
98 58.2 49.4 74.2



#22
Diisopropyl ether
Concen: 53.895 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 45 Resp: 840656
Ion Ratio Lower Upper
45 100
43 57.2 46.6 70.0
87 24.1 18.4 27.6
59 10.7 8.6 13.0

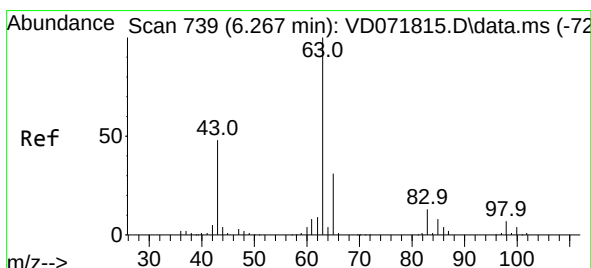
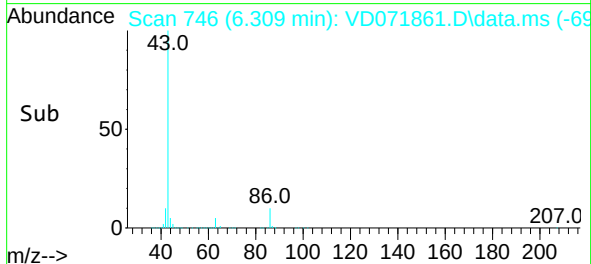
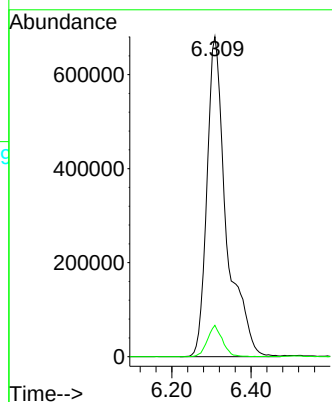
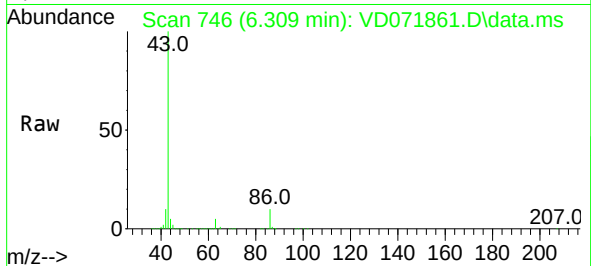




#23
 Vinyl Acetate
 Concen: 269.664 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

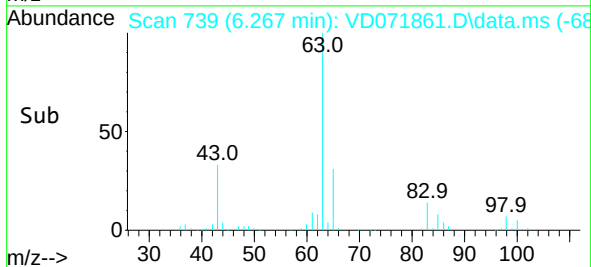
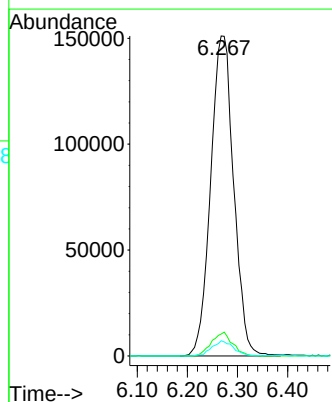
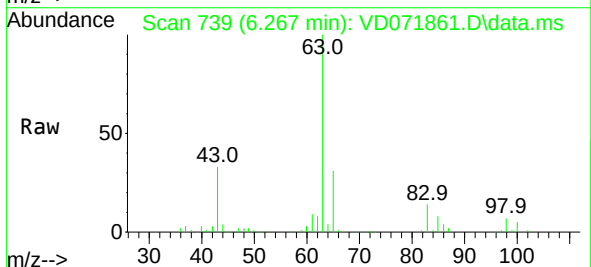
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

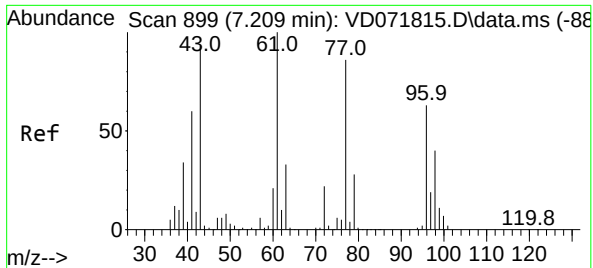
Tgt Ion: 43 Resp: 2320401
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 53.076 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion: 63 Resp: 482540
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.7 2.1 6.5

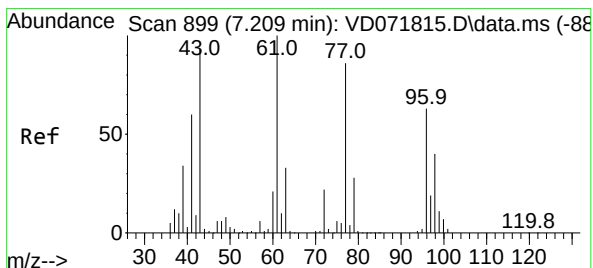
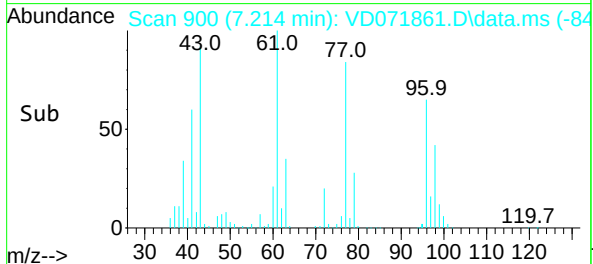
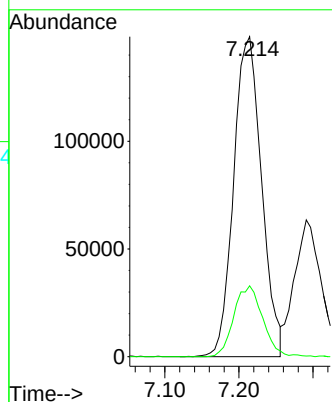
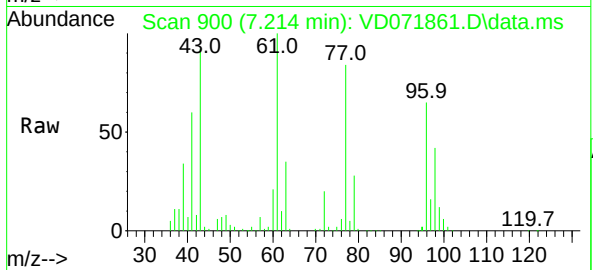




#25
2-Butanone
Concen: 253.568 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

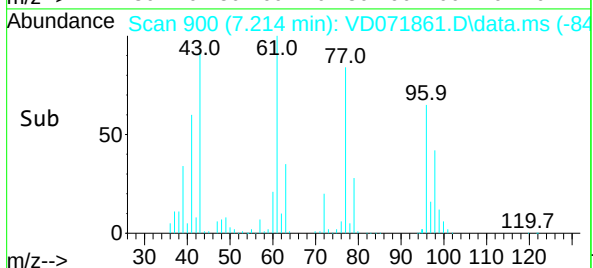
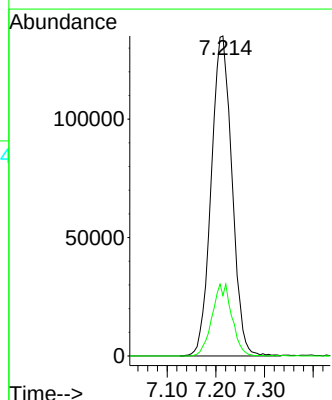
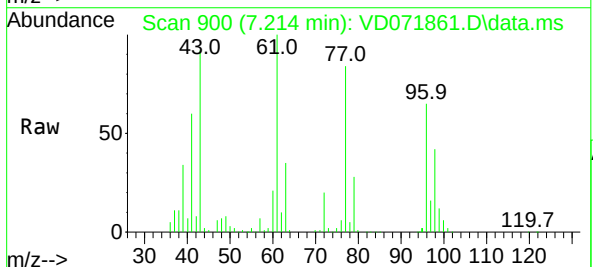
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

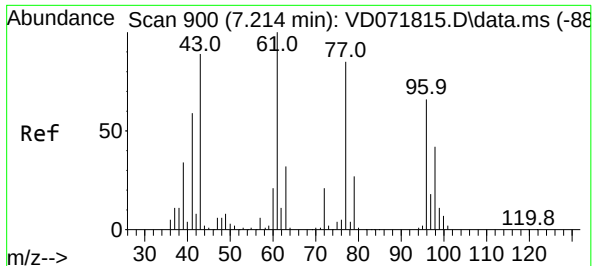
Tgt Ion: 43 Resp: 388680
Ion Ratio Lower Upper
43 100
72 22.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 53.133 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 77 Resp: 399744
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.4

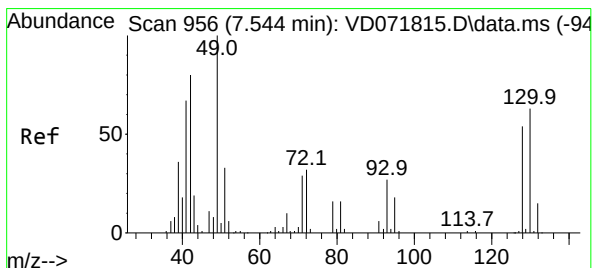
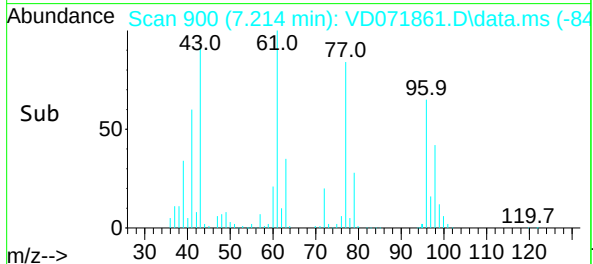
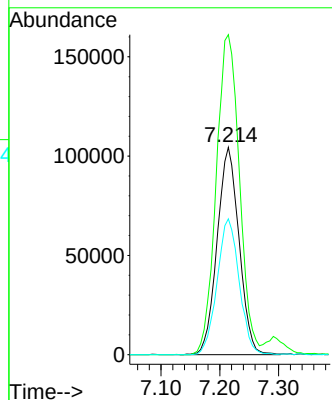
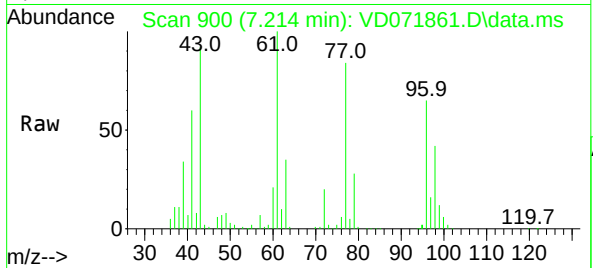




#27
 cis-1,2-Dichloroethene
 Concen: 51.931 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

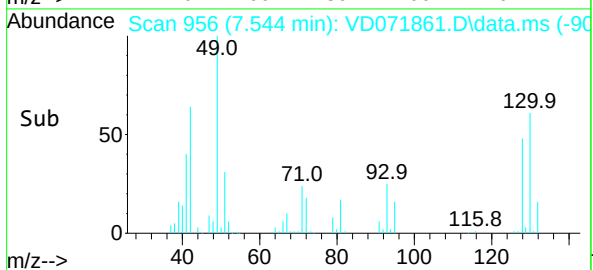
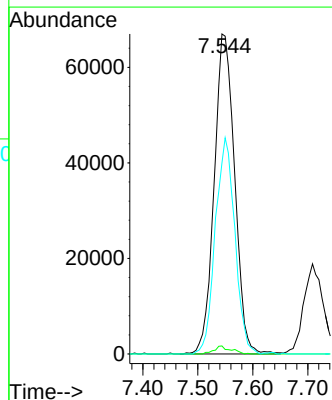
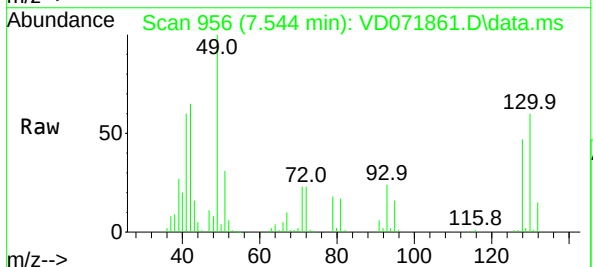
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

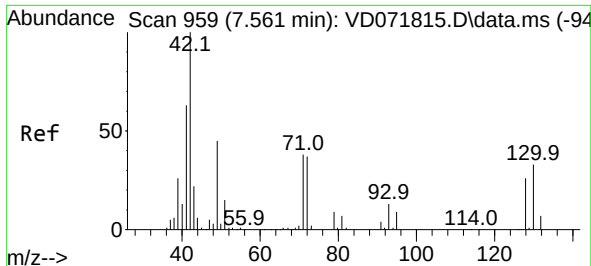
Tgt Ion: 96 Resp: 271100
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 313.8
 98 65.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.617 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion: 49 Resp: 173573
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 64.5 52.6 79.0





#29

Tetrahydrofuran

Concen: 243.749 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

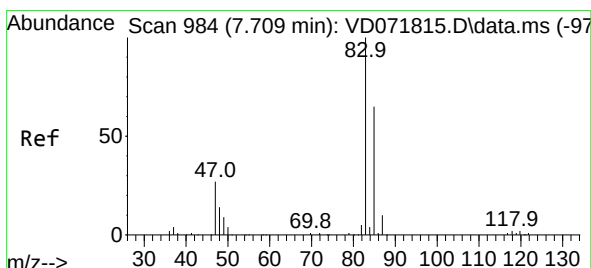
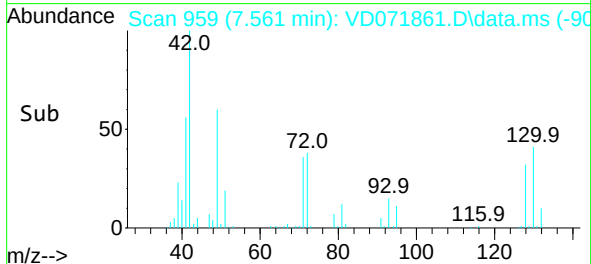
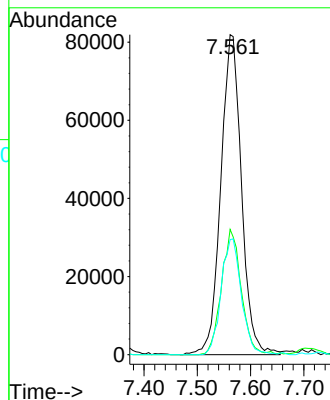
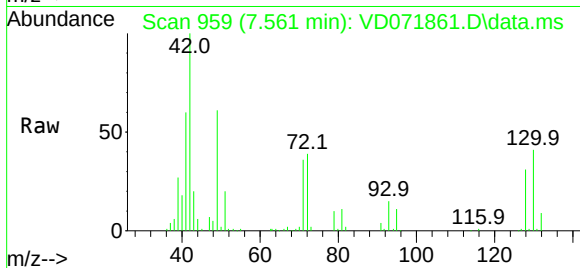
Tgt Ion: 42 Resp: 221072

Ion Ratio Lower Upper

42 100

72 37.2 30.7 46.1

71 35.4 28.6 43.0



#30

Chloroform

Concen: 52.161 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD071861.D

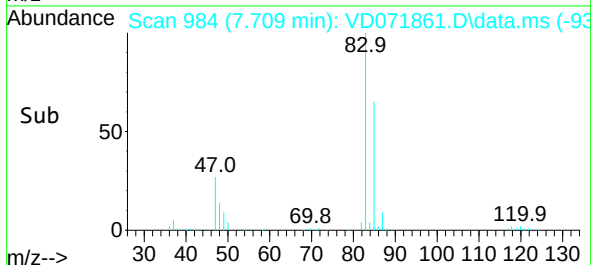
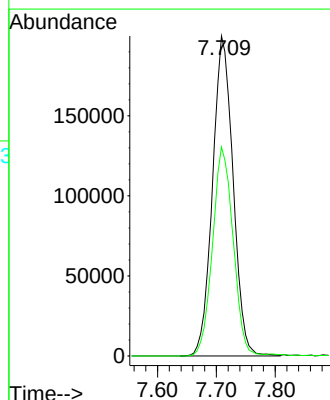
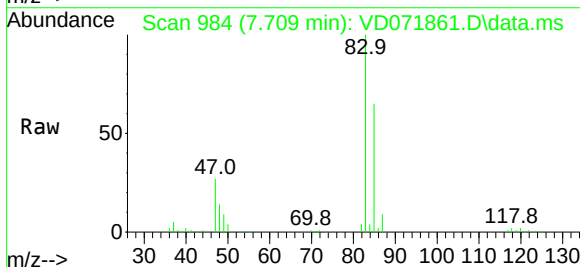
Acq: 01 Feb 2022 09:22

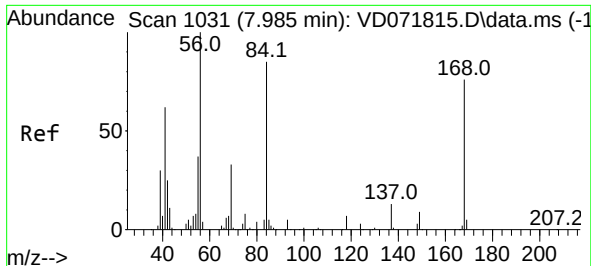
Tgt Ion: 83 Resp: 484486

Ion Ratio Lower Upper

83 100

85 65.3 52.7 79.1

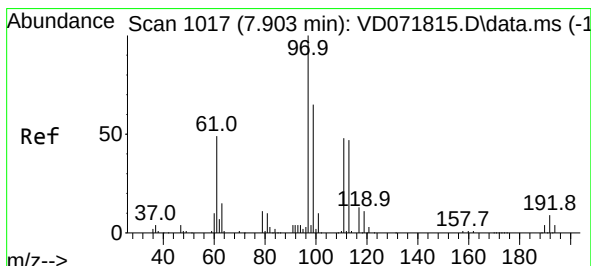
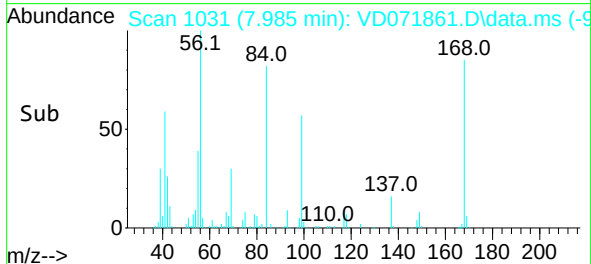
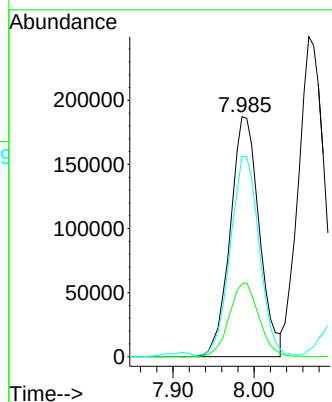
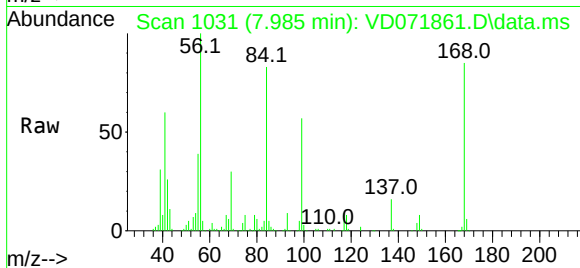




#31
Cyclohexane
Concen: 50.633 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

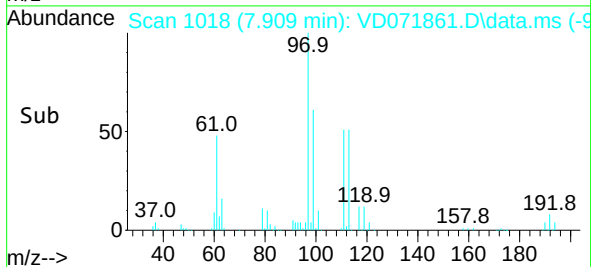
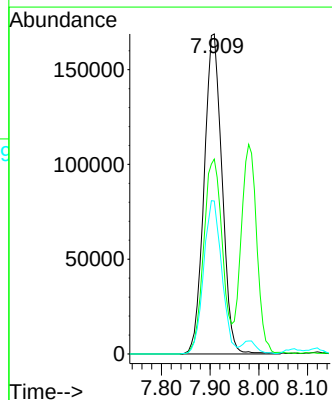
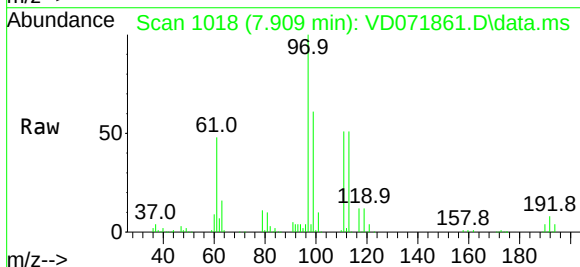
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

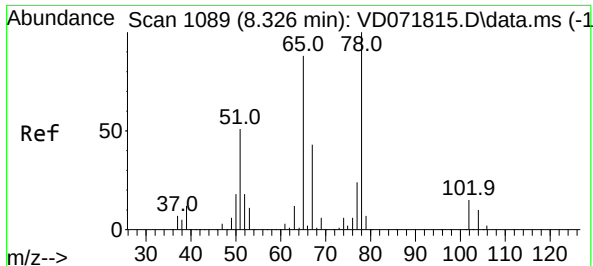
Tgt Ion: 56 Resp: 464307
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.2
84 81.5 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 52.535 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 97 Resp: 430397
Ion Ratio Lower Upper
97 100
99 63.1 52.4 78.6
61 48.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.423 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

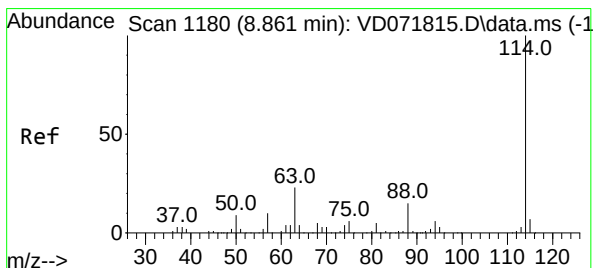
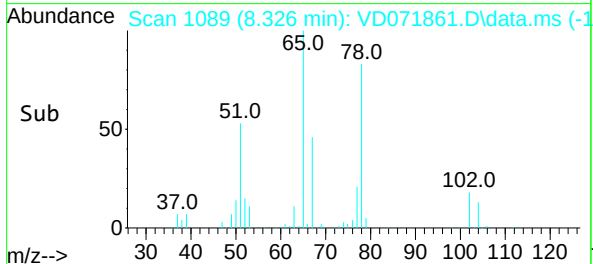
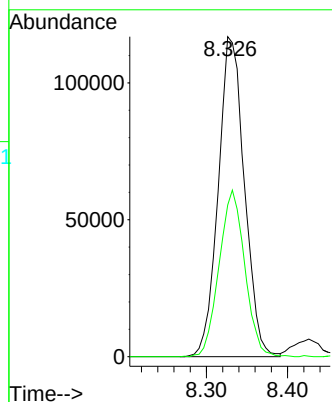
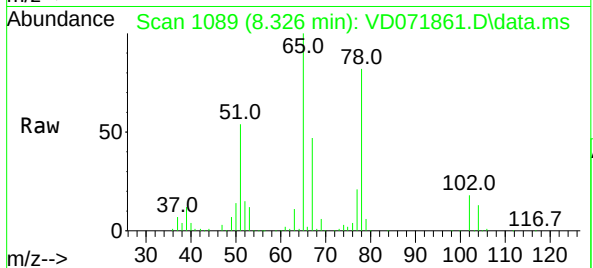
VSTDCCC050

Tgt Ion: 65 Resp: 261411

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071861.D

Acq: 01 Feb 2022 09:22

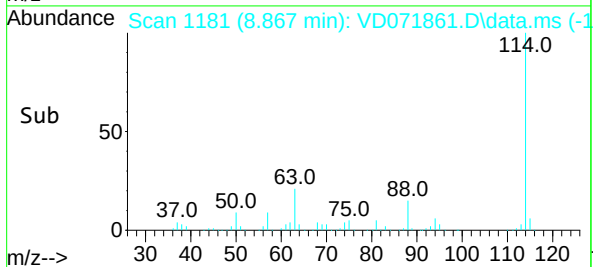
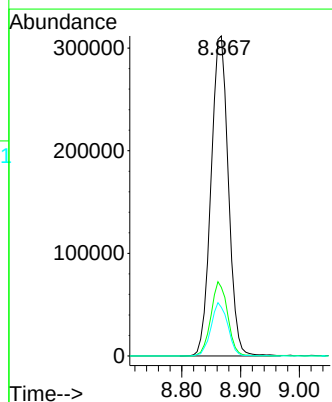
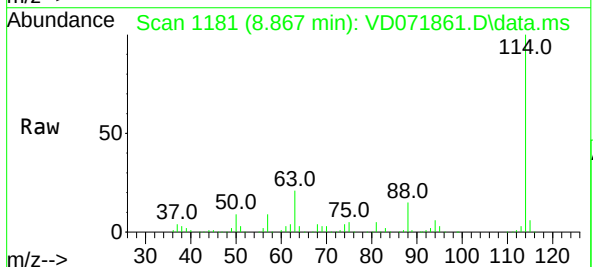
Tgt Ion: 114 Resp: 638066

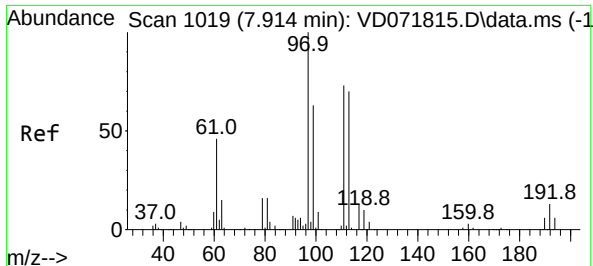
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.972 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

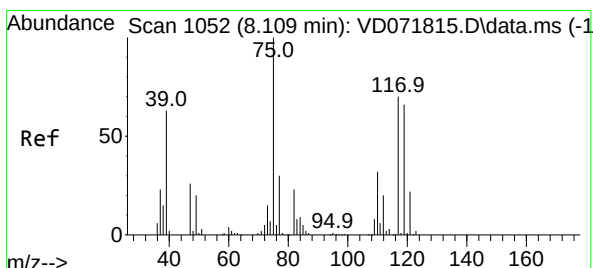
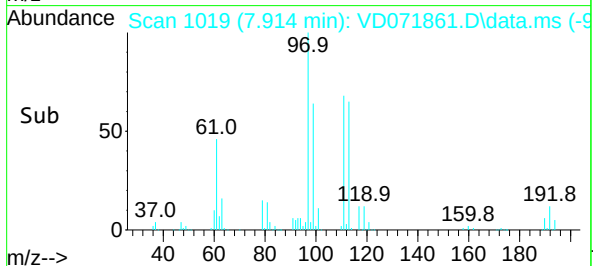
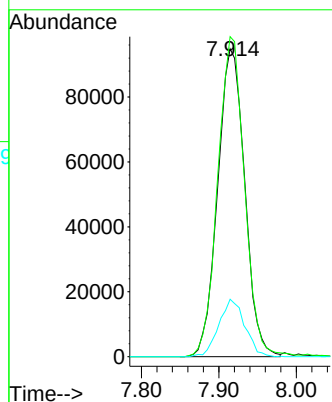
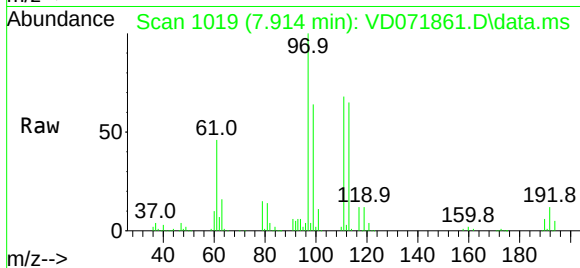
Tgt Ion:113 Resp: 230564

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 53.478 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

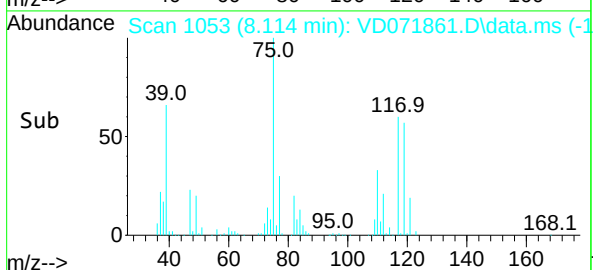
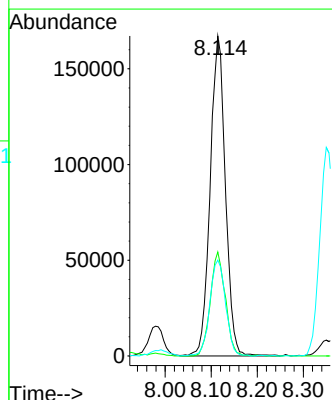
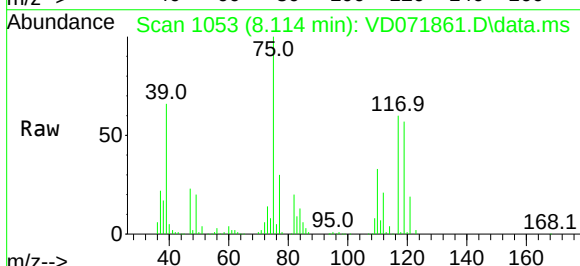
Tgt Ion: 75 Resp: 384974

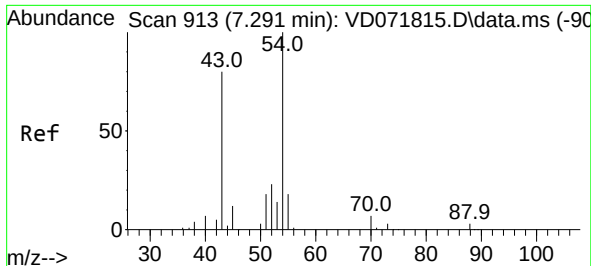
Ion Ratio Lower Upper

75 100

110 32.0 16.4 49.1

77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 47.948 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

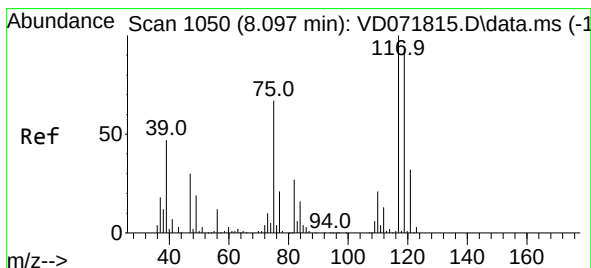
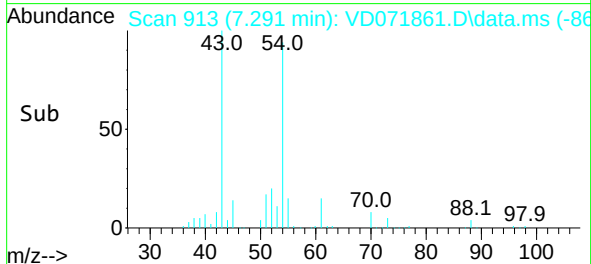
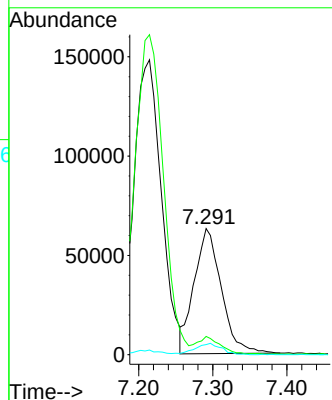
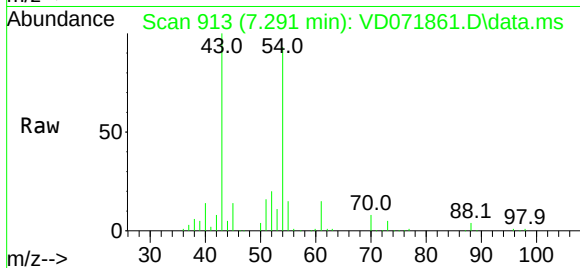
Tgt Ion: 43 Resp: 160475

Ion Ratio Lower Upper

43 100

61 10.5 9.8 14.8

70 9.0 6.9 10.3



#38

Carbon Tetrachloride

Concen: 52.762 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

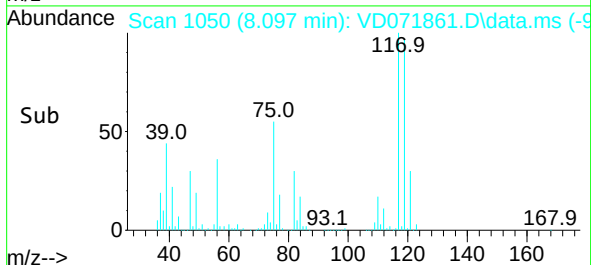
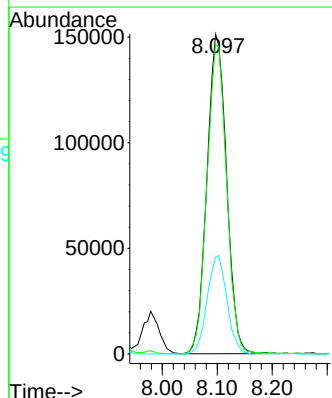
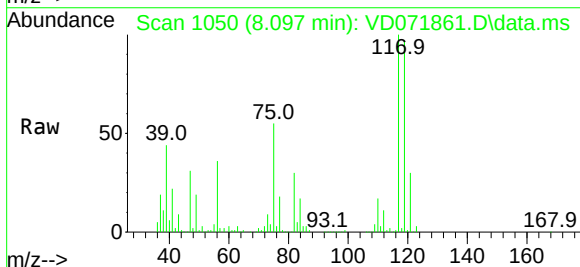
Tgt Ion: 117 Resp: 375616

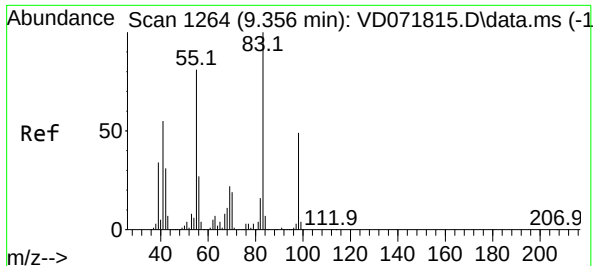
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.6

121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 53.091 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

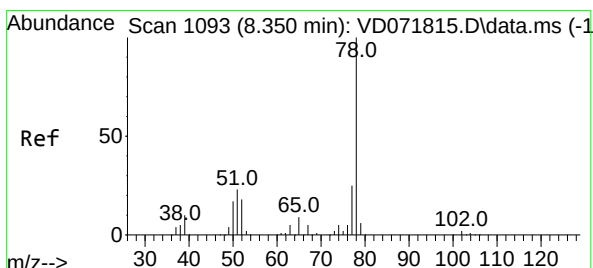
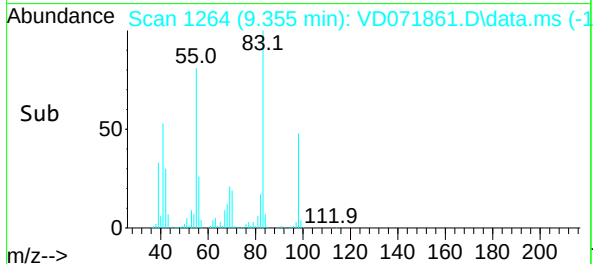
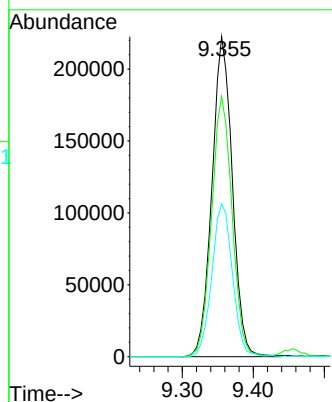
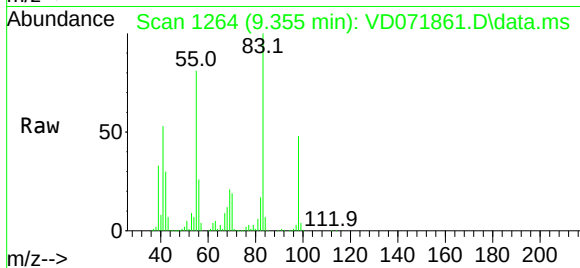
Tgt Ion: 83 Resp: 442836

Ion Ratio Lower Upper

83 100

55 81.3 63.2 94.8

98 47.8 38.2 57.4



#40

Benzene

Concen: 53.573 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071861.D

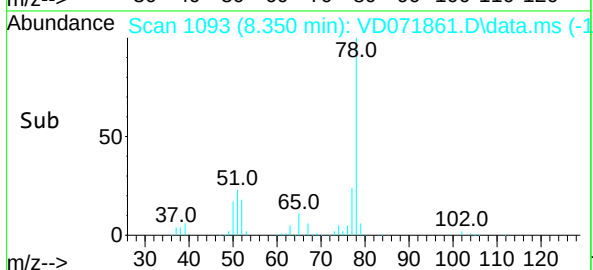
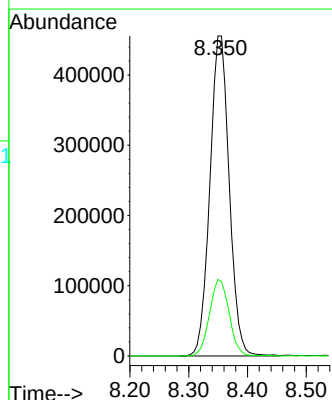
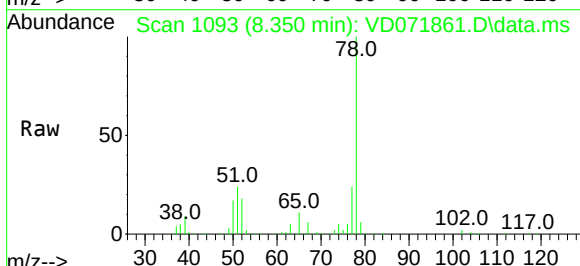
Acq: 01 Feb 2022 09:22

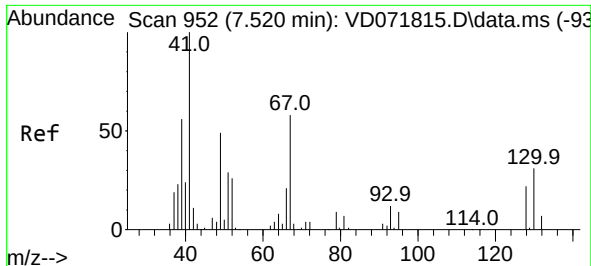
Tgt Ion: 78 Resp: 1041028

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



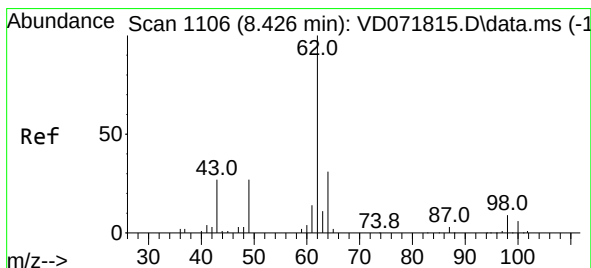
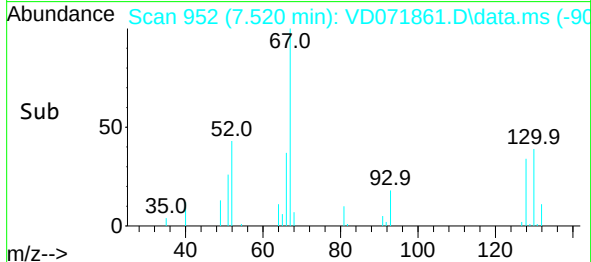
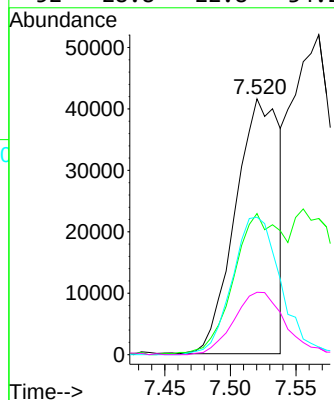
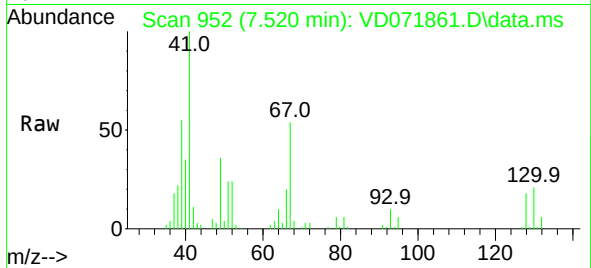


#41
Methacrylonitrile
Concen: 51.063 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 96685

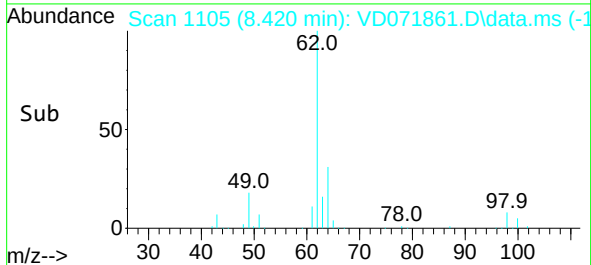
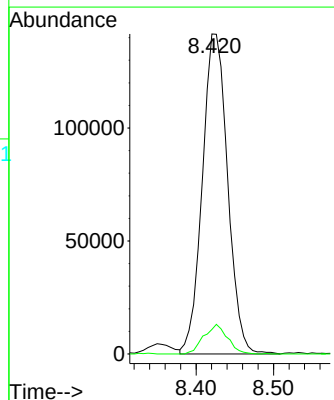
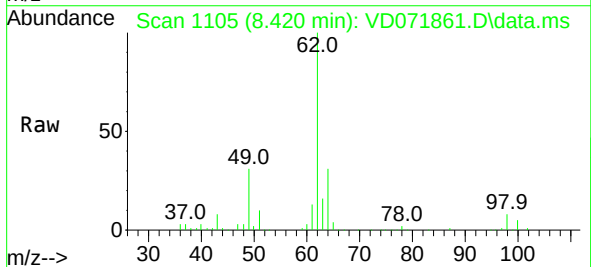
Ion	Ratio	Lower	Upper
41	100		
39	63.2	44.6	67.0
67	60.1	48.2	72.4
52	28.8	22.8	34.2

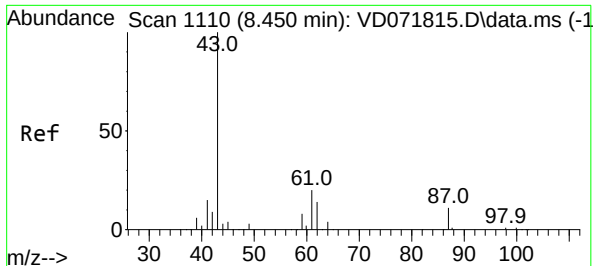


#42
1,2-Dichloroethane
Concen: 52.461 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 62 Resp: 321903

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.870 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

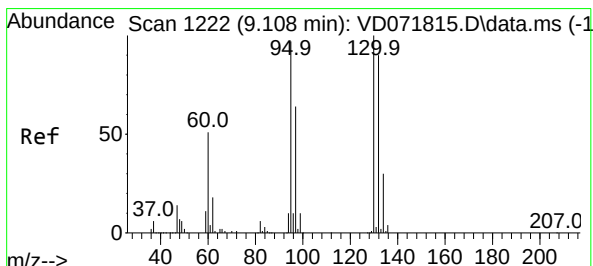
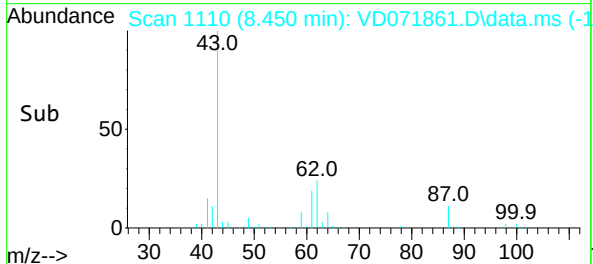
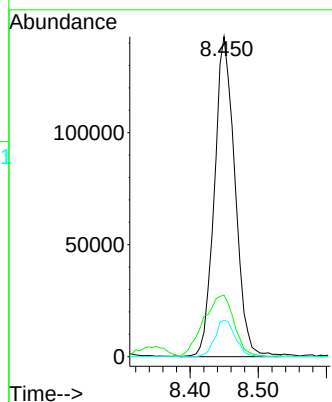
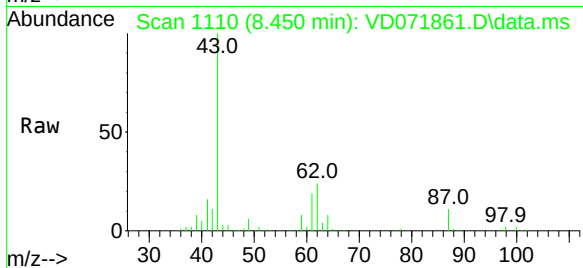
Tgt Ion: 43 Resp: 299985

Ion Ratio Lower Upper

43 100

61 28.1 22.4 33.6

87 11.3 8.7 13.1



#44

Trichloroethene

Concen: 52.903 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071861.D

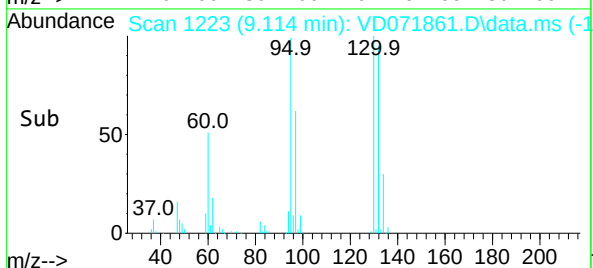
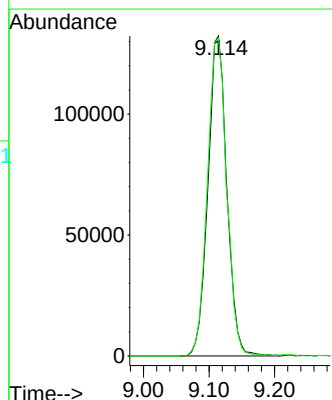
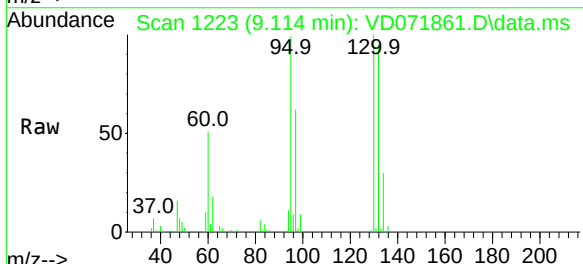
Acq: 01 Feb 2022 09:22

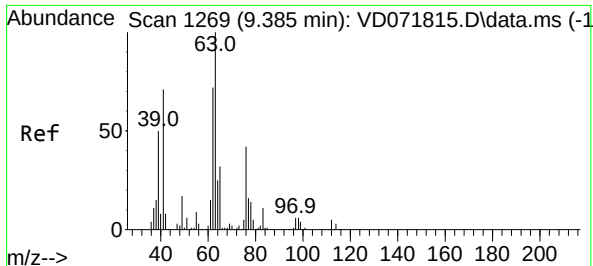
Tgt Ion:130 Resp: 265428

Ion Ratio Lower Upper

130 100

95 99.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.052 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

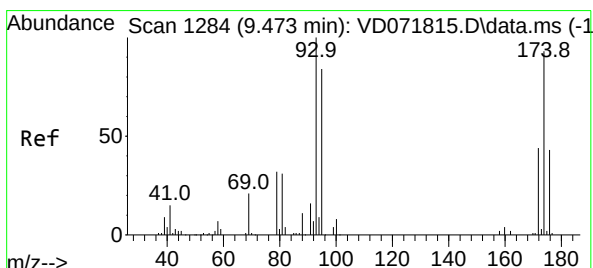
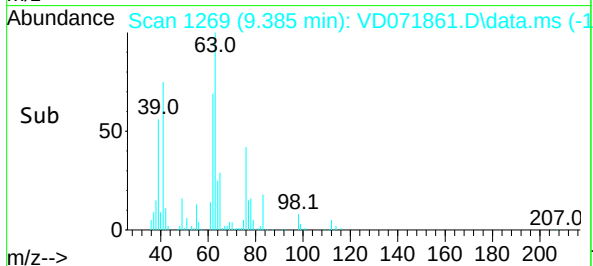
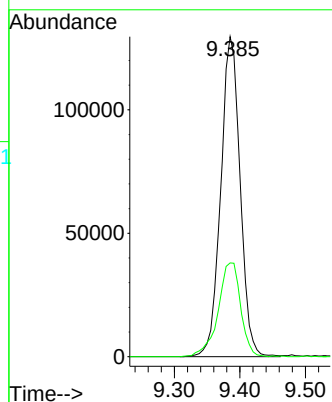
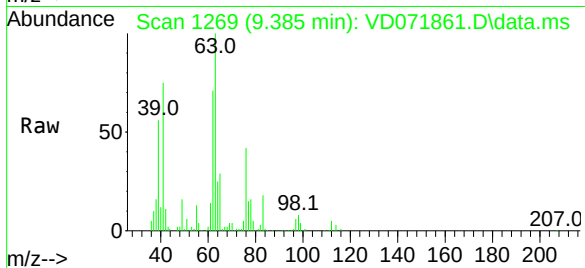
VSTDCCC050

Tgt Ion: 63 Resp: 265816

Ion Ratio Lower Upper

63 100

65 29.3 26.2 39.4



#46

Dibromomethane

Concen: 51.942 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

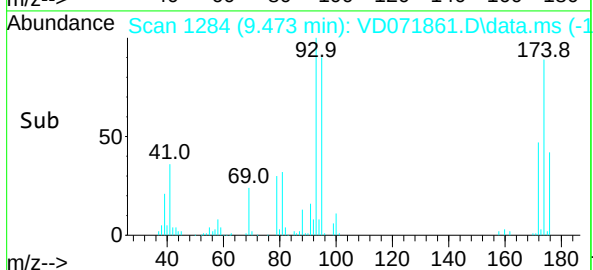
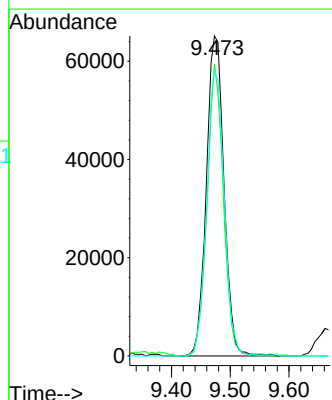
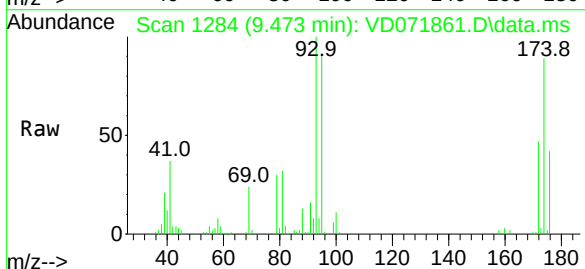
Tgt Ion: 93 Resp: 136270

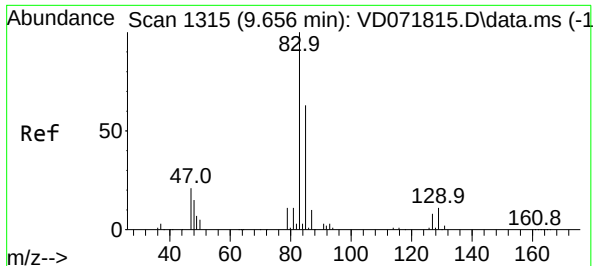
Ion Ratio Lower Upper

93 100

95 84.3 66.7 100.1

174 87.9 71.6 107.4

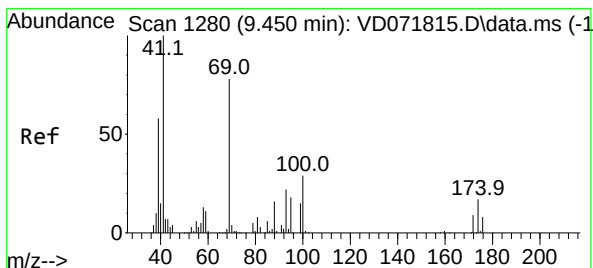
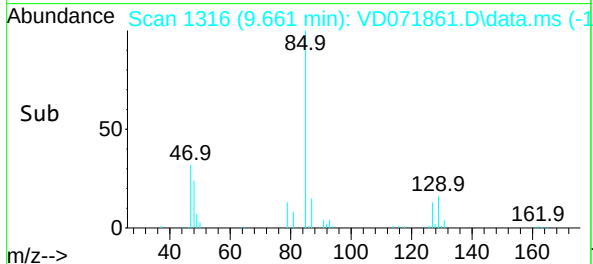
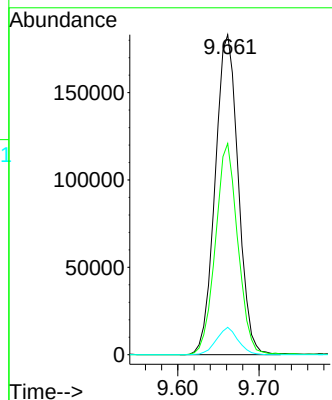
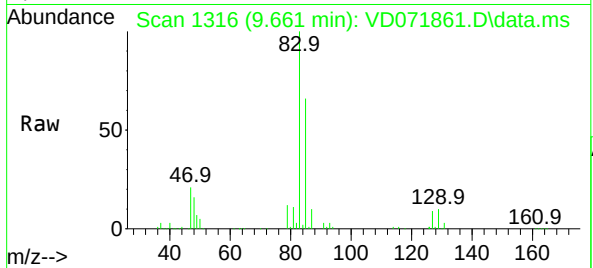




#47
Bromodichloromethane
Concen: 52.158 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

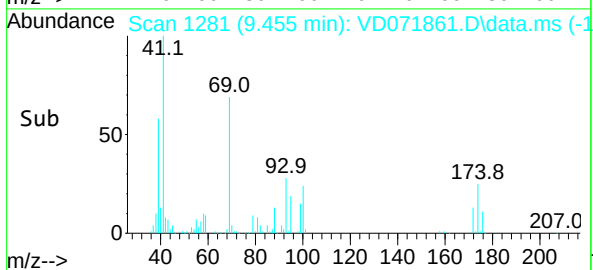
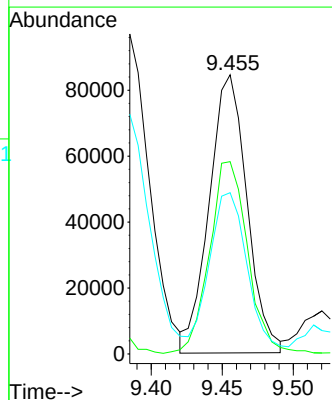
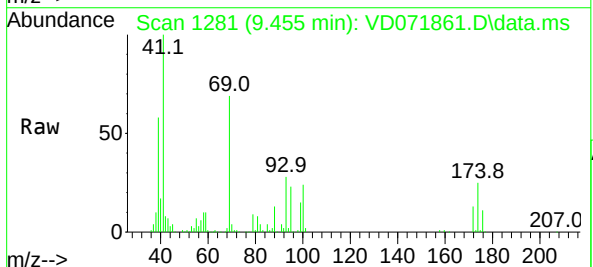
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

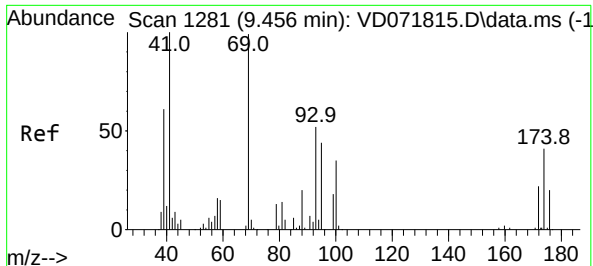
Tgt Ion: 83 Resp: 361889
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0
127 8.5 6.1 9.1



#48
Methyl methacrylate
Concen: 49.047 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 41 Resp: 156144
Ion Ratio Lower Upper
41 100
69 69.6 56.7 85.1
39 58.5 42.7 64.1

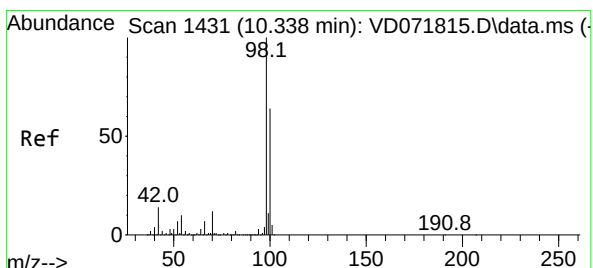
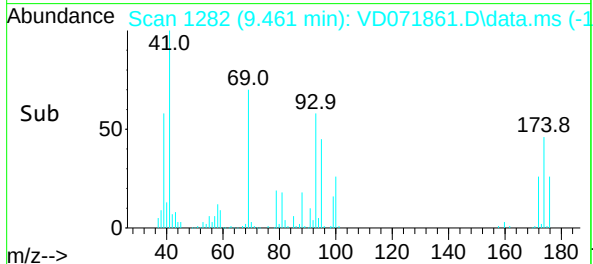
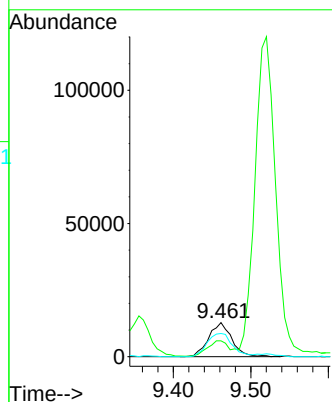
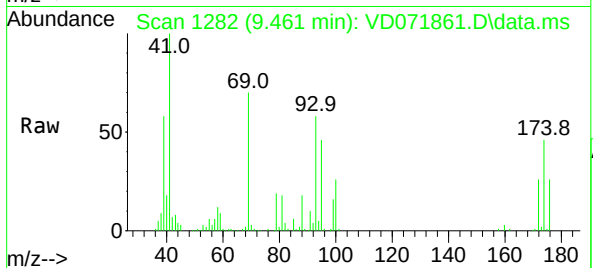




#49
1,4-Dioxane
Concen: 882.627 ug/l
RT: 9.461 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

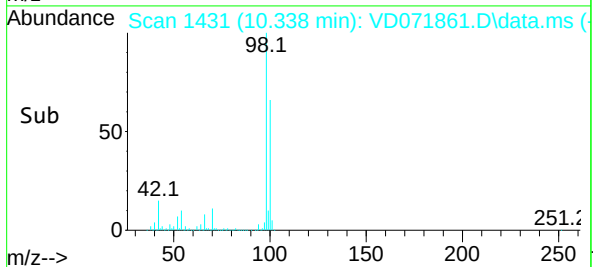
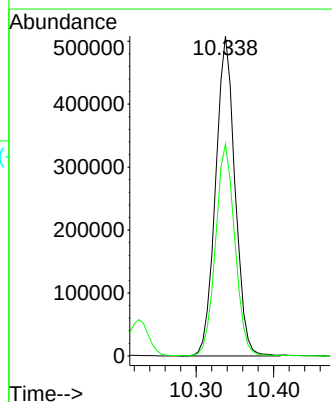
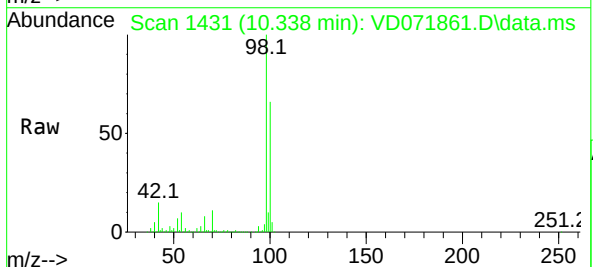
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

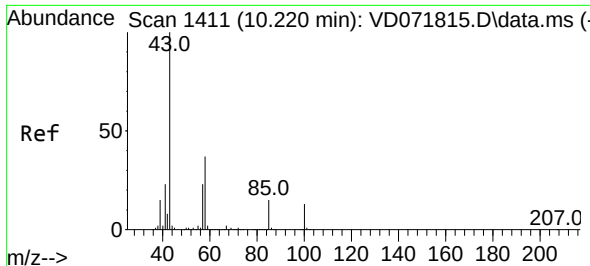
Tgt Ion: 88 Resp: 26430
Ion Ratio Lower Upper
88 100
43 38.7 31.0 46.4
58 74.7 58.1 87.1



#50
Toluene-d8
Concen: 56.425 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 98 Resp: 883841
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

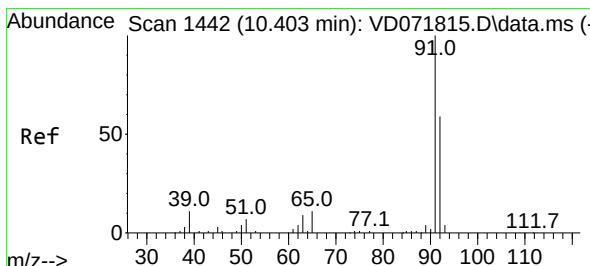
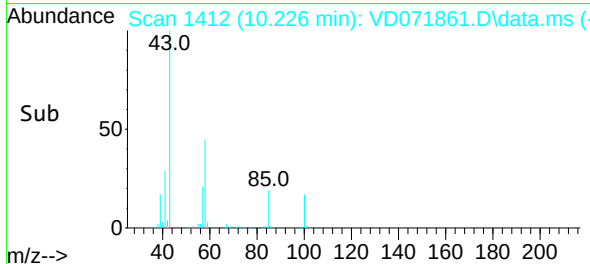
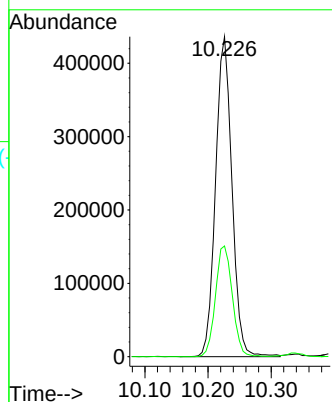
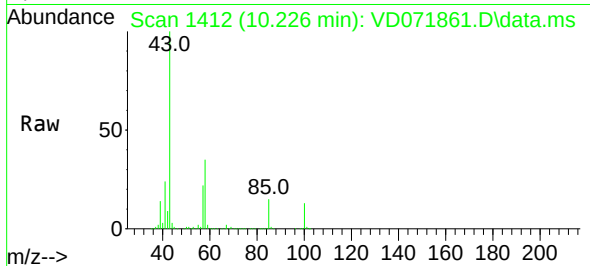




#51
4-Methyl-2-Pentanone
Concen: 249.942 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

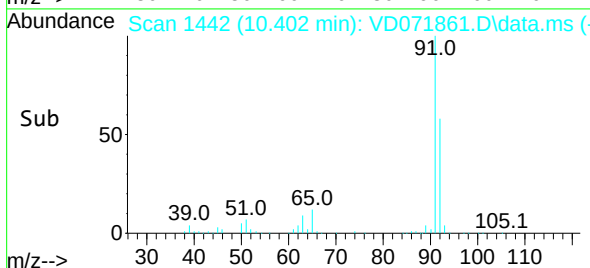
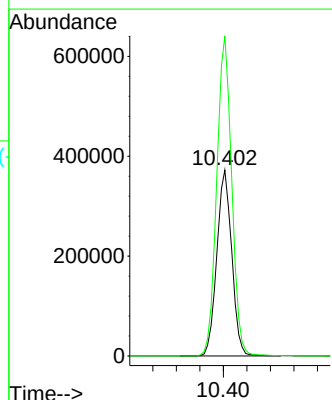
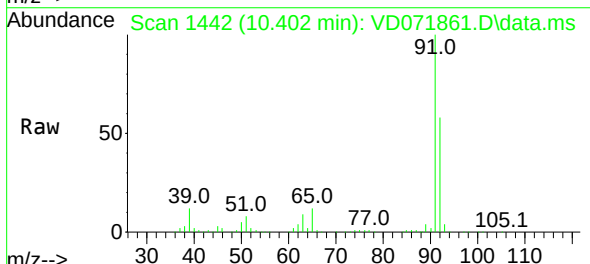
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

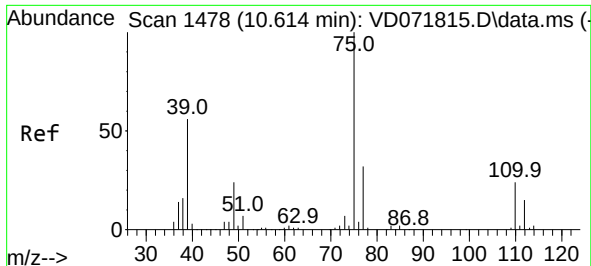
Tgt Ion: 43 Resp: 786788
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0



#52
Toluene
Concen: 54.334 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 92 Resp: 656542
Ion Ratio Lower Upper
92 100
91 172.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 52.489 ug/l

RT: 10.620 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

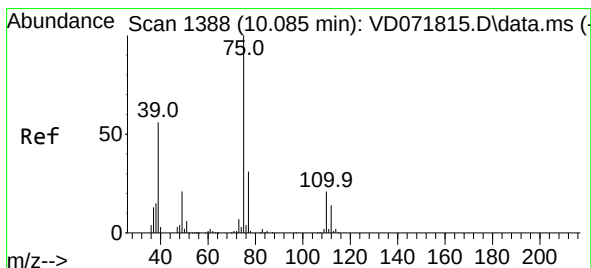
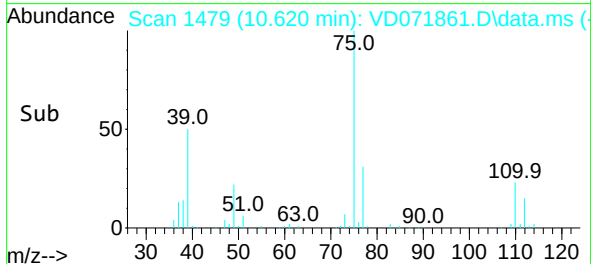
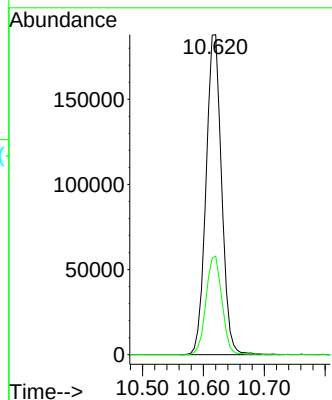
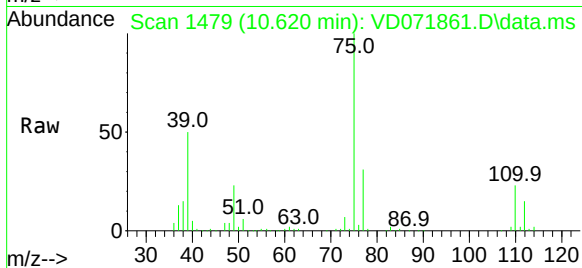
VSTDCCC050

Tgt Ion: 75 Resp: 334487

Ion Ratio Lower Upper

75 100

77 30.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 52.290 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

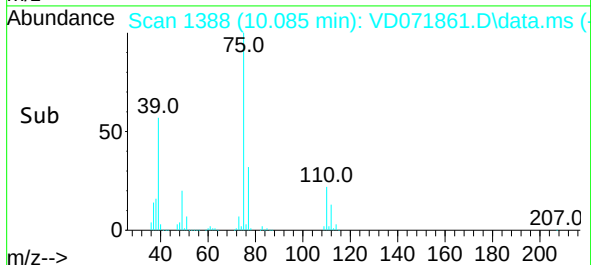
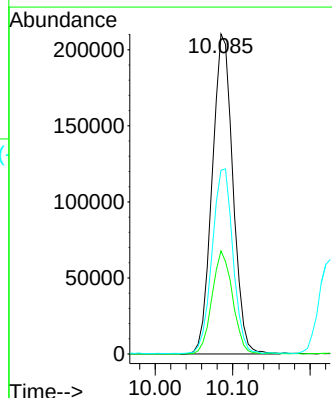
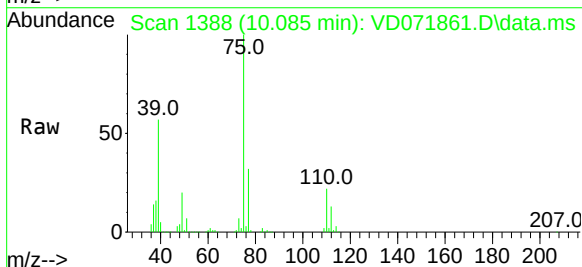
Tgt Ion: 75 Resp: 390594

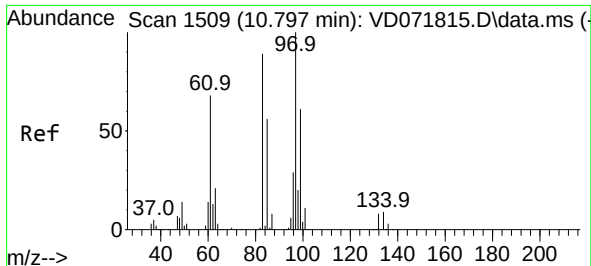
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 57.3 46.8 70.2

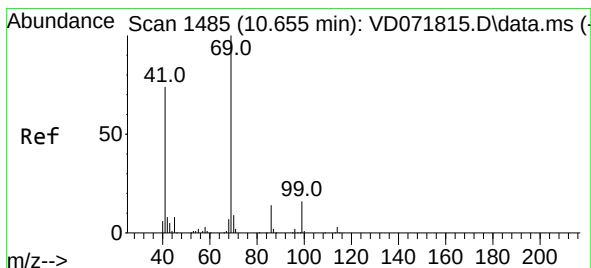
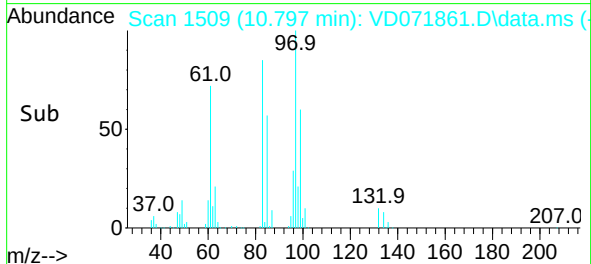
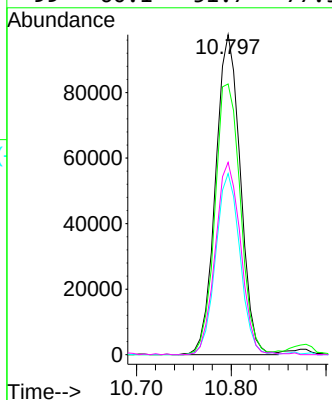
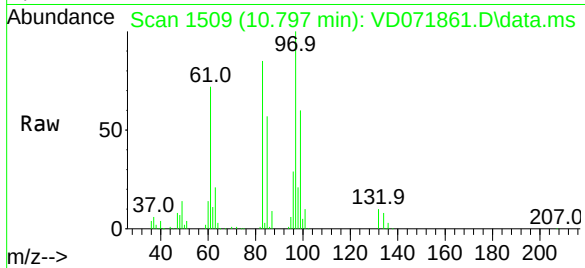




#55
1,1,2-Trichloroethane
Concen: 51.067 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

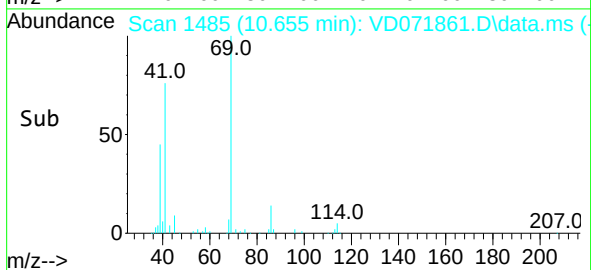
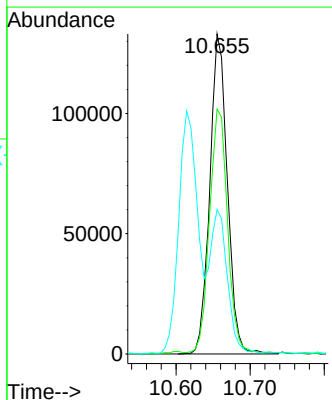
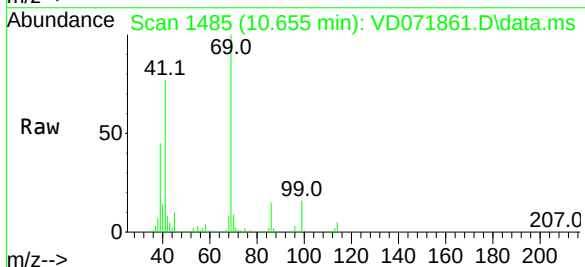
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

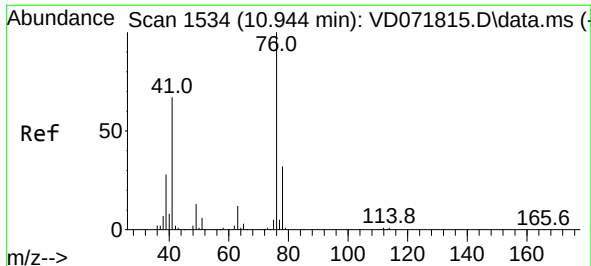
Tgt Ion: 97 Resp: 177809
Ion Ratio Lower Upper
97 100
83 84.6 69.0 103.4
85 56.6 42.6 63.8
99 60.1 51.7 77.5



#56
Ethyl methacrylate
Concen: 50.790 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 69 Resp: 218956
Ion Ratio Lower Upper
69 100
41 77.8 63.0 94.6
39 44.2 33.8 50.8





#57

1,3-Dichloropropane

Concen: 51.444 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

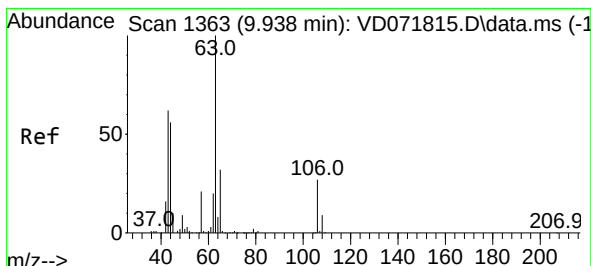
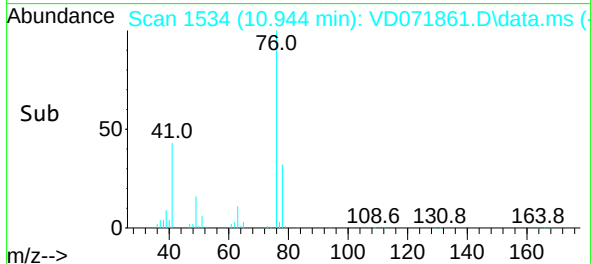
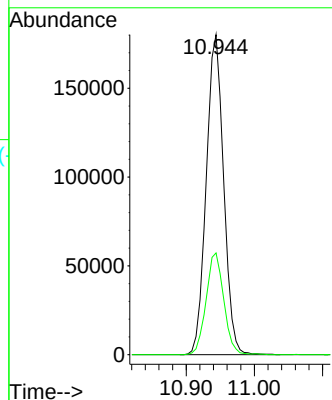
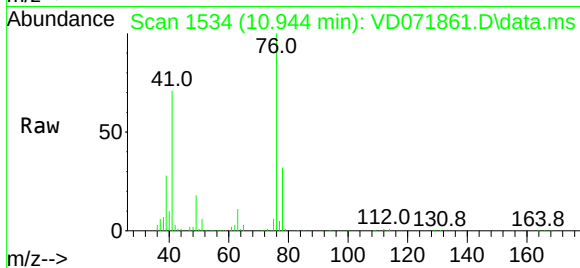
VSTDCCC050

Tgt Ion: 76 Resp: 319775

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 232.029 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071861.D

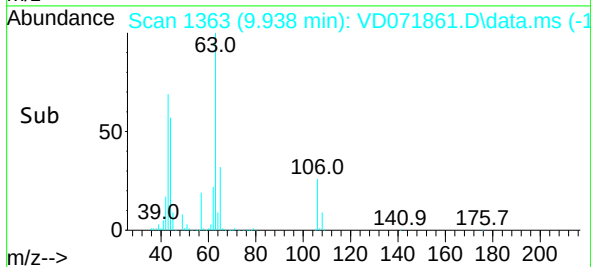
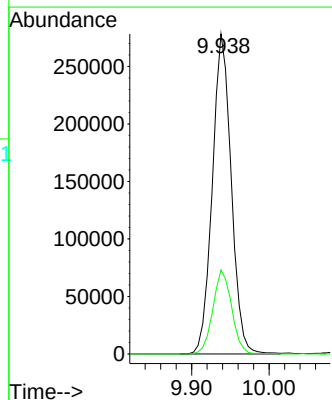
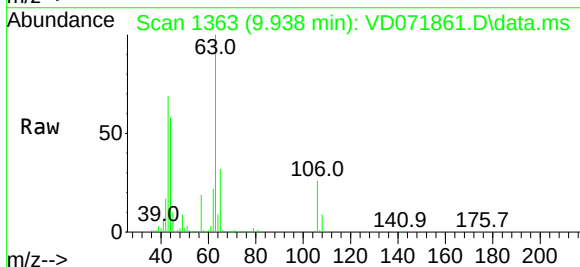
Acq: 01 Feb 2022 09:22

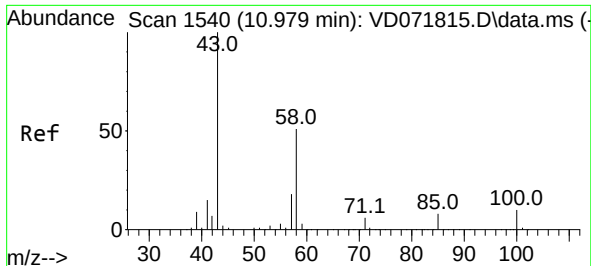
Tgt Ion: 63 Resp: 470878

Ion Ratio Lower Upper

63 100

106 26.1 21.4 32.0

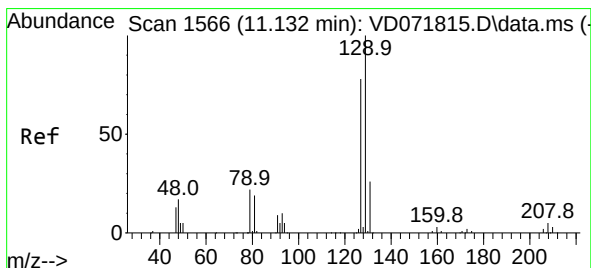
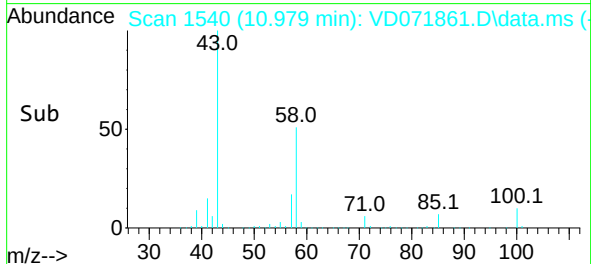
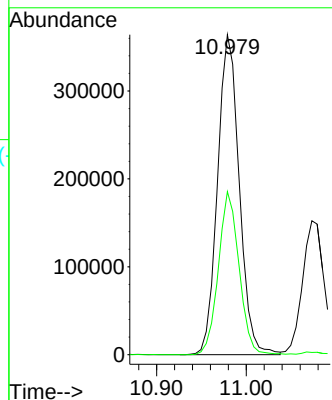
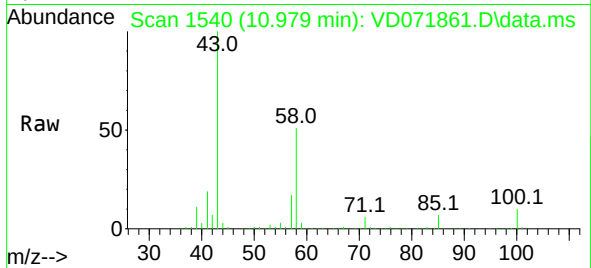




#59
2-Hexanone
Concen: 267.587 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

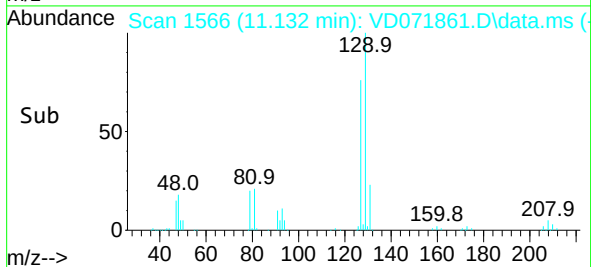
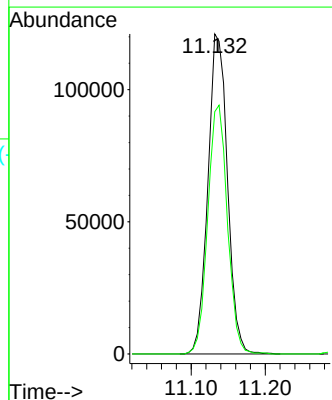
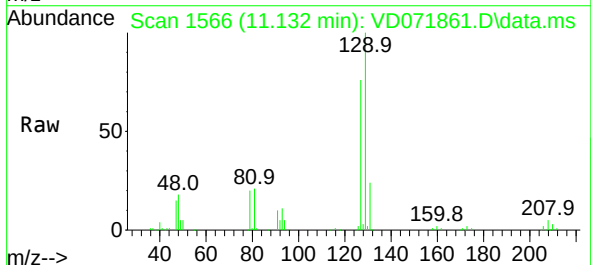
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

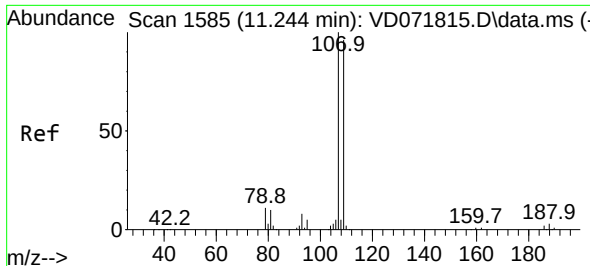
Tgt Ion: 43 Resp: 611371
Ion Ratio Lower Upper
43 100
58 48.6 25.3 75.9



#60
Dibromochloromethane
Concen: 51.602 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 129 Resp: 221871
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

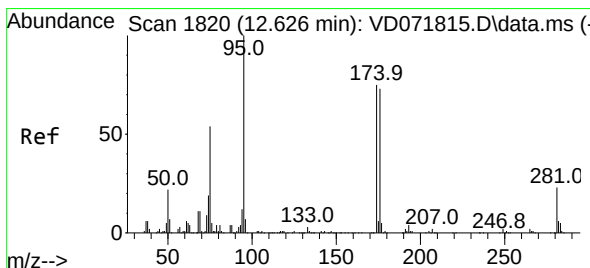
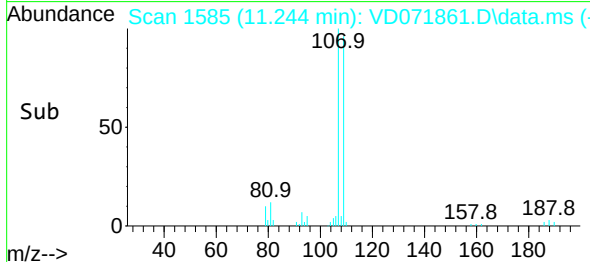
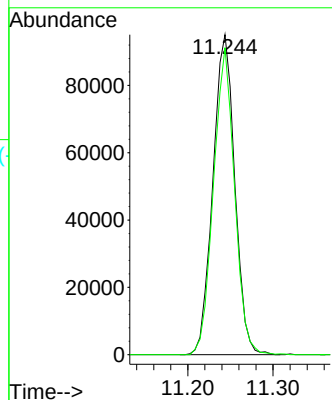
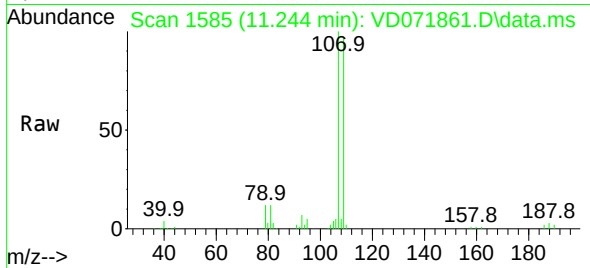




#61
1,2-Dibromoethane
Concen: 50.465 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

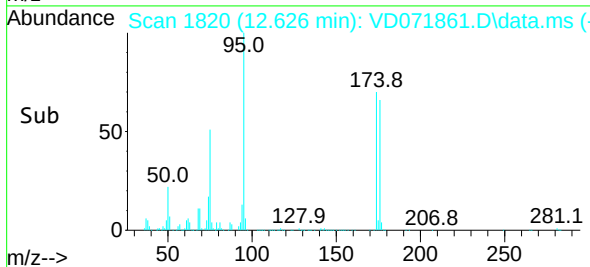
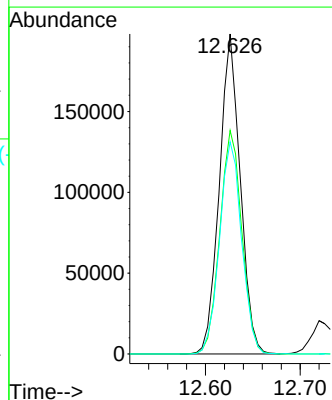
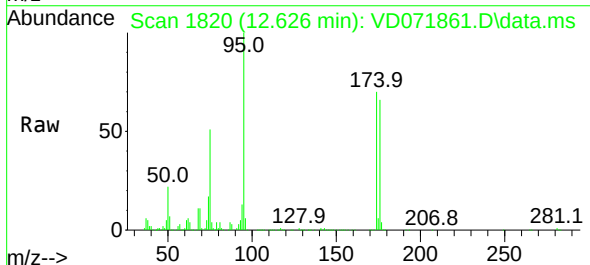
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

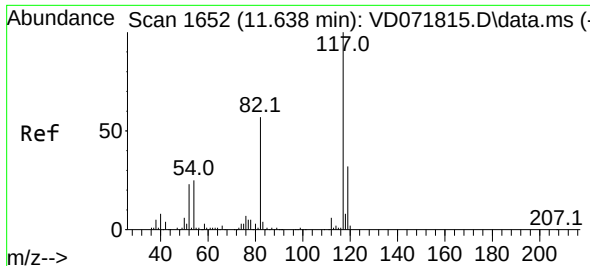
Tgt Ion:107 Resp: 169296
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.493 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 95 Resp: 303551
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.8
176 70.0 0.0 145.4

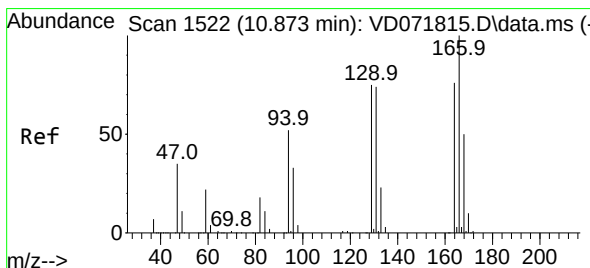
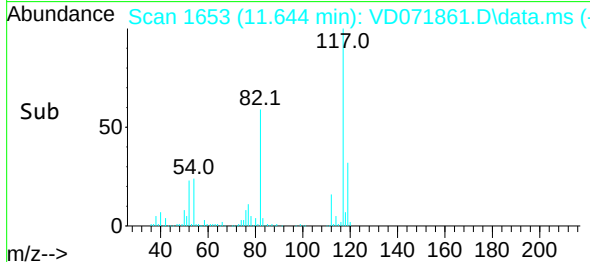
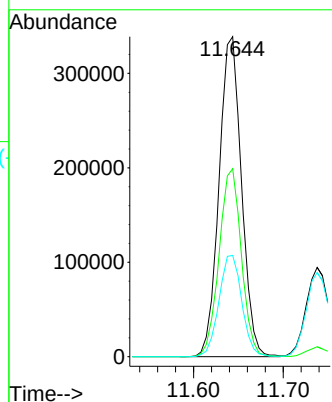
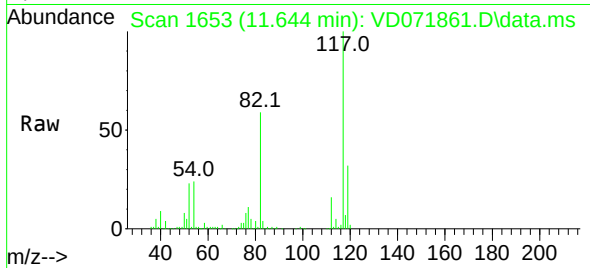




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11653
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

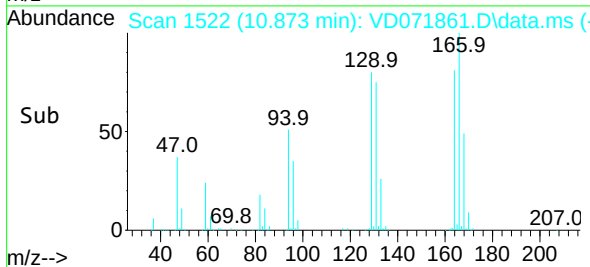
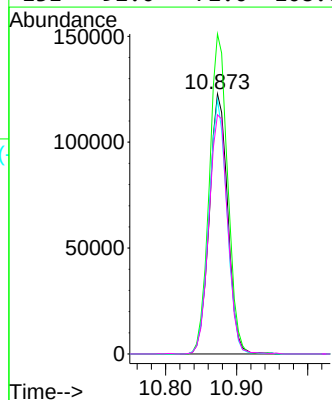
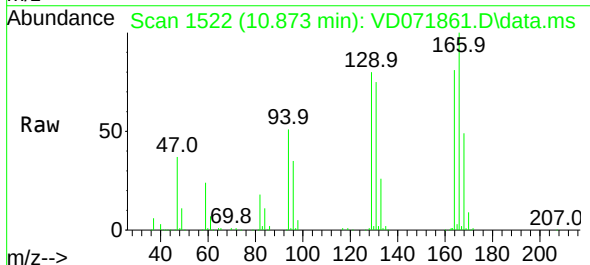
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

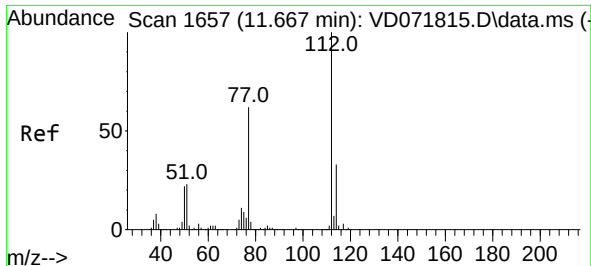
Tgt Ion:117 Resp: 588558
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 52.852 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion:164 Resp: 220032
Ion Ratio Lower Upper
164 100
166 123.0 98.5 147.7
129 97.9 74.6 111.8
131 92.0 72.0 108.0

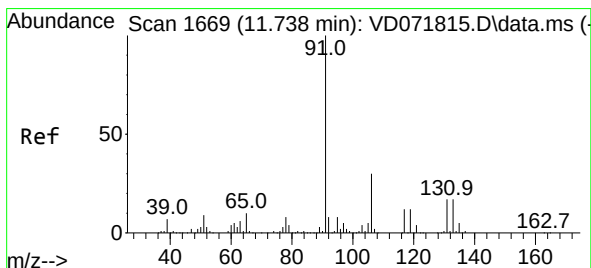
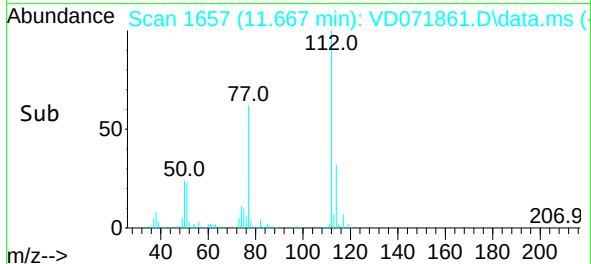
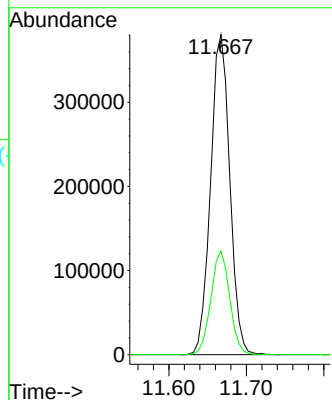
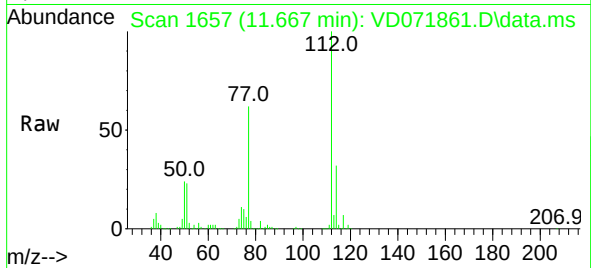




#65
Chlorobenzene
Concen: 52.782 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

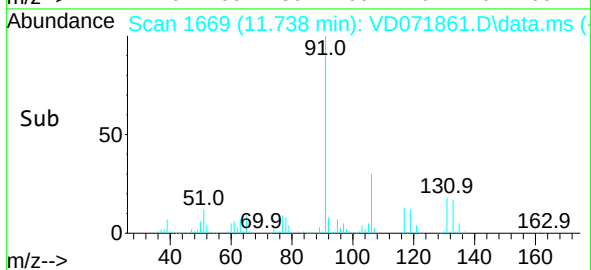
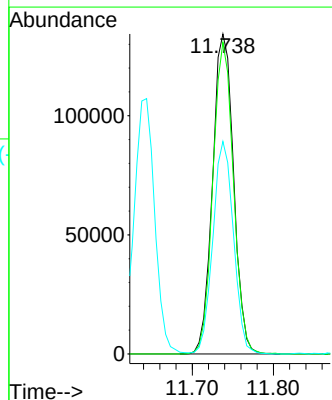
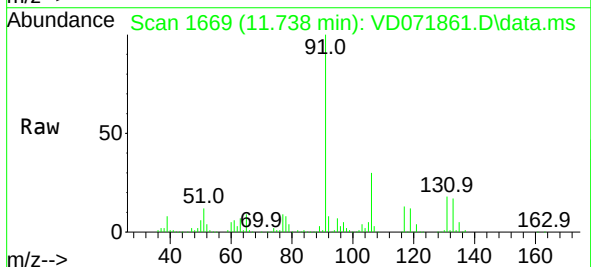
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

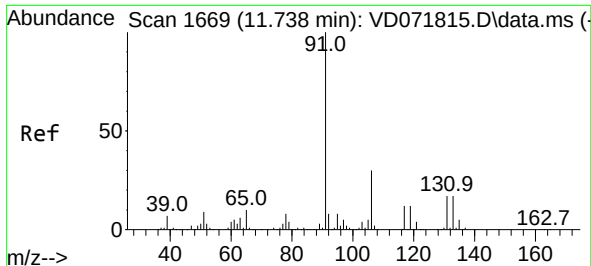
Tgt Ion:112 Resp: 657205
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.345 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion:131 Resp: 241640
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 65.2 31.9 95.9





#67

Ethyl Benzene

Concen: 55.096 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

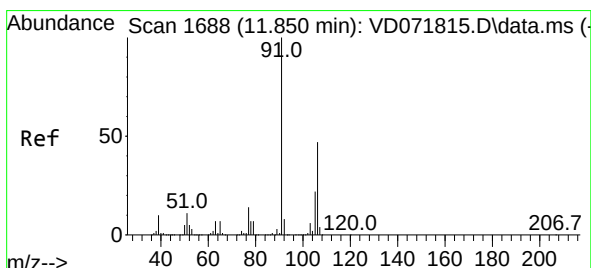
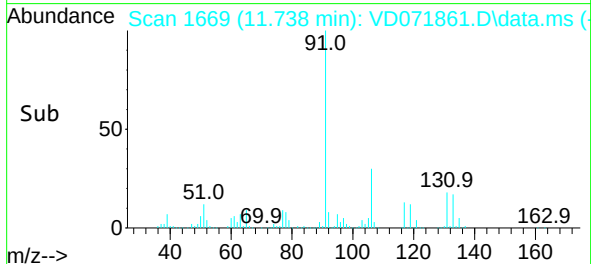
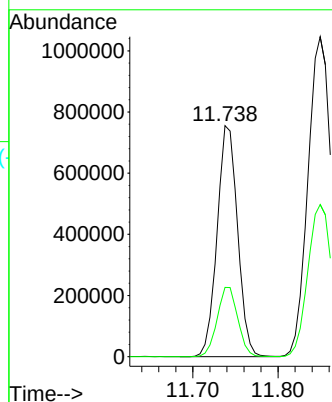
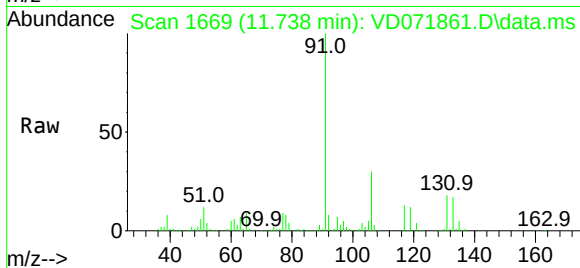
VSTDCCC050

Tgt Ion: 91 Resp: 1262322

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.4



#68

m/p-Xylenes

Concen: 111.065 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VD071861.D

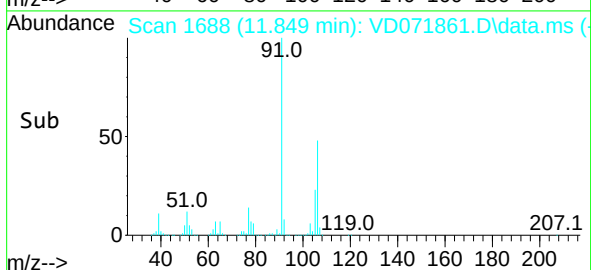
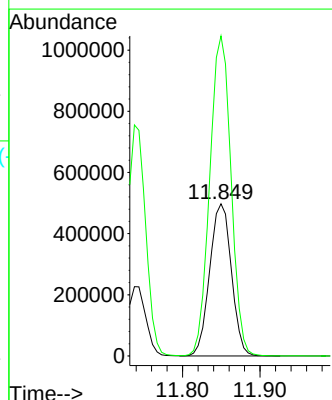
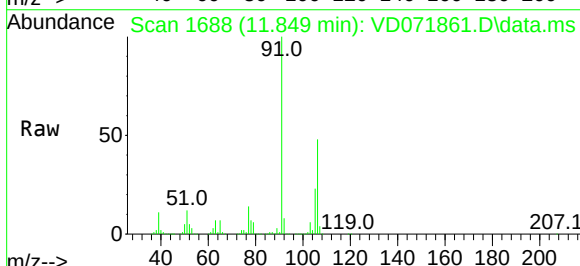
Acq: 01 Feb 2022 09:22

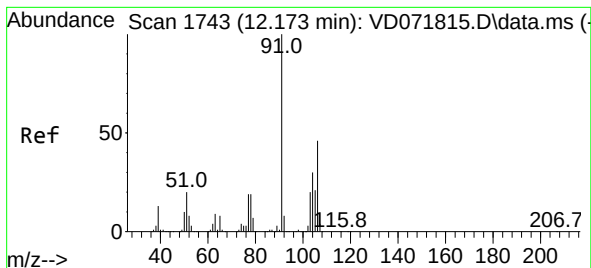
Tgt Ion:106 Resp: 967879

Ion Ratio Lower Upper

106 100

91 206.4 163.7 245.5

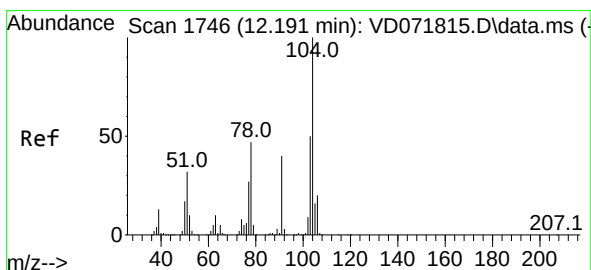
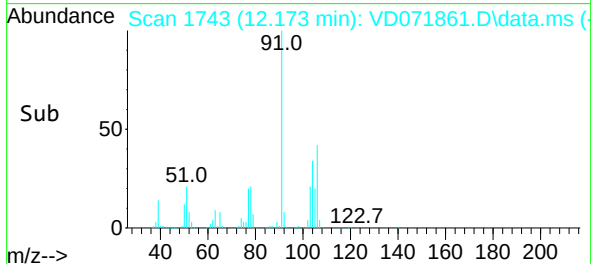
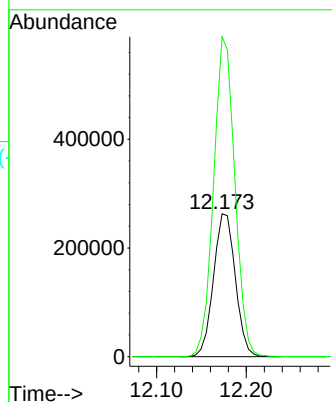
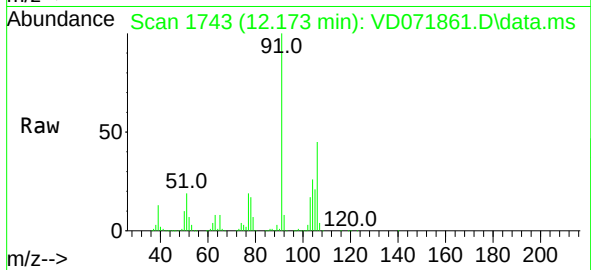




#69
o-Xylene
Concen: 56.079 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

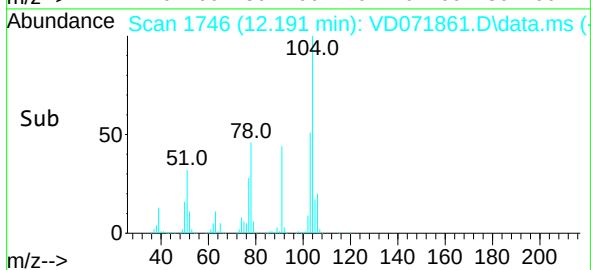
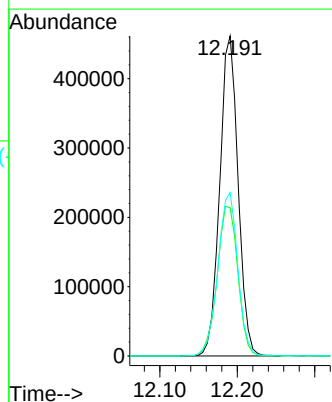
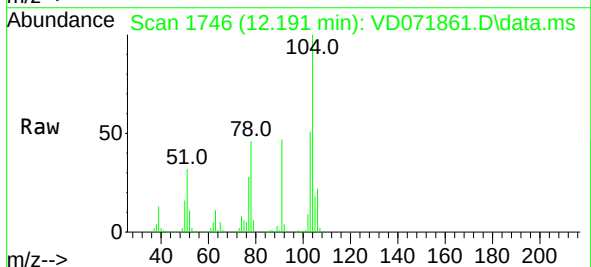
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

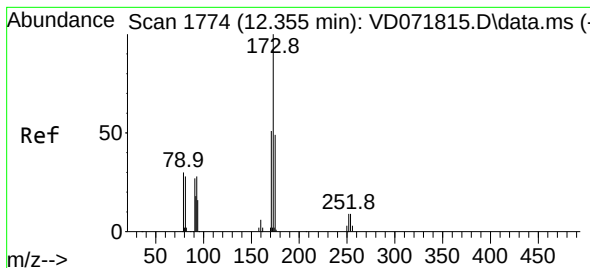
Tgt Ion:106 Resp: 444115
Ion Ratio Lower Upper
106 100
91 218.4 110.4 331.2



#70
Styrene
Concen: 55.611 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion:104 Resp: 759112
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 55.6 44.2 66.4





#71

Bromoform

Concen: 49.859 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

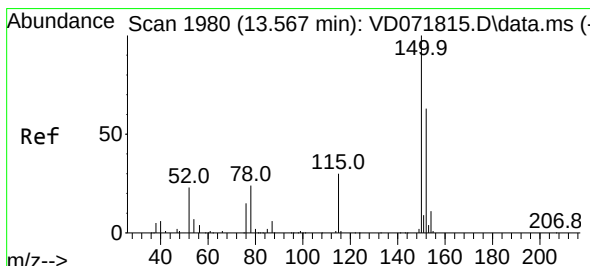
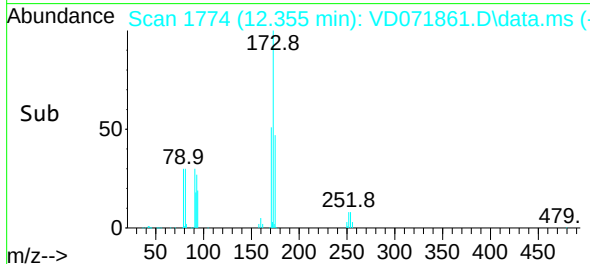
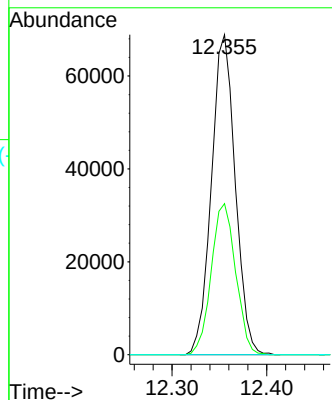
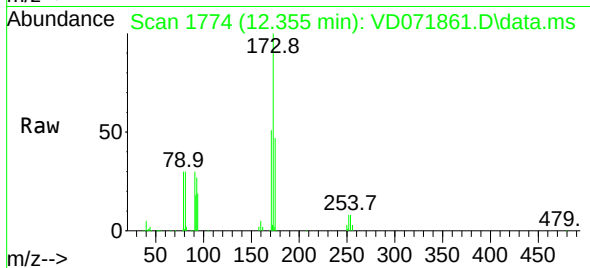
Tgt Ion:173 Resp: 120587

Ion Ratio Lower Upper

173 100

175 48.4 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: VD071861.D

Acq: 01 Feb 2022 09:22

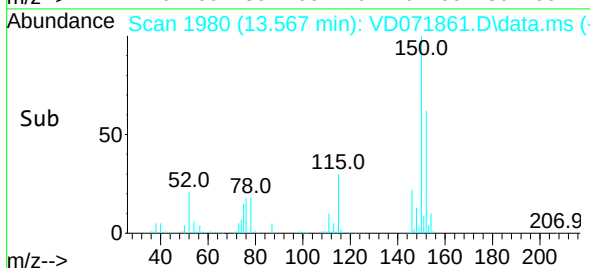
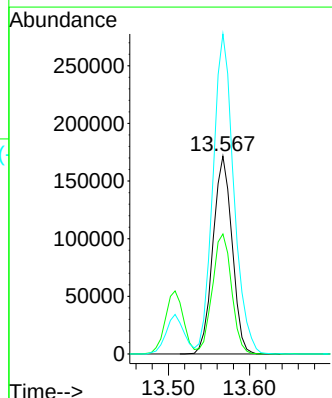
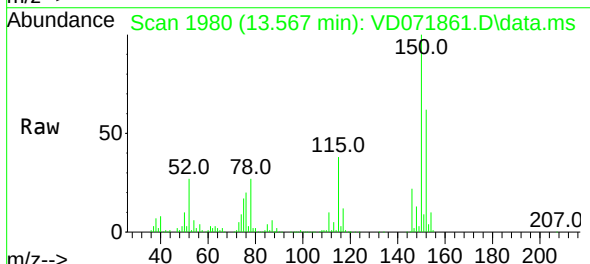
Tgt Ion:152 Resp: 280031

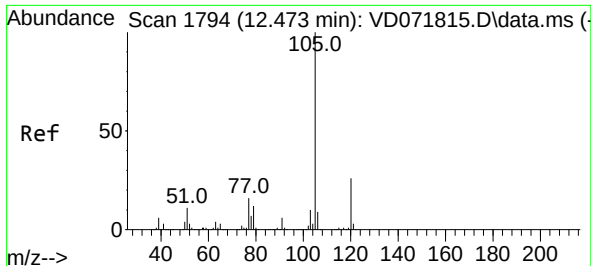
Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 176.6 0.0 348.6

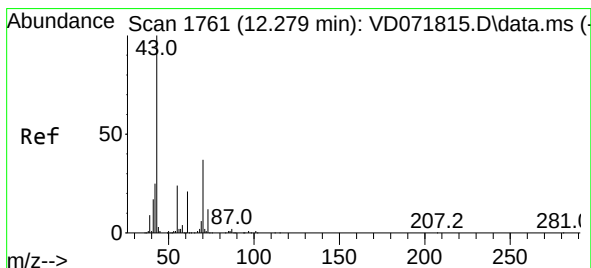
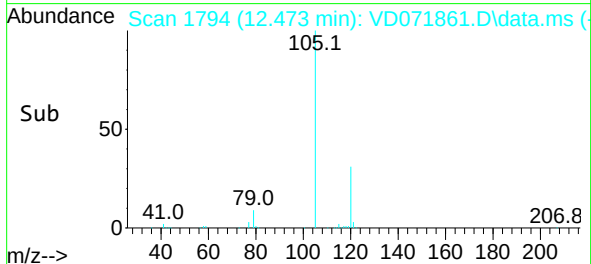
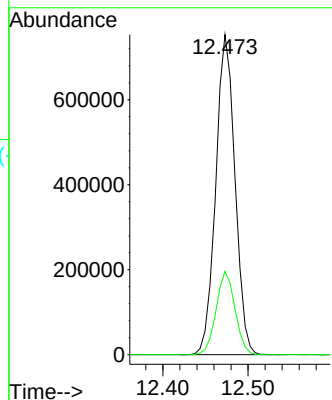
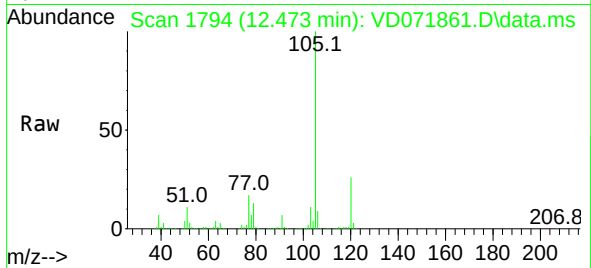




#73
Isopropylbenzene
Concen: 54.407 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

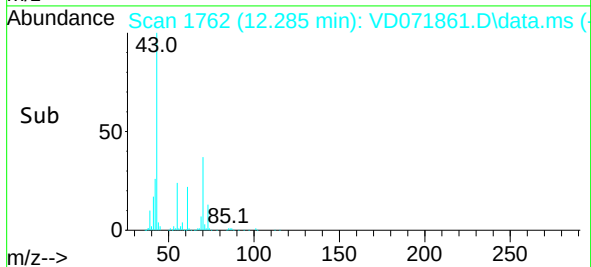
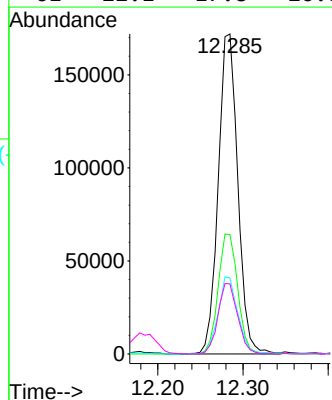
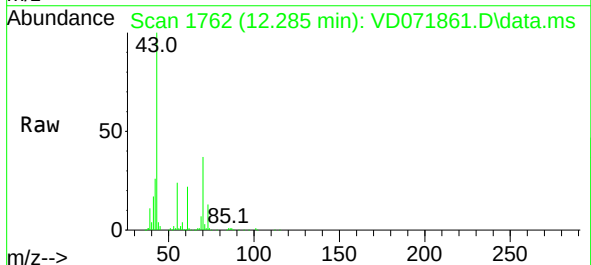
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

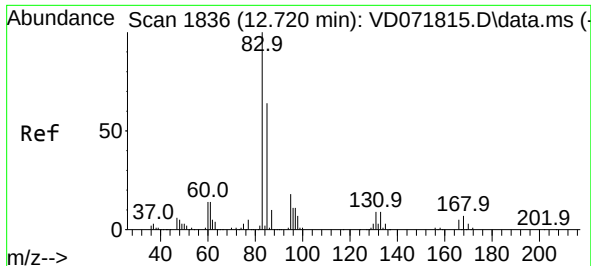
Tgt Ion:105 Resp: 1179770
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 51.492 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 43 Resp: 274588
Ion Ratio Lower Upper
43 100
70 37.5 31.3 46.9
55 24.5 20.0 30.0
61 22.1 17.8 26.8

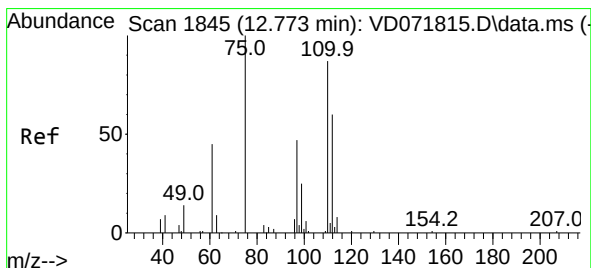
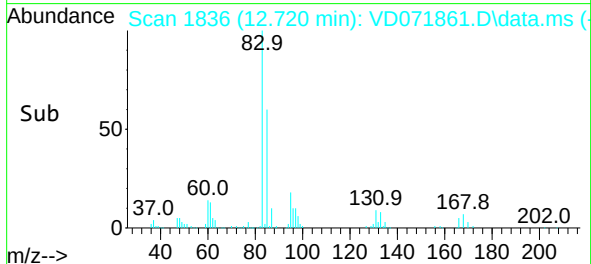
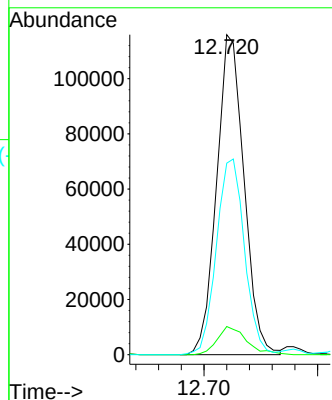
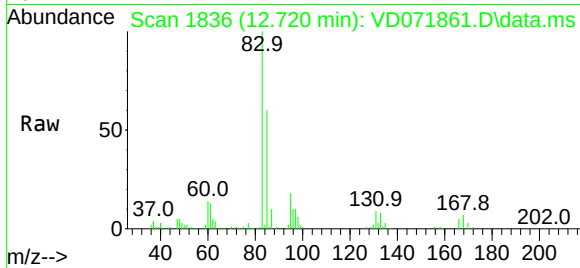




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.464 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

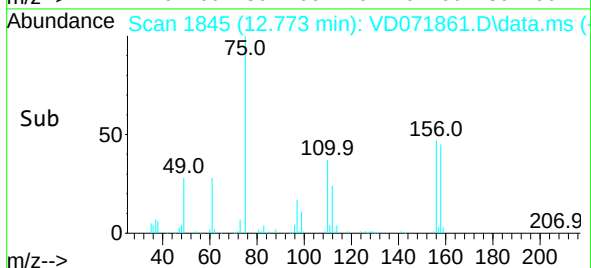
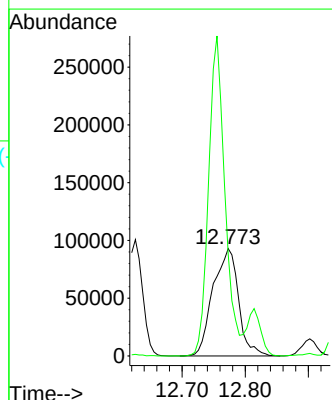
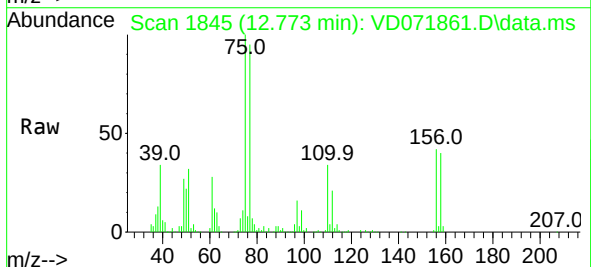
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

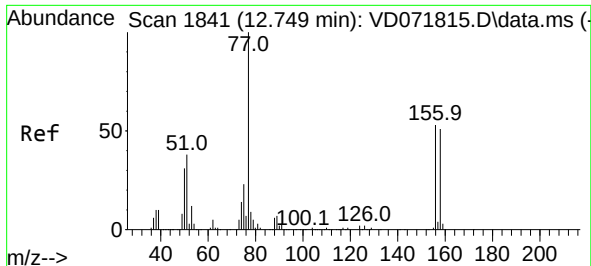
Tgt Ion: 83 Resp: 194476
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 14.9
 85 62.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 88.303 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion: 75 Resp: 260598
 Ion Ratio Lower Upper
 75 100
 77 190.1 0.0 0.0#

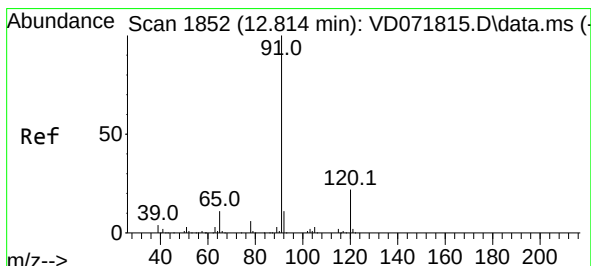
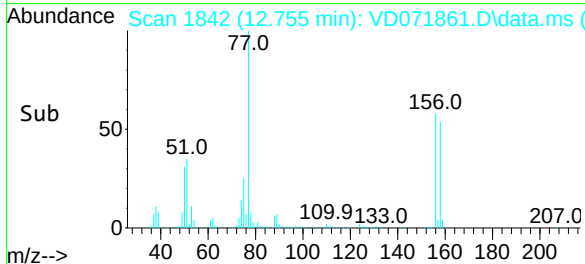
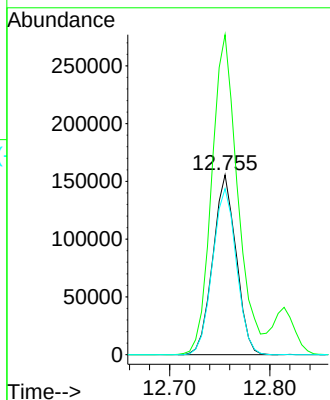
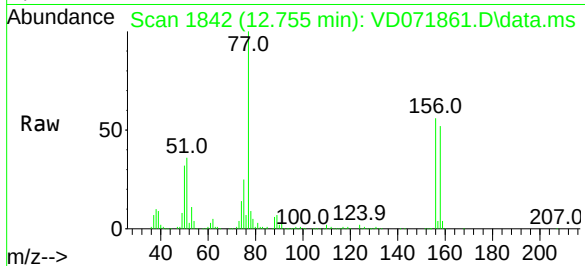




#77
Bromobenzene
Concen: 51.990 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

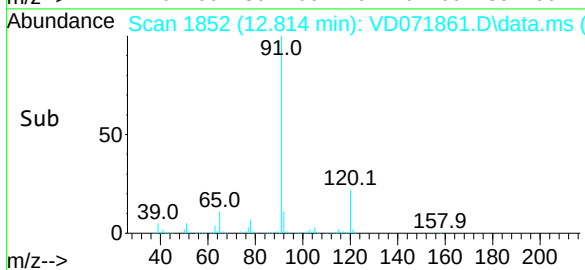
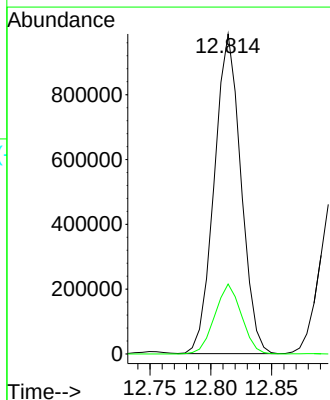
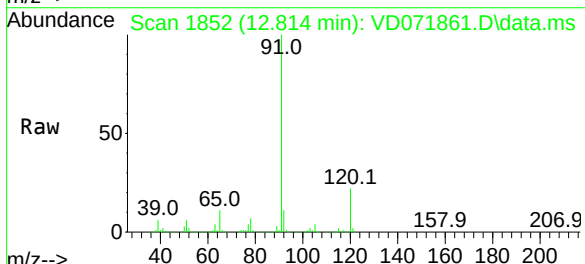
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

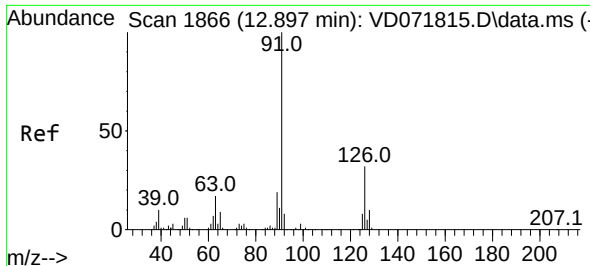
Tgt Ion:156 Resp: 250776
Ion Ratio Lower Upper
156 100
77 197.5 102.8 308.3
158 95.1 48.7 146.1



#78
n-propylbenzene
Concen: 55.340 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 91 Resp: 1504701
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9

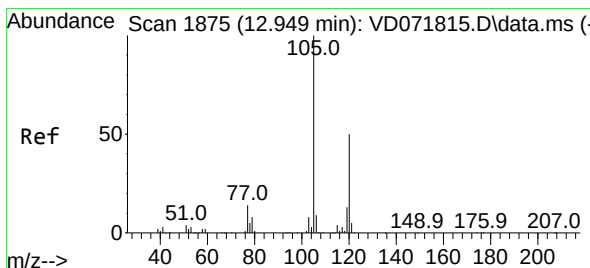
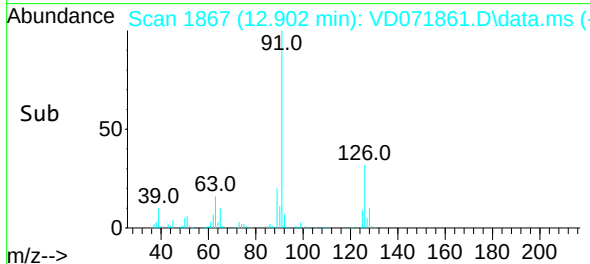
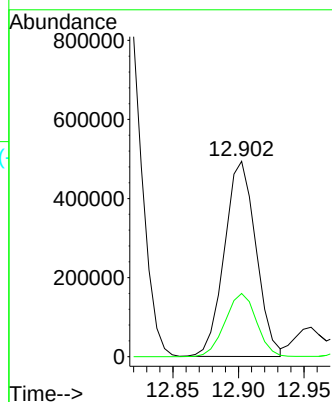
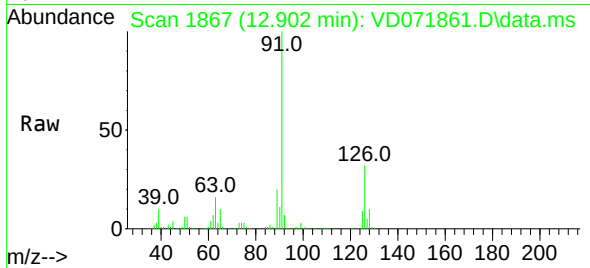




#79
2-Chlorotoluene
Concen: 53.640 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

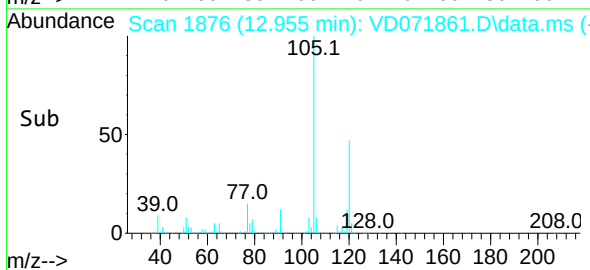
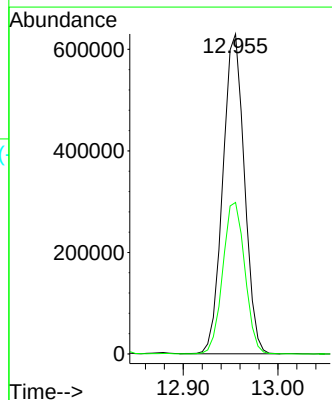
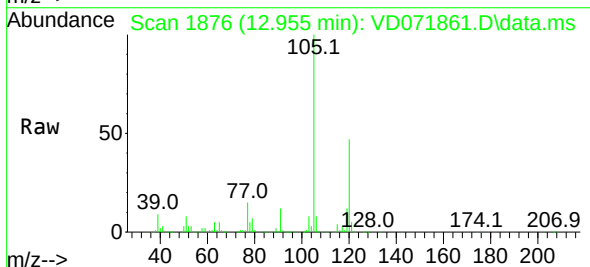
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

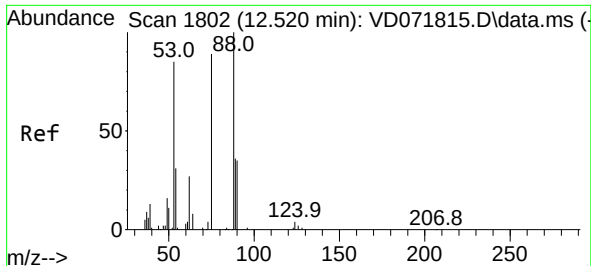
Tgt Ion: 91 Resp: 826487
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 55.517 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 105 Resp: 998503
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

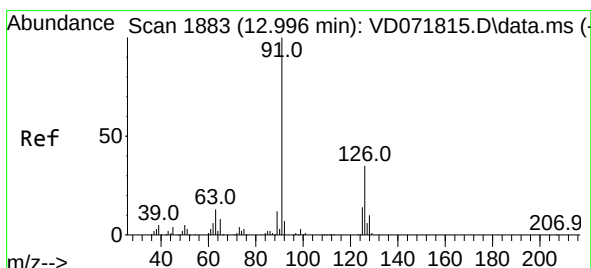
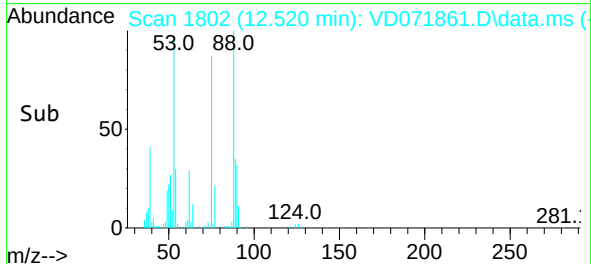
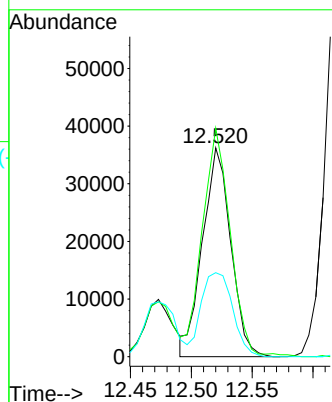
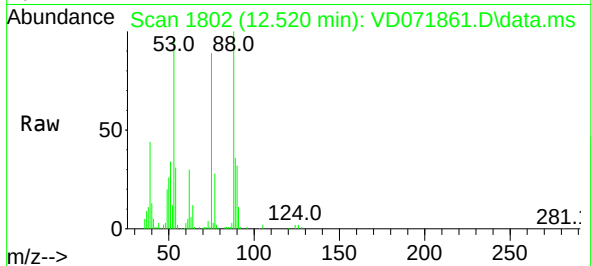




#81
trans-1,4-Dichloro-2-butene
Concen: 48.688 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

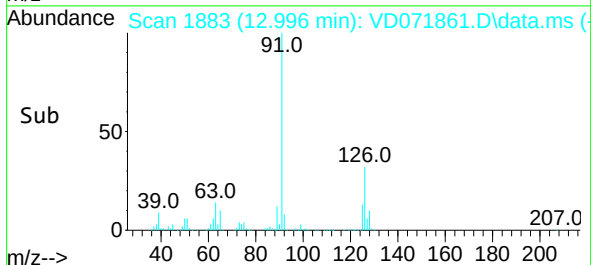
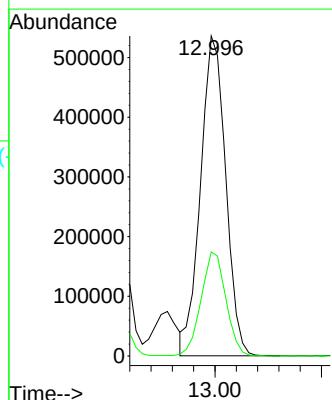
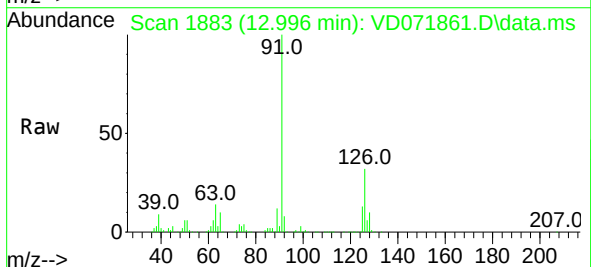
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

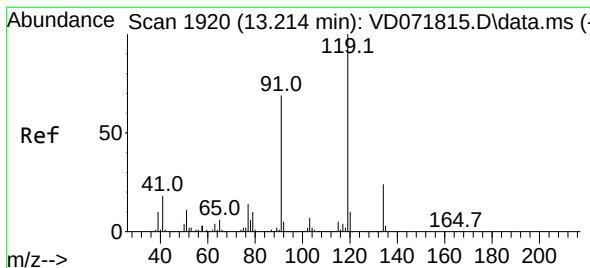
Tgt Ion: 75 Resp: 58439
Ion Ratio Lower Upper
75 100
53 108.6 86.5 129.7
89 45.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 54.766 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 91 Resp: 877926
Ion Ratio Lower Upper
91 100
126 32.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 56.765 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

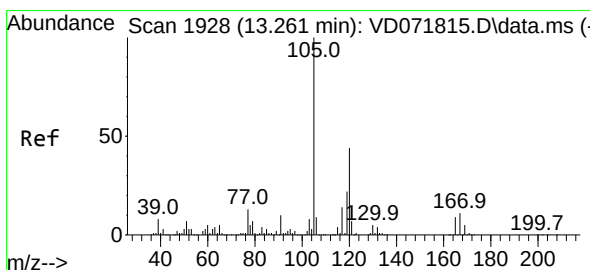
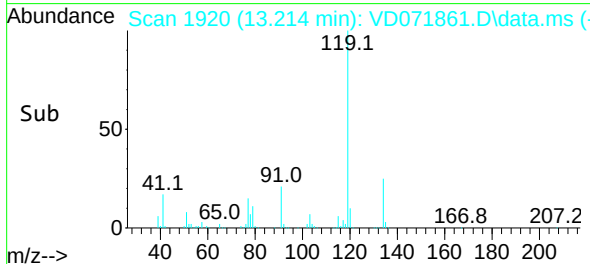
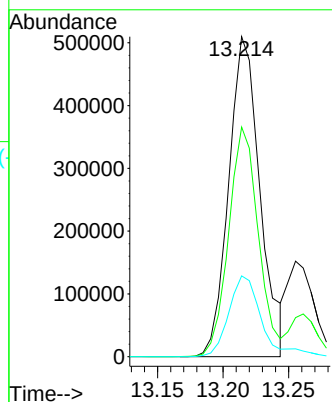
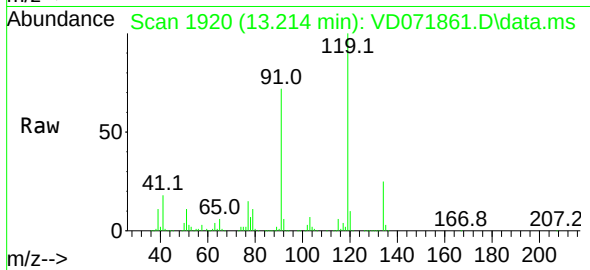
Tgt Ion:119 Resp: 846132

Ion Ratio Lower Upper

119 100

91 68.2 34.8 104.5

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.597 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD071861.D

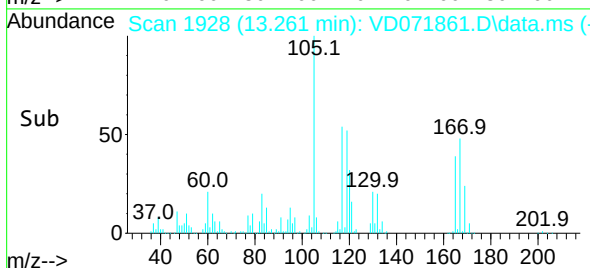
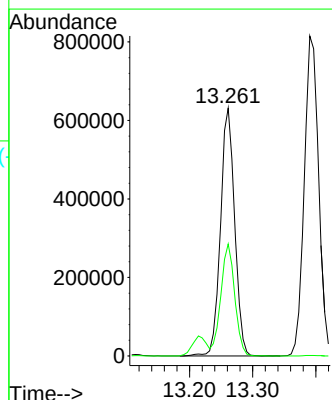
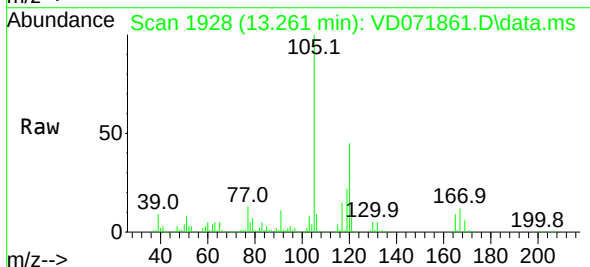
Acq: 01 Feb 2022 09:22

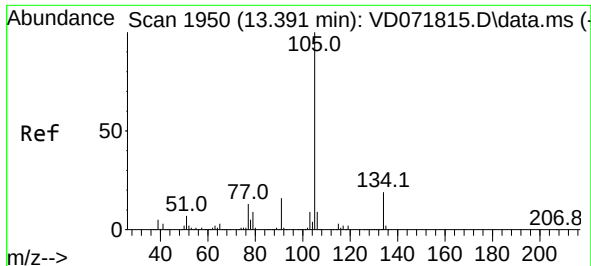
Tgt Ion:105 Resp: 983644

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.8

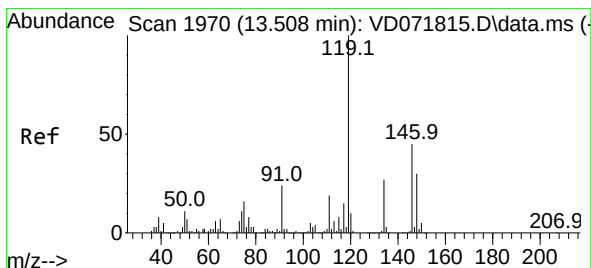
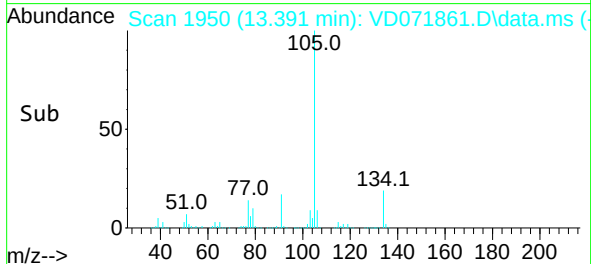
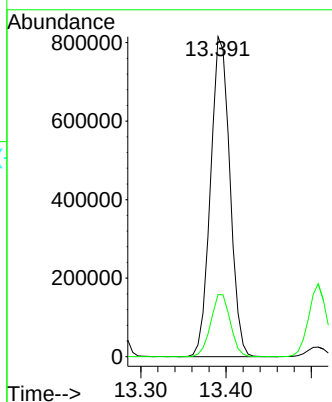
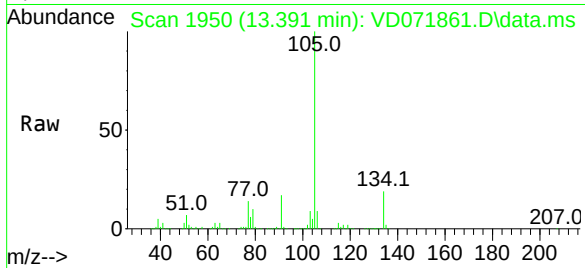




#85
 sec-Butylbenzene
 Concen: 55.109 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

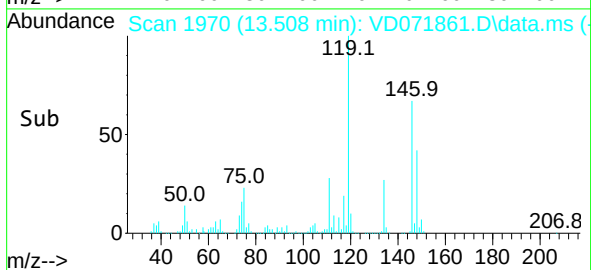
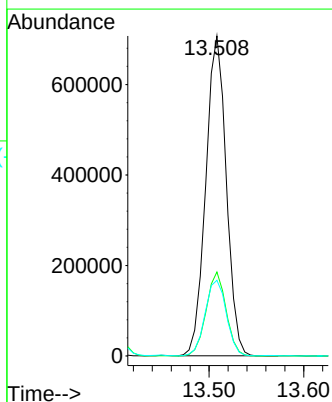
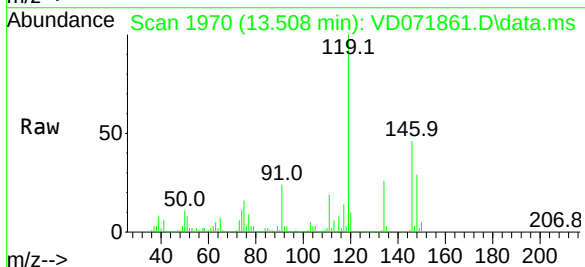
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

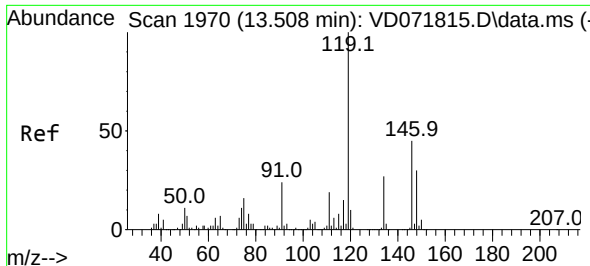
Tgt Ion:105 Resp: 1285325
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.224 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion:119 Resp: 1065581
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.4 12.1 36.3

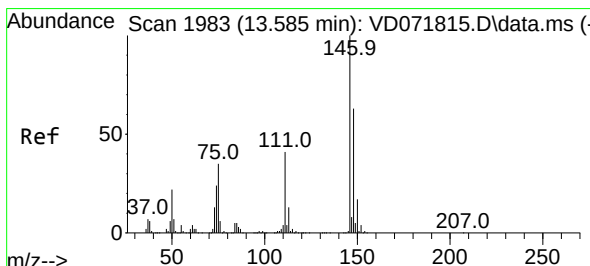
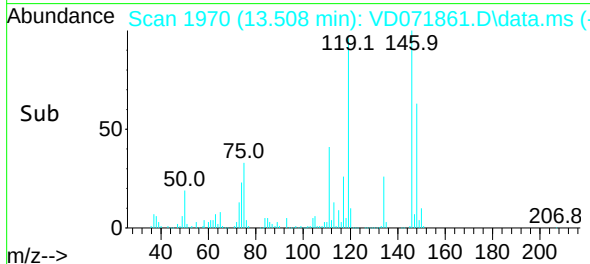
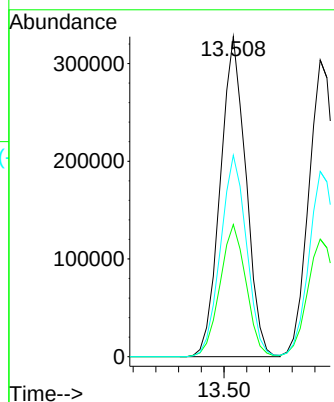
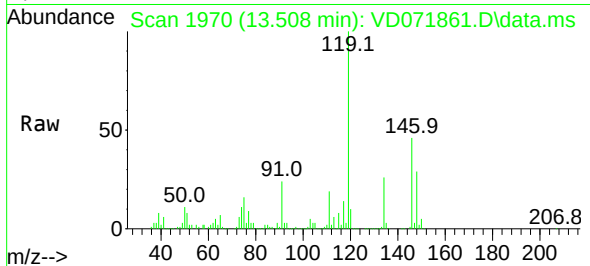




#87
1,3-Dichlorobenzene
Concen: 52.414 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

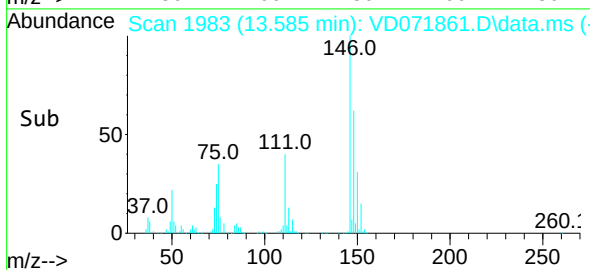
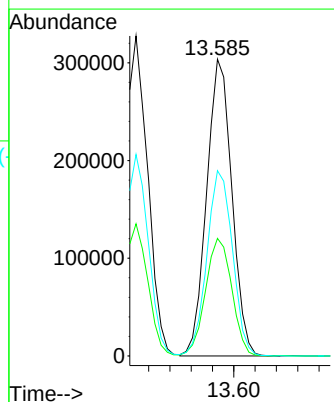
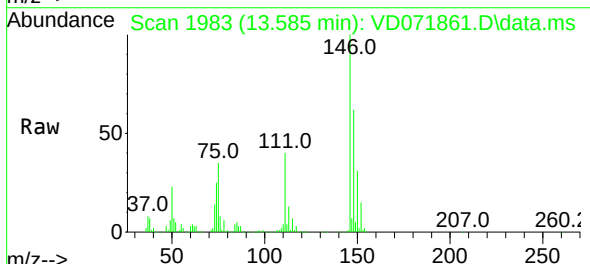
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

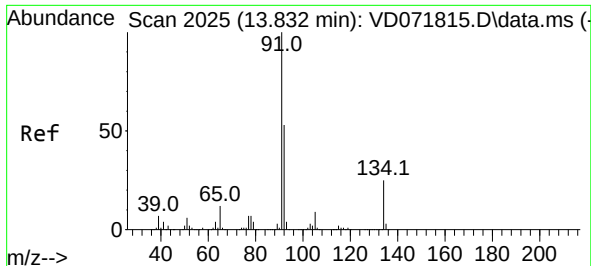
Tgt Ion:146 Resp: 513382
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.211 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion:146 Resp: 500601
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 63.4 31.7 95.1

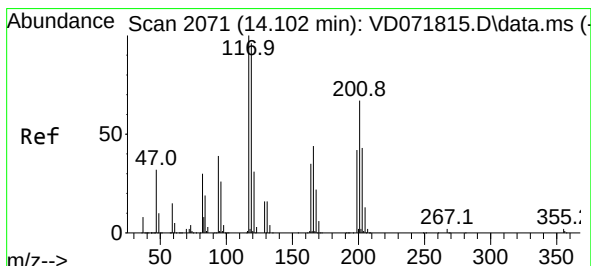
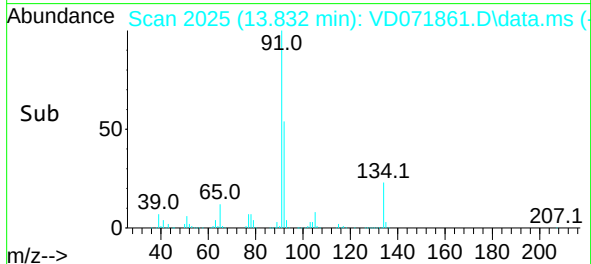
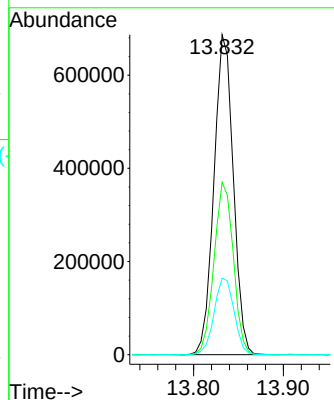
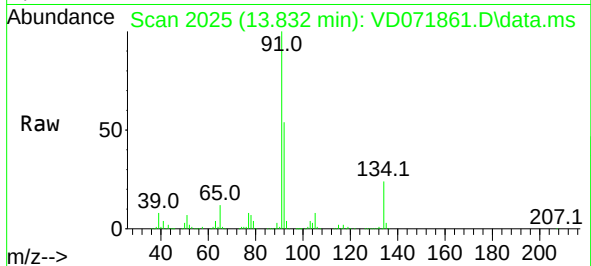




#89
n-Butylbenzene
Concen: 55.375 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

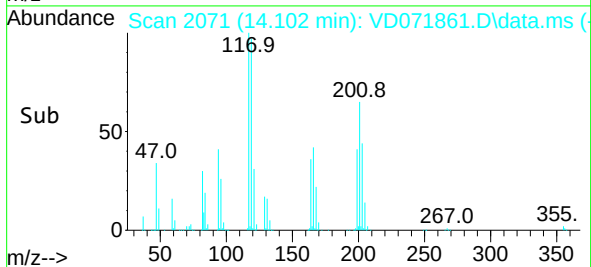
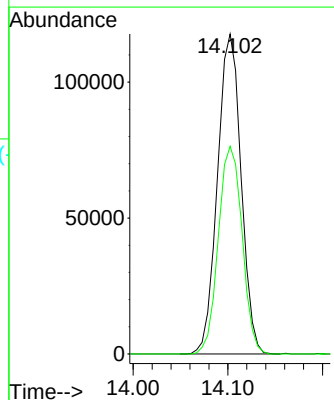
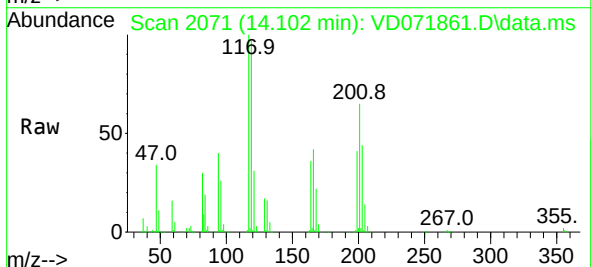
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

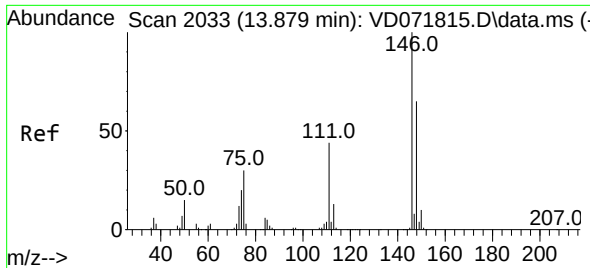
Tgt Ion: 91 Resp: 1029672
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 54.135 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071861.D
Acq: 01 Feb 2022 09:22

Tgt Ion: 117 Resp: 203942
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.2

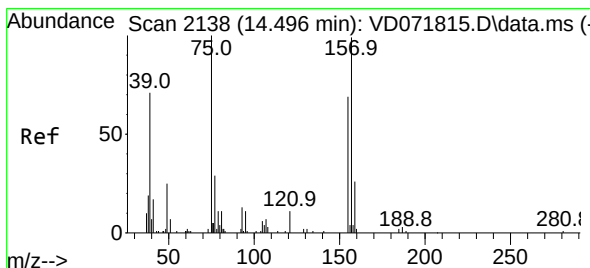
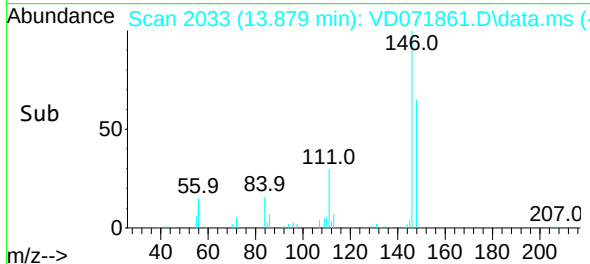
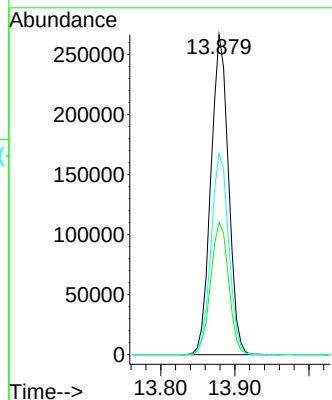
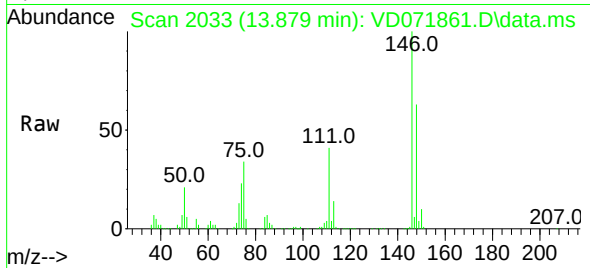




#91
 1,2-Dichlorobenzene
 Concen: 52.512 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

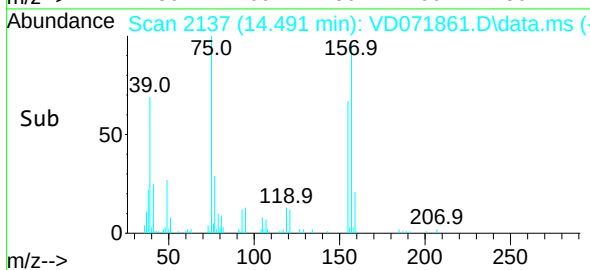
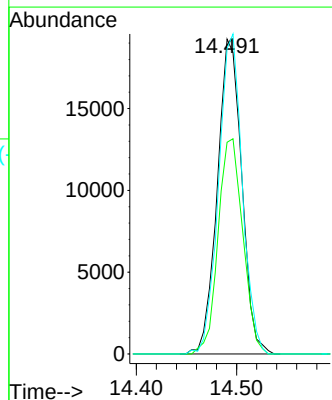
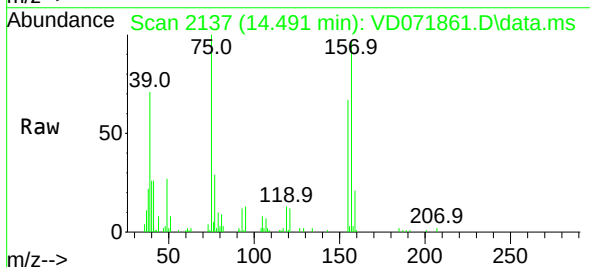
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

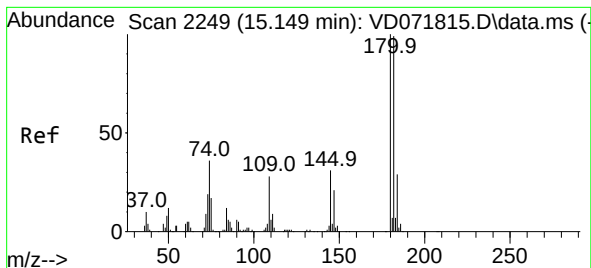
Tgt Ion:146 Resp: 440158
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.961 ug/l
 RT: 14.491 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD071861.D
 Acq: 01 Feb 2022 09:22

Tgt Ion: 75 Resp: 32538
 Ion Ratio Lower Upper
 75 100
 155 69.1 36.8 110.3
 157 98.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 51.969 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

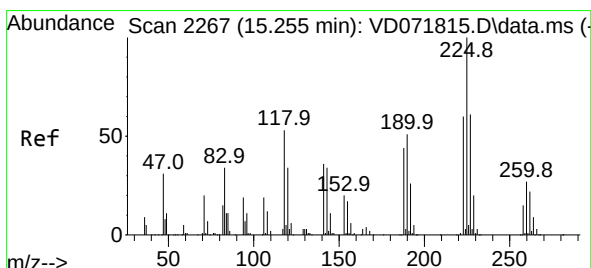
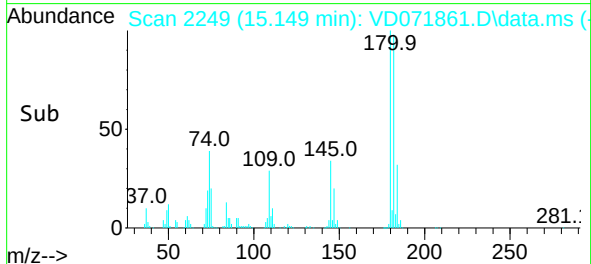
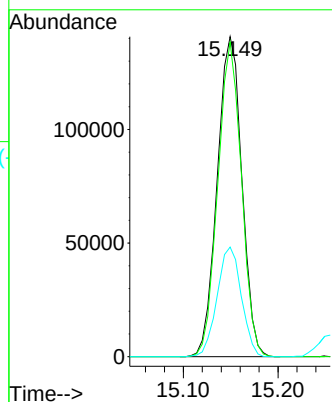
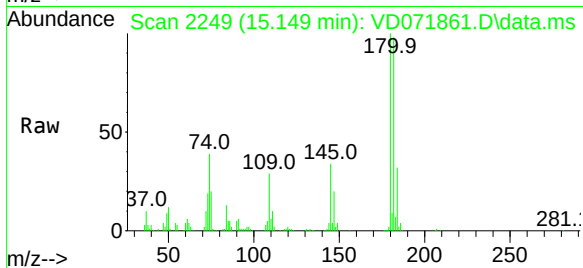
Tgt Ion:180 Resp: 254471

Ion Ratio Lower Upper

180 100

182 94.0 47.3 142.0

145 33.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 51.840 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

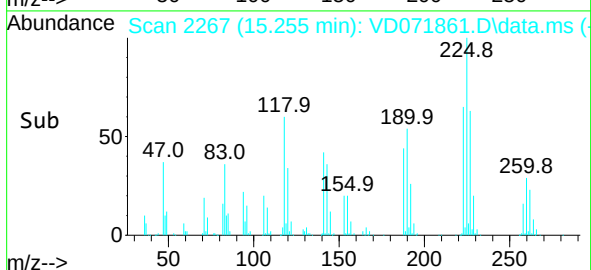
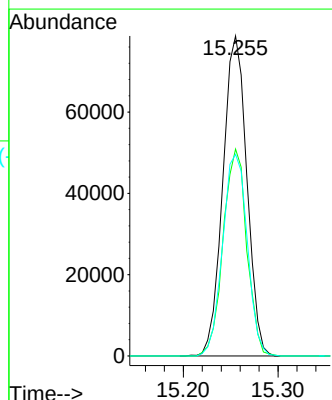
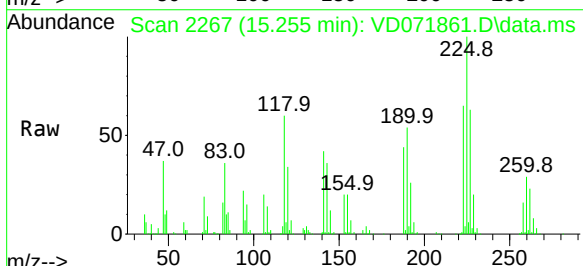
Tgt Ion:225 Resp: 138411

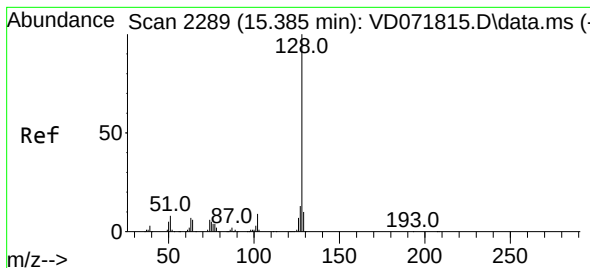
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 64.8 32.4 97.0





#95

Naphthalene

Concen: 46.810 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

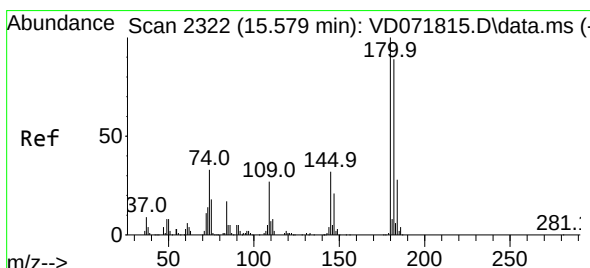
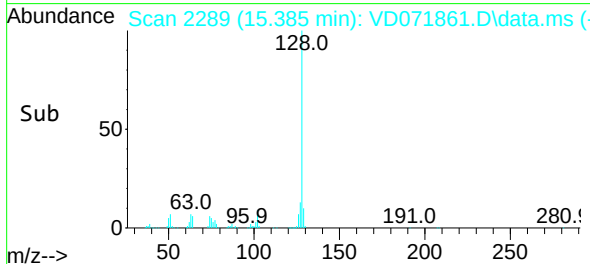
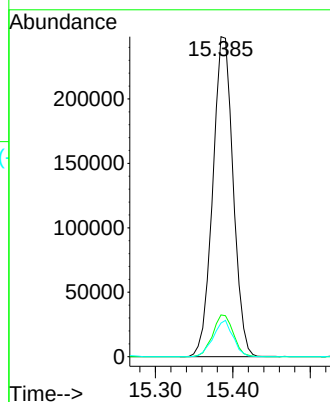
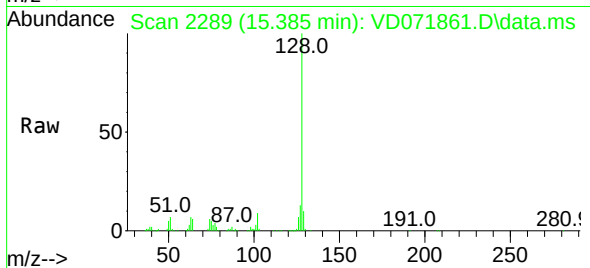
Tgt Ion:128 Resp: 454423

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.752 ug/l

RT: 15.585 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VD071861.D

Acq: 01 Feb 2022 09:22

Tgt Ion:180 Resp: 217206

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 34.2 17.1 51.3

