

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072673.D
 Acq On : 21 Apr 2022 16:17
 Operator : VA/SY
 Sample : VD0421SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBS01

Quant Time: Apr 22 03:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	339482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232225	56.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.100%
35) Dibromofluoromethane	7.908	113	241318	52.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.332	98	819698	51.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.620	95	329517	53.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	49476	18.364	ug/l	92
3) Chloromethane	2.209	50	51285	20.580	ug/l	96
4) Vinyl Chloride	2.350	62	51593	18.620	ug/l	97
5) Bromomethane	2.744	94	38105	19.843	ug/l	89
6) Chloroethane	2.909	64	39743	21.653	ug/l	98
7) Trichlorofluoromethane	3.268	101	129133	22.082	ug/l	97
8) Diethyl Ether	3.709	74	41521	23.892	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	88607	22.719	ug/l	96
10) Methyl Iodide	4.297	142	58760	18.688	ug/l	97
11) Tert butyl alcohol	5.191	59	73824	340.405	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	62874	20.620	ug/l	86
13) Acrolein	3.926	56	15172	157.649	ug/l	94
14) Allyl chloride	4.715	41	113948	21.929	ug/l	91
15) Acrylonitrile	5.415	53	119158	137.102	ug/l	97
16) Acetone	4.150	43	88505	115.578	ug/l	92
17) Carbon Disulfide	4.409	76	77962	14.576	ug/l	99
18) Methyl Acetate	4.720	43	70094	32.491	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	236082	26.527	ug/l	99
20) Methylene Chloride	4.962	84	117191	25.707	ug/l #	86
21) trans-1,2-Dichloroethene	5.467	96	73309	20.155	ug/l	90
22) Diisopropyl ether	6.356	45	315805	25.778	ug/l #	94
23) Vinyl Acetate	6.303	43	611631	96.777	ug/l #	95
24) 1,1-Dichloroethane	6.262	63	182341	24.700	ug/l	98
25) 2-Butanone	7.209	43	138358	130.641	ug/l	92
26) 2,2-Dichloropropane	7.209	77	158435	24.163	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	111842	24.158	ug/l	92
28) Bromochloromethane	7.544	49	76039	24.040	ug/l #	81
29) Tetrahydrofuran	7.561	42	83763	131.001	ug/l #	89
30) Chloroform	7.708	83	215990	26.010	ug/l	93
31) Cyclohexane	7.979	56	99817	18.589	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	174595	24.789	ug/l	95
36) 1,1-Dichloropropene	8.108	75	109107	19.390	ug/l	95
37) Ethyl Acetate	7.291	43	61252	25.300	ug/l #	93
38) Carbon Tetrachloride	8.097	117	139344	22.137	ug/l	95
39) Methylcyclohexane	9.350	83	116932	19.083	ug/l	100
40) Benzene	8.350	78	356950	22.370	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	44404	32.001	ug/l	91
42) 1,2-Dichloroethane	8.420	62	120425	24.691	ug/l	96
43) Isopropyl Acetate	8.450	43	130688	28.142	ug/l #	96
44) Trichloroethene	9.108	130	99683	22.004	ug/l	100
45) 1,2-Dichloropropane	9.379	63	110623	24.922	ug/l	91
46) Dibromomethane	9.467	93	56931	24.446	ug/l	99
47) Bromodichloromethane	9.655	83	171747	25.670	ug/l	98
48) Methyl methacrylate	9.450	41	59895	26.566	ug/l	92
49) 1,4-Dioxane	9.461	88	14298	516.123	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	341738	137.143	ug/l	92
52) Toluene	10.397	92	244400	23.055	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	142534	24.448	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	164543	23.871	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	97493	27.614	ug/l	98
56) Ethyl methacrylate	10.655	69	104818	24.761	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	149452	25.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	219966	126.195	ug/l	95
59) 2-Hexanone	10.973	43	234138	138.175	ug/l	97
60) Dibromochloromethane	11.132	129	117198	25.734	ug/l	99
61) 1,2-Dibromoethane	11.238	107	80494	25.678	ug/l	98
64) Tetrachloroethene	10.867	164	77039	21.063	ug/l	99
65) Chlorobenzene	11.661	112	290454	23.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	125910	25.163	ug/l	98
67) Ethyl Benzene	11.738	91	489295	22.405	ug/l	98
68) m/p-Xylenes	11.844	106	375133	45.278	ug/l	100
69) o-Xylene	12.173	106	189238	23.673	ug/l	97
70) Styrene	12.185	104	337838	23.980	ug/l	97
71) Bromoform	12.349	173	69708	26.279	ug/l #	100
73) Isopropylbenzene	12.467	105	532565	23.027	ug/l	100
74) N-amyl acetate	12.279	43	124437	25.643	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	111256	25.397	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	132397	42.390	ug/l #	100
77) Bromobenzene	12.749	156	121624	23.462	ug/l	96
78) n-propylbenzene	12.808	91	633708	22.713	ug/l	99
79) 2-Chlorotoluene	12.896	91	382358	23.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	460840	23.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	30177	23.708	ug/l	92
82) 4-Chlorotoluene	12.991	91	401262	23.613	ug/l	100
83) tert-Butylbenzene	13.208	119	415078	24.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	459530	23.725	ug/l	100
85) sec-Butylbenzene	13.391	105	608496	23.558	ug/l	99
86) p-Isopropyltoluene	13.502	119	500814	23.721	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	253869	23.635	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	258334	23.862	ug/l	100
89) n-Butylbenzene	13.826	91	472792	23.508	ug/l	99
90) Hexachloroethane	14.096	117	102487	23.713	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	232119	24.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18035	27.838	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	143519	24.439	ug/l	98
94) Hexachlorobutadiene	15.249	225	81024	24.632	ug/l	99
95) Naphthalene	15.385	128	289200	25.345	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	127437	24.864	ug/l	98

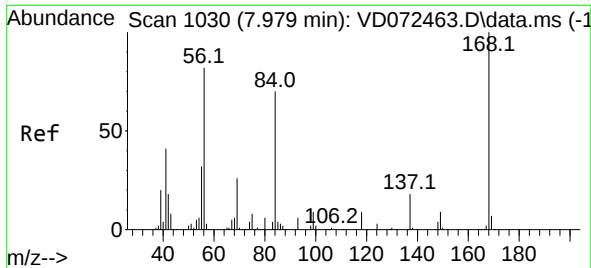
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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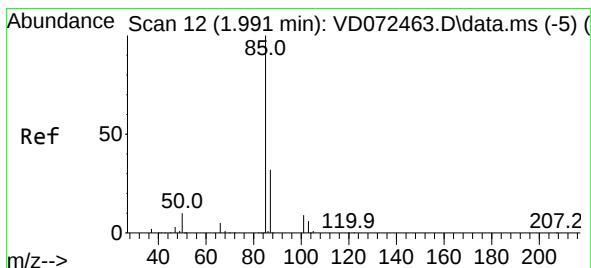
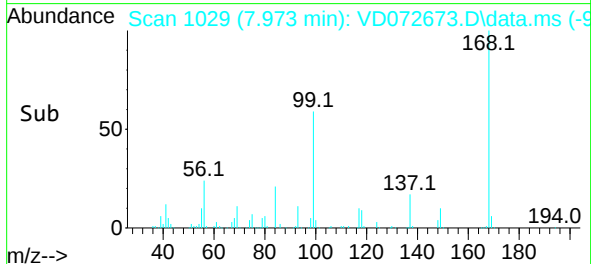
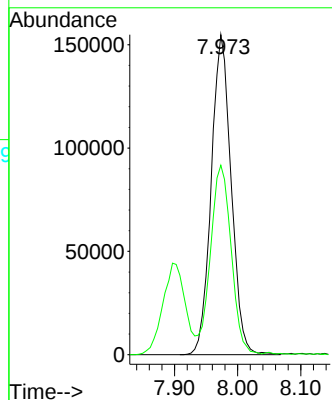
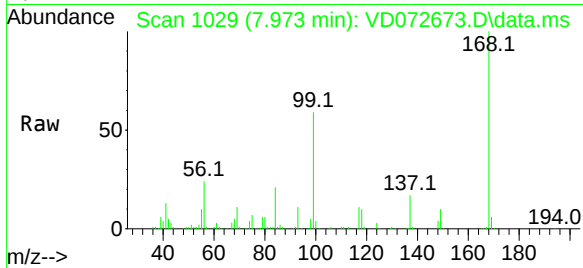
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

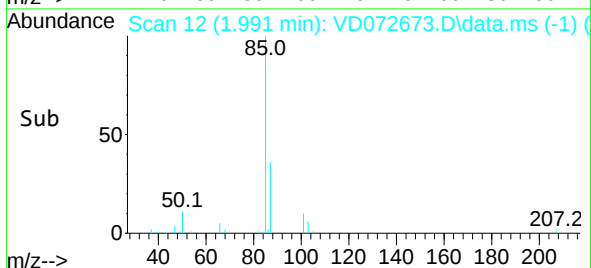
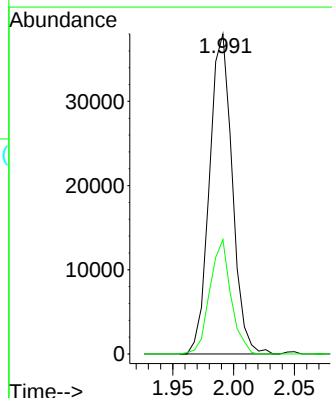
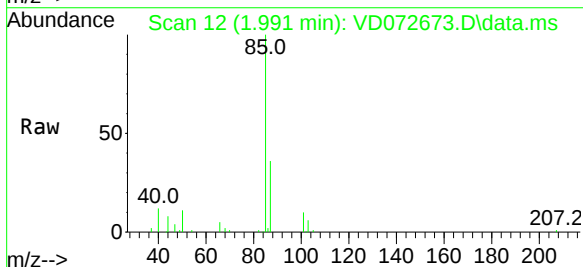
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ClientSampleId :
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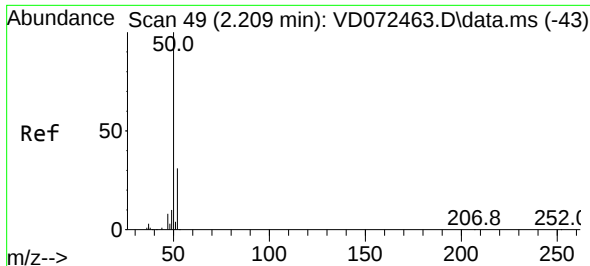
Tgt Ion:168 Resp: 339482
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 18.364 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 85 Resp: 49476
Ion Ratio Lower Upper
85 100
87 35.8 15.7 47.0

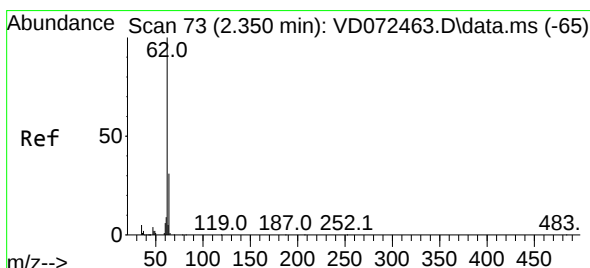
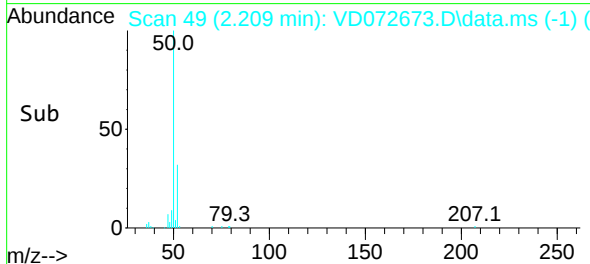
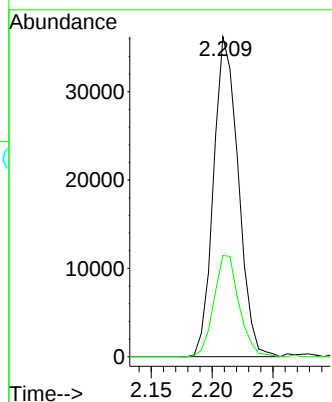
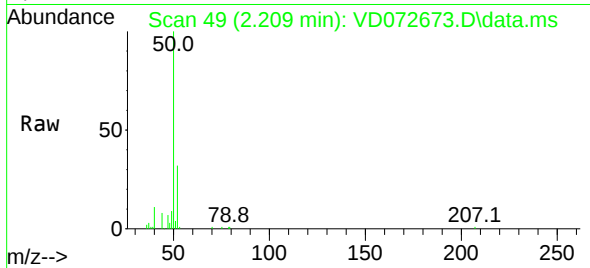




#3
Chloromethane
Concen: 20.580 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

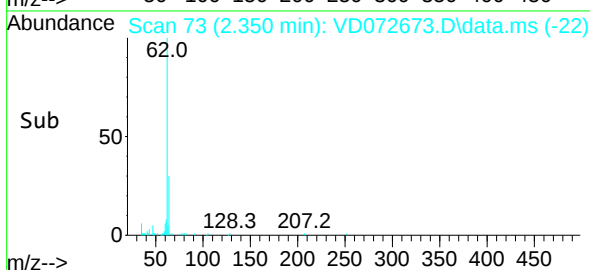
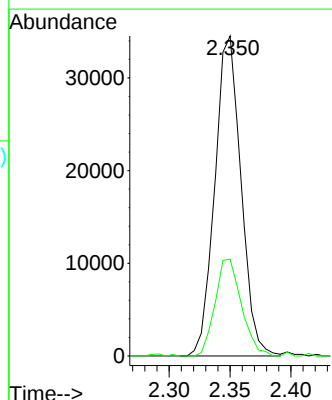
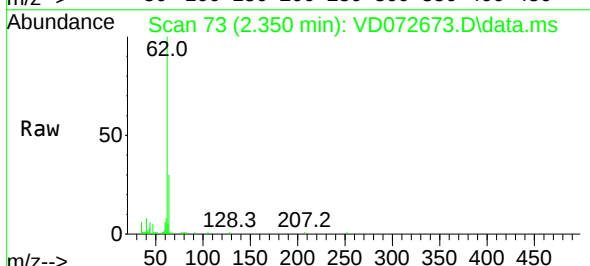
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

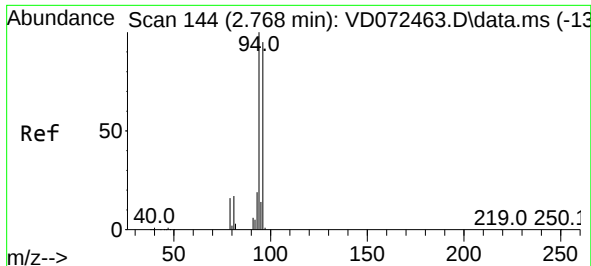
Tgt Ion: 50 Resp: 51285
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0



#4
Vinyl Chloride
Concen: 18.620 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 62 Resp: 51593
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0

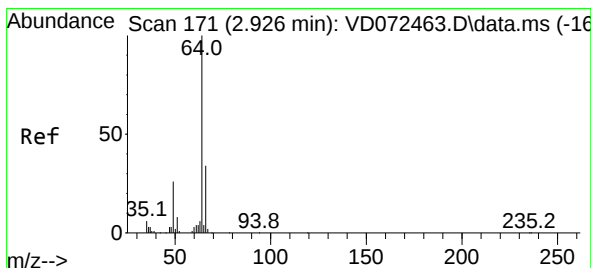
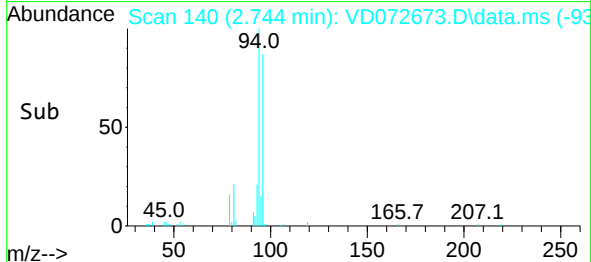
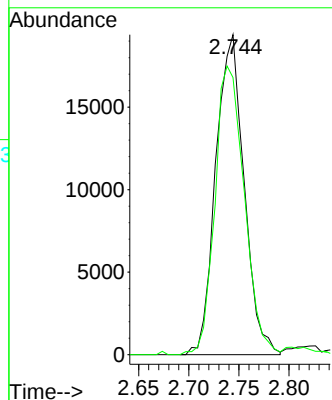
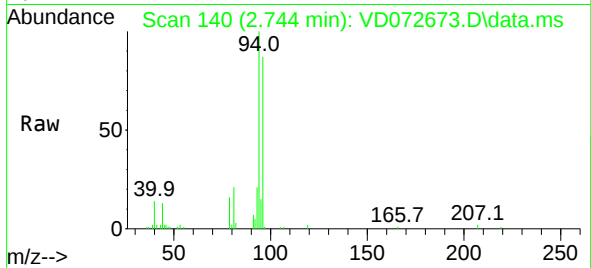




#5
Bromomethane
Concen: 19.843 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.023 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

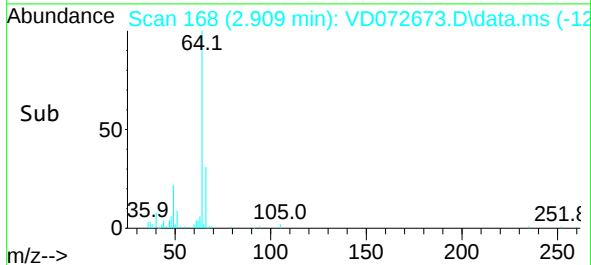
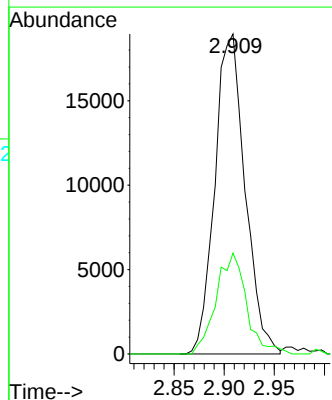
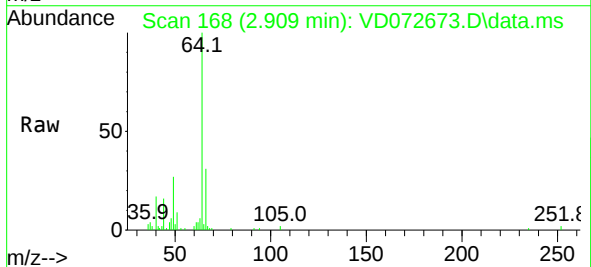
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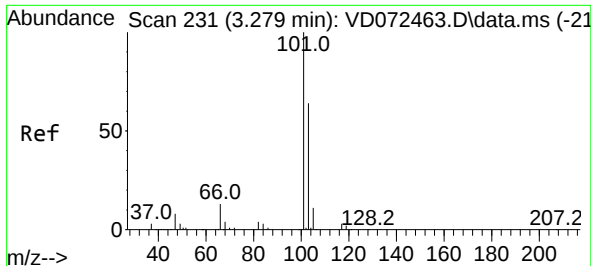
Tgt Ion: 94 Resp: 38105
Ion Ratio Lower Upper
94 100
96 86.6 77.6 116.4



#6
Chloroethane
Concen: 21.653 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.018 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 64 Resp: 39743
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9

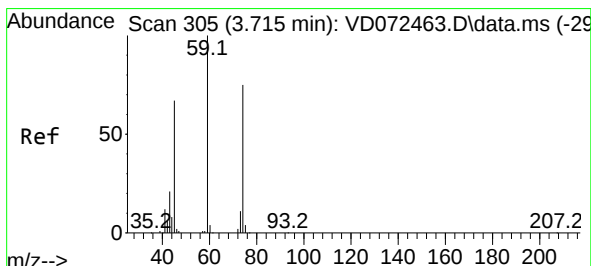
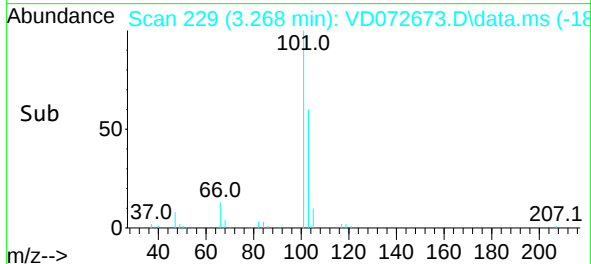
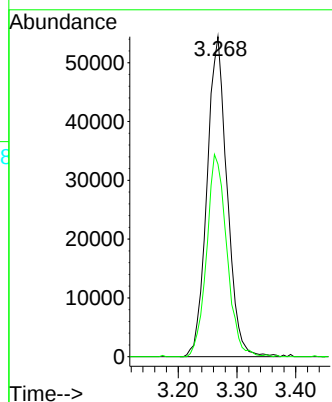
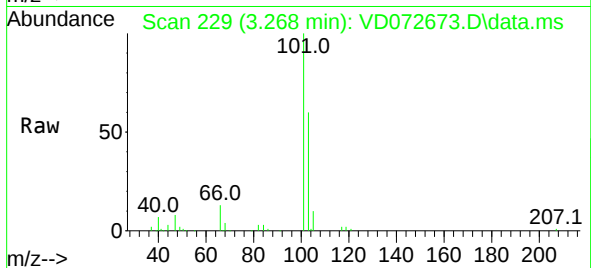




#7
 Trichlorofluoromethane
 Concen: 22.082 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

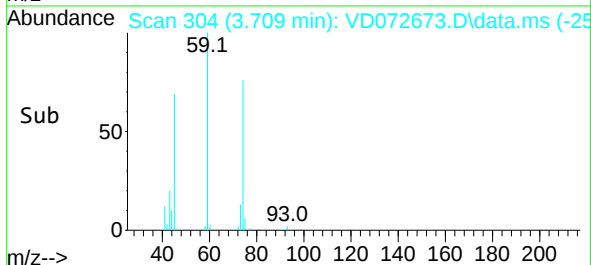
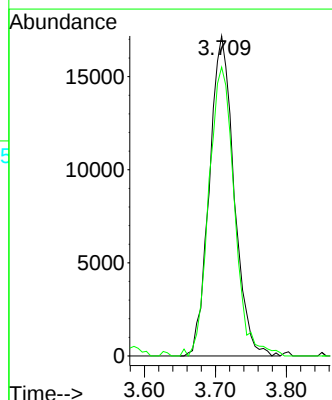
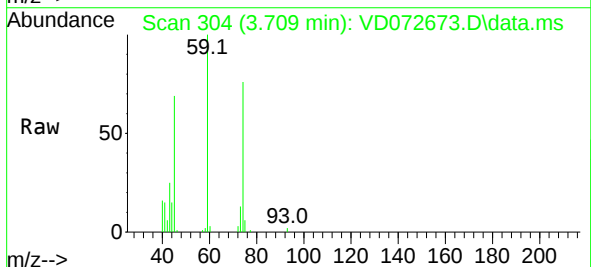
Instrument :
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 ClientSampleId :
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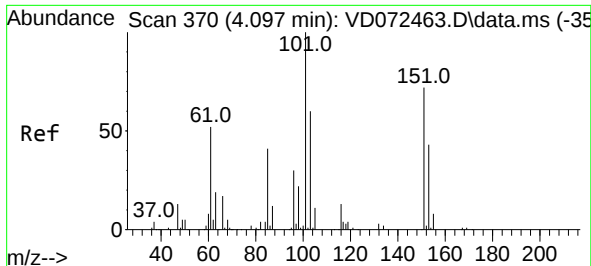
Tgt Ion:101 Resp: 129133
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 23.892 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

Tgt Ion: 74 Resp: 41521
 Ion Ratio Lower Upper
 74 100
 45 93.2 52.6 157.8

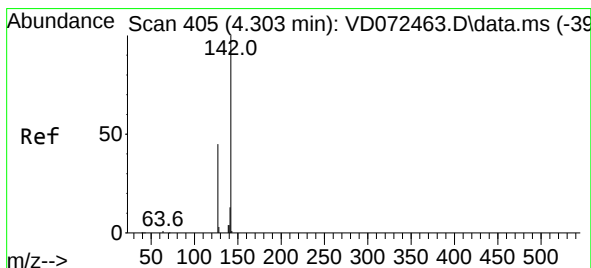
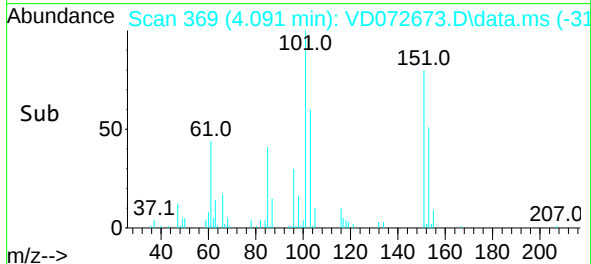
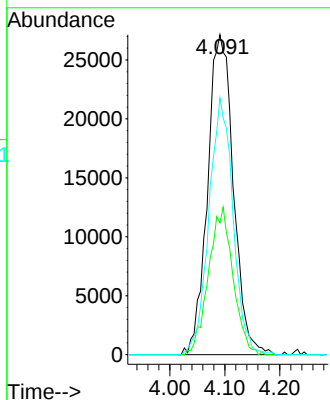
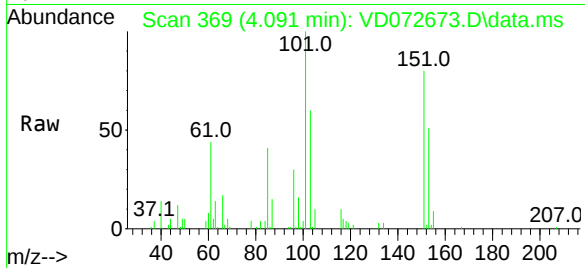




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.719 ug/l
RT: 4.091 min Scan# 309
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

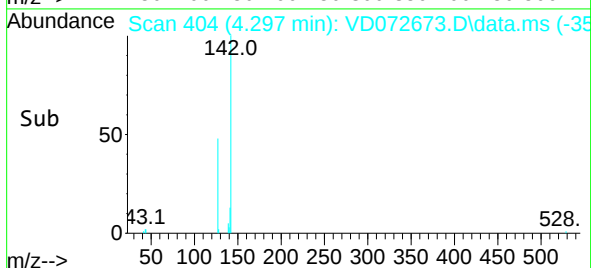
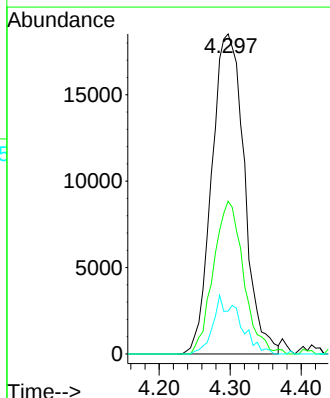
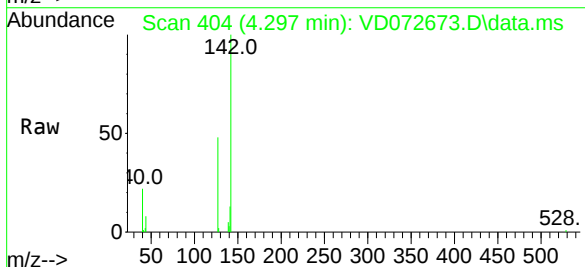
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

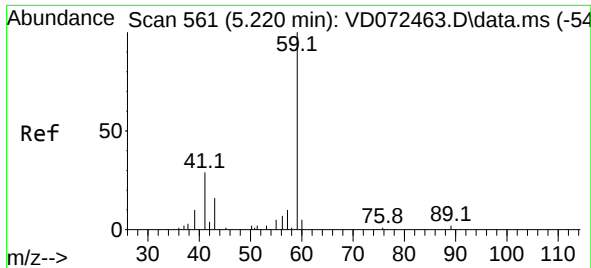
Tgt Ion:101 Resp: 88607
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 75.1 57.3 85.9



#10
Methyl Iodide
Concen: 18.688 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:142 Resp: 58760
Ion Ratio Lower Upper
142 100
127 44.4 37.3 55.9
141 15.0 11.7 17.5

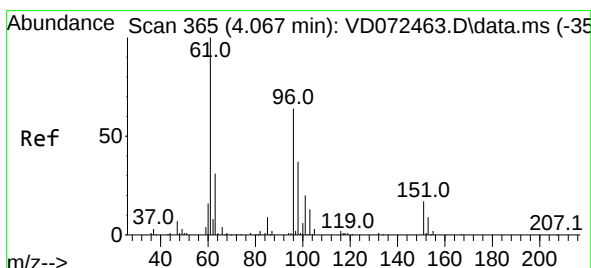
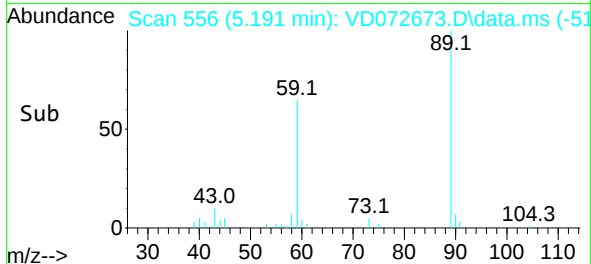
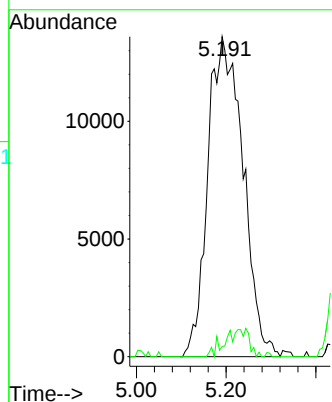
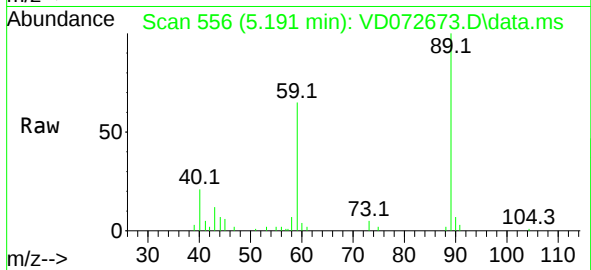




#11
Tert butyl alcohol
Concen: 340.405 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.029 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

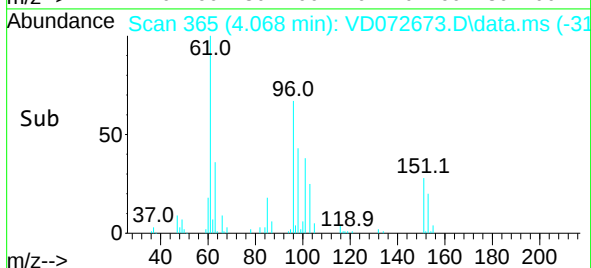
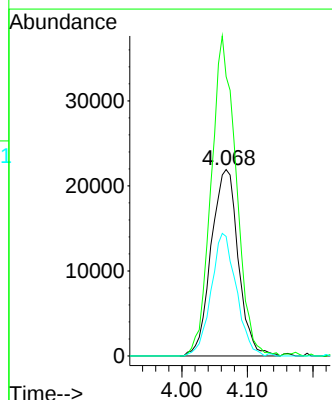
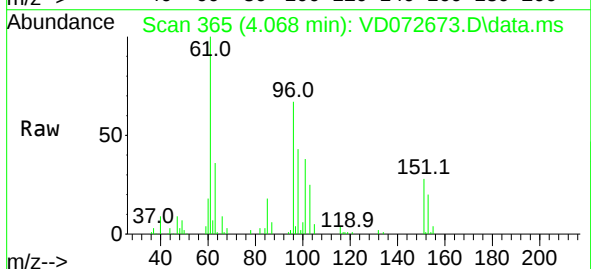
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

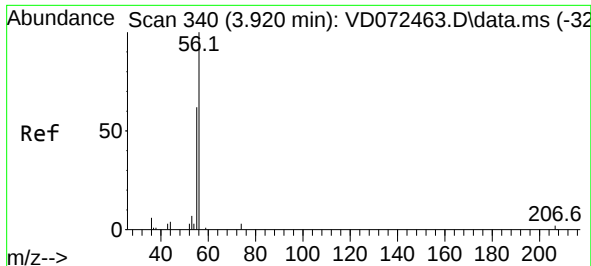
Tgt Ion: 59 Resp: 73824
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 20.620 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 96 Resp: 62874
Ion Ratio Lower Upper
96 100
61 149.8 138.5 207.7
98 64.1 48.6 73.0

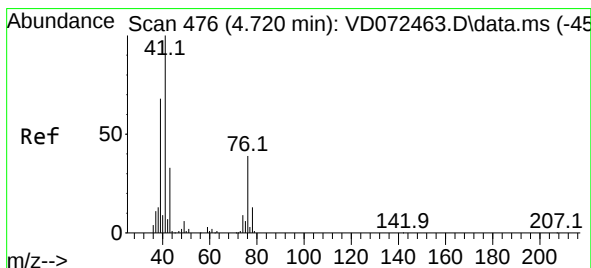
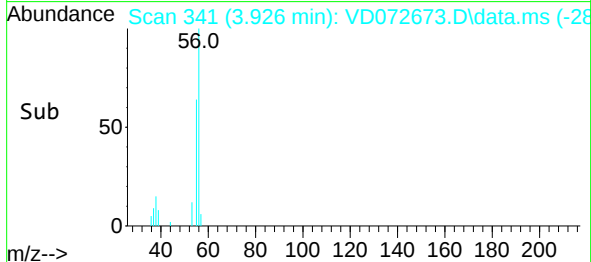
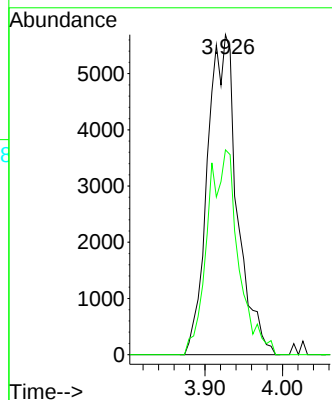
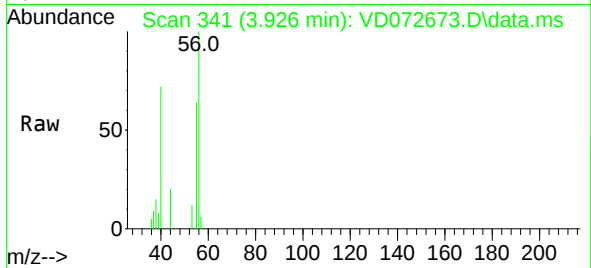




#13
Acrolein
Concen: 157.649 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

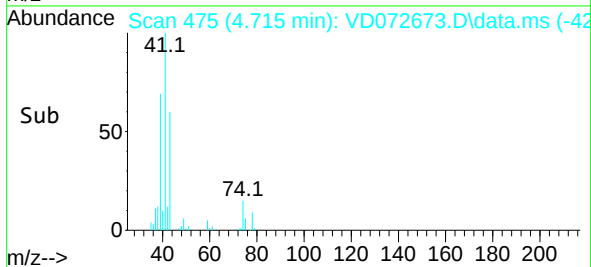
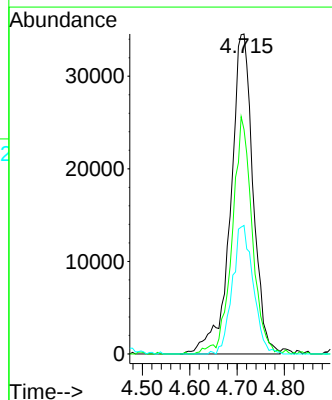
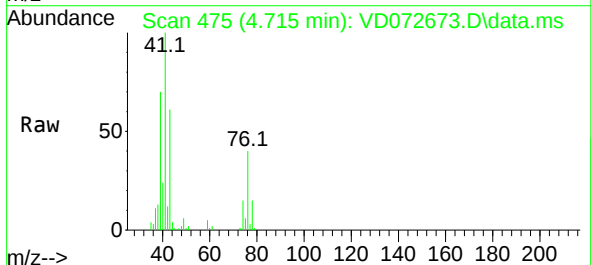
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

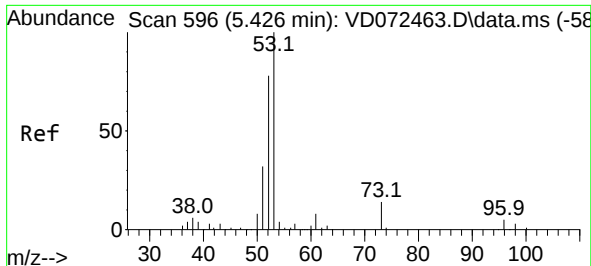
Tgt Ion: 56 Resp: 15172
Ion Ratio Lower Upper
56 100
55 66.3 57.1 85.7



#14
Allyl chloride
Concen: 21.929 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 41 Resp: 113948
Ion Ratio Lower Upper
41 100
39 66.2 59.3 88.9
76 37.3 25.7 38.5

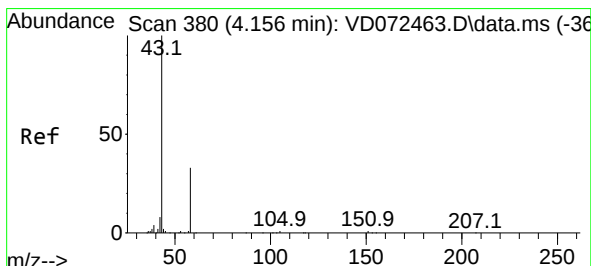
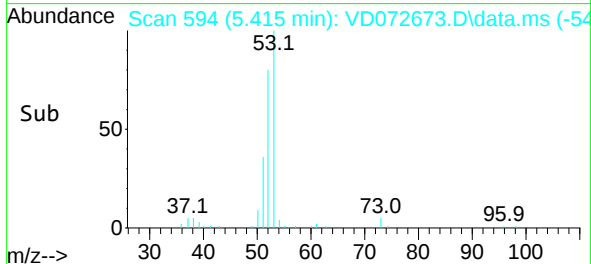
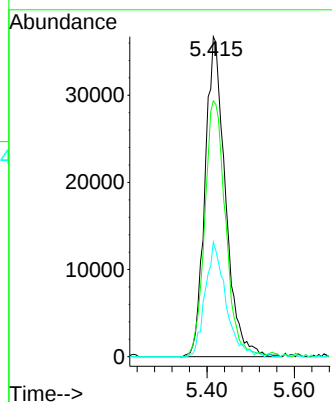
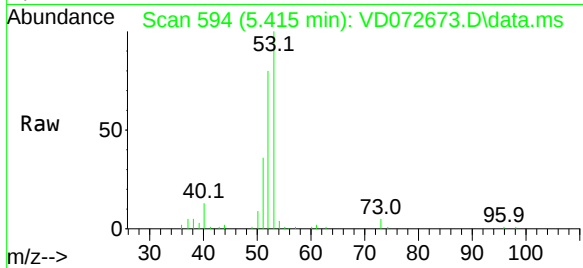




#15
Acrylonitrile
Concen: 137.102 ug/l
RT: 5.415 min Scan# 596
Delta R.T. -0.012 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

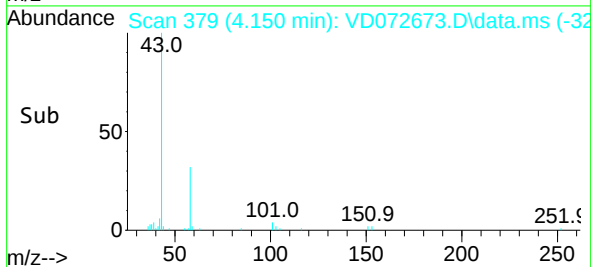
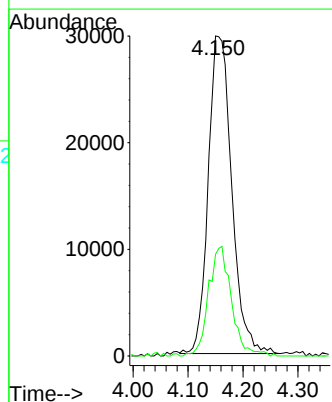
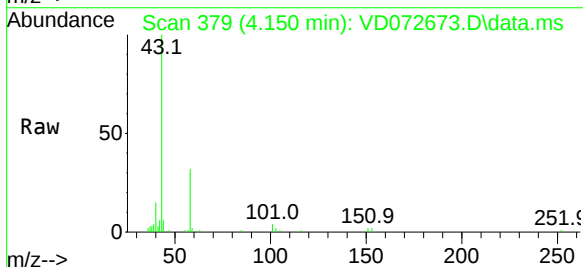
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

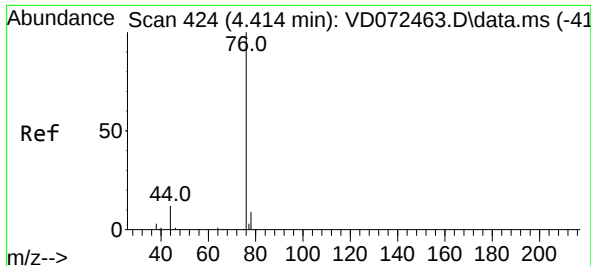
Tgt Ion: 53 Resp: 119158
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 36.0 30.3 45.5



#16
Acetone
Concen: 115.578 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 43 Resp: 88505
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1

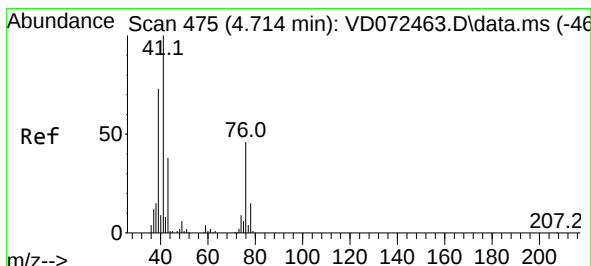
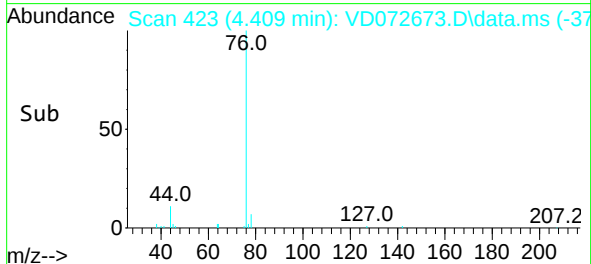
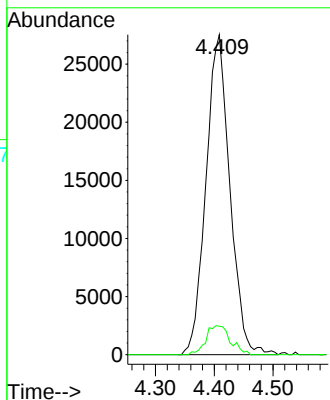
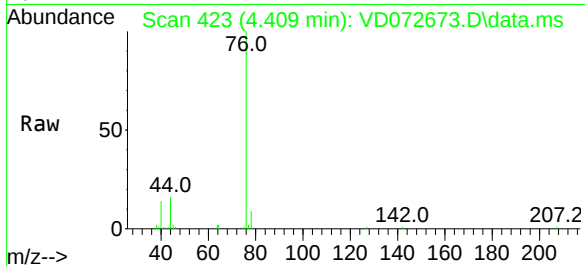




#17
Carbon Disulfide
Concen: 14.576 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

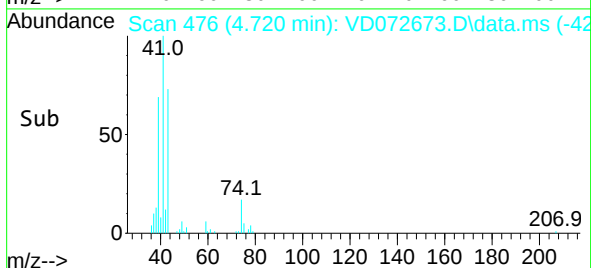
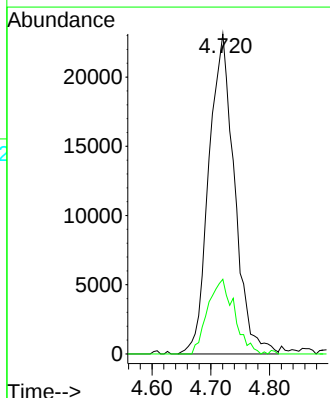
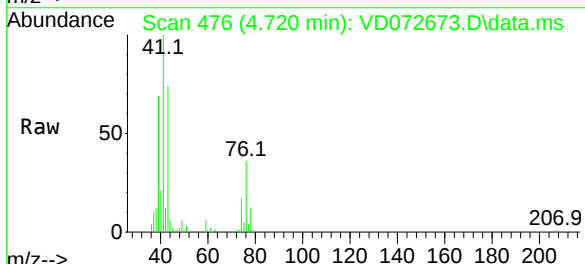
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

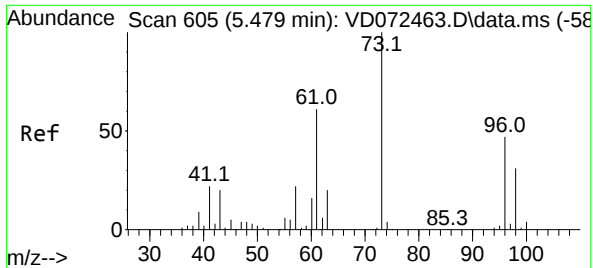
Tgt Ion: 76 Resp: 77962
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 32.491 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 43 Resp: 70094
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1

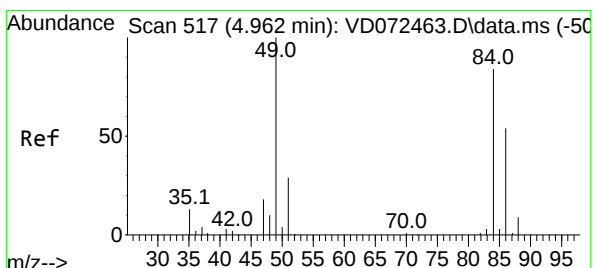
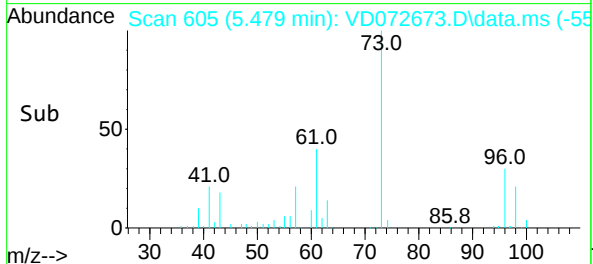
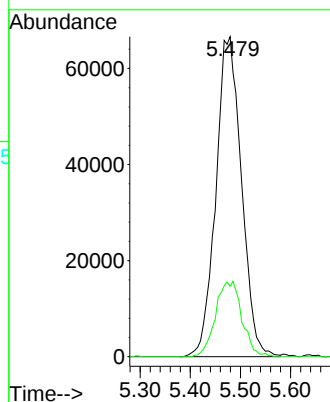
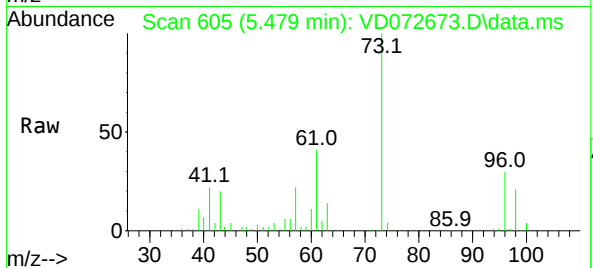




#19
Methyl tert-butyl Ether
Concen: 26.527 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

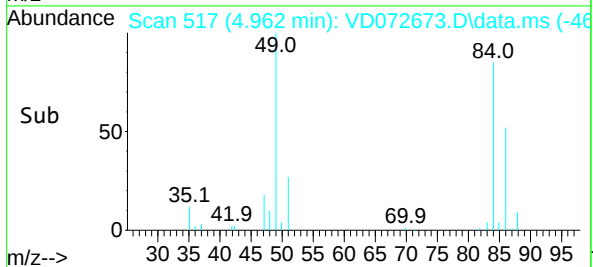
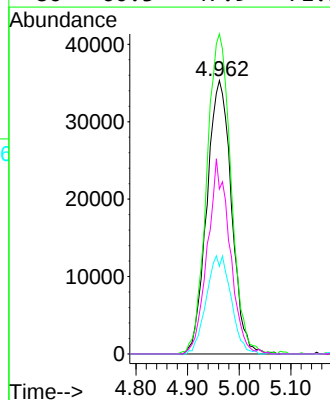
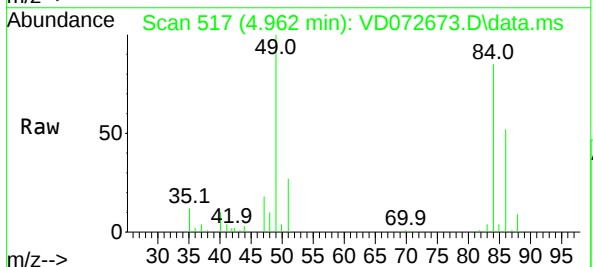
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

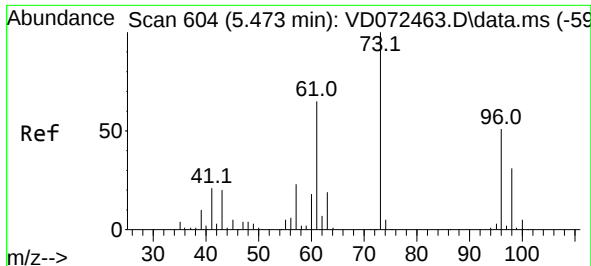
Tgt Ion: 73 Resp: 236082
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 25.707 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 84 Resp: 117191
Ion Ratio Lower Upper
84 100
49 116.6 112.8 169.2
51 32.1 32.6 48.8#
86 60.3 47.9 71.9

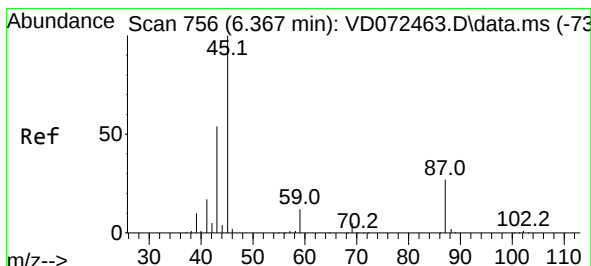
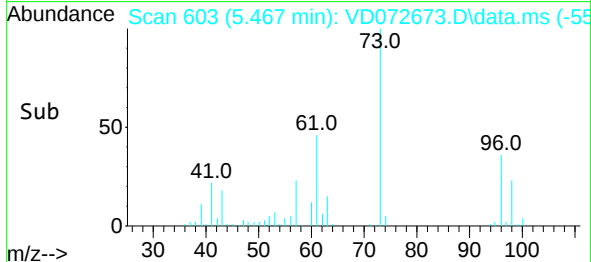
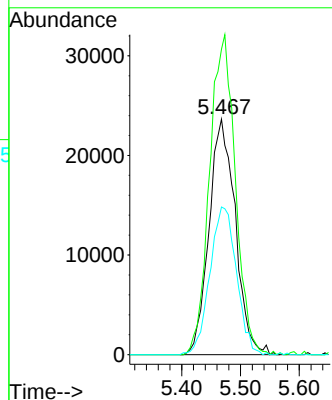
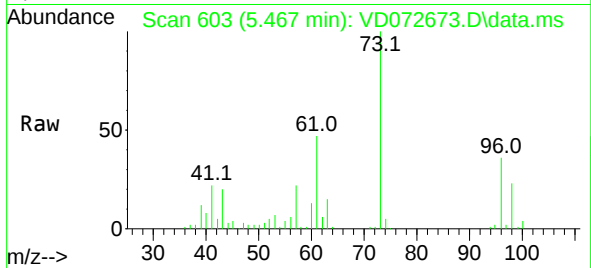




#21
trans-1,2-Dichloroethene
Concen: 20.155 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

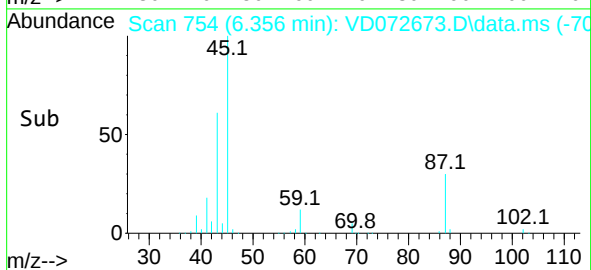
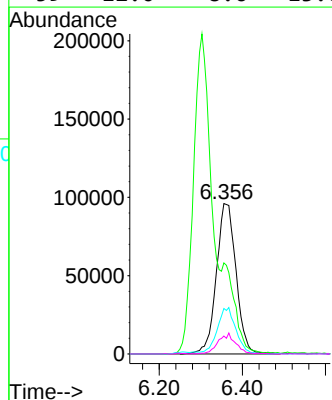
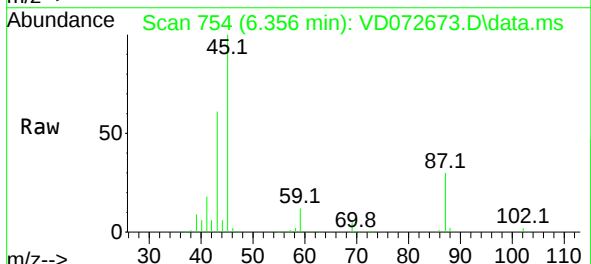
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

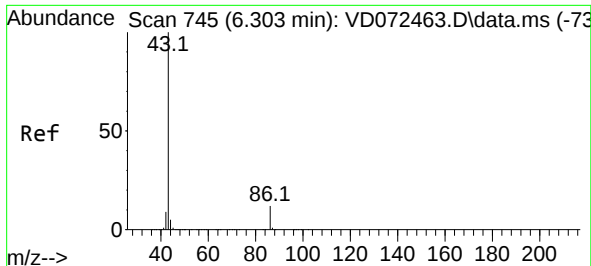
Tgt Ion: 96 Resp: 73309
Ion Ratio Lower Upper
96 100
61 129.7 117.9 176.9
98 62.7 49.4 74.2



#22
Diisopropyl ether
Concen: 25.778 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 45 Resp: 315805
Ion Ratio Lower Upper
45 100
43 60.1 46.6 70.0
87 30.0 18.4 27.6#
59 12.0 8.6 13.0

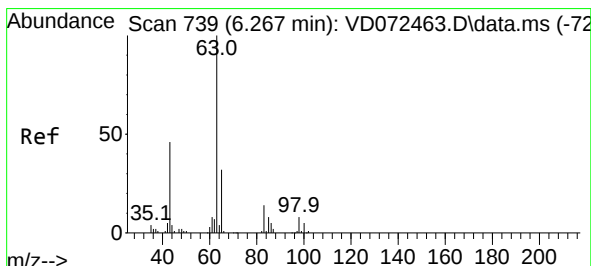
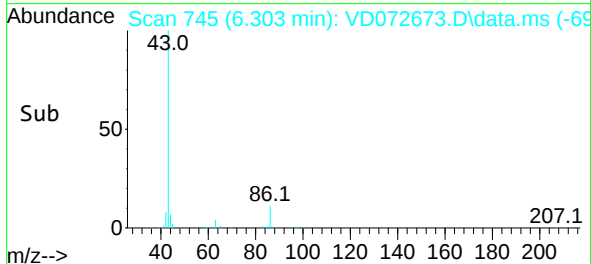
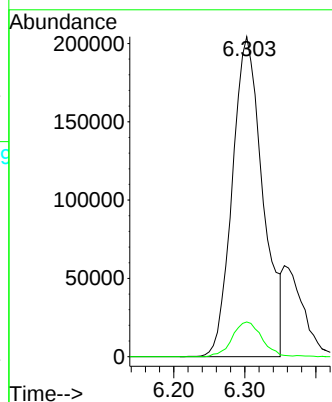
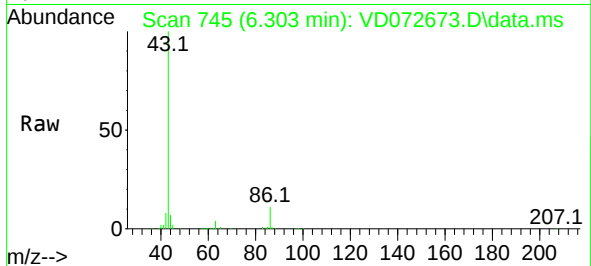




#23
 Vinyl Acetate
 Concen: 96.777 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

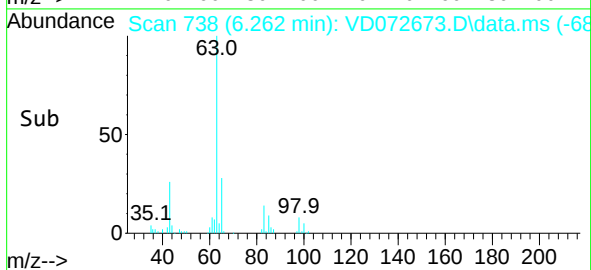
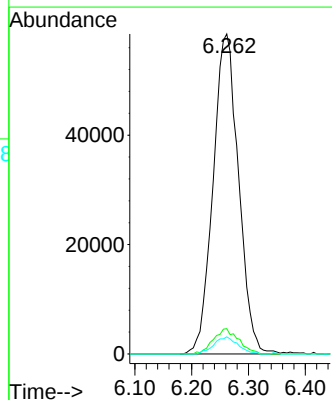
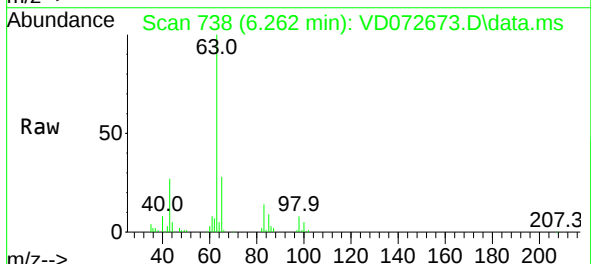
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBSD01

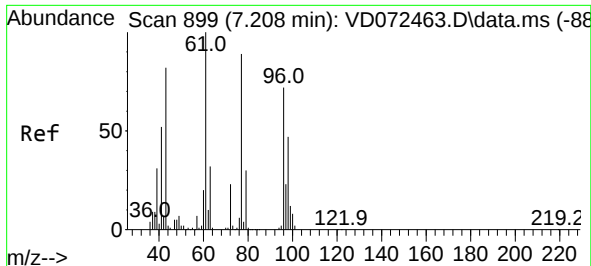
Tgt Ion: 43 Resp: 611631
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 24.700 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

Tgt Ion: 63 Resp: 182341
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 5.4 2.1 6.5

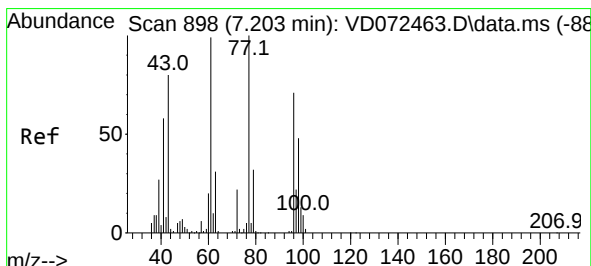
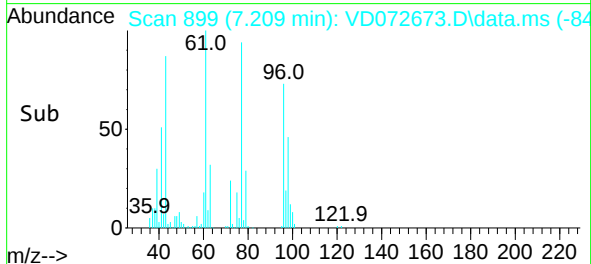
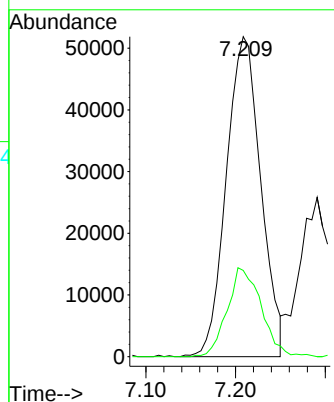
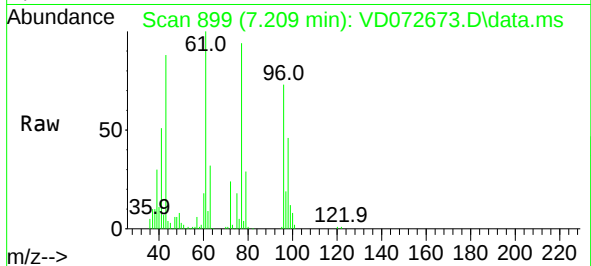




#25
2-Butanone
Concen: 130.641 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

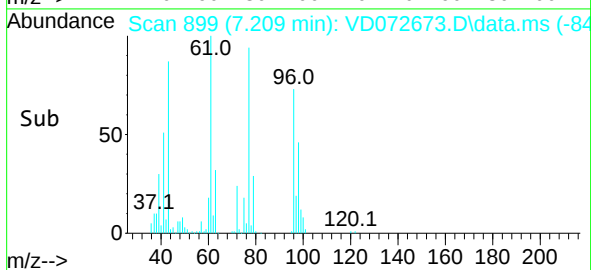
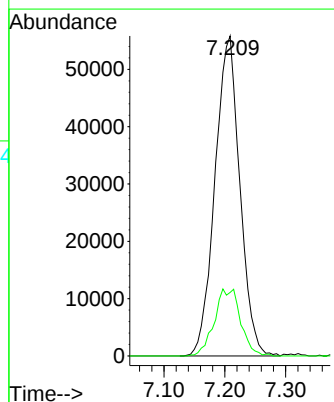
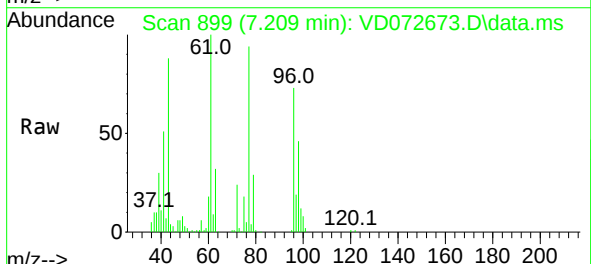
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

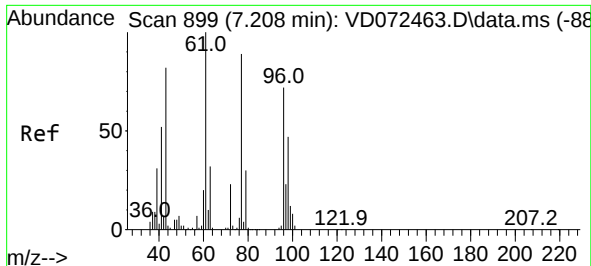
Tgt Ion: 43 Resp: 138358
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 24.163 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 77 Resp: 158435
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4

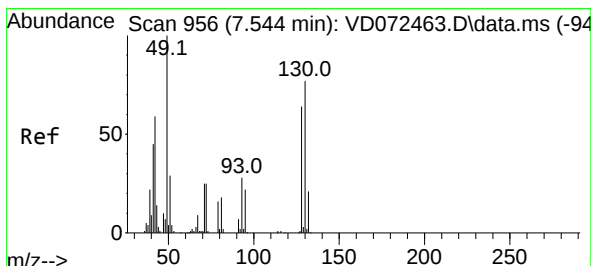
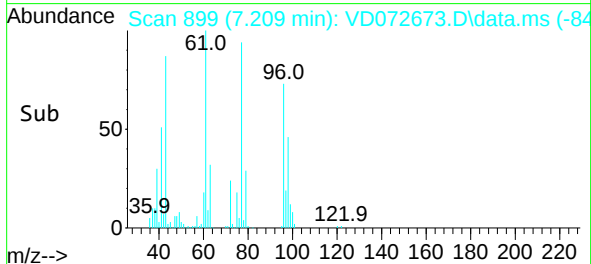
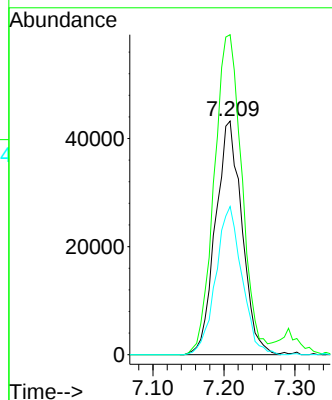
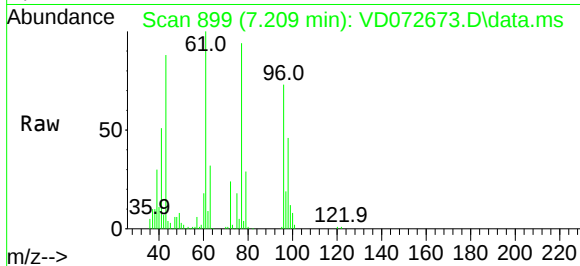




#27
 cis-1,2-Dichloroethene
 Concen: 24.158 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

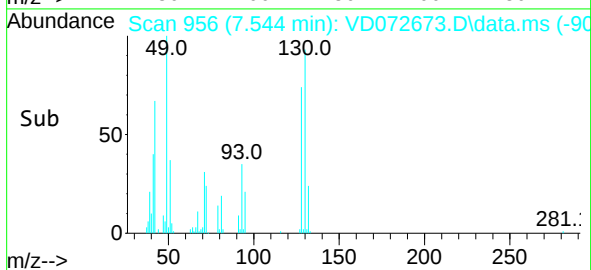
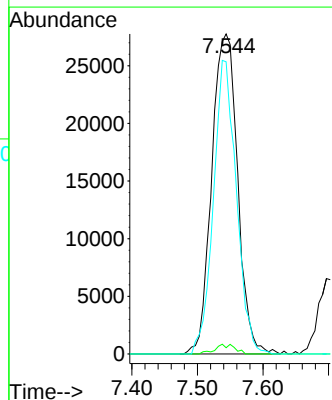
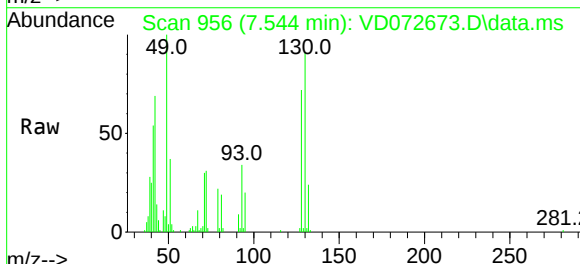
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBSD01

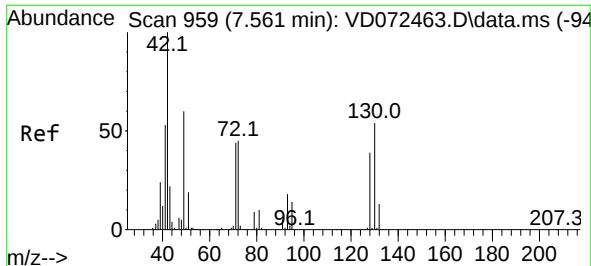
Tgt Ion: 96 Resp: 111842
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 313.8
 98 62.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 24.040 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

Tgt Ion: 49 Resp: 76039
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 81.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 131.001 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

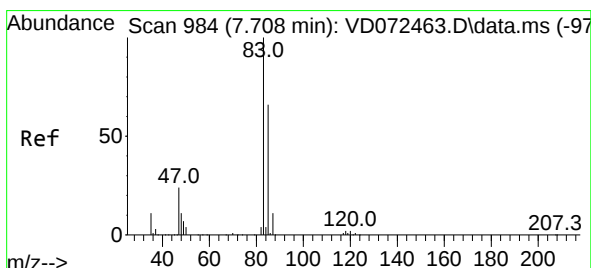
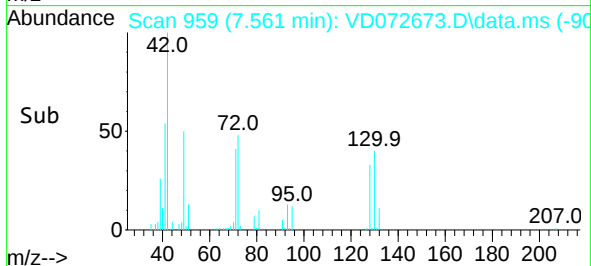
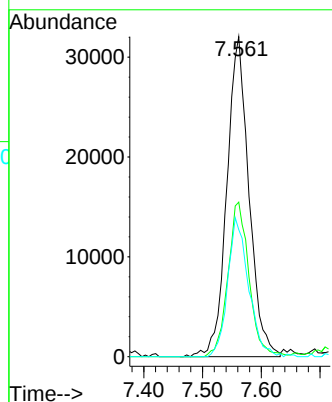
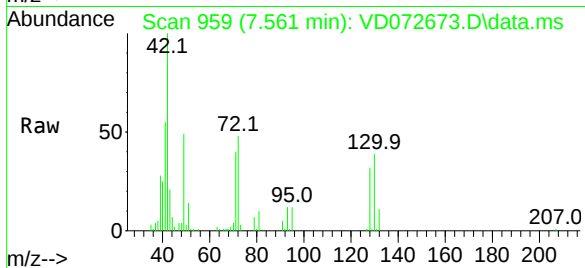
Tgt Ion: 42 Resp: 83763

Ion Ratio Lower Upper

42 100

72 46.1 30.7 46.1#

71 40.9 28.6 43.0



#30

Chloroform

Concen: 26.010 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072673.D

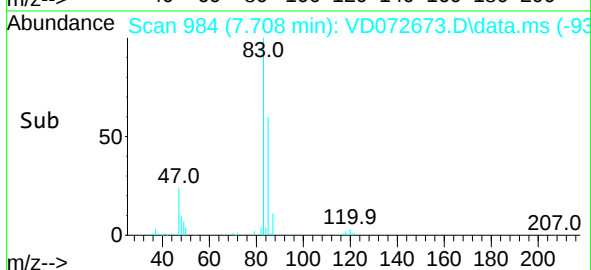
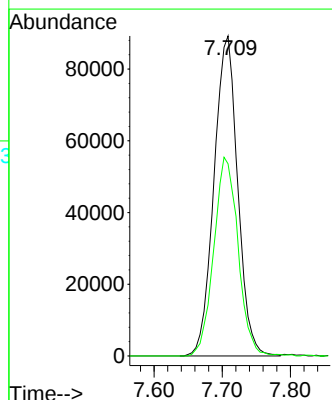
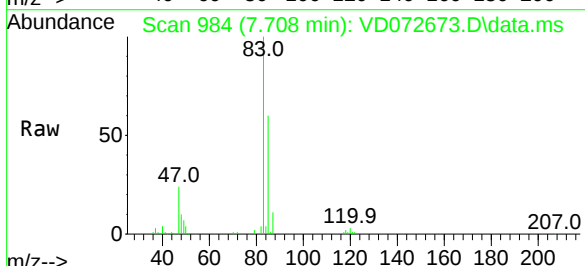
Acq: 21 Apr 2022 16:17

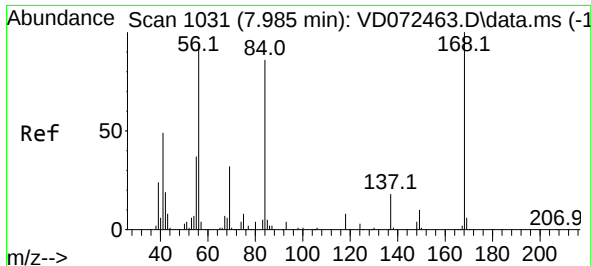
Tgt Ion: 83 Resp: 215990

Ion Ratio Lower Upper

83 100

85 60.0 52.7 79.1

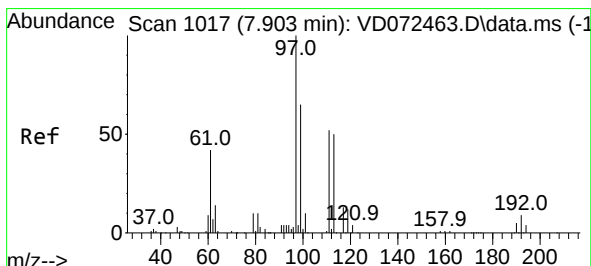
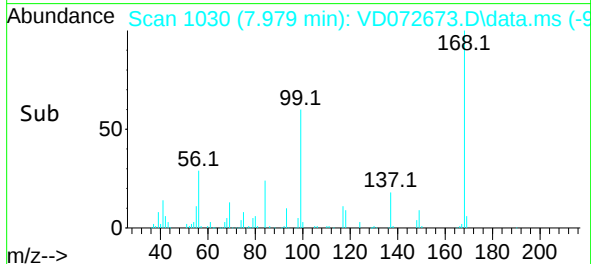
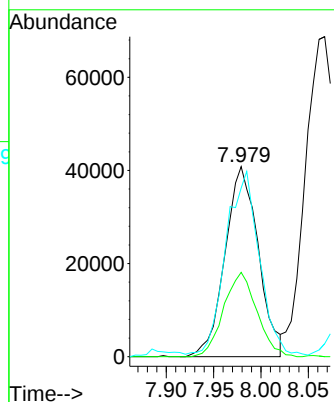
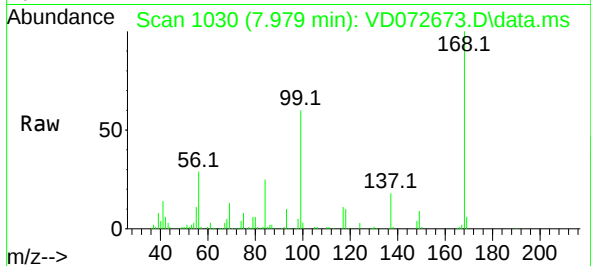




#31
Cyclohexane
Concen: 18.589 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

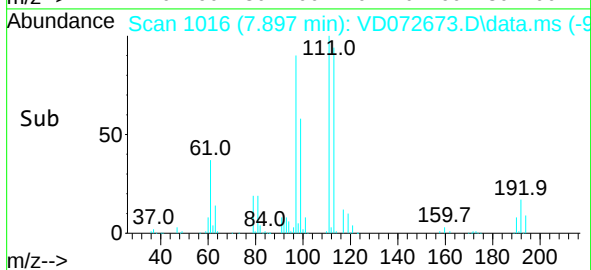
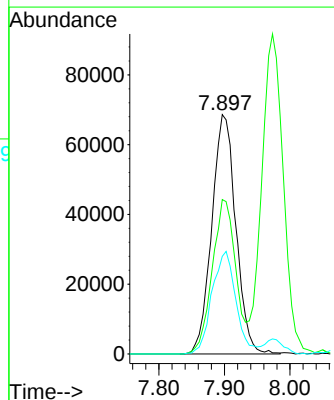
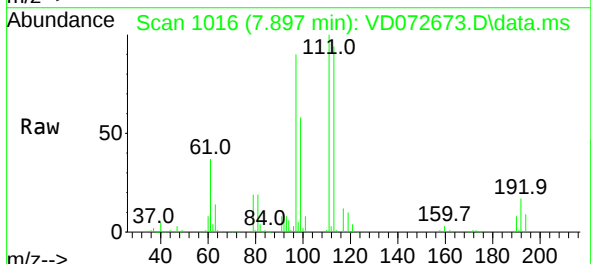
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

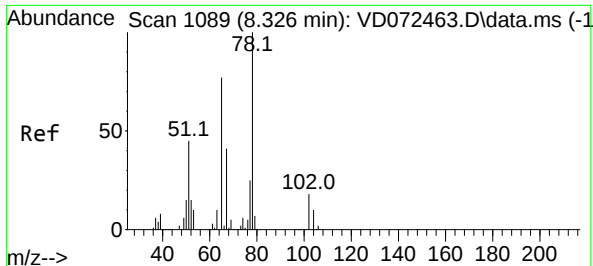
Tgt Ion: 56 Resp: 99817
Ion Ratio Lower Upper
56 100
69 44.4 25.4 38.2#
84 86.5 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 24.789 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 97 Resp: 174595
Ion Ratio Lower Upper
97 100
99 62.6 52.4 78.6
61 42.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 56.548 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

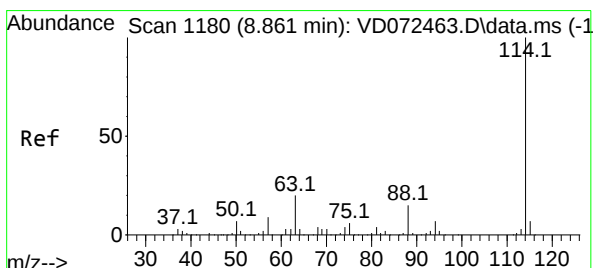
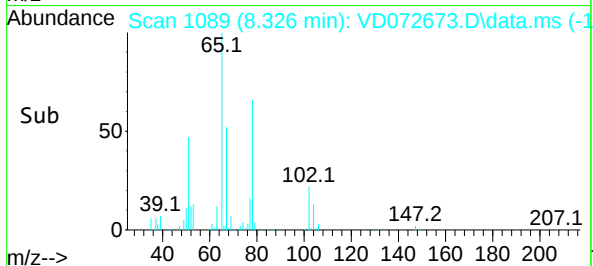
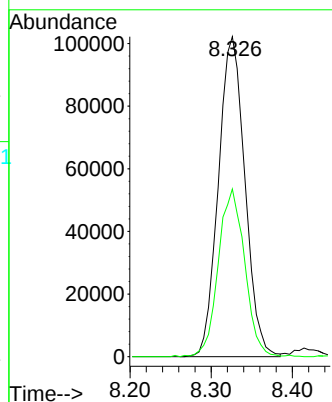
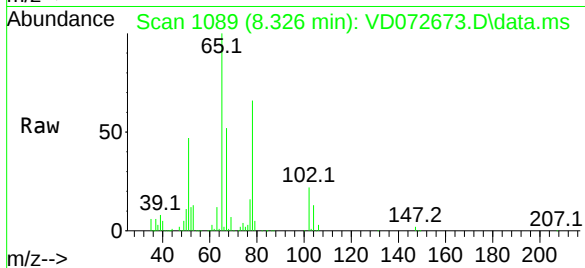
VD0421SBS01

Tgt Ion: 65 Resp: 232225

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

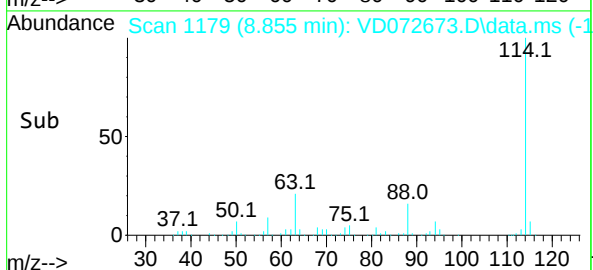
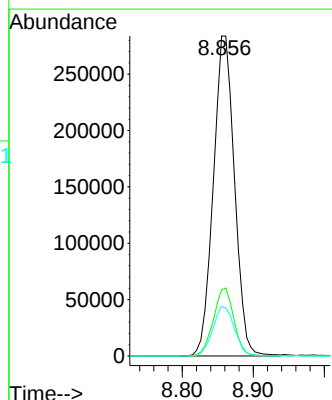
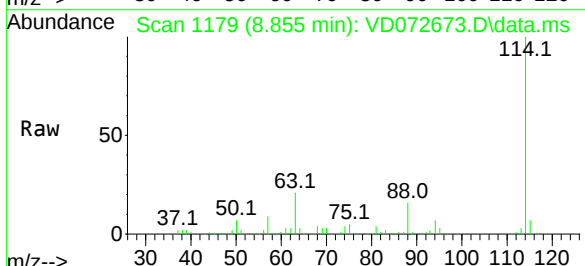
Tgt Ion: 114 Resp: 587932

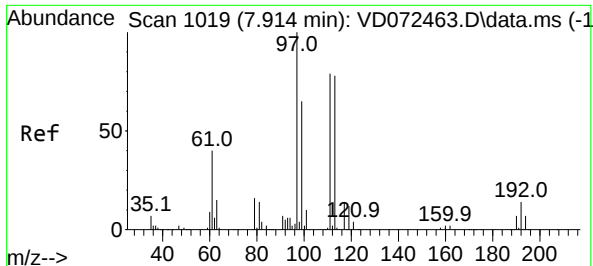
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.816 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072673.D

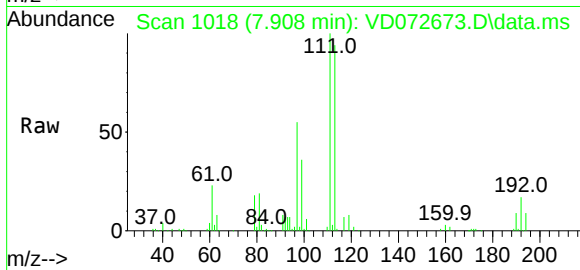
Acq: 21 Apr 2022 16:17

Instrument :

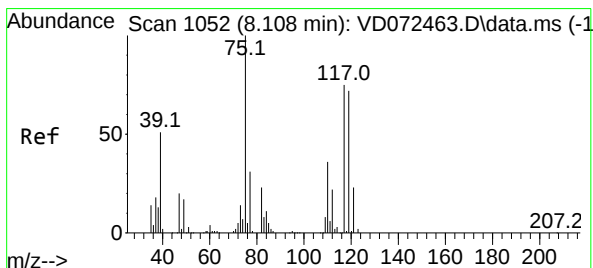
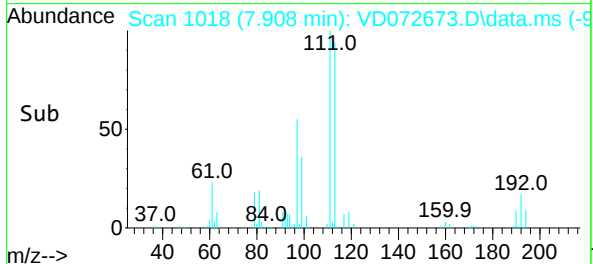
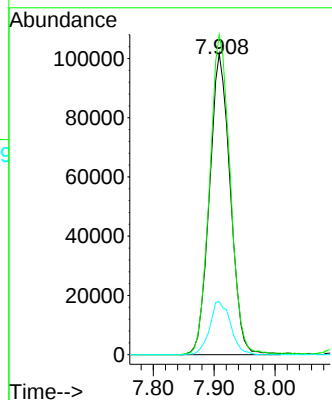
MSVOA_D

ClientSampleId :

VD0421SBSD01



Tgt Ion:	113	Resp:	241318
Ion	Ratio	Lower	Upper
113	100		
111	106.0	83.8	125.6
192	17.9	14.6	21.8



#36

1,1-Dichloropropene

Concen: 19.390 ug/l

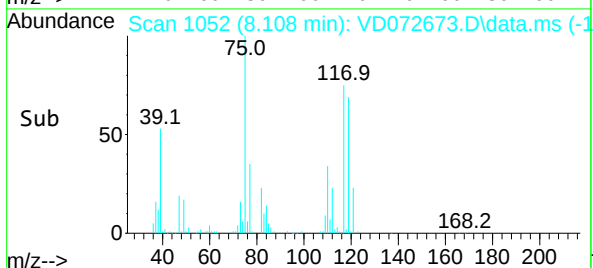
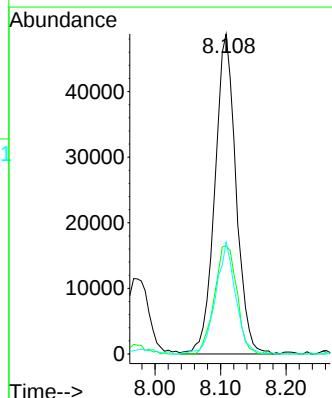
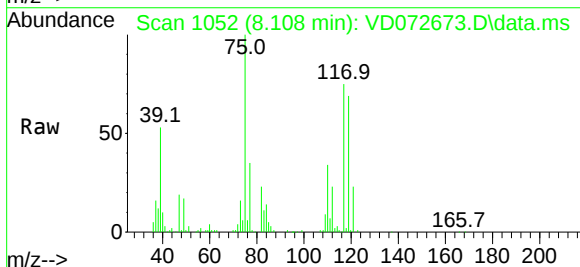
RT: 8.108 min Scan# 1052

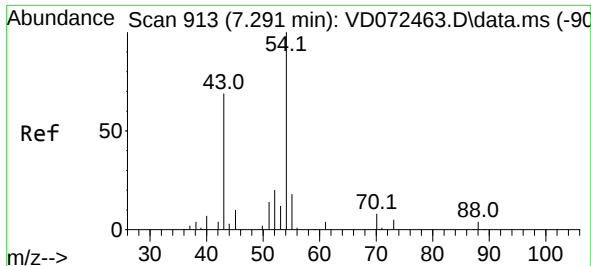
Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Tgt Ion:	75	Resp:	109107
Ion	Ratio	Lower	Upper
75	100		
110	35.8	16.4	49.1
77	33.0	24.2	36.2





#37

Ethyl Acetate

Concen: 25.300 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

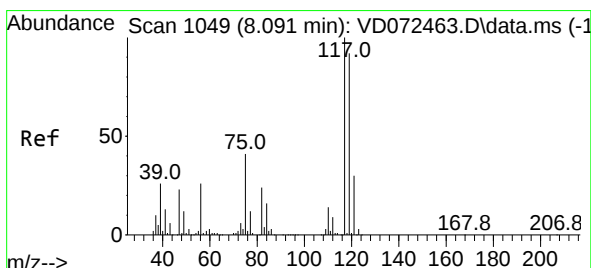
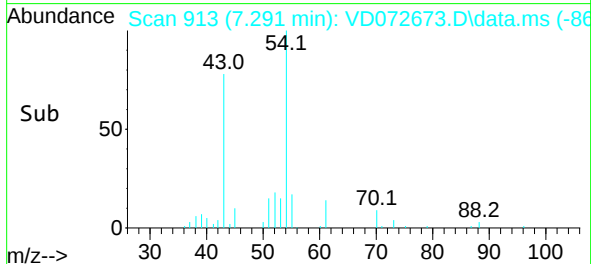
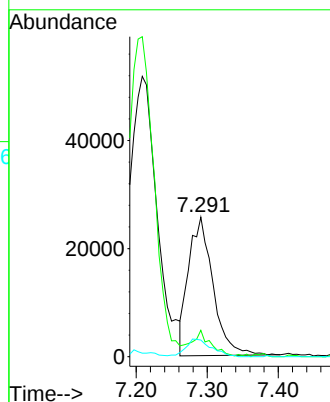
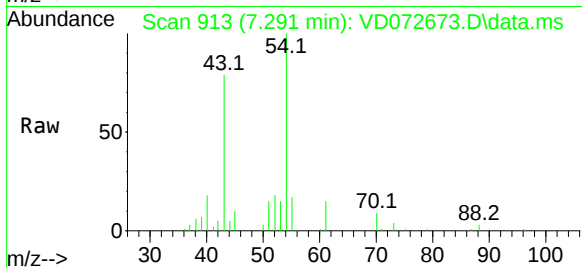
MSVOA_D

ClientSampleId :

VD0421SBSD01

Tgt Ion: 43 Resp: 61252

Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.8	14.8
70	13.3	6.9	10.3



#38

Carbon Tetrachloride

Concen: 22.137 ug/l

RT: 8.097 min Scan# 1050

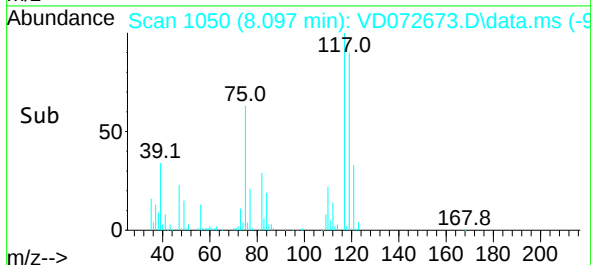
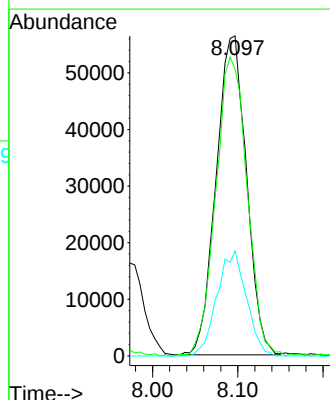
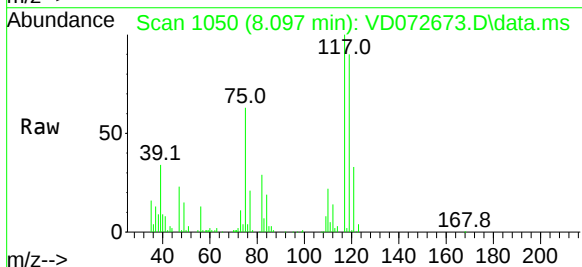
Delta R.T. 0.006 min

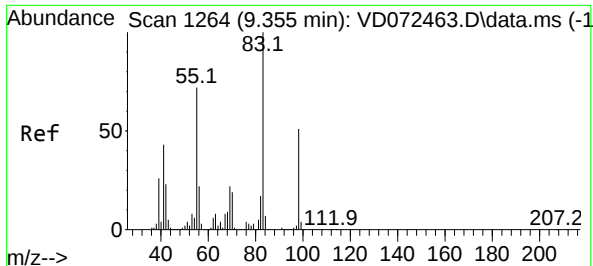
Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Tgt Ion: 117 Resp: 139344

Ion	Ratio	Lower	Upper
117	100		
119	89.5	75.8	113.6
121	32.9	24.5	36.7





#39

Methylcyclohexane

Concen: 19.083 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

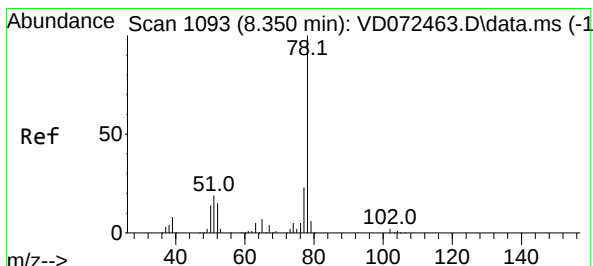
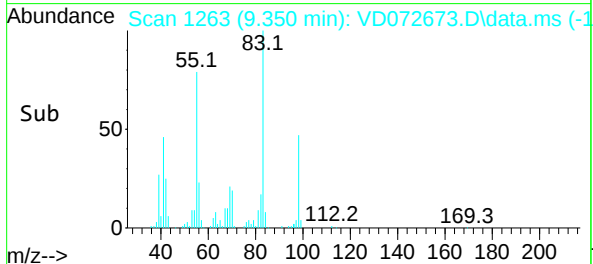
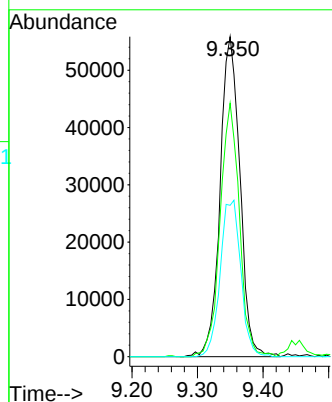
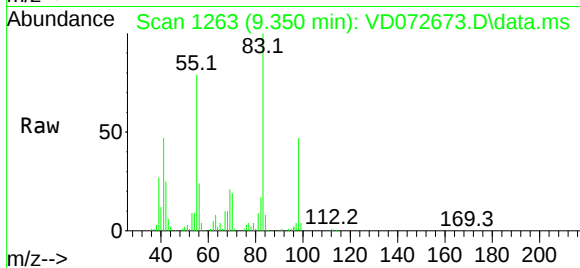
Tgt Ion: 83 Resp: 116932

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

98 47.3 38.2 57.4



#40

Benzene

Concen: 22.370 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072673.D

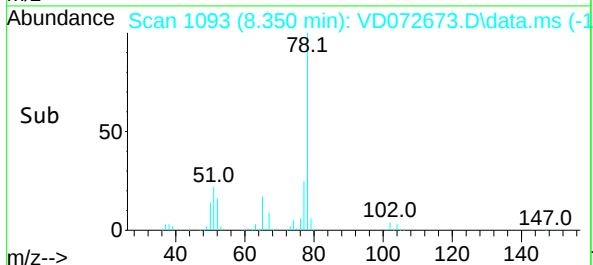
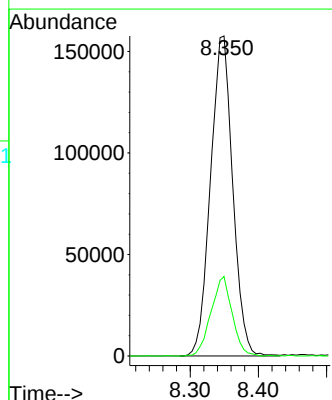
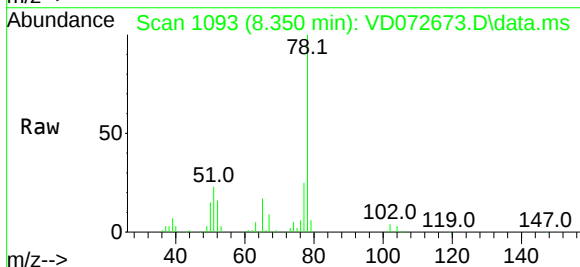
Acq: 21 Apr 2022 16:17

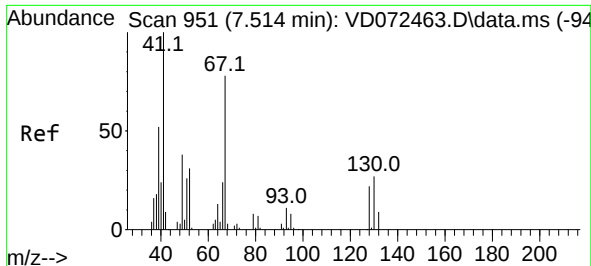
Tgt Ion: 78 Resp: 356950

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7

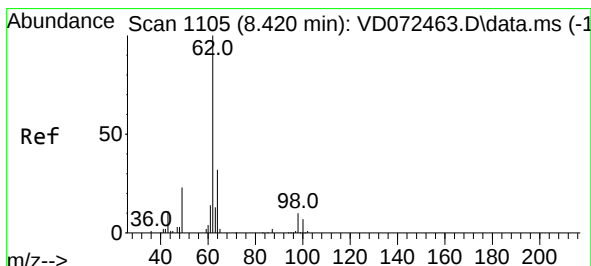
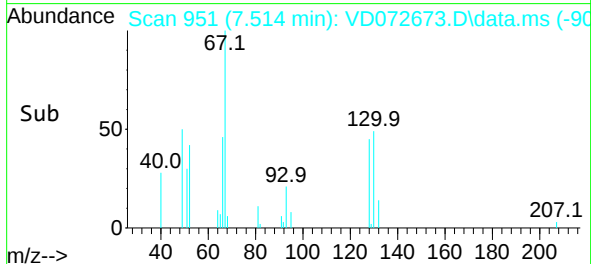
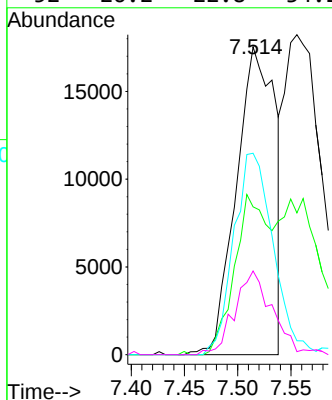
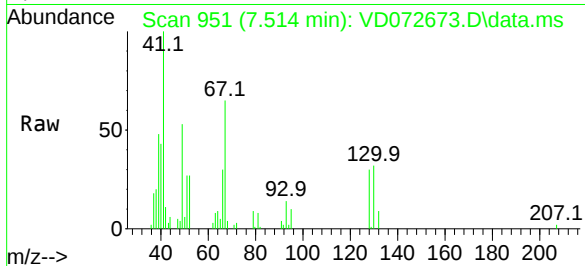




#41
Methacrylonitrile
Concen: 32.001 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

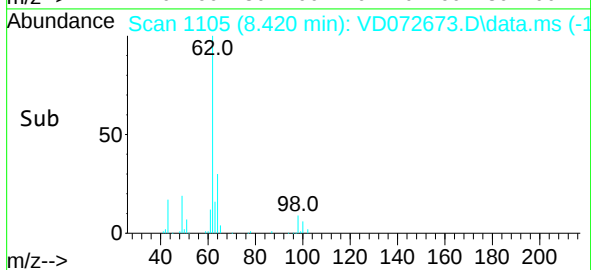
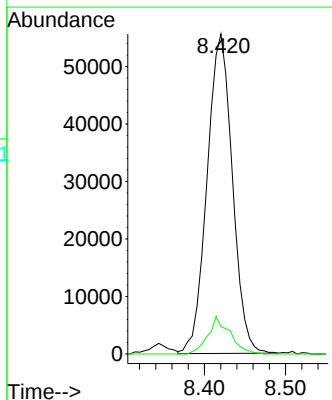
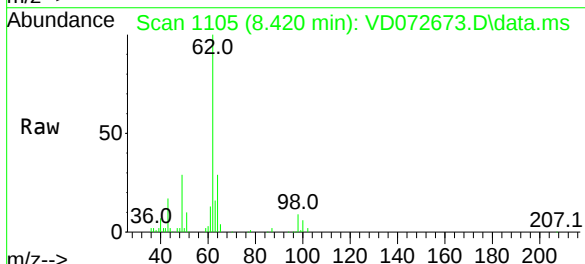
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

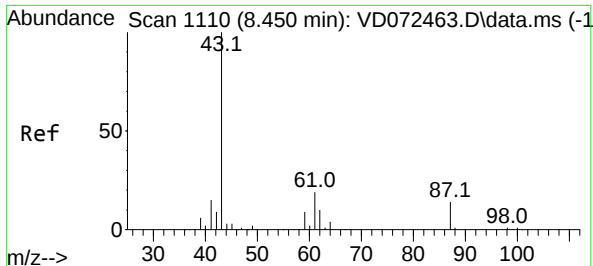
Tgt Ion:	41	Resp:	44404
Ion	Ratio	Lower	Upper
41	100		
39	45.8	44.6	67.0
67	66.3	48.2	72.4
52	26.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 24.691 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:	62	Resp:	120425
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.6

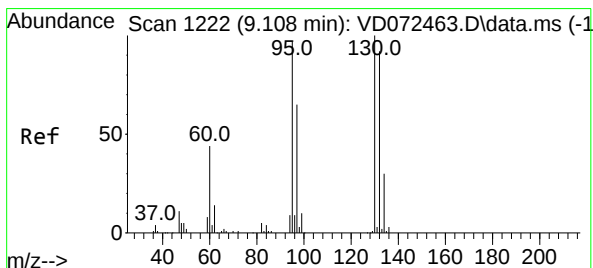
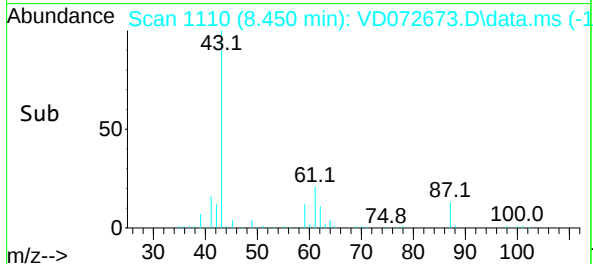
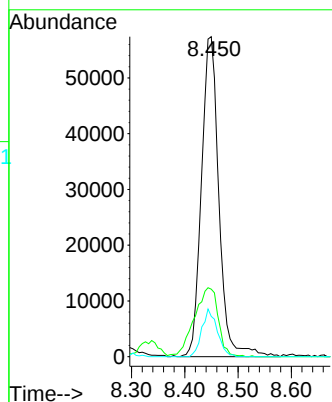
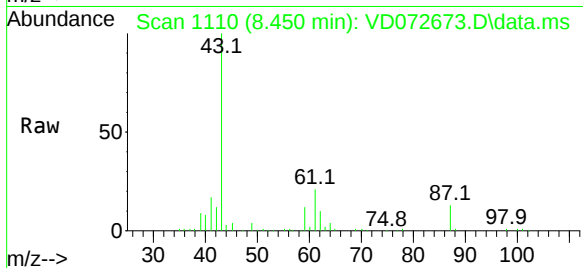




#43
Isopropyl Acetate
Concen: 28.142 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

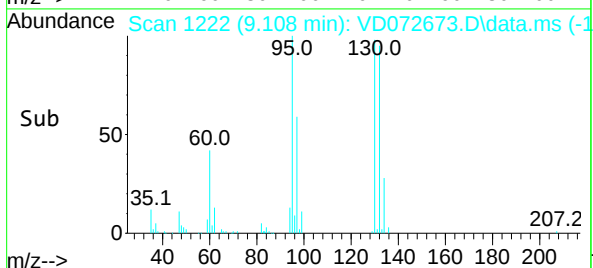
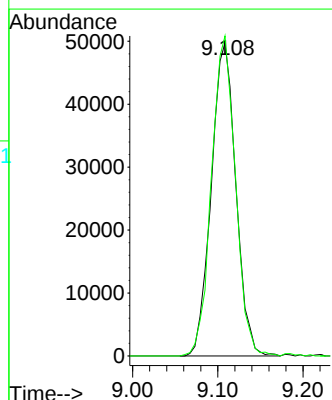
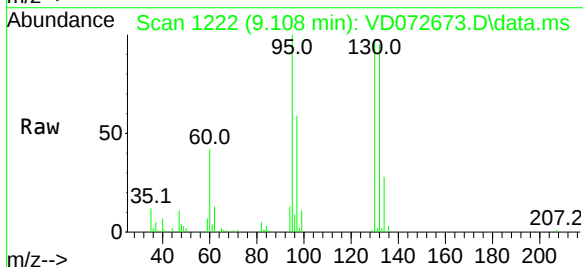
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

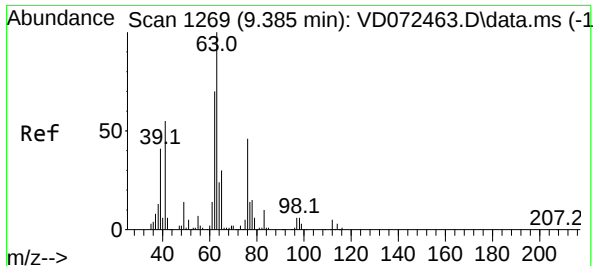
Tgt Ion: 43 Resp: 130688
Ion Ratio Lower Upper
43 100
61 29.6 22.4 33.6
87 13.1 8.7 13.1#



#44
Trichloroethene
Concen: 22.004 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:130 Resp: 99683
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 24.922 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

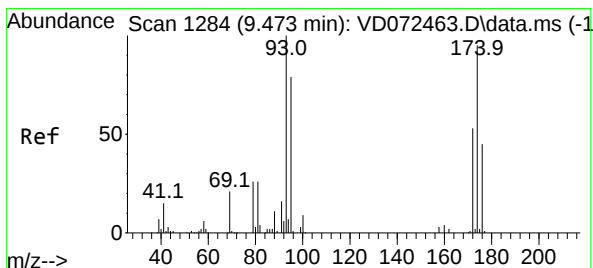
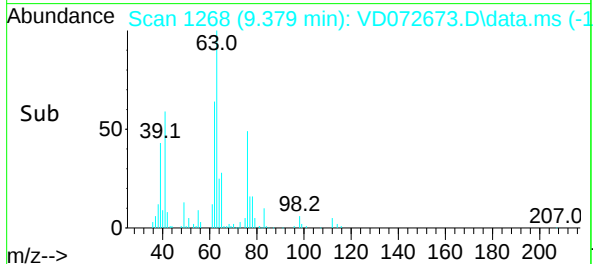
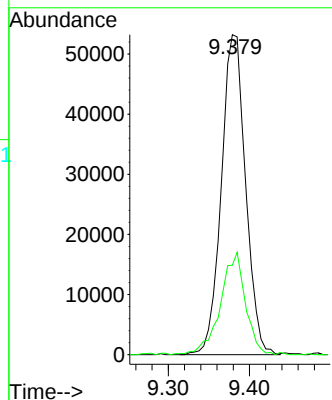
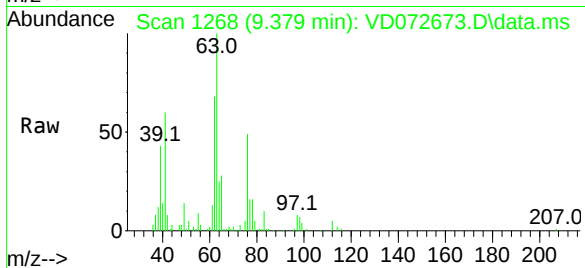
VD0421SBS01

Tgt Ion: 63 Resp: 110623

Ion Ratio Lower Upper

63 100

65 27.6 26.2 39.4



#46

Dibromomethane

Concen: 24.446 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

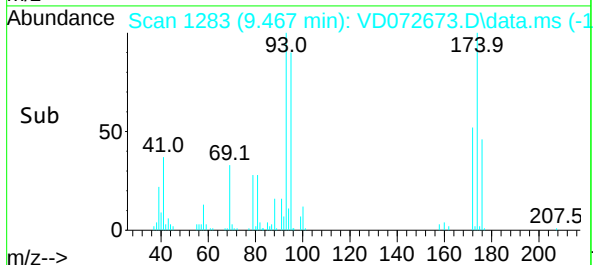
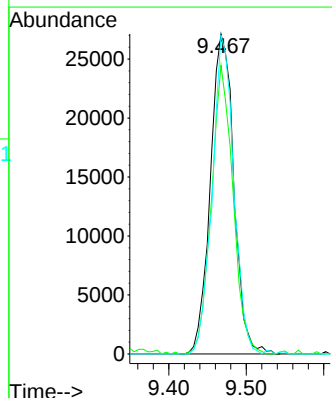
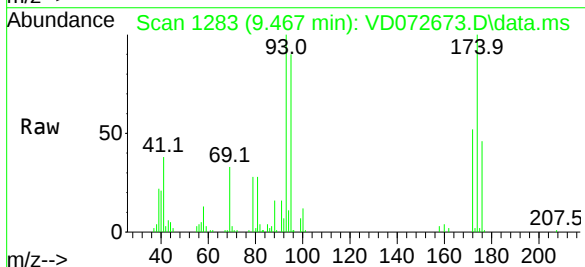
Tgt Ion: 93 Resp: 56931

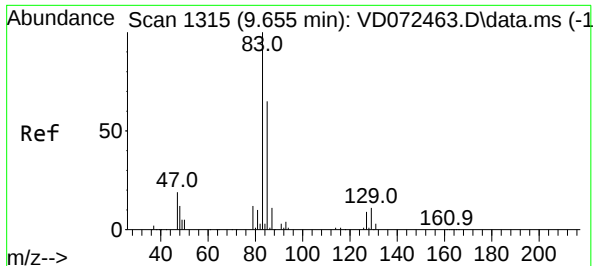
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 91.6 71.6 107.4





#47

Bromodichloromethane

Concen: 25.670 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

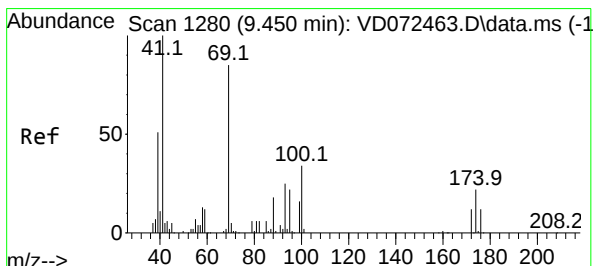
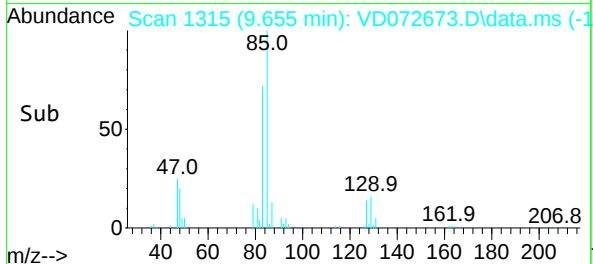
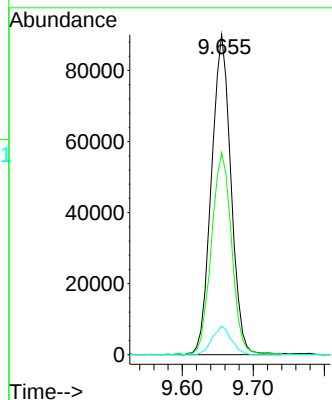
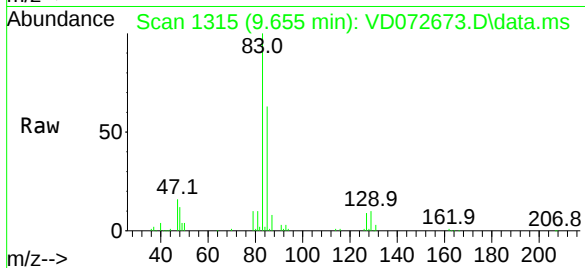
Tgt Ion: 83 Resp: 171747

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

127 8.9 6.1 9.1



#48

Methyl methacrylate

Concen: 26.566 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

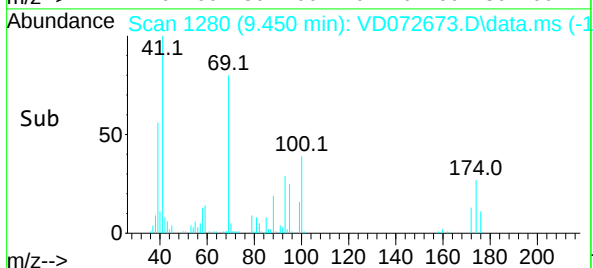
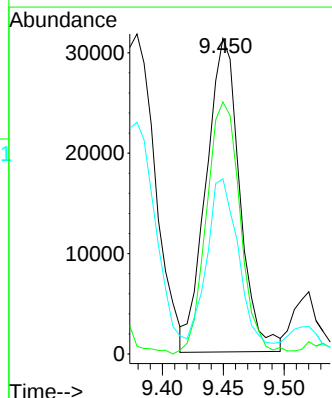
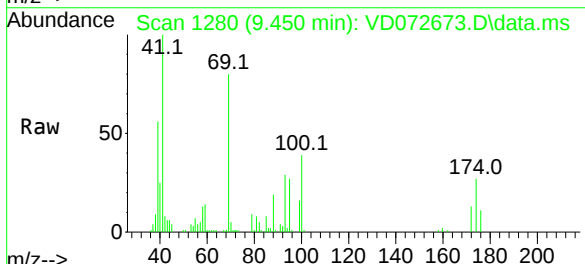
Tgt Ion: 41 Resp: 59895

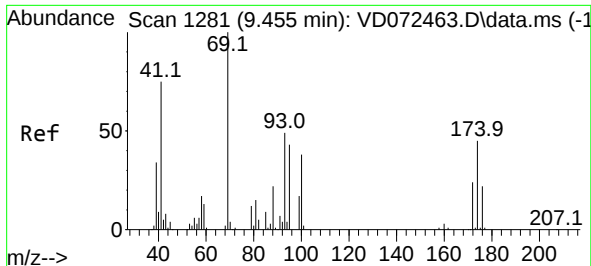
Ion Ratio Lower Upper

41 100

69 80.8 56.7 85.1

39 54.8 42.7 64.1





#49

1,4-Dioxane

Concen: 516.123 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072673.D

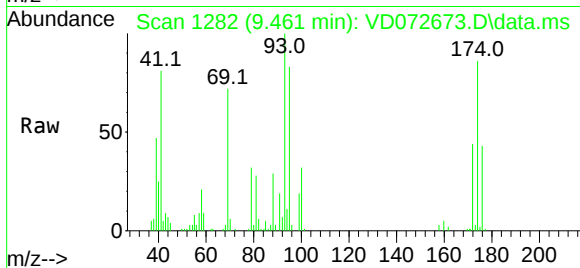
Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01



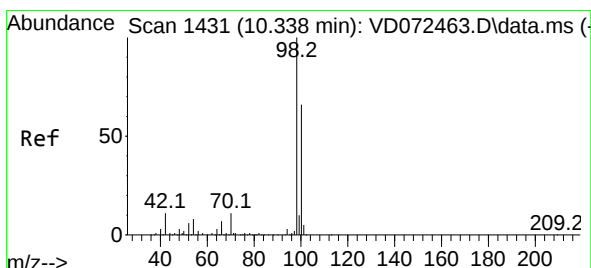
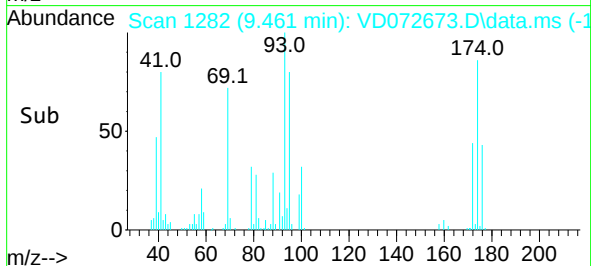
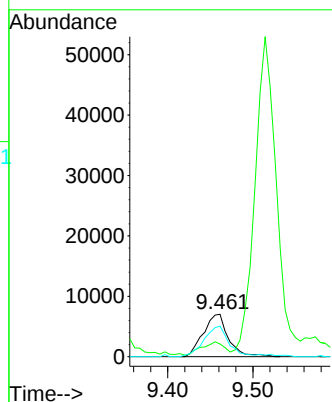
Tgt Ion: 88 Resp: 14298

Ion Ratio Lower Upper

88 100

43 28.0 31.0 46.4#

58 71.4 58.1 87.1



#50

Toluene-d8

Concen: 51.611 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072673.D

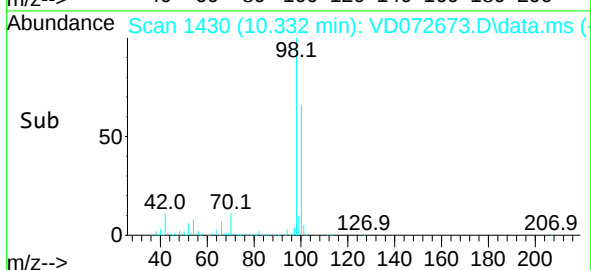
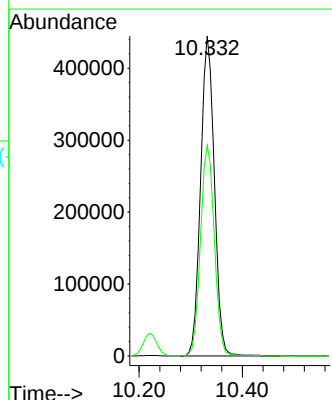
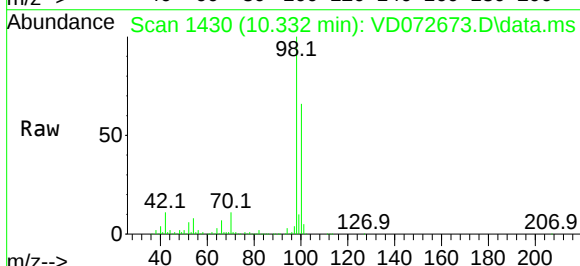
Acq: 21 Apr 2022 16:17

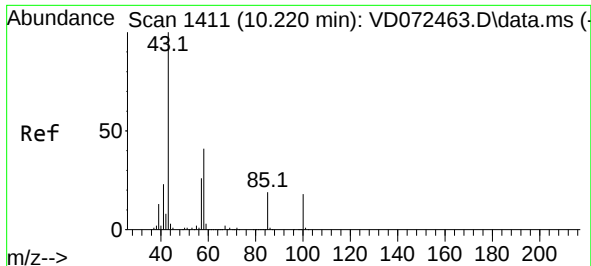
Tgt Ion: 98 Resp: 819698

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

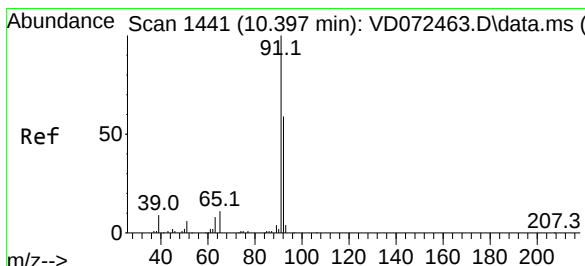
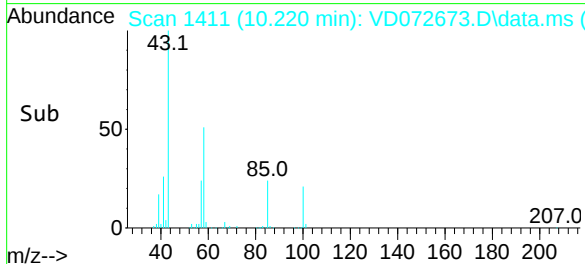
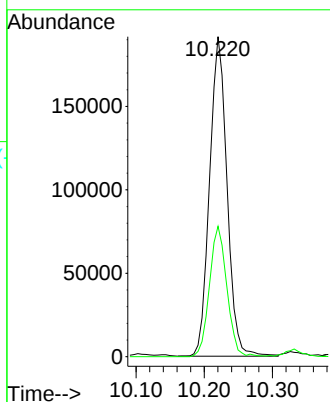
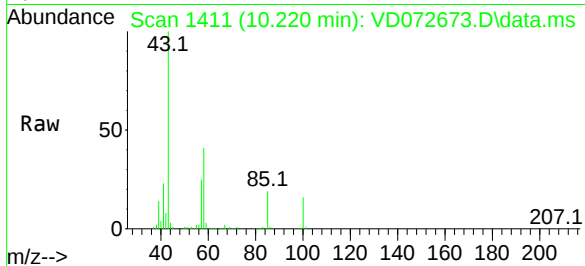




#51
4-Methyl-2-Pentanone
Concen: 137.143 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

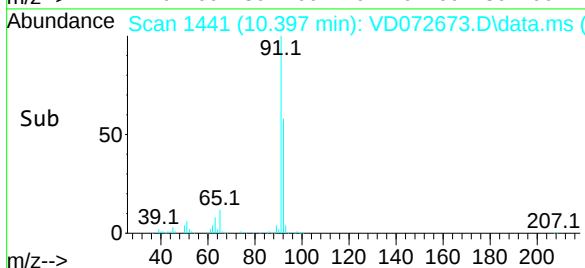
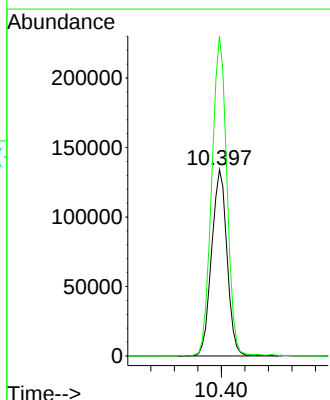
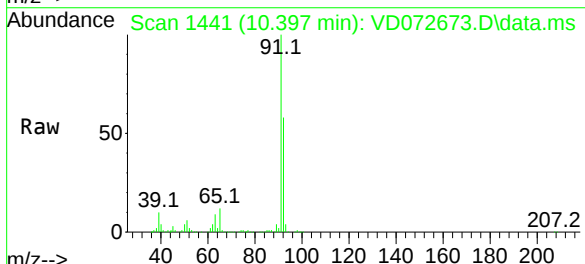
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

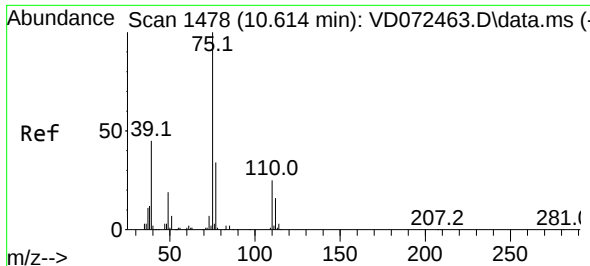
Tgt Ion: 43 Resp: 341738
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0



#52
Toluene
Concen: 23.055 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 92 Resp: 244400
Ion Ratio Lower Upper
92 100
91 168.2 139.6 209.4

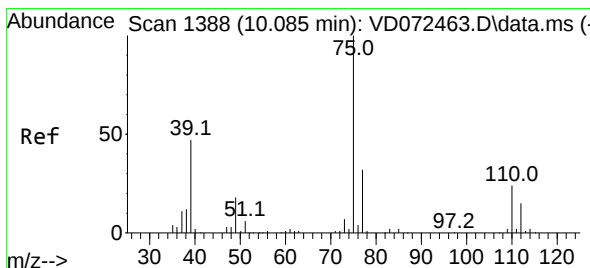
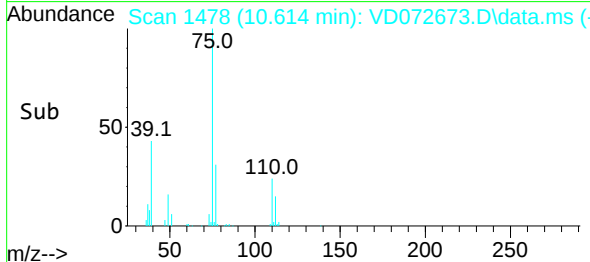
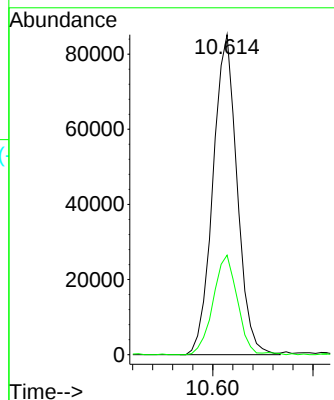
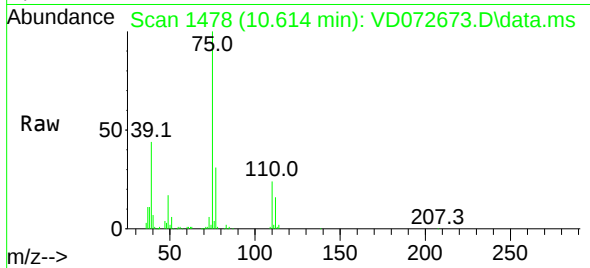




#53
 t-1,3-Dichloropropene
 Concen: 24.448 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

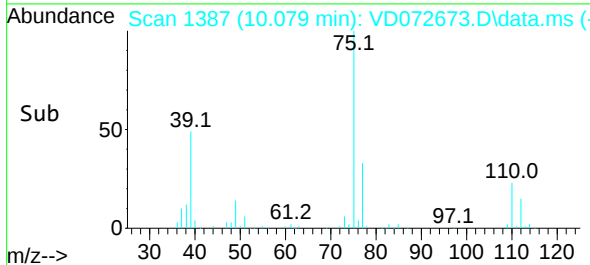
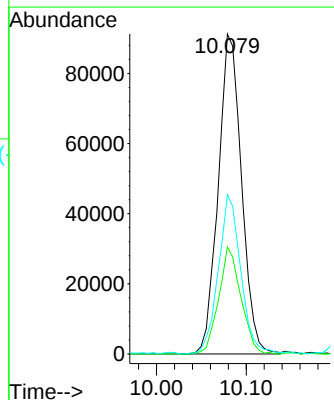
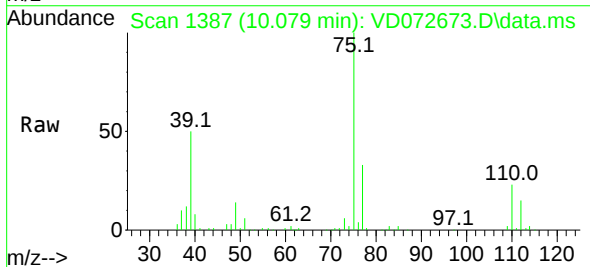
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBSD01

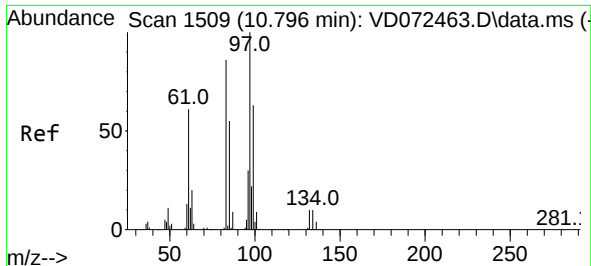
Tgt Ion: 75 Resp: 142534
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 23.871 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.006 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

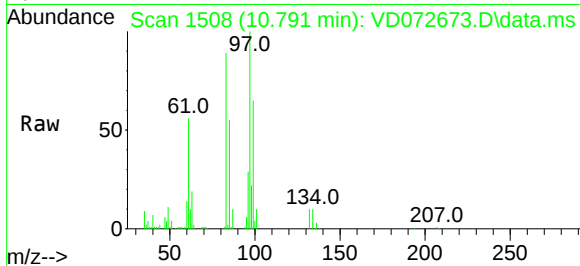
Tgt Ion: 75 Resp: 164543
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.8 37.2
 39 49.8 46.8 70.2



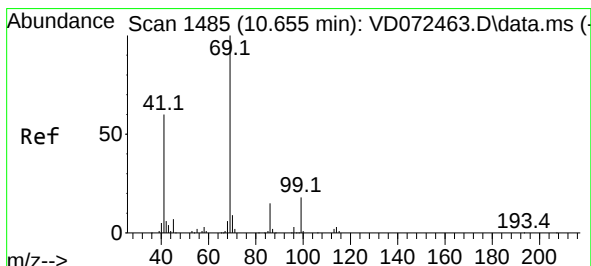
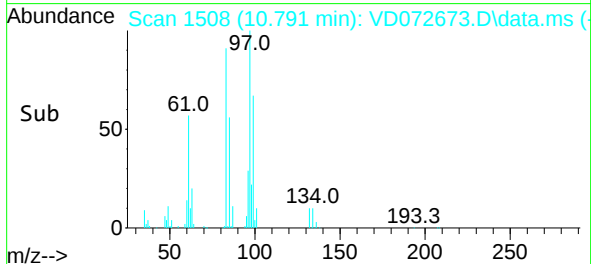
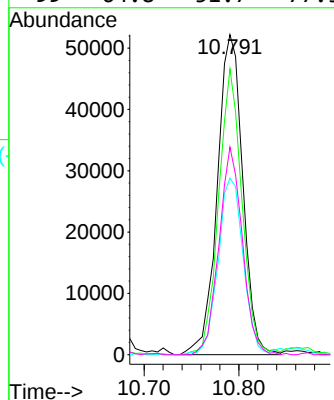


#55
1,1,2-Trichloroethane
Concen: 27.614 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

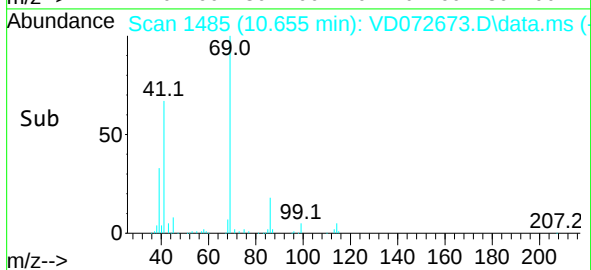
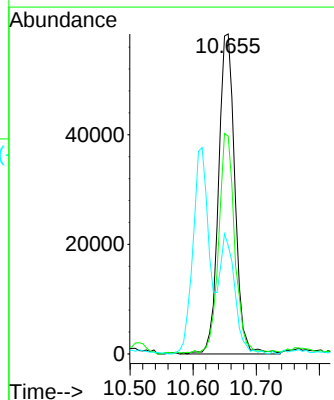
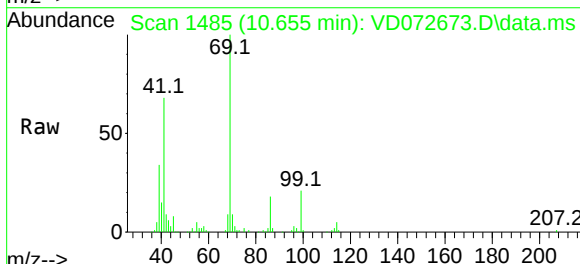


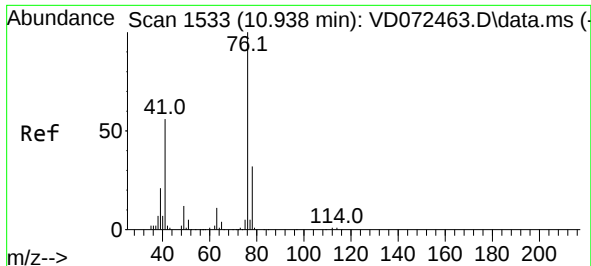
Tgt Ion:	97	Resp:	97493
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.0	103.4
85	55.2	42.6	63.8
99	64.8	51.7	77.5



#56
Ethyl methacrylate
Concen: 24.761 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:	69	Resp:	104818
Ion	Ratio	Lower	Upper
69	100		
41	66.8	63.0	94.6
39	32.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 25.605 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

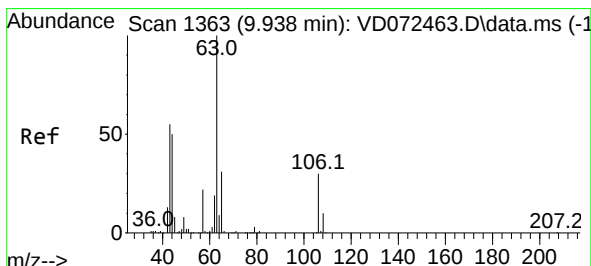
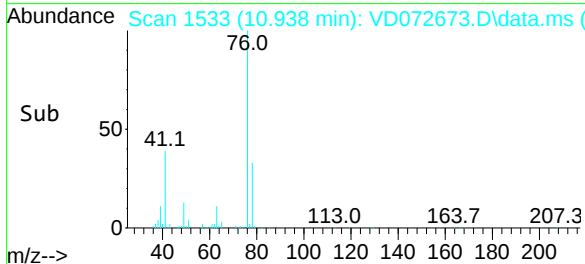
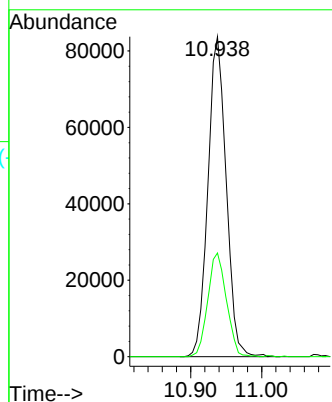
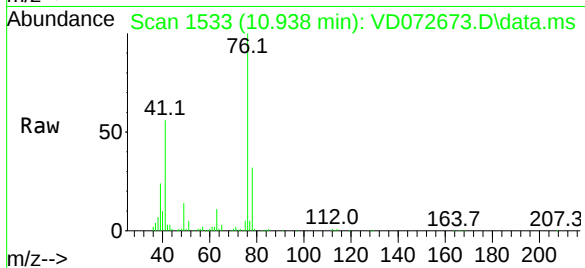
VD0421SBSD01

Tgt Ion: 76 Resp: 149452

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 126.195 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072673.D

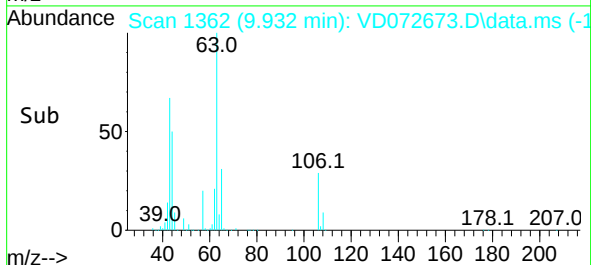
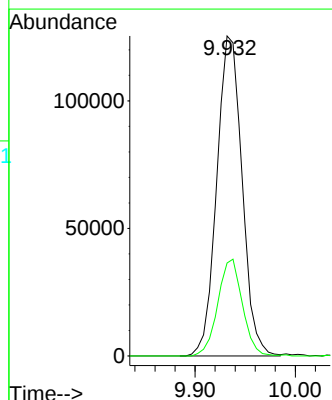
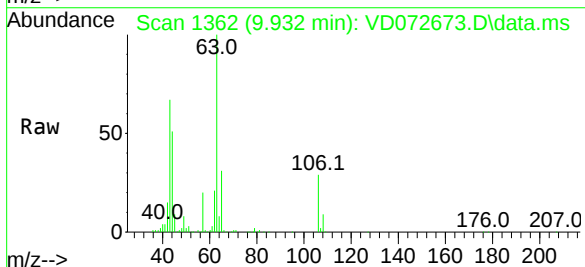
Acq: 21 Apr 2022 16:17

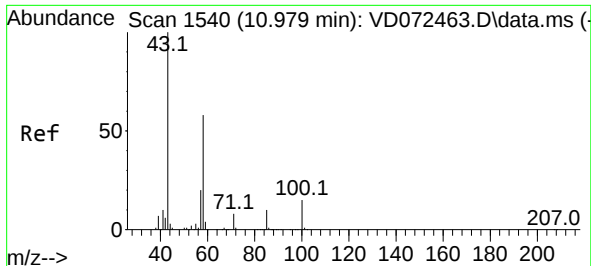
Tgt Ion: 63 Resp: 219966

Ion Ratio Lower Upper

63 100

106 29.4 21.4 32.0





#59

2-Hexanone

Concen: 138.175 ug/l

RT: 10.973 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

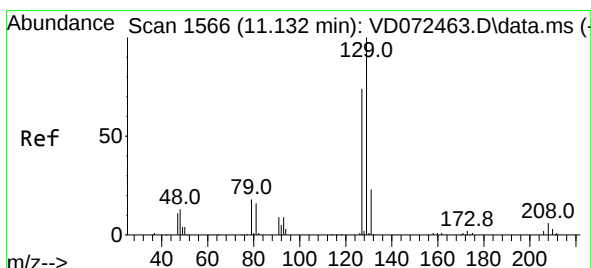
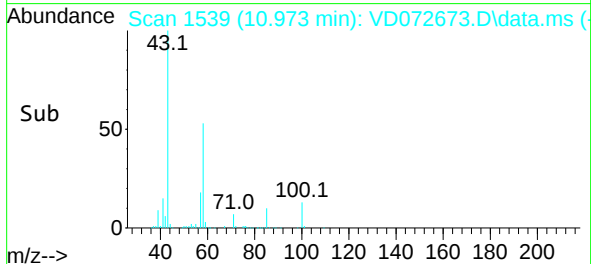
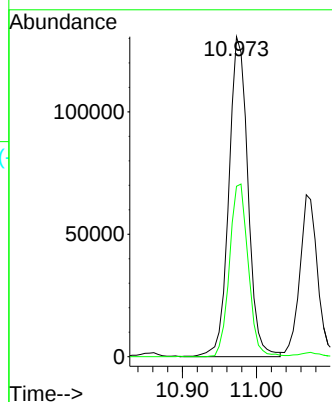
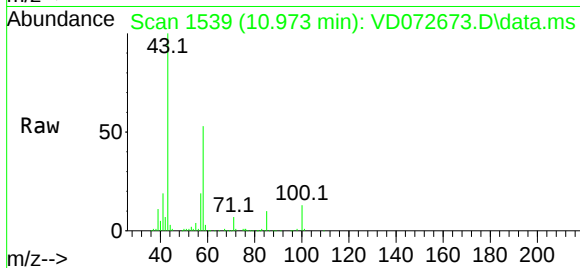
VD0421SBSD01

Tgt Ion: 43 Resp: 234138

Ion Ratio Lower Upper

43 100

58 52.7 25.3 75.9



#60

Dibromochloromethane

Concen: 25.734 ug/l

RT: 11.132 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VD072673.D

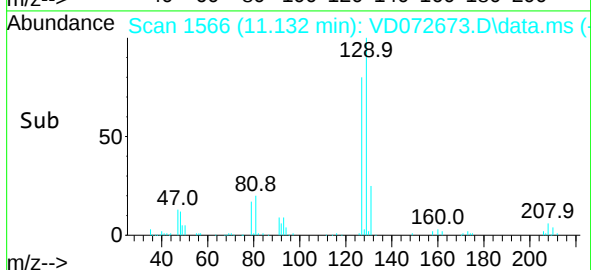
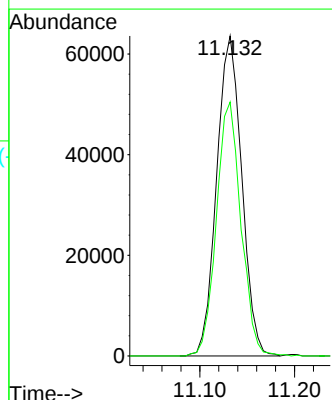
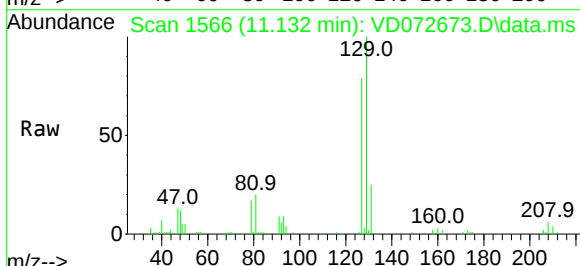
Acq: 21 Apr 2022 16:17

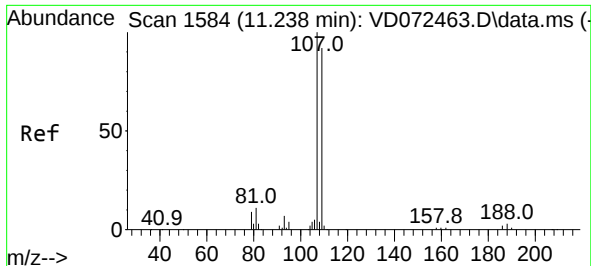
Tgt Ion:129 Resp: 117198

Ion Ratio Lower Upper

129 100

127 77.8 39.2 117.6

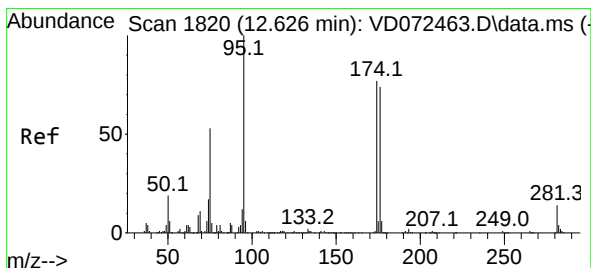
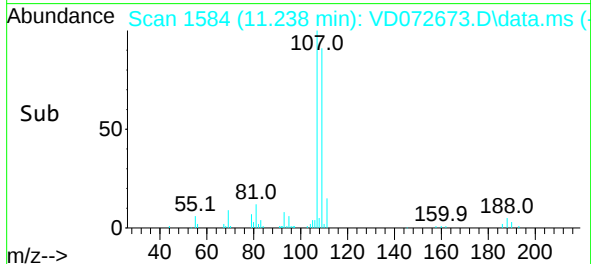
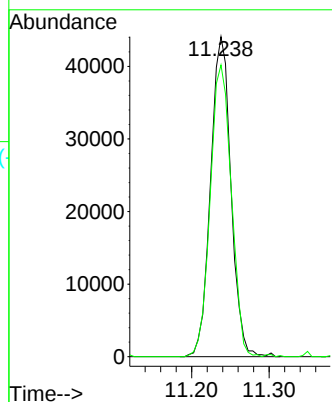
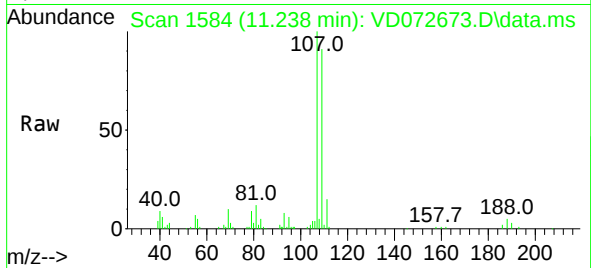




#61
1,2-Dibromoethane
Concen: 25.678 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

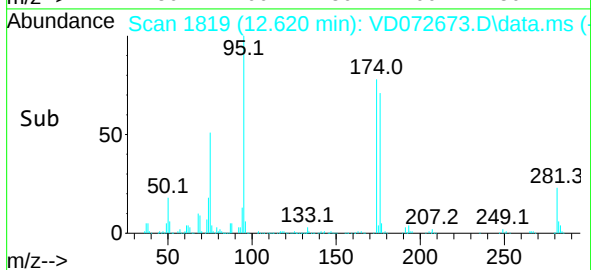
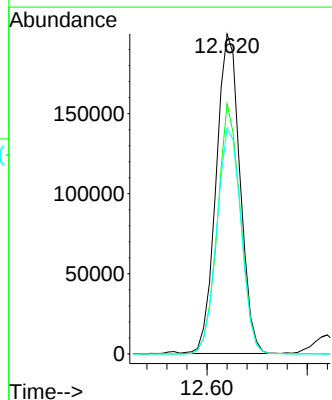
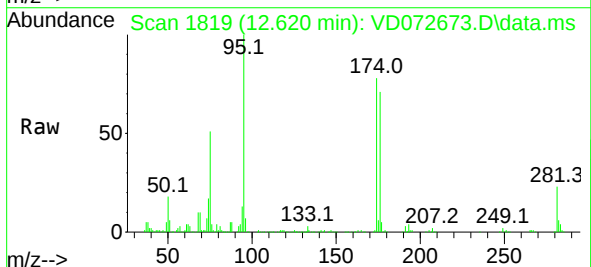
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

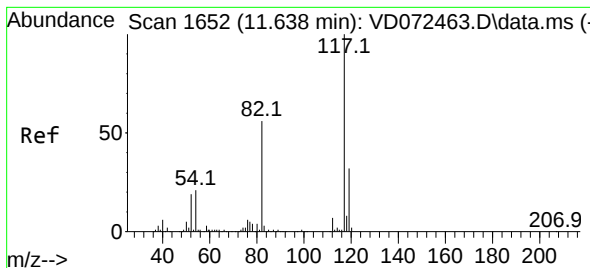
Tgt Ion:107 Resp: 80494
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.124 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 95 Resp: 329517
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 72.3 0.0 145.4

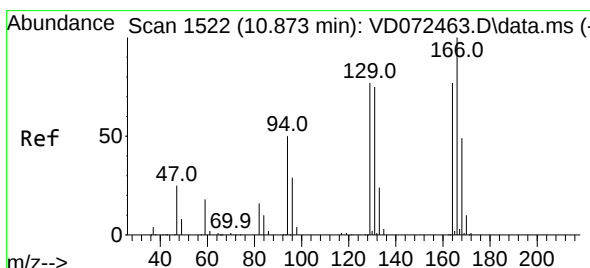
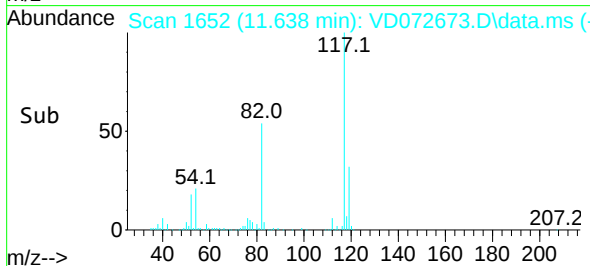
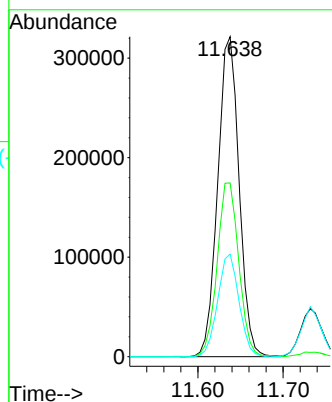
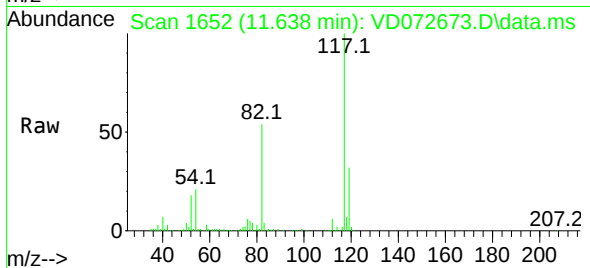




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

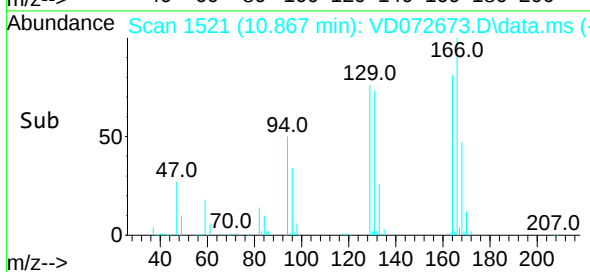
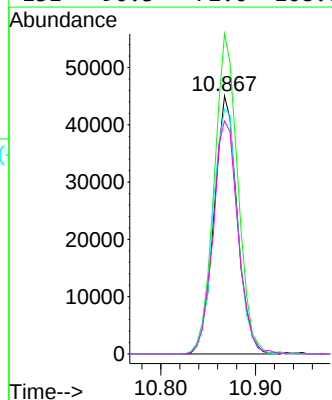
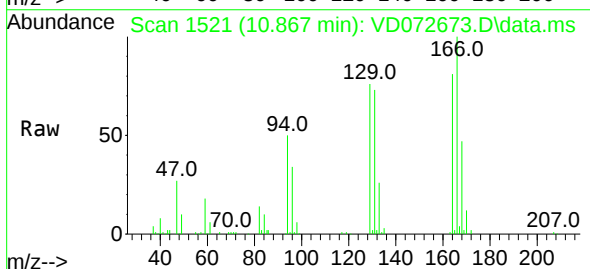
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

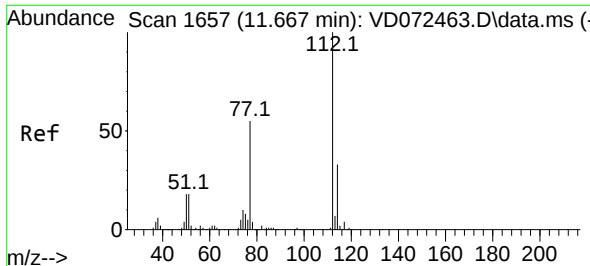
Tgt Ion:117 Resp: 559799
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 21.063 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:164 Resp: 77039
Ion Ratio Lower Upper
164 100
166 124.0 98.5 147.7
129 94.8 74.6 111.8
131 90.3 72.0 108.0

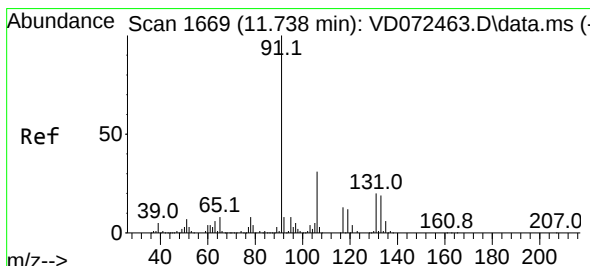
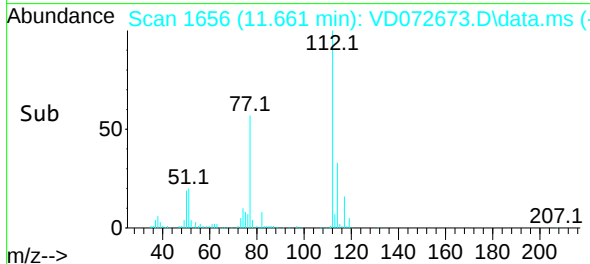
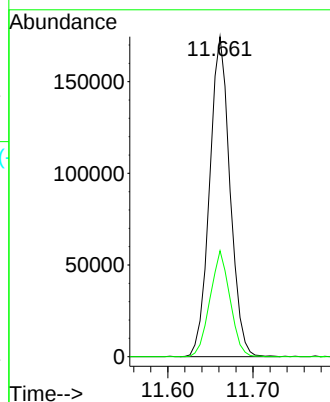
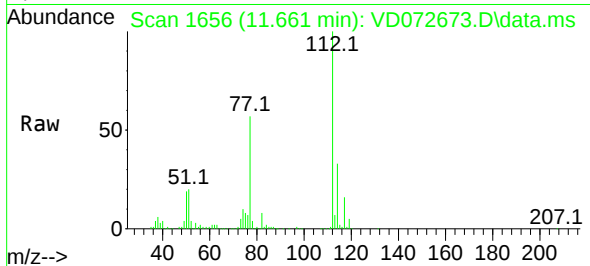




#65
Chlorobenzene
Concen: 23.207 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

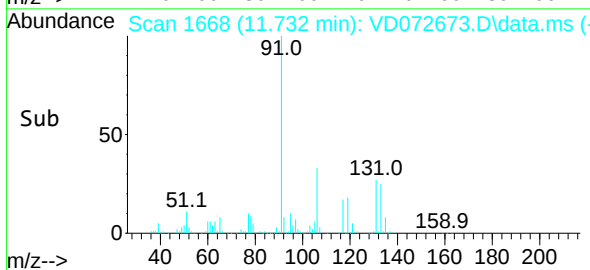
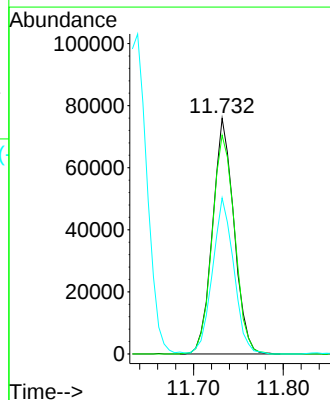
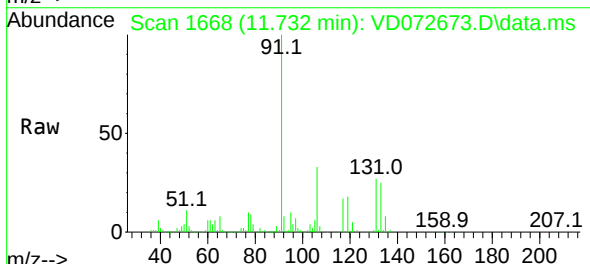
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

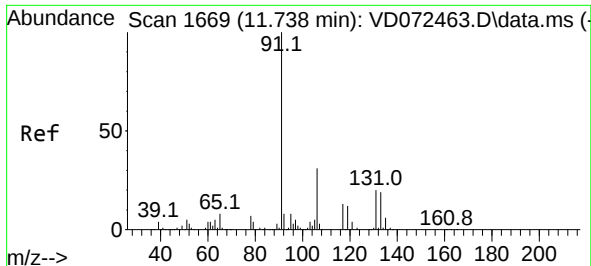
Tgt Ion:112 Resp: 290454
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 25.163 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:131 Resp: 125910
Ion Ratio Lower Upper
131 100
133 97.4 48.1 144.3
119 65.9 31.9 95.9

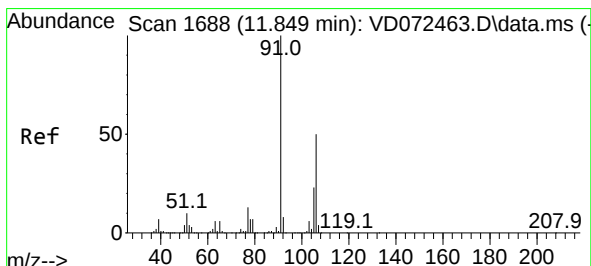
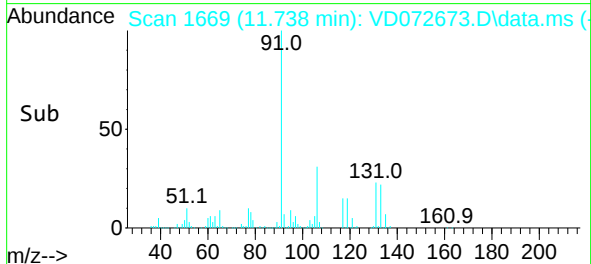
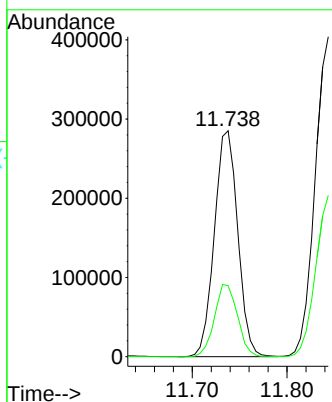
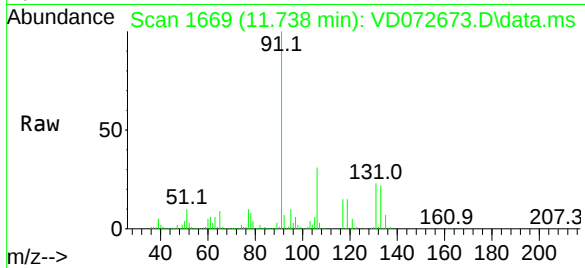




#67
Ethyl Benzene
Concen: 22.405 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

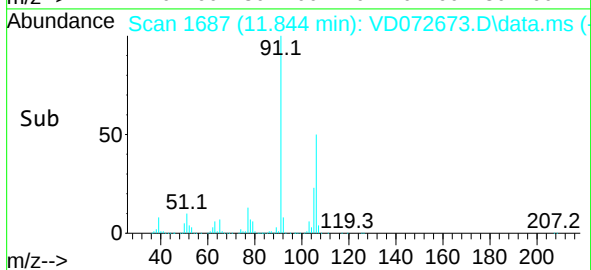
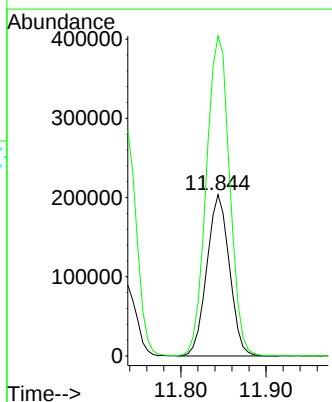
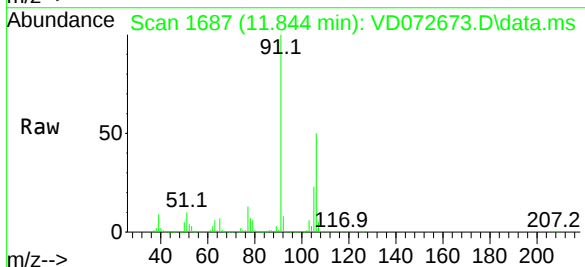
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

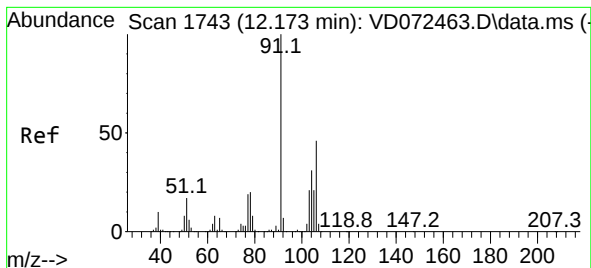
Tgt Ion: 91 Resp: 489295
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 45.278 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 106 Resp: 375133
Ion Ratio Lower Upper
106 100
91 205.2 163.7 245.5

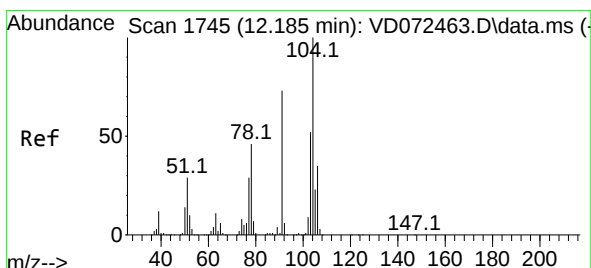
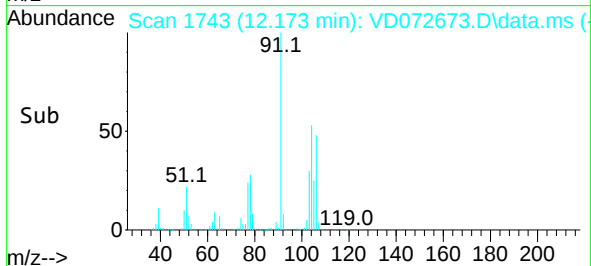
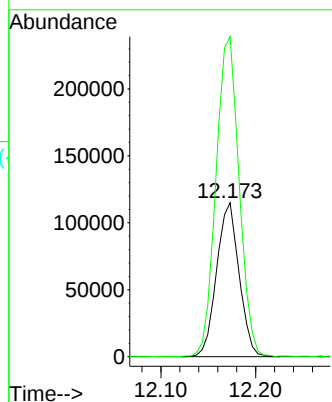
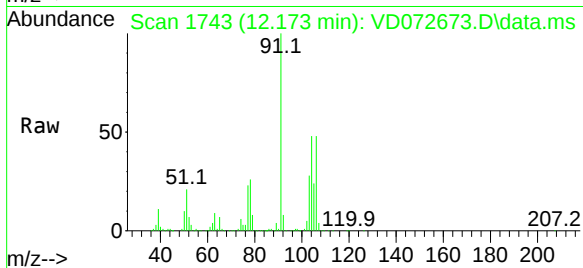




#69
o-Xylene
Concen: 23.673 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

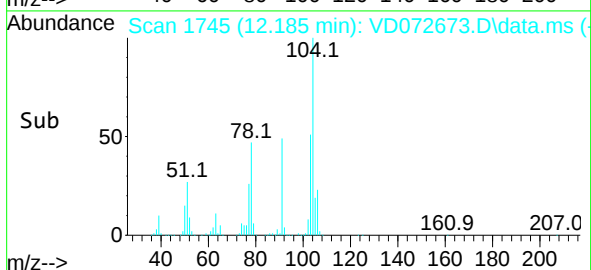
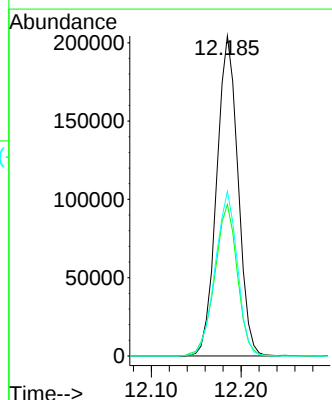
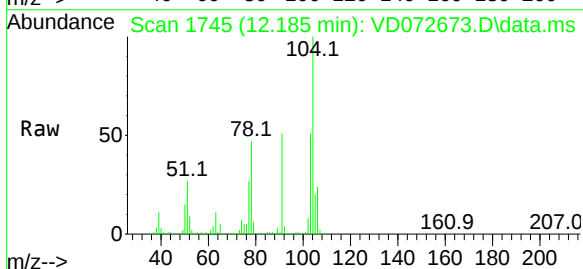
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

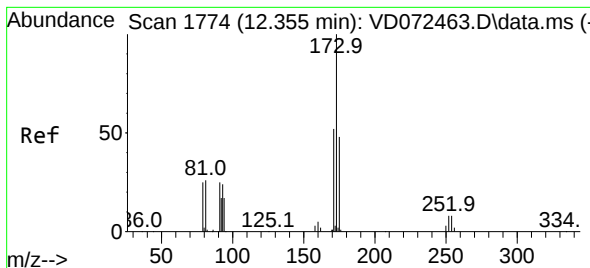
Tgt Ion:106 Resp: 189238
Ion Ratio Lower Upper
106 100
91 215.3 110.4 331.2



#70
Styrene
Concen: 23.980 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:104 Resp: 337838
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 53.3 44.2 66.4





#71

Bromoform

Concen: 26.279 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

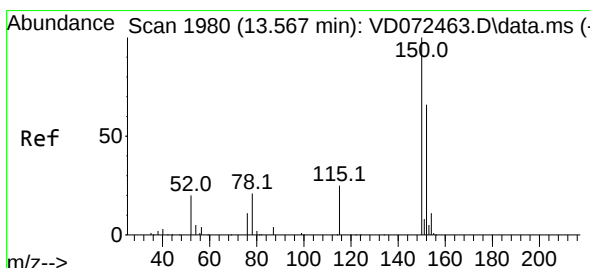
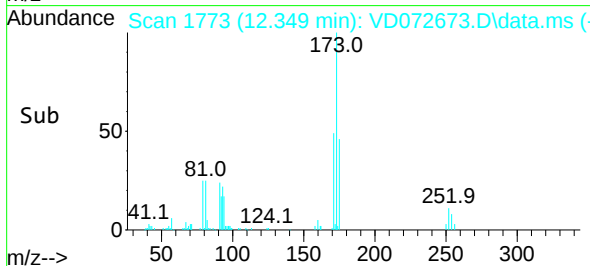
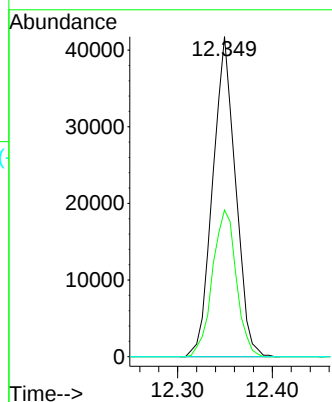
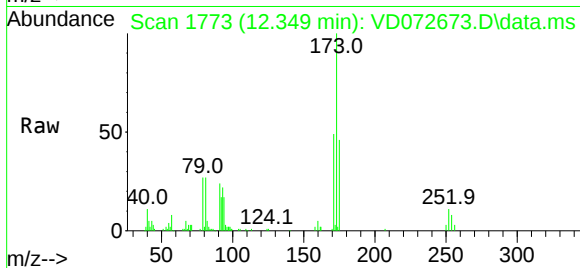
Tgt Ion:173 Resp: 69708

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

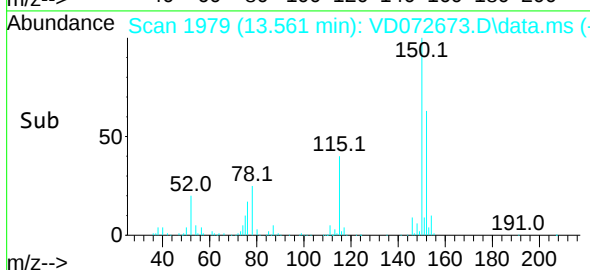
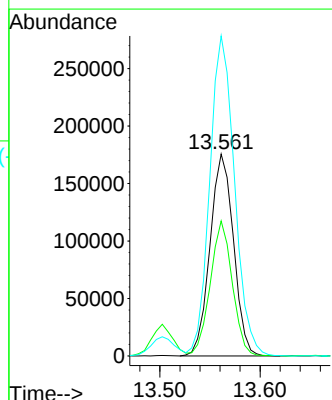
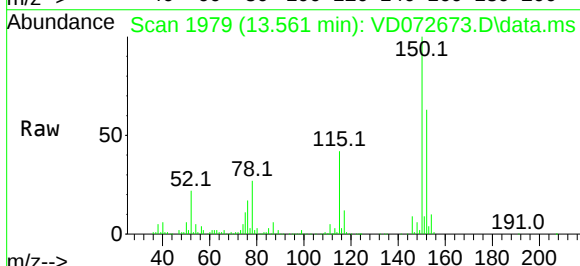
Tgt Ion:152 Resp: 286371

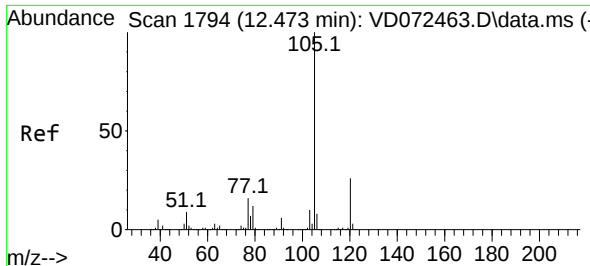
Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 167.2 0.0 348.6

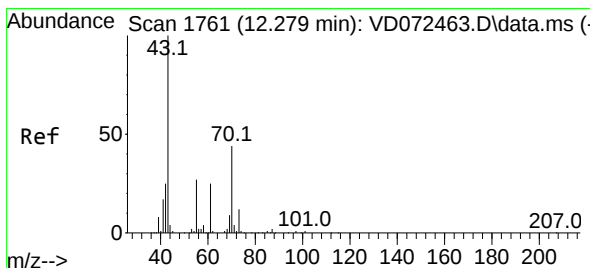
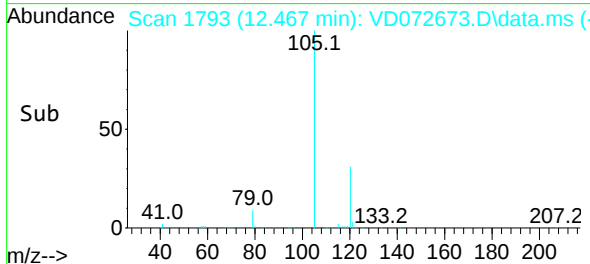
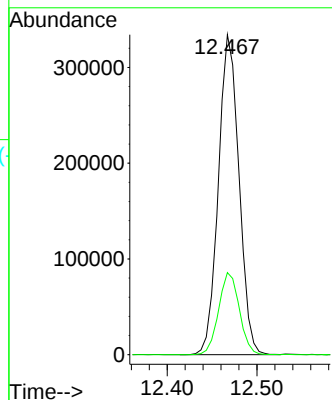
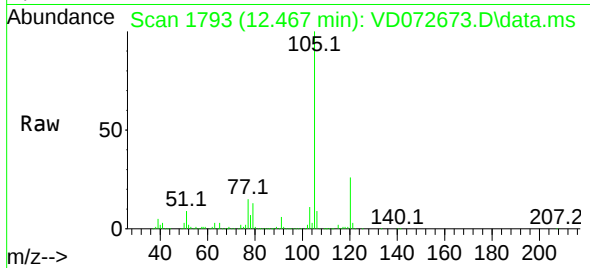




#73
Isopropylbenzene
Concen: 23.027 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

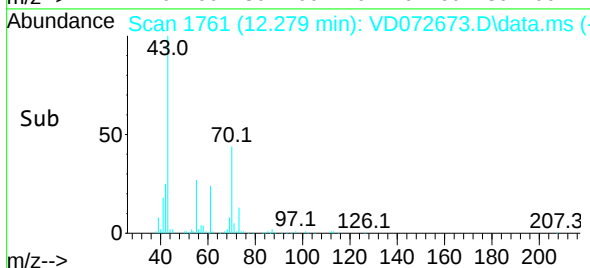
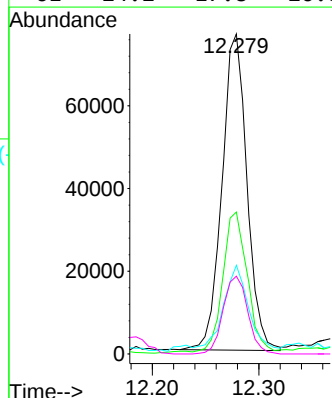
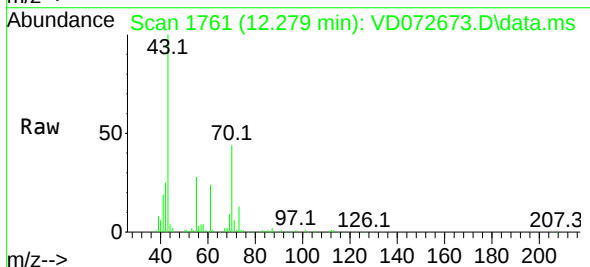
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

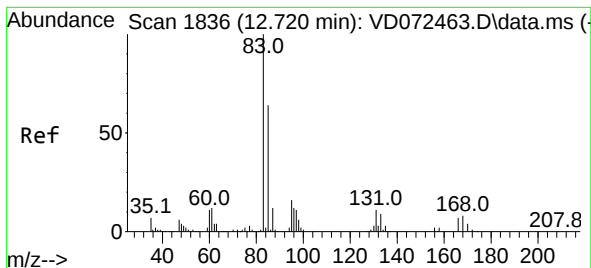
Tgt Ion:105 Resp: 532565
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 25.643 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 43 Resp: 124437
Ion Ratio Lower Upper
43 100
70 44.7 31.3 46.9
55 26.3 20.0 30.0
61 24.2 17.8 26.8

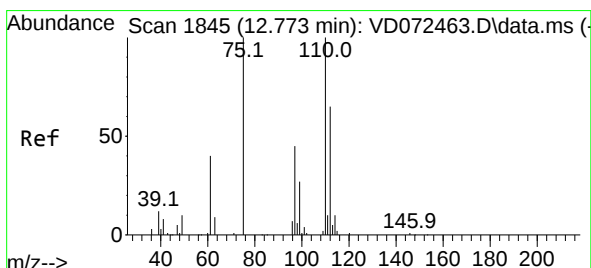
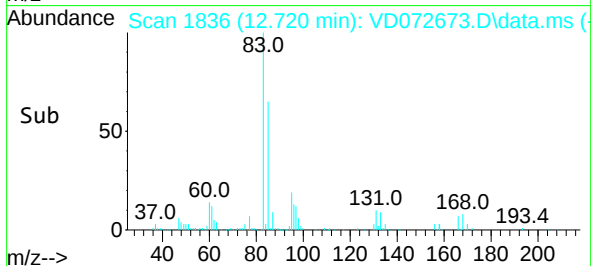
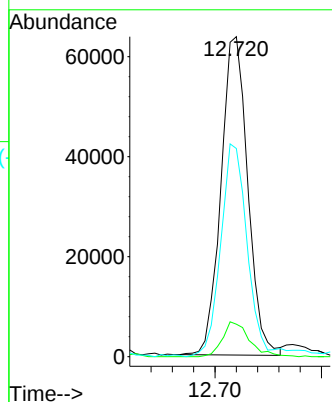
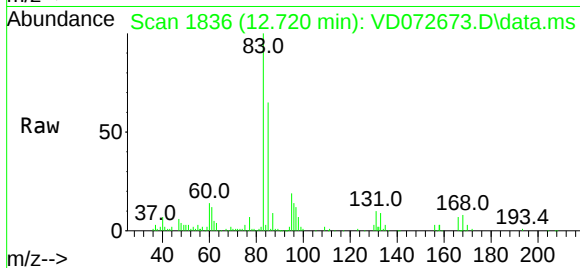




#75
 1,1,2,2-Tetrachloroethane
 Concen: 25.397 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

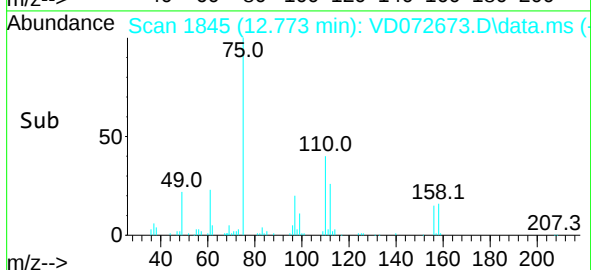
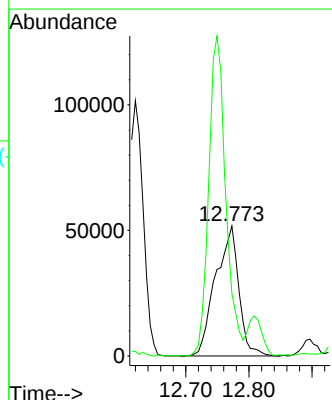
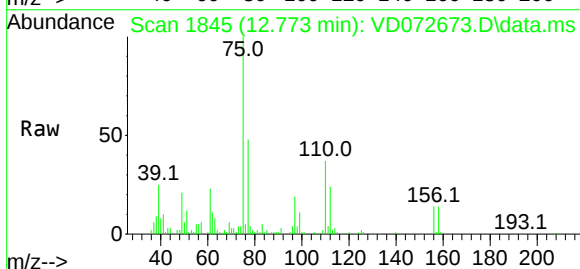
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBSD01

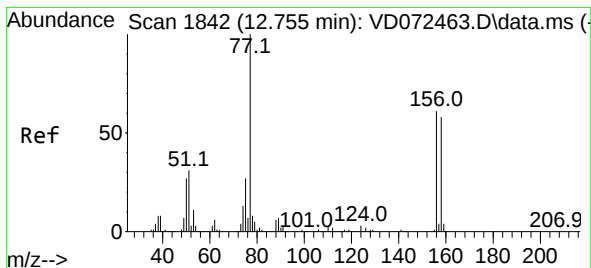
Tgt Ion: 83 Resp: 111256
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 14.9
 85 65.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 42.390 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072673.D
 Acq: 21 Apr 2022 16:17

Tgt Ion: 75 Resp: 132397
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.462 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

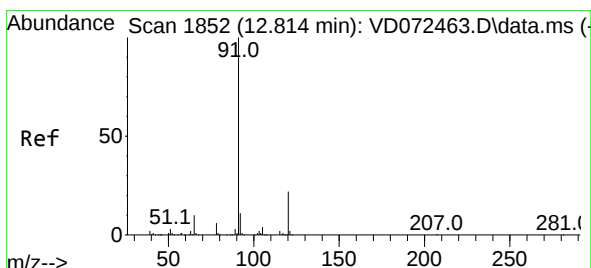
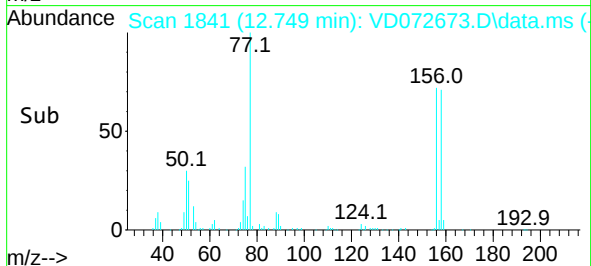
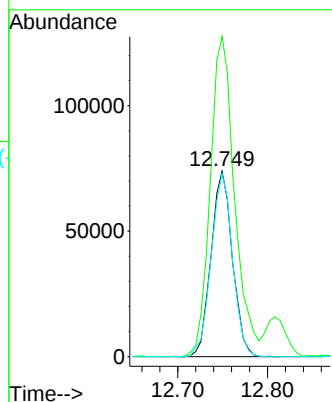
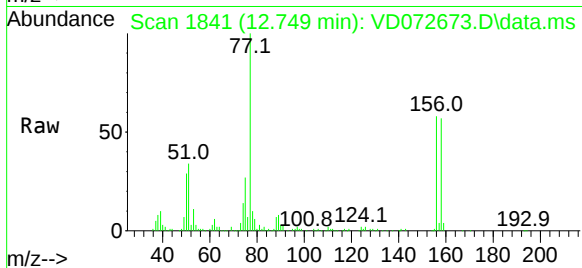
Tgt Ion:156 Resp: 121624

Ion Ratio Lower Upper

156 100

77 197.0 102.8 308.3

158 98.7 48.7 146.1



#78

n-propylbenzene

Concen: 22.713 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VD072673.D

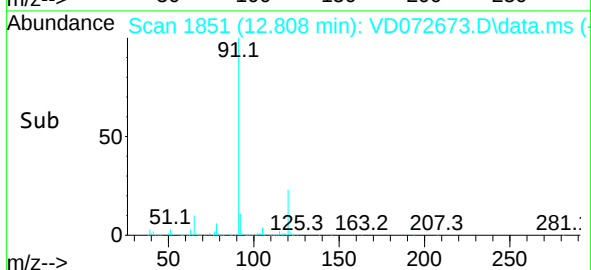
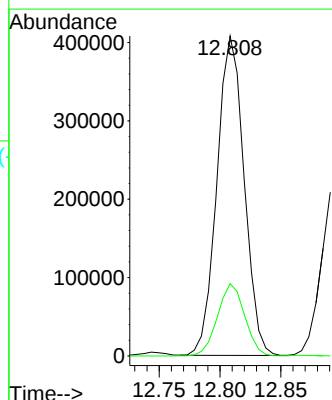
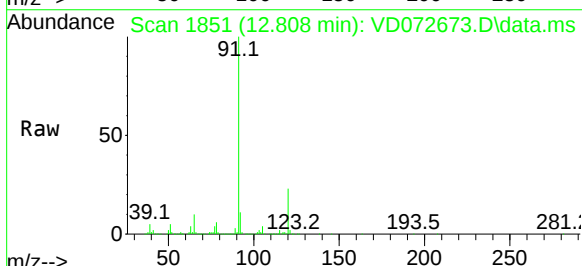
Acq: 21 Apr 2022 16:17

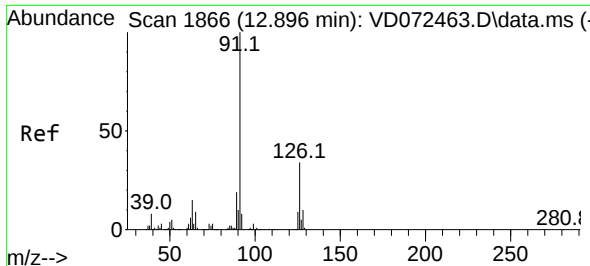
Tgt Ion: 91 Resp: 633708

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9

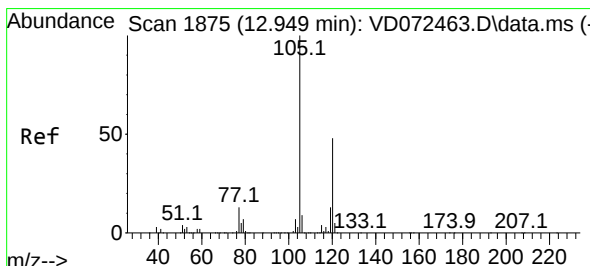
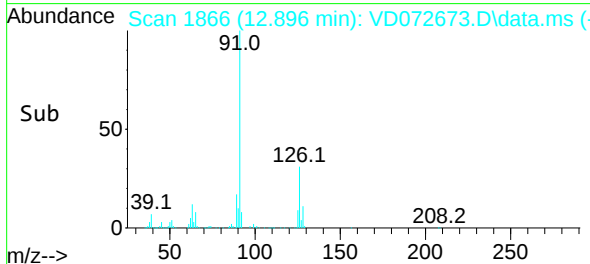
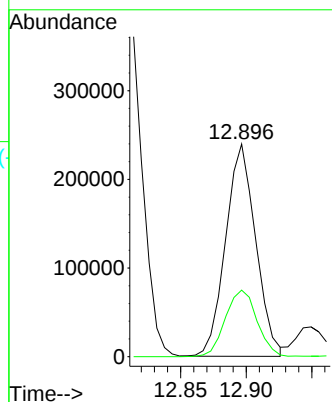
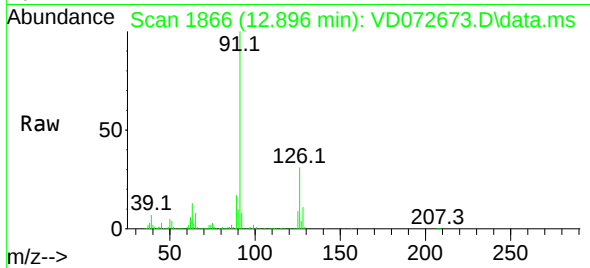




#79
2-Chlorotoluene
Concen: 23.434 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

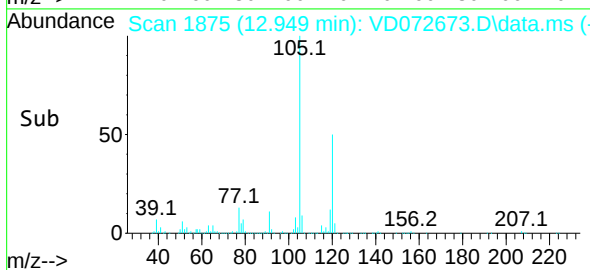
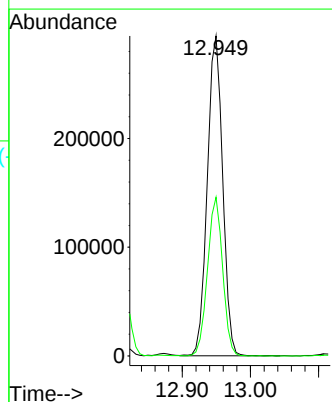
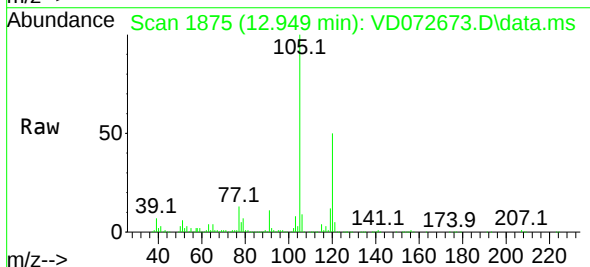
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

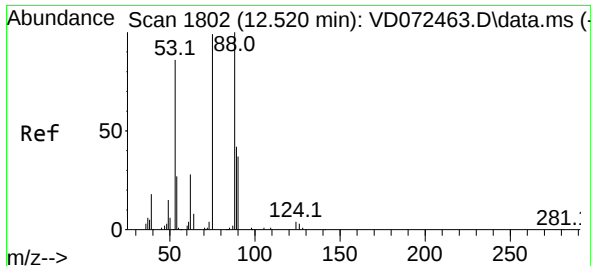
Tgt Ion: 91 Resp: 382358
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 23.266 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 105 Resp: 460840
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

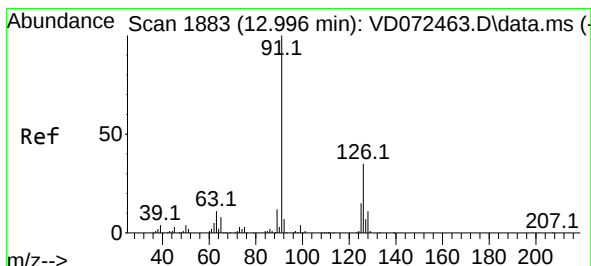
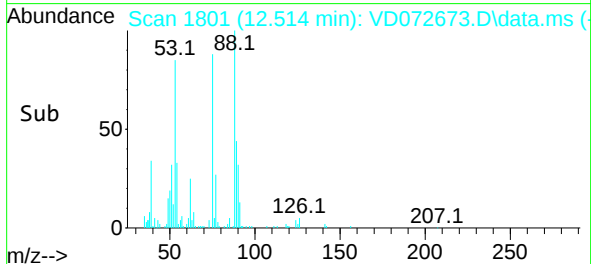
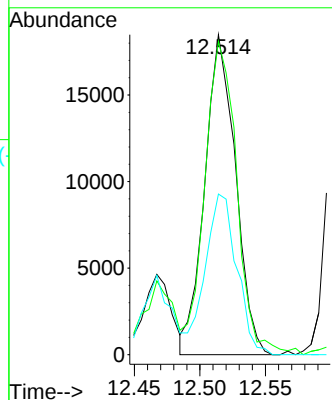
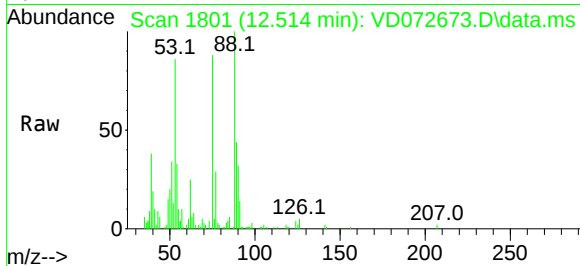




#81
trans-1,4-Dichloro-2-butene
Concen: 23.708 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

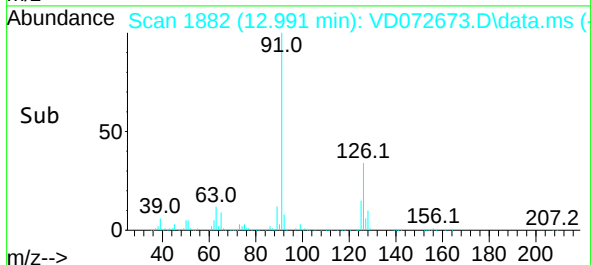
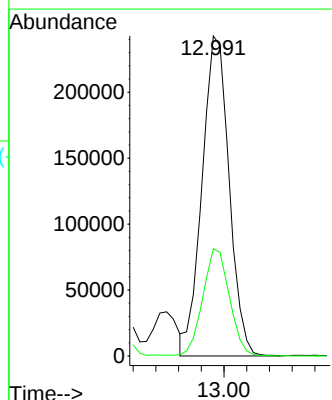
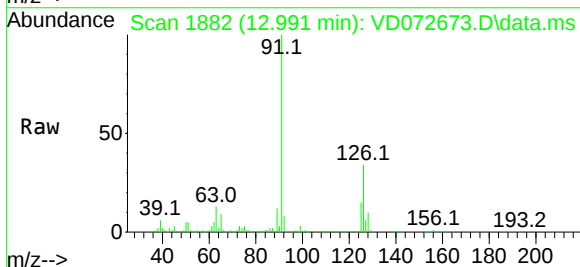
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

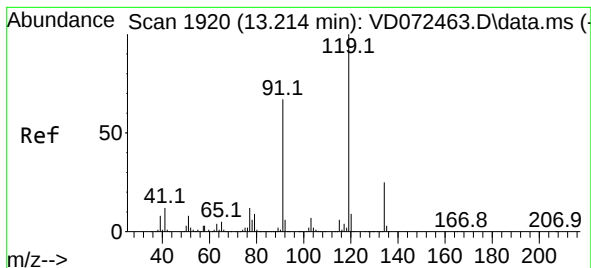
Tgt Ion: 75 Resp: 30177
Ion Ratio Lower Upper
75 100
53 102.3 86.5 129.7
89 50.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 23.613 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 91 Resp: 401262
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 24.206 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

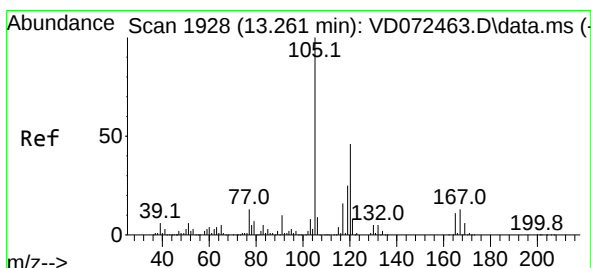
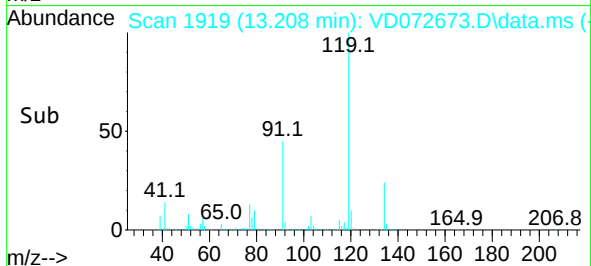
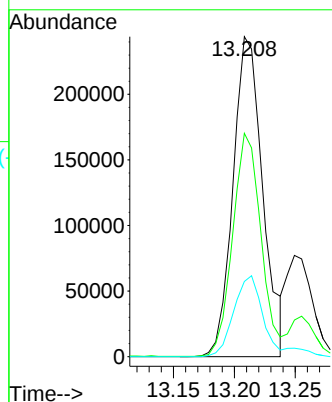
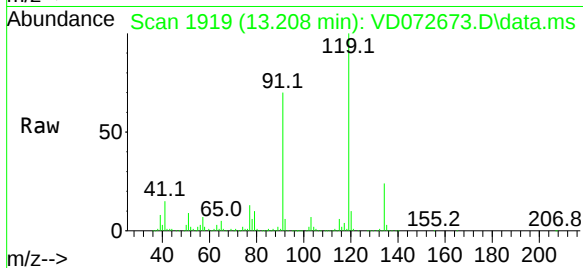
Tgt Ion:119 Resp: 415078

Ion Ratio Lower Upper

119 100

91 66.2 34.8 104.5

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 23.725 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072673.D

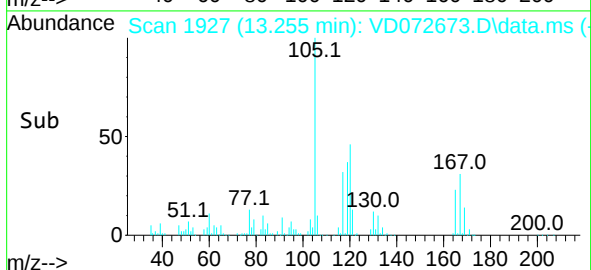
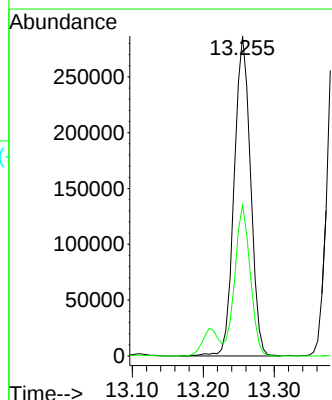
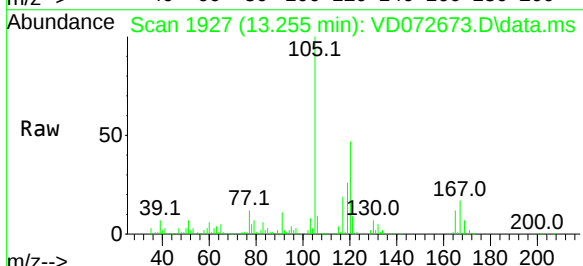
Acq: 21 Apr 2022 16:17

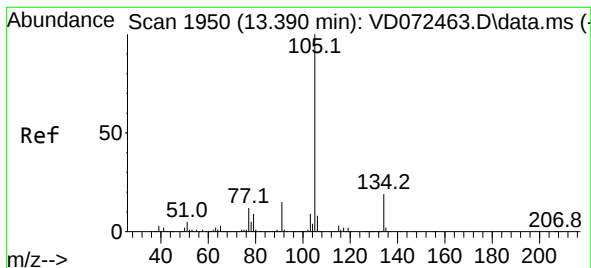
Tgt Ion:105 Resp: 459530

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 23.558 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

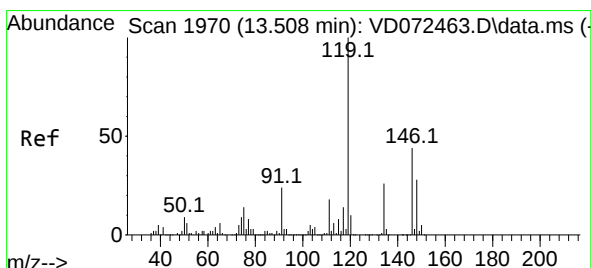
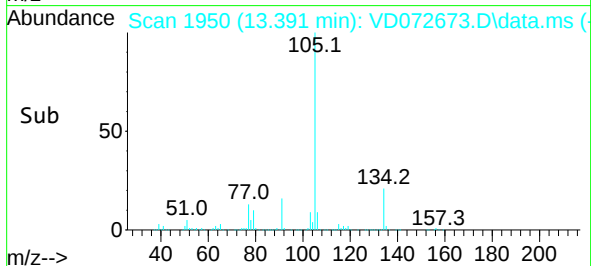
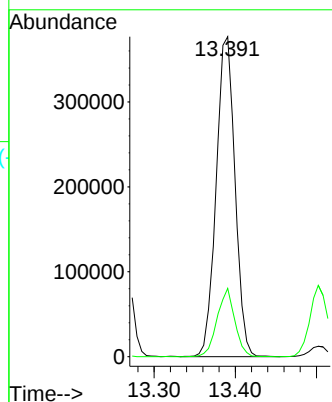
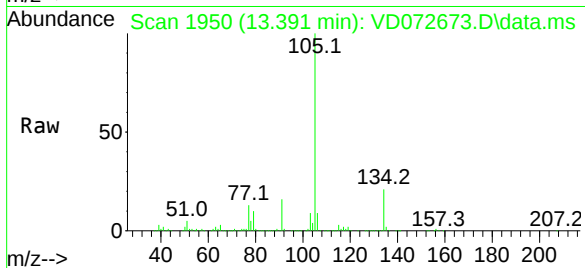
VD0421SBSD01

Tgt Ion:105 Resp: 608496

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 23.721 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

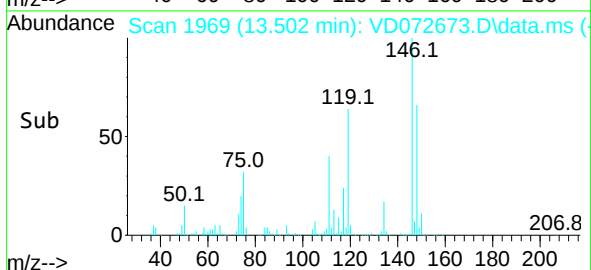
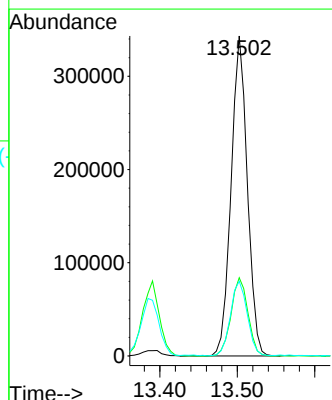
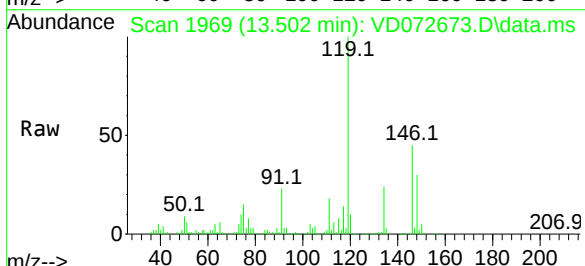
Tgt Ion:119 Resp: 500814

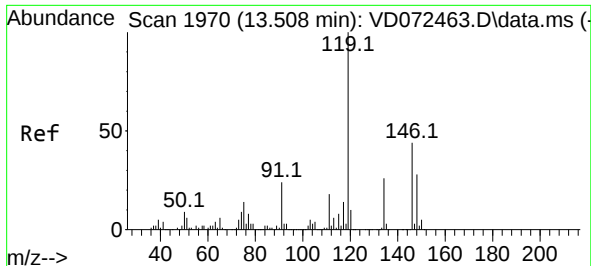
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 23.635 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

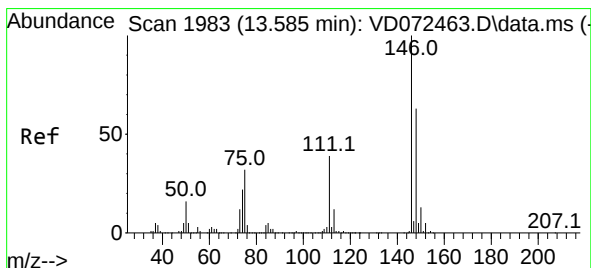
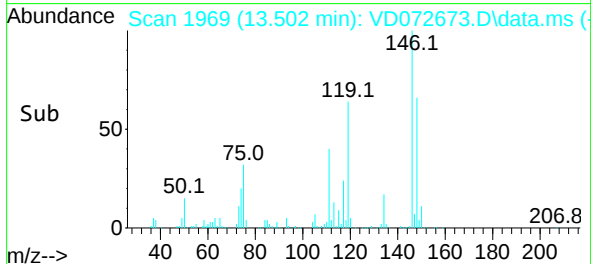
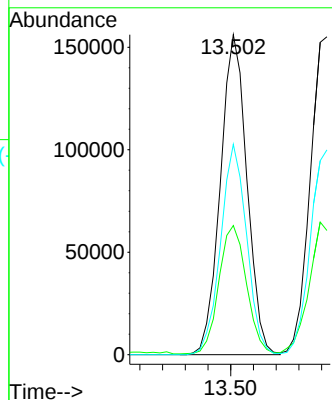
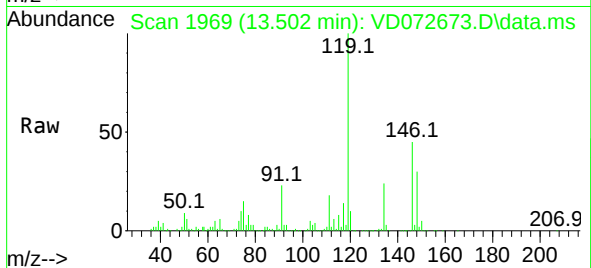
Tgt Ion:146 Resp: 253869

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 64.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 23.862 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

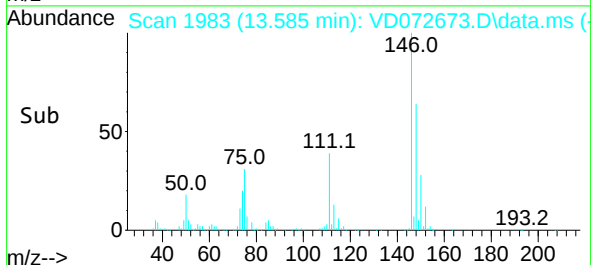
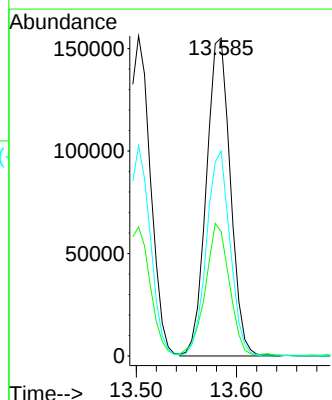
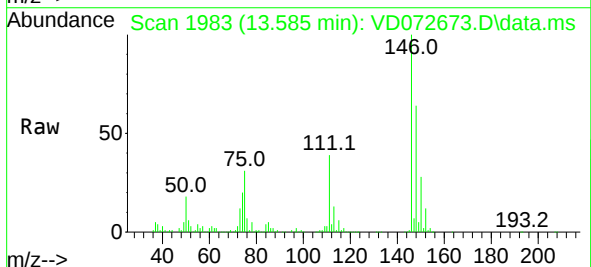
Tgt Ion:146 Resp: 258334

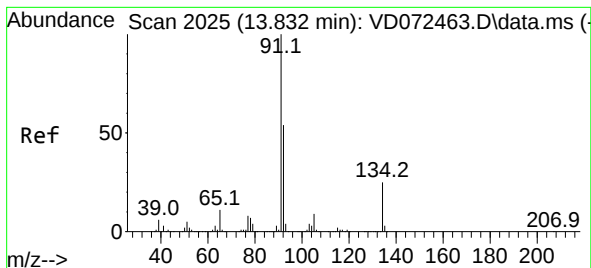
Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.9

148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 23.508 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

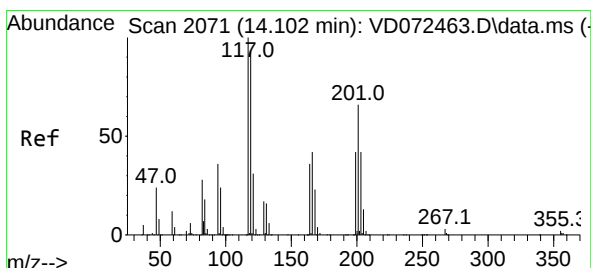
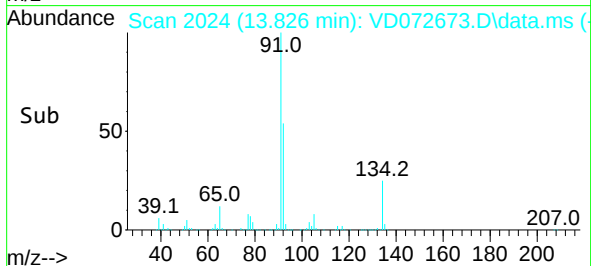
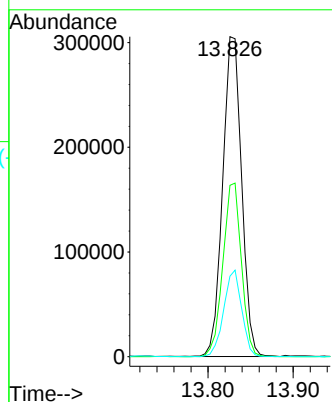
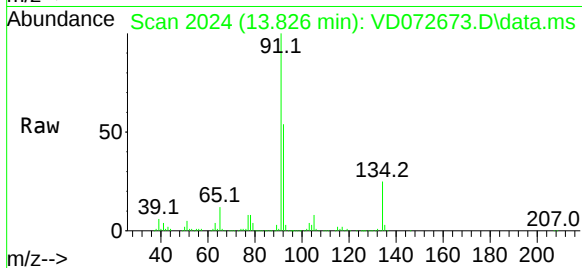
Tgt Ion: 91 Resp: 472792

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 25.7 12.3 36.9



#90

Hexachloroethane

Concen: 23.713 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VD072673.D

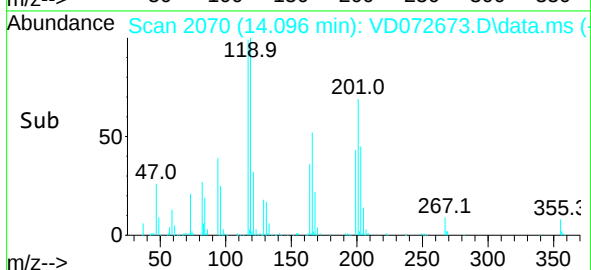
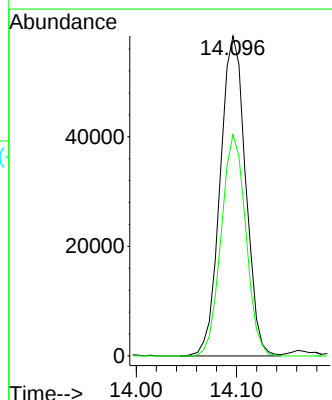
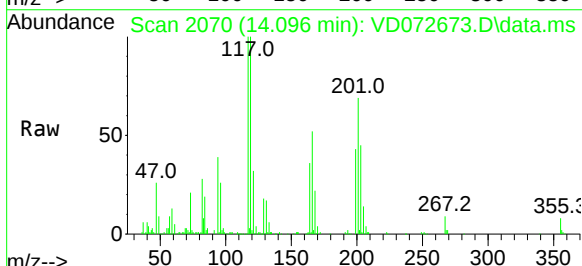
Acq: 21 Apr 2022 16:17

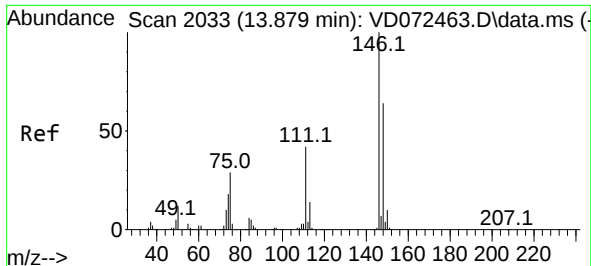
Tgt Ion: 117 Resp: 102487

Ion Ratio Lower Upper

117 100

201 66.9 33.4 100.2

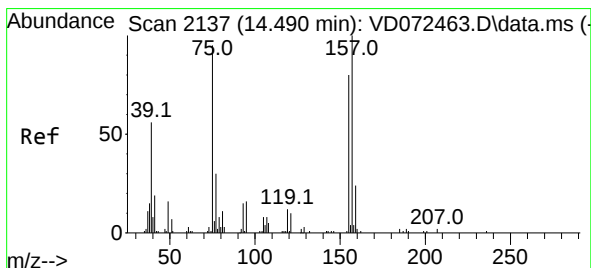
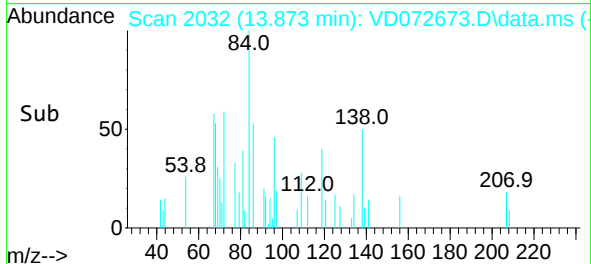
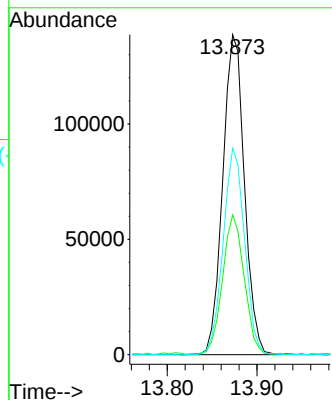
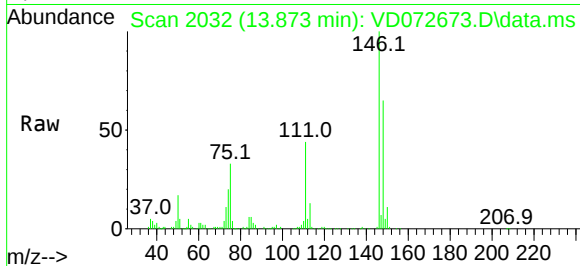




#91
1,2-Dichlorobenzene
Concen: 24.501 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

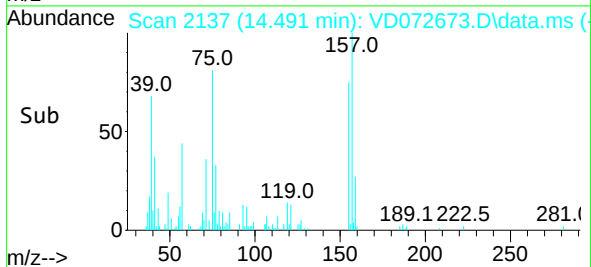
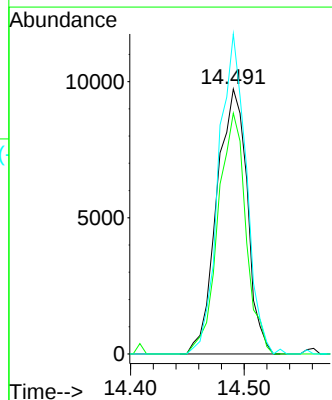
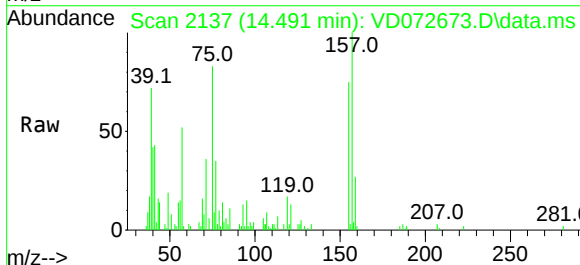
Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

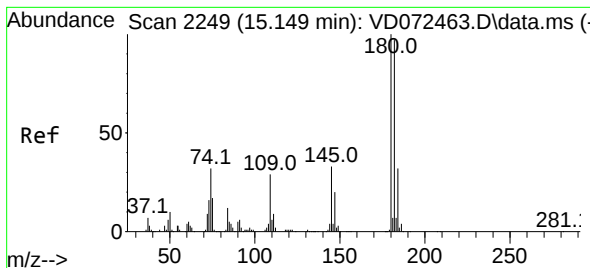
Tgt Ion:146 Resp: 232119
Ion Ratio Lower Upper
146 100
111 43.9 21.1 63.3
148 64.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 27.838 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion: 75 Resp: 18035
Ion Ratio Lower Upper
75 100
155 83.3 36.8 110.3
157 109.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 24.439 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD0421SBSD01

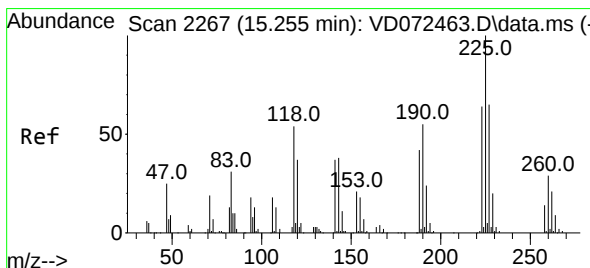
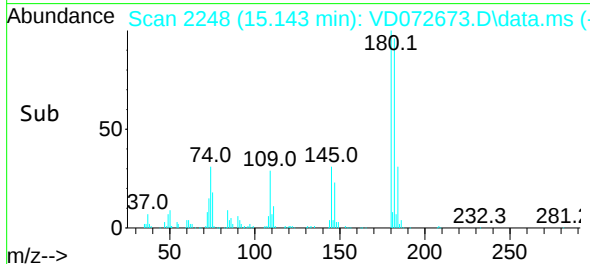
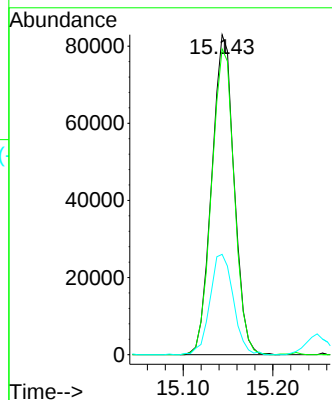
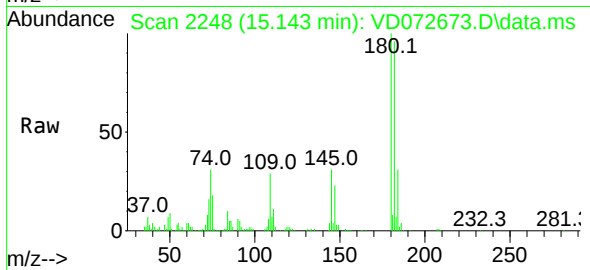
Tgt Ion:180 Resp: 143519

Ion Ratio Lower Upper

180 100

182 96.7 47.3 142.0

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 24.632 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072673.D

Acq: 21 Apr 2022 16:17

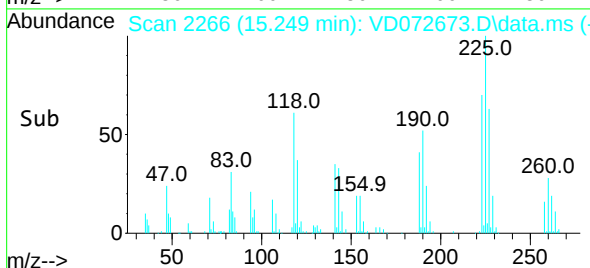
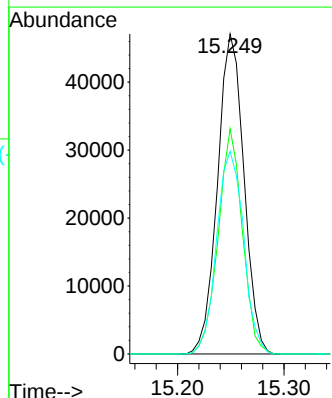
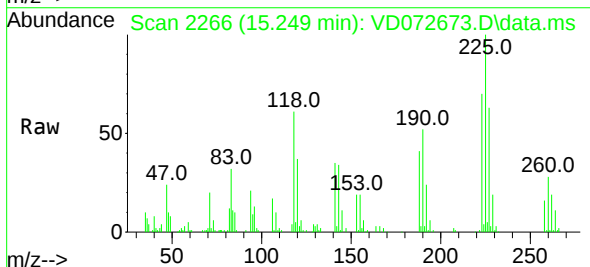
Tgt Ion:225 Resp: 81024

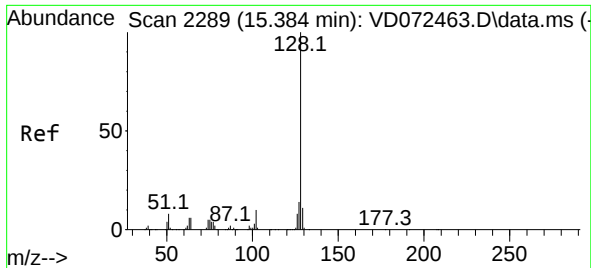
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

227 64.8 32.4 97.0

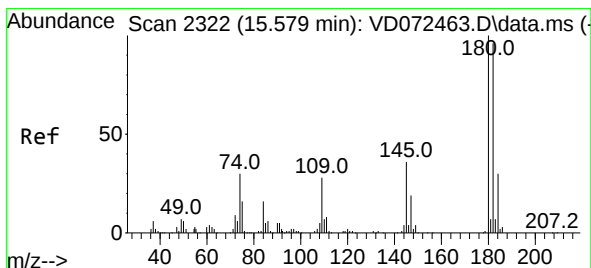
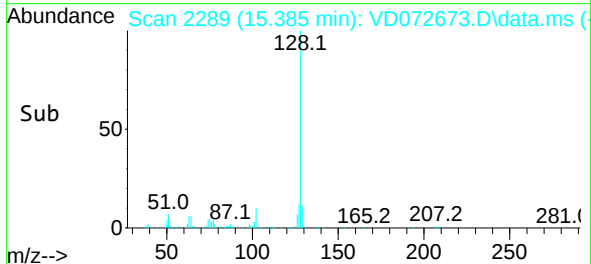
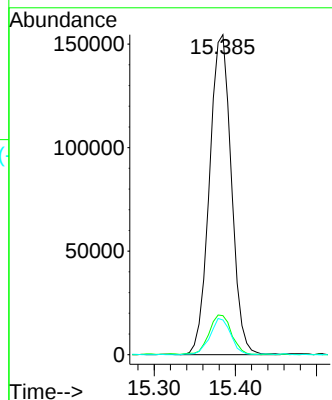
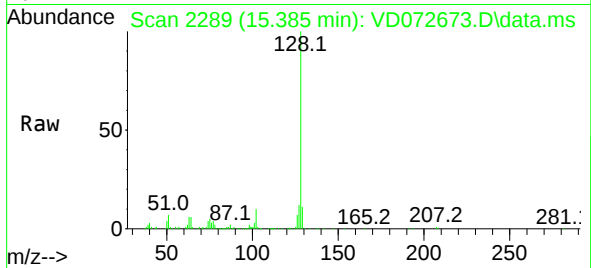




#95
Naphthalene
Concen: 25.345 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VD0421SBSD01

Tgt Ion:128 Resp: 289200
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 24.864 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072673.D
Acq: 21 Apr 2022 16:17

Tgt Ion:180 Resp: 127437
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 36.7 17.1 51.3

