

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069787.D
 Acq On : 21 Jul 2021 13:23
 Operator : VA/SY
 Sample : M3094-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 22 03:40:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	3870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	7147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	10241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	3913	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3153	65.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.500%	
35) Dibromofluoromethane	7.914	113	2549	53.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.320%	
50) Toluene-d8	10.343	98	10204	54.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	12.632	95	8721	140.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 280.760%#	

Target Compounds			Qvalue			
3) Chloromethane	2.203	50	196	3.316	ug/l #	1
6) Chloroethane	2.967	64	62	1.646	ug/l #	43
12) 1,1-Dichloroethene	4.073	96	60	1.422	ug/l #	1
14) Allyl chloride	4.808	41	112	1.717	ug/l #	26
15) Acrylonitrile	5.479	53	55	5.600	ug/l #	18
16) Acetone	4.138	43	369	46.271	ug/l #	39
18) Methyl Acetate	4.691	43	59	Below Cal	#	49
19) Methyl tert-butyl Ether	5.567	73	150	1.679	ug/l #	53
20) Methylene Chloride	4.950	84	780	7.090	ug/l #	77
21) trans-1,2-Dichloroethene	5.467	96	73	1.448	ug/l #	60
22) Diisopropyl ether	6.349	45	237	1.754	ug/l #	38
23) Vinyl Acetate	6.244	43	57	16.128	ug/l #	72
25) 2-Butanone	7.108	43	117	10.244	ug/l #	47
27) cis-1,2-Dichloroethene	7.220	96	60	1.104	ug/l #	1
29) Tetrahydrofuran	7.420	42	59	8.338	ug/l #	31
30) Chloroform	7.696	83	193	2.057	ug/l #	17
31) Cyclohexane	7.985	56	194	2.745	ug/l #	16
32) 1,1,1-Trichloroethane	7.908	97	134	1.684	ug/l #	24
36) 1,1-Dichloropropene	8.108	75	131	1.777	ug/l #	42
37) Ethyl Acetate	7.108	43	117	4.195	ug/l #	67
38) Carbon Tetrachloride	7.979	117	541	8.013	ug/l #	13
39) Methylcyclohexane	9.355	83	527	7.707	ug/l #	15
40) Benzene	8.349	78	409	1.923	ug/l #	51
41) Methacrylonitrile	7.508	41	80	5.535	ug/l #	18
43) Isopropyl Acetate	8.496	43	60	1.175	ug/l #	47
44) Trichloroethene	9.167	130	69	1.338	ug/l	88
45) 1,2-Dichloropropane	9.396	63	129	2.308	ug/l #	43
46) Dibromomethane	9.473	93	414	15.176	ug/l #	21
47) Bromodichloromethane	9.649	83	528	7.303	ug/l #	25
48) Methyl methacrylate	9.449	41	457	17.960	ug/l #	83
51) 4-Methyl-2-Pentanone	10.243	43	898	33.952	ug/l #	34
52) Toluene	10.396	92	324	2.533	ug/l #	1
55) 1,1,2-Trichloroethane	10.832	97	703	18.422	ug/l #	24
56) Ethyl methacrylate	10.649	69	661	14.771	ug/l #	1
59) 2-Hexanone	10.985	43	1111	63.020	ug/l #	34
60) Dibromochloromethane	11.067	129	79	1.775	ug/l	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

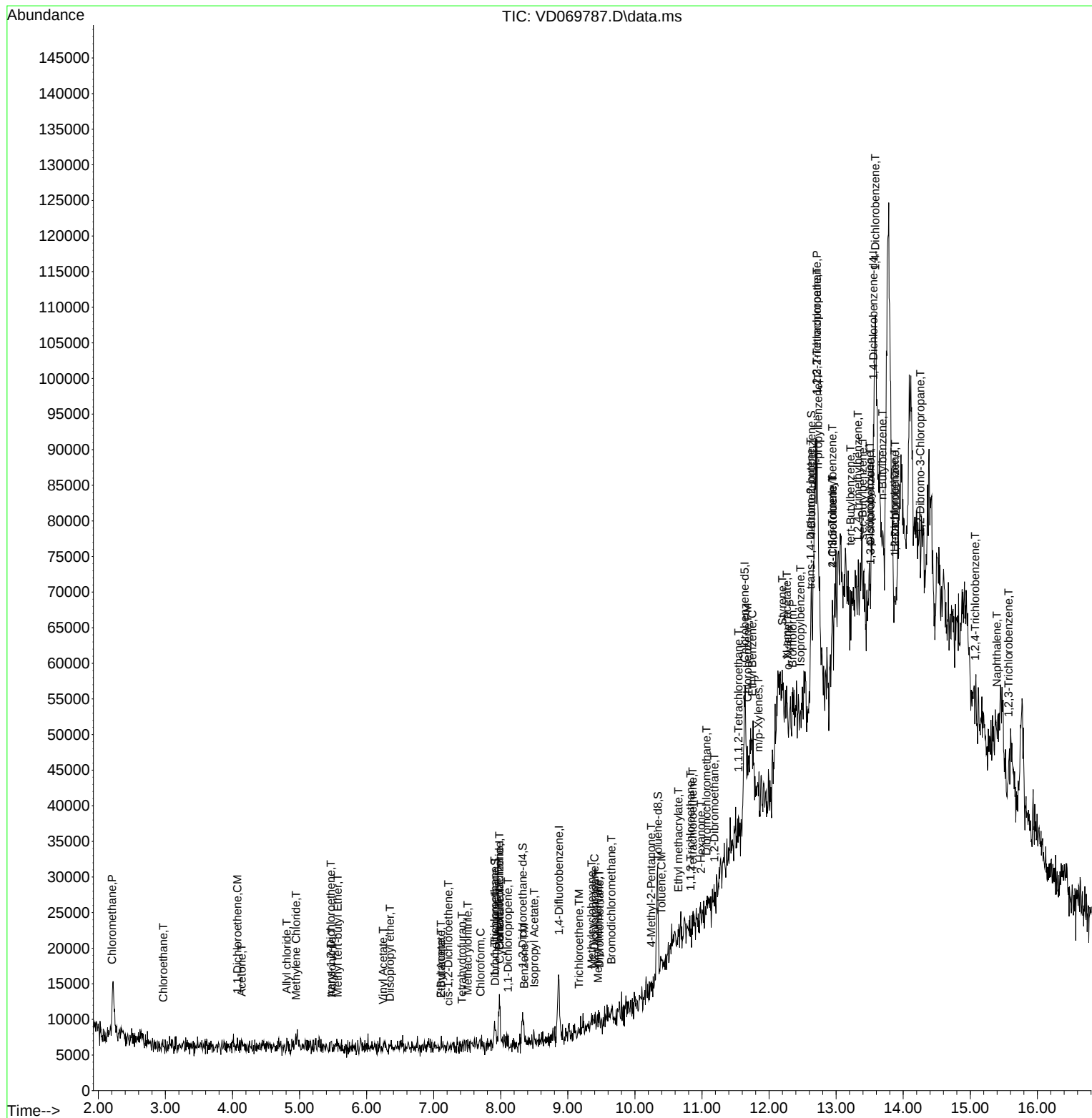
61) 1,2-Dibromoethane	11.185	107	518	14.630	ug/l	93
64) Tetrachloroethene	10.861	164	291	4.653	ug/l #	37
65) Chlorobenzene	11.679	112	340	1.662	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.543	131	396	5.419	ug/l	78
67) Ethyl Benzene	11.749	91	499	1.377	ug/l #	44
68) m/p-Xylenes	11.843	106	1029	7.511	ug/l	98
69) o-Xylene	12.279	106	297	2.381	ug/l	33
70) Styrene	12.196	104	312	1.433	ug/l #	25
71) Bromoform	12.349	173	68	1.919	ug/l #	1
73) Isopropylbenzene	12.467	105	890	3.194	ug/l	89
74) N-amyl acetate	12.267	43	407	6.722	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.714	83	5552	100.040	ug/l #	34
76) 1,2,3-Trichloropropane	12.714	75	126	3.315	ug/l #	100
78) n-propylbenzene	12.732	91	1175	3.326	ug/l	96
79) 2-Chlorotoluene	12.949	91	492	2.369	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	2639	11.167	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.620	75	2467	174.410	ug/l #	25
82) 4-Chlorotoluene	12.949	91	492	2.257	ug/l	96
83) tert-Butylbenzene	13.214	119	2583	13.407	ug/l #	48
84) 1,2,4-Trimethylbenzene	13.326	105	759	3.237	ug/l	82
85) sec-Butylbenzene	13.396	105	1216	4.016	ug/l	84
86) p-Isopropyltoluene	13.502	119	1204	4.882	ug/l #	40
87) 1,3-Dichlorobenzene	13.514	146	537	4.183	ug/l #	58
88) 1,4-Dichlorobenzene	13.584	146	327	2.551	ug/l #	1
89) n-Butylbenzene	13.690	91	602	2.464	ug/l	70
90) Hexachloroethane	13.873	117	382	7.612	ug/l	60
91) 1,2-Dichlorobenzene	13.879	146	236	2.132	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.255	75	73	8.831	ug/l	72
93) 1,2,4-Trichlorobenzene	15.073	180	140	2.275	ug/l #	1
95) Naphthalene	15.396	128	663	7.325	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.573	180	73	1.381	ug/l #	1

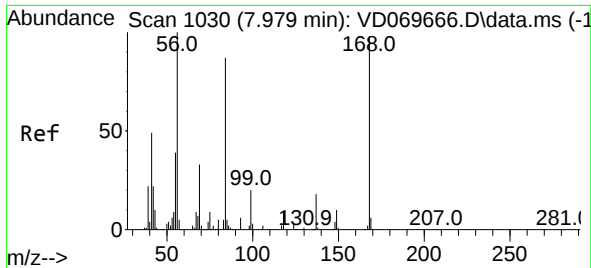
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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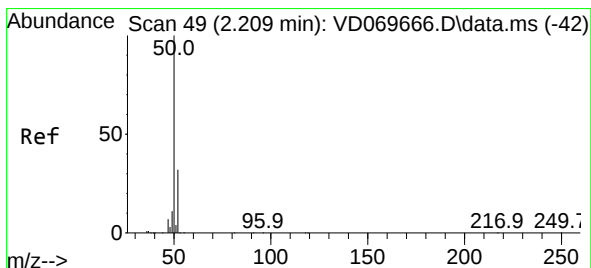
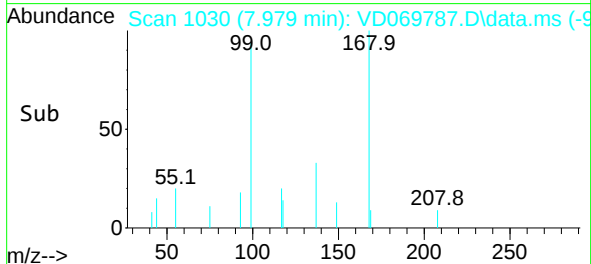
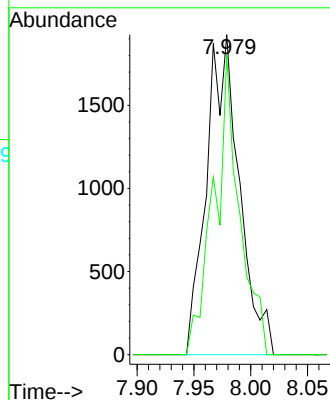
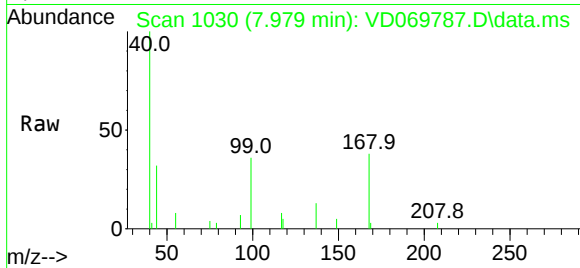




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

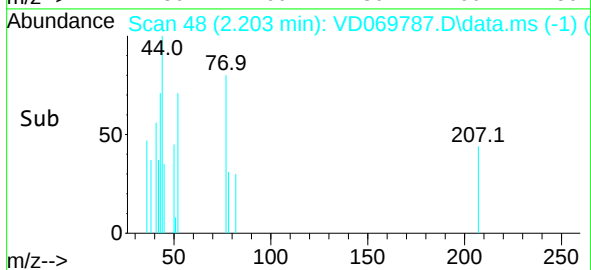
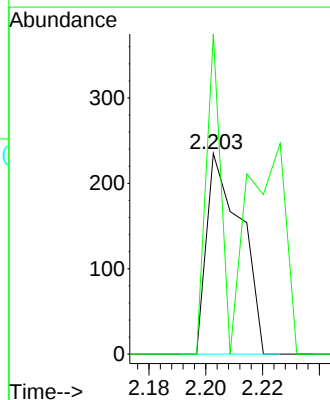
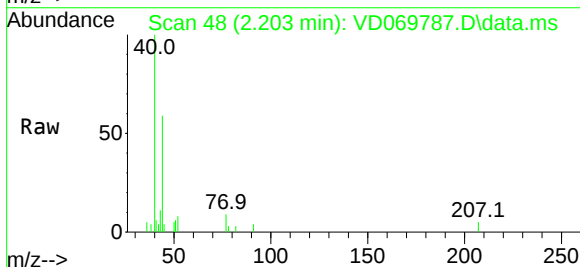
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ClientSampleId :

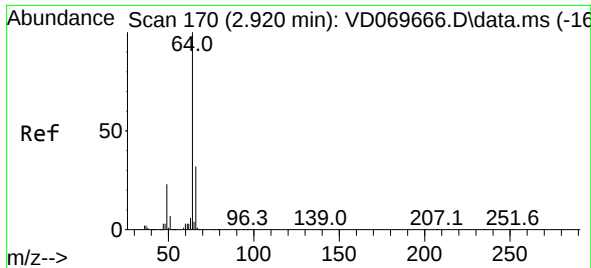
Tgt Ion:168 Resp: 3870
Ion Ratio Lower Upper
168 100
99 93.6 51.8 77.6#



#3
Chloromethane
Concen: 3.316 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 159.6 25.9 38.9#

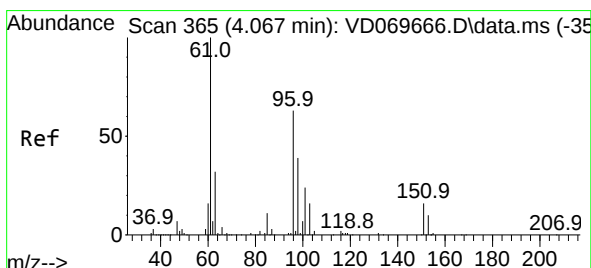
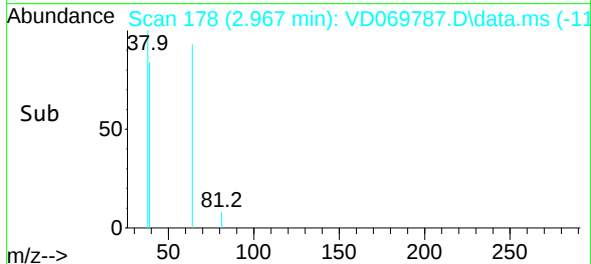
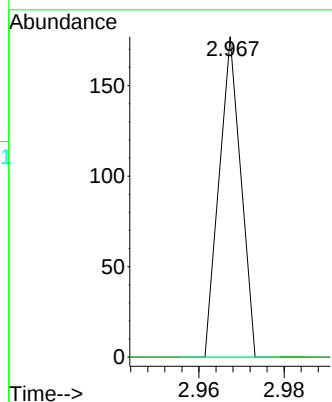
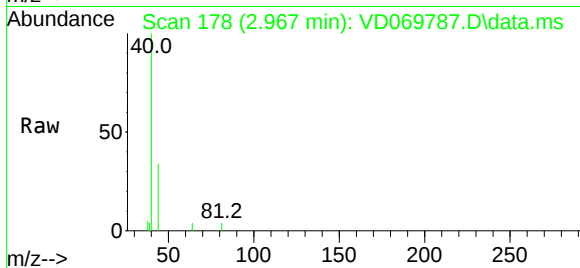




#6
Chloroethane
Concen: 1.646 ug/l
RT: 2.967 min Scan# 178
Delta R.T. 0.047 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

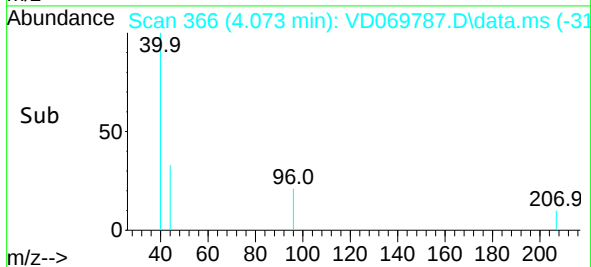
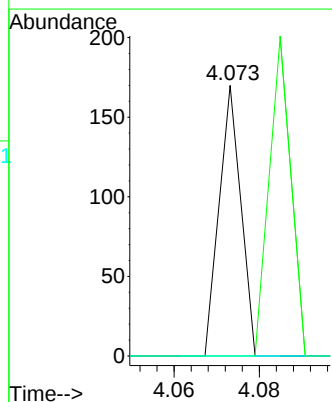
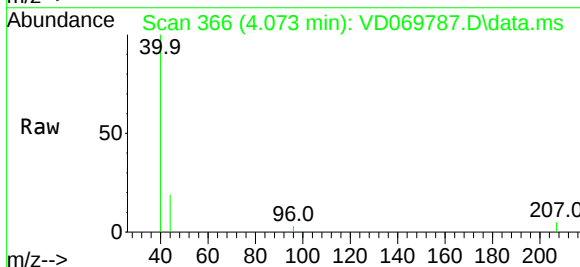
Instrument :
MSVOA_D
ClientSampleId :

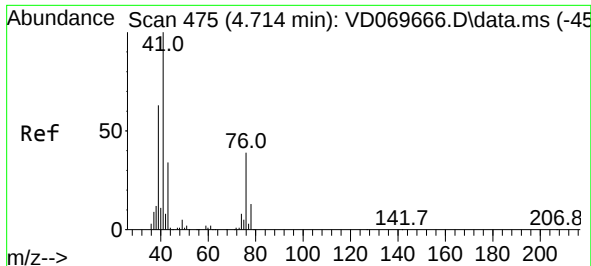
Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#12
1,1-Dichloroethene
Concen: 1.422 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 96 Resp: 60
Ion Ratio Lower Upper
96 100
61 0.0 126.4 189.6#
98 0.0 48.9 73.3#





#14

Allyl chloride

Concen: 1.717 ug/l

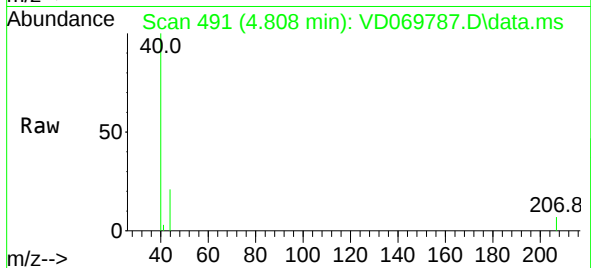
RT: 4.808 min Scan# 491

Delta R.T. 0.094 min

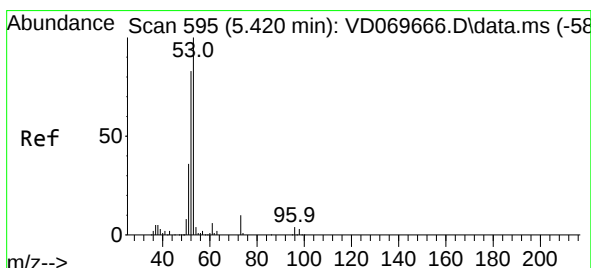
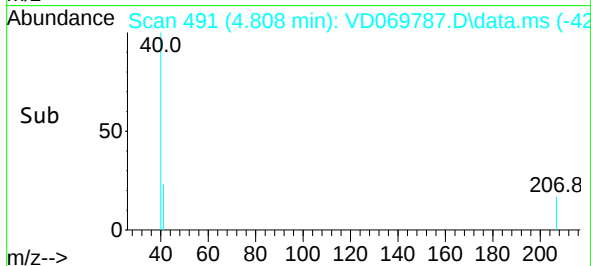
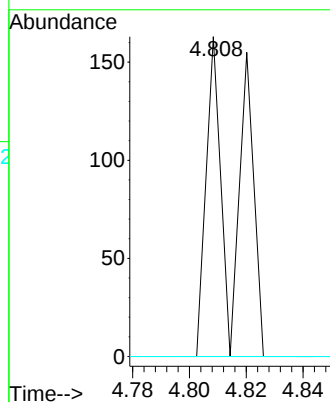
Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	41	Resp:	112
Ion Ratio	Lower	Upper	
41	100		
39	0.0	49.4	74.2#
76	0.0	30.7	46.1#



#15

Acrylonitrile

Concen: 5.600 ug/l

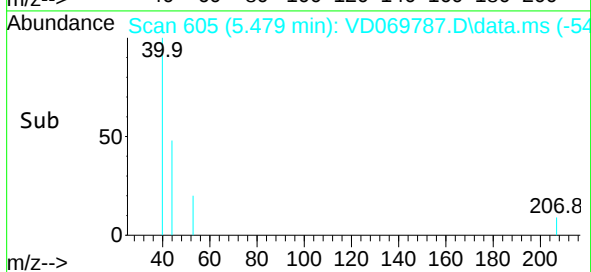
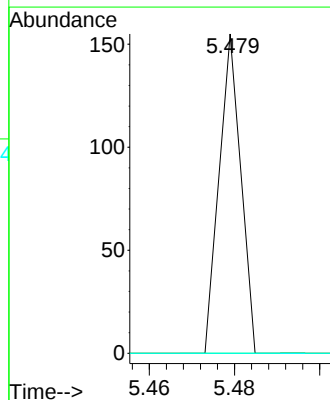
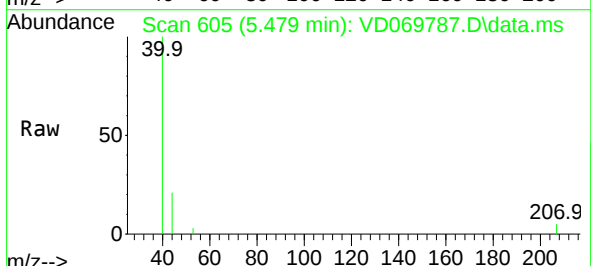
RT: 5.479 min Scan# 605

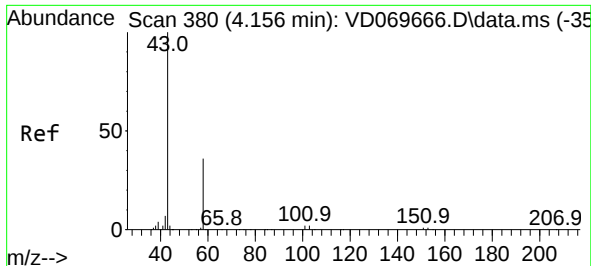
Delta R.T. 0.059 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion:	53	Resp:	55
Ion Ratio	Lower	Upper	
53	100		
52	0.0	64.8	97.2#
51	0.0	28.2	42.2#

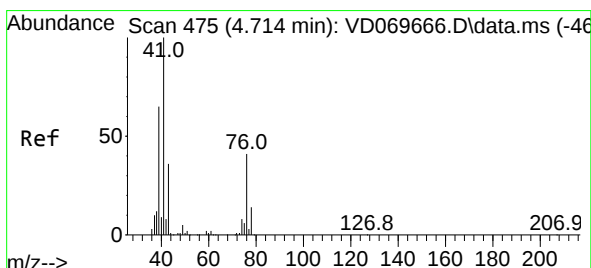
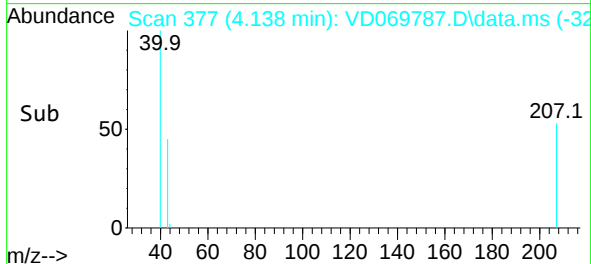
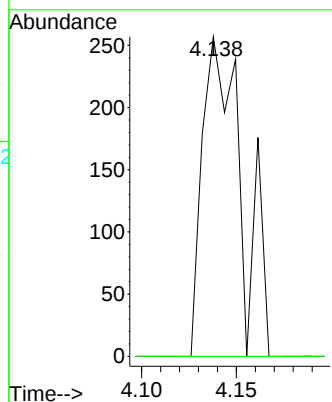
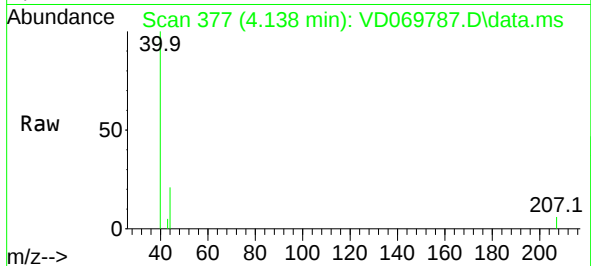




#16
Acetone
Concen: 46.271 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

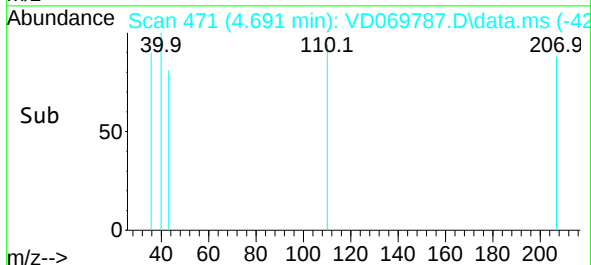
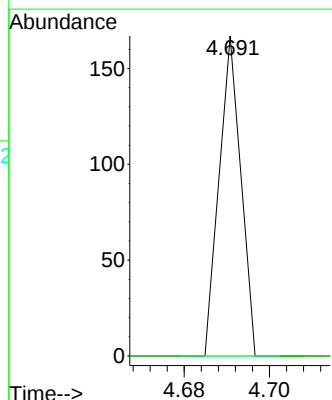
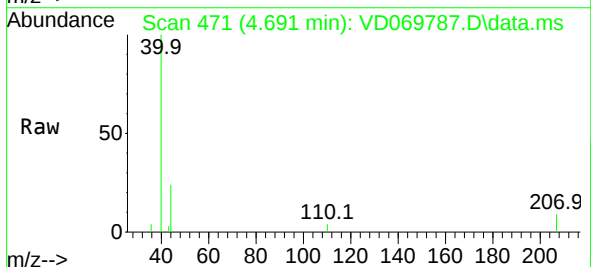
Instrument :
MSVOA_D
ClientSampled :

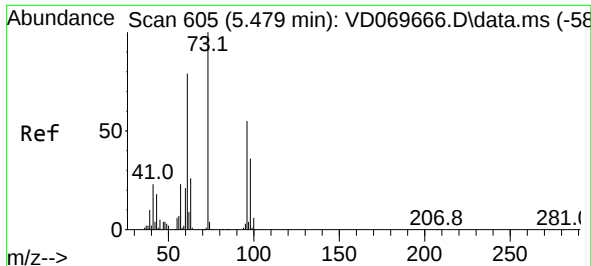
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.691 min Scan# 471
Delta R.T. -0.023 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



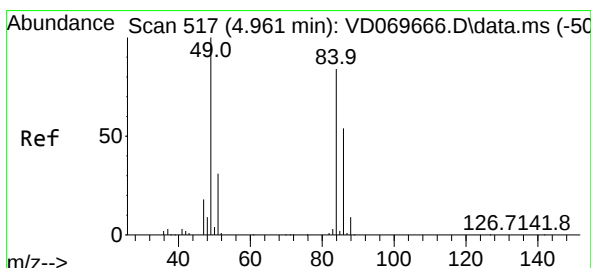
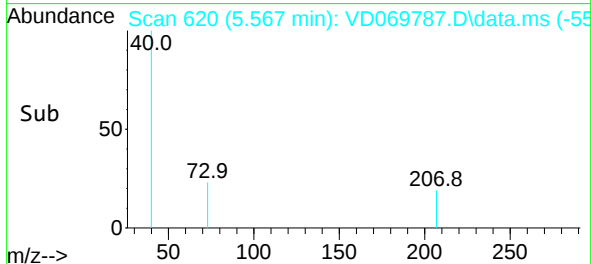
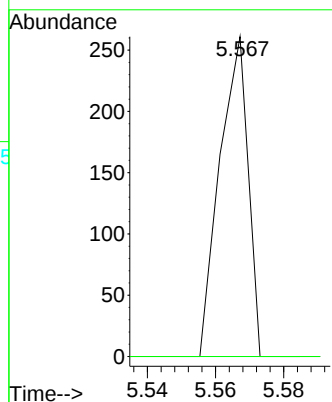
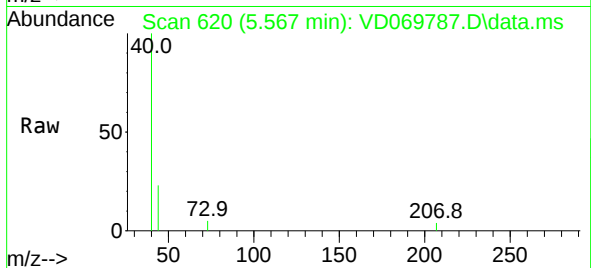


#19

Methyl tert-butyl Ether
Concen: 1.679 ug/l
RT: 5.567 min Scan# 620
Delta R.T. 0.088 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampled :

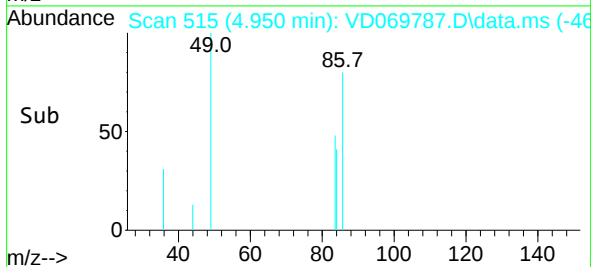
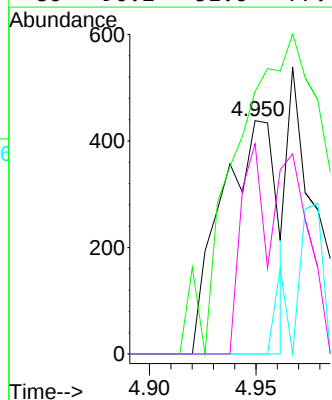
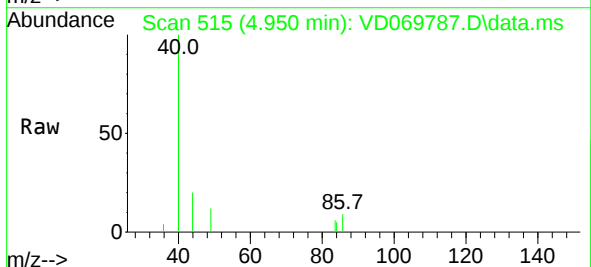
Tgt Ion: 73 Resp: 150
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.2#

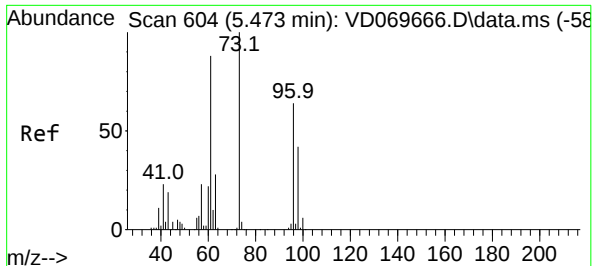


#20

Methylene Chloride
Concen: 7.090 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 84 Resp: 780
Ion Ratio Lower Upper
84 100
49 112.6 95.5 143.3
51 0.0 29.7 44.5#
86 90.2 51.6 77.4#

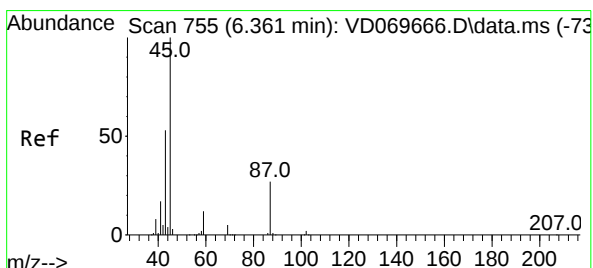
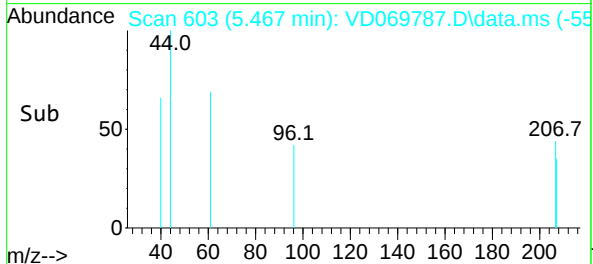
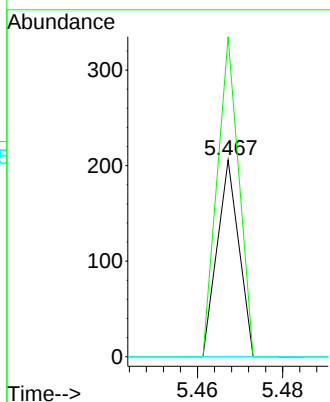
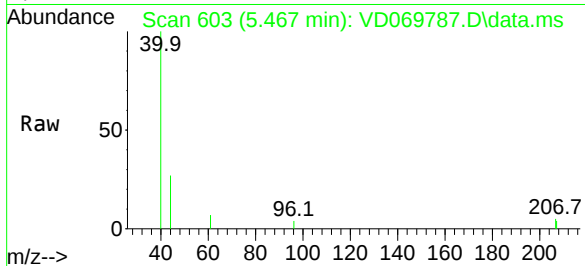




#21
trans-1,2-Dichloroethene
Concen: 1.448 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

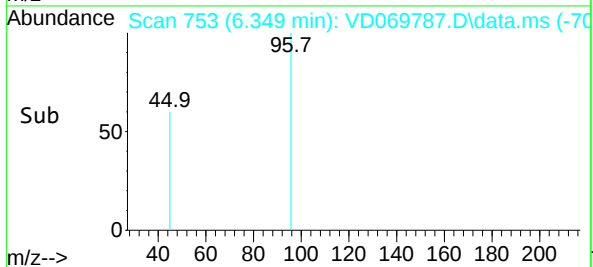
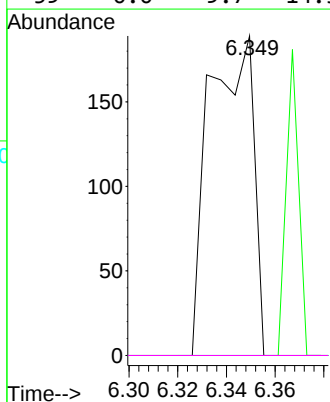
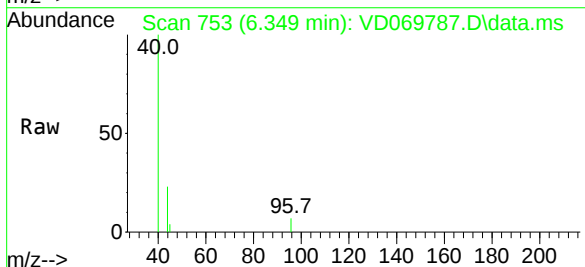
Instrument :
MSVOA_D
ClientSampleId :

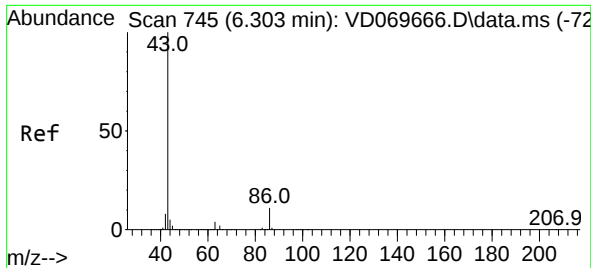
Tgt Ion: 96 Resp: 73
Ion Ratio Lower Upper
96 100
61 162.6 110.9 166.3
98 0.0 52.2 78.2#



#22
Diisopropyl ether
Concen: 1.754 ug/l
RT: 6.349 min Scan# 753
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 45 Resp: 237
Ion Ratio Lower Upper
45 100
43 0.0 42.3 63.5#
87 0.0 21.8 32.8#
59 0.0 9.7 14.5#

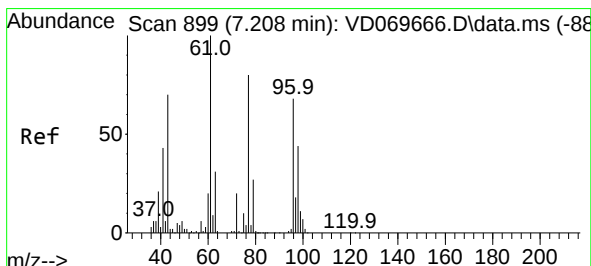
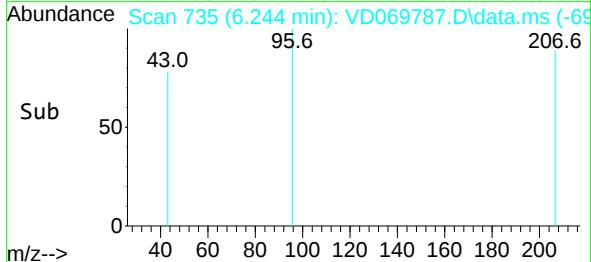
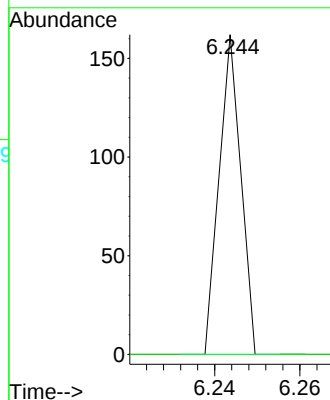
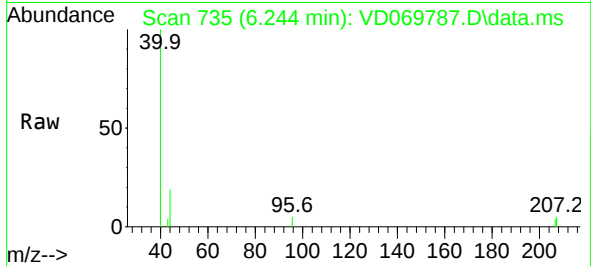




#23
 Vinyl Acetate
 Concen: 16.128 ug/l
 RT: 6.244 min Scan# 735
 Delta R.T. -0.059 min
 Lab File: VD069787.D
 Acq: 21 Jul 2021 13:23

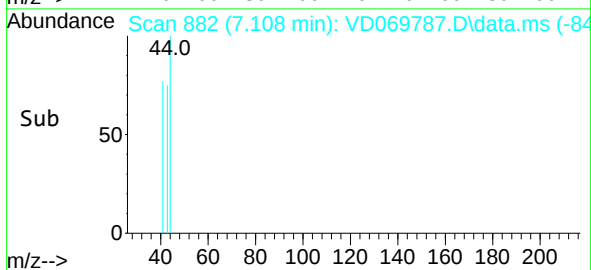
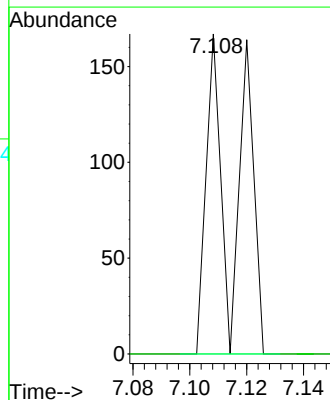
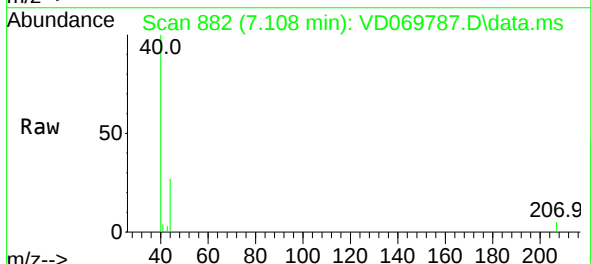
Instrument :
 MSVOA_D
 ClientSampleId :

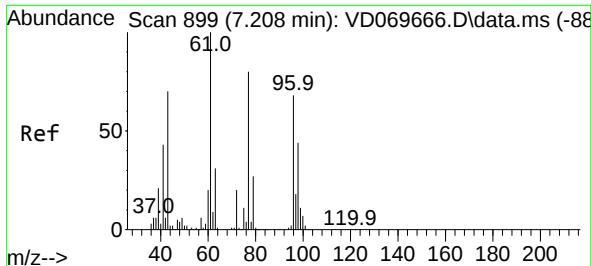
Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 10.244 ug/l
 RT: 7.108 min Scan# 882
 Delta R.T. -0.100 min
 Lab File: VD069787.D
 Acq: 21 Jul 2021 13:23

Tgt Ion: 43 Resp: 117
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.6 33.8#





#27

cis-1,2-Dichloroethene

Concen: 1.104 ug/l

RT: 7.220 min Scan# 901

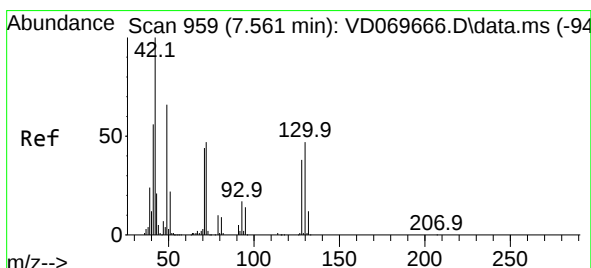
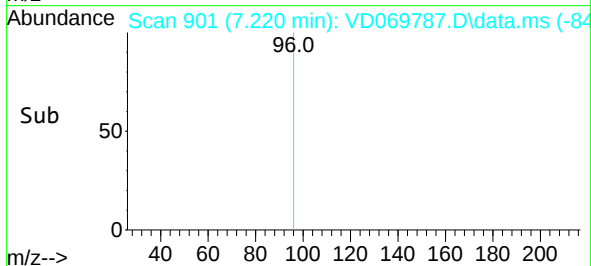
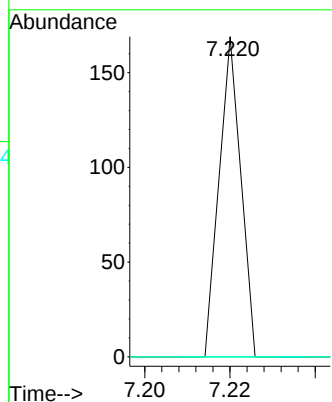
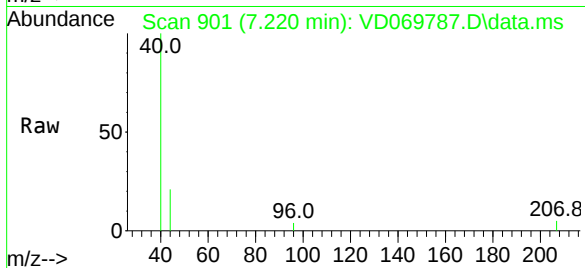
Delta R.T. 0.012 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion:	96	Resp:	60
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	295.8
98	0.0	0.0	127.2

Instrument :
MSVOA_D
ClientSampleId :



#29

Tetrahydrofuran

Concen: 8.338 ug/l

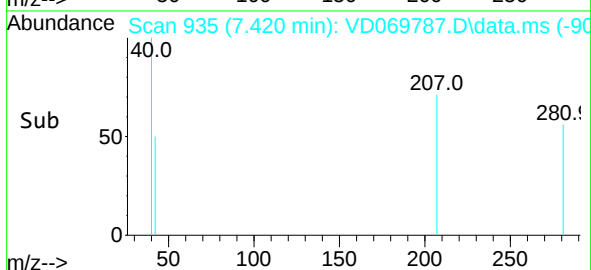
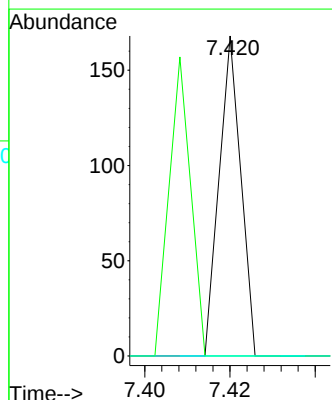
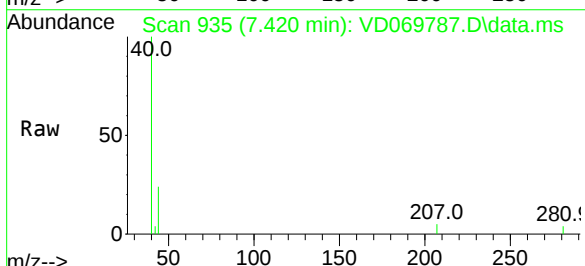
RT: 7.420 min Scan# 935

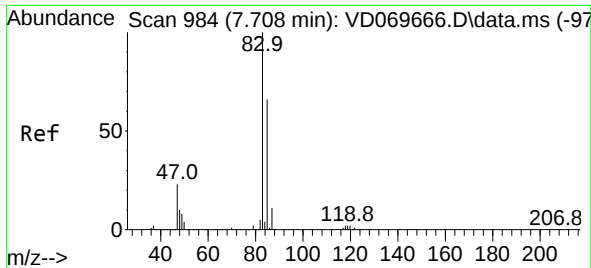
Delta R.T. -0.141 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

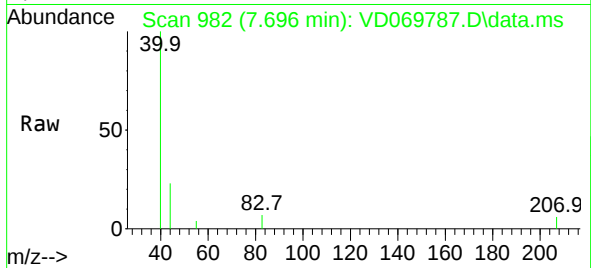
Tgt Ion:	42	Resp:	59
Ion	Ratio	Lower	Upper
42	100		
72	93.2	36.5	54.7#
71	0.0	33.4	50.0#



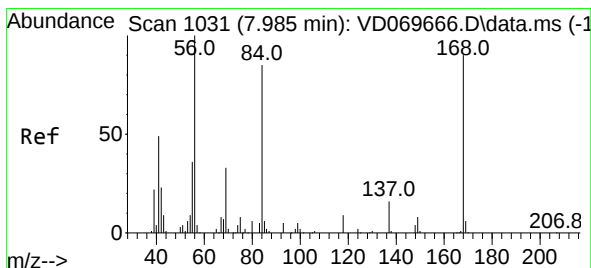
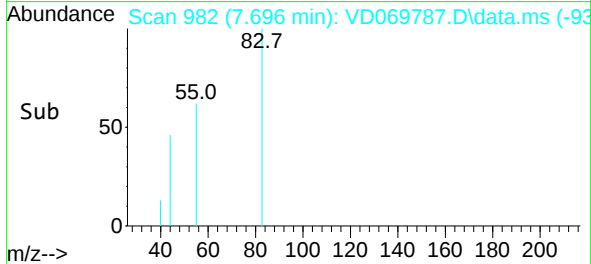
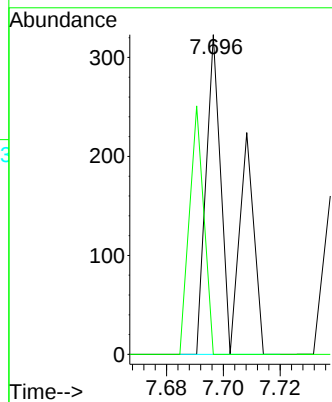


#30
Chloroform
Concen: 2.057 ug/l
RT: 7.696 min Scan# 982
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampled :

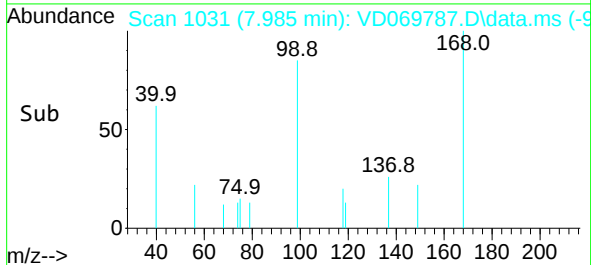
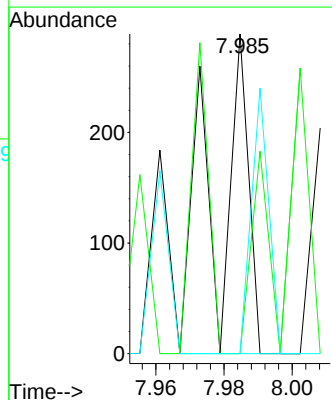
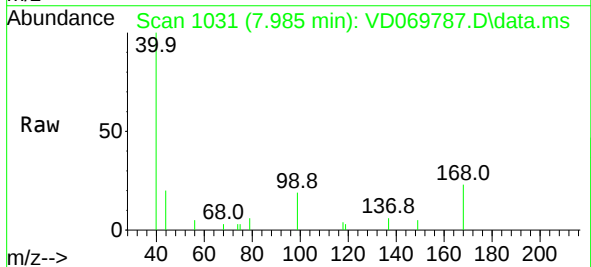


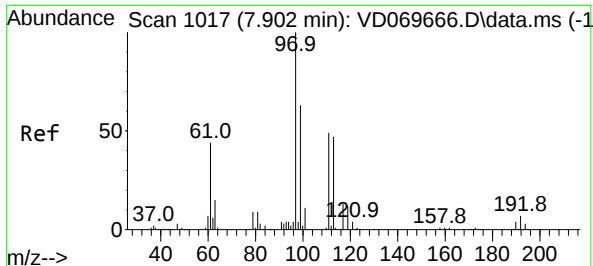
Tgt Ion: 83 Resp: 193
Ion Ratio Lower Upper
83 100
85 0.0 53.0 79.4#



#31
Cyclohexane
Concen: 2.745 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
69 0.0 26.6 39.8#
84 0.0 68.2 102.2#



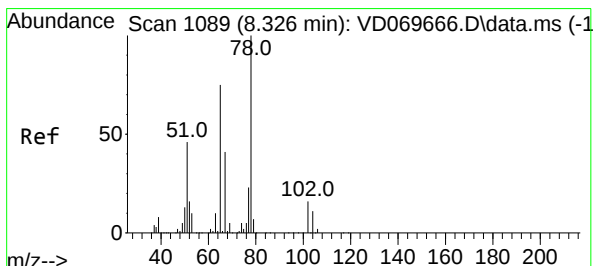
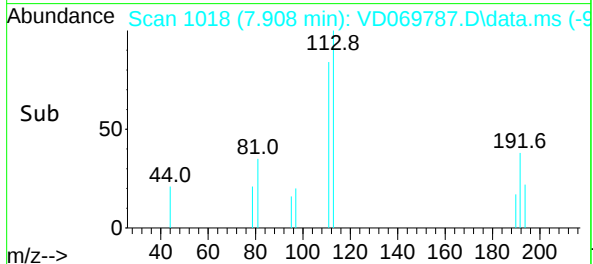
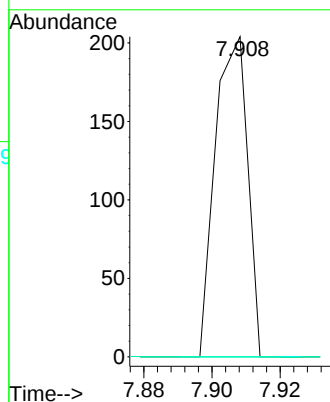
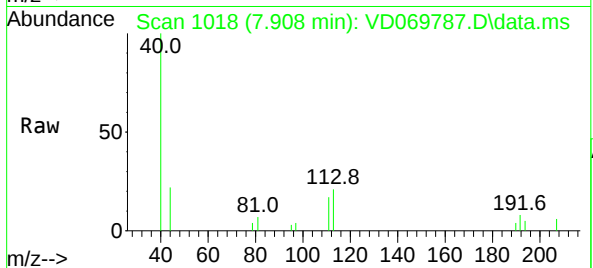


#32

1,1,1-Trichloroethane
Concen: 1.684 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampled :

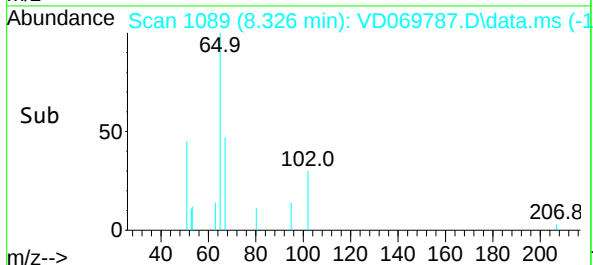
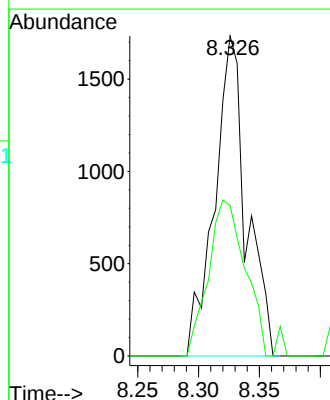
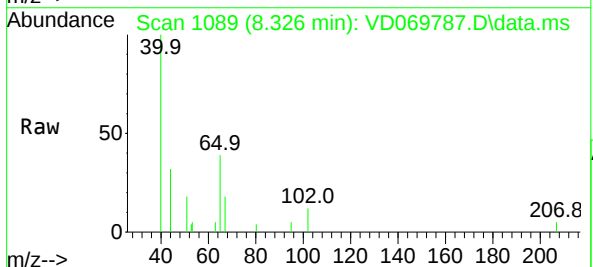
Tgt Ion: 97 Resp: 134
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 0.0 35.6 53.4#

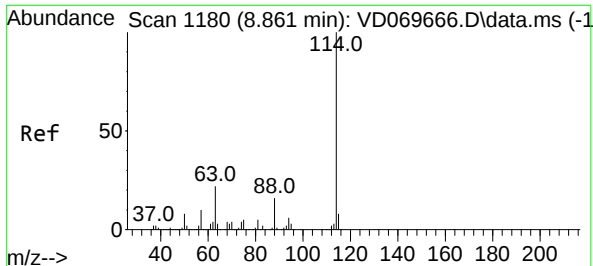


#33

1,2-Dichloroethane-d4
Concen: 65.250 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 65 Resp: 3153
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2

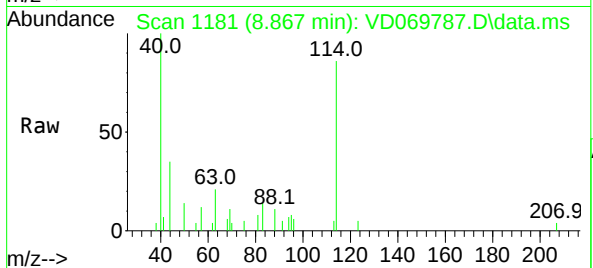




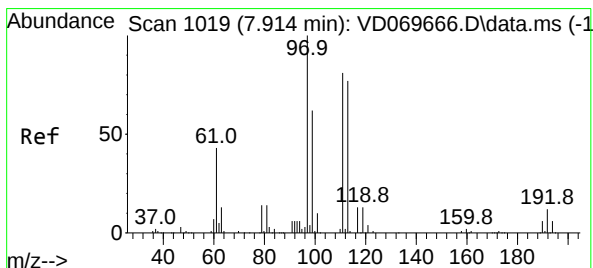
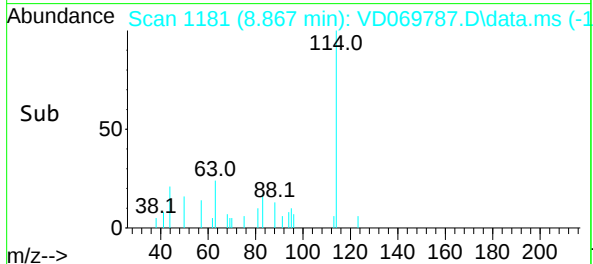
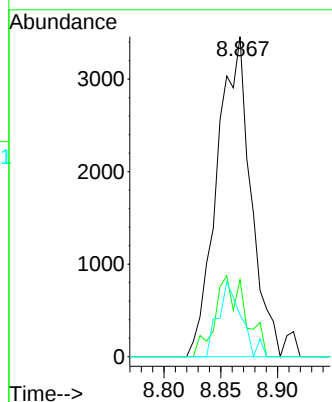
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampled :

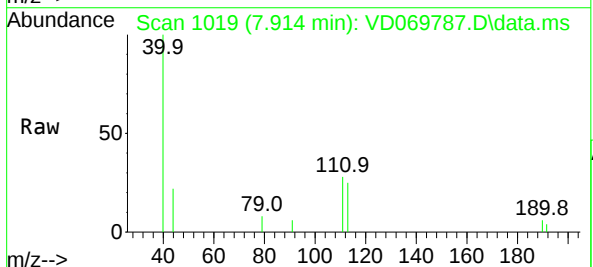


Tgt Ion:	114	Resp:	7147
Ion Ratio	100	Lower	Upper
63	24.0	0.0	43.4
88	13.0	0.0	32.0

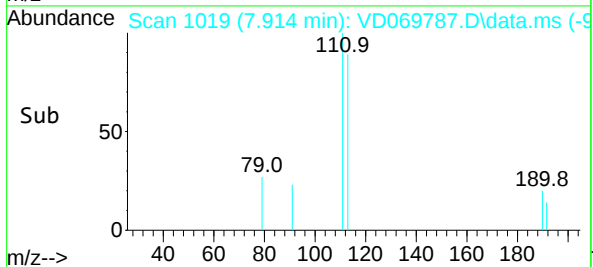
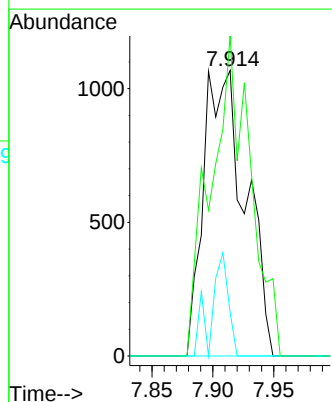


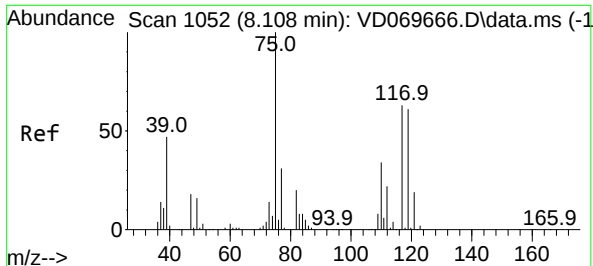
#35

Dibromofluoromethane
Concen: 53.162 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23



Tgt Ion:	113	Resp:	2549
Ion Ratio	100	Lower	Upper
111	106.7	82.6	123.8
192	14.9	12.7	19.1

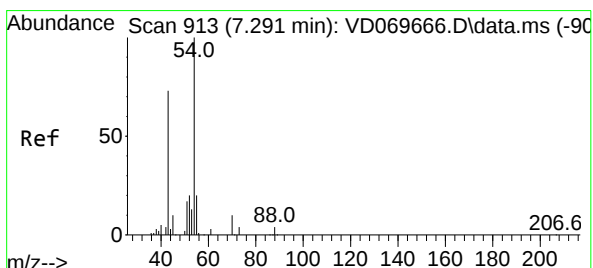
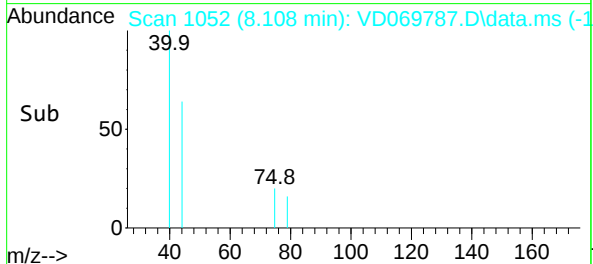
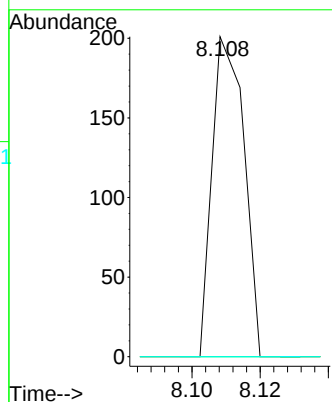
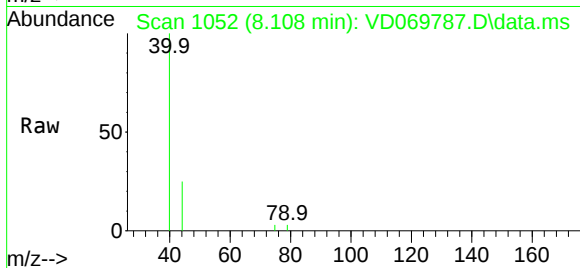




#36
1,1-Dichloropropene
Concen: 1.777 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

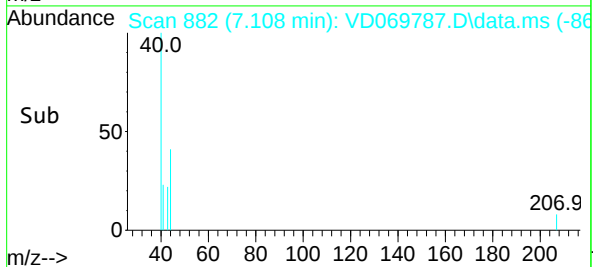
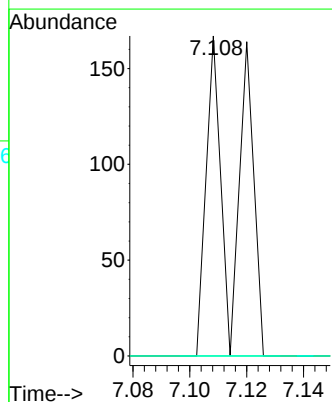
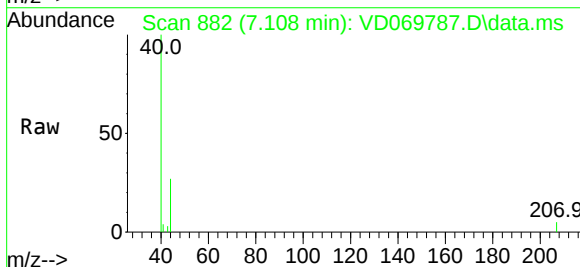
Instrument :
MSVOA_D
ClientSampled :

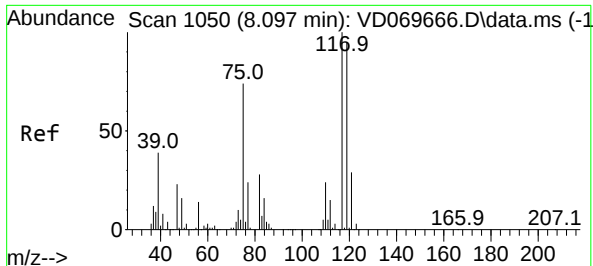
Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.195 ug/l
RT: 7.108 min Scan# 882
Delta R.T. -0.183 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

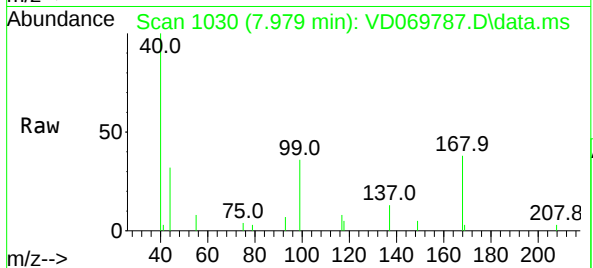
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.4 12.6#



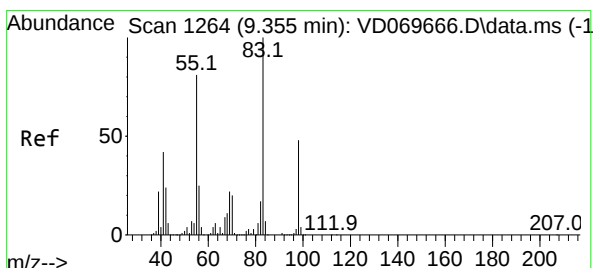
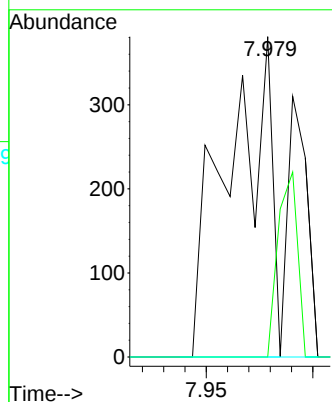
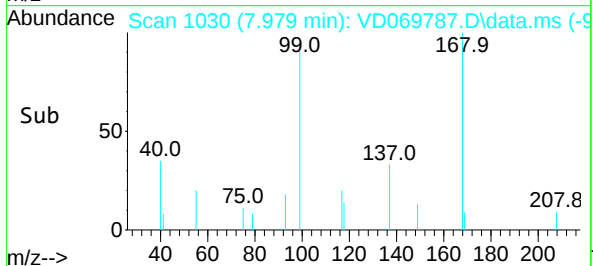


#38
Carbon Tetrachloride
Concen: 8.013 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

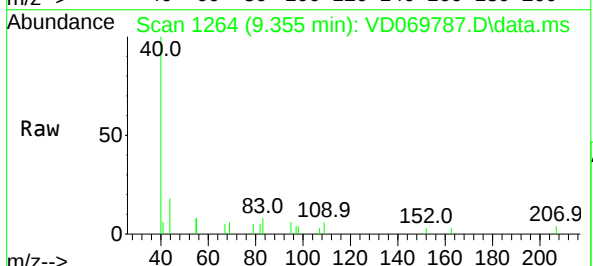
Instrument :
MSVOA_D
ClientSampleId :



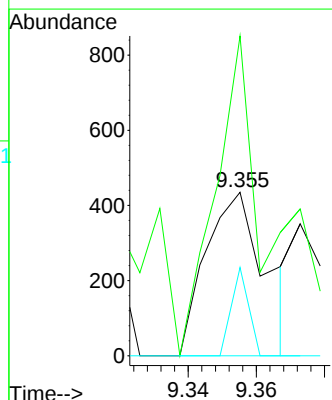
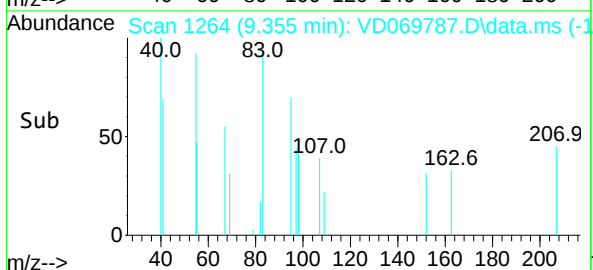
Tgt Ion:117 Resp: 541
Ion Ratio Lower Upper
117 100
119 0.0 75.7 113.5#
121 0.0 23.0 34.6#

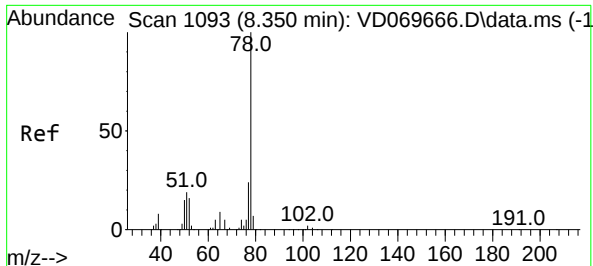


#39
Methylcyclohexane
Concen: 7.707 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23



Tgt Ion: 83 Resp: 527
Ion Ratio Lower Upper
83 100
55 195.6 64.6 97.0#
98 54.0 38.4 57.6

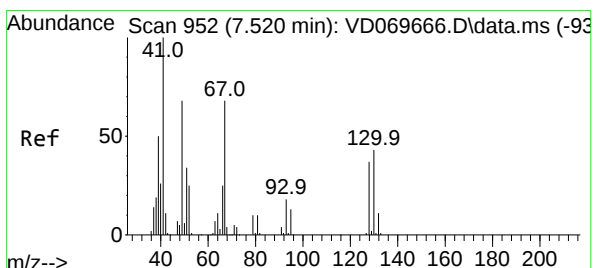
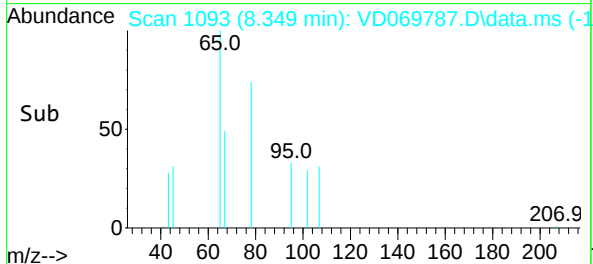
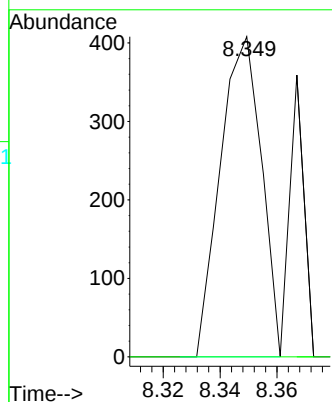
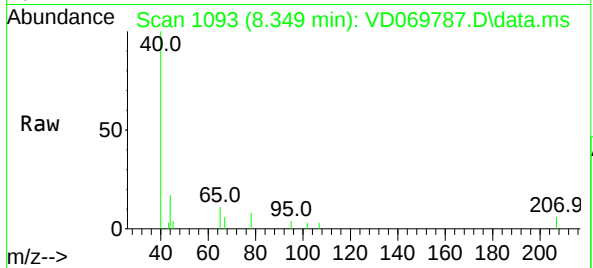




#40
Benzene
Concen: 1.923 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.001 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

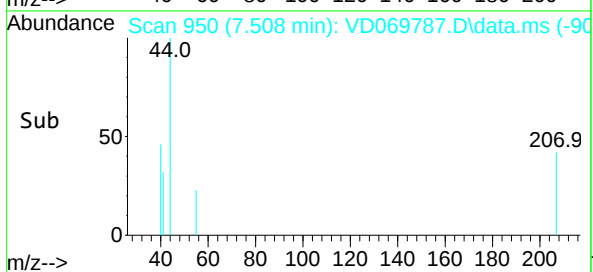
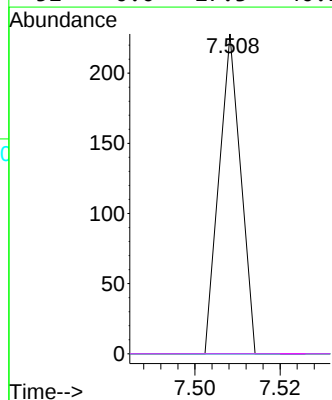
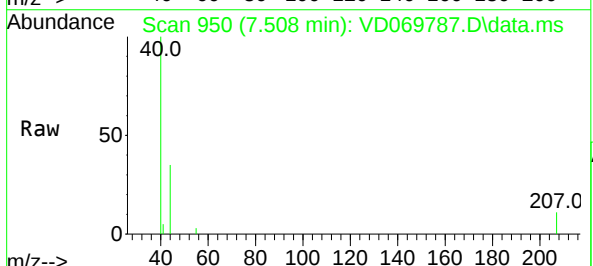
Instrument :
MSVOA_D
ClientSampled :

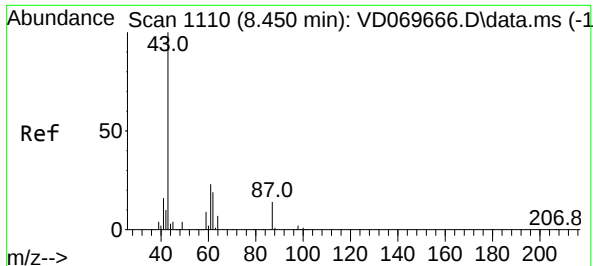
Tgt Ion: 78 Resp: 409
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 5.535 ug/l
RT: 7.508 min Scan# 950
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
39 0.0 47.4 71.0#
67 0.0 67.0 100.6#
52 0.0 27.3 40.9#





#43

Isopropyl Acetate

Concen: 1.175 ug/l

RT: 8.496 min Scan# 1118

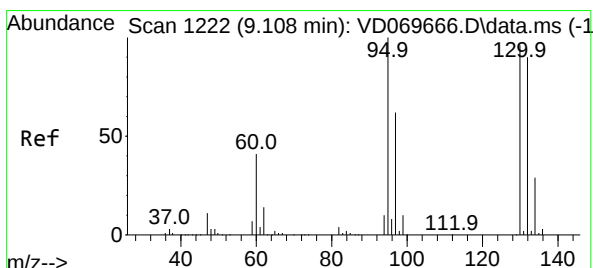
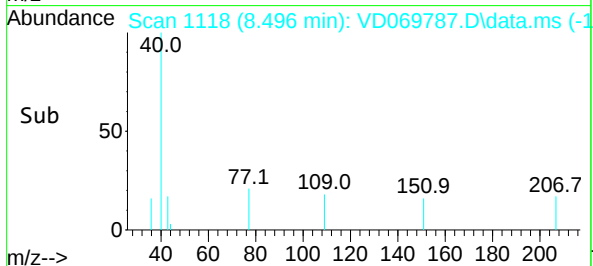
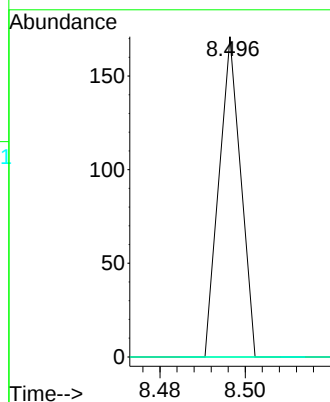
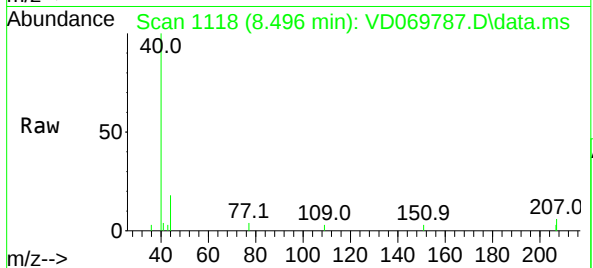
Delta R.T. 0.046 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion: 43	Resp: 60
Ion Ratio	Lower Upper
43	100
61	0.0 27.8 41.6#
87	0.0 11.0 16.6#

Instrument :
MSVOA_D
ClientSampleId :



#44

Trichloroethene

Concen: 1.338 ug/l

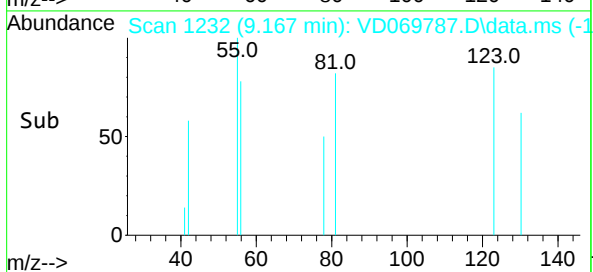
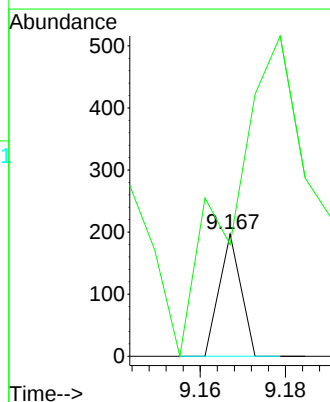
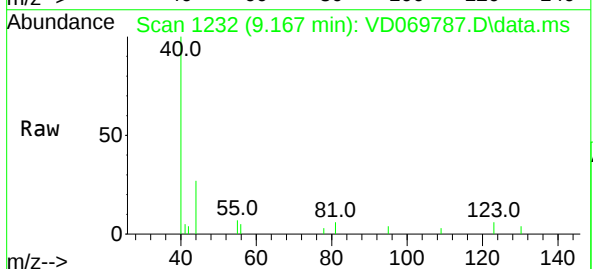
RT: 9.167 min Scan# 1232

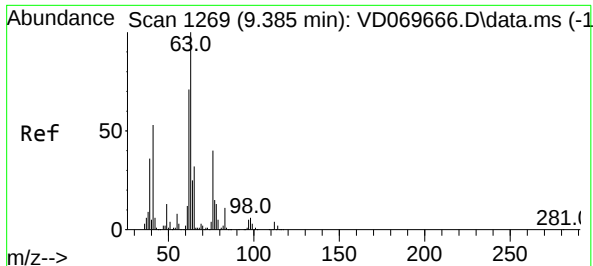
Delta R.T. 0.059 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion: 130	Resp: 69
Ion Ratio	Lower Upper
130	100
95	91.4 0.0 208.2

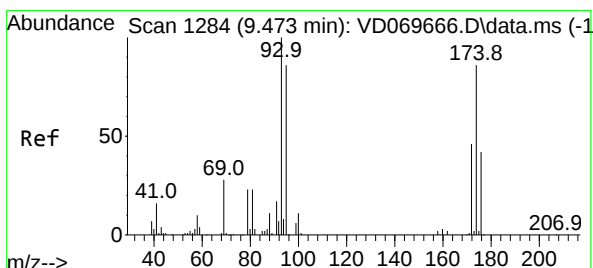
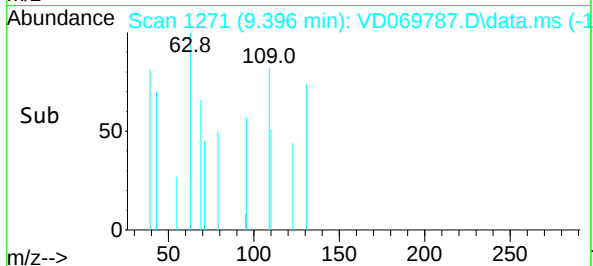
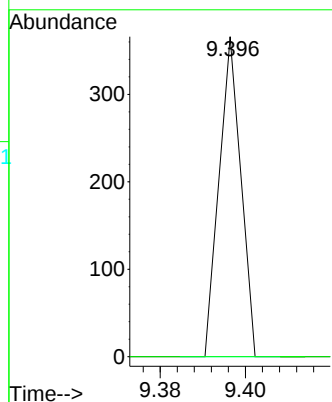
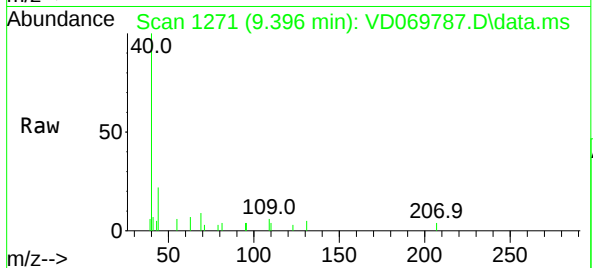




#45
1,2-Dichloropropane
Concen: 2.308 ug/l
RT: 9.396 min Scan# 1271
Delta R.T. 0.011 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

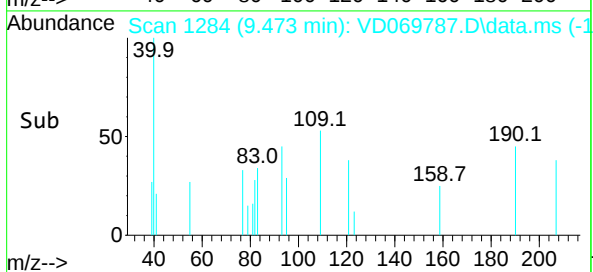
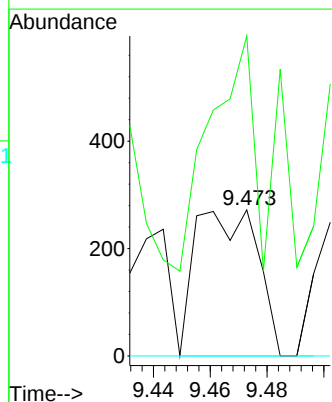
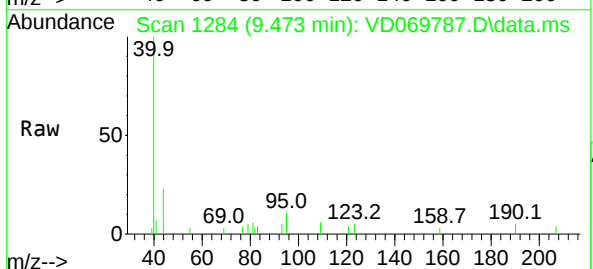
Instrument :
MSVOA_D
ClientSampled :

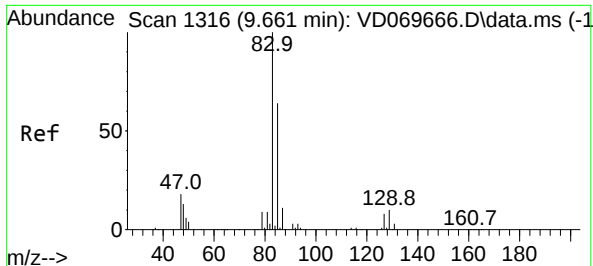
Tgt Ion: 63 Resp: 129
Ion Ratio Lower Upper
63 100
65 0.0 25.5 38.3#



#46
Dibromomethane
Concen: 15.176 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 93 Resp: 414
Ion Ratio Lower Upper
93 100
95 142.3 66.3 99.5#
174 0.0 67.0 100.6#





#47

Bromodichloromethane

Concen: 7.303 ug/l

RT: 9.649 min Scan# 1314

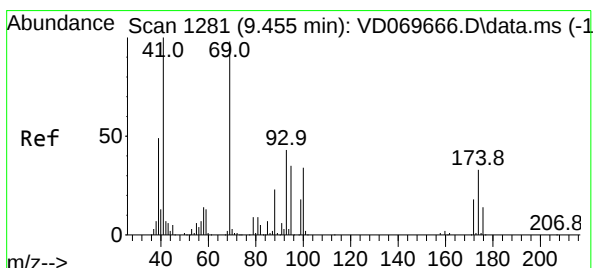
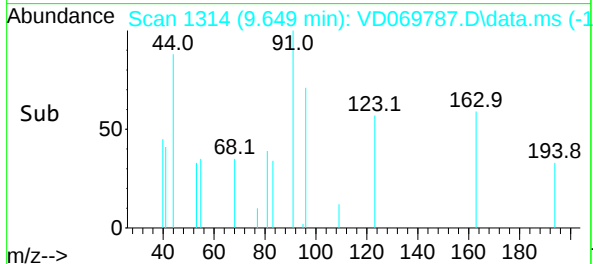
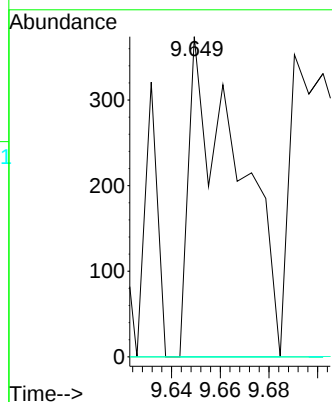
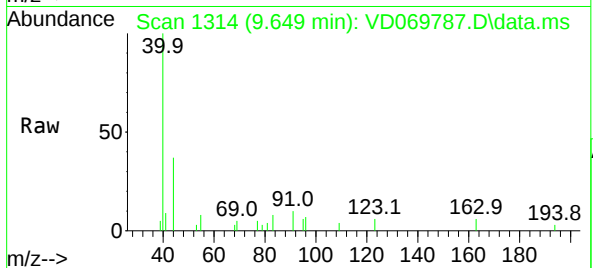
Delta R.T. -0.012 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion: 83	Resp: 528
Ion Ratio	Lower Upper
83 100	
85 0.0	51.4 77.0#
127 0.0	6.7 10.1#

Instrument :
MSVOA_D
ClientSampleId :



#48

Methyl methacrylate

Concen: 17.960 ug/l

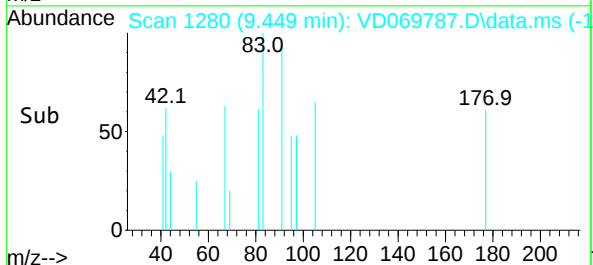
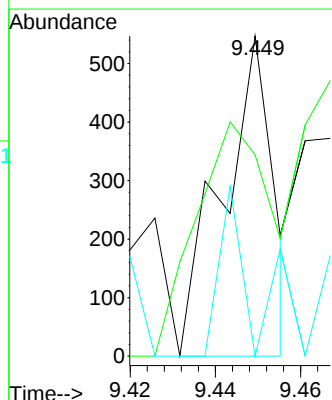
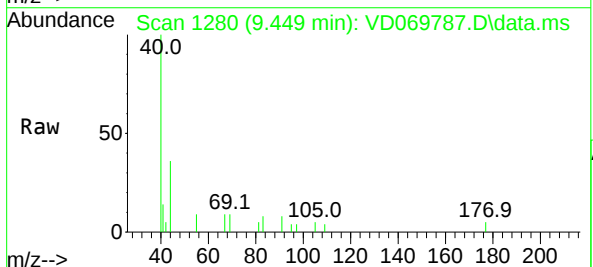
RT: 9.449 min Scan# 1280

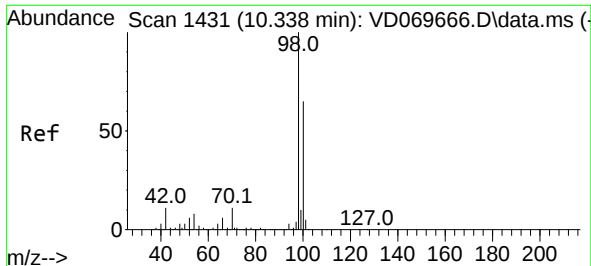
Delta R.T. -0.006 min

Lab File: VD069787.D

Acq: 21 Jul 2021 13:23

Tgt Ion: 41	Resp: 457
Ion Ratio	Lower Upper
41 100	
69 106.8	71.6 107.4
39 36.5	36.7 55.1#

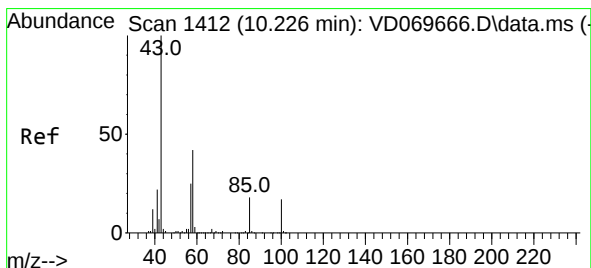
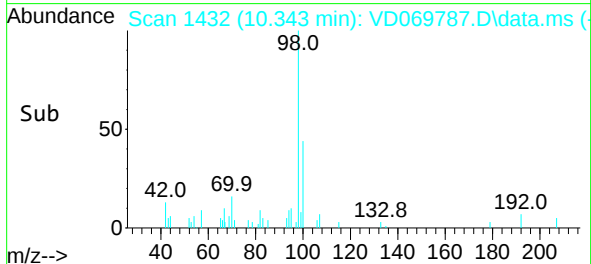
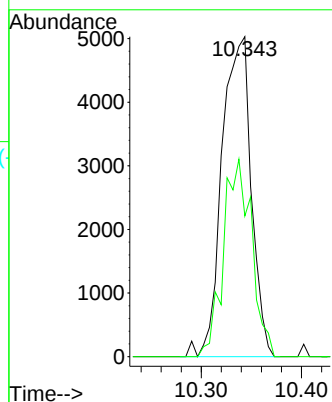
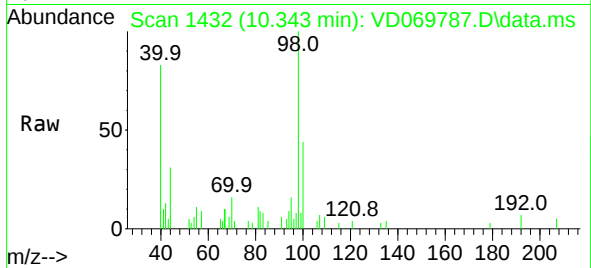




#50
Toluene-d8
Concen: 54.779 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

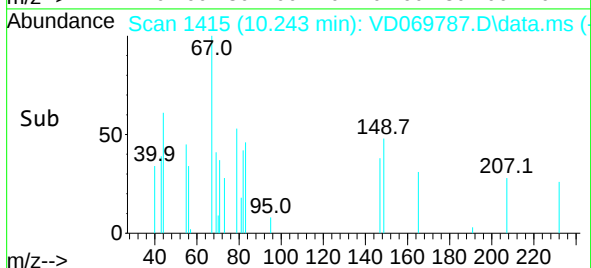
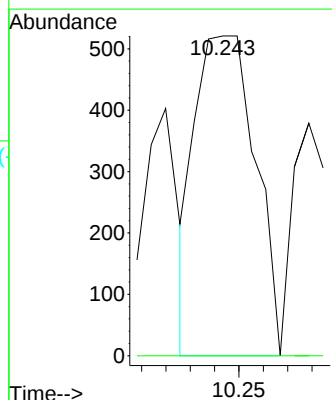
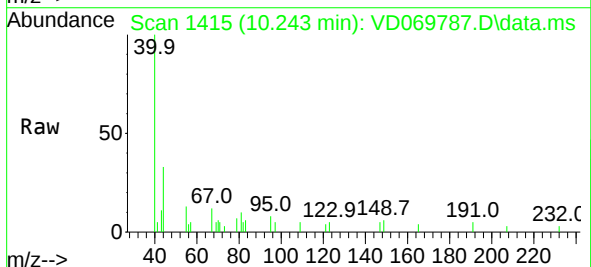
Instrument :
MSVOA_D
ClientSampled :

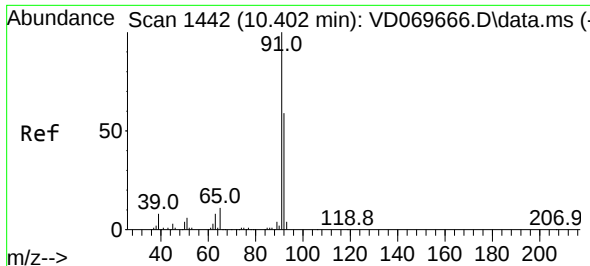
Tgt Ion: 98 Resp: 10204
Ion Ratio Lower Upper
98 100
100 59.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 33.952 ug/l
RT: 10.243 min Scan# 1415
Delta R.T. 0.017 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#

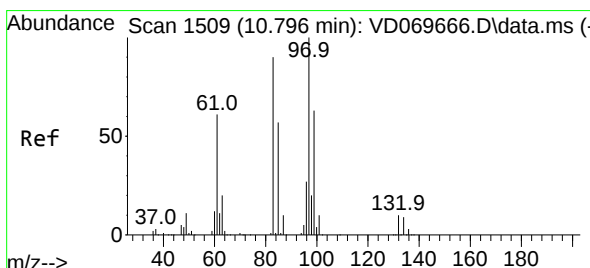
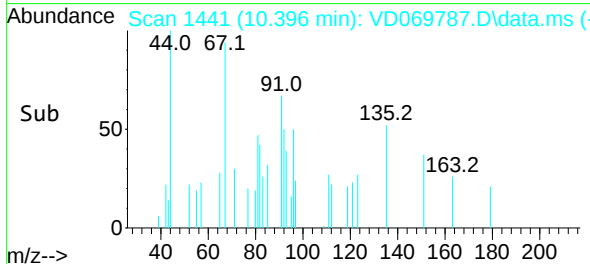
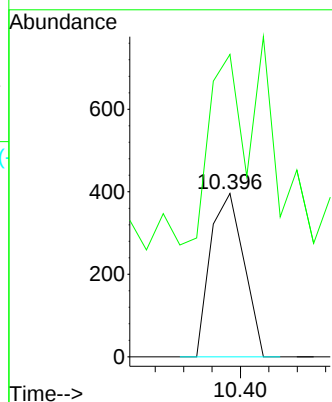
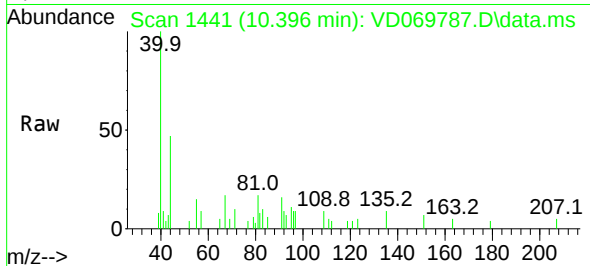




#52
Toluene
Concen: 2.533 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

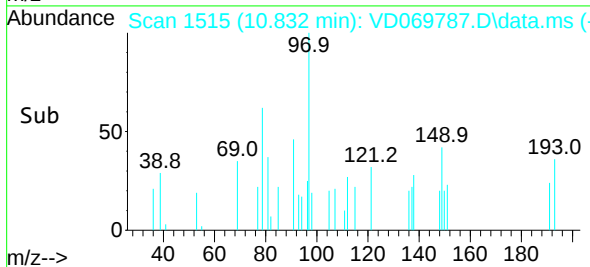
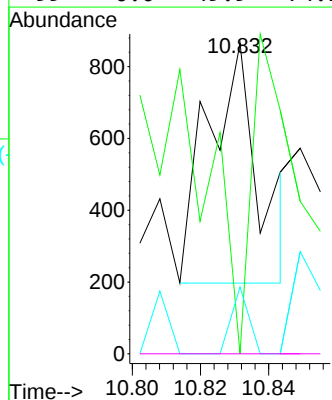
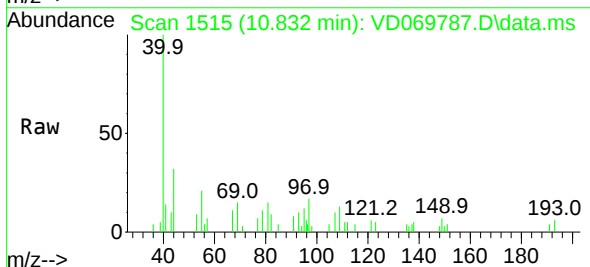
Instrument :
MSVOA_D
ClientSampled :

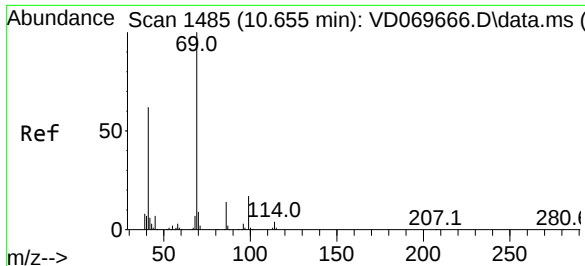
Tgt Ion: 92 Resp: 324
Ion Ratio Lower Upper
92 100
91 633.0 137.6 206.4#



#55
1,1,2-Trichloroethane
Concen: 18.422 ug/l
RT: 10.832 min Scan# 1515
Delta R.T. 0.036 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 97 Resp: 703
Ion Ratio Lower Upper
97 100
83 0.0 72.3 108.5#
85 27.8 45.5 68.3#
99 0.0 49.9 74.9#

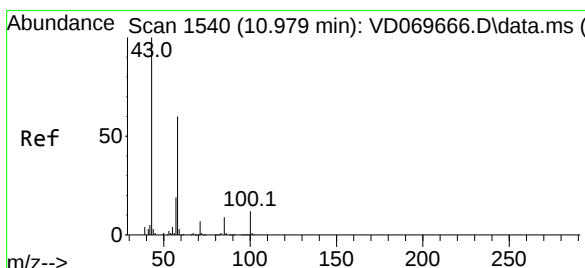
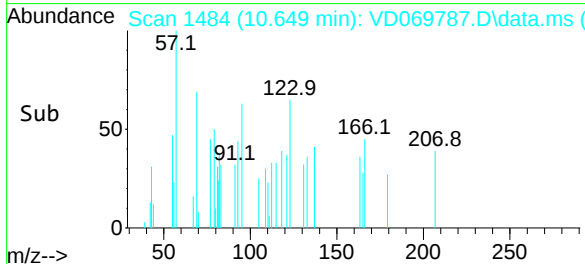
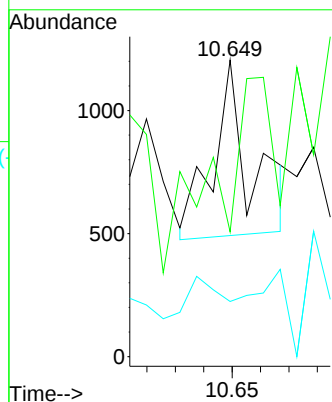
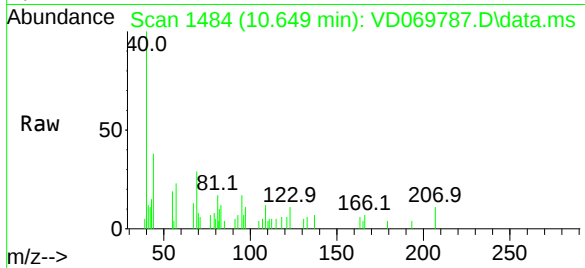




#56
Ethyl methacrylate
Concen: 14.771 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

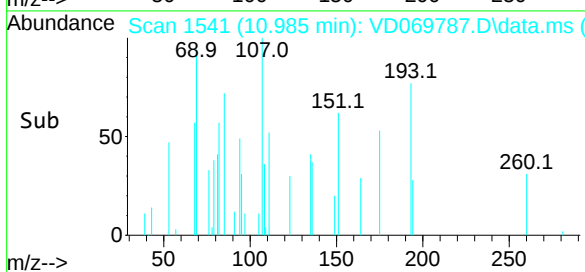
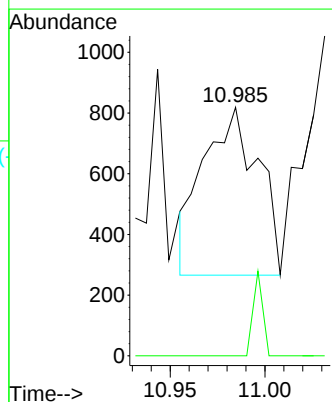
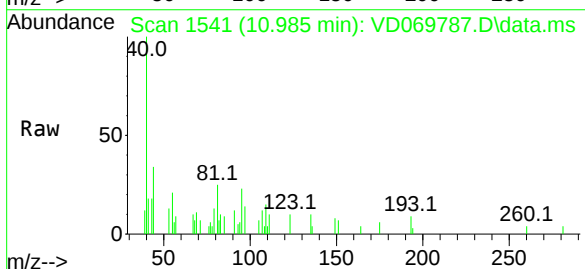
Instrument :
MSVOA_D
ClientSampled :

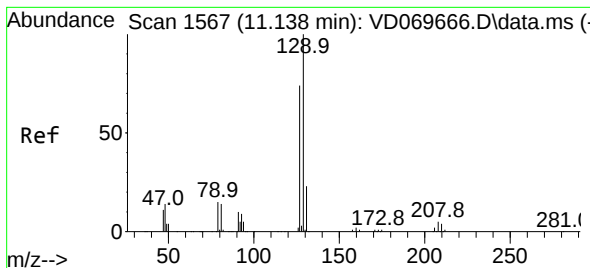
Tgt Ion: 69 Resp: 661
Ion Ratio Lower Upper
69 100
41 169.6 49.5 74.3#
39 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 63.020 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 8.8 29.1 87.4#

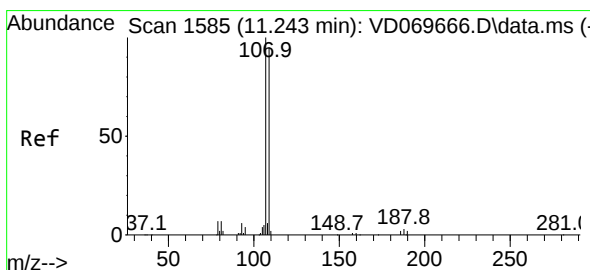
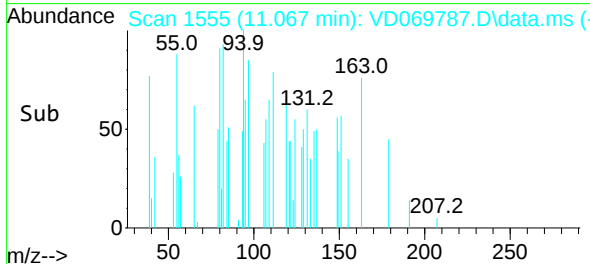
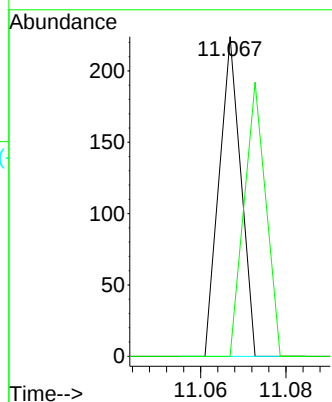
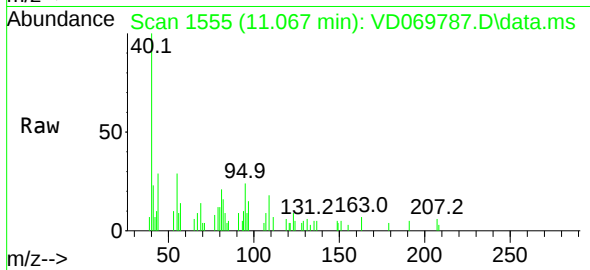




#60
Dibromochloromethane
Concen: 1.775 ug/l
RT: 11.067 min Scan# 1555
Delta R.T. -0.071 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

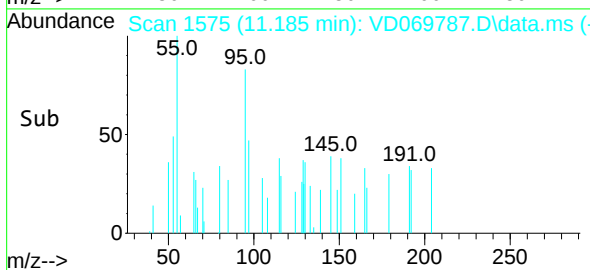
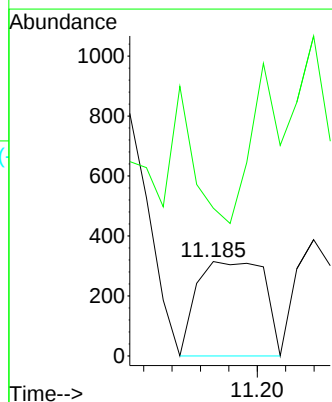
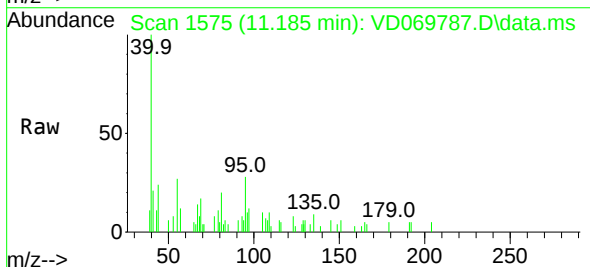
Instrument :
MSVOA_D
ClientSampled :

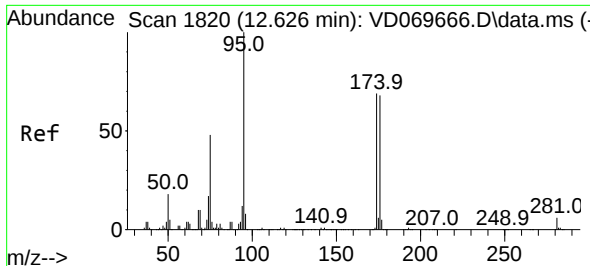
Tgt Ion:129 Resp: 79
Ion Ratio Lower Upper
129 100
127 86.1 39.1 117.2



#61
1,2-Dibromoethane
Concen: 14.630 ug/l
RT: 11.185 min Scan# 1575
Delta R.T. -0.058 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:107 Resp: 518
Ion Ratio Lower Upper
107 100
109 86.5 74.7 112.1

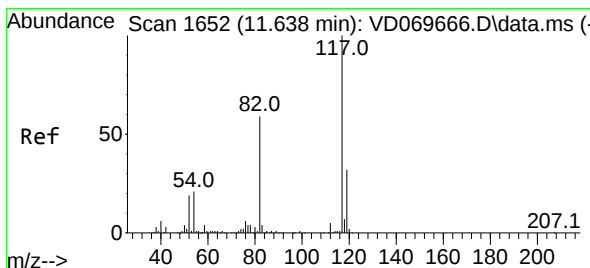
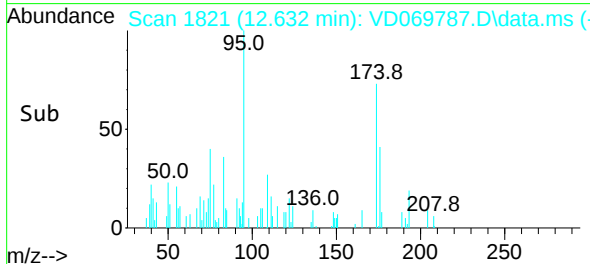
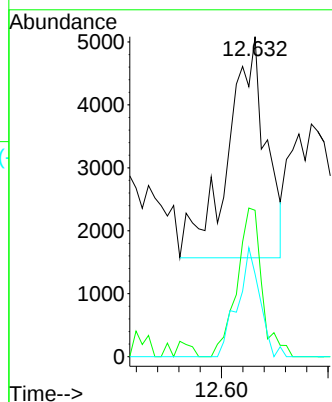
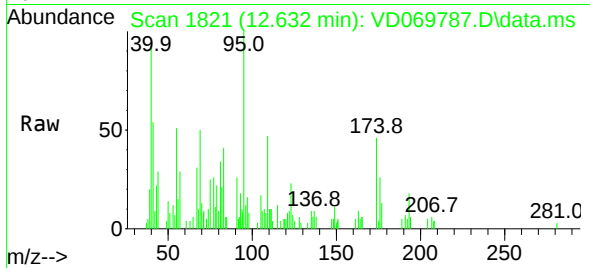




#62
4-Bromofluorobenzene
Concen: 140.377 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

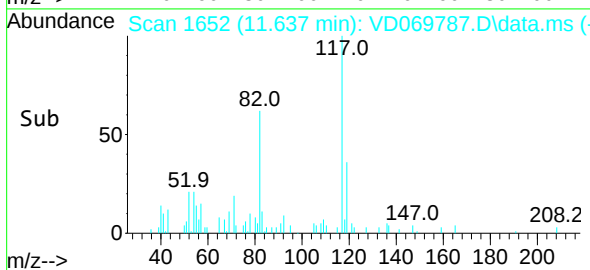
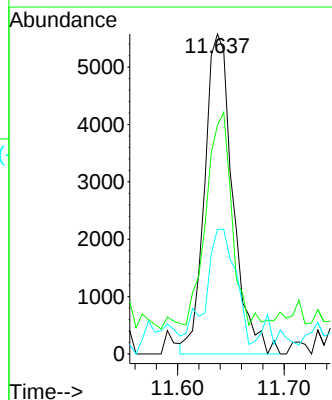
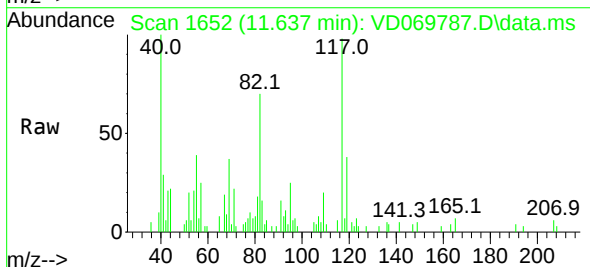
Instrument :
MSVOA_D
ClientSampleId :

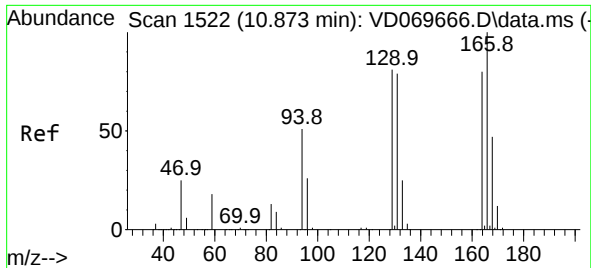
Tgt Ion:	95	Resp:	8721
Ion	Ratio	Lower	Upper
95	100		
174	44.3	0.0	140.0
176	28.8	0.0	136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:	117	Resp:	10241
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	33.4	25.5	38.3

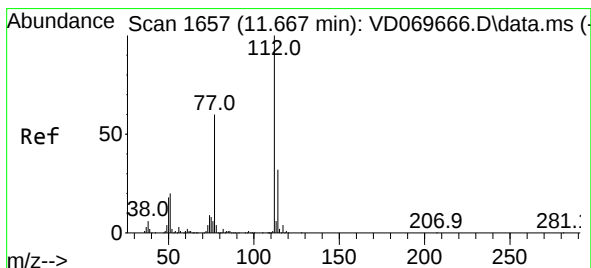
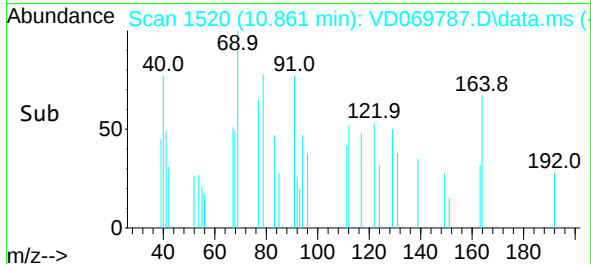
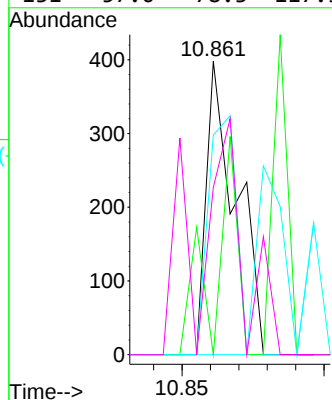
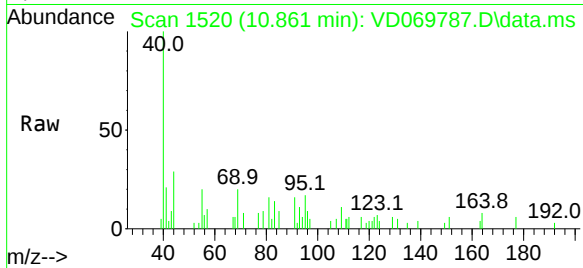




#64
Tetrachloroethene
Concen: 4.653 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

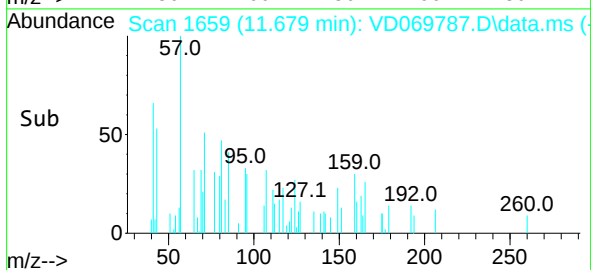
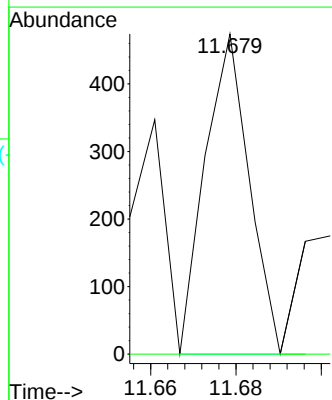
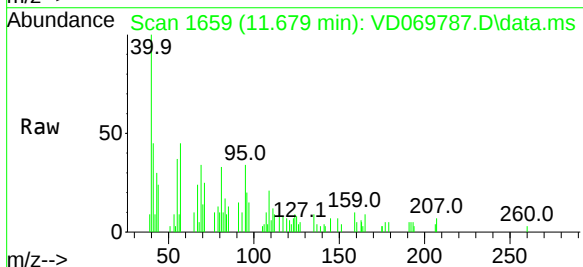
Instrument :
MSVOA_D
ClientSampleId :

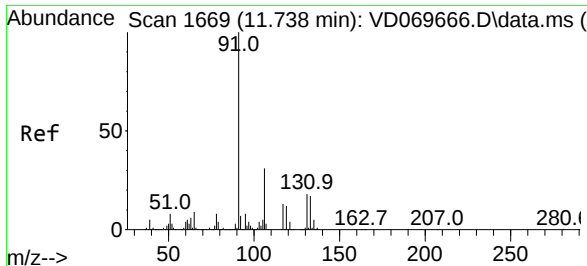
Tgt Ion:	164	Resp:	291
Ion	Ratio	Lower	Upper
164	100		
166	0.0	99.6	149.4#
129	74.9	80.8	121.2#
131	57.0	78.3	117.5#



#65
Chlorobenzene
Concen: 1.662 ug/l
RT: 11.679 min Scan# 1659
Delta R.T. 0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:	112	Resp:	340
Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.7	38.5#

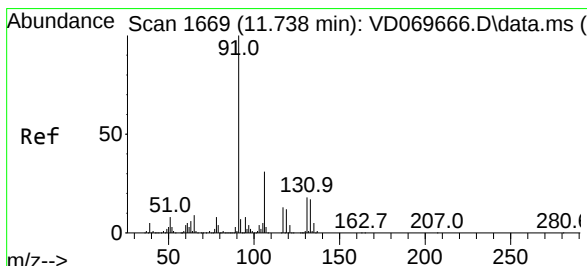
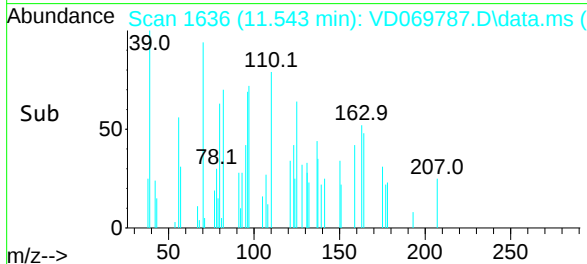
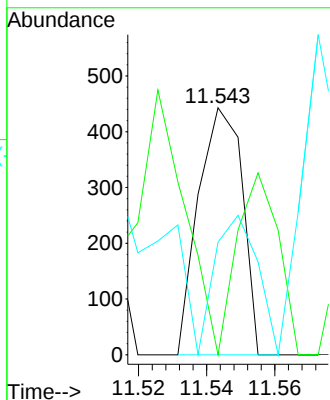
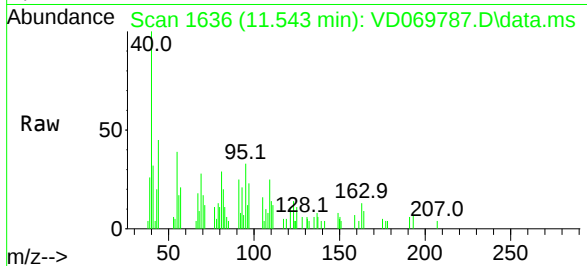




#66
1,1,1,2-Tetrachloroethane
Concen: 5.419 ug/l
RT: 11.543 min Scan# 1636
Delta R.T. -0.195 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

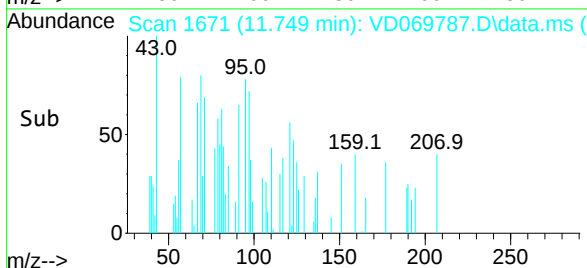
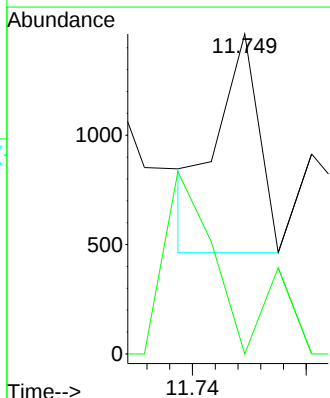
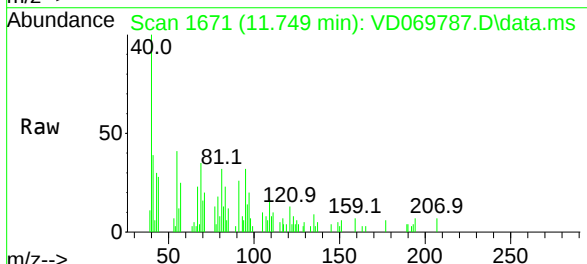
Instrument :
MSVOA_D
ClientSampleId :

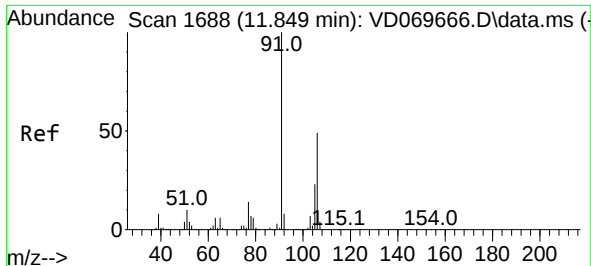
Tgt Ion:131 Resp: 396
Ion Ratio Lower Upper
131 100
133 68.9 47.3 142.0
119 55.3 33.9 101.6



#67
Ethyl Benzene
Concen: 1.377 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.011 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 91 Resp: 499
Ion Ratio Lower Upper
91 100
106 0.0 24.6 37.0#

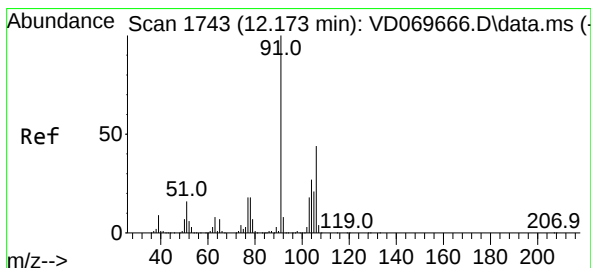
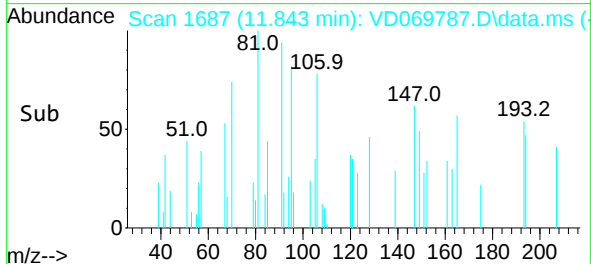
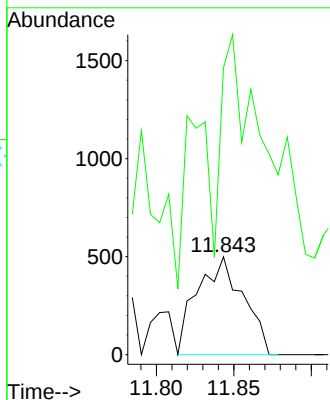
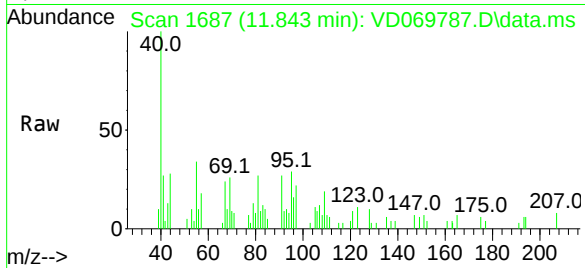




#68
m/p-Xylenes
Concen: 7.511 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

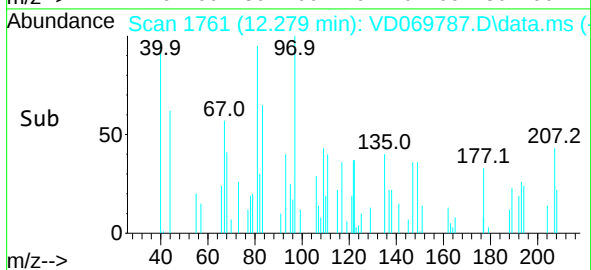
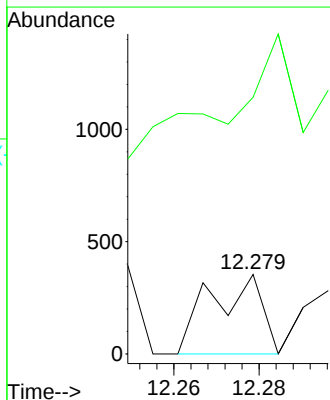
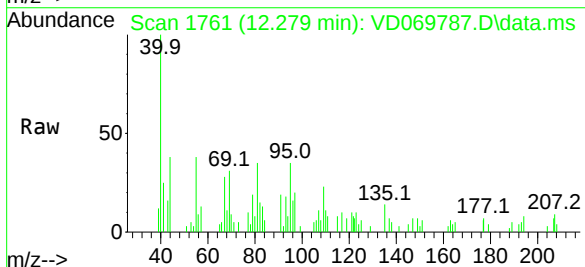
Instrument :
MSVOA_D
ClientSampled :

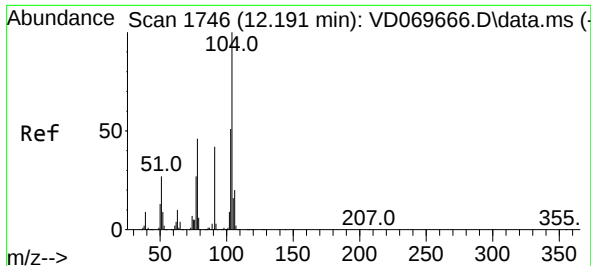
Tgt Ion:106 Resp: 1029
Ion Ratio Lower Upper
106 100
91 208.5 164.5 246.7



#69
o-Xylene
Concen: 2.381 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.106 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:106 Resp: 297
Ion Ratio Lower Upper
106 100
91 110.8 109.3 327.9

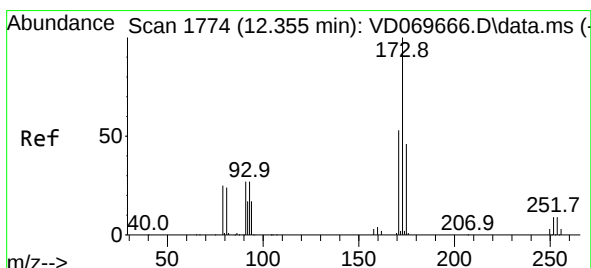
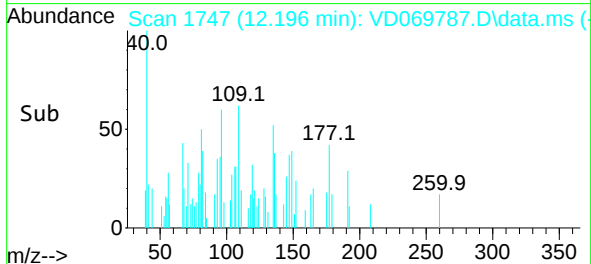
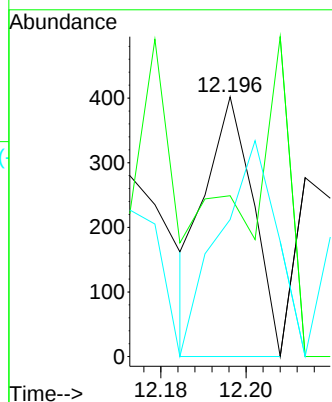
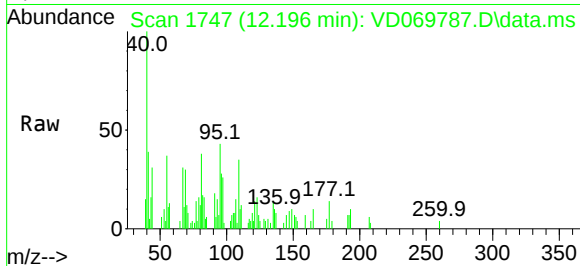




#70
Styrene
Concen: 1.433 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.005 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

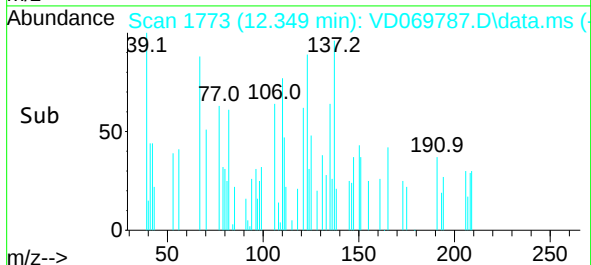
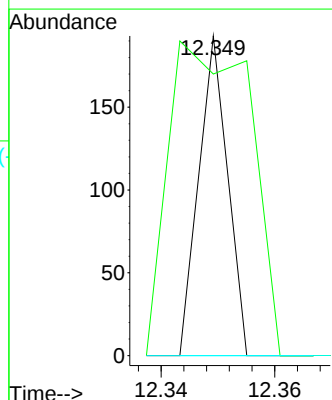
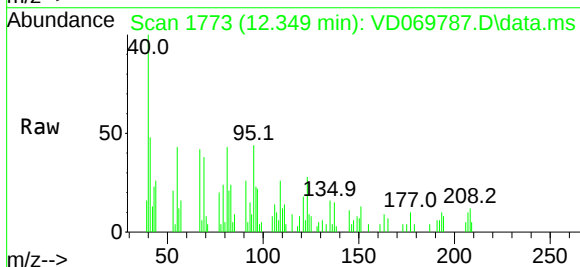
Instrument :
MSVOA_D
ClientSampled :

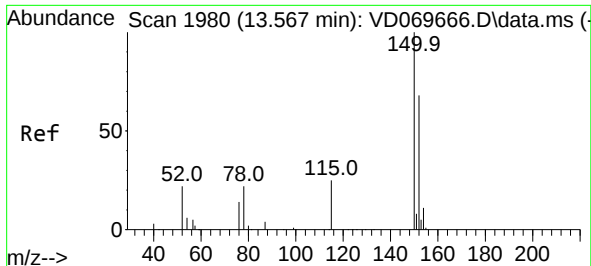
Tgt Ion:104 Resp: 312
Ion Ratio Lower Upper
104 100
78 0.0 40.4 60.6#
103 0.0 43.9 65.9#



#71
Bromoform
Concen: 1.919 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:173 Resp: 68
Ion Ratio Lower Upper
173 100
175 279.4 24.2 72.6#
254 0.0 0.1 0.1#

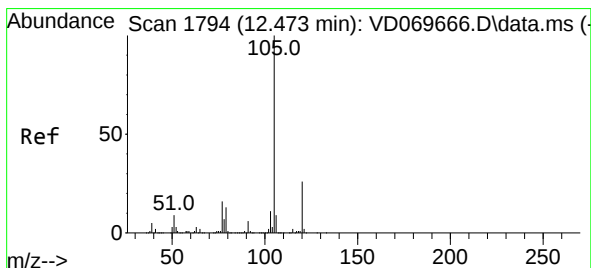
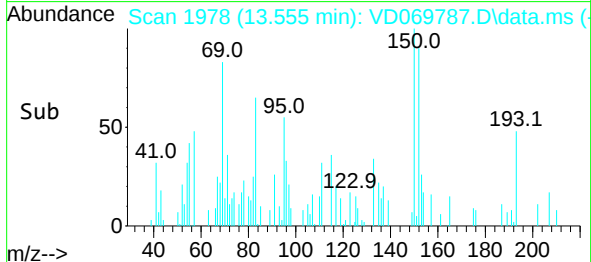
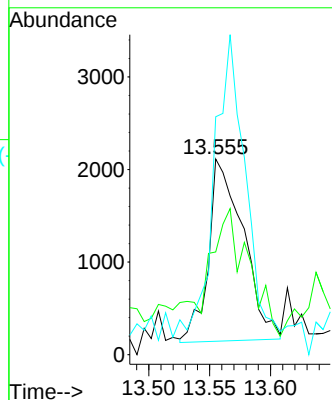
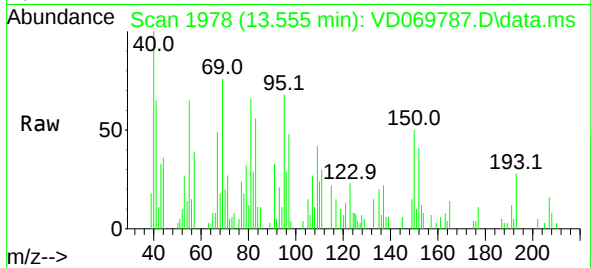




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

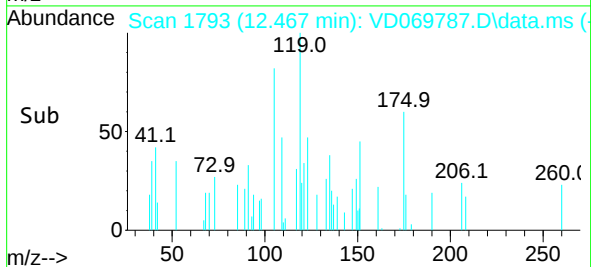
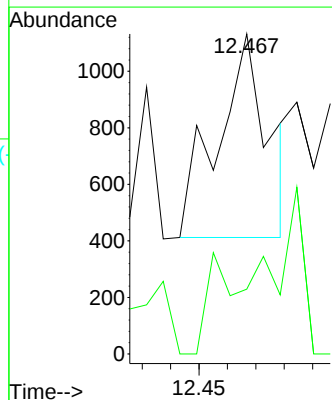
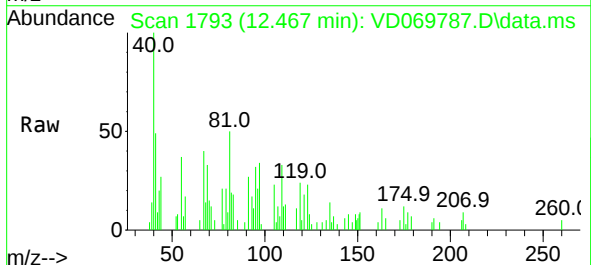
Instrument :
MSVOA_D
ClientSampleId :

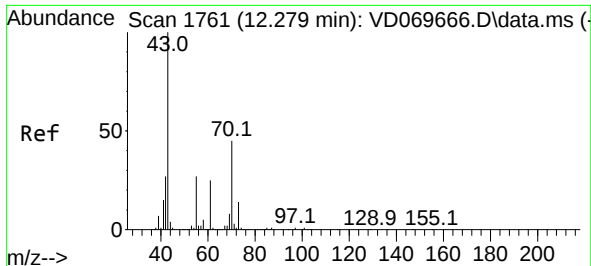
Tgt Ion:152 Resp: 3913
Ion Ratio Lower Upper
152 100
115 91.9 31.7 95.1
150 154.4 0.0 350.4



#73
Isopropylbenzene
Concen: 3.194 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:105 Resp: 890
Ion Ratio Lower Upper
105 100
120 31.5 13.0 39.0

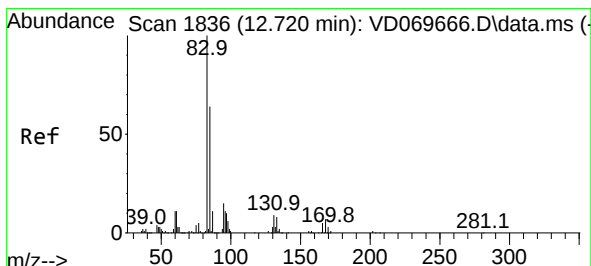
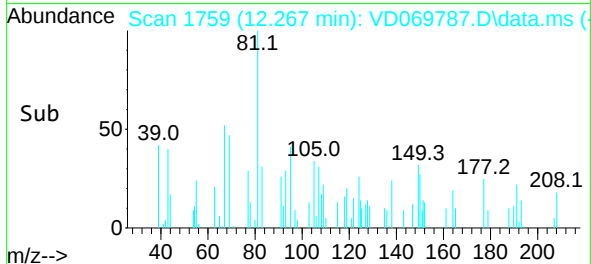
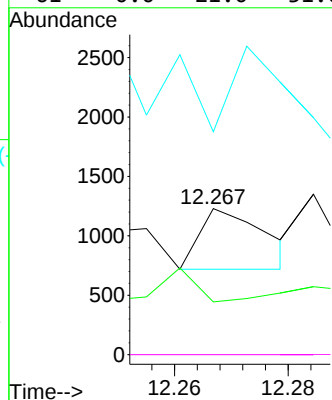
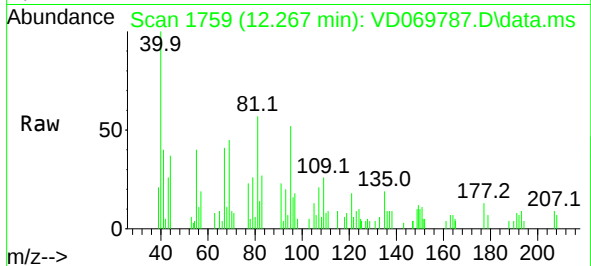




#74
N-amy1 acetate
Concen: 6.722 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

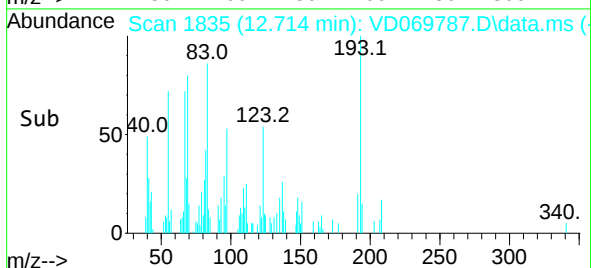
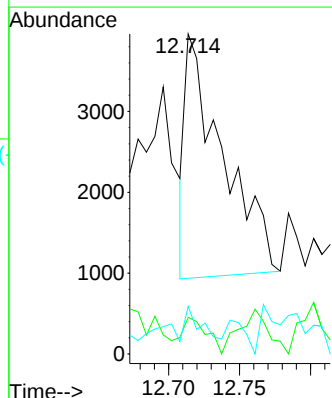
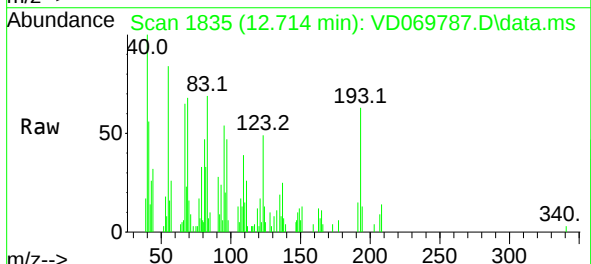
Instrument :
MSVOA_D
ClientSampleId :

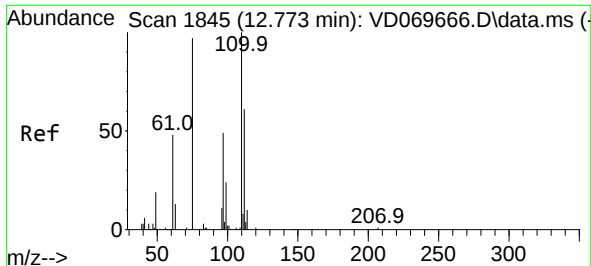
Tgt Ion:	43	Resp:	407
Ion	Ratio	Lower	Upper
43	100		
70	187.0	36.9	55.3#
55	0.0	22.4	33.6#
61	0.0	21.0	31.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 100.040 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:	83	Resp:	5552
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.7	14.1
85	5.7	32.6	97.7#

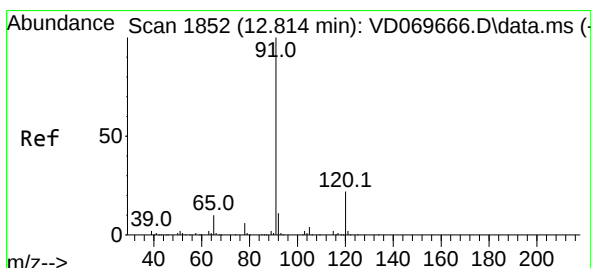
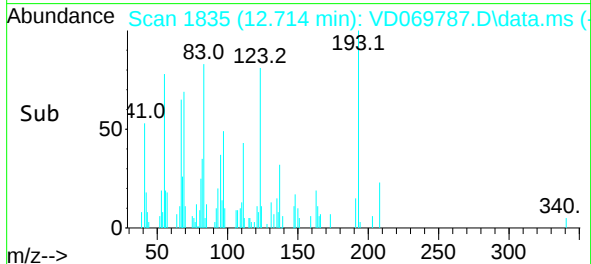
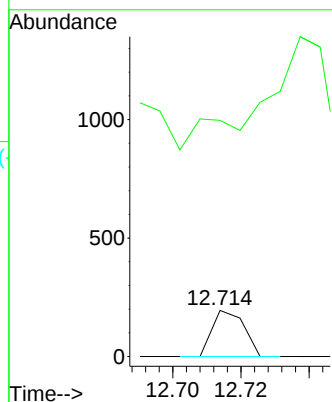
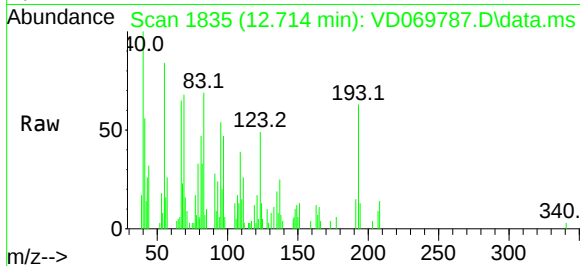




#76
1,2,3-Trichloropropane
Concen: 3.315 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.059 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

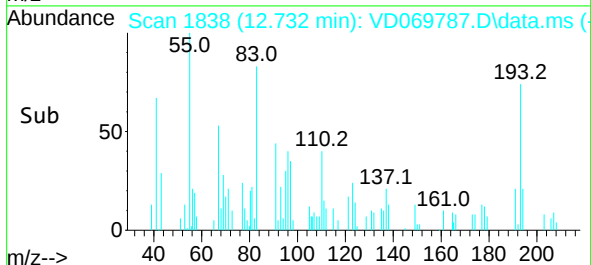
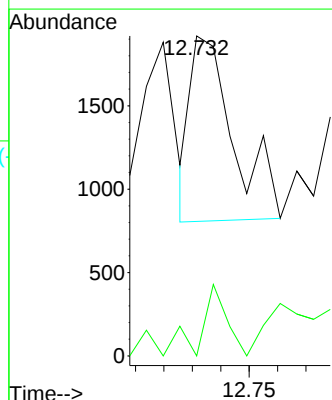
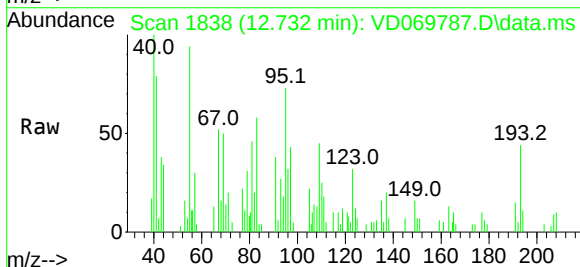
Instrument :
MSVOA_D
ClientSampled :

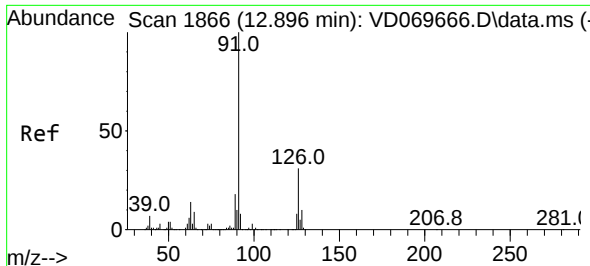
Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 3.326 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.082 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 91 Resp: 1175
Ion Ratio Lower Upper
91 100
120 23.5 10.8 32.4

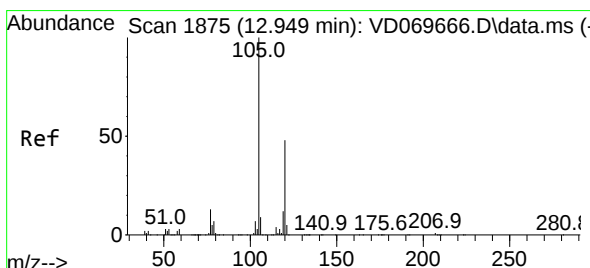
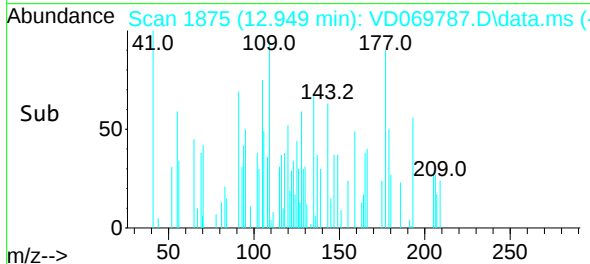
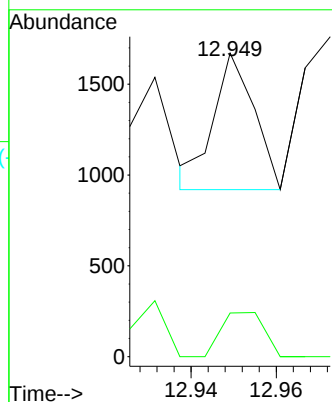
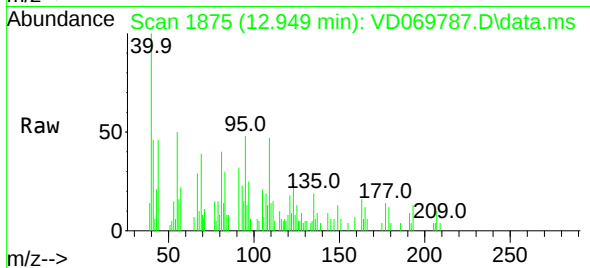




#79
2-Chlorotoluene
Concen: 2.369 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.053 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

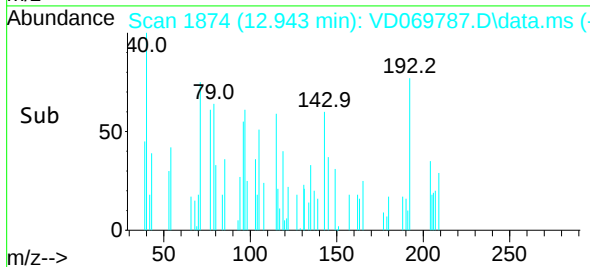
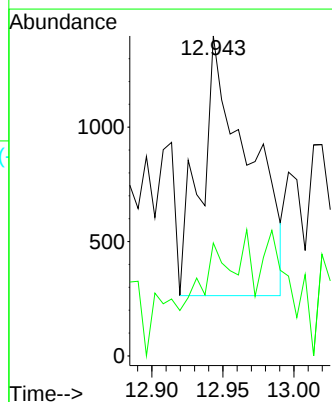
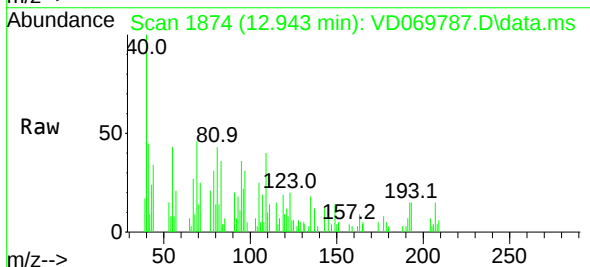
Instrument :
MSVOA_D
ClientSampled :

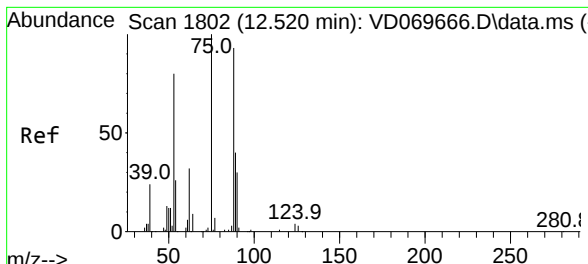
Tgt Ion: 91 Resp: 492
Ion Ratio Lower Upper
91 100
126 34.6 16.0 48.0



#80
1,3,5-Trimethylbenzene
Concen: 11.167 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

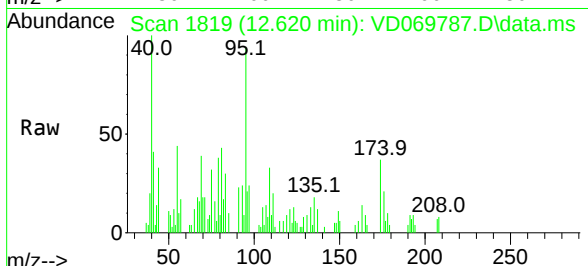
Tgt Ion: 105 Resp: 2639
Ion Ratio Lower Upper
105 100
120 33.3 24.1 72.3



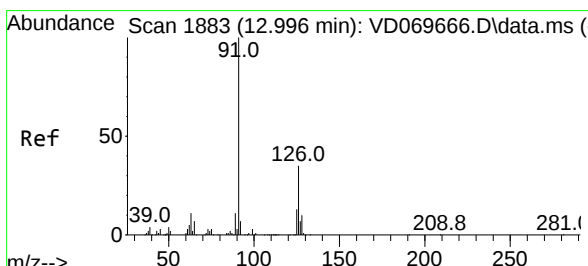
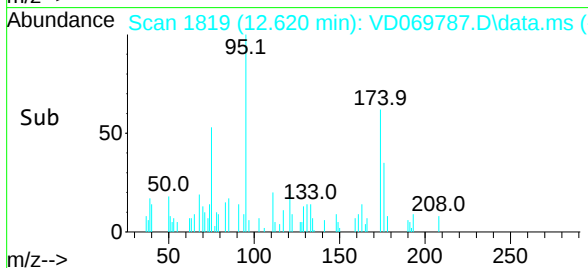
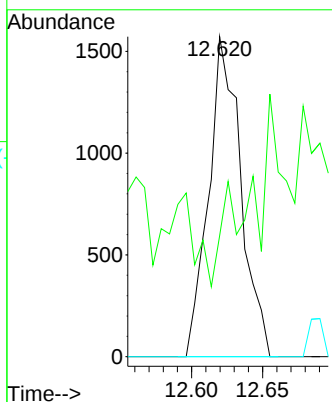


#81
trans-1,4-Dichloro-2-butene
Concen: 174.410 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Instrument :
MSVOA_D
ClientSampled :

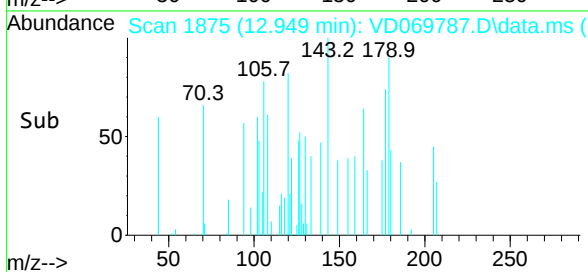
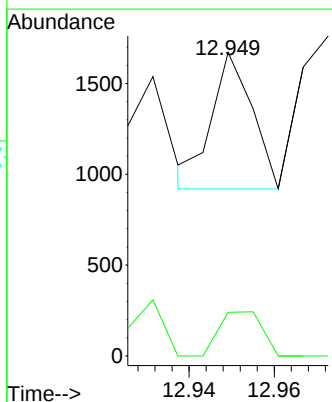
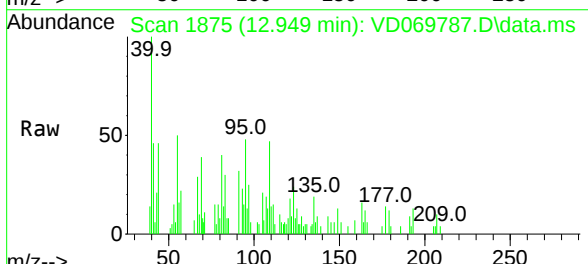


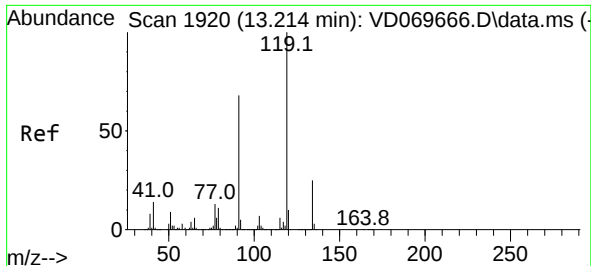
Tgt Ion:	75	Resp:	2467
Ion Ratio	Lower	Upper	
75	100		
53	14.6	70.6	106.0#
89	0.0	35.1	52.7#



#82
4-Chlorotoluene
Concen: 2.257 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:	91	Resp:	492
Ion Ratio	Lower	Upper	
91	100		
126	34.6	16.2	48.5

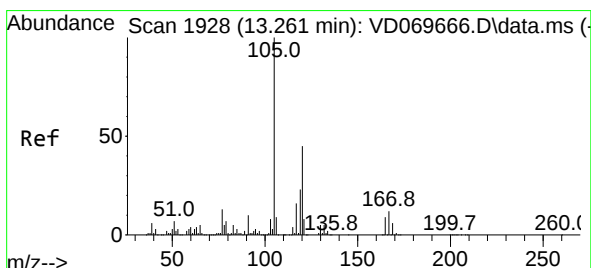
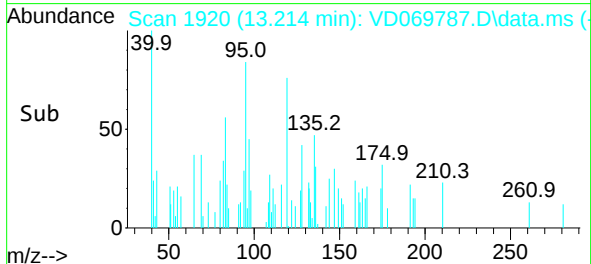
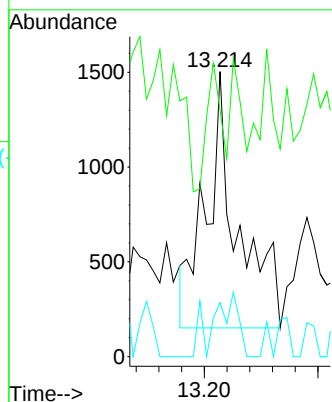
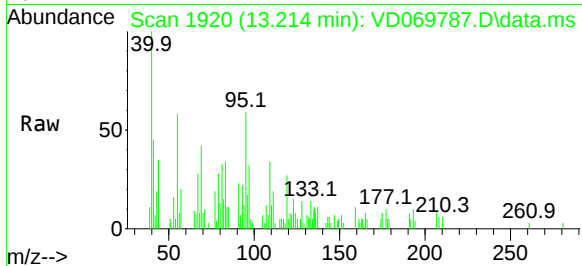




#83
tert-Butylbenzene
Concen: 13.407 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

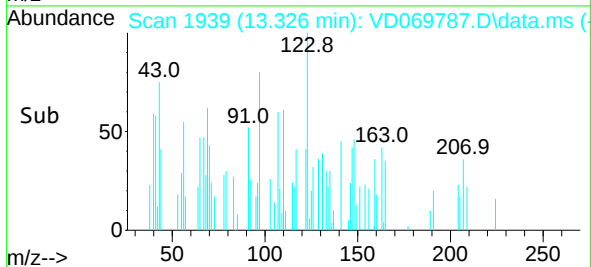
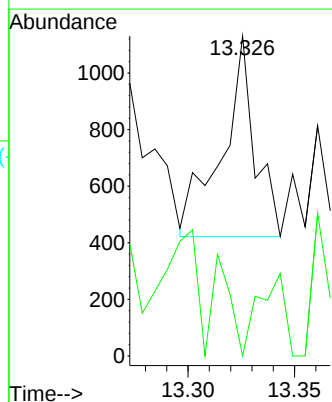
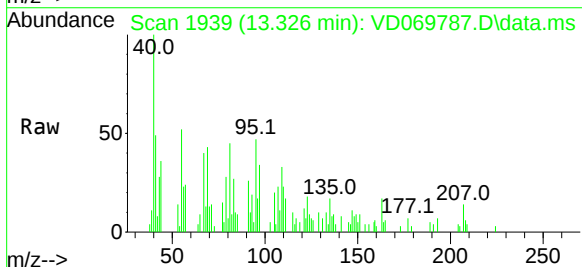
Instrument :
MSVOA_D
ClientSampleId :

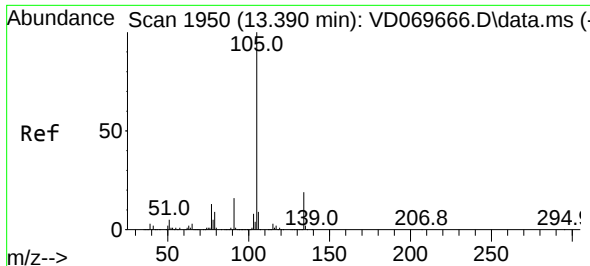
Tgt Ion:119 Resp: 2583
Ion Ratio Lower Upper
119 100
91 23.2 34.3 102.9#
134 4.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 3.237 ug/l
RT: 13.326 min Scan# 1939
Delta R.T. 0.065 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:105 Resp: 759
Ion Ratio Lower Upper
105 100
120 32.5 22.0 66.0

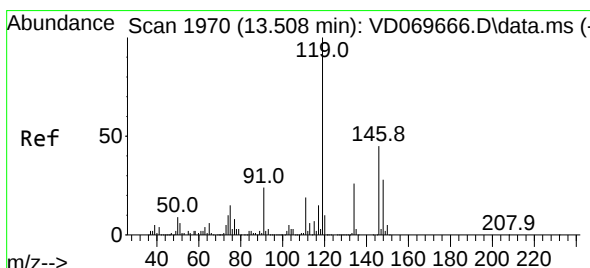
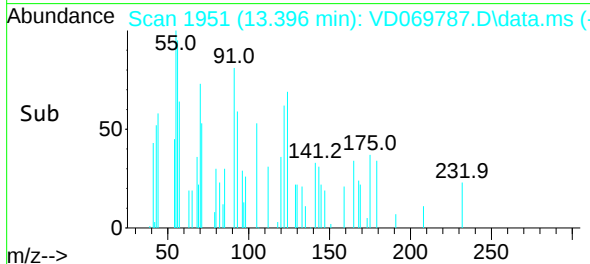
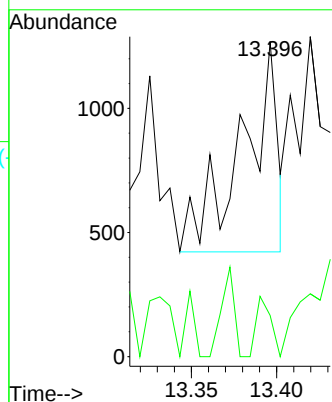
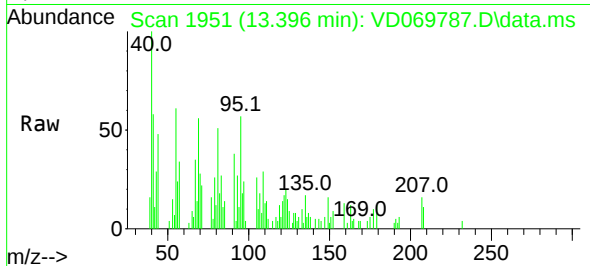




#85
 sec-Butylbenzene
 Concen: 4.016 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: VD069787.D
 Acq: 21 Jul 2021 13:23

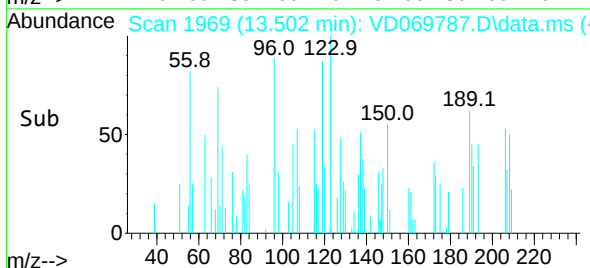
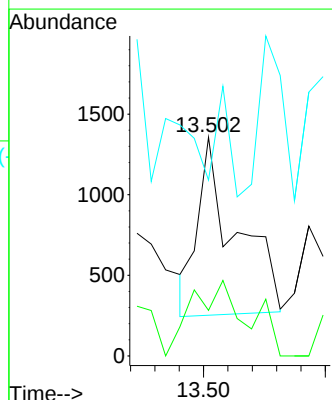
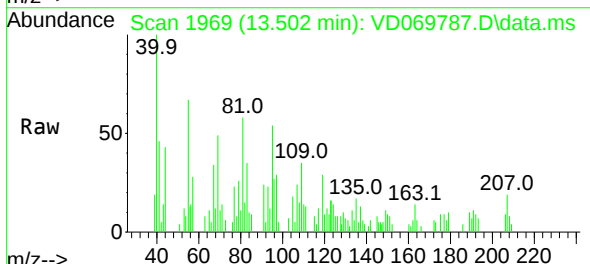
Instrument :
 MSVOA_D
 ClientSampleId :

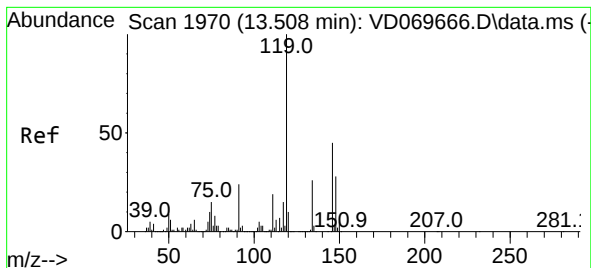
Tgt Ion:105 Resp: 1216
 Ion Ratio Lower Upper
 105 100
 134 11.8 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 4.882 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD069787.D
 Acq: 21 Jul 2021 13:23

Tgt Ion:119 Resp: 1204
 Ion Ratio Lower Upper
 119 100
 134 61.3 12.8 38.3#
 91 0.0 12.0 36.0#



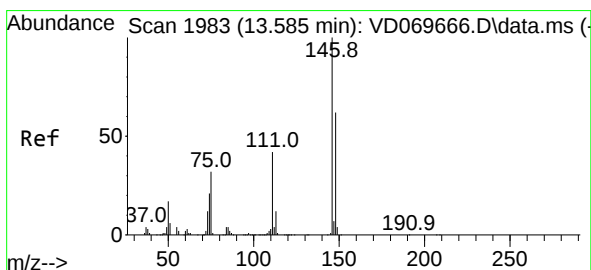
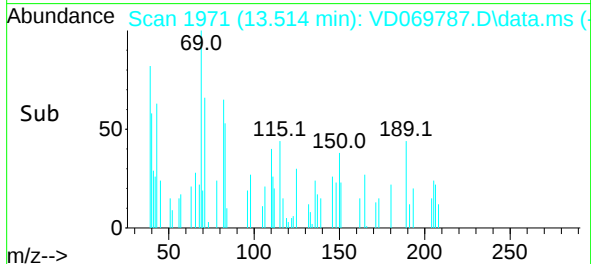
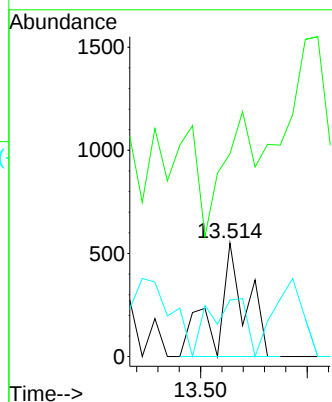
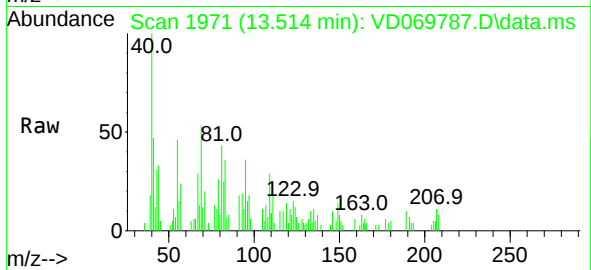


#87

1,3-Dichlorobenzene
Concen: 4.183 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:146 Resp: 537
Ion Ratio Lower Upper
146 100
111 108.6 21.6 65.0#
148 63.1 31.4 94.2

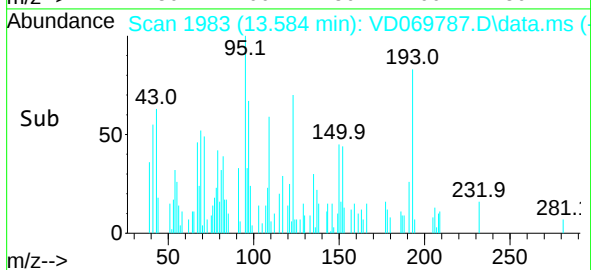
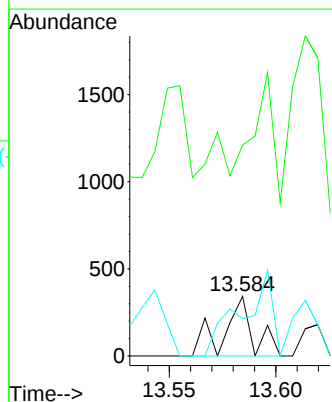
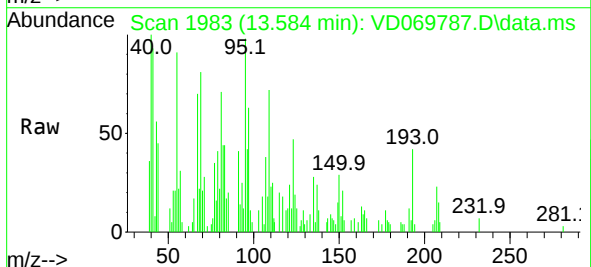
Instrument :
MSVOA_D
ClientSampled :

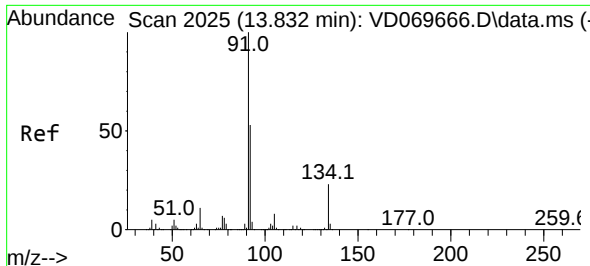


#88

1,4-Dichlorobenzene
Concen: 2.551 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:146 Resp: 327
Ion Ratio Lower Upper
146 100
111 157.8 20.8 62.5#
148 150.8 31.4 94.3#

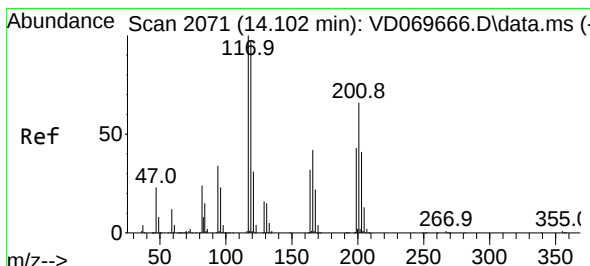
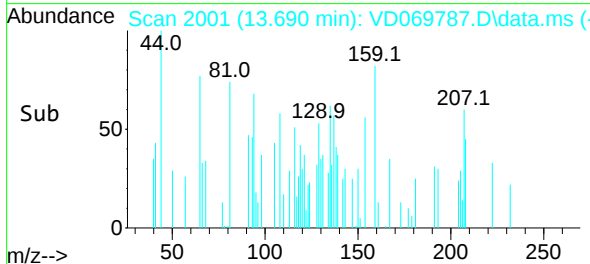
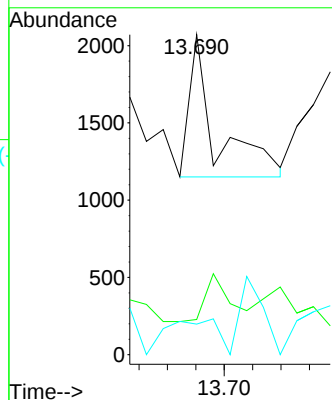
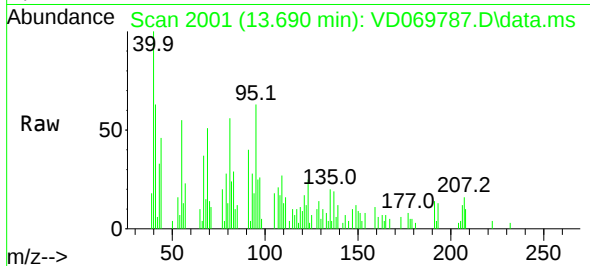




#89
n-Butylbenzene
Concen: 2.464 ug/l
RT: 13.690 min Scan# 2001
Delta R.T. -0.142 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

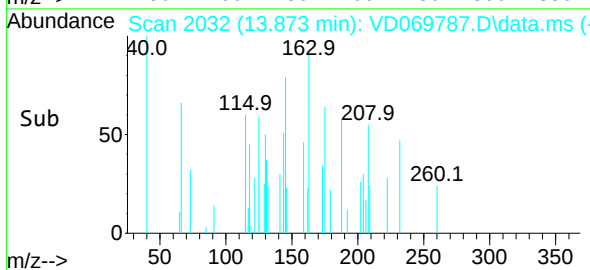
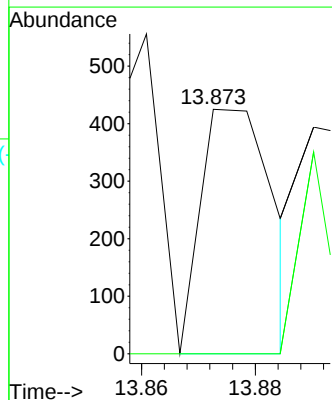
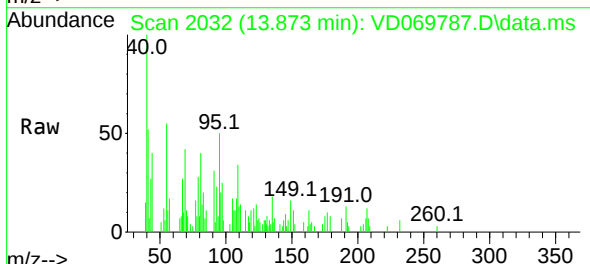
Instrument :
MSVOA_D
ClientSampleId :

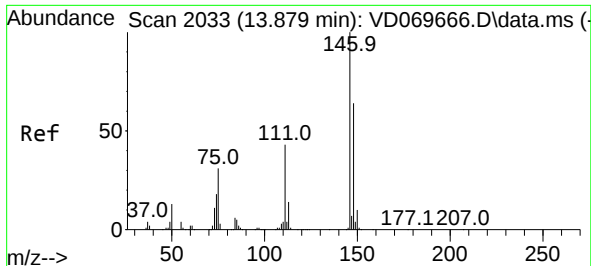
Tgt Ion: 91	Resp: 602		
Ion Ratio	Lower	Upper	
91 100			
92 29.7	26.6	79.8	
134 34.2	11.7	35.1	



#90
Hexachloroethane
Concen: 7.612 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.229 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:117	Resp:	382	
Ion	Ratio	Lower	Upper
117	100		
201	32.5	31.9	95.5

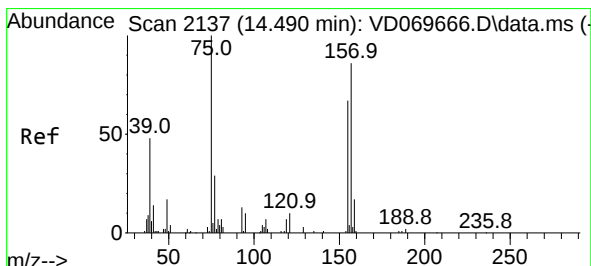
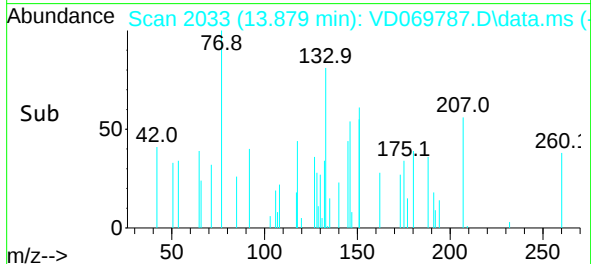
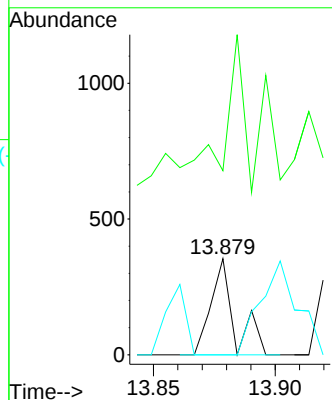
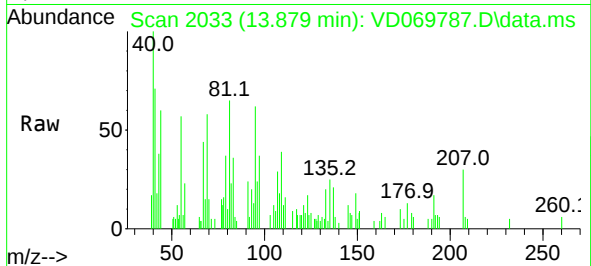




#91
1,2-Dichlorobenzene
Concen: 2.132 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

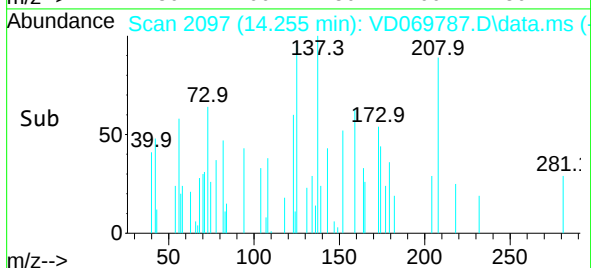
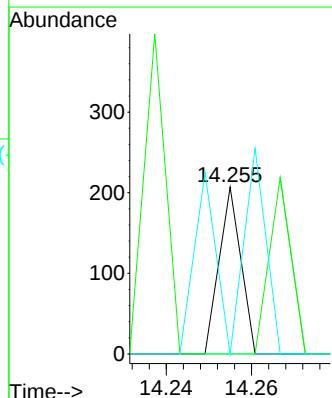
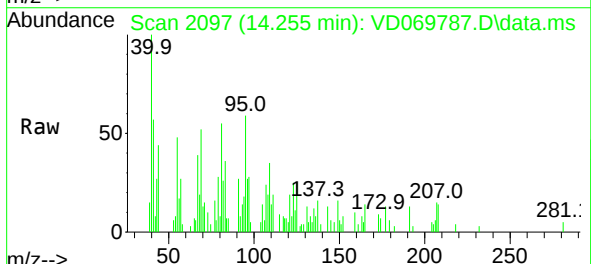
Instrument :
MSVOA_D
ClientSampleId :

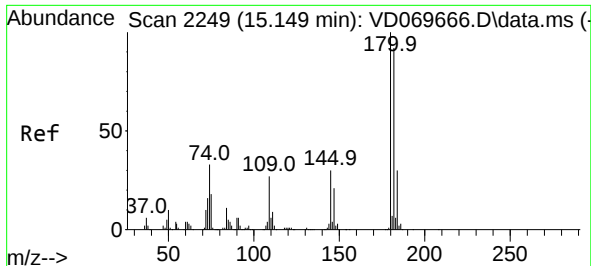
Tgt Ion:146 Resp: 236
Ion Ratio Lower Upper
146 100
111 233.9 21.9 65.5#
148 0.0 32.2 96.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.831 ug/l
RT: 14.255 min Scan# 2097
Delta R.T. -0.235 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion: 75 Resp: 73
Ion Ratio Lower Upper
75 100
155 105.5 35.9 107.7
157 108.2 45.6 136.9

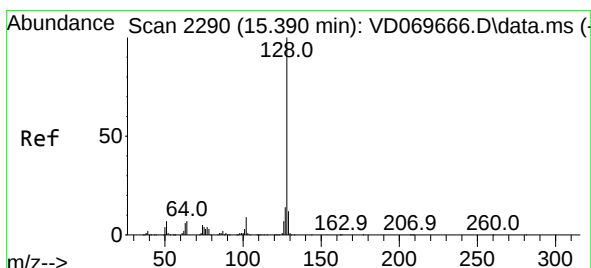
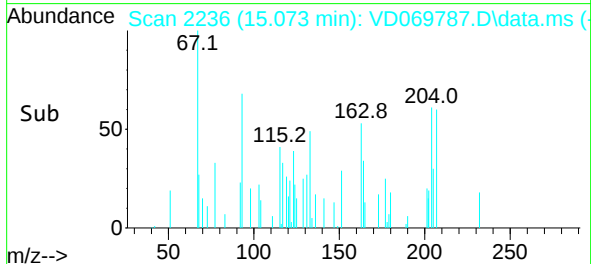
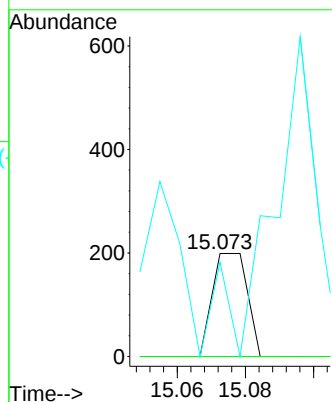
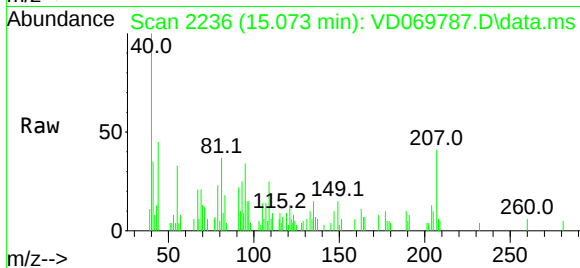




#93
1,2,4-Trichlorobenzene
Concen: 2.275 ug/l
RT: 15.073 min Scan# 2236
Delta R.T. -0.076 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

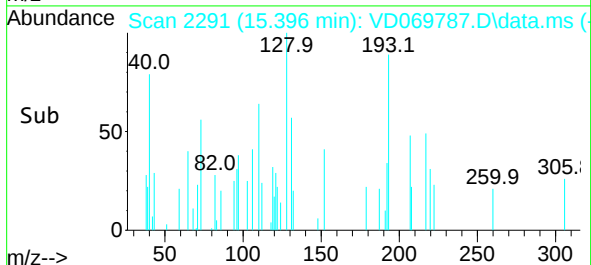
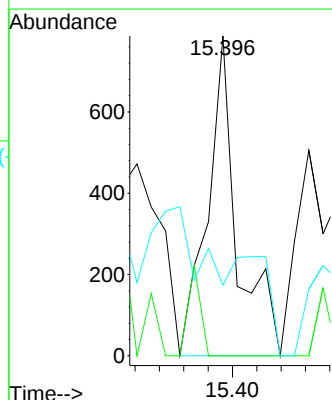
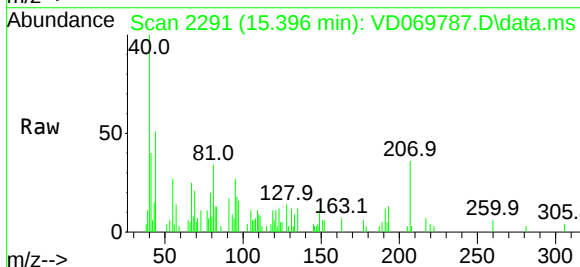
Instrument :
MSVOA_D
ClientSampled :

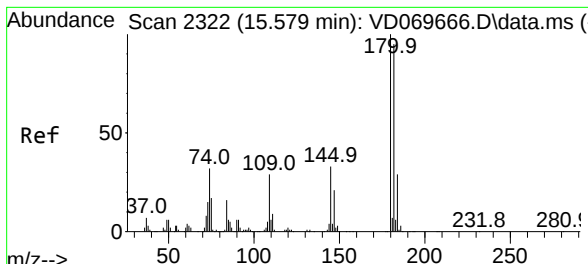
Tgt Ion:180 Resp: 140
Ion Ratio Lower Upper
180 100
182 0.0 46.4 139.2#
145 233.6 15.5 46.5#



#95
Naphthalene
Concen: 7.325 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069787.D
Acq: 21 Jul 2021 13:23

Tgt Ion:128 Resp: 663
Ion Ratio Lower Upper
128 100
127 11.8 10.6 16.0
129 114.8 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.381 ug/l
 RT: 15.573 min Scan# 2321
 Delta R.T. -0.006 min
 Lab File: VD069787.D
 Acq: 21 Jul 2021 13:23

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.0	144.2#
145	416.4	17.2	51.5#

