

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068228.D
 Acq On : 28 Jan 2021 17:29
 Operator : VA/SY
 Sample : M1270-01
 Misc : 6.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-SP1

Quant Time: Jan 29 00:11:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

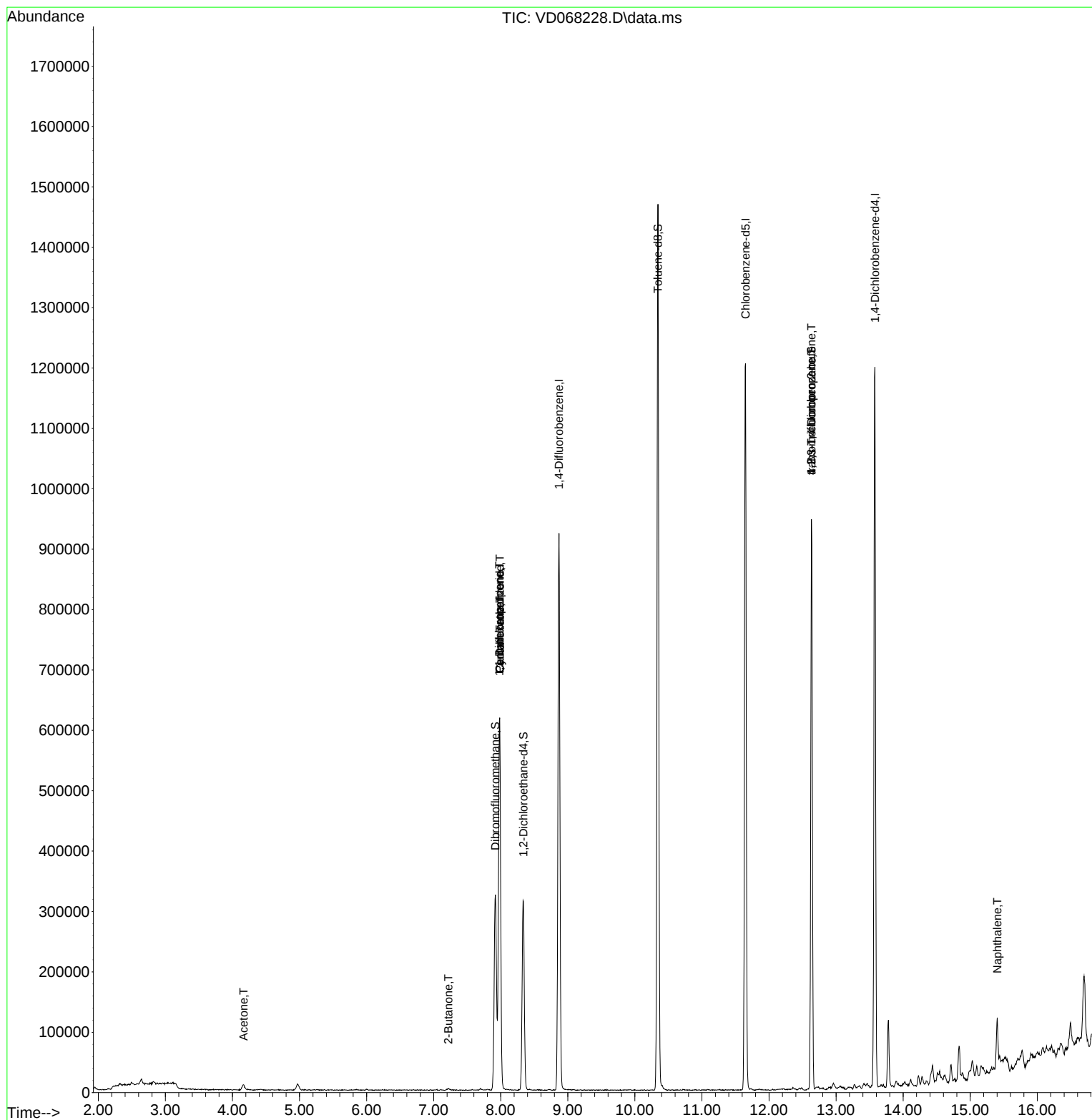
Internal Standards						
1) Pentafluorobenzene	7.985	168	472218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	832873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	733450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	324462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	257084	56.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.82%			
35) Dibromofluoromethane	7.920	113	244737	53.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.30%			
50) Toluene-d8	10.344	98	1031277	55.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.98%			
62) 4-Bromofluorobenzene	12.632	95	332427	50.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.24%			
Target Compounds						
11) Tert butyl alcohol	5.220	59	66	Below Cal	#	74
16) Acetone	4.168	43	16247	20.14	ug/l	97
20) Methylene Chloride	4.967	84	8107	Below Cal		95
25) 2-Butanone	7.220	43	4079	3.36	ug/l	99
31) Cyclohexane	7.985	56	10480	1.07	ug/l #	30
36) 1,1-Dichloropropene	7.979	75	37913	4.51	ug/l #	47
38) Carbon Tetrachloride	7.985	117	47700	6.07	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	166610	53.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	166610	107.47	ug/l #	13
95) Naphthalene	15.402	128	80501	6.57	ug/l	99

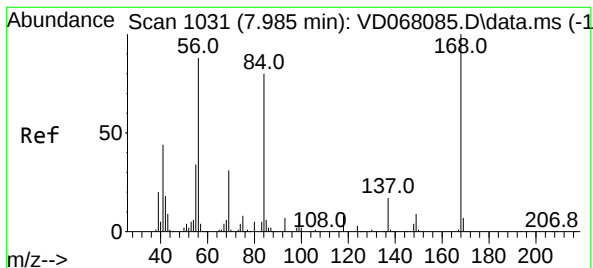
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RS-SP1

Quant Time: Jan 29 00:11:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

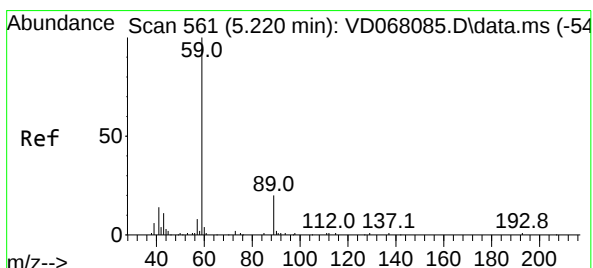
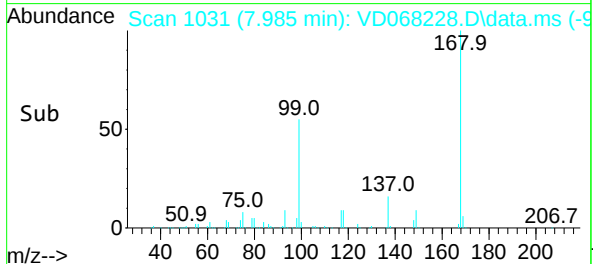
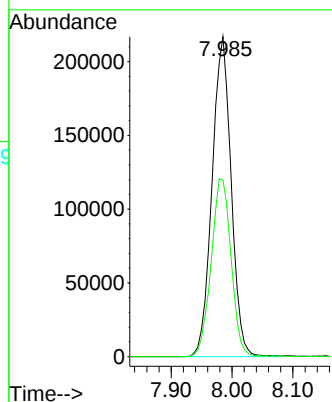
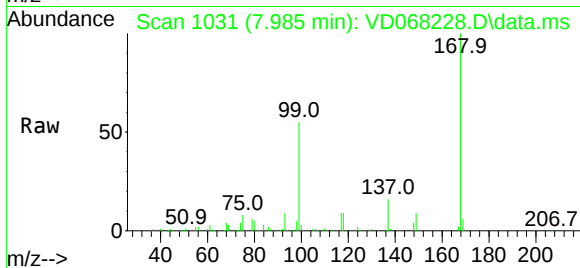




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

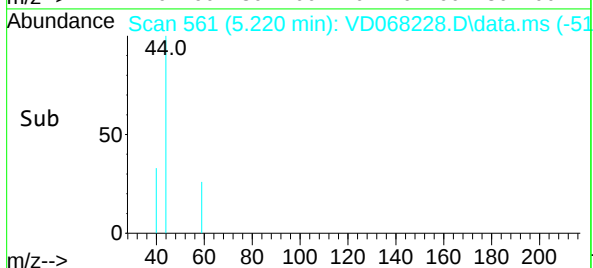
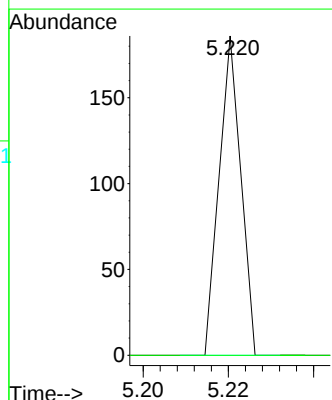
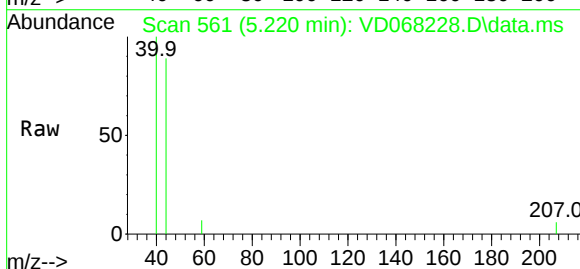
Instrument :
MSVOA_D
ClientSampled :
RS-SP1

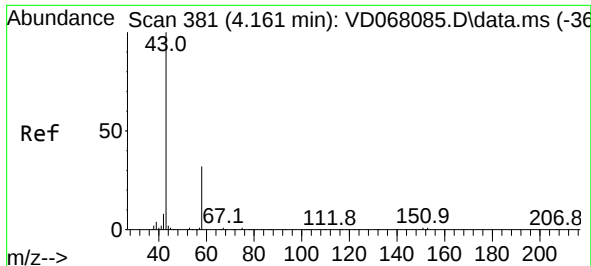
Tgt Ion:168 Resp: 472218
Ion Ratio Lower Upper
168 100
99 55.3 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

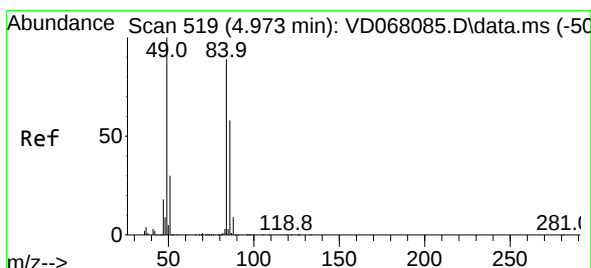
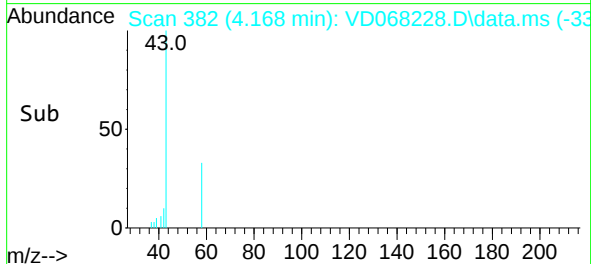
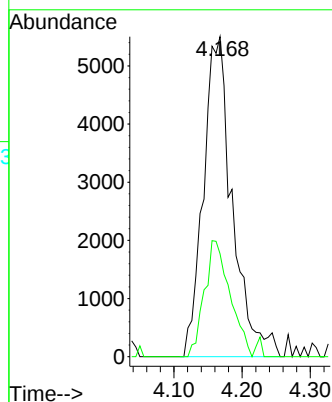
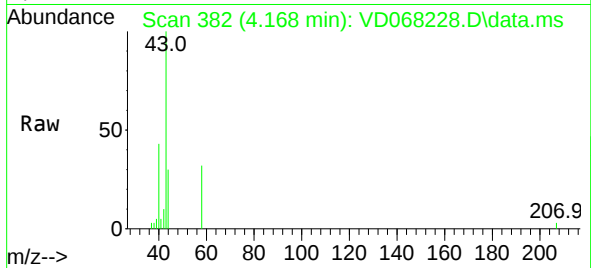




#16
Acetone
Concen: 20.14 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

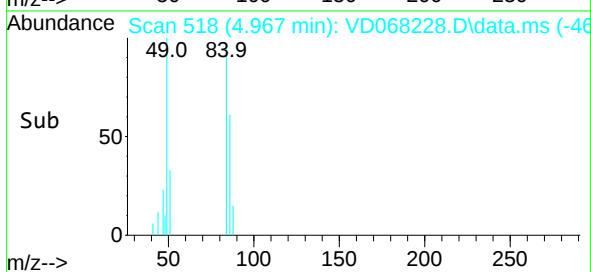
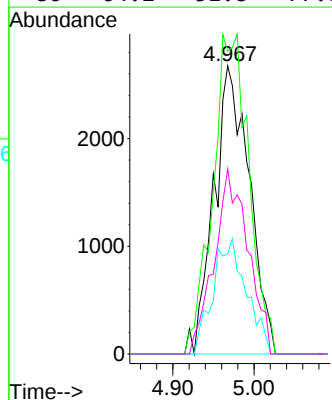
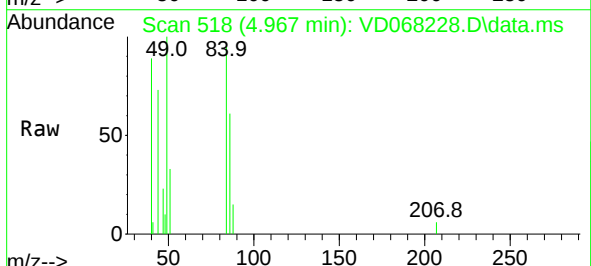
Instrument :
MSVOA_D
ClientSampled :
RS-SP1

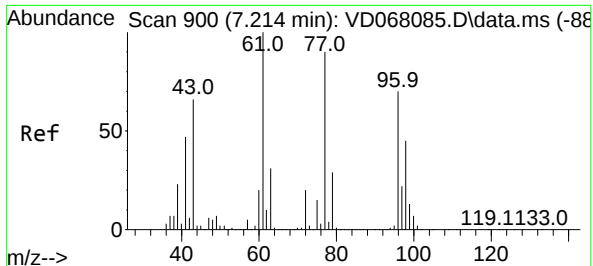
Tgt Ion: 43 Resp: 16247
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 84 Resp: 8107
Ion Ratio Lower Upper
84 100
49 105.0 77.4 116.2
51 34.7 26.1 39.1
86 64.2 51.8 77.8

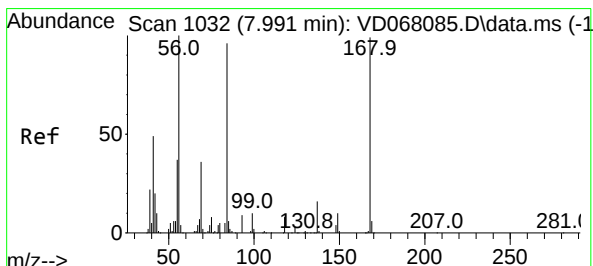
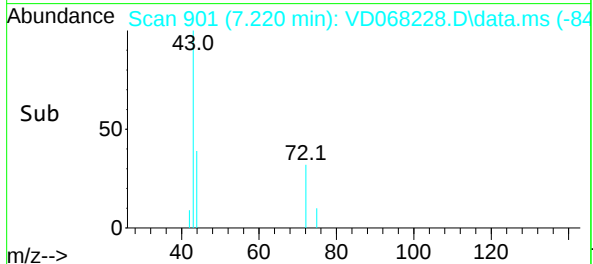
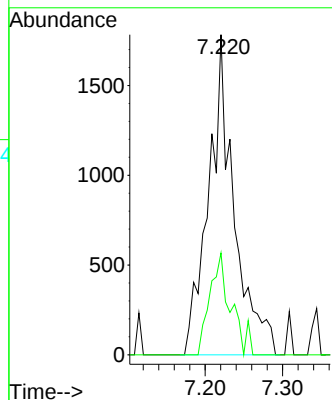
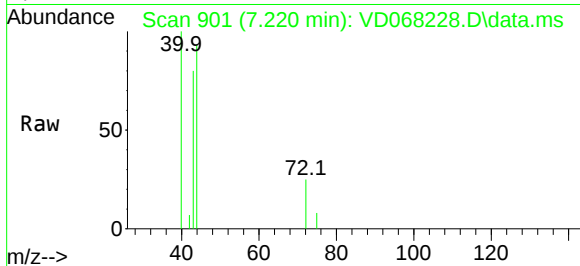




#25
2-Butanone
Concen: 3.36 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

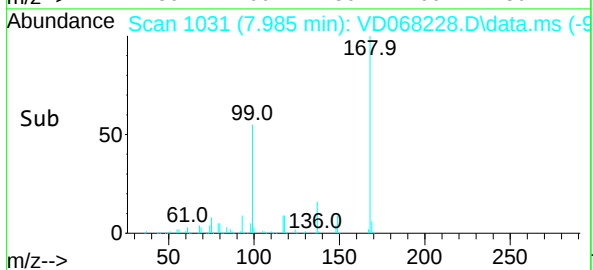
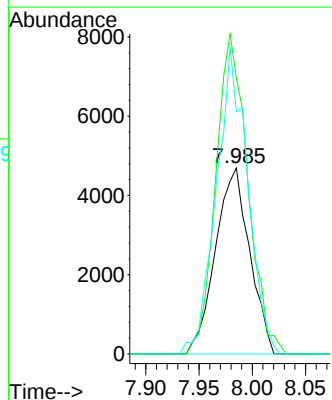
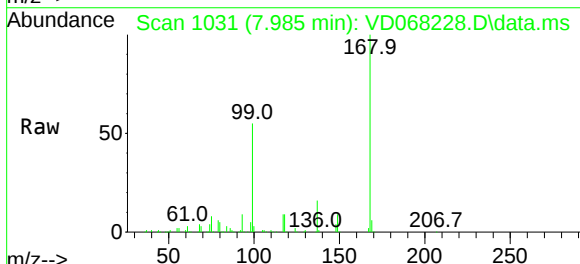
Instrument :
MSVOA_D
ClientSampled :
RS-SP1

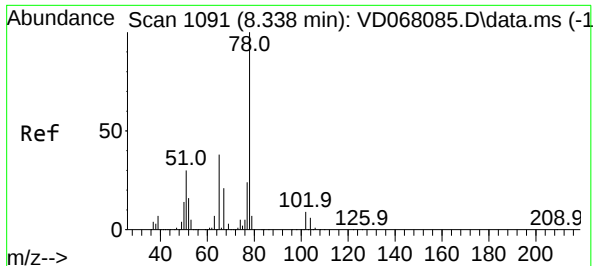
Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
72 31.8 25.1 37.7



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 56 Resp: 10480
Ion Ratio Lower Upper
56 100
69 148.5 30.1 45.1#
84 130.4 82.1 123.1#

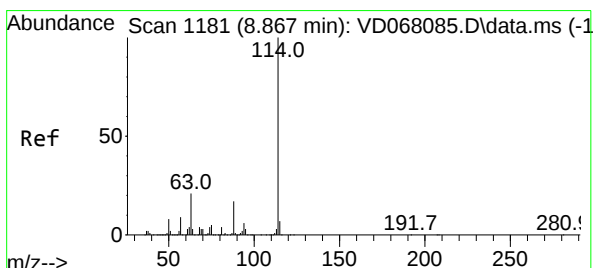
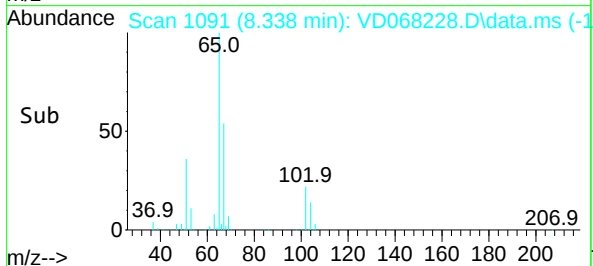
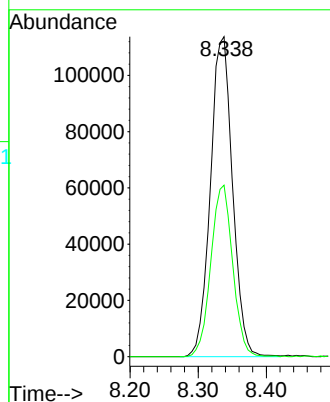
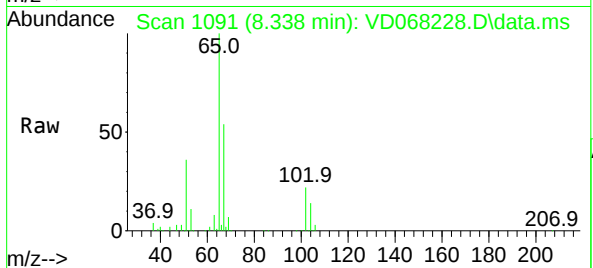




#33
 1,2-Dichloroethane-d4
 Concen: 56.91 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068228.D
 Acq: 28 Jan 2021 17:29

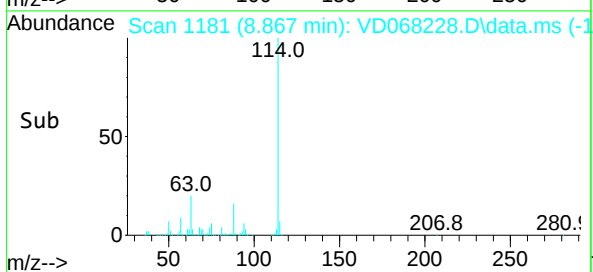
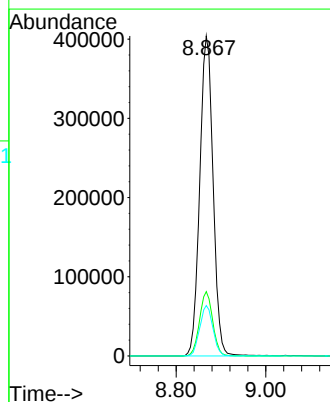
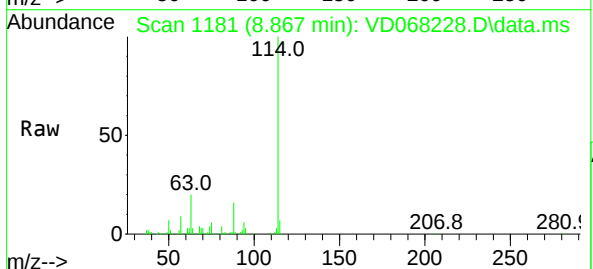
Instrument :
 MSVOA_D
 ClientSampled :
 RS-SP1

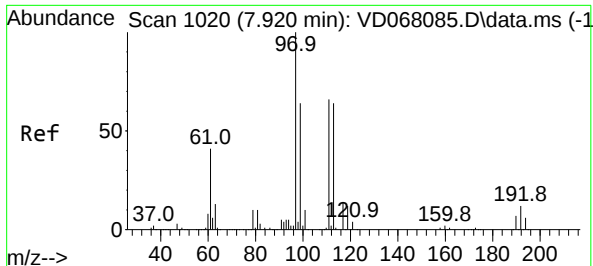
Tgt Ion: 65 Resp: 257084
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068228.D
 Acq: 28 Jan 2021 17:29

Tgt Ion: 114 Resp: 832873
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 34.8
 88 15.8 0.0 31.6

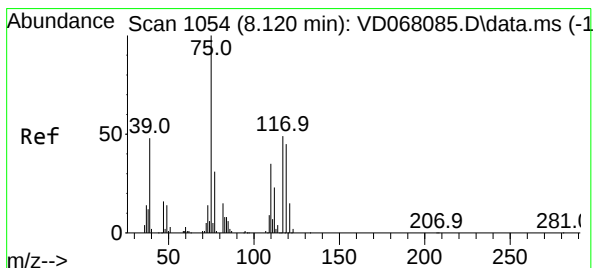
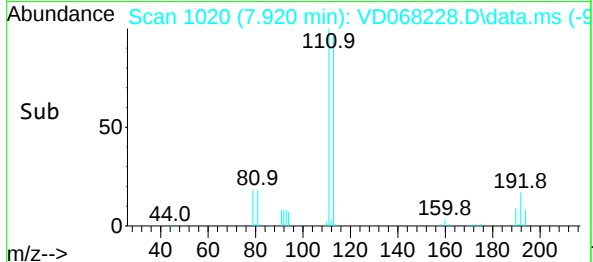
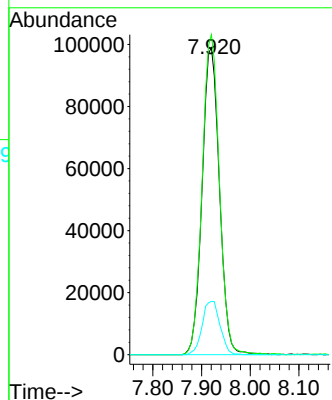
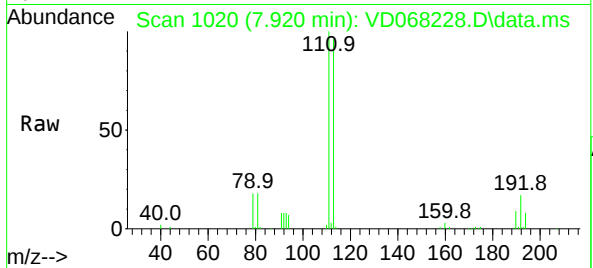




#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

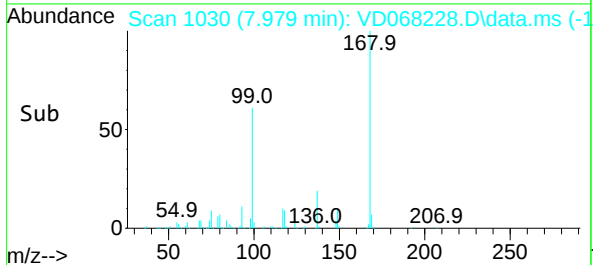
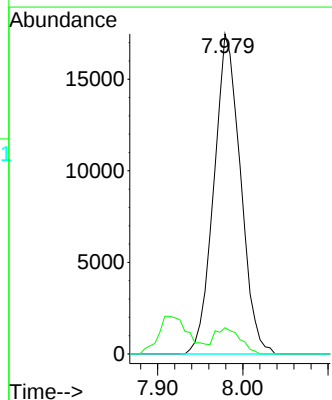
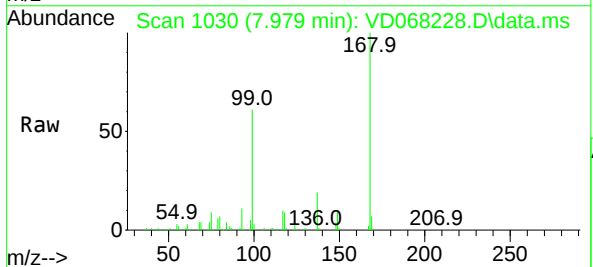
Instrument :
MSVOA_D
ClientSampled :
RS-SP1

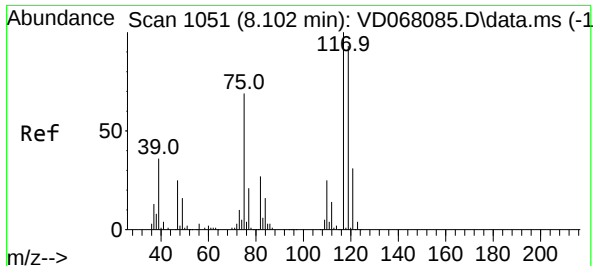
Tgt Ion:113 Resp: 244737
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 17.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 75 Resp: 37913
Ion Ratio Lower Upper
75 100
110 8.1 19.4 58.2#
77 0.0 25.3 37.9#

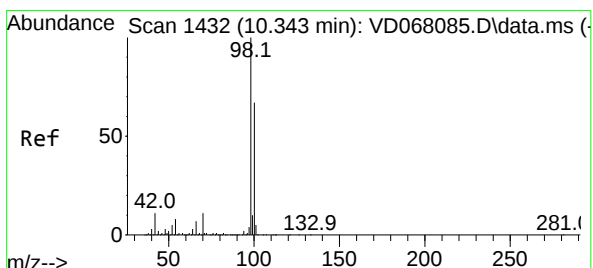
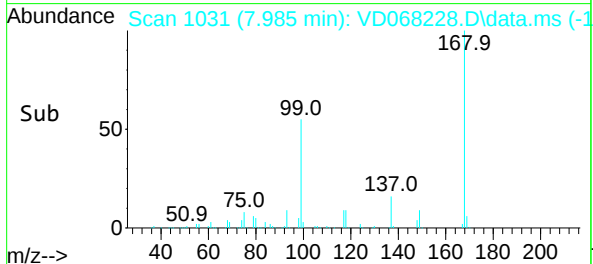
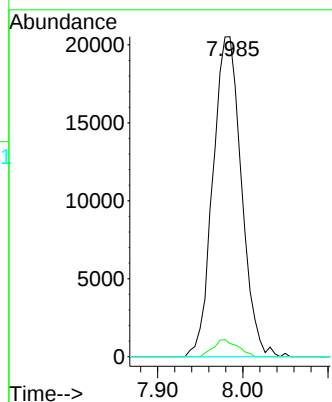
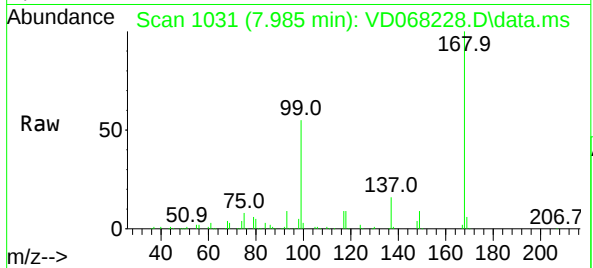




#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

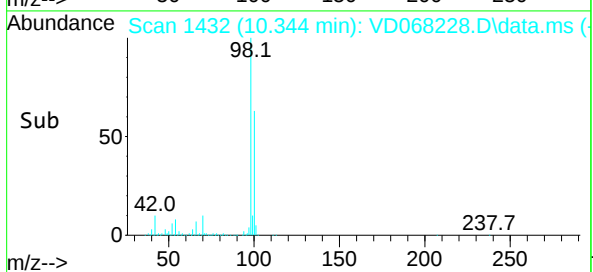
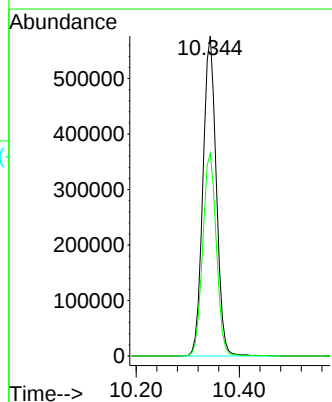
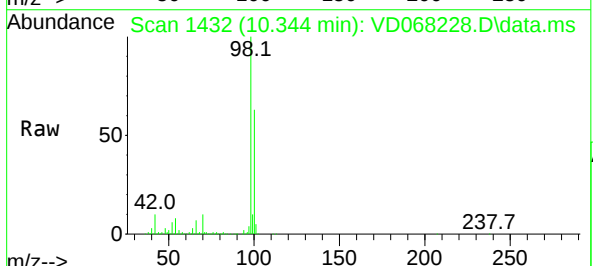
Instrument :
MSVOA_D
ClientSampled :
RS-SP1

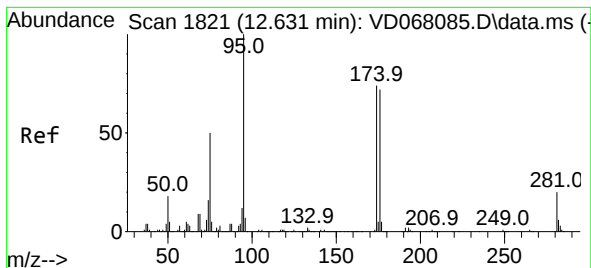
Tgt Ion:117 Resp: 47700
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 98 Resp: 1031277
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

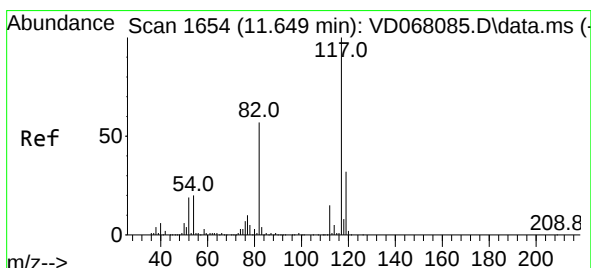
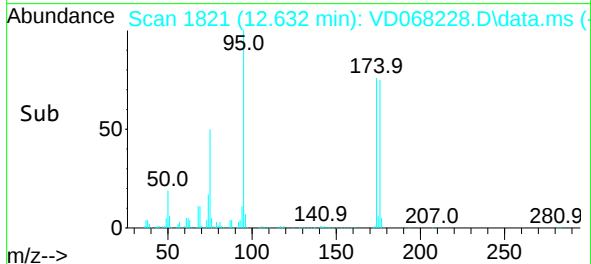
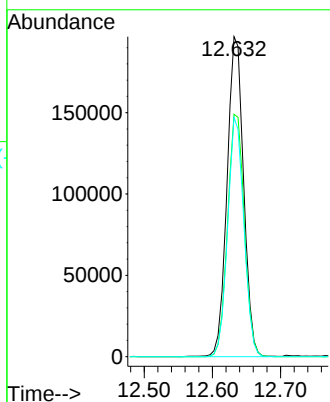
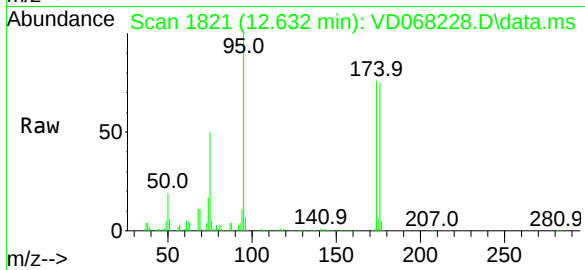




#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

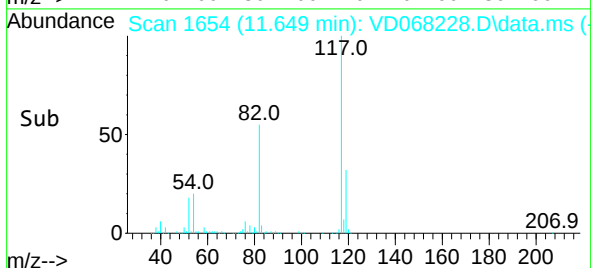
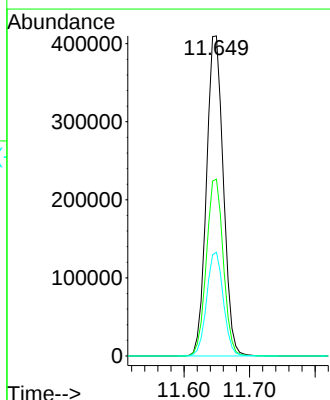
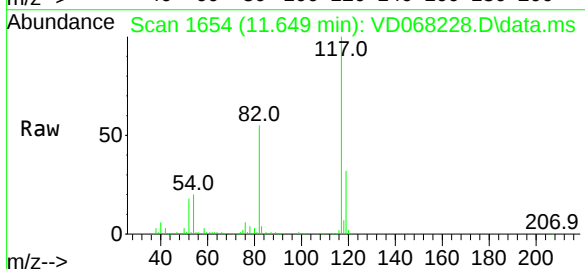
Instrument :
MSVOA_D
ClientSampleId :
RS-SP1

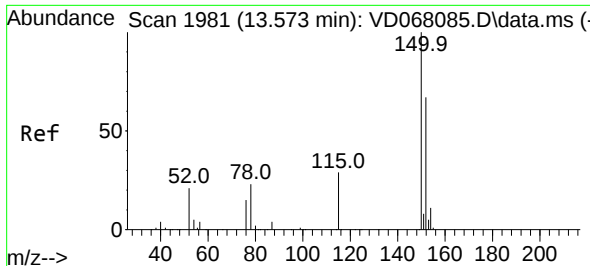
Tgt Ion: 95 Resp: 332427
Ion Ratio Lower Upper
95 100
174 76.6 0.0 172.4
176 73.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 117 Resp: 733450
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 32.4 26.1 39.1

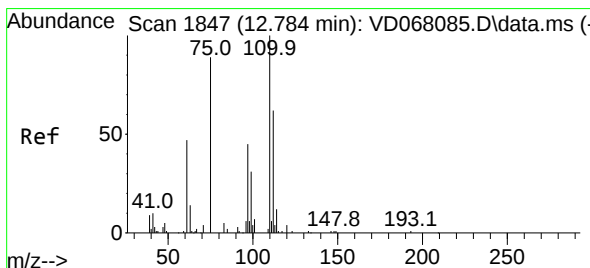
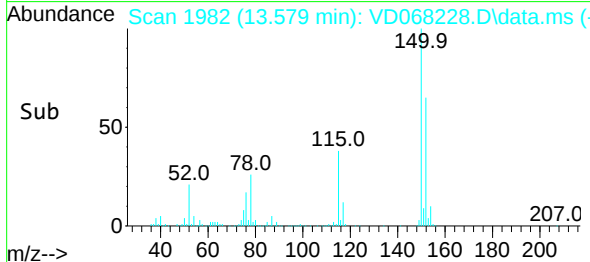
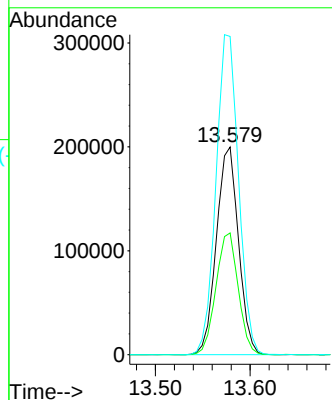
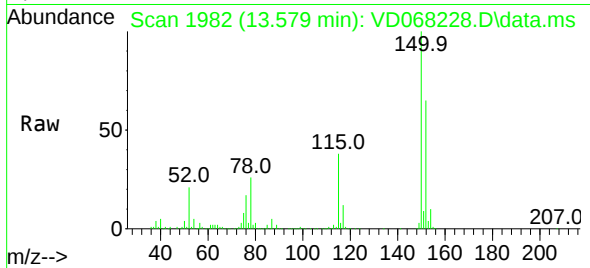




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

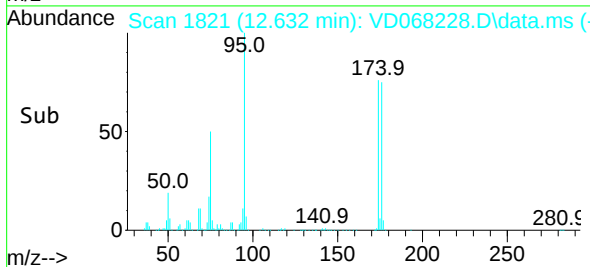
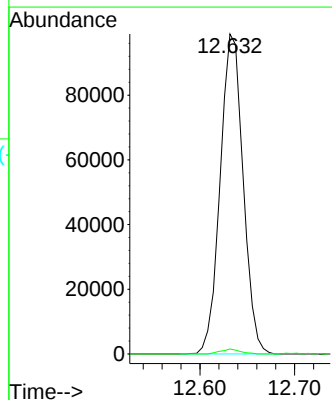
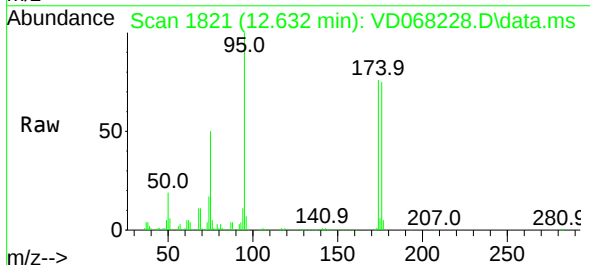
Instrument :
MSVOA_D
ClientSampleId :
RS-SP1

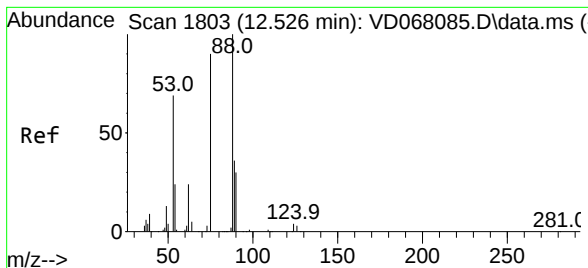
Tgt Ion:152 Resp: 324462
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 157.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

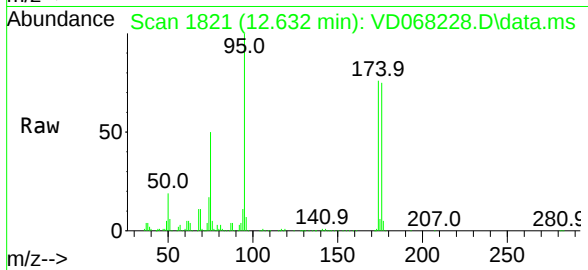
Tgt Ion: 75 Resp: 166610
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



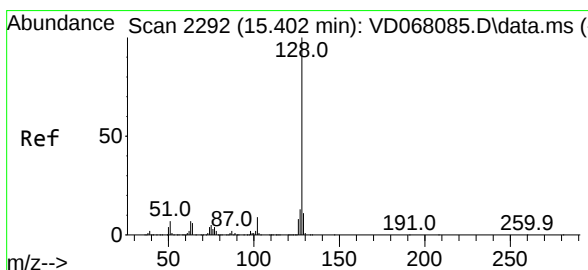
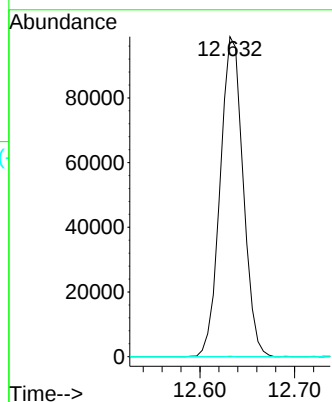
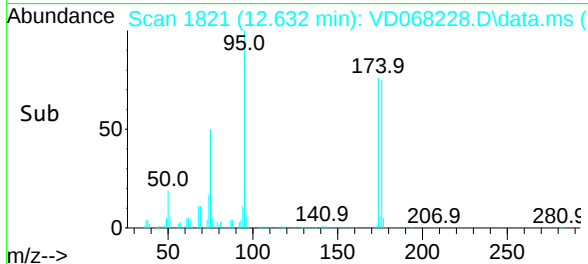


#81
trans-1,4-Dichloro-2-butene
Concen: 107.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29

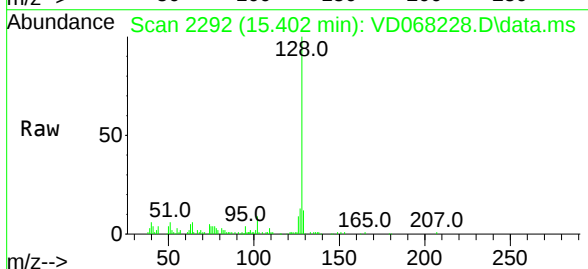
Instrument :
MSVOA_D
ClientSampleId :
RS-SP1



Tgt Ion: 75 Resp: 166610
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#95
Naphthalene
Concen: 6.57 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068228.D
Acq: 28 Jan 2021 17:29



Tgt Ion: 128 Resp: 80501
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.5 8.8 13.2

