

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068226.D
 Acq On : 28 Jan 2021 16:34
 Operator : VA/SY
 Sample : M1270-05
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-SP3

Quant Time: Jan 29 00:10:25 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)

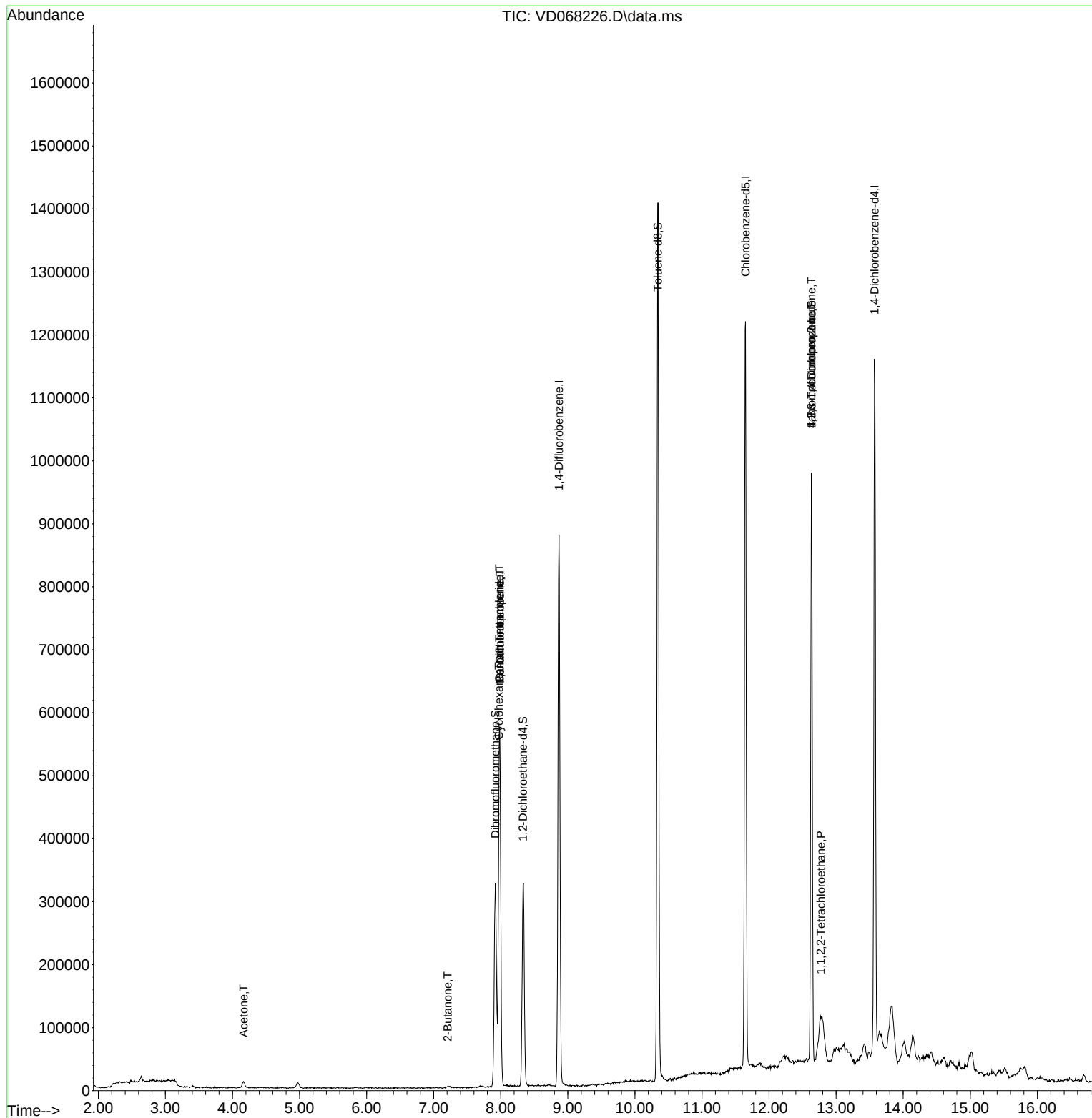
Internal Standards						
1) Pentafluorobenzene	7.985	168	447961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	794031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	708702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	260086	60.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.38%			
35) Dibromofluoromethane	7.920	113	238627	54.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.72%			
50) Toluene-d8	10.343	98	978049	55.70	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.40%			
62) 4-Bromofluorobenzene	12.632	95	321972	50.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.84%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	85	Below Cal	#	74
16) Acetone	4.167	43	18255	23.86	ug/l	95
20) Methylene Chloride	4.967	84	3621	Below Cal		96
25) 2-Butanone	7.208	43	2381	2.07	ug/l	92
31) Cyclohexane	7.973	56	9664	1.04	ug/l #	19
36) 1,1-Dichloropropene	7.985	75	36443	4.55	ug/l #	47
38) Carbon Tetrachloride	7.979	117	45282	6.04	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.773	83	12552	3.11	ug/l #	27
76) 1,2,3-Trichloropropane	12.632	75	161740	54.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	161740	110.89	ug/l #	14

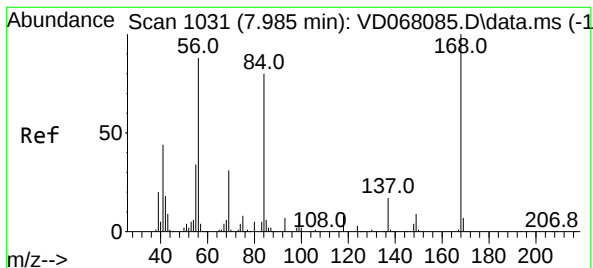
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
Data File : VD068226.D
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Operator : VA/SY
Sample : M1270-05
Misc : 5.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

Quant Time: Jan 29 00:10:25 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

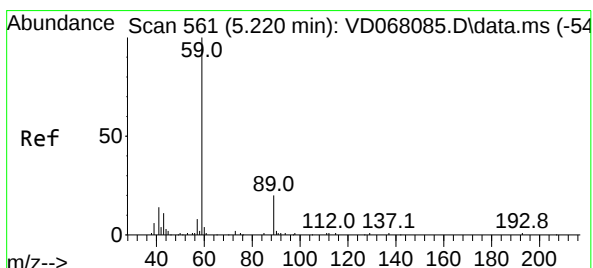
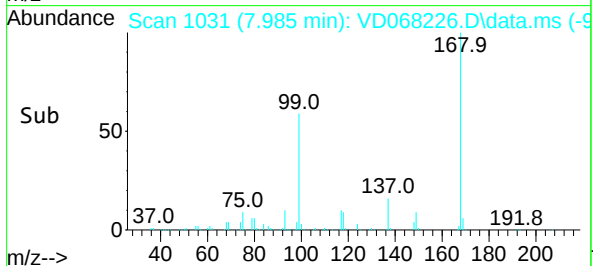
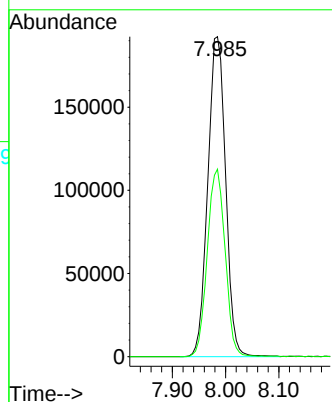
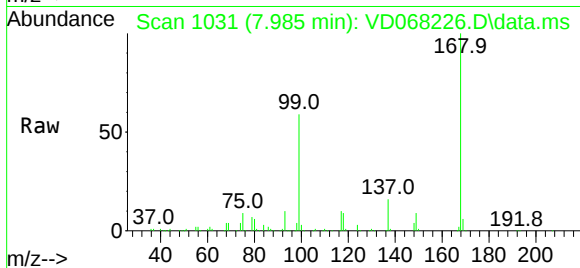




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

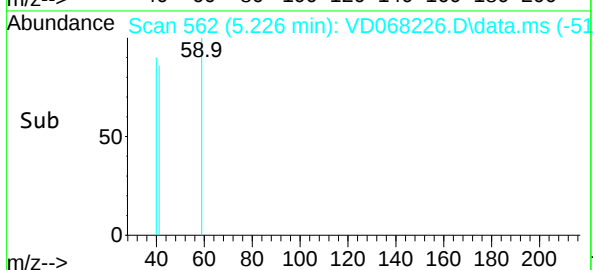
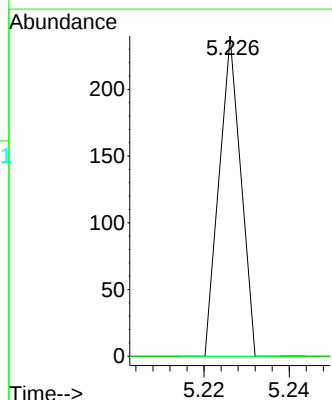
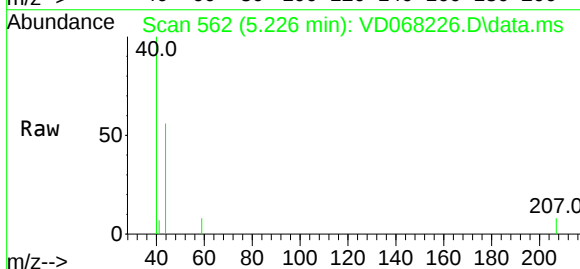
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

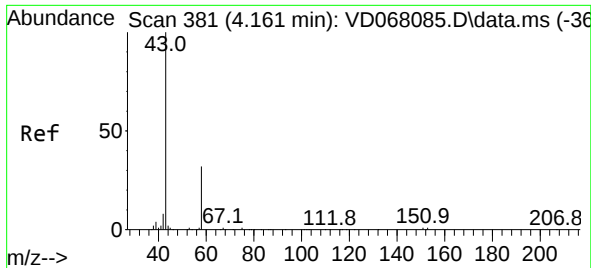
Tgt Ion:168 Resp: 447961
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

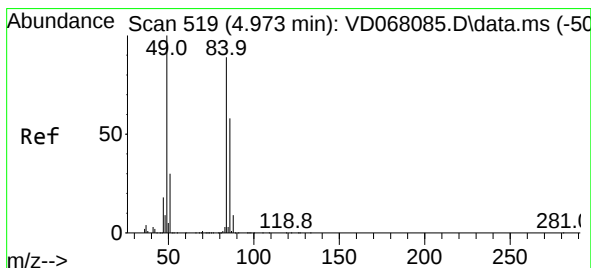
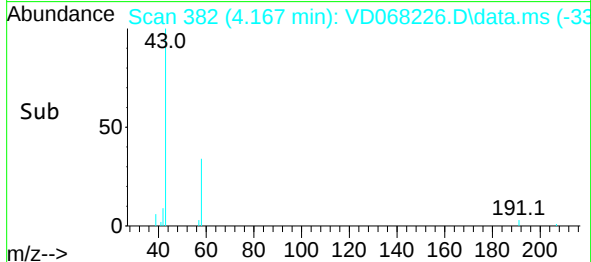
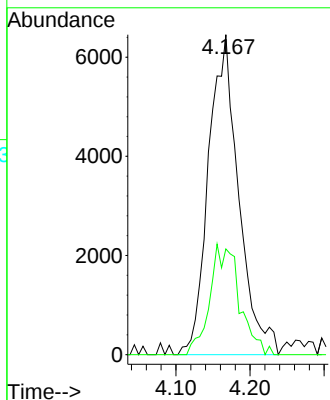
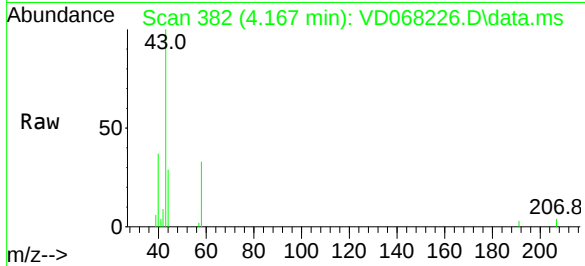




#16
Acetone
Concen: 23.86 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

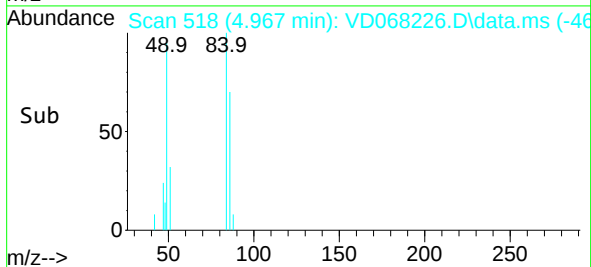
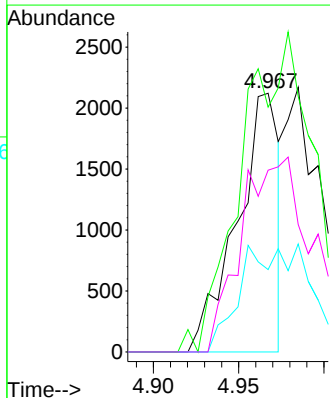
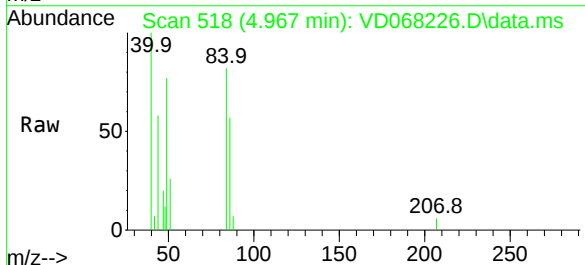
Instrument :
MSVOA_D
ClientSampled :
RS-SP3

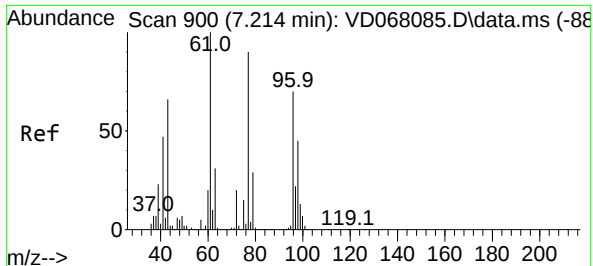
Tgt Ion: 43 Resp: 18255
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 84 Resp: 3621
Ion Ratio Lower Upper
84 100
49 94.6 77.4 116.2
51 31.9 26.1 39.1
86 70.2 51.8 77.8

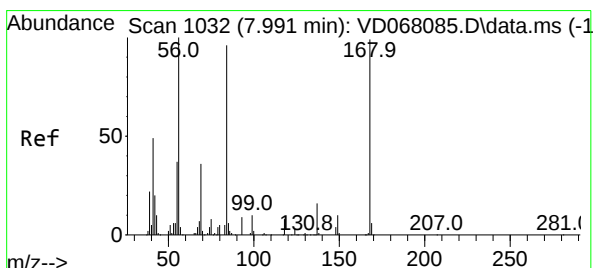
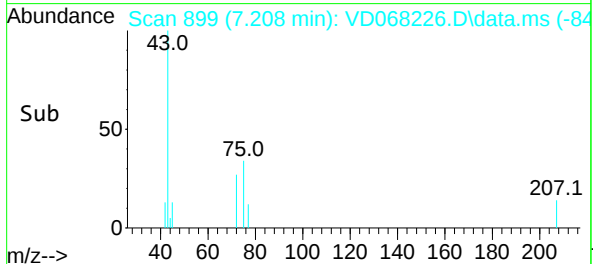
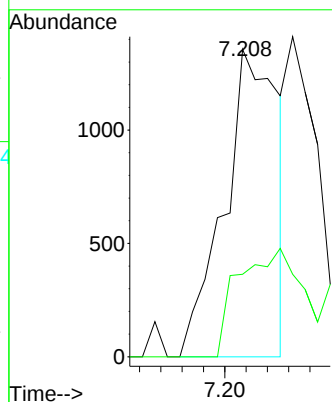
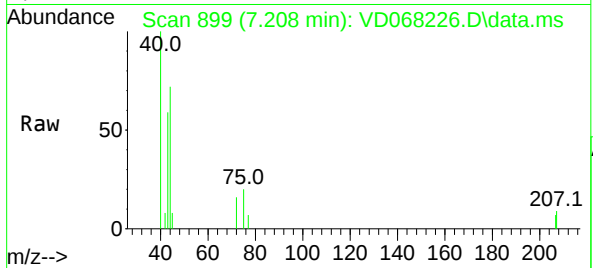




#25
2-Butanone
Concen: 2.07 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

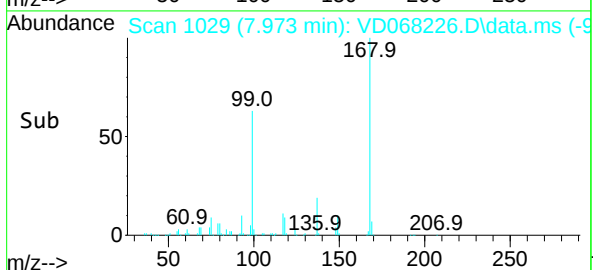
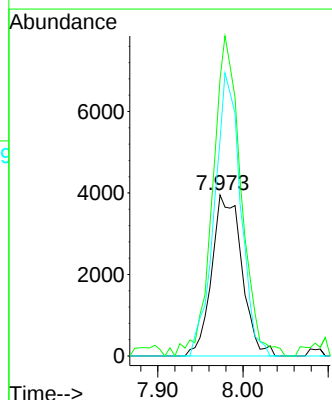
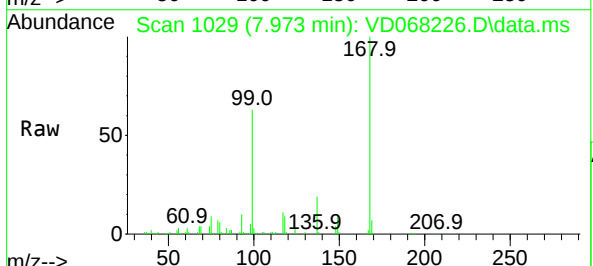
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

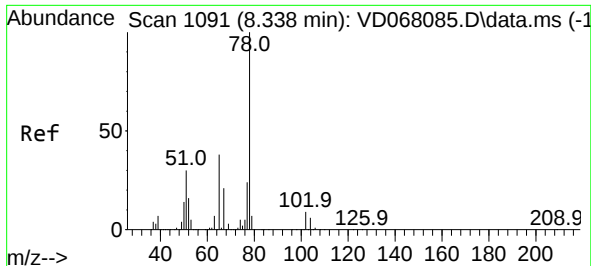
Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
72 26.8 25.1 37.7



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 56 Resp: 9664
Ion Ratio Lower Upper
56 100
69 167.4 30.1 45.1#
84 134.1 82.1 123.1#

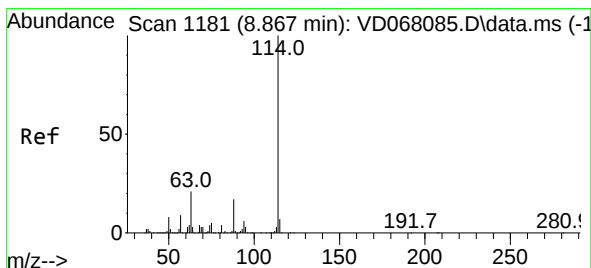
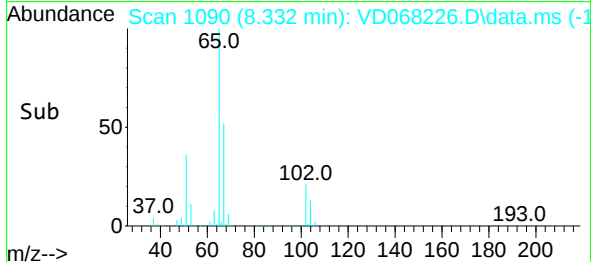
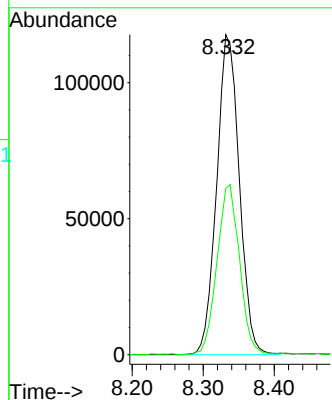
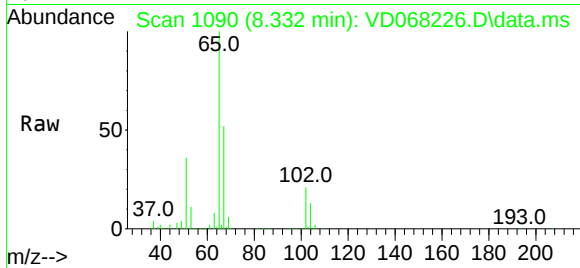




#33
1,2-Dichloroethane-d4
Concen: 60.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

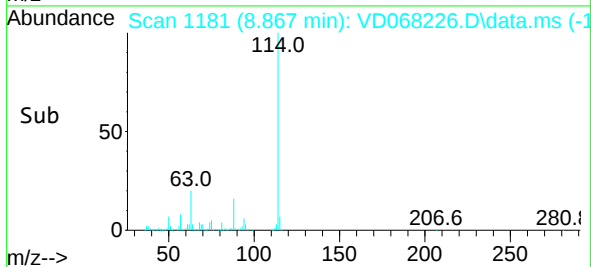
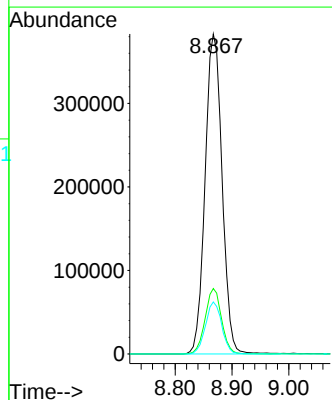
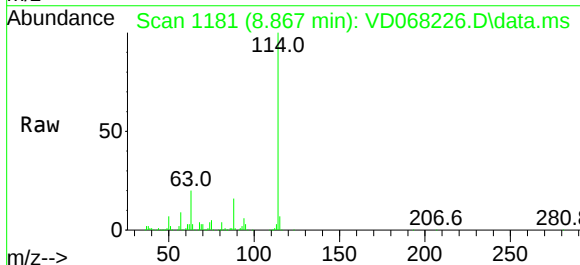
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

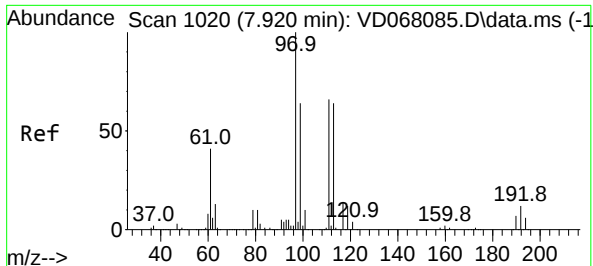
Tgt Ion: 65 Resp: 260086
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 114 Resp: 794031
Ion Ratio Lower Upper
114 100
63 20.5 0.0 34.8
88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.36 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068226.D

Acq: 28 Jan 2021 16:34

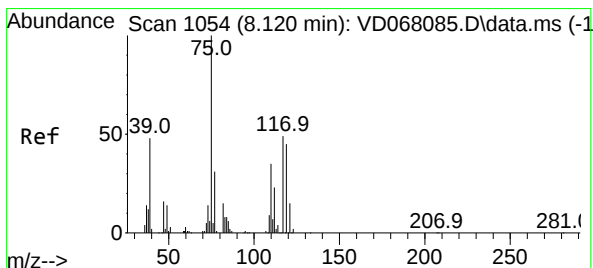
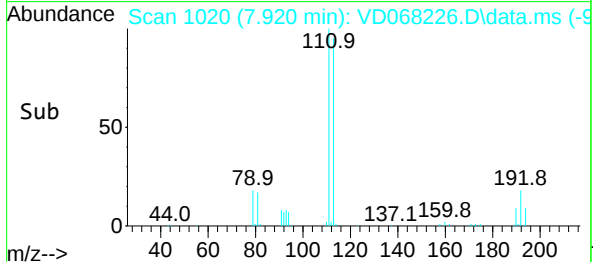
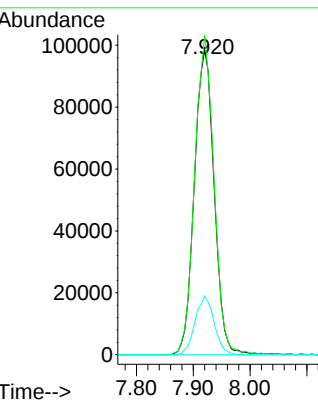
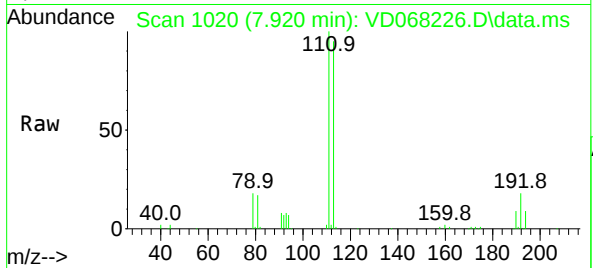
Tgt Ion:113 Resp: 238627

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068226.D

Acq: 28 Jan 2021 16:34

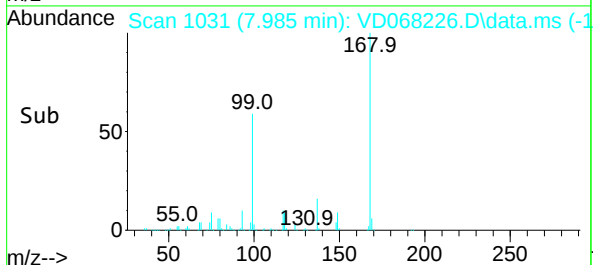
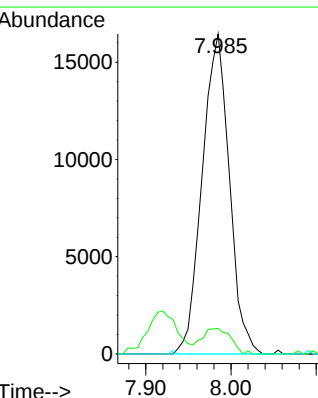
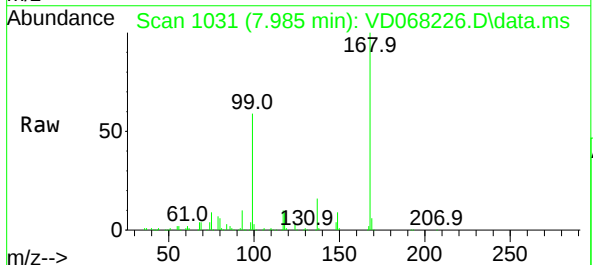
Tgt Ion: 75 Resp: 36443

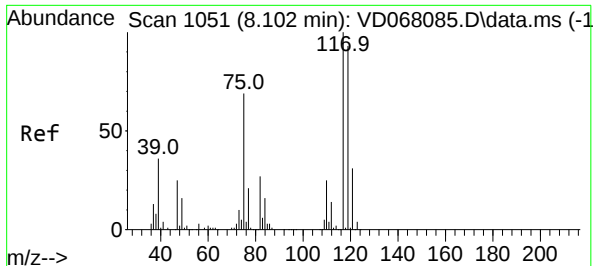
Ion Ratio Lower Upper

75 100

110 8.4 19.4 58.2#

77 0.0 25.3 37.9#

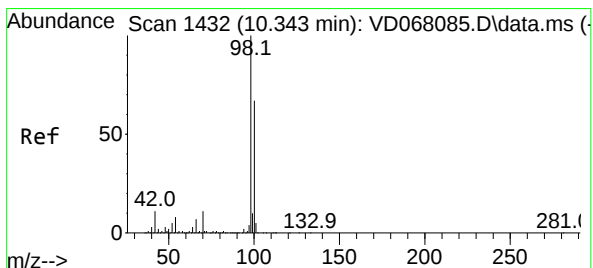
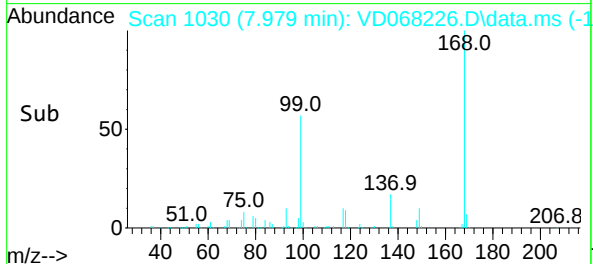
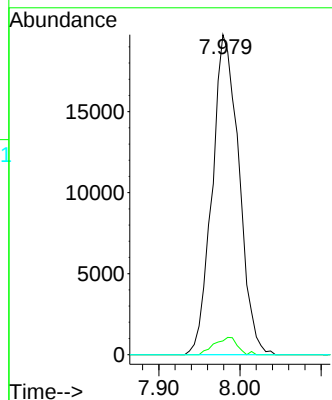
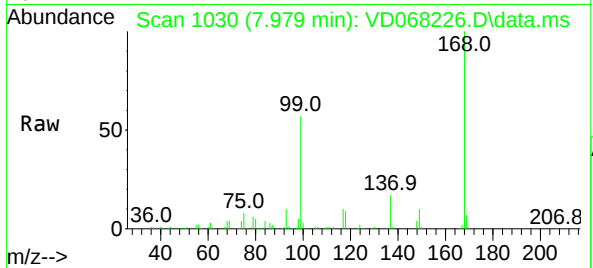




#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

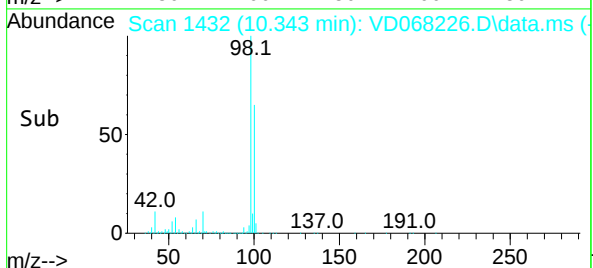
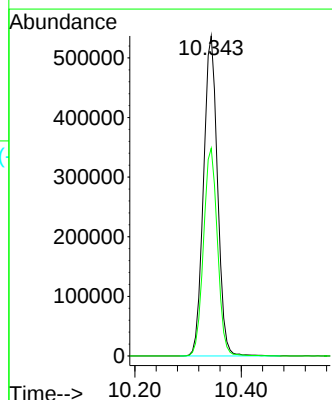
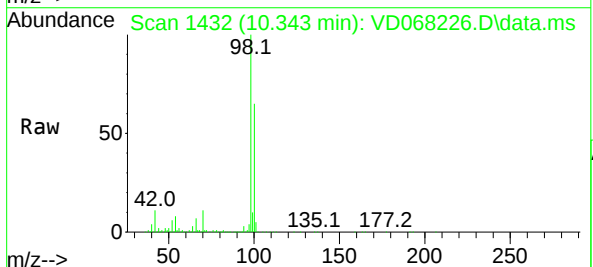
Instrument :
MSVOA_D
ClientSampled :
RS-SP3

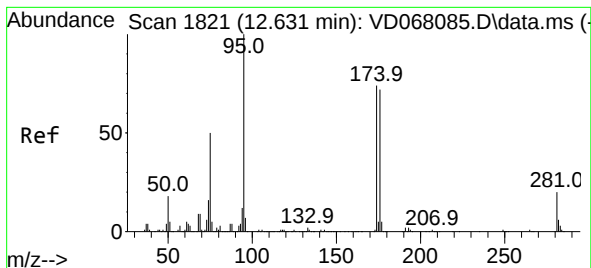
Tgt Ion:117 Resp: 45282
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.70 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 98 Resp: 978049
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

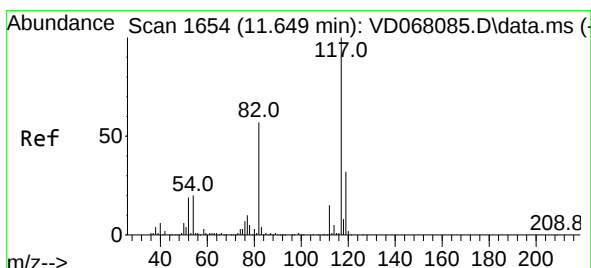
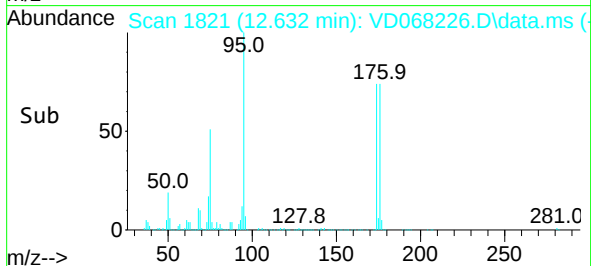
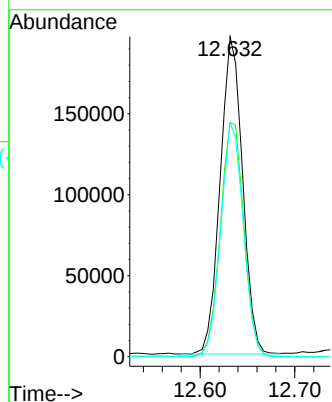
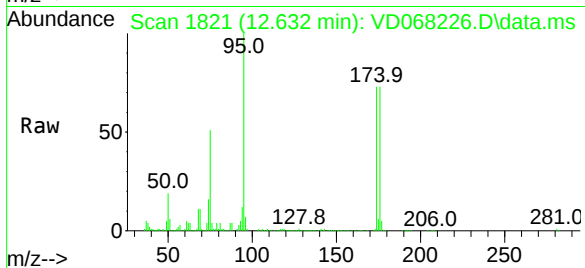




#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

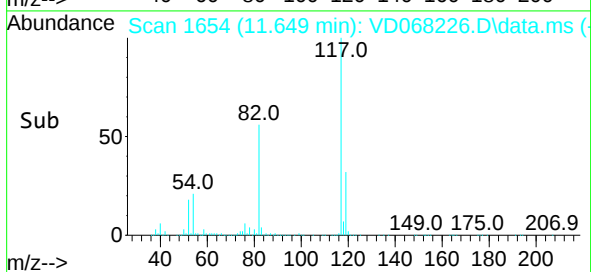
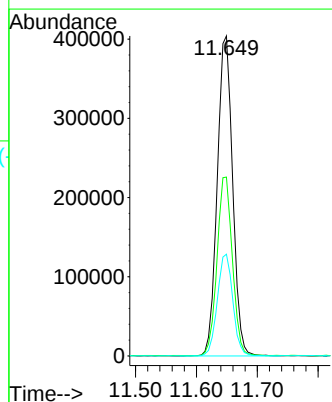
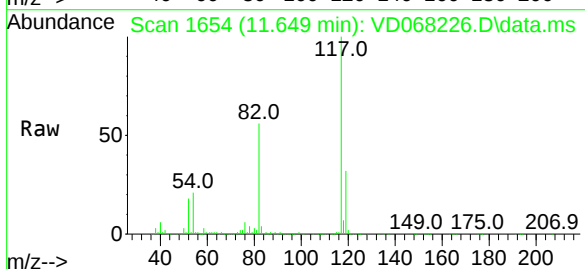
Instrument :
MSVOA_D
ClientSampleId :
RS-SP3

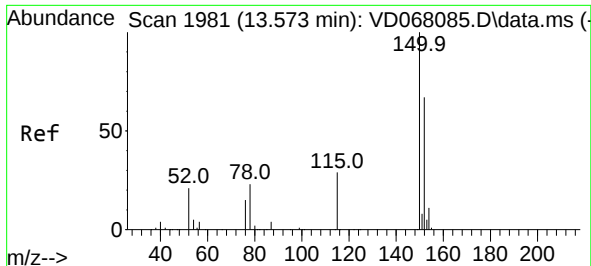
Tgt Ion: 95 Resp: 321972
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 117 Resp: 708702
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 31.7 26.1 39.1

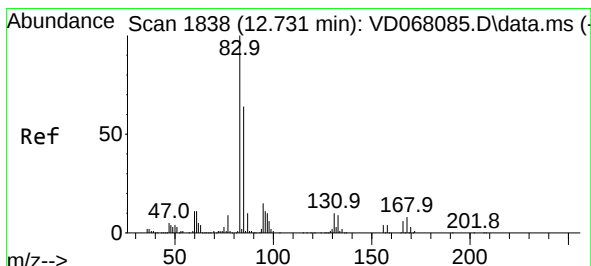
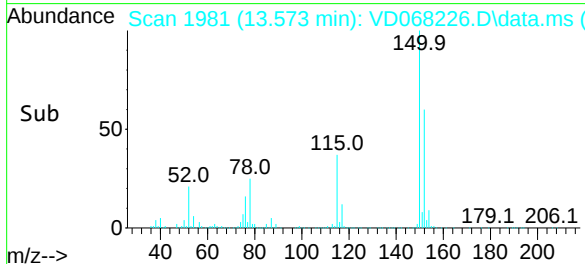
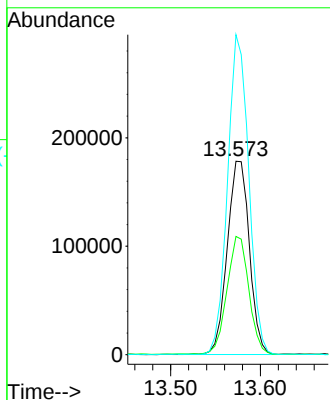
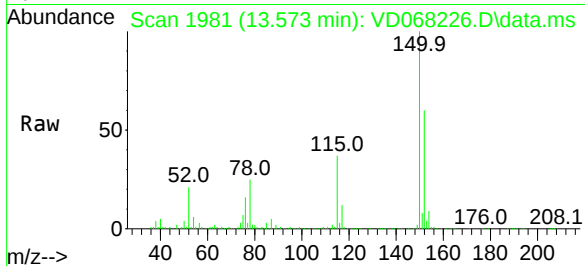




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

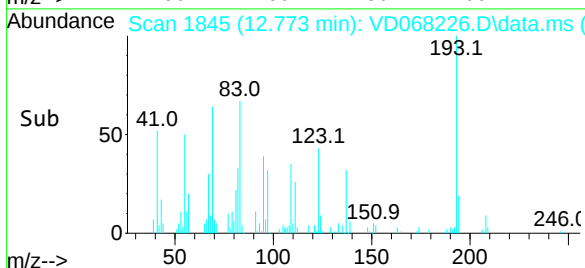
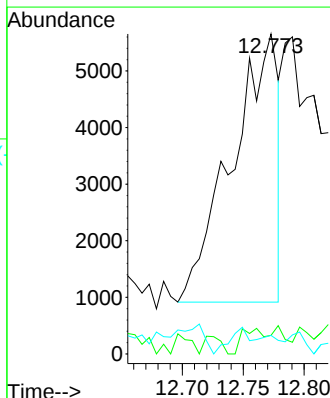
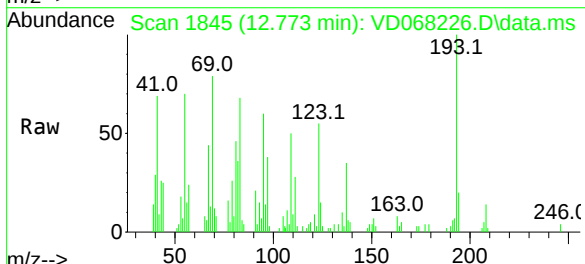
Instrument :
MSVOA_D
ClientSampled :
RS-SP3

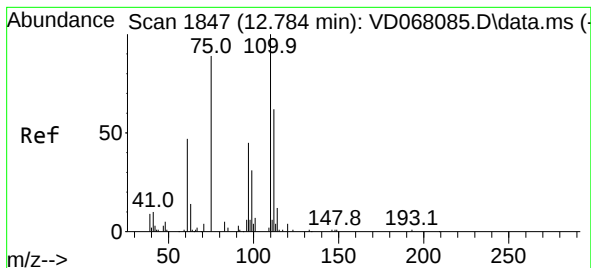
Tgt Ion:152 Resp: 305263
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.8
150 158.1 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: 3.11 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.041 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 83 Resp: 12552
Ion Ratio Lower Upper
83 100
131 4.4 5.8 17.4#
85 0.0 32.4 97.2#

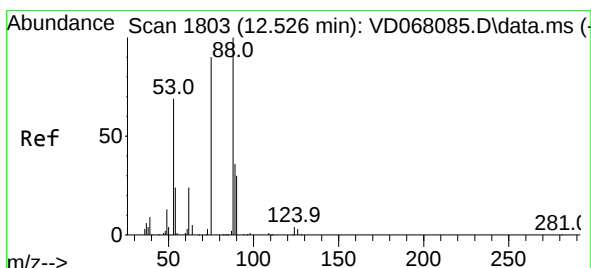
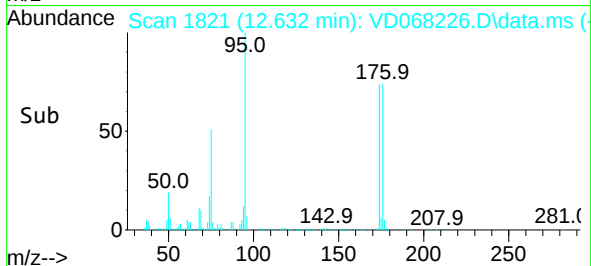
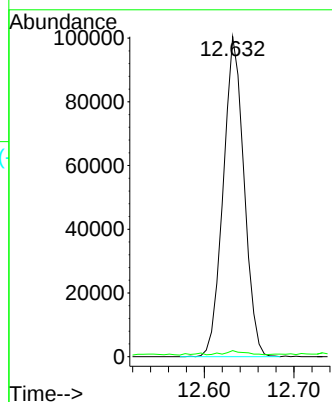
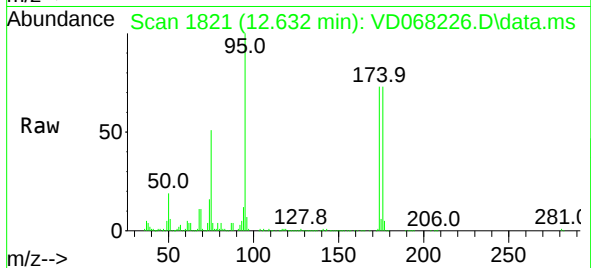




#76
1,2,3-Trichloropropane
Concen: 54.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Instrument :
MSVOA_D
ClientSampled :
RS-SP3

Tgt Ion: 75 Resp: 161740
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068226.D
Acq: 28 Jan 2021 16:34

Tgt Ion: 75 Resp: 161740
Ion Ratio Lower Upper
75 100
53 0.2 70.2 105.2#
89 0.1 40.3 60.5#

