

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068907.D
 Acq On : 19 Apr 2021 18:55
 Operator : VA/SY
 Sample : M2076-13
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-0-2.0

Quant Time: Apr 20 00:55:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

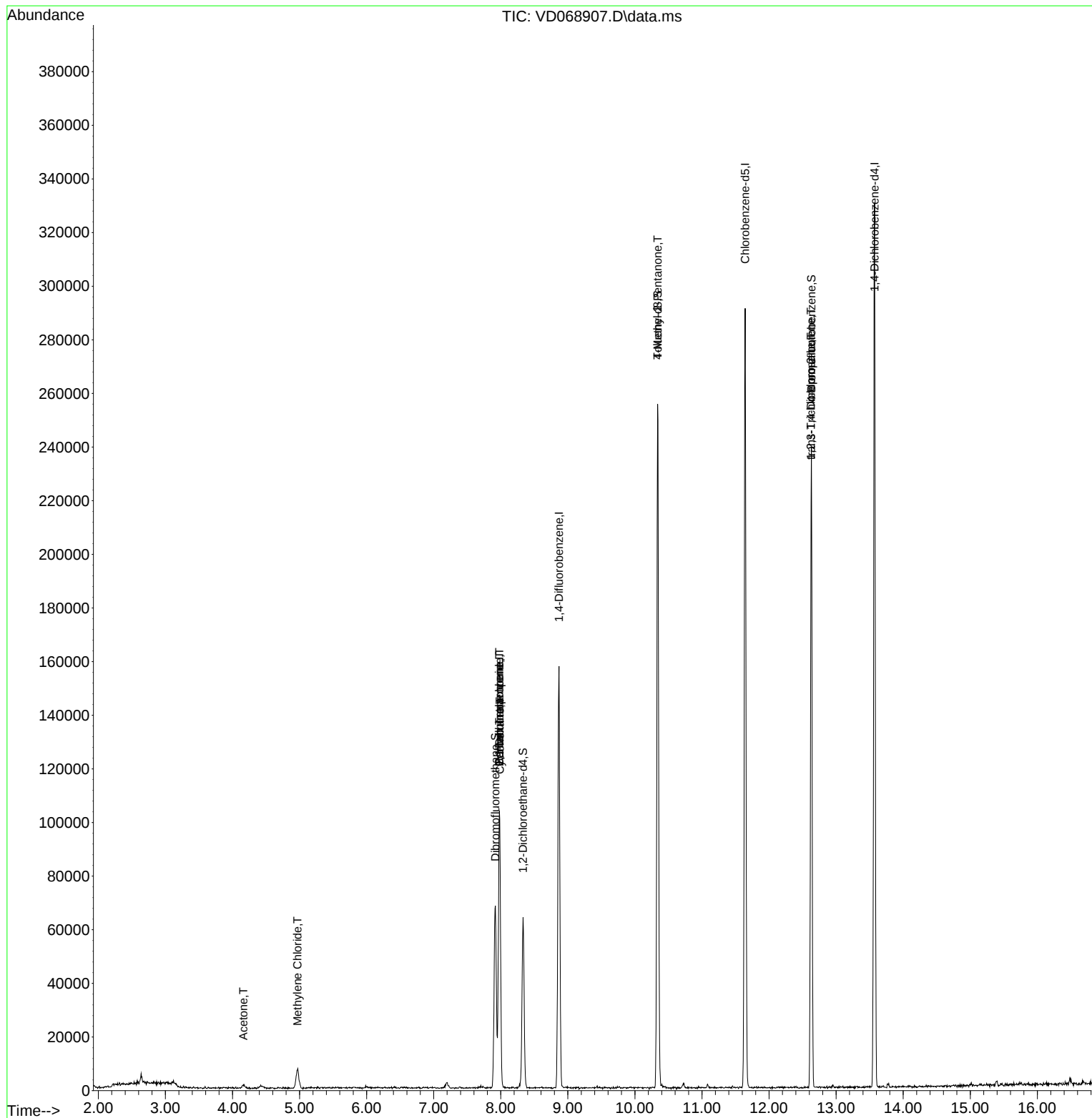
Internal Standards						
1) Pentafluorobenzene	7.979	168	80180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	143228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	176833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	91002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	48612	57.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.74%
35) Dibromofluoromethane	7.920	113	48837	52.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.84%
50) Toluene-d8	10.338	98	184016	52.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.72%
62) 4-Bromofluorobenzene	12.632	95	77224	66.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.32%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	59	Below Cal	#	73
16) Acetone	4.162	43	1989	16.95	ug/l	100
20) Methylene Chloride	4.967	84	6192	1.88	ug/l	# 86
31) Cyclohexane	7.985	56	1570	1.11	ug/l	# 44
36) 1,1-Dichloropropene	7.979	75	6163	4.25	ug/l	# 46
38) Carbon Tetrachloride	7.979	117	8179	5.70	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.338	43	815	1.86	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	38854	46.74	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	38854	108.46	ug/l	# 16

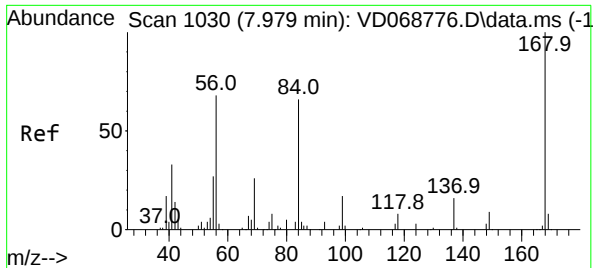
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
SB-17-0-2.0

Quant Time: Apr 20 00:55:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

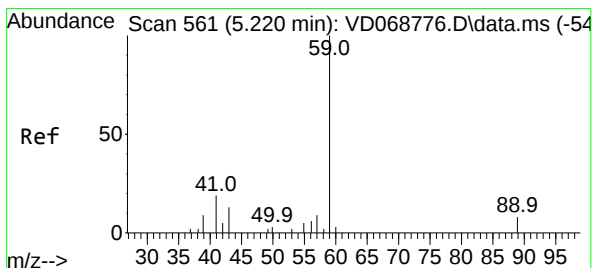
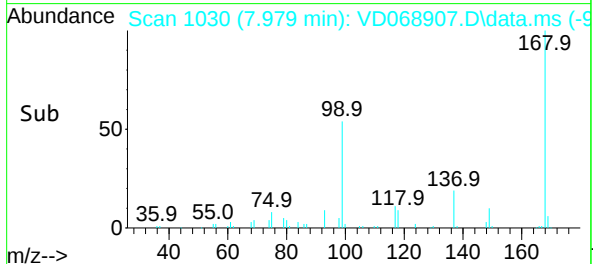
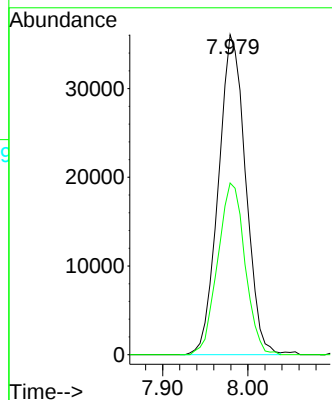
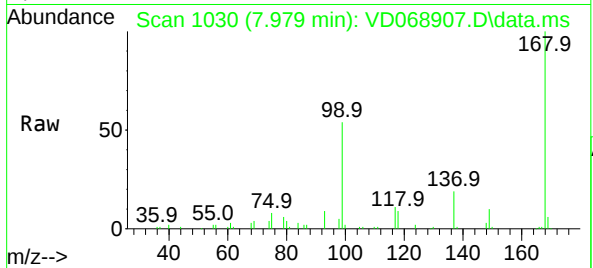




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

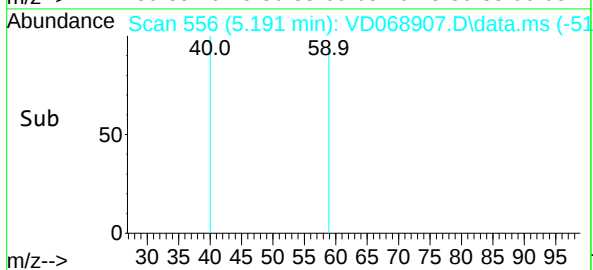
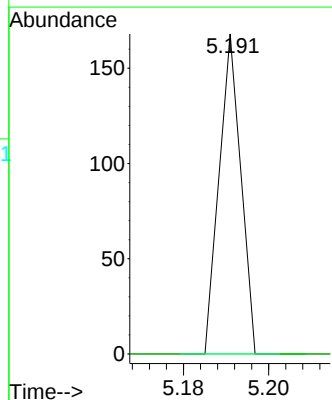
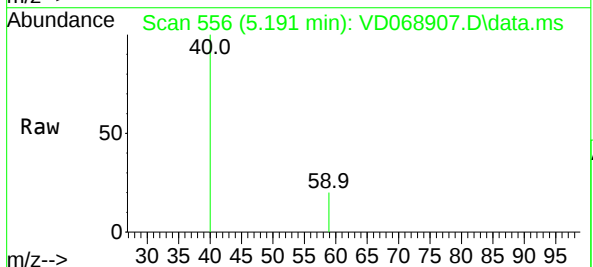
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0

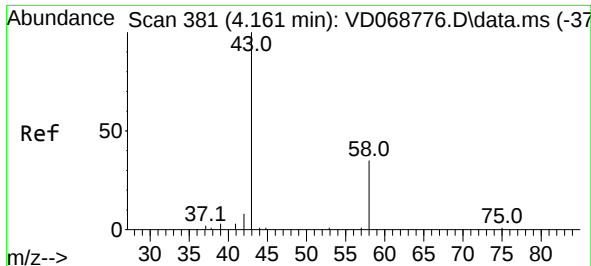
Tgt Ion:168 Resp: 80180
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

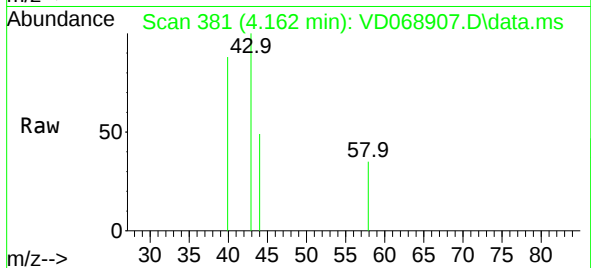
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



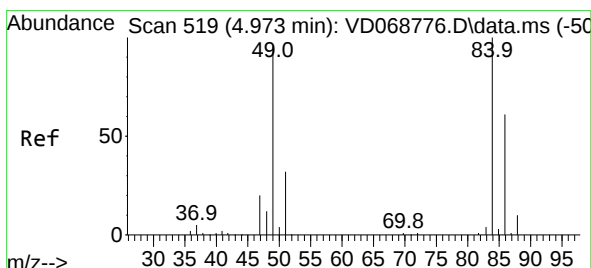
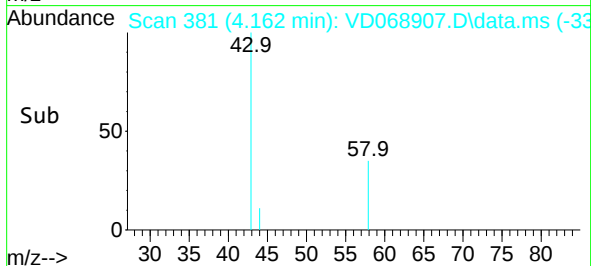
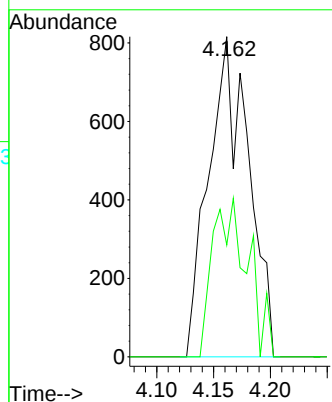


#16
Acetone
Concen: 16.95 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampled :
SB-17-0-2.0

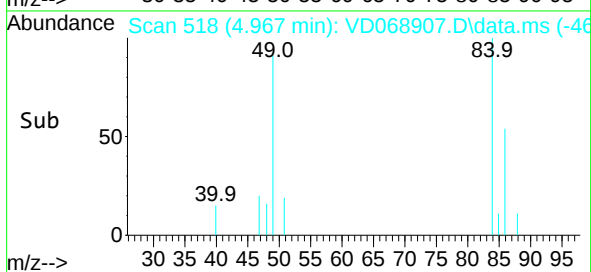
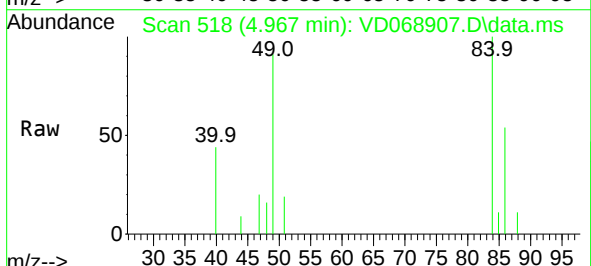
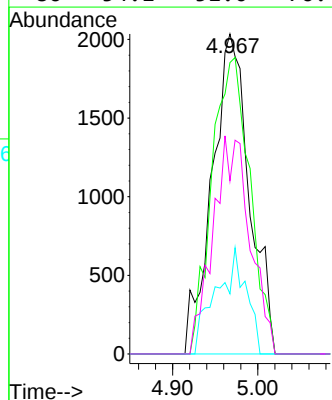


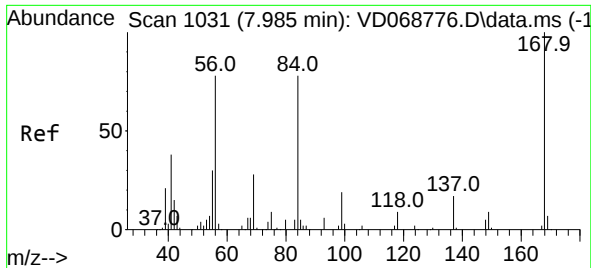
Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0



#20
Methylene Chloride
Concen: 1.88 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion: 84 Resp: 6192
Ion Ratio Lower Upper
84 100
49 91.1 83.4 125.0
51 18.8 23.4 35.2#
86 54.1 51.0 76.4

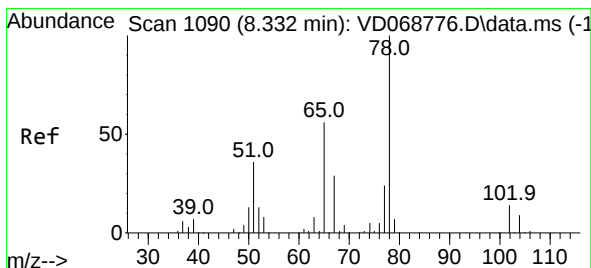
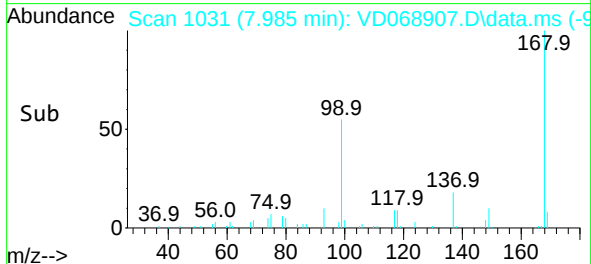
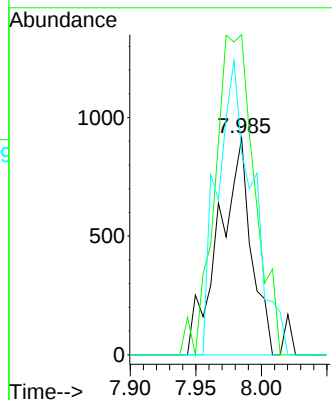
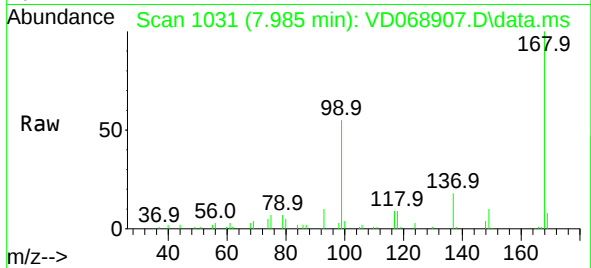




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

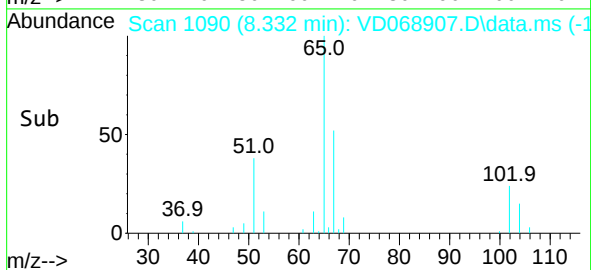
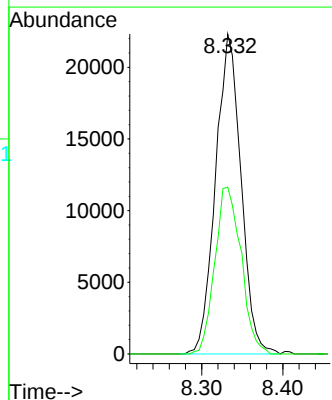
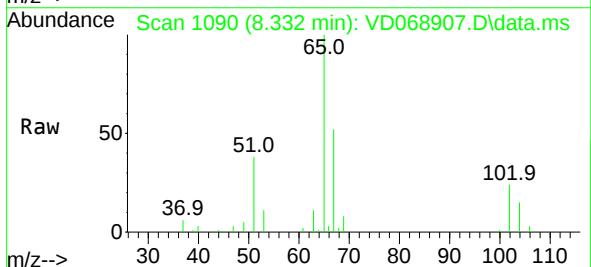
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0

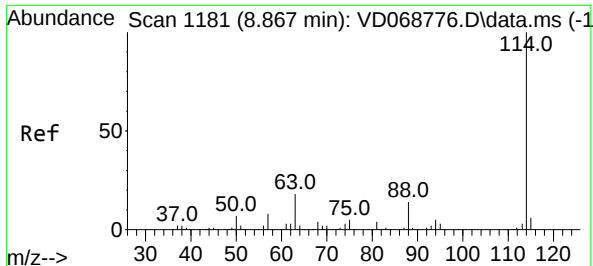
Tgt Ion: 56 Resp: 1570
Ion Ratio Lower Upper
56 100
69 147.8 30.0 45.0#
84 93.4 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 57.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion: 65 Resp: 48612
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

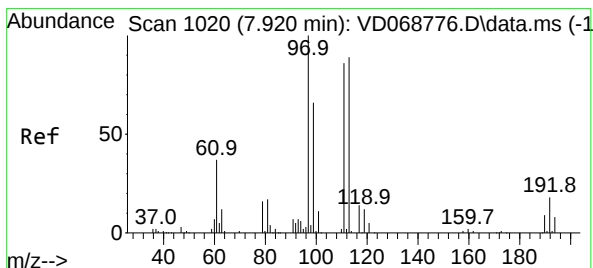
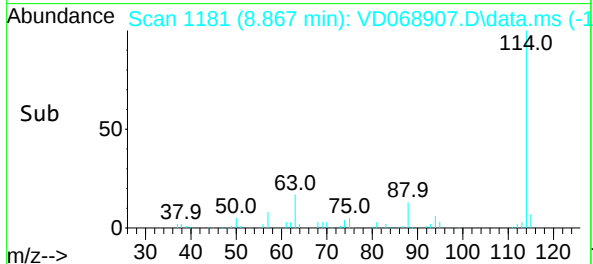
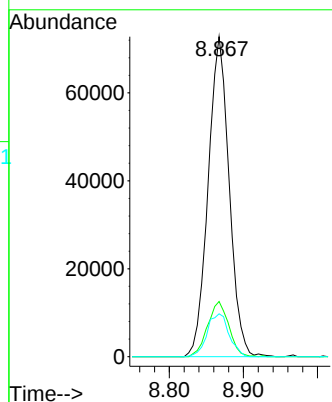
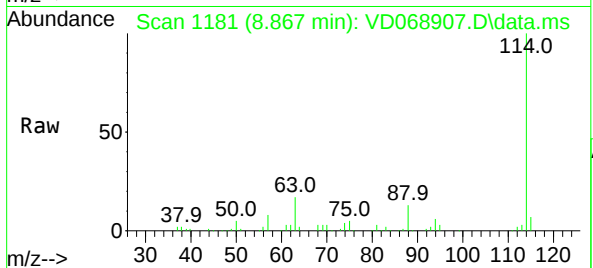




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

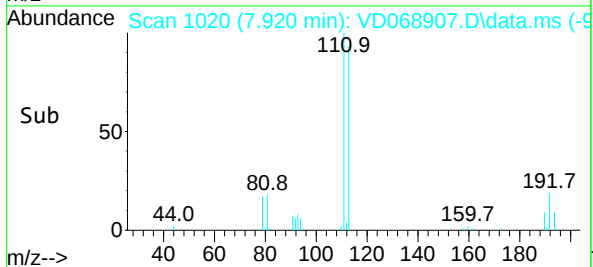
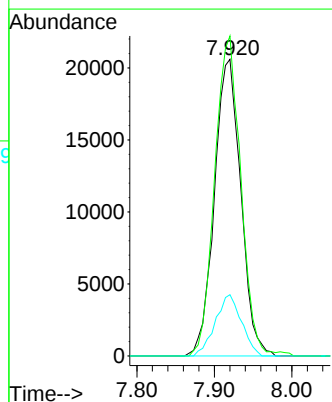
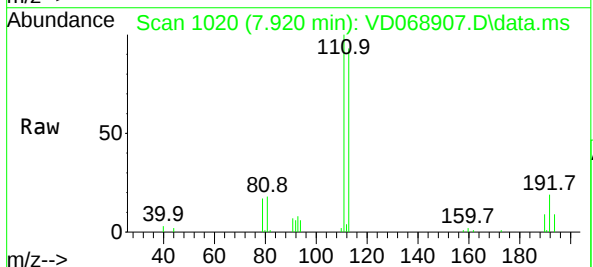
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0

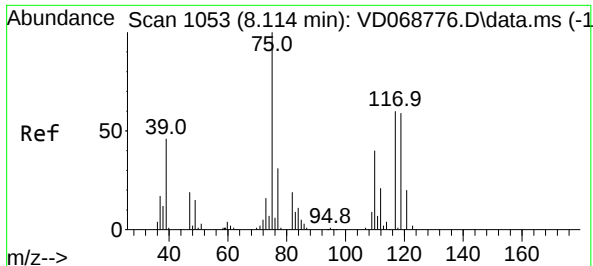
Tgt Ion:114 Resp: 143228
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 13.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.42 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion:113 Resp: 48837
Ion Ratio Lower Upper
113 100
111 106.7 82.5 123.7
192 20.5 15.1 22.7

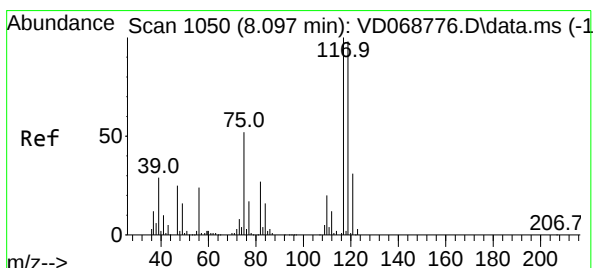
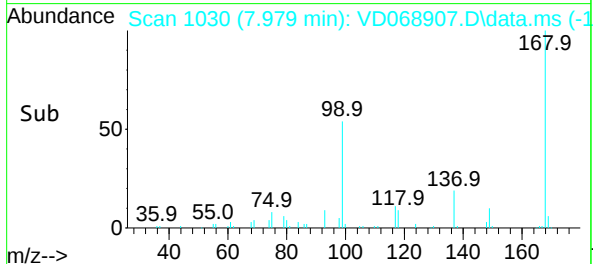
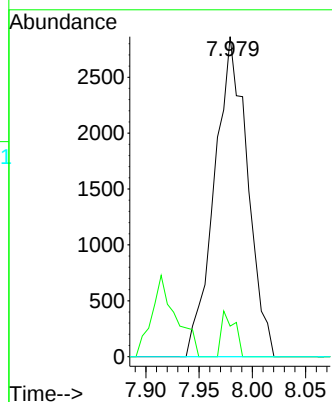
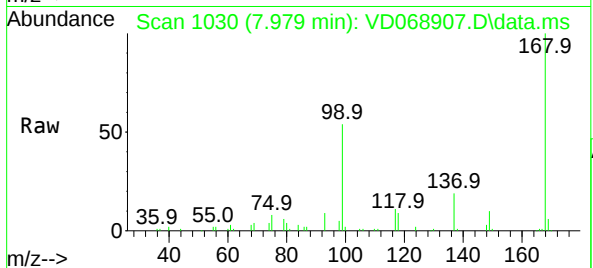




#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

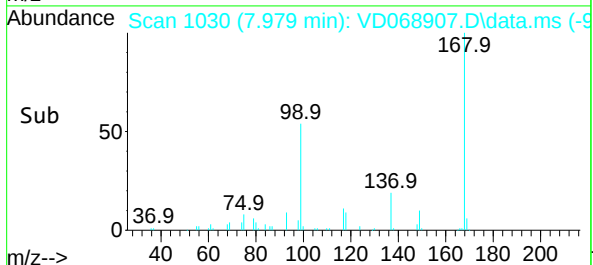
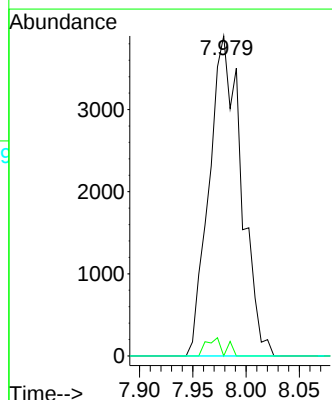
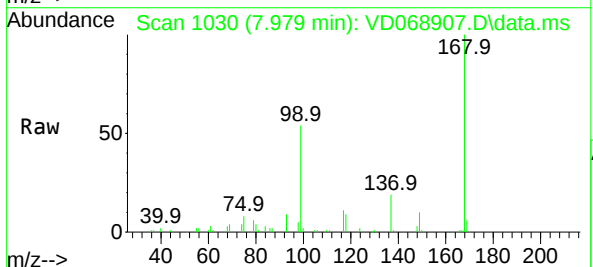
Instrument :
MSVOA_D
ClientSampled :
SB-17-0-2.0

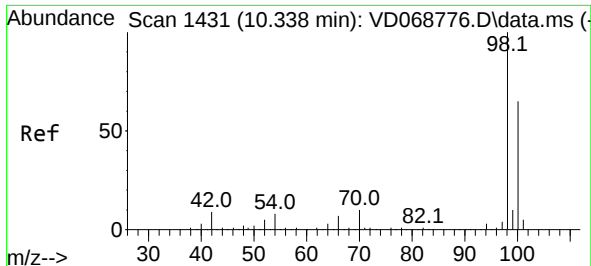
Tgt Ion: 75 Resp: 6163
Ion Ratio Lower Upper
75 100
110 5.7 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion: 117 Resp: 8179
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#

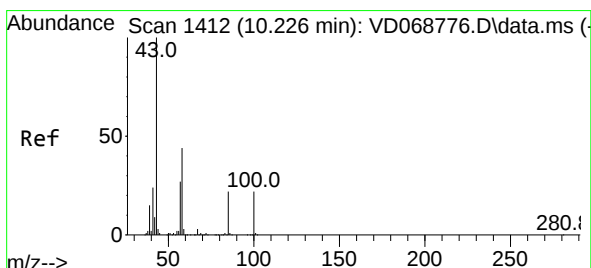
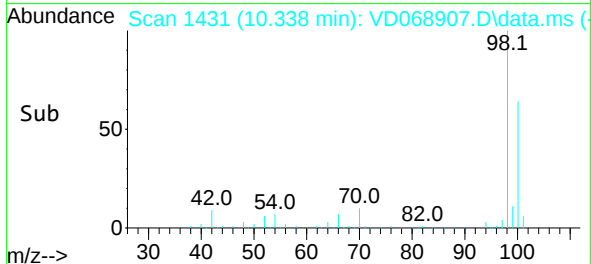
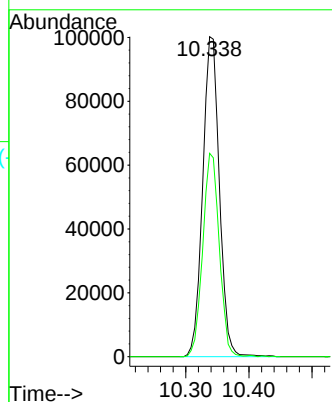
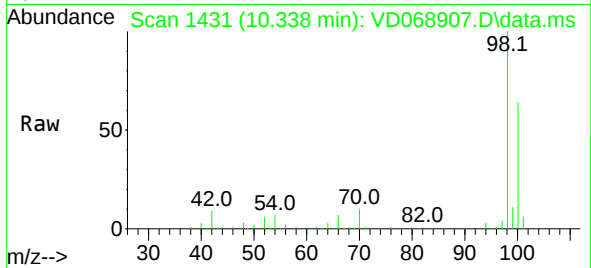




#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

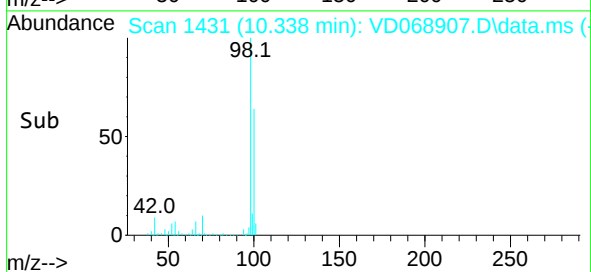
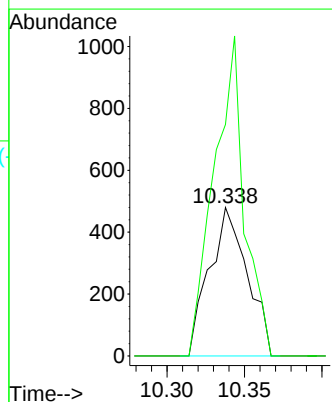
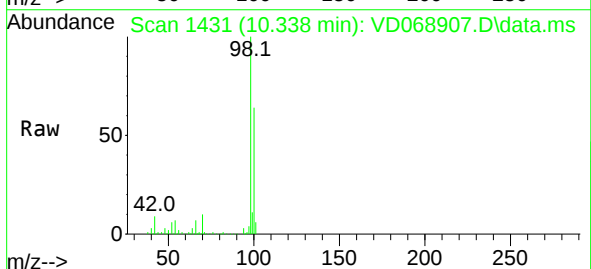
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SB-17-0-2.0

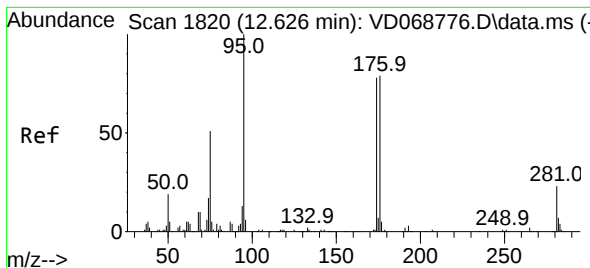
Tgt Ion: 98 Resp: 184016
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 173.0 37.3 55.9#

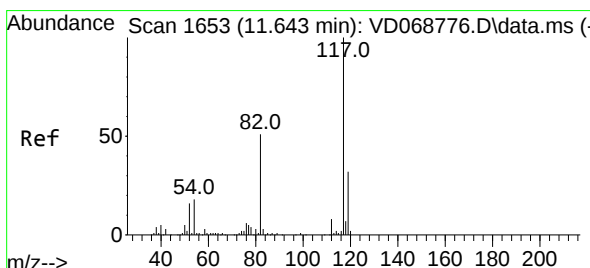
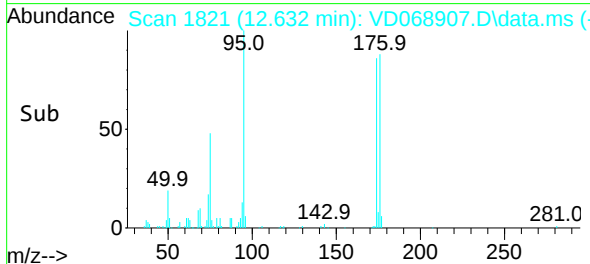
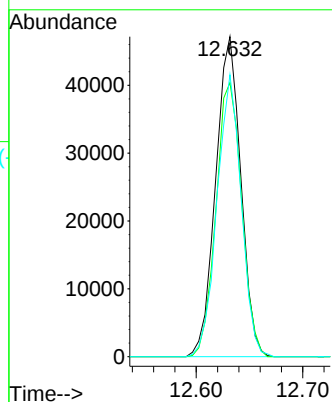
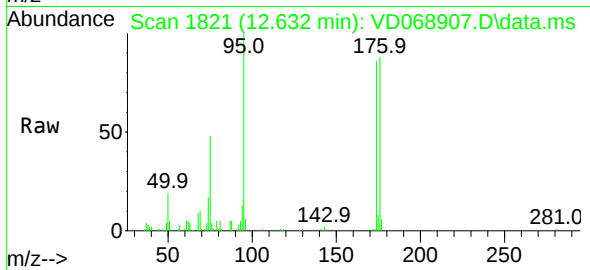




#62
4-Bromofluorobenzene
Concen: 66.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

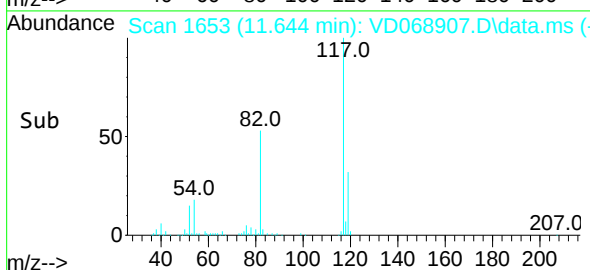
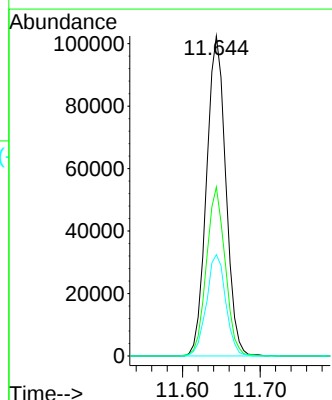
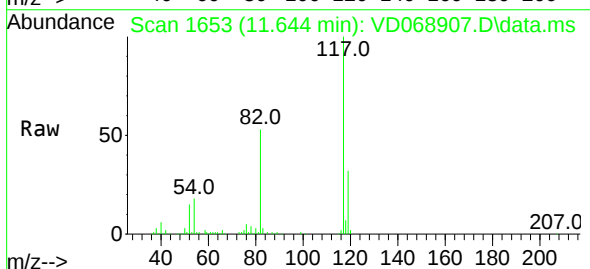
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0

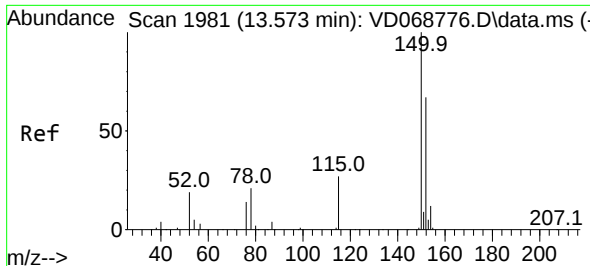
Tgt Ion: 95 Resp: 77224
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 84.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068907.D
Acq: 19 Apr 2021 18:55

Tgt Ion: 117 Resp: 176833
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 31.7 26.7 40.1

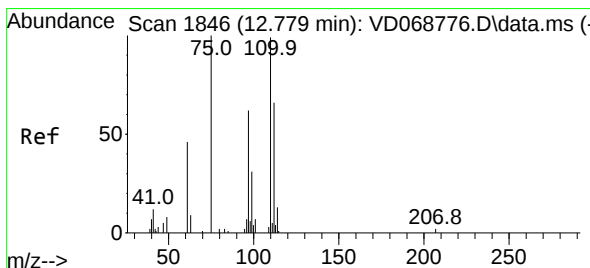
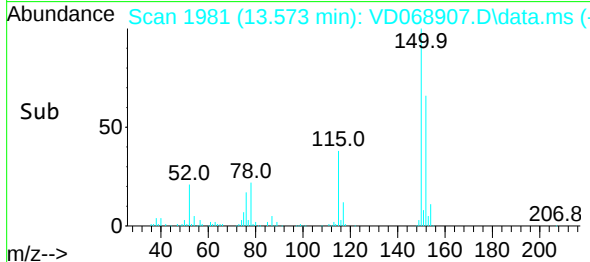
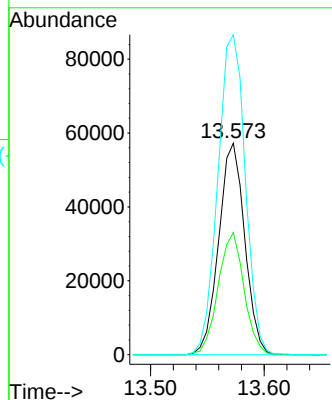
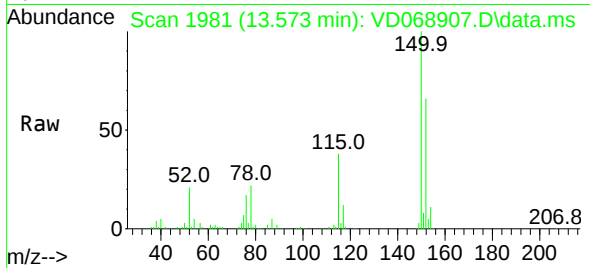




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068907.D
 Acq: 19 Apr 2021 18:55

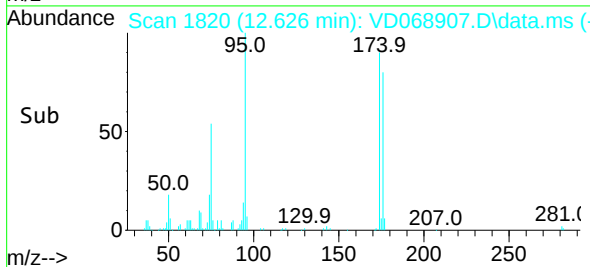
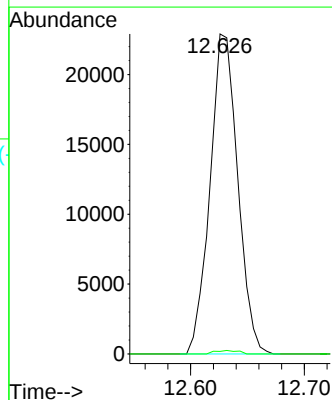
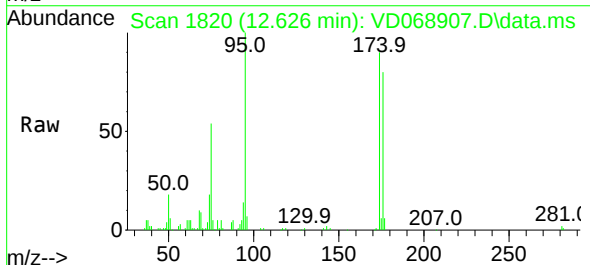
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-0-2.0

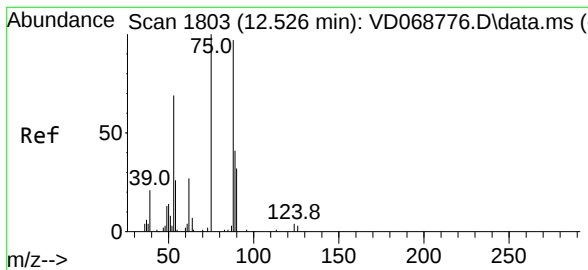
Tgt Ion:152 Resp: 91002
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.3 87.8
 150 159.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.74 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD068907.D
 Acq: 19 Apr 2021 18:55

Tgt Ion: 75 Resp: 38854
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.46 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068907.D
 Acq: 19 Apr 2021 18:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-0-2.0

Tgt Ion: 75 Resp: 38854
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

