

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068901.D
 Acq On : 19 Apr 2021 16:05
 Operator : VA/SY
 Sample : M2077-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-0-2.0

Quant Time: Apr 20 00:53:25 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)

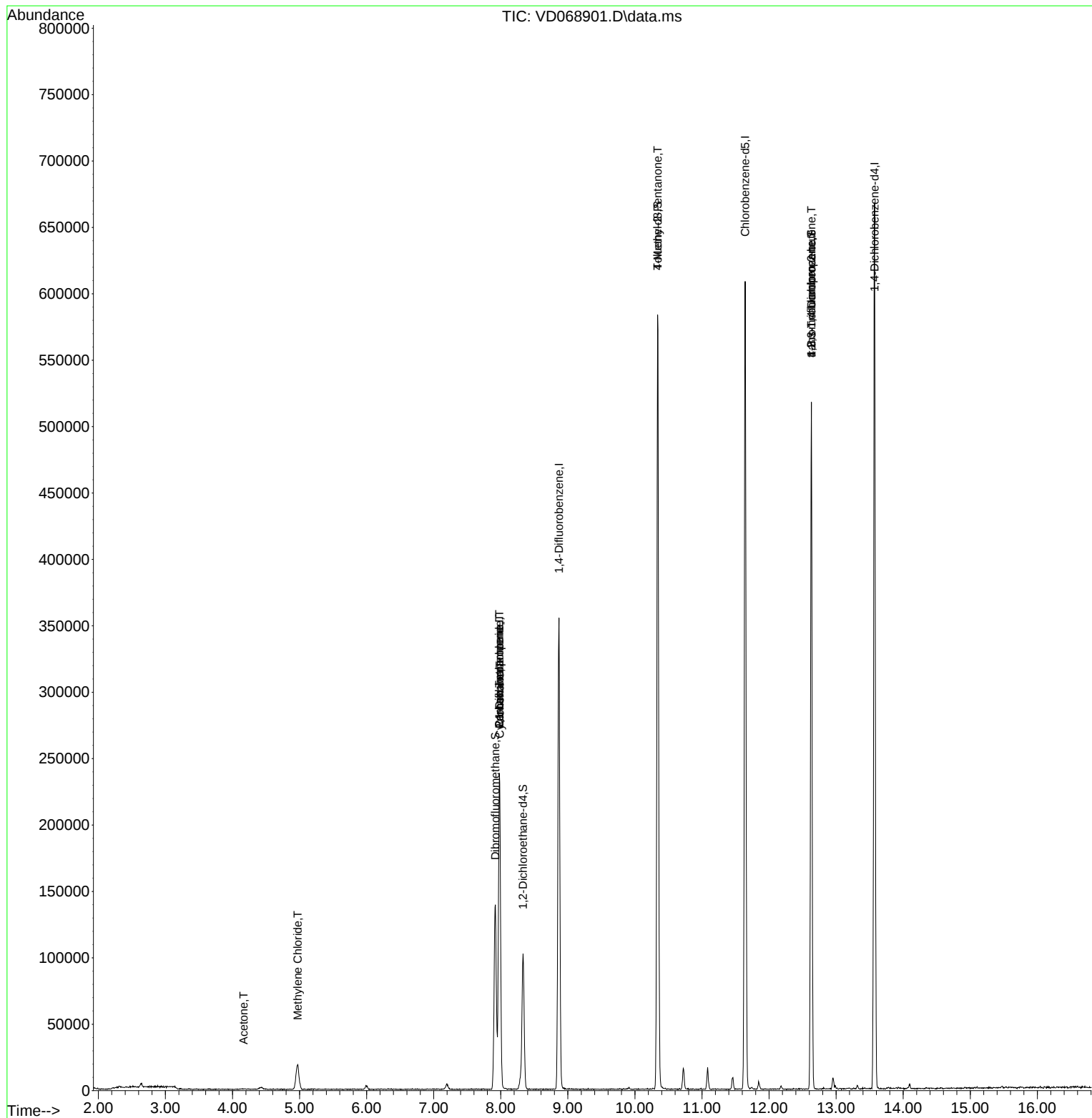
Internal Standards						
1) Pentafluorobenzene	7.979	168	184650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	319584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	366498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	181434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	80649	41.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.66%		
35) Dibromofluoromethane	7.920	113	99988	48.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.20%		
50) Toluene-d8	10.337	98	412935	52.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.32%		
62) 4-Bromofluorobenzene	12.631	95	160222	61.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	123.04%		
Target Compounds						
11) Tert butyl alcohol	5.226	59	59	Below Cal	#	73
16) Acetone	4.167	43	823	3.05 ug/l	#	40
20) Methylene Chloride	4.973	84	16696	3.12 ug/l		92
31) Cyclohexane	7.985	56	3946	1.22 ug/l	#	12
36) 1,1-Dichloropropene	7.979	75	13484	4.17 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	17463	5.45 ug/l	#	19
51) 4-Methyl-2-Pentanone	10.337	43	1499	1.54 ug/l	#	1
76) 1,2,3-Trichloropropane	12.631	75	79444	47.93 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.631	75	79444	111.23 ug/l	#	16

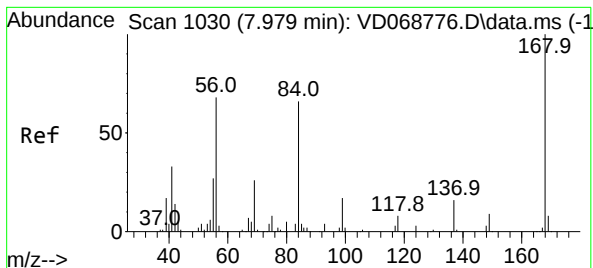
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068901.D
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Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-20-0-2.0

Quant Time: Apr 20 00:53:25 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

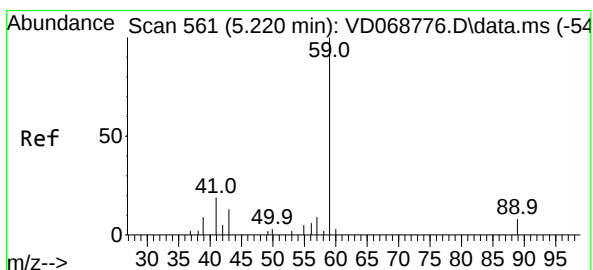
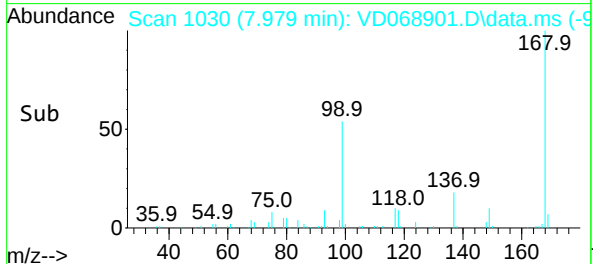
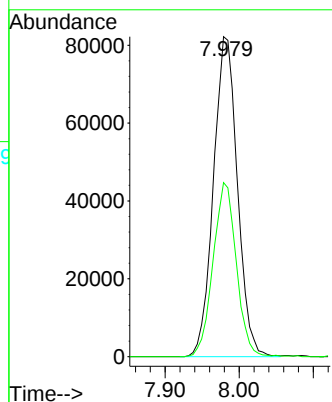
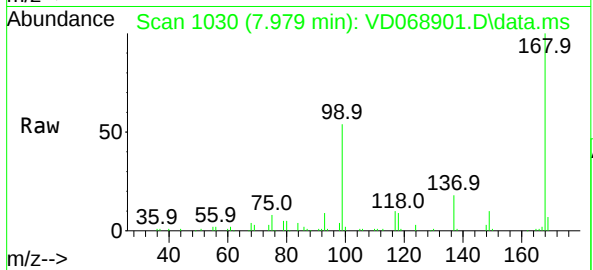




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

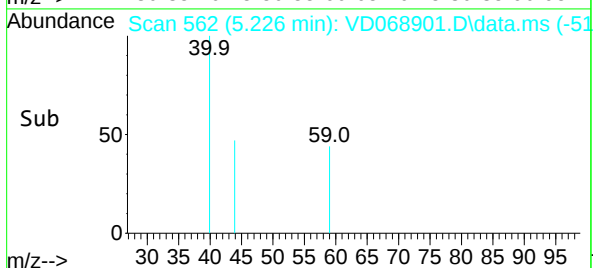
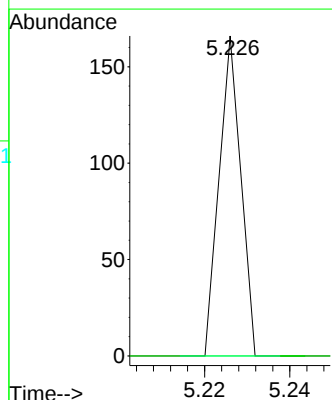
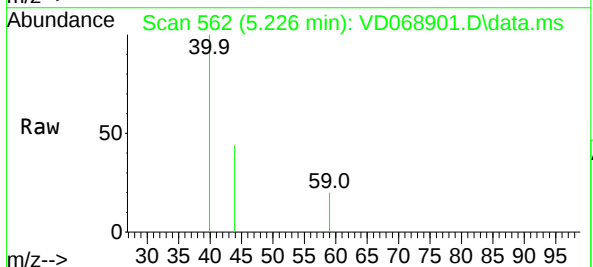
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

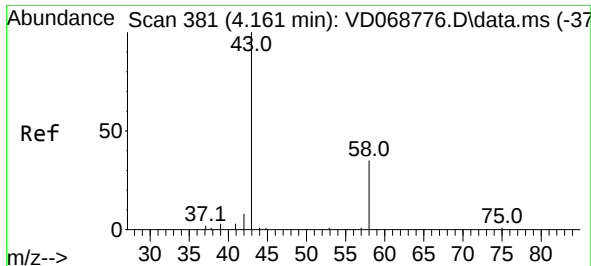
Tgt Ion:168 Resp: 184650
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

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

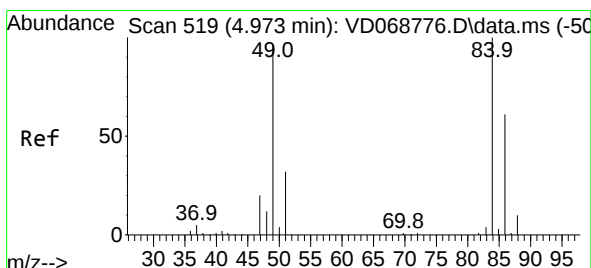
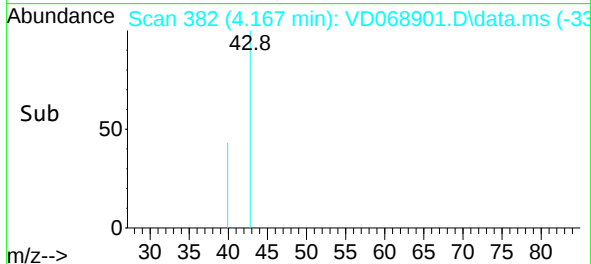
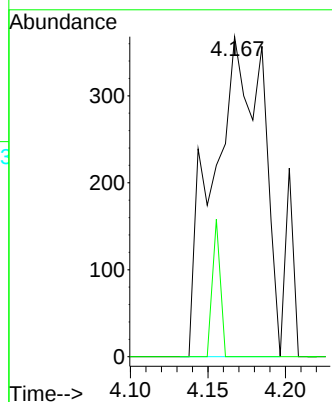
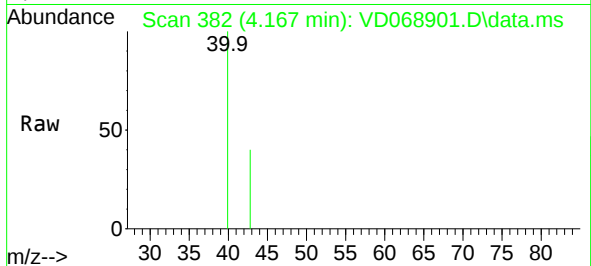




#16
Acetone
Concen: 3.05 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

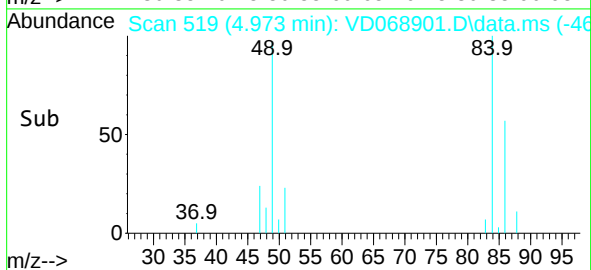
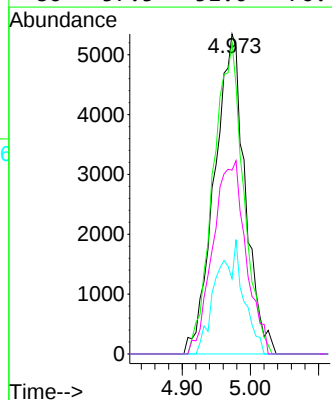
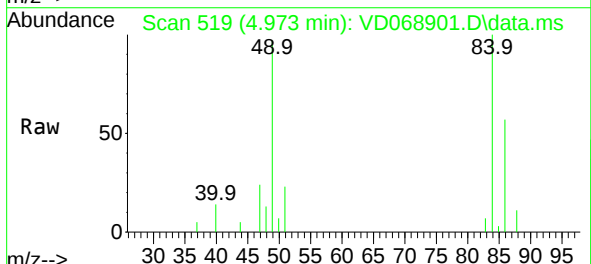
Instrument :
MSVOA_D
ClientSampleID :
SB-20-0-2.0

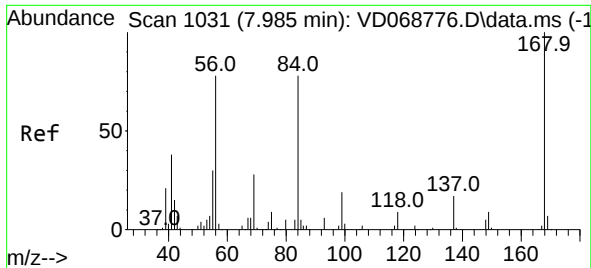
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 3.12 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 84 Resp: 16696
Ion Ratio Lower Upper
84 100
49 97.3 83.4 125.0
51 23.5 23.4 35.2
86 57.5 51.0 76.4

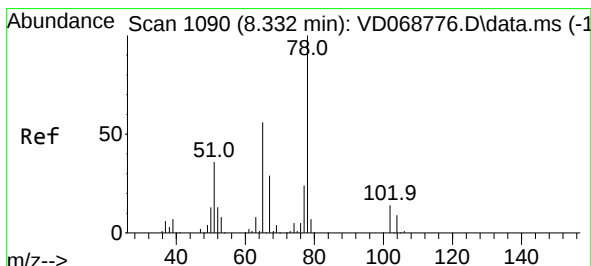
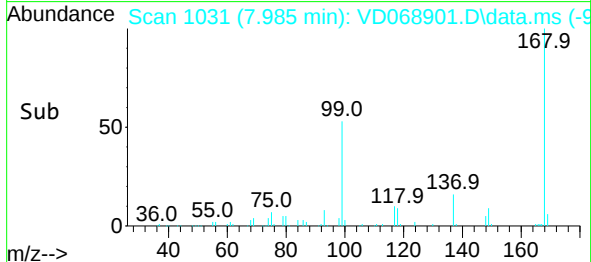
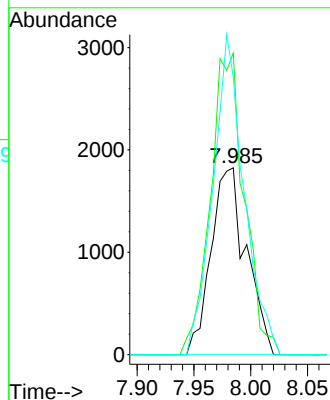
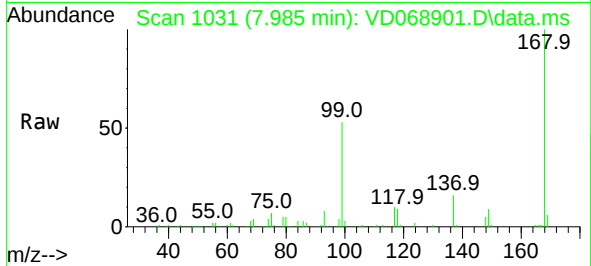




#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

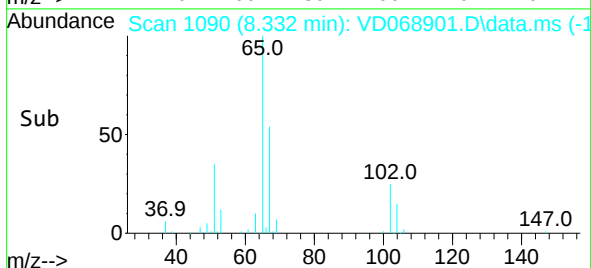
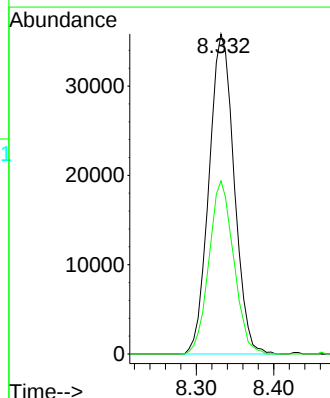
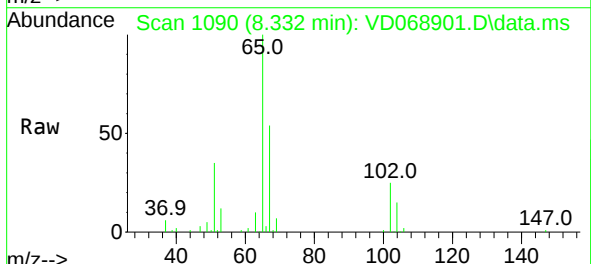
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

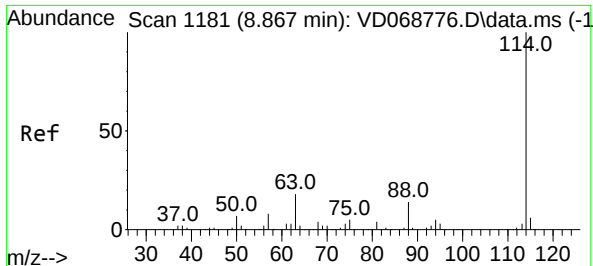
Tgt Ion: 56 Resp: 3946
Ion Ratio Lower Upper
56 100
69 161.3 30.0 45.0#
84 148.4 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 65 Resp: 80649
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0

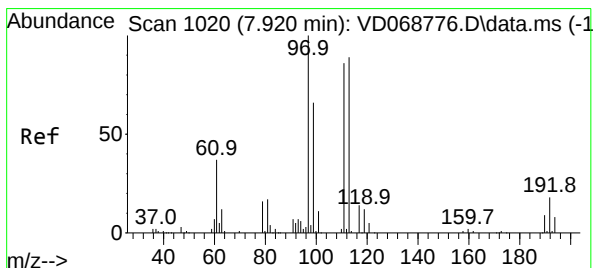
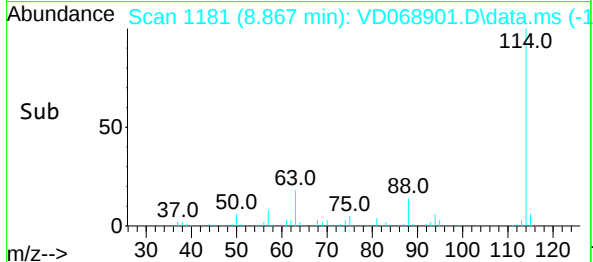
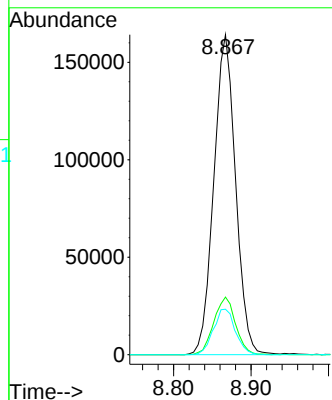
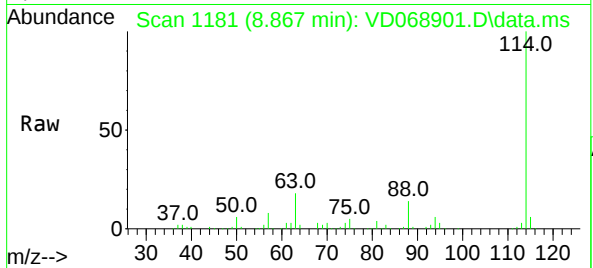




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

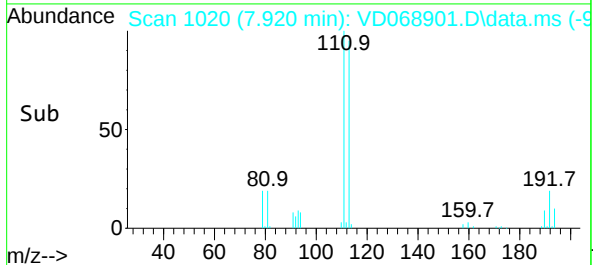
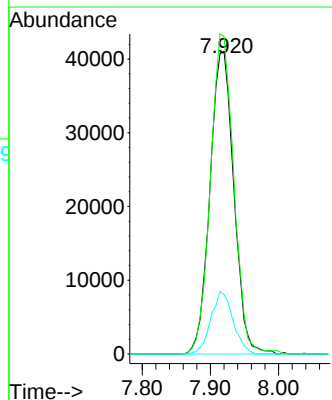
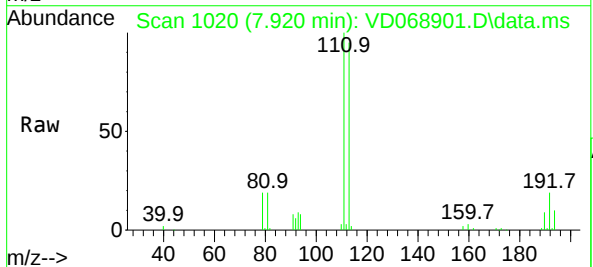
Instrument :
MSVOA_D
ClientSampled :
SB-20-0-2.0

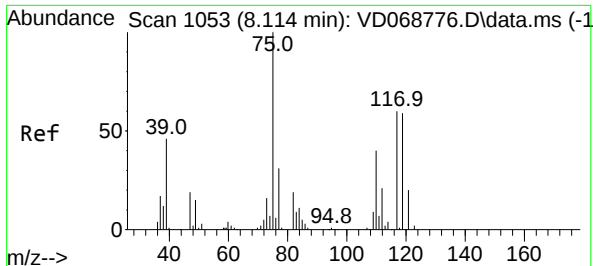
Tgt Ion:114 Resp: 319584
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.10 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion:113 Resp: 99988
Ion Ratio Lower Upper
113 100
111 103.6 82.5 123.7
192 19.2 15.1 22.7

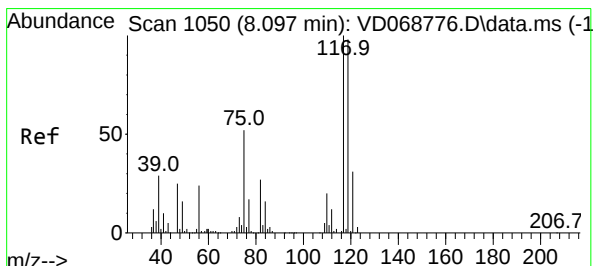
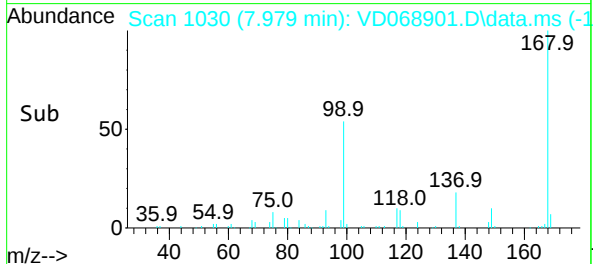
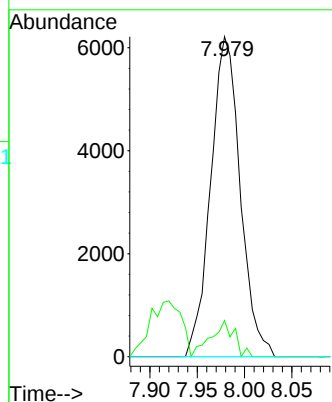
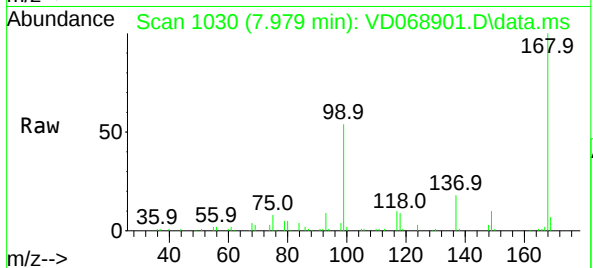




#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

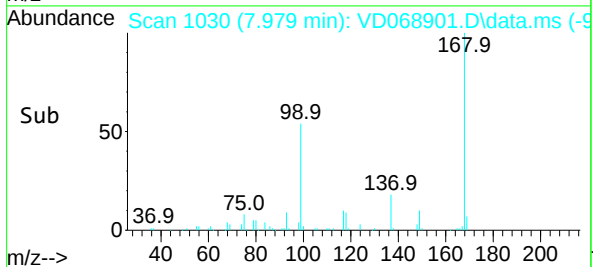
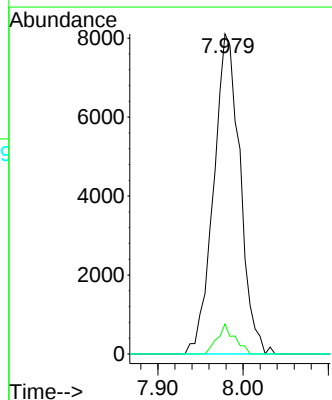
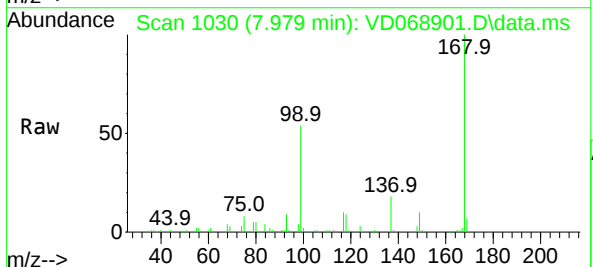
Instrument :
MSVOA_D
ClientSampled :
SB-20-0-2.0

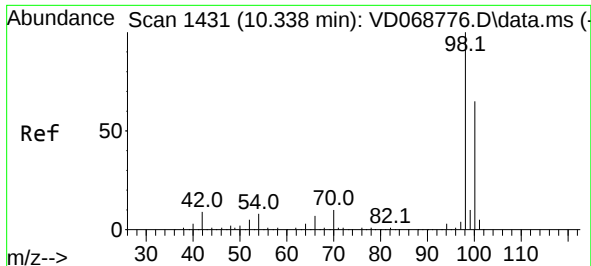
Tgt Ion: 75 Resp: 13484
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 117 Resp: 17463
Ion Ratio Lower Upper
117 100
119 9.3 76.6 115.0#
121 0.0 26.1 39.1#

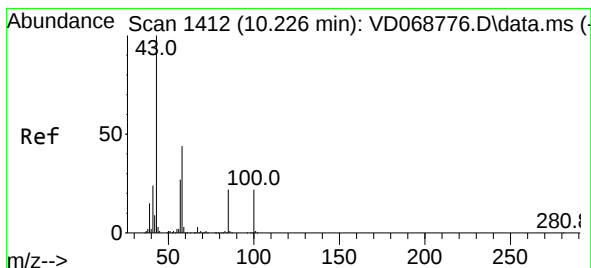
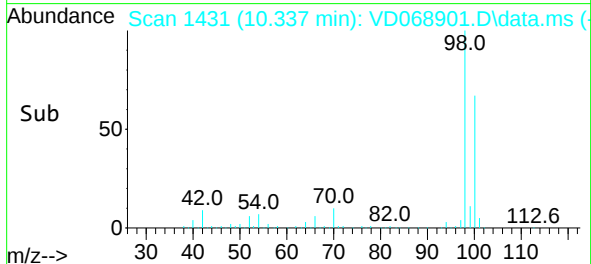
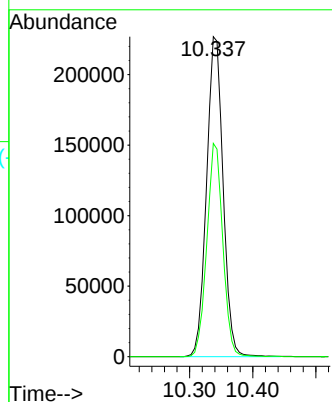
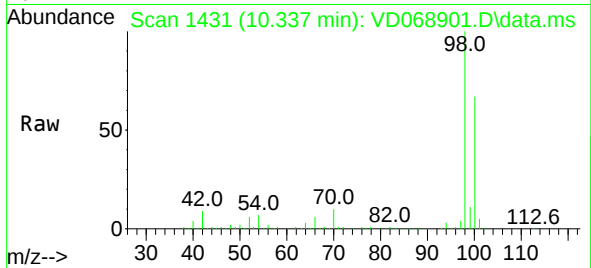




#50
Toluene-d8
Concen: 52.66 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

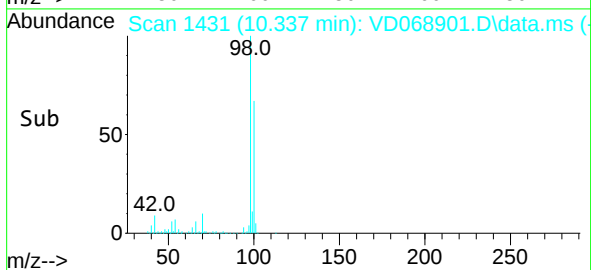
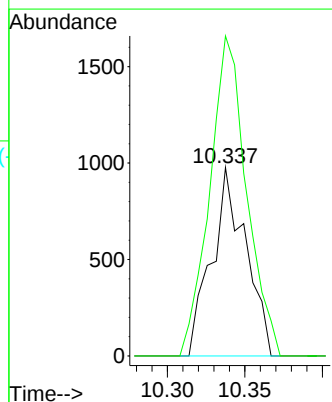
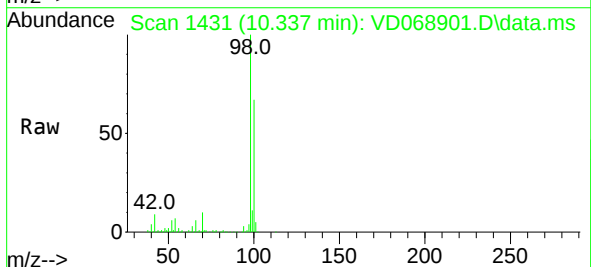
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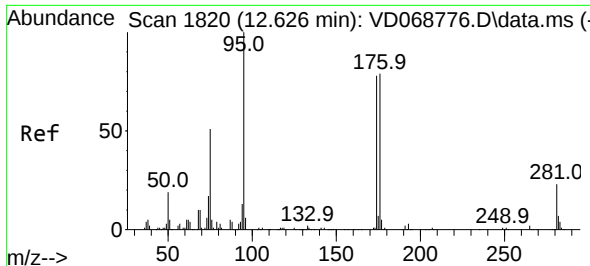
Tgt Ion: 98 Resp: 412935
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.54 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.111 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 183.0 37.3 55.9#

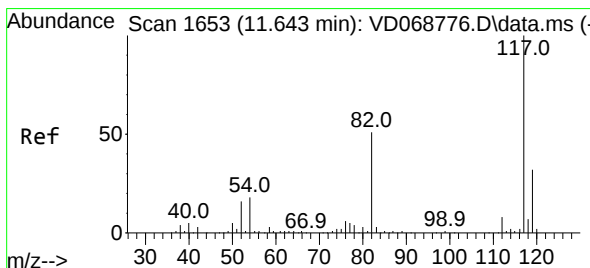
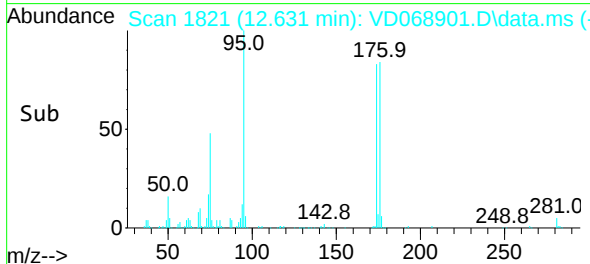
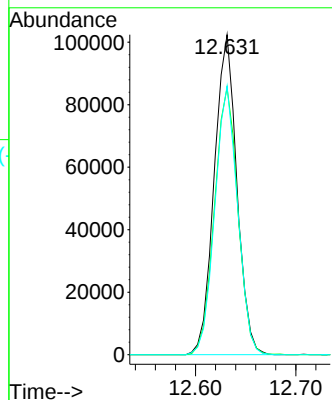
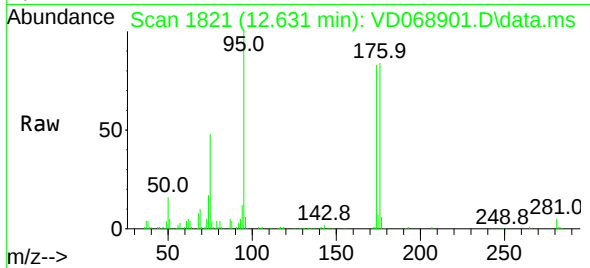




#62
4-Bromofluorobenzene
Concen: 61.52 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

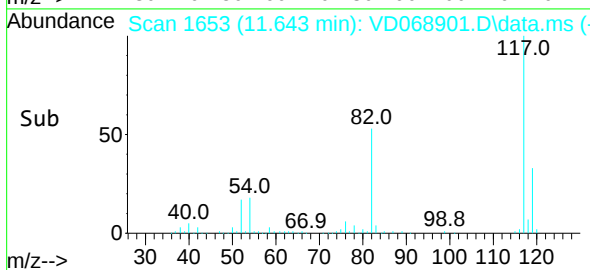
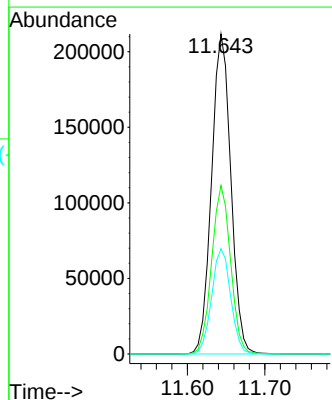
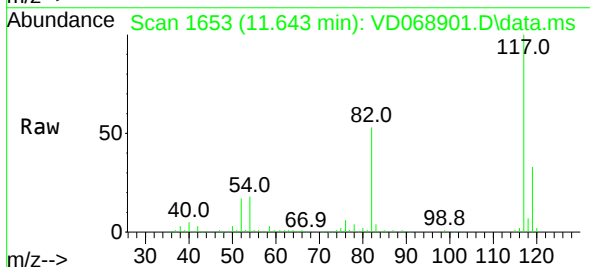
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

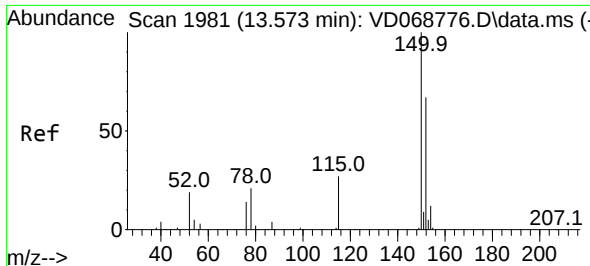
Tgt Ion: 95 Resp: 160222
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 117 Resp: 366498
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.9 26.7 40.1

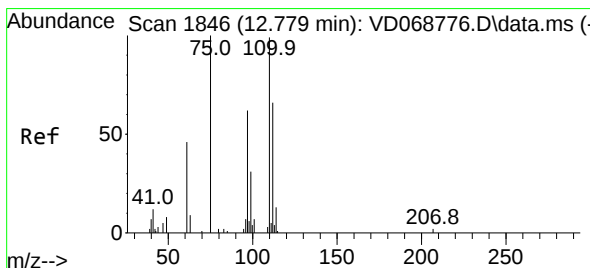
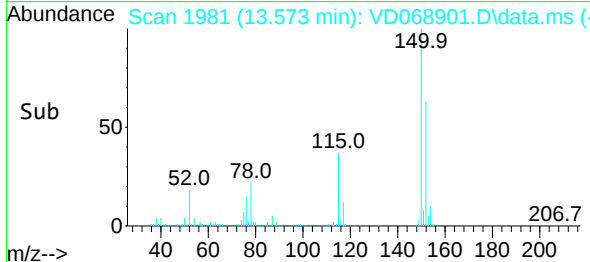
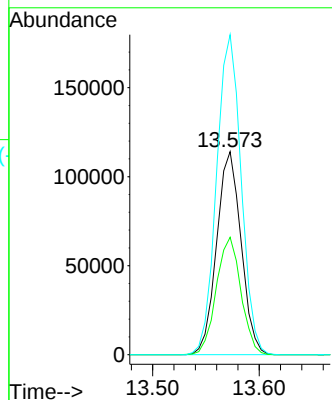
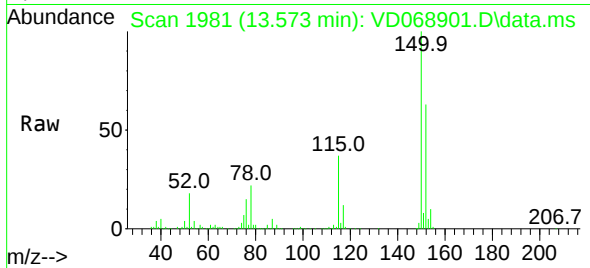




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

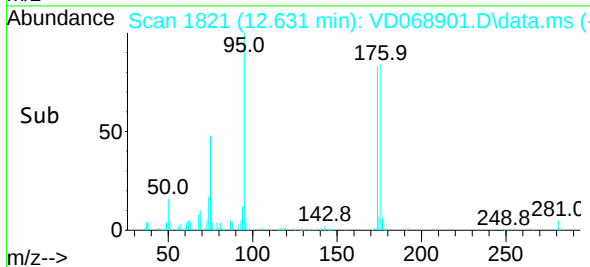
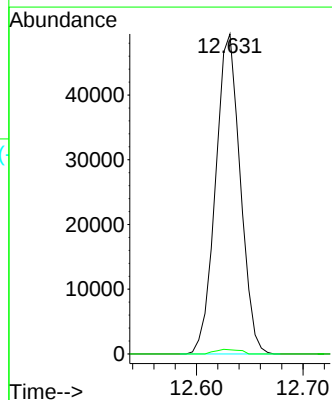
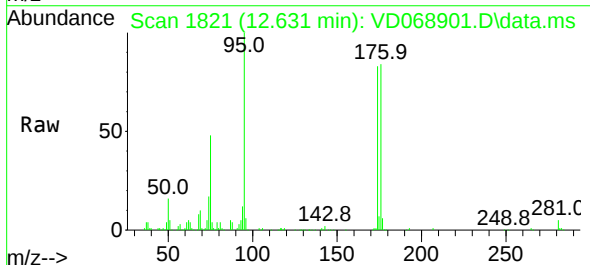
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

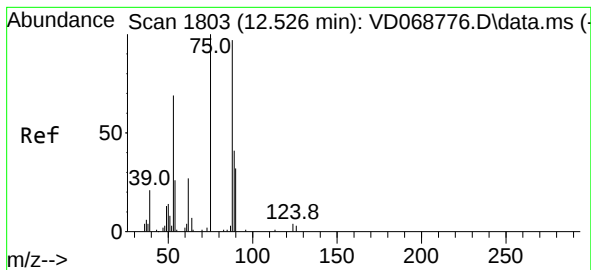
Tgt Ion:152 Resp: 181434
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.93 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

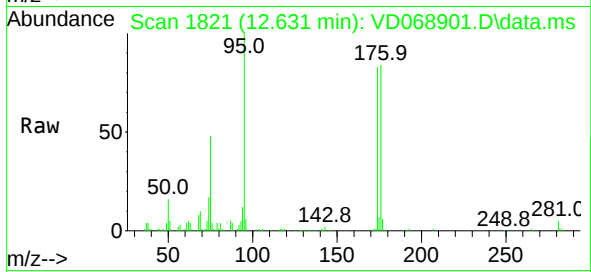
Tgt Ion: 75 Resp: 79444
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.23 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.105 min
 Lab File: VD068901.D
 Acq: 19 Apr 2021 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-0-2.0



Tgt Ion: 75 Resp: 79444
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

