

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068876.D
 Acq On : 16 Apr 2021 15:25
 Operator : VA/SY
 Sample : M2049-06
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Apr 16 23:50:20 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)

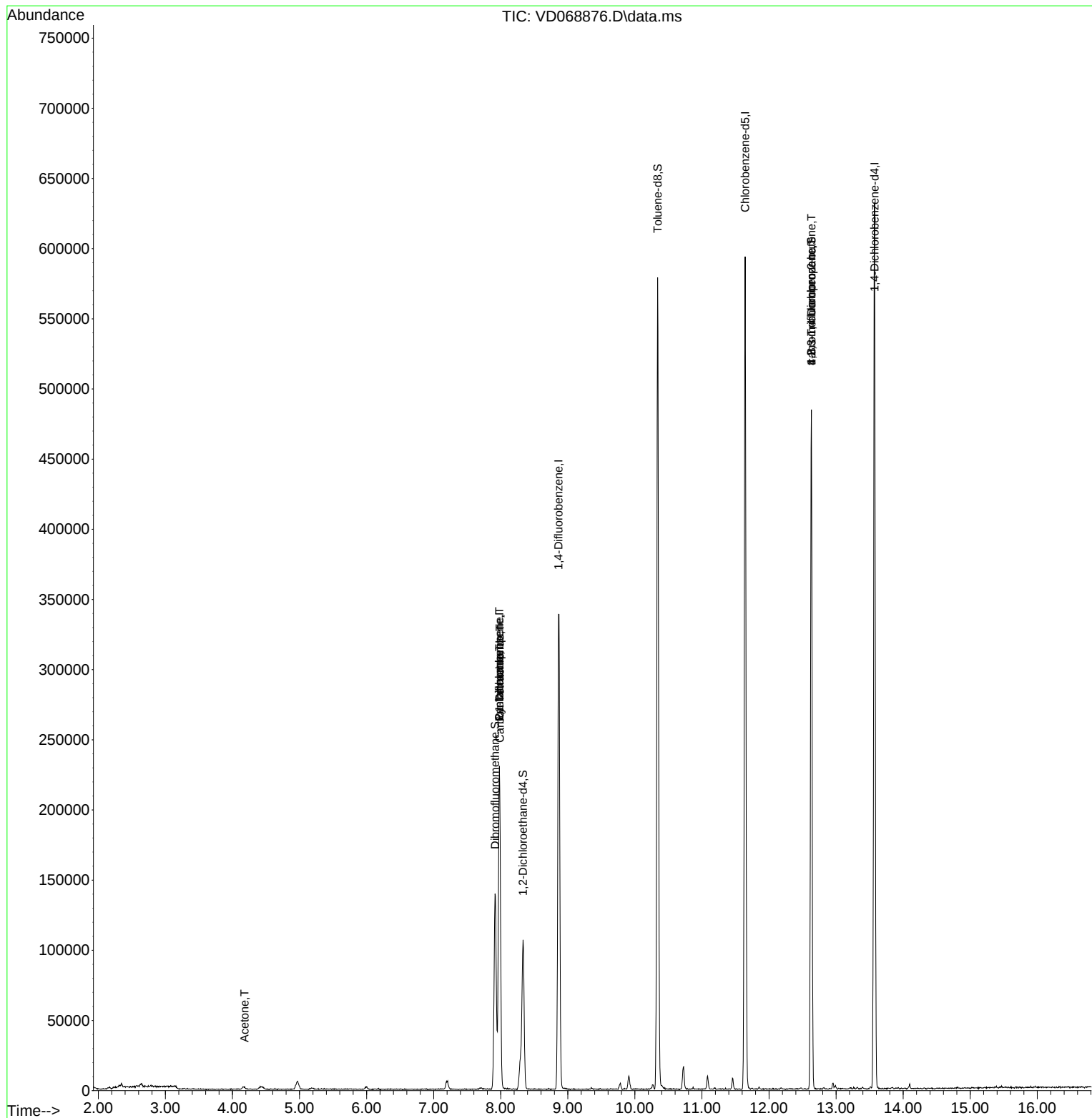
Internal Standards						
1) Pentafluorobenzene	7.979	168	176111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	316501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	350027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	170520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	83231	44.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.44%		
35) Dibromofluoromethane	7.914	113	99265	48.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.44%		
50) Toluene-d8	10.338	98	403644	51.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.96%		
62) 4-Bromofluorobenzene	12.632	95	150174	58.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.44%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	358	Below Cal	#	73
16) Acetone	4.179	43	3176	12.32	ug/l #	82
20) Methylene Chloride	4.979	84	5112	Below Cal	#	69
31) Cyclohexane	7.979	56	4157	1.34	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	13483	4.21	ug/l #	47
38) Carbon Tetrachloride	7.985	117	17842	5.63	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	76882	49.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	76882	114.53	ug/l #	16

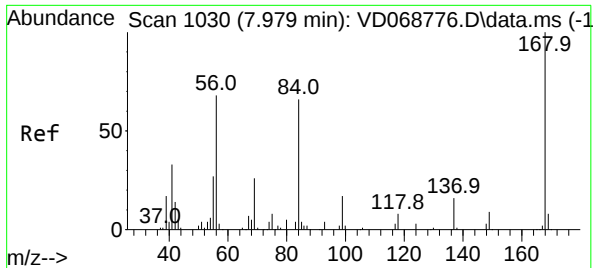
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

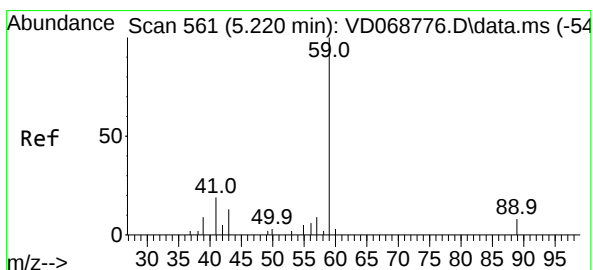
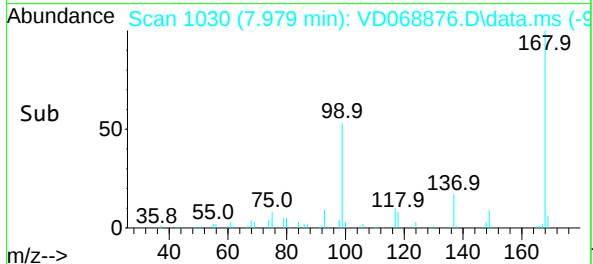
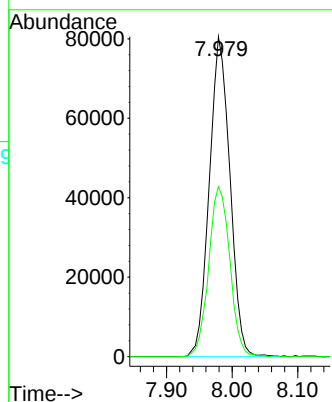
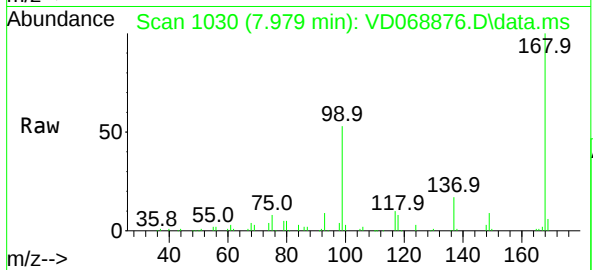




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

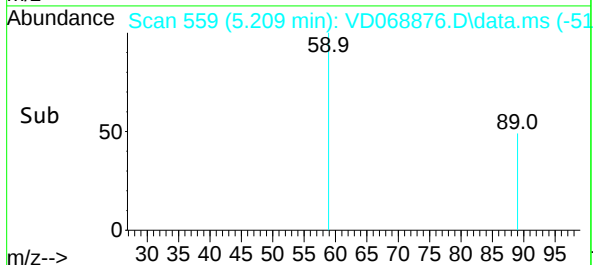
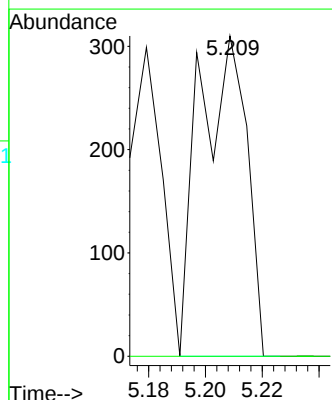
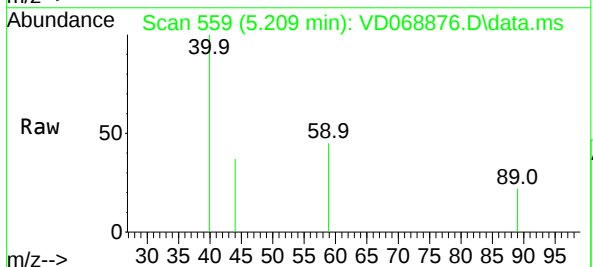
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

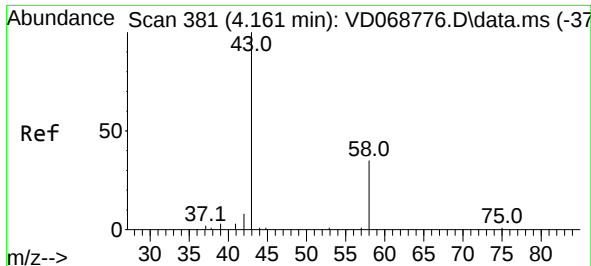
Tgt Ion:168 Resp: 176111
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

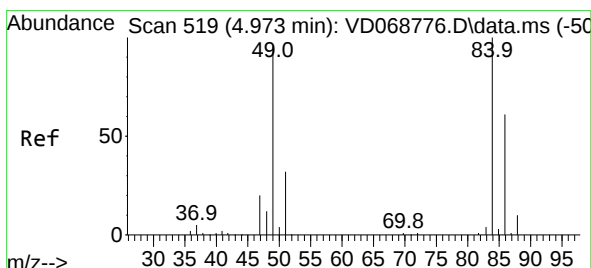
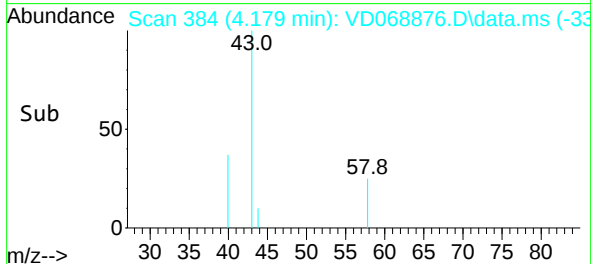
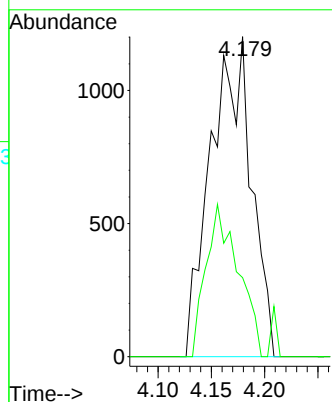
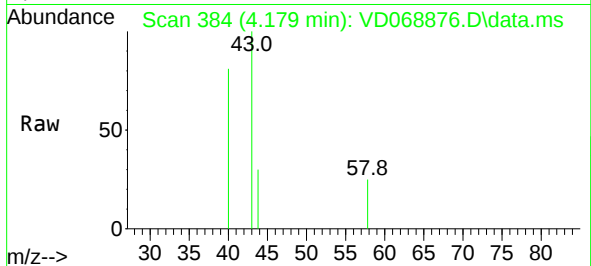




#16
Acetone
Concen: 12.32 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

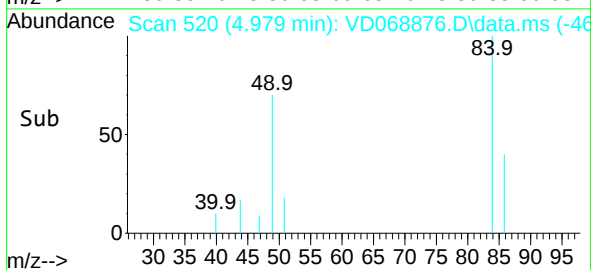
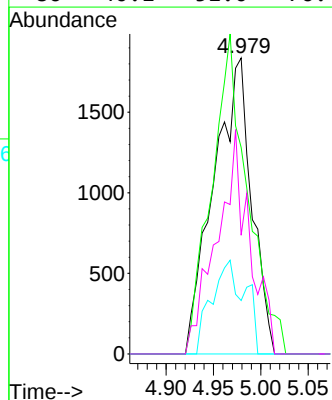
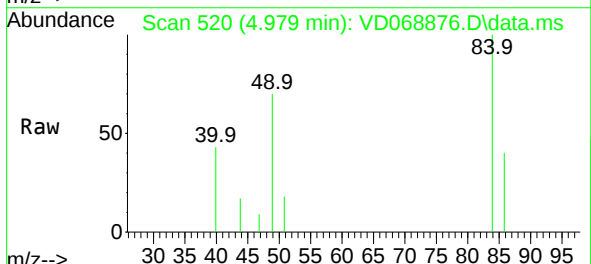
Instrument :
MSVOA_D
ClientSampleID :
SB-09-0-2.0

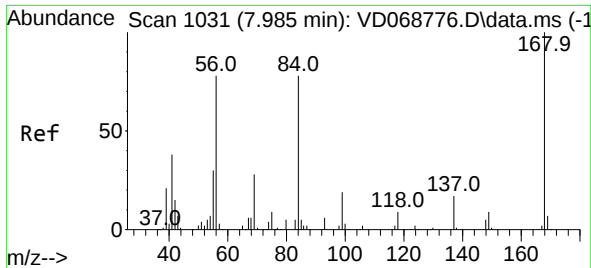
Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
58 24.7 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 84 Resp: 5112
Ion Ratio Lower Upper
84 100
49 69.8 83.4 125.0#
51 18.0 23.4 35.2#
86 40.1 51.0 76.4#

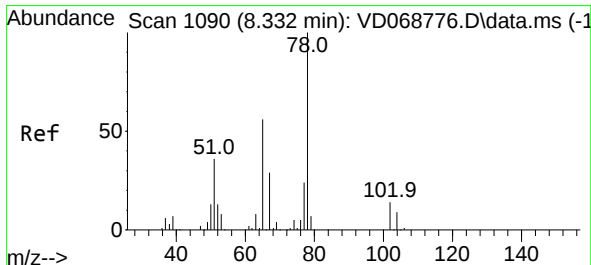
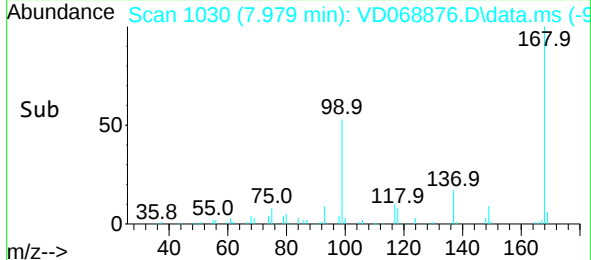
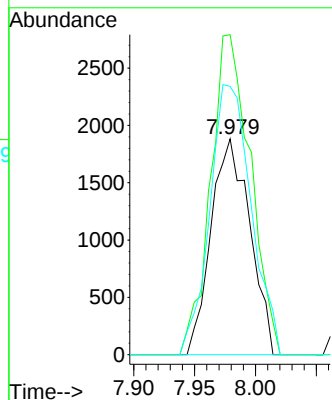
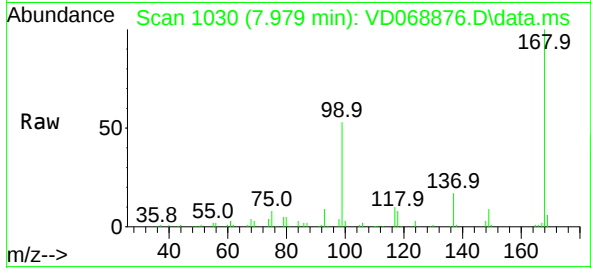




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

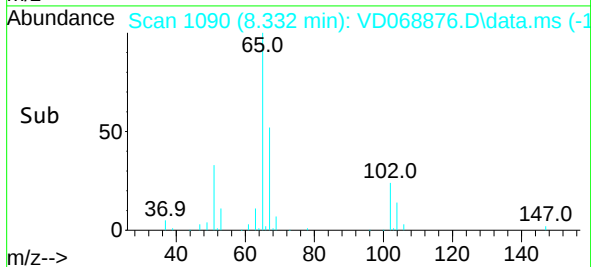
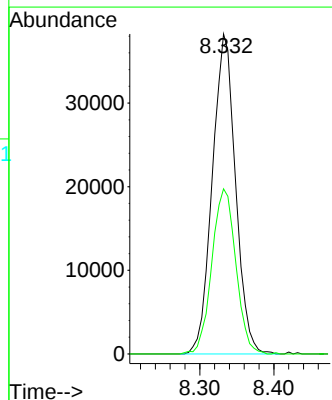
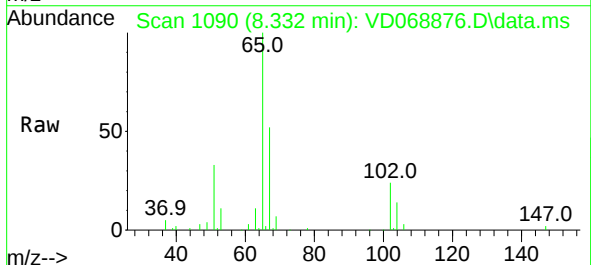
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

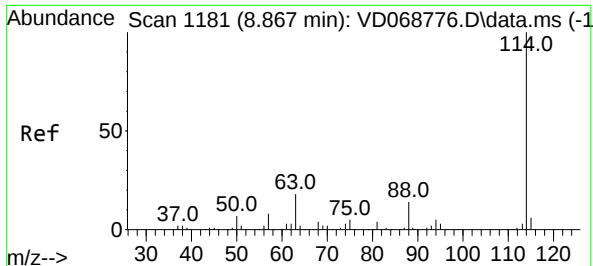
Tgt Ion: 56 Resp: 4157
Ion Ratio Lower Upper
56 100
69 148.3 30.0 45.0#
84 124.3 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 44.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 65 Resp: 83231
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.0

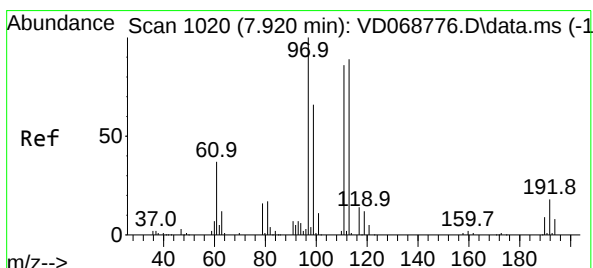
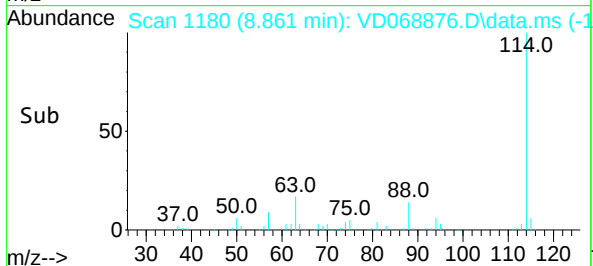
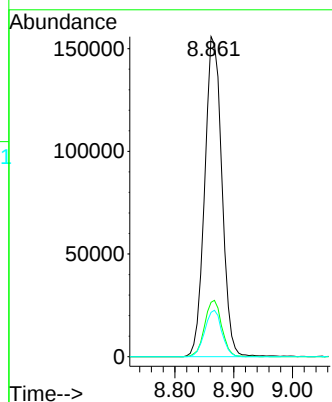
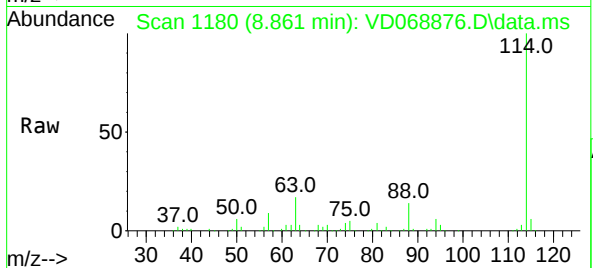




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

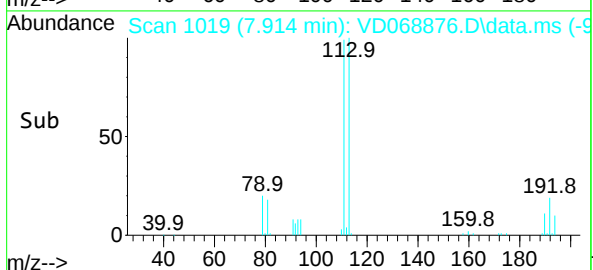
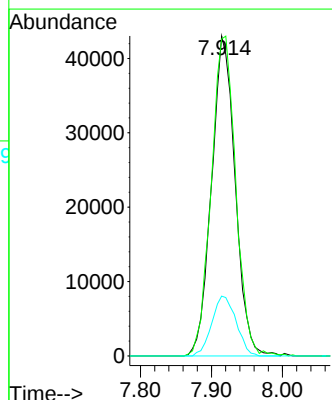
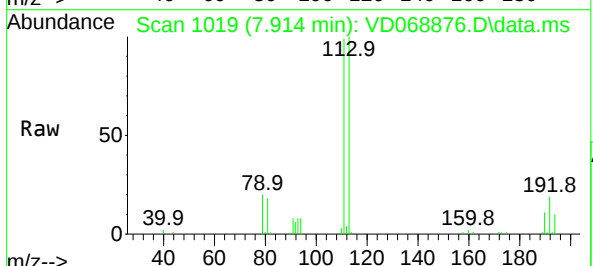
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

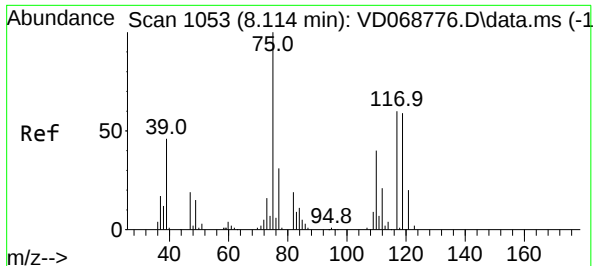
Tgt Ion:114 Resp: 316501
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 13.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion:113 Resp: 99265
Ion Ratio Lower Upper
113 100
111 103.8 82.5 123.7
192 19.2 15.1 22.7

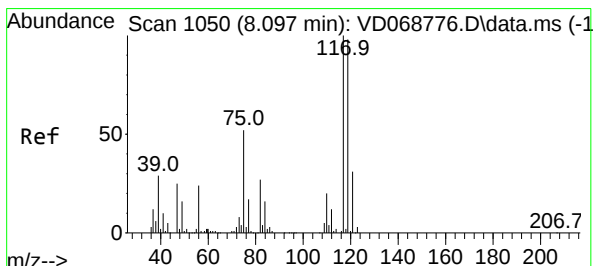
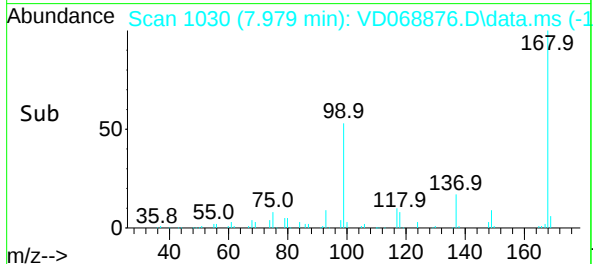
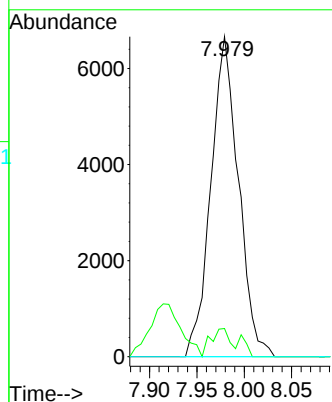
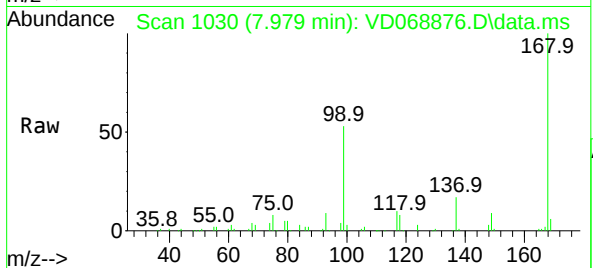




#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

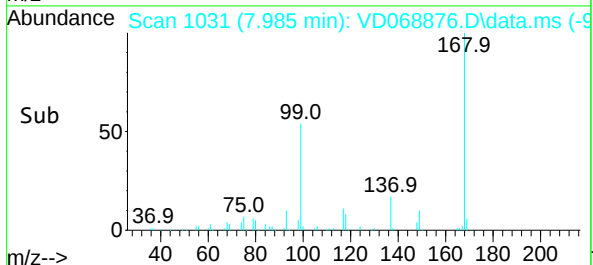
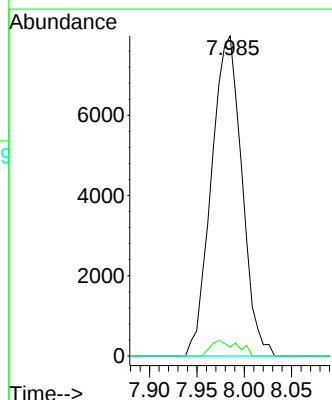
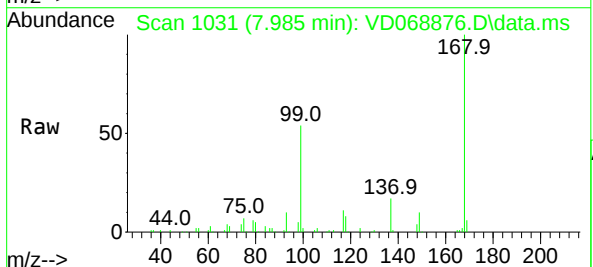
Instrument :
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ClientSampleId :
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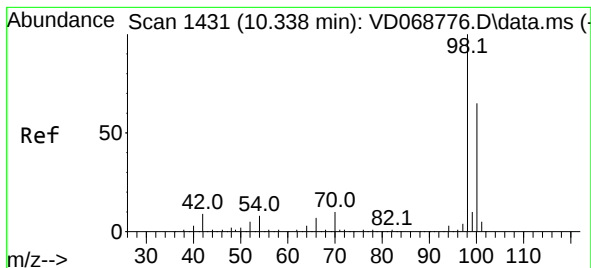
Tgt Ion: 75 Resp: 13483
Ion Ratio Lower Upper
75 100
110 6.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 117 Resp: 17842
Ion Ratio Lower Upper
117 100
119 2.8 76.6 115.0#
121 0.0 26.1 39.1#

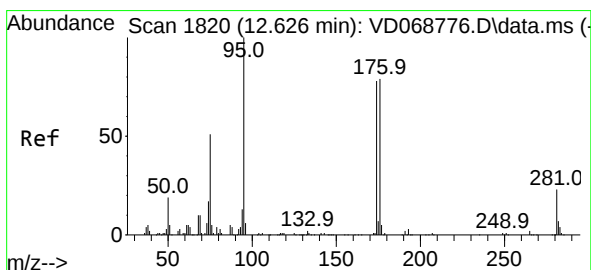
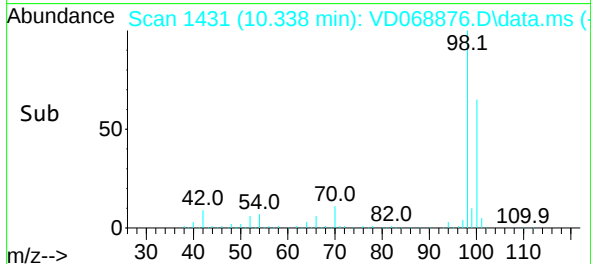
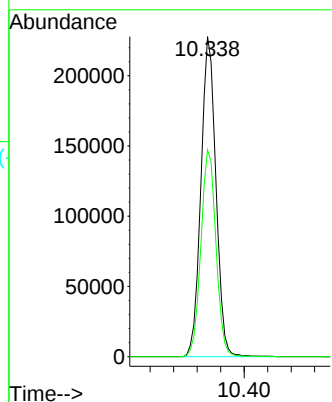
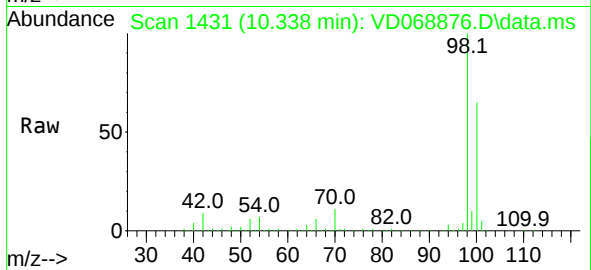




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

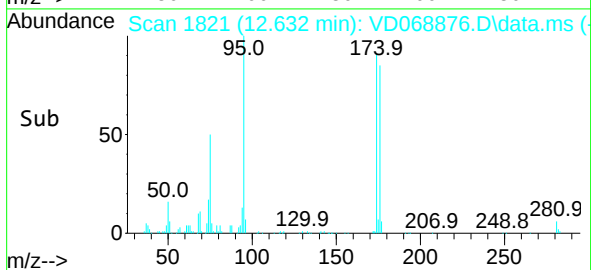
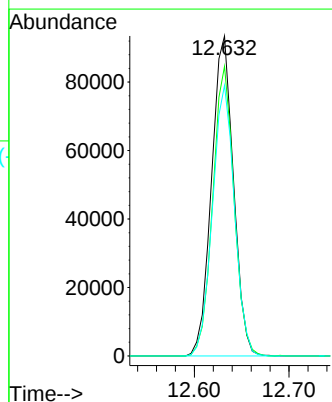
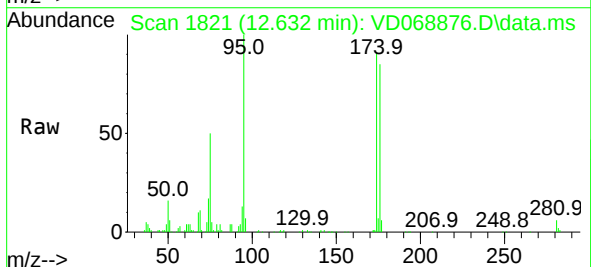
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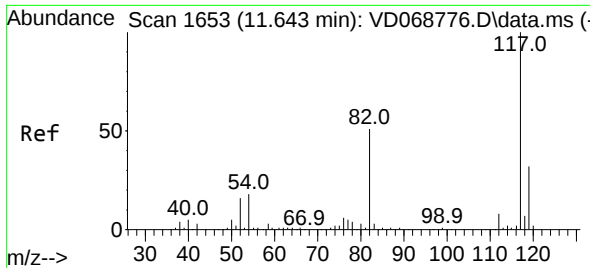
Tgt Ion: 98 Resp: 403644
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 95 Resp: 150174
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.0
176 84.6 0.0 160.2

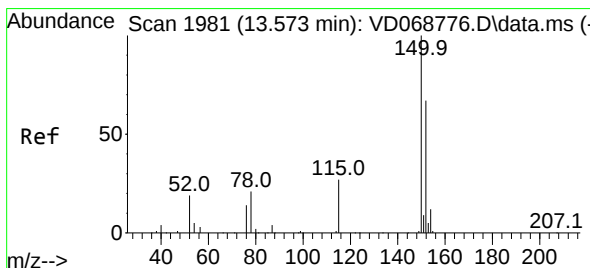
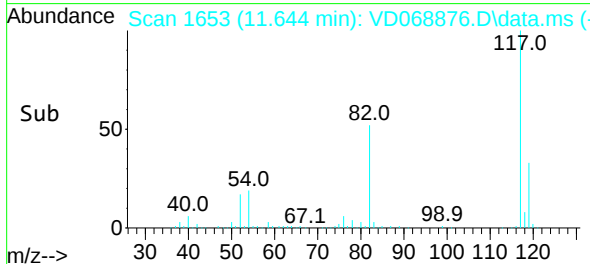
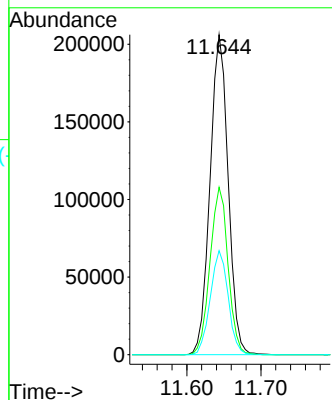
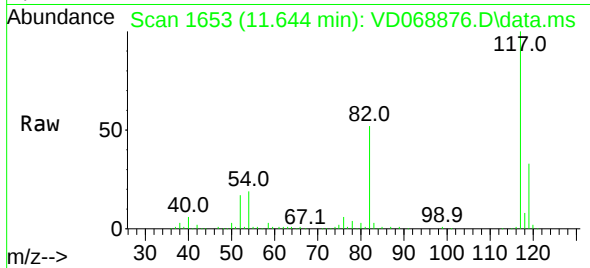




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

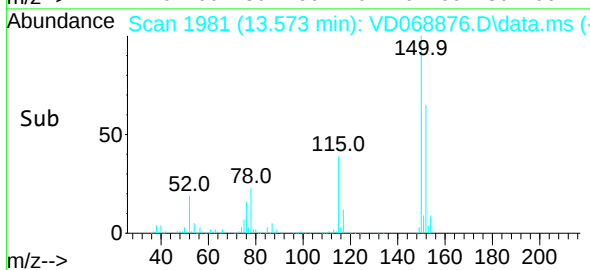
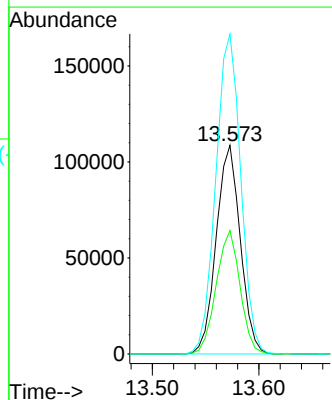
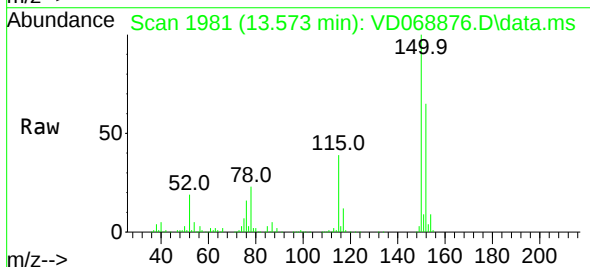
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

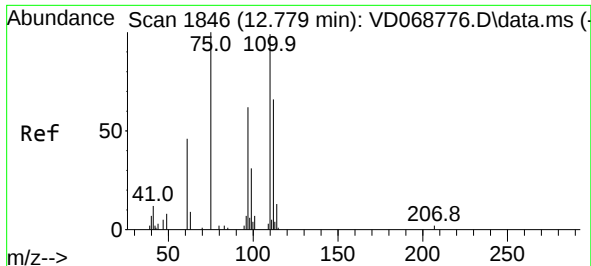
Tgt Ion:117 Resp: 350027
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion:152 Resp: 170520
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 158.9 0.0 347.6

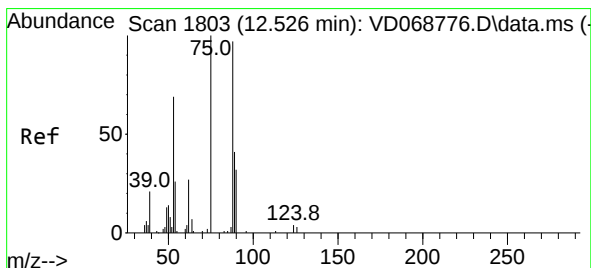
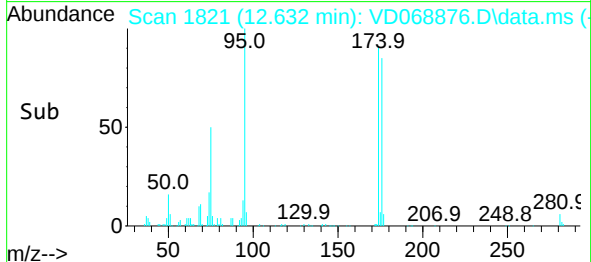
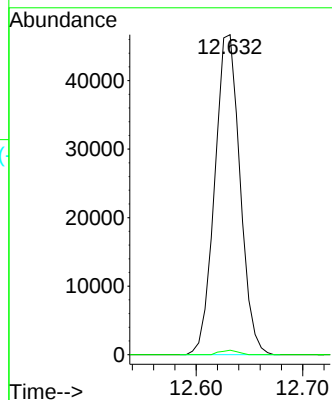
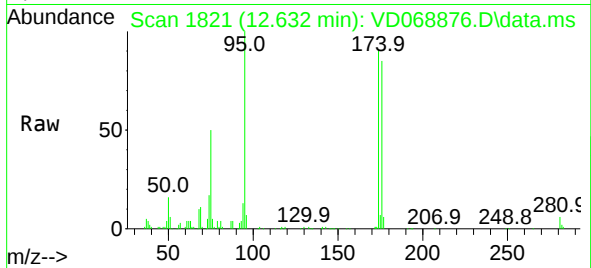




#76
1,2,3-Trichloropropane
Concen: 49.35 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Instrument :
MSVOA_D
ClientSampleID :
SB-09-0-2.0

Tgt Ion: 75 Resp: 76882
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 75 Resp: 76882
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

