

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068877.D
 Acq On : 16 Apr 2021 15:53
 Operator : VA/SY
 Sample : M2049-10RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0

Quant Time: Apr 16 23:50:33 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)

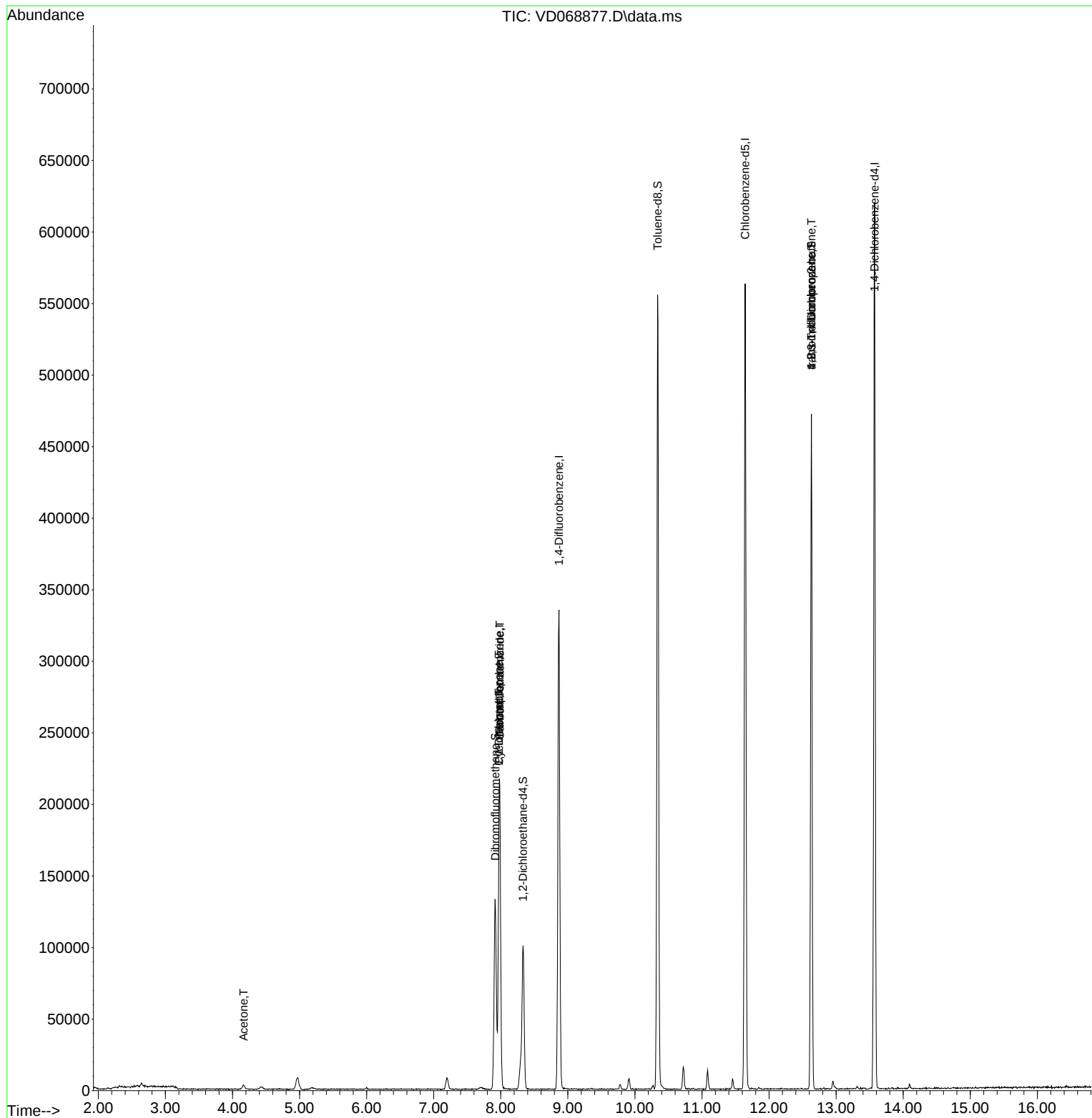
Internal Standards						
1) Pentafluorobenzene	7.979	168	169268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	304209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	341218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	167363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	78557	43.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.82%		
35) Dibromofluoromethane	7.920	113	96189	48.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.22%		
50) Toluene-d8	10.338	98	387965	51.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.96%		
62) 4-Bromofluorobenzene	12.632	95	146484	59.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.18%		
Target Compounds						
11) Tert butyl alcohol	5.238	59	395	Below Cal	#	73
16) Acetone	4.167	43	5380	21.72	ug/l	92
20) Methylene Chloride	4.967	84	7917	Below Cal		92
31) Cyclohexane	7.973	56	3483	1.17	ug/l	# 24
36) 1,1-Dichloropropene	7.973	75	12181	3.96	ug/l	# 49
38) Carbon Tetrachloride	7.985	117	17284	5.67	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	74471	48.71	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	74471	113.03	ug/l	# 16

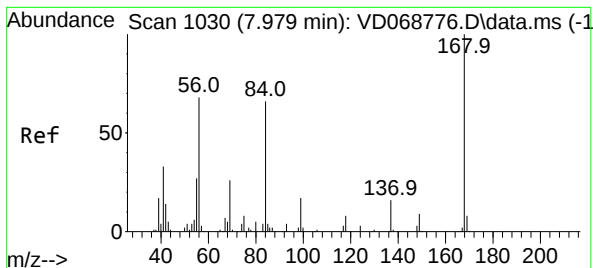
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
Data File : VD068877.D
Acq On : 16 Apr 2021 15:53
Operator : VA/SY
Sample : M2049-10RE
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

Quant Time: Apr 16 23:50:33 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

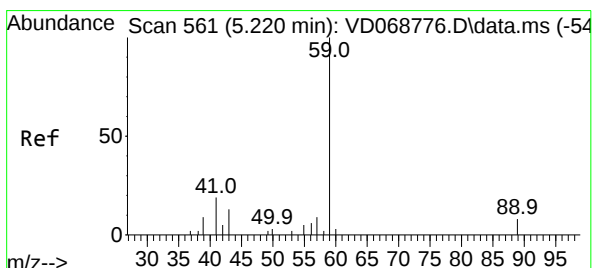
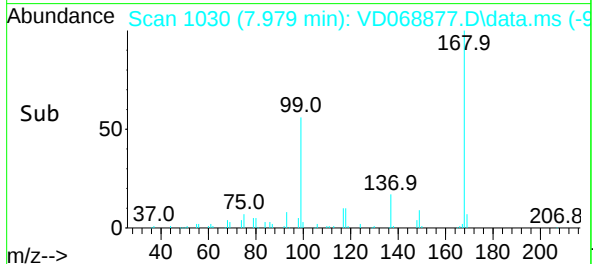
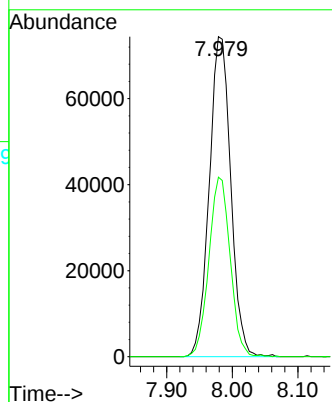
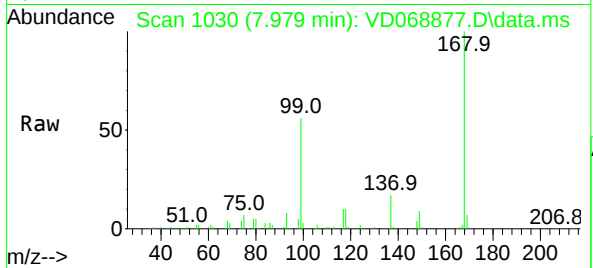




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

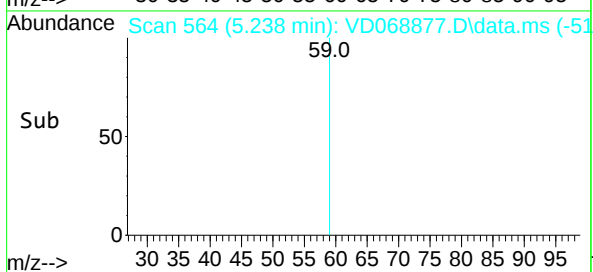
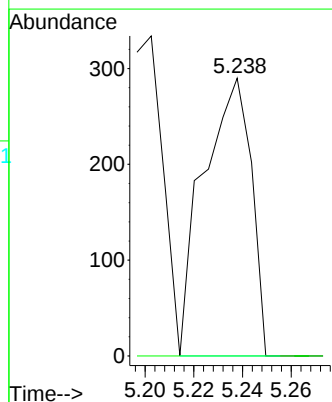
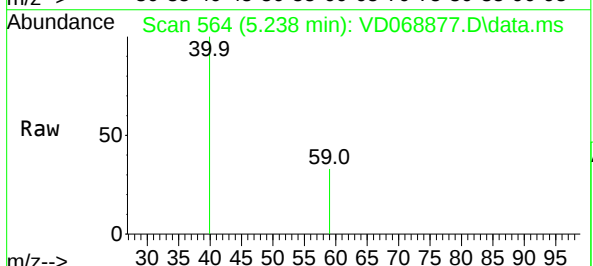
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

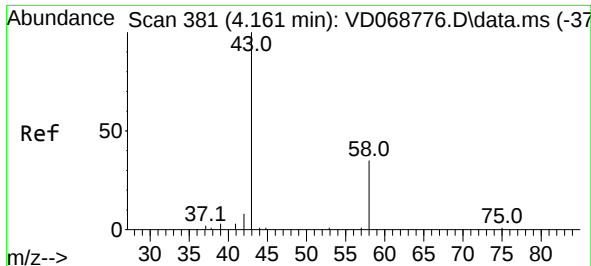
Tgt Ion:168 Resp: 169268
Ion Ratio Lower Upper
168 100
99 56.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

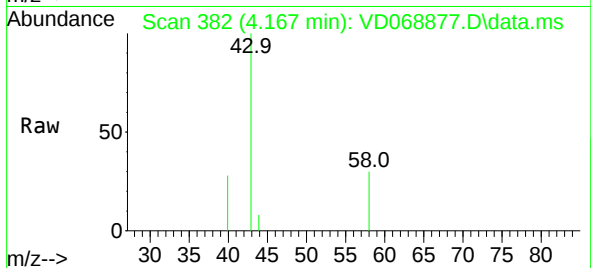
Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



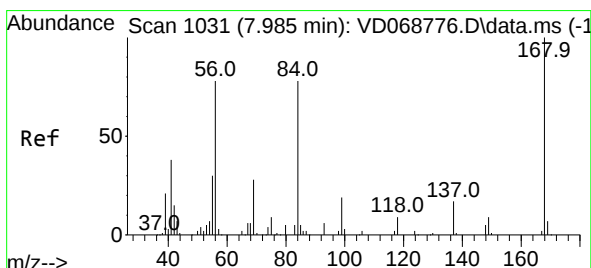
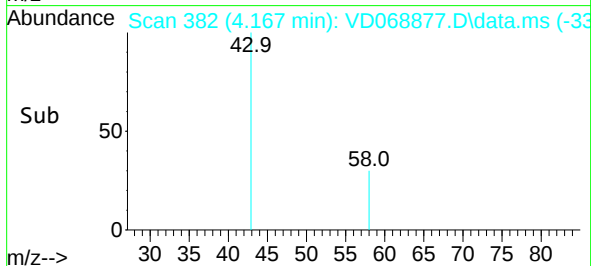
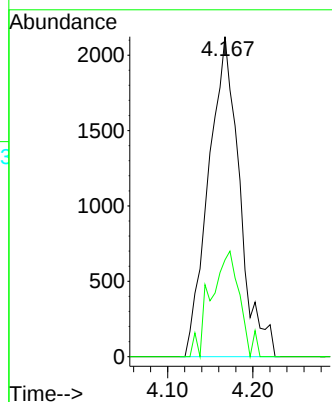


#16
Acetone
Concen: 21.72 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

Instrument :
MSVOA_D
ClientSampled :
SB-10-0-2.0

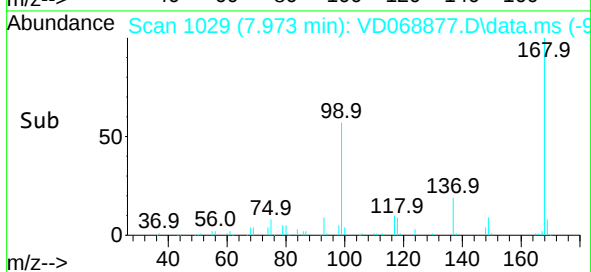
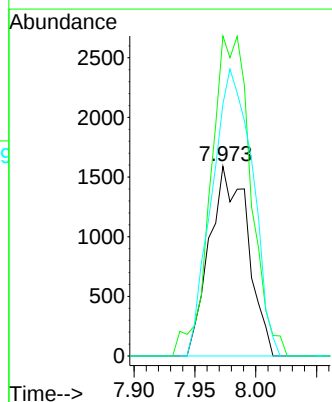
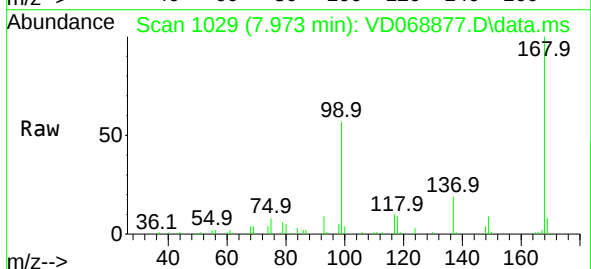


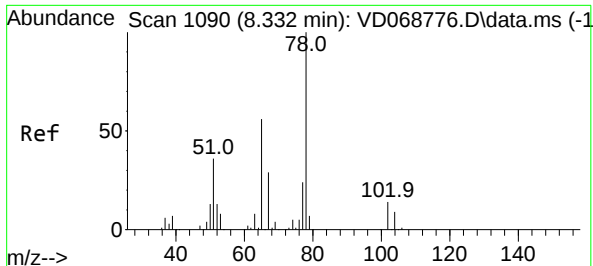
Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

Tgt Ion: 56 Resp: 3483
Ion Ratio Lower Upper
56 100
69 158.2 30.0 45.0#
84 132.9 82.0 123.0#

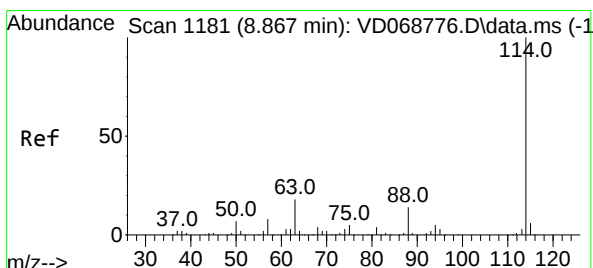
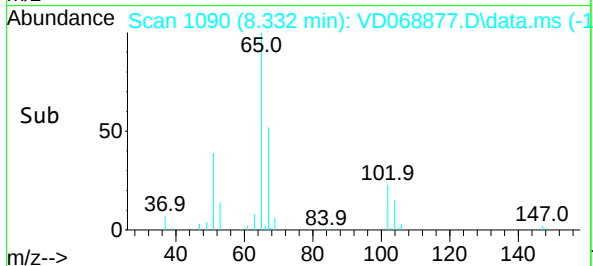
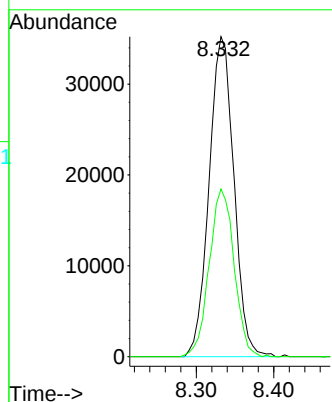
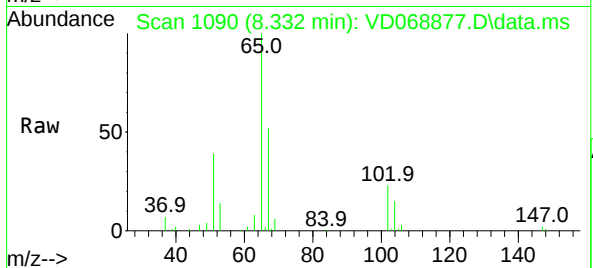




#33
 1,2-Dichloroethane-d4
 Concen: 43.91 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068877.D
 Acq: 16 Apr 2021 15:53

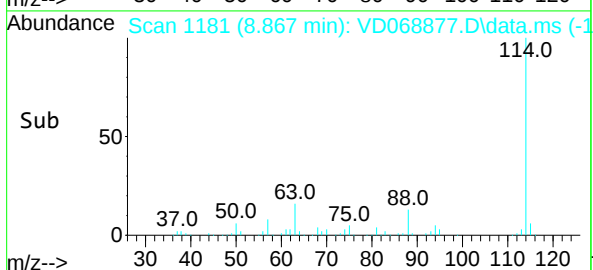
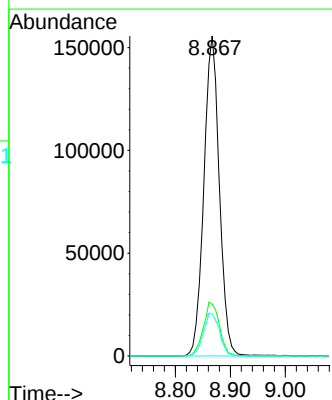
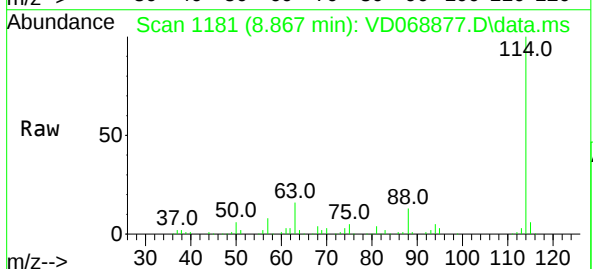
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0

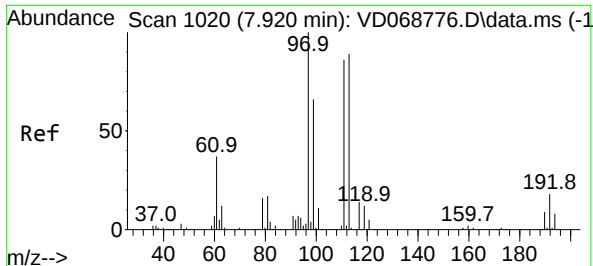
Tgt Ion: 65 Resp: 78557
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068877.D
 Acq: 16 Apr 2021 15:53

Tgt Ion: 114 Resp: 304209
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 38.2
 88 13.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 7.920 min Scan# 1020

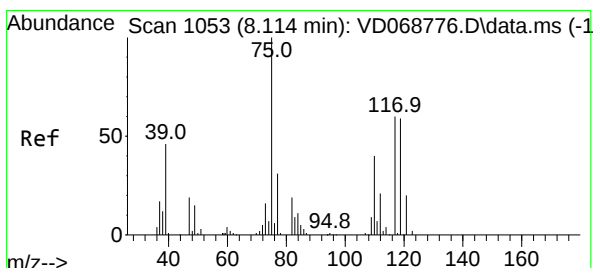
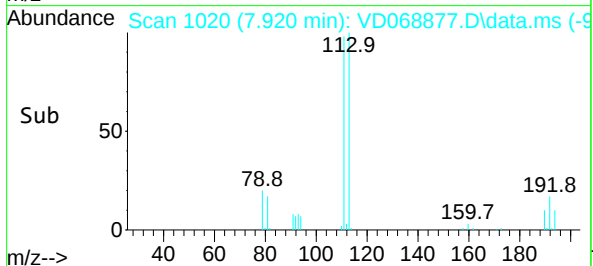
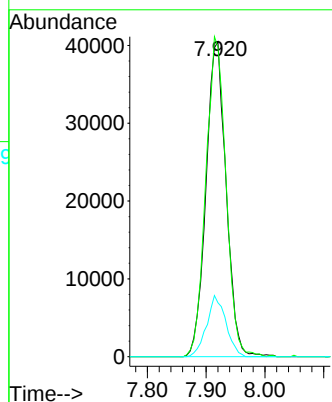
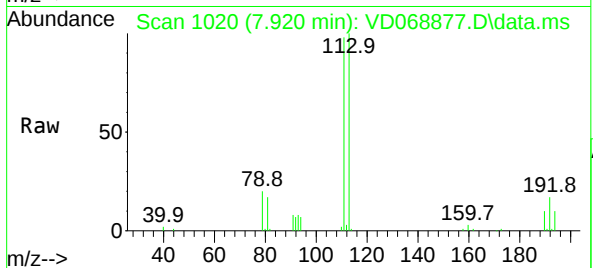
Delta R.T. 0.000 min

Lab File: VD068877.D

Acq: 16 Apr 2021 15:53

Tgt Ion:	113	Resp:	96189
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	18.6	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0



#36

1,1-Dichloropropene

Concen: 3.96 ug/l

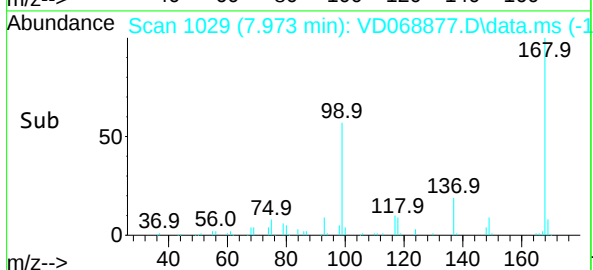
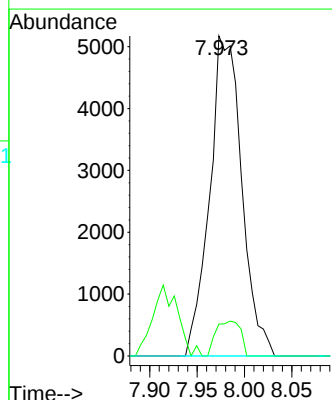
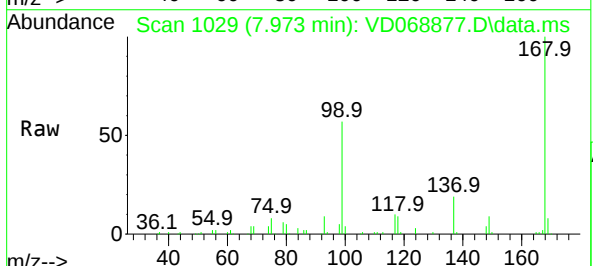
RT: 7.973 min Scan# 1029

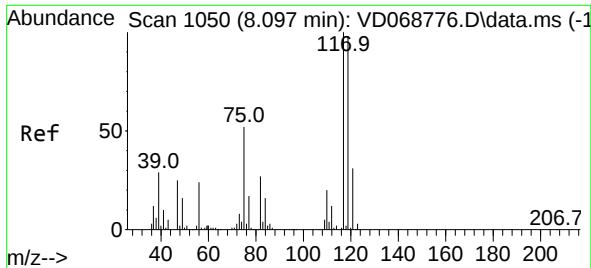
Delta R.T. -0.141 min

Lab File: VD068877.D

Acq: 16 Apr 2021 15:53

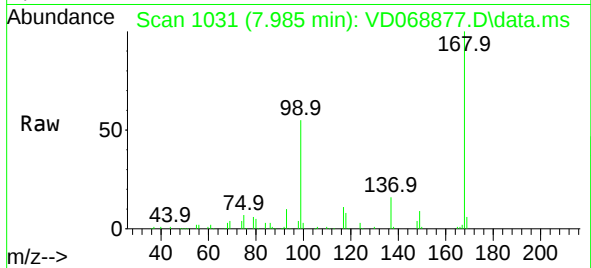
Tgt Ion:	75	Resp:	12181
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	24.7	37.1#



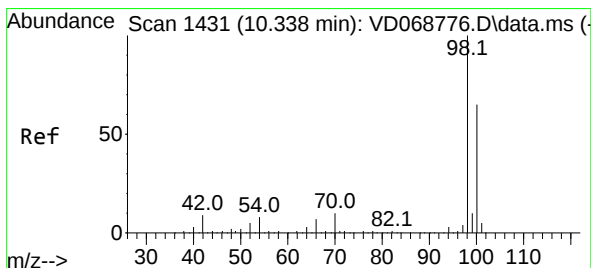
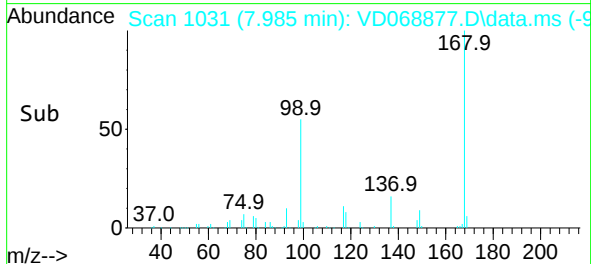
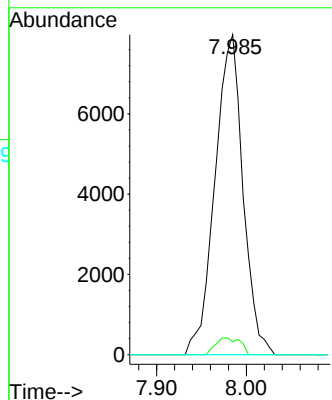


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

Instrument :
MSVOA_D
ClientSampled :
SB-10-0-2.0

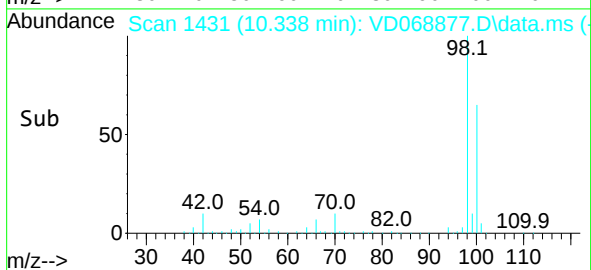
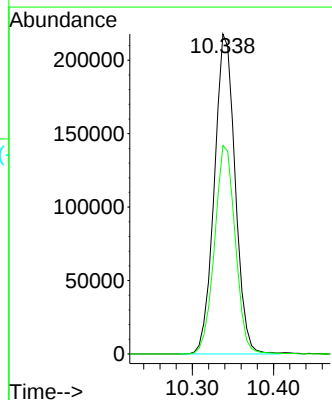
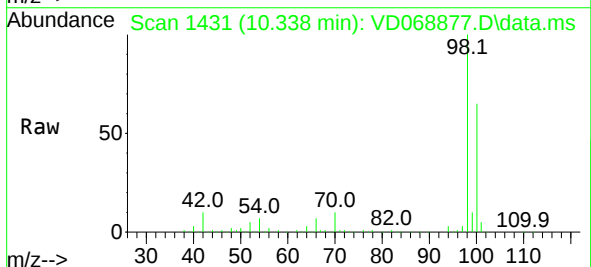


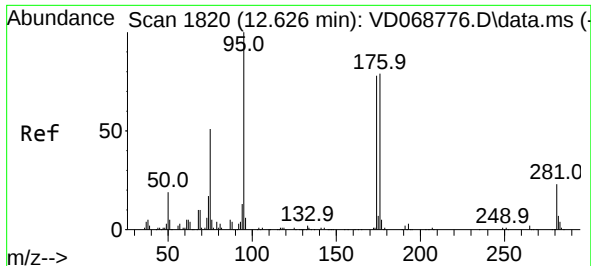
Tgt Ion:117 Resp: 17284
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

Tgt Ion: 98 Resp: 387965
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

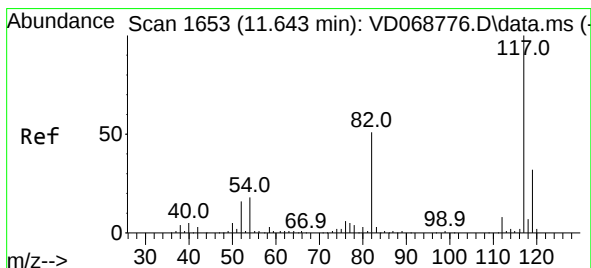
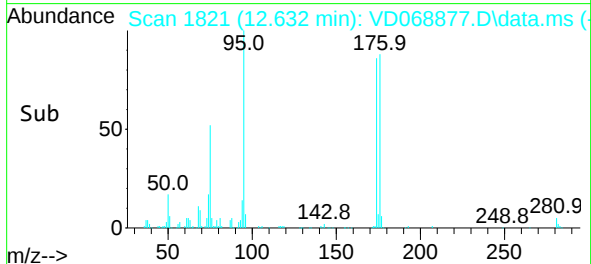
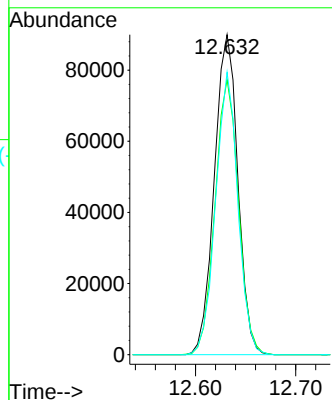
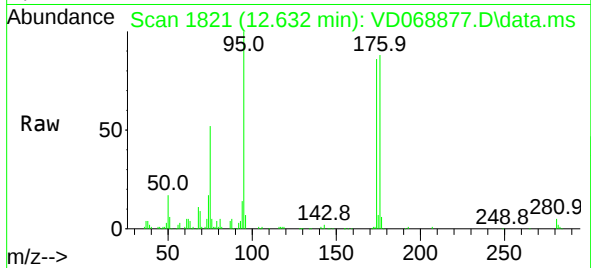




#62
4-Bromofluorobenzene
Concen: 59.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

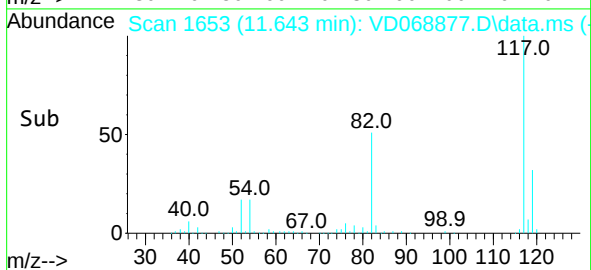
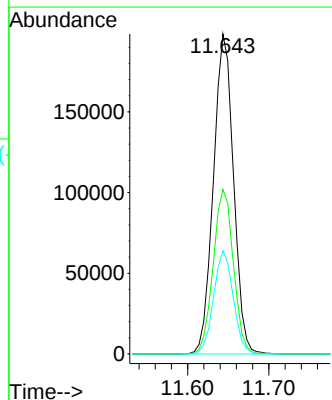
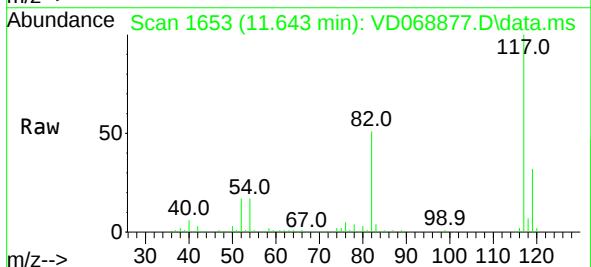
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MSVOA_D
ClientSampleId :
SB-10-0-2.0

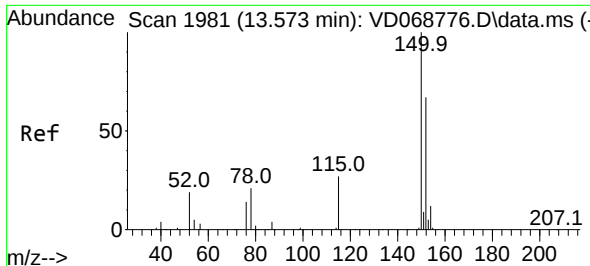
Tgt Ion: 95 Resp: 146484
Ion Ratio Lower Upper
95 100
174 85.7 0.0 168.0
176 83.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

Tgt Ion: 117 Resp: 341218
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 32.2 26.7 40.1

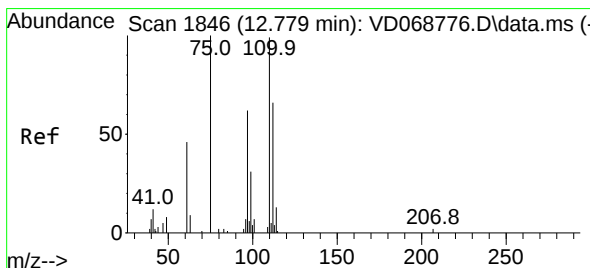
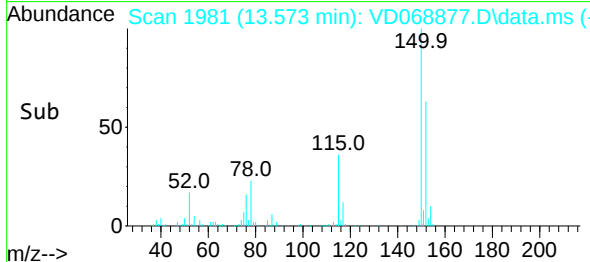
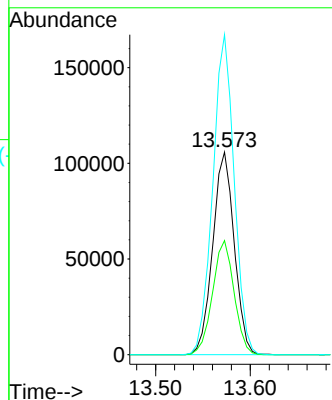
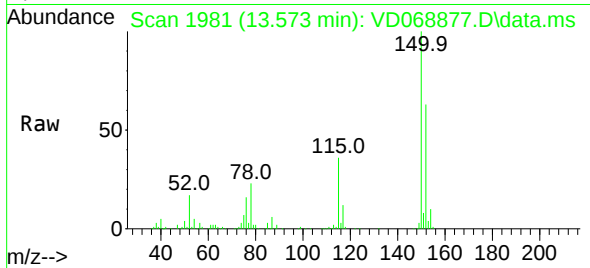




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

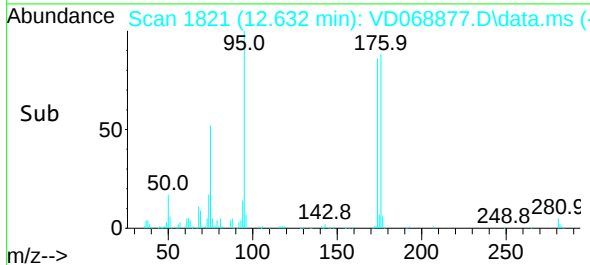
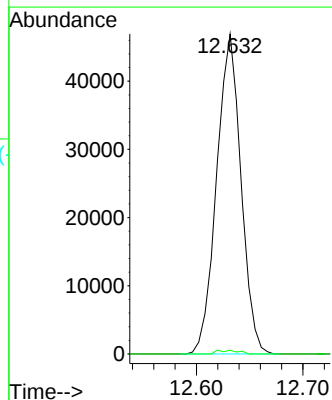
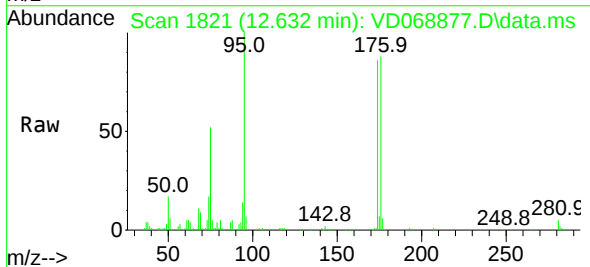
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0

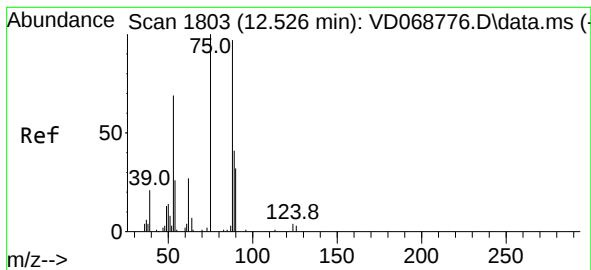
Tgt Ion:152 Resp: 167363
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068877.D
Acq: 16 Apr 2021 15:53

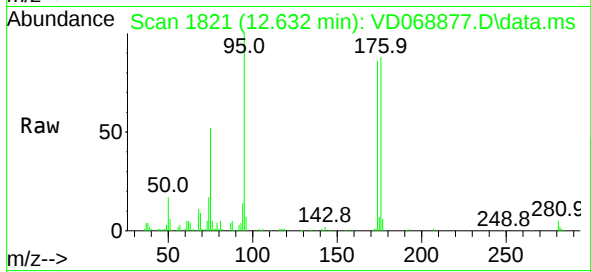
Tgt Ion: 75 Resp: 74471
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.03 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068877.D
 Acq: 16 Apr 2021 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	36.6	54.8#

