

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068932.D
 Acq On : 21 Apr 2021 17:42
 Operator : VA/SY
 Sample : M2106-12
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:22:53 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)

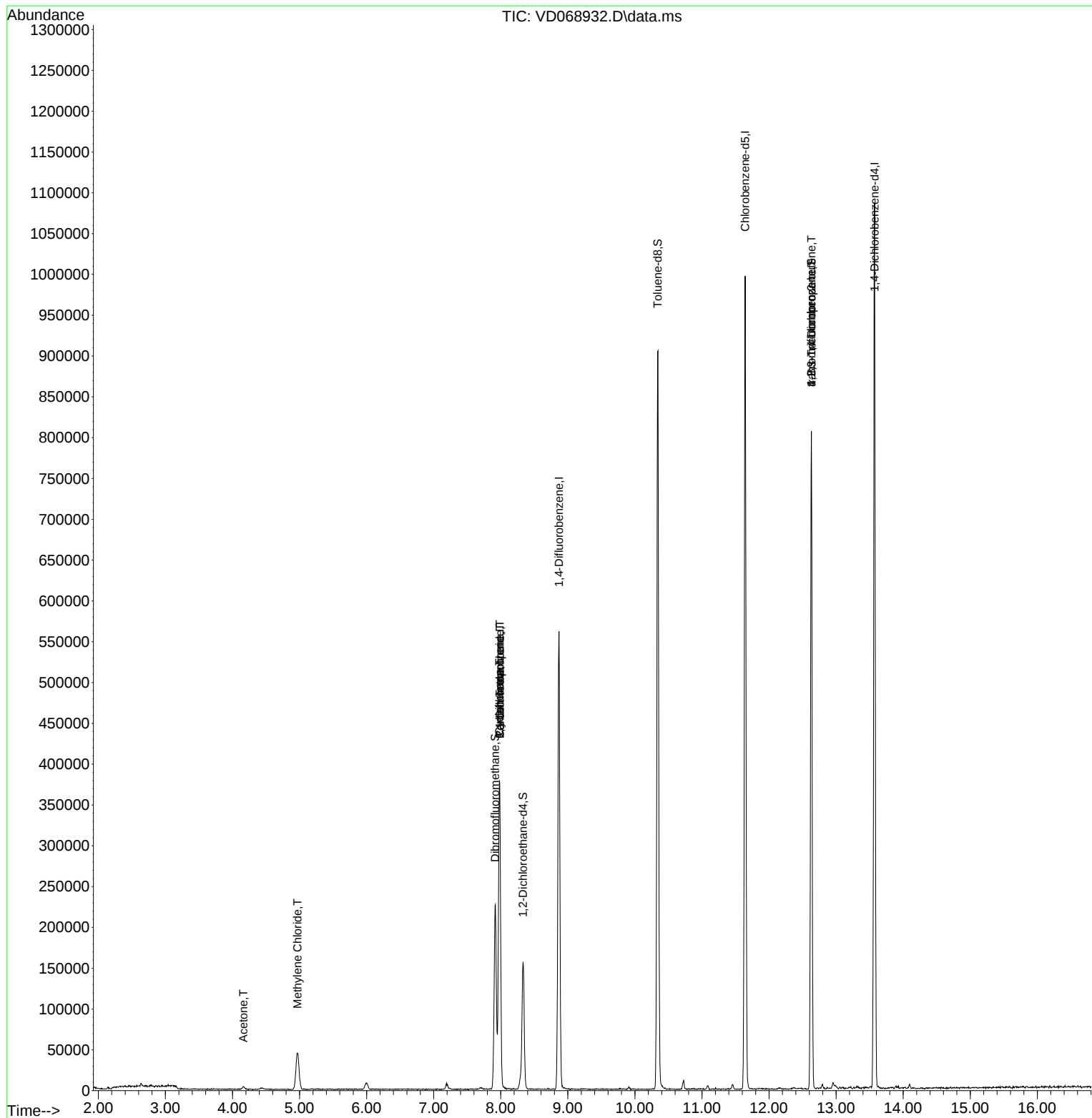
Internal Standards						
1) Pentafluorobenzene	7.985	168	296281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	516103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	590220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	297281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127116	40.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.20%
35) Dibromofluoromethane	7.914	113	161643	48.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.30%
50) Toluene-d8	10.338	98	656176	51.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.64%
62) 4-Bromofluorobenzene	12.632	95	254327	60.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.94%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	152	Below Cal	#	73
16) Acetone	4.162	43	5564	12.83	ug/l	97
20) Methylene Chloride	4.967	84	40345	7.39	ug/l	93
31) Cyclohexane	7.979	56	5914	1.14	ug/l #	20
36) 1,1-Dichloropropene	7.985	75	22150	4.24	ug/l #	51
38) Carbon Tetrachloride	7.985	117	28734	5.56	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	128838	47.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	128838	110.09	ug/l #	16

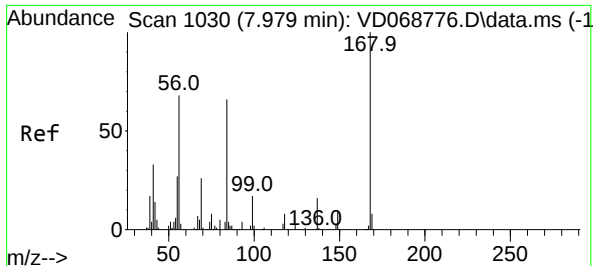
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068932.D
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Misc : 5.08G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
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Quant Time: Apr 22 10:22:53 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

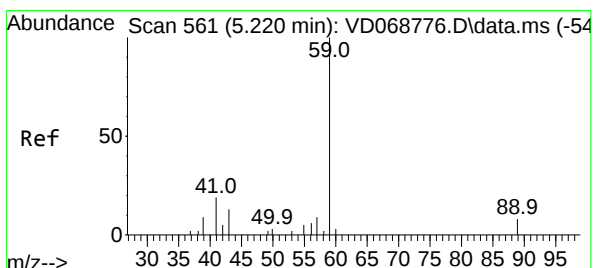
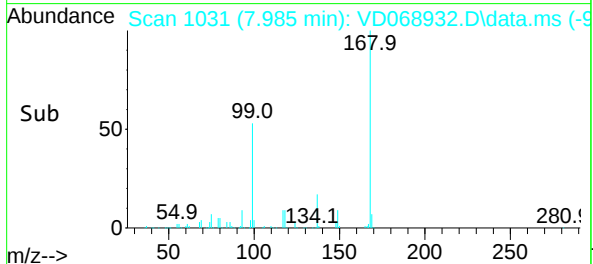
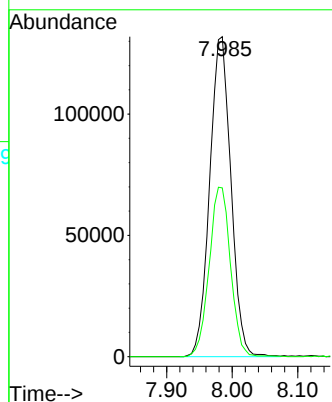
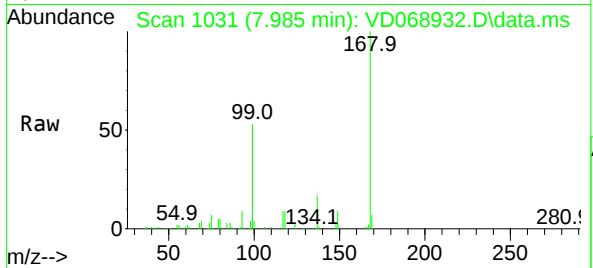




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

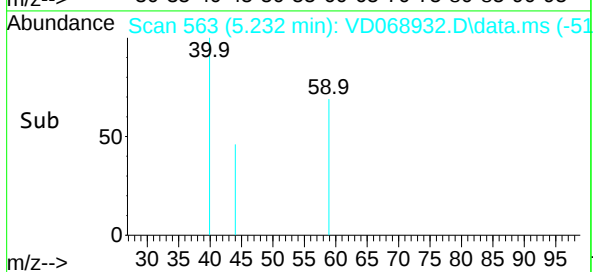
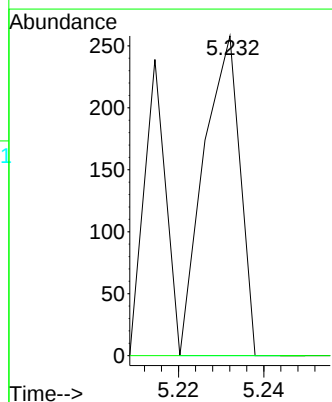
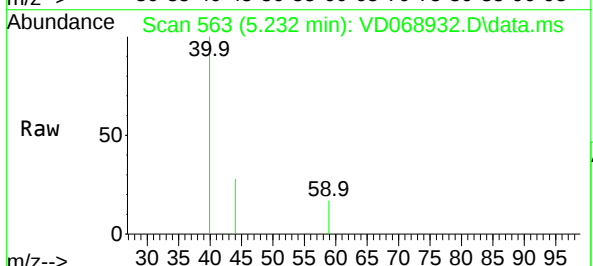
Instrument :
MSVOA_D
ClientSampleId :

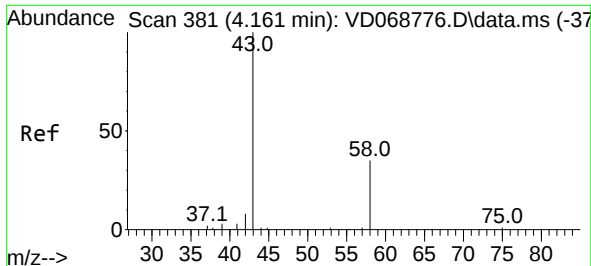
Tgt Ion:168 Resp: 296281
Ion Ratio Lower Upper
168 100
99 52.8 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

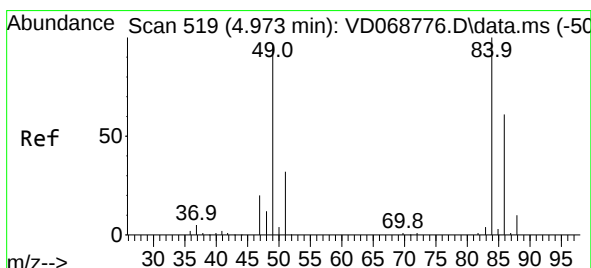
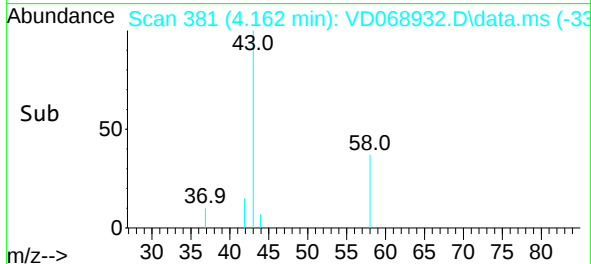
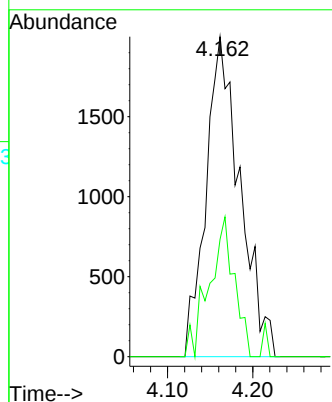
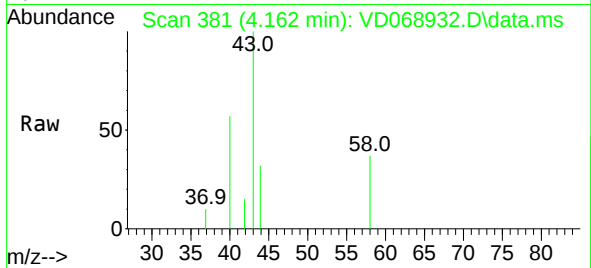




#16
Acetone
Concen: 12.83 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

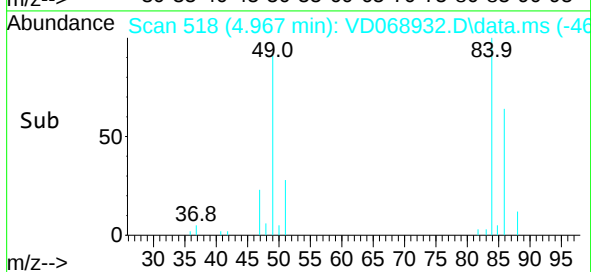
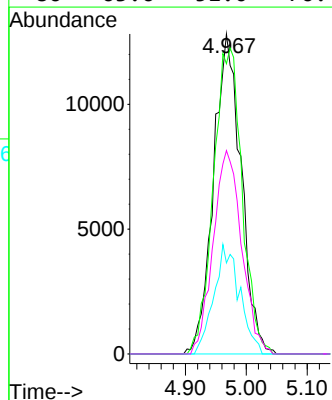
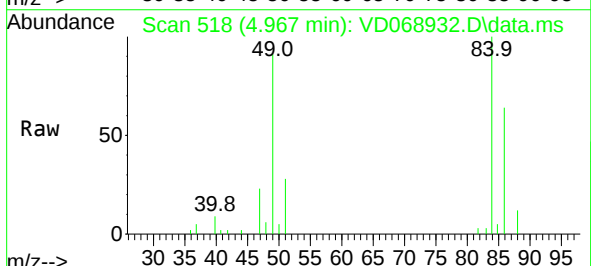
Instrument :
MSVOA_D
ClientSampled :

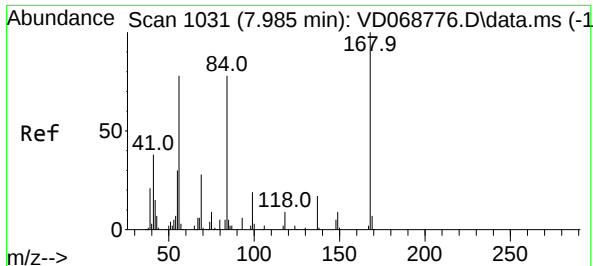
Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0



#20
Methylene Chloride
Concen: 7.39 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion: 84 Resp: 40345
Ion Ratio Lower Upper
84 100
49 90.7 83.4 125.0
51 28.4 23.4 35.2
86 63.6 51.0 76.4





#31

Cyclohexane

Concen: 1.14 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068932.D

Acq: 21 Apr 2021 17:42

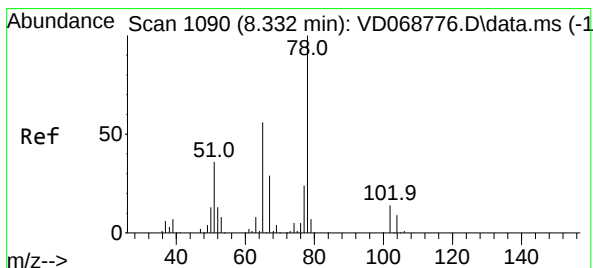
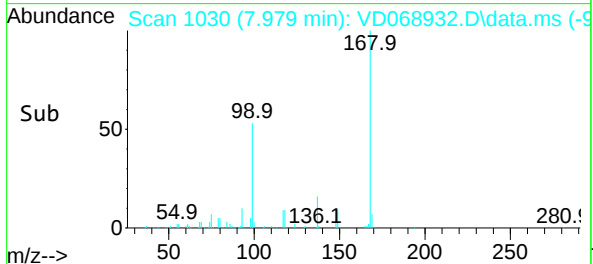
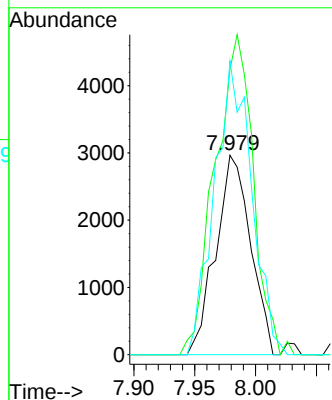
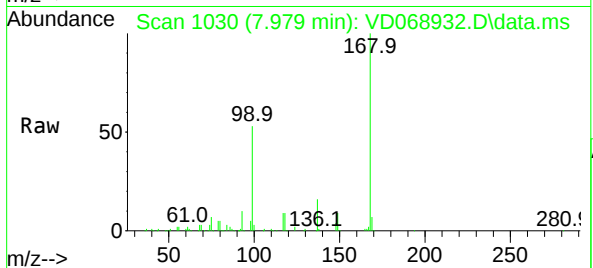
Tgt Ion: 56 Resp: 5914

Ion Ratio Lower Upper

56 100

69 143.0 30.0 45.0#

84 147.3 82.0 123.0#



#33

1,2-Dichloroethane-d4

Concen: 40.60 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD068932.D

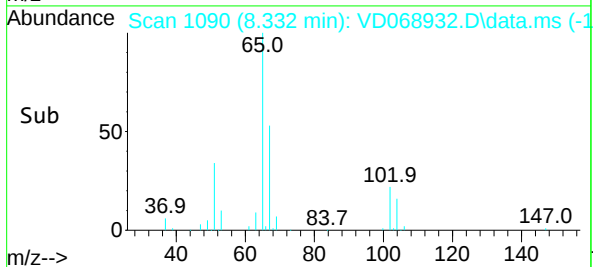
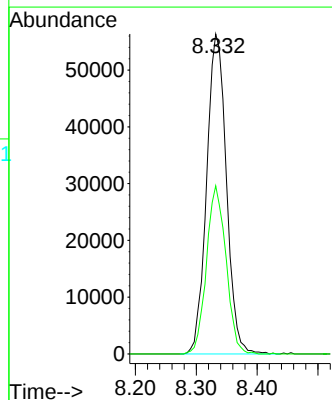
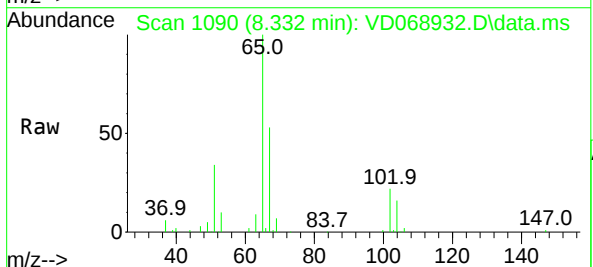
Acq: 21 Apr 2021 17:42

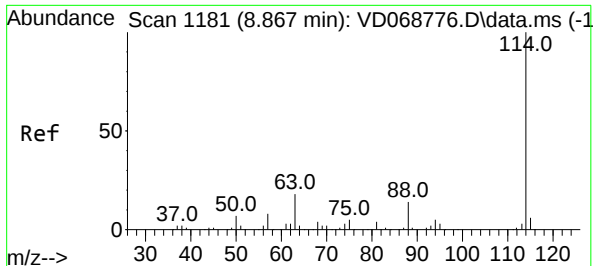
Tgt Ion: 65 Resp: 127116

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0

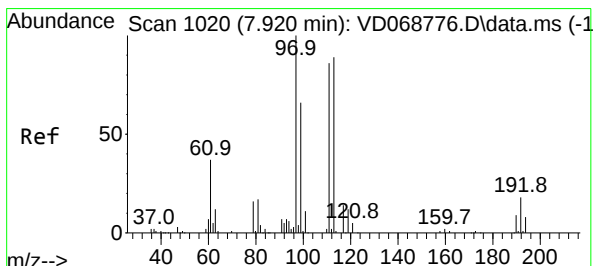
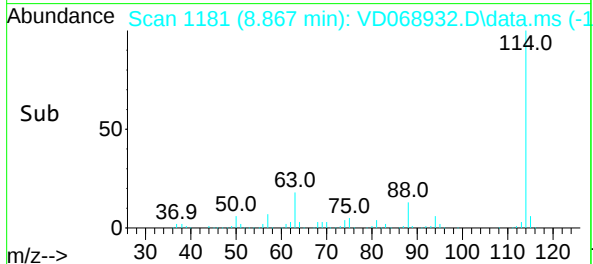
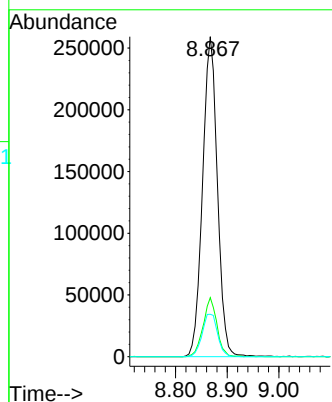
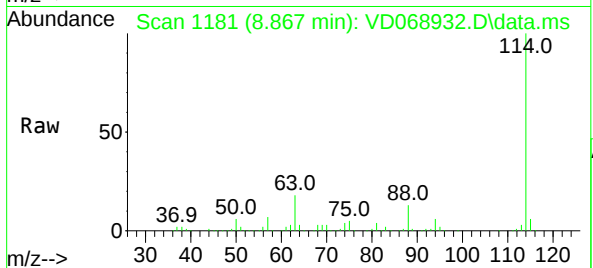




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

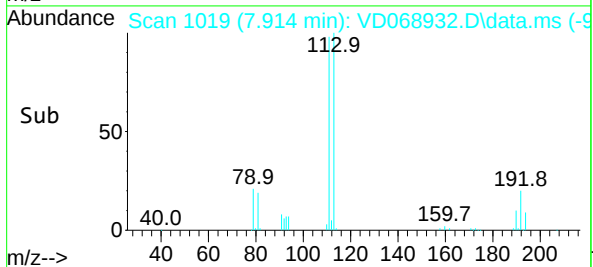
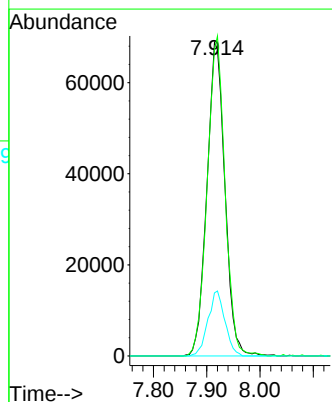
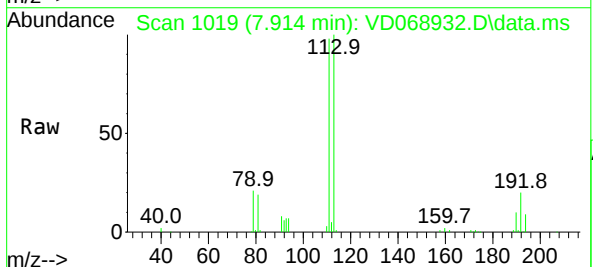
Instrument :
MSVOA_D
ClientSampleId :

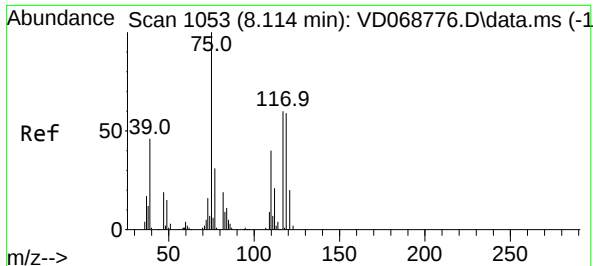
Tgt Ion:114 Resp: 516103
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 13.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion:113 Resp: 161643
Ion Ratio Lower Upper
113 100
111 100.7 82.5 123.7
192 19.5 15.1 22.7



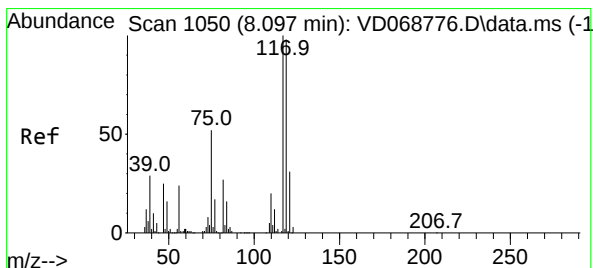
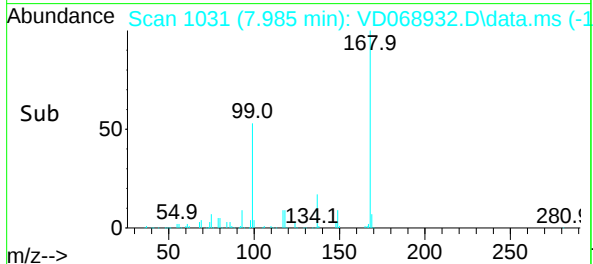
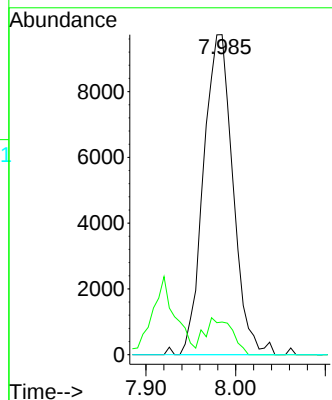
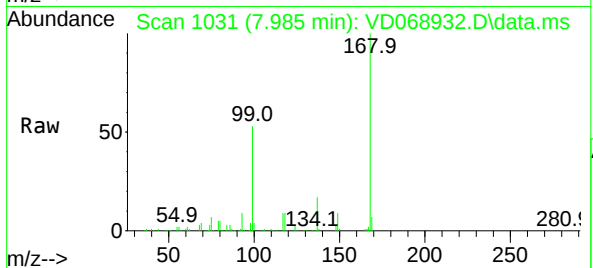


#36

1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Instrument :
MSVOA_D
ClientSampleId :

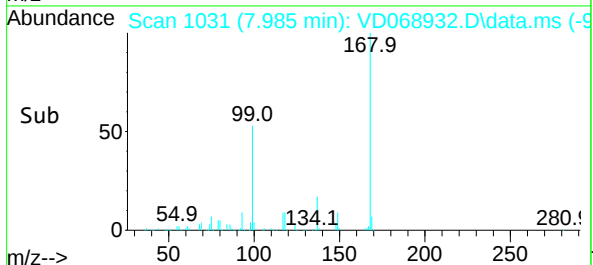
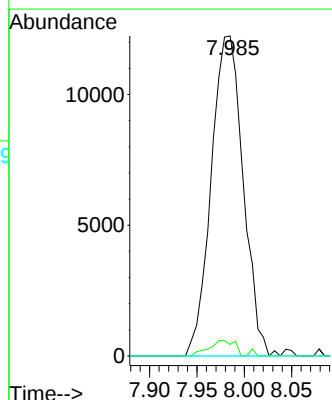
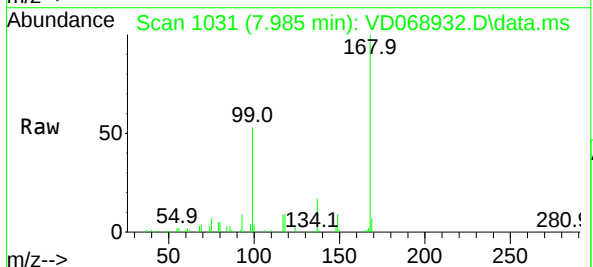
Tgt Ion: 75 Resp: 22150
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 24.7 37.1#

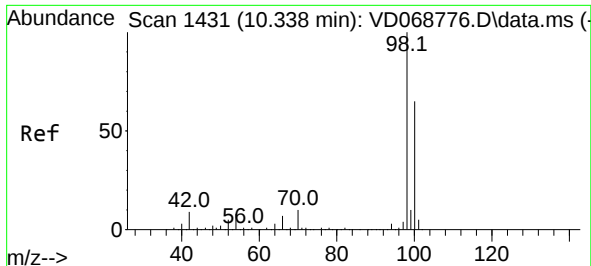


#38

Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion: 117 Resp: 28734
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
121 0.0 26.1 39.1#

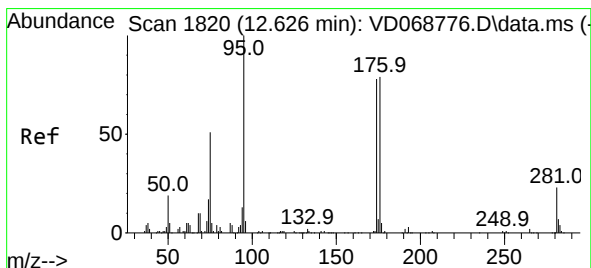
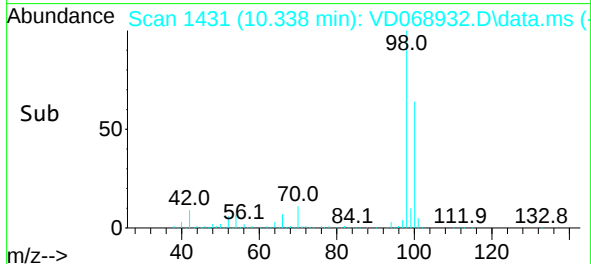
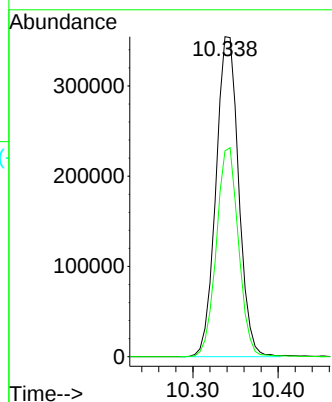
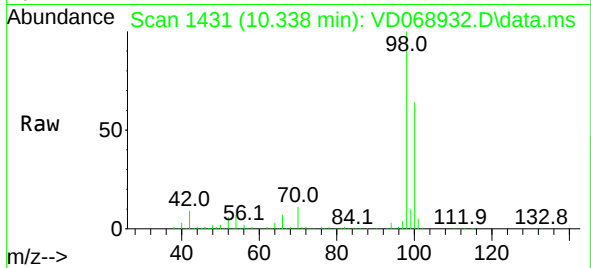




#50
Toluene-d8
Concen: 51.82 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

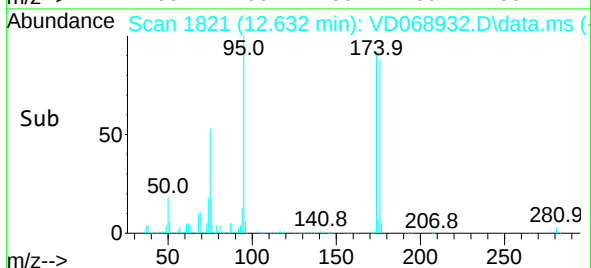
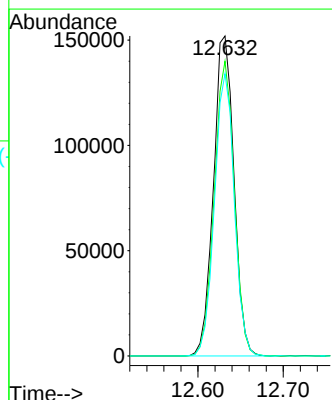
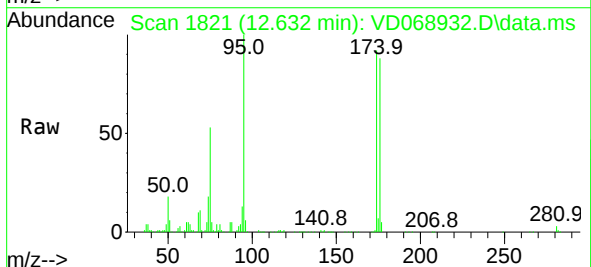
Instrument :
MSVOA_D
ClientSampleId :

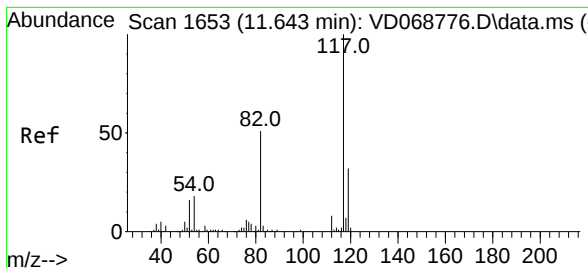
Tgt Ion: 98 Resp: 656176
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion: 95 Resp: 254327
Ion Ratio Lower Upper
95 100
174 90.0 0.0 168.0
176 85.2 0.0 160.2

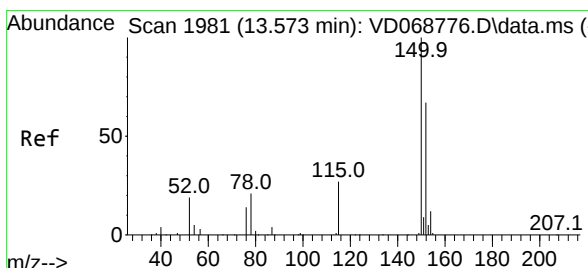
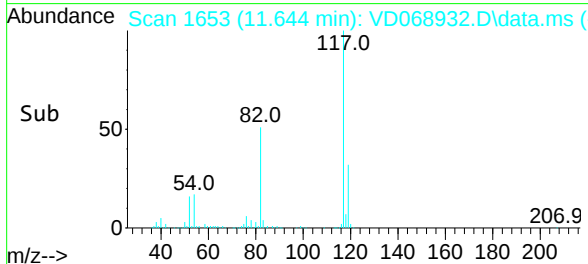
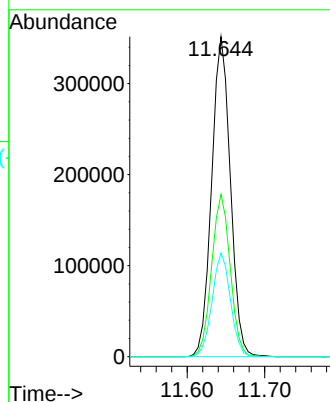
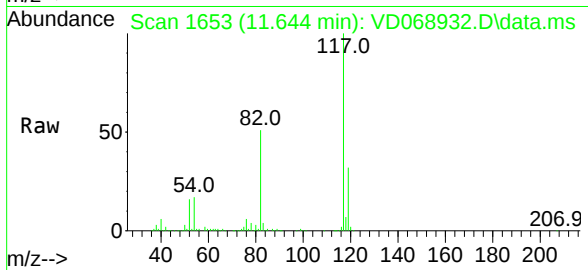




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

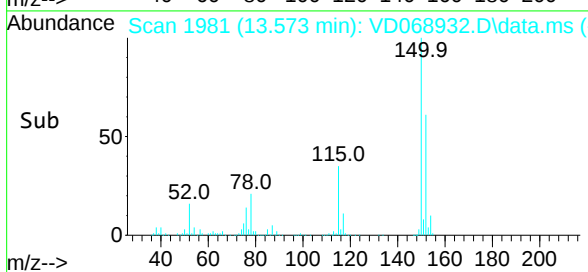
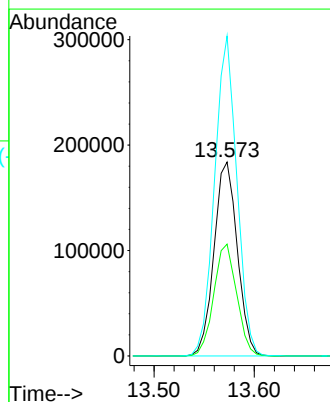
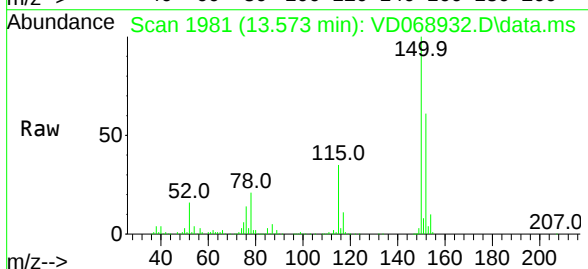
Instrument :
MSVOA_D
ClientSampleId :

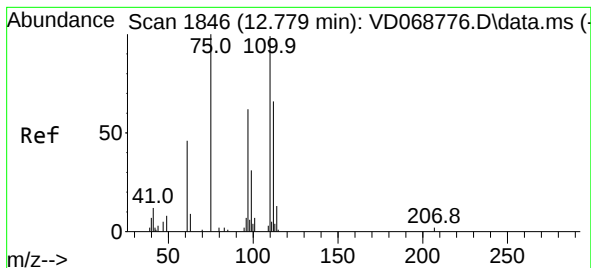
Tgt Ion:117 Resp: 590220
Ion Ratio Lower Upper
117 100
82 50.7 43.5 65.3
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion:152 Resp: 297281
Ion Ratio Lower Upper
152 100
115 56.8 29.3 87.8
150 157.4 0.0 347.6

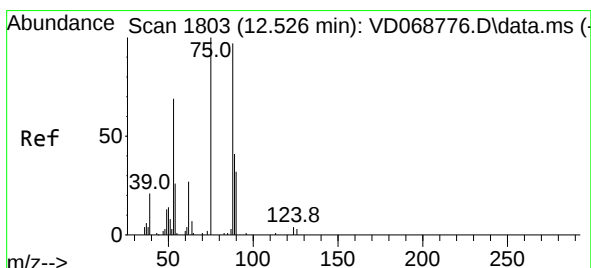
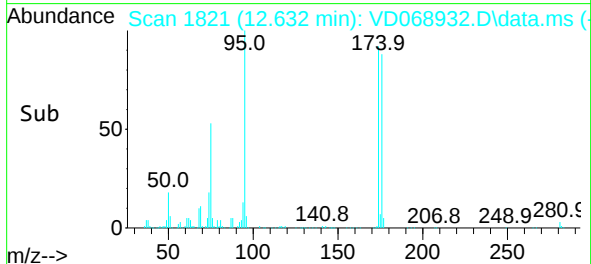
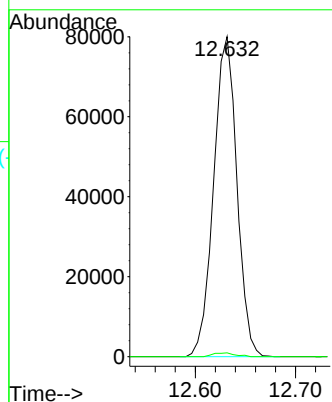
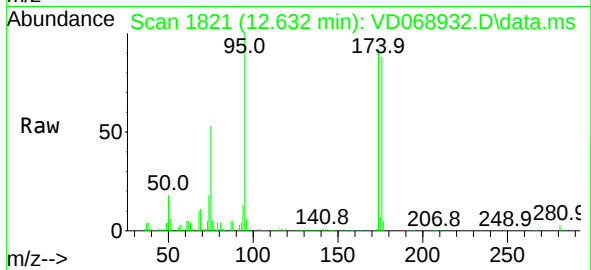




#76
1,2,3-Trichloropropane
Concen: 47.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 128838
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068932.D
Acq: 21 Apr 2021 17:42

Tgt Ion: 75 Resp: 128838
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

