

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068940.D
 Acq On : 21 Apr 2021 21:29
 Operator : VA/SY
 Sample : M2110-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:25:38 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)

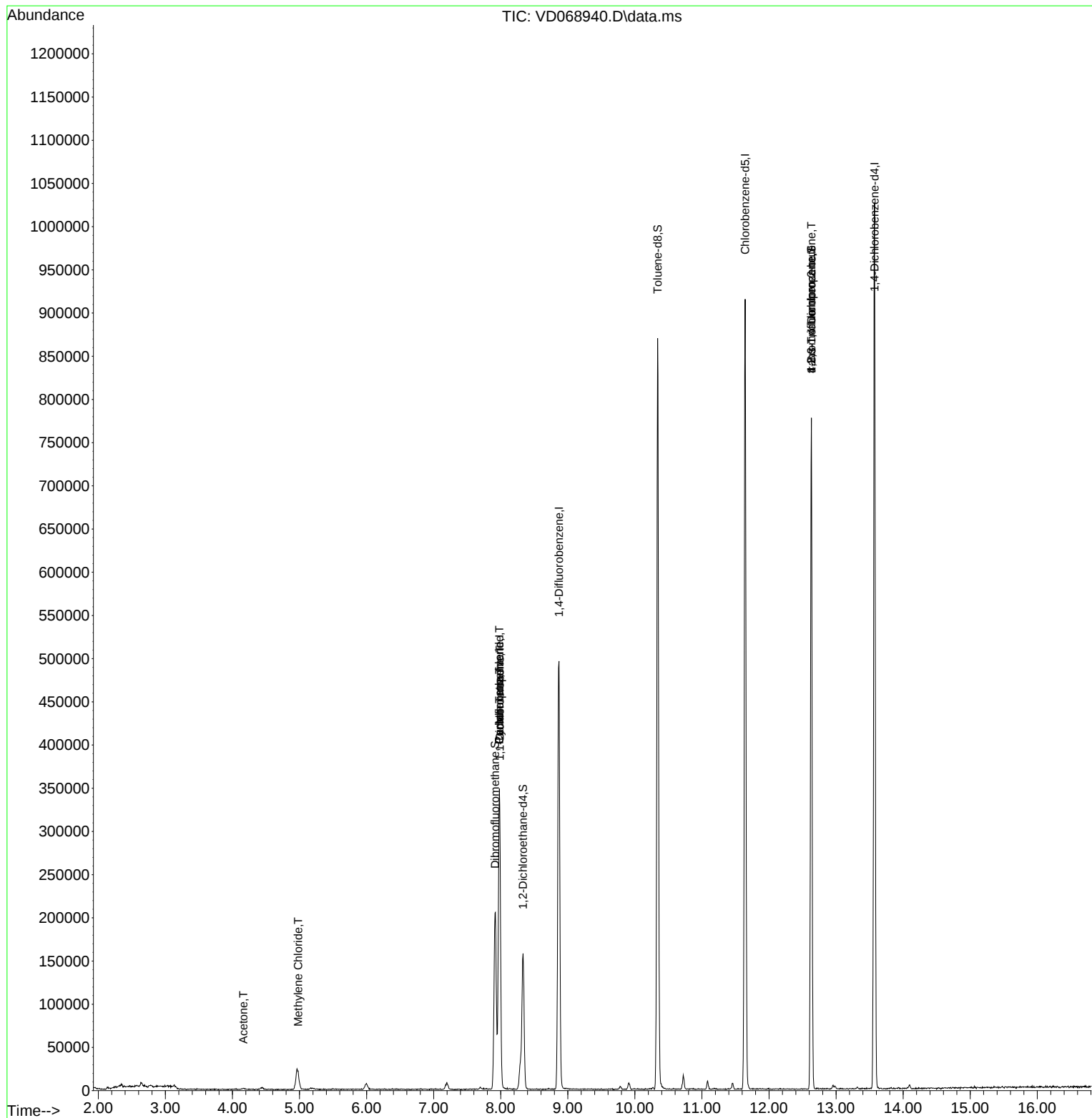
Internal Standards						
1) Pentafluorobenzene	7.979	168	271129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	470537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	562105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123429	43.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.16%		
35) Dibromofluoromethane	7.914	113	152309	49.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.54%		
50) Toluene-d8	10.338	98	605322	52.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.86%		
62) 4-Bromofluorobenzene	12.632	95	243012	63.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	126.74%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	338	Below Cal	#	73
16) Acetone	4.162	43	2294	5.78	ug/l #	88
20) Methylene Chloride	4.979	84	20607	1.77	ug/l	87
31) Cyclohexane	7.979	56	6182	1.30	ug/l #	54
36) 1,1-Dichloropropene	7.985	75	20172	4.24	ug/l #	48
38) Carbon Tetrachloride	7.979	117	26817	5.69	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	121075	45.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	121075	106.28	ug/l #	16

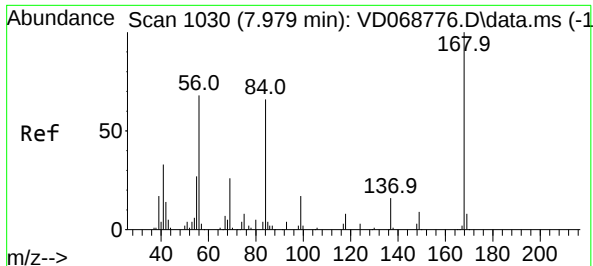
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

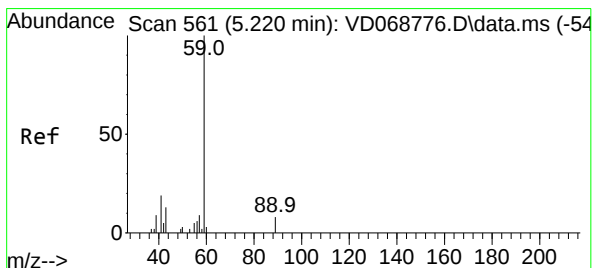
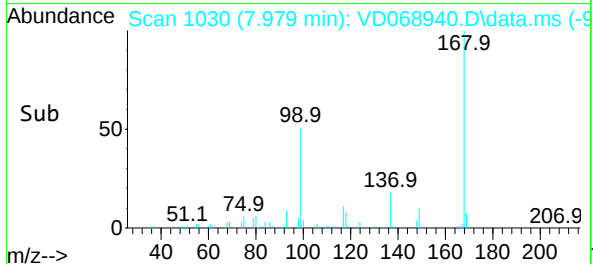
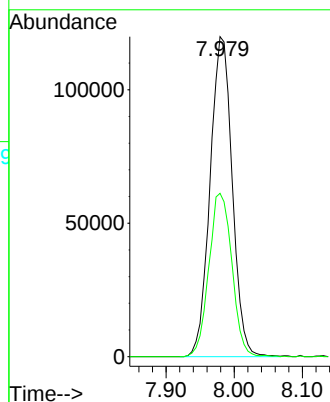
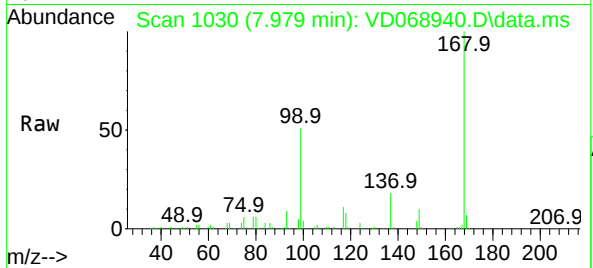




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

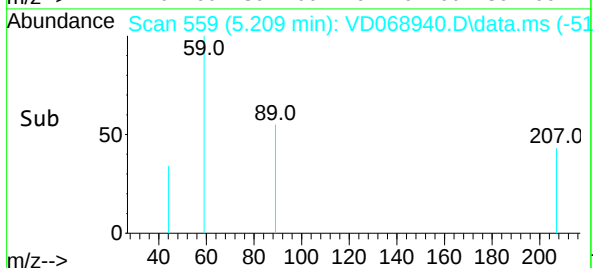
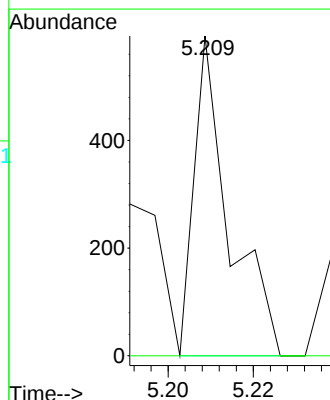
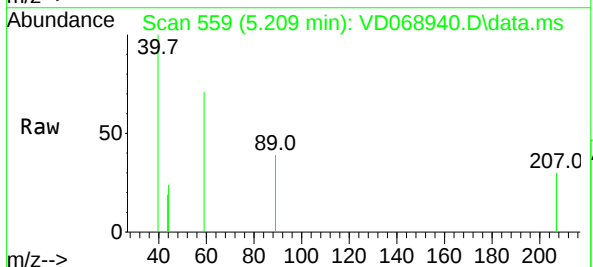
Instrument :
MSVOA_D
ClientSampled :

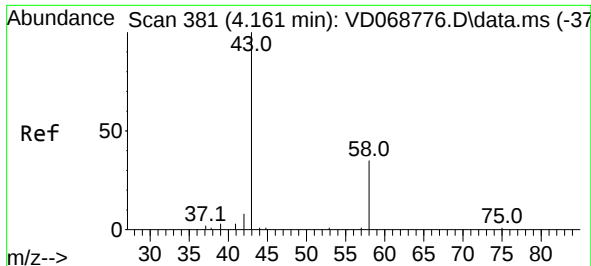
Tgt Ion:168 Resp: 271129
Ion Ratio Lower Upper
168 100
99 51.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

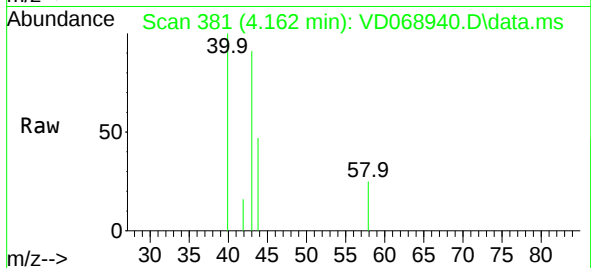
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



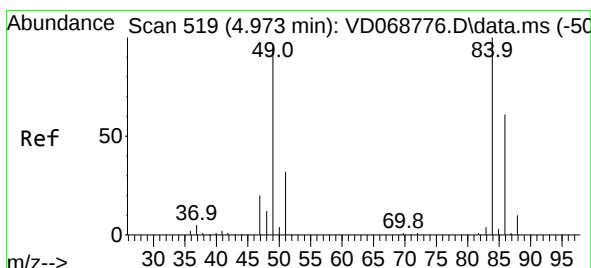
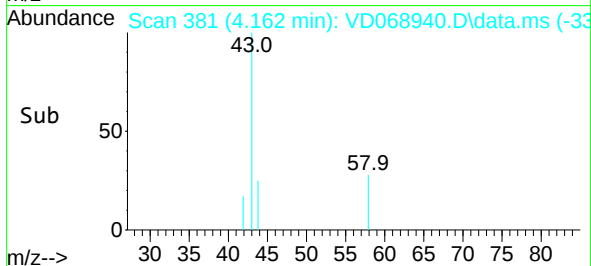
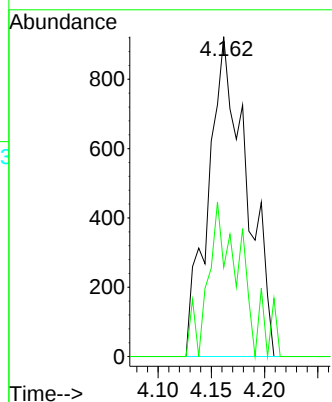


#16
Acetone
Concen: 5.78 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Instrument :
MSVOA_D
ClientSampled :

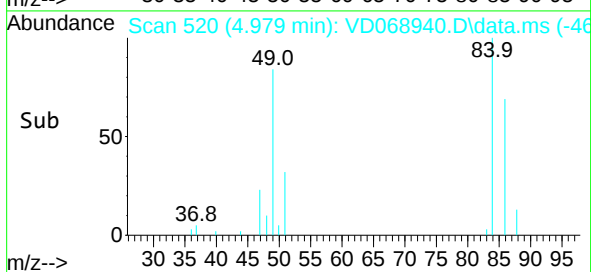
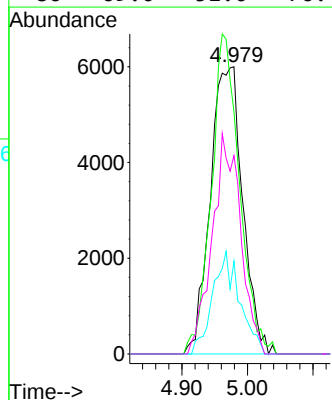
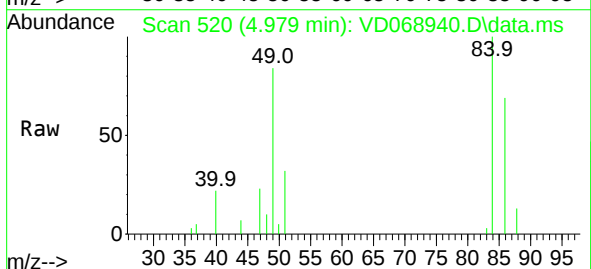


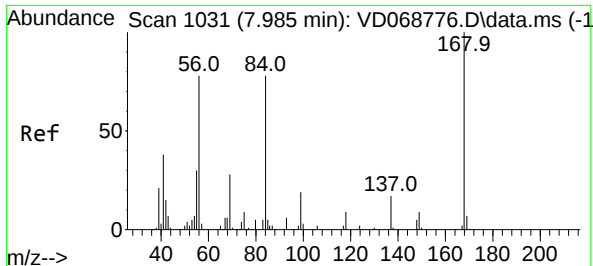
Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#



#20
Methylene Chloride
Concen: 1.77 ug/l
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion: 84 Resp: 20607
Ion Ratio Lower Upper
84 100
49 84.4 83.4 125.0
51 32.3 23.4 35.2
86 69.0 51.0 76.4

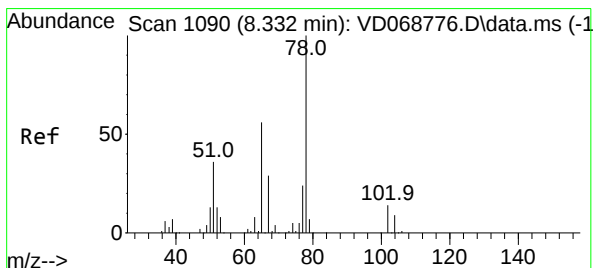
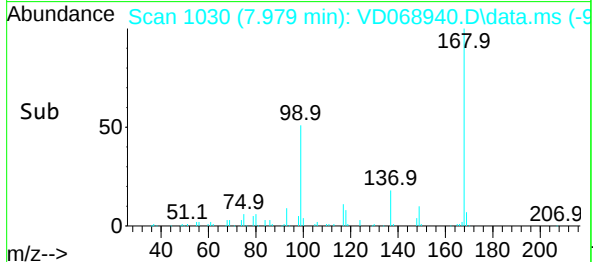
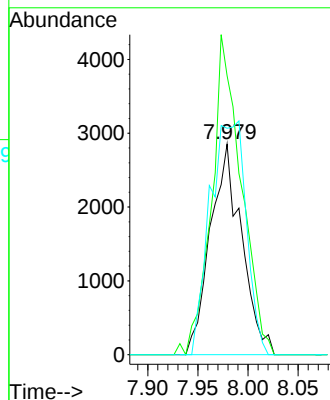
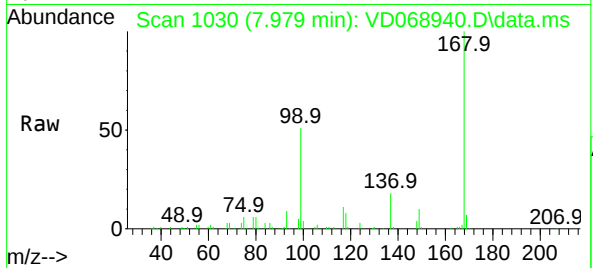




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

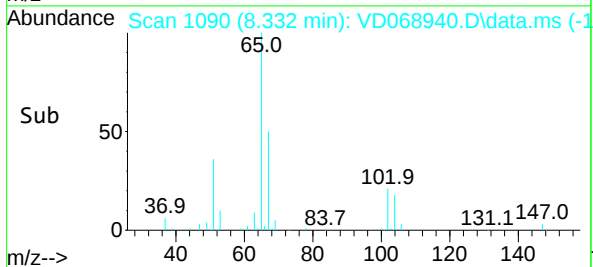
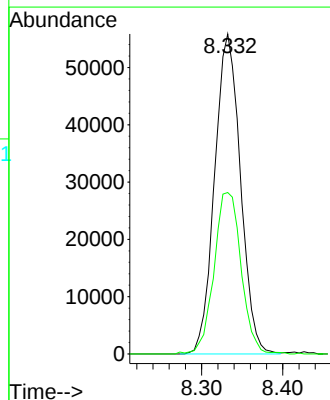
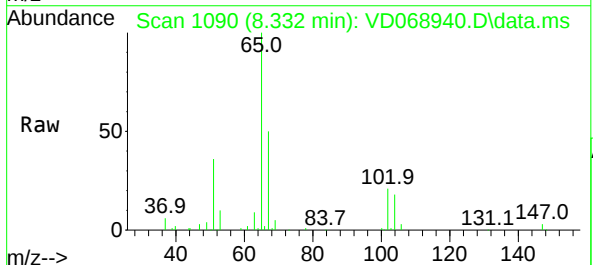
Instrument :
MSVOA_D
ClientSampleId :

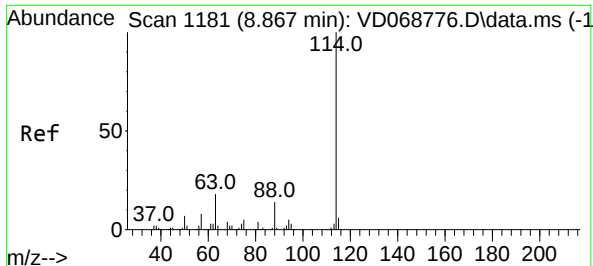
Tgt Ion: 56 Resp: 6182
Ion Ratio Lower Upper
56 100
69 132.5 30.0 45.0#
84 107.5 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 43.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion: 65 Resp: 123429
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

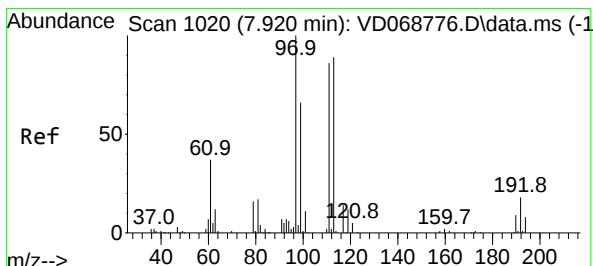
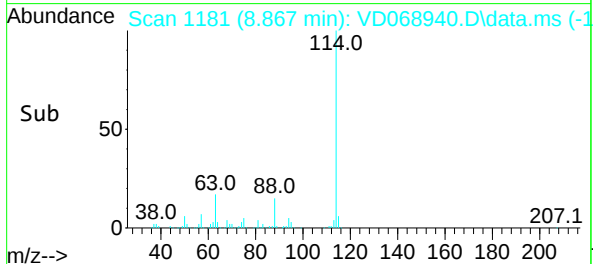
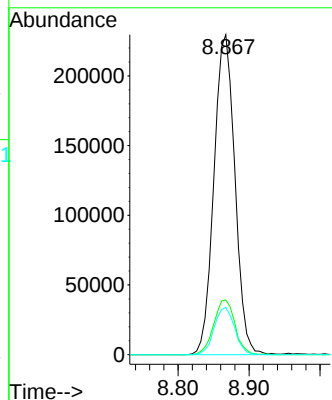
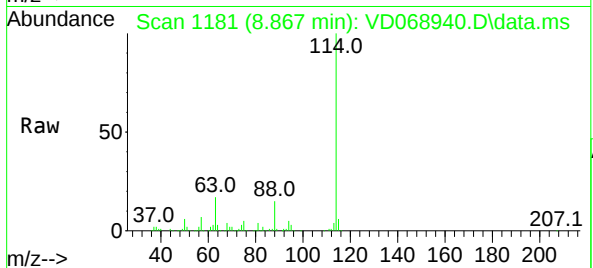
Delta R.T. 0.000 min

Lab File: VD068940.D

Acq: 21 Apr 2021 21:29

Tgt Ion:	114	Resp:	470537
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	38.2
88	14.8	0.0	29.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 49.77 ug/l

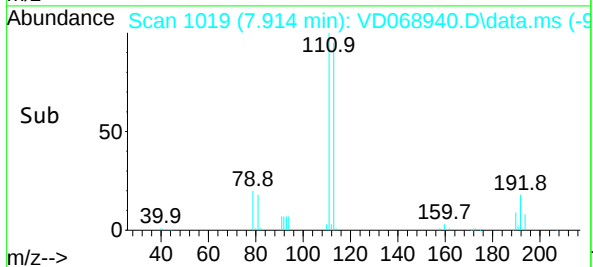
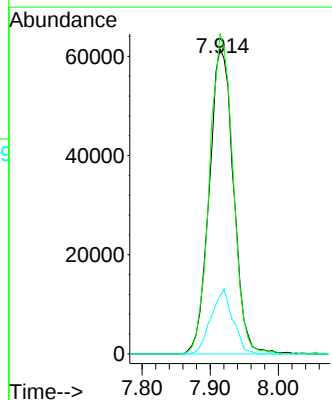
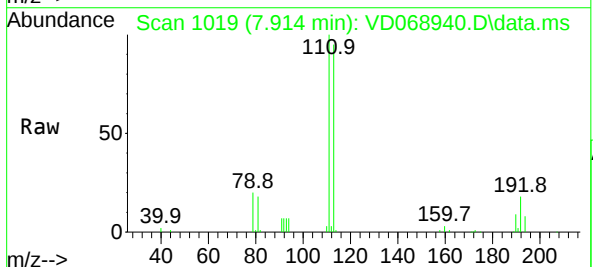
RT: 7.914 min Scan# 1019

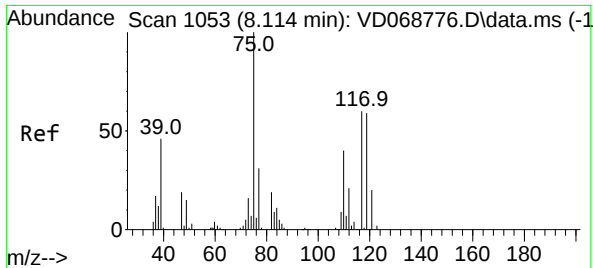
Delta R.T. -0.006 min

Lab File: VD068940.D

Acq: 21 Apr 2021 21:29

Tgt Ion:	113	Resp:	152309
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.5	123.7
192	19.2	15.1	22.7

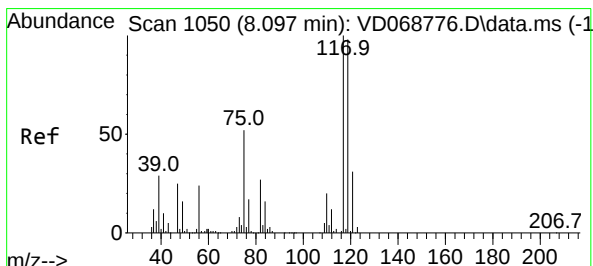
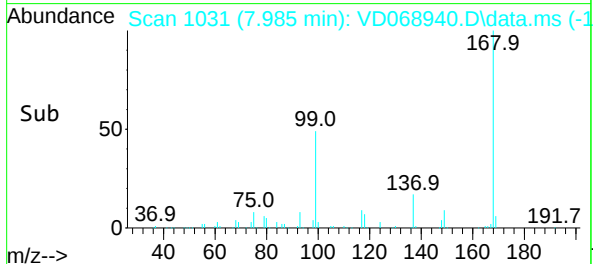
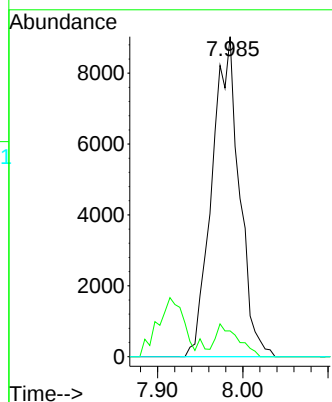
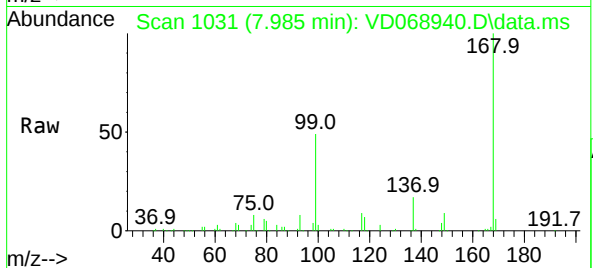




#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

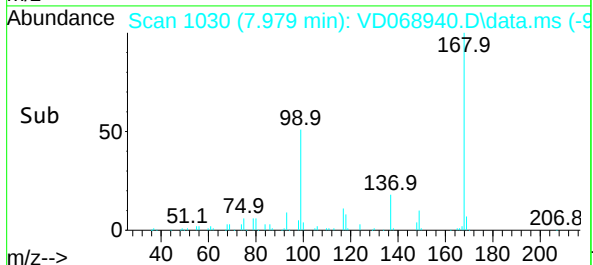
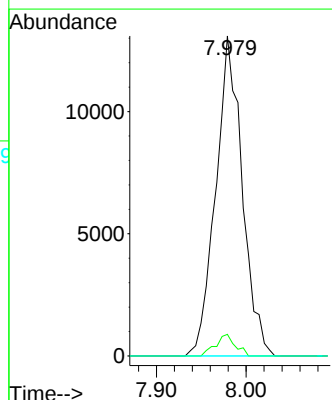
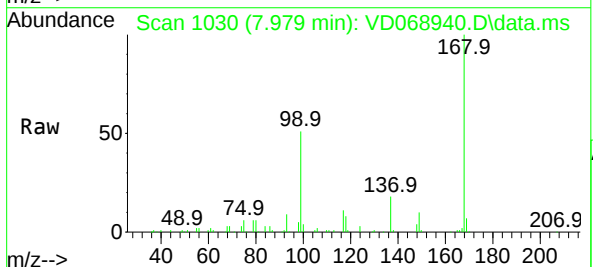
Instrument :
MSVOA_D
ClientSampled :

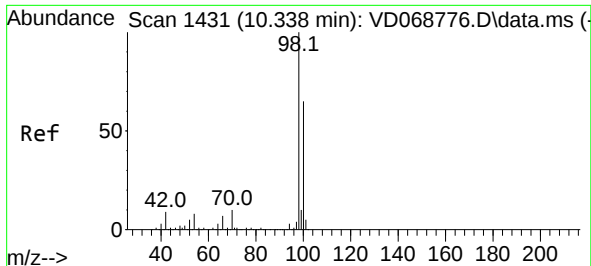
Tgt Ion: 75 Resp: 20172
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion: 117 Resp: 26817
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 26.1 39.1#

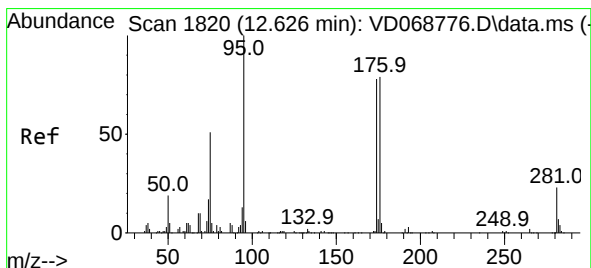
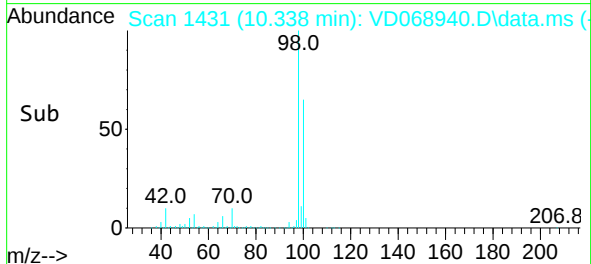
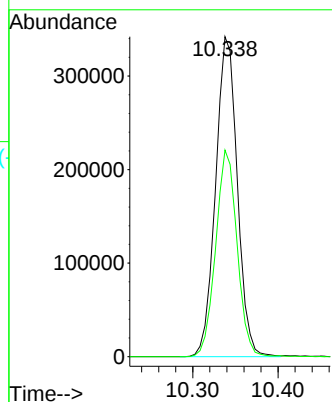
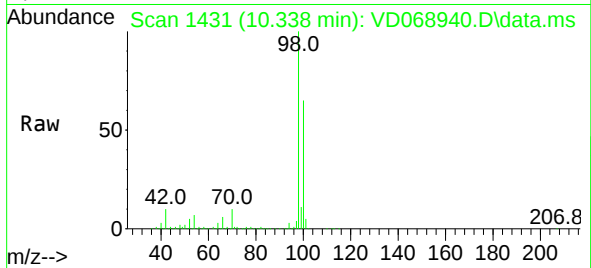




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

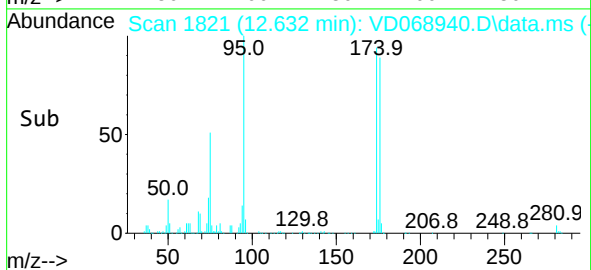
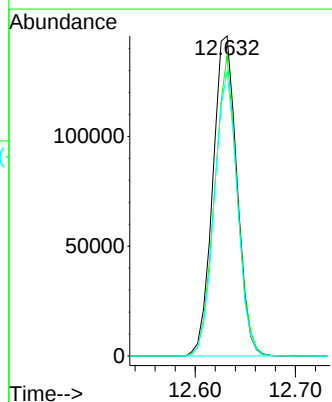
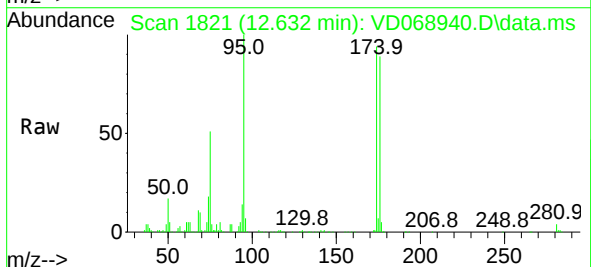
Instrument :
MSVOA_D
ClientSampled :

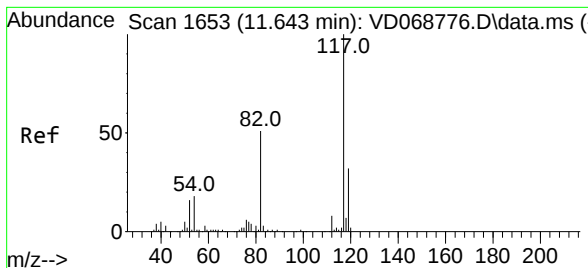
Tgt Ion: 98 Resp: 605322
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion: 95 Resp: 243012
Ion Ratio Lower Upper
95 100
174 88.3 0.0 168.0
176 84.6 0.0 160.2

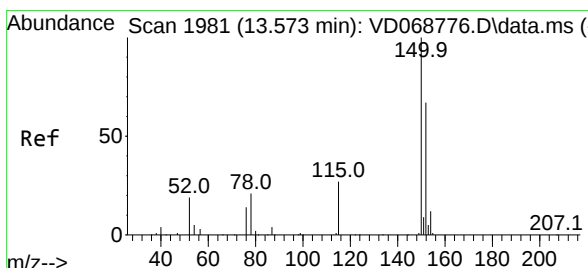
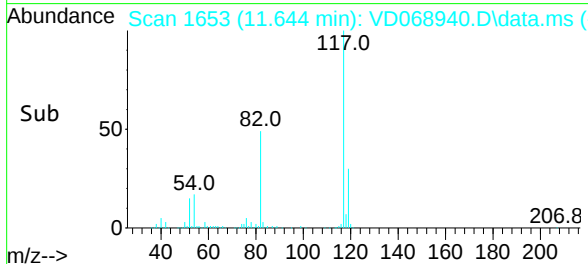
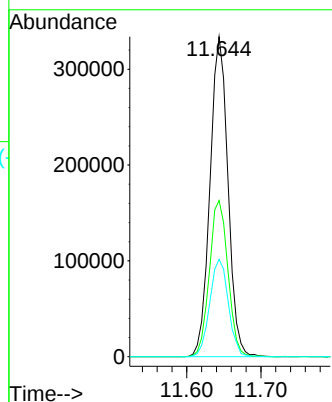
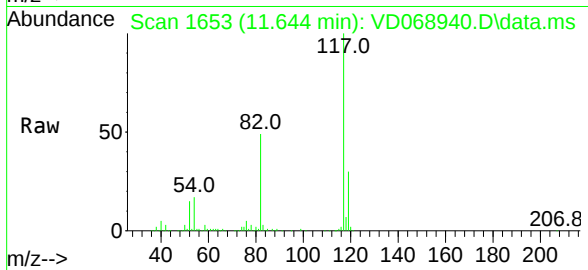




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

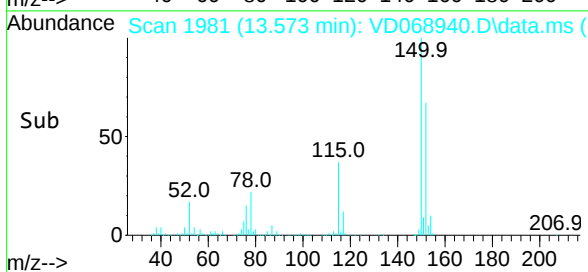
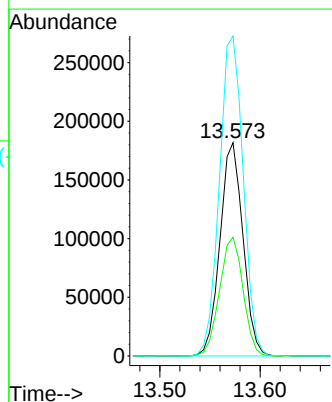
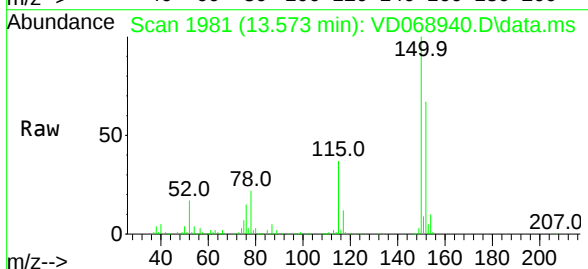
Instrument :
MSVOA_D
ClientSampleId :

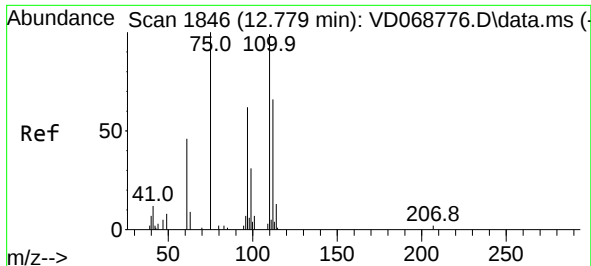
Tgt Ion:117 Resp: 562105
Ion Ratio Lower Upper
117 100
82 48.8 43.5 65.3
119 30.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion:152 Resp: 289379
Ion Ratio Lower Upper
152 100
115 56.8 29.3 87.8
150 155.3 0.0 347.6

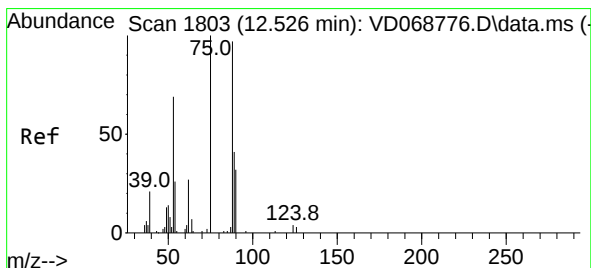
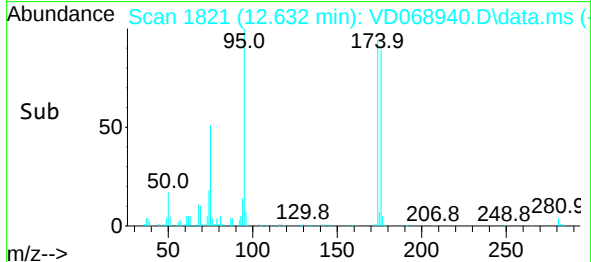
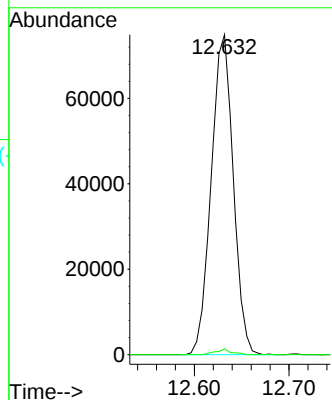
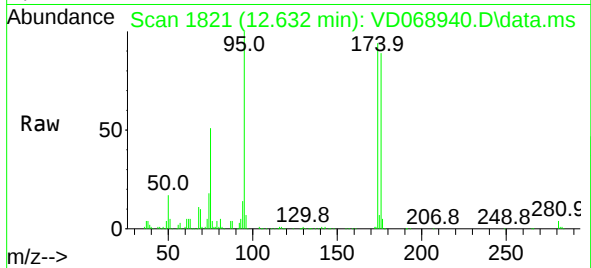




#76
1,2,3-Trichloropropane
Concen: 45.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 121075
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068940.D
Acq: 21 Apr 2021 21:29

Tgt Ion: 75 Resp: 121075
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

