

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068976.D
 Acq On : 23 Apr 2021 19:18
 Operator : VA/SY
 Sample : M2107-17RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:52:49 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)

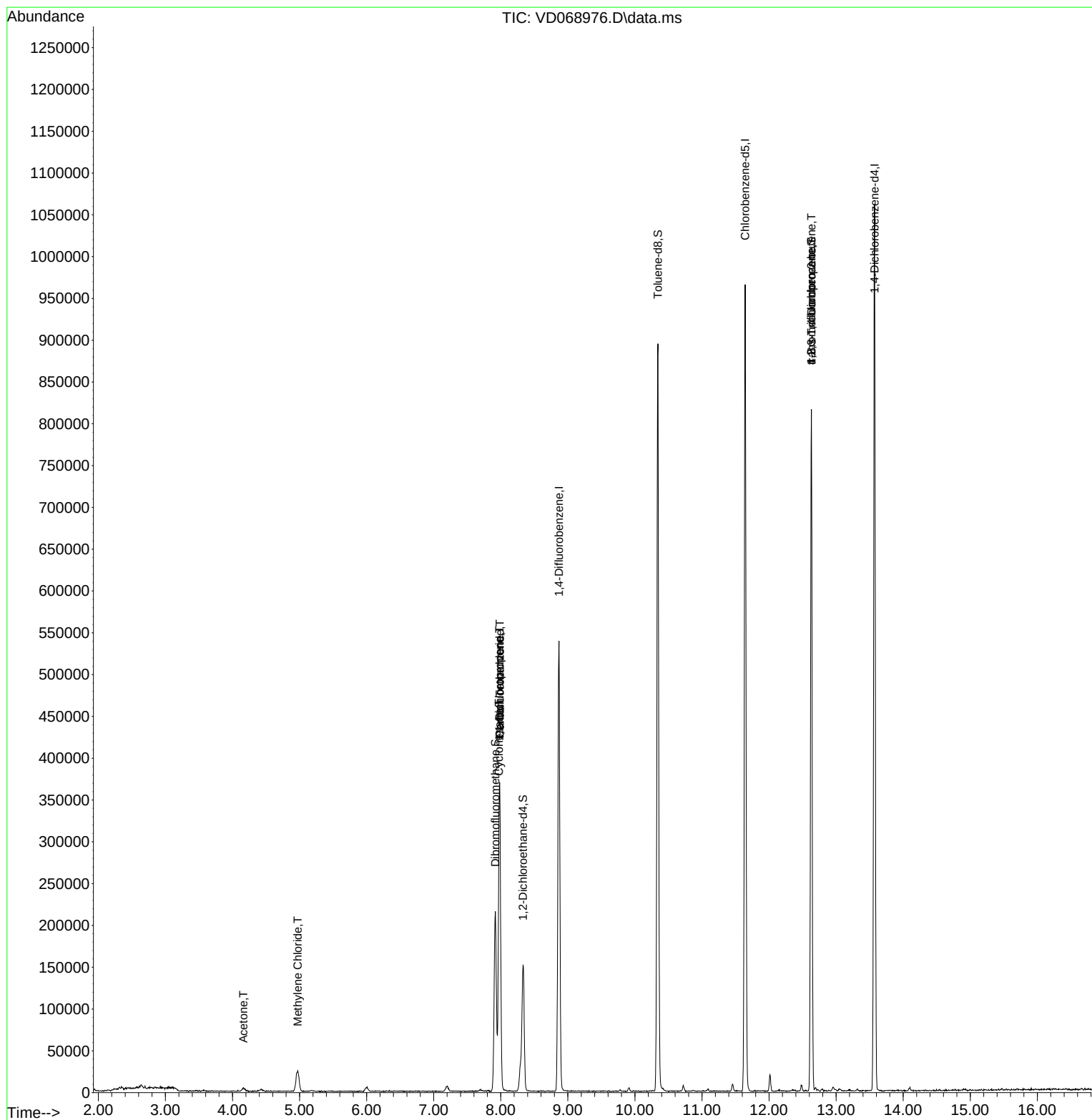
Internal Standards						
1) Pentafluorobenzene	7.985	168	296105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	496841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	579098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	297905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120289	38.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.88%		
35) Dibromofluoromethane	7.920	113	154500	47.81	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.62%		
50) Toluene-d8	10.344	98	629275	51.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.24%		
62) 4-Bromofluorobenzene	12.632	95	258305	63.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	127.60%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	990	Below Cal	#	73
16) Acetone	4.162	43	6790	15.67	ug/l #	82
20) Methylene Chloride	4.973	84	22873	1.89	ug/l #	85
31) Cyclohexane	7.973	56	6394	1.23	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	21457	4.27	ug/l #	49
38) Carbon Tetrachloride	7.985	117	28781	5.78	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	130768	48.05	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130768	111.51	ug/l #	16

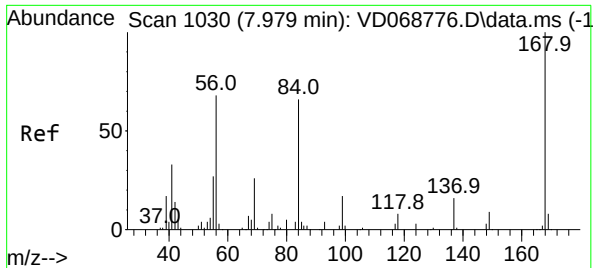
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068976.D
Acq On : 23 Apr 2021 19:18
Operator : VA/SY
Sample : M2107-17RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 26 09:52:49 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

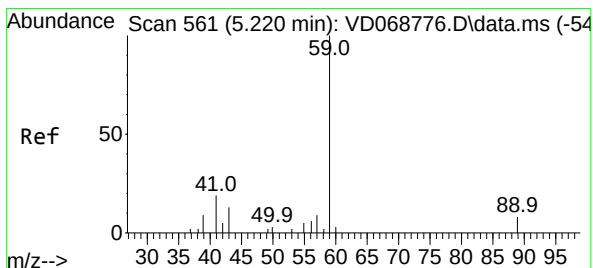
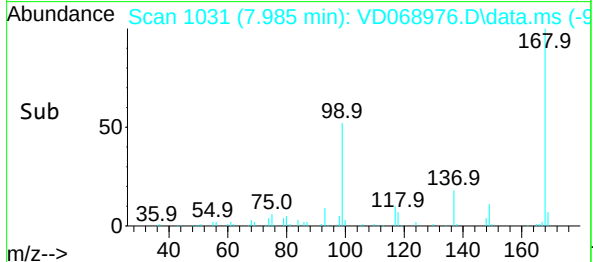
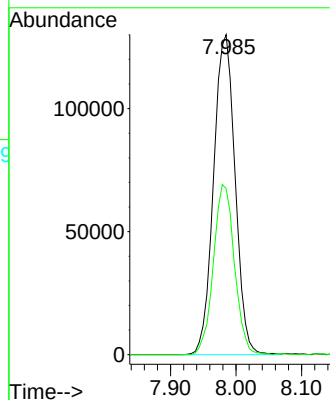
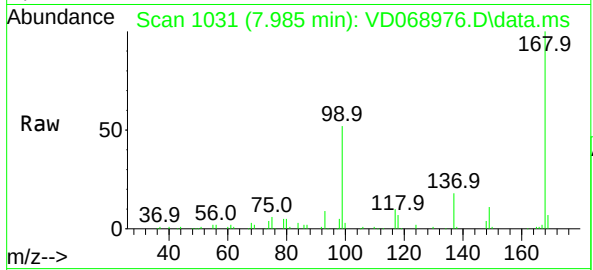




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

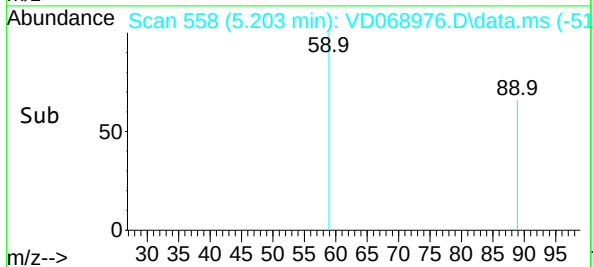
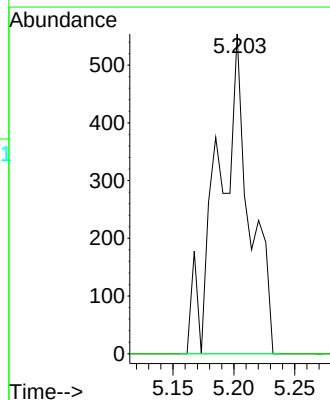
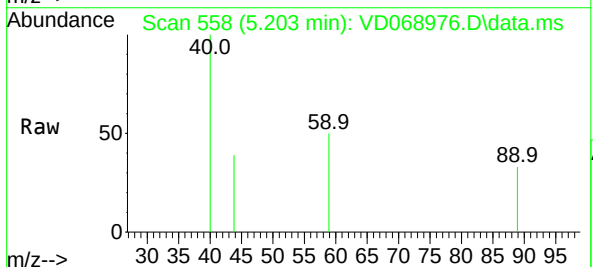
Instrument :
MSVOA_D
ClientSampled :

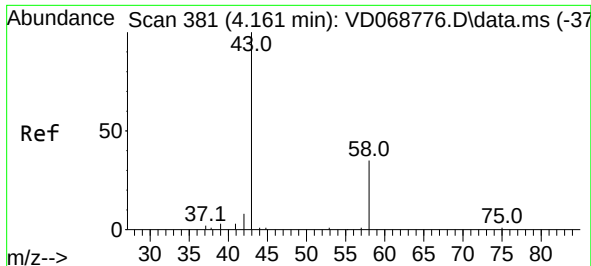
Tgt Ion:168 Resp: 296105
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

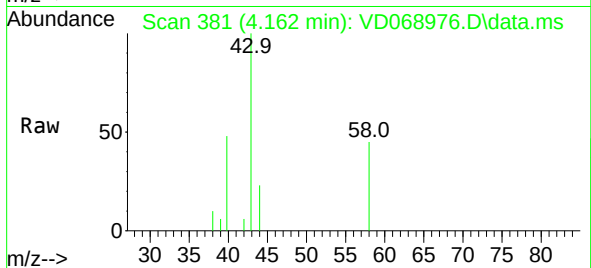
Tgt Ion: 59 Resp: 990
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



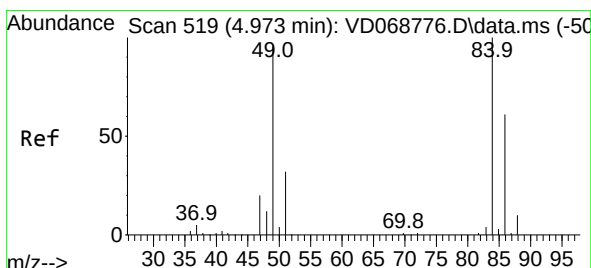
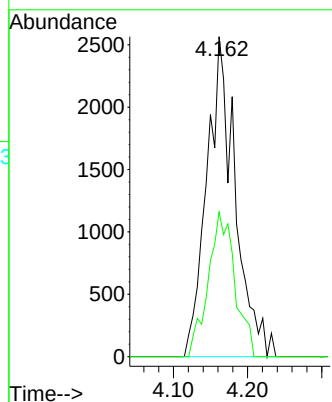
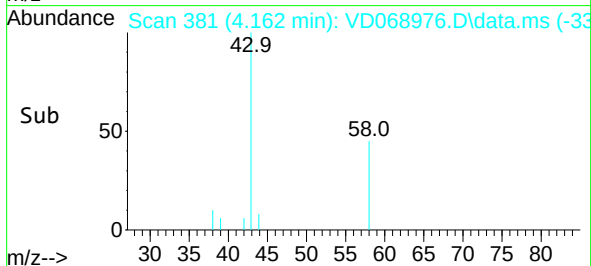


#16
Acetone
Concen: 15.67 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

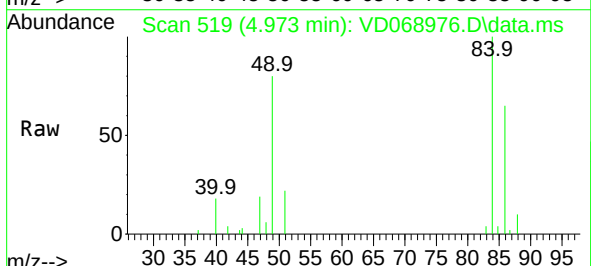
Instrument :
MSVOA_D
ClientSampleId :



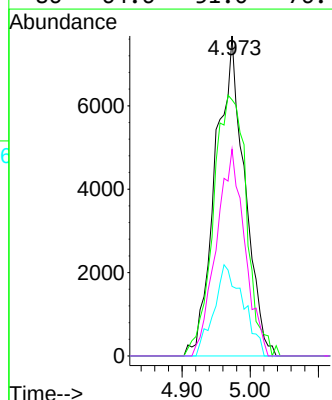
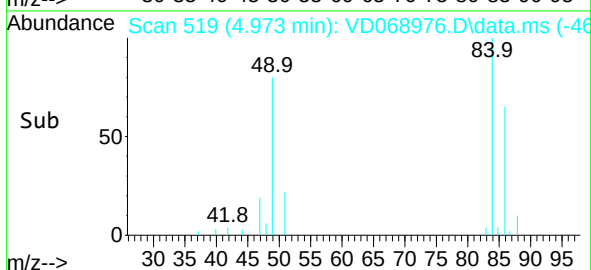
Tgt Ion: 43 Resp: 6790
Ion Ratio Lower Upper
43 100
58 45.2 28.0 42.0#

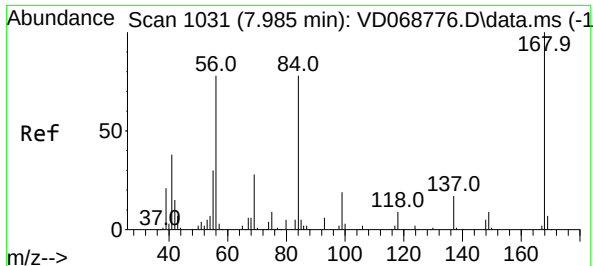


#20
Methylene Chloride
Concen: 1.89 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18



Tgt Ion: 84 Resp: 22873
Ion Ratio Lower Upper
84 100
49 80.1 83.4 125.0#
51 21.7 23.4 35.2#
86 64.6 51.0 76.4

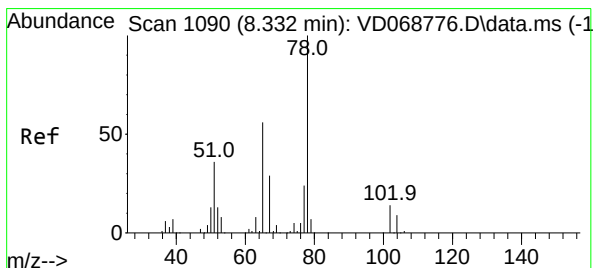
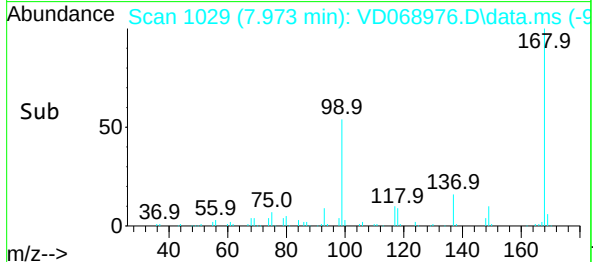
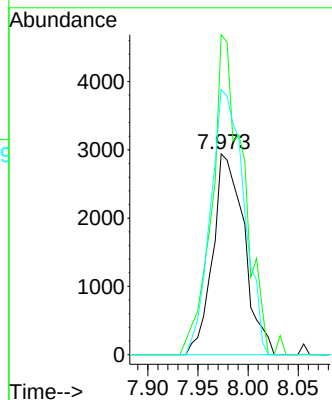
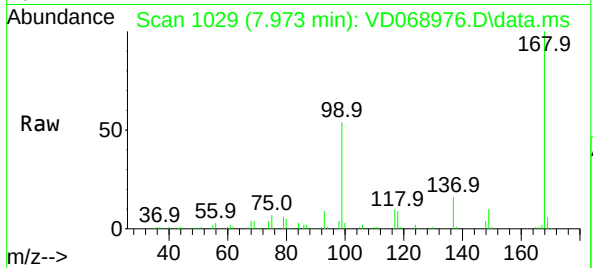




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

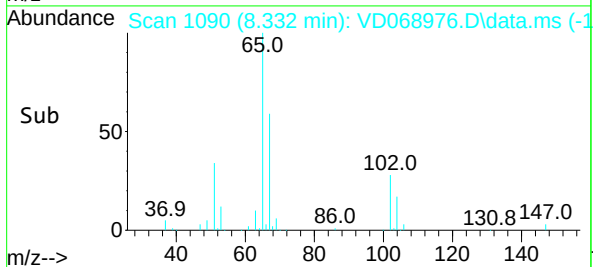
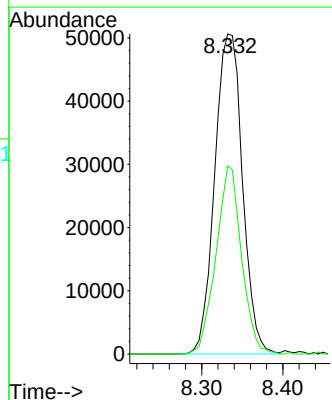
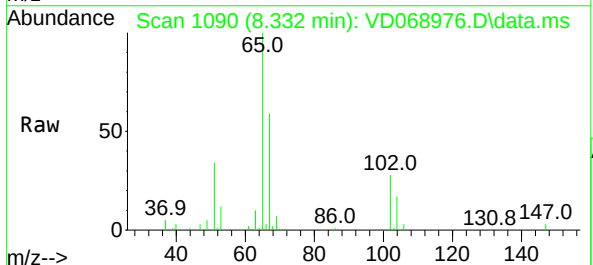
Instrument :
MSVOA_D
ClientSampled :

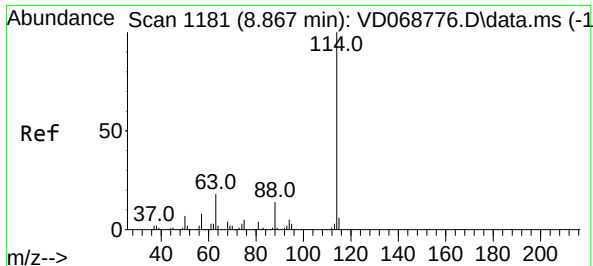
Tgt Ion: 56 Resp: 6394
Ion Ratio Lower Upper
56 100
69 159.4 30.0 45.0#
84 132.0 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 38.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Tgt Ion: 65 Resp: 120289
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

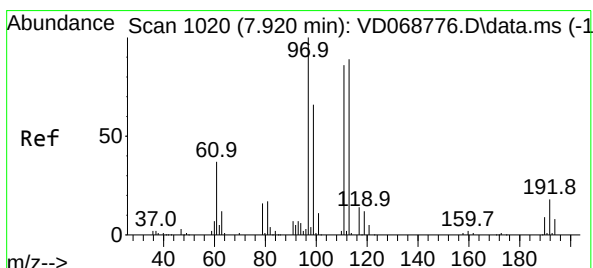
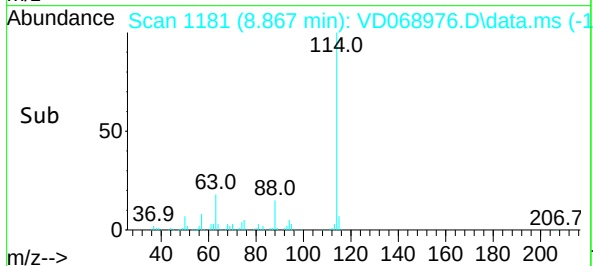
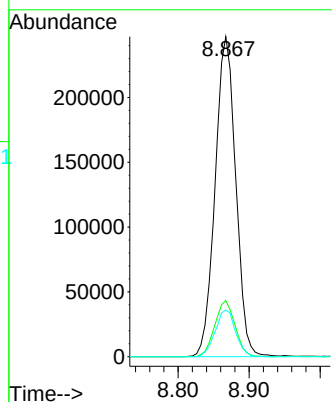
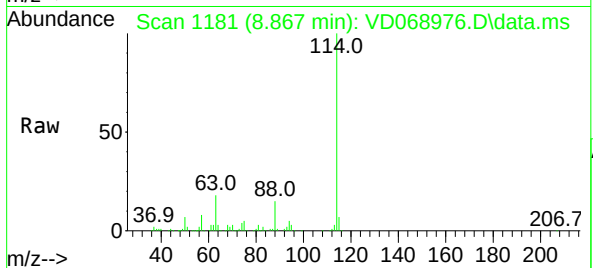
Delta R.T. 0.000 min

Lab File: VD068976.D

Acq: 23 Apr 2021 19:18

Tgt Ion:	114	Resp:	496841
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	38.2
88	14.6	0.0	29.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 47.81 ug/l

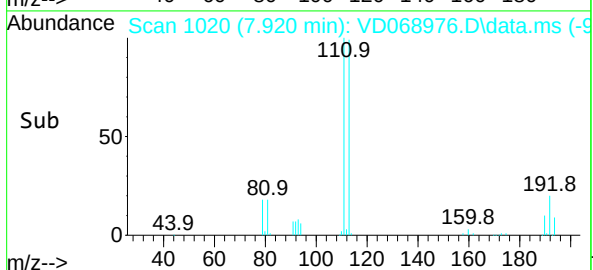
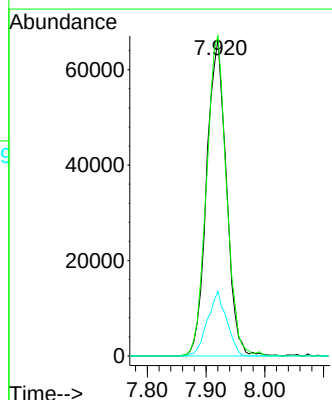
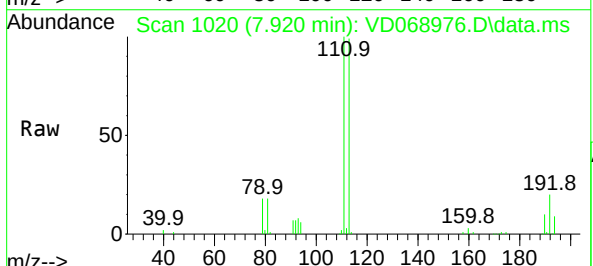
RT: 7.920 min Scan# 1020

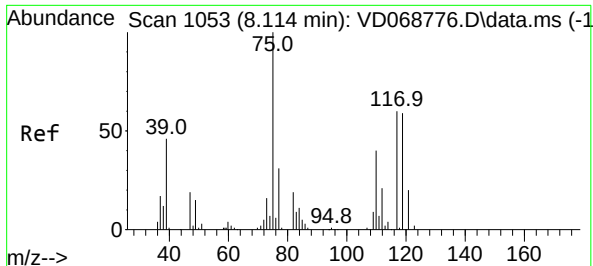
Delta R.T. 0.000 min

Lab File: VD068976.D

Acq: 23 Apr 2021 19:18

Tgt Ion:	113	Resp:	154500
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.5	123.7
192	19.8	15.1	22.7

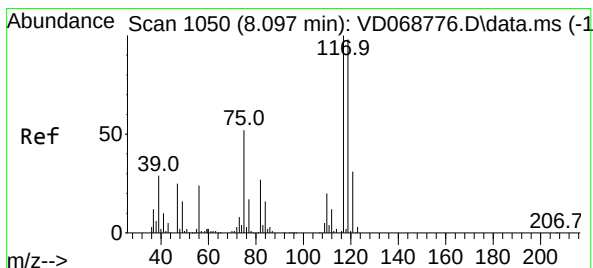
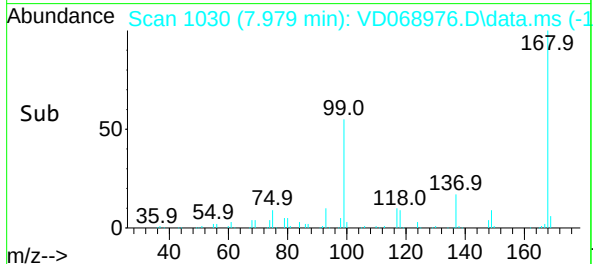
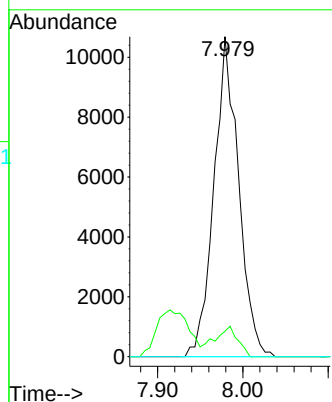
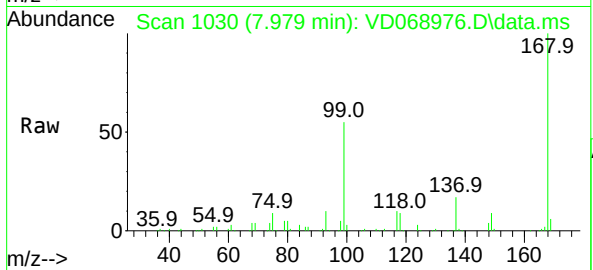




#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

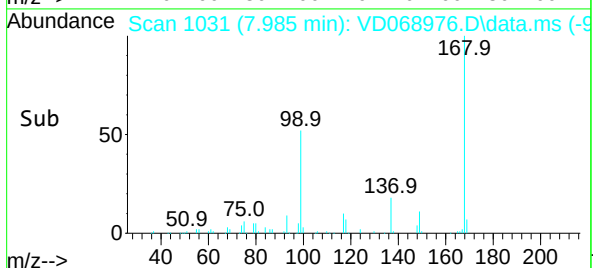
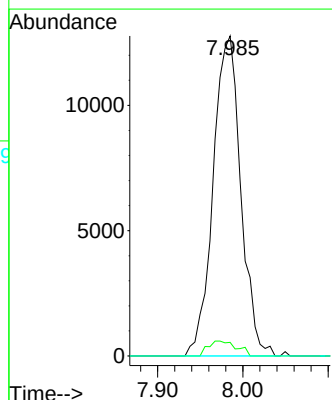
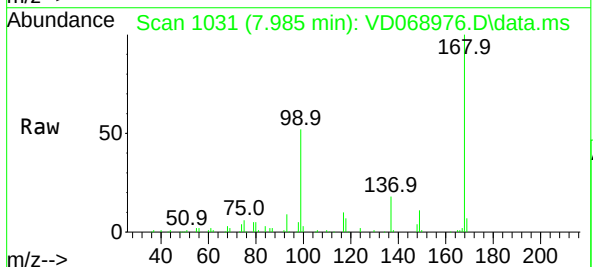
Instrument :
MSVOA_D
ClientSampleId :

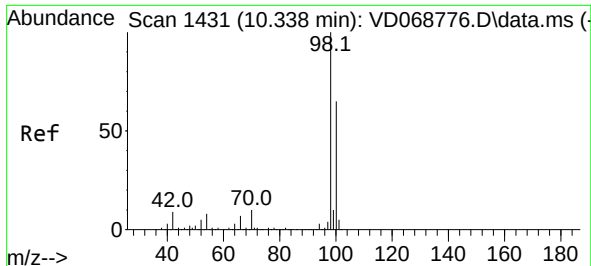
Tgt Ion: 75 Resp: 21457
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Tgt Ion: 117 Resp: 28781
Ion Ratio Lower Upper
117 100
119 4.2 76.6 115.0#
121 0.0 26.1 39.1#

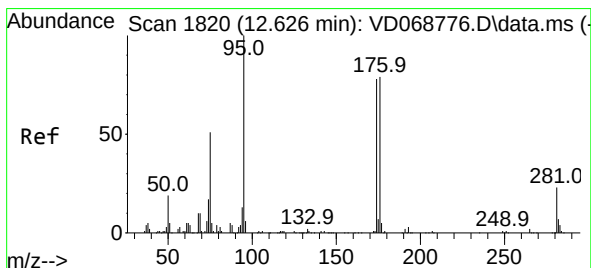
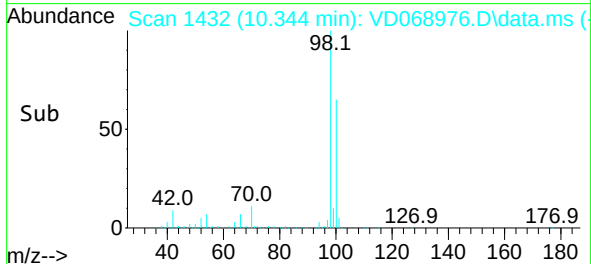
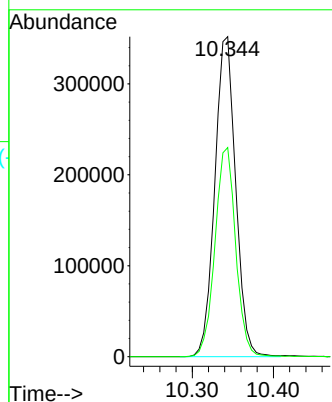
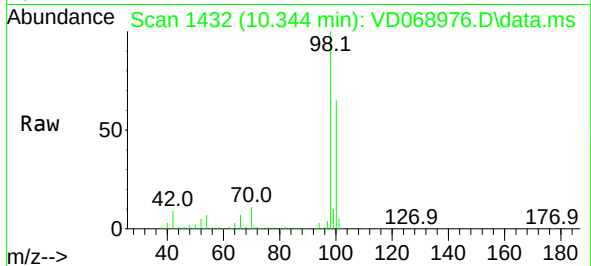




#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

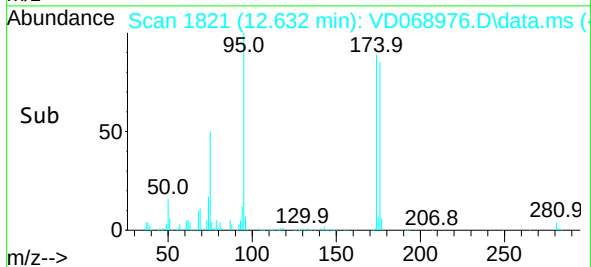
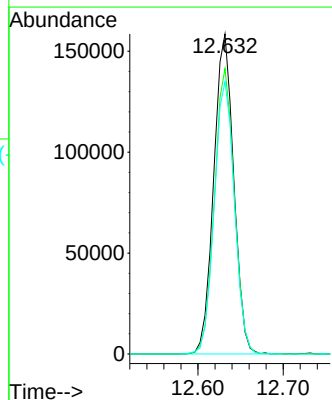
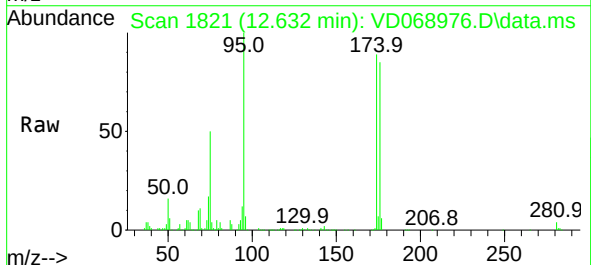
Instrument :
MSVOA_D
ClientSampleId :

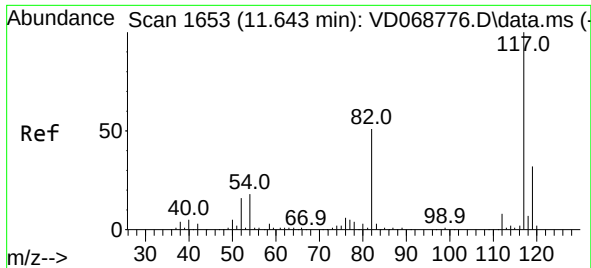
Tgt Ion: 98 Resp: 629275
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Tgt Ion: 95 Resp: 258305
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 85.8 0.0 160.2

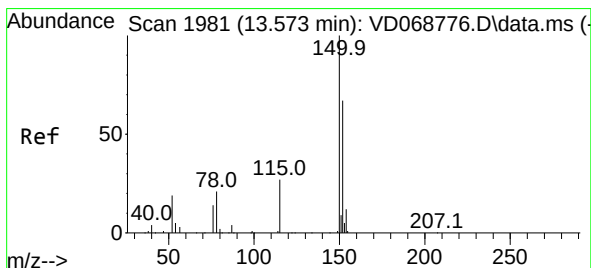
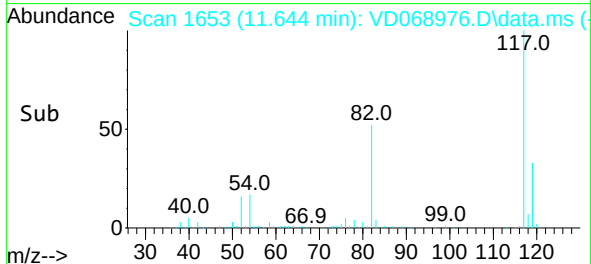
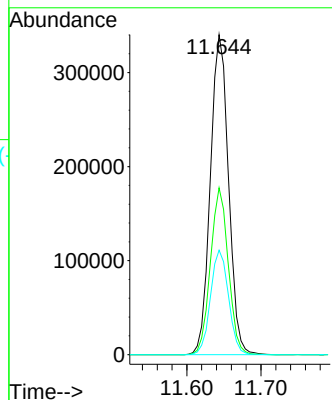
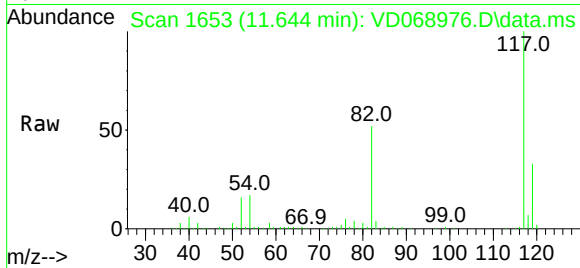




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

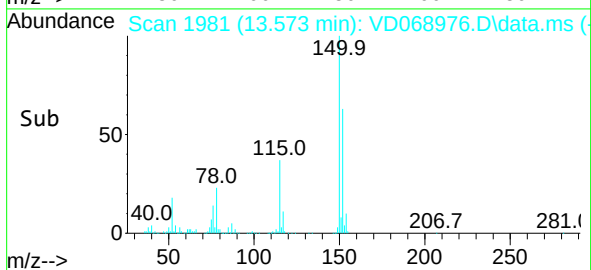
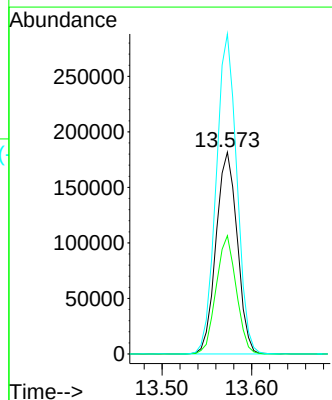
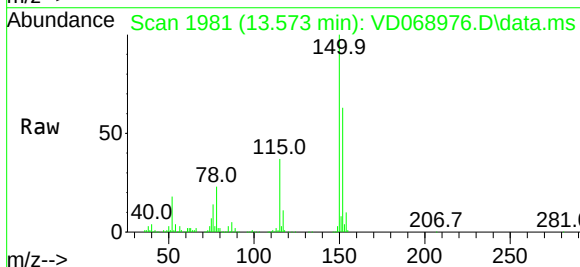
Instrument :
MSVOA_D
ClientSampleId :

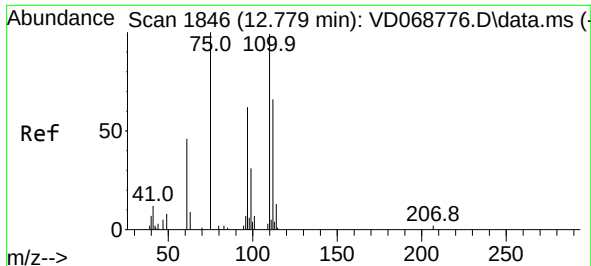
Tgt Ion:117 Resp: 579098
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Tgt Ion:152 Resp: 297905
Ion Ratio Lower Upper
152 100
115 55.7 29.3 87.8
150 154.9 0.0 347.6

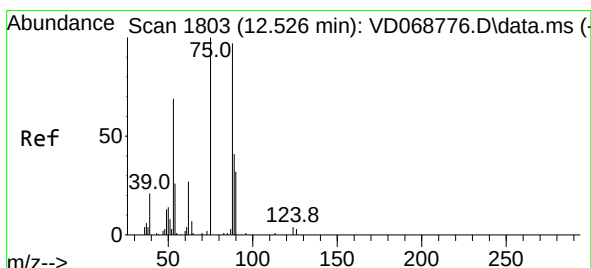
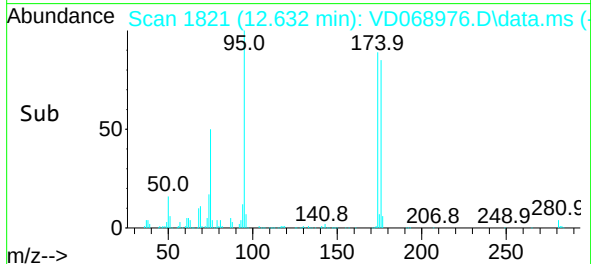
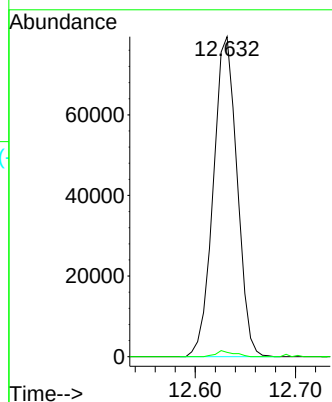
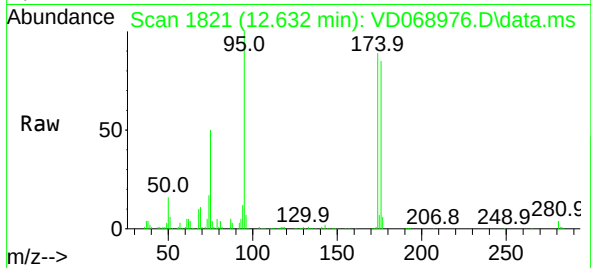




#76
1,2,3-Trichloropropane
Concen: 48.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 130768
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068976.D
Acq: 23 Apr 2021 19:18

Tgt Ion: 75 Resp: 130768
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

