

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069027.D
 Acq On : 29 Apr 2021 19:23
 Operator : VA/SY
 Sample : M2217-12
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:15 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)

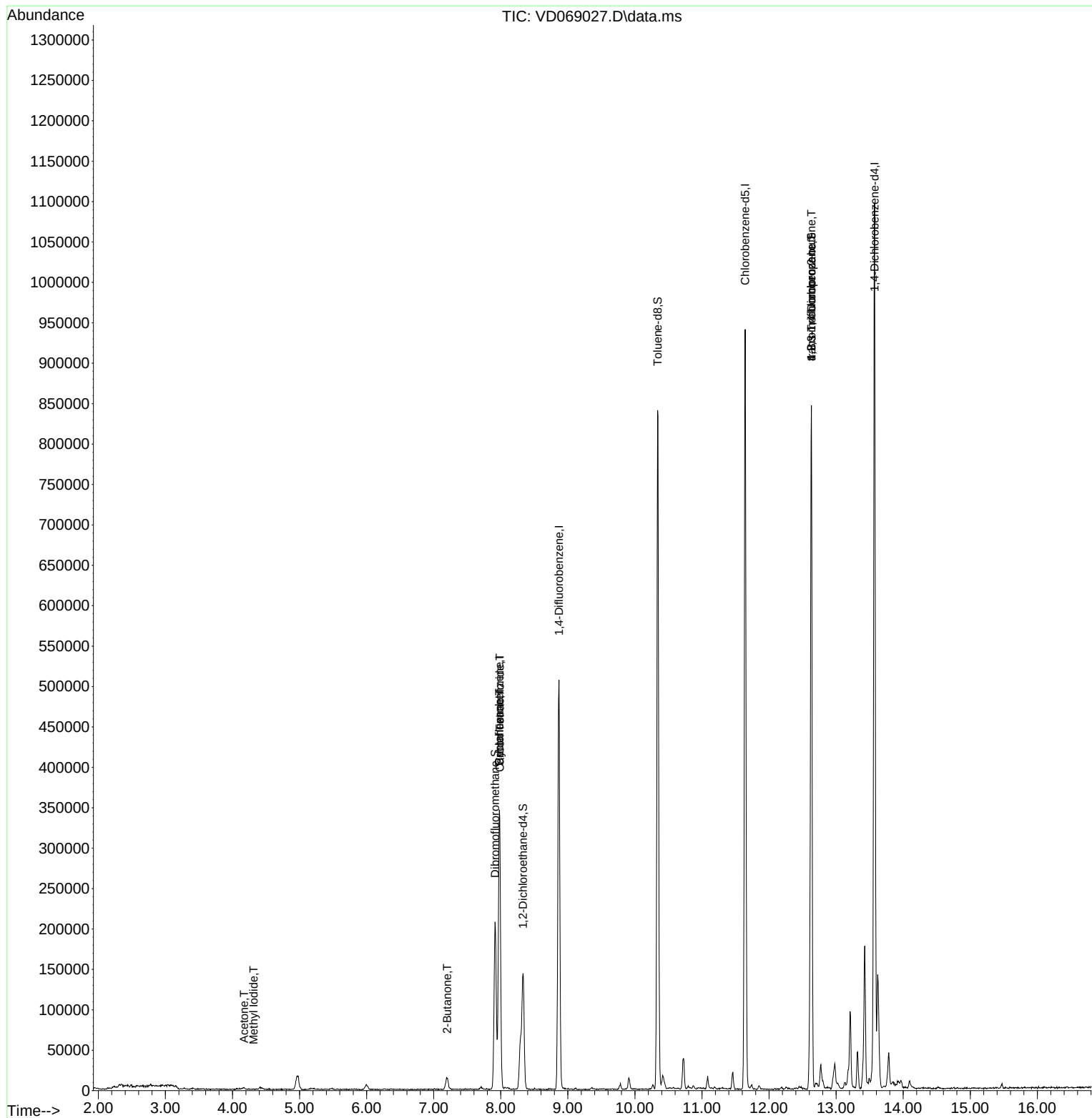
Internal Standards						
1) Pentafluorobenzene	7.979	168	270660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	468785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	576591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	111006	38.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.62%		
35) Dibromofluoromethane	7.914	113	147595	48.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.82%		
50) Toluene-d8	10.338	98	602231	52.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.72%		
62) 4-Bromofluorobenzene	12.632	95	265177	69.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	138.82%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	225	2.31	ug/l #	41
11) Tert butyl alcohol	5.208	59	754	Below Cal	#	73
16) Acetone	4.173	43	3851	9.72	ug/l	99
20) Methylene Chloride	4.961	84	14810	Below Cal	#	77
25) 2-Butanone	7.202	43	626	1.12	ug/l #	39
31) Cyclohexane	7.979	56	6293	1.32	ug/l #	20
38) Carbon Tetrachloride	7.985	117	26676	5.68	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	127034	45.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	127034	106.18	ug/l #	16

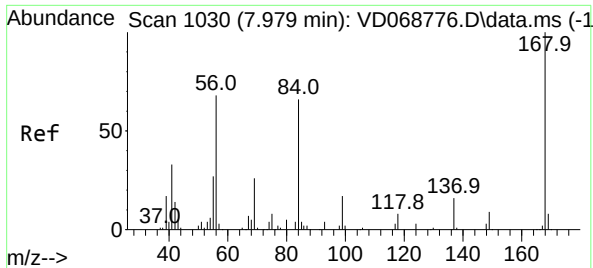
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069027.D
Acq On : 29 Apr 2021 19:23
Operator : VA/SY
Sample : M2217-12
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Apr 30 02:58:15 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

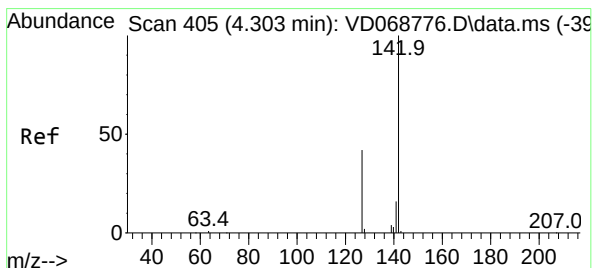
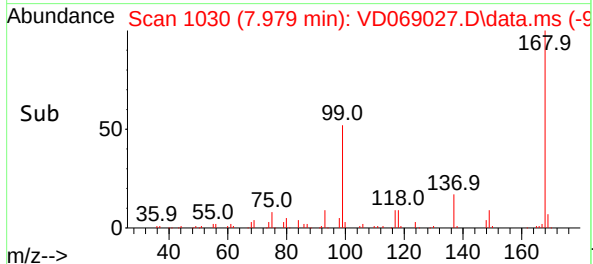
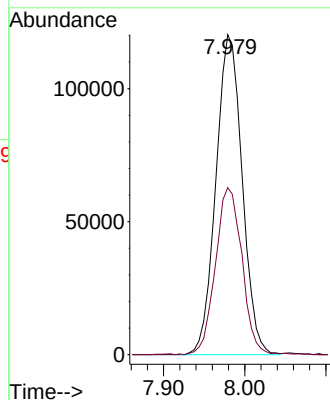
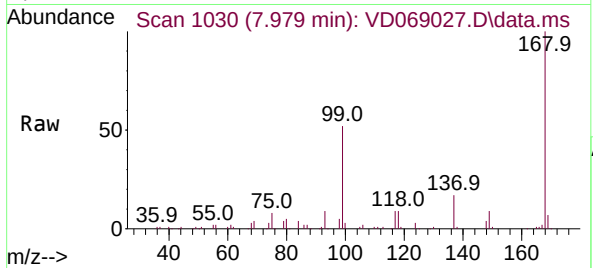




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

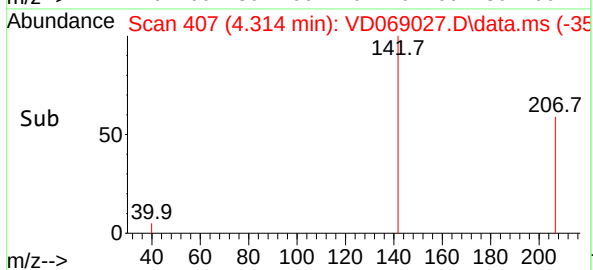
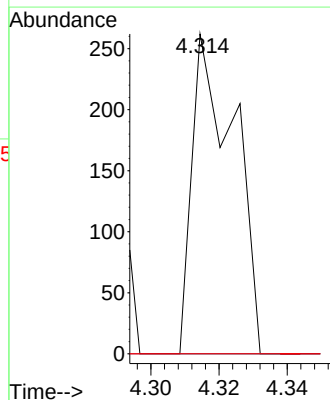
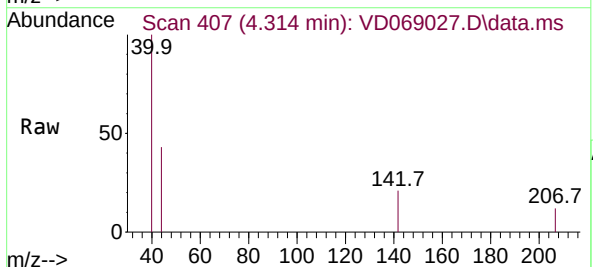
Instrument :
MSVOA_D
ClientSampled :

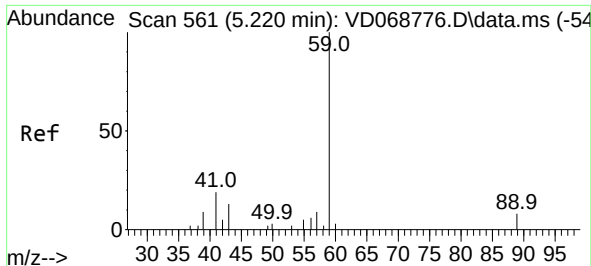
Tgt Ion:168 Resp: 270660
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.31 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion:142 Resp: 225
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

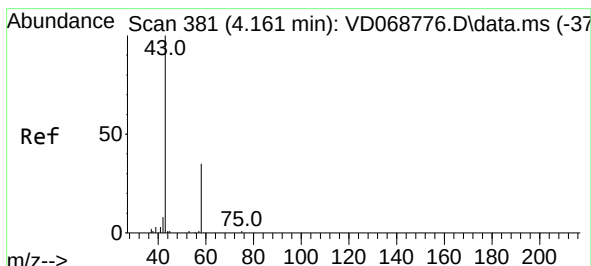
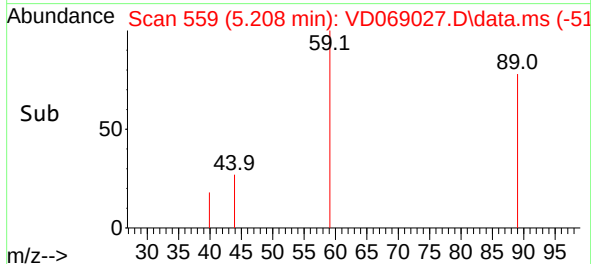
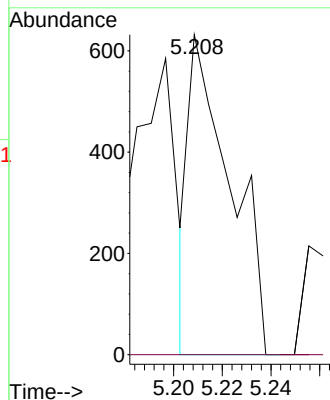
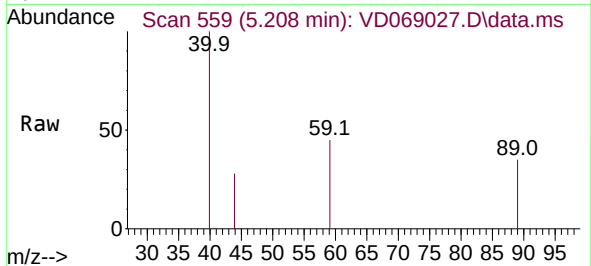




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

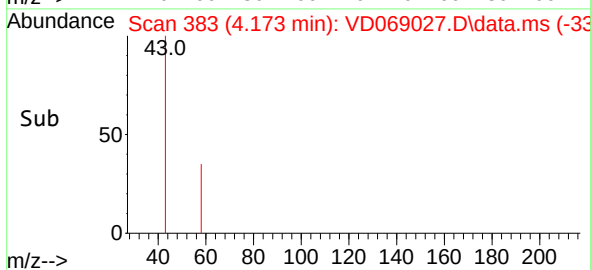
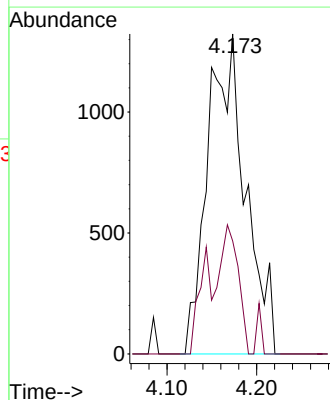
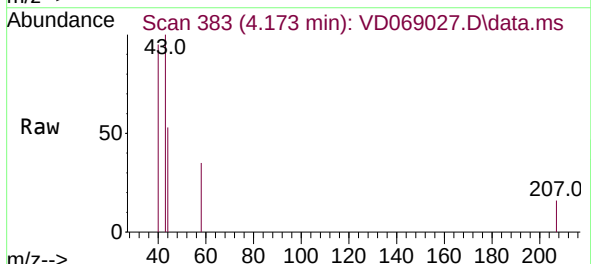
Instrument :
MSVOA_D
ClientSampled :

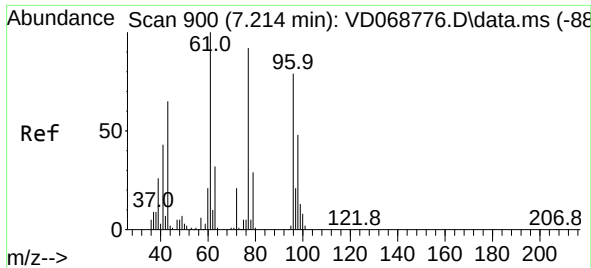
Tgt Ion: 59 Resp: 754
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.72 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion: 43 Resp: 3851
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

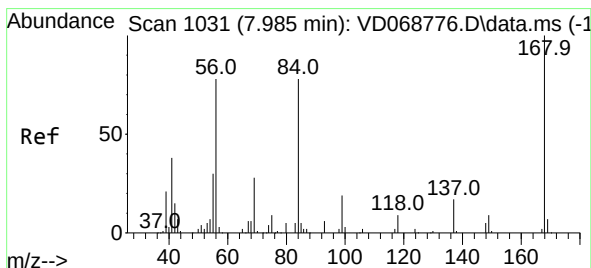
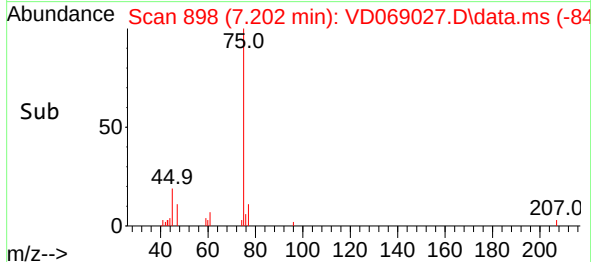
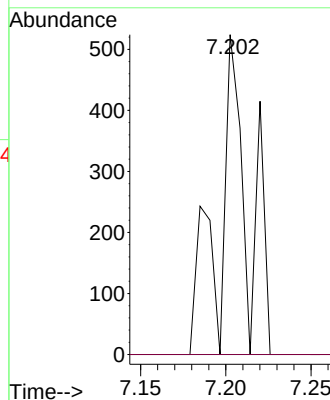
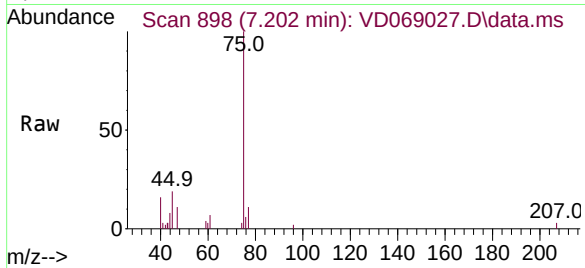




#25
2-Butanone
Concen: 1.12 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

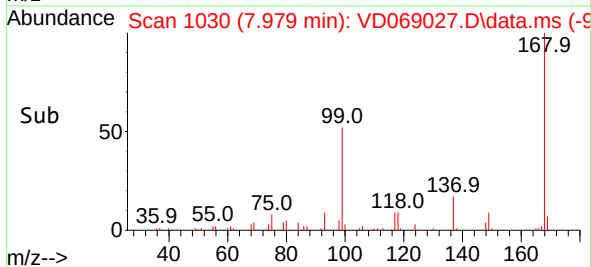
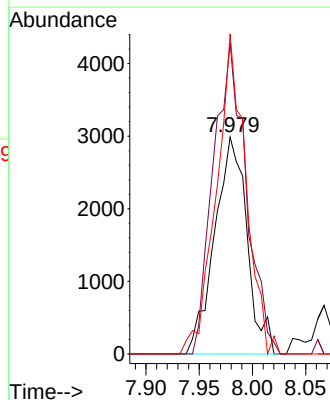
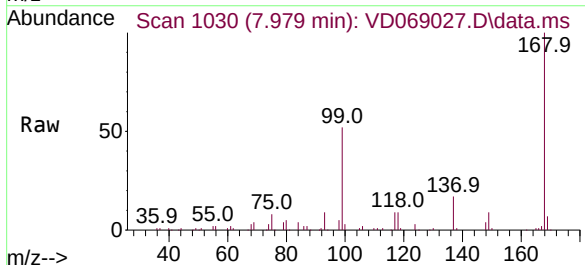
Instrument :
MSVOA_D
ClientSampled :

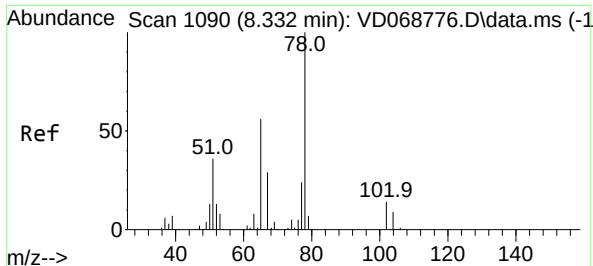
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion: 56 Resp: 6293
Ion Ratio Lower Upper
56 100
69 143.3 30.0 45.0#
84 147.6 82.0 123.0#

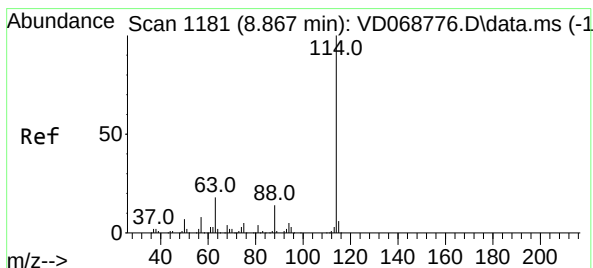
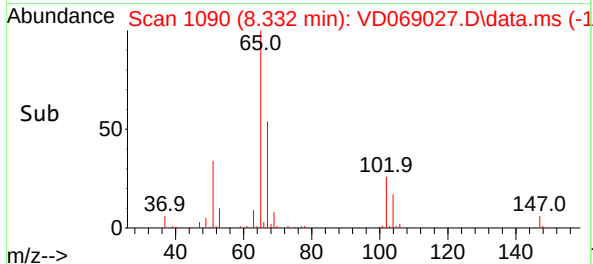
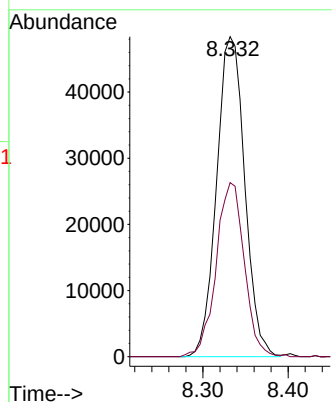
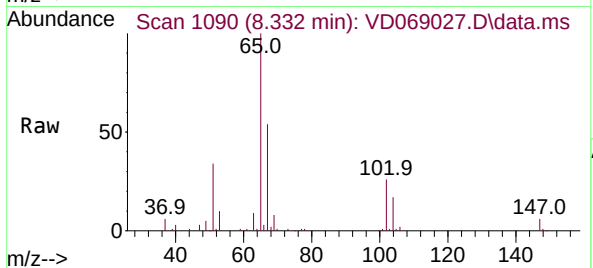




#33
1,2-Dichloroethane-d4
Concen: 38.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

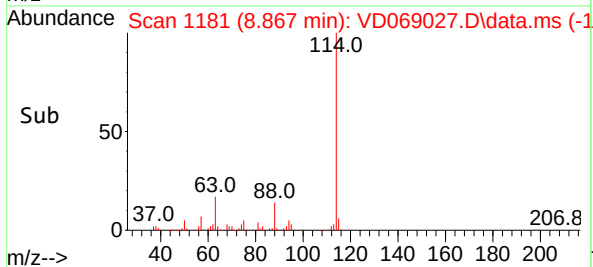
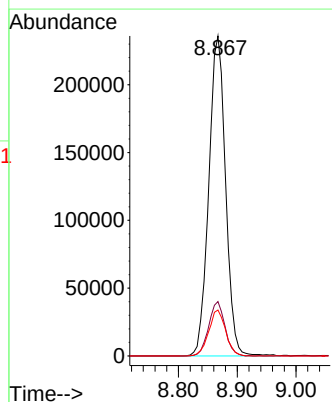
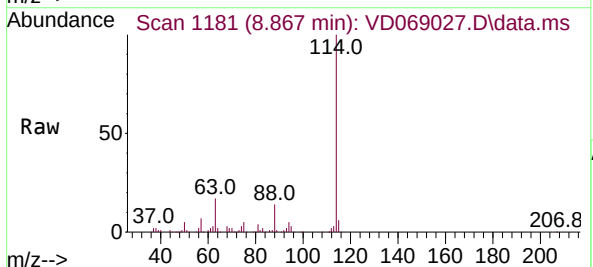
Instrument :
MSVOA_D
ClientSampleId :

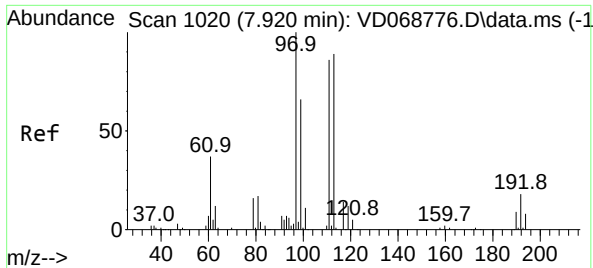
Tgt Ion: 65 Resp: 111006
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion:114 Resp: 468785
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.3 0.0 29.4

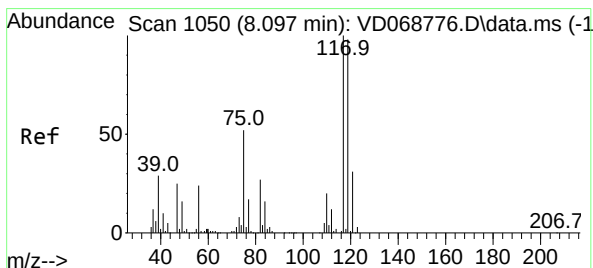
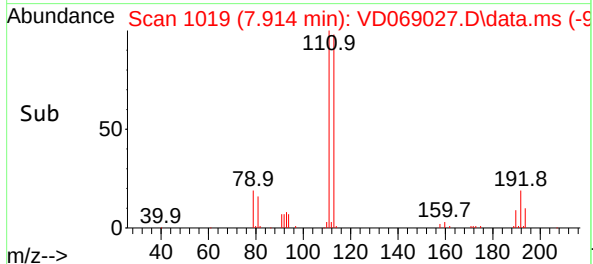
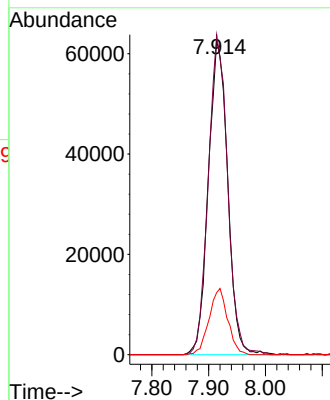
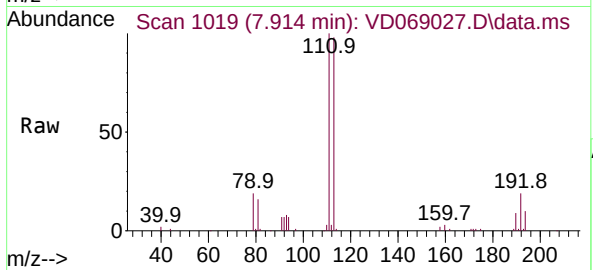




#35
Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

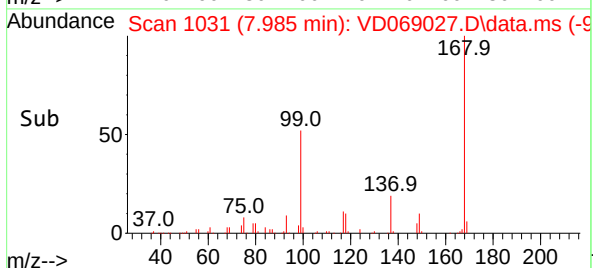
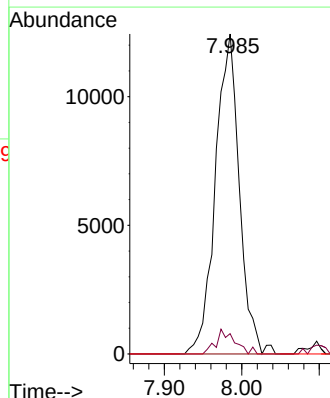
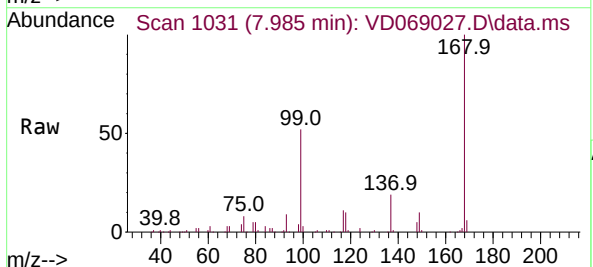
Instrument :
MSVOA_D
ClientSampleId :

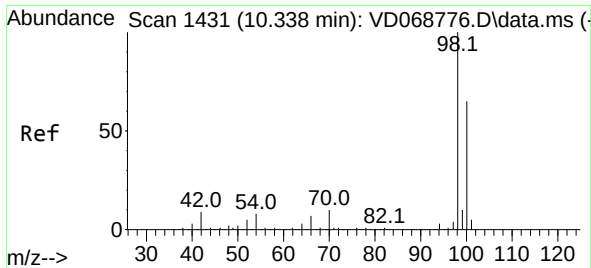
Tgt Ion:113	Resp:	147595
Ion Ratio	Lower	Upper
113	100	
111	101.7	82.5 123.7
192	20.4	15.1 22.7



#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion:117	Resp:	26676
Ion Ratio	Lower	Upper
117	100	
119	6.4	76.6 115.0#
121	0.0	26.1 39.1#

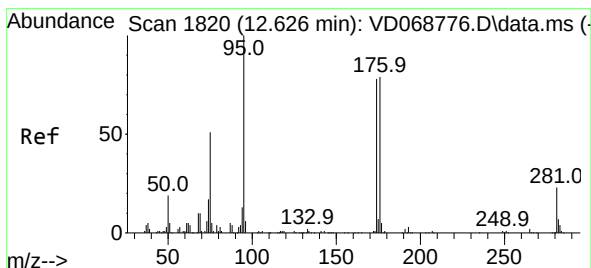
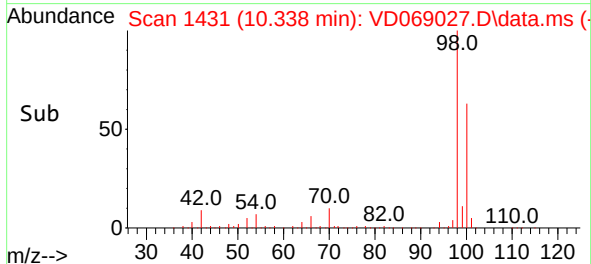
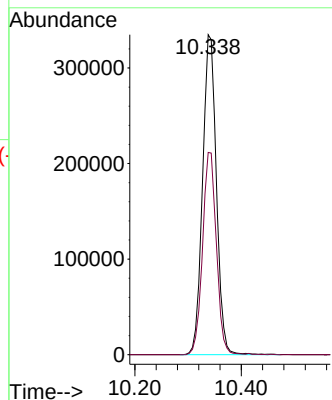
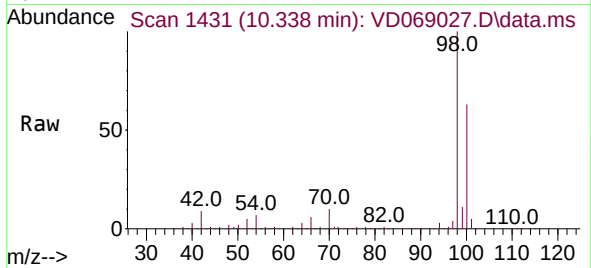




#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

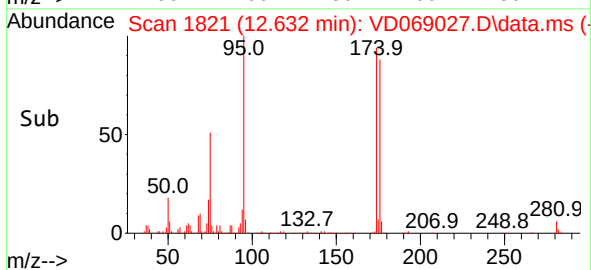
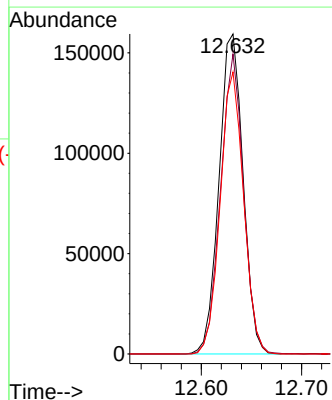
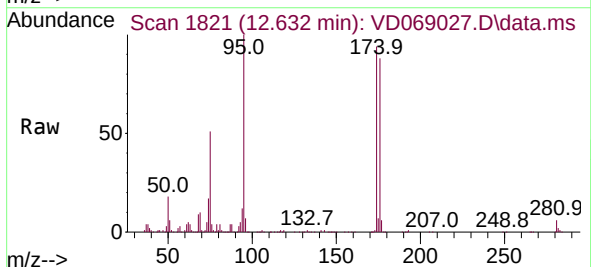
Instrument :
MSVOA_D
ClientSampleId :

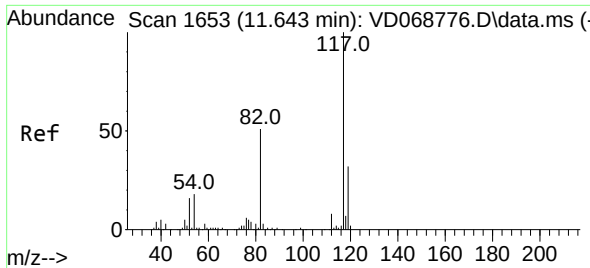
Tgt Ion: 98 Resp: 602231
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion: 95 Resp: 265177
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.0
176 85.7 0.0 160.2

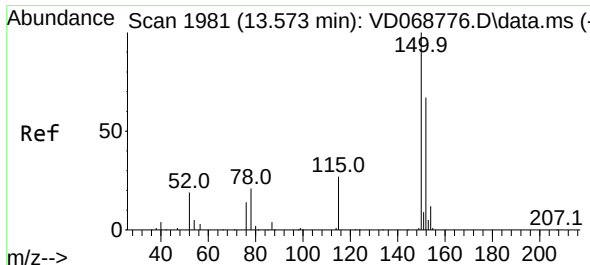
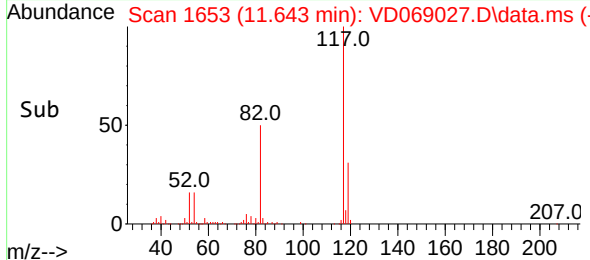
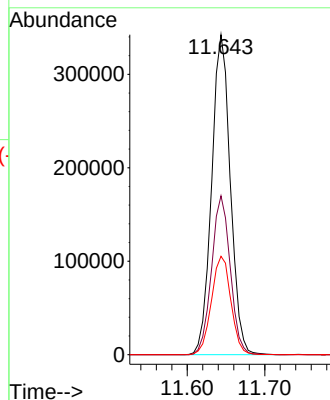
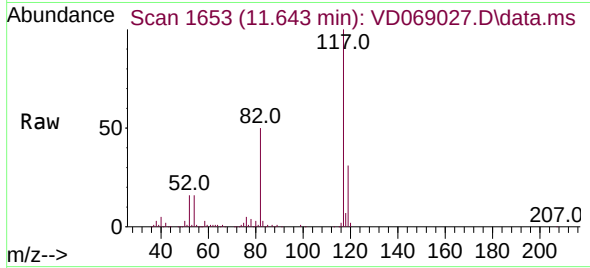




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

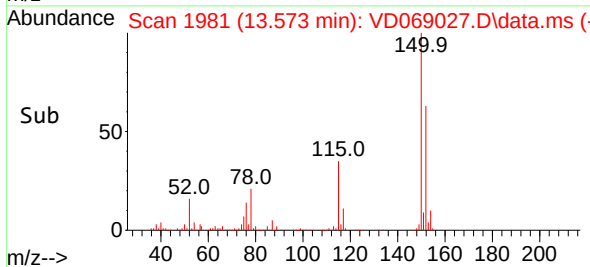
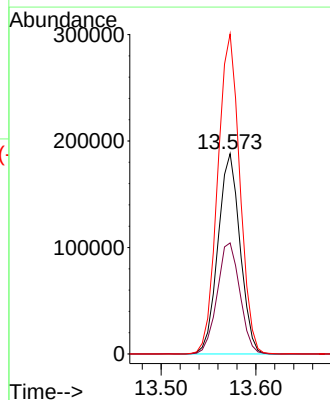
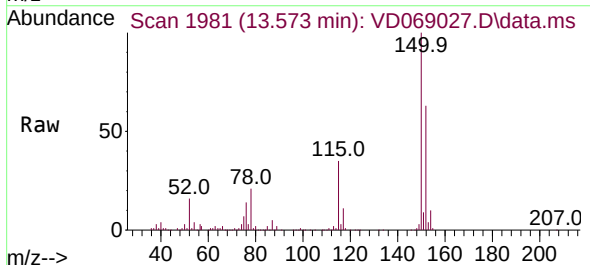
Instrument :
MSVOA_D
ClientSampleId :

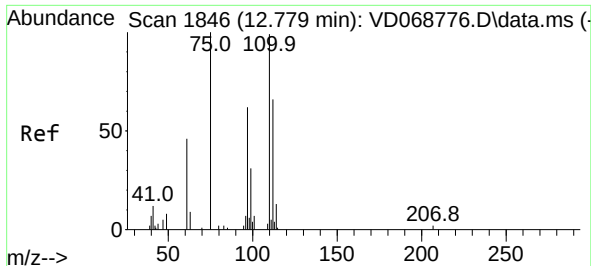
Tgt Ion:	117	Resp:	576591
Ion	Ratio	Lower	Upper
117	100		
82	49.6	43.5	65.3
119	30.7	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion:	152	Resp:	303915
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.3	87.8
150	160.2	0.0	347.6

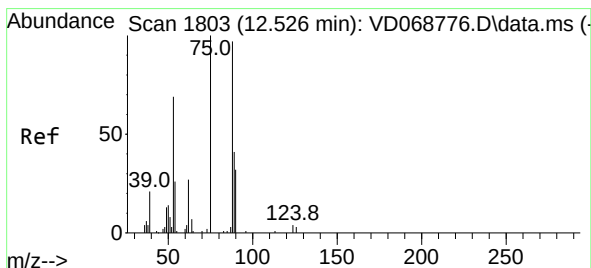
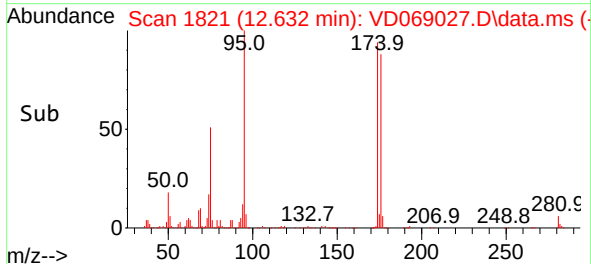
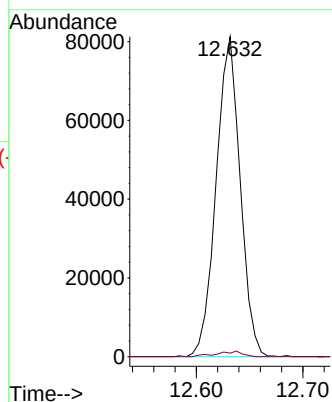
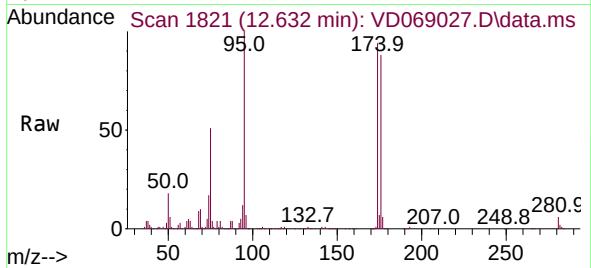




#76
1,2,3-Trichloropropane
Concen: 45.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 127034
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069027.D
Acq: 29 Apr 2021 19:23

Tgt Ion: 75 Resp: 127034
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

