

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069019.D
 Acq On : 29 Apr 2021 15:37
 Operator : VA/SY
 Sample : M2218-02
 Misc : 5.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:56:48 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)

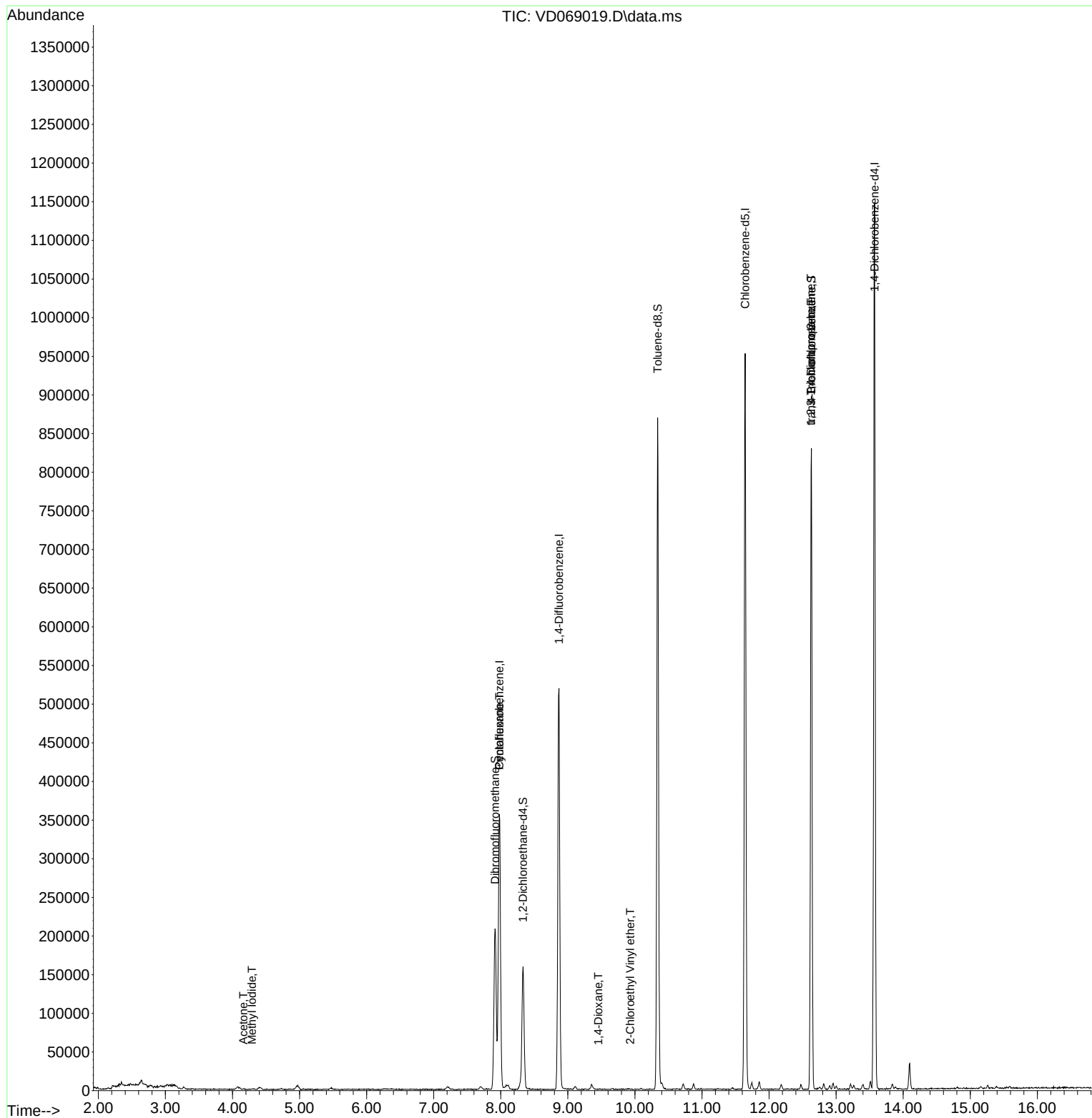
Internal Standards						
1) Pentafluorobenzene	7.979	168	280567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	480543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	587098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	122098	41.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.36%		
35) Dibromofluoromethane	7.914	113	152309	48.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.46%		
50) Toluene-d8	10.337	98	598854	50.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.58%		
62) 4-Bromofluorobenzene	12.631	95	270391	69.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	138.10%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	599	2.41	ug/l #	53
16) Acetone	4.161	43	702	1.71	ug/l #	40
20) Methylene Chloride	4.961	84	4130	Below Cal	#	74
31) Cyclohexane	7.979	56	7357	1.49	ug/l #	63
49) 1,4-Dioxane	9.455	88	61	3.04	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.932	63	55	17.03	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	129788	44.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	129788	104.29	ug/l #	16

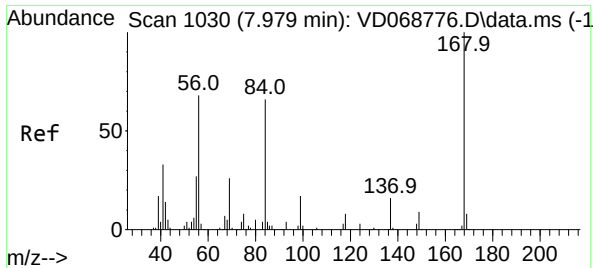
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

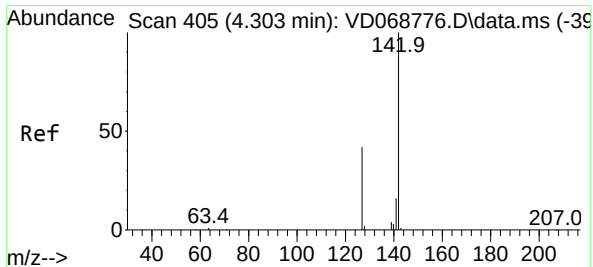
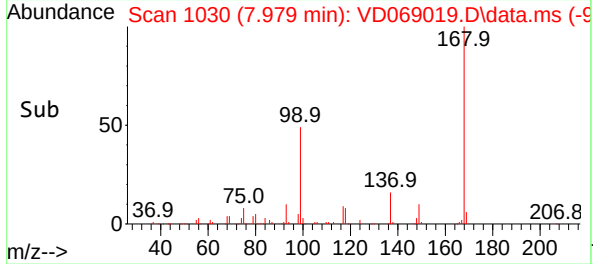
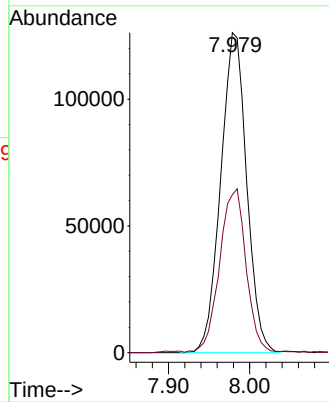
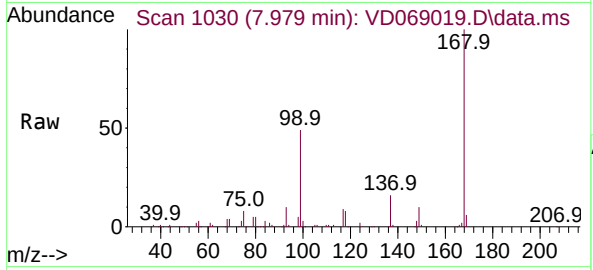




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

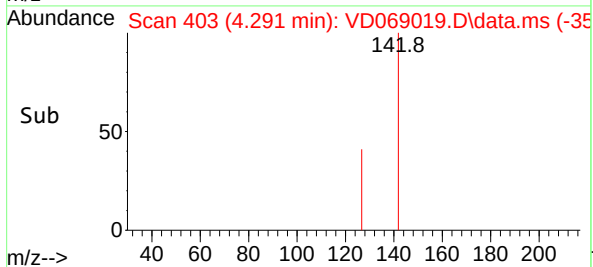
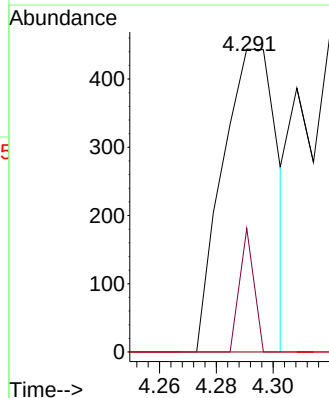
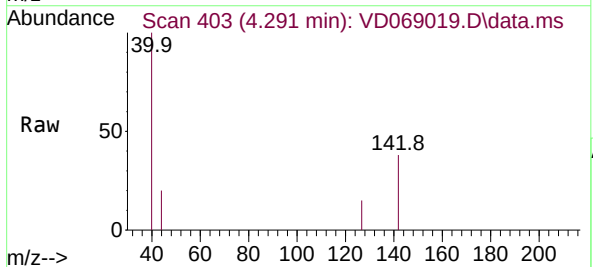
Instrument :
MSVOA_D
ClientSampleId :

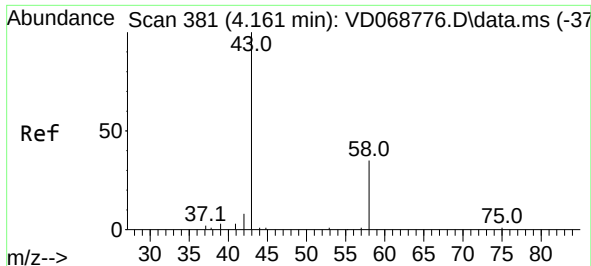
Tgt Ion:168 Resp: 280567
Ion Ratio Lower Upper
168 100
99 49.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.41 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion:142 Resp: 599
Ion Ratio Lower Upper
142 100
127 10.7 34.7 52.1#
141 0.0 11.0 16.4#

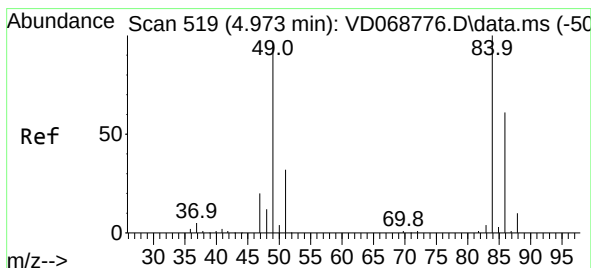
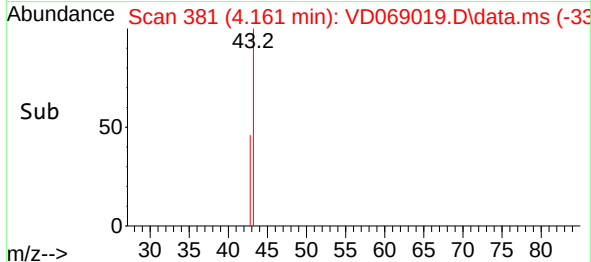
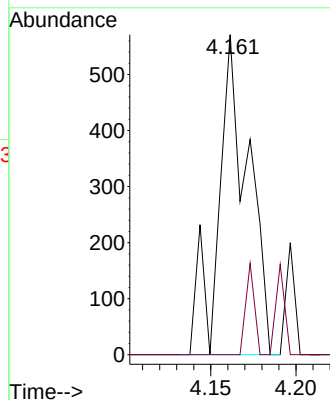
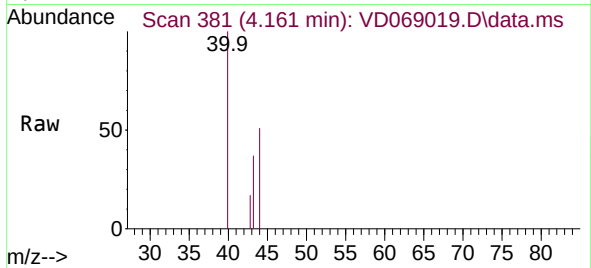




#16
Acetone
Concen: 1.71 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

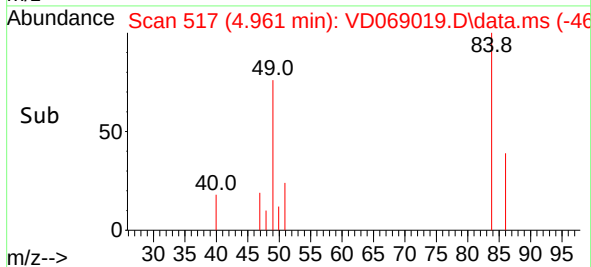
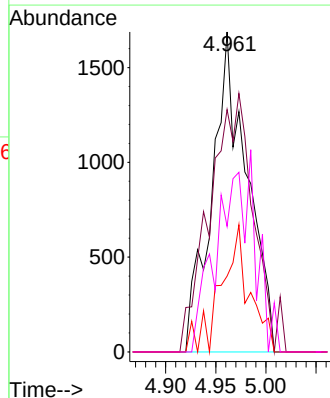
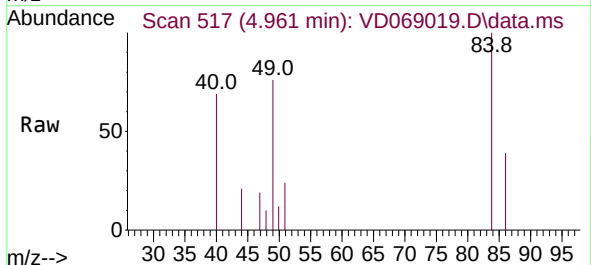
Instrument :
MSVOA_D
ClientSampleId :

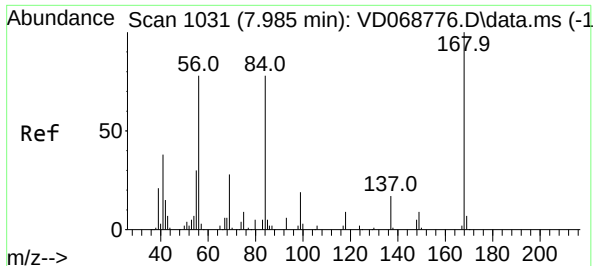
Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 84 Resp: 4130
Ion Ratio Lower Upper
84 100
49 75.8 83.4 125.0#
51 23.7 23.4 35.2
86 39.2 51.0 76.4#

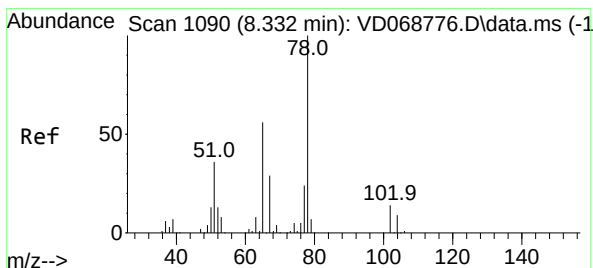
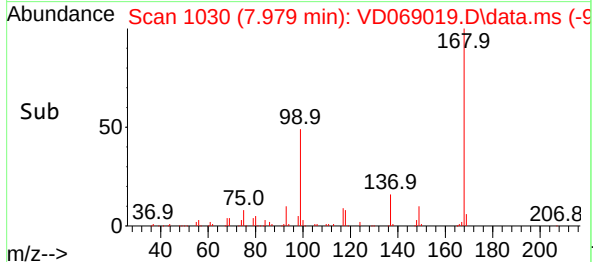
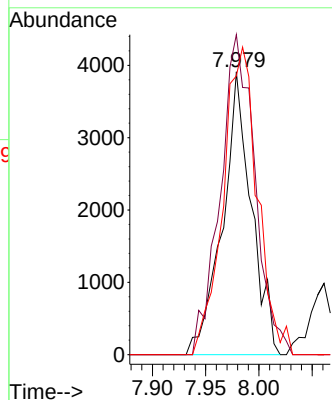
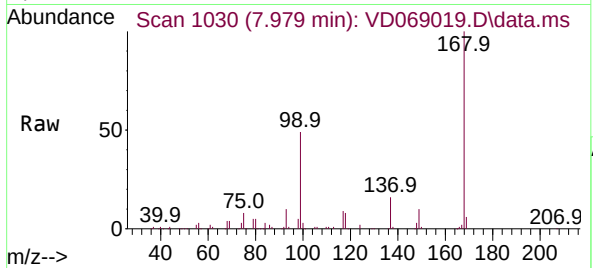




#31
Cyclohexane
Concen: 1.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

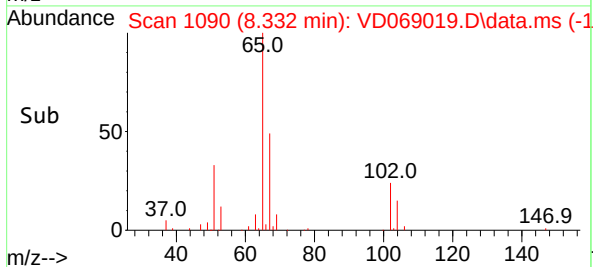
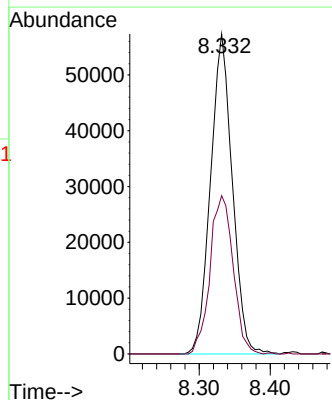
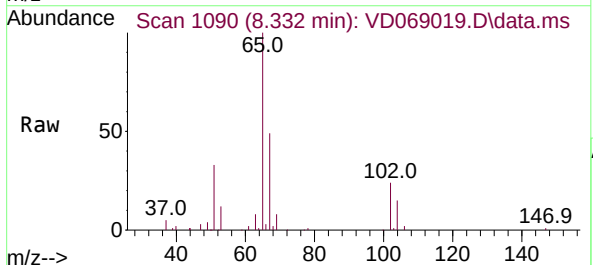
Instrument :
MSVOA_D
ClientSampleId :

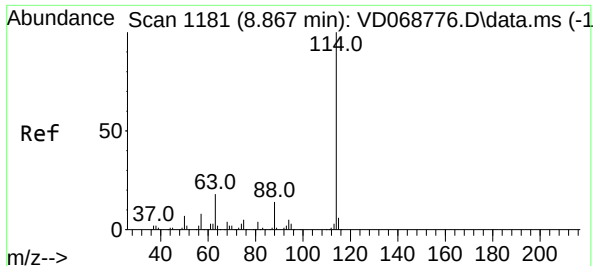
Tgt Ion: 56 Resp: 7357
Ion Ratio Lower Upper
56 100
69 113.1 30.0 45.0#
84 98.5 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 65 Resp: 122098
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0



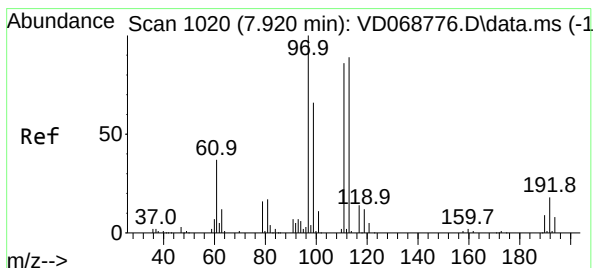
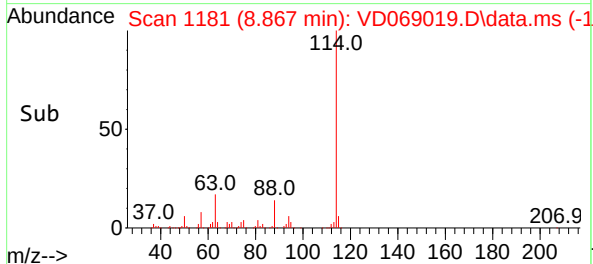
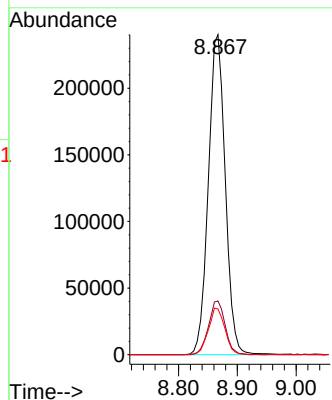
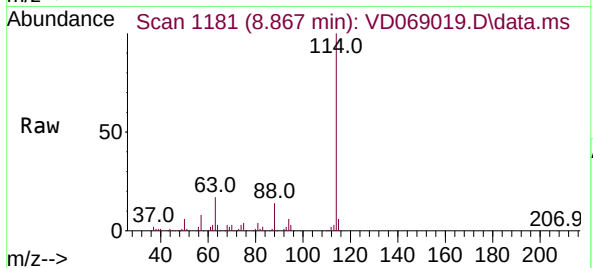


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Instrument :
MSVOA_D
ClientSampled :

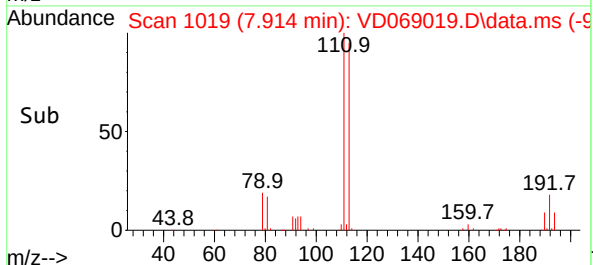
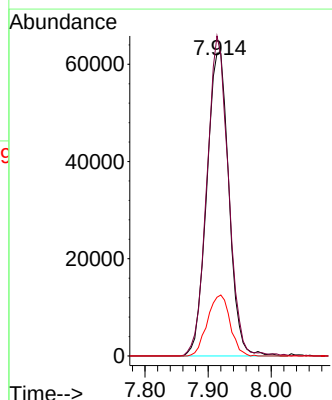
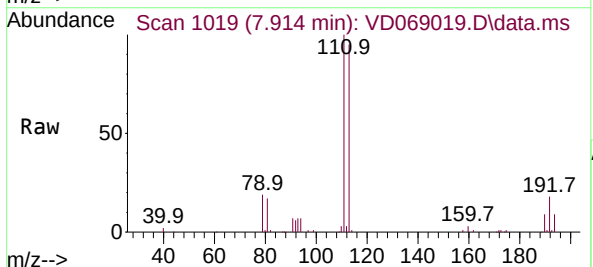
Tgt Ion:114 Resp: 480543
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.2
88 14.3 0.0 29.4

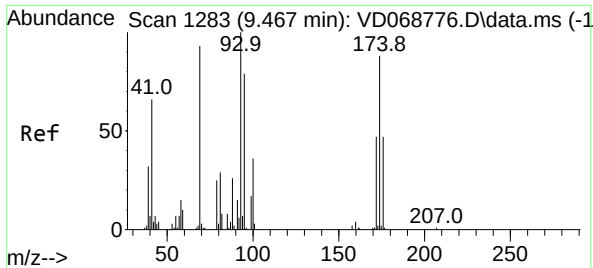


#35

Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion:113 Resp: 152309
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 20.5 15.1 22.7

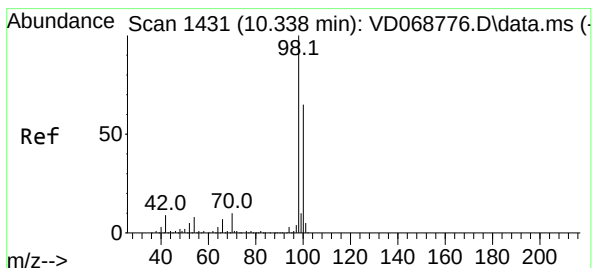
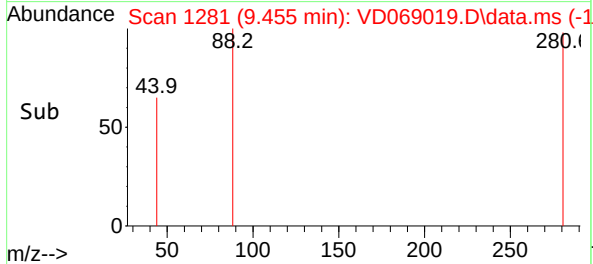
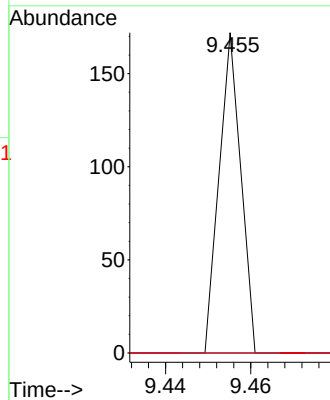
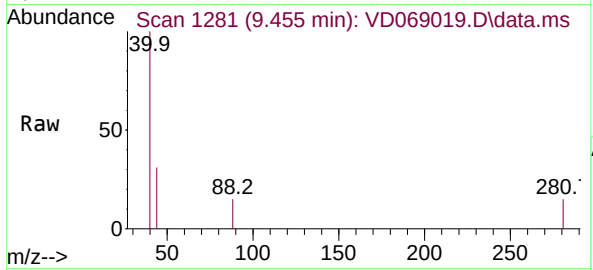




#49
1,4-Dioxane
Concen: 3.04 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

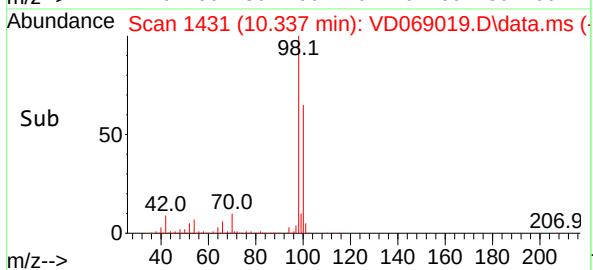
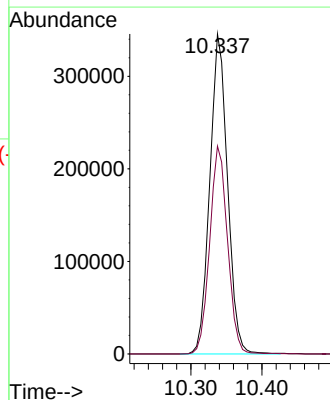
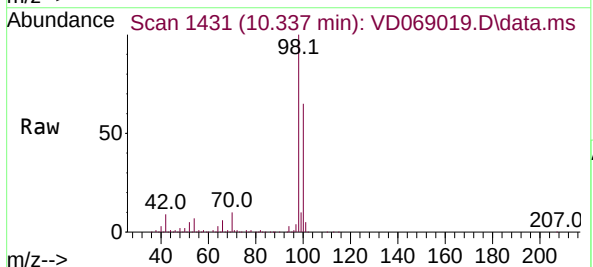
Instrument :
MSVOA_D
ClientSampleId :

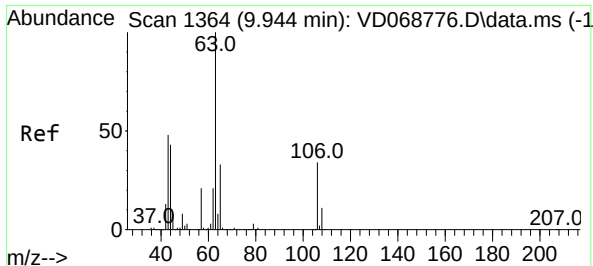
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 0.0 54.0 81.0#



#50
Toluene-d8
Concen: 50.79 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 98 Resp: 598854
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

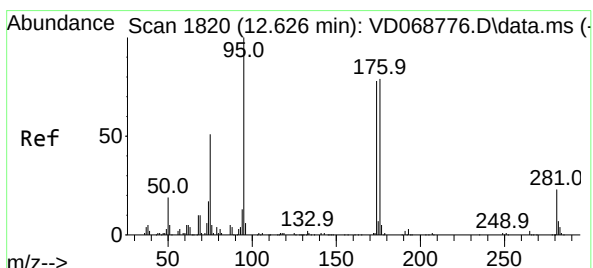
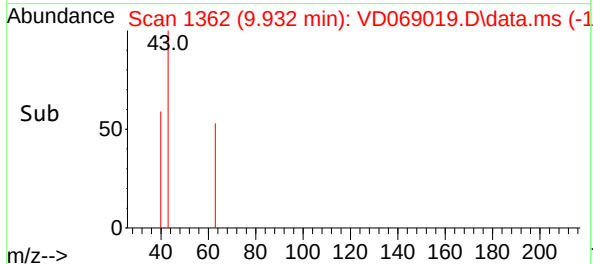
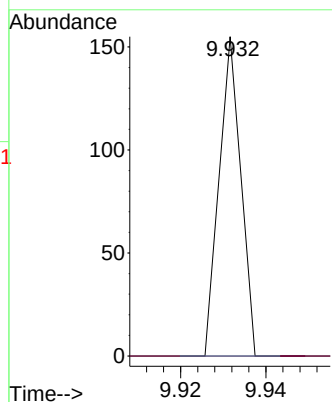
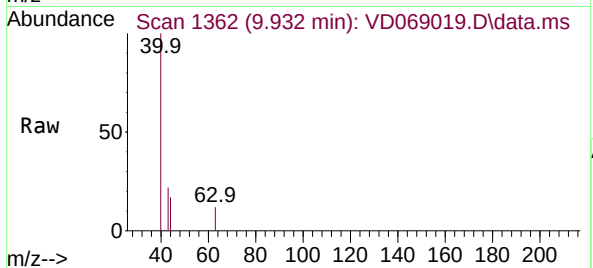




#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.012 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

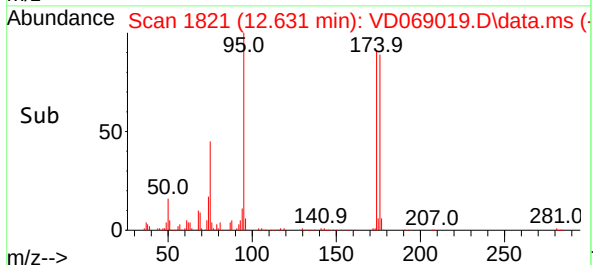
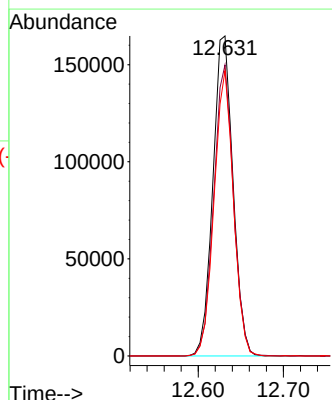
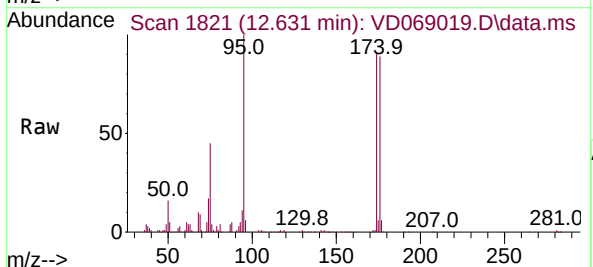
Instrument :
MSVOA_D
ClientSampleId :

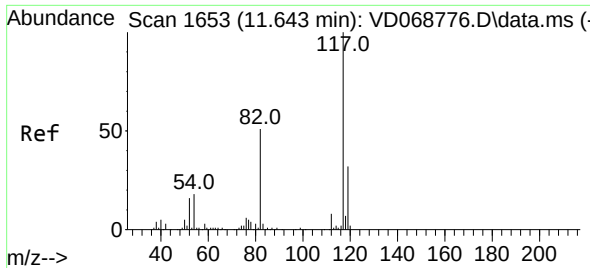
Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 69.05 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 95 Resp: 270391
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 85.5 0.0 160.2

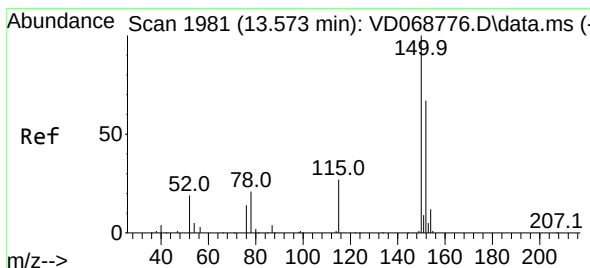
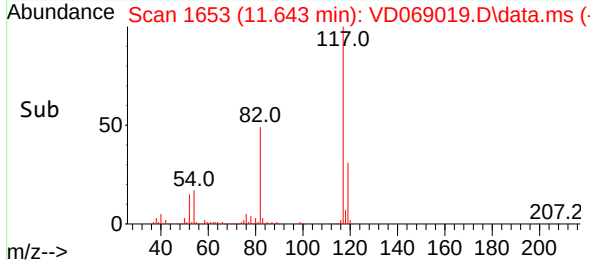
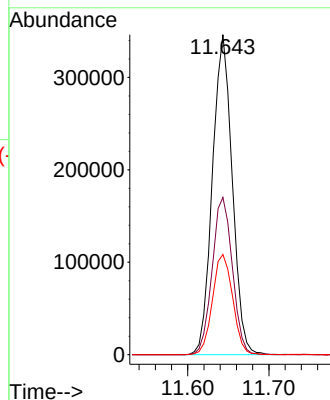
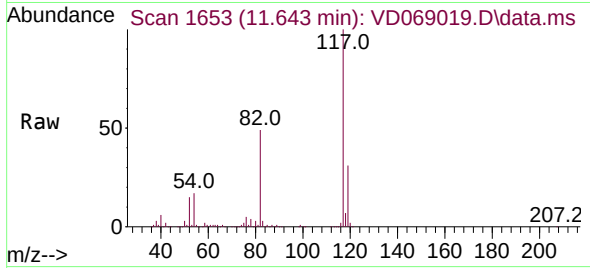




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

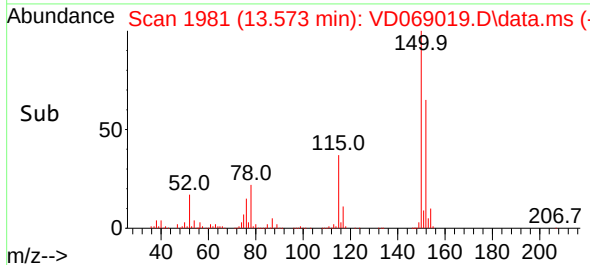
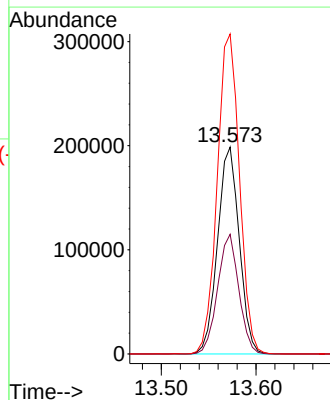
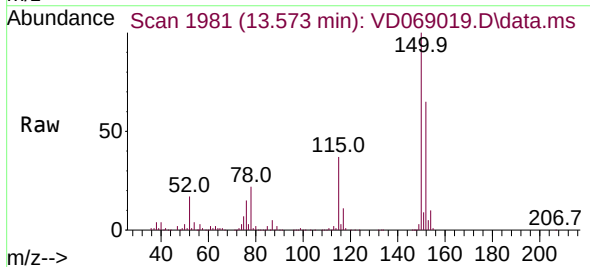
Instrument :
MSVOA_D
ClientSampleId :

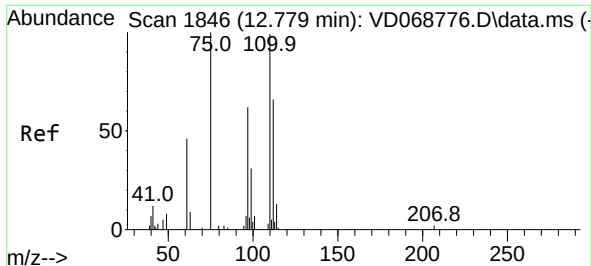
Tgt Ion:	117	Resp:	587098
Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.5	65.3
119	31.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion:	152	Resp:	316131
Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.3	87.8
150	158.7	0.0	347.6

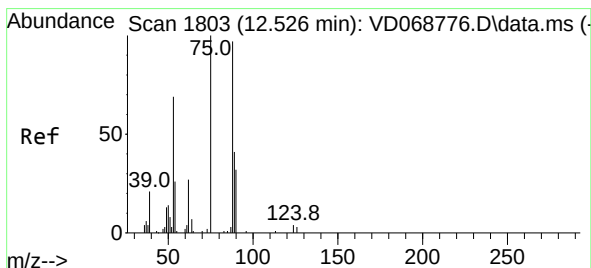
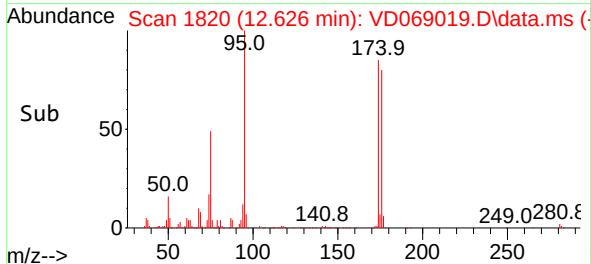
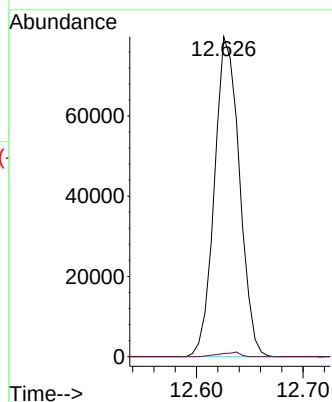
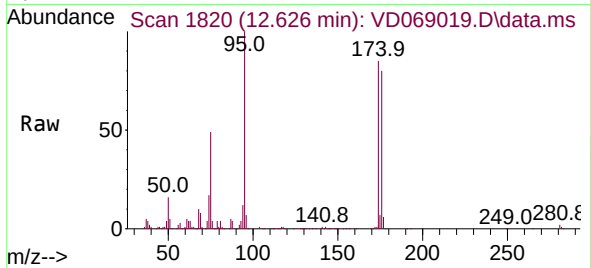




#76
1,2,3-Trichloropropane
Concen: 44.94 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 129788
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.29 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 75 Resp: 129788
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

