

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069033.D
 Acq On : 29 Apr 2021 22:13
 Operator : VA/SY
 Sample : M2227-01
 Misc : 6.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:59:04 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)

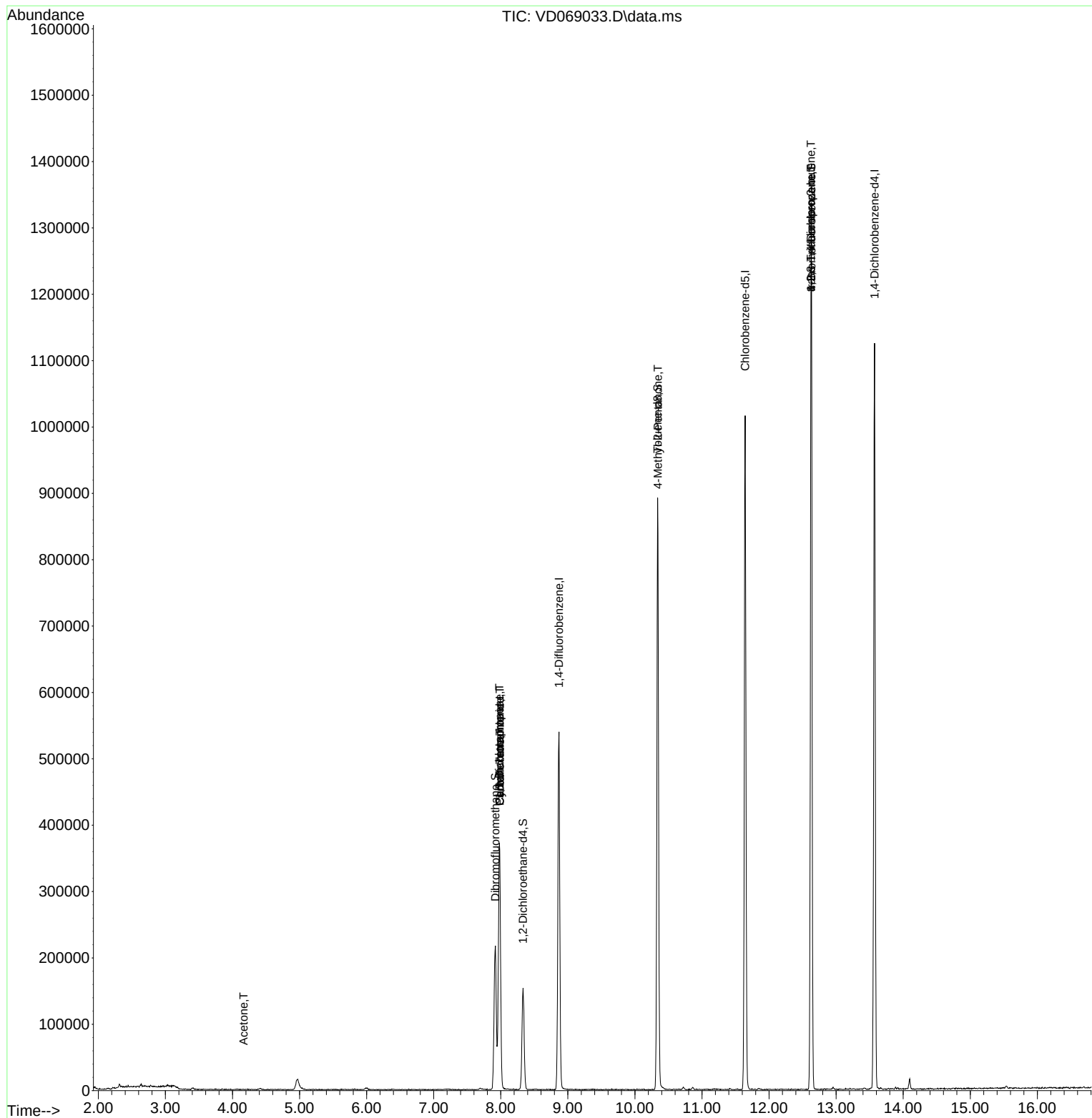
Internal Standards						
1) Pentafluorobenzene	7.985	168	292557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	488070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	609048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120634	39.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.04%		
35) Dibromofluoromethane	7.920	113	156567	49.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.64%		
50) Toluene-d8	10.337	98	624544	52.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.30%		
62) 4-Bromofluorobenzene	12.631	95	283890	71.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	142.74%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	133	Below Cal	#	73
16) Acetone	4.167	43	461	1.08 ug/l	#	40
20) Methylene Chloride	4.961	84	13675	Below Cal	#	79
31) Cyclohexane	7.985	56	5859	1.14 ug/l	#	47
36) 1,1-Dichloropropene	7.979	75	21244	4.30 ug/l	#	49
38) Carbon Tetrachloride	7.985	117	26885	5.50 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.343	43	1999	1.34 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	143734	50.70 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	143734	117.65 ug/l	#	16

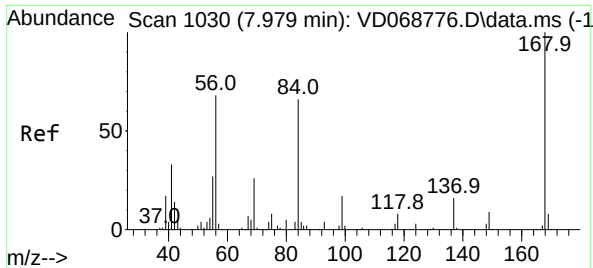
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
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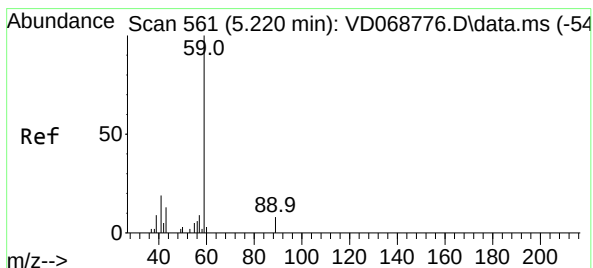
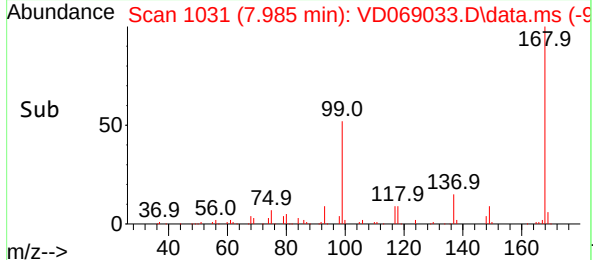
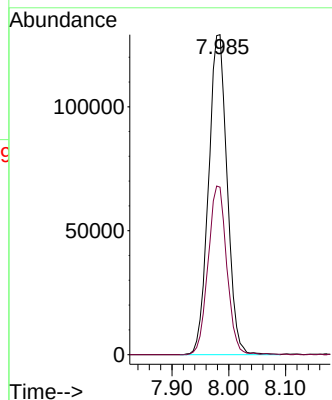
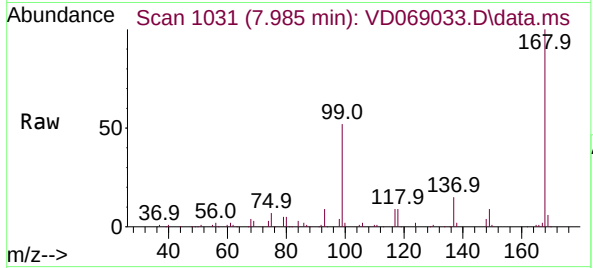




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

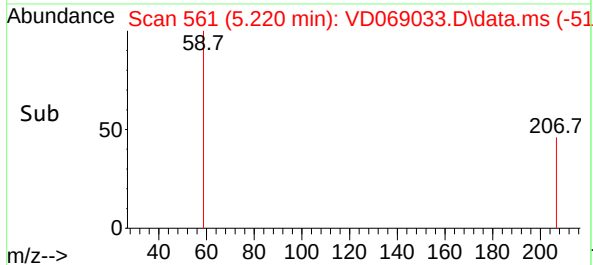
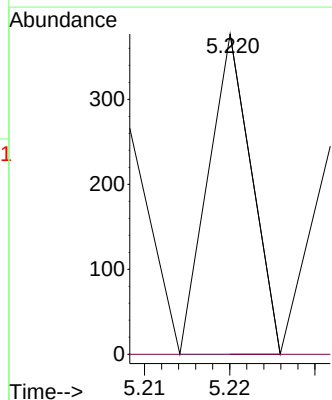
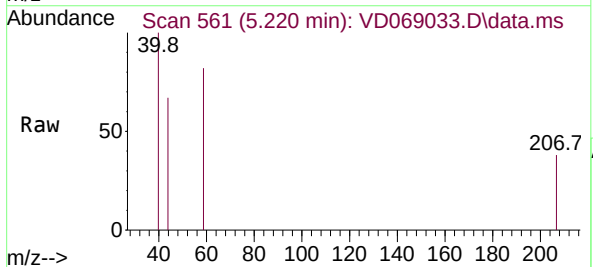
Instrument :
MSVOA_D
ClientSampleId :

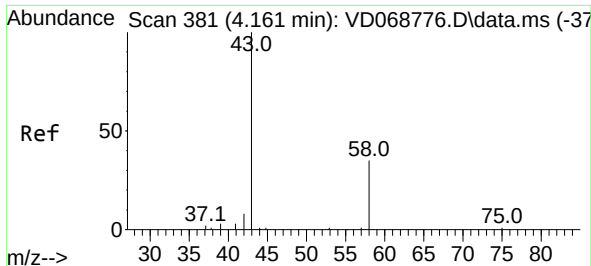
Tgt Ion:168 Resp: 292557
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

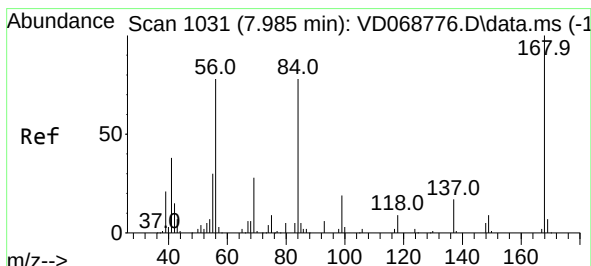
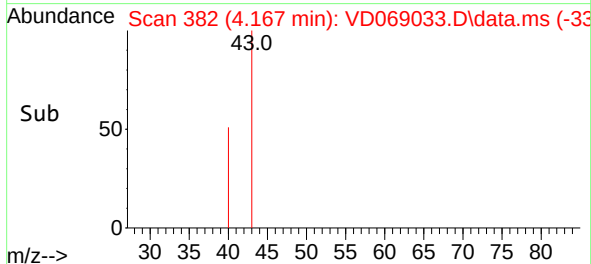
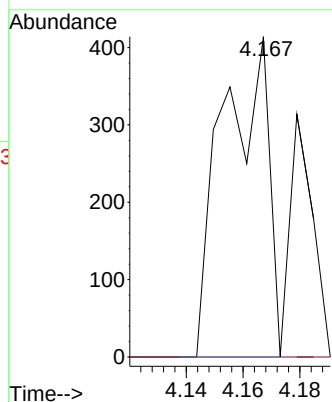
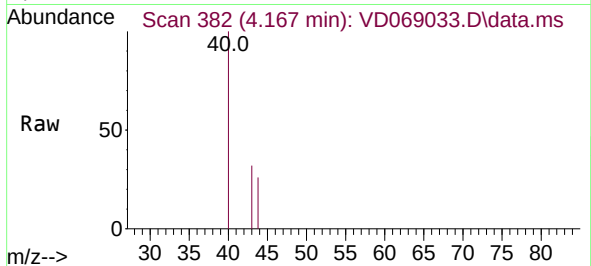




#16
Acetone
Concen: 1.08 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

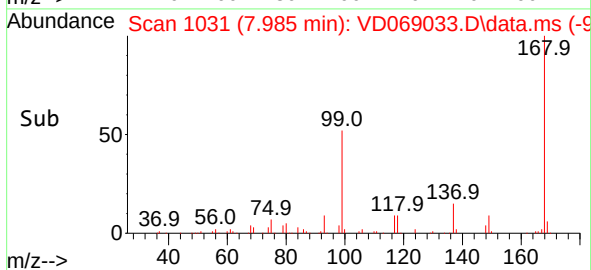
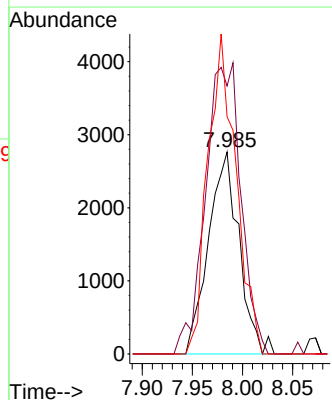
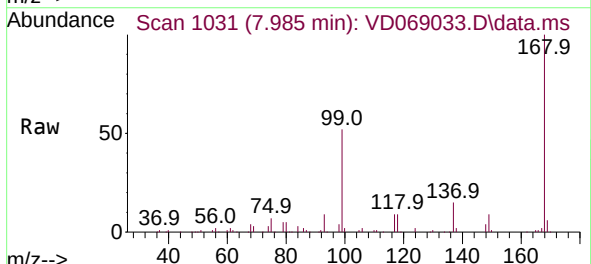
Instrument :
MSVOA_D
ClientSampled :

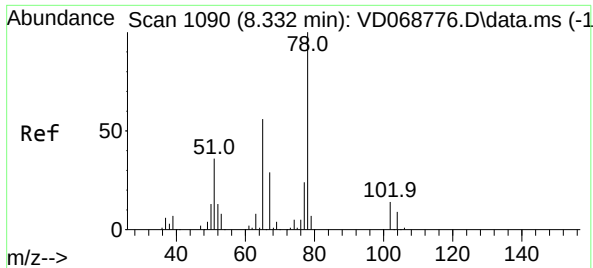
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 56 Resp: 5859
Ion Ratio Lower Upper
56 100
69 132.7 30.0 45.0#
84 117.5 82.0 123.0

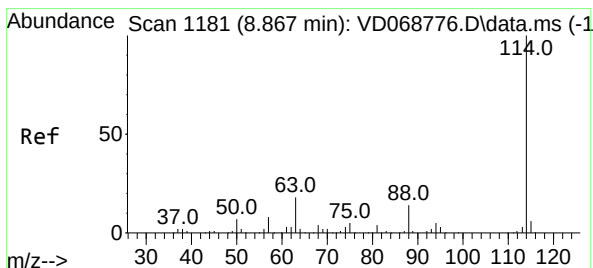
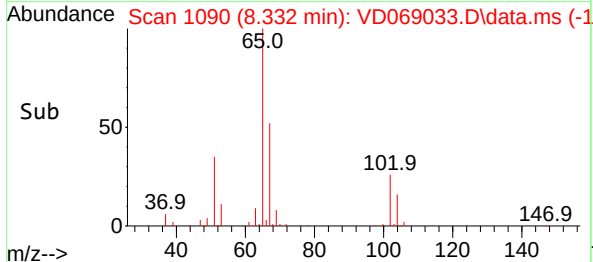
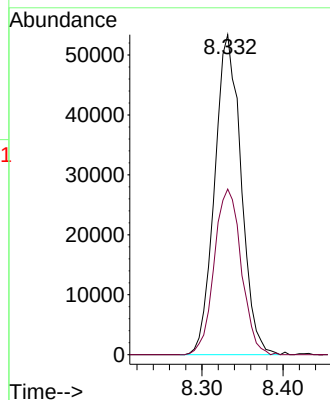
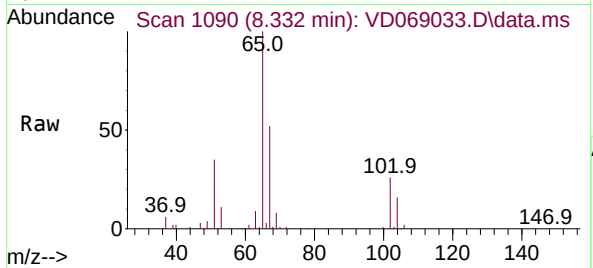




#33
1,2-Dichloroethane-d4
Concen: 39.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

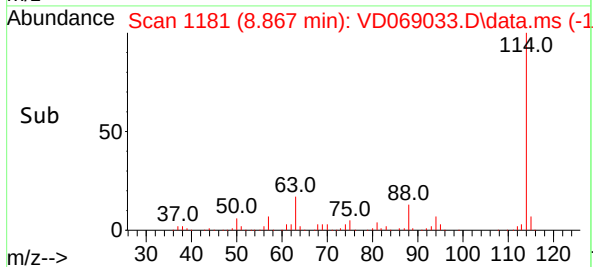
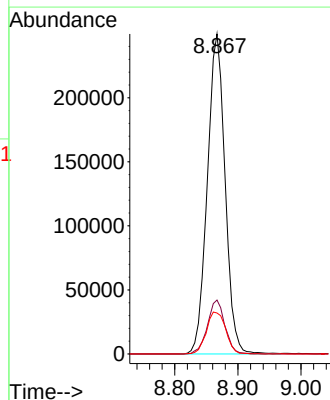
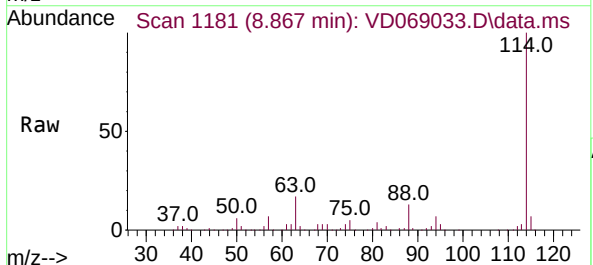
Instrument :
MSVOA_D
ClientSampleId :

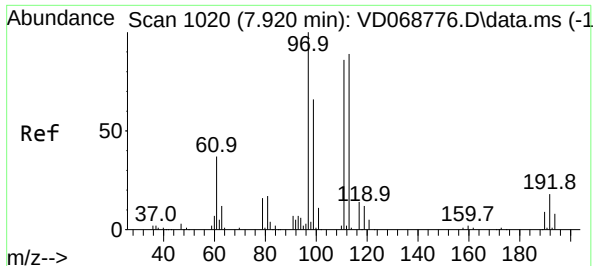
Tgt Ion: 65 Resp: 120634
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 114 Resp: 488070
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 12.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 7.920 min Scan# 1020

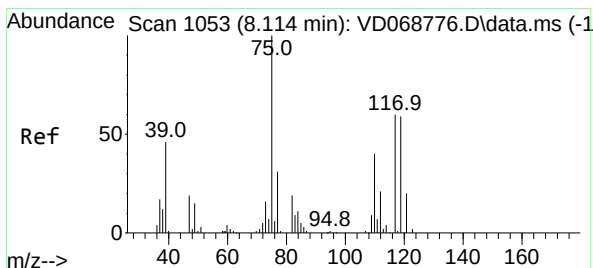
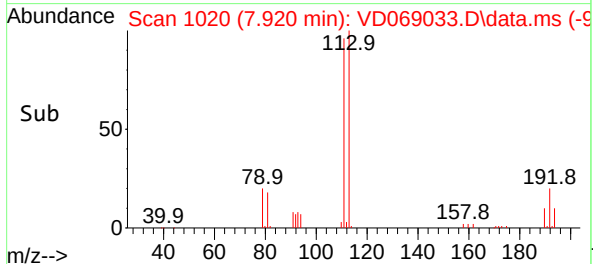
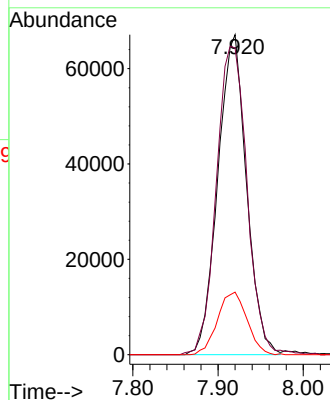
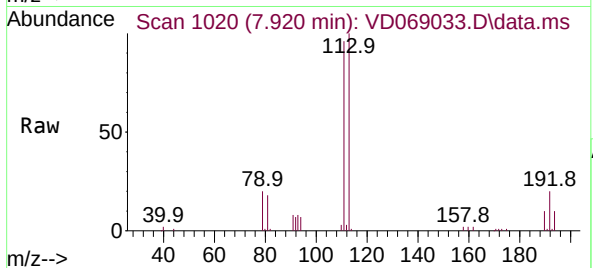
Delta R.T. -0.000 min

Lab File: VD069033.D

Acq: 29 Apr 2021 22:13

Tgt Ion:	113	Resp:	156567
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.5	123.7
192	20.2	15.1	22.7

Instrument :
MSVOA_D
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.30 ug/l

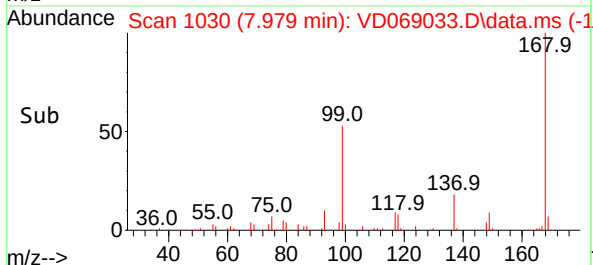
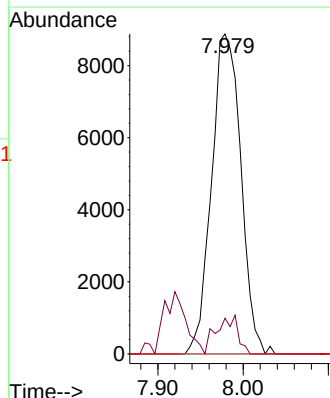
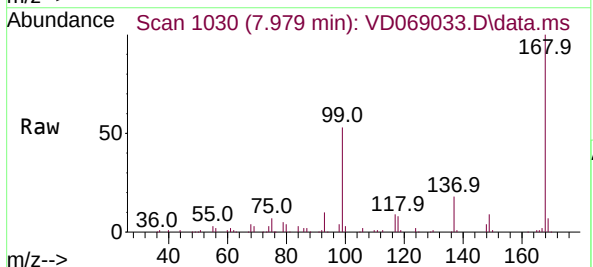
RT: 7.979 min Scan# 1030

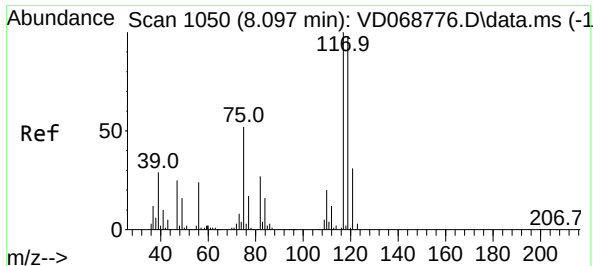
Delta R.T. -0.135 min

Lab File: VD069033.D

Acq: 29 Apr 2021 22:13

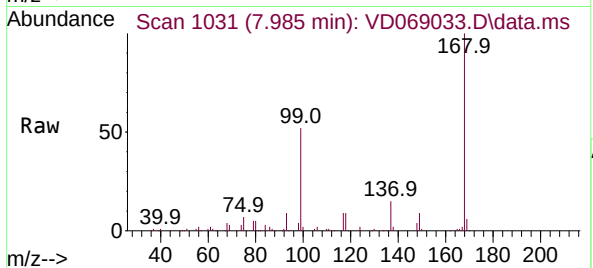
Tgt Ion:	75	Resp:	21244
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.7	37.1#



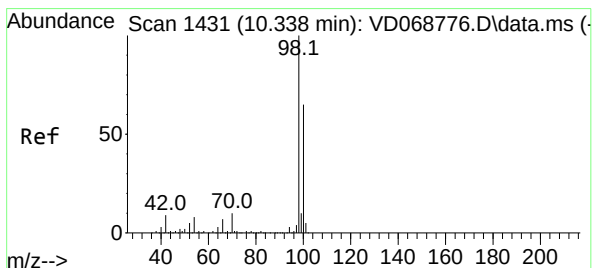
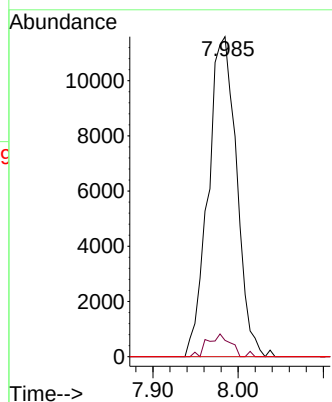
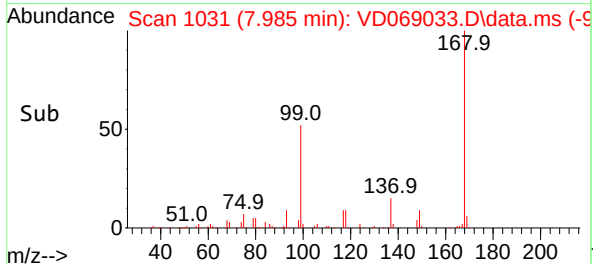


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Instrument :
MSVOA_D
ClientSampled :

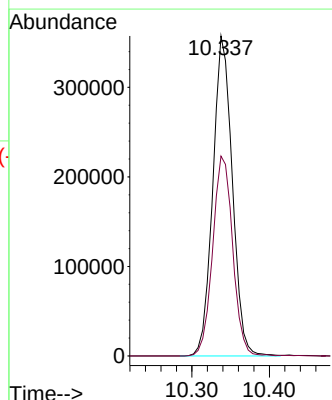
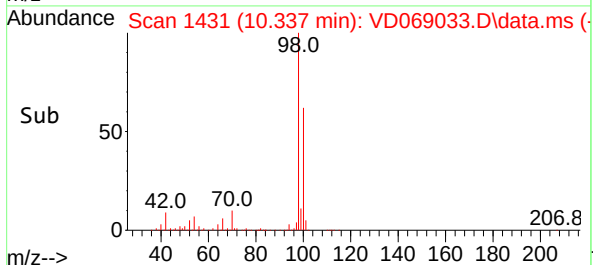
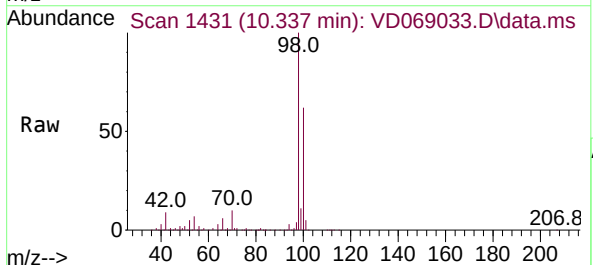


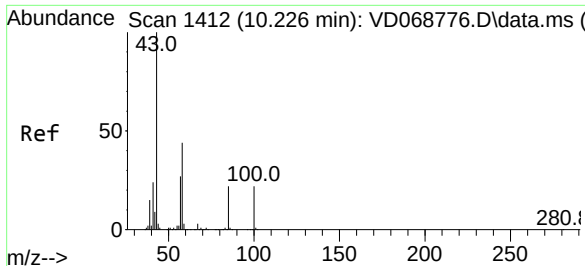
Tgt Ion:117 Resp: 26885
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 98 Resp: 624544
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

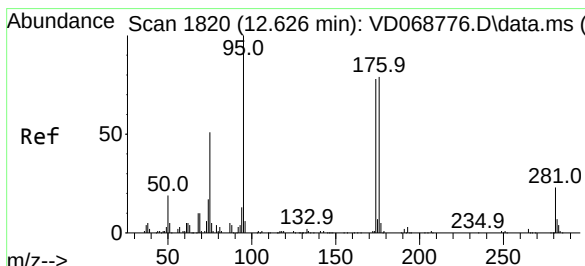
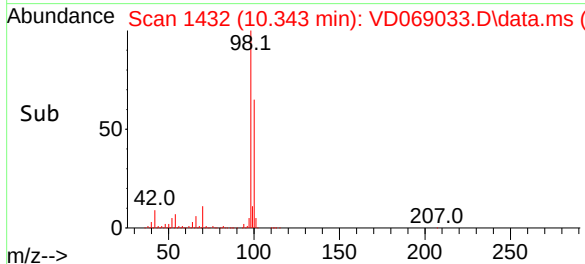
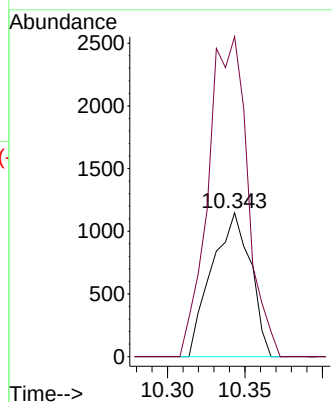
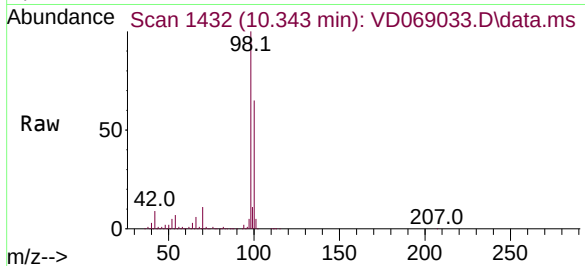




#51
4-Methyl-2-Pentanone
Concen: 1.34 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

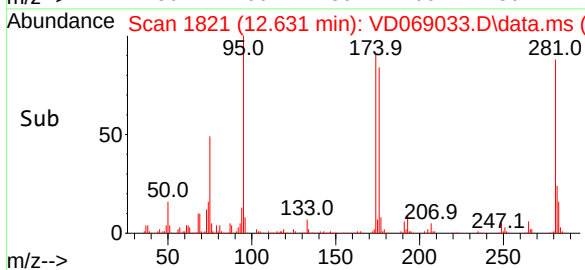
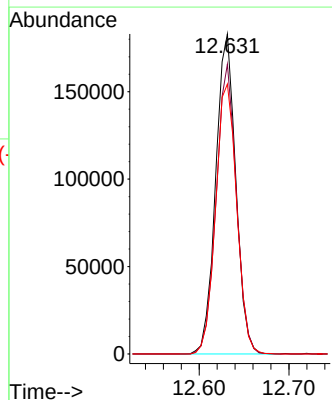
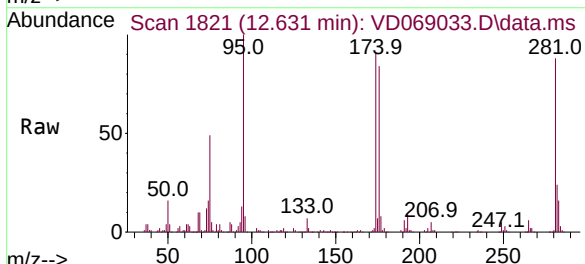
Instrument :
MSVOA_D
ClientSampled :

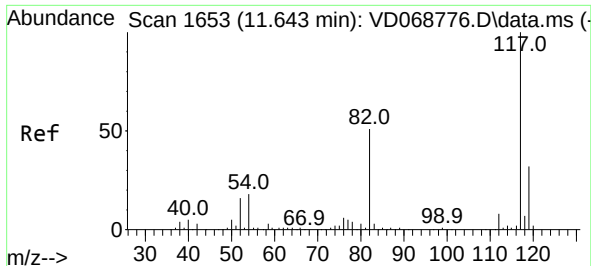
Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 225.8 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 71.37 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 95 Resp: 283890
Ion Ratio Lower Upper
95 100
174 90.7 0.0 168.0
176 88.6 0.0 160.2

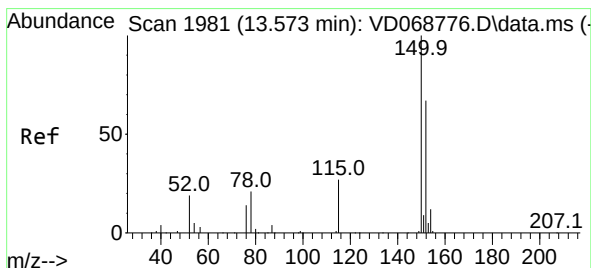
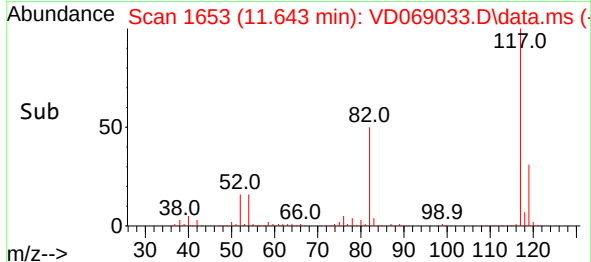
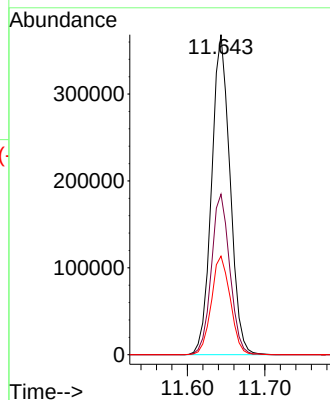
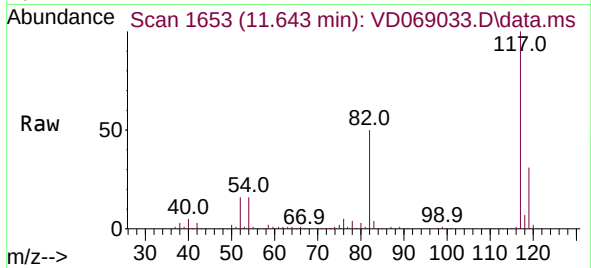




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

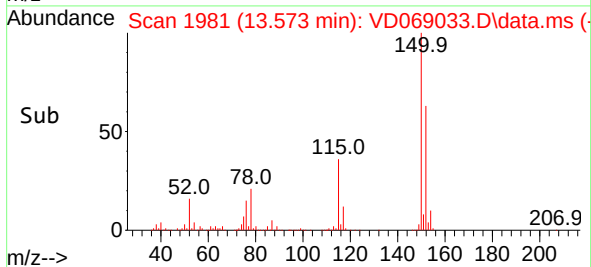
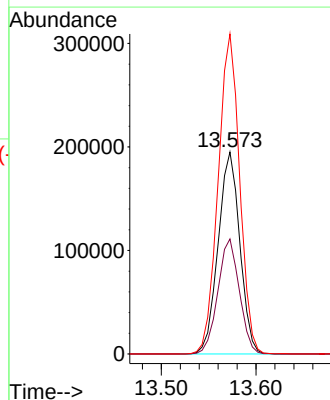
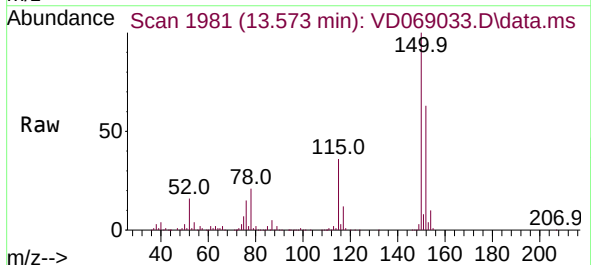
Instrument :
MSVOA_D
ClientSampleId :

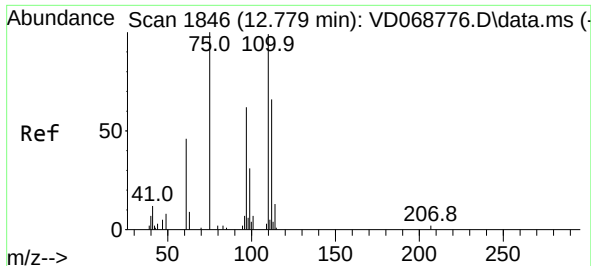
Tgt Ion:117 Resp: 609048
Ion Ratio Lower Upper
117 100
82 50.1 43.5 65.3
119 30.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion:152 Resp: 310346
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 157.3 0.0 347.6

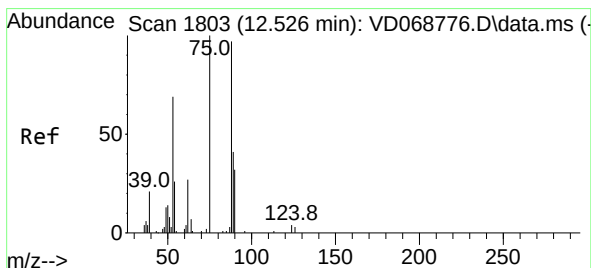
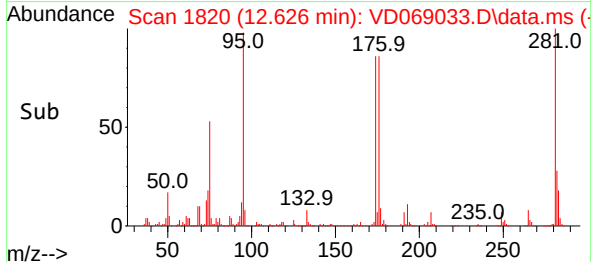
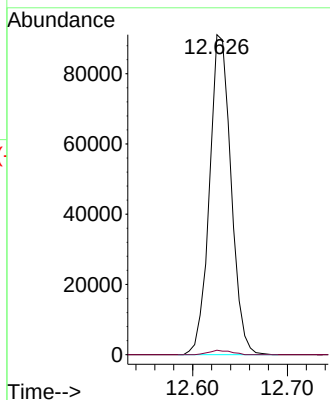
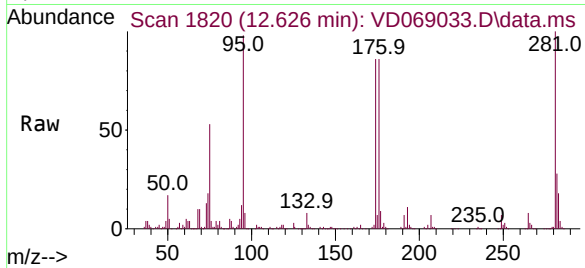




#76
1,2,3-Trichloropropane
Concen: 50.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 143734
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.65 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069033.D
Acq: 29 Apr 2021 22:13

Tgt Ion: 75 Resp: 143734
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.9 36.6 54.8#

