

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068445.D
 Acq On : 25 Feb 2021 16:07
 Operator : VA/SY
 Sample : M1501-01
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 26 00:28:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

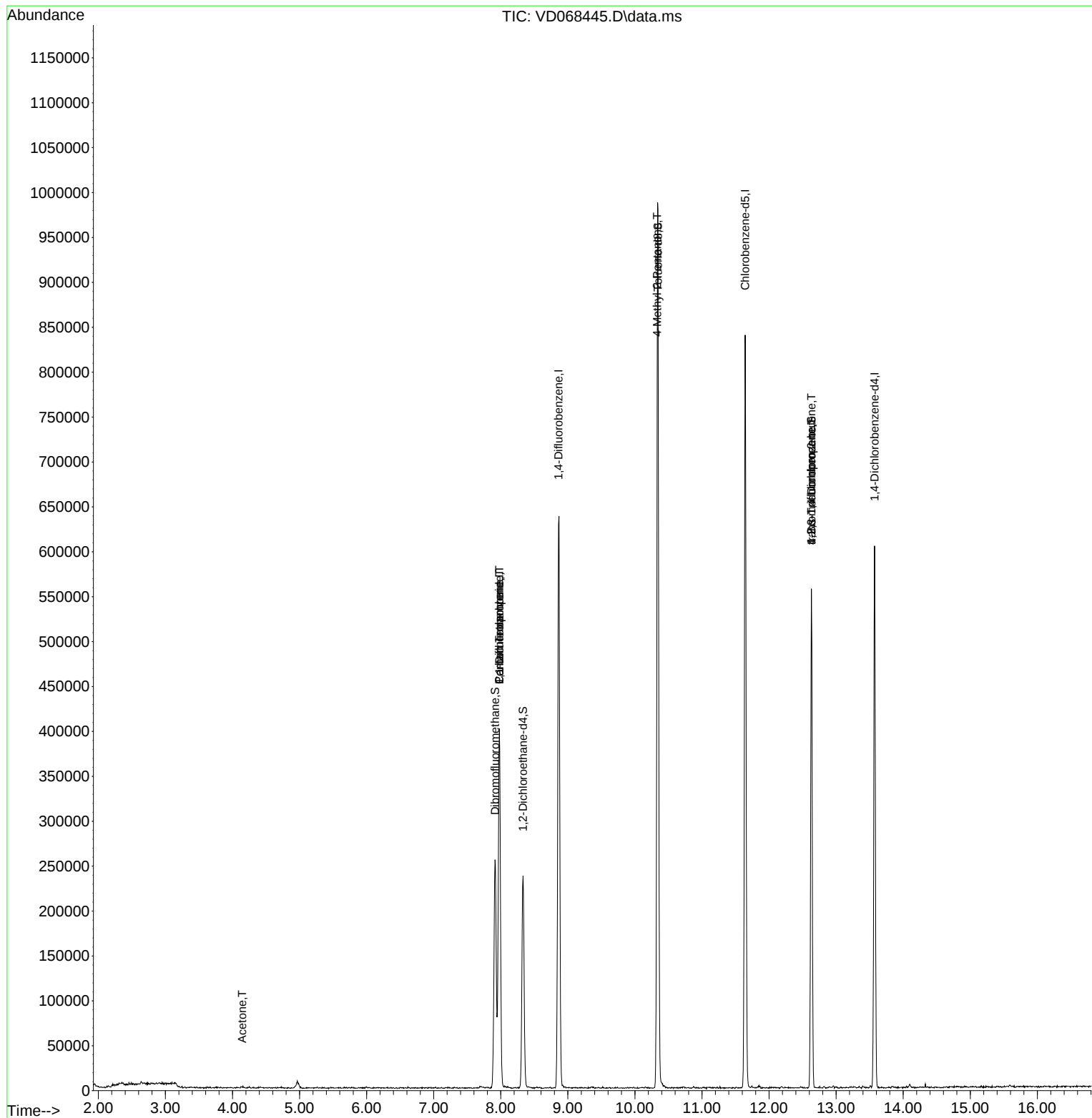
Internal Standards						
1) Pentafluorobenzene	7.979	168	304374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	491186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	160552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189958	61.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.10%			
35) Dibromofluoromethane	7.914	113	188828	55.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.30%			
50) Toluene-d8	10.344	98	712088	50.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.34%			
62) 4-Bromofluorobenzene	12.632	95	182719	39.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.04%			
Target Compounds						
16) Acetone	4.144	43	740	1.54	ug/l #	67
20) Methylene Chloride	4.962	84	5310	Below Cal	#	80
31) Cyclohexane	7.973	56	7039	Below Cal	#	37
36) 1,1-Dichloropropene	7.979	75	23299	4.57	ug/l #	47
38) Carbon Tetrachloride	7.979	117	30362	6.24	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	3000	1.77	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	94253	61.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	94253	154.64	ug/l #	13

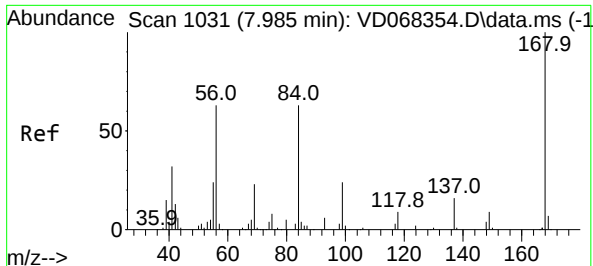
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Feb 26 00:28:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

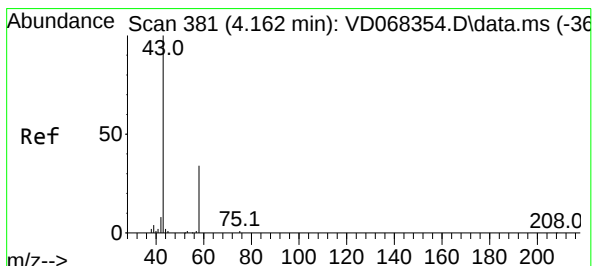
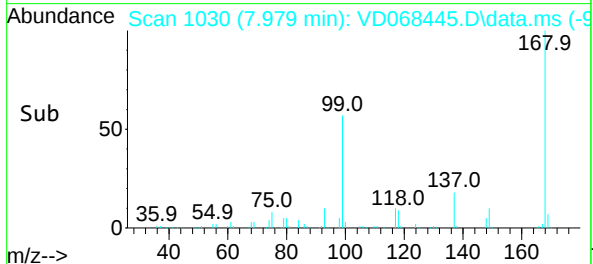
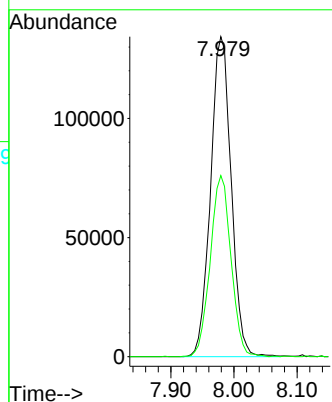
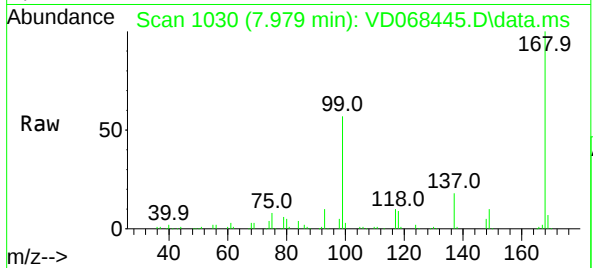




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

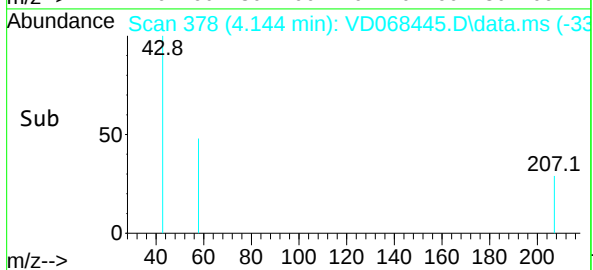
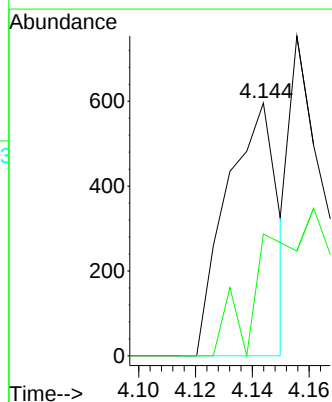
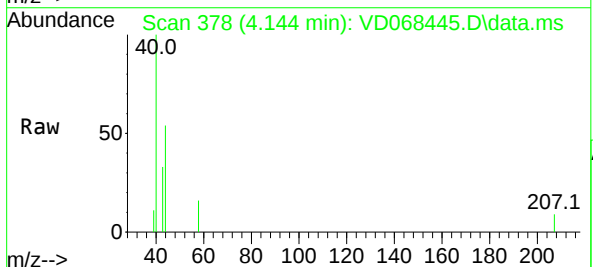
Instrument :
MSVOA_D
ClientSampleId :

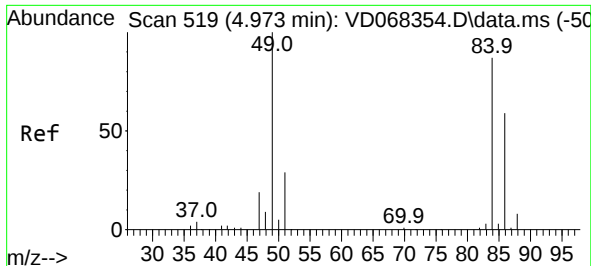
Tgt Ion:168 Resp: 304374
Ion Ratio Lower Upper
168 100
99 56.6 43.5 65.3



#16
Acetone
Concen: 1.54 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

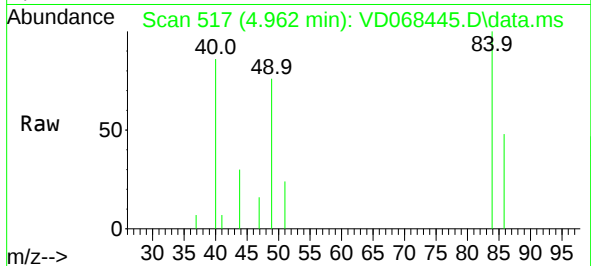
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 48.2 24.2 36.4#



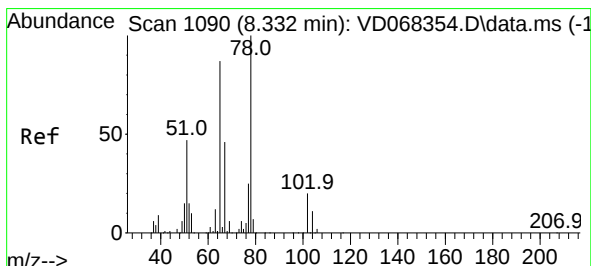
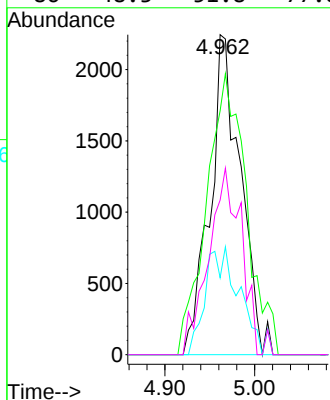
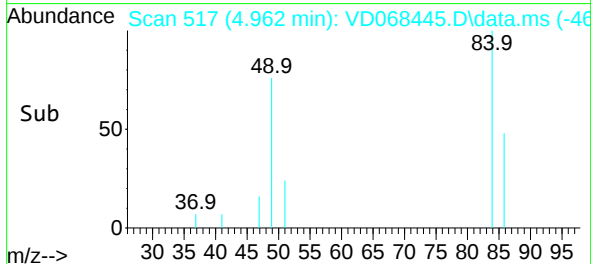


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

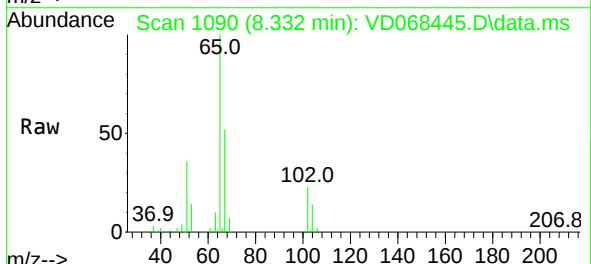
Instrument :
MSVOA_D
ClientSampled :



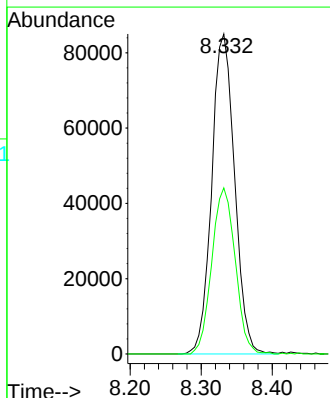
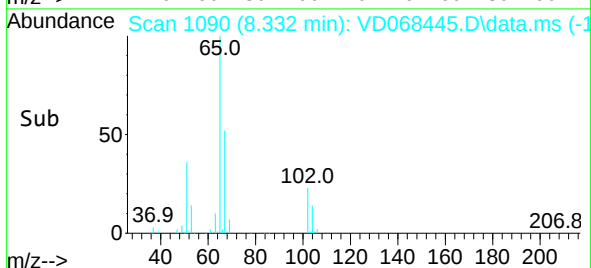
Tgt Ion:	84	Resp:	5310
Ion	Ratio	Lower	Upper
84	100		
49	76.2	77.4	116.2#
51	24.1	26.1	39.1#
86	48.3	51.8	77.8#

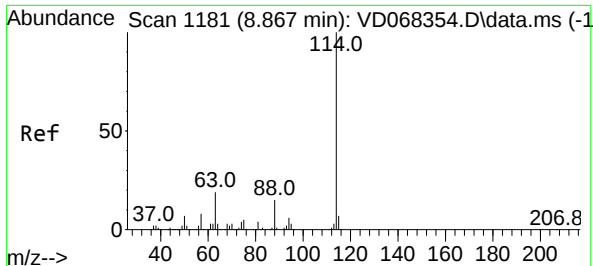


#33
1,2-Dichloroethane-d4
Concen: 61.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07



Tgt Ion:	65	Resp:	189958
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



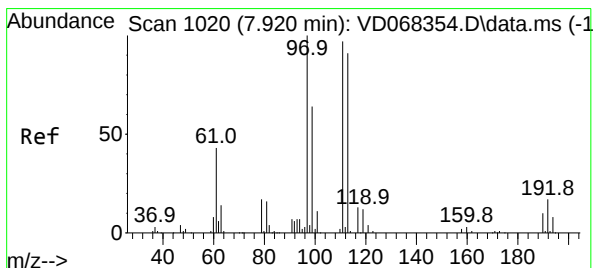
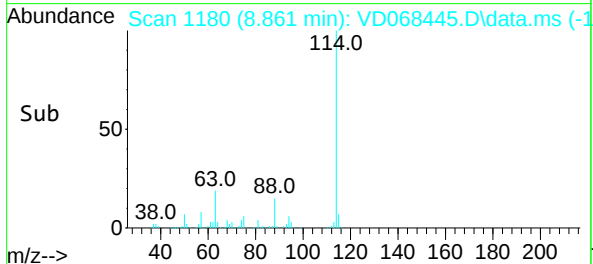
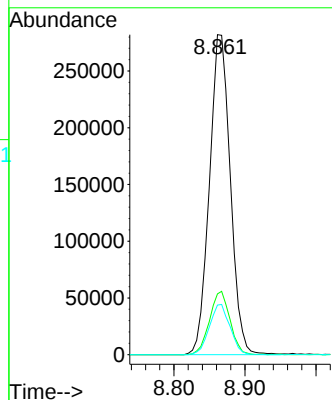
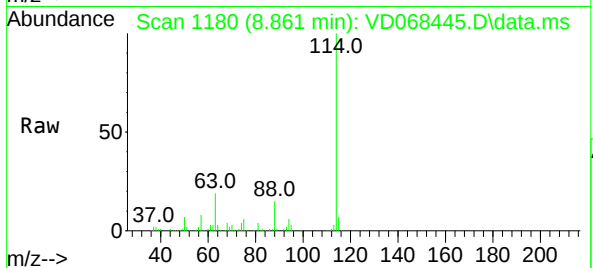


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Instrument :
MSVOA_D
ClientSampled :

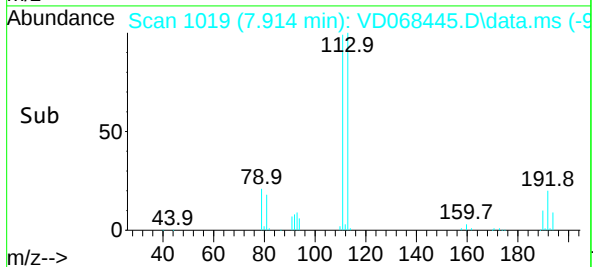
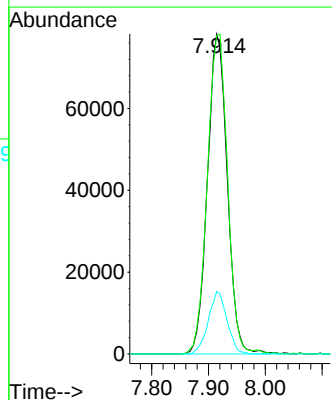
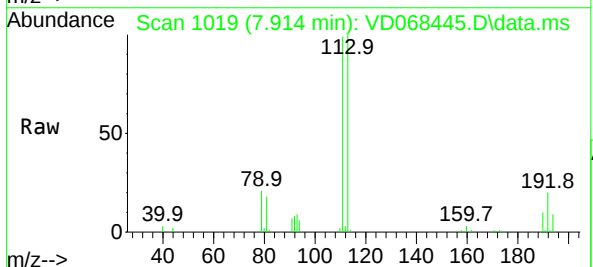
Tgt Ion:114 Resp: 576883
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.5 0.0 31.6

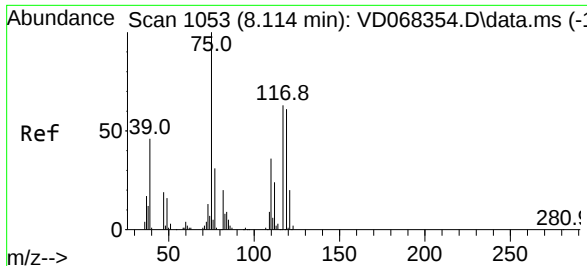


#35

Dibromofluoromethane
Concen: 55.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion:113 Resp: 188828
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.4 16.1 24.1

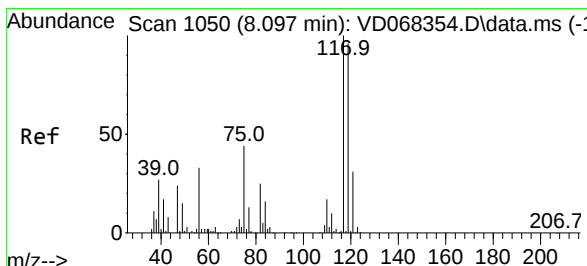
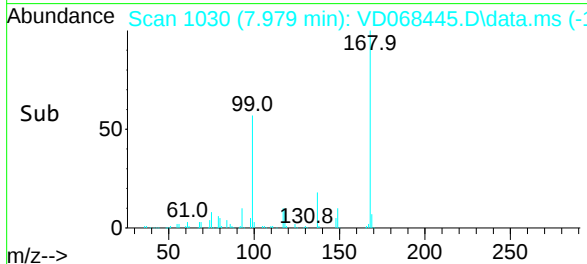
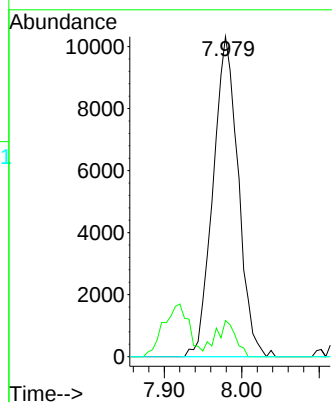
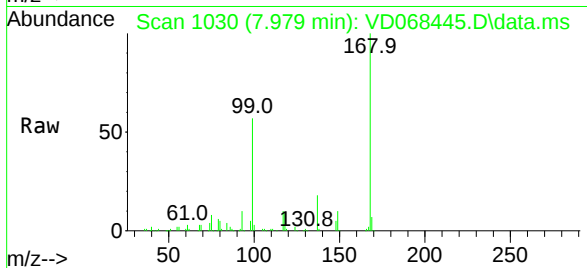




#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

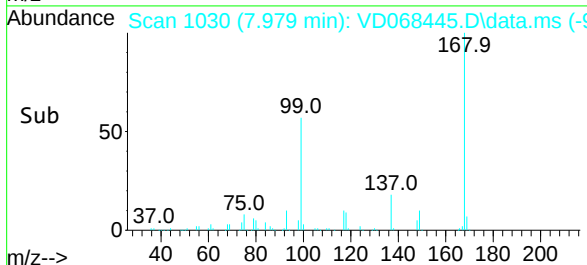
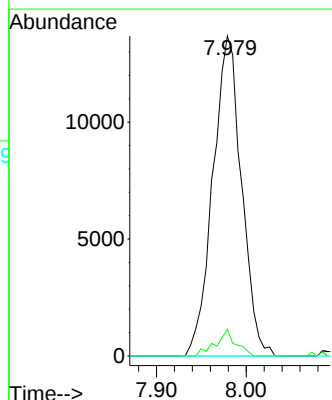
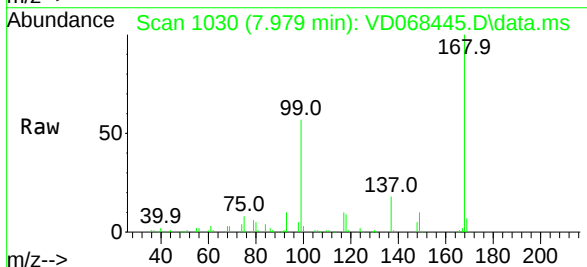
Instrument :
MSVOA_D
ClientSampled :

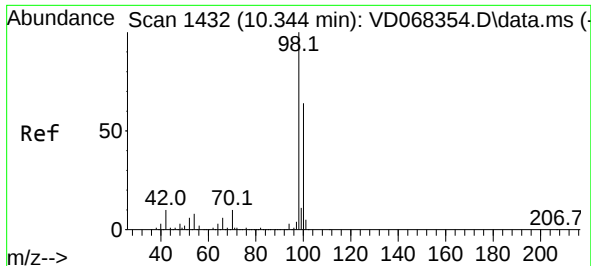
Tgt Ion: 75 Resp: 23299
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion: 117 Resp: 30362
Ion Ratio Lower Upper
117 100
119 8.3 77.3 115.9#
121 0.0 24.7 37.1#

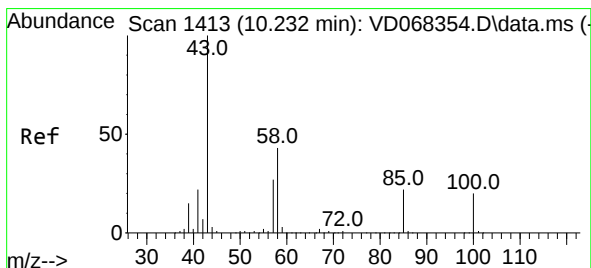
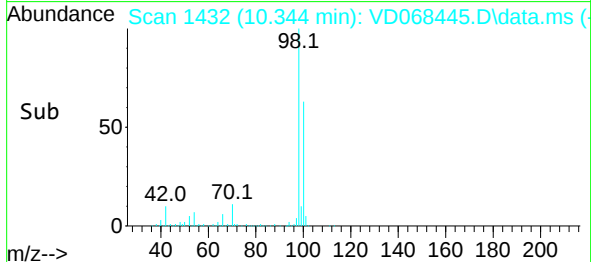
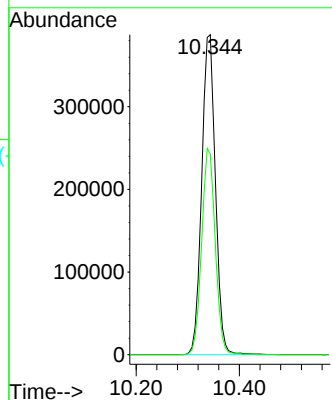
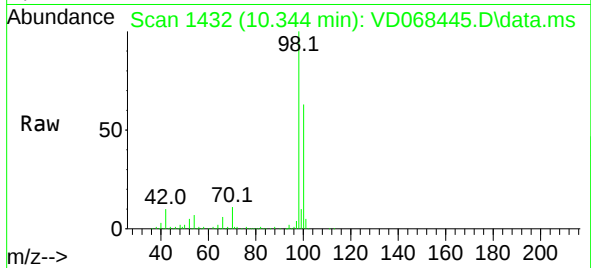




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

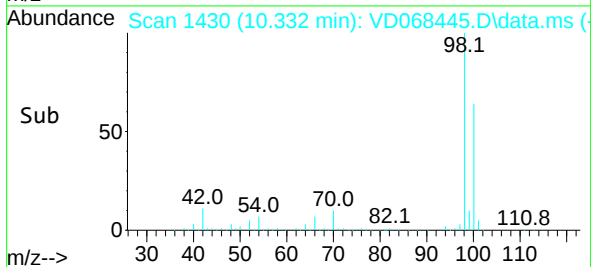
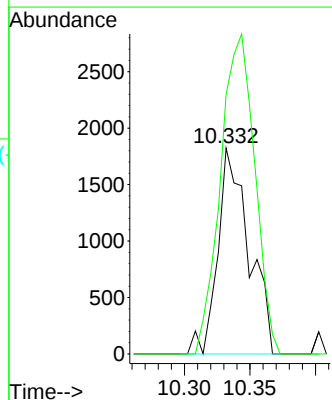
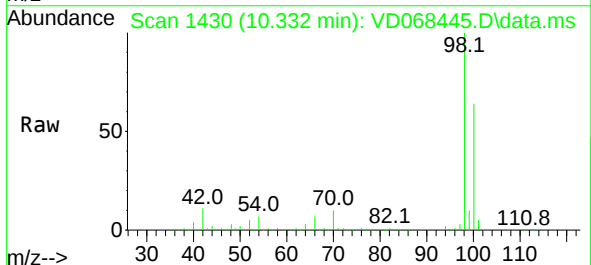
Instrument :
MSVOA_D
ClientSampleId :

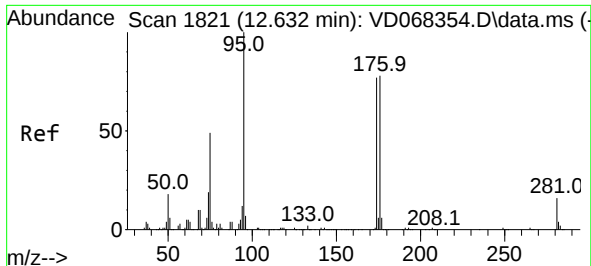
Tgt Ion: 98 Resp: 712088
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.100 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
58 171.7 36.1 54.1#

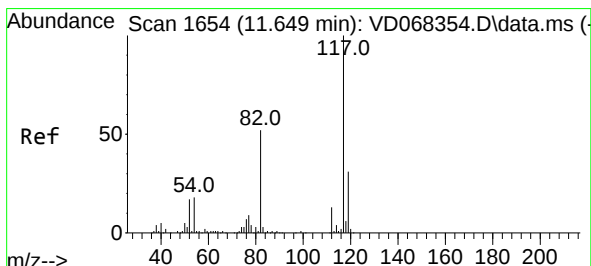
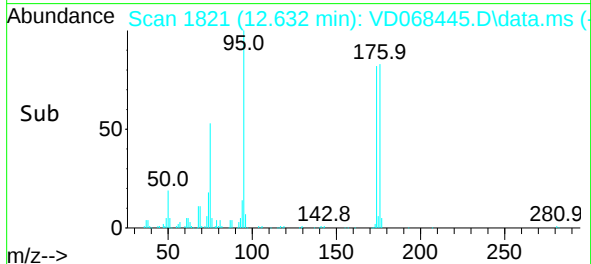
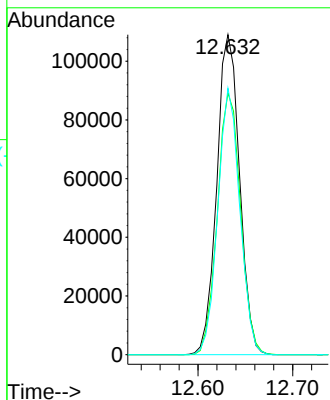
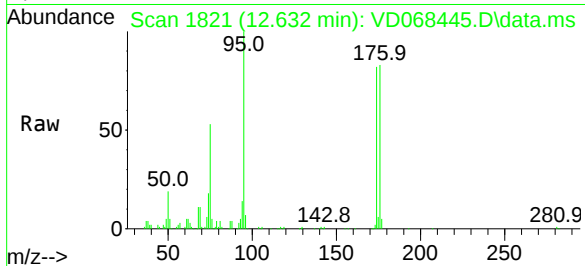




#62
4-Bromofluorobenzene
Concen: 39.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

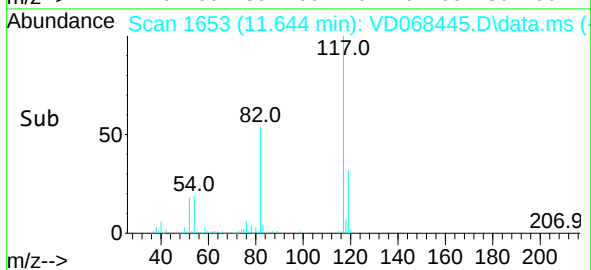
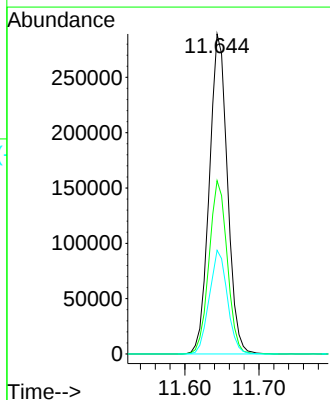
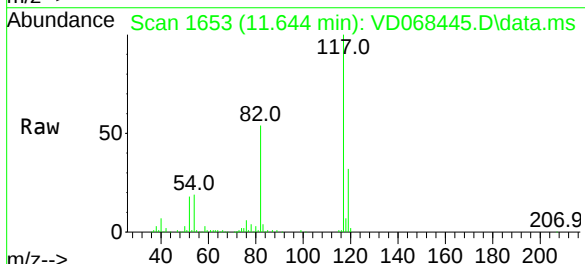
Instrument :
MSVOA_D
ClientSampled :

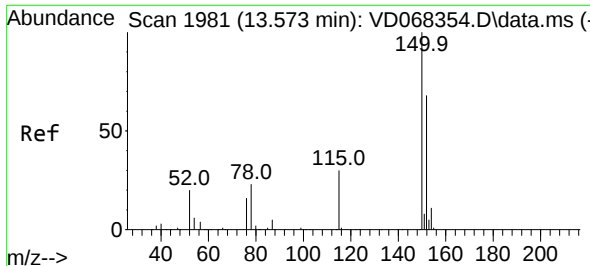
Tgt Ion: 95 Resp: 182719
Ion Ratio Lower Upper
95 100
174 83.1 0.0 172.4
176 80.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion: 117 Resp: 491186
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.4 26.1 39.1

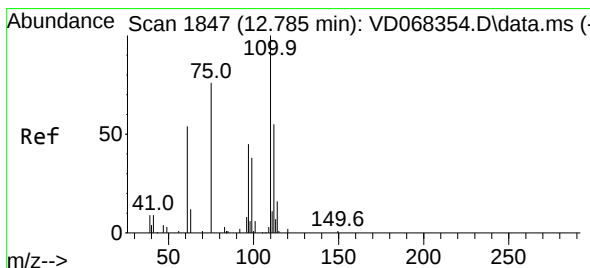
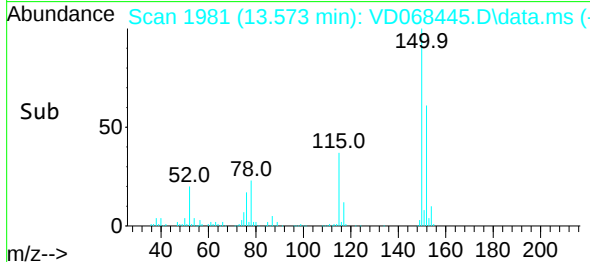
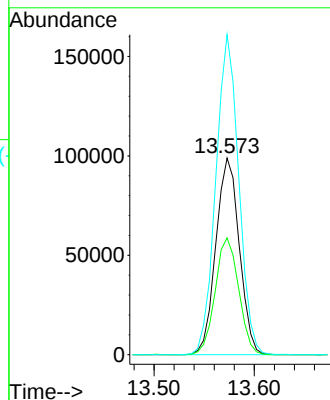
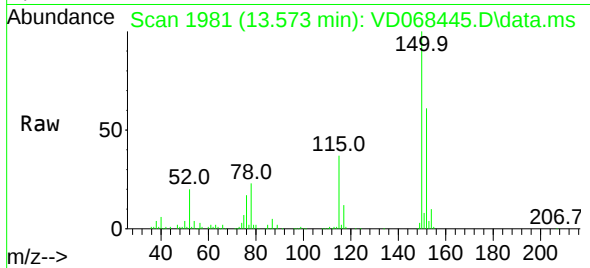




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

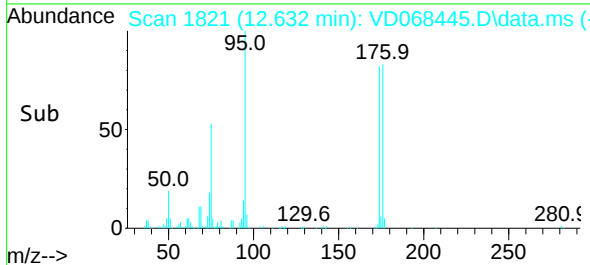
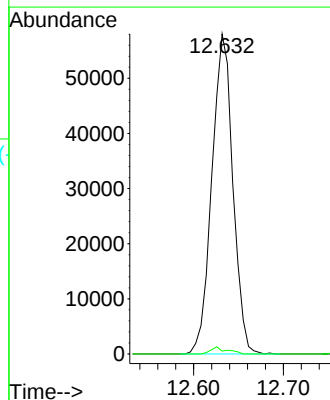
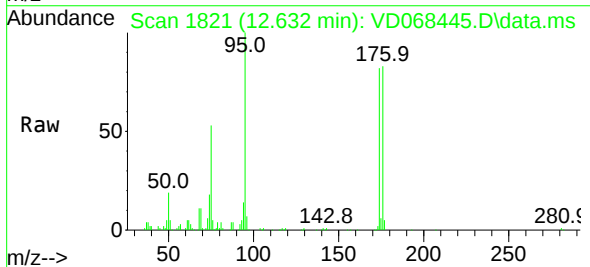
Instrument :
MSVOA_D
ClientSampled :

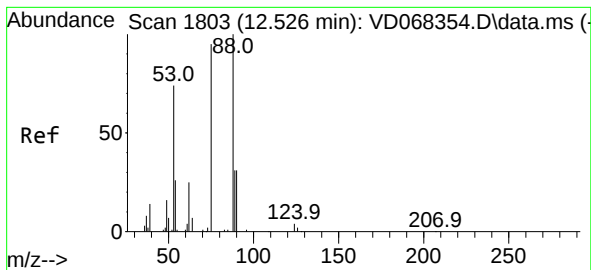
Tgt Ion:152 Resp: 160552
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 158.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 61.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

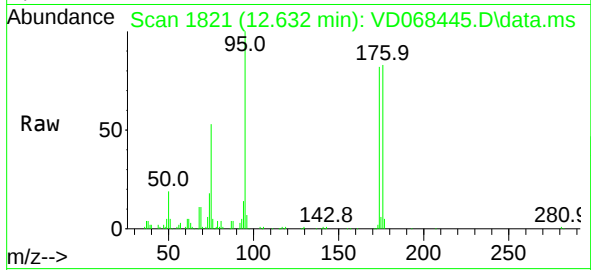
Tgt Ion: 75 Resp: 94253
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.64 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068445.D
 Acq: 25 Feb 2021 16:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 94253
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

