

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068465.D
 Acq On : 26 Feb 2021 19:17
 Operator : VA/SY
 Sample : M1518-02
 Misc : 7.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1D

Quant Time: Feb 26 21:50:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

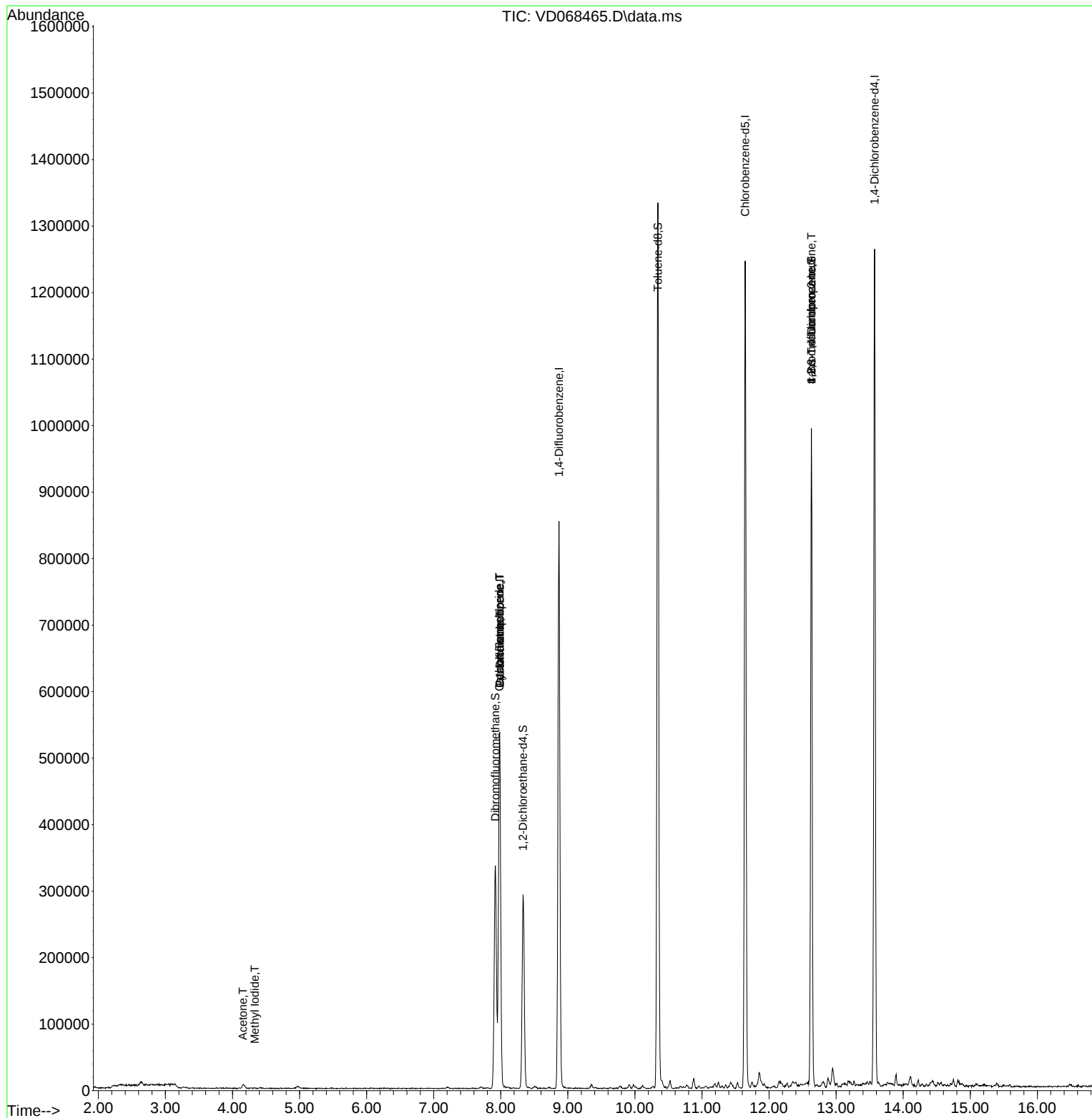
Internal Standards						
1) Pentafluorobenzene	7.985	168	418030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	771425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	750167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	347491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	232483	55.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.32%
35) Dibromofluoromethane	7.920	113	243563	52.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.82%
50) Toluene-d8	10.344	98	965244	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.632	95	324884	54.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.92%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.332	142	461	2.70	ug/l #	38
16) Acetone	4.156	43	10386	15.65	ug/l	90
20) Methylene Chloride	4.979	84	2730	Below Cal	#	83
31) Cyclohexane	7.985	56	9241	1.22	ug/l #	16
36) 1,1-Dichloropropene	7.985	75	30970	4.22	ug/l #	48
38) Carbon Tetrachloride	7.979	117	40798	5.92	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	162140	52.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	162140	122.66	ug/l #	14

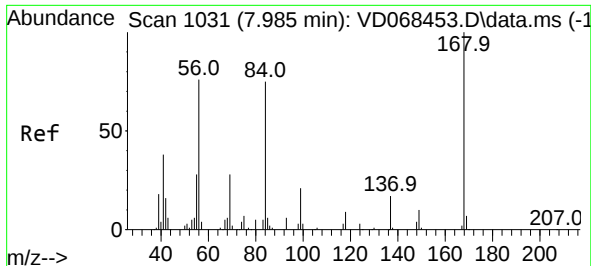
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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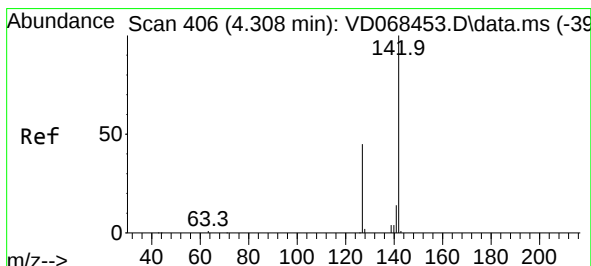
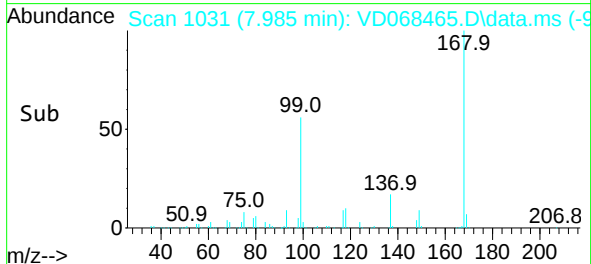
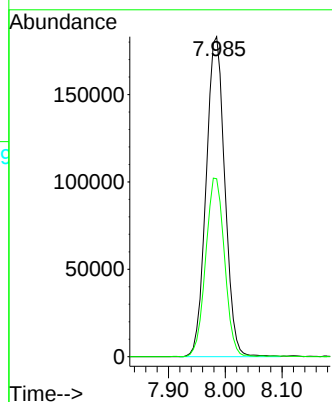
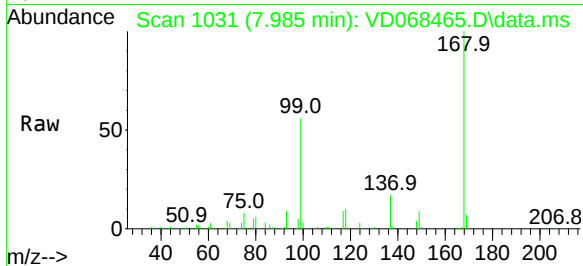




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

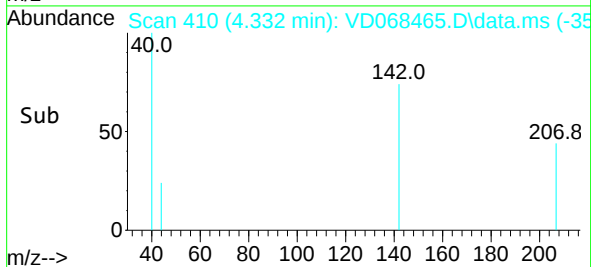
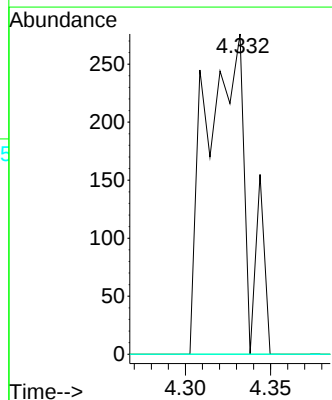
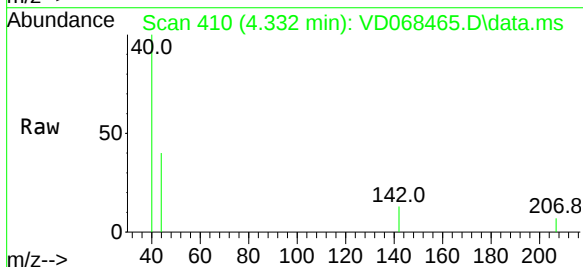
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

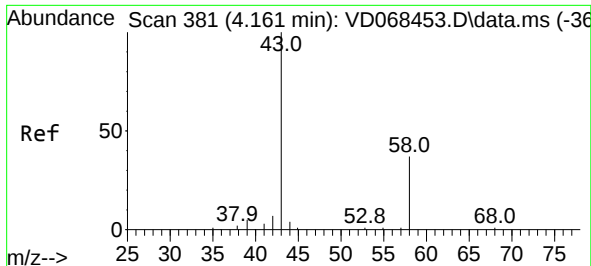
Tgt Ion:168 Resp: 418030
Ion Ratio Lower Upper
168 100
99 55.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.70 ug/l
RT: 4.332 min Scan# 410
Delta R.T. 0.024 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

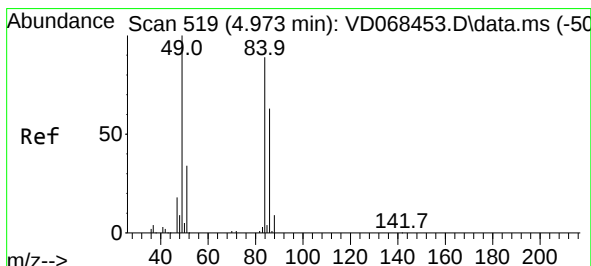
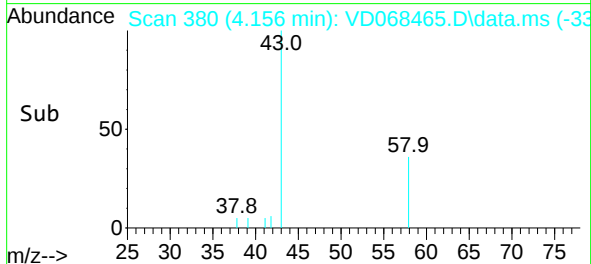
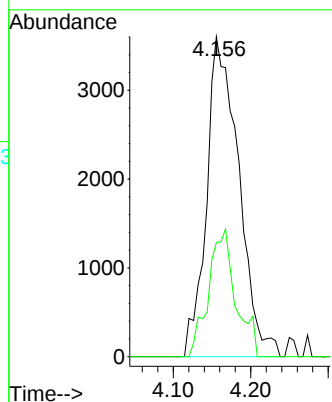
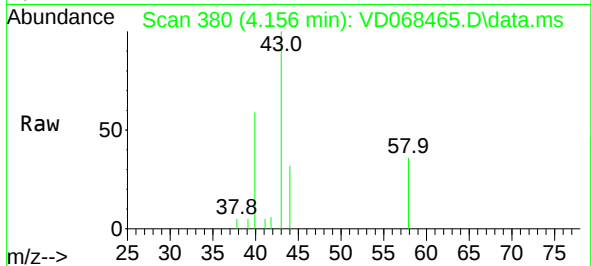




#16
Acetone
Concen: 15.65 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

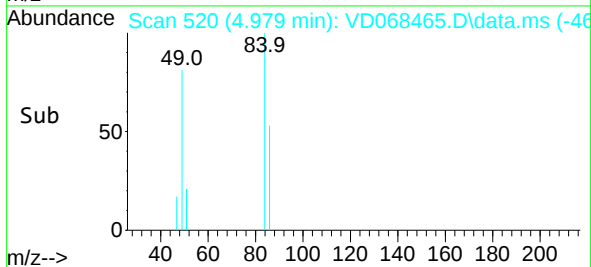
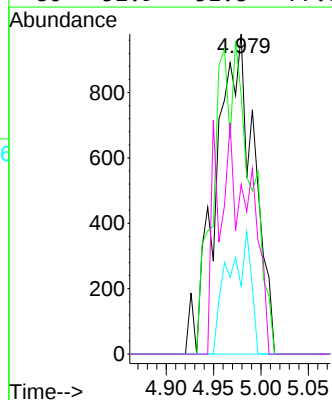
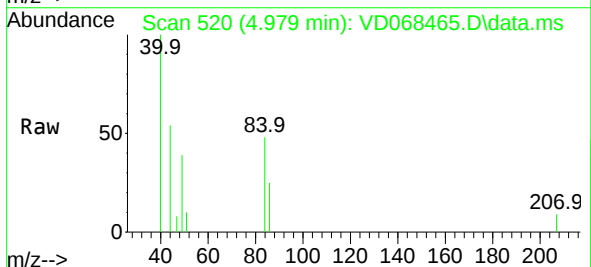
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

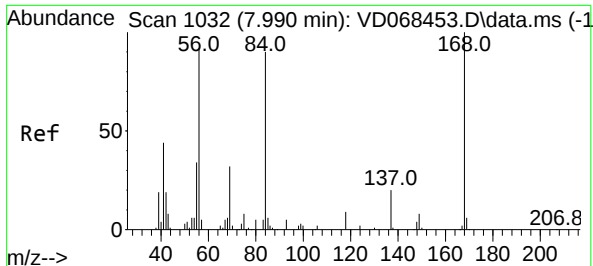
Tgt Ion: 43 Resp: 10386
Ion Ratio Lower Upper
43 100
58 35.7 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

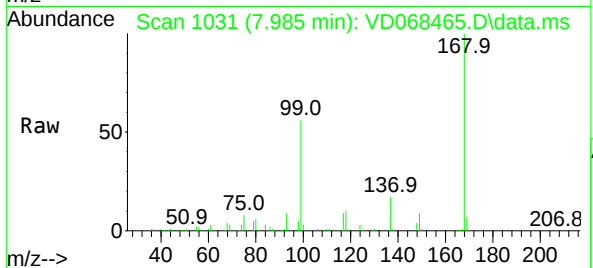
Tgt Ion: 84 Resp: 2730
Ion Ratio Lower Upper
84 100
49 80.9 77.4 116.2
51 21.2 26.1 39.1#
86 52.9 51.8 77.8



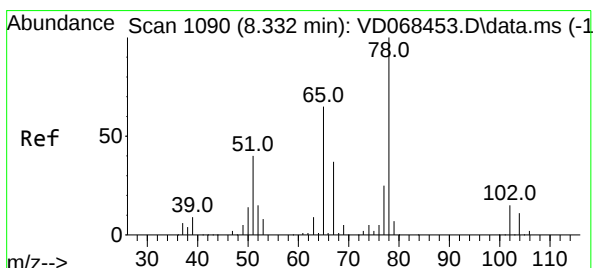
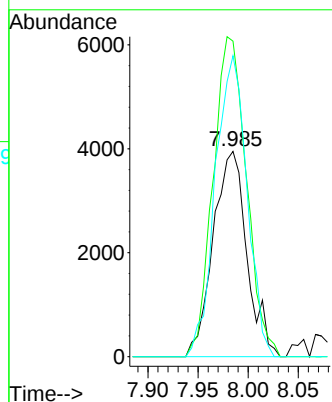
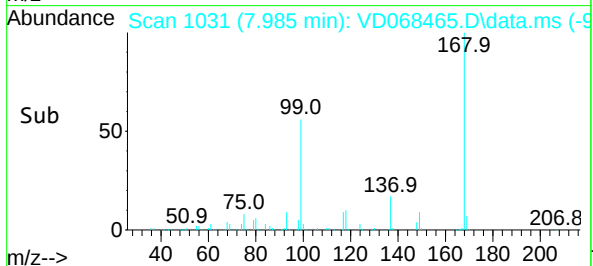


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

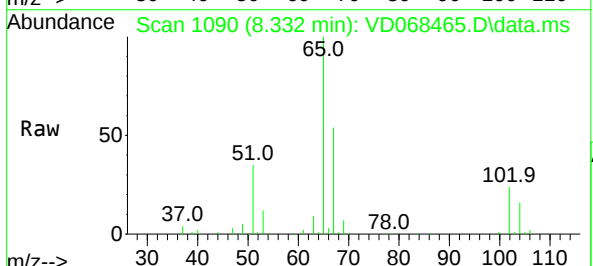
Instrument :
MSVOA_D
ClientSampleId :
SB-1D



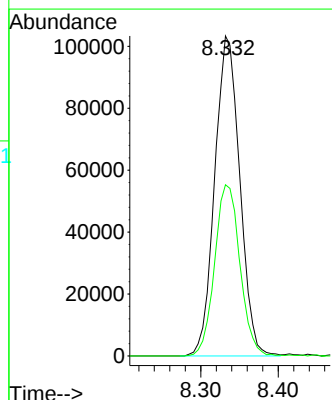
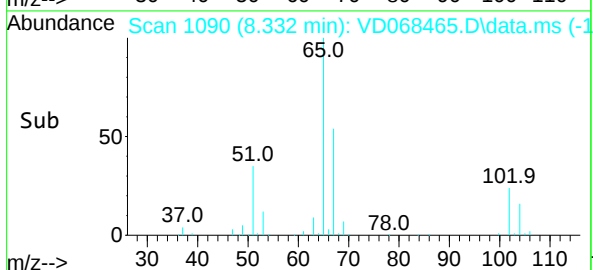
Tgt Ion: 56 Resp: 9241
Ion Ratio Lower Upper
56 100
69 153.7 30.1 45.1#
84 146.6 82.1 123.1#

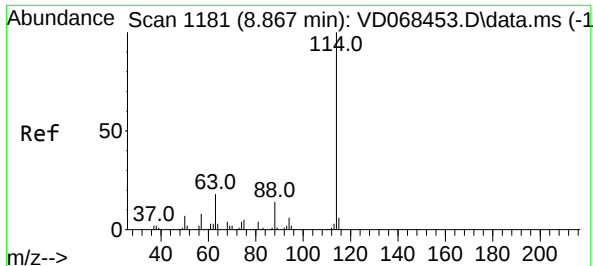


#33
1,2-Dichloroethane-d4
Concen: 55.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17



Tgt Ion: 65 Resp: 232483
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0



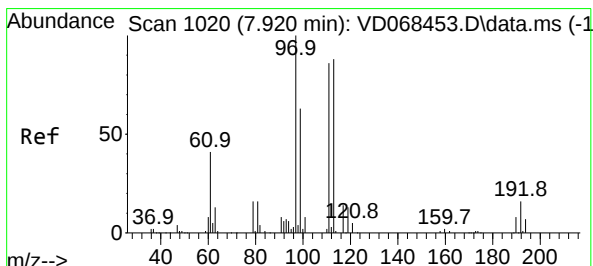
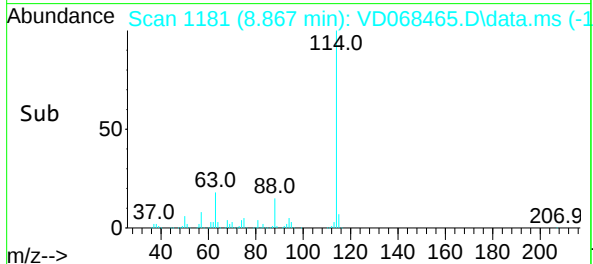
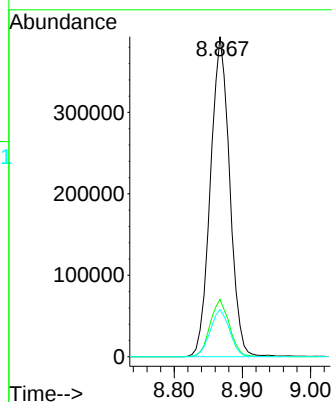
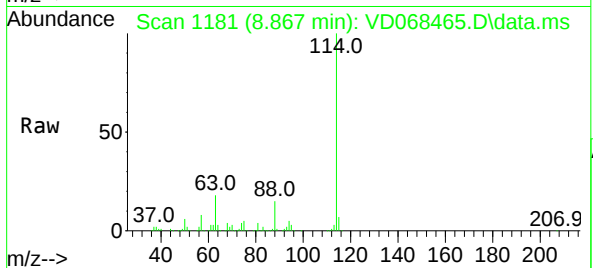


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Instrument :
MSVOA_D
ClientSampled :
SB-1D

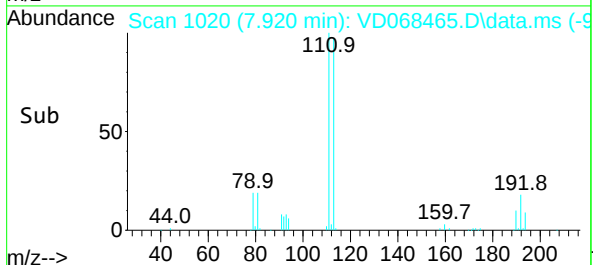
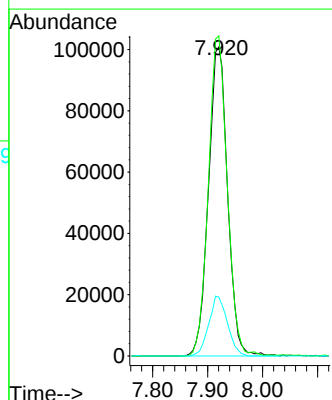
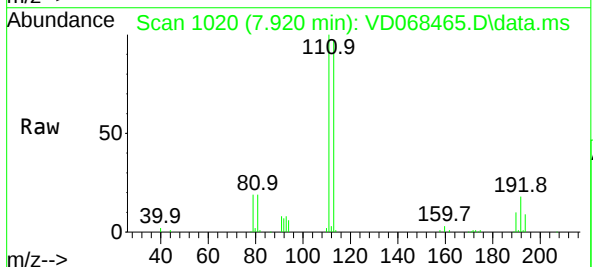
Tgt Ion:	114	Resp:	771425
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	34.8
88	14.7	0.0	31.6

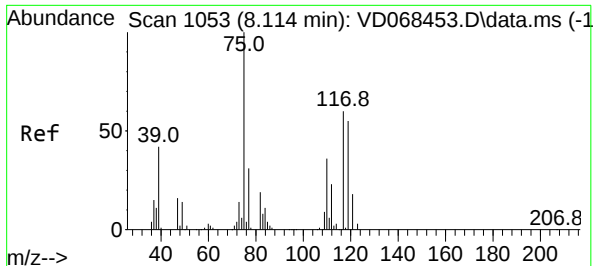


#35

Dibromofluoromethane
Concen: 52.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion:	113	Resp:	243563
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	18.9	16.1	24.1

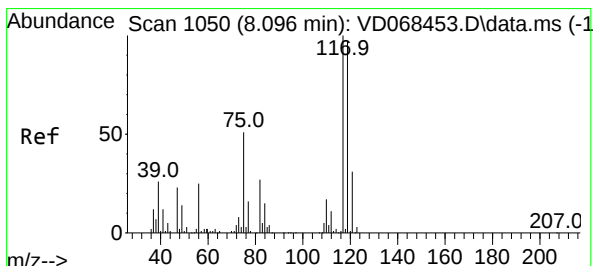
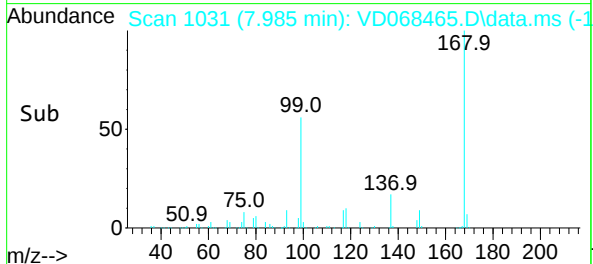
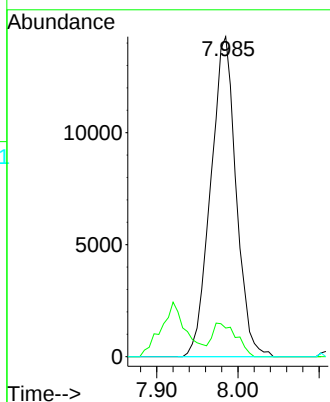
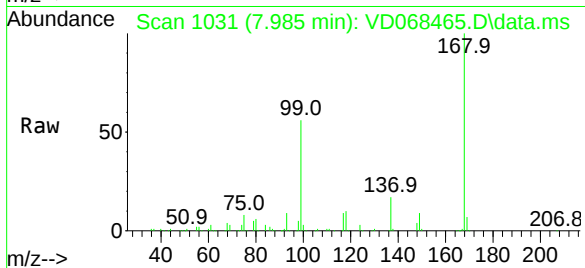




#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

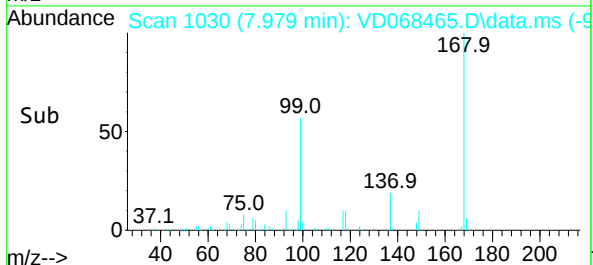
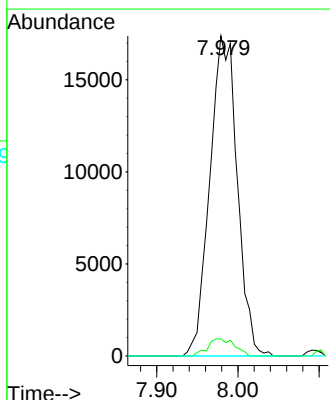
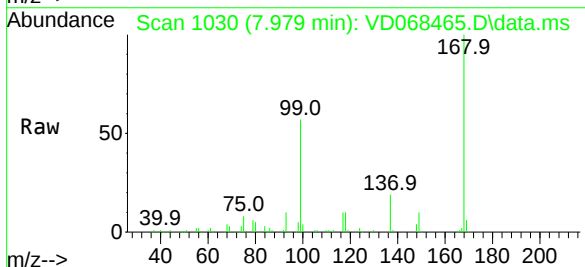
Instrument :
MSVOA_D
ClientSampleId :
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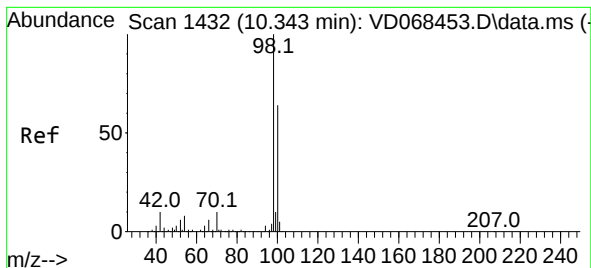
Tgt Ion: 75 Resp: 30970
Ion Ratio Lower Upper
75 100
110 9.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion: 117 Resp: 40798
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

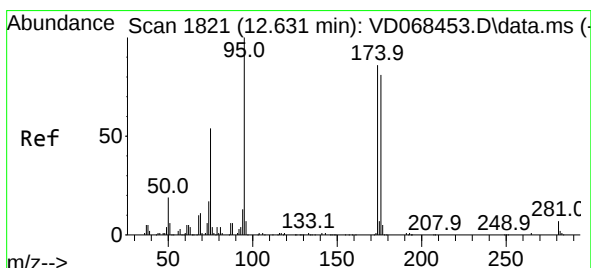
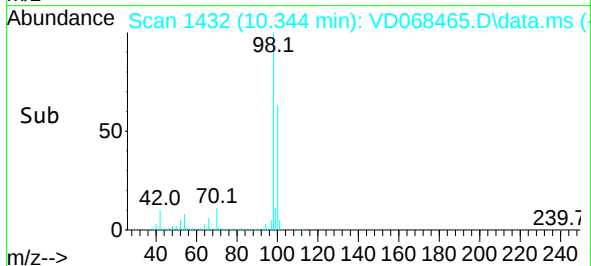
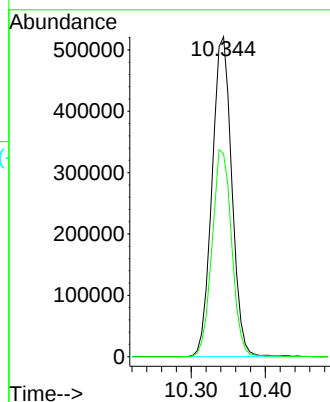
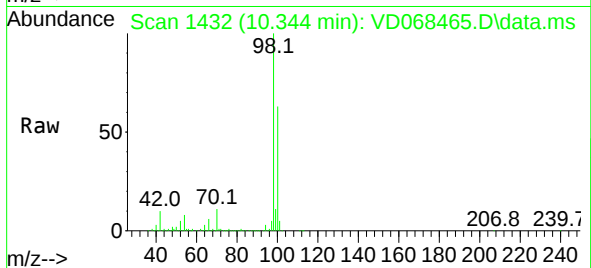




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

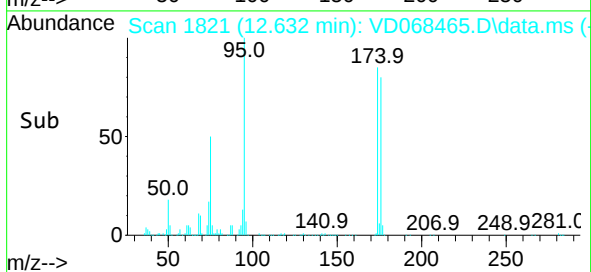
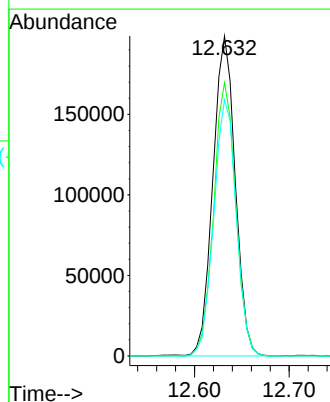
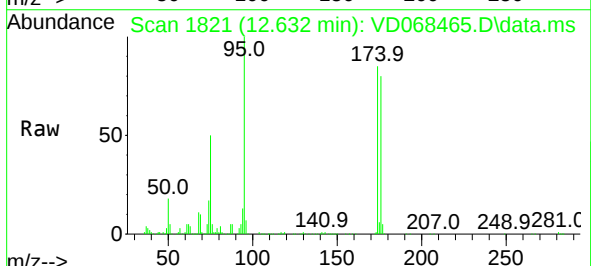
Instrument :
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ClientSampleId :
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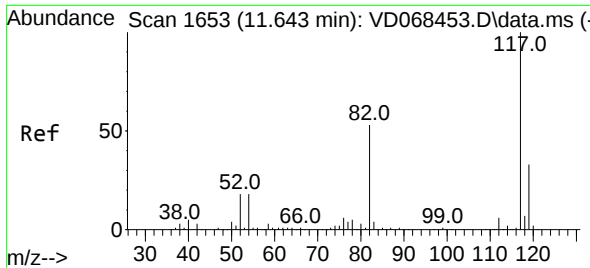
Tgt Ion: 98 Resp: 965244
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion: 95 Resp: 324884
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.4
176 80.5 0.0 168.4

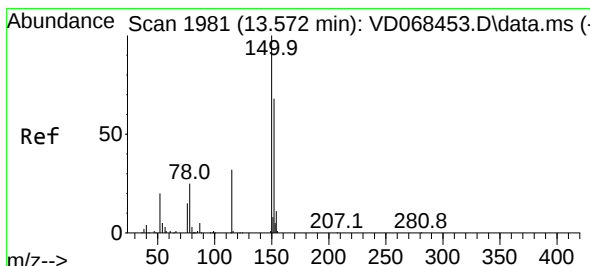
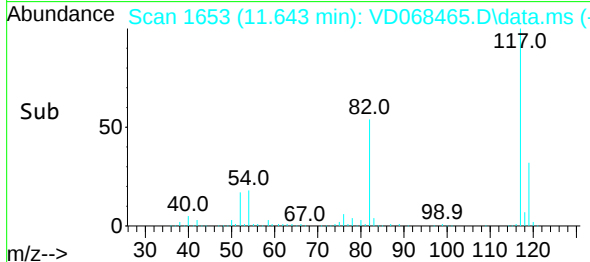
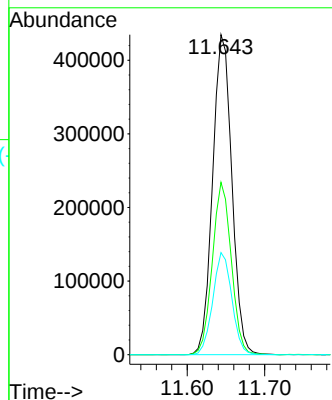
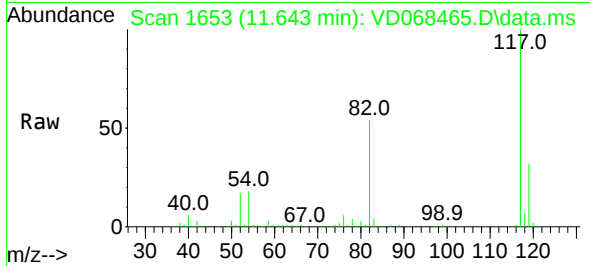




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

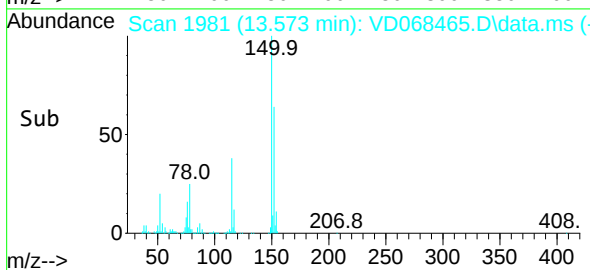
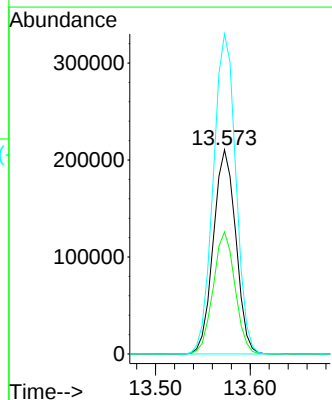
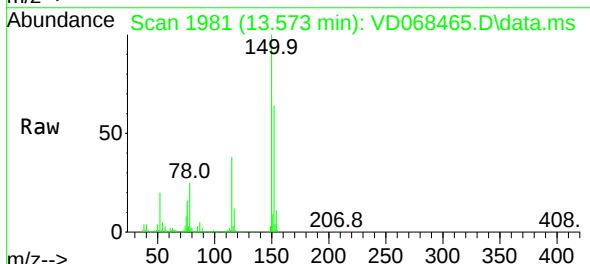
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

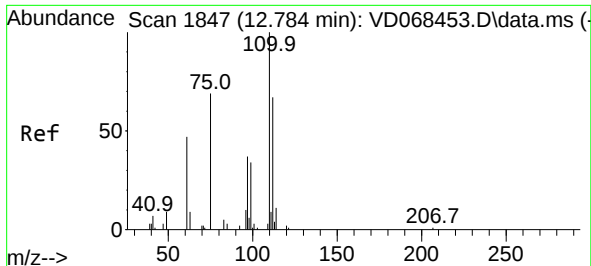
Tgt Ion:	117	Resp:	750167
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.4	62.0
119	31.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion:	152	Resp:	347491
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	157.1	0.0	344.4

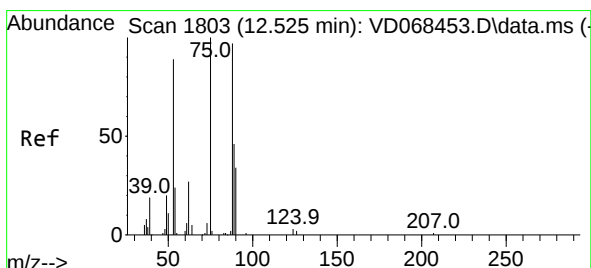
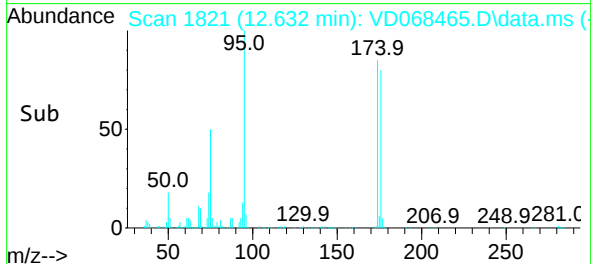
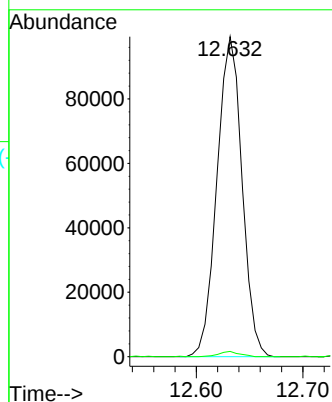
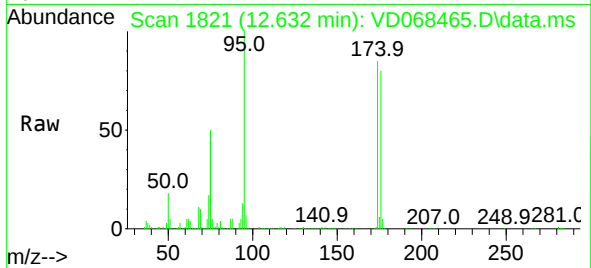




#76
1,2,3-Trichloropropane
Concen: 52.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Instrument :
MSVOA_D
ClientSampleId :
SB-1D

Tgt Ion: 75 Resp: 162140
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068465.D
Acq: 26 Feb 2021 19:17

Tgt Ion: 75 Resp: 162140
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

