

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068068.D
 Acq On : 13 Jan 2021 13:50
 Operator : VA/SY
 Sample : M1068-04
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-066-B

Quant Time: Jan 13 15:26:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

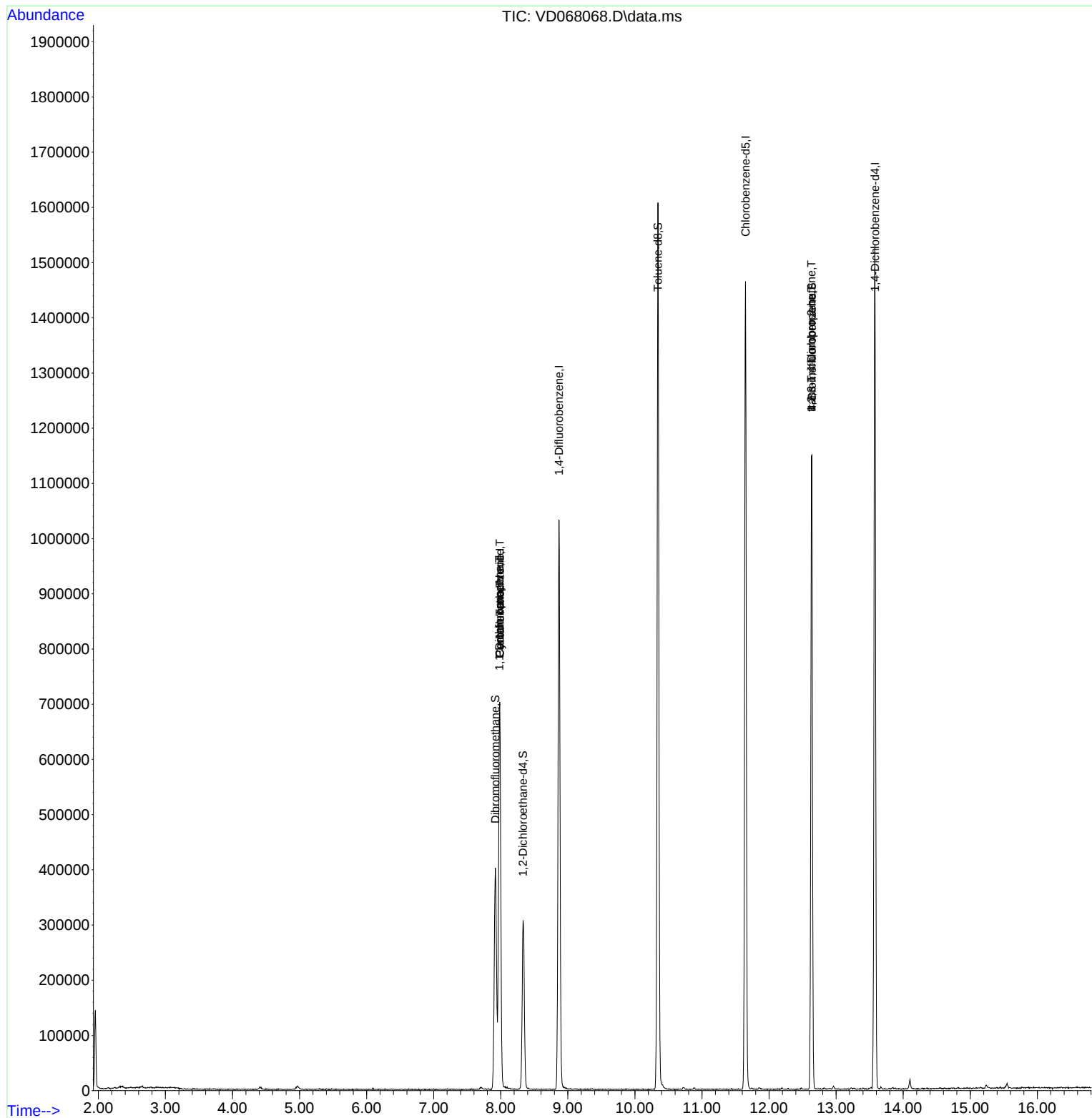
Internal Standards						
1) Pentafluorobenzene	7.985	168	547222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	944043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	914172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	447270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259776	55.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.66%
35) Dibromofluoromethane	7.920	113	291380	54.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.30%
50) Toluene-d8	10.343	98	1114596	56.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.40%
62) 4-Bromofluorobenzene	12.637	95	394638	56.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.60%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	4426	Below Cal	#	89
31) Cyclohexane	7.985	56	10101	1.30	ug/l #	30
36) 1,1-Dichloropropene	7.979	75	36135	4.36	ug/l #	48
38) Carbon Tetrachloride	7.985	117	53492	5.41	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	192899	54.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	192899	122.13	ug/l #	14

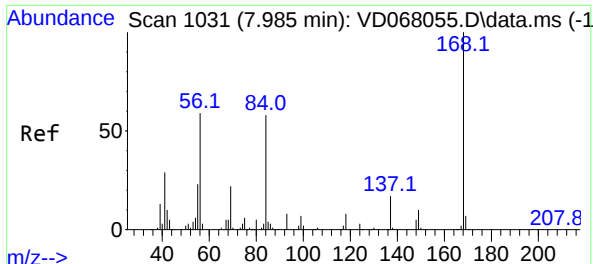
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

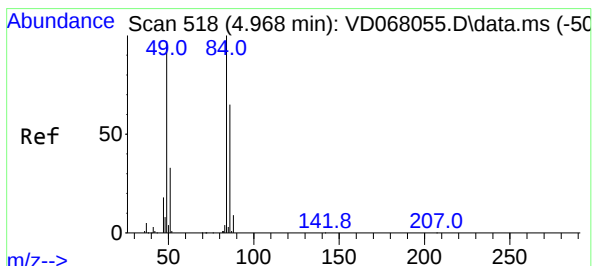
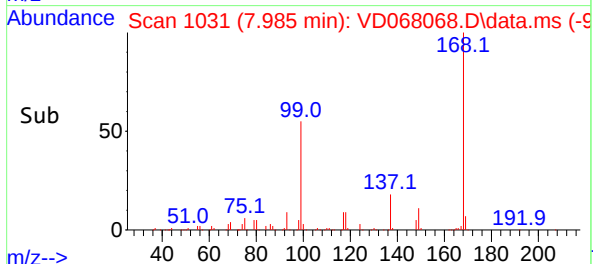
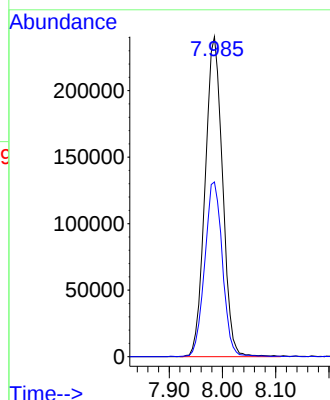
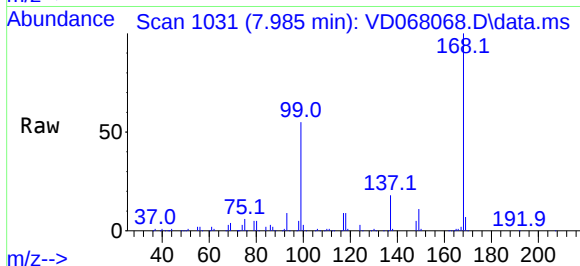




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

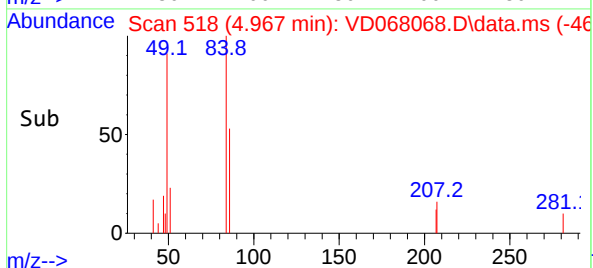
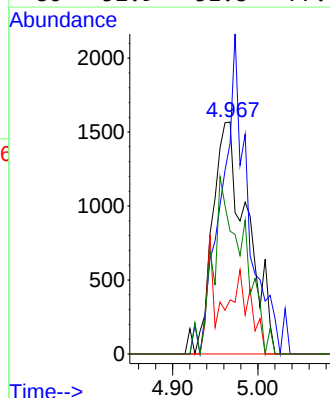
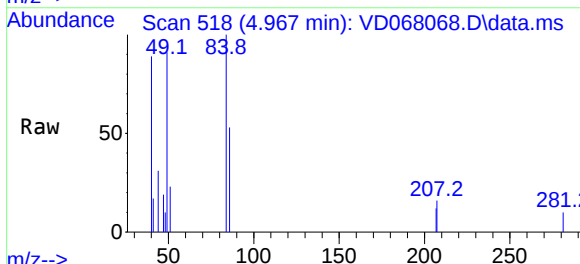
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-B

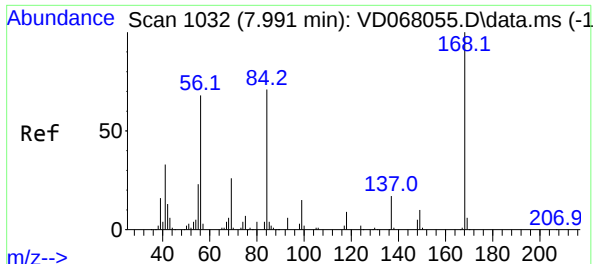
Tgt Ion:168 Resp: 547222
Ion Ratio Lower Upper
168 100
99 54.5 43.5 65.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion: 84 Resp: 4426
Ion Ratio Lower Upper
84 100
49 90.9 77.4 116.2
51 23.3 26.1 39.1#
86 52.9 51.8 77.8

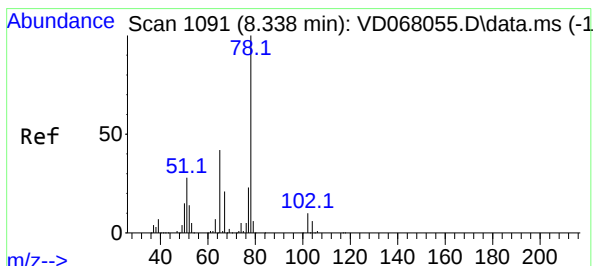
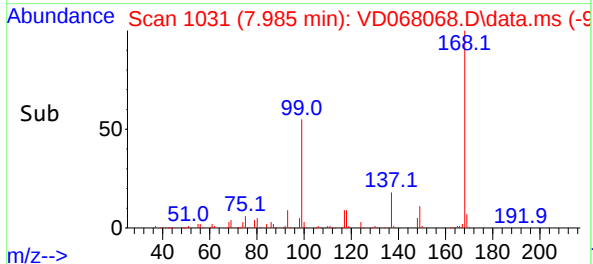
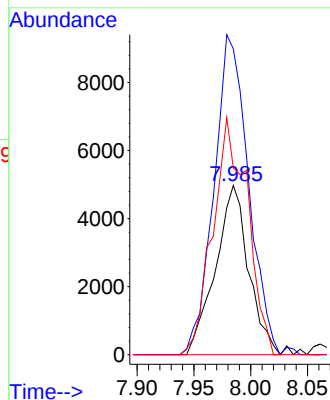
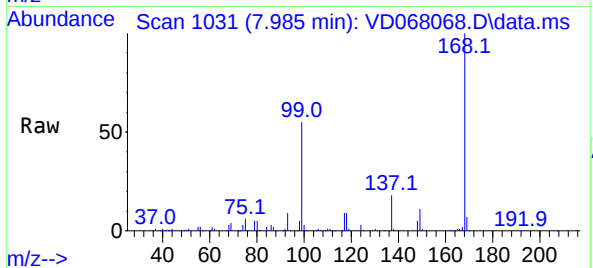




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

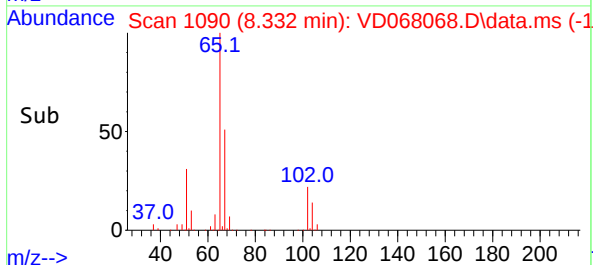
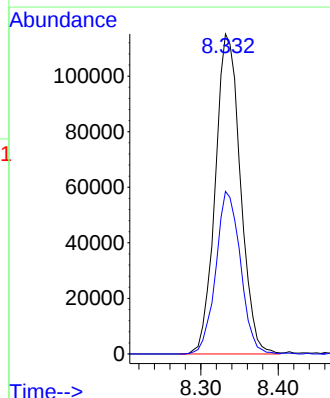
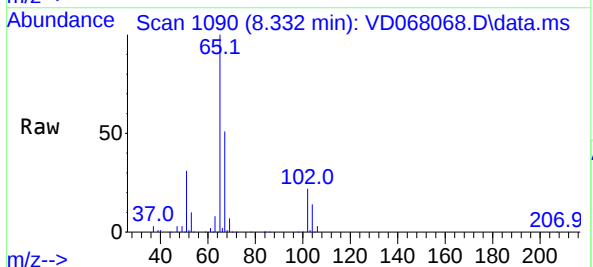
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-B

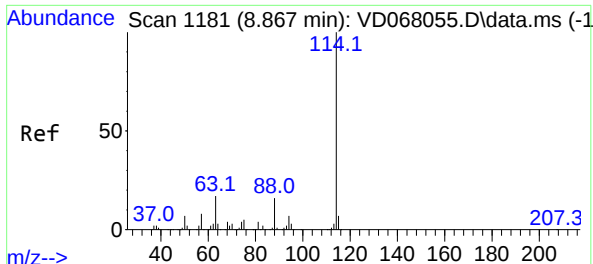
Tgt Ion: 56 Resp: 10101
Ion Ratio Lower Upper
56 100
69 180.7 30.1 45.1#
84 110.4 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 55.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

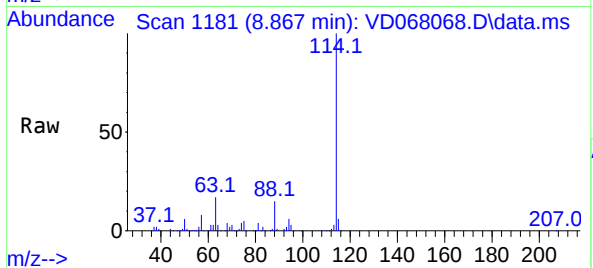
Tgt Ion: 65 Resp: 259776
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.0



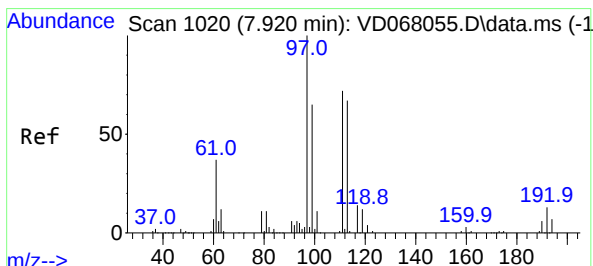
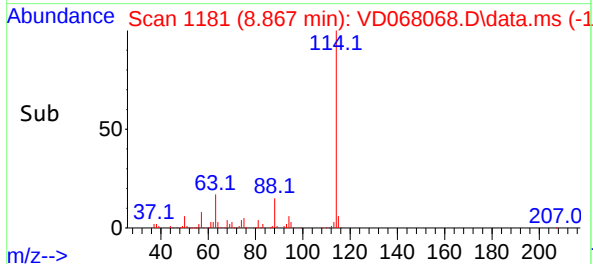
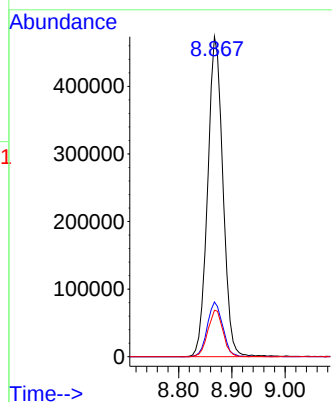


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-B

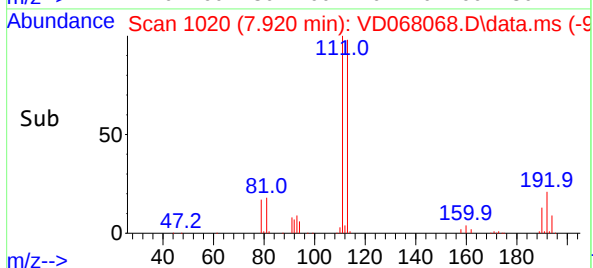
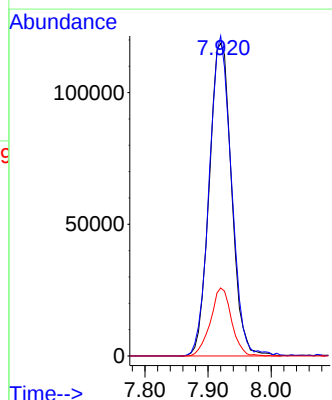
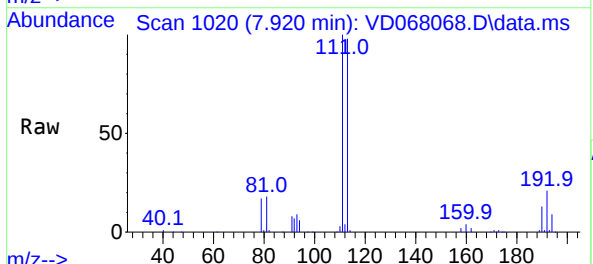


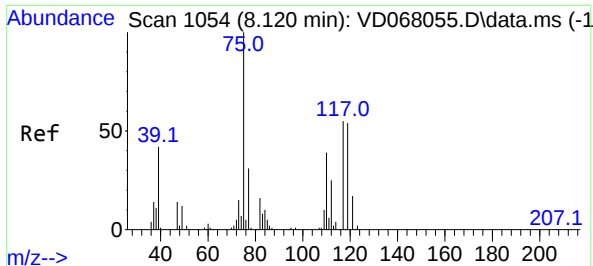
Tgt Ion:114 Resp: 944043
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.8
88 14.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.15 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion:113 Resp: 291380
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 20.5 16.1 24.1

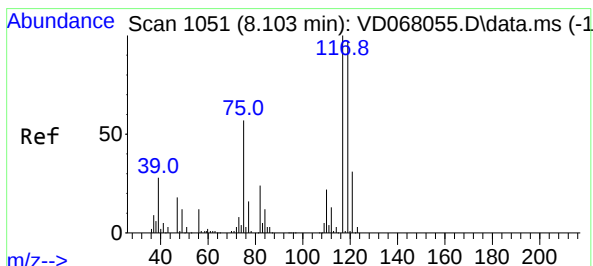
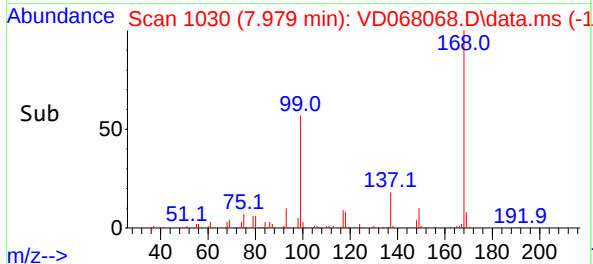
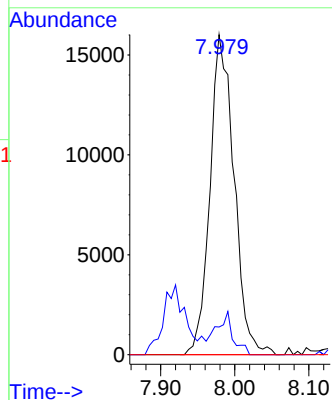
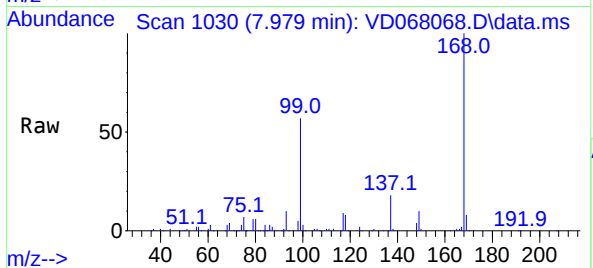




#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

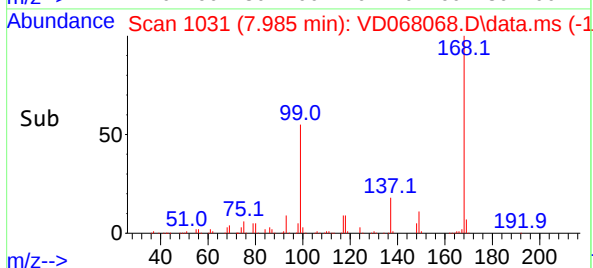
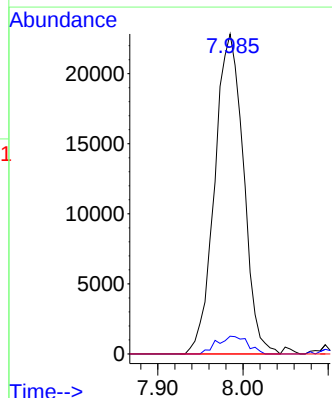
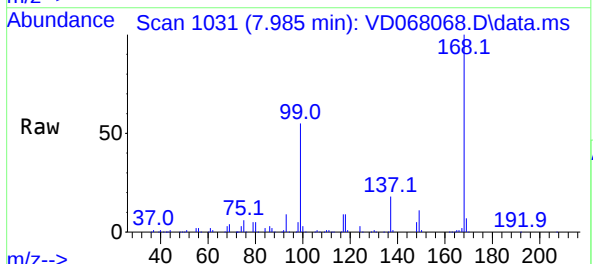
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-B

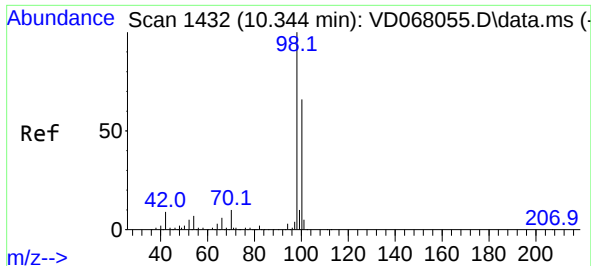
Tgt Ion: 75 Resp: 36135
Ion Ratio Lower Upper
75 100
110 9.4 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion: 117 Resp: 53492
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#

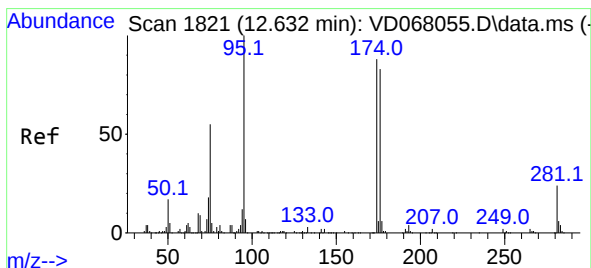
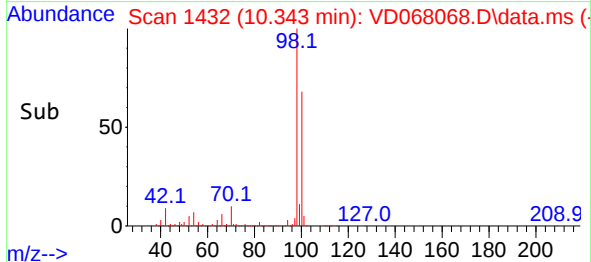
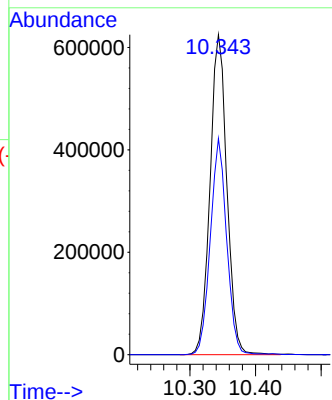
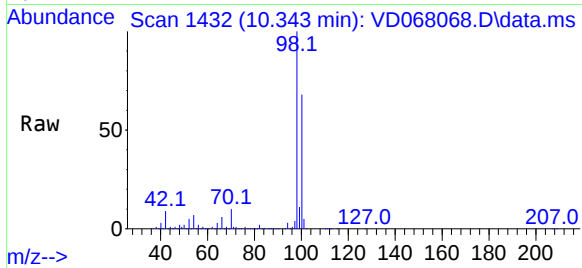




#50
Toluene-d8
Concen: 56.20 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

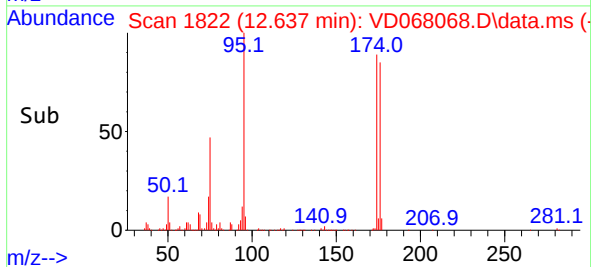
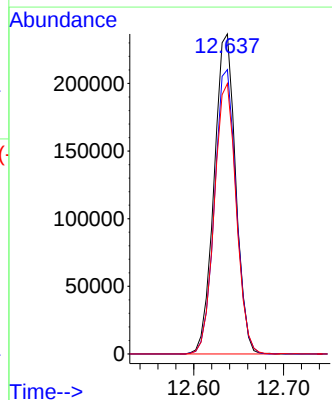
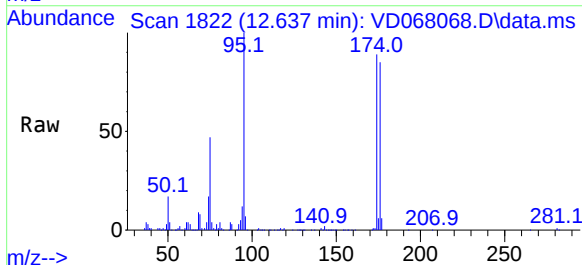
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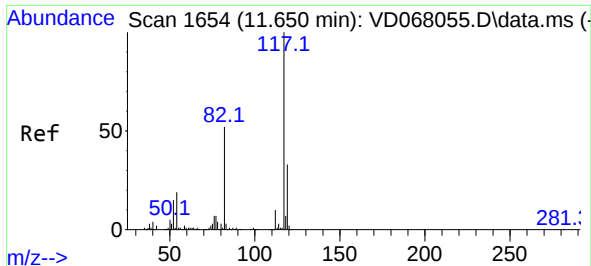
Tgt Ion: 98 Resp: 1114596
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.80 ug/l
RT: 12.637 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion: 95 Resp: 394638
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.4
176 85.6 0.0 168.4

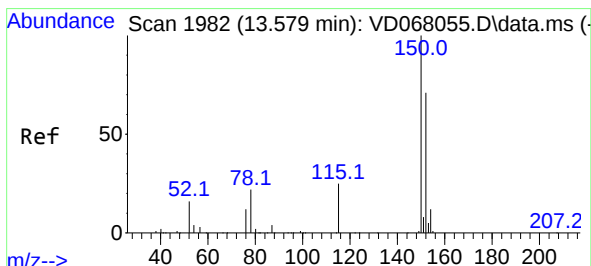
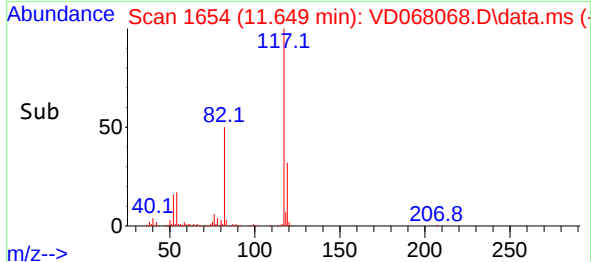
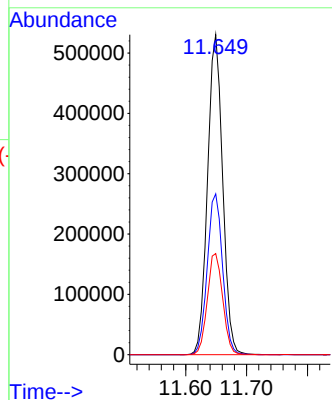
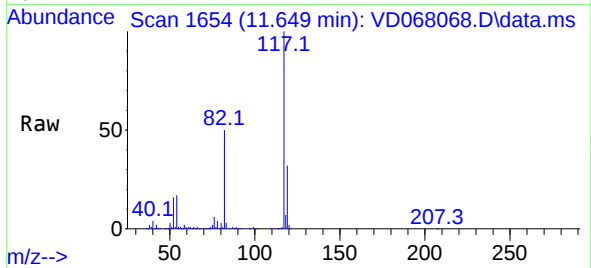




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

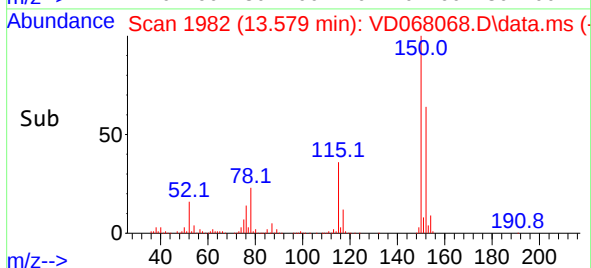
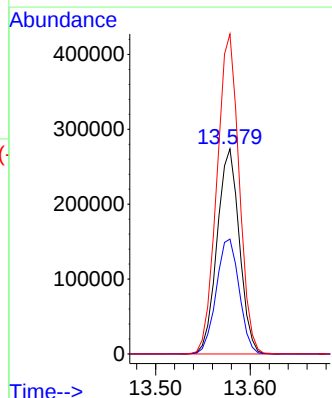
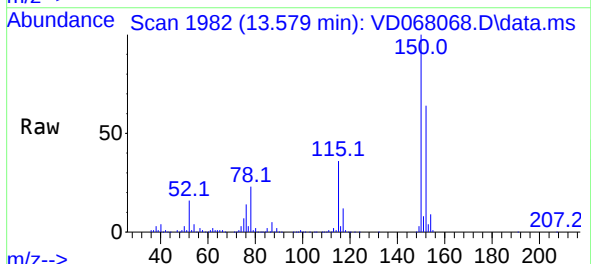
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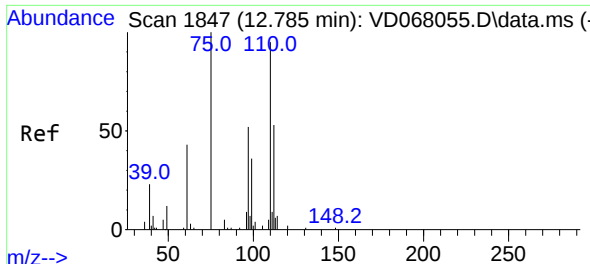
Tgt Ion:	117	Resp:	914172
Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.0
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion:	152	Resp:	447270
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.9	86.8
150	155.9	0.0	344.4

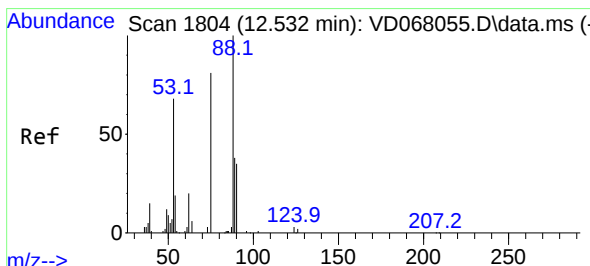
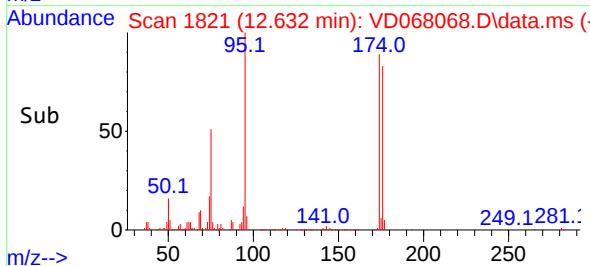
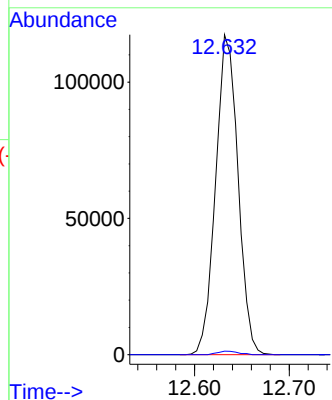
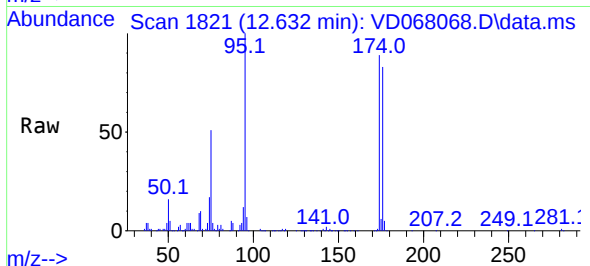




#76
1,2,3-Trichloropropane
Concen: 54.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 75 Resp: 192899
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068068.D
Acq: 13 Jan 2021 13:50

Tgt Ion: 75 Resp: 192899
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.1 40.3 60.5#

