

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064699.D
 Acq On : 31 Dec 2019 17:12
 Operator : VA/SY
 Sample : K6463-03
 Misc : 6.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-7-(1-3)

Quant Time: Jan 01 07:41:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	156089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	241337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118440	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	107354	78.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.00%	
35) Dibromofluoromethane	7.92	113	92557	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
50) Toluene-d8	10.34	98	304497	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.64	95	100694	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	

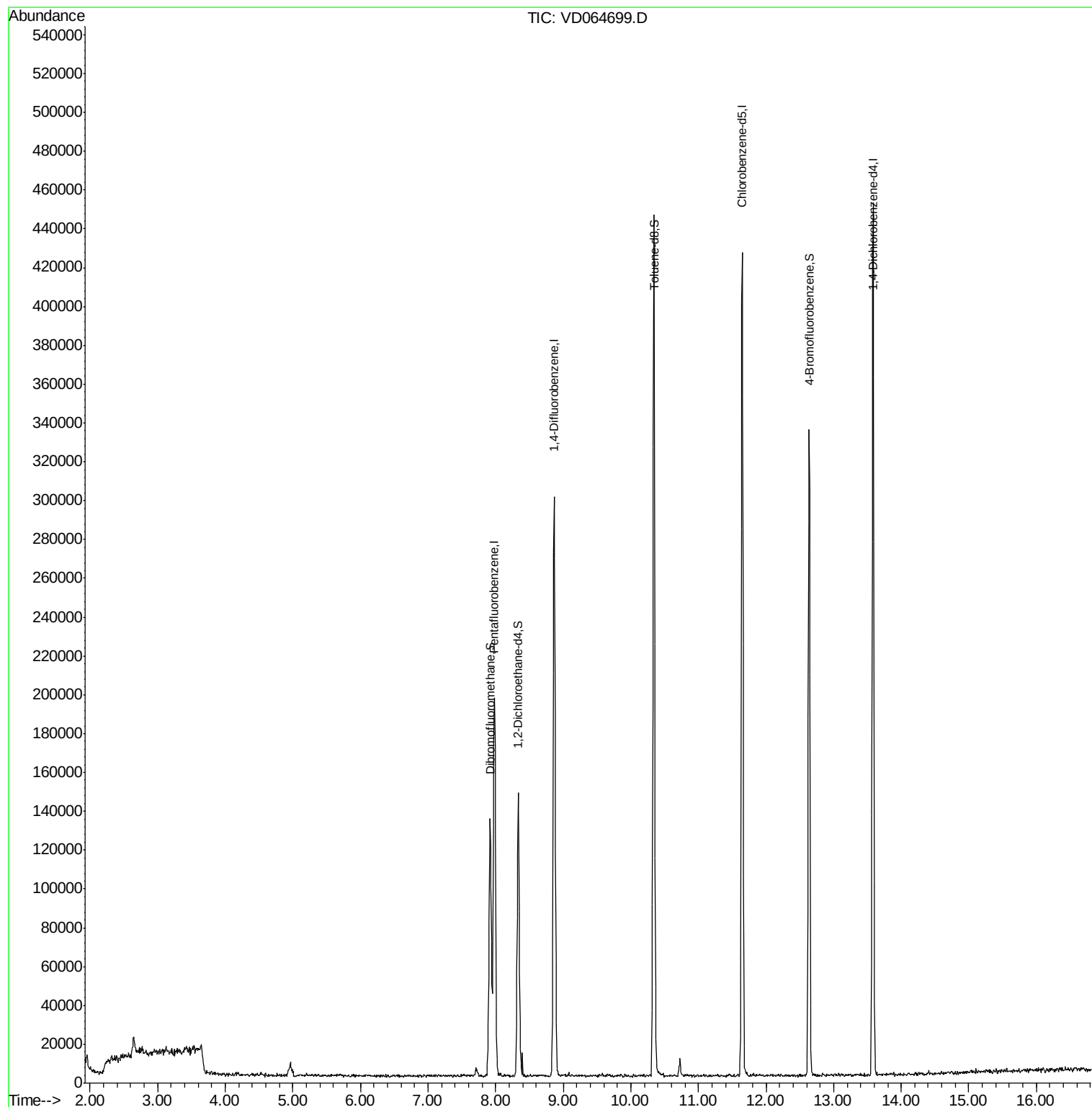
Target Compounds	Qvalue
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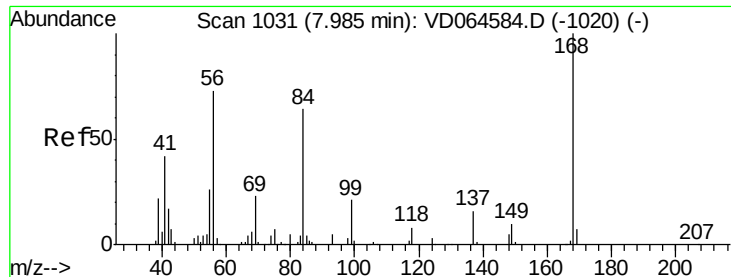
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

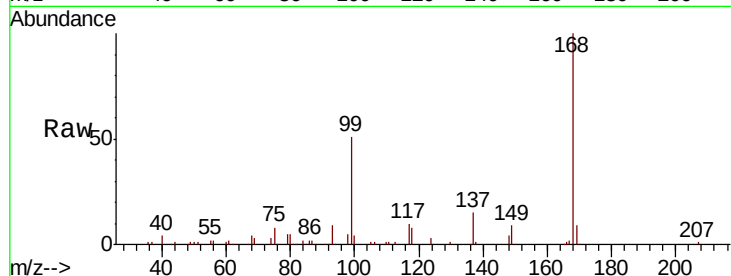
GP-7-(1-3)

Tot Ion:168 Resp: 156089

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

60000

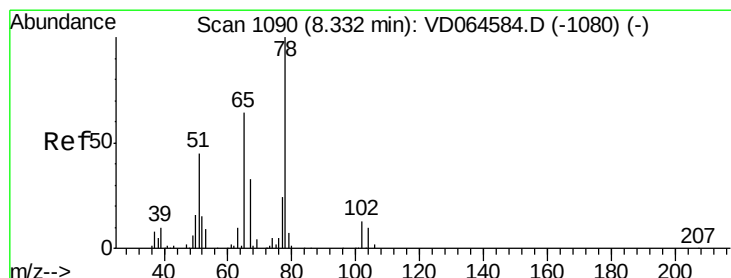
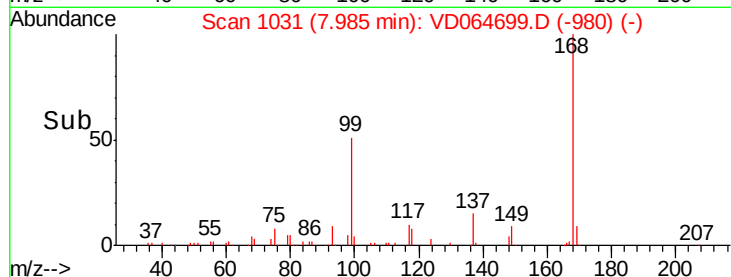
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 77.998 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064699.D

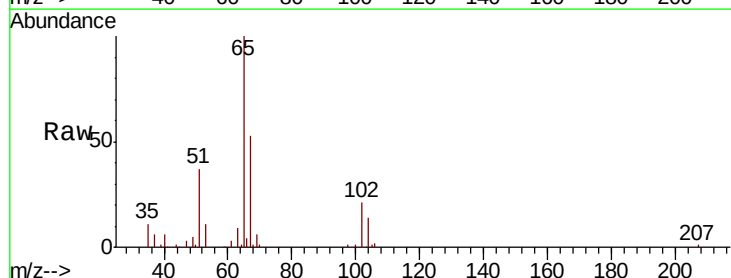
Acq: 31 Dec 2019 17:12

Tgt Ion: 65 Resp: 107354

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

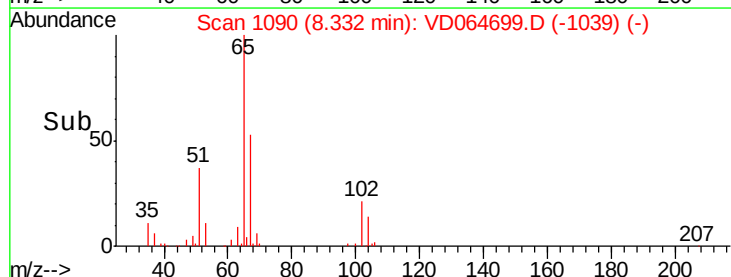
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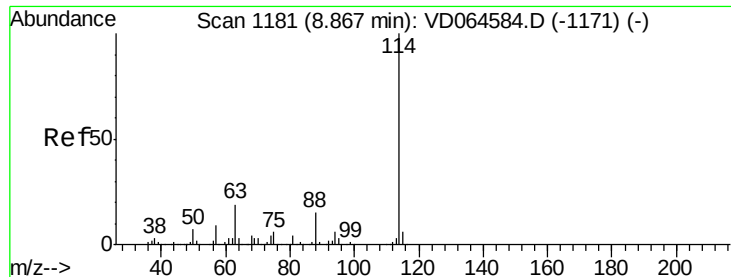
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0

8.25 8.30 8.35 8.40

Time-->

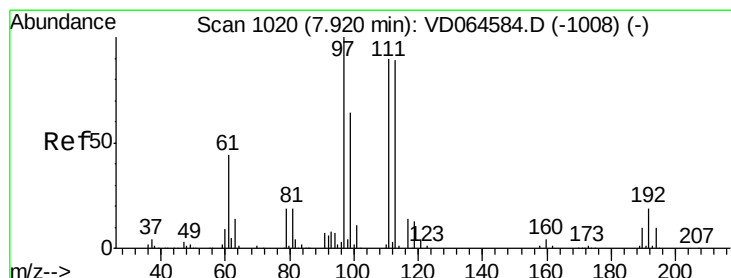
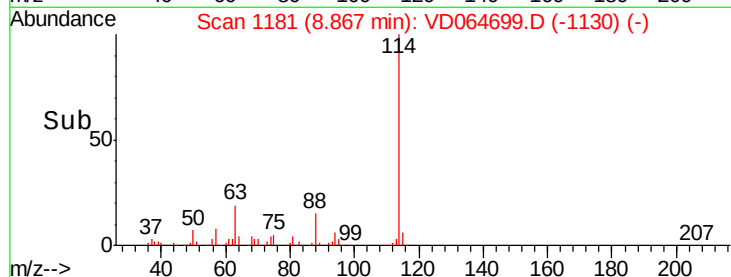
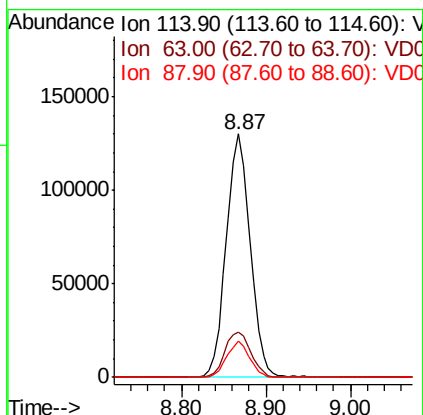
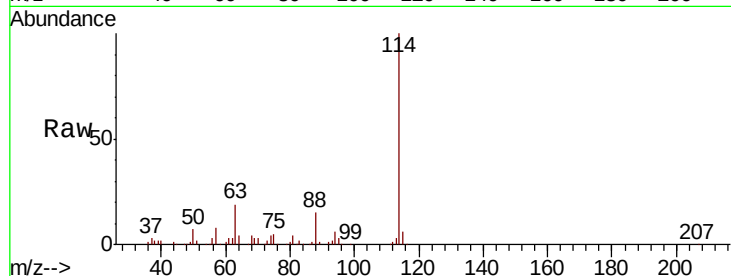




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

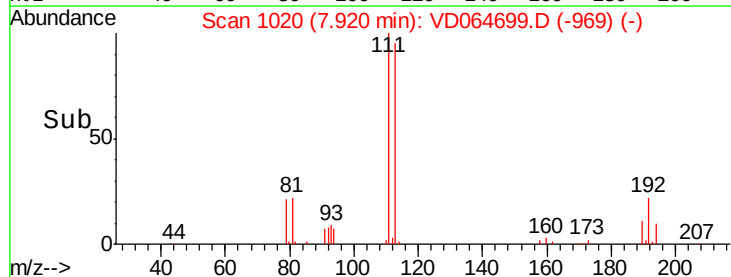
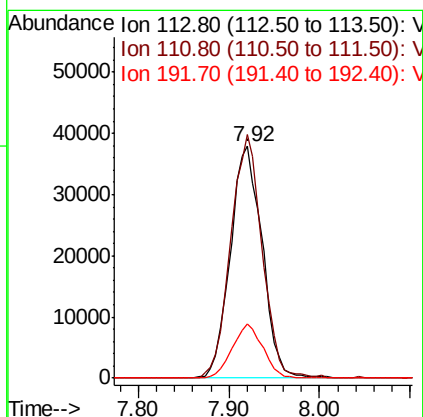
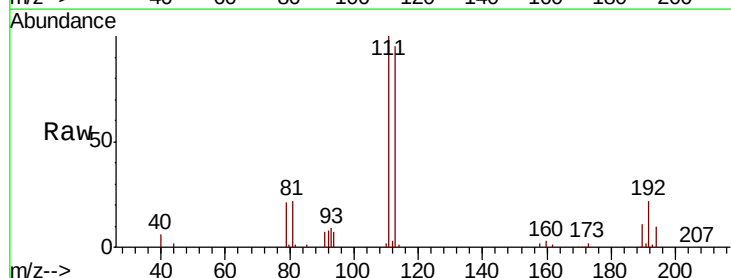
Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

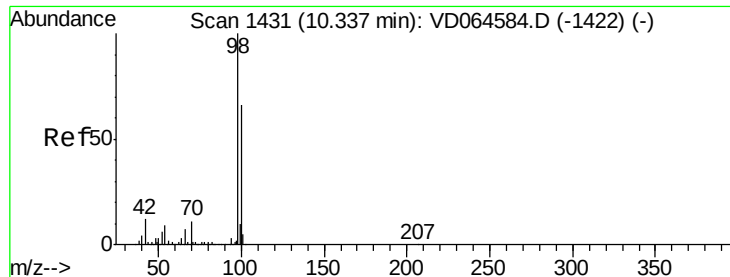
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.0
88	14.9	0.0	29.2



#35
Dibromofluoromethane
Concen: 59.162 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	121.0
192	22.3	17.9	26.9

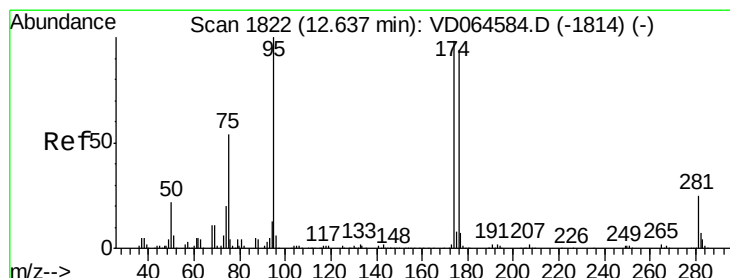
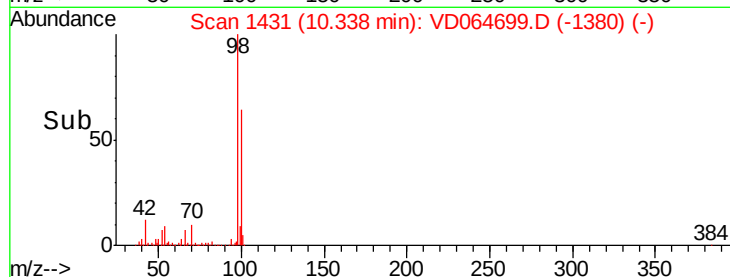
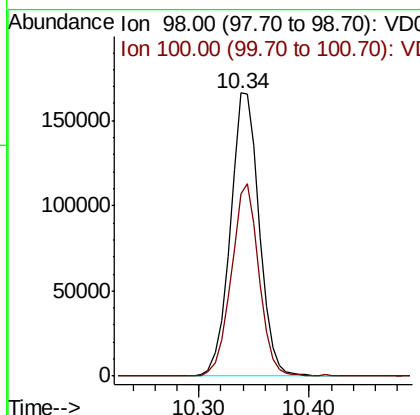
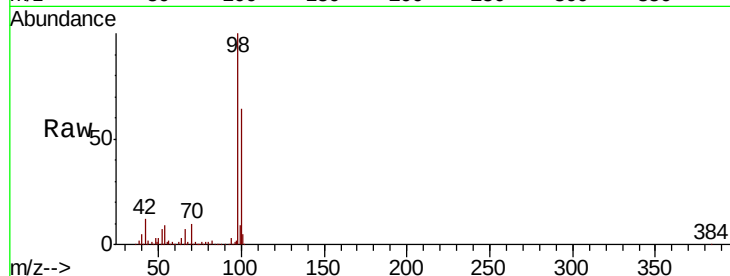




#50
Toluene-d8
Concen: 50.820 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

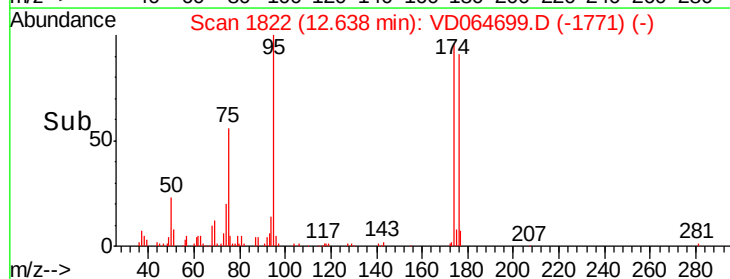
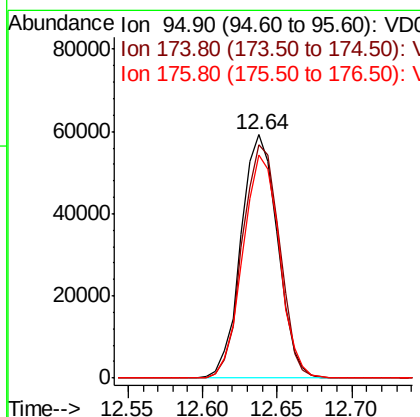
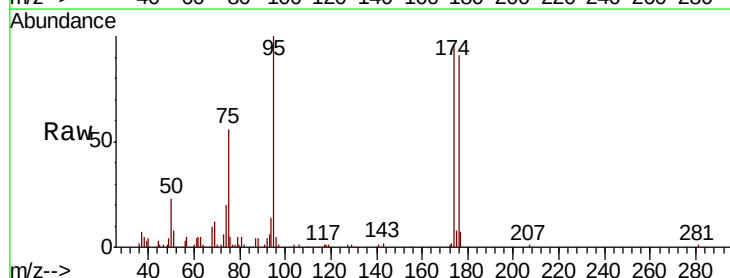
Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

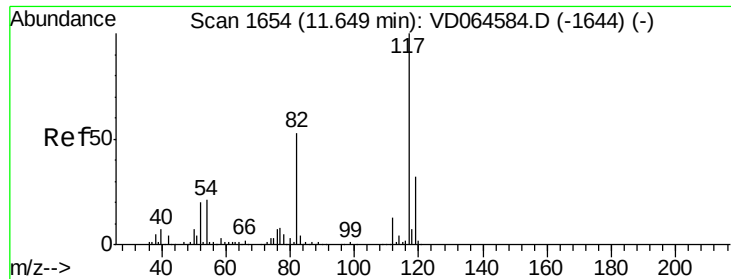
Tot Ion: 98 Resp: 304497
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.147 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion: 95 Resp: 100694
Ion Ratio Lower Upper
95 100
174 96.9 0.0 193.2
176 91.6 0.0 184.2

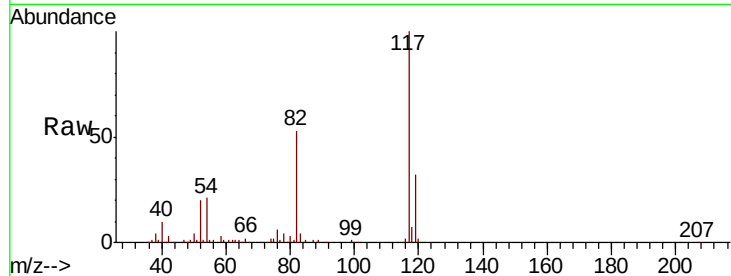




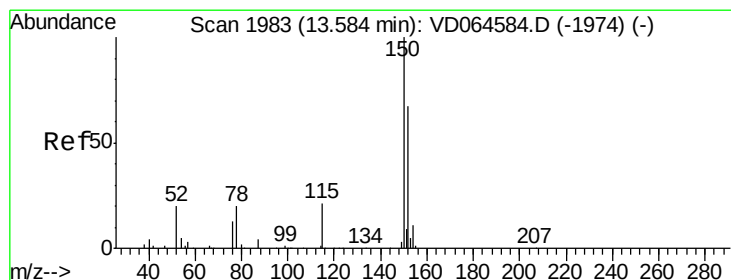
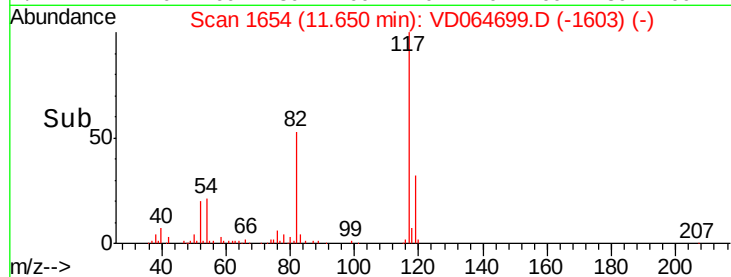
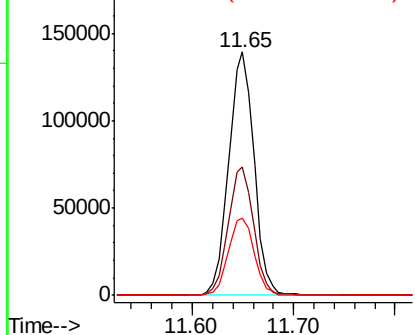
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	31.7	26.0	39.0

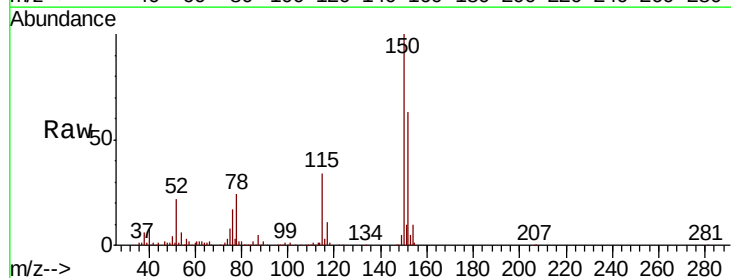


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	157.4	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

