

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064607.D
 Acq On : 26 Dec 2019 18:59
 Operator : VA/SY
 Sample : K6437-06
 Misc : 7.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-3-(3-5)

Quant Time: Dec 27 04:30:12 2019
 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

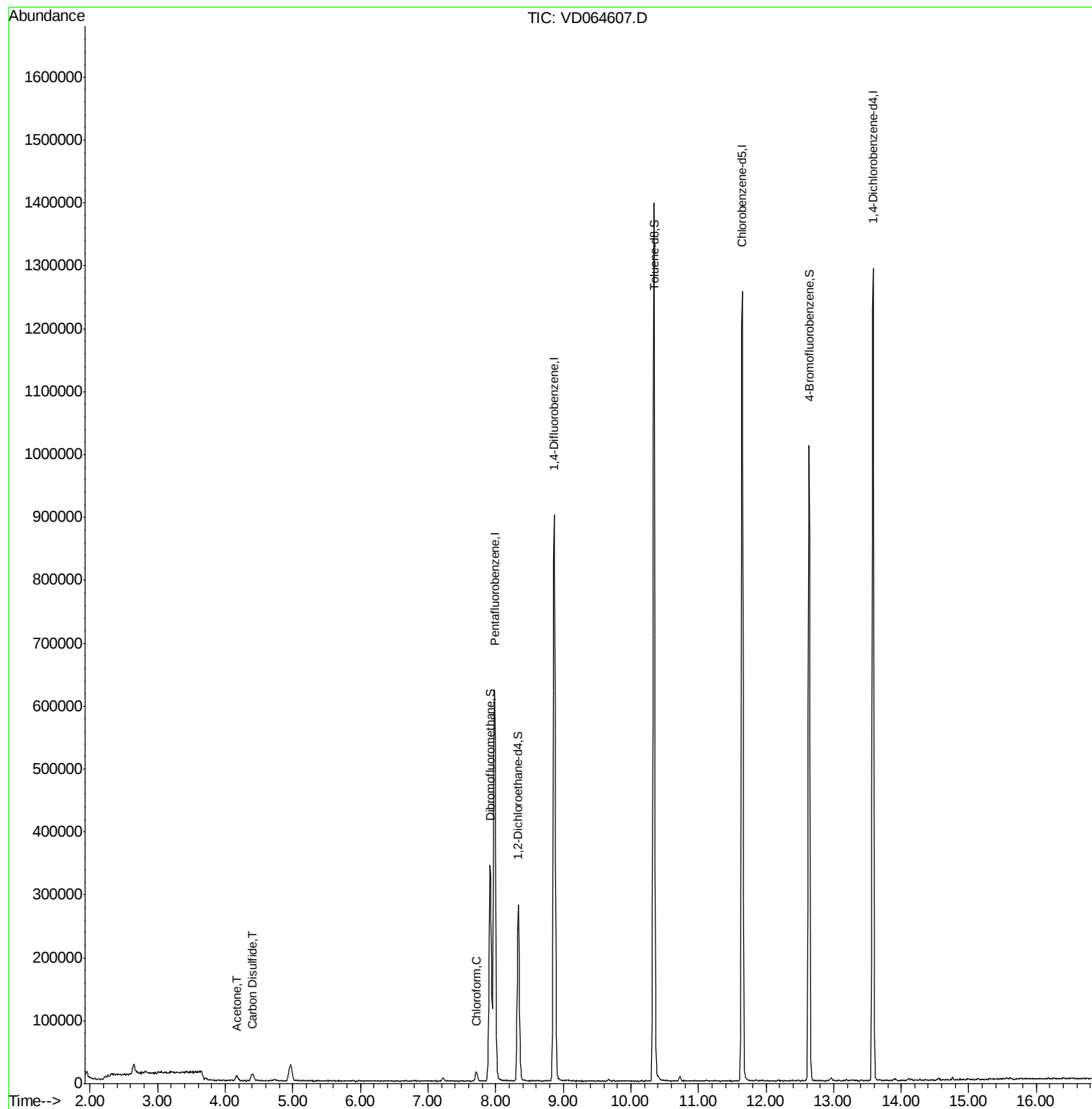
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	498718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	726480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	221876	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.92	113	243779	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.34	98	941024	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	306407	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
Target Compounds						
16) Acetone	4.17	43	13125	16.698	ug/l	90
17) Carbon Disulfide	4.40	76	24277	1.711	ug/l #	93
30) Chloroform	7.71	83	13277	1.545	ug/l	88

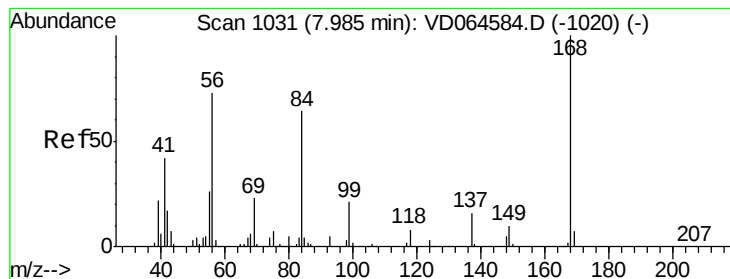
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064607.D

Acq: 26 Dec 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

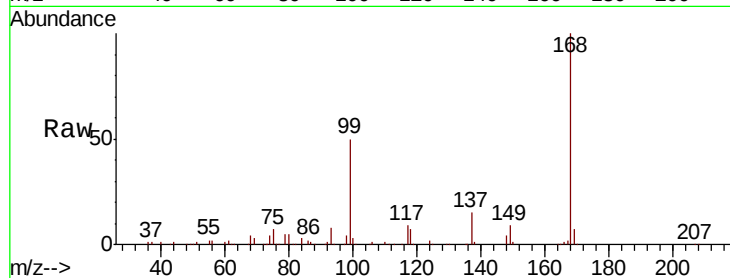
GP-3-(3-5)

Tot Ion:168 Resp: 498718

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

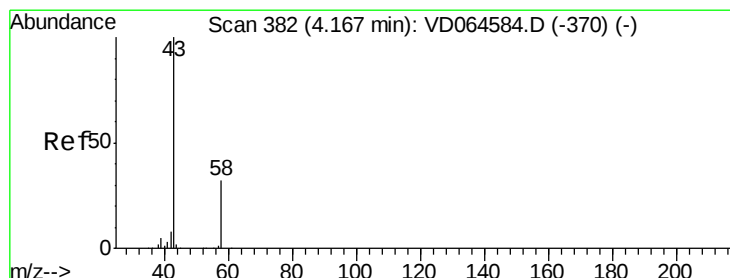
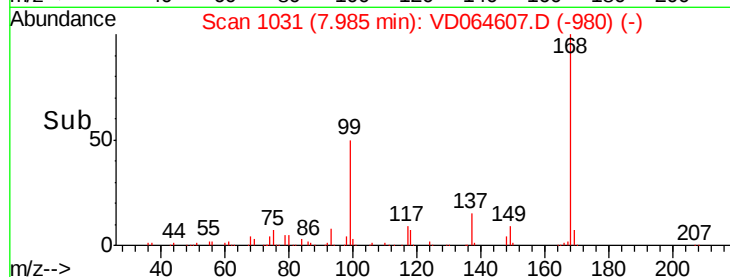
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.698 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064607.D

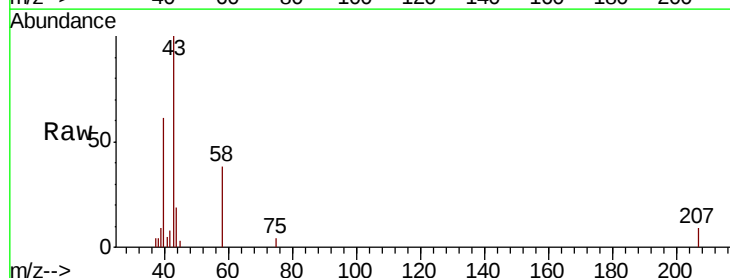
Acq: 26 Dec 2019 18:59

Tgt Ion: 43 Resp: 13125

Ion Ratio Lower Upper

43 100

58 37.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

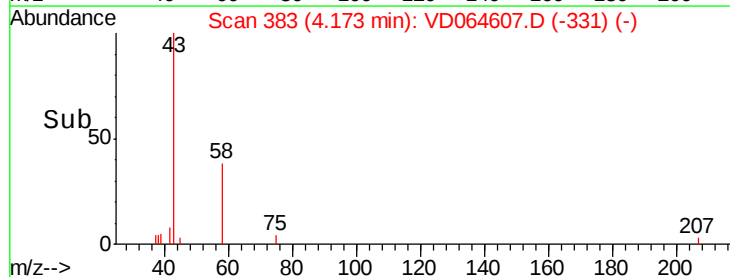
3000

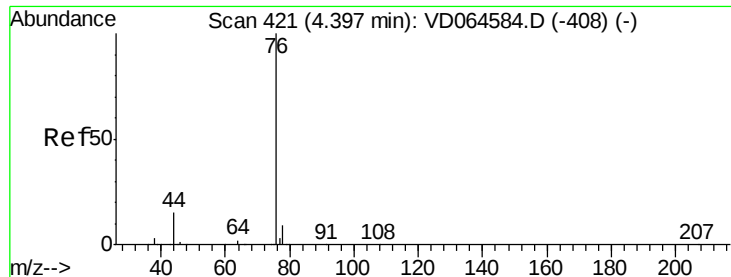
2000

1000

0

Time-->

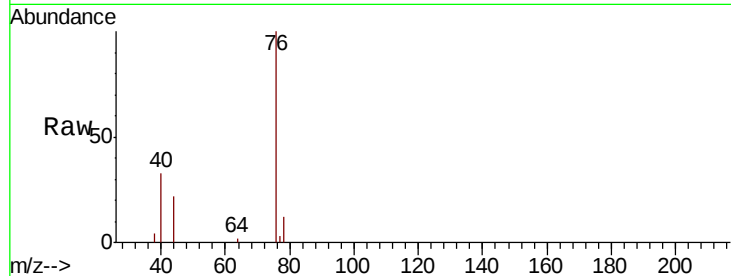




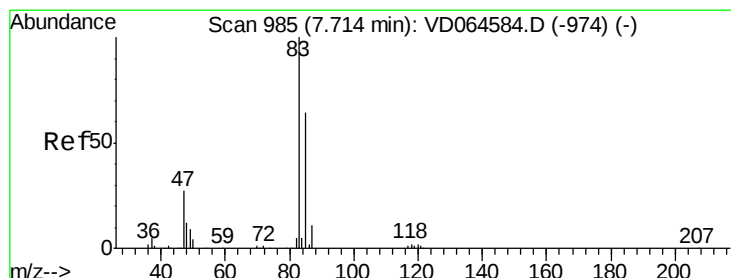
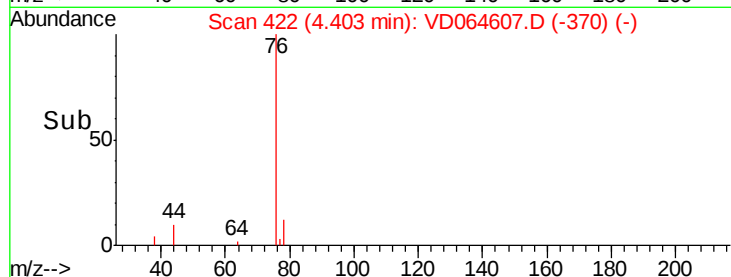
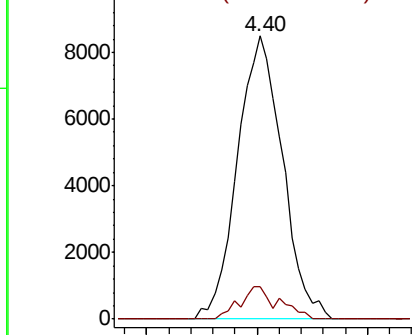
#17
Carbon Disulfide
Concen: 1.711 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
GP-3-(3-5)

Tot Ion: 76 Resp: 24277
Ion Ratio Lower Upper
76 100
78 11.6 7.3 10.9#

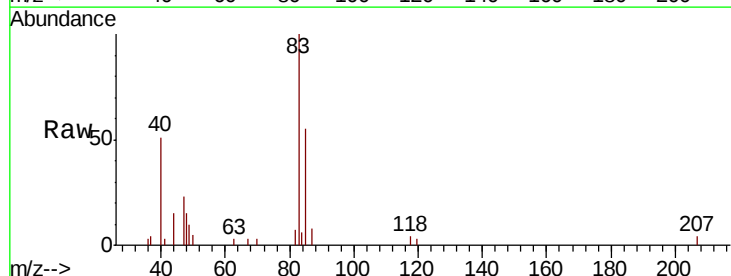


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

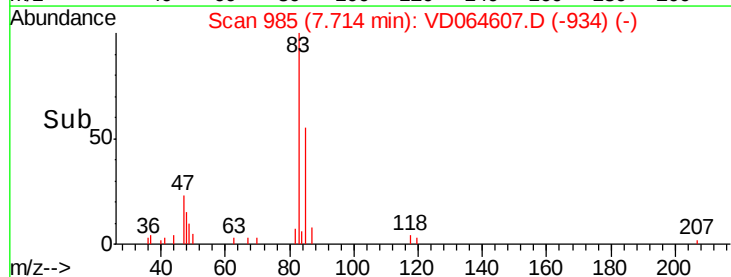
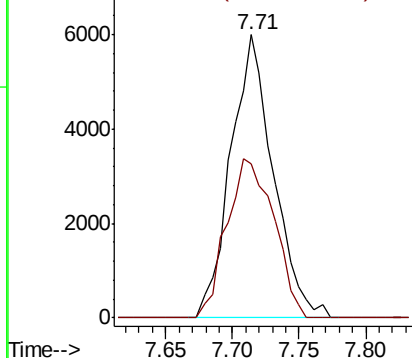


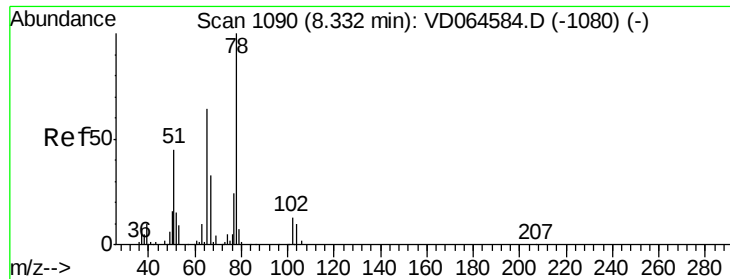
#30
Chloroform
Concen: 1.545 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

Tgt Ion: 83 Resp: 13277
Ion Ratio Lower Upper
83 100
85 54.6 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.453 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064607.D

Acq: 26 Dec 2019 18:59

Instrument :

MSVOA_D

ClientSampled :

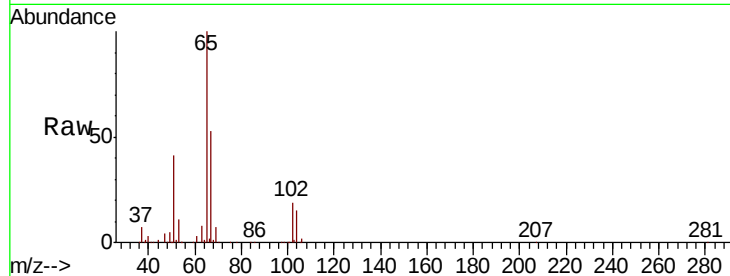
GP-3-(3-5)

Tot Ion: 65 Resp: 221876

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

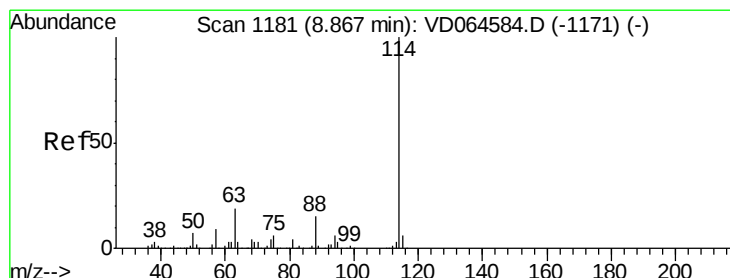
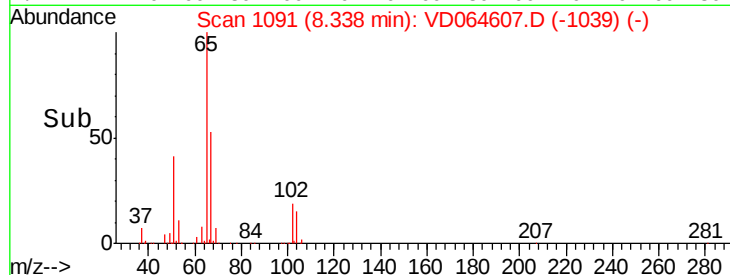
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064607.D

Acq: 26 Dec 2019 18:59

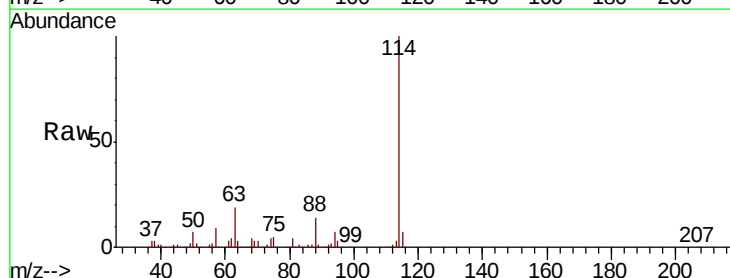
Tgt Ion:114 Resp: 786299

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 14.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

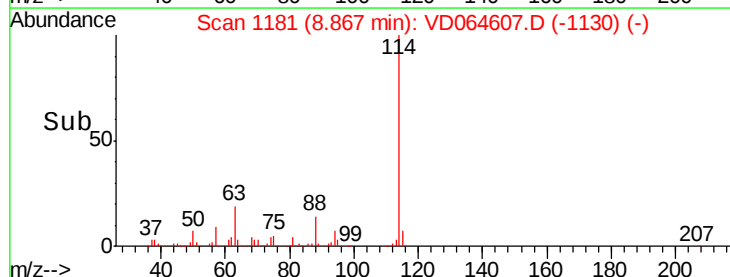
300000

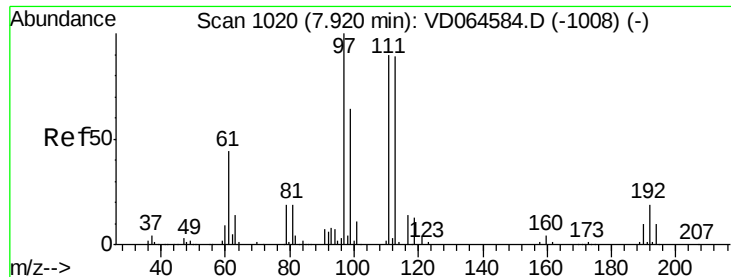
200000

100000

0

Time--> 8.80 8.90 9.00

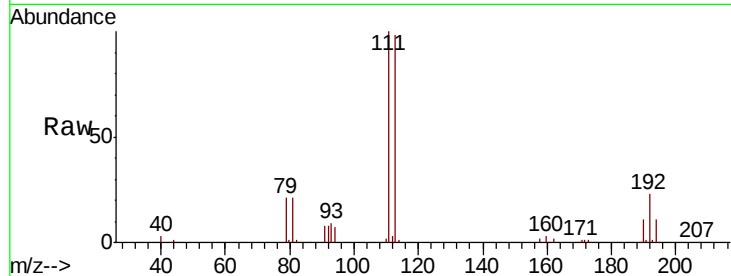




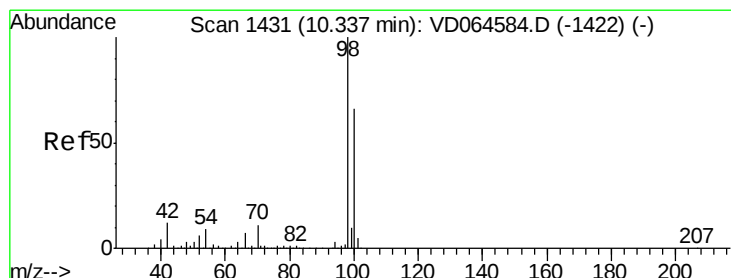
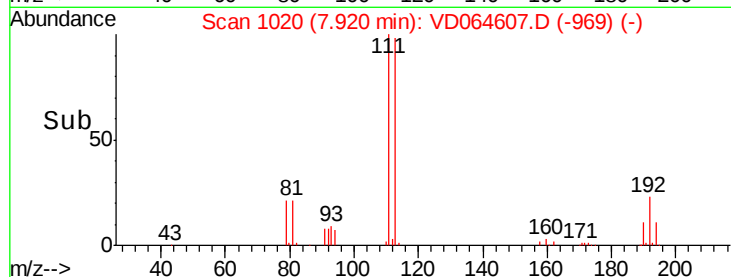
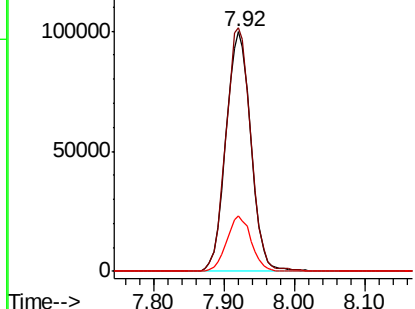
#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
GP-3-(3-5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	22.7	17.9	26.9

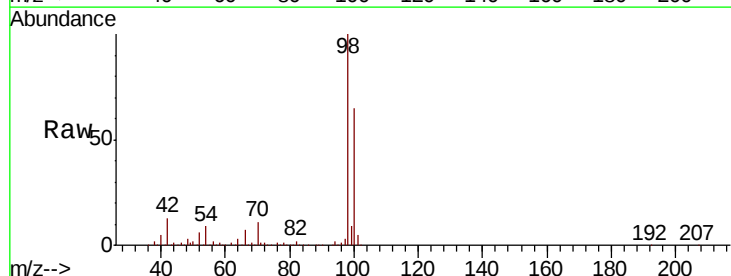


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

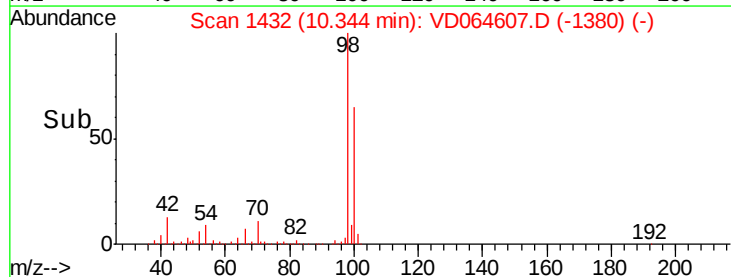
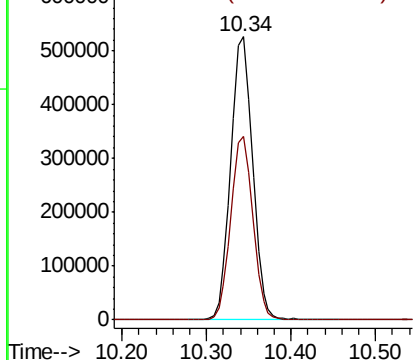


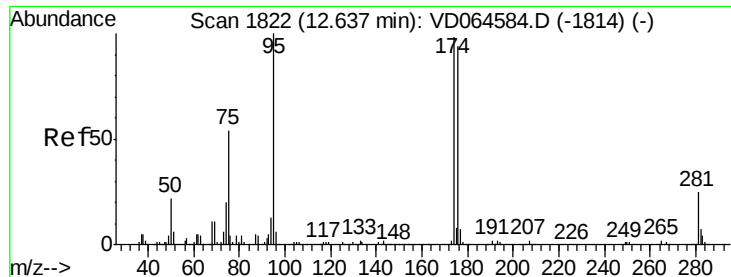
#50
Toluene-d8
Concen: 50.933 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

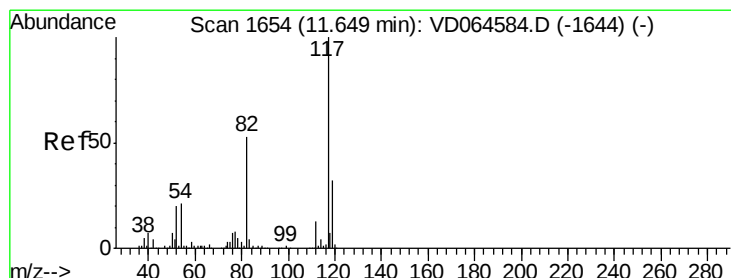
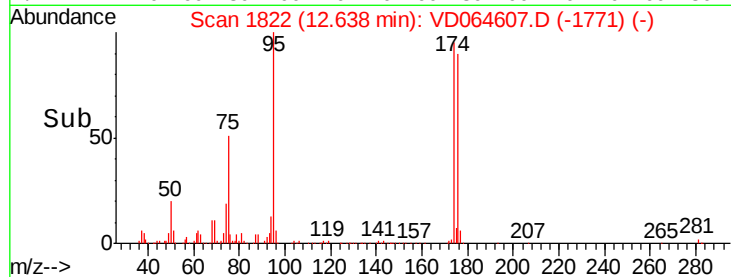
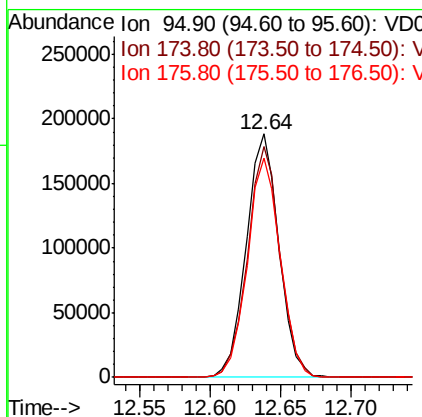
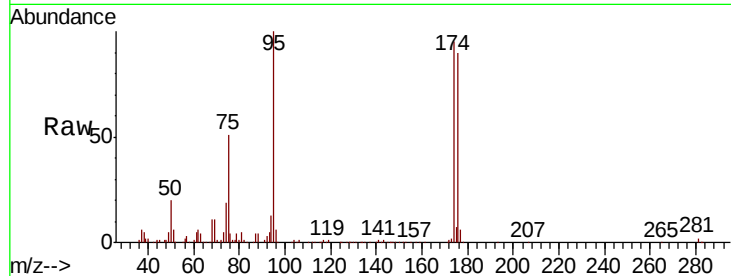




#62
4-Bromofluorobenzene
Concen: 52.447 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

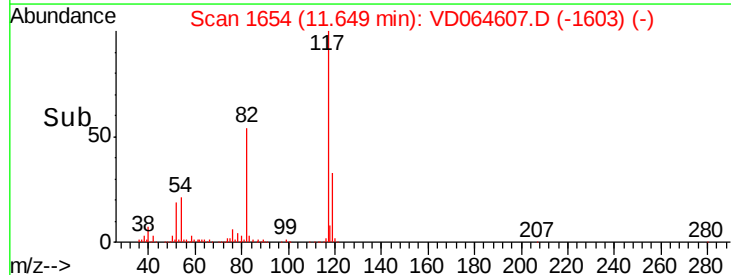
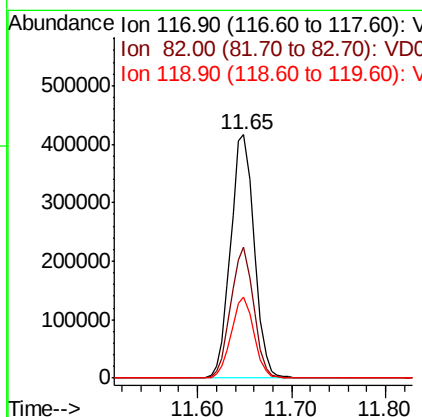
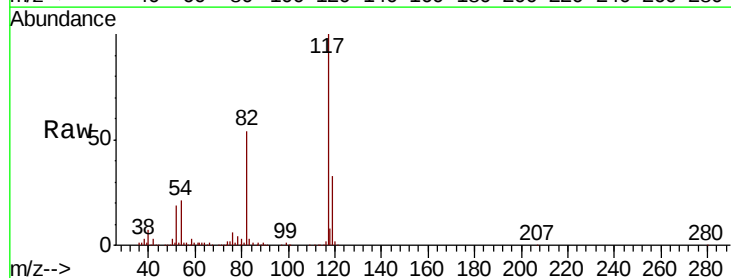
Instrument :
MSVOA_D
ClientSampleId :
GP-3-(3-5)

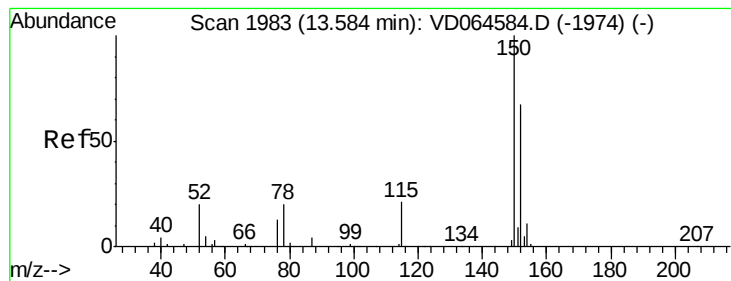
Tot Ion	95	Resp	306407
Ion Ratio	Lower	Upper	
95	100		
174	93.8	0.0	193.2
176	90.7	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064607.D
Acq: 26 Dec 2019 18:59

Tgt Ion	117	Resp	726480
Ion Ratio	Lower	Upper	
117	100		
82	53.8	42.2	63.4
119	33.1	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064607.D

Acq: 26 Dec 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

GP-3-(3-5)

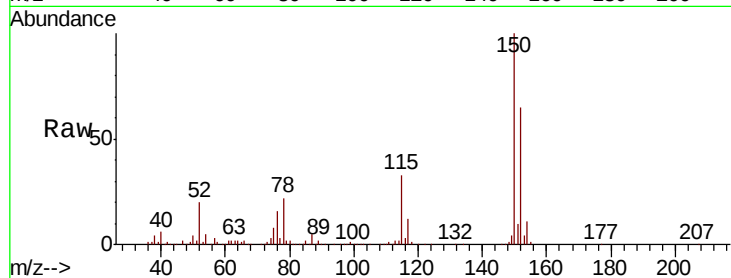
Tot Ion:152 Resp: 349381

Ion Ratio Lower Upper

152 100

115 53.2 27.8 83.4

150 155.2 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

