

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064816.D
 Acq On : 09 Jan 2020 14:51
 Operator : VA/SY
 Sample : L1051-03
 Misc : 6.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4G-(18-20)

Quant Time: Jan 09 16:21:58 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

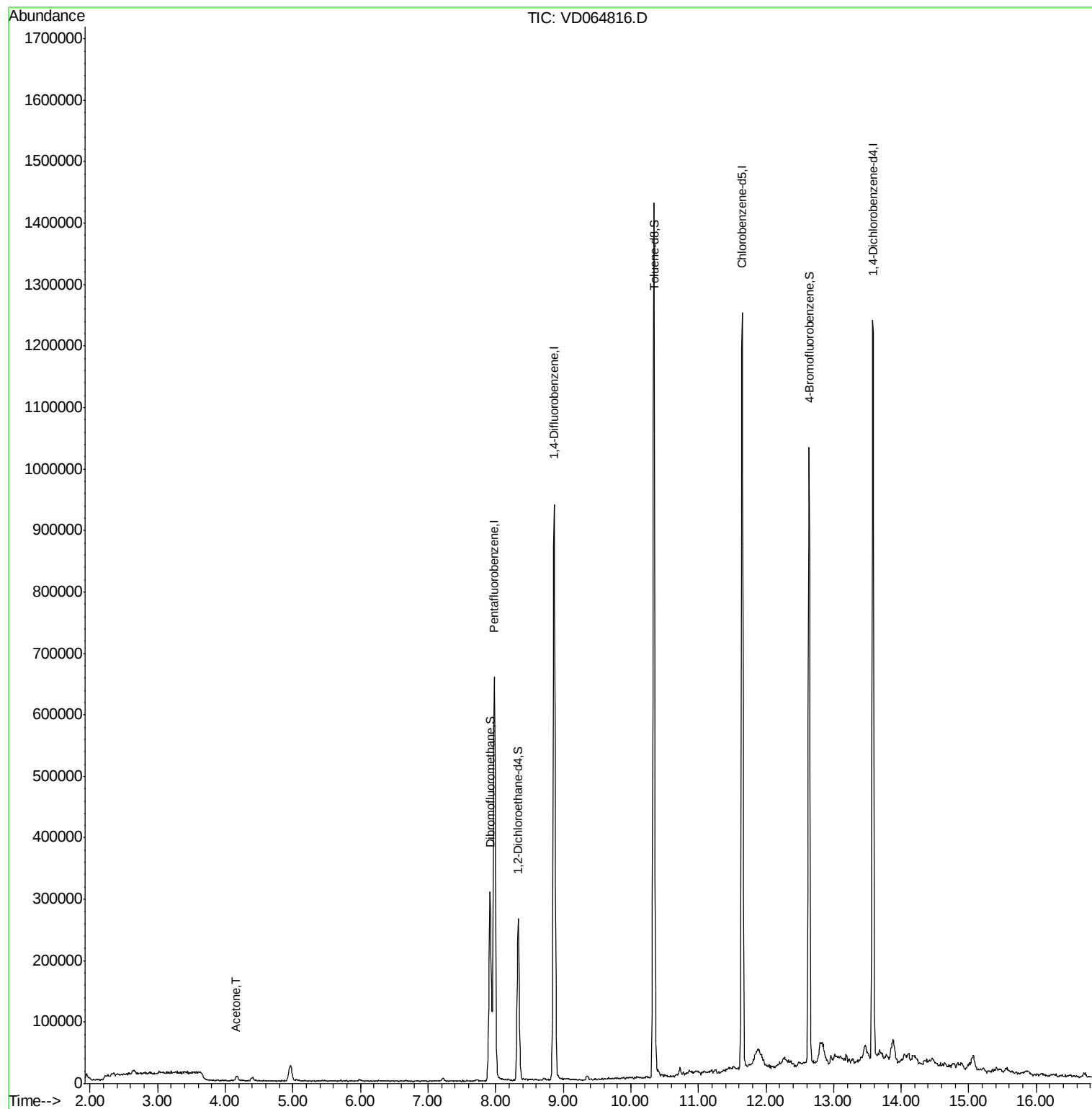
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	701958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	205578	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	7.91	113	210360	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
50) Toluene-d8	10.34	98	947823	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.64	95	289368	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
Target Compounds						
16) Acetone	4.16	43	14060	17.803	ug/l #	Qvalue 82

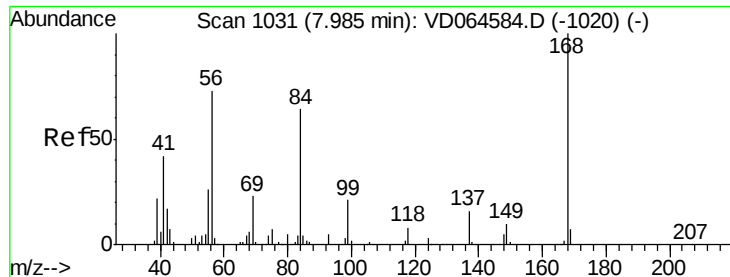
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

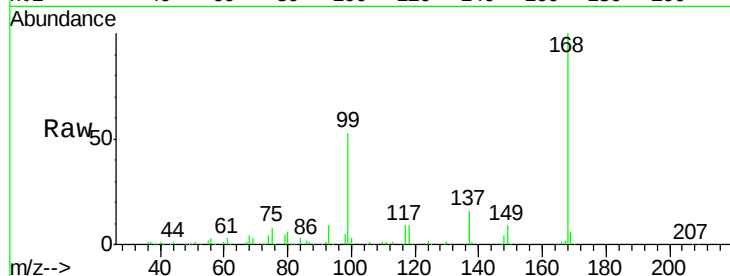
SB-4G-(18-20)

Tot Ion:168 Resp: 491102

Ion Ratio Lower Upper

168 100

99 53.0 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

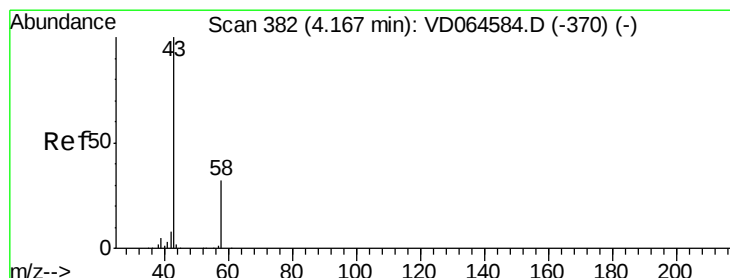
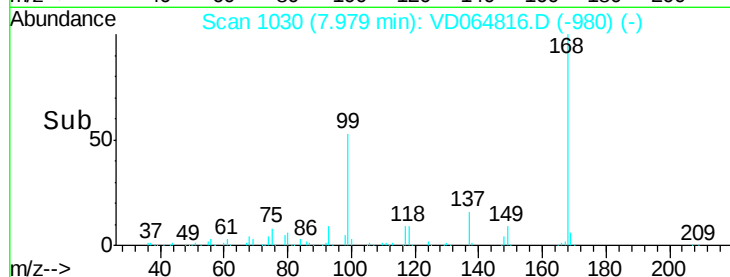
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.803 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064816.D

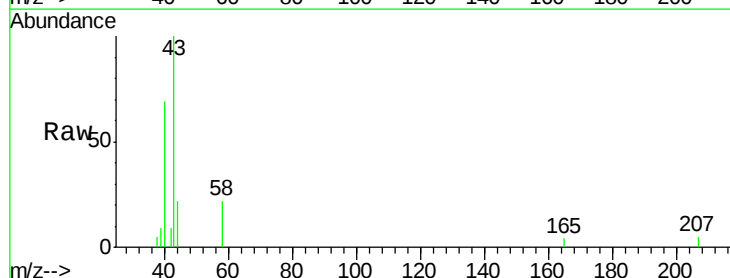
Acq: 09 Jan 2020 14:51

Tgt Ion: 43 Resp: 14060

Ion Ratio Lower Upper

43 100

58 22.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

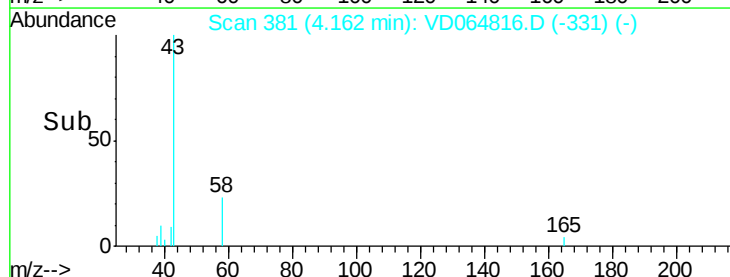
3000

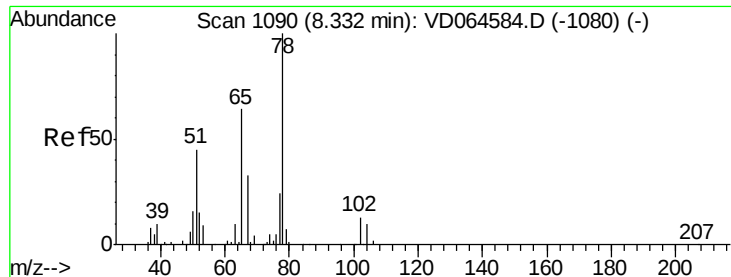
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

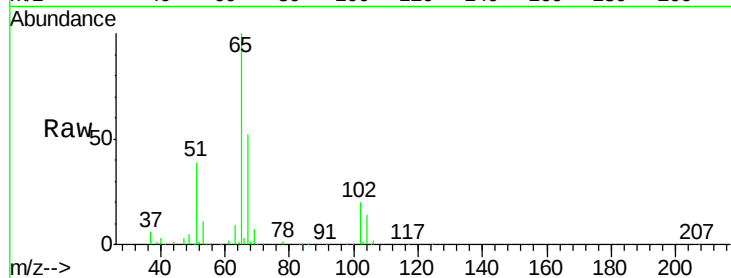
SB-4G-(18-20)

Tot Ion: 65 Resp: 205578

Ion Ratio Lower Upper

65 100

67 52.2 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

100000

80000

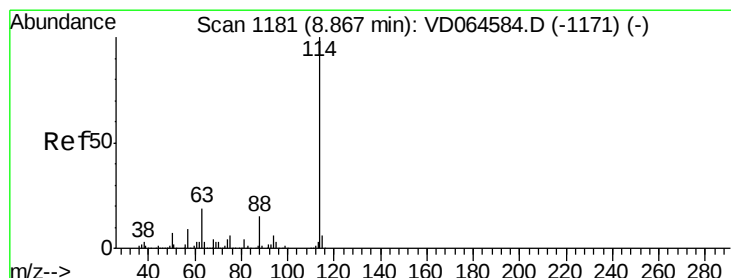
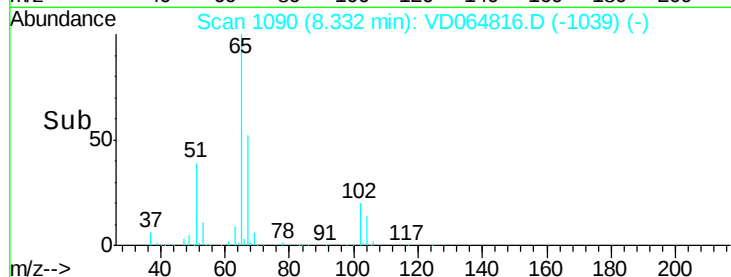
60000

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: VD064816.D

Acq: 09 Jan 2020 14:51

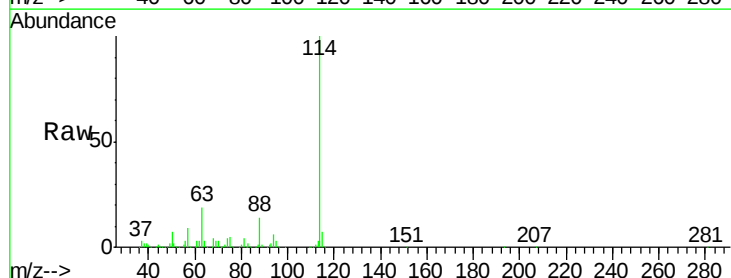
Tgt Ion: 114 Resp: 786003

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

88 13.5 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

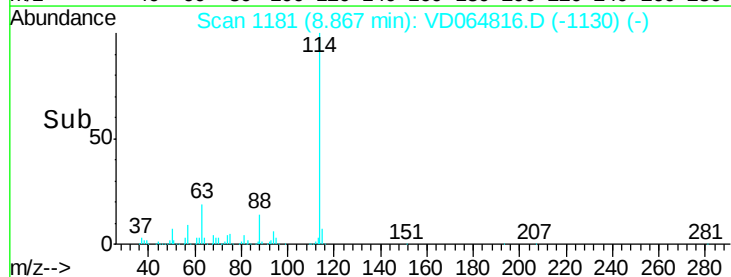
300000

200000

100000

0

Time--> 8.80 8.90 9.00

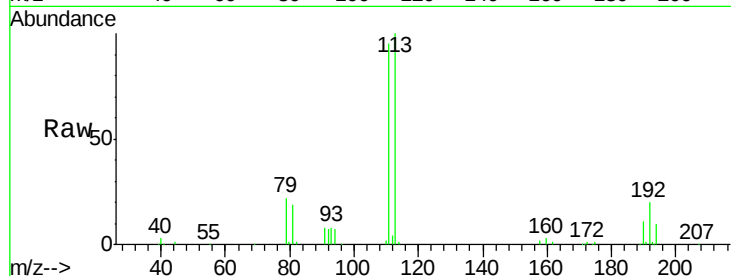




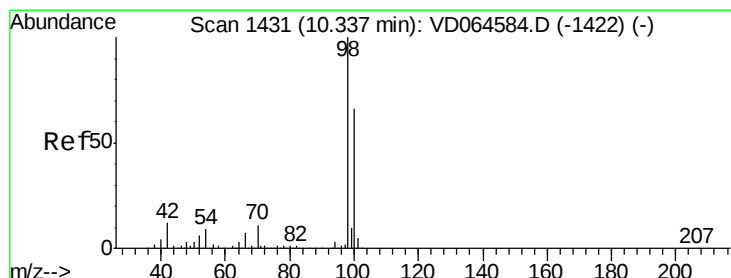
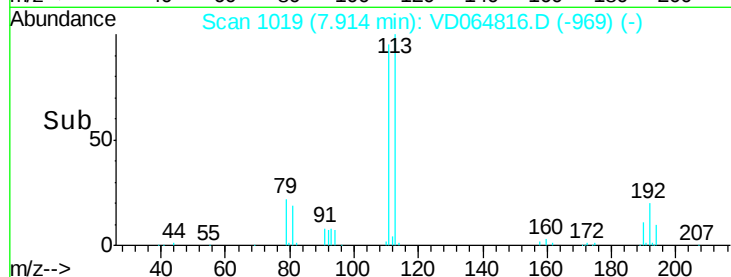
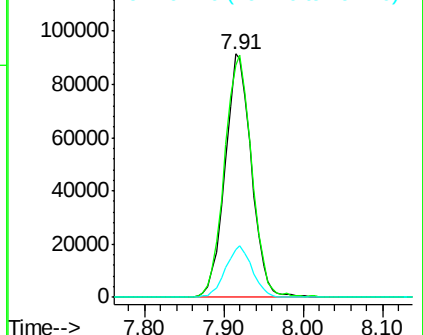
#35
Dibromofluoromethane
Concen: 43.623 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Instrument :
MSVOA_D
ClientSampleId :
SB-4G-(18-20)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.6	121.0
192	21.4	17.9	26.9

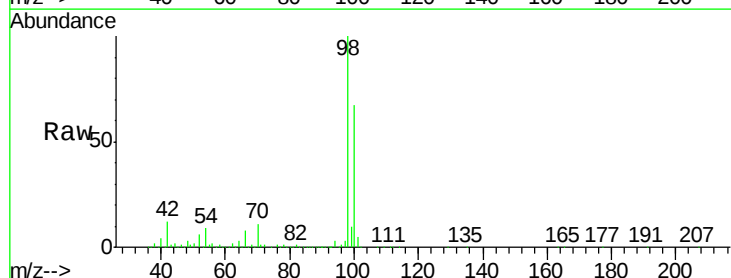


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

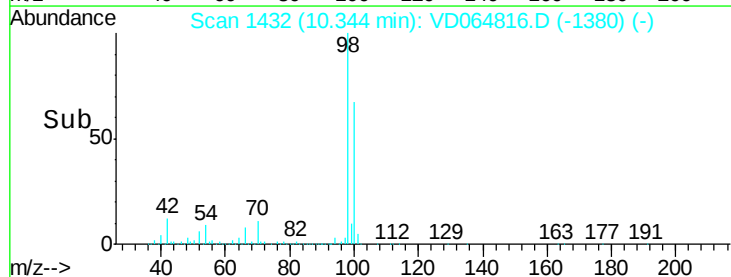
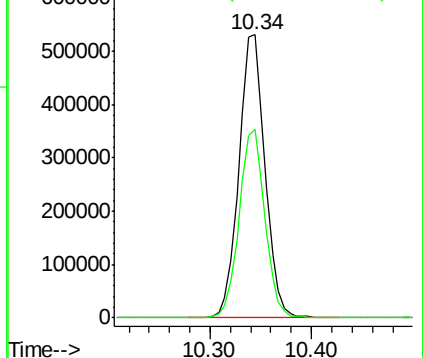


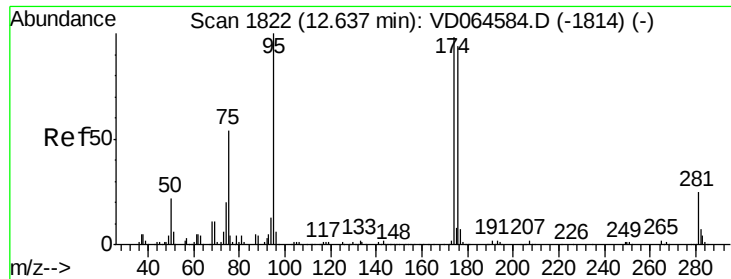
#50
Toluene-d8
Concen: 51.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.7	77.5



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

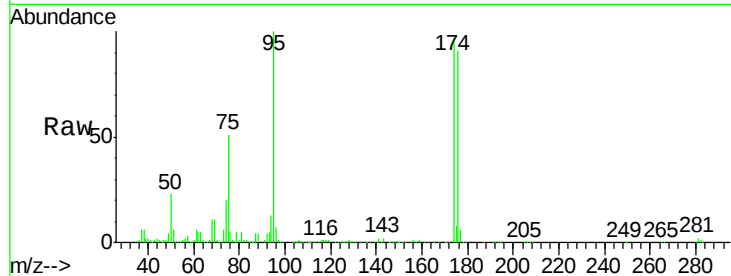




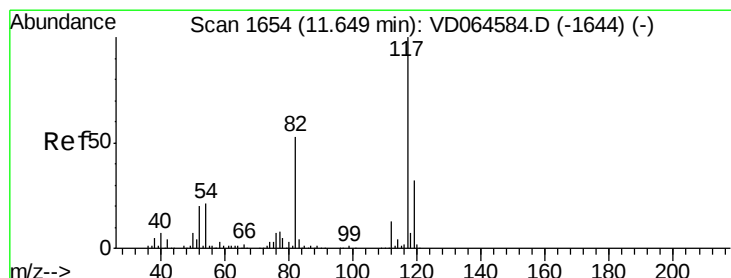
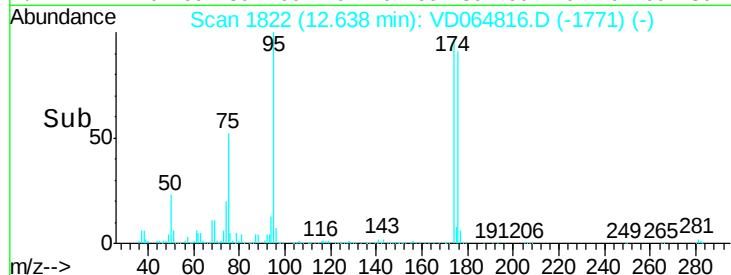
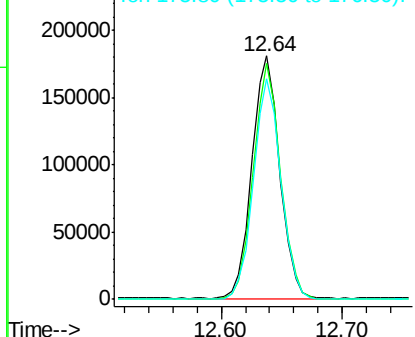
#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Instrument :
MSVOA_D
ClientSampleId :
SB-4G-(18-20)

Tot Ion: 95 Resp: 289368
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 89.9 0.0 184.2

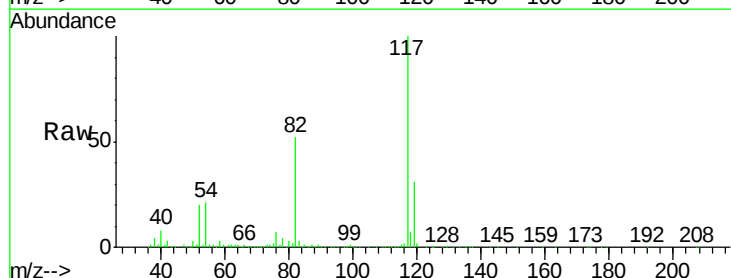


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

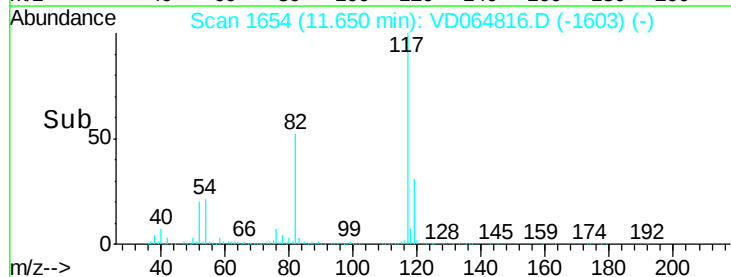
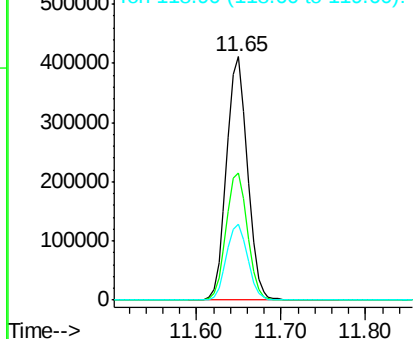


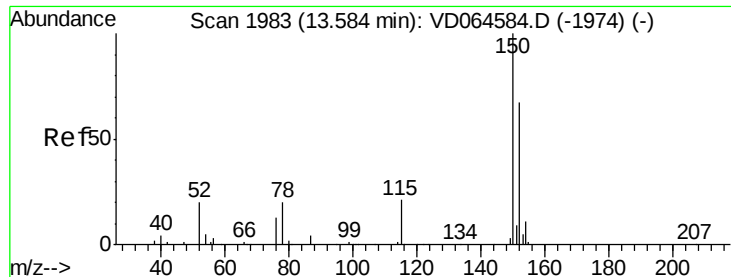
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Tgt Ion: 117 Resp: 701958
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 31.4 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: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

SB-4G-(18-20)

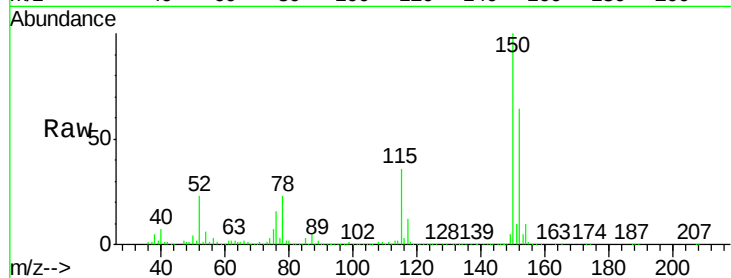
Tot Ion:152 Resp: 325030

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 155.7 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

