

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062309.D
 Acq On : 13 May 2019 17:16
 Operator : FY/SY
 Sample : K2734-06
 Misc : 3.84g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-02

Quant Time: May 15 01:53:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

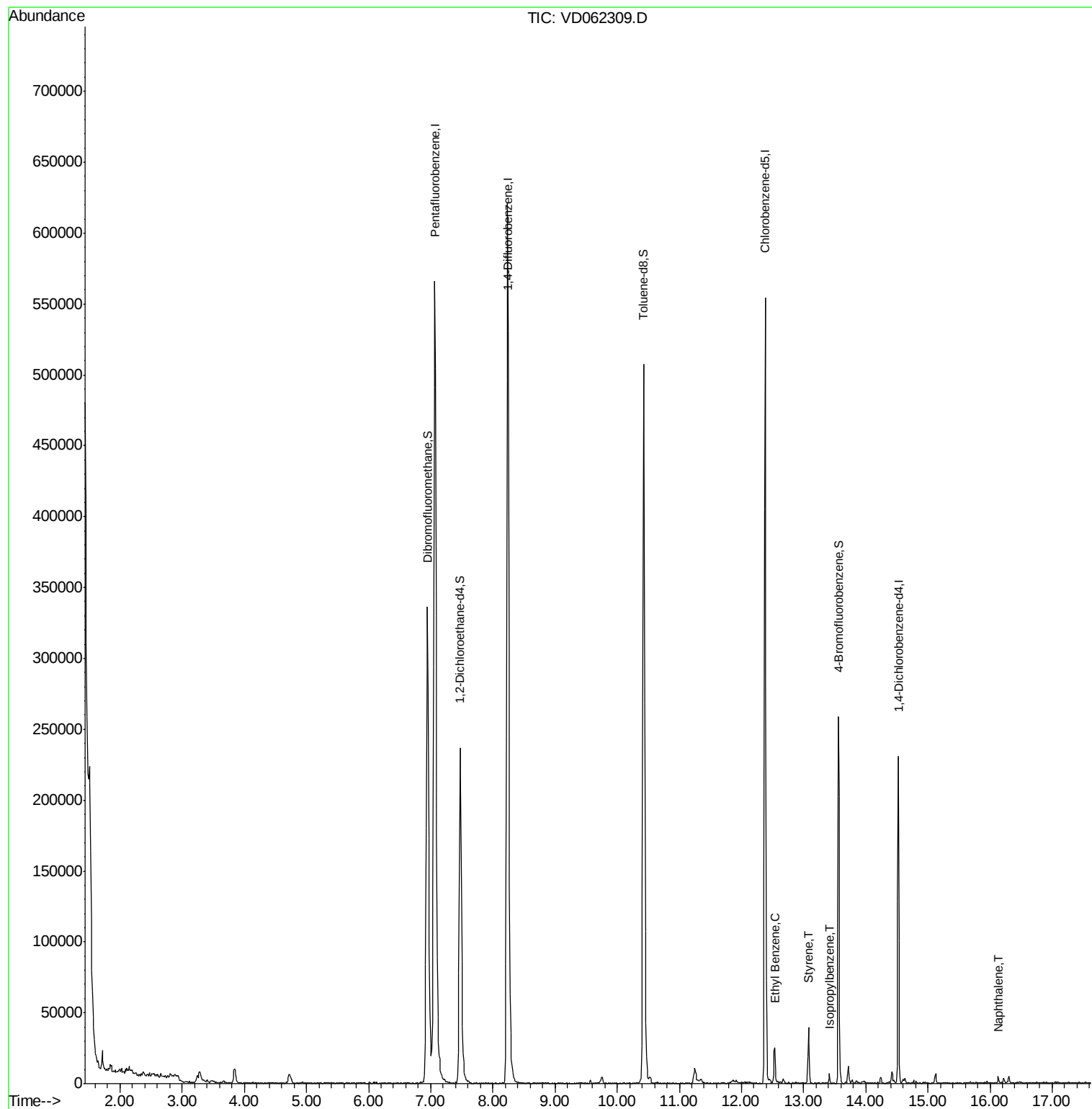
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	533139	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	653739	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	283881	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	47169	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	264101	53.30	ug/l	0.04
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	6.95	113	291899	53.81	ug/l	0.05
Spiked Amount 50.000			Recovery	=	107.62%	
50) Toluene-d8	10.42	98	421216	32.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.42%	
62) 4-Bromofluorobenzene	13.56	95	74632	14.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	28.42%	
Target Compounds						
67) Ethyl Benzene	12.54	91	18564	2.097	ug/l	93
70) Styrene	13.08	104	15896	3.134	ug/l	95
73) Isopropylbenzene	13.41	105	4317	1.527	ug/l	86
95) Naphthalene	16.13	128	3445	2.847	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062309.D

Acq: 13 May 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

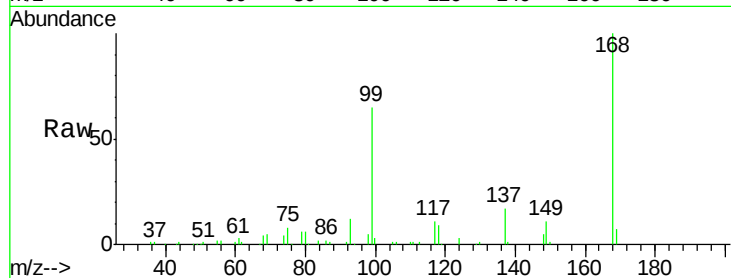
P026-SS012-0002-02

Tot Ion:168 Resp: 533139

Ion Ratio Lower Upper

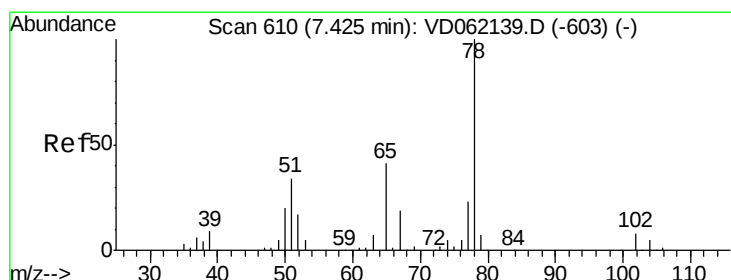
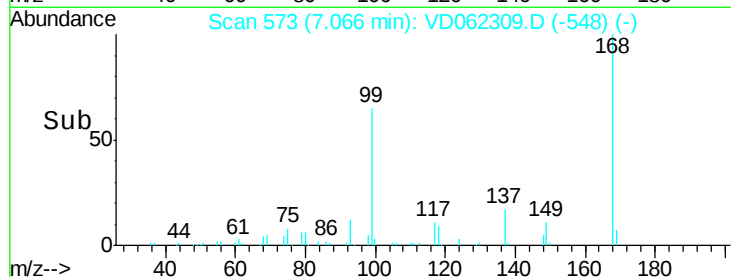
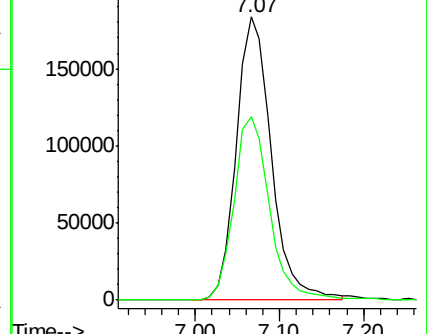
168 100

99 64.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.305 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062309.D

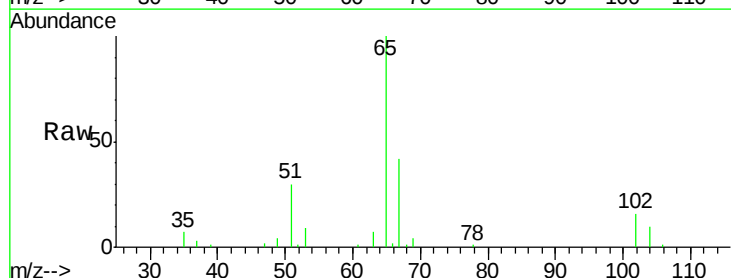
Acq: 13 May 2019 17:16

Tgt Ion: 65 Resp: 264101

Ion Ratio Lower Upper

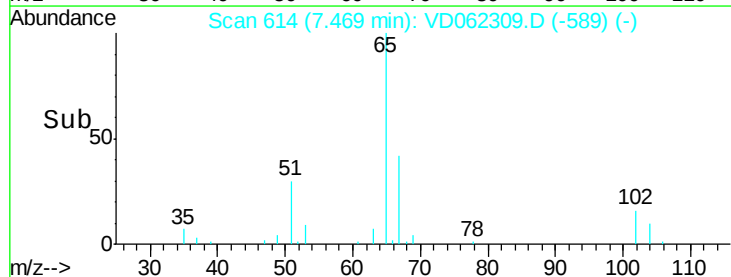
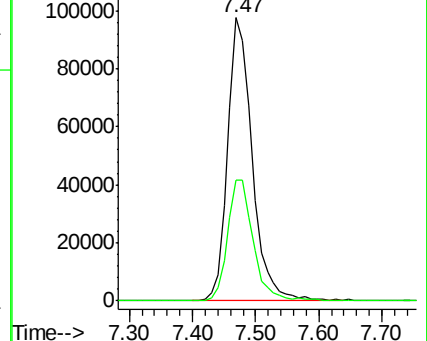
65 100

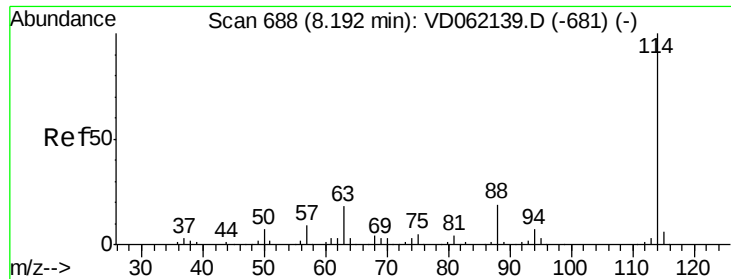
67 42.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

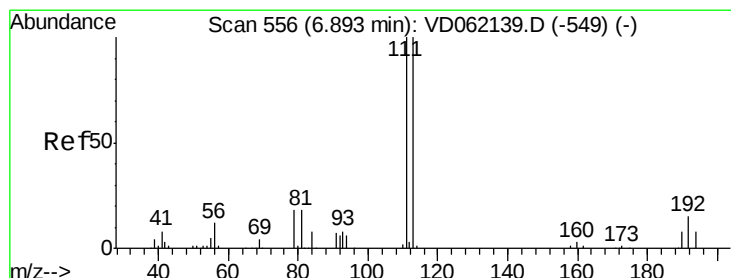
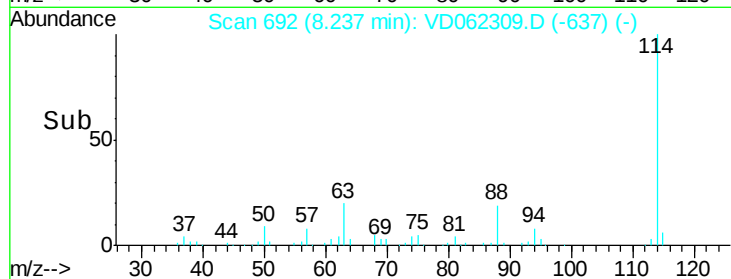
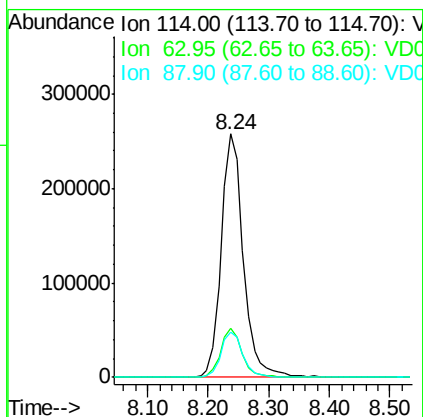
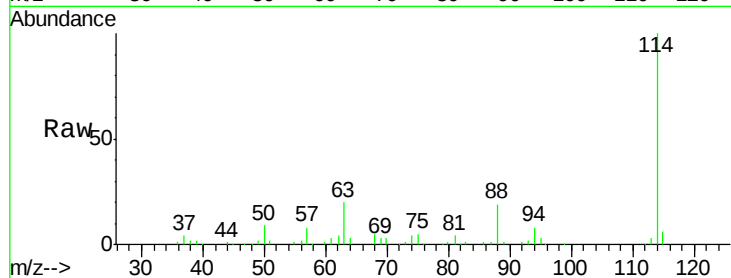




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062309.D
 Acq: 13 May 2019 17:16

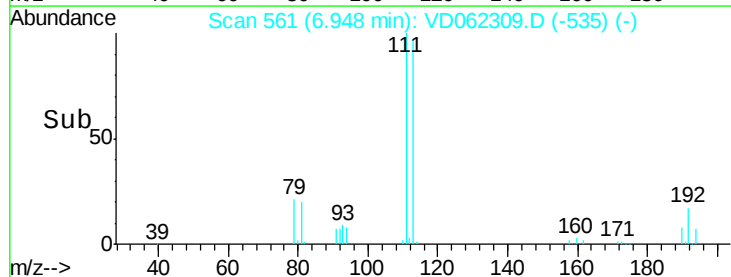
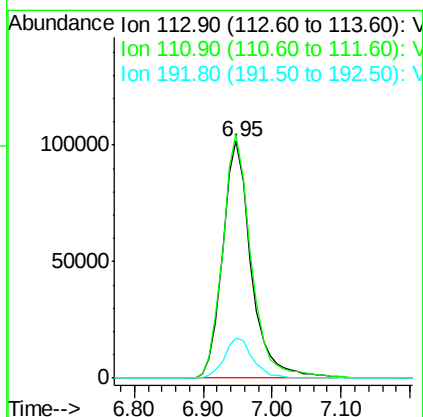
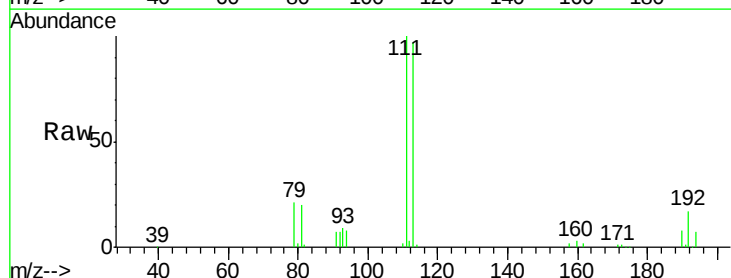
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-02

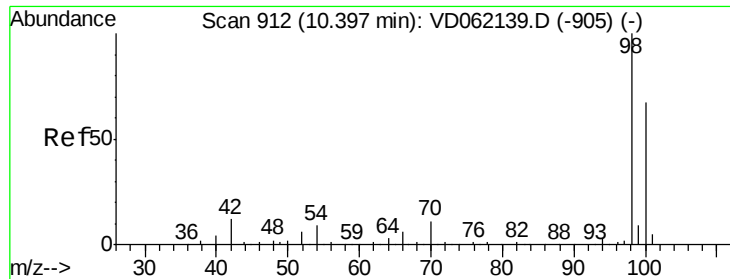
Tot Ion:114 Resp: 653739
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 32.4
 88 18.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 53.815 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062309.D
 Acq: 13 May 2019 17:16

Tgt Ion:113 Resp: 291899
 Ion Ratio Lower Upper
 113 100
 111 102.8 78.5 117.7
 192 17.2 13.0 19.4

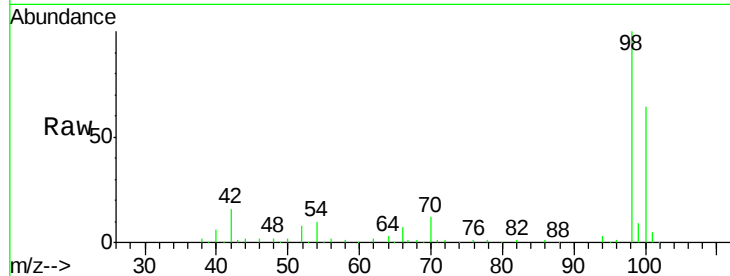




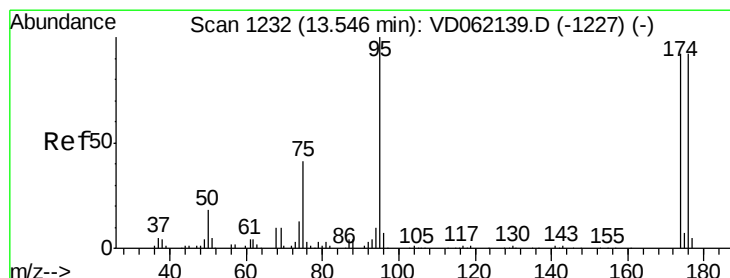
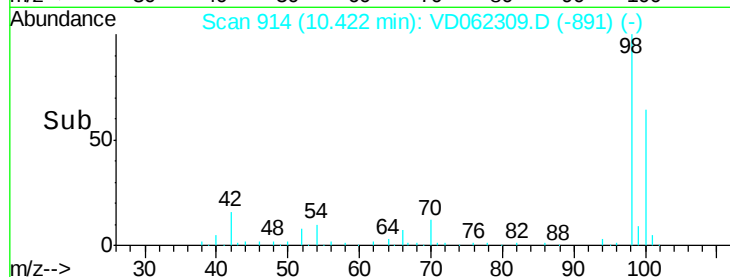
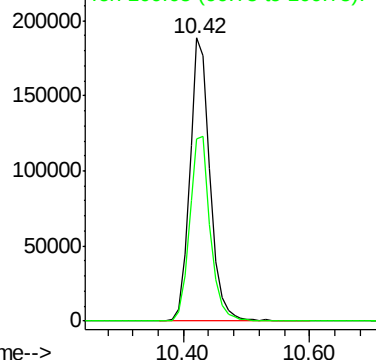
#50
Toluene-d8
Concen: 32.208 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062309.D
Acq: 13 May 2019 17:16

Instrument :
MSVOA_D
ClientSampleId :
P026-SS012-0002-02

Tot Ion: 98 Resp: 421216
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.8

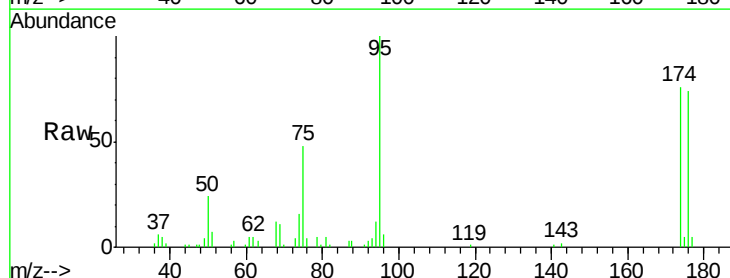


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

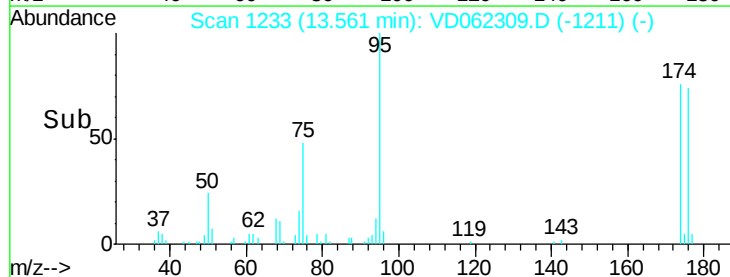
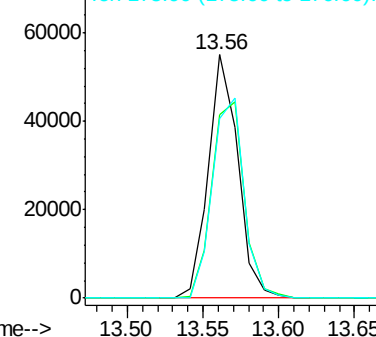


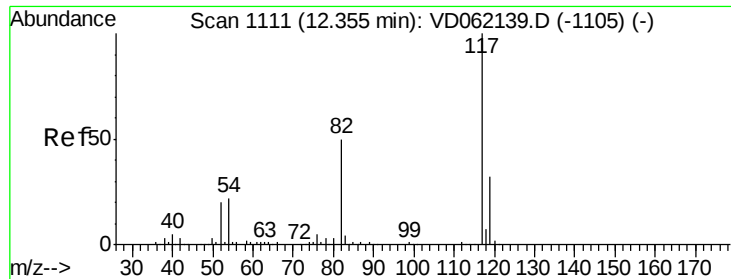
#62
4-Bromofluorobenzene
Concen: 14.211 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062309.D
Acq: 13 May 2019 17:16

Tgt Ion: 95 Resp: 74632
Ion Ratio Lower Upper
95 100
174 75.5 0.0 181.8
176 73.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

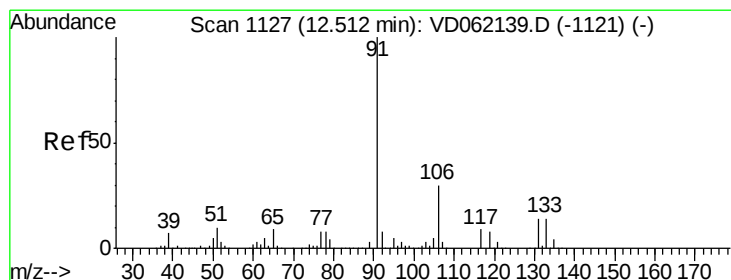
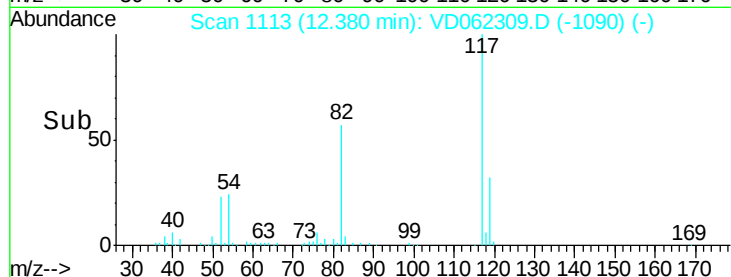
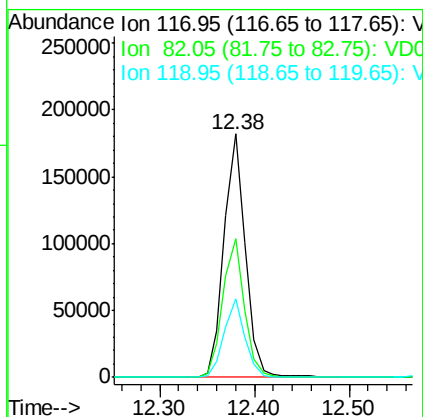
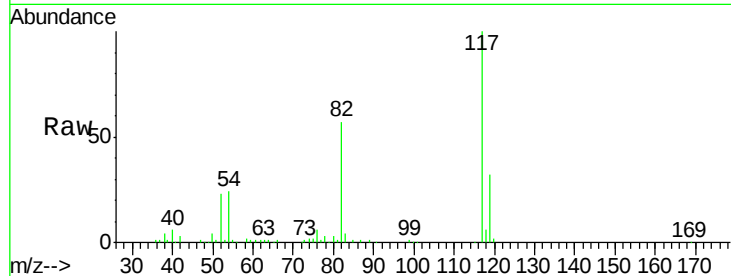




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062309.D
Acq: 13 May 2019 17:16

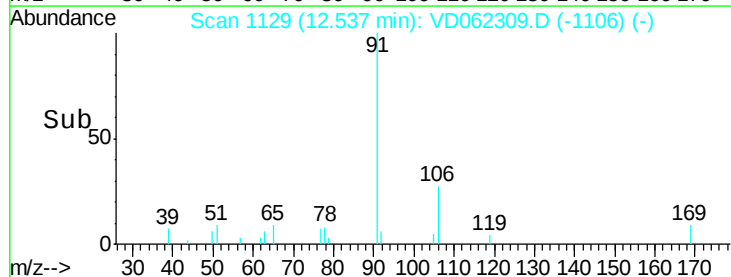
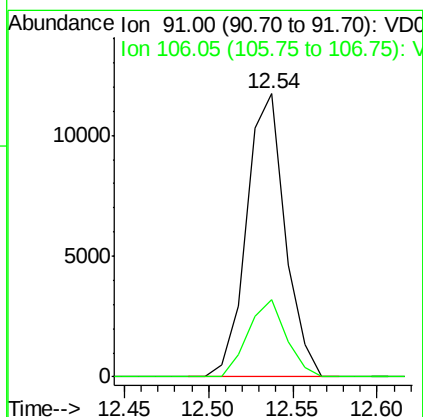
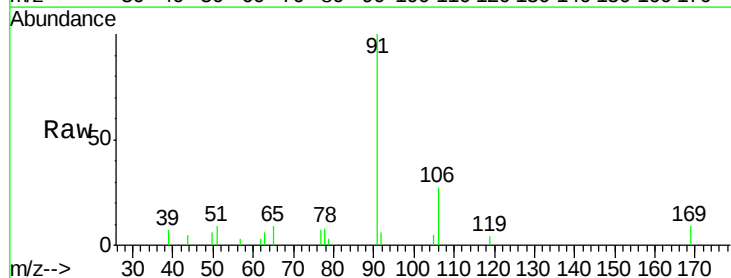
Instrument :
MSVOA_D
ClientSampleId :
P026-SS012-0002-02

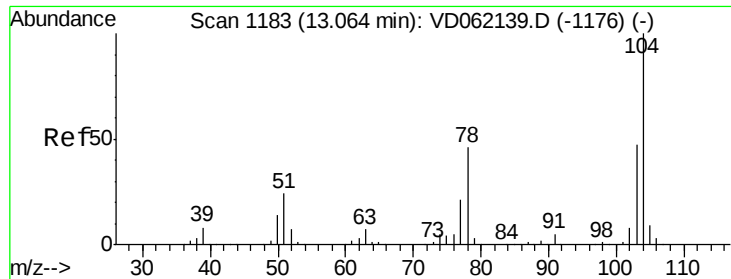
Tot Ion:117 Resp: 283881
Ion Ratio Lower Upper
117 100
82 57.0 36.2 54.2#
119 32.2 26.2 39.4



#67
Ethyl Benzene
Concen: 2.097 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD062309.D
Acq: 13 May 2019 17:16

Tgt Ion: 91 Resp: 18564
Ion Ratio Lower Upper
91 100
106 27.2 24.7 37.1





#70

Stvrene

Concen: 3.134 ug/l

RT: 13.08 min Scan# 1184

Delta R.T. 0.02 min

Lab File: VD062309.D

Acq: 13 May 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

P026-SS012-0002-02

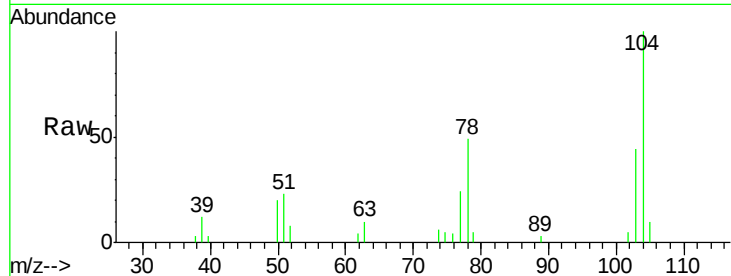
Tot Ion:104 Resp: 15896

Ion Ratio Lower Upper

104 100

78 48.7 35.4 53.2

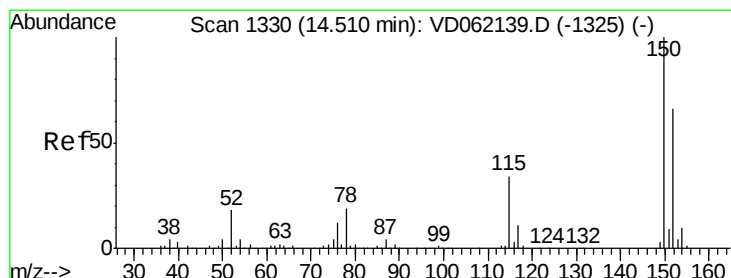
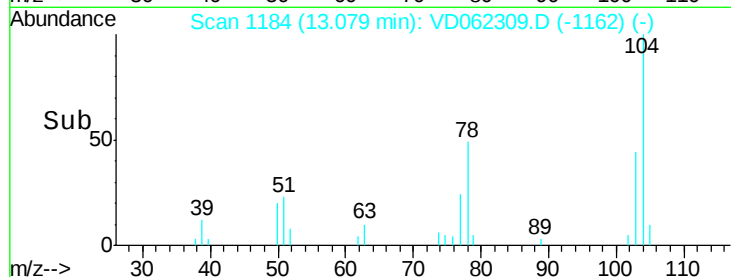
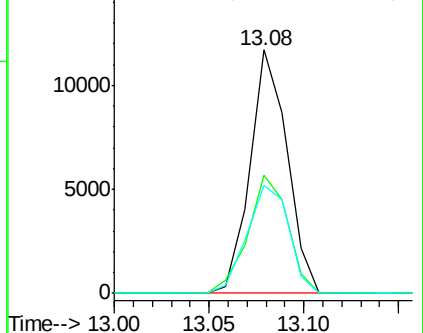
103 44.3 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062309.D

Acq: 13 May 2019 17:16

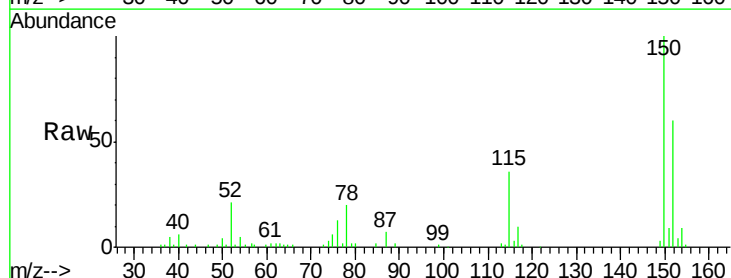
Tgt Ion:152 Resp: 47169

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.7

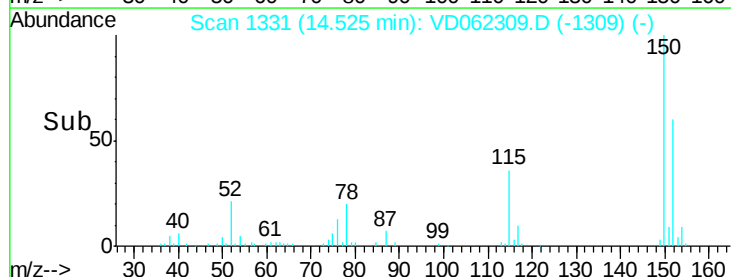
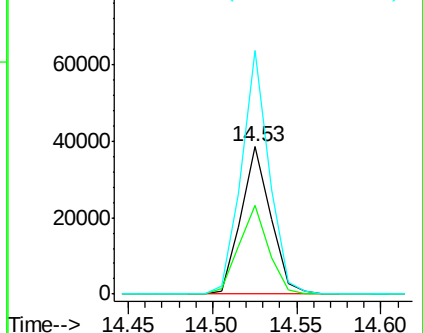
150 165.4 0.0 314.8

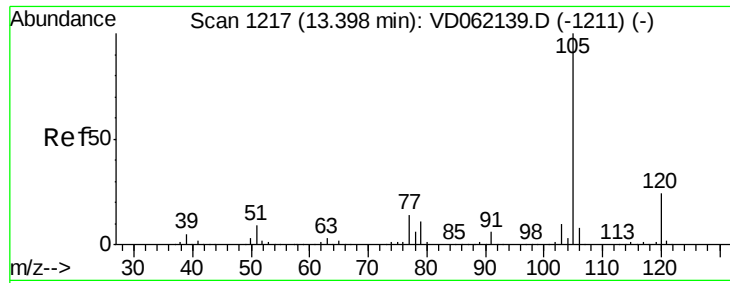


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.527 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD062309.D

Acq: 13 May 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

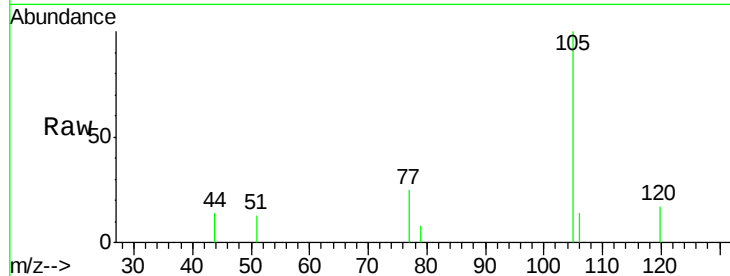
P026-SS012-0002-02

Tot Ion:105 Resp: 4317

Ion Ratio Lower Upper

105 100

120 17.1 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

4000

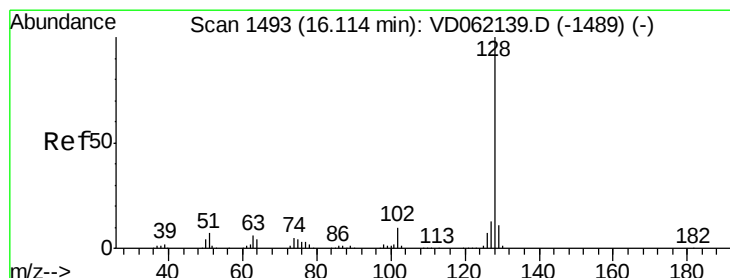
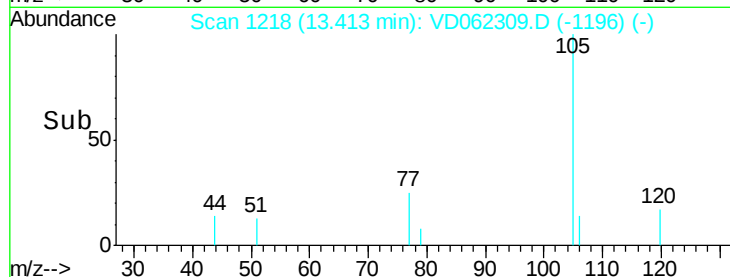
3000

2000

1000

0

Time--> 13.35 13.40 13.45



#95

Naphthalene

Concen: 2.847 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.02 min

Lab File: VD062309.D

Acq: 13 May 2019 17:16

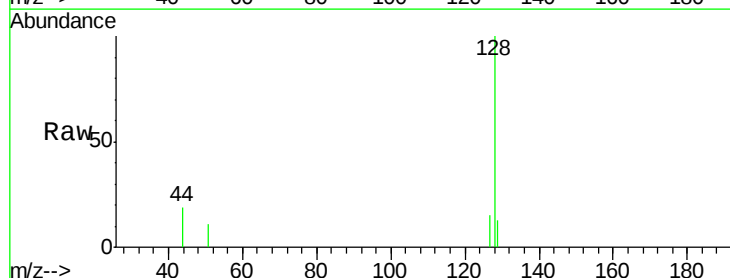
Tgt Ion:128 Resp: 3445

Ion Ratio Lower Upper

128 100

127 14.5 9.8 14.8

129 13.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

4000

3000

2000

1000

0

Time--> 16.10 16.15

