

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062261.D
 Acq On : 12 May 2019 16:14
 Operator : FY/SY
 Sample : K2733-06
 Misc : 6.42g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0612-01

Quant Time: May 15 05:25:04 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	517667	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	771344	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	568956	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	193598	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	251660	52.31	ug/l	0.04
Spiked Amount			Recovery	=	104.62%	
35) Dibromofluoromethane	6.95	113	309894	48.42	ug/l	0.05
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	10.42	98	554604	35.94	ug/l	0.02
Spiked Amount			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	13.56	95	198476	32.03	ug/l	0.01
Spiked Amount			Recovery	=	64.06%	

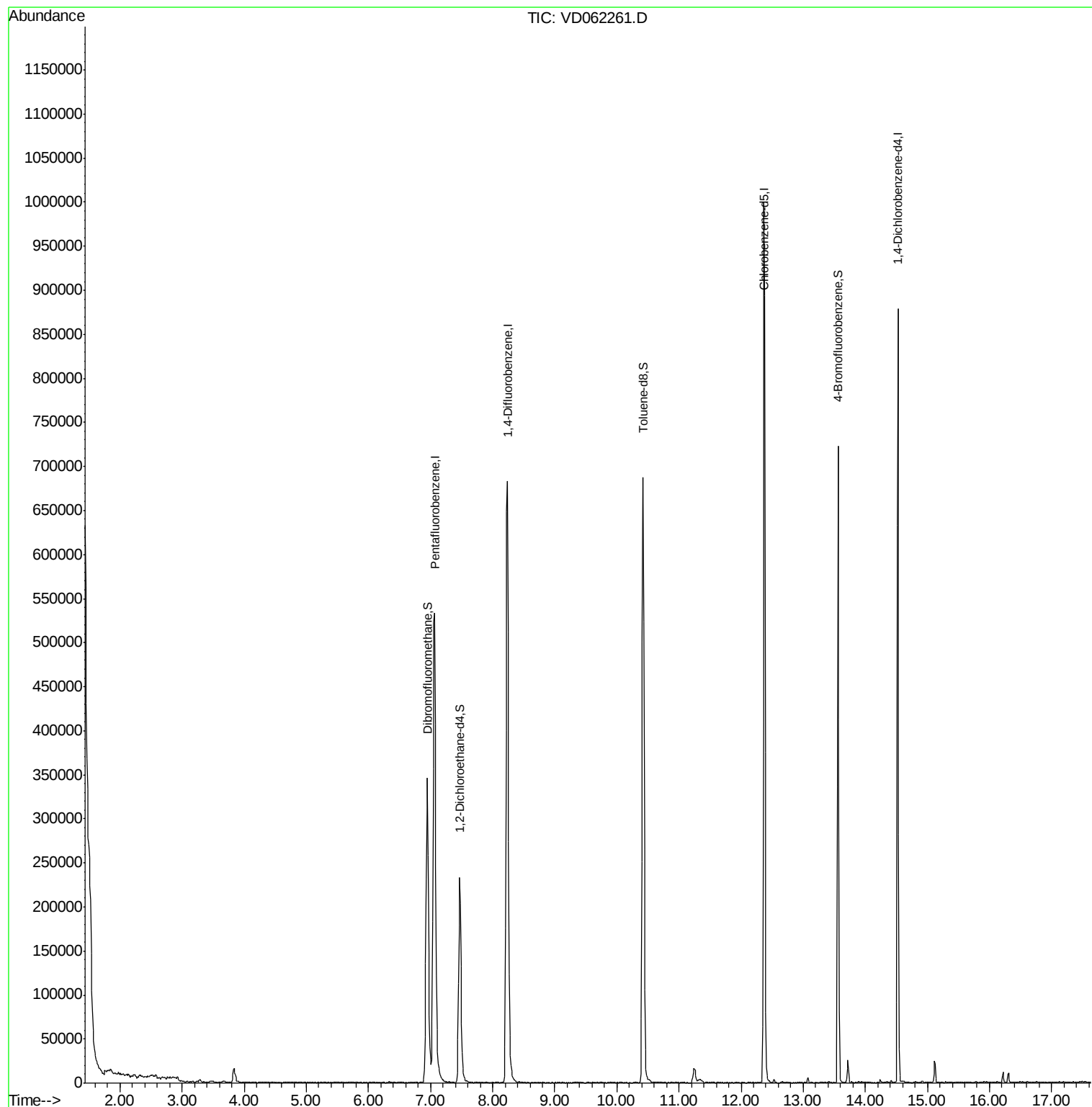
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062261.D

Acq: 12 May 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

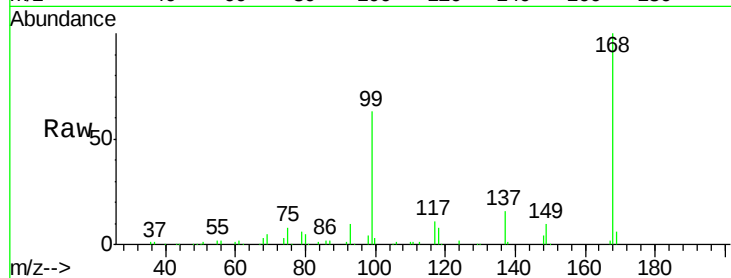
P021-SS001-0612-01

Tot Ion:168 Resp: 517667

Ion Ratio Lower Upper

168 100

99 62.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

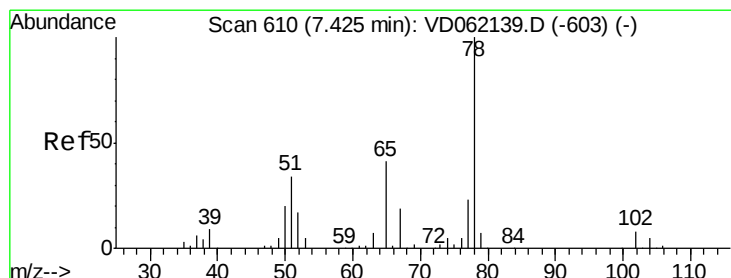
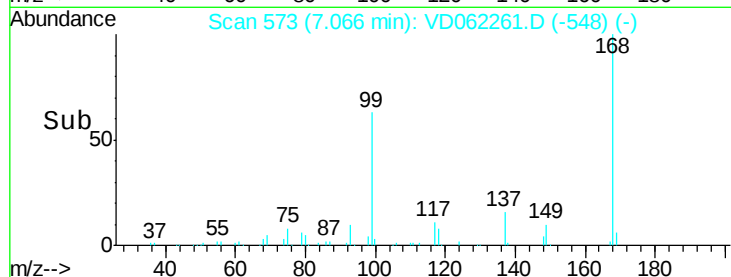
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 52.312 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062261.D

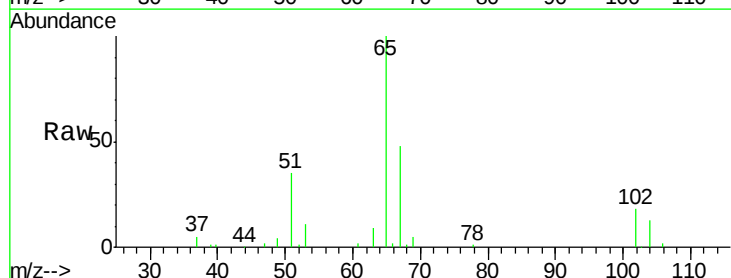
Acq: 12 May 2019 16:14

Tgt Ion: 65 Resp: 251660

Ion Ratio Lower Upper

65 100

67 47.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

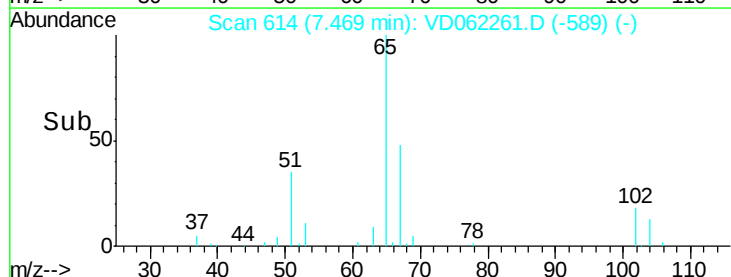
60000

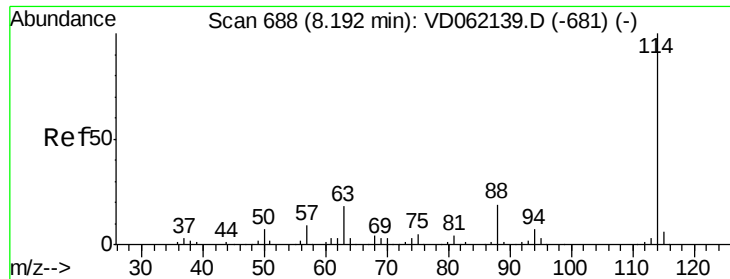
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70

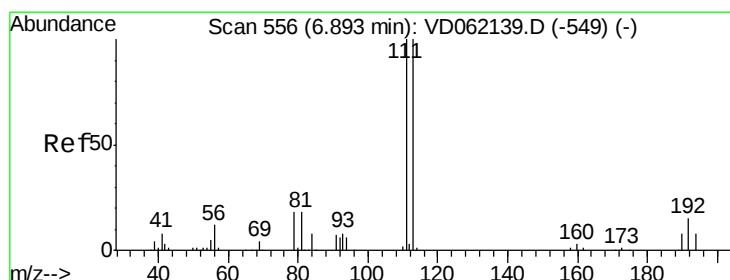
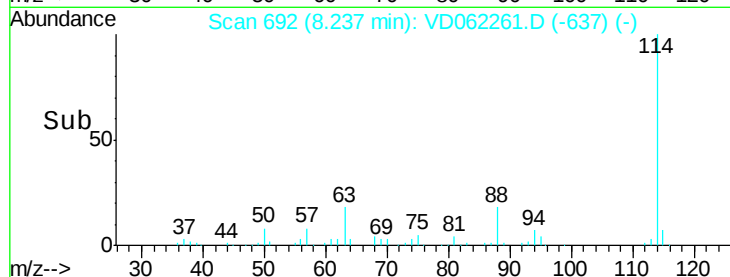
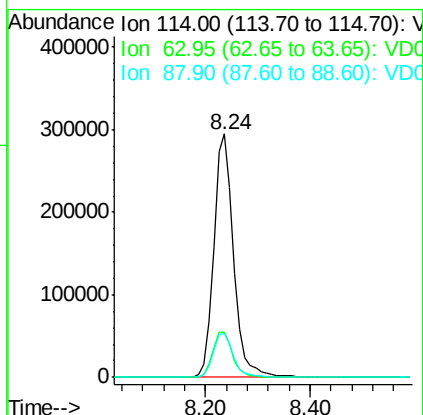
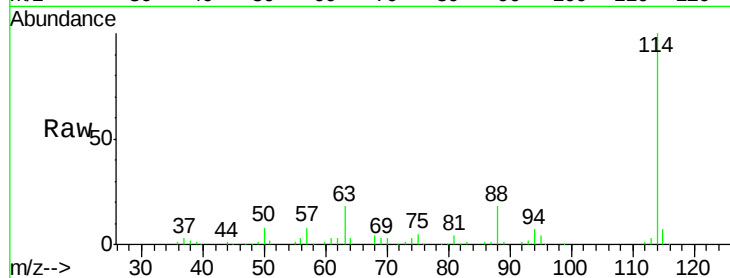




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.04 min
Lab File: VD062261.D
Acq: 12 May 2019 16:14

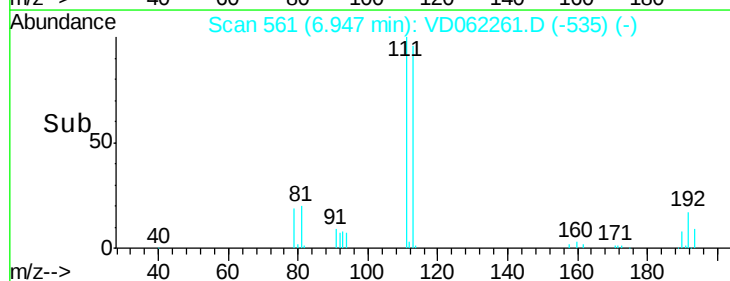
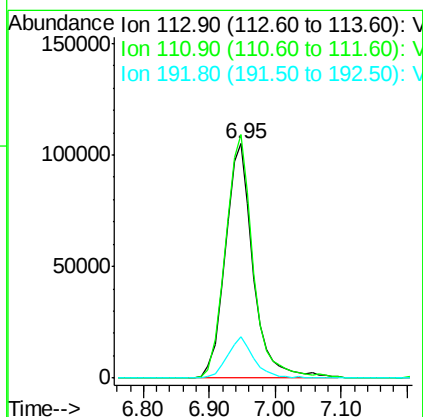
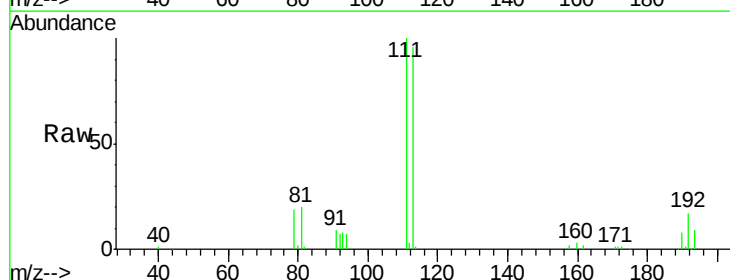
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0612-01

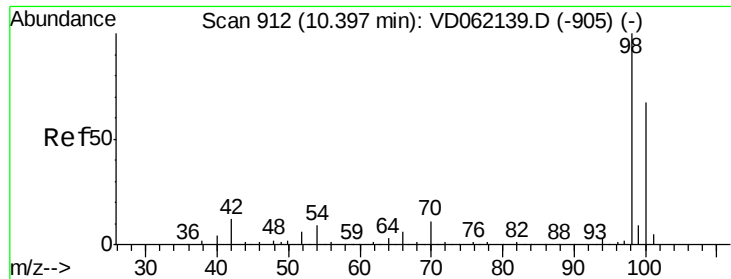
Tot Ion:114 Resp: 771344
Ion Ratio Lower Upper
114 100
63 18.4 0.0 32.4
88 18.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062261.D
Acq: 12 May 2019 16:14

Tgt Ion:113 Resp: 309894
Ion Ratio Lower Upper
113 100
111 104.0 78.5 117.7
192 17.8 13.0 19.4





#50

Toluene-d8

Concen: 35.942 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062261.D

Acq: 12 May 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

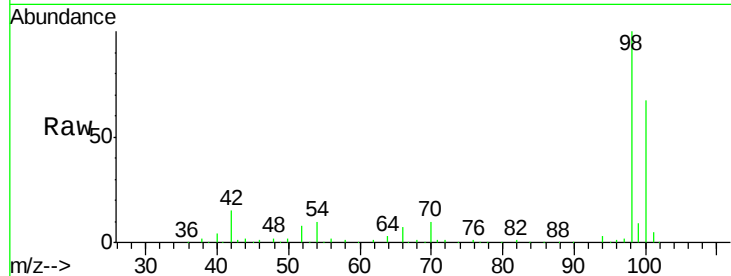
P021-SS001-0612-01

Tot Ion: 98 Resp: 554604

Ion Ratio Lower Upper

98 100

100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

250000

200000

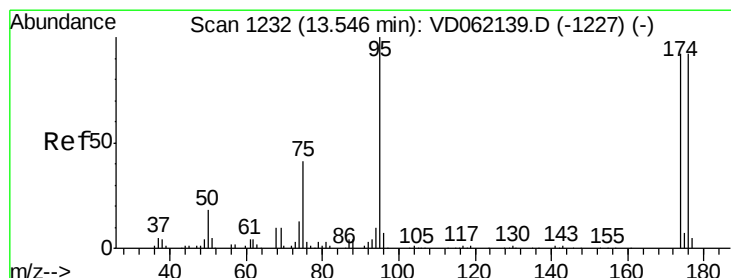
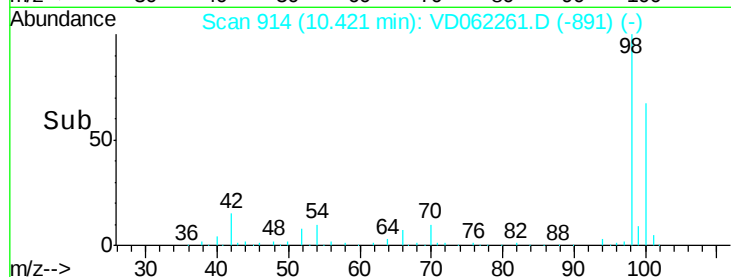
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 32.031 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062261.D

Acq: 12 May 2019 16:14

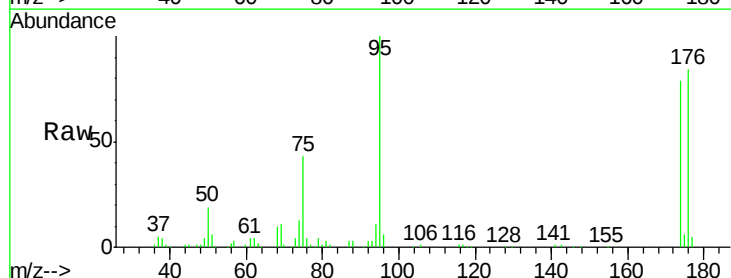
Tgt Ion: 95 Resp: 198476

Ion Ratio Lower Upper

95 100

174 79.1 0.0 181.8

176 83.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.56

200000

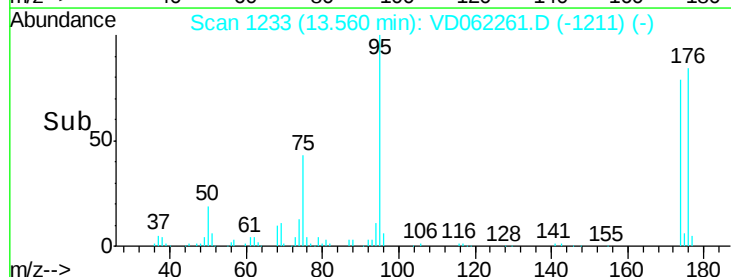
150000

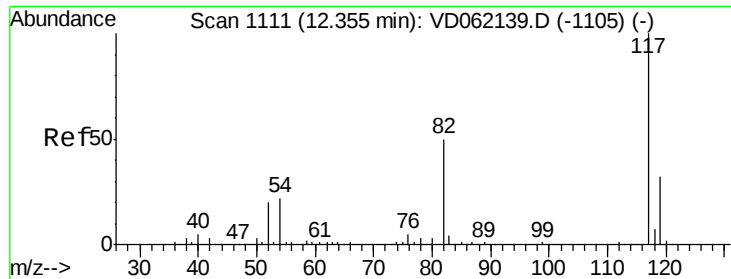
100000

50000

0

Time-->

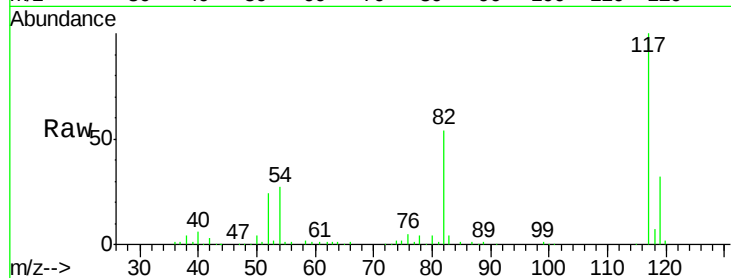




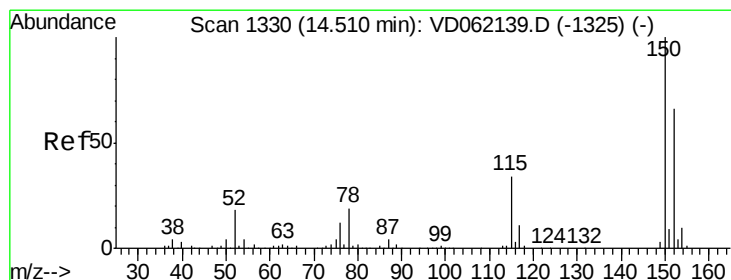
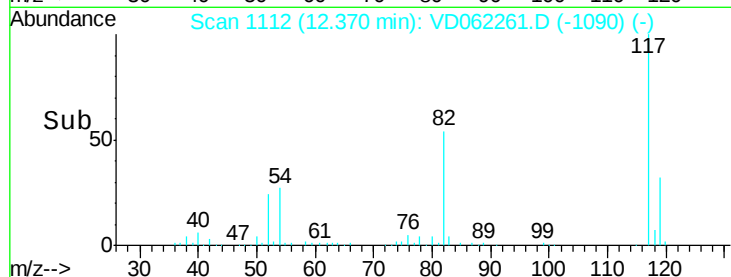
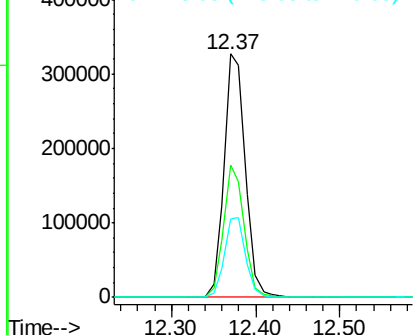
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062261.D
Acq: 12 May 2019 16:14

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0612-01

Tot Ion:117 Resp: 568956
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 32.2 26.2 39.4

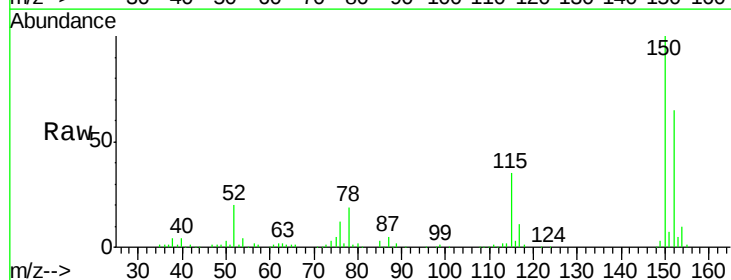


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062261.D
Acq: 12 May 2019 16:14

Tgt Ion:152 Resp: 193598
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 153.2 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

