

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062119.D
 Acq On : 2 May 2019 19:06
 Operator : FY/SY
 Sample : K2678-02
 Misc : 4.16g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-003

Quant Time: May 03 01:11:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

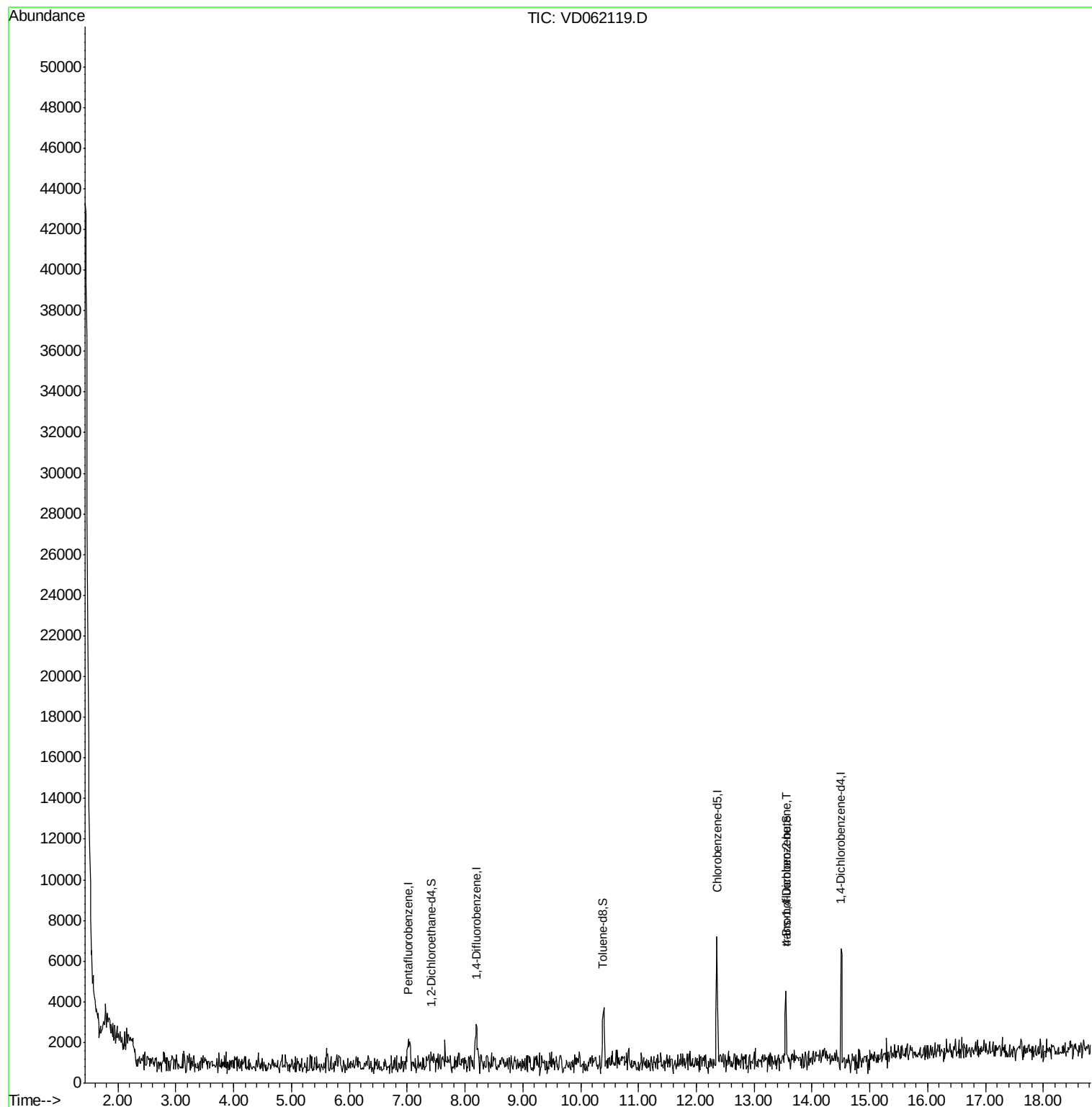
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	2226	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	4952	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	4708	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	1765	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	823	47.24	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.38	98	3824	46.92	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	13.55	95	1043	31.91	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	63.82%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	13.55	75	234	34.452	ug/l #	16

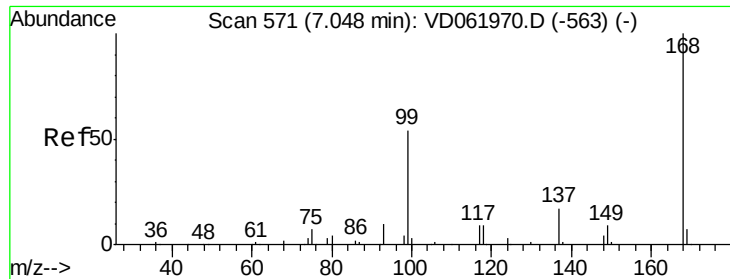
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062119.D

Acq: 2 May 2019 19:06

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MSVOA_D

ClientSampleId :

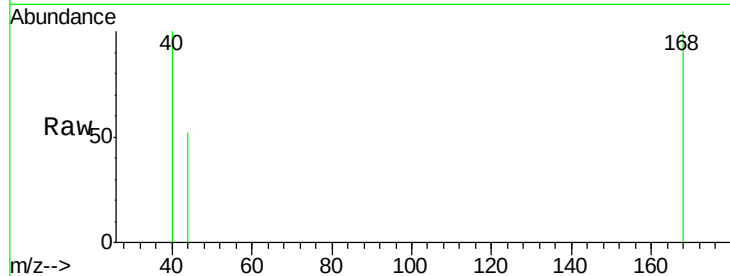
FK-0D015-03-003

Tot Ion:168 Resp: 2226

Ion Ratio Lower Upper

168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

600

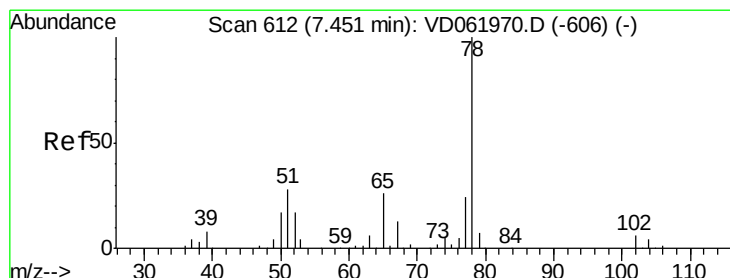
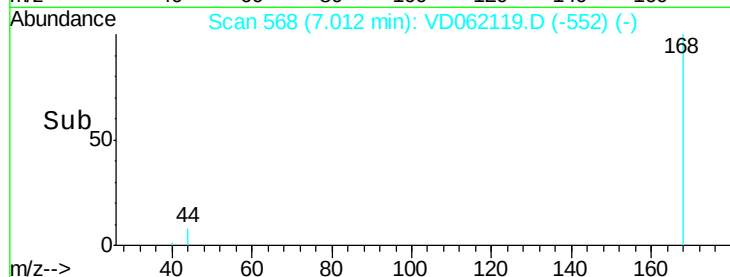
400

200

0

6.95 7.00 7.05 7.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.239 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062119.D

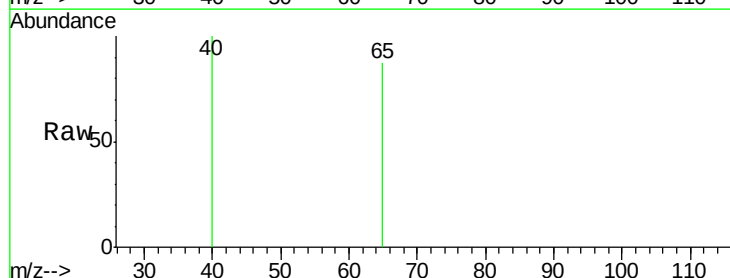
Acq: 2 May 2019 19:06

Tgt Ion: 65 Resp: 823

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

600

500

400

300

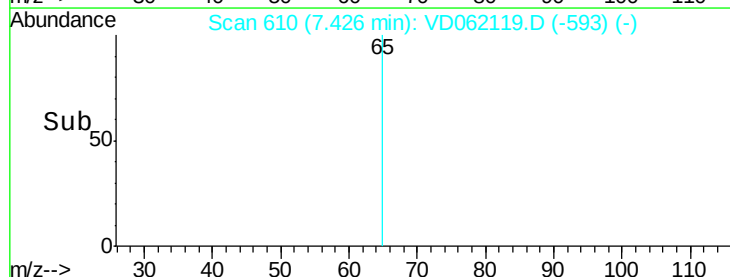
200

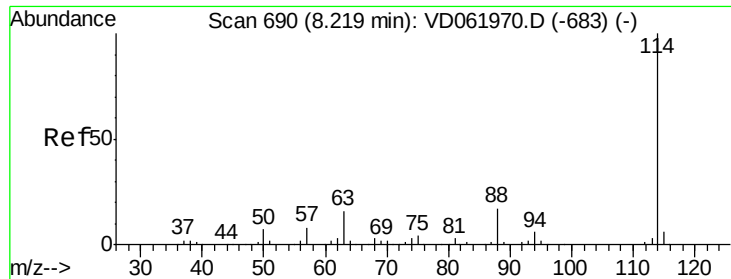
100

0

7.40 7.43 7.45

Time-->

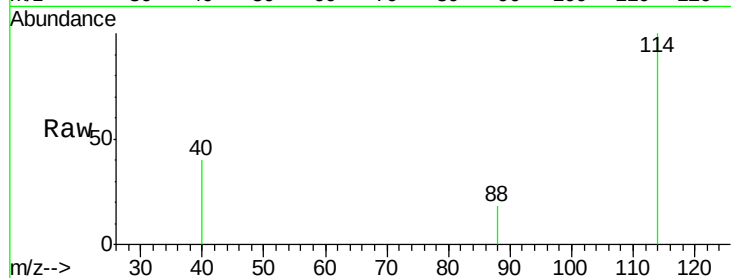




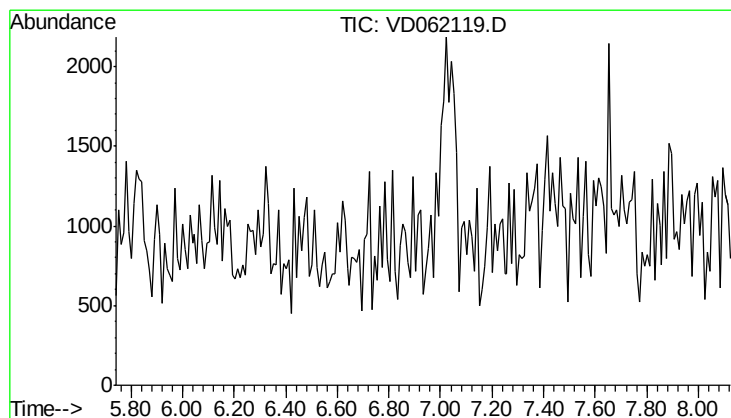
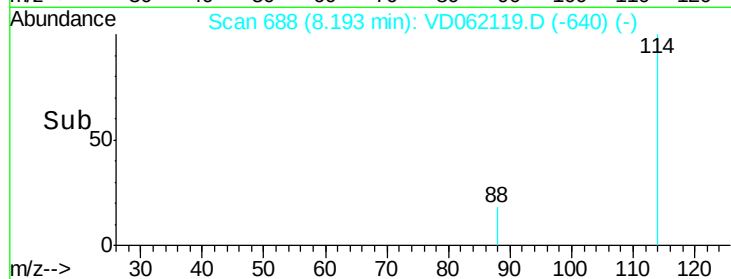
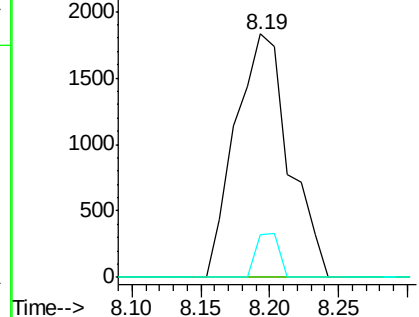
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062119.D
 Acq: 2 May 2019 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-003

Tot Ion:114 Resp: 4952
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 32.4
 88 17.6 0.0 33.6



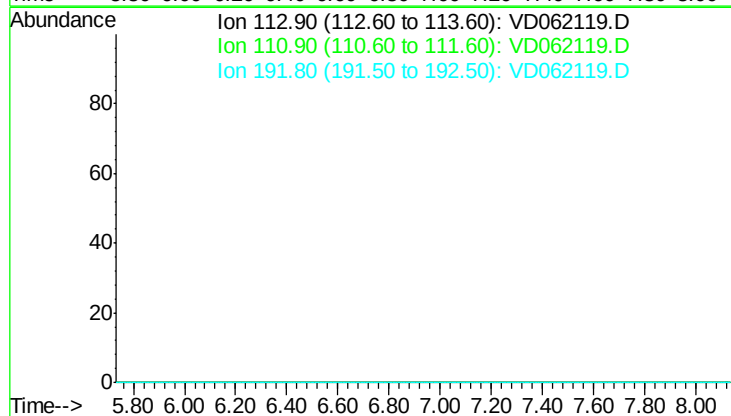
Abundance Ion 114.00 (113.70 to 114.70): V
 2500 Ion 62.95 (62.65 to 63.65): VDC
 2000 Ion 87.90 (87.60 to 88.60): VDC
 1500
 1000
 500
 0

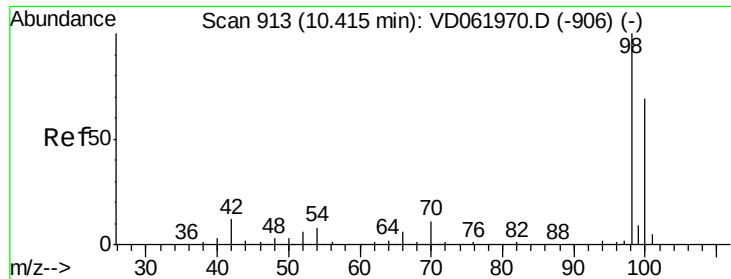


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.93 min

Lab File: VD062119.D
 Acq: 2 May 2019 19:06

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.1
 192 16.2

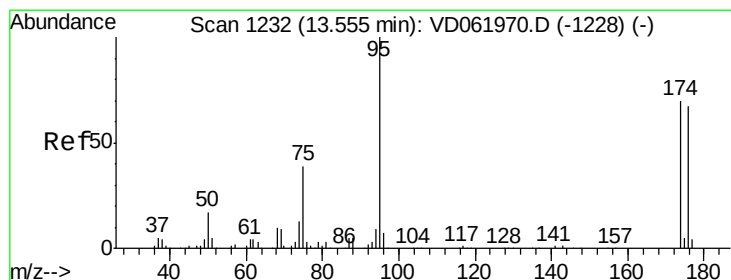
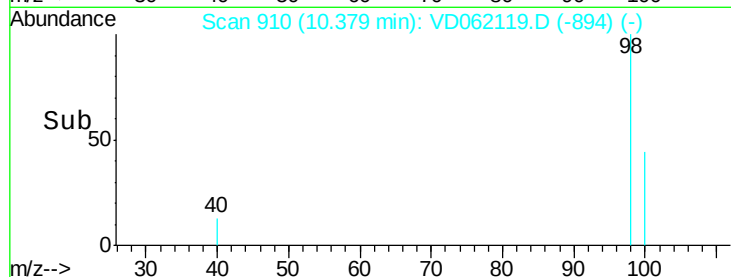
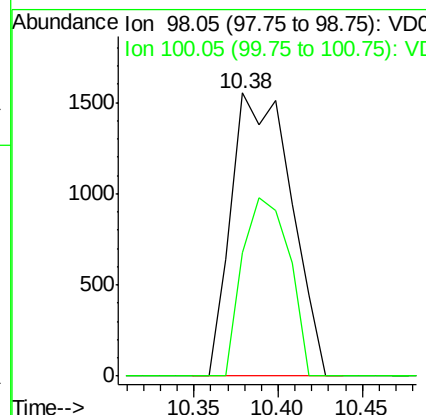
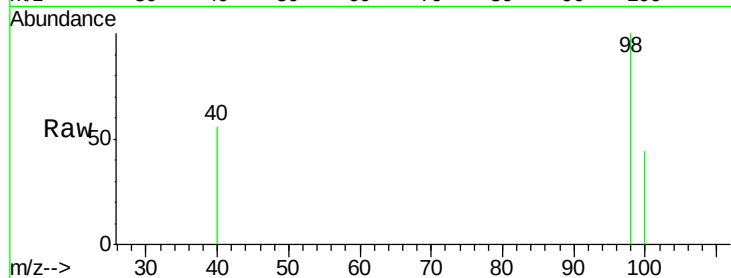




#50
Toluene-d8
Concen: 46.924 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062119.D
Acq: 2 May 2019 19:06

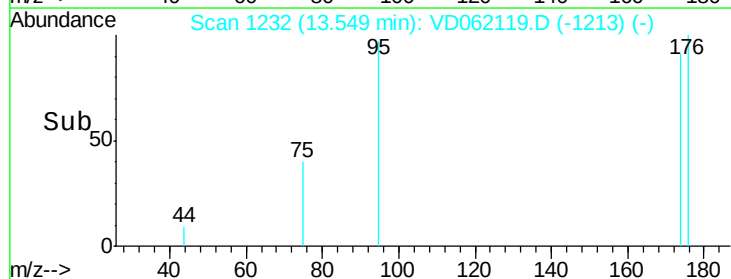
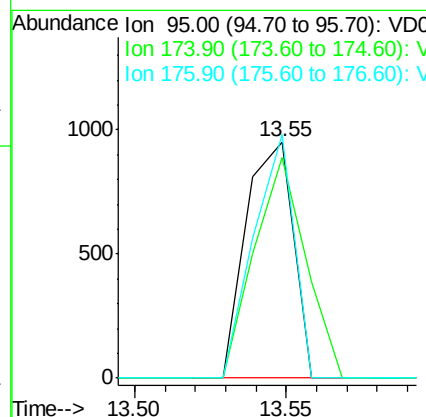
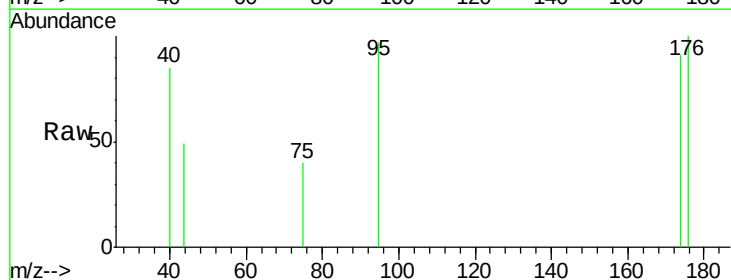
Instrument :
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ClientSampleId :
FK-0D015-03-003

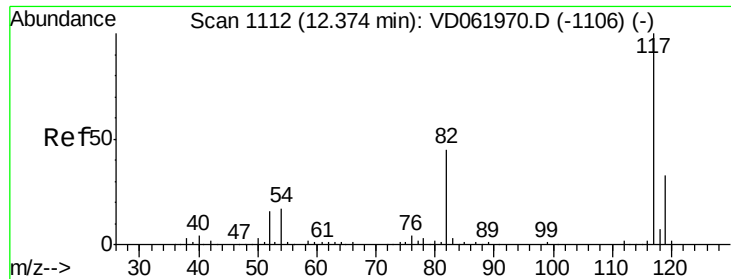
Tot Ion: 98 Resp: 3824
Ion Ratio Lower Upper
98 100
100 43.8 53.8 80.8#



#62
4-Bromofluorobenzene
Concen: 31.910 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062119.D
Acq: 2 May 2019 19:06

Tgt Ion: 95 Resp: 1043
Ion Ratio Lower Upper
95 100
174 93.4 0.0 181.8
176 102.9 0.0 174.4

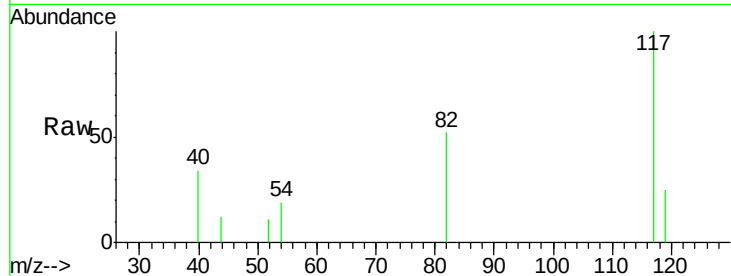




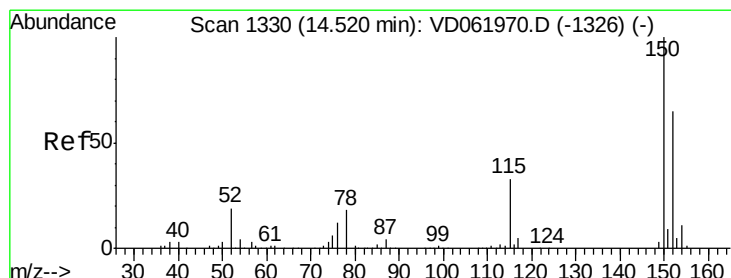
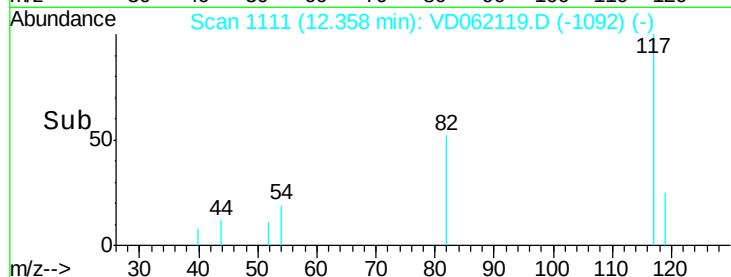
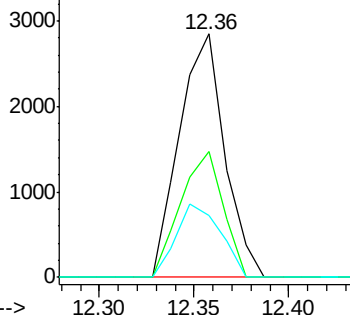
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062119.D
Acq: 2 May 2019 19:06

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-003

Tot Ion:117 Resp: 4708
Ion Ratio Lower Upper
117 100
82 51.9 36.2 54.2
119 25.3 26.2 39.4#

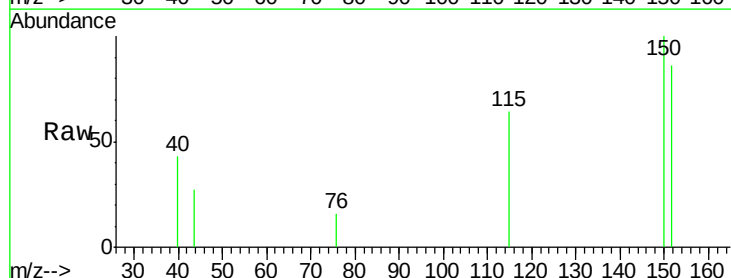


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

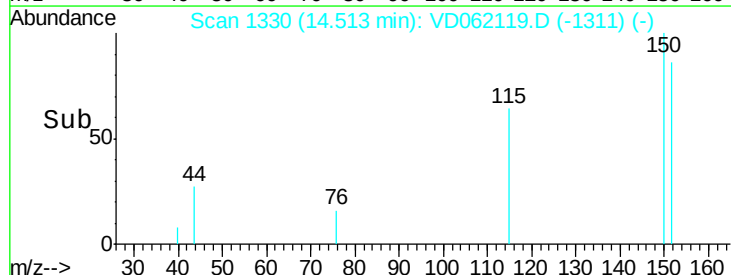
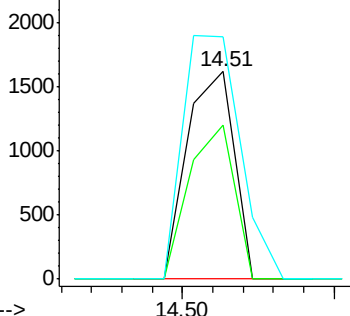


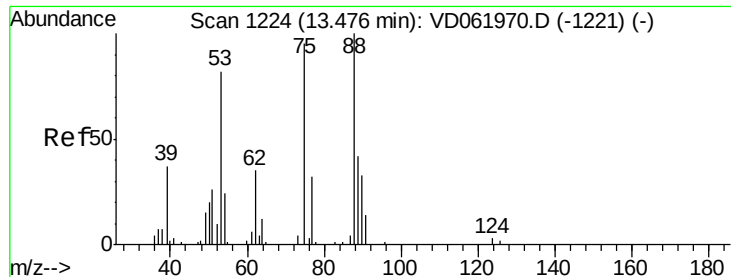
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062119.D
Acq: 2 May 2019 19:06

Tgt Ion:152 Resp: 1765
Ion Ratio Lower Upper
152 100
115 74.5 30.9 92.7
150 116.9 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





#81

trans-1,4-Dichloro-2-butene

Concen: 34.452 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062119.D

Acq: 2 May 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-003

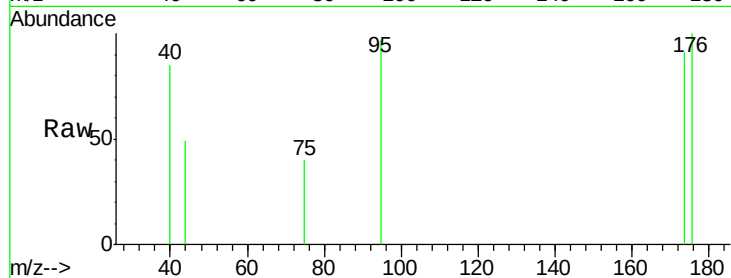
Tot Ion: 75 Resp: 234

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

