

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062075.D
 Acq On : 29 Apr 2019 21:06
 Operator : FY/SY
 Sample : K2194-13
 Misc : 6.80qm/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-G

Quant Time: Apr 30 01:59:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

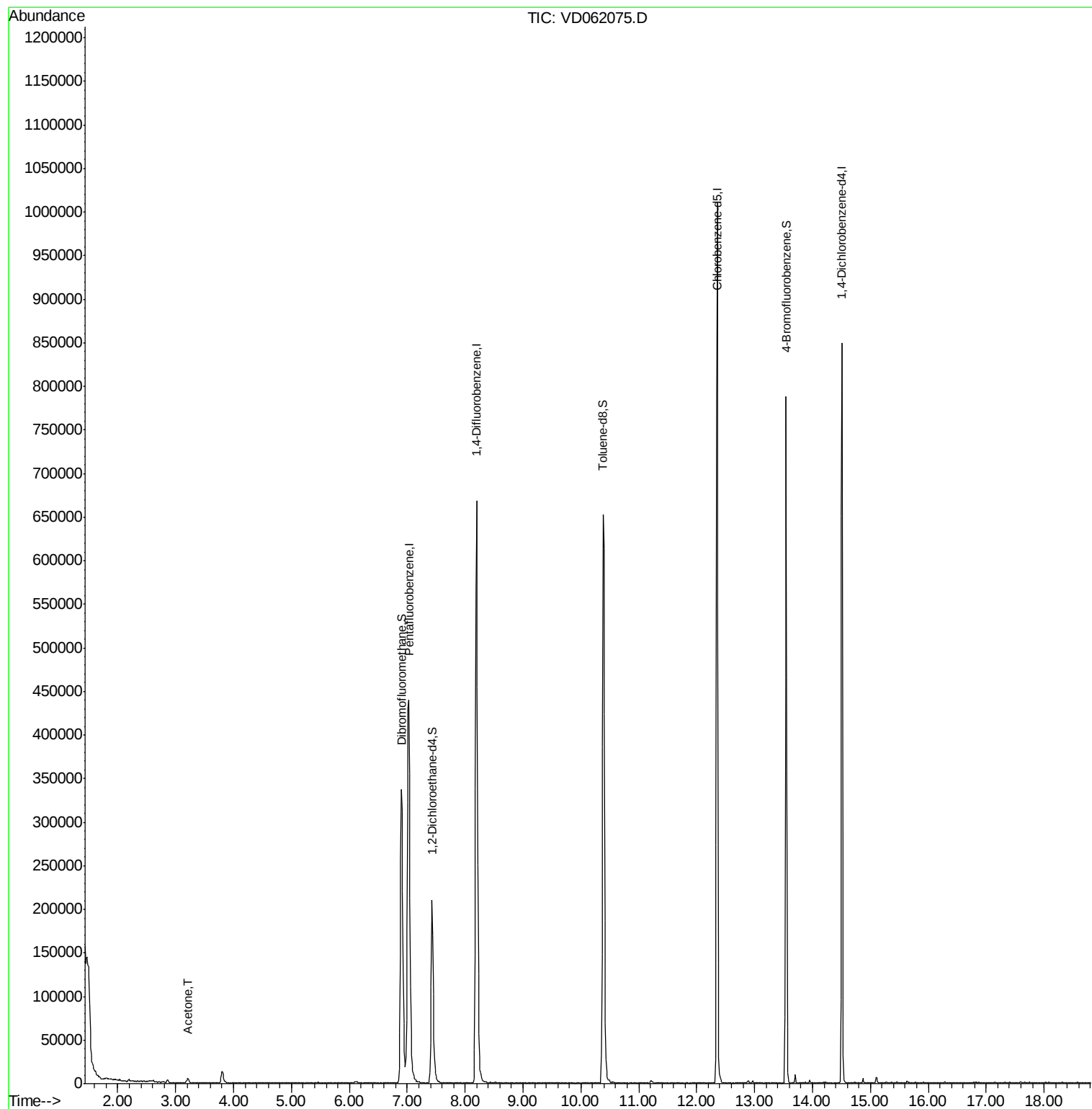
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	477647	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	760956	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	616282	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	200200	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	216563	57.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.86%	
35) Dibromofluoromethane	6.90	113	319166	60.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.30%	
50) Toluene-d8	10.38	98	583787	46.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	13.54	95	226123	45.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	3.21	43	9525	10.671	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

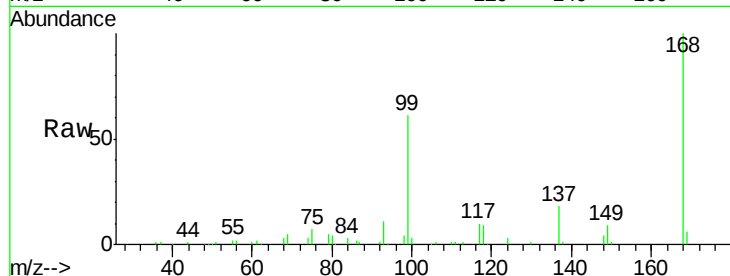
JC-03-042919-G

Tot Ion:168 Resp: 477647

Ion Ratio Lower Upper

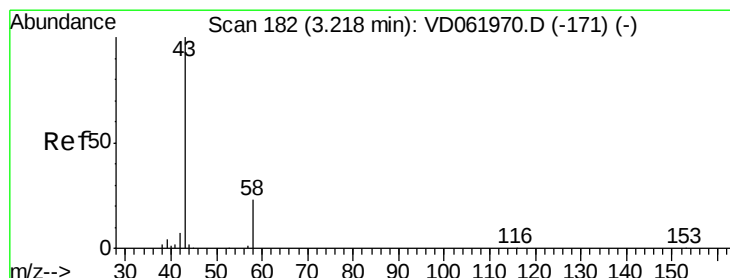
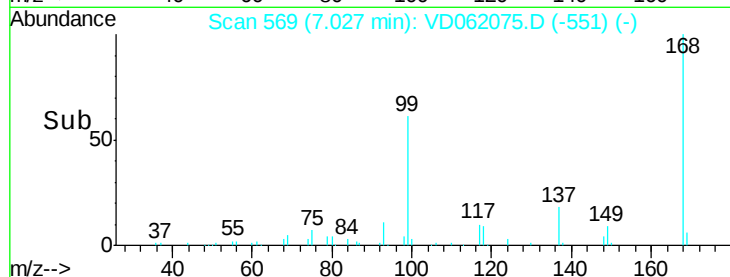
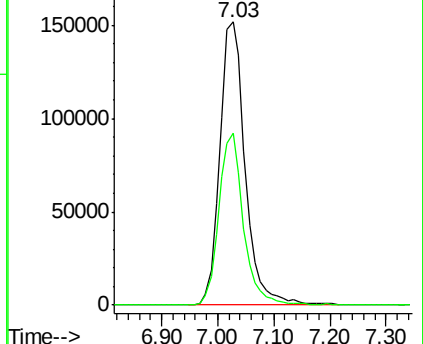
168 100

99 61.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.671 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062075.D

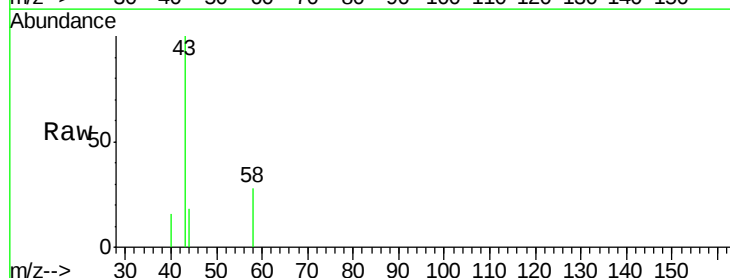
Acq: 29 Apr 2019 21:06

Tgt Ion: 43 Resp: 9525

Ion Ratio Lower Upper

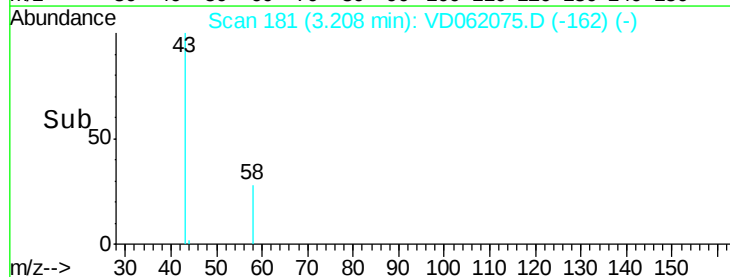
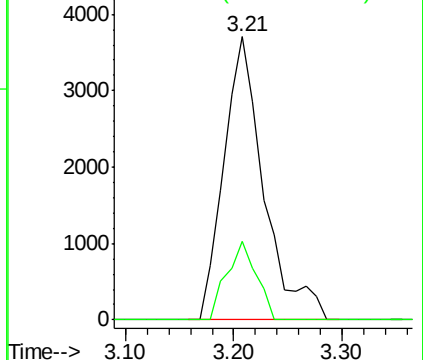
43 100

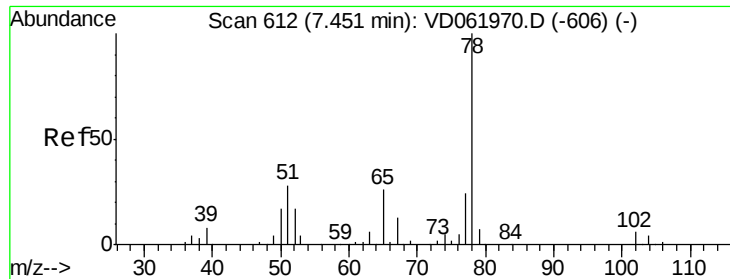
58 27.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

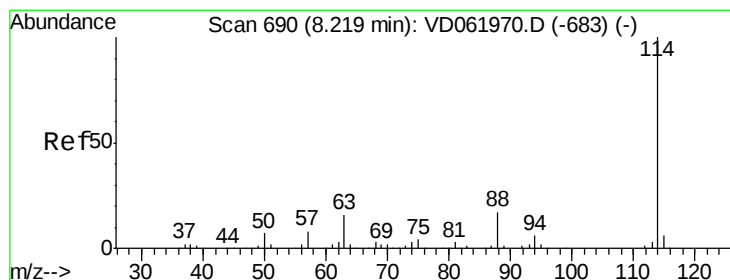
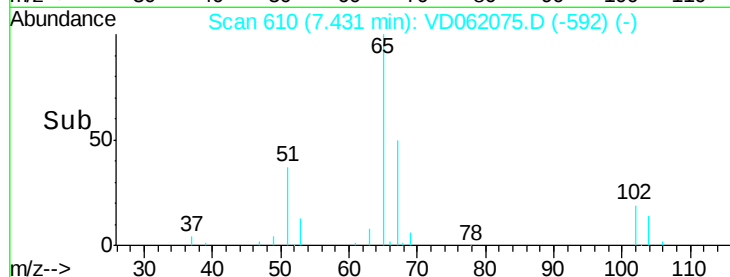
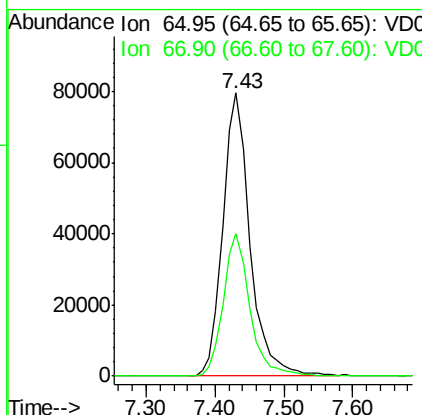
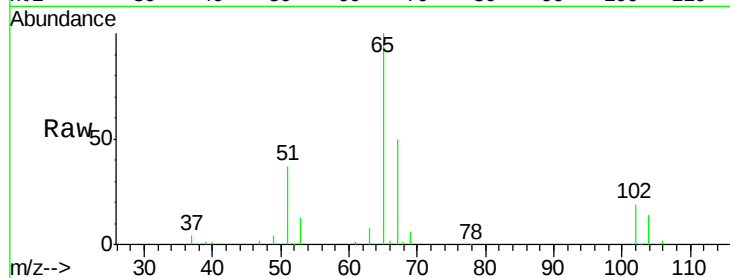




#33
 1,2-Dichloroethane-d4
 Concen: 57.930 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: VD062075.D
 Acq: 29 Apr 2019 21:06

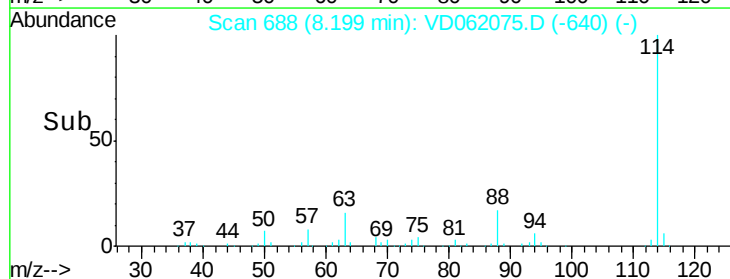
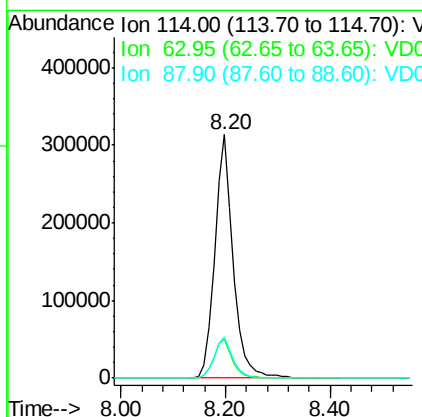
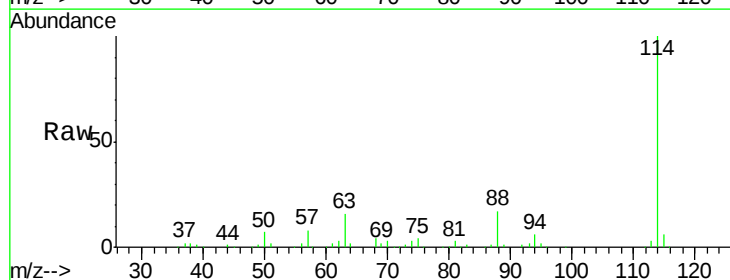
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-G

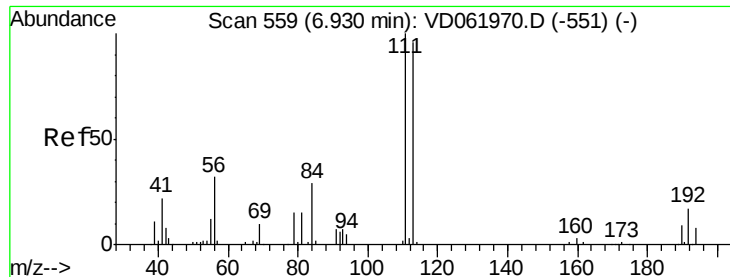
Tot Ion: 65 Resp: 216563
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062075.D
 Acq: 29 Apr 2019 21:06

Tgt Ion: 114 Resp: 760956
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 60.646 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

JC-03-042919-G

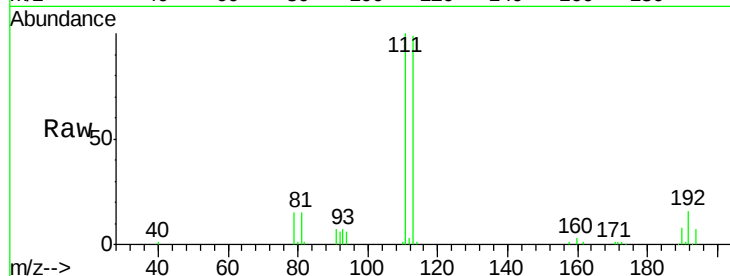
Tot Ion:113 Resp: 319166

Ion Ratio Lower Upper

113 100

111 100.5 78.5 117.7

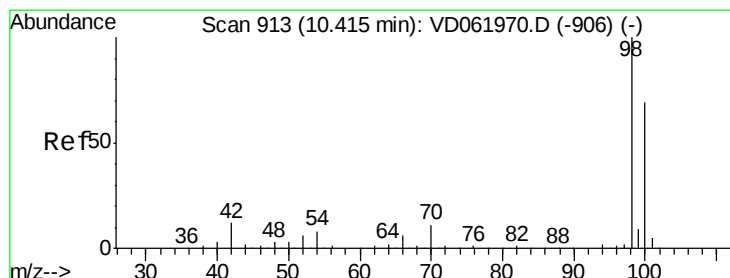
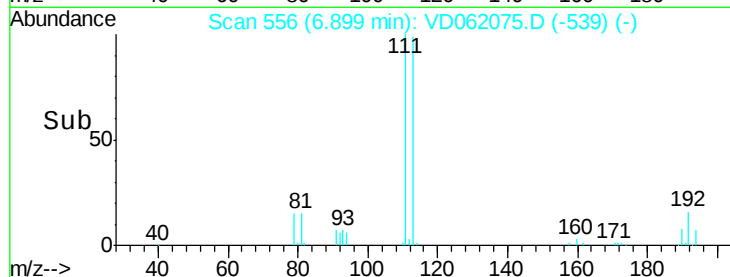
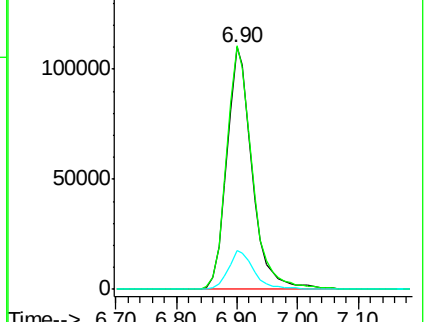
192 15.9 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062075.D

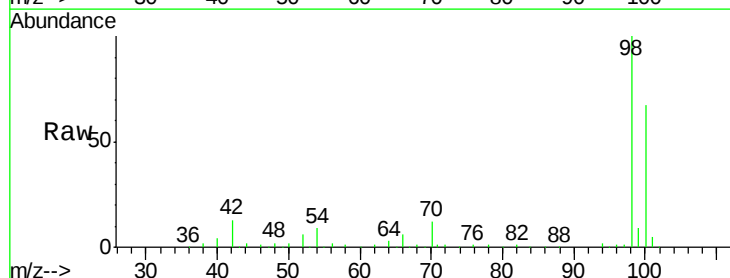
Acq: 29 Apr 2019 21:06

Tgt Ion: 98 Resp: 583787

Ion Ratio Lower Upper

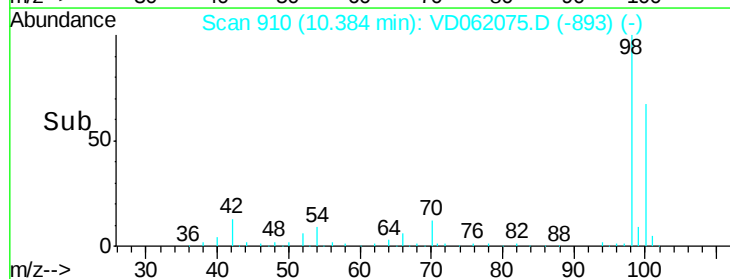
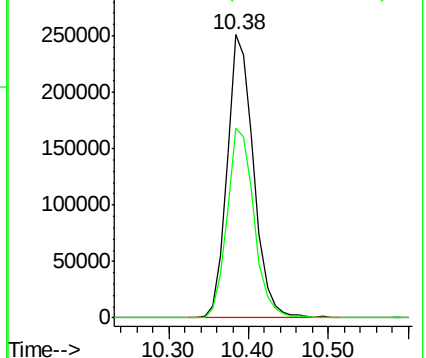
98 100

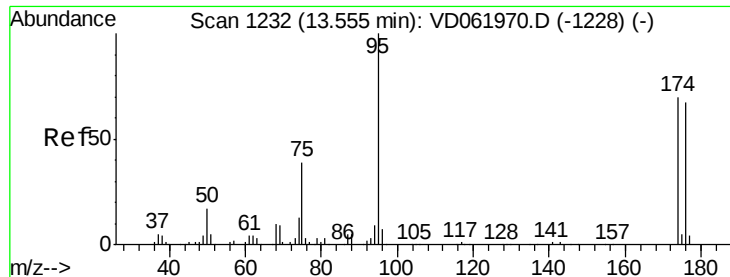
100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

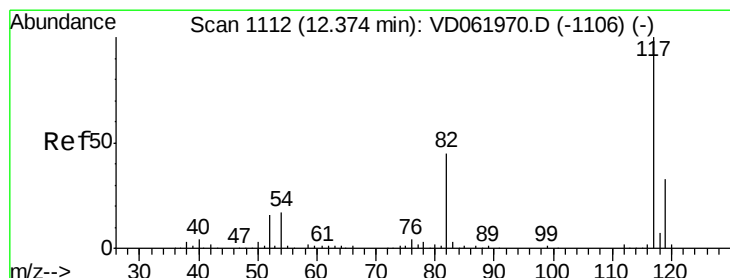
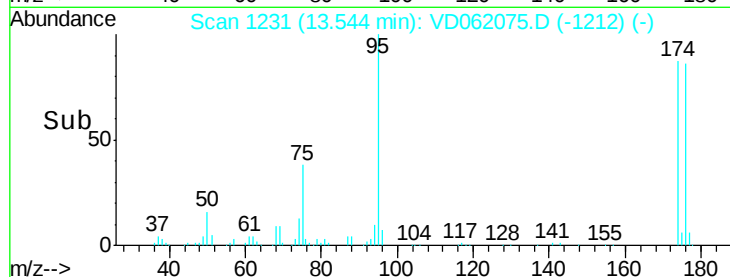
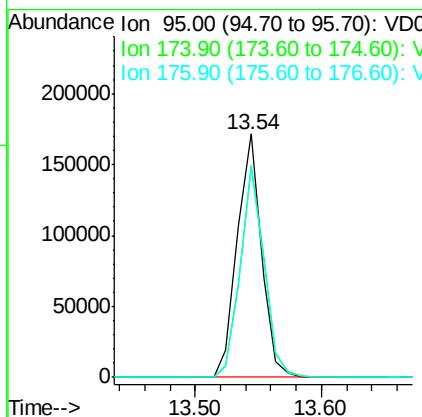
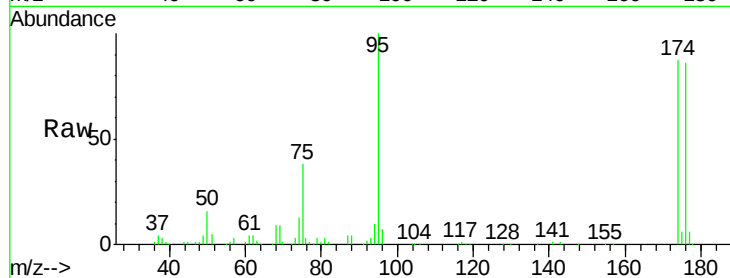




#62
4-Bromofluorobenzene
Concen: 45.020 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

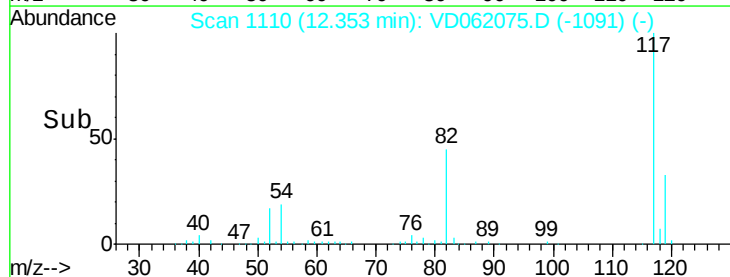
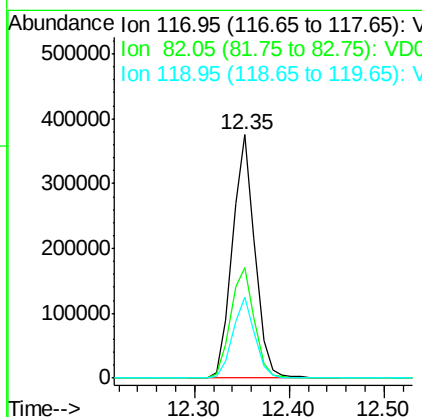
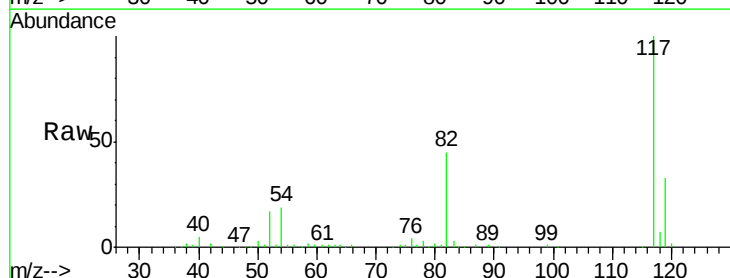
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JC-03-042919-G

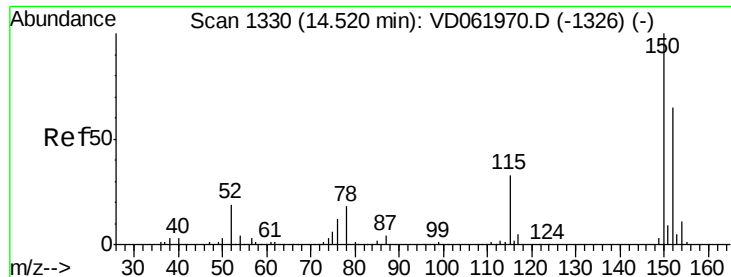
Tot Ion: 95 Resp: 226123
Ion Ratio Lower Upper
95 100
174 86.9 0.0 181.8
176 86.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

Tgt Ion: 117 Resp: 616282
Ion Ratio Lower Upper
117 100
82 45.4 36.2 54.2
119 33.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062075.D
 Acq: 29 Apr 2019 21:06

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-G

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.5	30.9	92.7
150	155.3	0.0	314.8

