

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062040.D
 Acq On : 25 Apr 2019 15:51
 Operator : VA/AP
 Sample : K2200-09RE
 Misc : 7.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-BRE

Quant Time: Apr 26 04:30:13 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

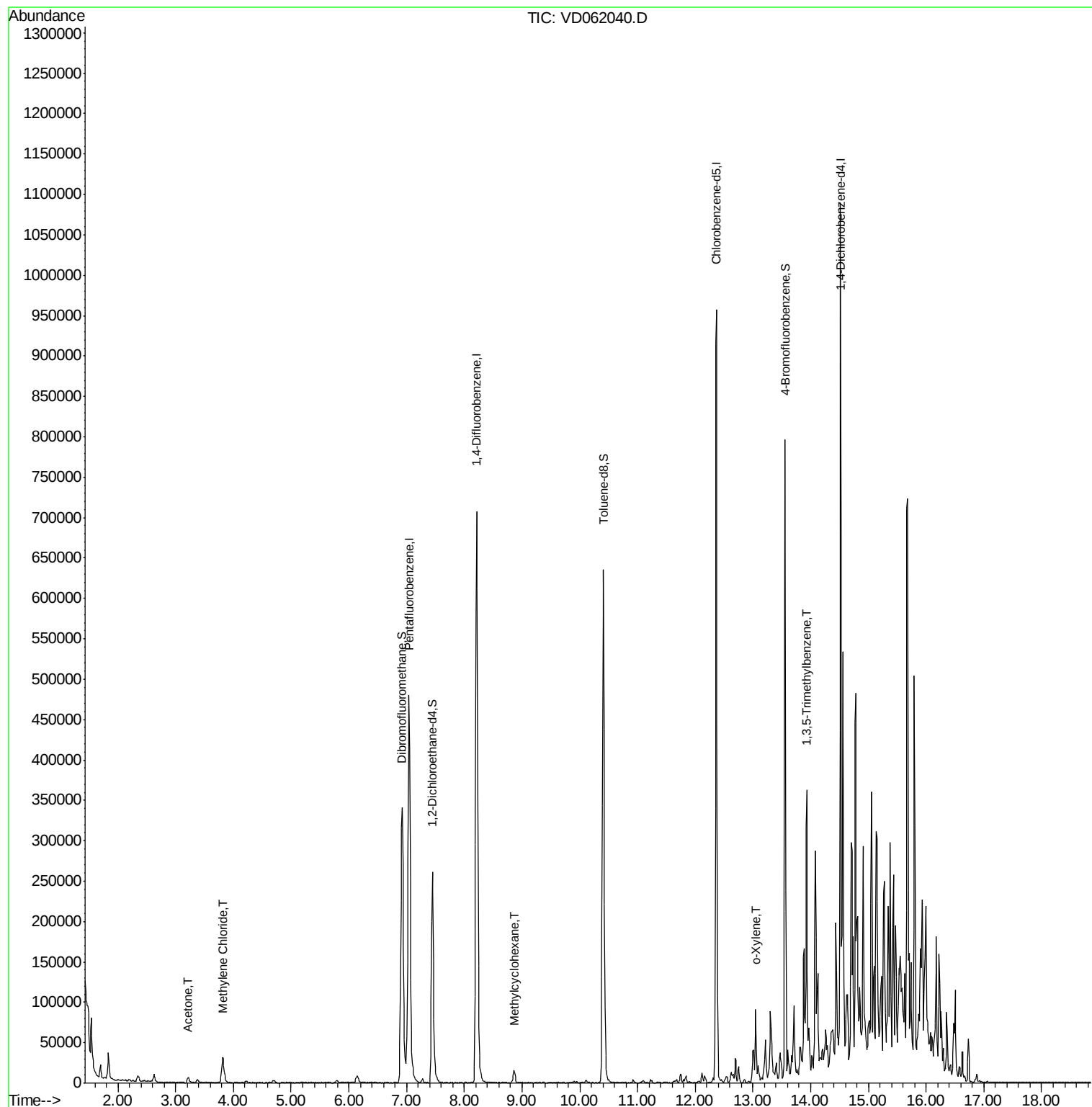
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	485127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	822177	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	617739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	246123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	254794	67.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.22%	
35) Dibromofluoromethane	6.92	113	324580	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
50) Toluene-d8	10.41	98	570390	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
62) 4-Bromofluorobenzene	13.55	95	262585	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
16) Acetone	3.22	43	12366	13.640	ug/l	94
20) Methylene Chloride	3.81	84	23546	2.292	ug/l	92
39) Methylcyclohexane	8.87	83	8333	1.319	ug/l #	89
69) o-Xylene	13.05	106	17719	2.812	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	146914	11.222	ug/l	100

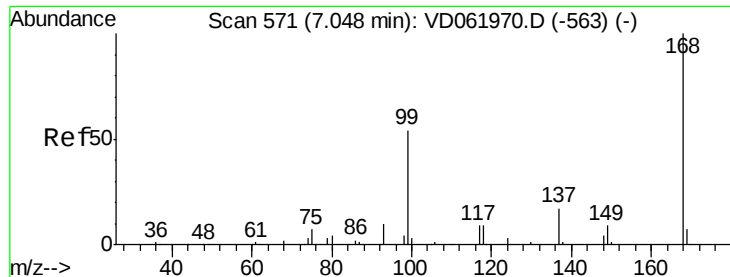
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042519\
Data File : VD062040.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062040.D

Acq: 25 Apr 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

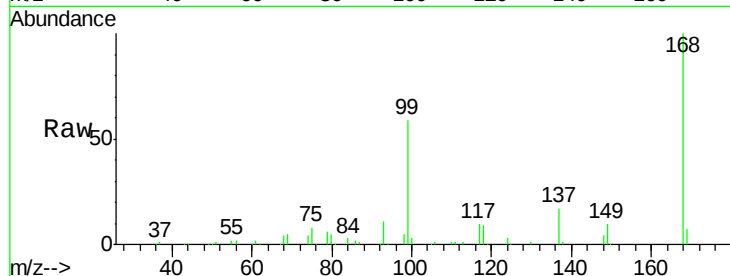
EO-02-042319-BRE

Tot Ion:168 Resp: 485127

Ion Ratio Lower Upper

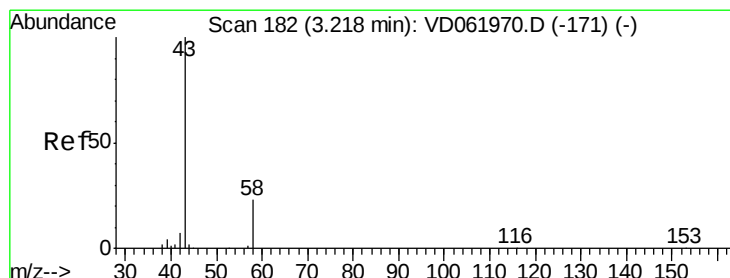
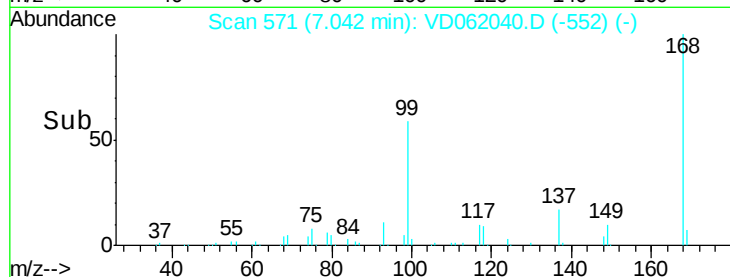
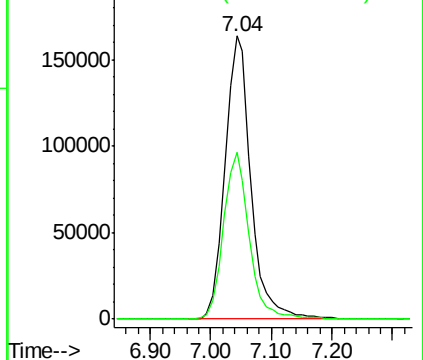
168 100

99 59.2 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: 13.640 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062040.D

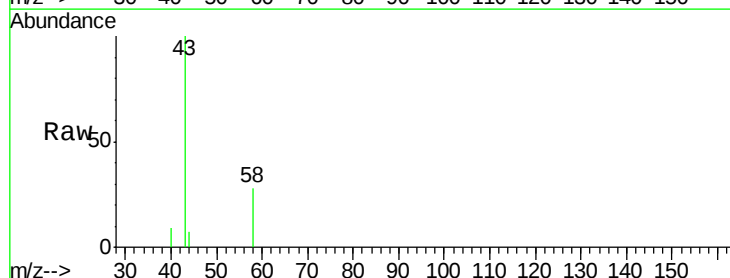
Acq: 25 Apr 2019 15:51

Tgt Ion: 43 Resp: 12366

Ion Ratio Lower Upper

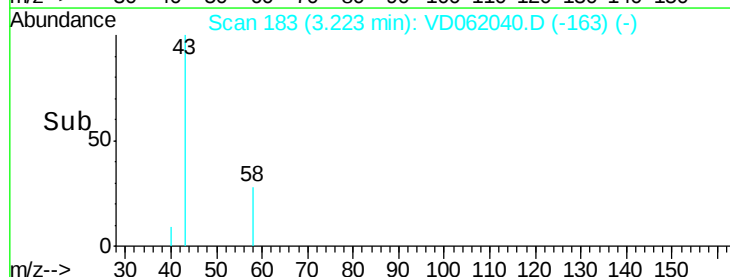
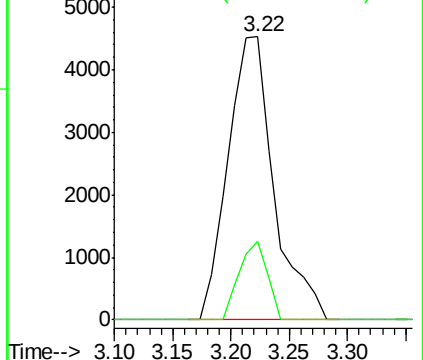
43 100

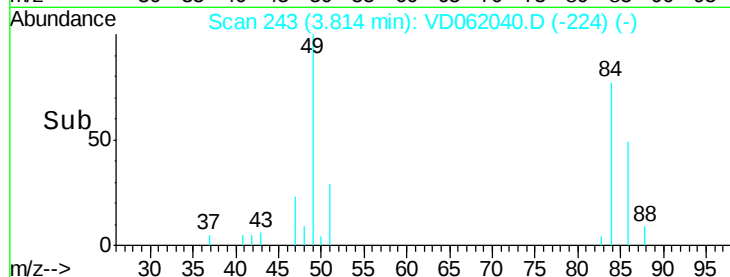
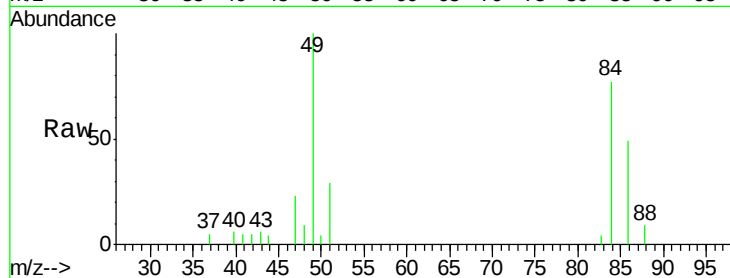
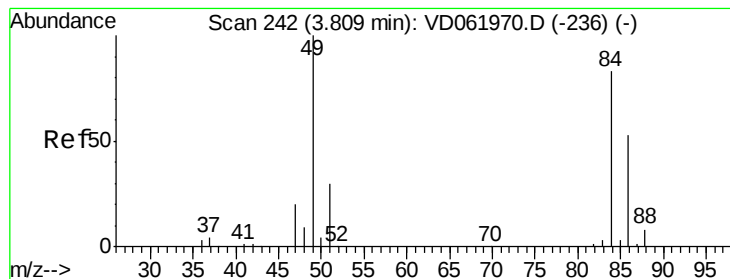
58 27.8 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.292 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062040.D

Acq: 25 Apr 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

EO-02-042319-BRE

Tot Ion: 84 Resp: 23546

Ion Ratio Lower Upper

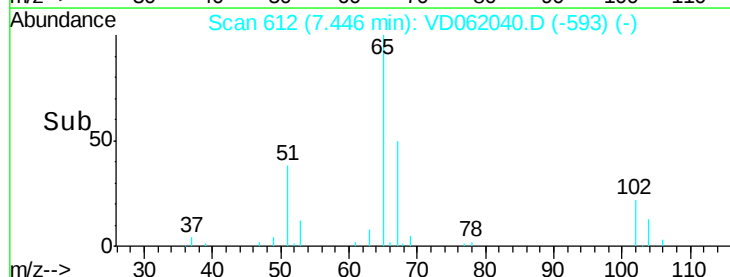
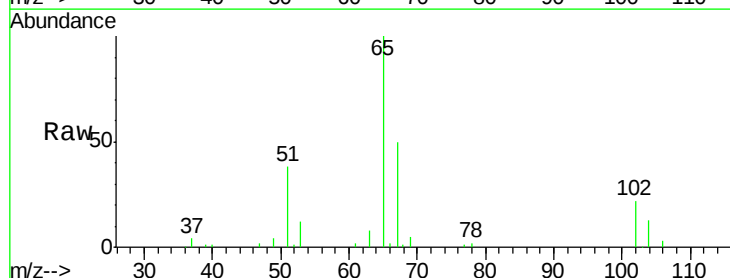
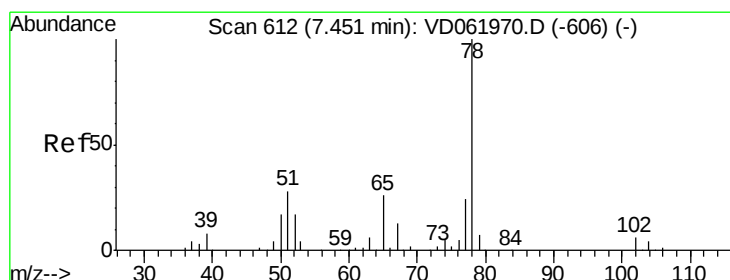
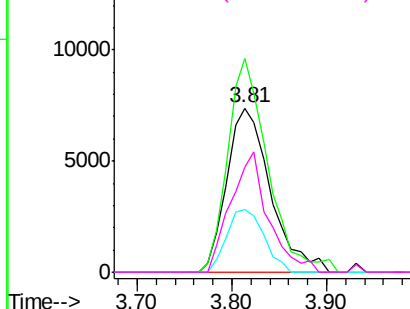
84 100

49 130.1 94.0 141.0

51 37.9 29.0 43.4

86 64.3 49.8 74.6

Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 67.106 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062040.D

Acq: 25 Apr 2019 15:51

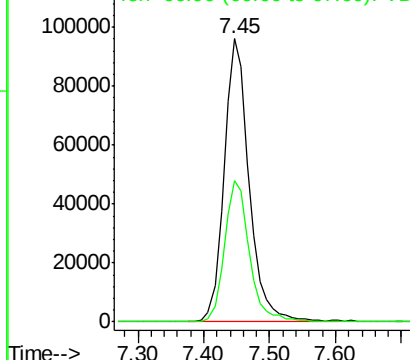
Tgt Ion: 65 Resp: 254794

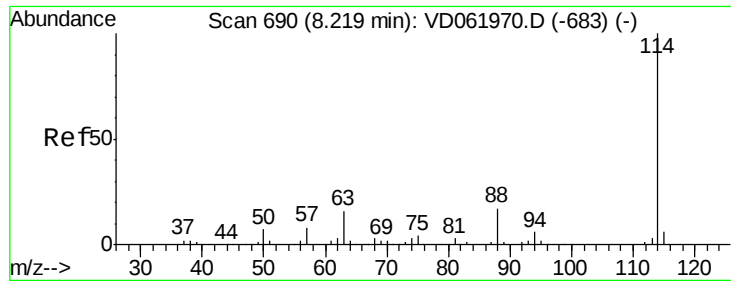
Ion Ratio Lower Upper

65 100

67 50.1 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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062040.D

Acq: 25 Apr 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

EO-02-042319-BRE

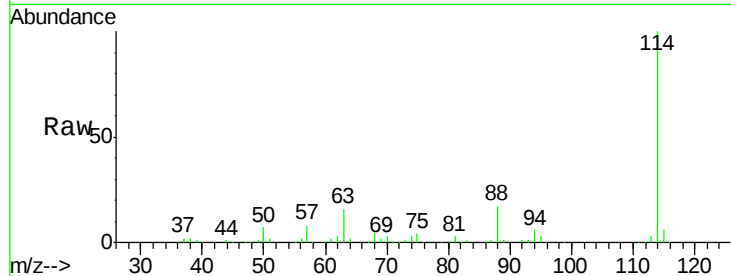
Tot Ion:114 Resp: 822177

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

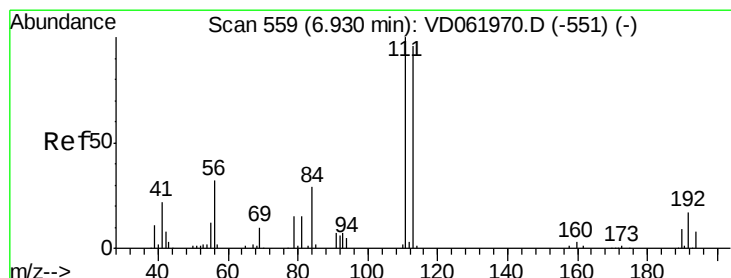
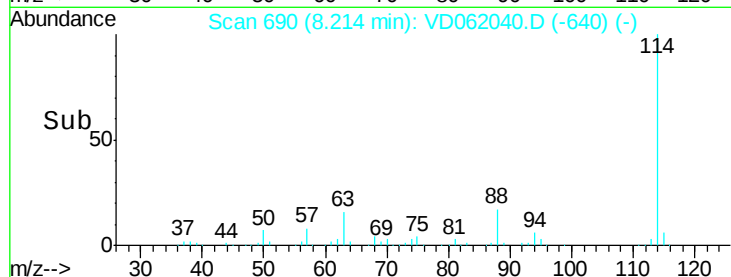
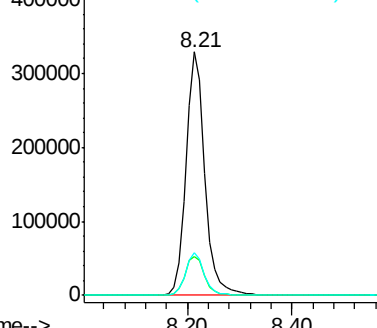
88 17.4 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 57.083 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062040.D

Acq: 25 Apr 2019 15:51

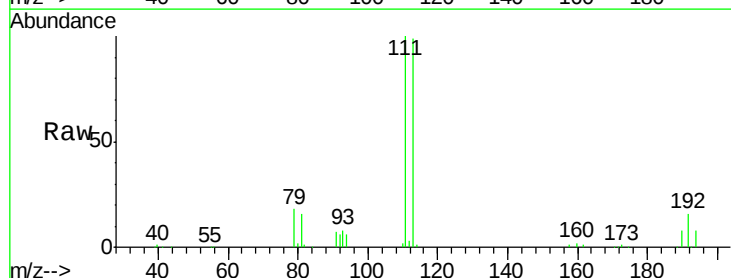
Tgt Ion:113 Resp: 324580

Ion Ratio Lower Upper

113 100

111 100.8 78.5 117.7

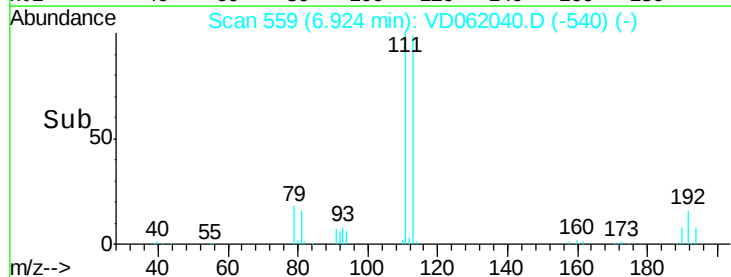
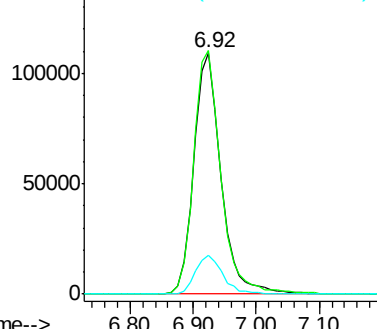
192 16.2 13.0 19.4

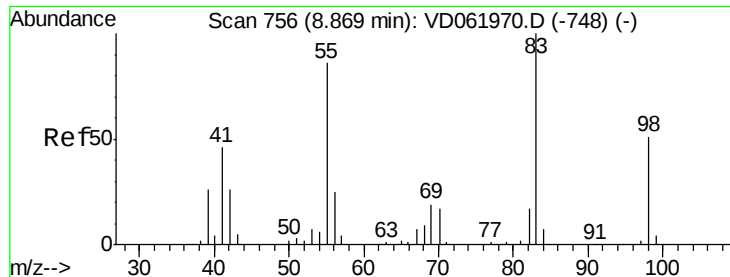


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

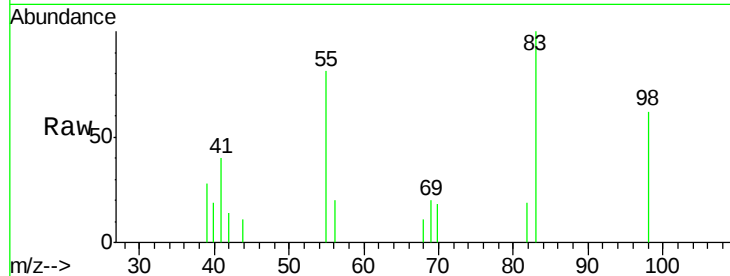




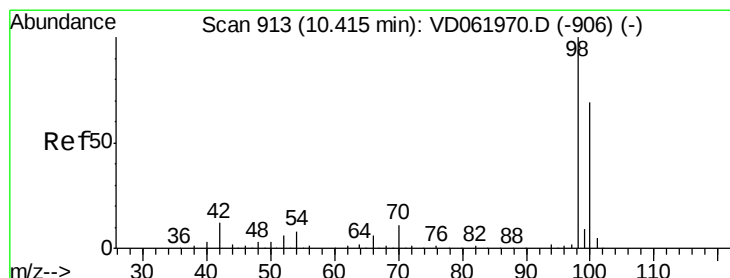
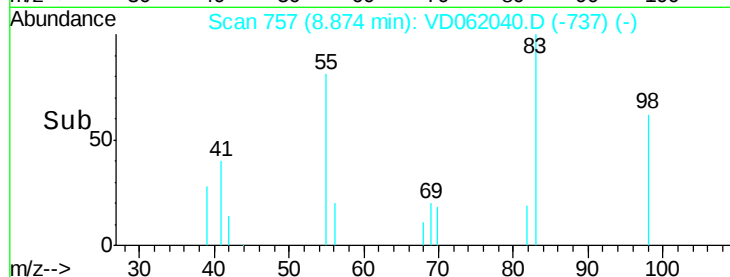
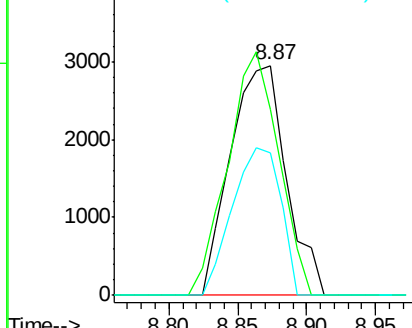
#39
Methvlcvclohexane
Concen: 1.319 ug/l
RT: 8.87 min Scan# 757
Delta R.T. 0.00 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-BRE

Tot Ion: 83 Resp: 8333
Ion Ratio Lower Upper
83 100
55 81.1 68.2 102.4
98 62.1 38.2 57.4#

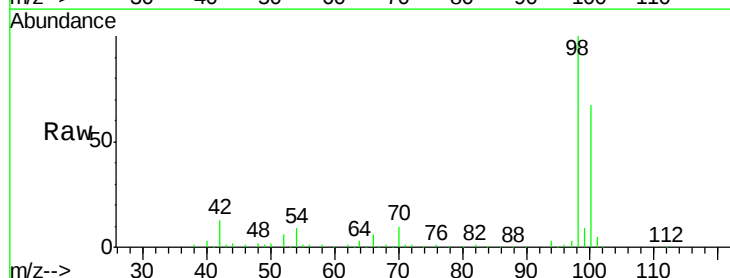


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

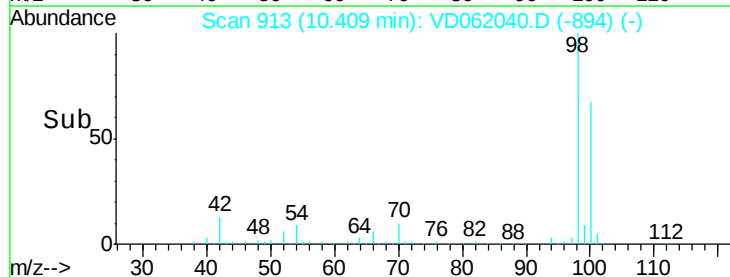
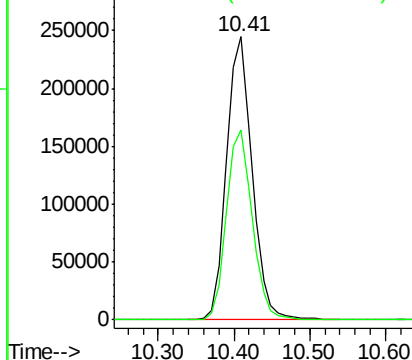


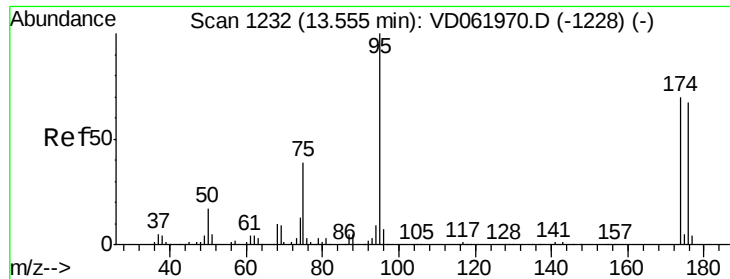
#50
Toluene-d8
Concen: 42.157 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

Tgt Ion: 98 Resp: 570390
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.8



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

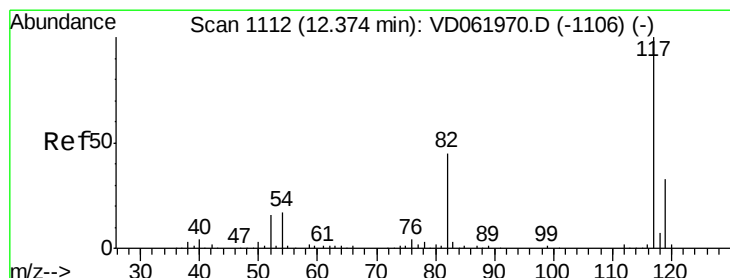
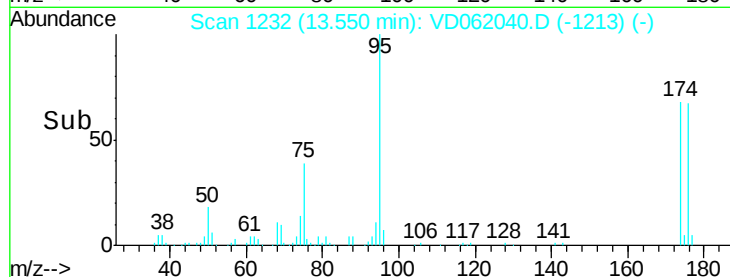
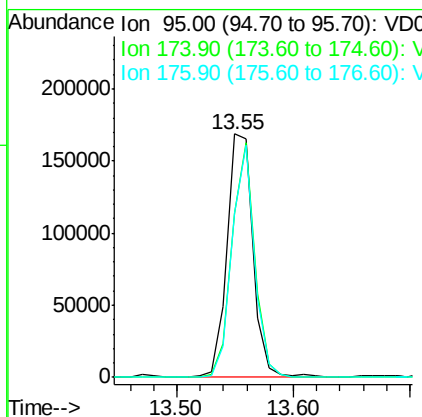
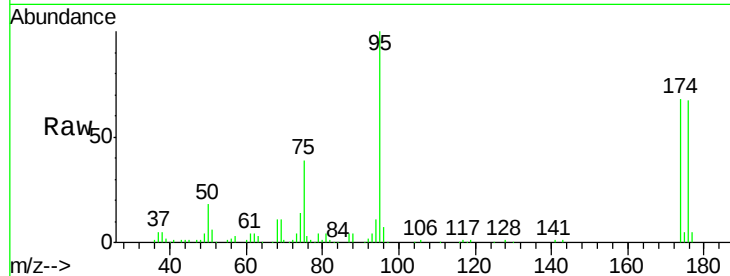




#62
4-Bromofluorobenzene
Concen: 48.386 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

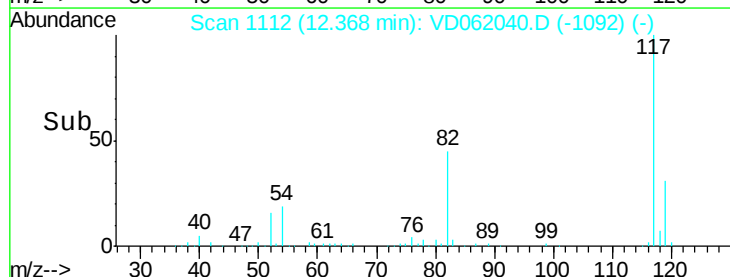
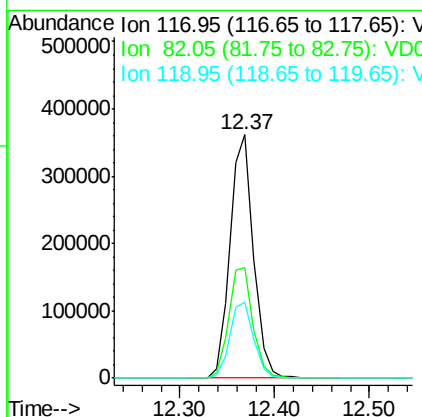
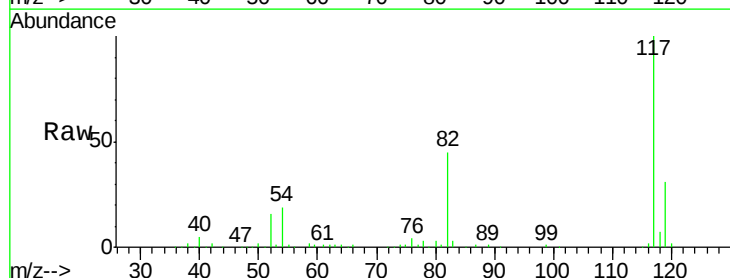
Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-BRE

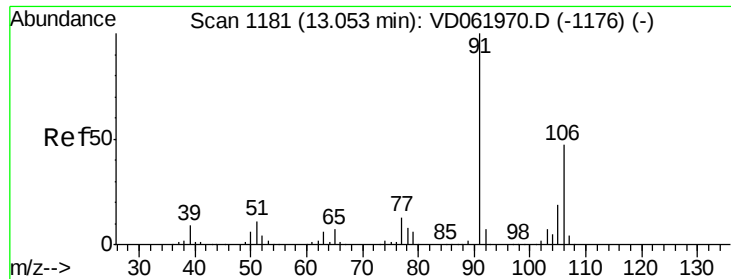
Tot Ion: 95 Resp: 262585
Ion Ratio Lower Upper
95 100
174 67.7 0.0 181.8
176 67.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

Tgt Ion: 117 Resp: 617739
Ion Ratio Lower Upper
117 100
82 45.2 36.2 54.2
119 31.1 26.2 39.4

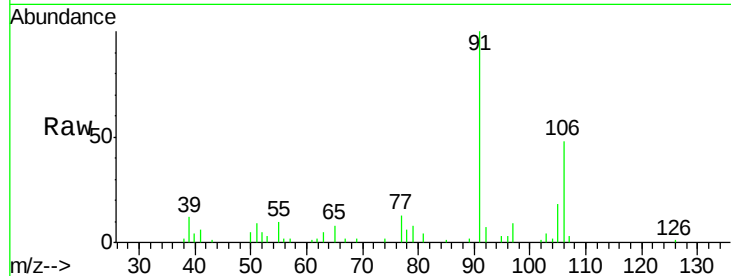




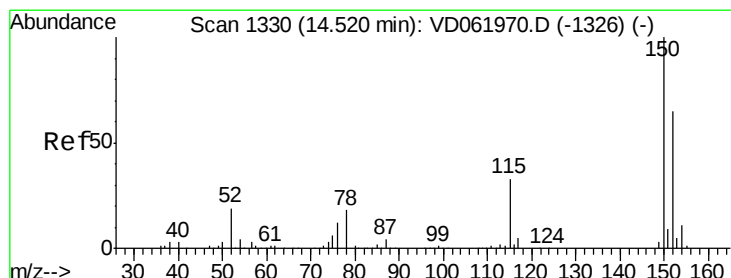
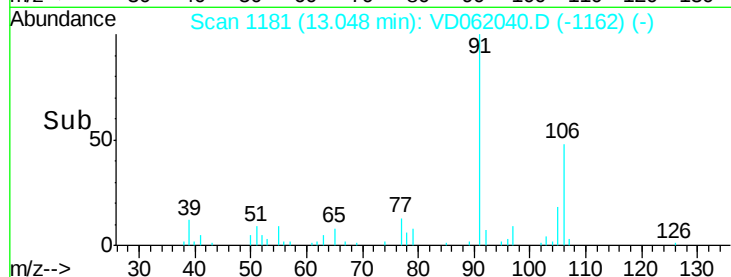
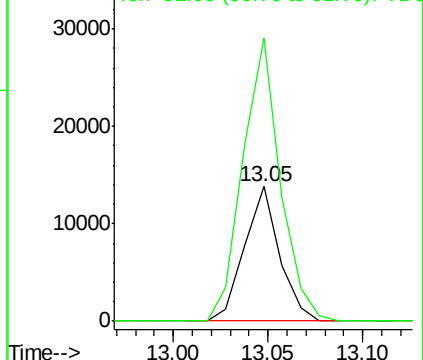
#69
o-Xylene
Concen: 2.812 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-BRE

Tot Ion:106 Resp: 17719
Ion Ratio Lower Upper
106 100
91 210.5 106.7 319.9

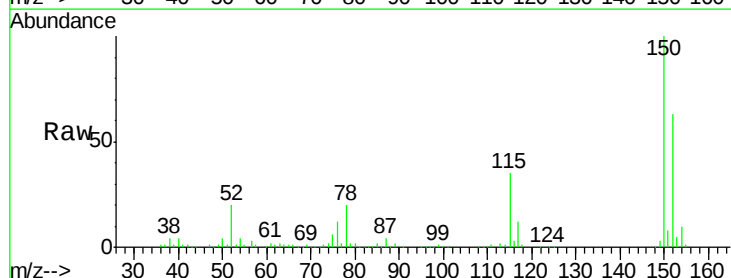


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

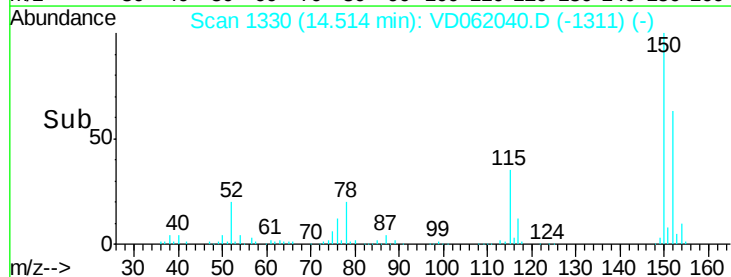
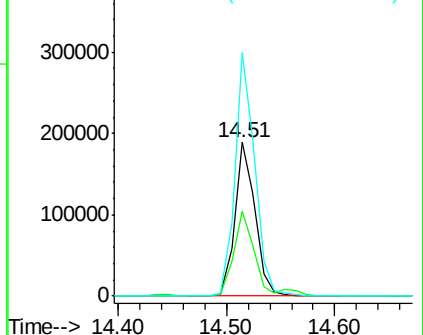


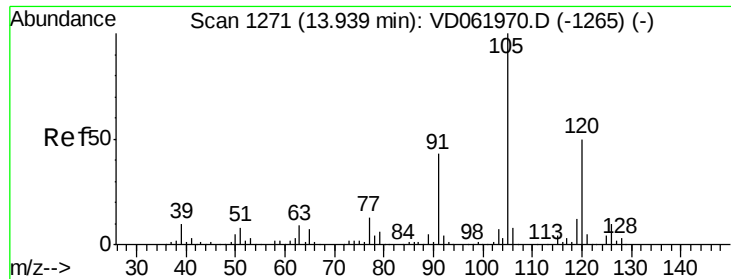
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062040.D
Acq: 25 Apr 2019 15:51

Tgt Ion:152 Resp: 246123
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 158.7 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





#80
 1,3,5-Trimethylbenzene
 Concen: 11.222 ug/l
 RT: 13.93 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062040.D
 Acq: 25 Apr 2019 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-BRE

Tot Ion:105 Resp: 146914
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.0 72.0

