

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062024.D
 Acq On : 25 Apr 2019 6:47
 Operator : VA/AP
 Sample : K2200-11
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Apr 25 07:59:35 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

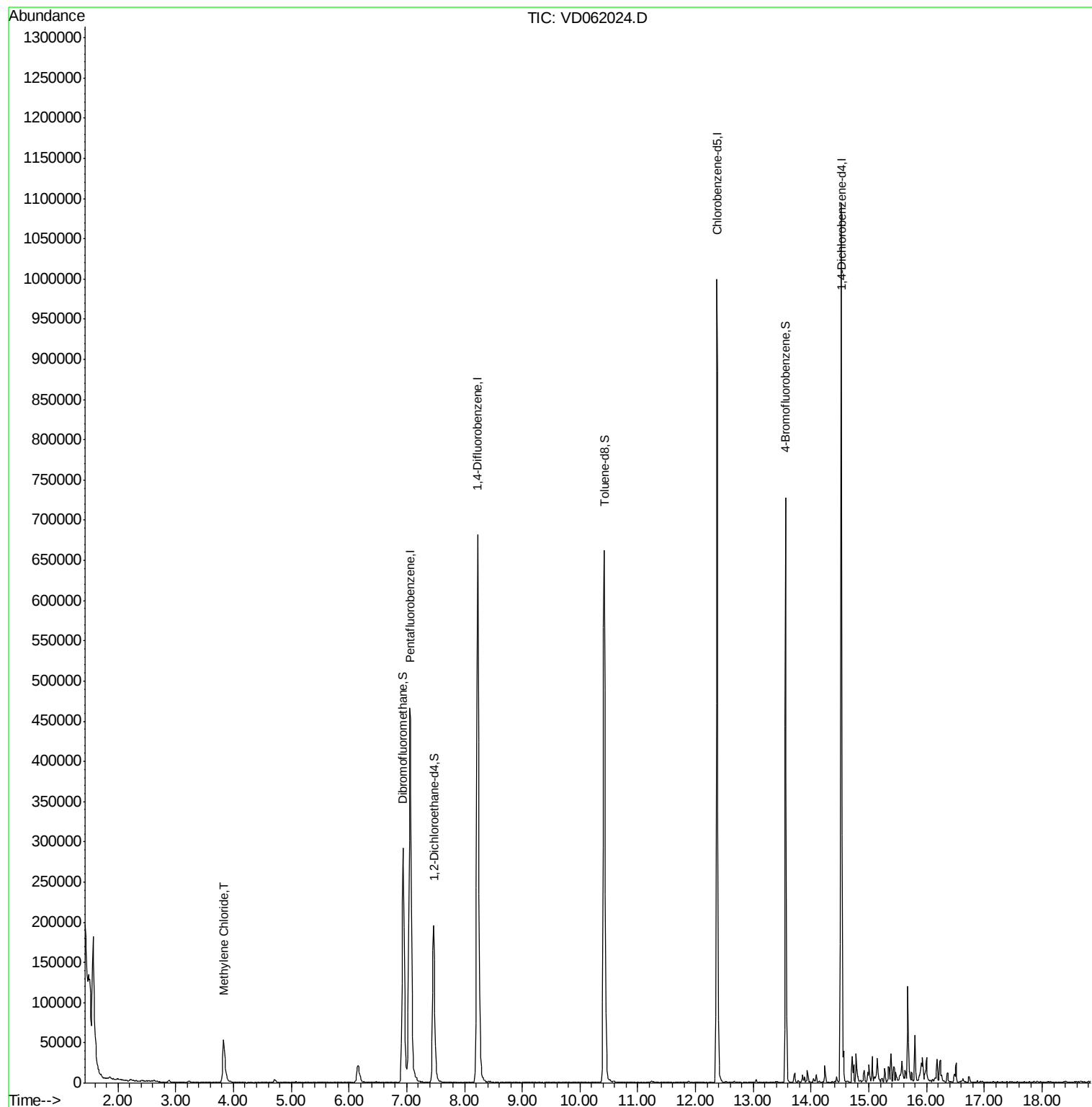
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	498713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	869993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	637238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	277210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	197407	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	6.93	113	276795	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
50) Toluene-d8	10.42	98	579779	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
62) 4-Bromofluorobenzene	13.56	95	222340	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	
Target Compounds						
20) Methylene Chloride	3.83	84	44121	6.981	ug/l	Qvalue 96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062024.D

Acq: 25 Apr 2019 6:47

Instrument :

MSVOA_D

ClientSampleId :

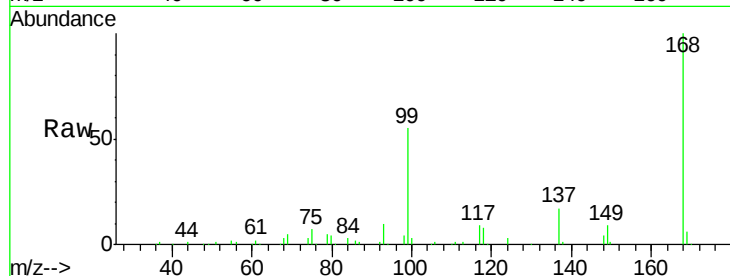
EO-02-042319-C

Tot Ion:168 Resp: 498713

Ion Ratio Lower Upper

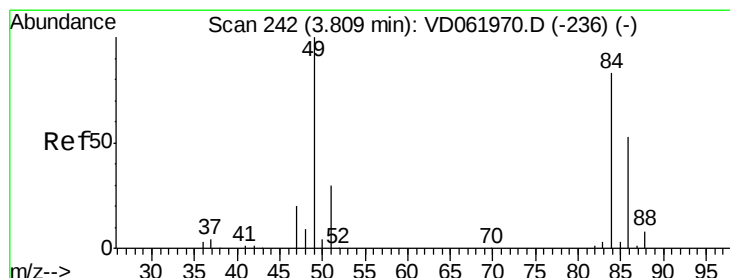
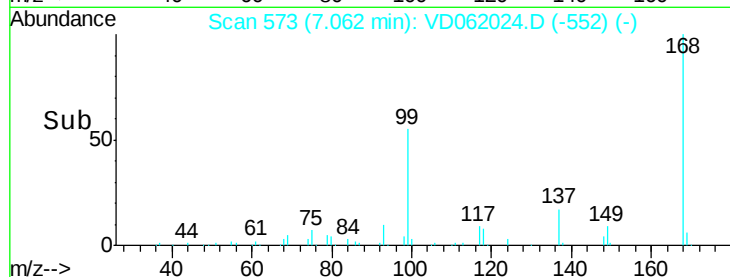
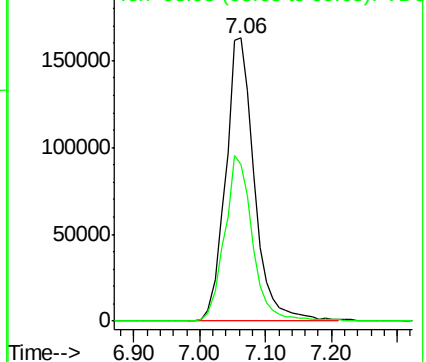
168 100

99 55.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.981 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062024.D

Acq: 25 Apr 2019 6:47

Tgt Ion: 84 Resp: 44121

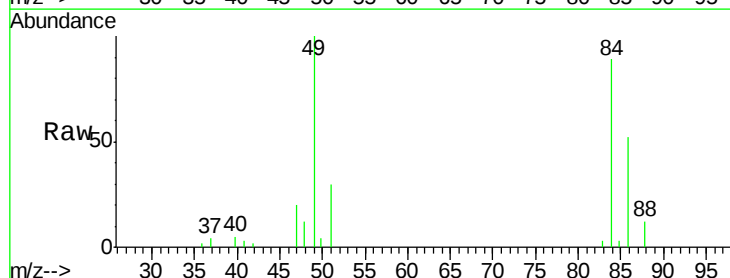
Ion Ratio Lower Upper

84 100

49 112.7 94.0 141.0

51 34.0 29.0 43.4

86 58.4 49.8 74.6

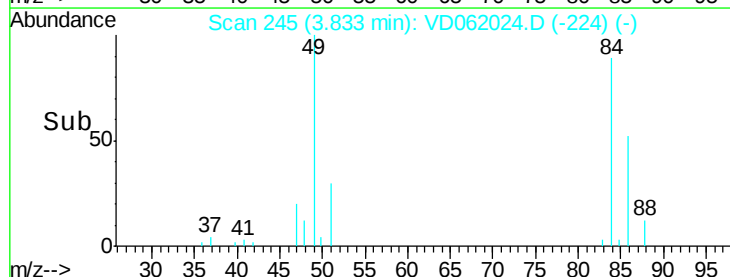
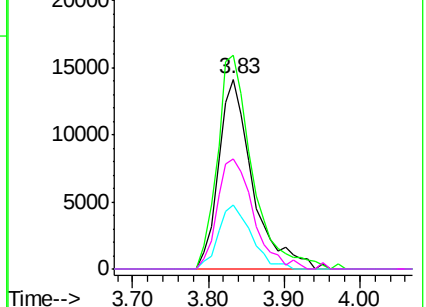


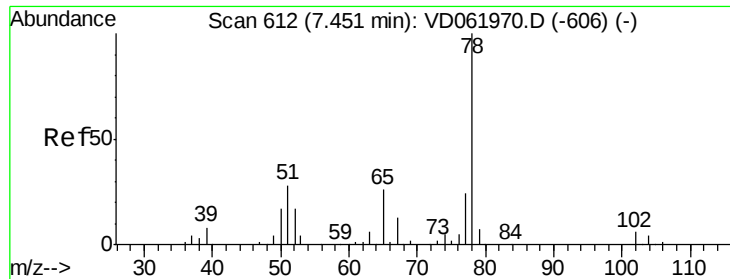
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

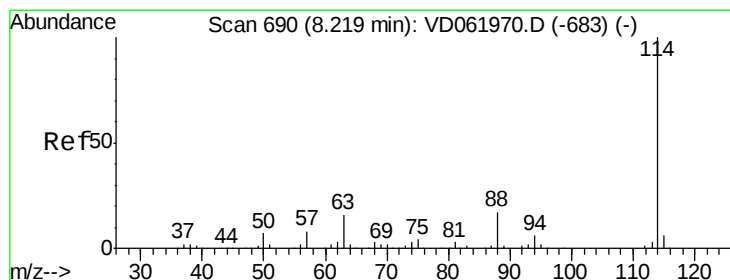
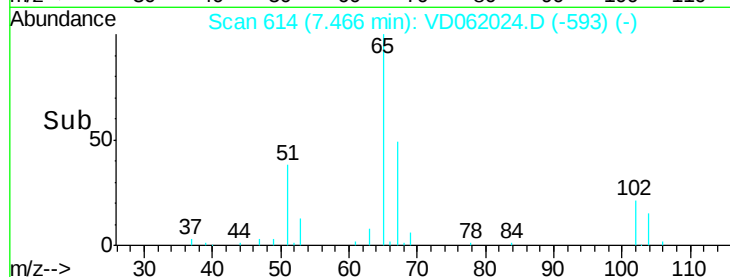
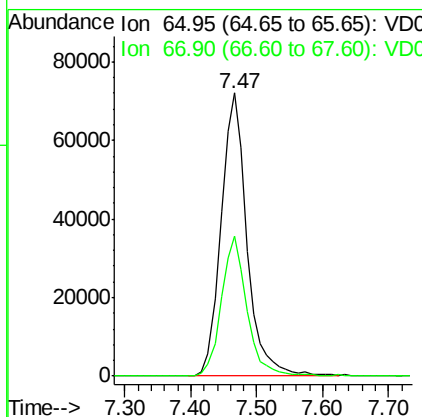
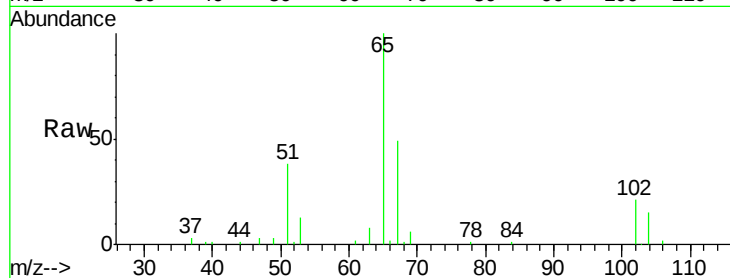




#33
 1,2-Dichloroethane-d4
 Concen: 50.576 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062024.D
 Acq: 25 Apr 2019 6:47

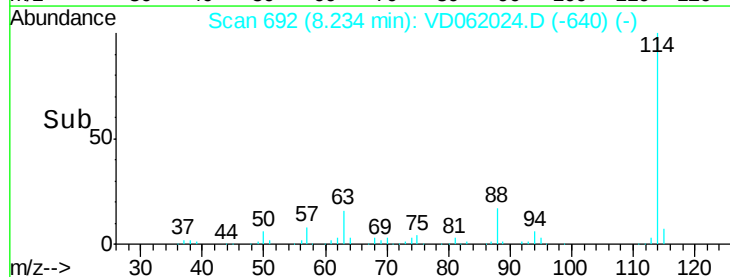
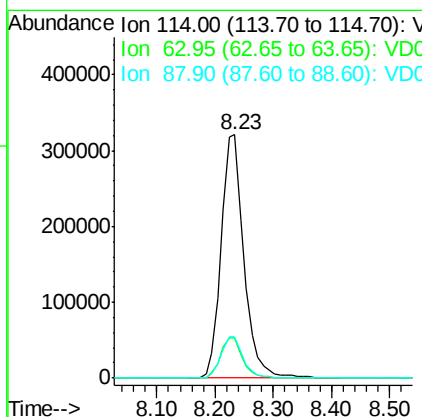
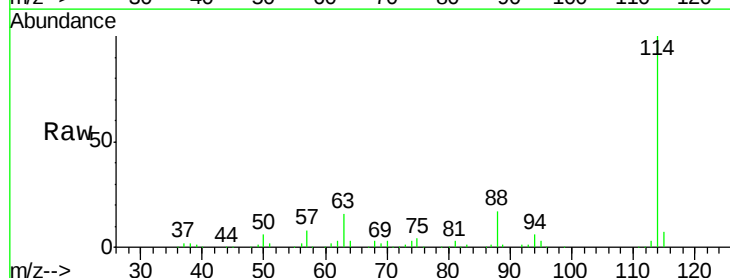
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-C

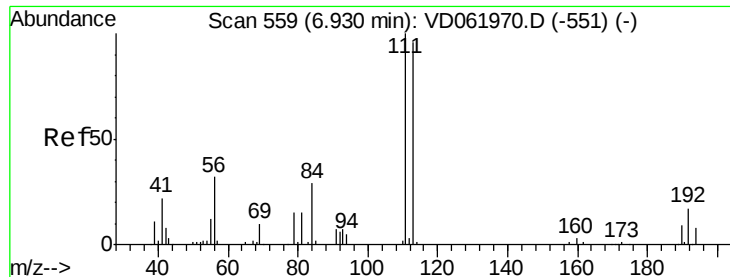
Tot Ion: 65 Resp: 197407
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062024.D
 Acq: 25 Apr 2019 6:47

Tgt Ion: 114 Resp: 869993
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 32.4
 88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.003 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD062024.D

Acq: 25 Apr 2019 6:47

Instrument :

MSVOA_D

ClientSampleId :

EO-02-042319-C

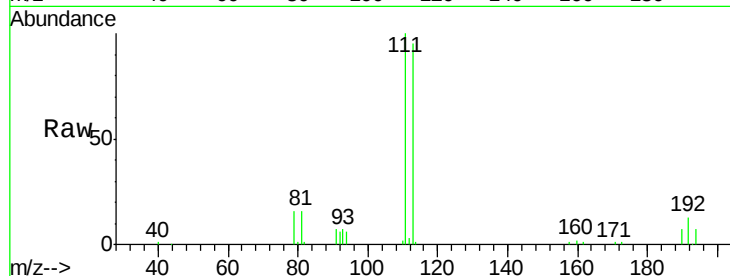
Tot Ion:113 Resp: 276795

Ion Ratio Lower Upper

113 100

111 105.0 78.5 117.7

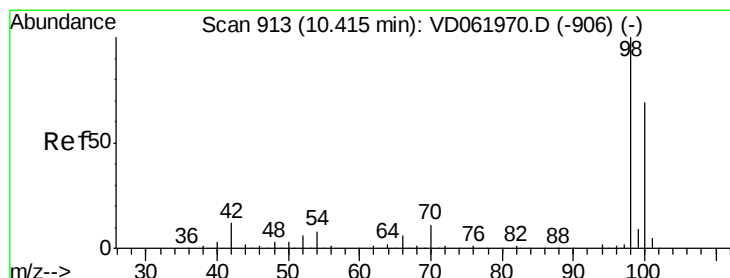
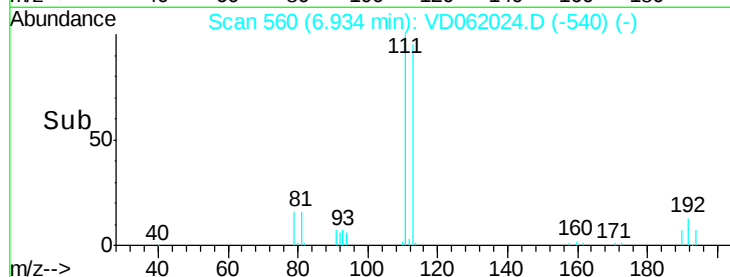
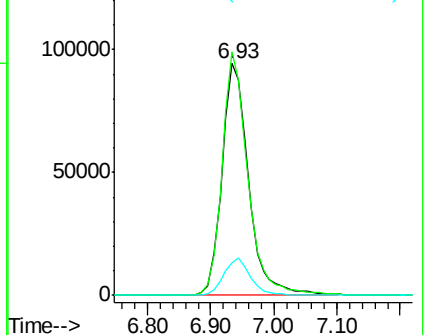
192 13.9 13.0 19.4



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: 40.496 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062024.D

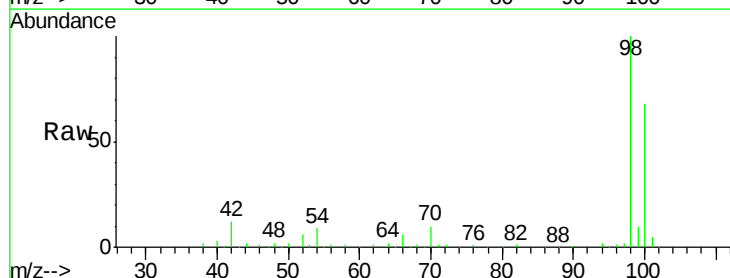
Acq: 25 Apr 2019 6:47

Tgt Ion: 98 Resp: 579779

Ion Ratio Lower Upper

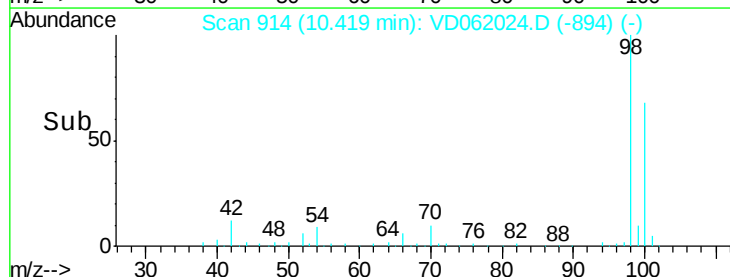
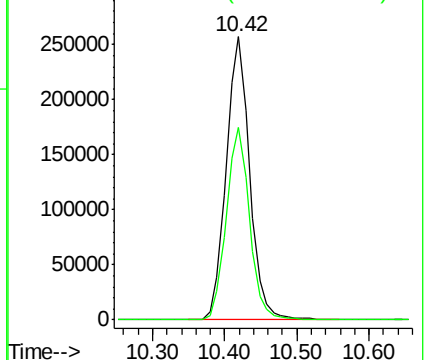
98 100

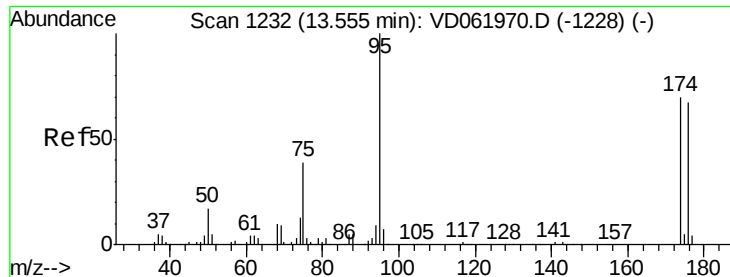
100 68.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 38.719 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062024.D

Acq: 25 Apr 2019 6:47

Instrument :

MSVOA_D

ClientSampleId :

EO-02-042319-C

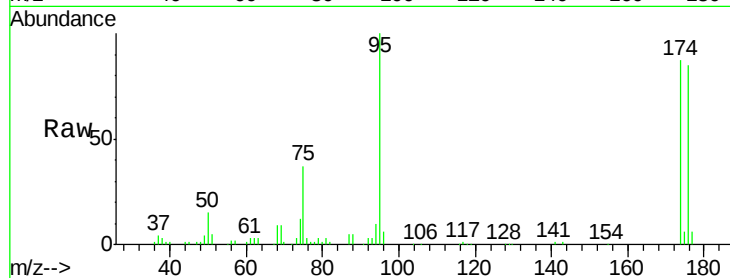
Tot Ion: 95 Resp: 222340

Ion Ratio Lower Upper

95 100

174 87.3 0.0 181.8

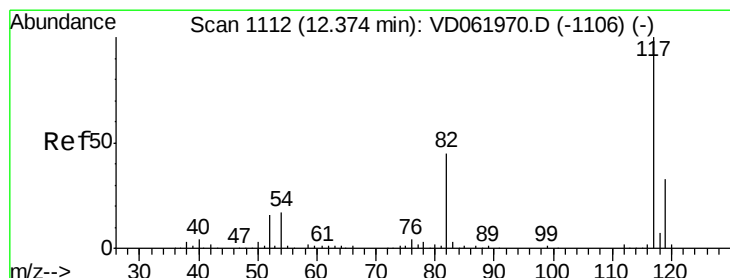
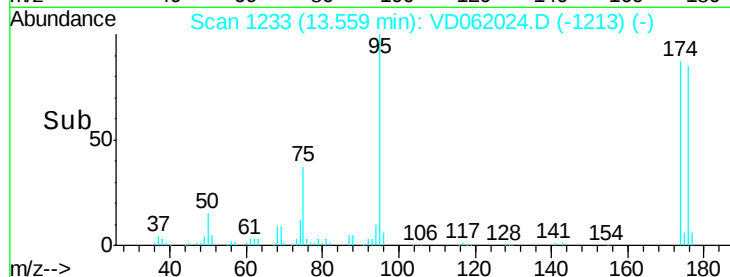
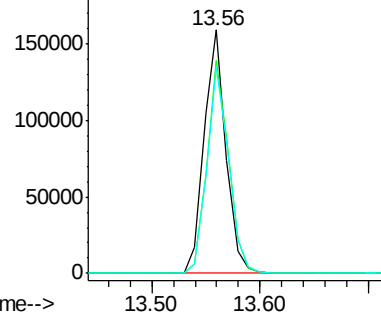
176 84.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD062024.D

Acq: 25 Apr 2019 6:47

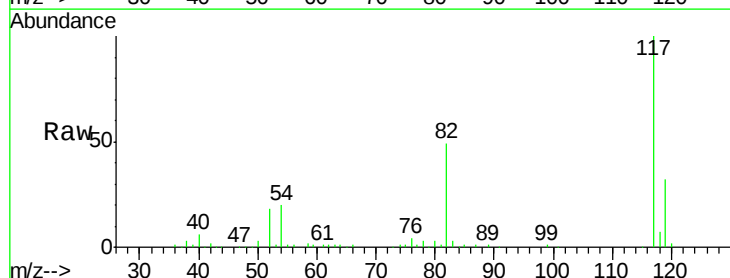
Tgt Ion: 117 Resp: 637238

Ion Ratio Lower Upper

117 100

82 48.7 36.2 54.2

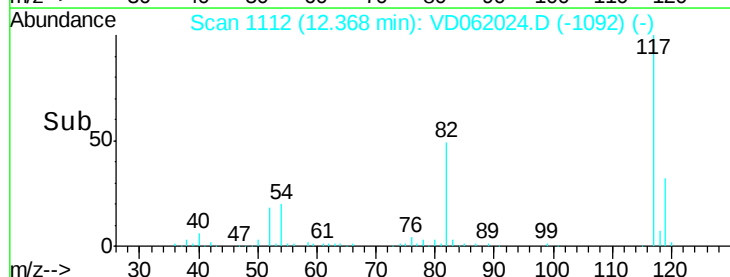
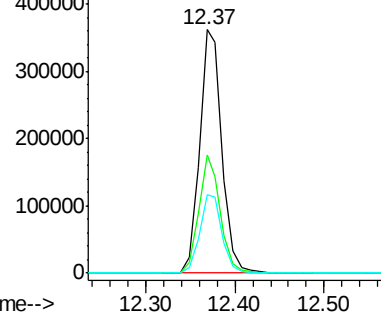
119 32.3 26.2 39.4

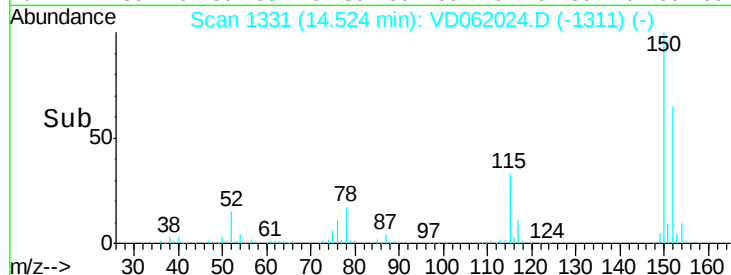
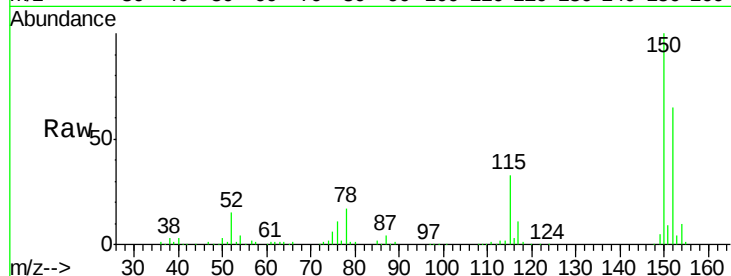
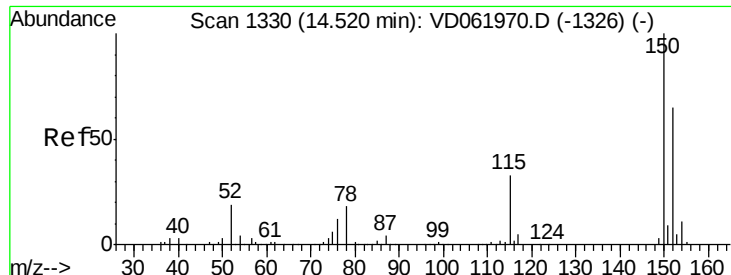


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD062024.D
 Acq: 25 Apr 2019 6:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.0	30.9	92.7
150	154.2	0.0	314.8

