

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062436.D
 Acq On : 17 May 2019 13:44
 Operator : FY/SY
 Sample : K2644-01RE
 Misc : 7.98g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051519-ARE

Quant Time: May 18 00:10:06 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

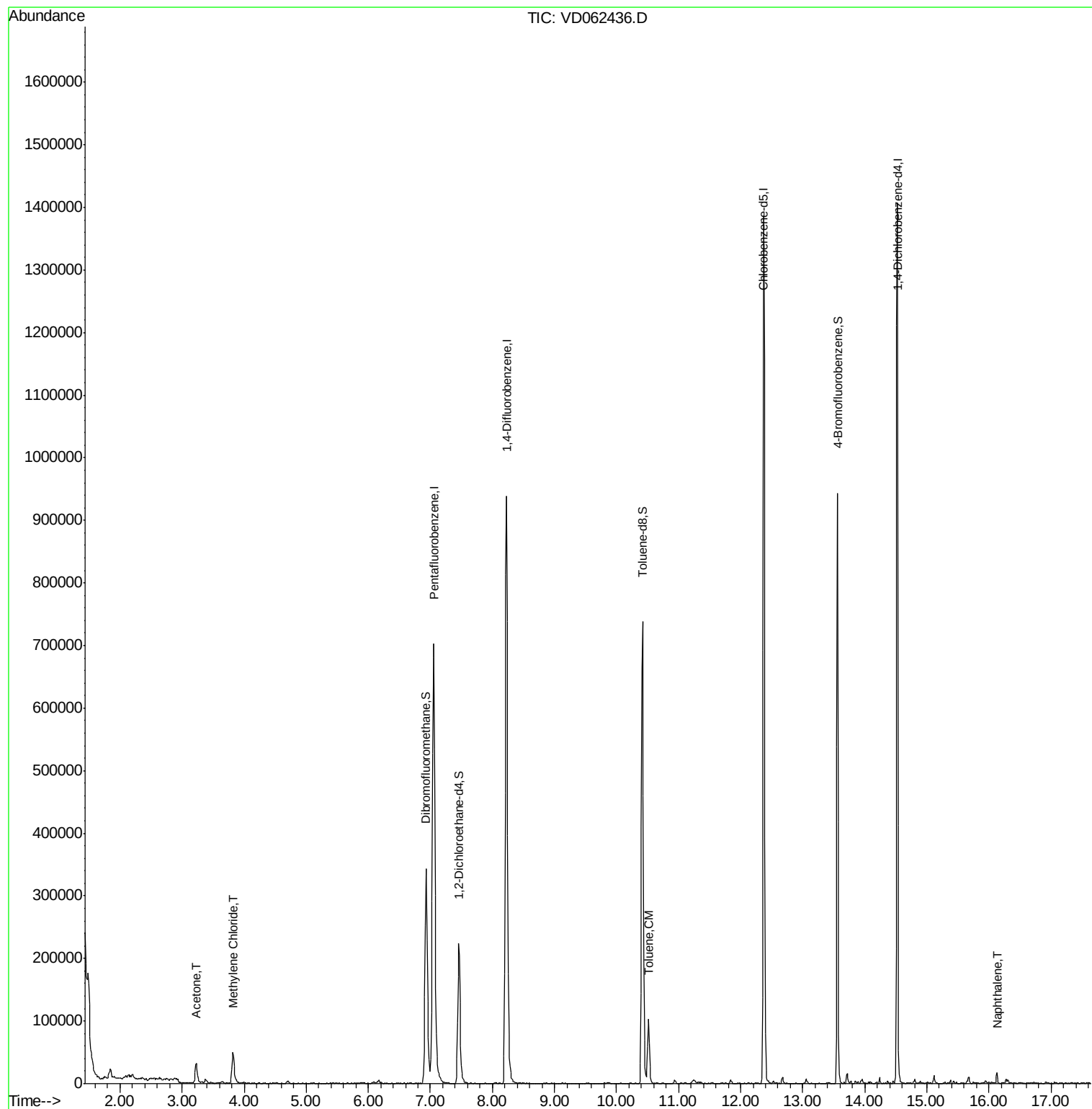
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	707103	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	1016034	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	771448	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	333844	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	240513	36.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.20%	
35) Dibromofluoromethane	6.93	113	305562	36.25	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.50%	
50) Toluene-d8	10.42	98	604225	29.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.46%	
62) 4-Bromofluorobenzene	13.56	95	254642	31.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.40%	
Target Compounds						
16) Acetone	3.23	43	62275	45.191	ug/l #	78
20) Methylene Chloride	3.82	84	33719	5.860	ug/l	91
52) Toluene	10.52	92	53225	4.349	ug/l	96
95) Naphthalene	16.13	128	11690	1.365	ug/l	98

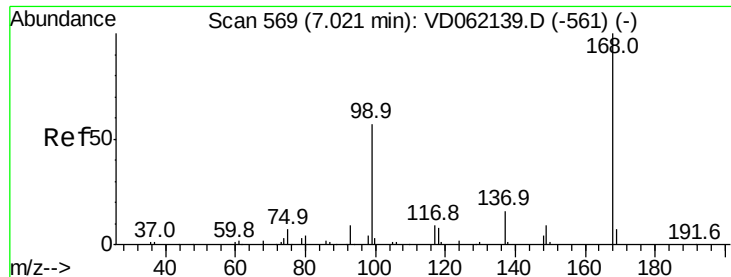
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051719\
Data File : VD062436.D
Acq On : 17 May 2019 13:44
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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: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062436.D

Acq: 17 May 2019 13:44

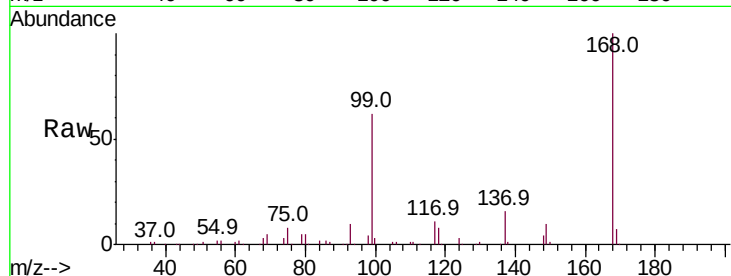
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051519-ARE

Tot Ion:168 Resp: 707103

Ion Ratio Lower Upper

168 100

99 62.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

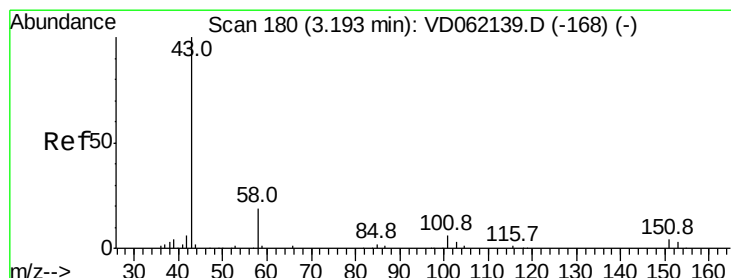
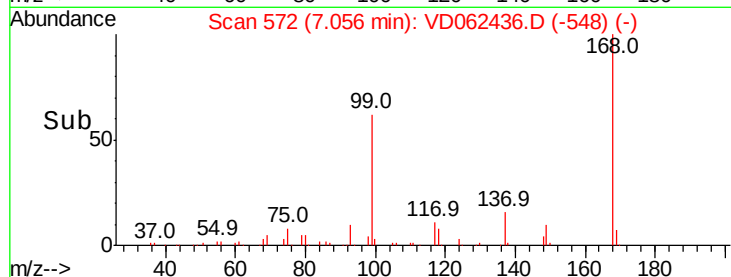
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 45.191 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062436.D

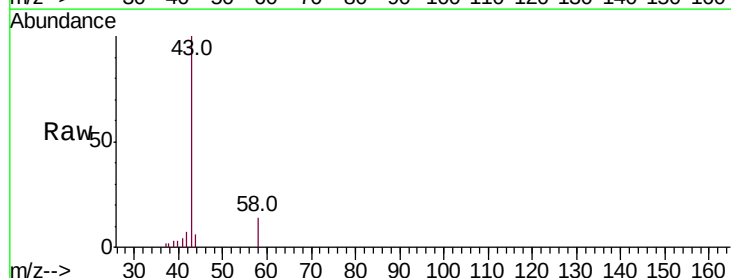
Acq: 17 May 2019 13:44

Tgt Ion: 43 Resp: 62275

Ion Ratio Lower Upper

43 100

58 14.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

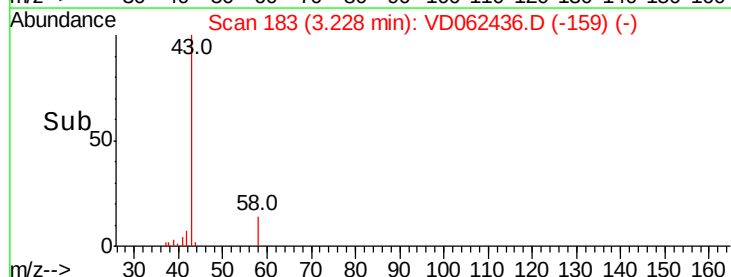
15000

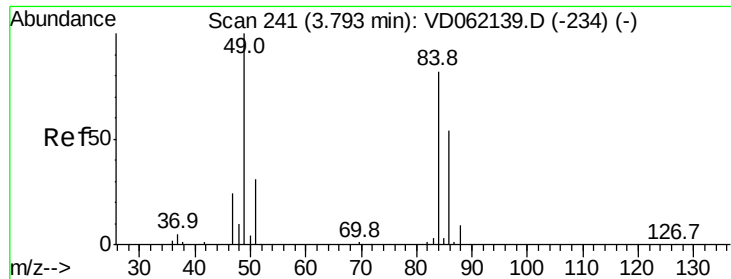
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

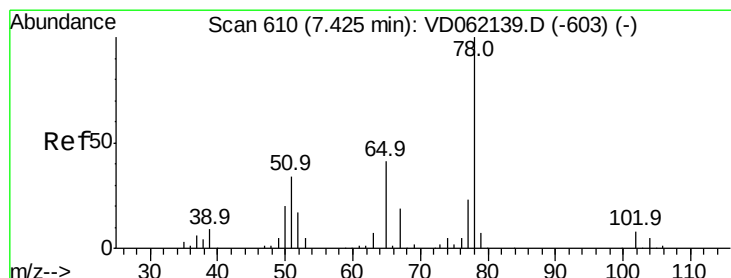
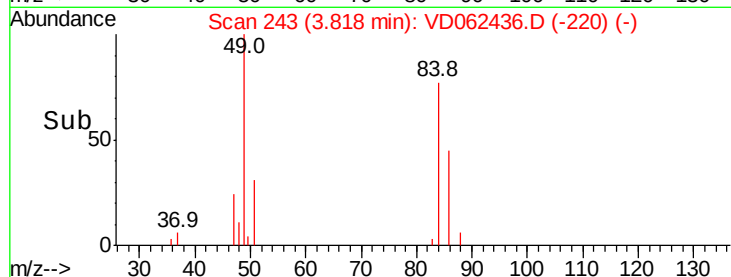
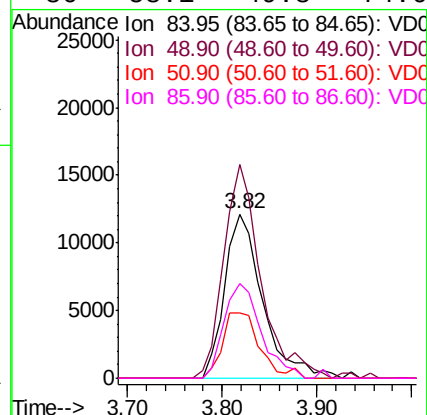
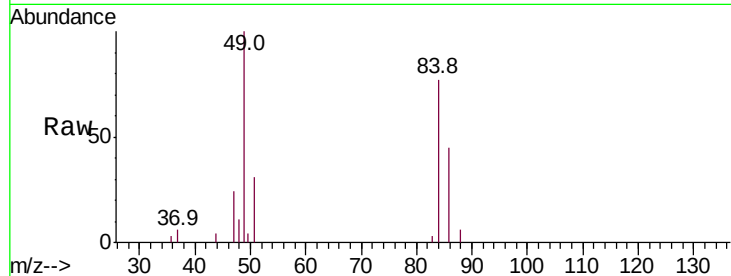




#20
Methylene Chloride
Concen: 5.860 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062436.D
Acq: 17 May 2019 13:44

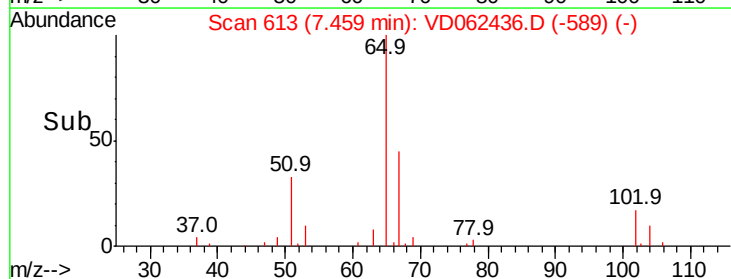
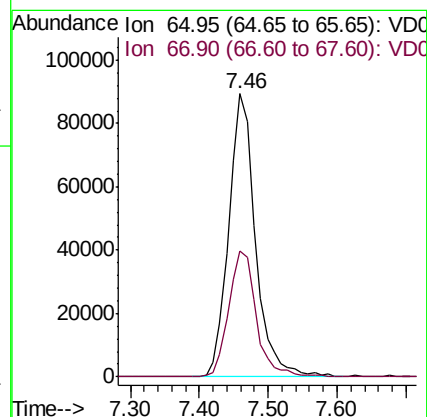
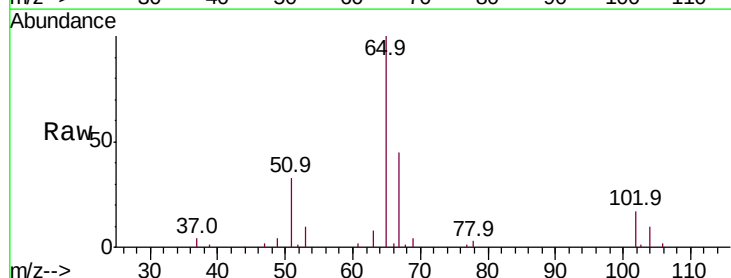
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051519-ARE

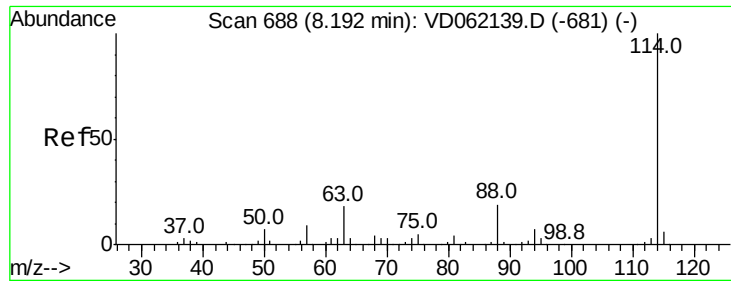
Tot Ion:	84	Resp:	33719
Ion	Ratio	Lower	Upper
84	100		
49	130.3	94.0	141.0
51	40.2	29.0	43.4
86	58.1	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 36.601 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062436.D
Acq: 17 May 2019 13:44

Tgt Ion:	65	Resp:	240513
Ion	Ratio	Lower	Upper
65	100		
67	44.5	0.0	98.0

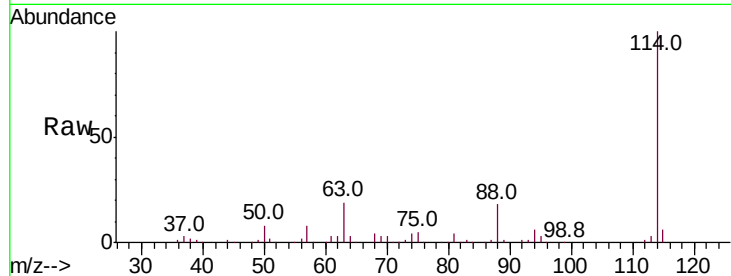




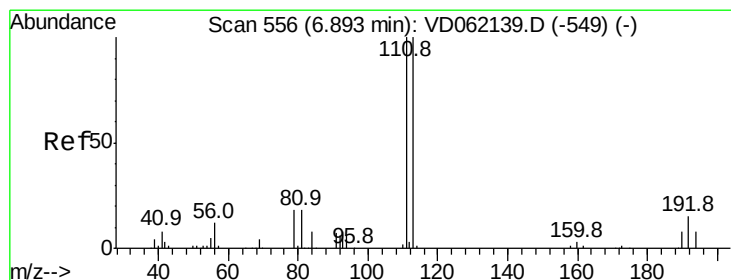
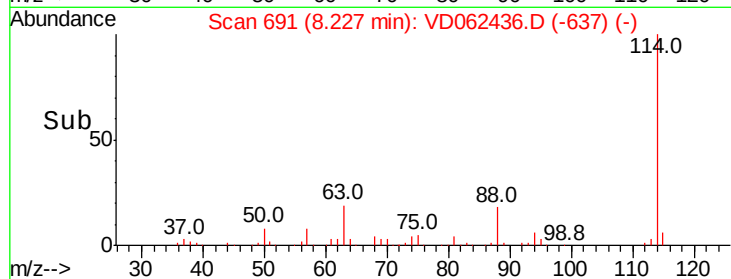
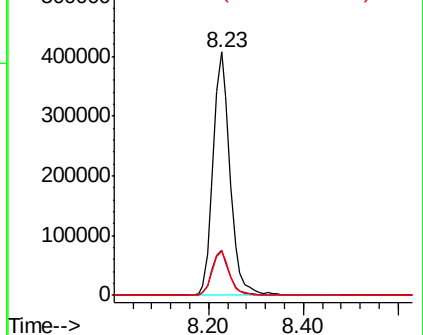
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062436.D
 Acq: 17 May 2019 13:44

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051519-ARE

Tot Ion:114 Resp: 1016034
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 32.4
 88 17.9 0.0 33.6

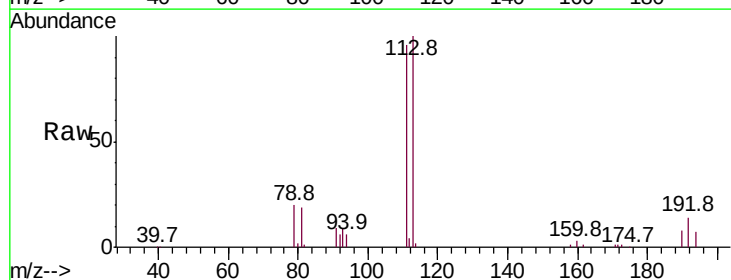


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

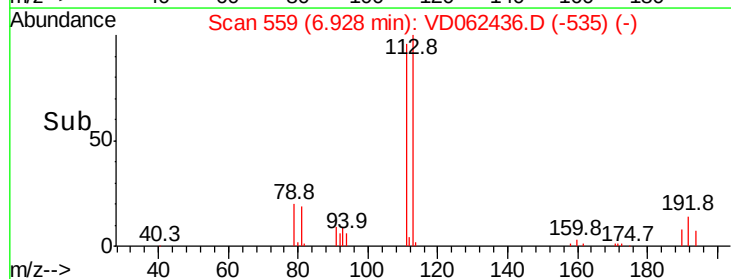
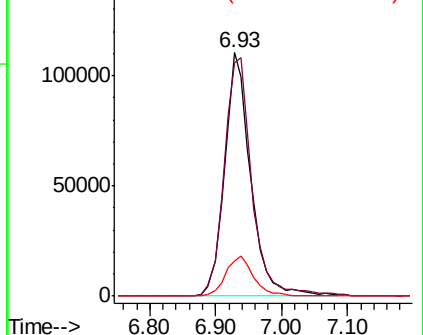


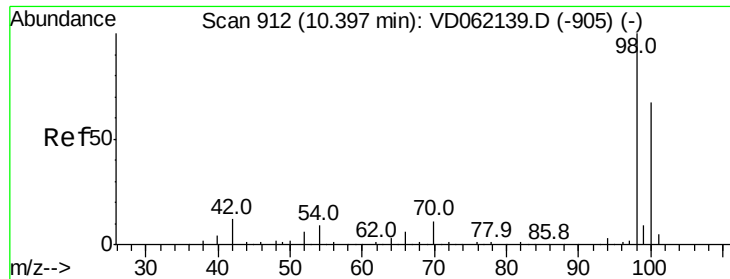
#35
 Dibromofluoromethane
 Concen: 36.246 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062436.D
 Acq: 17 May 2019 13:44

Tgt Ion:113 Resp: 305562
 Ion Ratio Lower Upper
 113 100
 111 95.8 78.5 117.7
 192 14.5 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

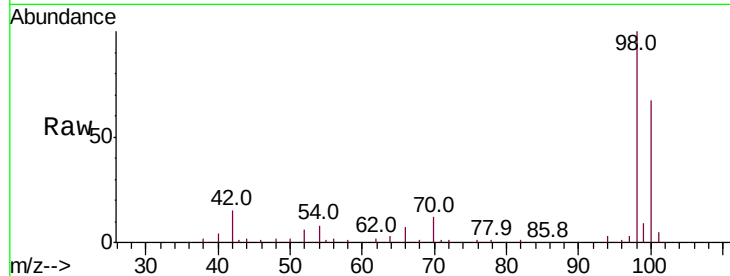




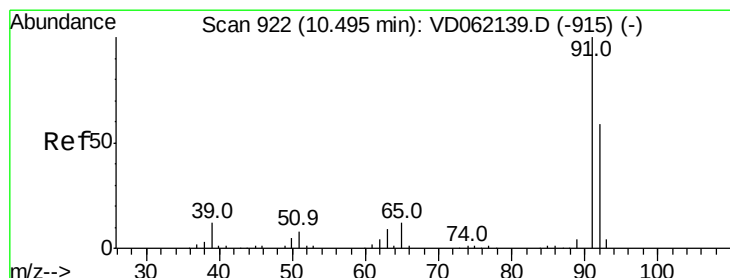
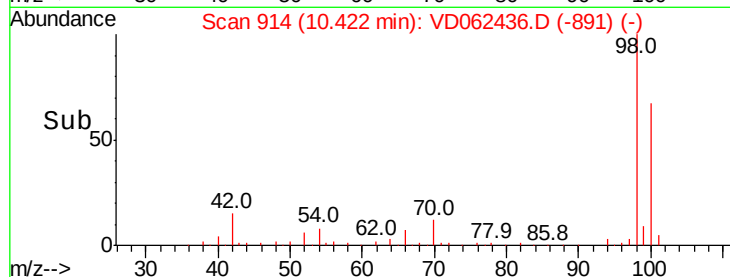
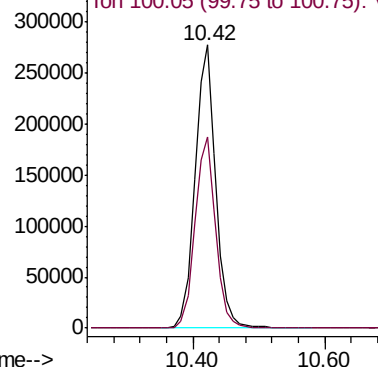
#50
Toluene-d8
Concen: 29.727 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062436.D
Acq: 17 May 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051519-ARE

Tot Ion: 98 Resp: 604225
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8

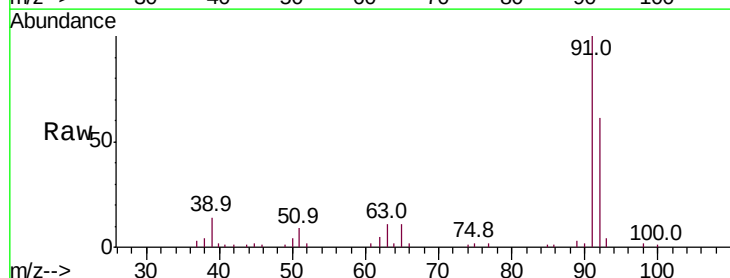


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

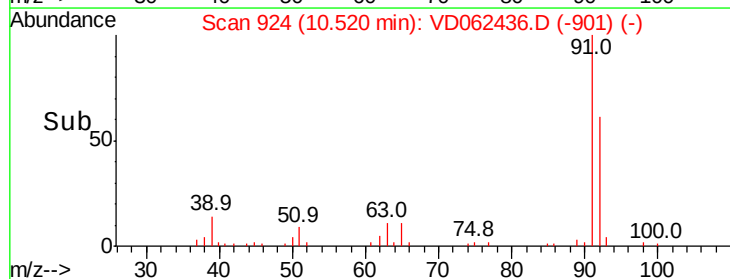
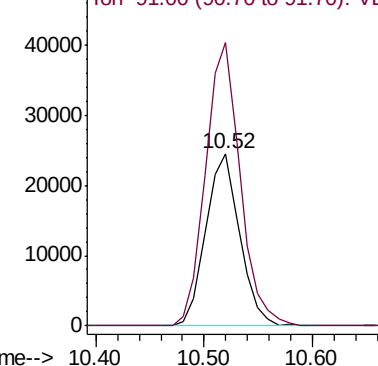


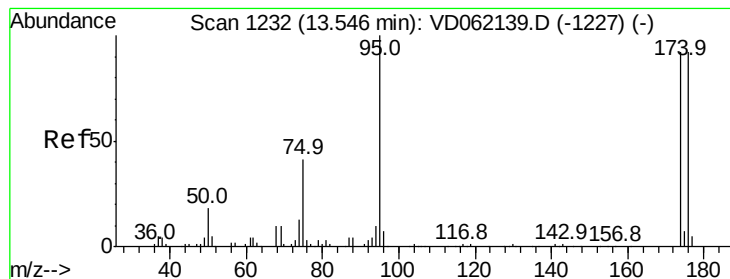
#52
Toluene
Concen: 4.349 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD062436.D
Acq: 17 May 2019 13:44

Tgt Ion: 92 Resp: 53225
Ion Ratio Lower Upper
92 100
91 164.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 31.198 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062436.D

Acq: 17 May 2019 13:44

Instrument :

MSVOA_D

ClientSampleId :

EO-01-051519-ARE

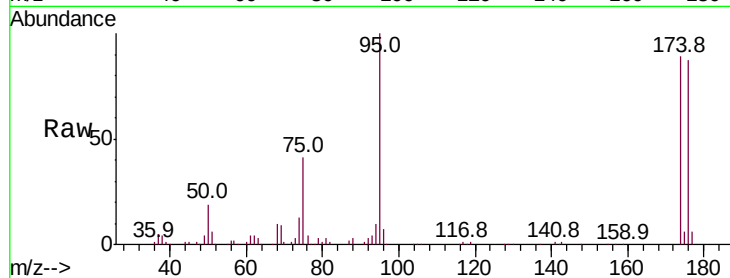
Tot Ion: 95 Resp: 254642

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.8

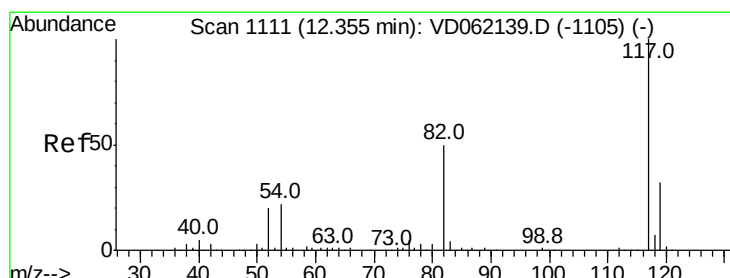
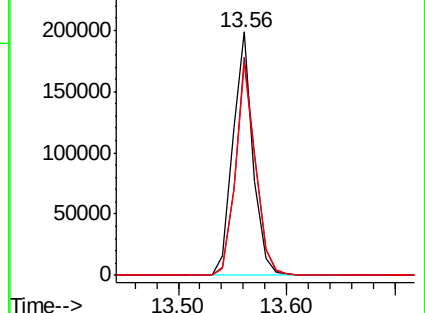
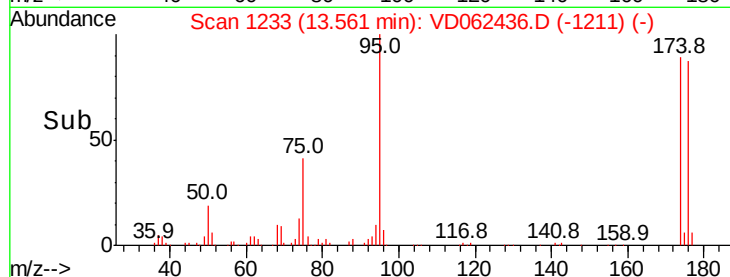
176 86.9 0.0 174.4



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. 0.02 min

Lab File: VD062436.D

Acq: 17 May 2019 13:44

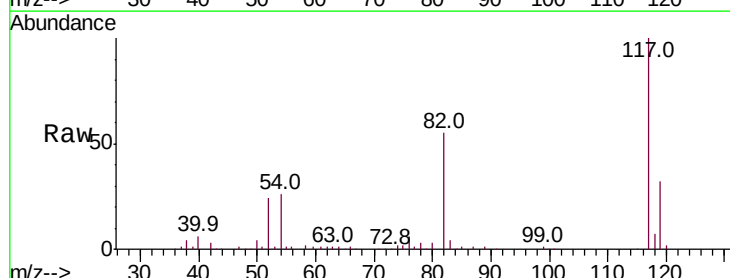
Tgt Ion: 117 Resp: 771448

Ion Ratio Lower Upper

117 100

82 55.1 36.2 54.2#

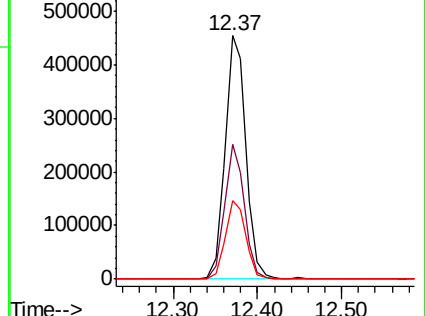
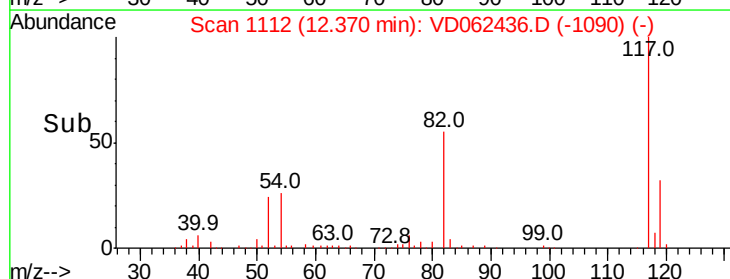
119 32.3 26.2 39.4

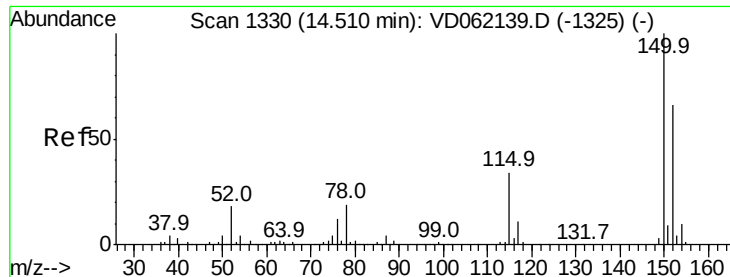


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

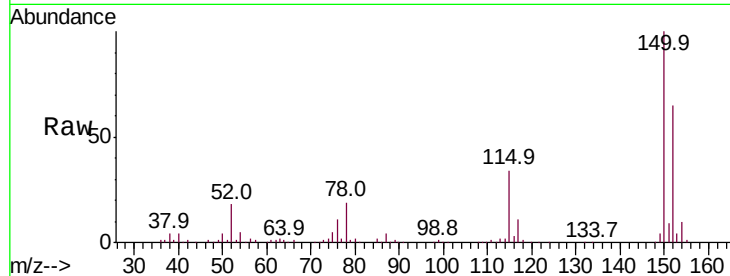




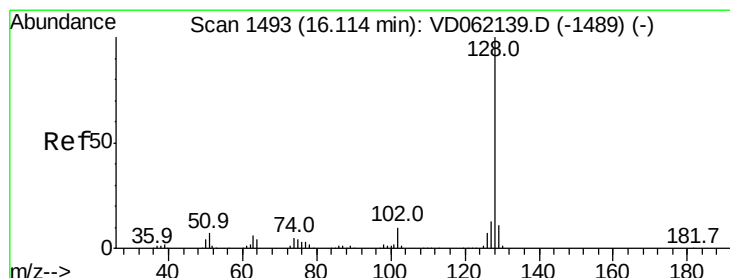
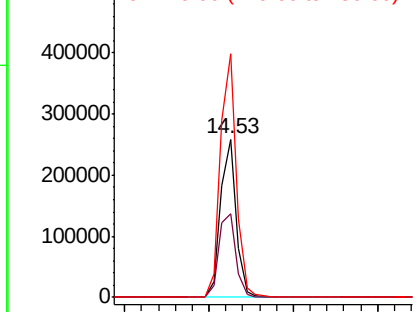
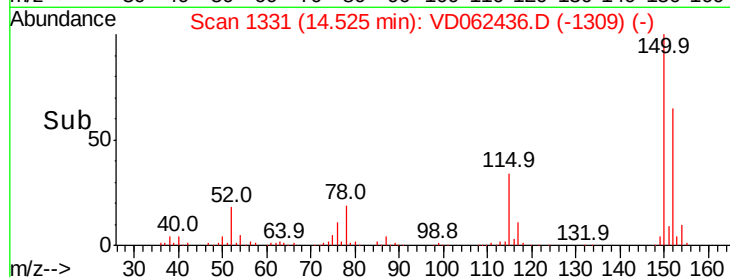
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD062436.D
 Acq: 17 May 2019 13:44

Instrument :
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 EO-01-051519-ARE

Tot Ion:152 Resp: 333844
 Ion Ratio Lower Upper
 152 100
 115 52.9 30.9 92.7
 150 153.6 0.0 314.8

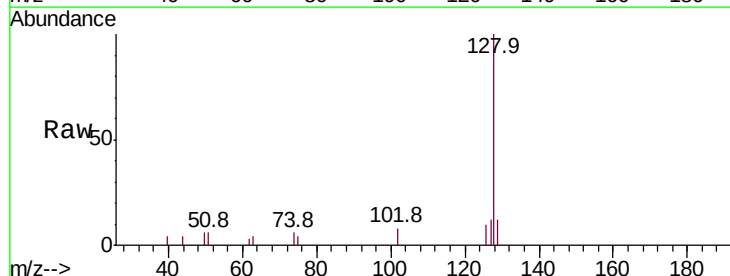


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 1.365 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.02 min
 Lab File: VD062436.D
 Acq: 17 May 2019 13:44

Tgt Ion:128 Resp: 11690
 Ion Ratio Lower Upper
 128 100
 127 12.4 9.8 14.8
 129 12.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

