

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062326.D
 Acq On : 14 May 2019 2:30
 Operator : FY/SY
 Sample : K2735-04
 Misc : 6.55u/5mL/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1824-01

Quant Time: May 14 06:22:18 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

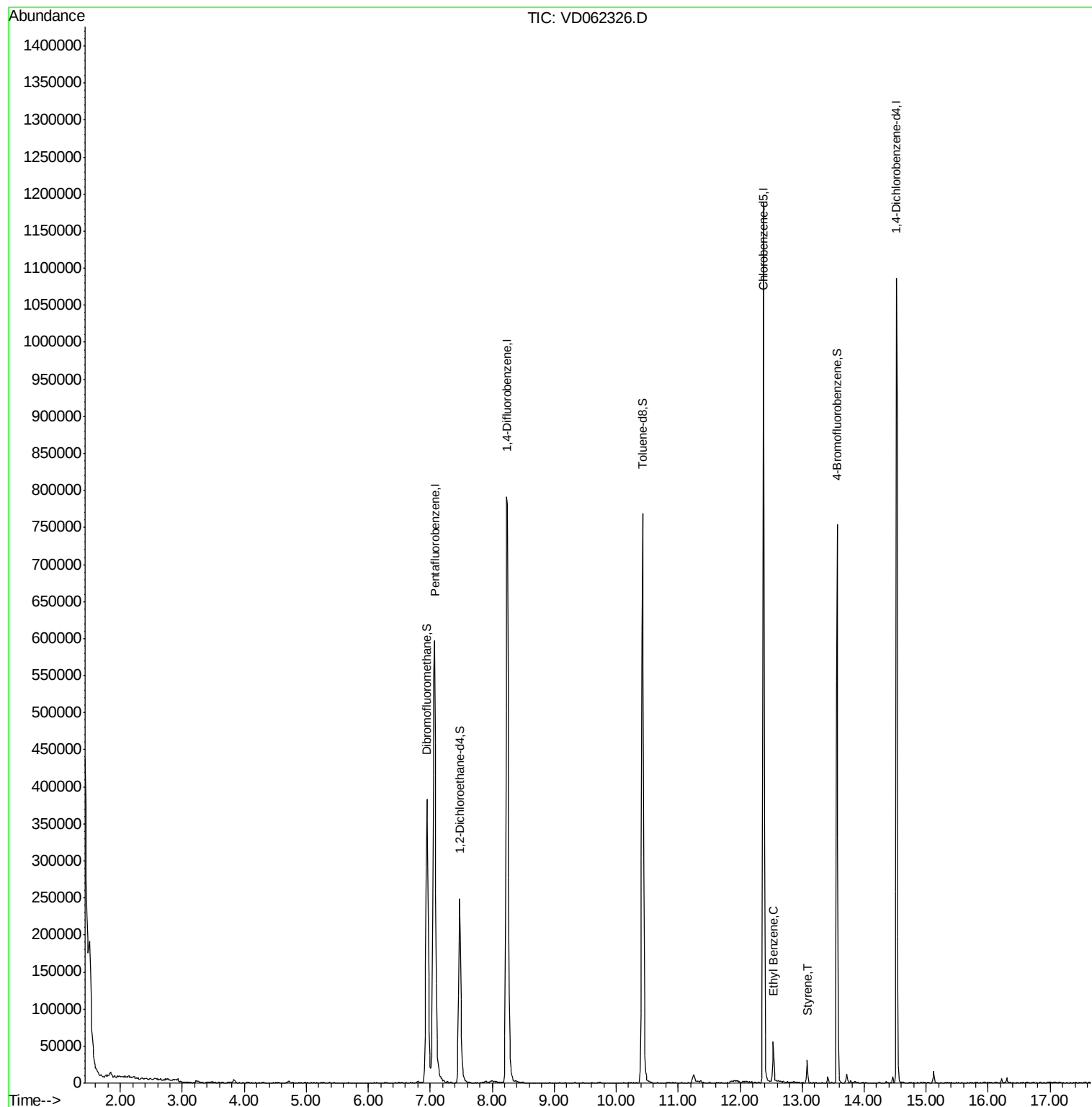
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	558706	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	848507	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	609354	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	241460	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	279125	53.76	ug/l	0.05
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	6.94	113	330258	46.91	ug/l	0.05
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	10.43	98	613152	36.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	13.57	95	219364	32.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.36%	
Target Compounds						
67) Ethyl Benzene	12.53	91	34638	1.823	ug/l	95
70) Styrene	13.08	104	12546	1.152	ug/l	96

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

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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: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

Instrument :

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ClientSampleId :

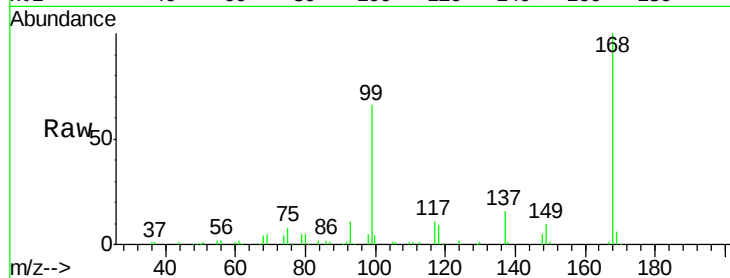
P026-SS015-1824-01

Tot Ion:168 Resp: 558706

Ion Ratio Lower Upper

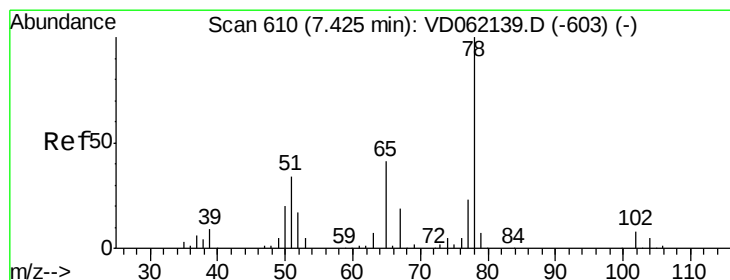
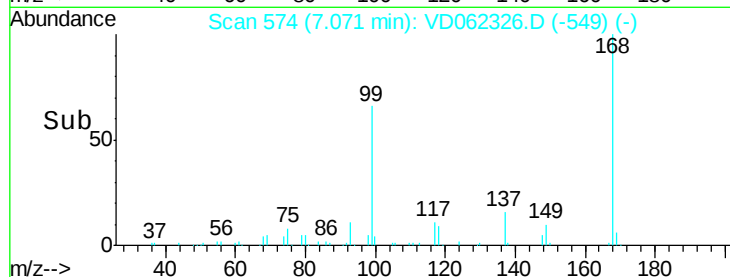
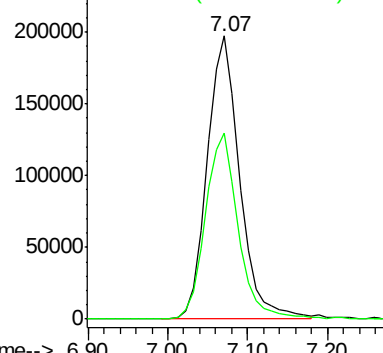
168 100

99 65.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.759 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062326.D

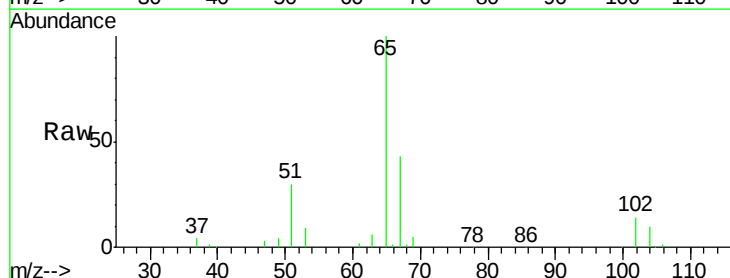
Acq: 14 May 2019 2:30

Tgt Ion: 65 Resp: 279125

Ion Ratio Lower Upper

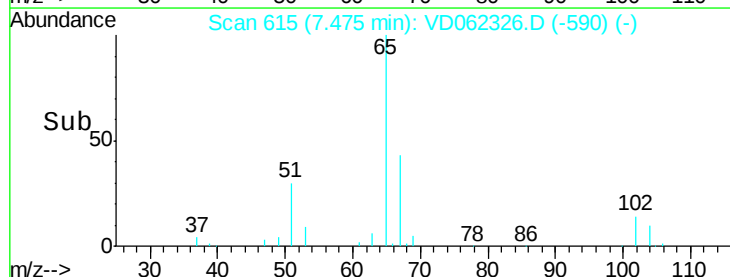
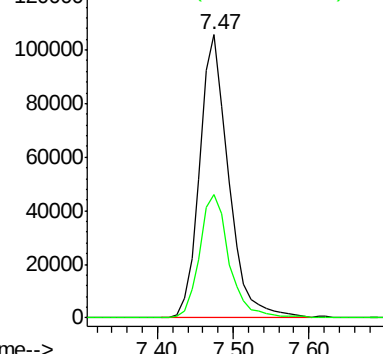
65 100

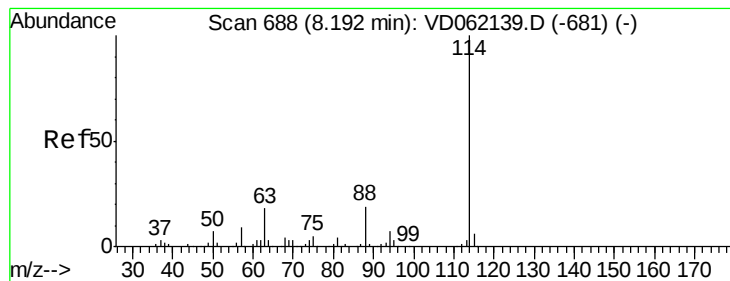
67 43.5 0.0 98.0



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: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-1824-01

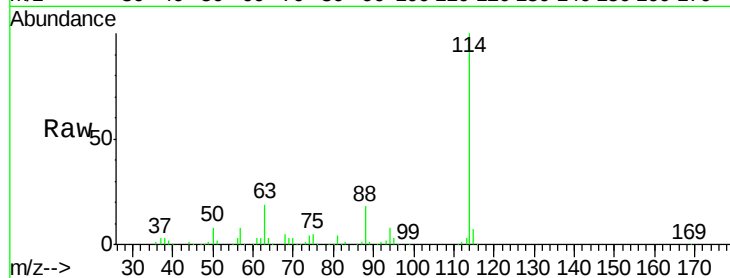
Tot Ion:114 Resp: 848507

Ion Ratio Lower Upper

114 100

63 19.2 0.0 32.4

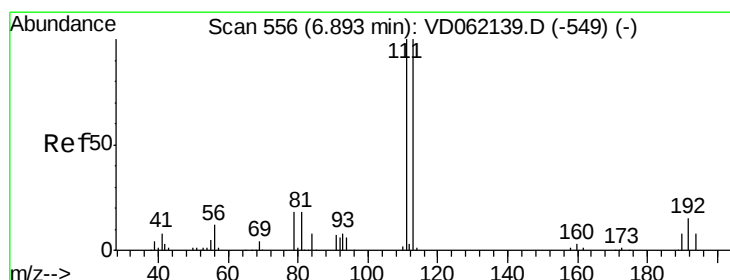
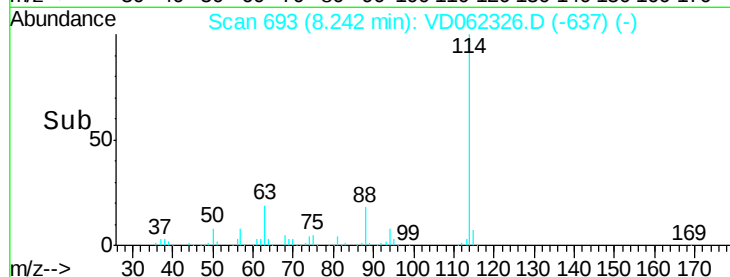
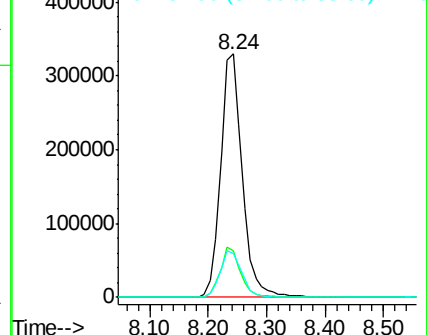
88 18.3 0.0 33.6



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: 46.911 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

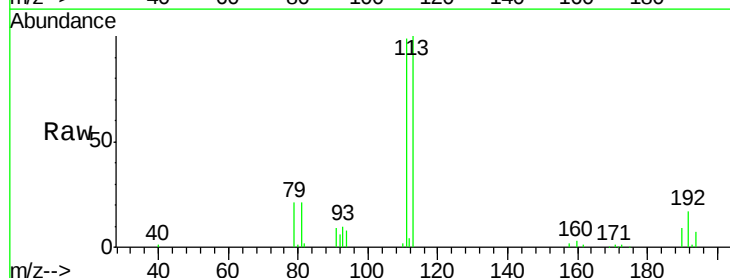
Tgt Ion:113 Resp: 330258

Ion Ratio Lower Upper

113 100

111 99.3 78.5 117.7

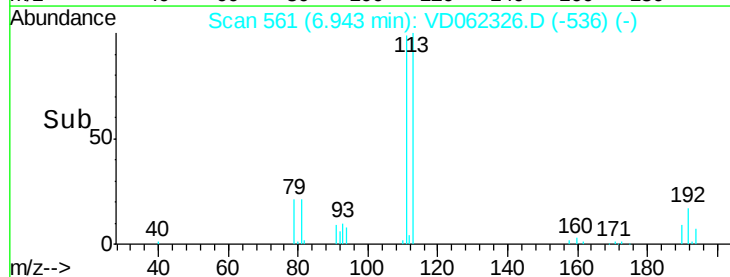
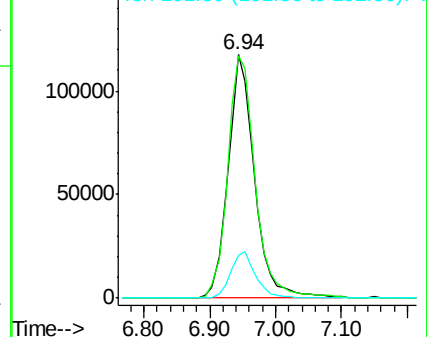
192 17.3 13.0 19.4

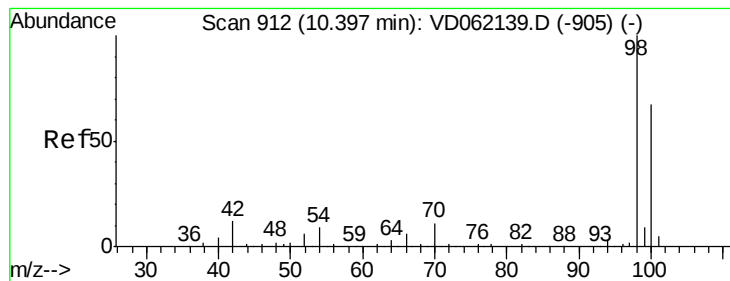


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 36.122 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

Instrument :

MSVOA_D

ClientSampleId :

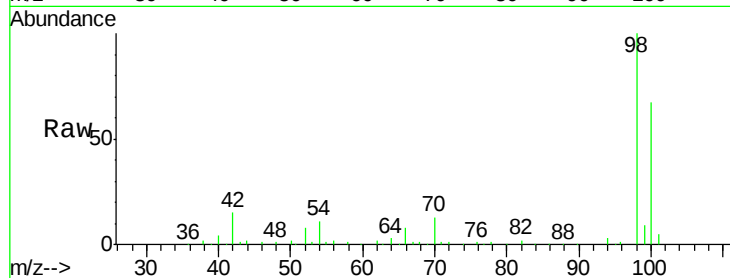
P026-SS015-1824-01

Tot Ion: 98 Resp: 613152

Ion Ratio Lower Upper

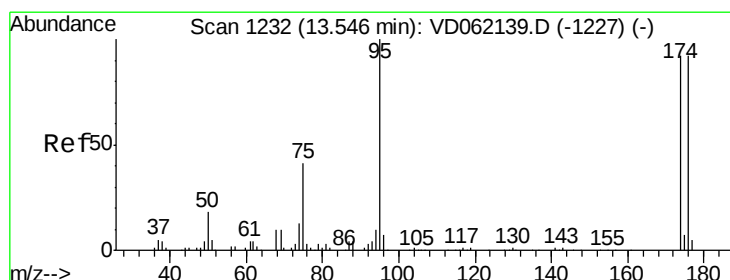
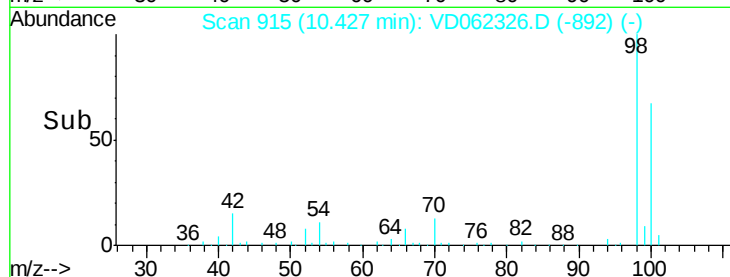
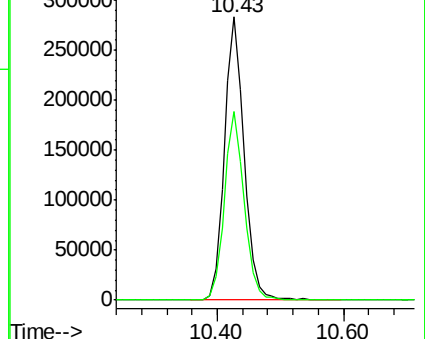
98 100

100 66.7 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: 32.182 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

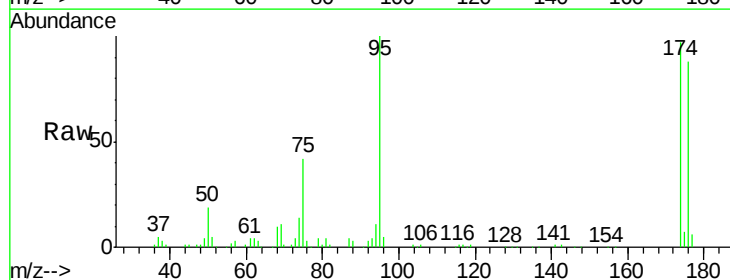
Tgt Ion: 95 Resp: 219364

Ion Ratio Lower Upper

95 100

174 96.6 0.0 181.8

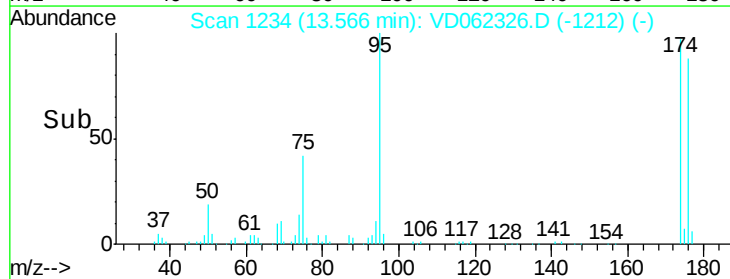
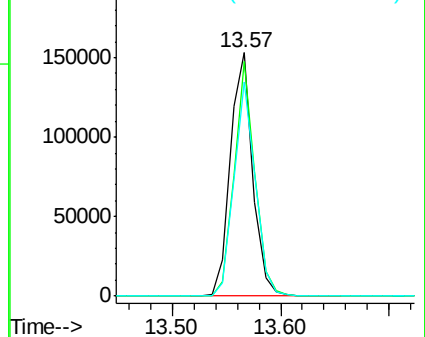
176 88.2 0.0 174.4

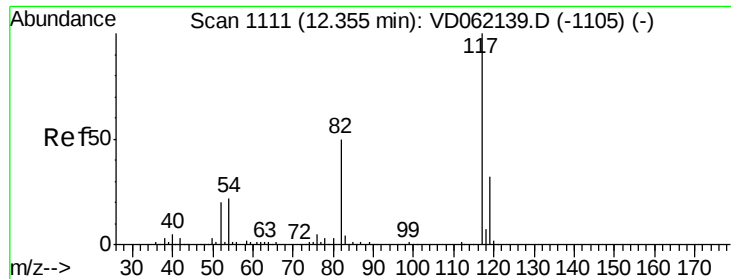


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-1824-01

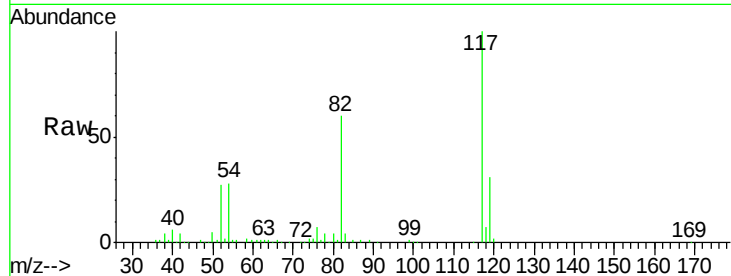
Tot Ion:117 Resp: 609354

Ion Ratio Lower Upper

117 100

82 59.7 36.2 54.2#

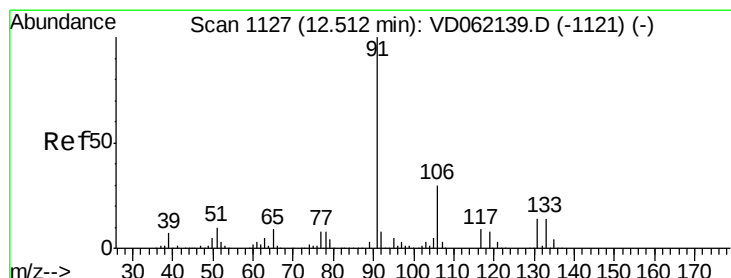
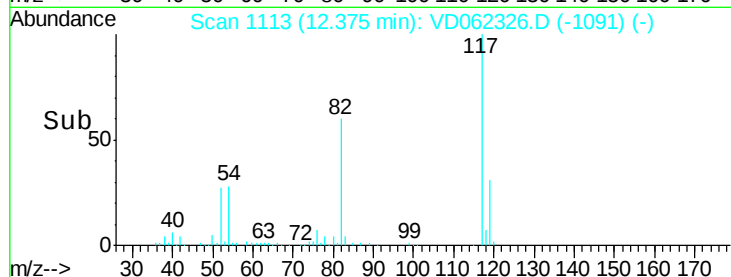
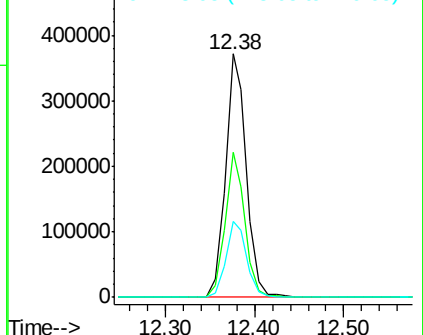
119 31.4 26.2 39.4



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



#67

Ethyl Benzene

Concen: 1.823 ug/l

RT: 12.53 min Scan# 1129

Delta R.T. 0.02 min

Lab File: VD062326.D

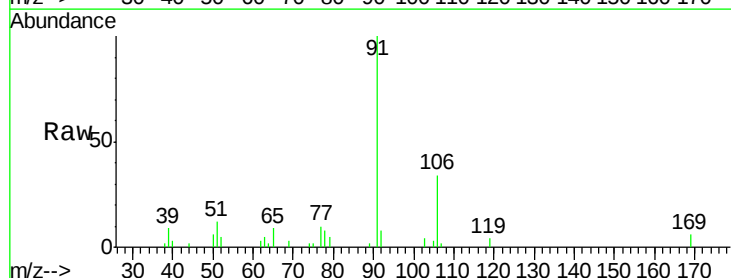
Acq: 14 May 2019 2:30

Tgt Ion: 91 Resp: 34638

Ion Ratio Lower Upper

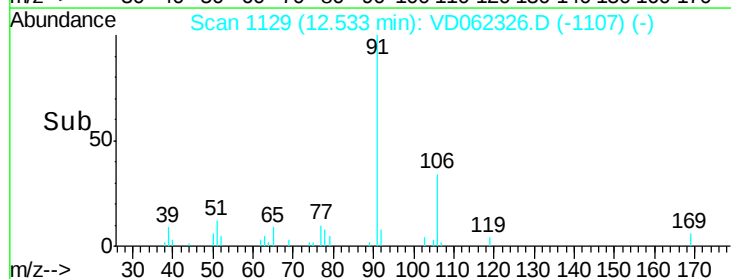
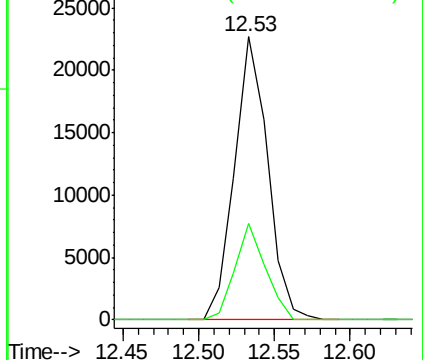
91 100

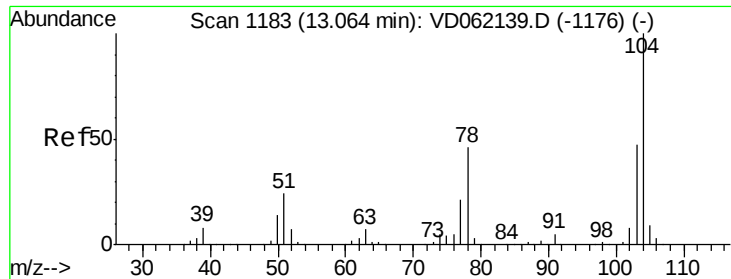
106 33.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V





#70

Stvrene

Concen: 1.152 ug/l

RT: 13.08 min Scan# 1185

Delta R.T. 0.02 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-1824-01

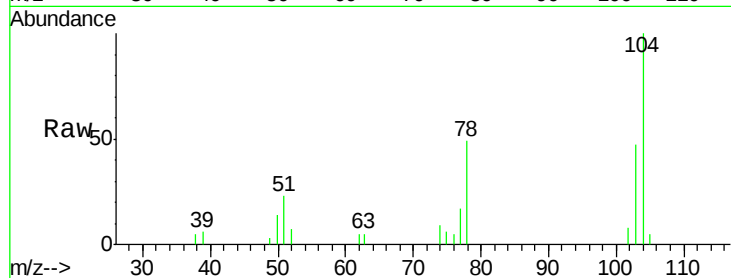
Tot Ion:104 Resp: 12546

Ion Ratio Lower Upper

104 100

78 48.6 35.4 53.2

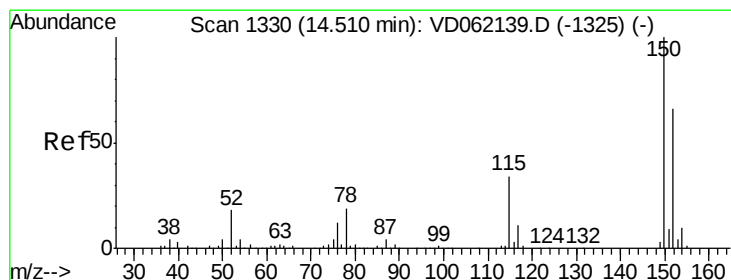
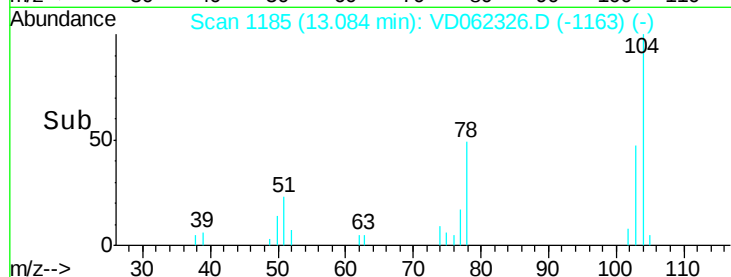
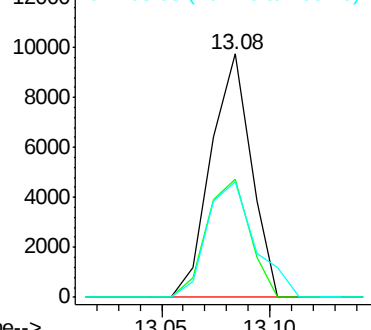
103 47.5 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062326.D

Acq: 14 May 2019 2:30

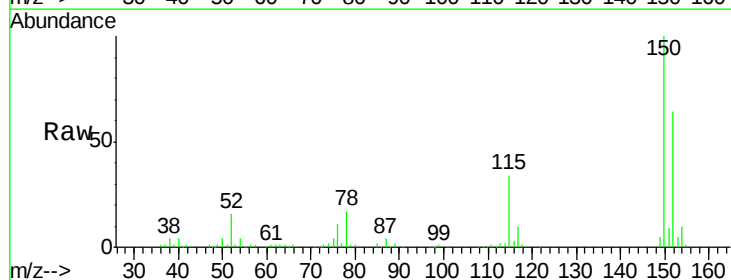
Tgt Ion:152 Resp: 241460

Ion Ratio Lower Upper

152 100

115 53.2 30.9 92.7

150 157.2 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

