

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009622.D
 Acq On : 31 Mar 2019 20:24
 Operator : SY/VA
 Sample : K1692-05
 Misc : 5.72G/5.0ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-032919

Quant Time: Apr 01 05:59:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

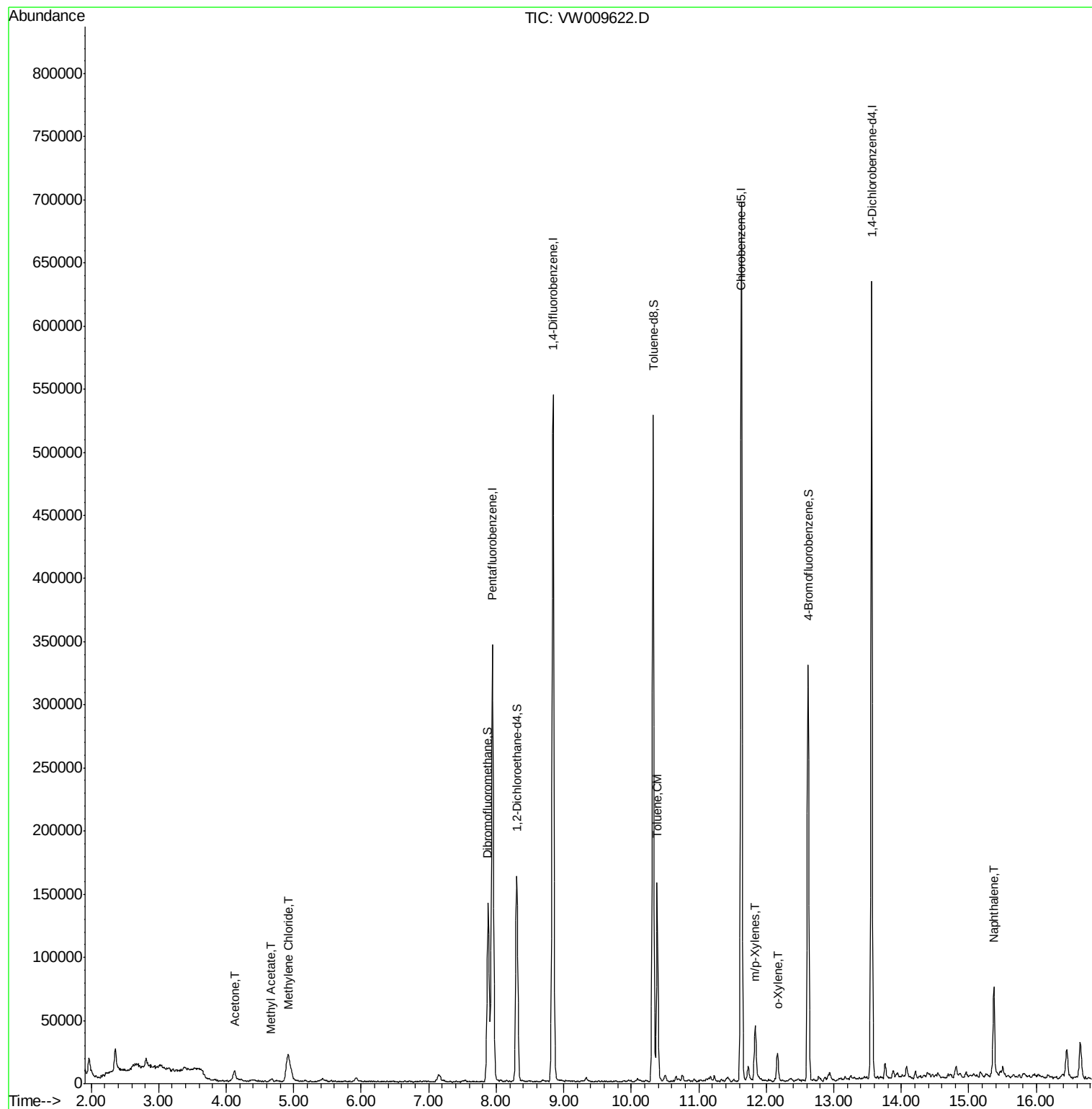
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	122108	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
35) Dibromofluoromethane	7.88	113	97264	37.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.84%	
50) Toluene-d8	10.32	98	316198	32.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.82%	
62) 4-Bromofluorobenzene	12.62	95	97704	27.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.52%	
Target Compounds						
16) Acetone	4.12	43	14000	22.746	ug/l	97
18) Methyl Acetate	4.67	43	4223	2.838	ug/l	94
20) Methylene Chloride	4.92	84	20616	5.051	ug/l #	85
52) Toluene	10.38	92	61159	8.423	ug/l	100
68) m/p-Xylenes	11.84	106	12097	2.345	ug/l	92
69) o-Xylene	12.17	106	4996	1.040	ug/l	84
95) Naphthalene	15.37	128	59331	12.597	ug/l	99

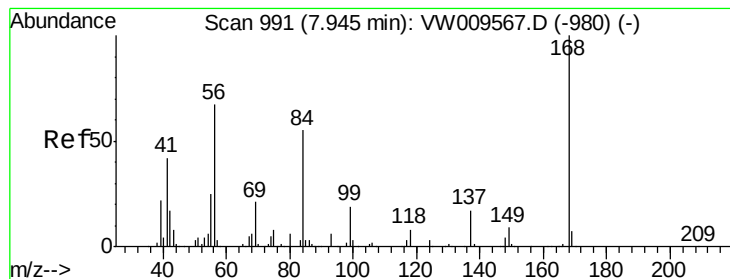
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009622.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

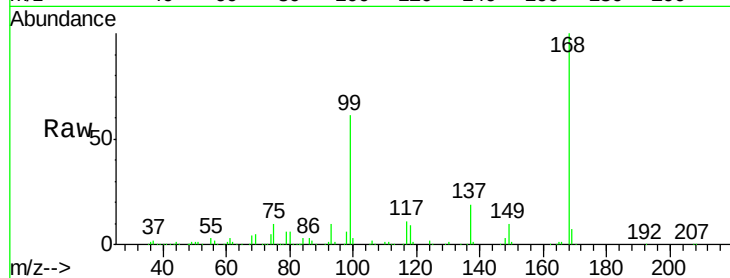
OK-03-032919

Tot Ion:168 Resp: 239392

Ion Ratio Lower Upper

168 100

99 61.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

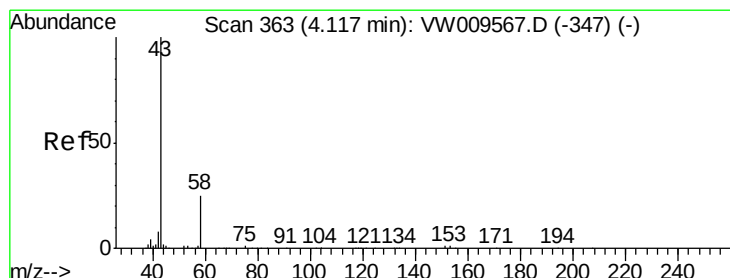
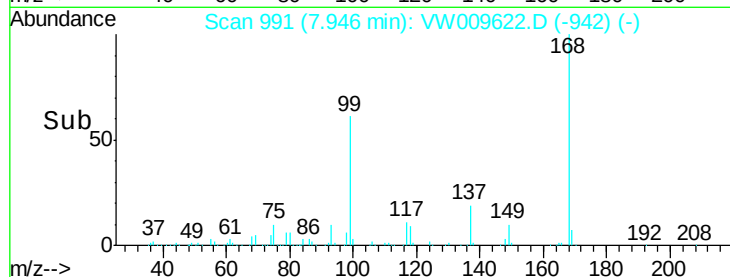
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 22.746 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009622.D

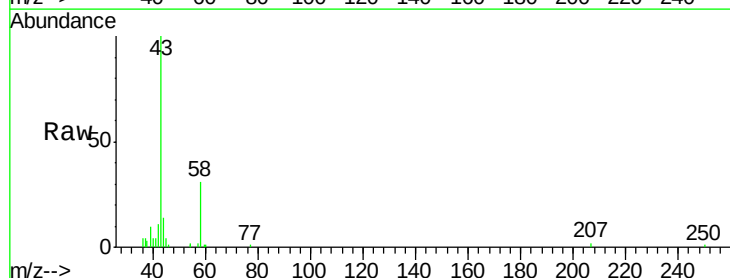
Acq: 31 Mar 2019 20:24

Tgt Ion: 43 Resp: 14000

Ion Ratio Lower Upper

43 100

58 31.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

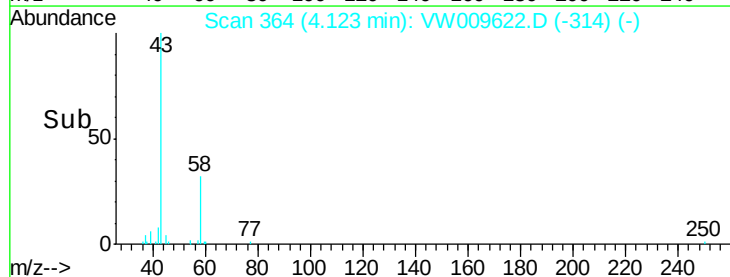
3000

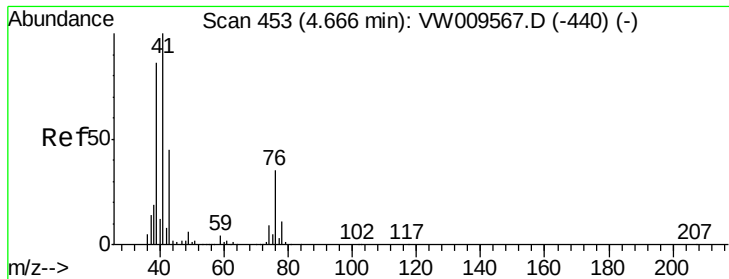
2000

1000

0

Time--> 4.00 4.10 4.20

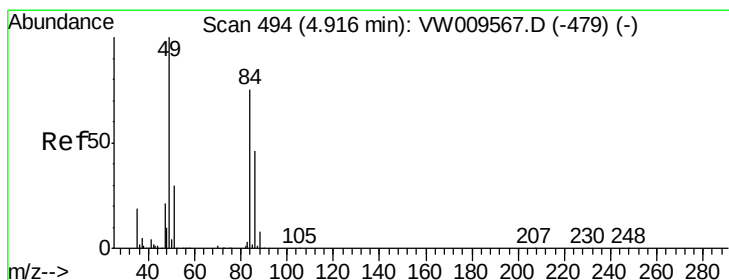
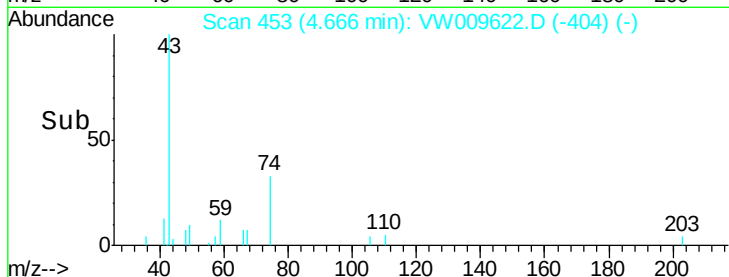
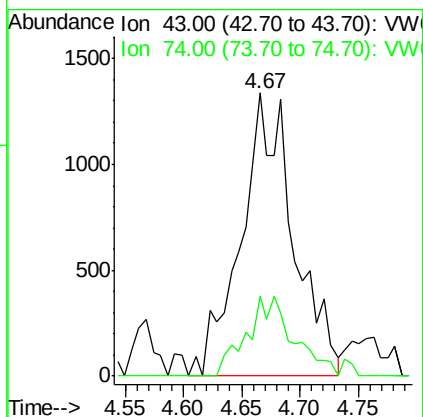
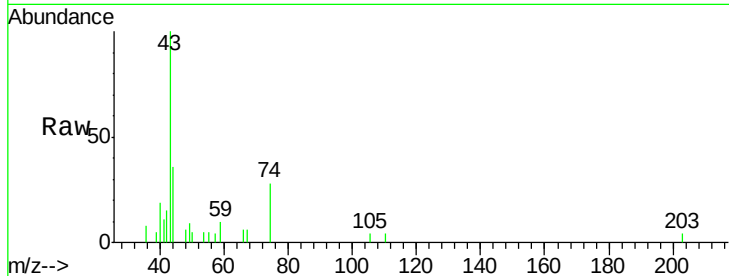




#18
Methyl Acetate
Concen: 2.838 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

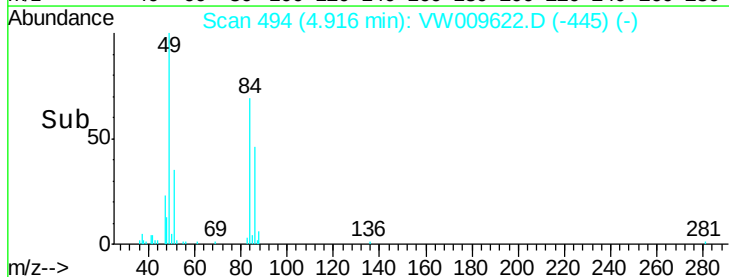
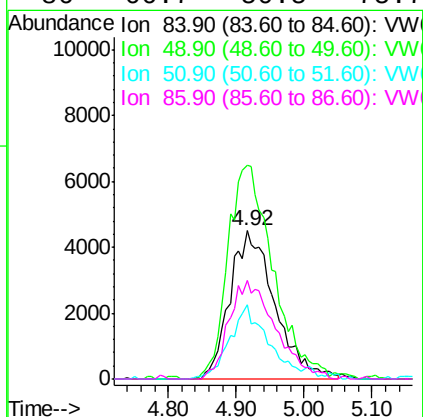
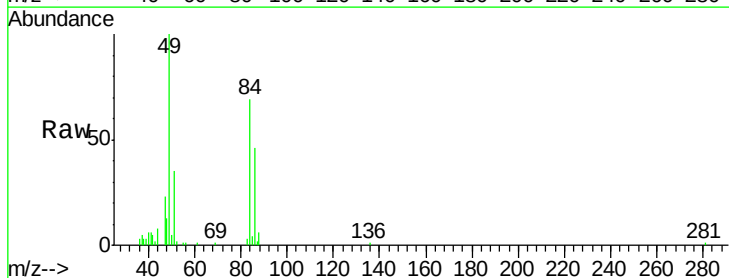
Instrument :
MSVOA_W
ClientSampleId :
OK-03-032919

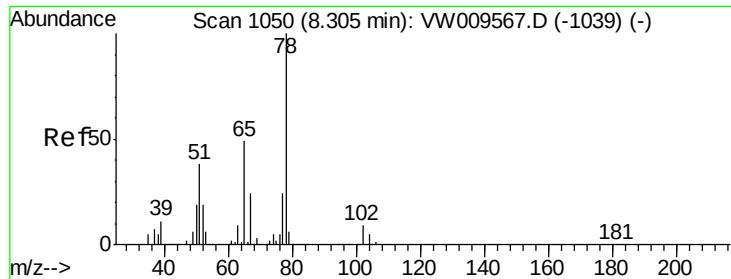
Tot Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
74 25.1 17.7 26.5



#20
Methylene Chloride
Concen: 5.051 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

Tgt Ion: 84 Resp: 20616
Ion Ratio Lower Upper
84 100
49 144.3 99.1 148.7
51 50.4 28.7 43.1#
86 66.7 50.5 75.7

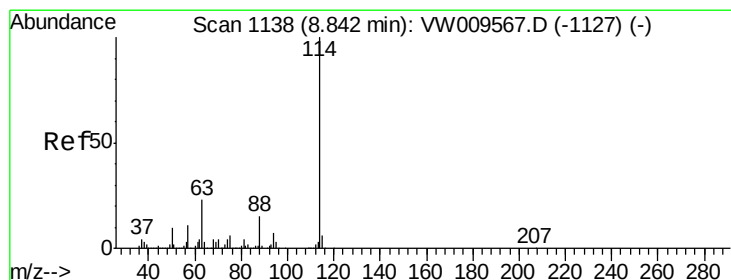
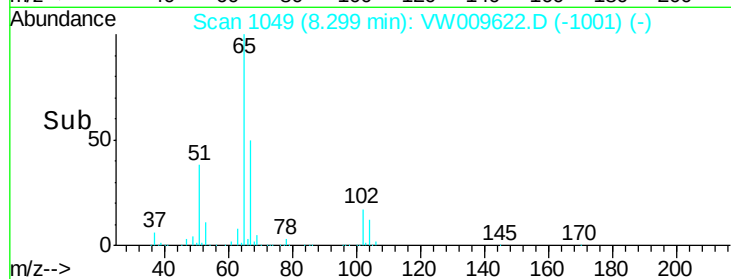
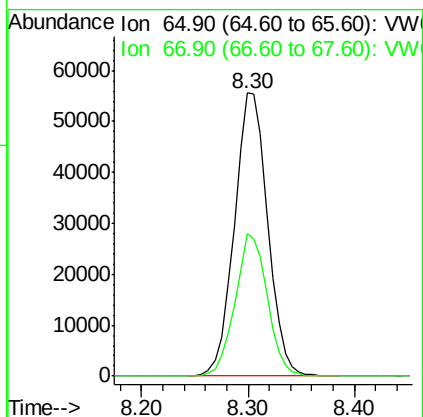
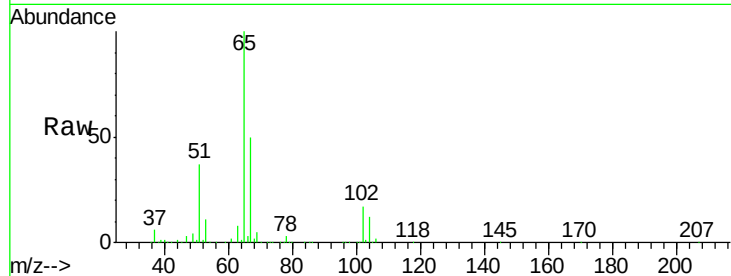




#33
 1,2-Dichloroethane-d4
 Concen: 44.605 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009622.D
 Acq: 31 Mar 2019 20:24

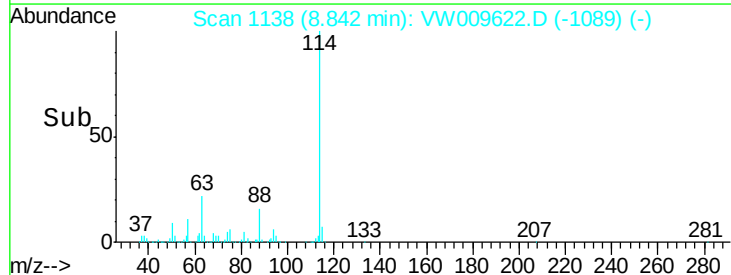
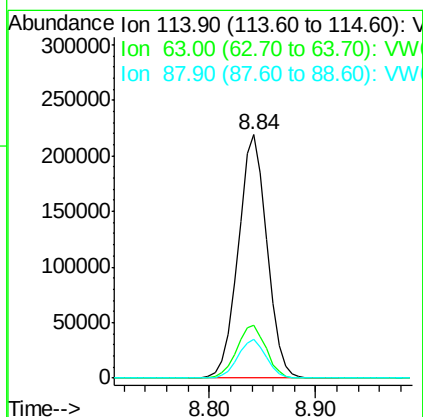
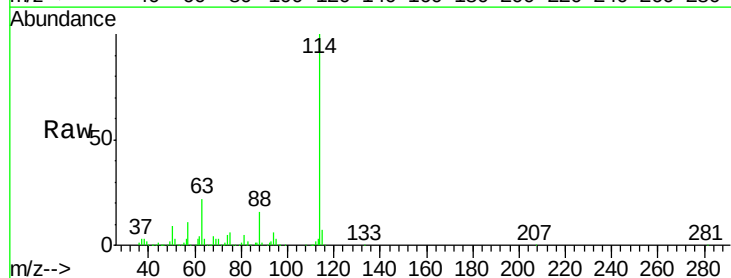
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-032919

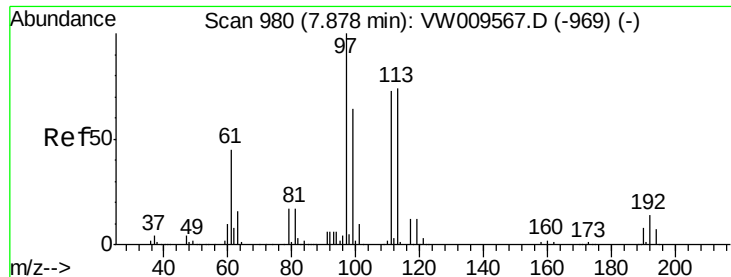
Tot Ion: 65 Resp: 122108
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009622.D
 Acq: 31 Mar 2019 20:24

Tgt Ion: 114 Resp: 413842
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 37.420 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW009622.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

OK-03-032919

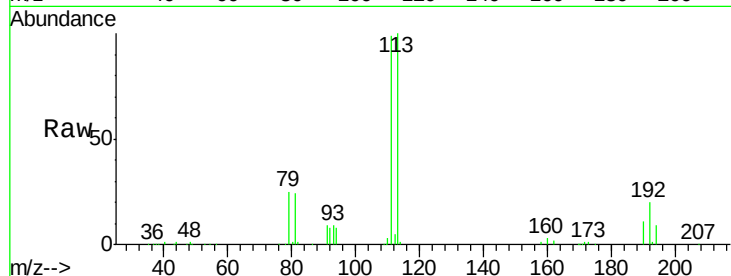
Tot Ion:113 Resp: 97264

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

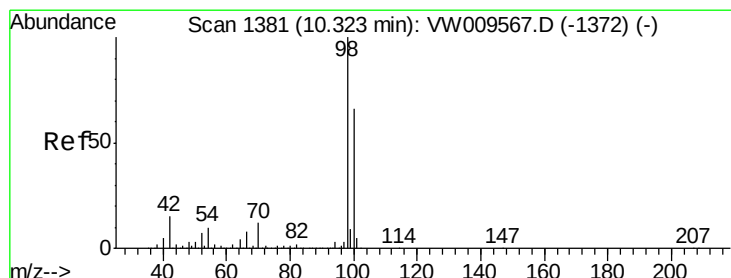
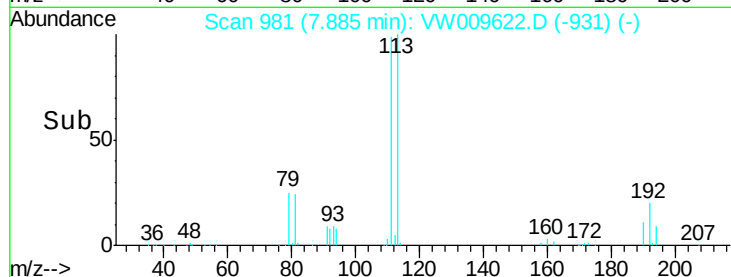
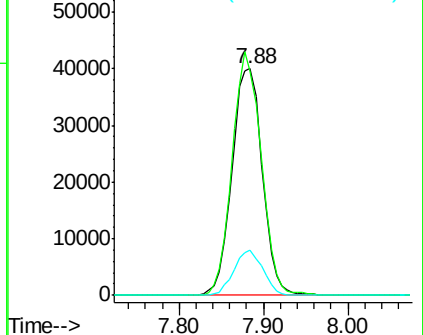
192 19.2 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 32.913 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009622.D

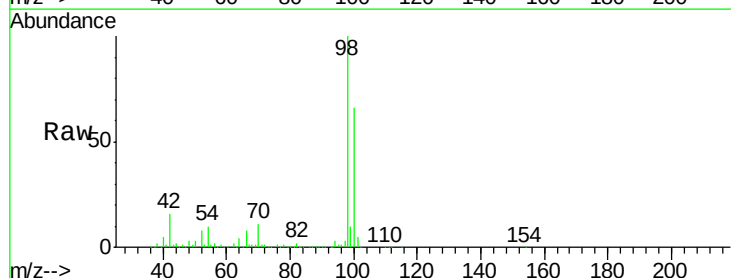
Acq: 31 Mar 2019 20:24

Tgt Ion: 98 Resp: 316198

Ion Ratio Lower Upper

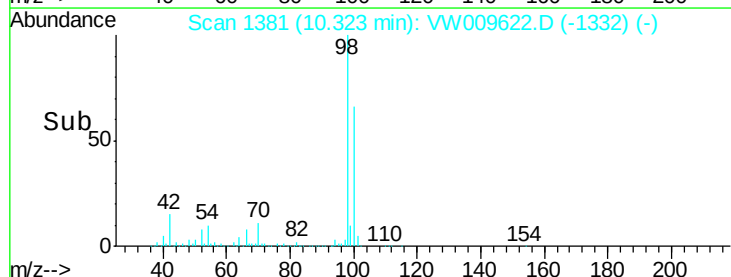
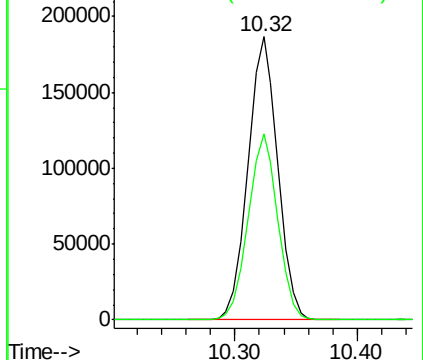
98 100

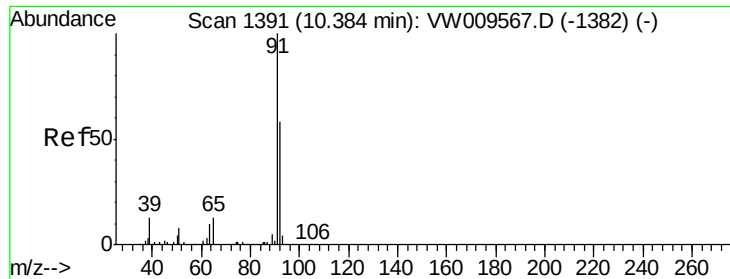
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.423 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009622.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

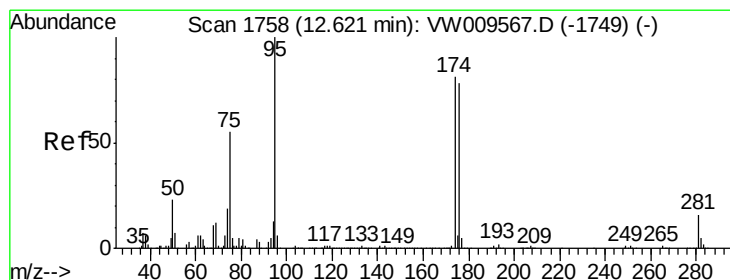
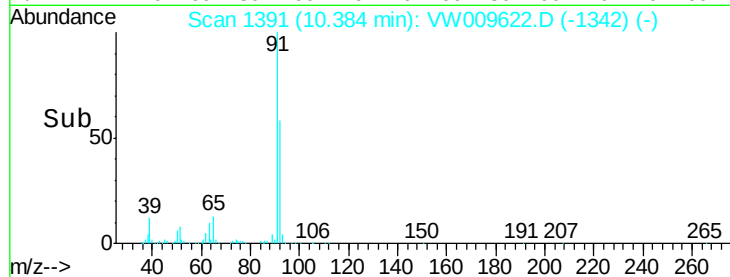
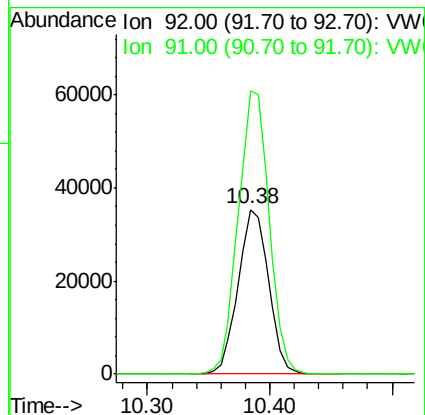
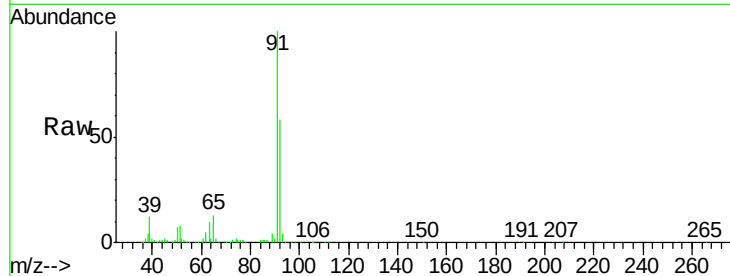
OK-03-032919

Tot Ion: 92 Resp: 61159

Ion Ratio Lower Upper

92 100

91 174.8 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 27.261 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009622.D

Acq: 31 Mar 2019 20:24

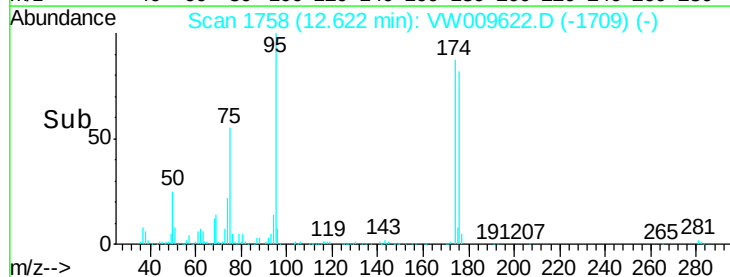
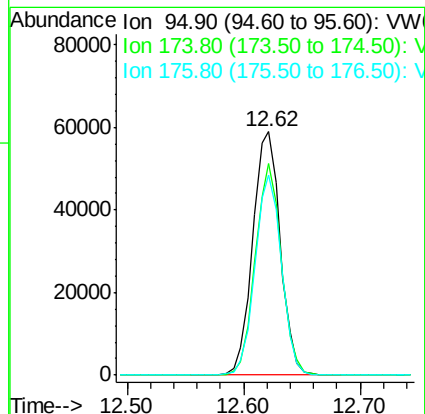
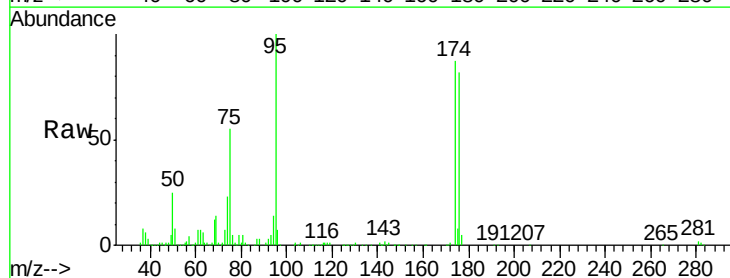
Tgt Ion: 95 Resp: 97704

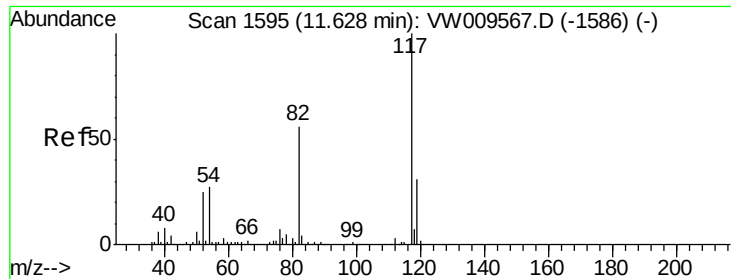
Ion Ratio Lower Upper

95 100

174 81.8 0.0 168.4

176 78.9 0.0 161.6

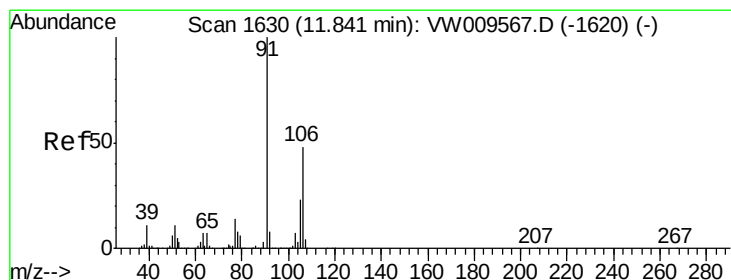
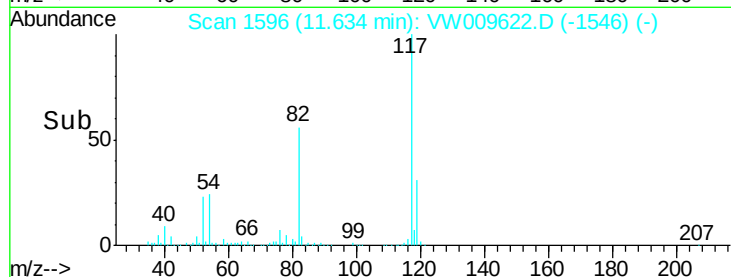
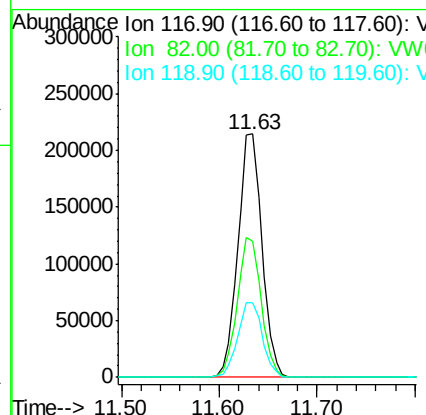
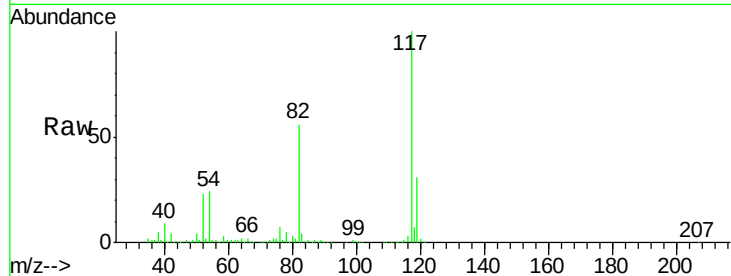




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

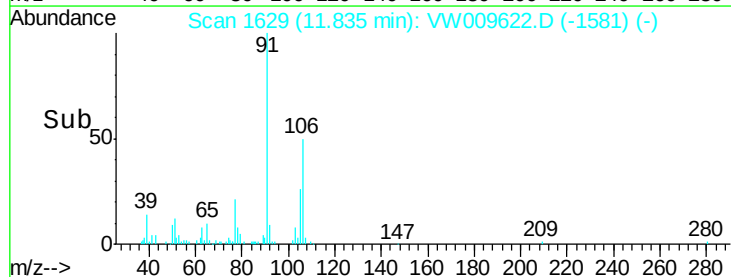
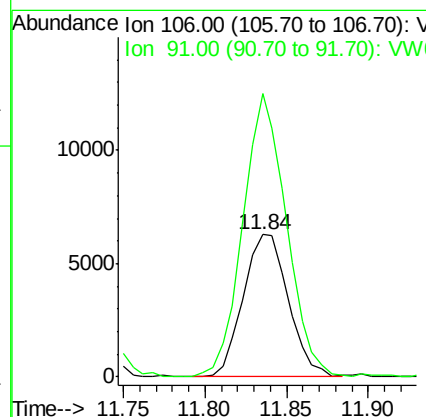
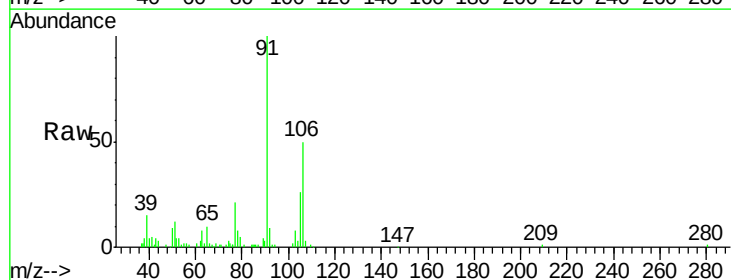
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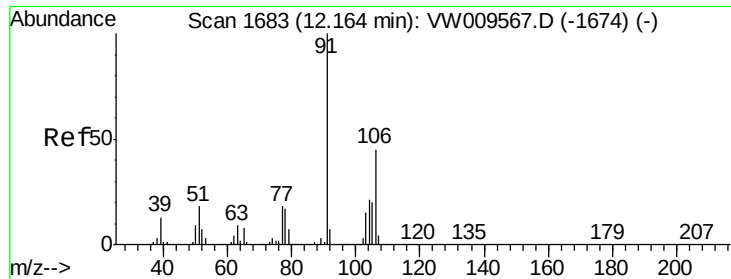
Tot Ion:117 Resp: 366172
Ion Ratio Lower Upper
117 100
82 56.1 43.6 65.4
119 30.9 26.0 39.0



#68
m/p-Xylenes
Concen: 2.345 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

Tgt Ion:106 Resp: 12097
Ion Ratio Lower Upper
106 100
91 191.7 163.1 244.7

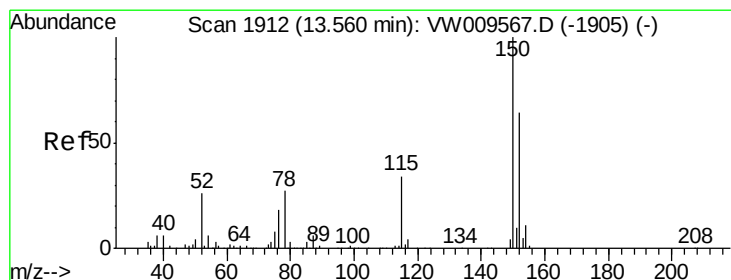
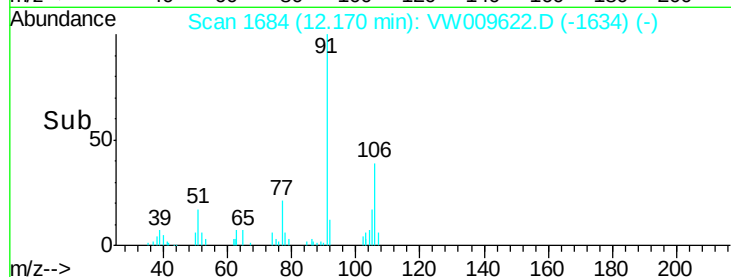
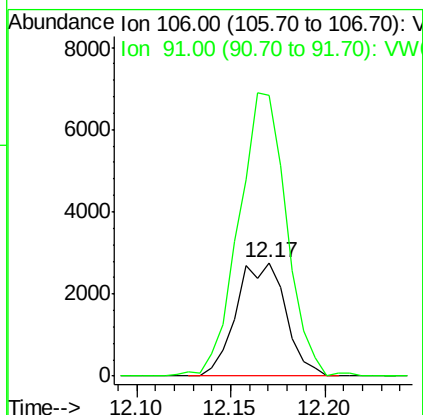
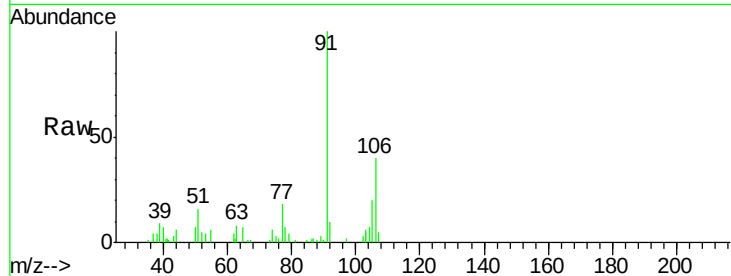




#69
o-Xylene
Concen: 1.040 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

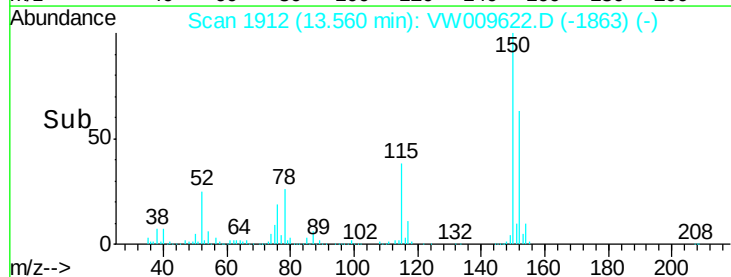
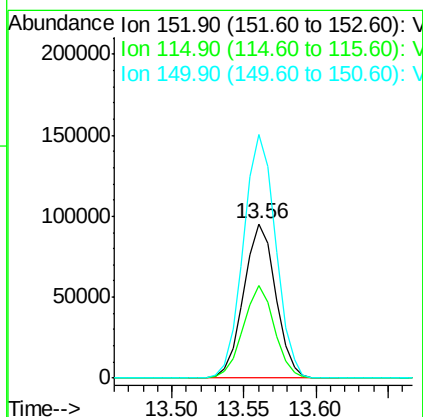
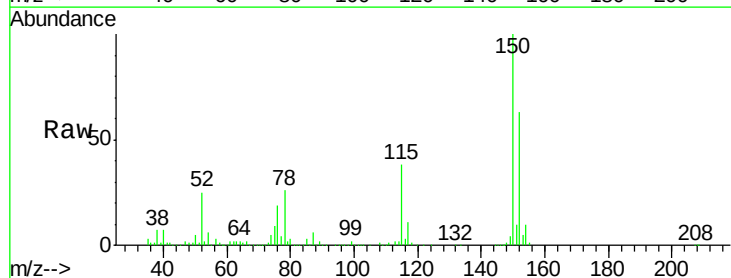
Instrument :
MSVOA_W
ClientSampled :
OK-03-032919

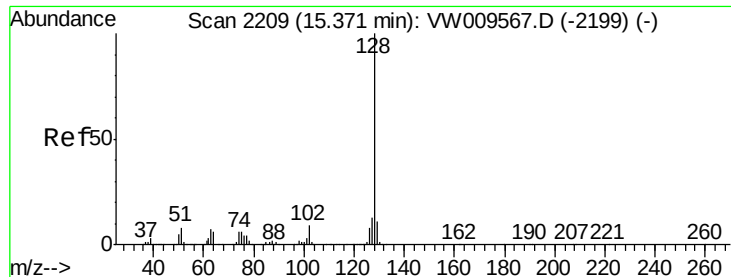
Tot Ion:106 Resp: 4996
Ion Ratio Lower Upper
106 100
91 243.1 108.6 325.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009622.D
Acq: 31 Mar 2019 20:24

Tgt Ion:152 Resp: 146688
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 159.1 0.0 349.2





#95

Naphthalene

Concen: 12.597 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009622.D

Acq: 31 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

OK-03-032919

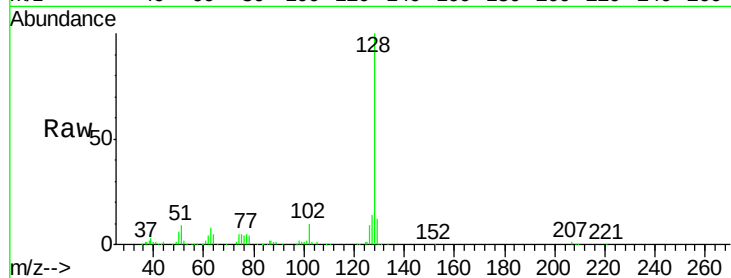
Tot Ion:128 Resp: 59331

Ion Ratio Lower Upper

128 100

127 14.2 10.8 16.2

129 11.2 8.7 13.1



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

