

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005432.D
 Acq On : 17 Sep 2018 14:38
 Operator : SY/AP
 Sample : J4773-05
 Misc : 7.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-091418-C

Quant Time: Sep 18 01:42:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	232514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	351630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	145594	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	118021	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
35) Dibromofluoromethane	7.89	113	90104	42.82	ug/l	0.00
Spiked Amount			Recovery	=	85.64%	
50) Toluene-d8	10.33	98	384472	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	12.63	95	133124	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	

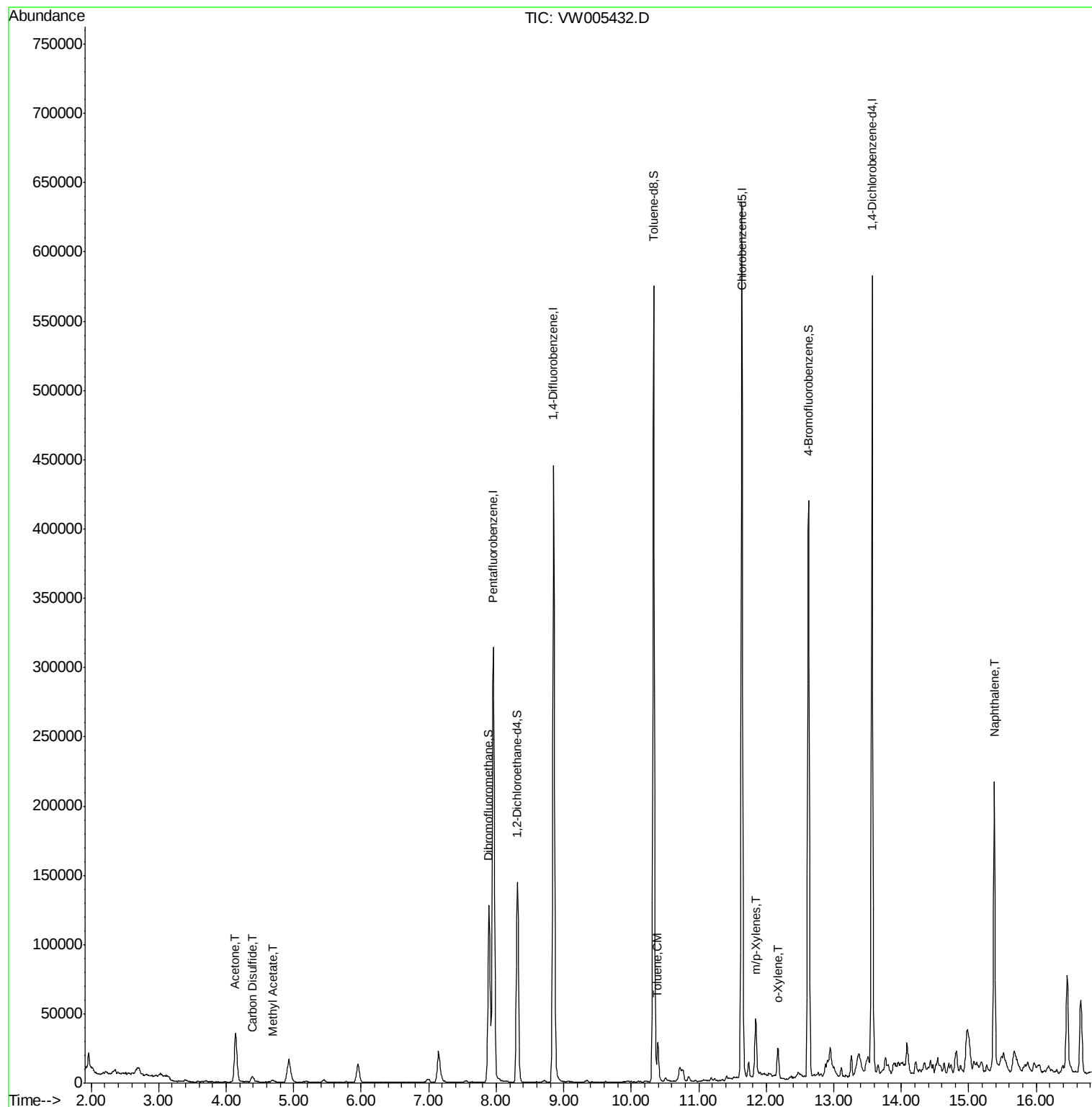
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	64021	179.37	ug/l	98
17) Carbon Disulfide	4.39	76	7691	1.21	ug/l	100
18) Methyl Acetate	4.69	43	2614	2.25	ug/l	98
52) Toluene	10.40	92	11041	1.58	ug/l	99
68) m/p-Xylenes	11.84	106	11983	2.37	ug/l	94
69) o-Xylene	12.18	106	5800	1.23	ug/l	95
95) Naphthalene	15.38	128	175261	36.83	ug/l	99

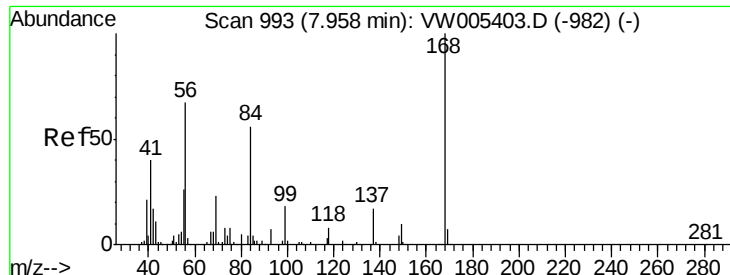
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

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ClientSampleId :

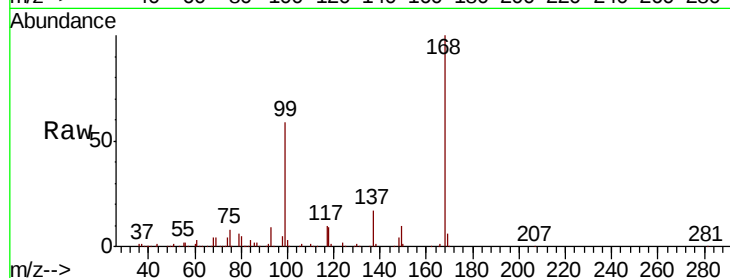
CL-01-091418-C

Tot Ion:168 Resp: 232514

Ion Ratio Lower Upper

168 100

99 58.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

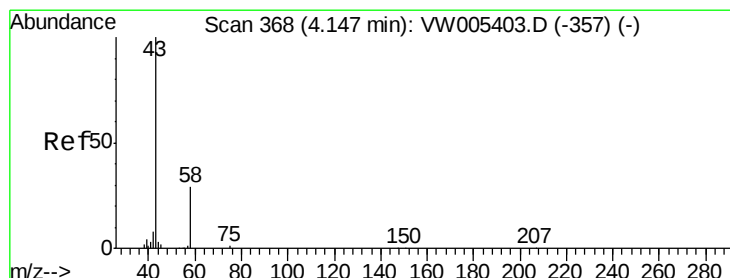
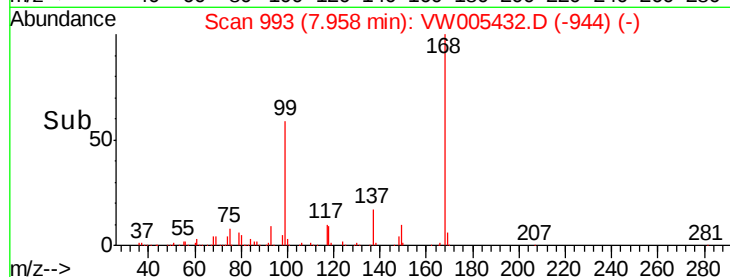
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 179.37 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005432.D

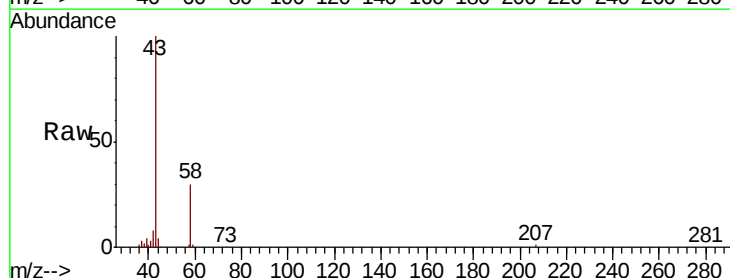
Acq: 17 Sep 2018 14:38

Tgt Ion: 43 Resp: 64021

Ion Ratio Lower Upper

43 100

58 29.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

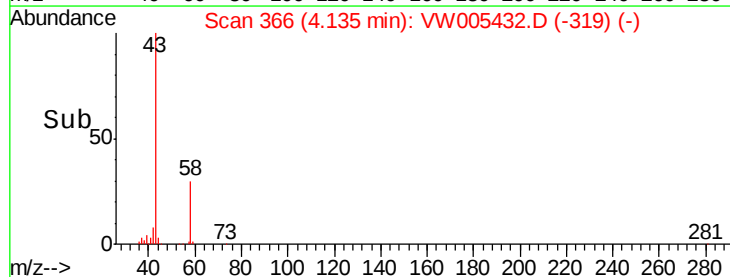
15000

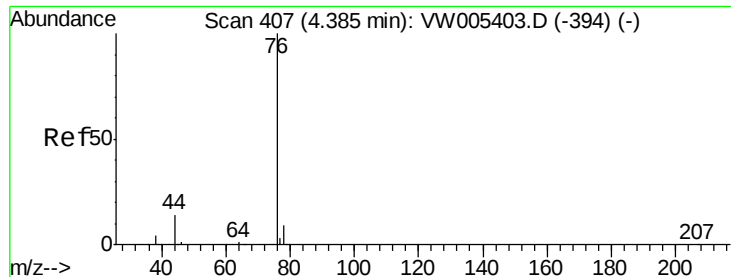
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.21 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

Instrument :

MSVOA_W

ClientSampleId :

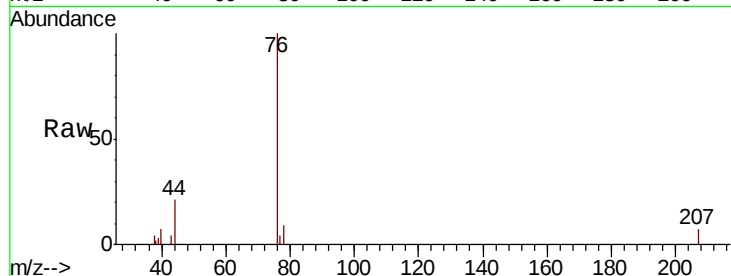
CL-01-091418-C

Tot Ion: 76 Resp: 7691

Ion Ratio Lower Upper

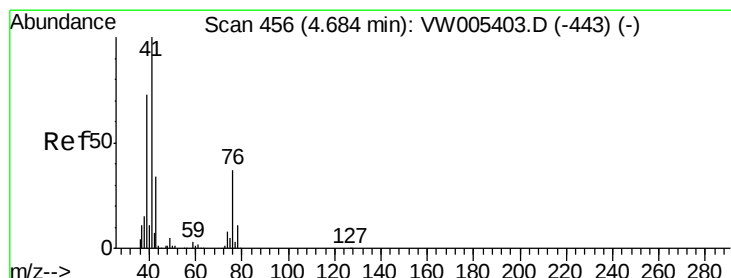
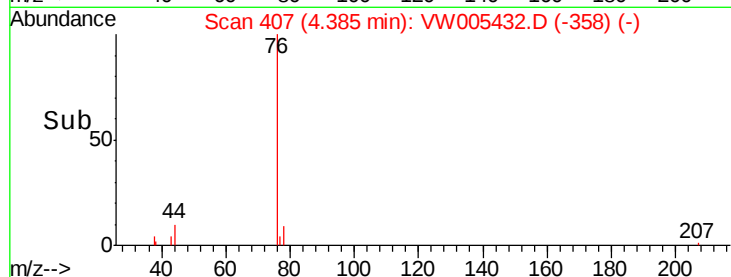
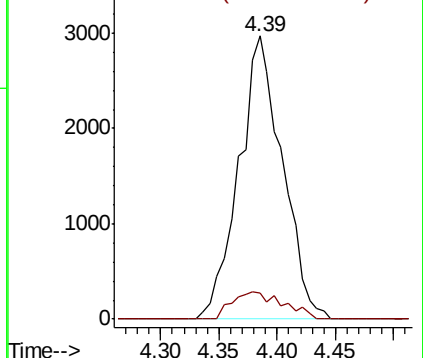
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 2.25 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005432.D

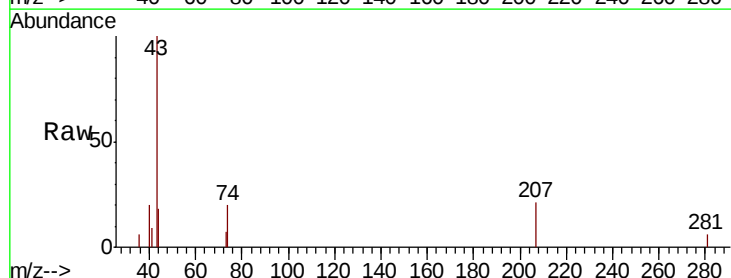
Acq: 17 Sep 2018 14:38

Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

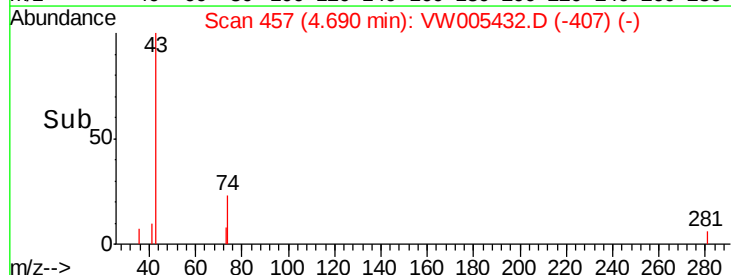
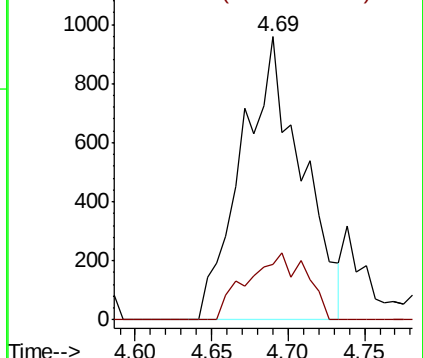
43 100

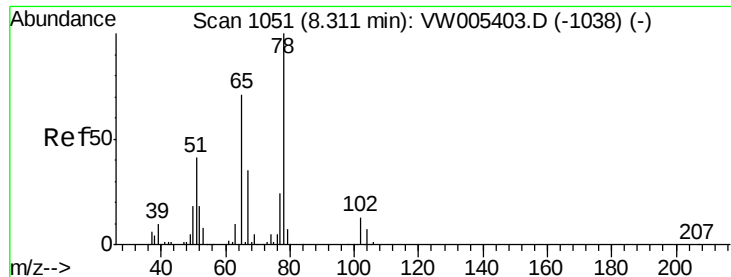
74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

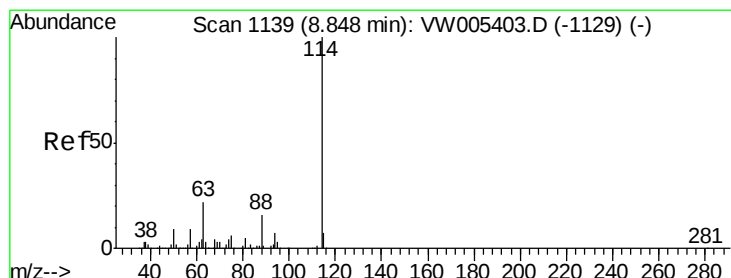
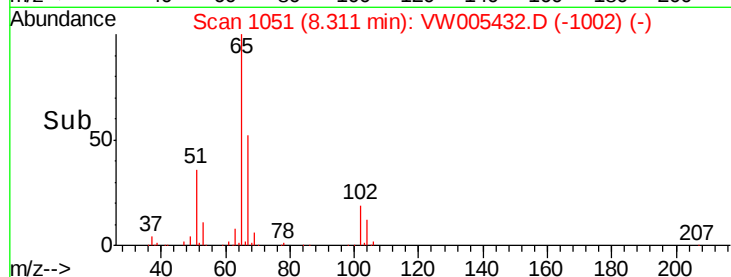
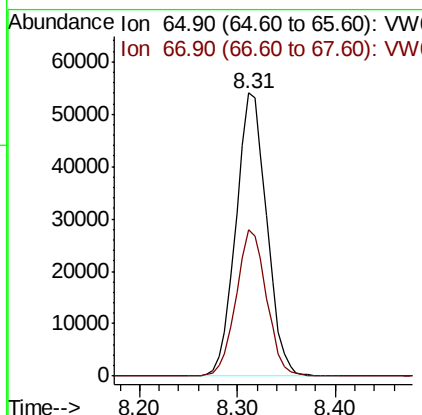
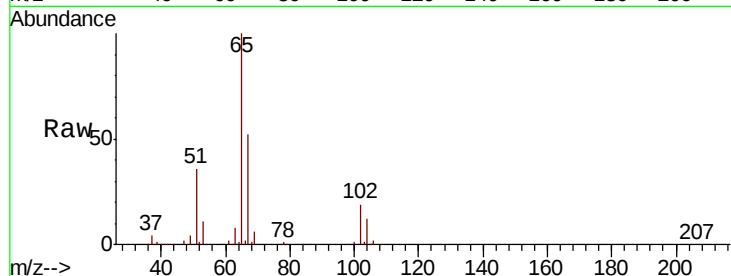




#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005432.D
 Acq: 17 Sep 2018 14:38

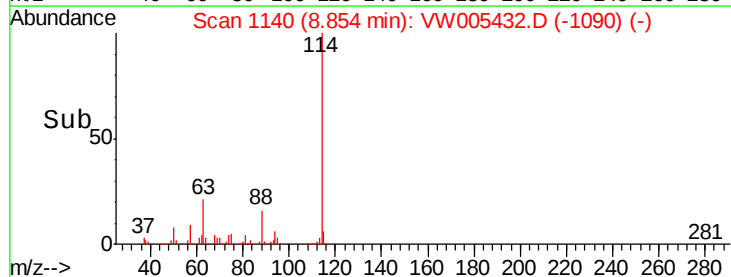
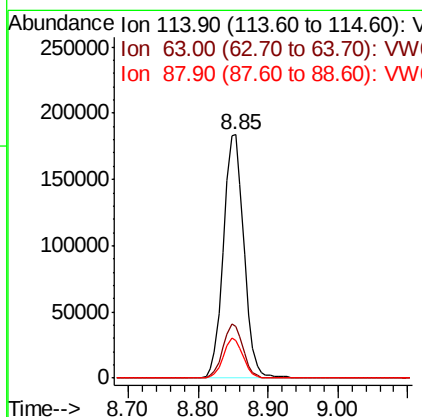
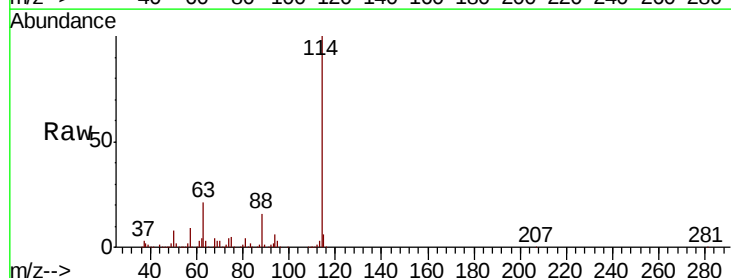
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-091418-C

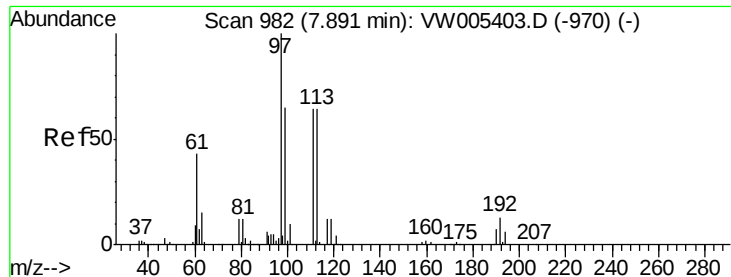
Tot Ion: 65 Resp: 118021
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005432.D
 Acq: 17 Sep 2018 14:38

Tgt Ion: 114 Resp: 375269
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.82 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-C

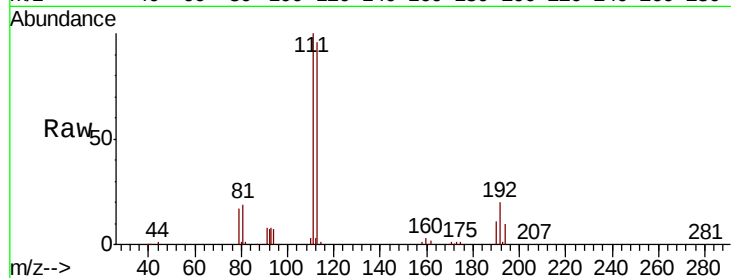
Tot Ion:113 Resp: 90104

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

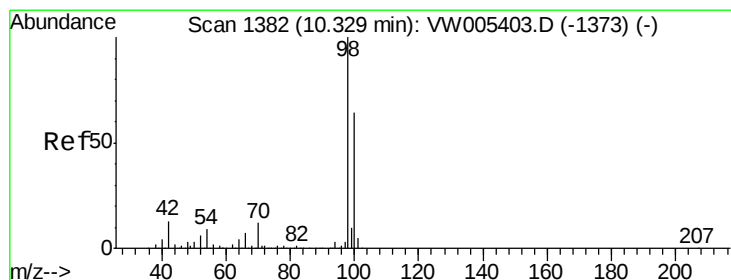
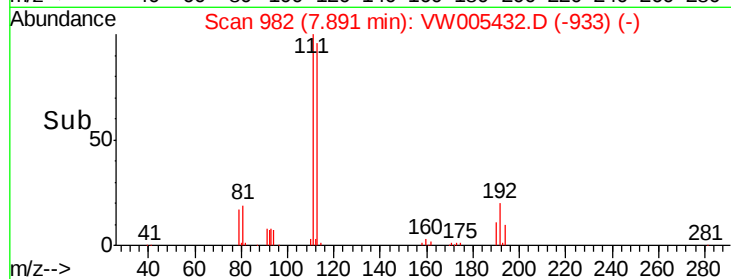
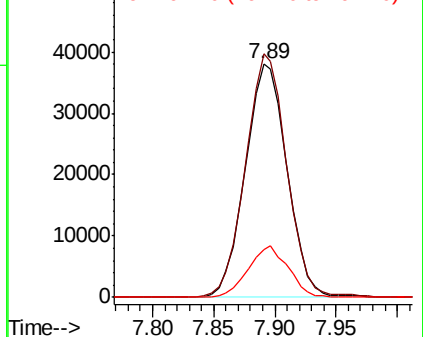
192 21.2 16.5 24.7



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: 39.90 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005432.D

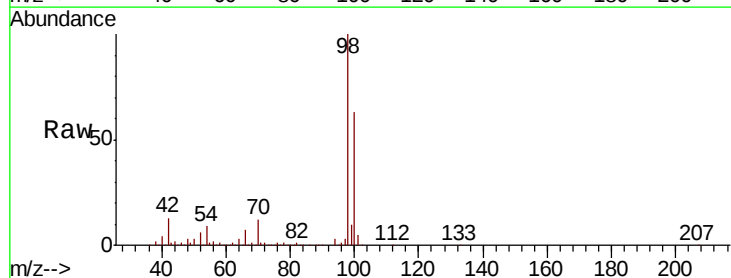
Acq: 17 Sep 2018 14:38

Tgt Ion: 98 Resp: 384472

Ion Ratio Lower Upper

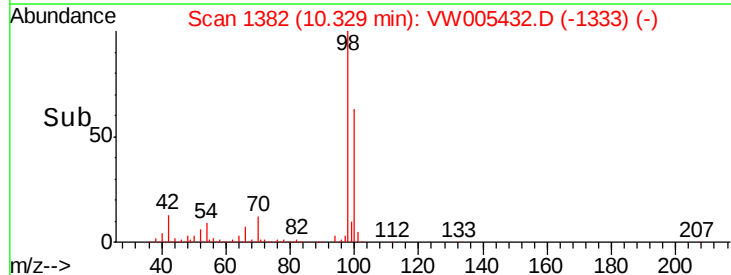
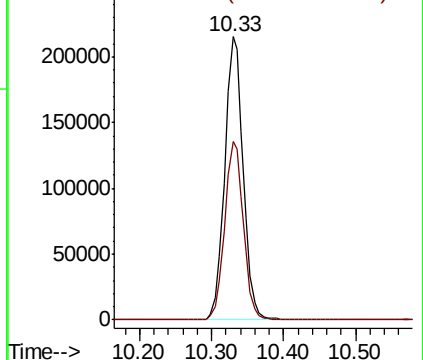
98 100

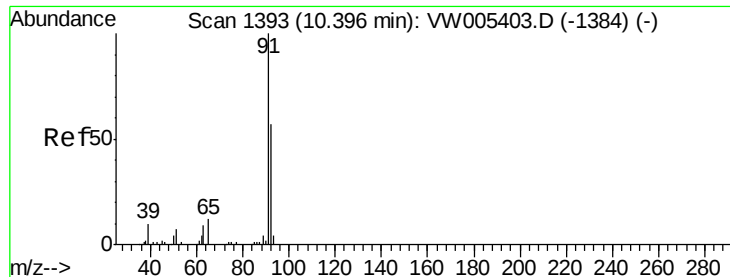
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.58 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

Instrument :

MSVOA_W

ClientSampleId :

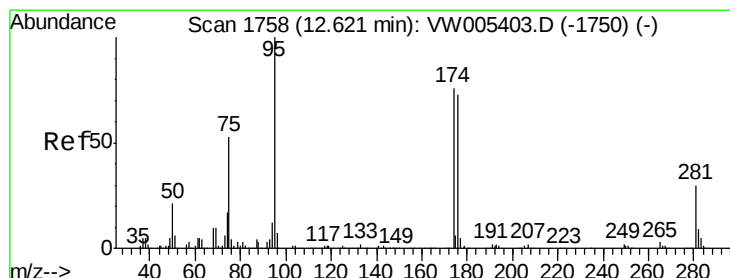
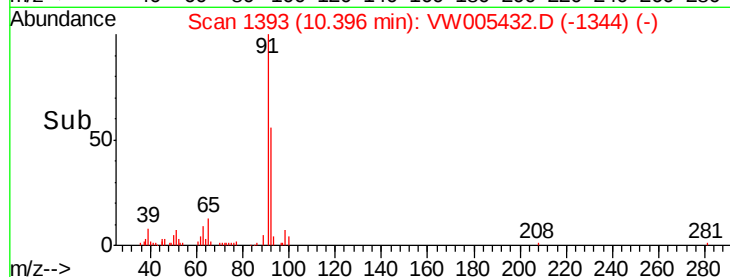
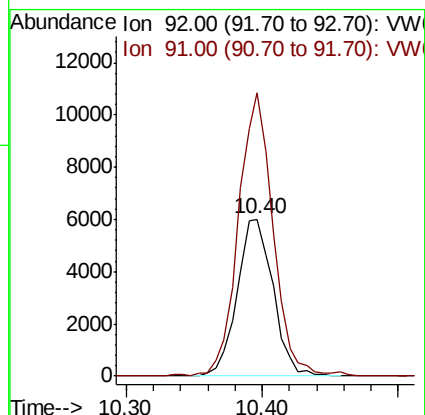
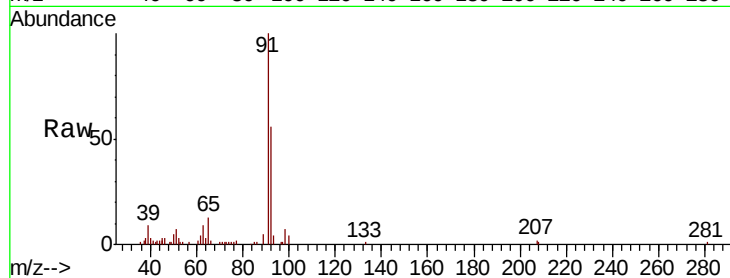
CL-01-091418-C

Tot Ion: 92 Resp: 11041

Ion Ratio Lower Upper

92 100

91 174.8 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 37.68 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

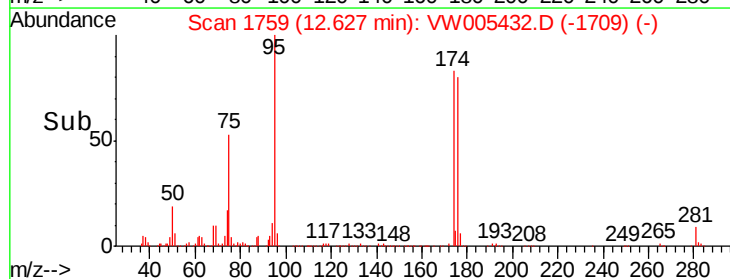
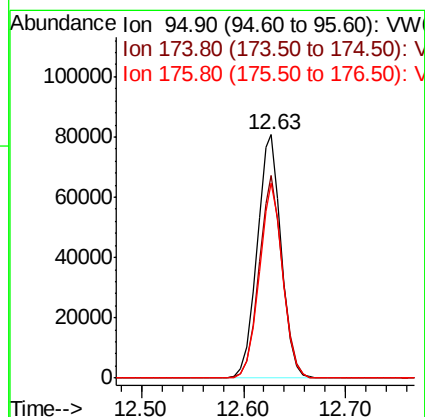
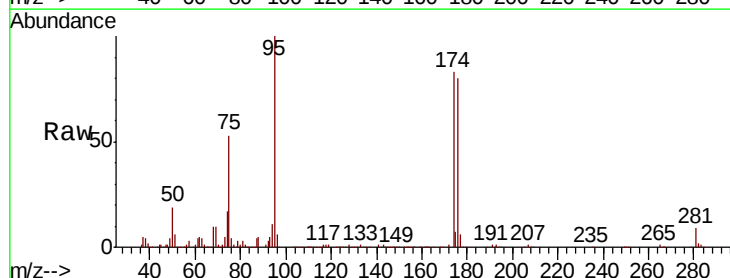
Tgt Ion: 95 Resp: 133124

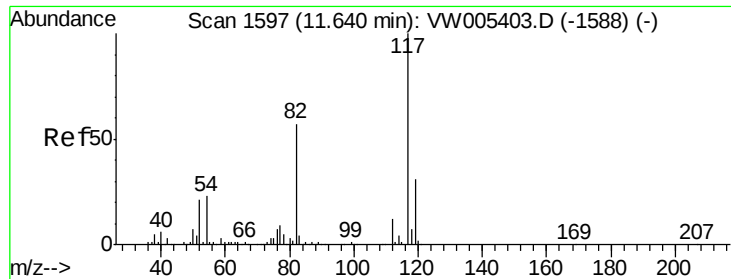
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.2

176 77.6 0.0 156.6

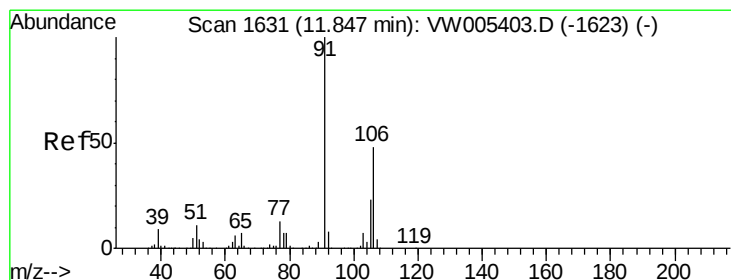
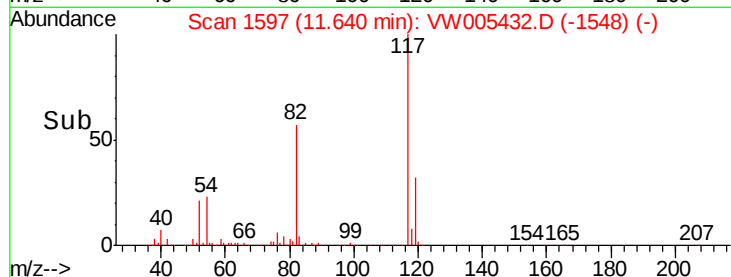
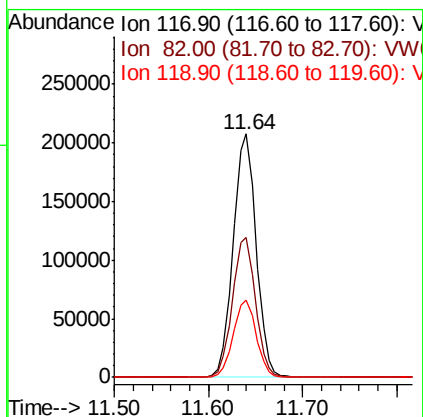
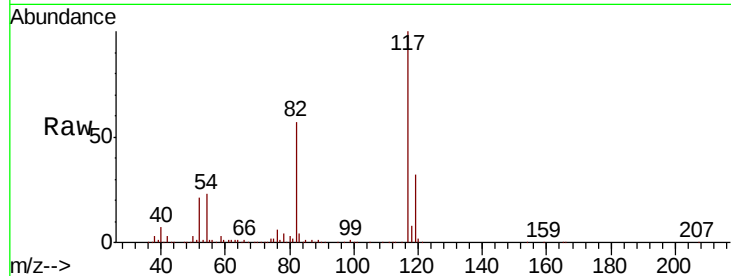




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005432.D
Acq: 17 Sep 2018 14:38

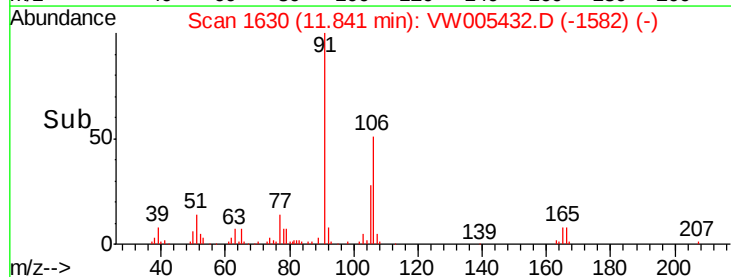
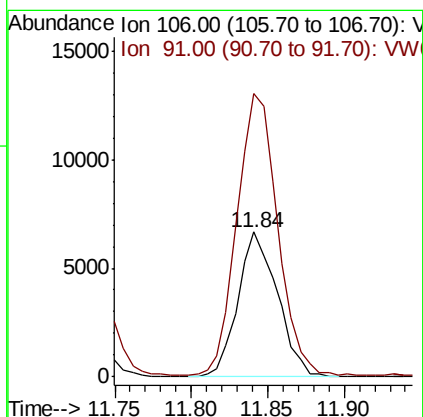
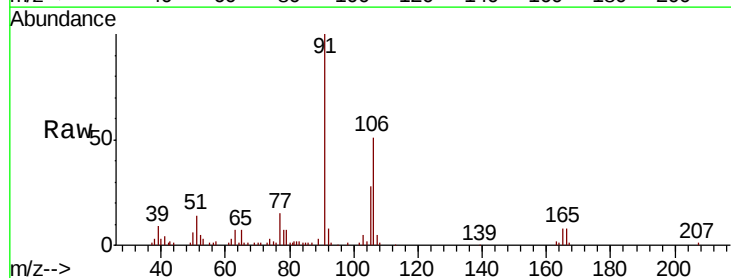
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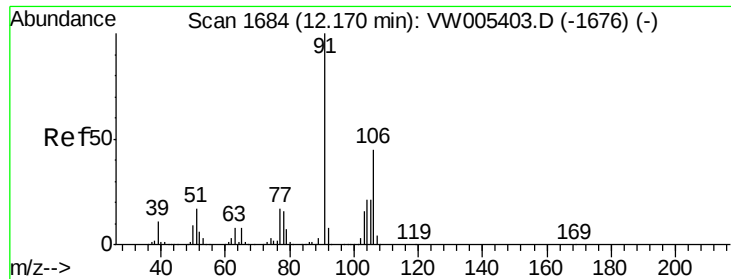
Tot Ion:117 Resp: 351630
Ion Ratio Lower Upper
117 100
82 57.3 45.9 68.9
119 31.9 24.8 37.2



#68
m/p-Xylenes
Concen: 2.37 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005432.D
Acq: 17 Sep 2018 14:38

Tgt Ion:106 Resp: 11983
Ion Ratio Lower Upper
106 100
91 201.1 167.9 251.9

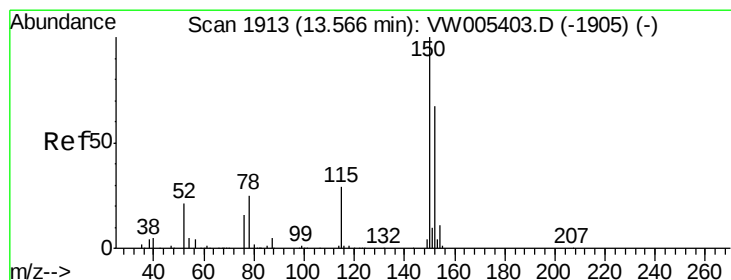
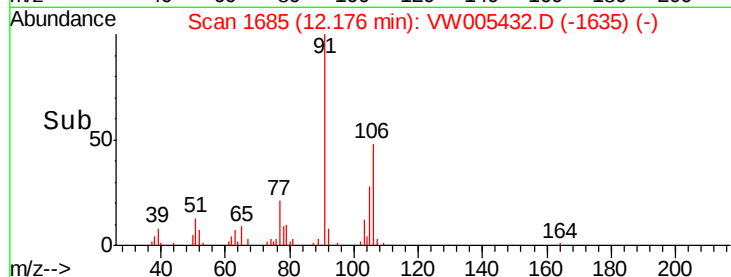
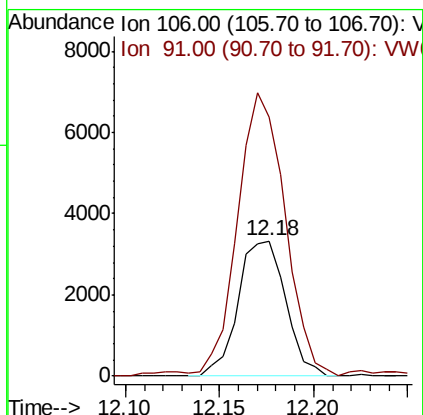
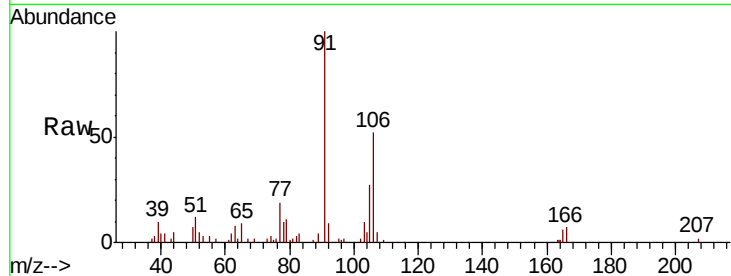




#69
o-Xylene
Concen: 1.23 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005432.D
Acq: 17 Sep 2018 14:38

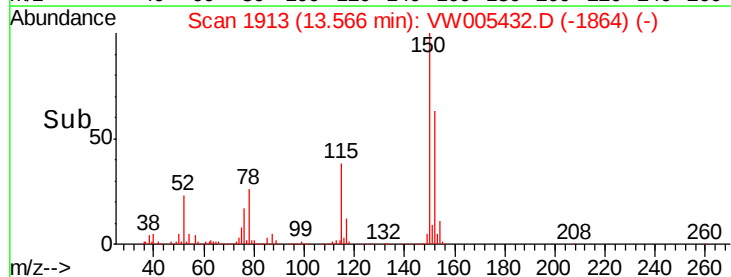
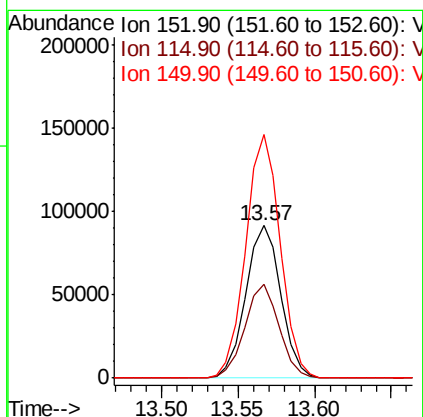
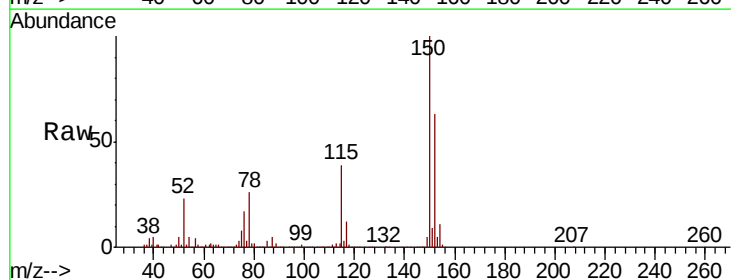
Instrument :
MSVOA_W
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CL-01-091418-C

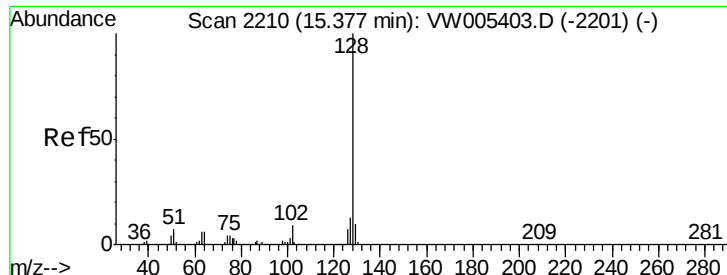
Tot Ion:106 Resp: 5800
Ion Ratio Lower Upper
106 100
91 212.6 110.6 331.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005432.D
Acq: 17 Sep 2018 14:38

Tgt Ion:152 Resp: 145594
Ion Ratio Lower Upper
152 100
115 59.9 29.5 88.5
150 157.6 0.0 345.6





#95

Naphthalene

Concen: 36.83 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005432.D

Acq: 17 Sep 2018 14:38

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-C

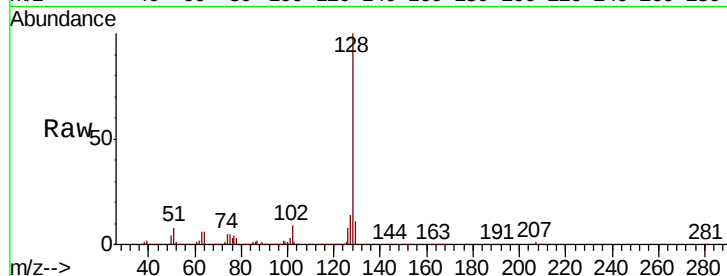
Tot Ion:128 Resp: 175261

Ion Ratio Lower Upper

128 100

127 14.1 11.0 16.4

129 10.7 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

