

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004145.D
 Acq On : 23 Jul 2018 18:39
 Operator : SY/AP
 Sample : J4026-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC001-S-180716

Quant Time: Jul 24 05:31:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	288783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96808	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	43247	23.71	ug/l	0.00
Spiked Amount						
			Recovery	=	47.42%	
35) Dibromofluoromethane	7.88	113	38305	20.67	ug/l	0.00
Spiked Amount						
			Recovery	=	41.34%	
50) Toluene-d8	10.33	98	99679	13.86	ug/l	0.00
Spiked Amount						
			Recovery	=	27.72%	
62) 4-Bromofluorobenzene	12.62	95	29746	11.47	ug/l	0.00
Spiked Amount						
			Recovery	=	22.94%	

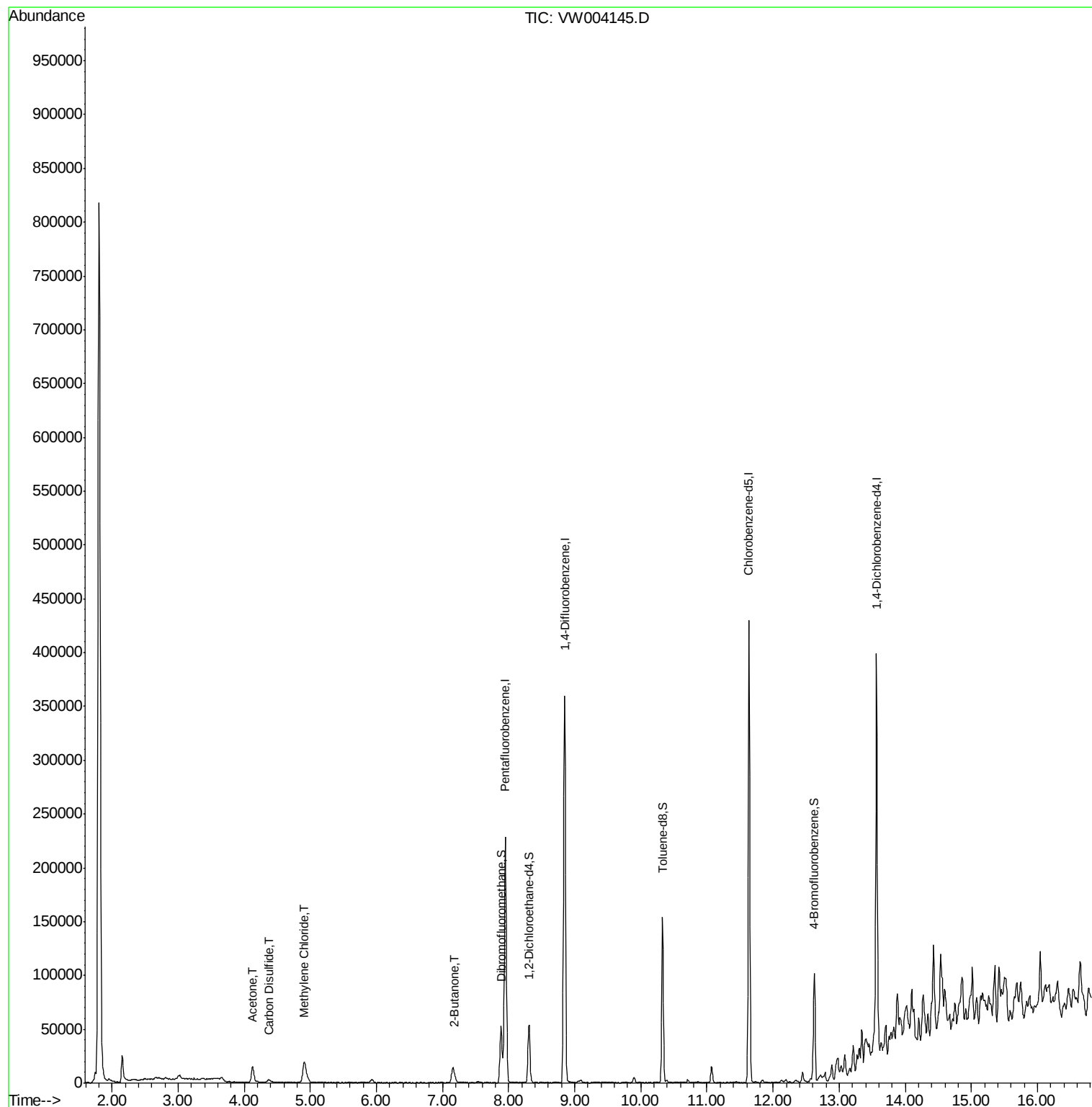
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	25368	57.89	ug/l	99
17) Carbon Disulfide	4.37	76	5973	1.21	ug/l #	85
20) Methylene Chloride	4.92	84	17414	1.35	ug/l	98
25) 2-Butanone	7.18	43	7186	12.18	ug/l #	83

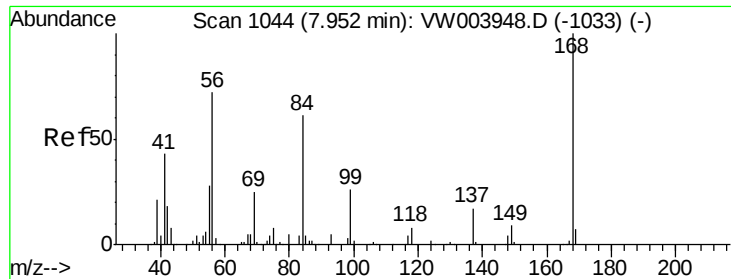
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

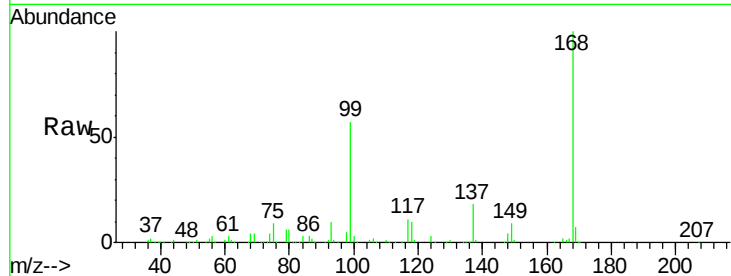
KY030LC001-S-180716

Tot Ion:168 Resp: 163154

Ion Ratio Lower Upper

168 100

99 57.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

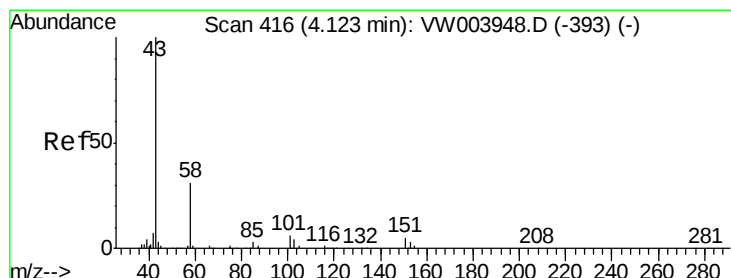
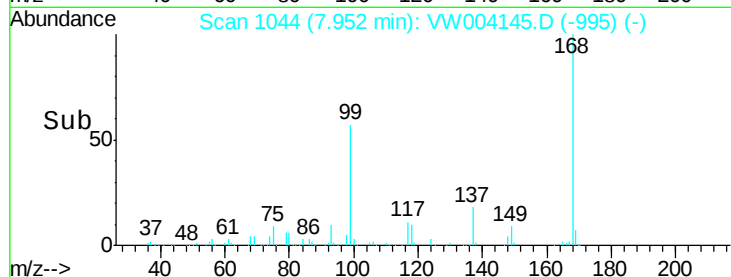
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 57.89 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004145.D

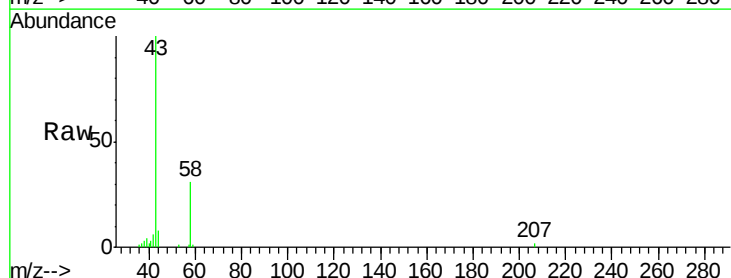
Acq: 23 Jul 2018 18:39

Tgt Ion: 43 Resp: 25368

Ion Ratio Lower Upper

43 100

58 31.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

6000

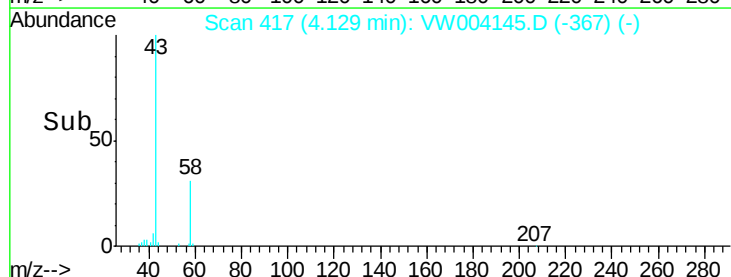
4000

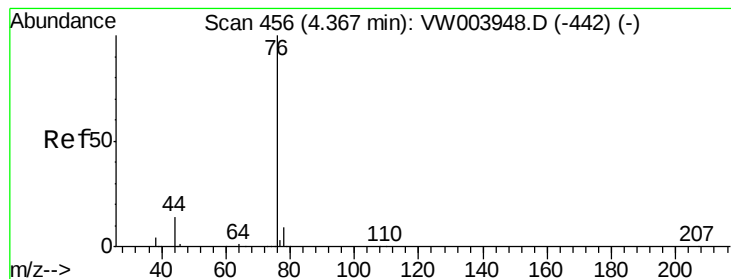
2000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 1.21 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

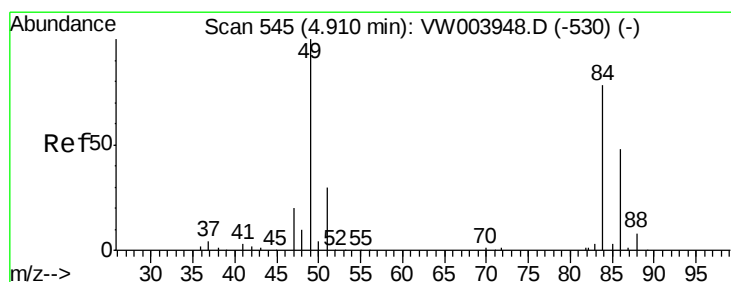
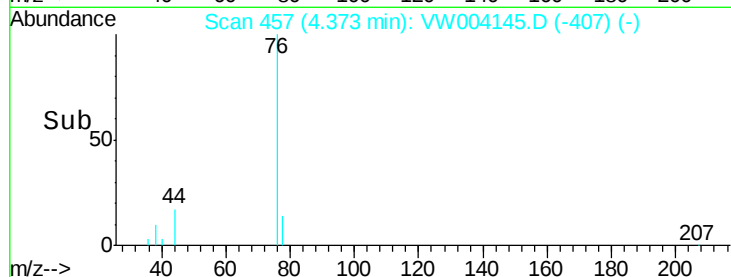
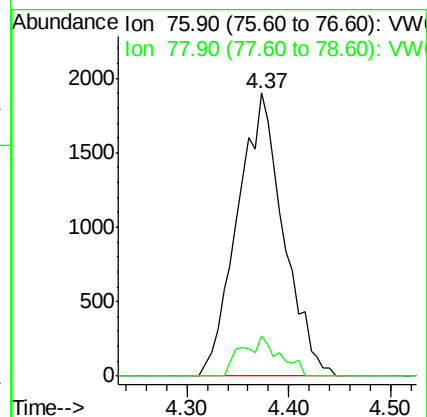
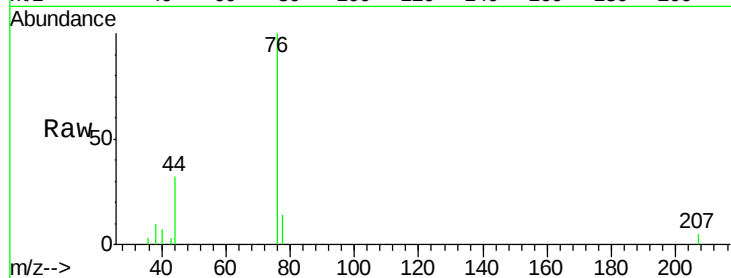
KY030LC001-S-180716

Tot Ion: 76 Resp: 5973

Ion Ratio Lower Upper

76 100

78 14.4 7.1 10.7#



#20

Methylene Chloride

Concen: 1.35 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Tgt Ion: 84 Resp: 17414

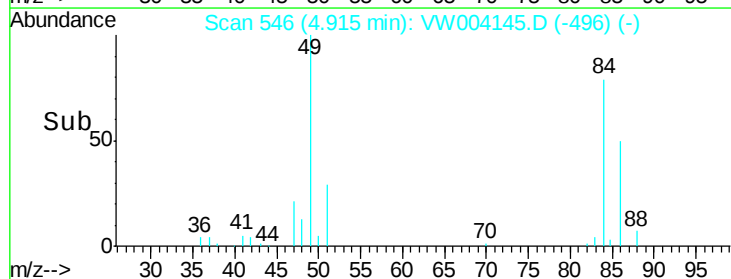
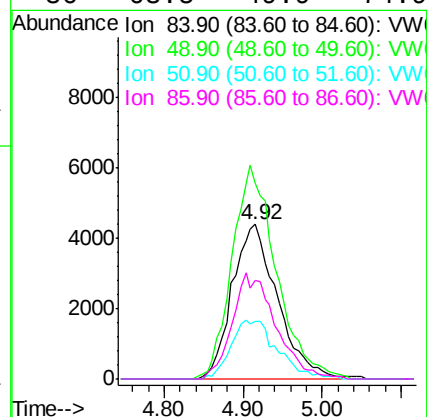
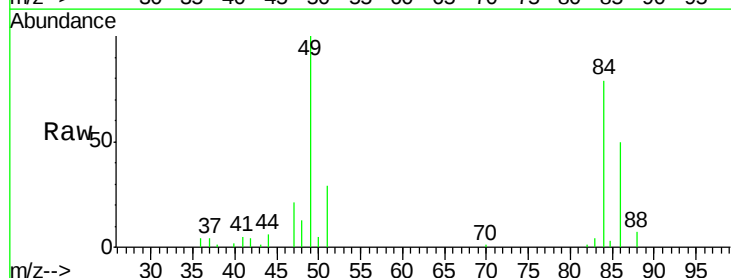
Ion Ratio Lower Upper

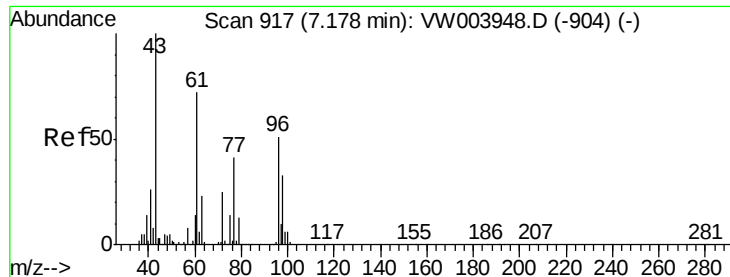
84 100

49 126.6 102.9 154.3

51 37.2 30.9 46.3

86 63.5 49.9 74.9





#25

2-Butanone

Concen: 12.18 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

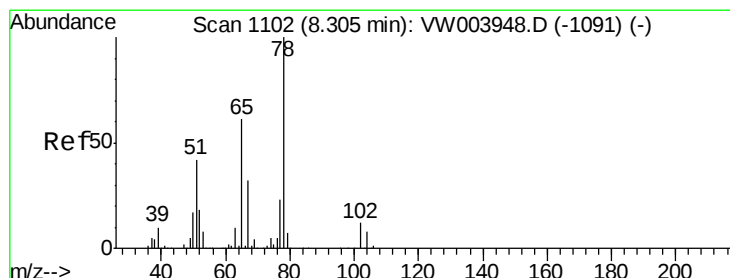
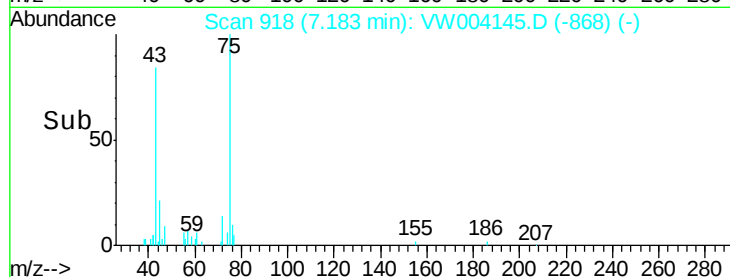
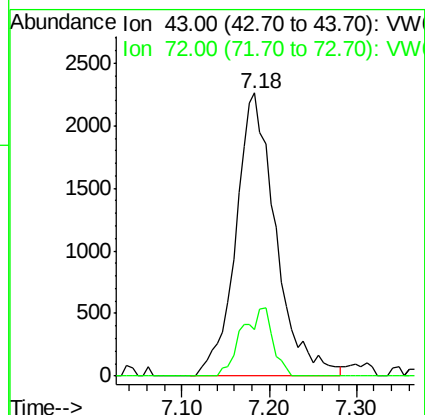
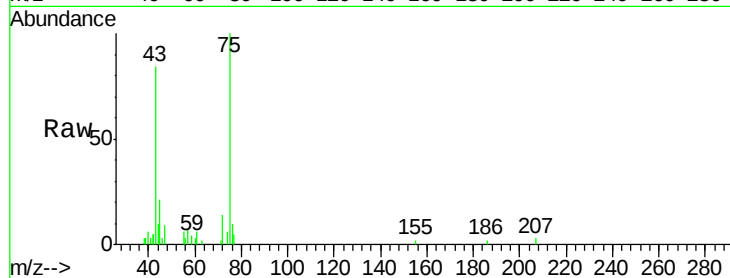
KY030LC001-S-180716

Tot Ion: 43 Resp: 7186

Ion Ratio Lower Upper

43 100

72 16.5 19.8 29.6#



#33

1,2-Dichloroethane-d4

Concen: 23.71 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW004145.D

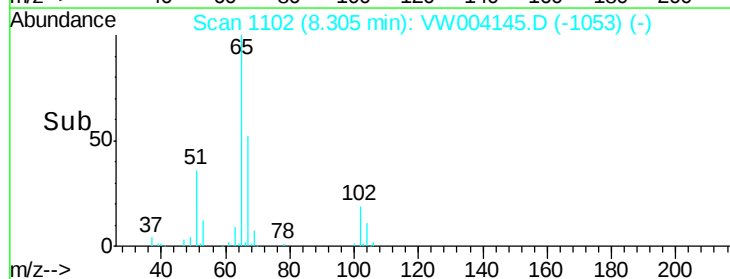
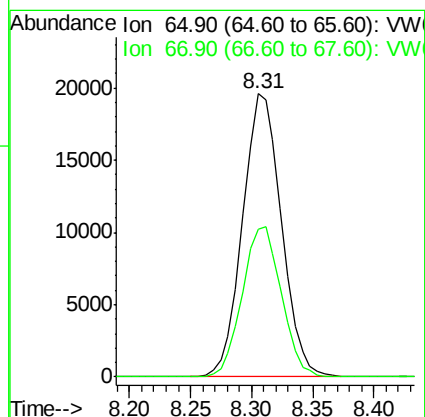
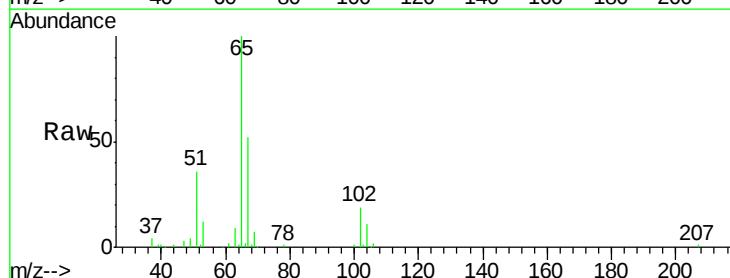
Acq: 23 Jul 2018 18:39

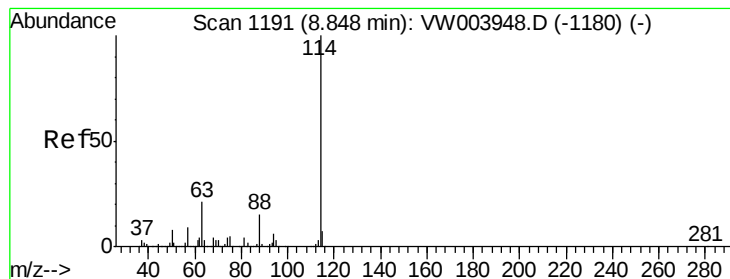
Tgt Ion: 65 Resp: 43247

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

KY030LC001-S-180716

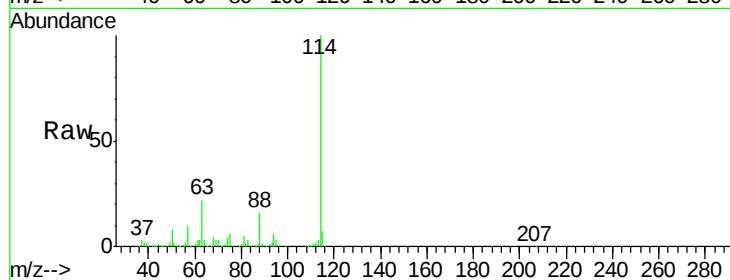
Tot Ion:114 Resp: 288783

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

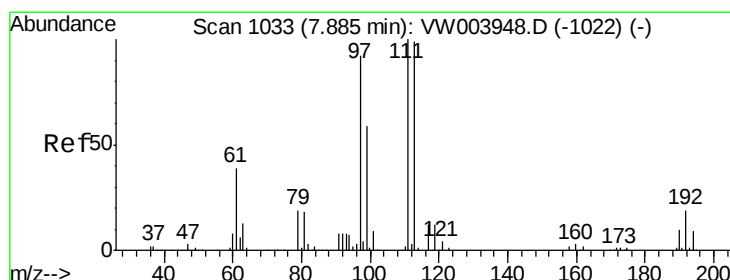
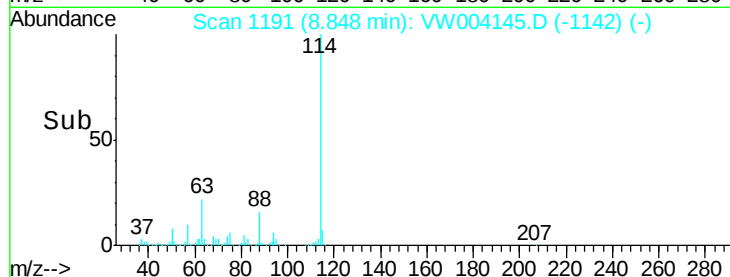
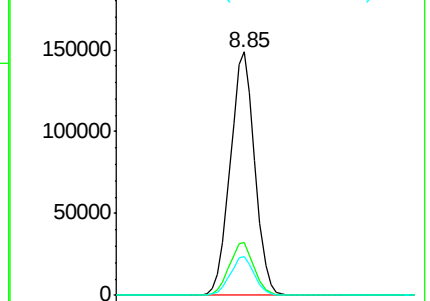
88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 20.67 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

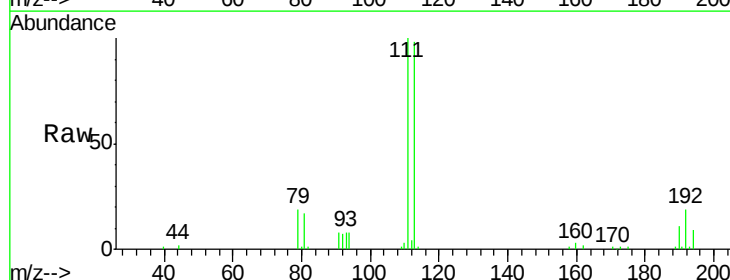
Tgt Ion:113 Resp: 38305

Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

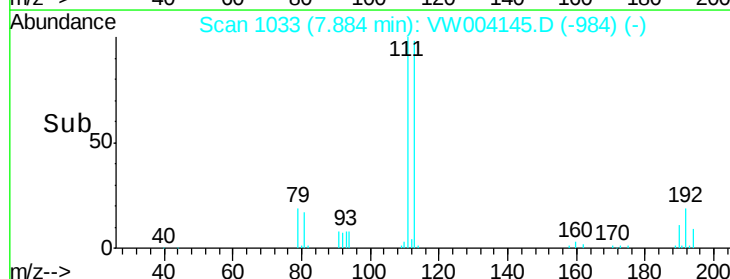
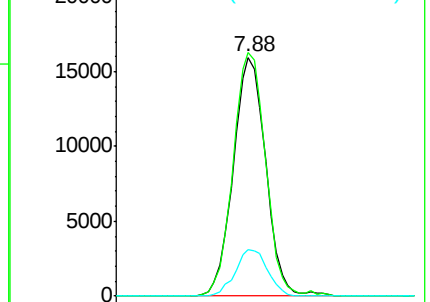
192 19.3 15.8 23.6

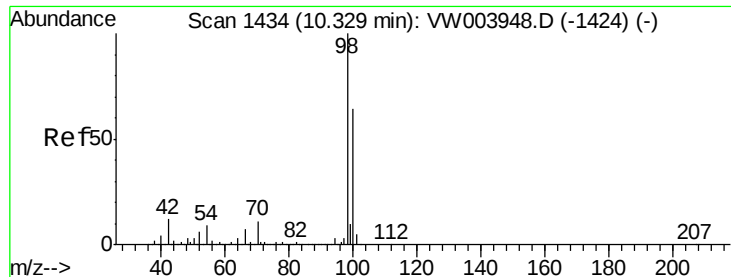


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 13.86 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

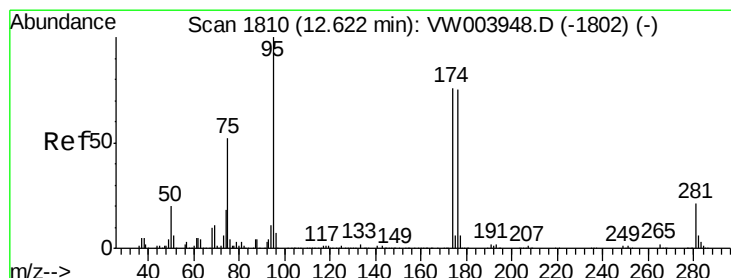
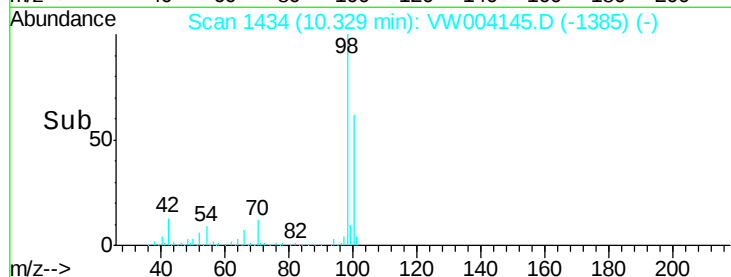
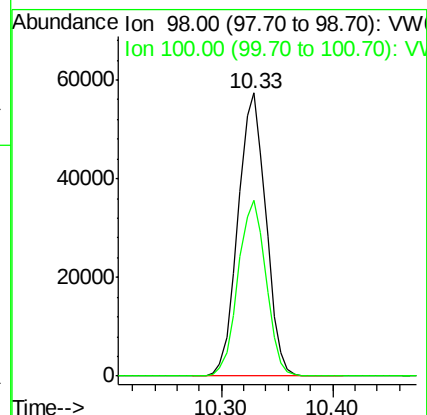
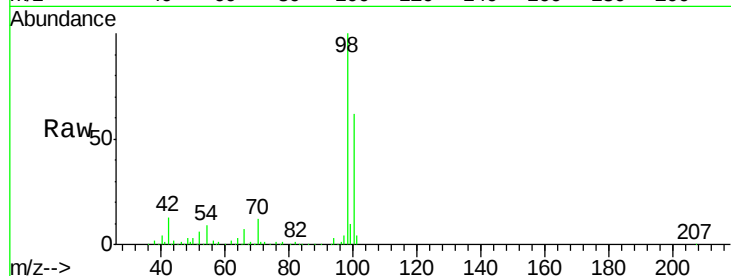
KY030LC001-S-180716

Tot Ion: 98 Resp: 99679

Ion Ratio Lower Upper

98 100

100 62.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 11.47 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004145.D

Acq: 23 Jul 2018 18:39

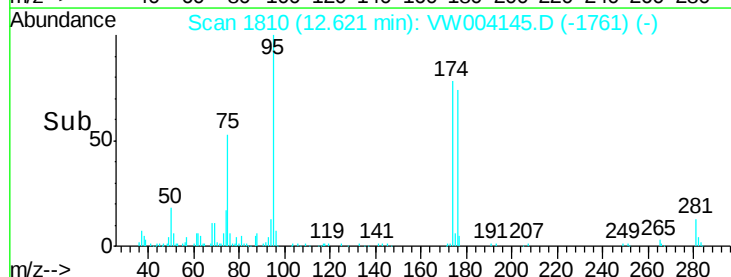
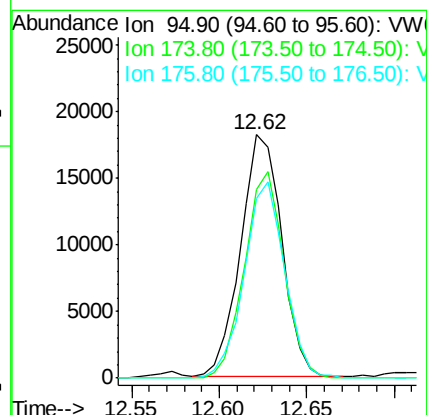
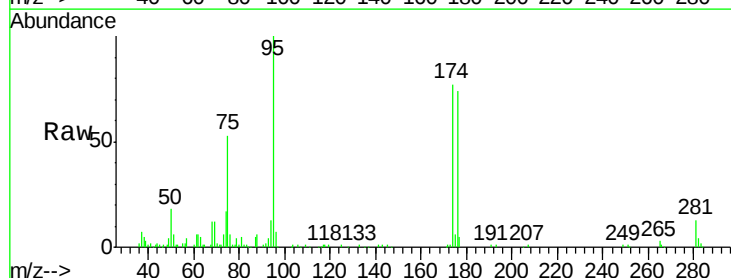
Tgt Ion: 95 Resp: 29746

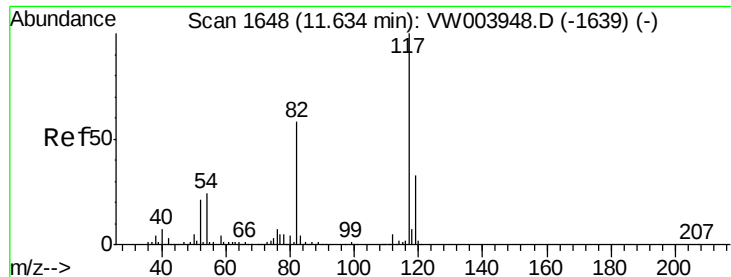
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.2

176 79.7 0.0 155.8

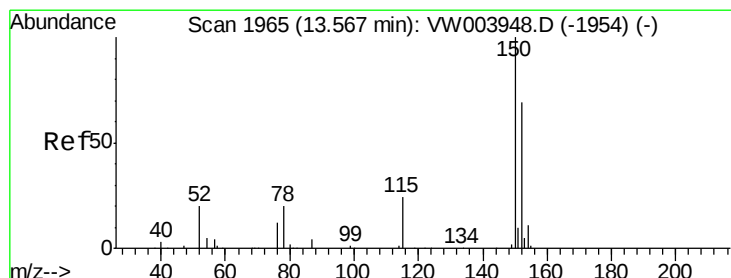
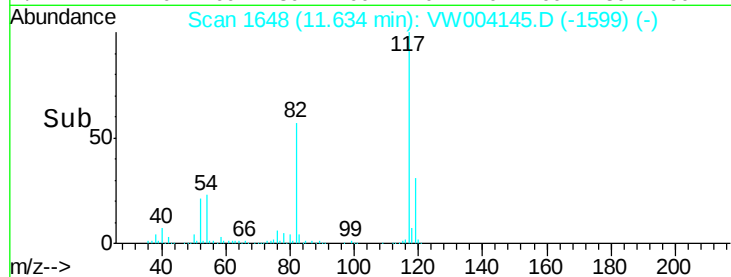
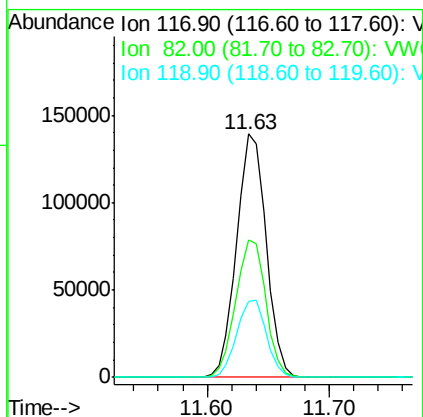
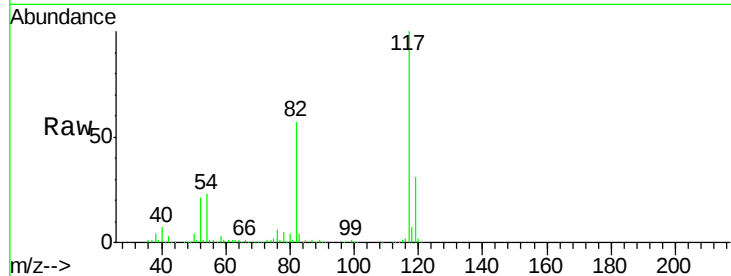




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004145.D
Acq: 23 Jul 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-S-180716

Tot Ion:117 Resp: 233183
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 31.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004145.D
Acq: 23 Jul 2018 18:39

Tgt Ion:152 Resp: 96808
Ion Ratio Lower Upper
152 100
115 58.4 29.2 87.6
150 153.3 0.0 345.2

