

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003929.D
 Acq On : 13 Jul 2018 21:29
 Operator : VA/AP
 Sample : J3947-07RE
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4RE

Quant Time: Jul 14 00:49:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	281594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64829	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	109460	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
35) Dibromofluoromethane	7.88	113	94337	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	10.33	98	326804	43.35	ug/l	0.00
Spiked Amount			Recovery	=	86.70%	
62) 4-Bromofluorobenzene	12.62	95	84216	30.87	ug/l	0.00
Spiked Amount			Recovery	=	61.74%	

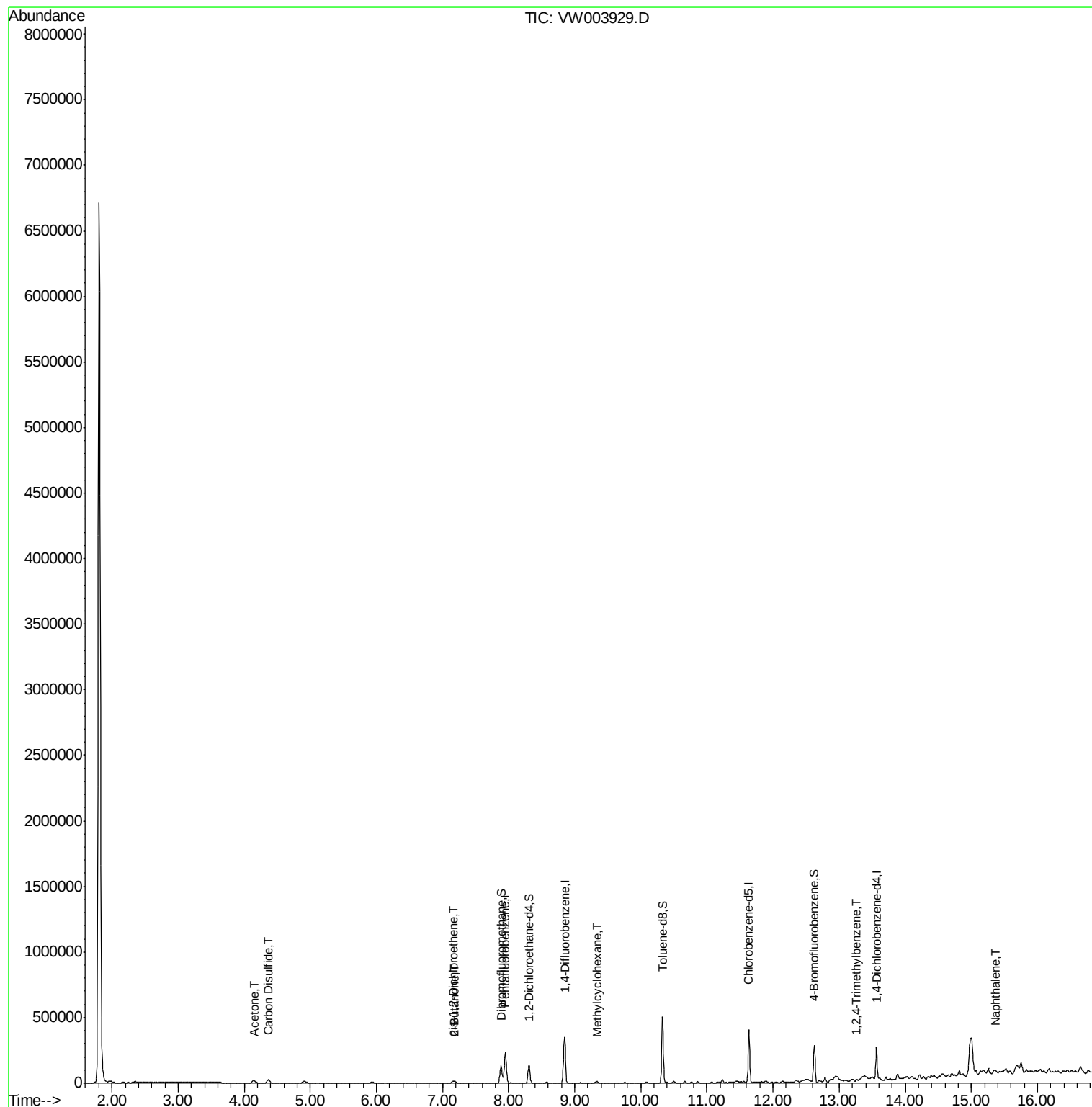
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	41982	109.02	ug/l	97
17) Carbon Disulfide	4.37	76	54984	10.52	ug/l	98
25) 2-Butanone	7.18	43	10617	17.60	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	2696	1.29	ug/l	93
39) Methylcyclohexane	9.34	83	4881	1.49	ug/l	88
84) 1,2,4-Trimethylbenzene	13.26	105	5447	1.39	ug/l	93
95) Naphthalene	15.38	128	16579	6.89	ug/l #	93

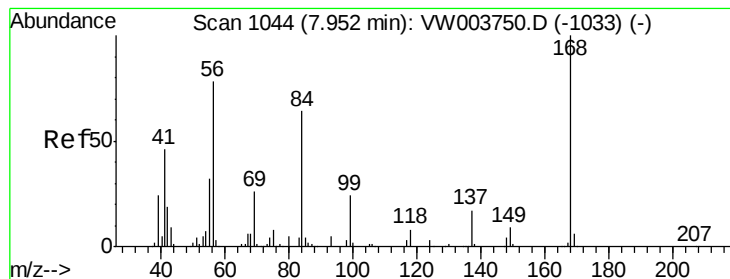
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 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: VW003929.D

Acq: 13 Jul 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

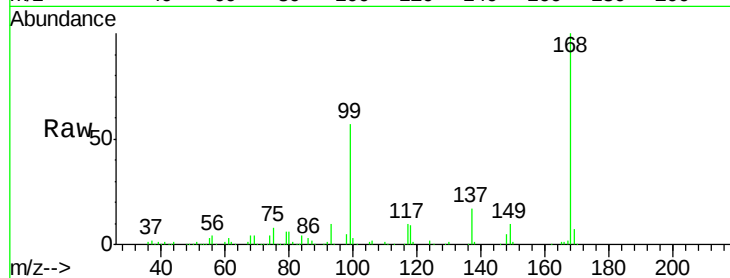
PAR-4RE

Tot Ion:168 Resp: 169722

Ion Ratio Lower Upper

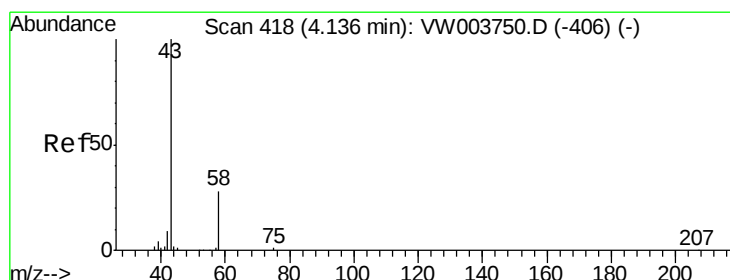
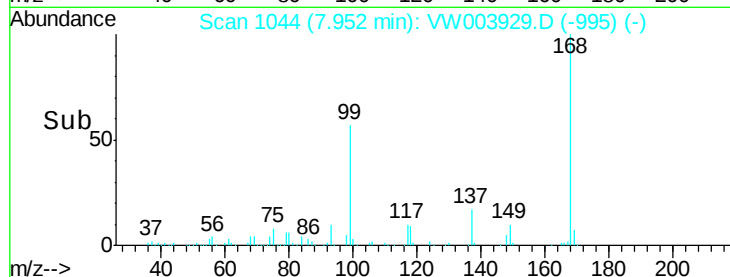
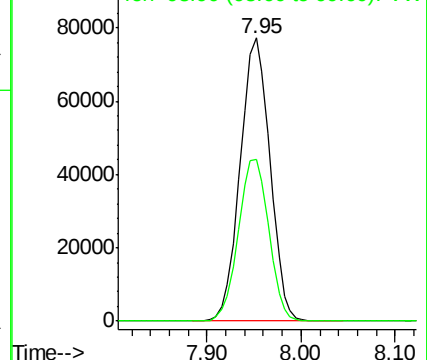
168 100

99 57.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 109.02 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003929.D

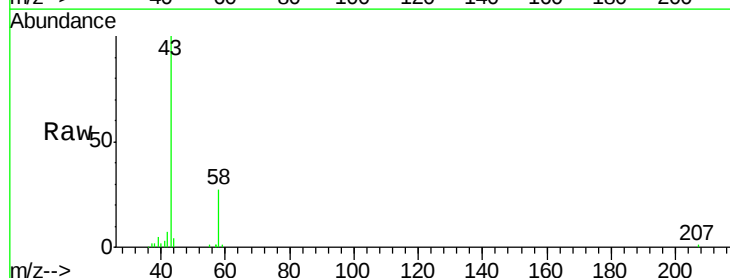
Acq: 13 Jul 2018 21:29

Tgt Ion: 43 Resp: 41982

Ion Ratio Lower Upper

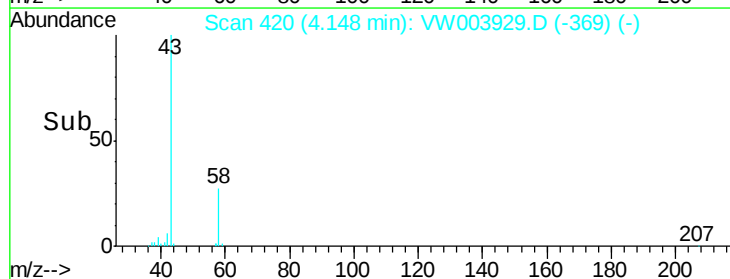
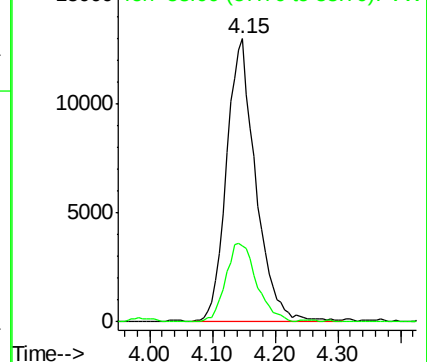
43 100

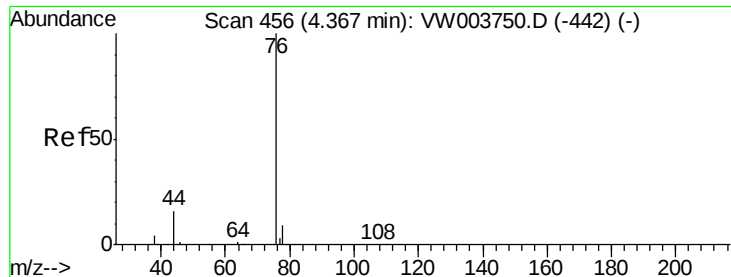
58 26.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 10.52 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003929.D

Acq: 13 Jul 2018 21:29

Instrument :

MSVOA_W

ClientSampled :

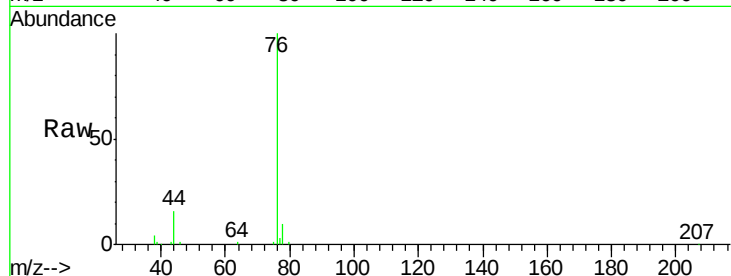
PAR-4RE

Tot Ion: 76 Resp: 54984

Ion Ratio Lower Upper

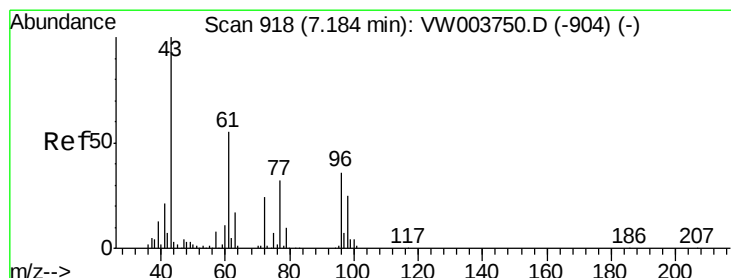
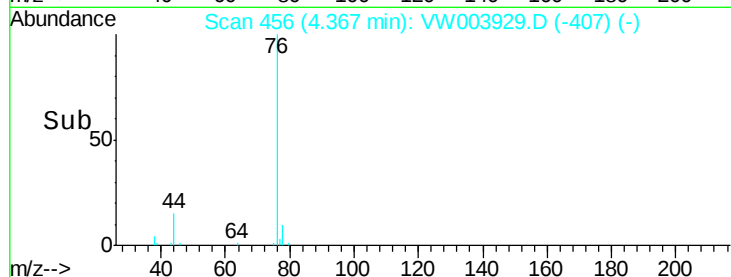
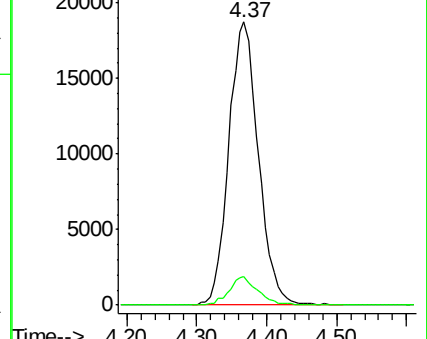
76 100

78 10.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 17.60 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003929.D

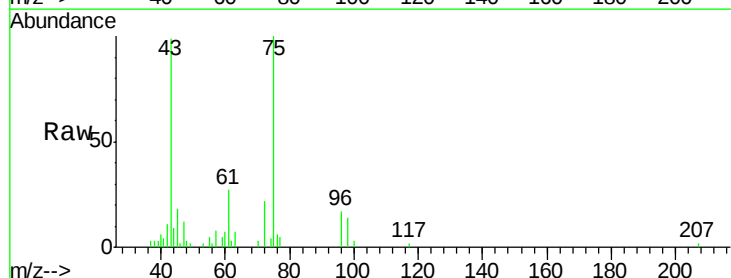
Acq: 13 Jul 2018 21:29

Tgt Ion: 43 Resp: 10617

Ion Ratio Lower Upper

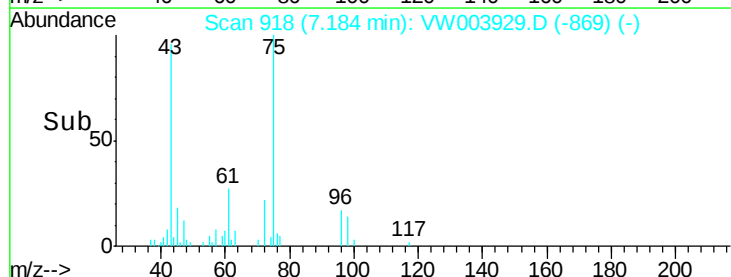
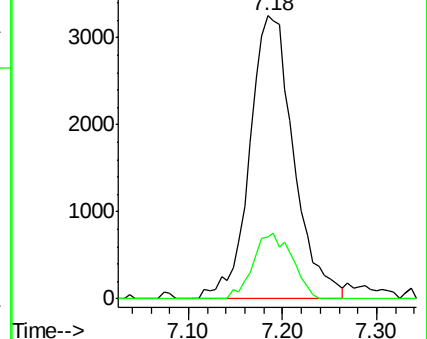
43 100

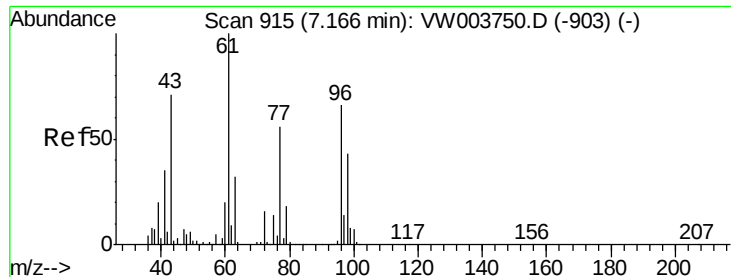
72 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



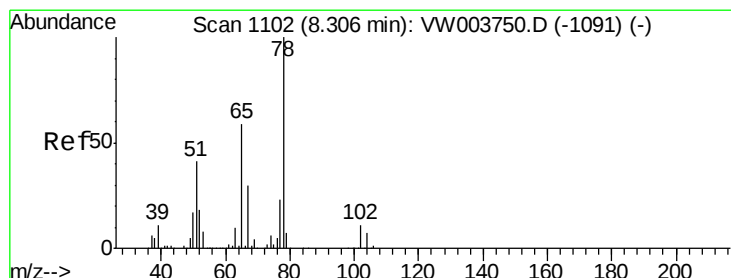
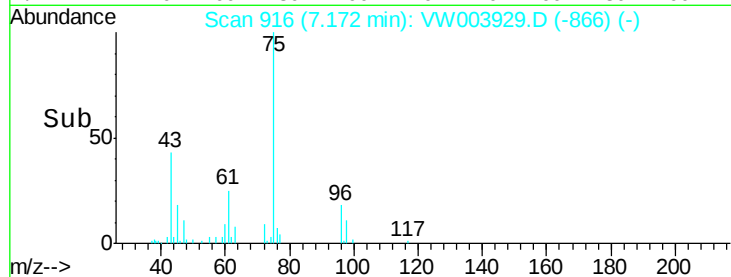
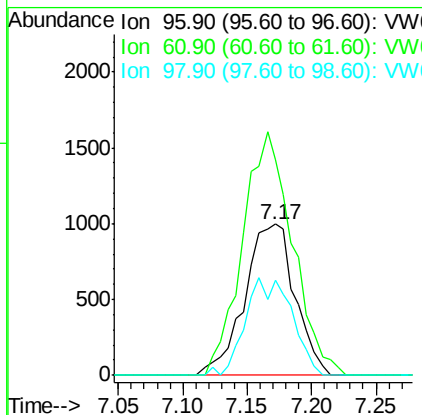
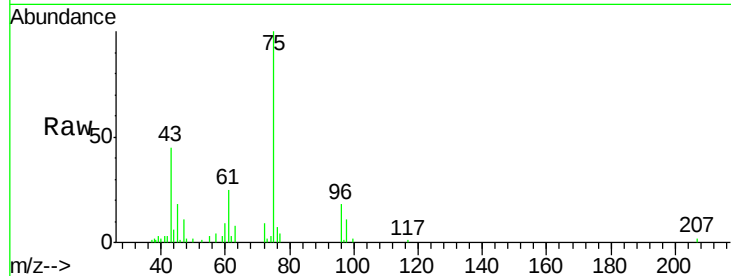


#27

cis-1,2-Dichloroethene
 Concen: 1.29 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW003929.D
 Acq: 13 Jul 2018 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4RE

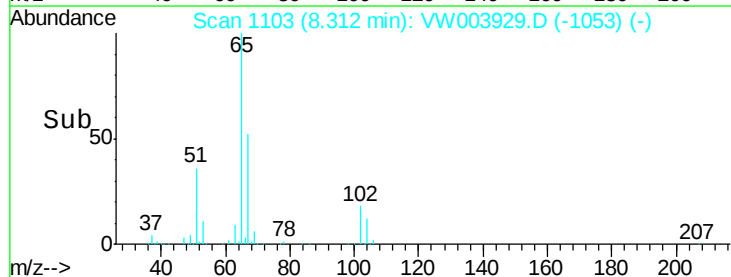
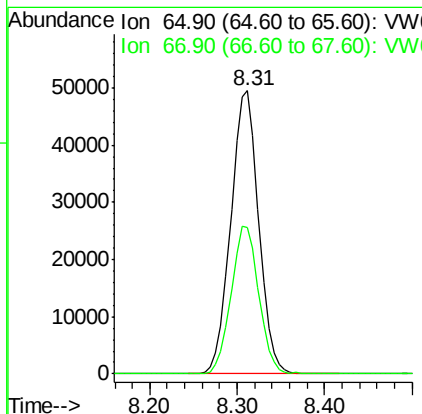
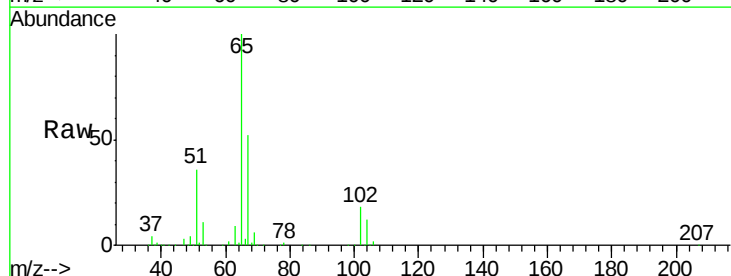
Tot Ion	96	Resp	2696
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	300.8
98	59.6	0.0	128.6

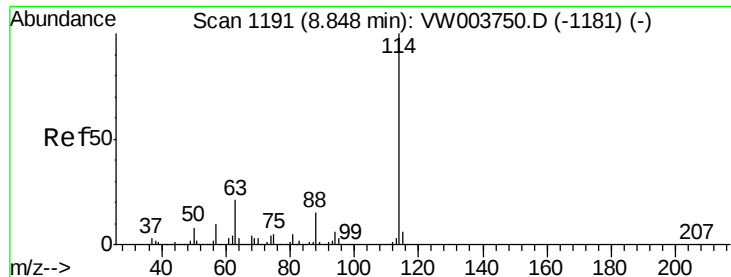


#33

1,2-Dichloroethane-d4
 Concen: 49.32 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003929.D
 Acq: 13 Jul 2018 21:29

Tgt Ion	65	Resp	109460
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003929.D

Acq: 13 Jul 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

PAR-4RE

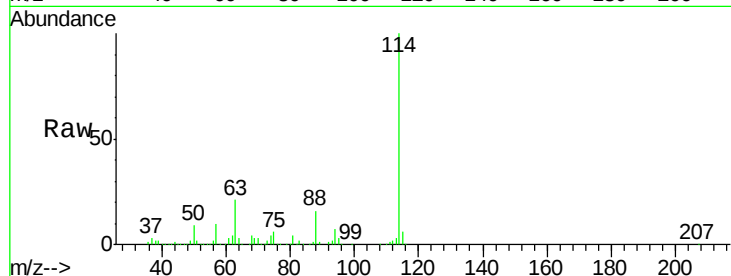
Tot Ion:114 Resp: 281594

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

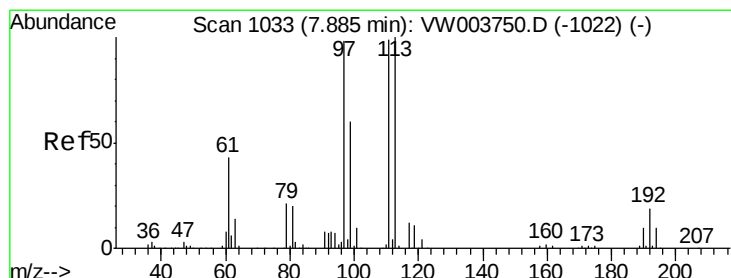
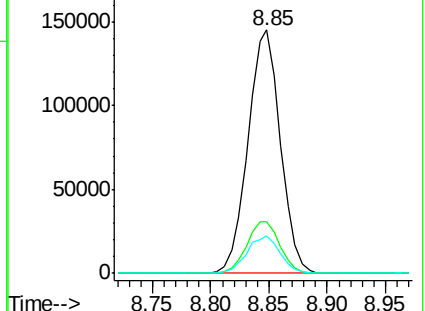
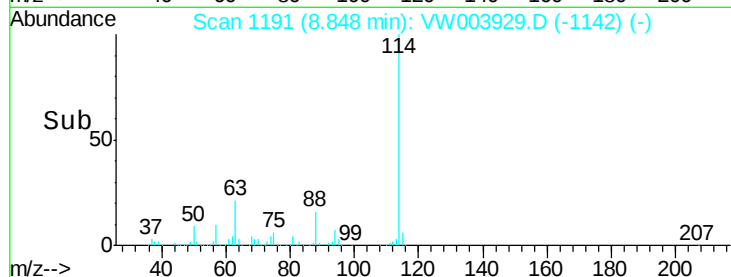
88 15.6 0.0 30.2



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: 47.87 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003929.D

Acq: 13 Jul 2018 21:29

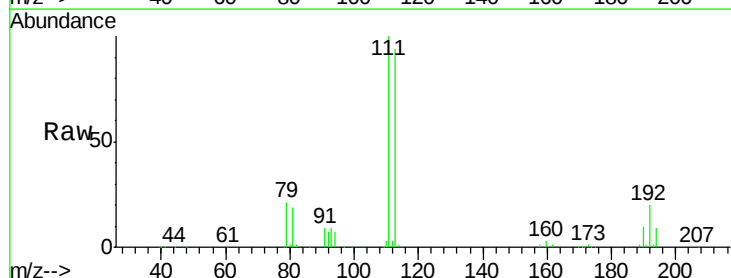
Tgt Ion:113 Resp: 94337

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

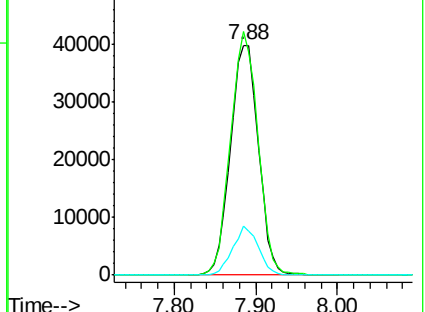
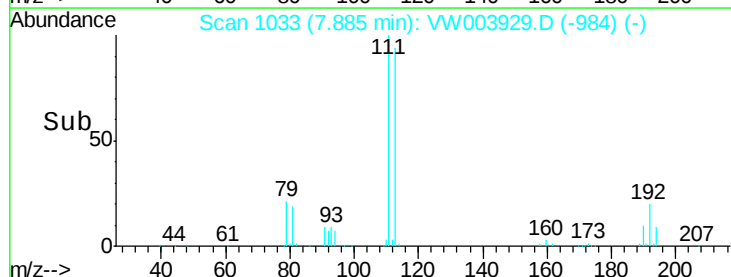
192 19.4 15.8 23.8

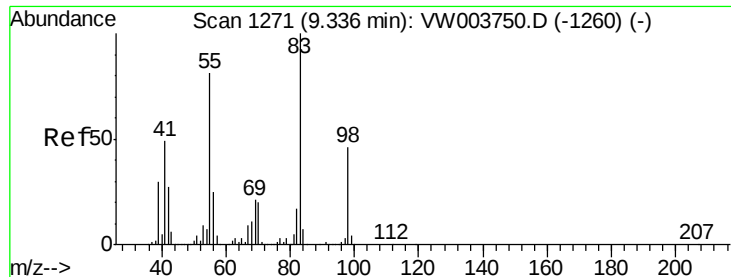


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

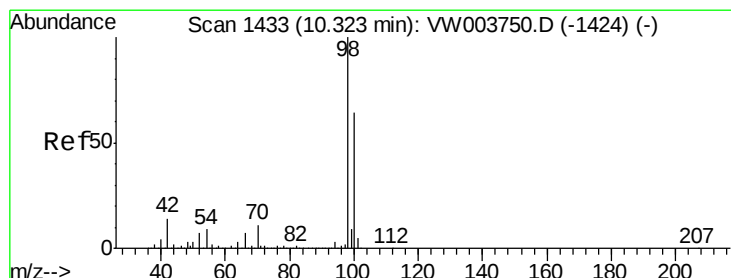
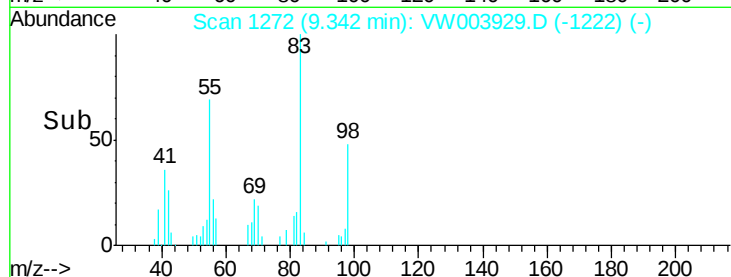
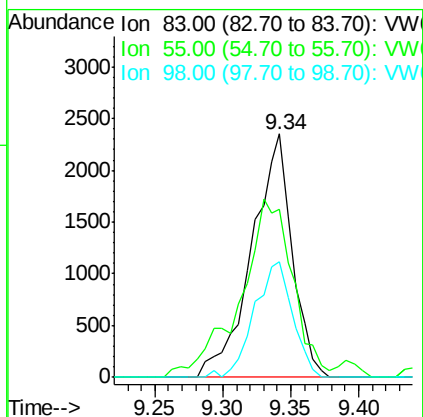
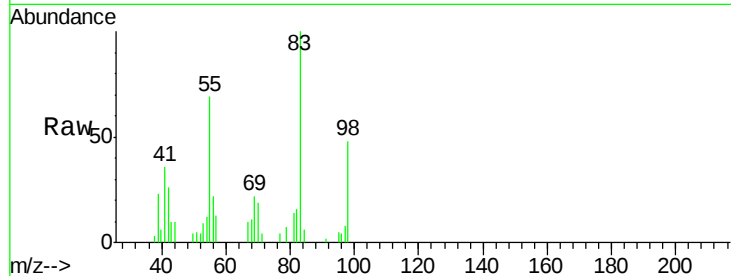




#39
Methvlcvclohexane
Concen: 1.49 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW003929.D
Acq: 13 Jul 2018 21:29

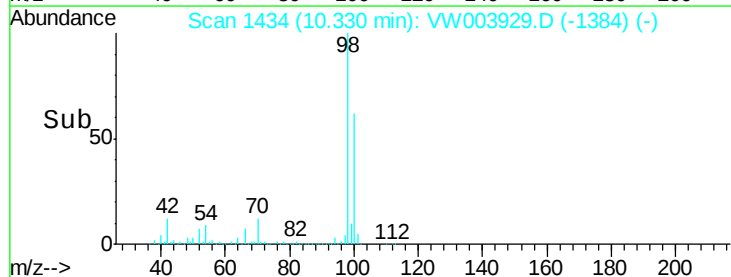
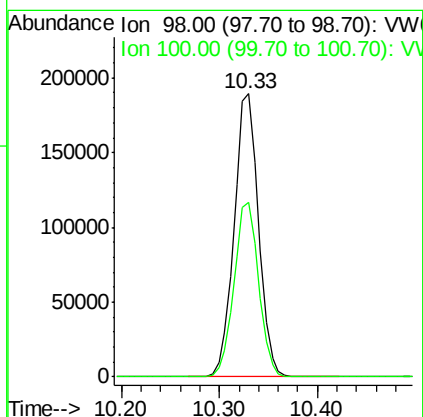
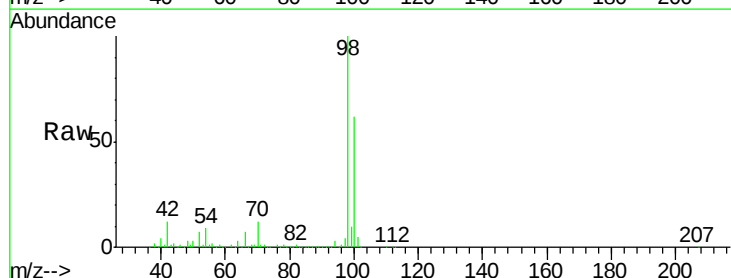
Instrument :
MSVOA_W
ClientSampleId :
PAR-4RE

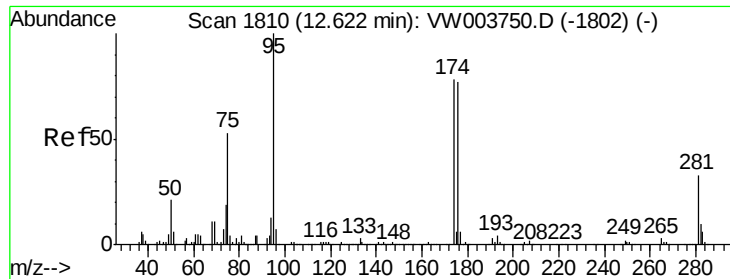
Tot Ion: 83 Resp: 4881
Ion Ratio Lower Upper
83 100
55 65.4 65.1 97.7
98 47.6 36.7 55.1



#50
Toluene-d8
Concen: 43.35 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003929.D
Acq: 13 Jul 2018 21:29

Tgt Ion: 98 Resp: 326804
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2

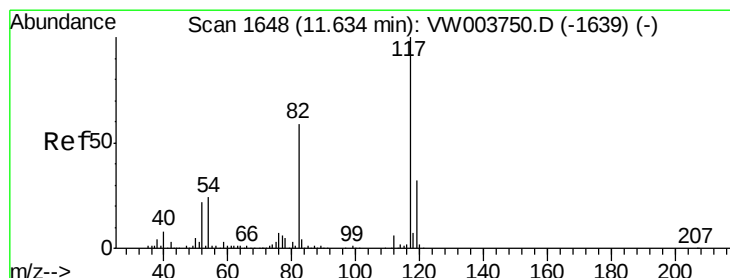
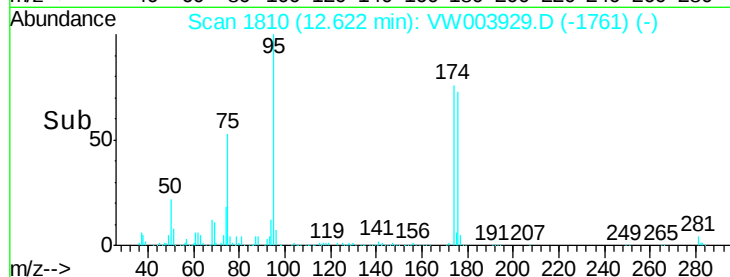
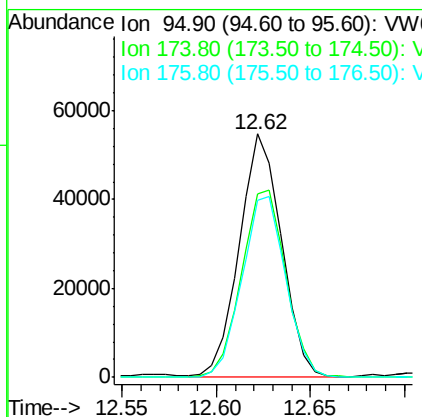
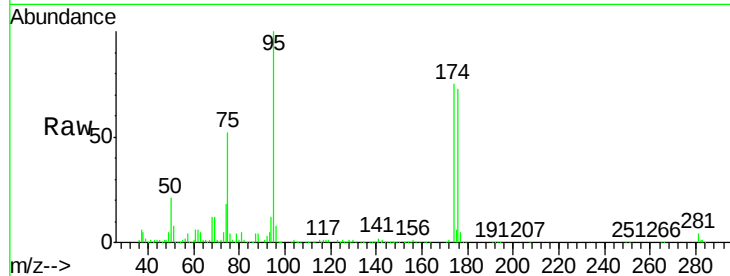




#62
4-Bromofluorobenzene
Concen: 30.87 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003929.D
Acq: 13 Jul 2018 21:29

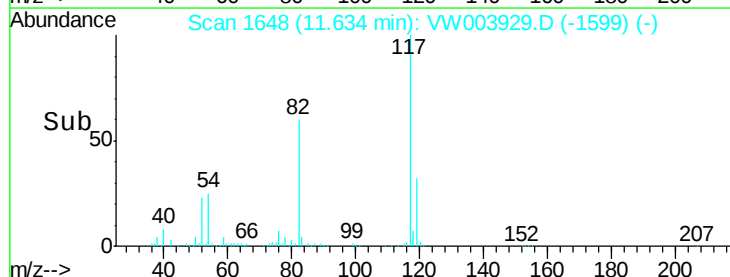
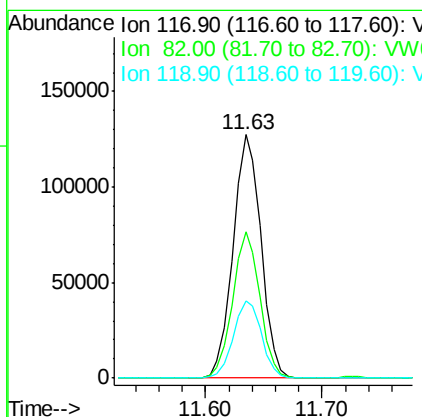
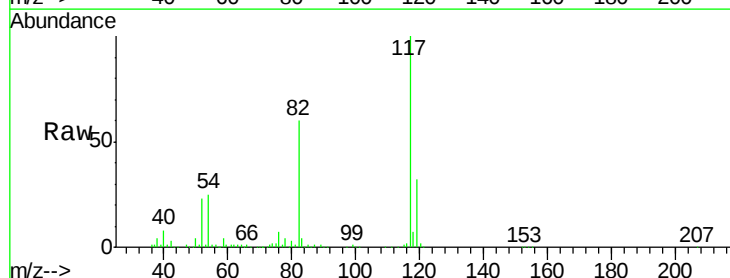
Instrument :
MSVOA_W
ClientSampleId :
PAR-4RE

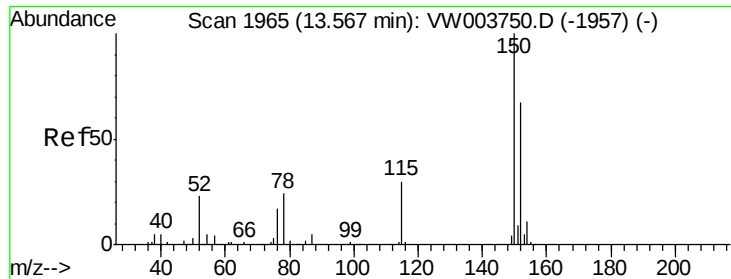
Tot Ion: 95 Resp: 84216
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.4
176 77.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003929.D
Acq: 13 Jul 2018 21:29

Tgt Ion: 117 Resp: 212897
Ion Ratio Lower Upper
117 100
82 59.8 46.9 70.3
119 31.8 25.5 38.3

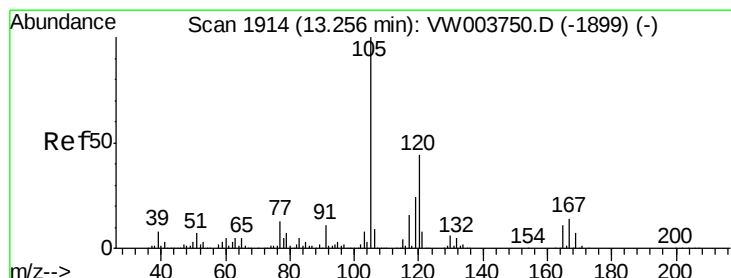
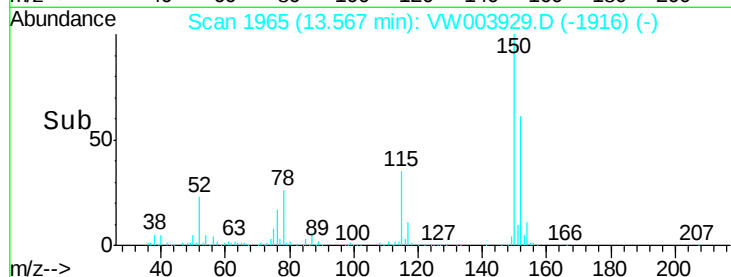
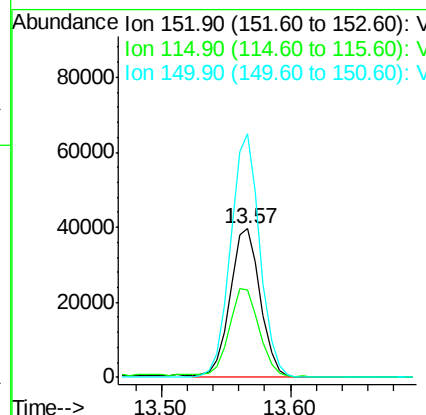
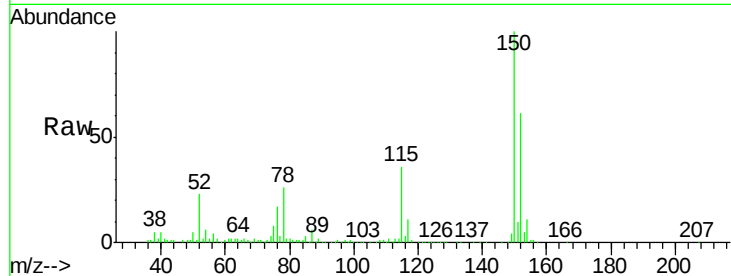




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003929.D
 Acq: 13 Jul 2018 21:29

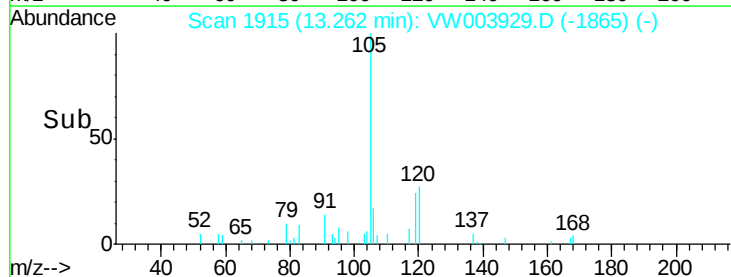
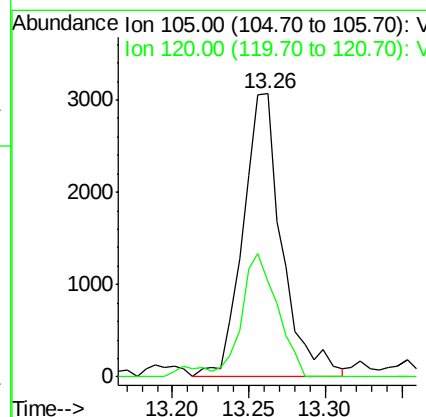
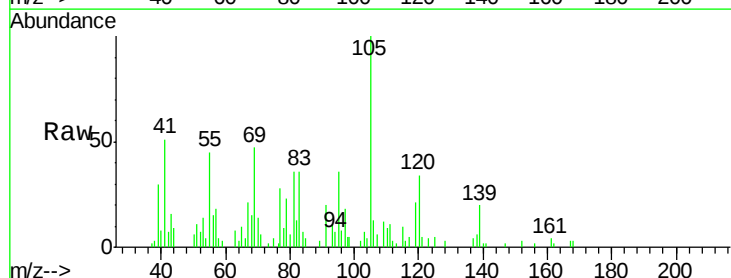
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-4RE

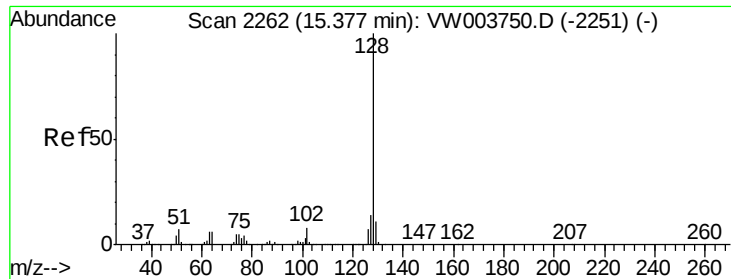
Tot Ion:152 Resp: 64829
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.8
 150 158.6 0.0 342.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.39 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW003929.D
 Acq: 13 Jul 2018 21:29

Tgt Ion:105 Resp: 5447
 Ion Ratio Lower Upper
 105 100
 120 39.7 22.0 66.0





#95

Naphthalene

Concen: 6.89 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003929.D

Acq: 13 Jul 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

PAR-4RE

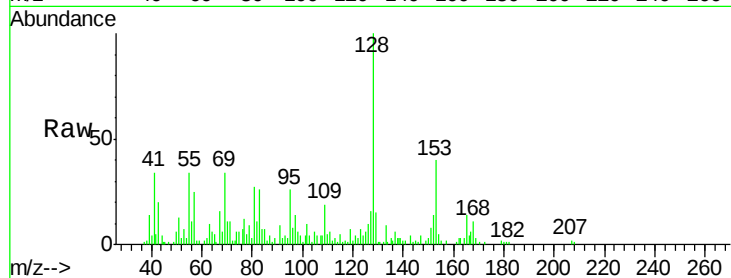
Tot Ion:128 Resp: 16579

Ion Ratio Lower Upper

128 100

127 18.3 10.8 16.2#

129 10.3 8.6 13.0



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

