

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
 Data File : VW006428.D
 Acq On : 27 Oct 2018 03:33
 Operator : SY/AP
 Sample : J5515-04RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-03BRE

Quant Time: Oct 27 04:52:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206344	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	126669	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	122791	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.32	98	468414	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	173828	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	

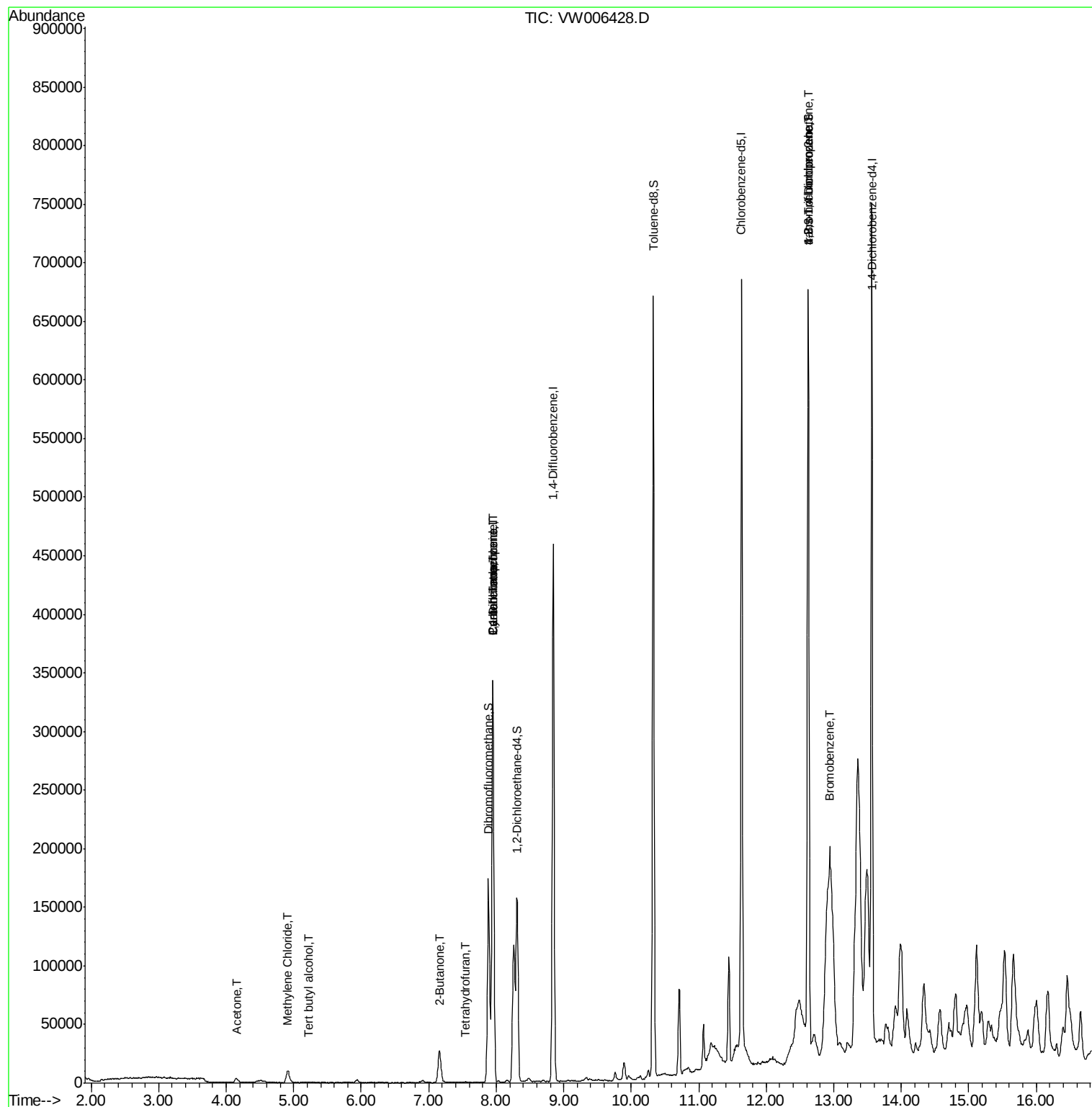
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	182	1.158	ug/l #	71
16) Acetone	4.15	43	7117	1.519	ug/l	92
20) Methylene Chloride	4.91	84	8959	2.063	ug/l	94
25) 2-Butanone	7.16	43	1117	1.769	ug/l #	82
29) Tetrahydrofuran	7.54	42	403	1.039	ug/l #	46
31) Cyclohexane	7.95	56	4747	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17971	4.648	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24410	5.759	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	84821	53.818	ug/l #	100
77) Bromobenzene	12.94	156	294836	82.575	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	84821	128.647	ug/l #	10

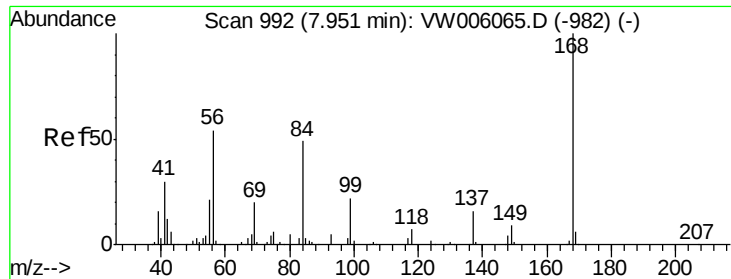
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampled :

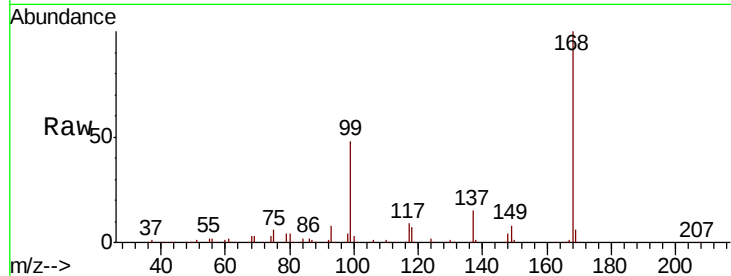
AOC1-03BRE

Tgt Ion: 168 Resp: 281874

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

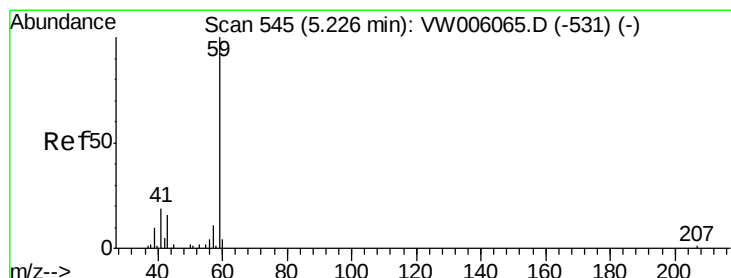
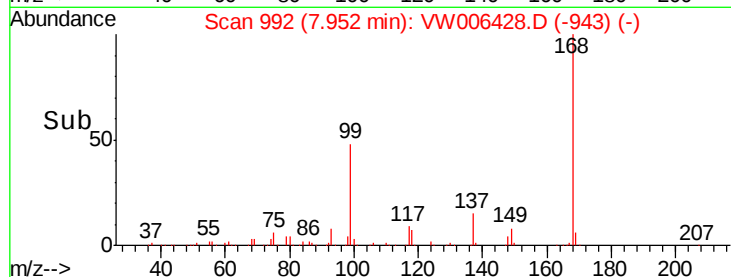
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.158 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006428.D

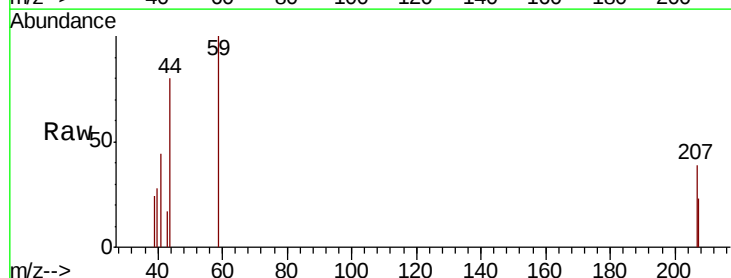
Acq: 27 Oct 2018 03:33

Tgt Ion: 59 Resp: 182

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

400

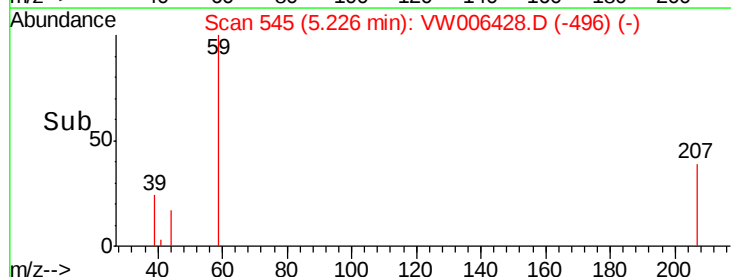
300

200

100

0

Time-->





#16

Acetone

Concen: 1.519 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

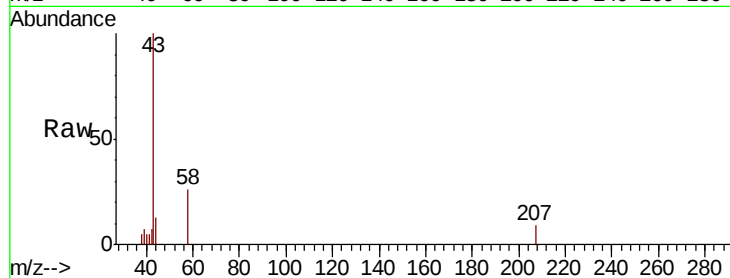
AOC1-03BRE

Tgt Ion: 43 Resp: 7117

Ion Ratio Lower Upper

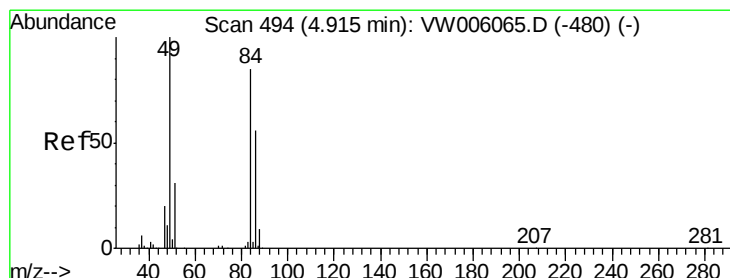
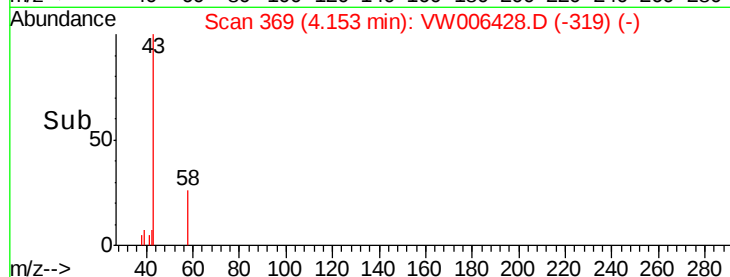
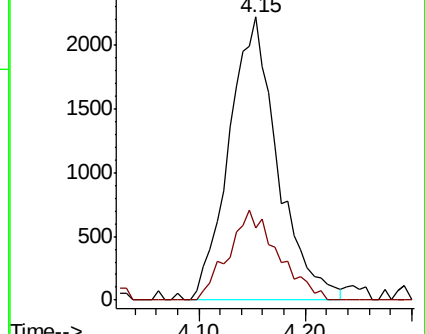
43 100

58 25.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.063 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Tgt Ion: 84 Resp: 8959

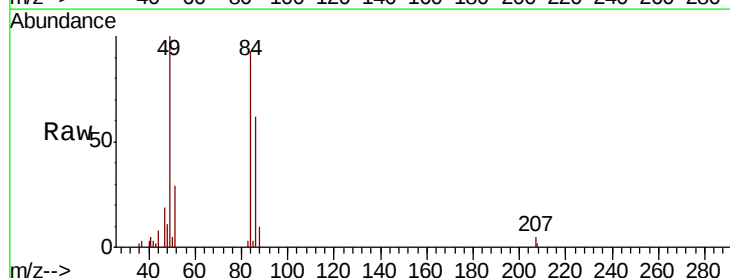
Ion Ratio Lower Upper

84 100

49 107.2 93.6 140.4

51 31.2 29.0 43.4

86 66.4 52.6 79.0

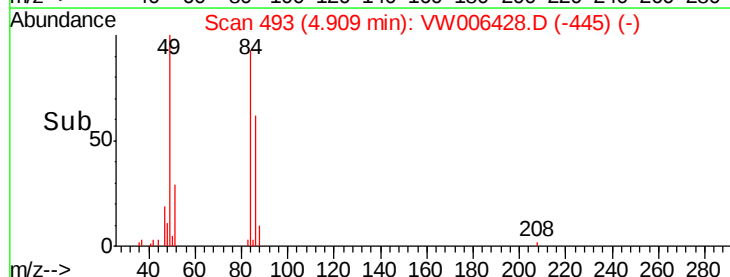
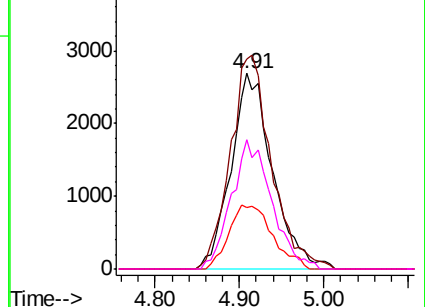


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.769 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

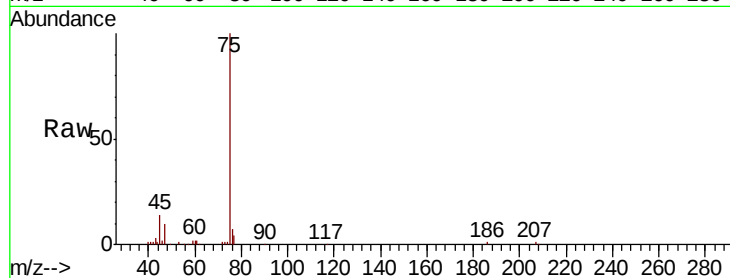
AOC1-03BRE

Tgt Ion: 43 Resp: 1117

Ion Ratio Lower Upper

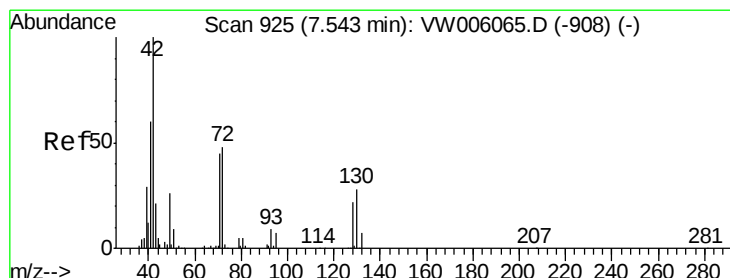
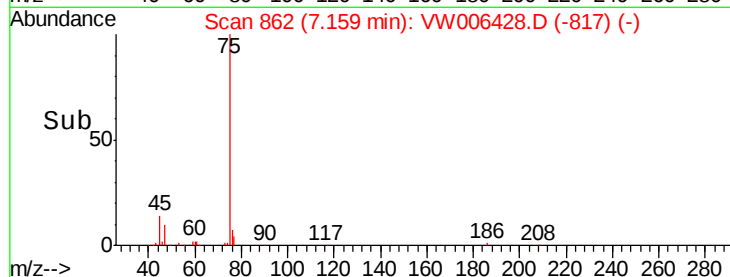
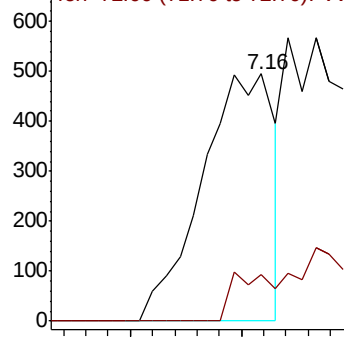
43 100

72 18.8 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.039 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

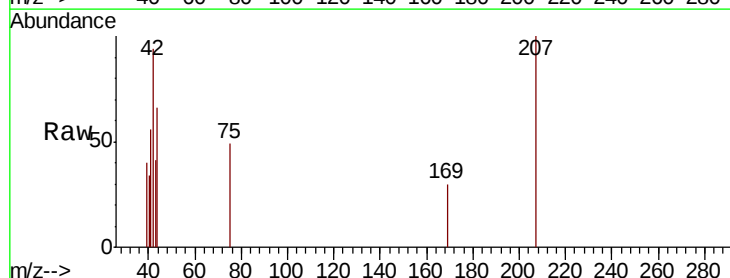
Tgt Ion: 42 Resp: 403

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

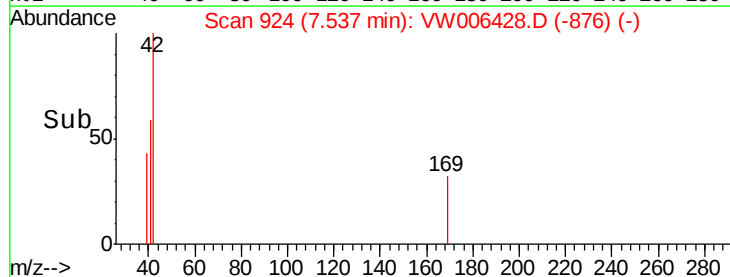
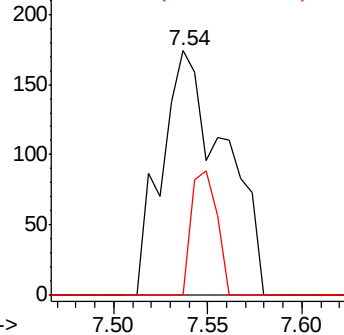
71 20.6 35.3 52.9#

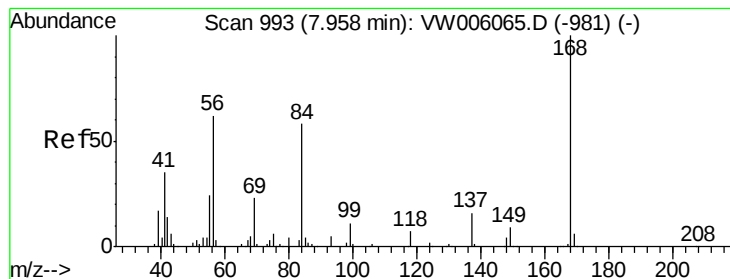


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

AOC1-03BRE

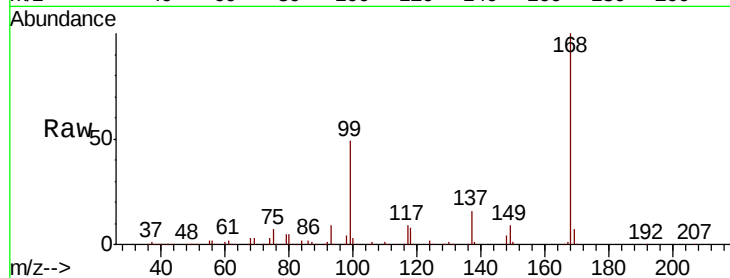
Tgt Ion: 56 Resp: 4747

Ion Ratio Lower Upper

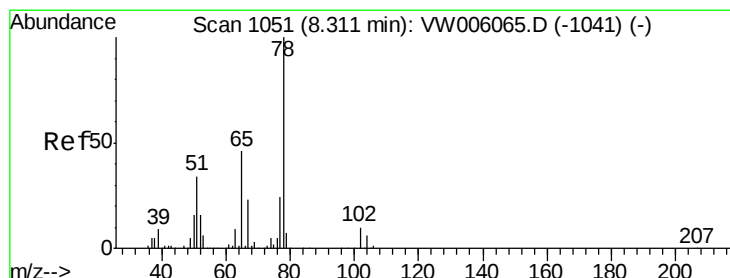
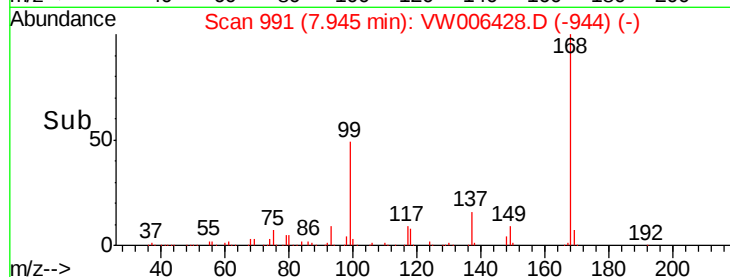
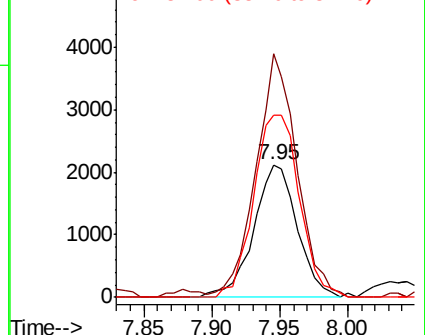
56 100

69 179.6 29.4 44.0#

84 137.4 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.204 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006428.D

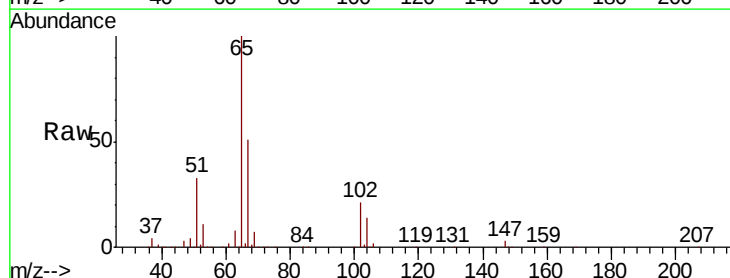
Acq: 27 Oct 2018 03:33

Tgt Ion: 65 Resp: 126669

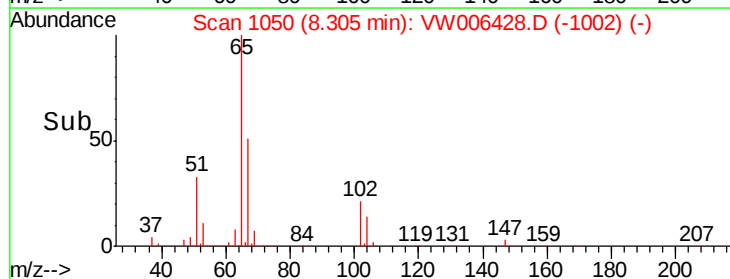
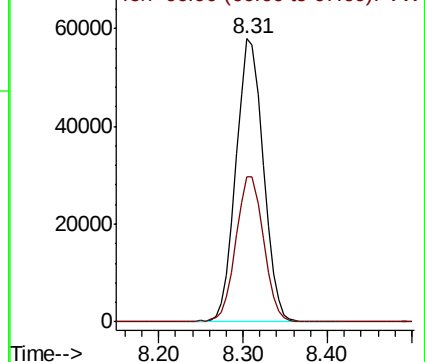
Ion Ratio Lower Upper

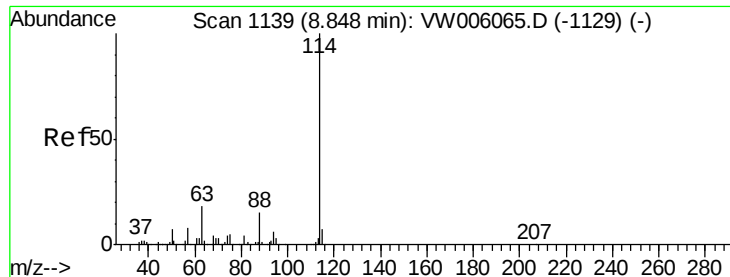
65 100

67 52.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

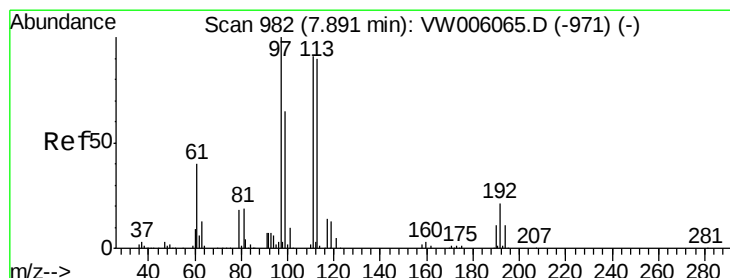
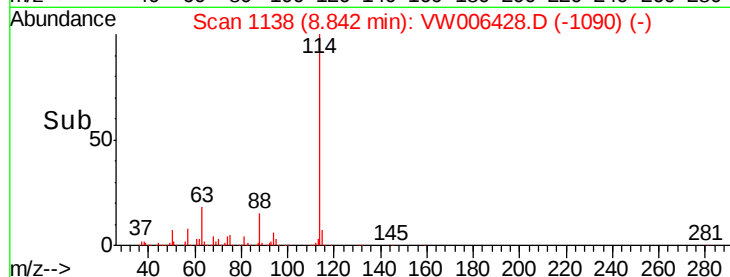
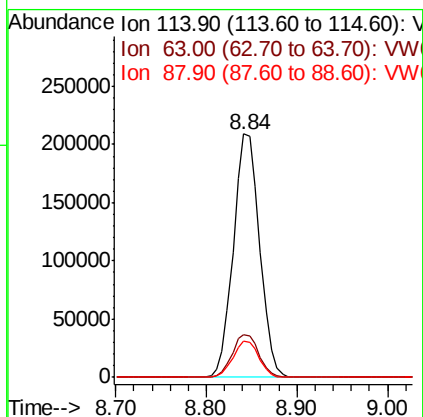
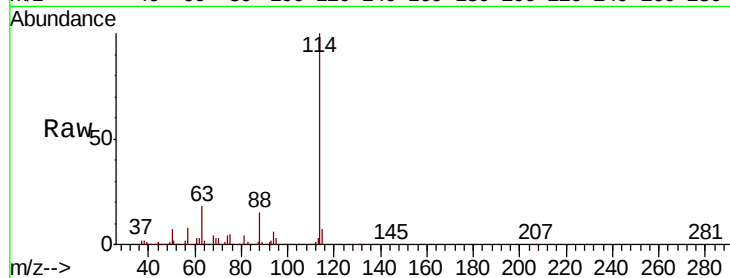




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006428.D
 Acq: 27 Oct 2018 03:33

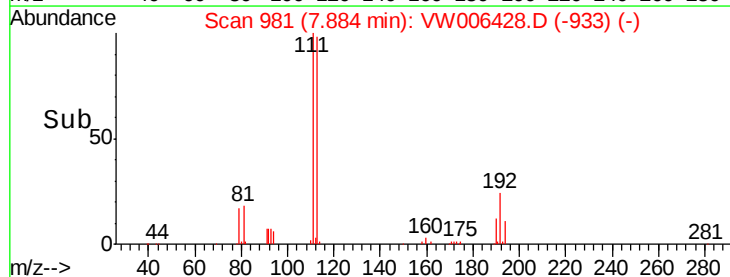
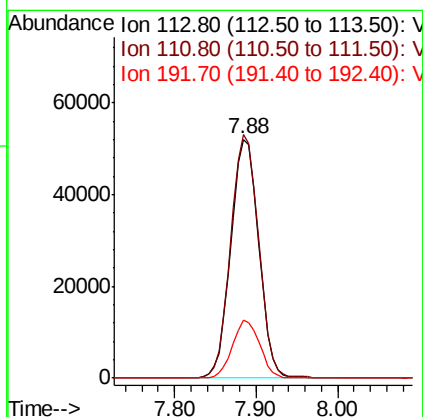
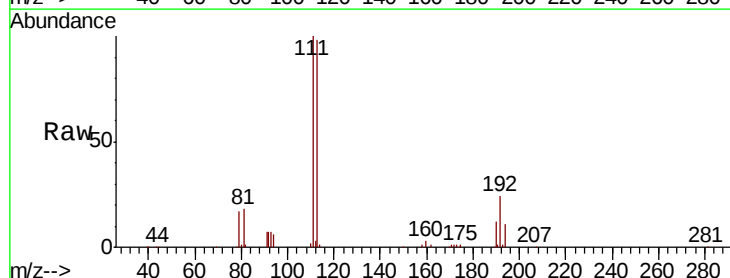
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-03BRE

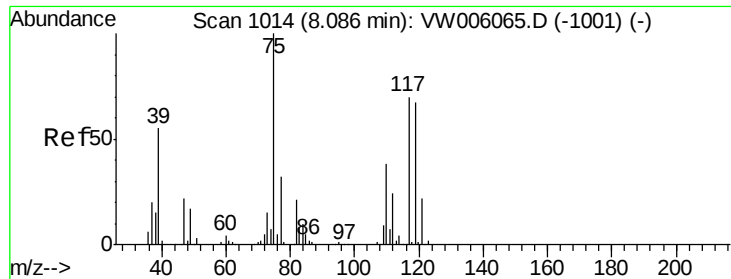
Tgt Ion:114 Resp: 419457
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 15.0 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 49.541 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006428.D
 Acq: 27 Oct 2018 03:33

Tgt Ion:113 Resp: 122791
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.6 18.7 28.1

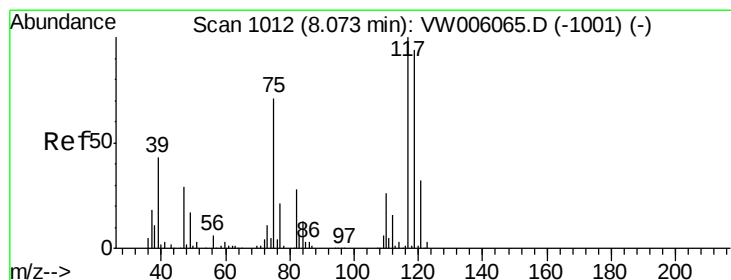
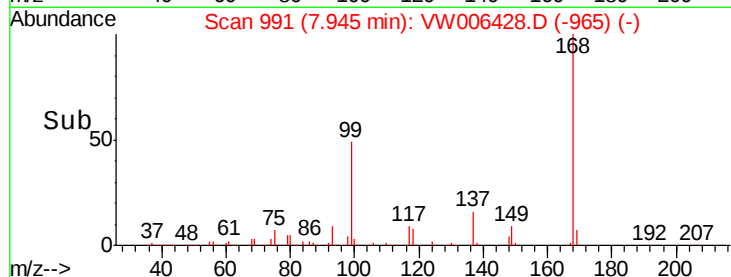
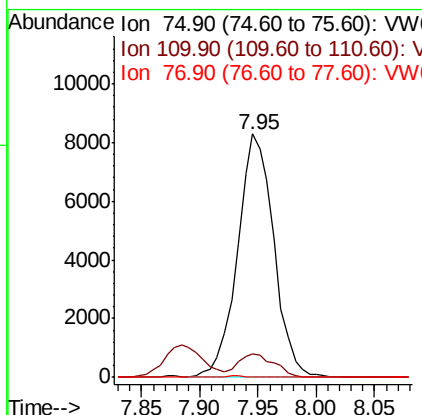
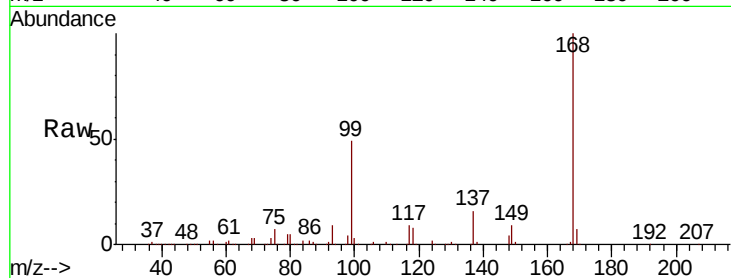




#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006428.D
 Acq: 27 Oct 2018 03:33

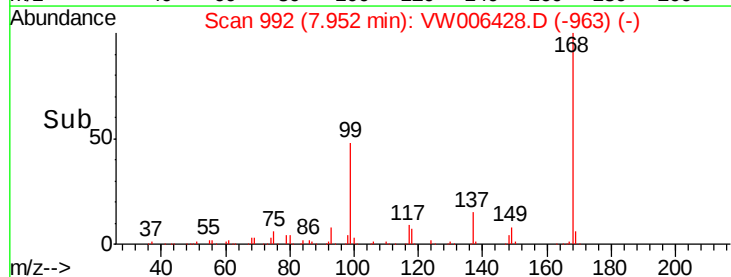
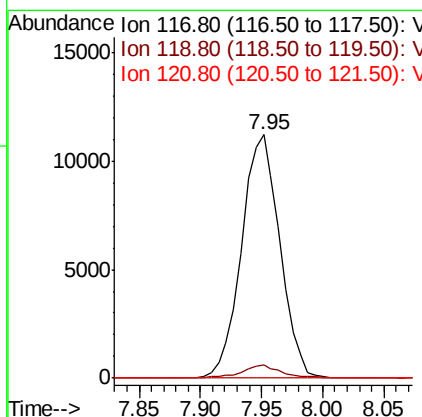
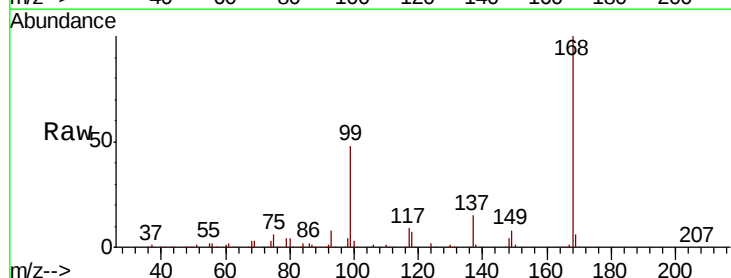
Instrument :
 MSVOA_W
 ClientSampled :
 AOC1-03BRE

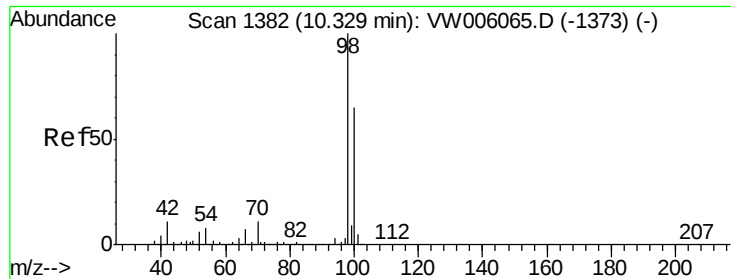
Tgt Ion: 75 Resp: 17971
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.1#
 77 0.2 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.759 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006428.D
 Acq: 27 Oct 2018 03:33

Tgt Ion: 117 Resp: 24410
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.674 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

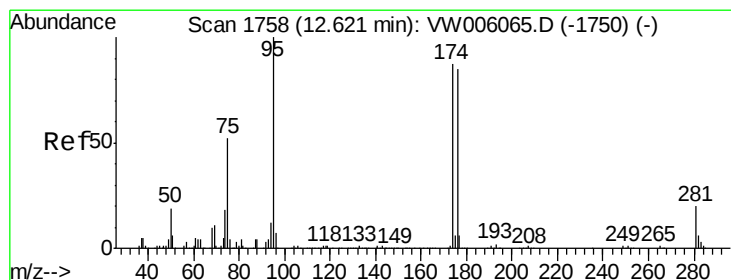
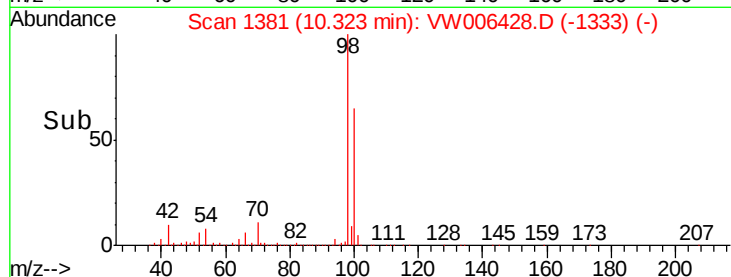
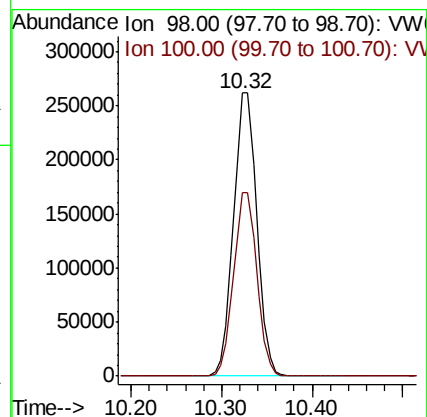
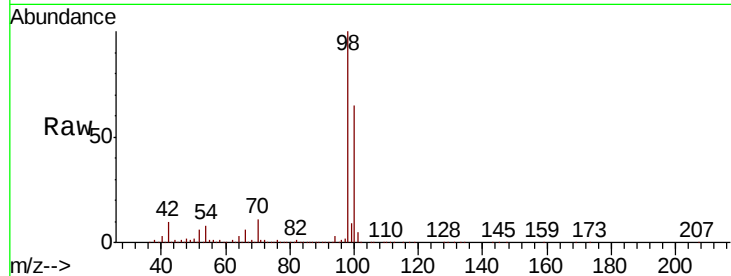
AOC1-03BRE

Tgt Ion: 98 Resp: 468414

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.081 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

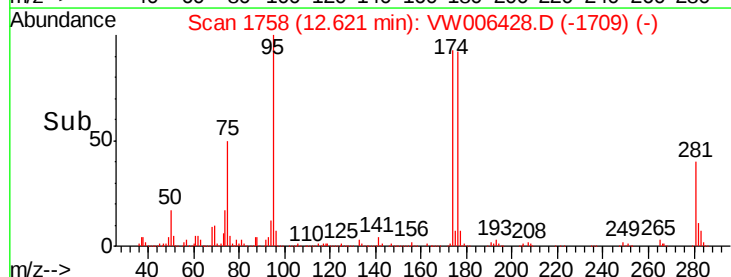
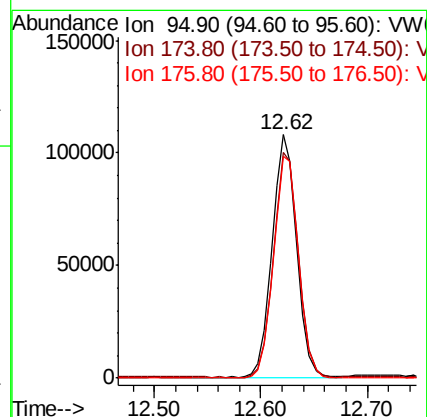
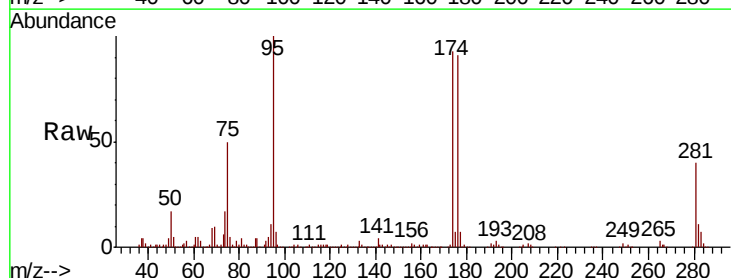
Tgt Ion: 95 Resp: 173828

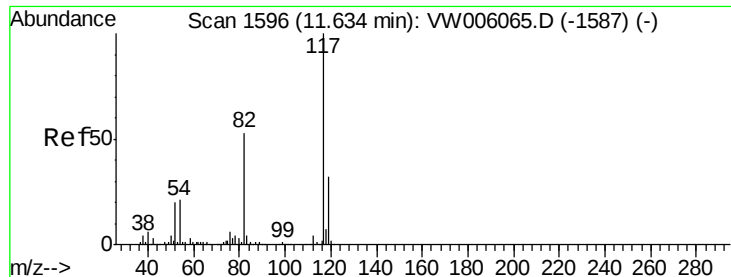
Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 92.9 0.0 181.6

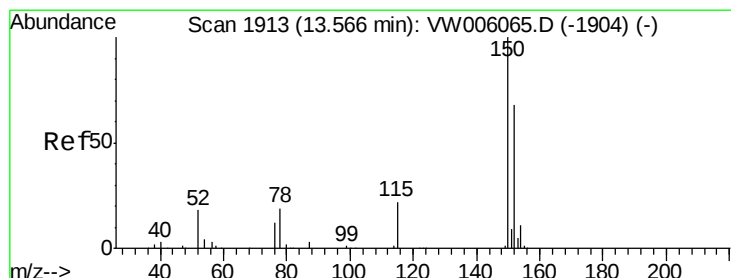
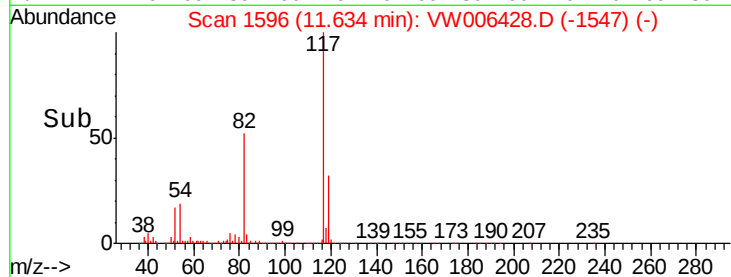
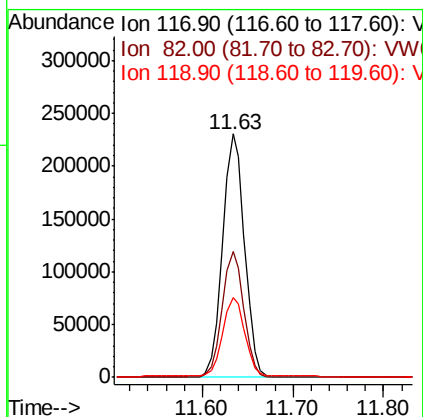
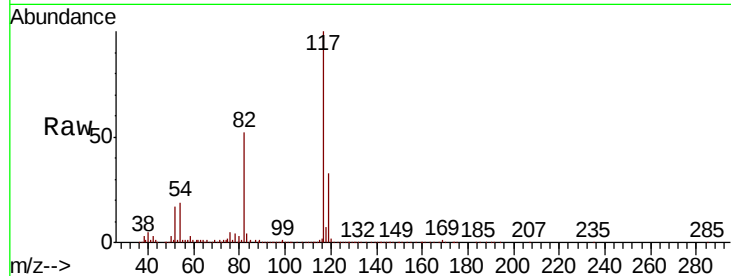




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006428.D
Acq: 27 Oct 2018 03:33

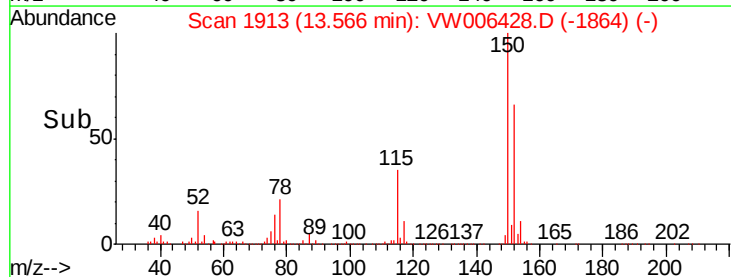
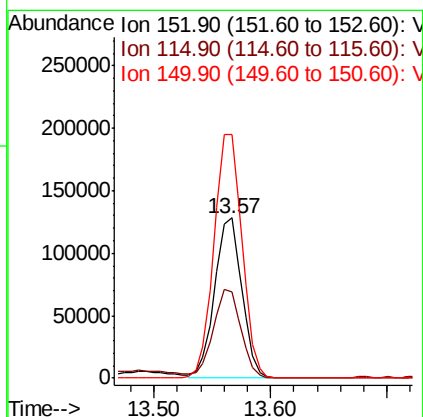
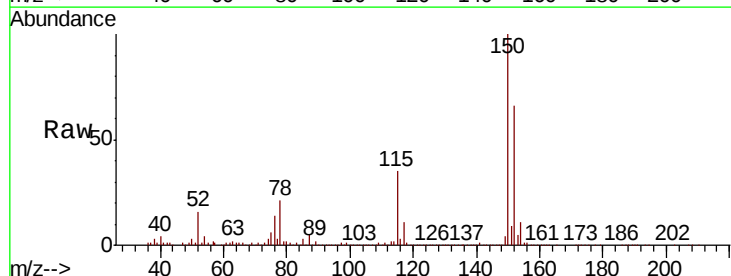
Instrument :
MSVOA_W
ClientSampleId :
AOC1-03BRE

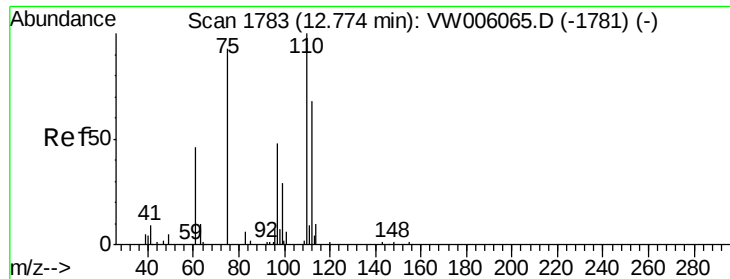
Tgt Ion:117 Resp: 387090
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006428.D
Acq: 27 Oct 2018 03:33

Tgt Ion:152 Resp: 206344
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.3
150 156.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 53.818 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

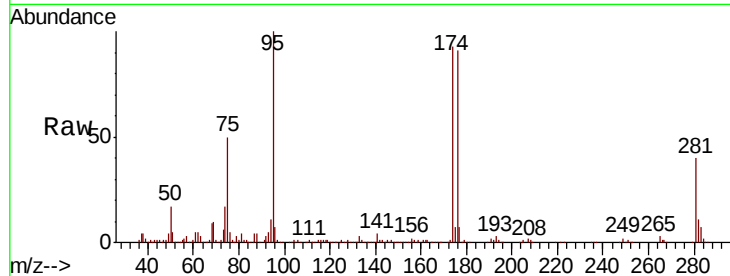
AOC1-03BRE

Tgt Ion: 75 Resp: 84821

Ion Ratio Lower Upper

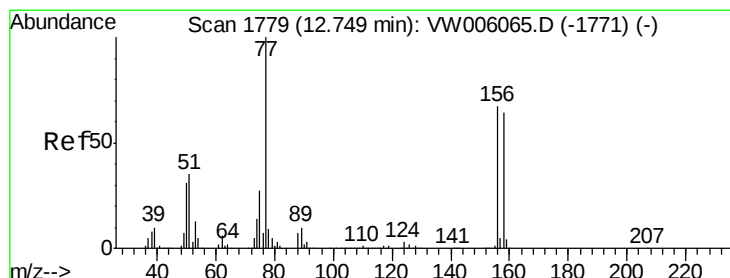
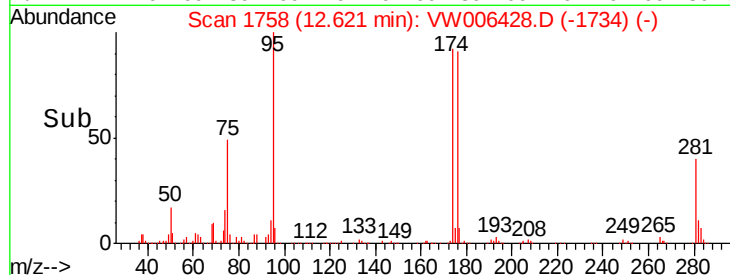
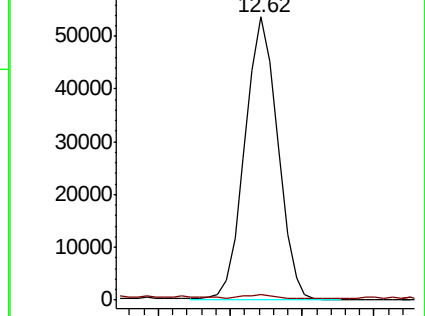
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 82.575 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.19 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

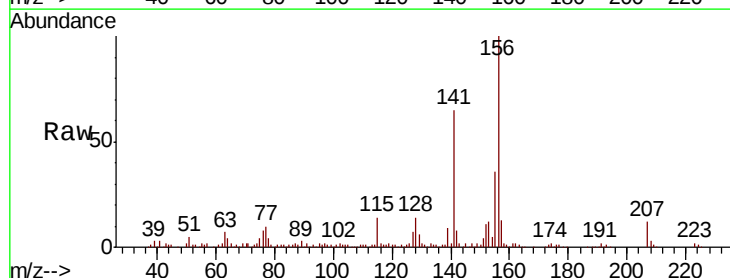
Tgt Ion: 156 Resp: 294836

Ion Ratio Lower Upper

156 100

77 6.3 79.1 237.4#

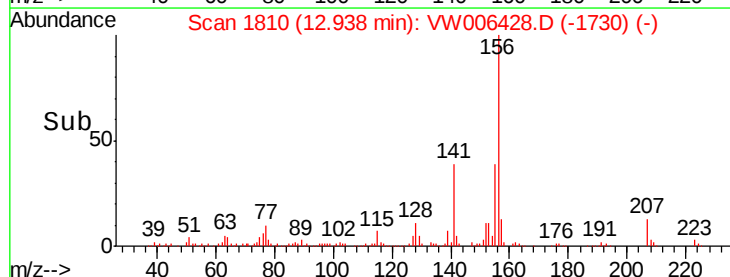
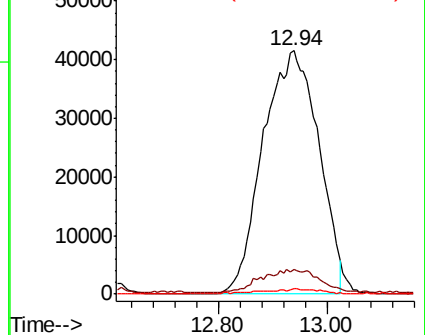
158 1.6 48.5 145.6#

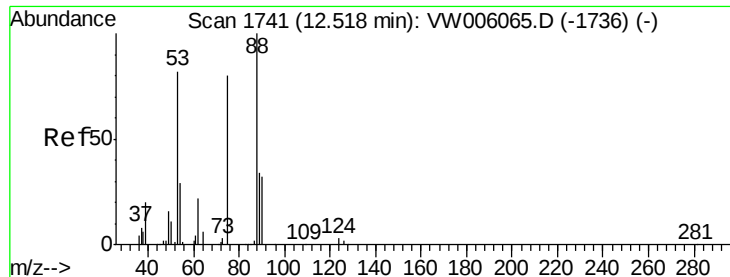


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.647 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006428.D

Acq: 27 Oct 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

AOC1-03BRE

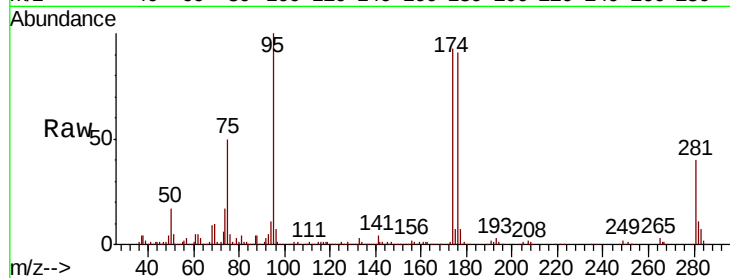
Tgt Ion: 75 Resp: 84821

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

