

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007538.D
 Acq On : 14 Dec 2018 16:25
 Operator : SY/AP
 Sample : J6357-04RE
 Misc : 5.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07ARE

Quant Time: Dec 15 00:42:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20951	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	39521	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	7.88	113	36114	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.32	98	120547	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.62	95	29229	29.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.42%	

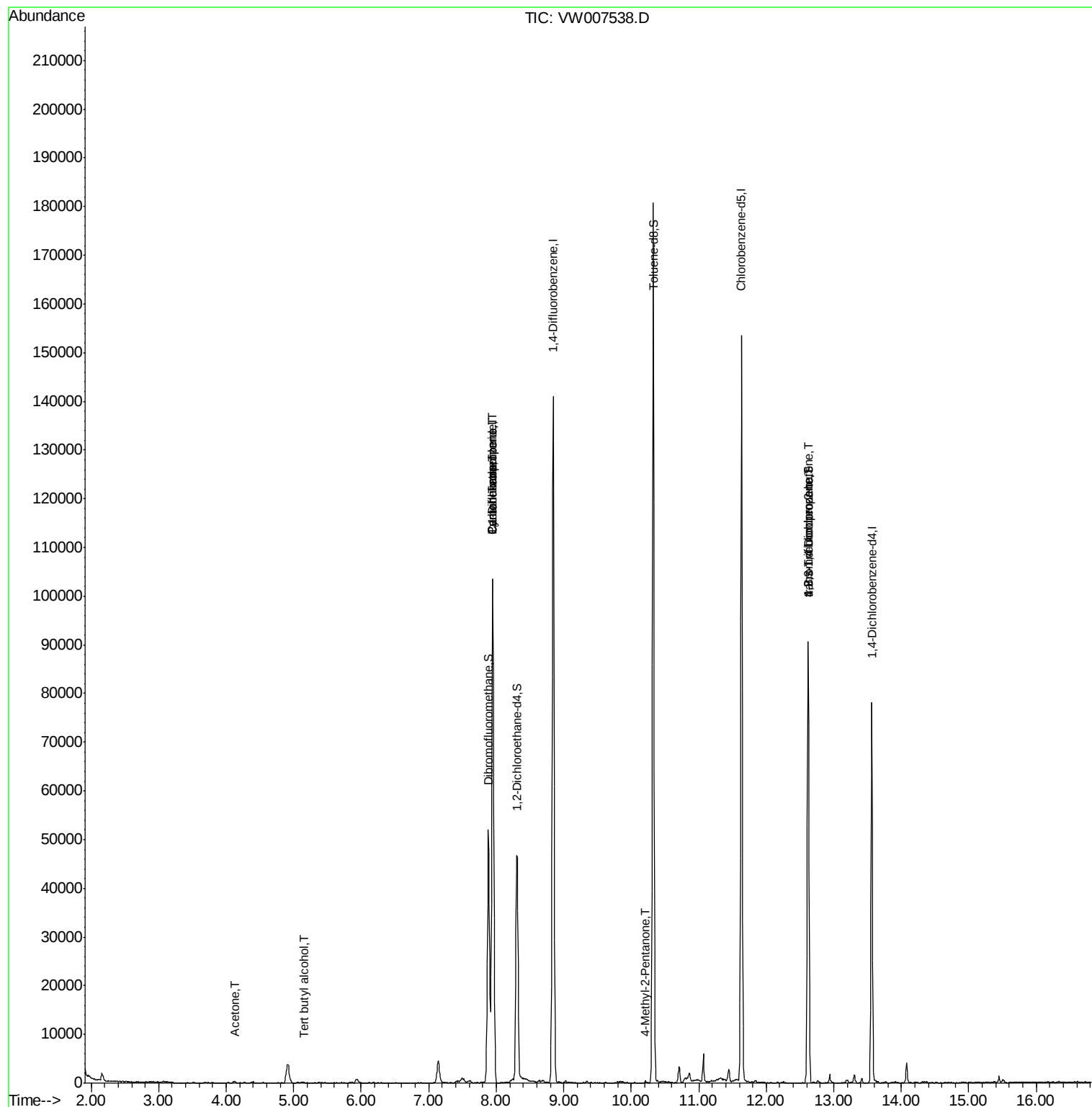
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	88	1.539	ug/l #	74
16) Acetone	4.12	43	633	4.354	ug/l #	82
20) Methylene Chloride	4.92	84	3058	Below Cal	#	86
31) Cyclohexane	7.95	56	1641	1.269	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	5902	5.396	ug/l #	51
38) Carbon Tetrachloride	7.95	117	7952	6.681	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	472	1.243	ug/l #	75
76) 1,2,3-Trichloropropane	12.62	75	15017	86.931	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15017	192.030	ug/l #	7

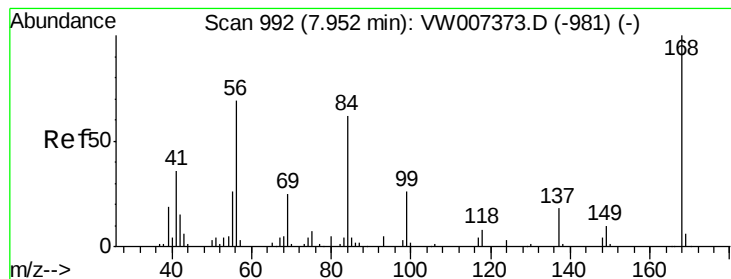
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

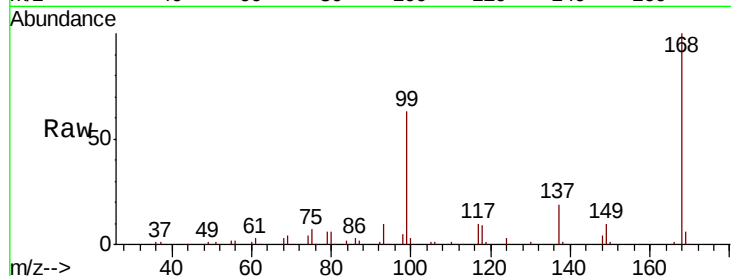
SB-07ARE

Tgt Ion: 168 Resp: 75028

Ion Ratio Lower Upper

168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

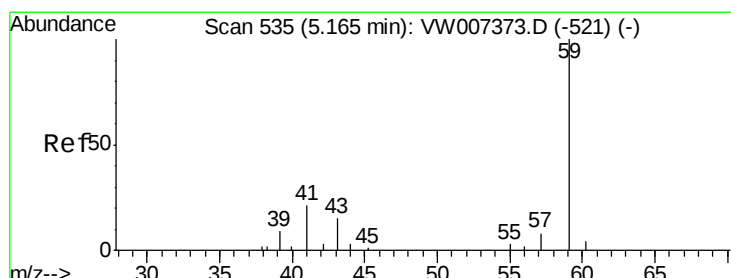
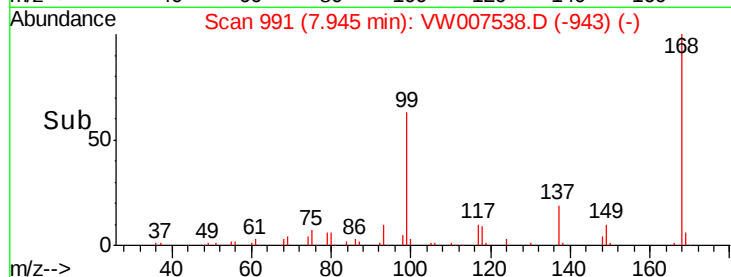
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.539 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007538.D

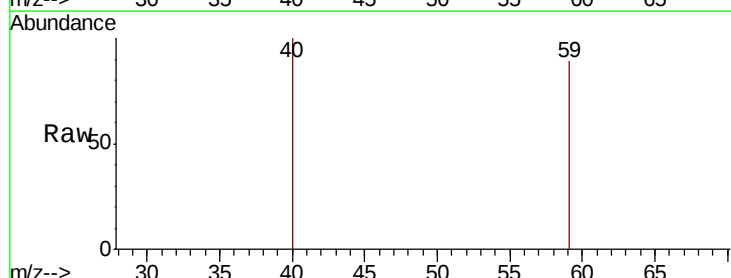
Acq: 14 Dec 2018 16:25

Tgt Ion: 59 Resp: 88

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

80

60

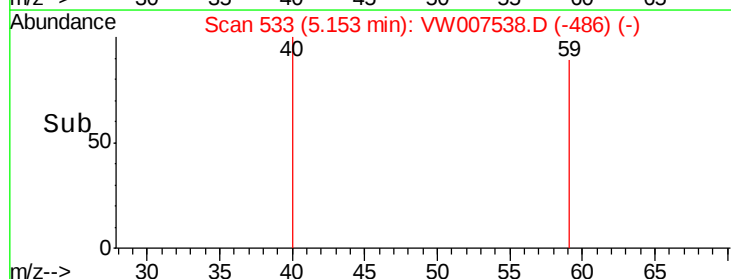
40

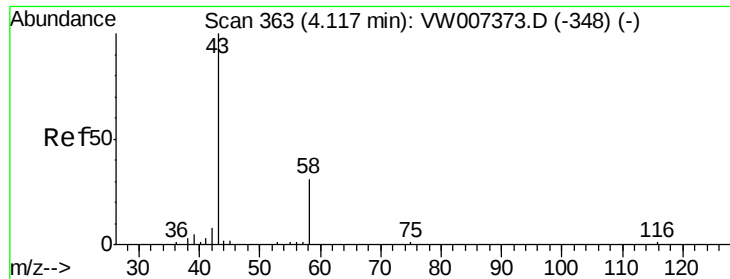
20

0

Time-->

5.12 5.14 5.16 5.18





#16

Acetone

Concen: 4.354 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

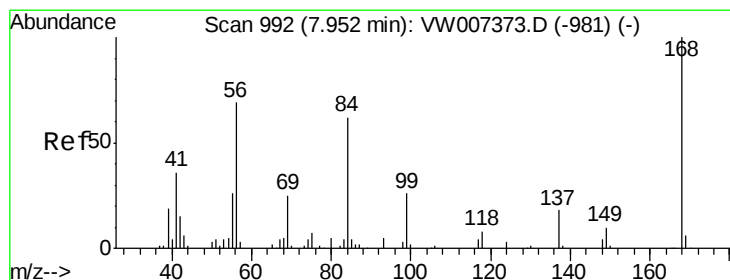
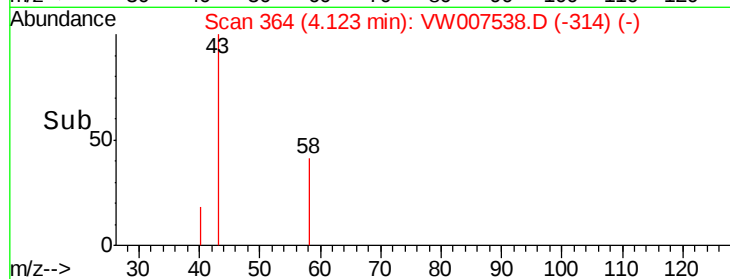
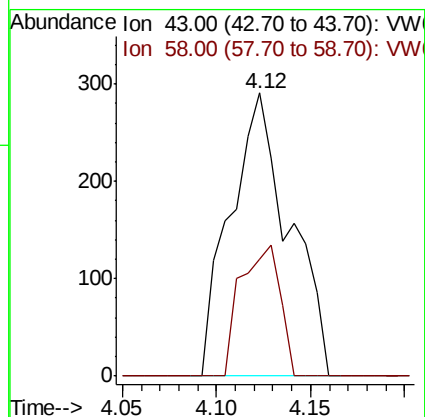
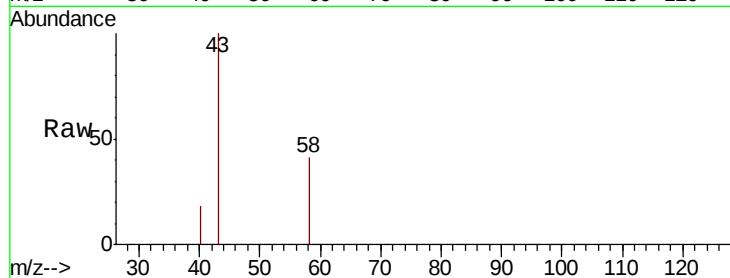
SB-07ARE

Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 41.2 24.9 37.3#



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

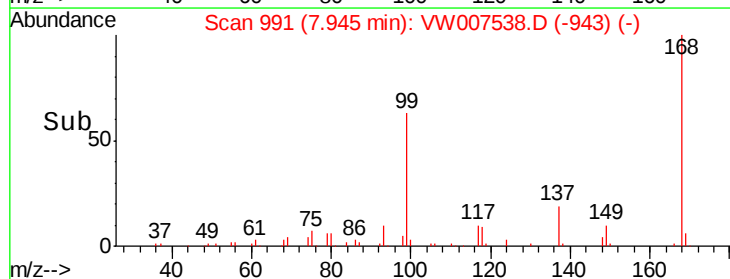
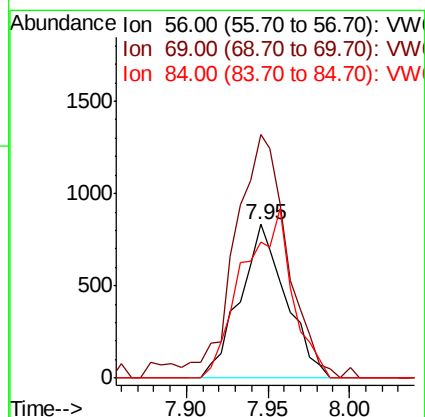
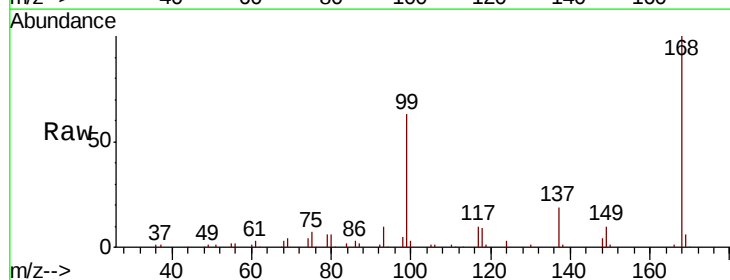
Tgt Ion: 56 Resp: 1641

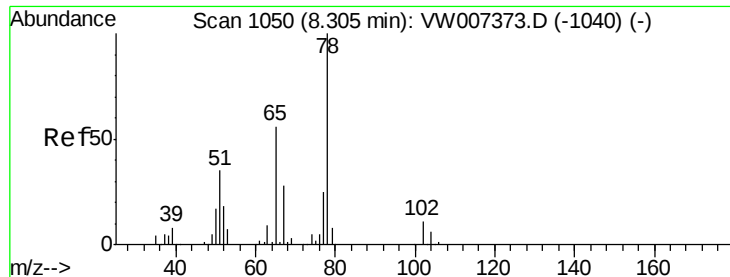
Ion Ratio Lower Upper

56 100

69 158.2 28.9 43.3#

84 88.0 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 47.480 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

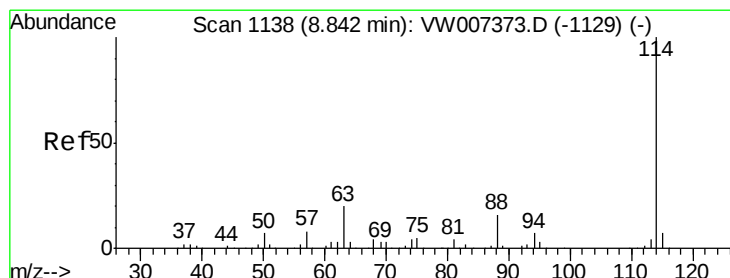
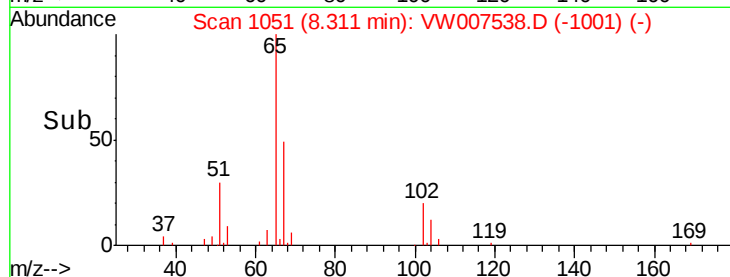
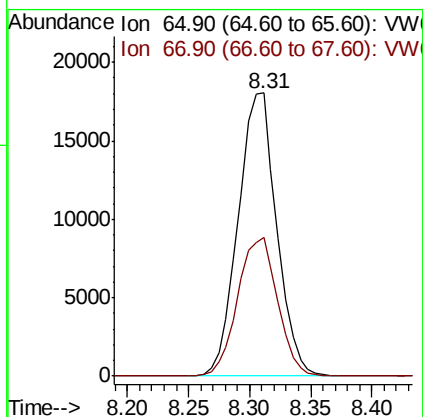
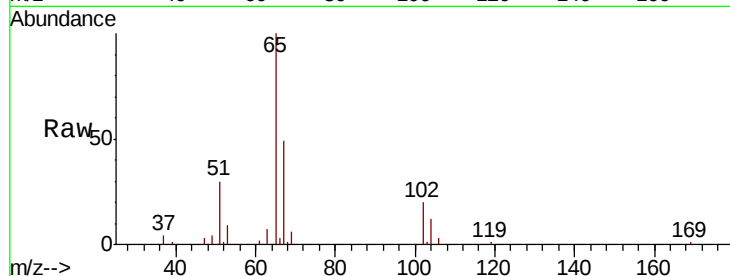
SB-07ARE

Tgt Ion: 65 Resp: 39521

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

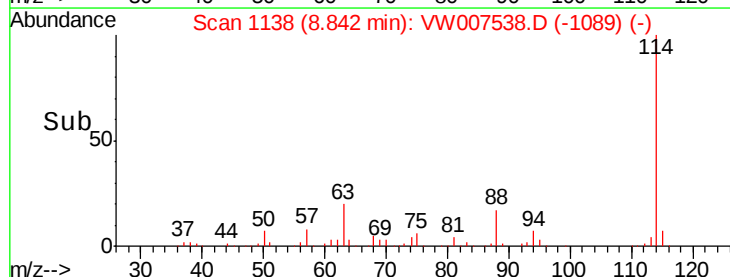
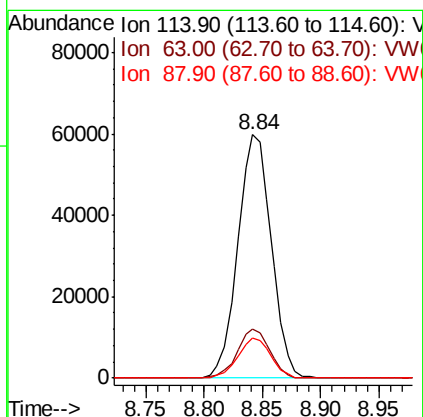
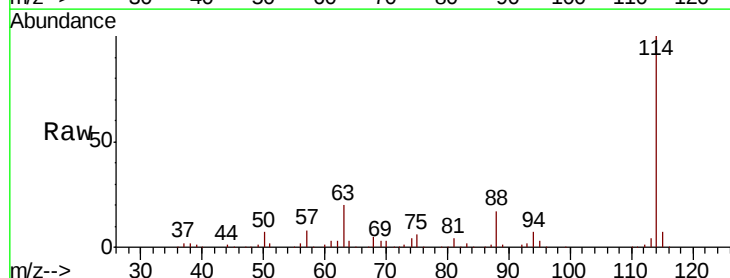
Tgt Ion: 114 Resp: 119907

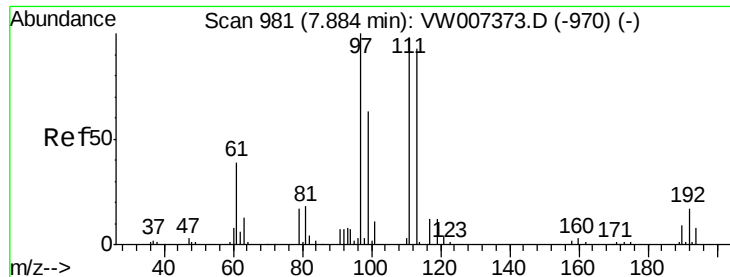
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.754 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

SB-07ARE

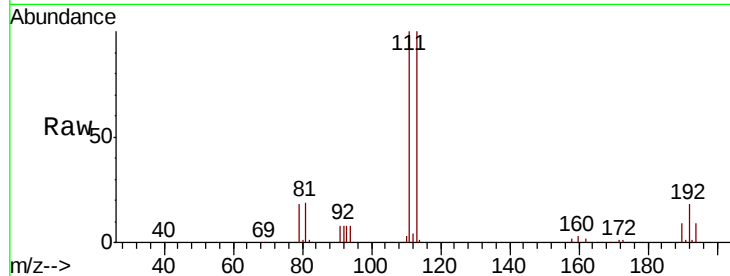
Tgt Ion:113 Resp: 36114

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

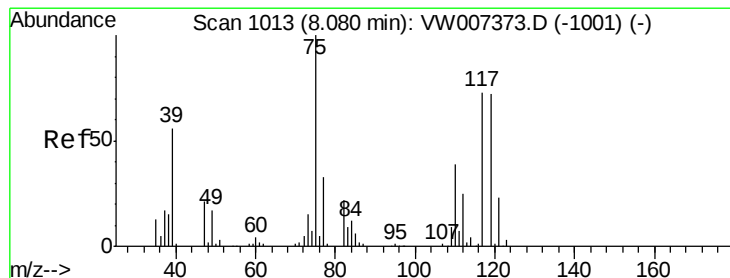
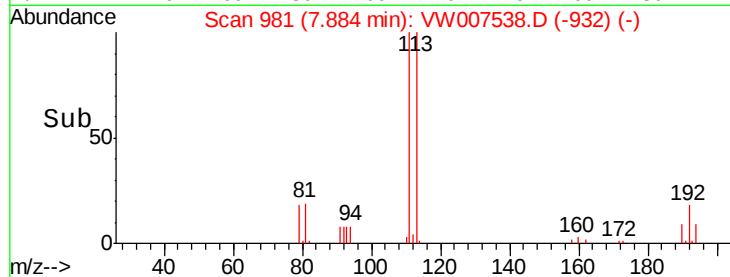
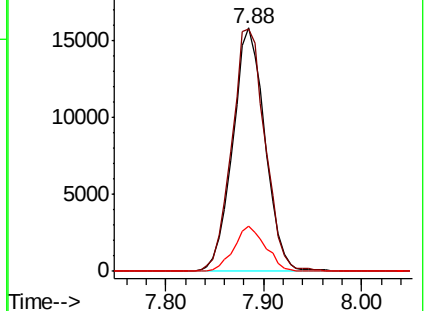
192 18.1 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 5.396 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

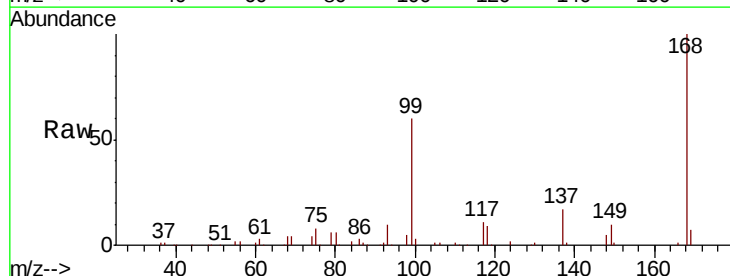
Tgt Ion: 75 Resp: 5902

Ion Ratio Lower Upper

75 100

110 12.2 18.5 55.5#

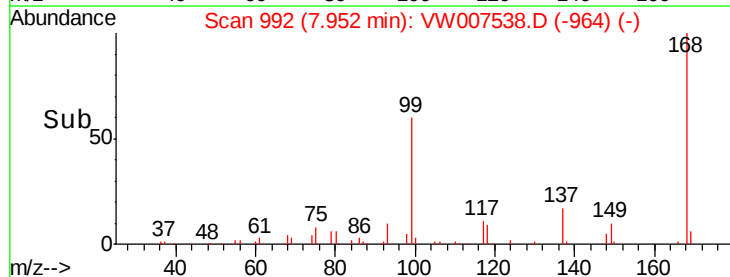
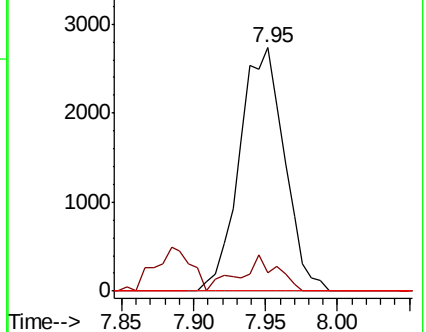
77 0.0 25.6 38.4#

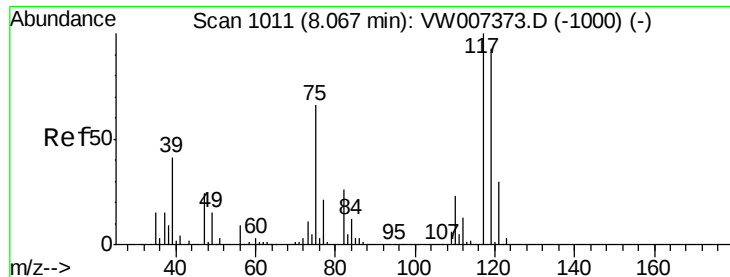


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

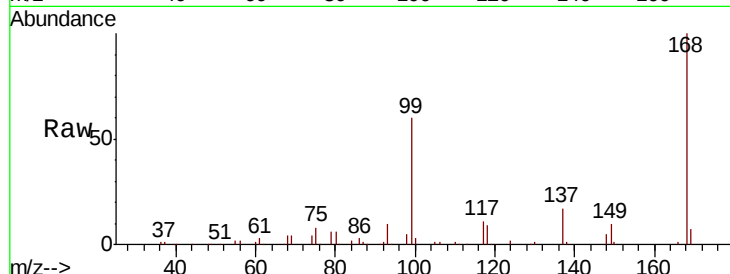




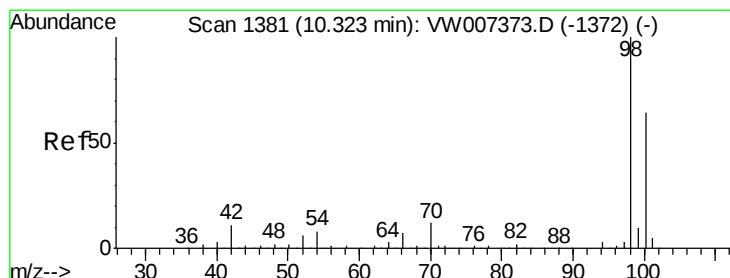
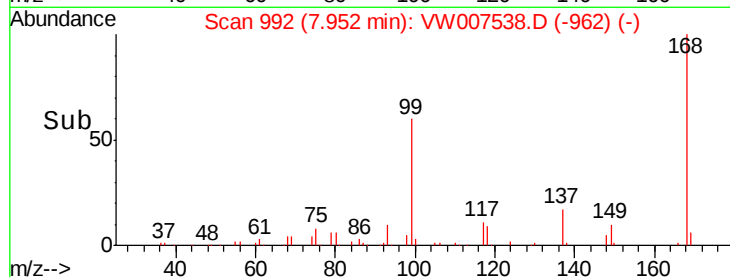
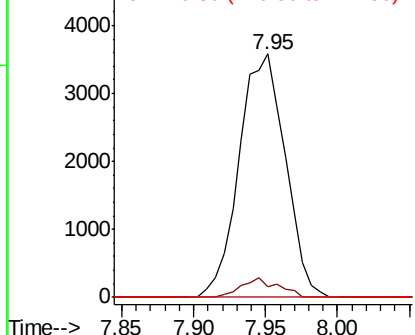
#38
Carbon Tetrachloride
Concen: 6.681 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007538.D
Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
SB-07ARE

Tgt Ion: 117 Resp: 7952
Ion Ratio Lower Upper
117 100
119 4.5 74.3 111.5#
121 0.0 24.3 36.5#

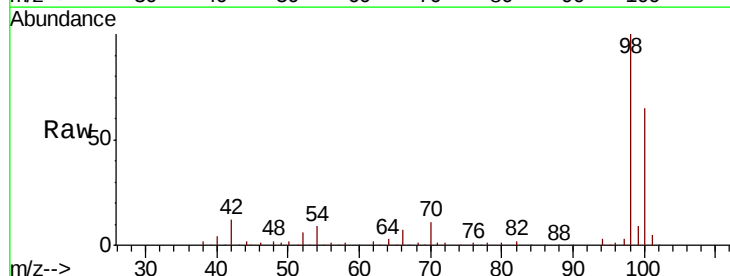


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

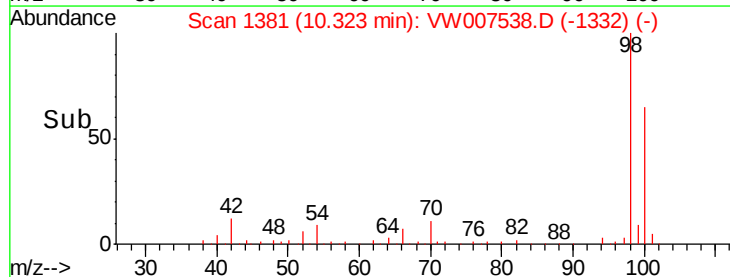
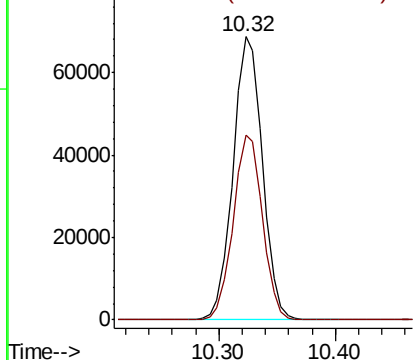


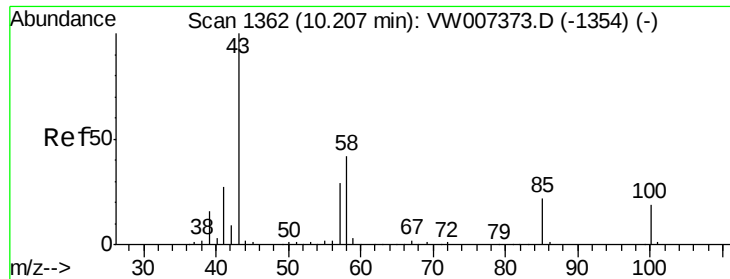
#50
Toluene-d8
Concen: 44.294 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007538.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 98 Resp: 120547
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.243 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

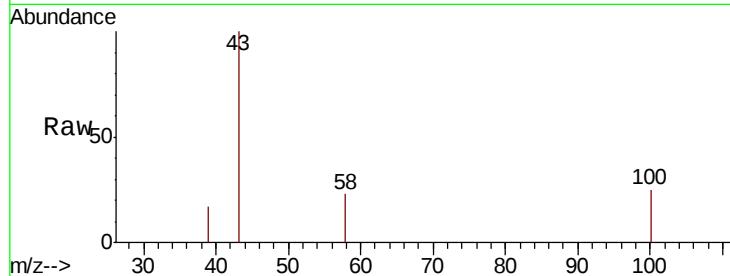
SB-07ARE

Tgt Ion: 43 Resp: 472

Ion Ratio Lower Upper

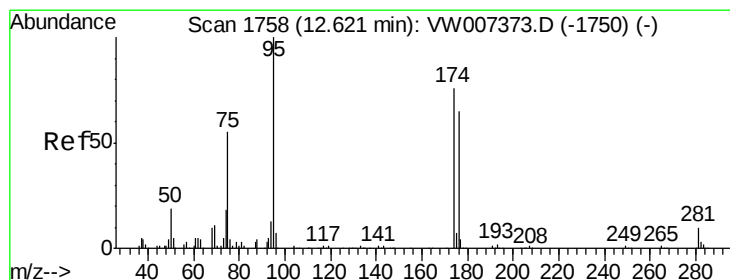
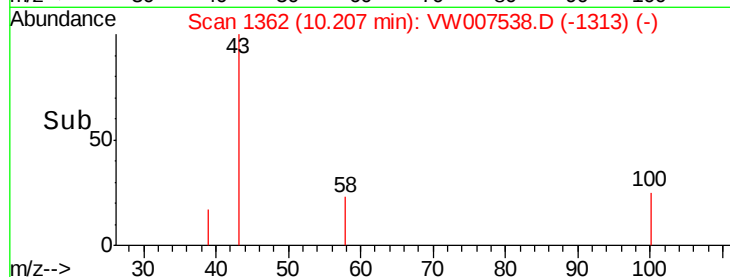
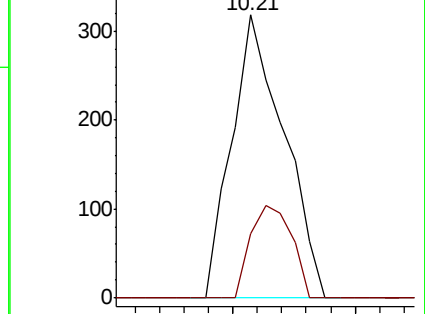
43 100

58 25.8 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 29.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

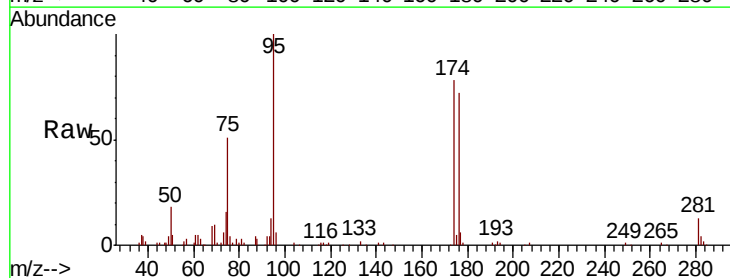
Tgt Ion: 95 Resp: 29229

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

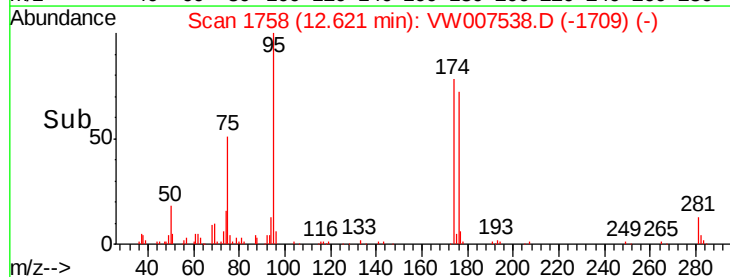
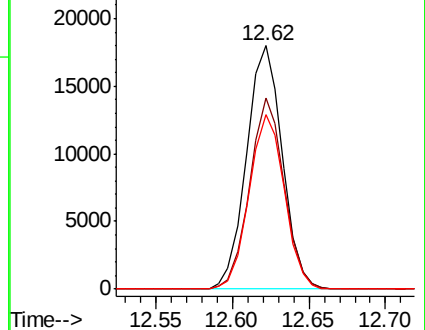
176 70.8 0.0 138.8

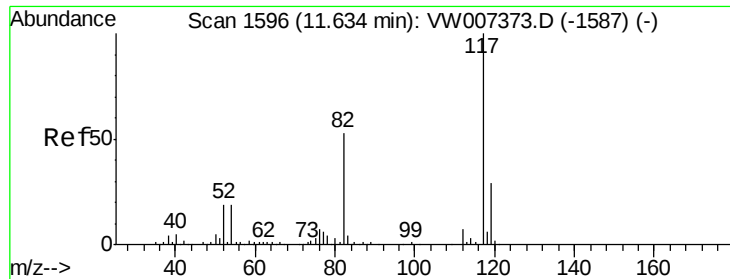


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

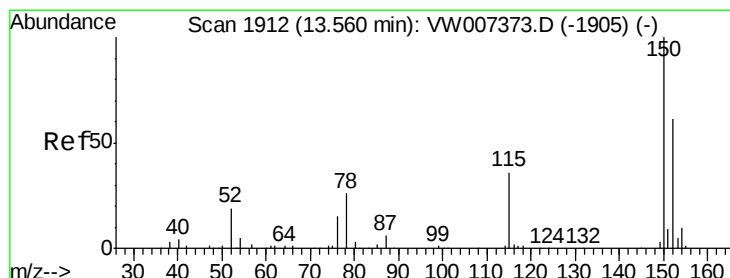
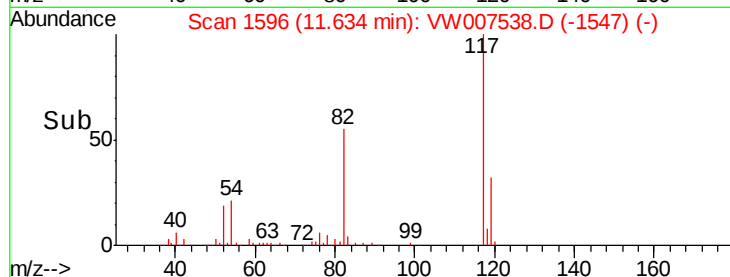
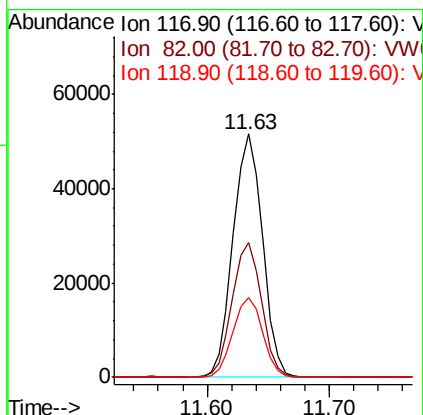
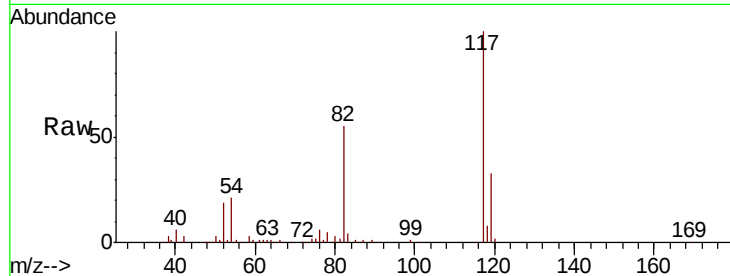




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007538.D
Acq: 14 Dec 2018 16:25

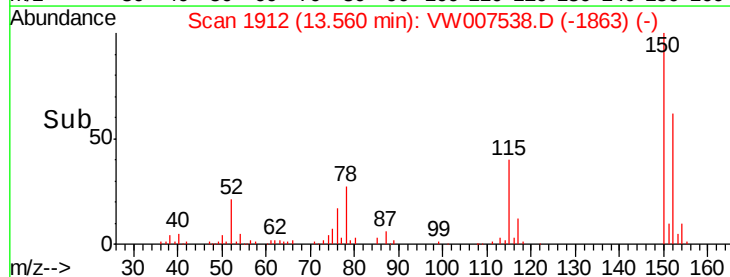
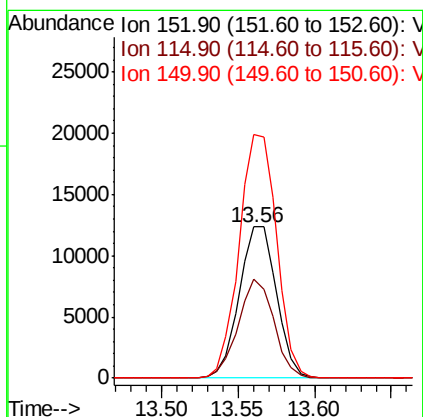
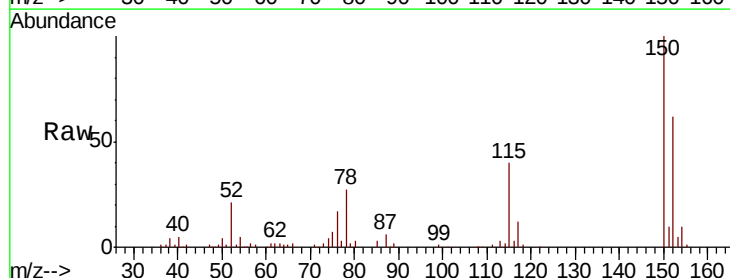
Instrument :
MSVOA_W
ClientSampleId :
SB-07ARE

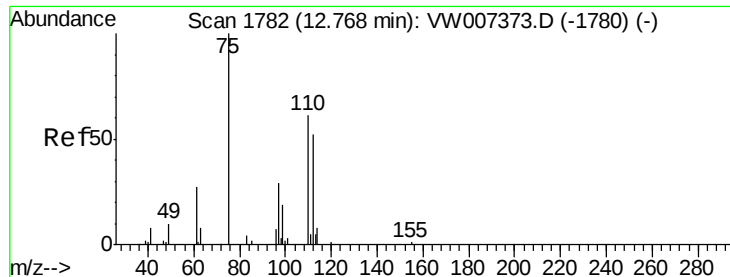
Tgt Ion:117 Resp: 86107
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 32.3 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007538.D
Acq: 14 Dec 2018 16:25

Tgt Ion:152 Resp: 20951
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 161.8 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 86.931 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_W

ClientSampled :

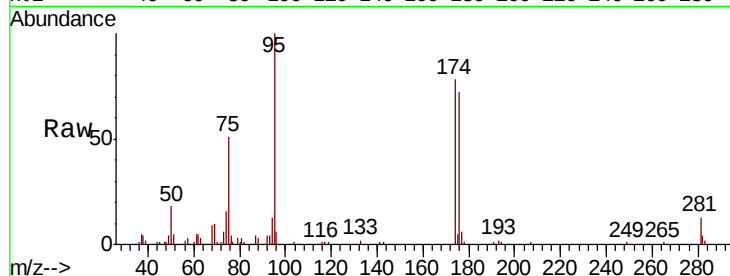
SB-07ARE

Tgt Ion: 75 Resp: 15017

Ion Ratio Lower Upper

75 100

77 1.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

10000

8000

6000

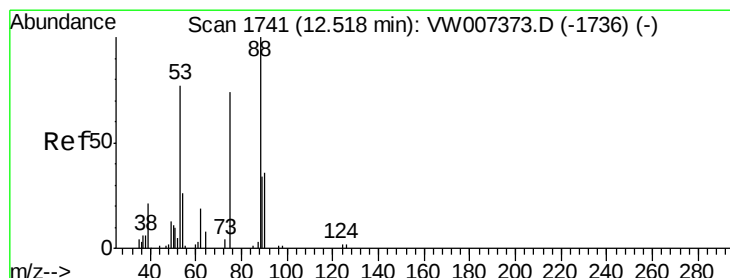
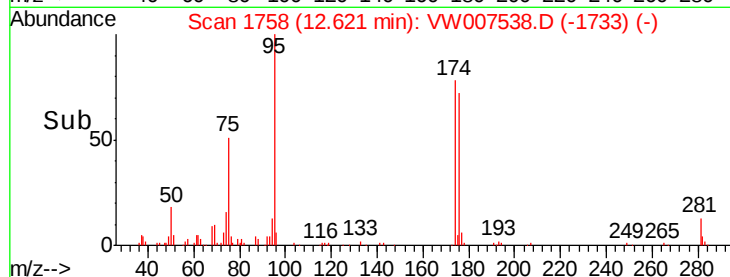
4000

2000

0

Time-->

12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 192.030 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007538.D

Acq: 14 Dec 2018 16:25

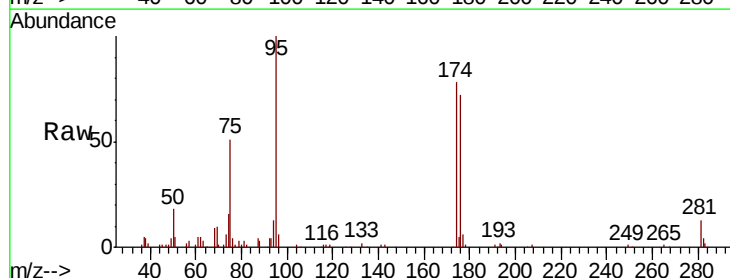
Tgt Ion: 75 Resp: 15017

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

12000

10000

8000

6000

4000

2000

0

Time-->

12.55 12.60 12.65 12.70

