

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007527.D
 Acq On : 14 Dec 2018 11:41
 Operator : SY/AP
 Sample : J6322-10
 Misc : 7.73G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-2-120718

Quant Time: Dec 14 12:47:03 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	75612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	35844	42.73	ug/l	0.00
Spiked Amount						
				Recovery	=	85.46%
35) Dibromofluoromethane	7.88	113	33126	45.73	ug/l	0.00
Spiked Amount						
				Recovery	=	91.46%
50) Toluene-d8	10.32	98	27789	10.23	ug/l	0.00
Spiked Amount						
				Recovery	=	20.46%
62) 4-Bromofluorobenzene	12.62	95	40331	40.39	ug/l	0.00
Spiked Amount						
				Recovery	=	80.78%

Target Compounds

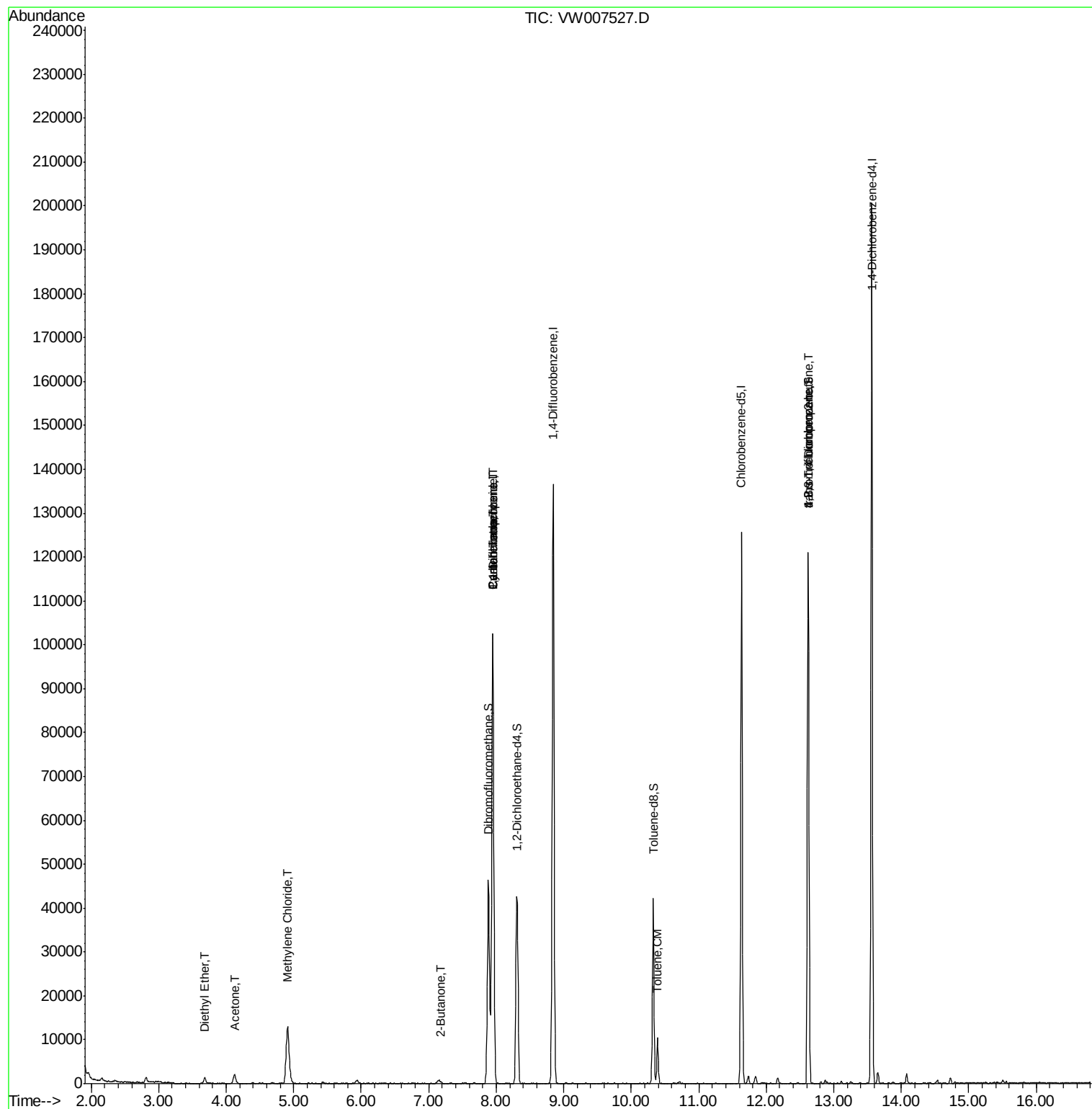
						Qvalue
8) Diethyl Ether	3.68	74	761	2.083	ug/l	88
16) Acetone	4.13	43	3607	24.617	ug/l	94
20) Methylene Chloride	4.91	84	10706	10.246	ug/l	94
25) 2-Butanone	7.17	43	388	2.028	ug/l #	45
31) Cyclohexane	7.95	56	1586	1.217	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5814	5.326	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8160	6.870	ug/l #	17
52) Toluene	10.39	92	4295	2.191	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	20531	47.583	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20531	105.112	ug/l #	7

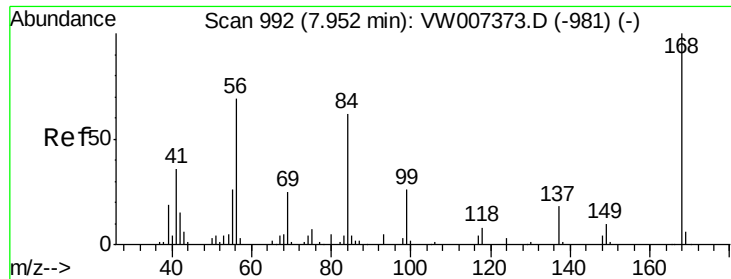
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 992

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

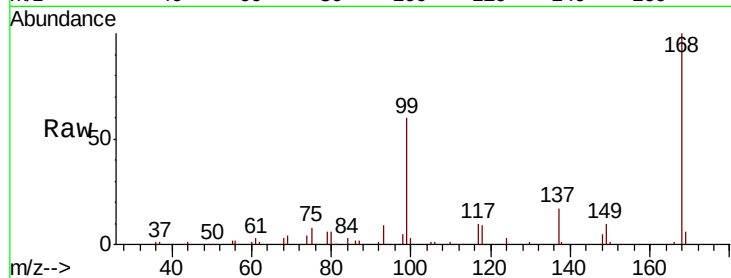
SUP-2A-G-2-120718

Tot Ion:168 Resp: 75612

Ion Ratio Lower Upper

168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

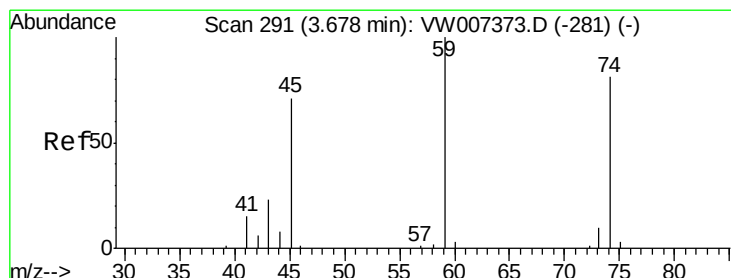
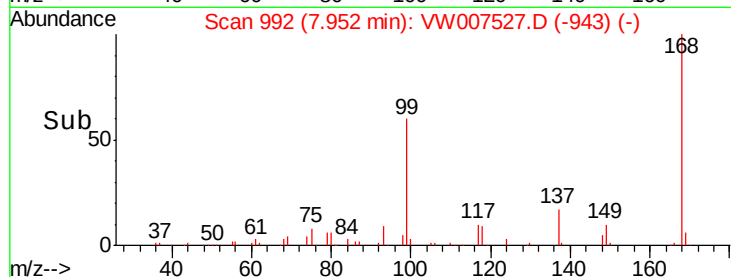
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 2.083 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007527.D

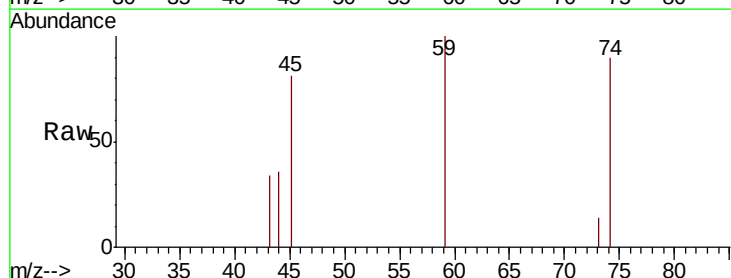
Acq: 14 Dec 2018 11:41

Tgt Ion: 74 Resp: 761

Ion Ratio Lower Upper

74 100

45 96.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

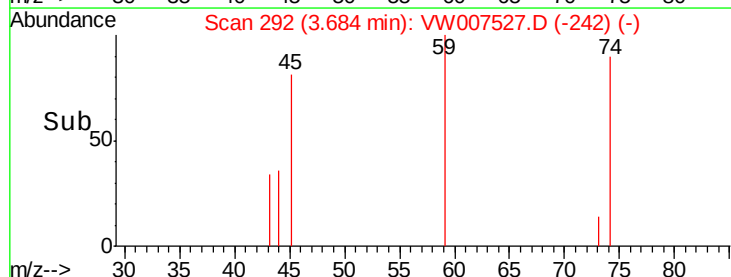
200

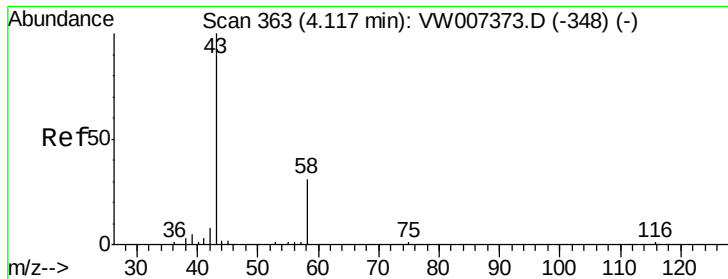
100

0

3.65 3.70

Time-->





#16

Acetone

Concen: 24.617 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

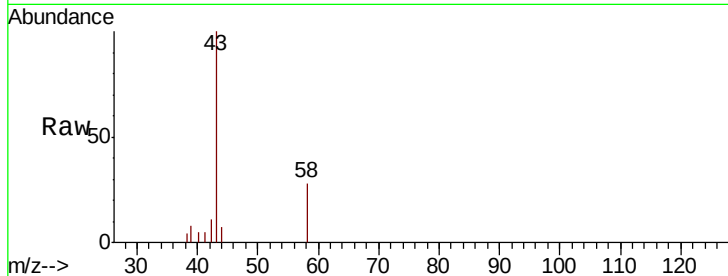
SUP-2A-G-2-120718

Tot Ion: 43 Resp: 3607

Ion Ratio Lower Upper

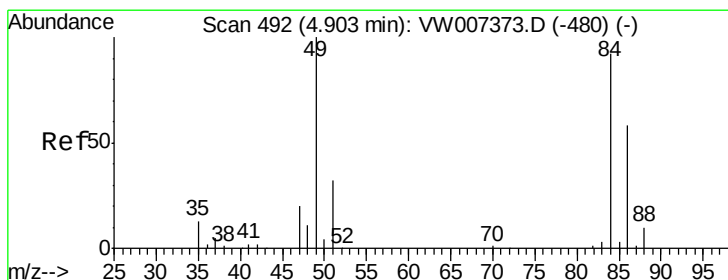
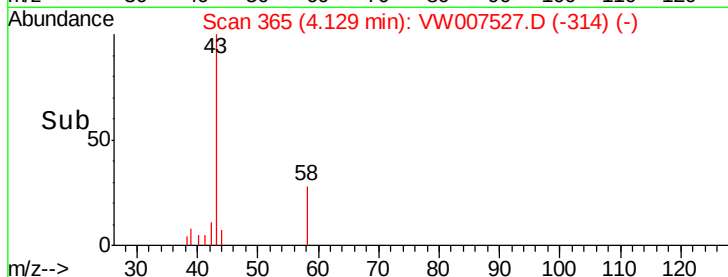
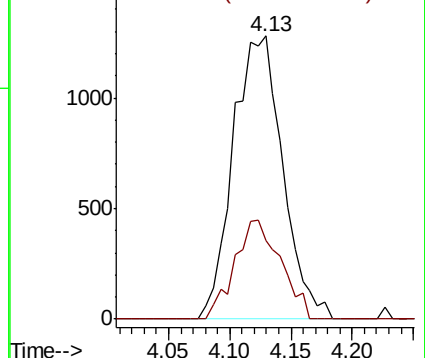
43 100

58 28.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 10.246 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Tgt Ion: 84 Resp: 10706

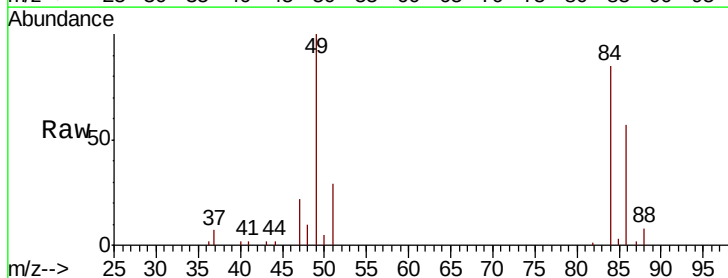
Ion Ratio Lower Upper

84 100

49 117.9 87.1 130.7

51 34.4 28.2 42.2

86 67.2 50.8 76.2

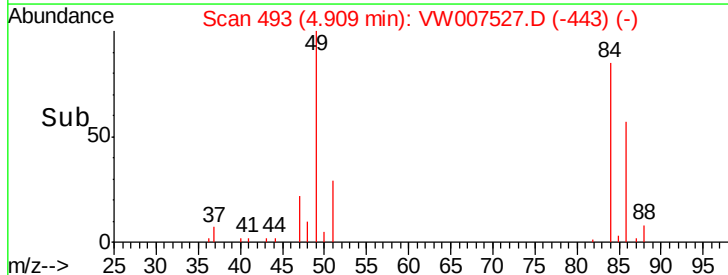
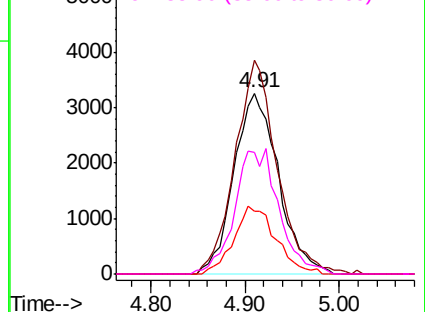


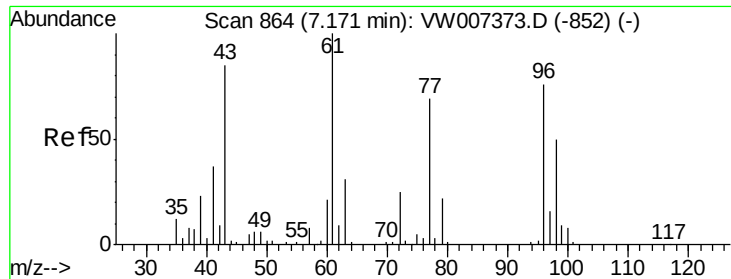
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 2.028 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

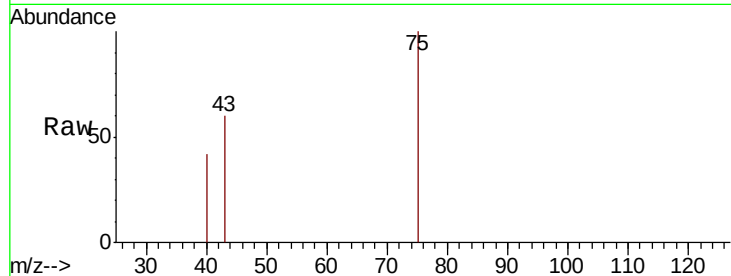
SUP-2A-G-2-120718

Tot Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

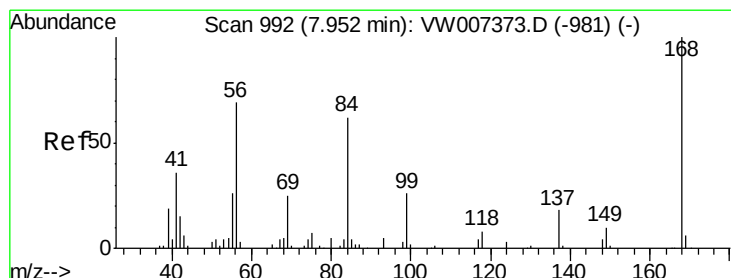
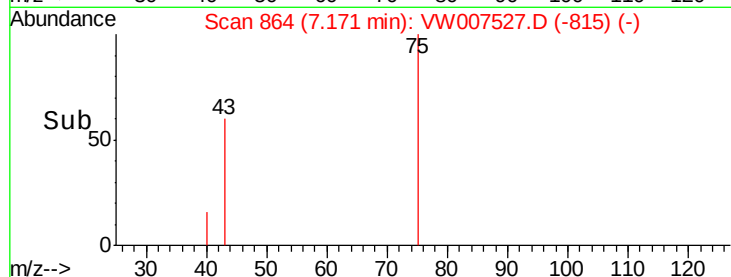
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

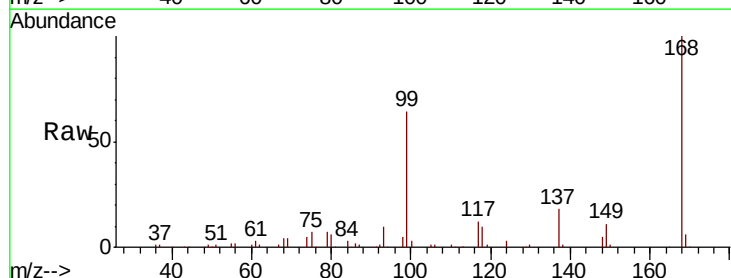
Tgt Ion: 56 Resp: 1586

Ion Ratio Lower Upper

56 100

69 230.5 28.9 43.3#

84 133.9 71.8 107.6#



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

2000

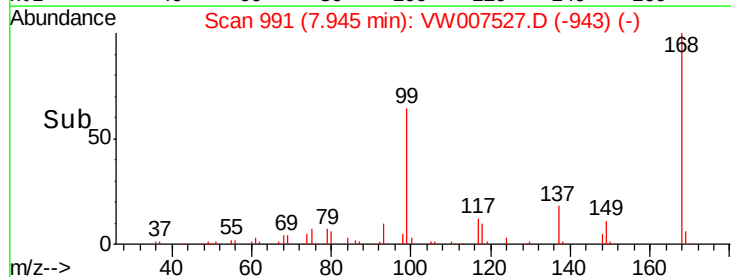
1500

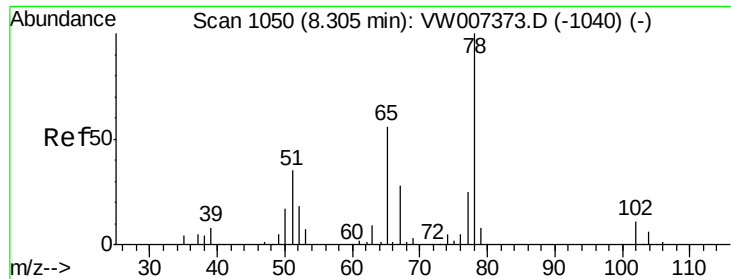
1000

500

0

Time-->

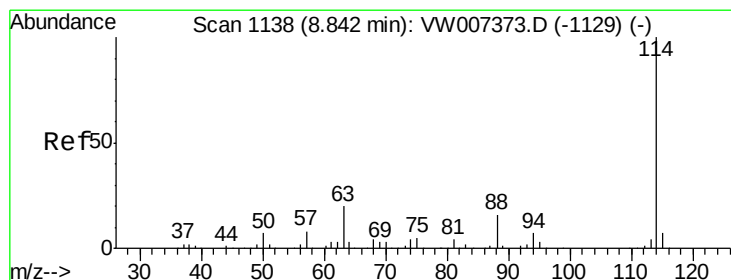
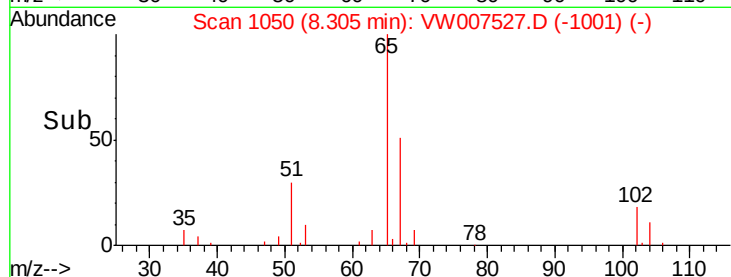
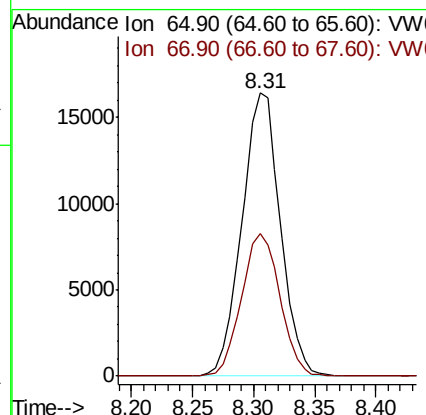
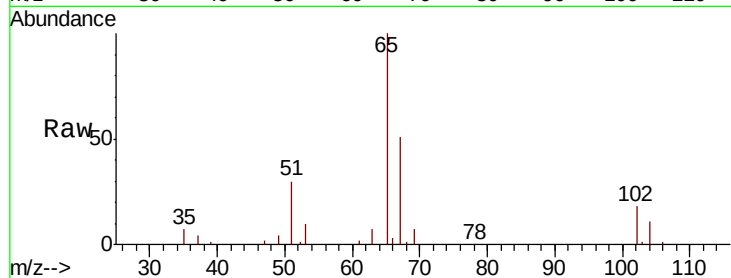




#33
 1,2-Dichloroethane-d4
 Concen: 42.730 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

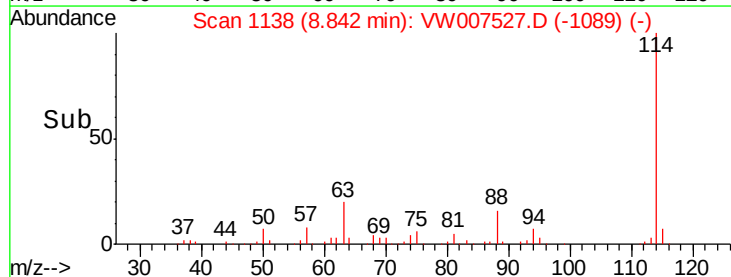
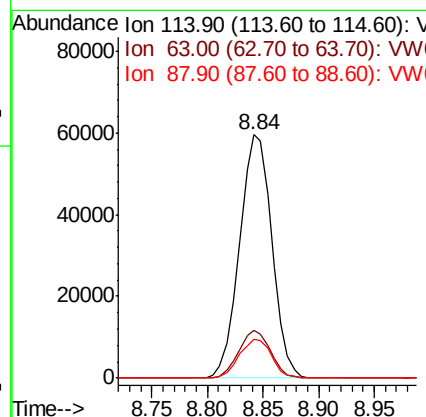
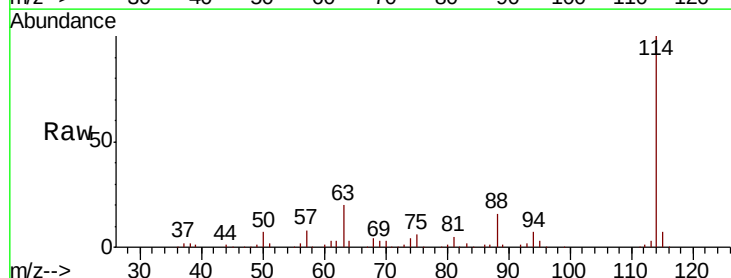
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-2-120718

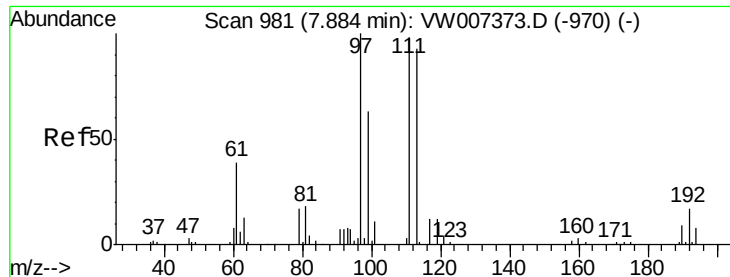
Tot Ion: 65 Resp: 35844
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

Tgt Ion: 114 Resp: 119660
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.732 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-2-120718

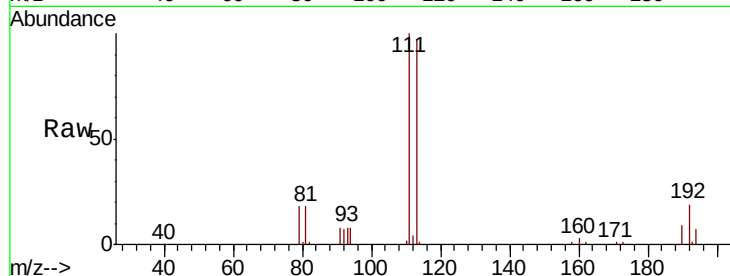
Tot Ion:113 Resp: 33126

Ion Ratio Lower Upper

113 100

111 104.0 81.1 121.7

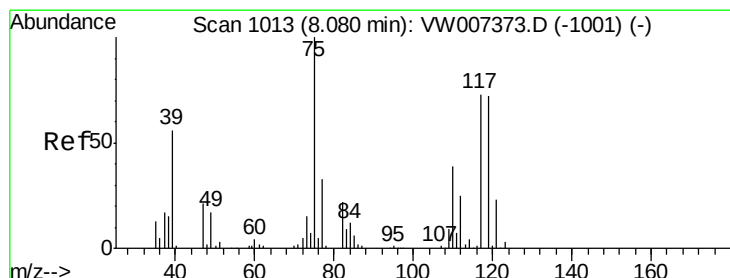
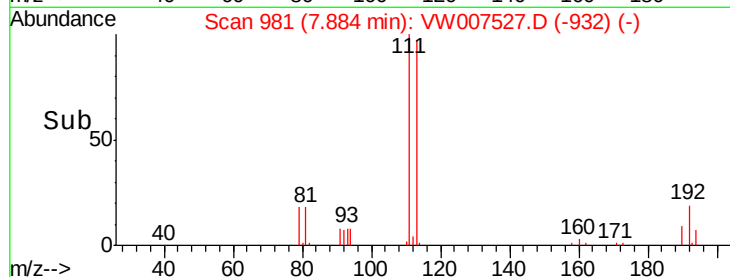
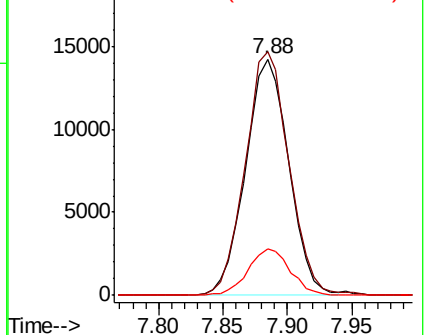
192 19.0 14.6 21.8



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: 5.326 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

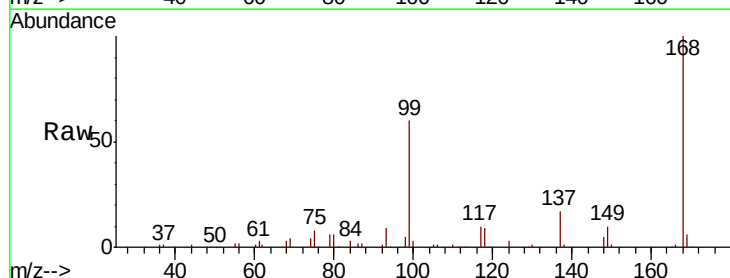
Tgt Ion: 75 Resp: 5814

Ion Ratio Lower Upper

75 100

110 10.6 18.5 55.5#

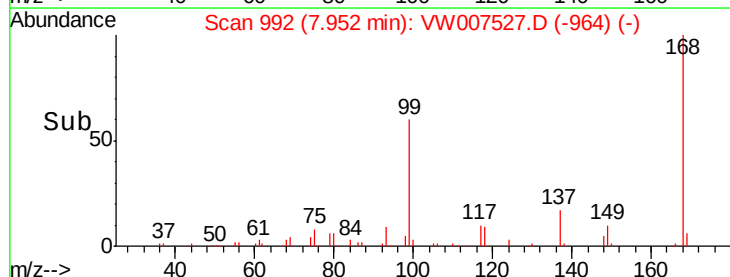
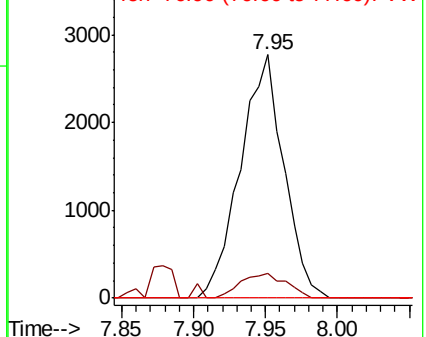
77 0.0 25.6 38.4#

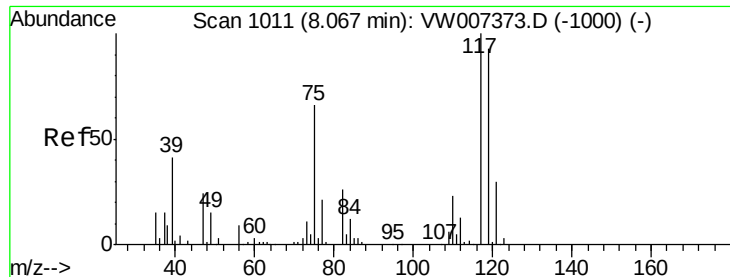


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

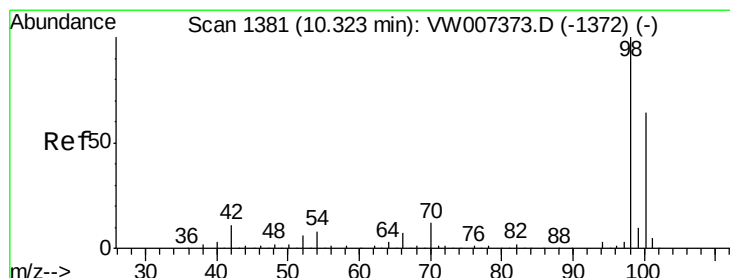
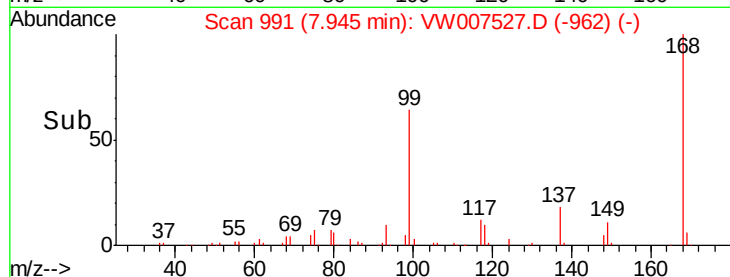
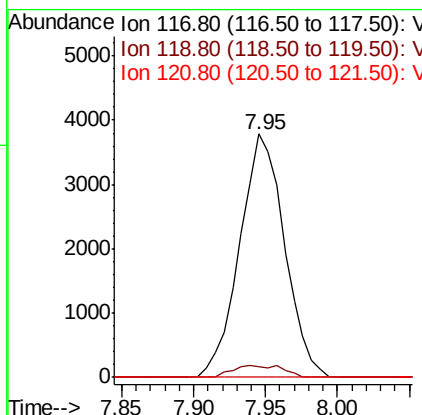
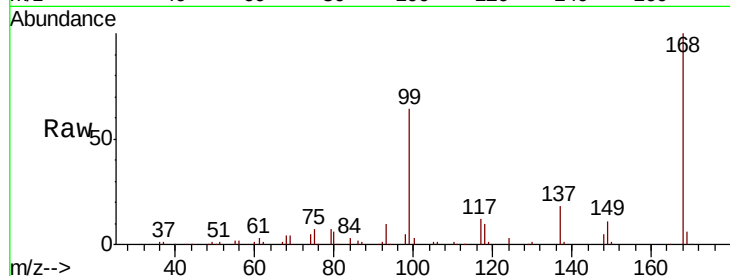




#38
Carbon Tetrachloride
Concen: 6.870 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

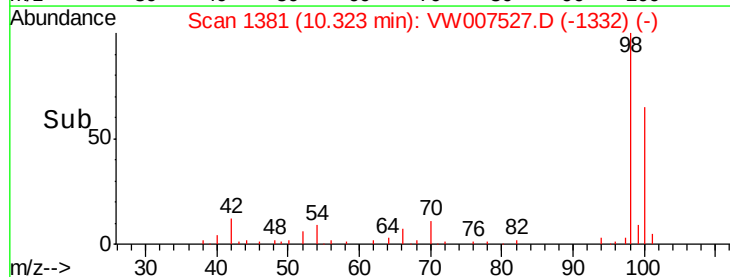
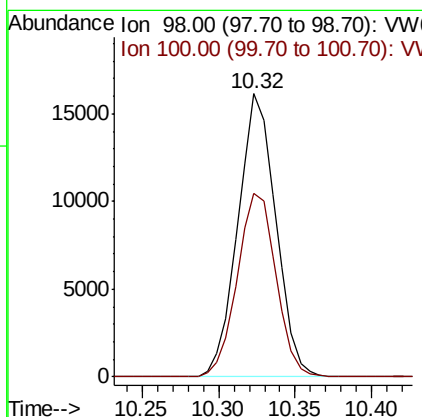
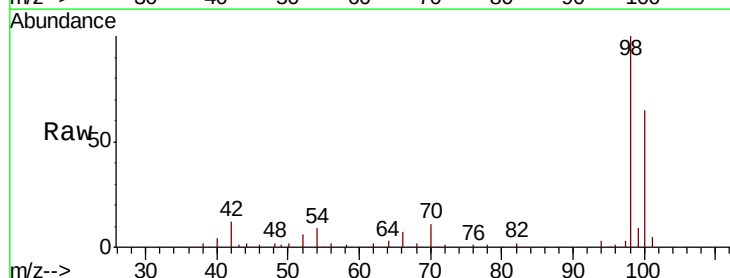
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-2-120718

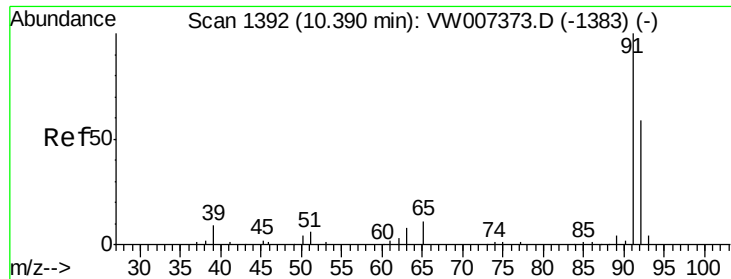
Tot Ion:117 Resp: 8160
Ion Ratio Lower Upper
117 100
119 4.5 74.3 111.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 10.232 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

Tgt Ion: 98 Resp: 27789
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.8





#52

Toluene

Concen: 2.191 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

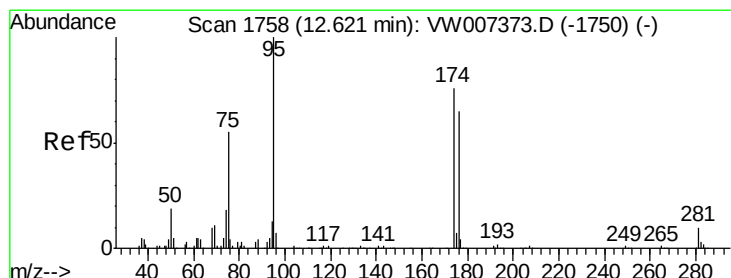
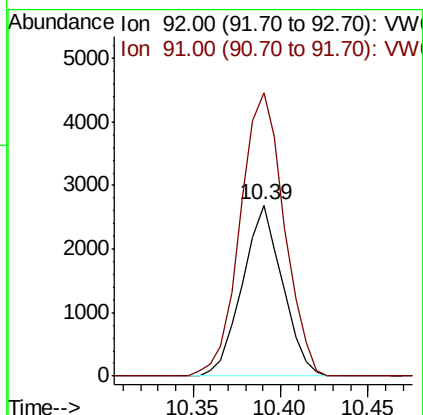
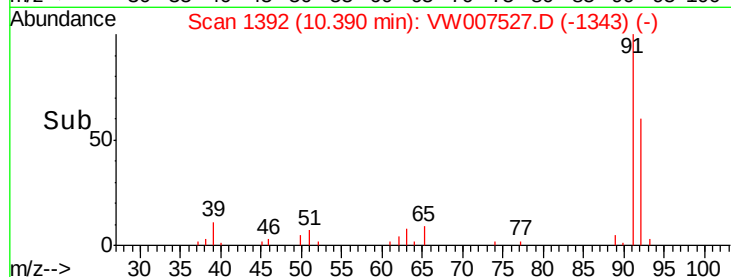
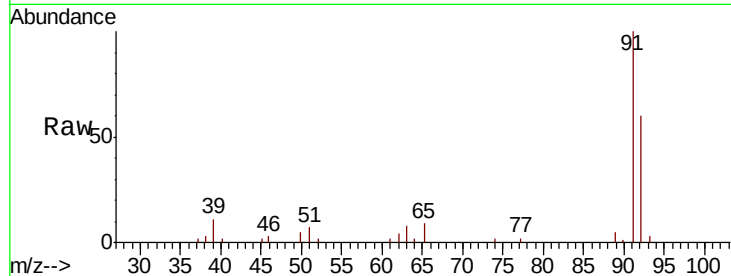
SUP-2A-G-2-120718

Tot Ion: 92 Resp: 4295

Ion Ratio Lower Upper

92 100

91 181.0 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 40.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

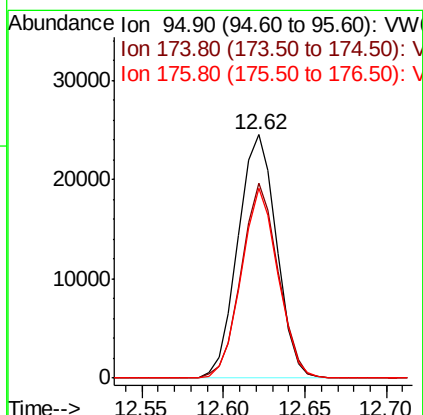
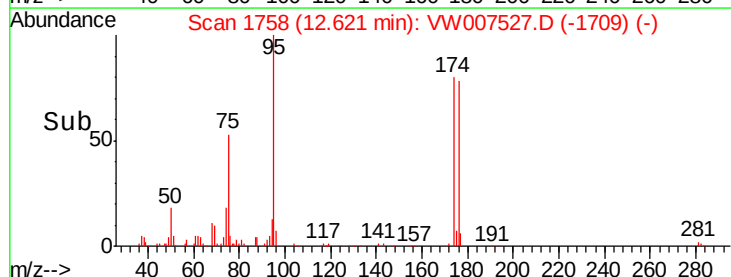
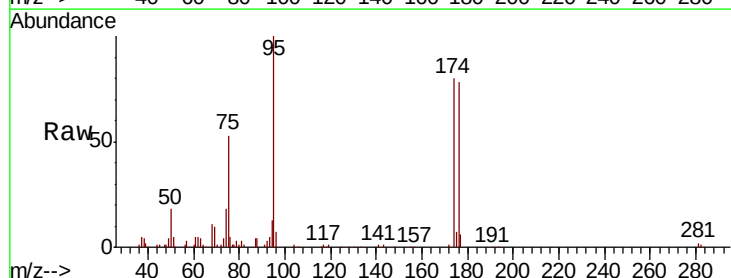
Tgt Ion: 95 Resp: 40331

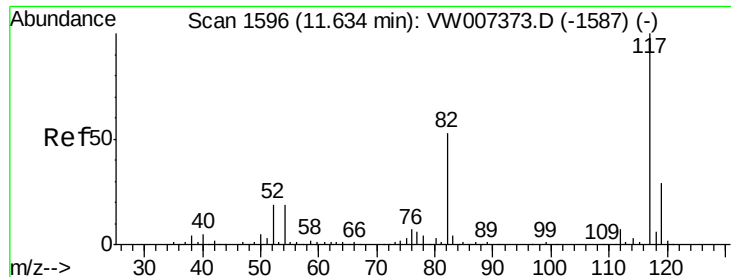
Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

176 74.8 0.0 138.8

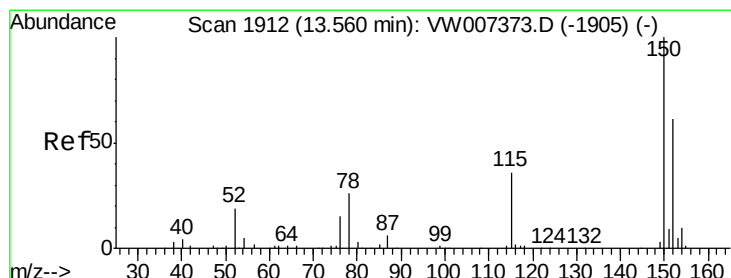
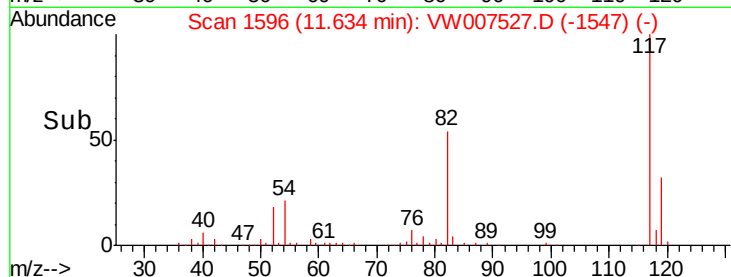
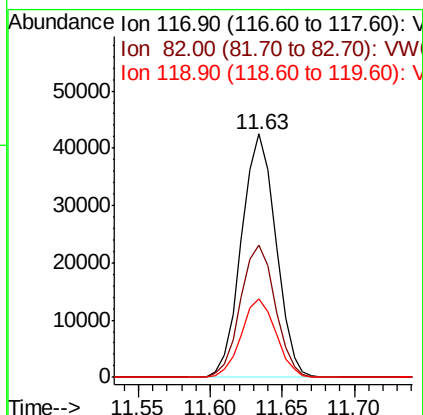
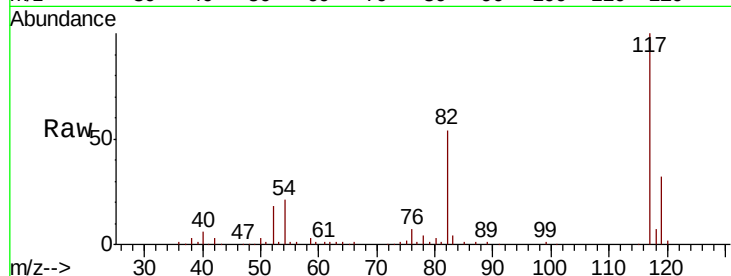




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

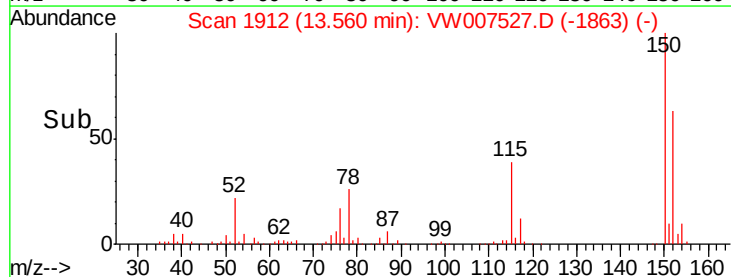
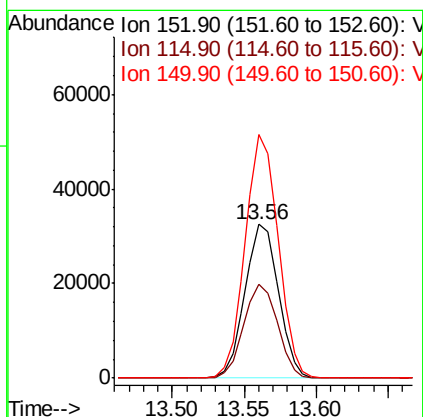
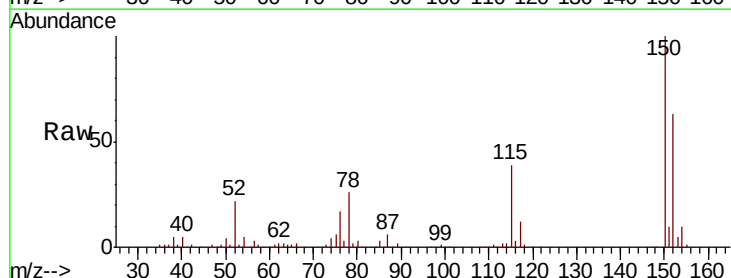
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-2-120718

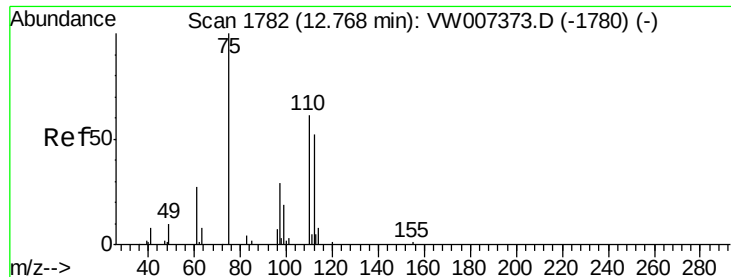
Tot Ion:117 Resp: 70559
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 32.4 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

Tgt Ion:152 Resp: 52330
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 156.3 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 47.583 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

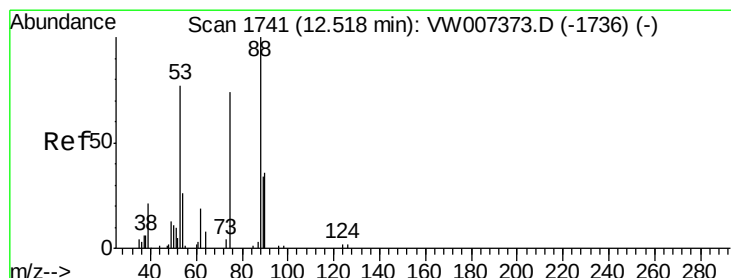
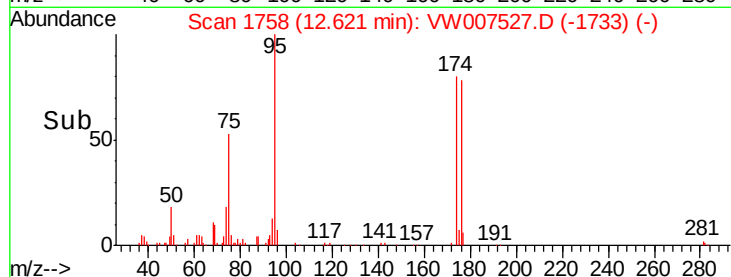
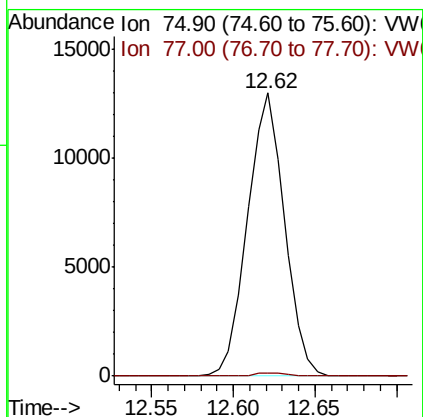
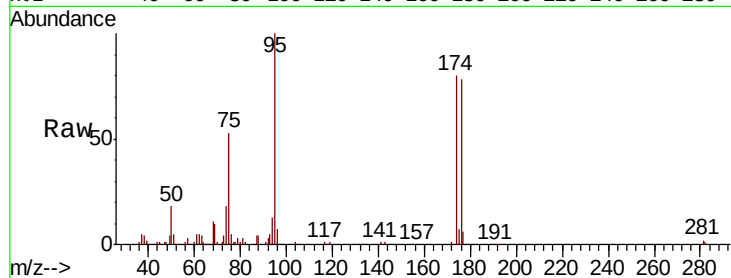
SUP-2A-G-2-120718

Tot Ion: 75 Resp: 20531

Ion Ratio Lower Upper

75 100

77 1.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.112 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Tgt Ion: 75 Resp: 20531

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

