

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006642.D
 Acq On : 05 Nov 2018 17:50
 Operator : SY/AP
 Sample : J5700-02RE
 Misc : 5.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2

Quant Time: Nov 06 01:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

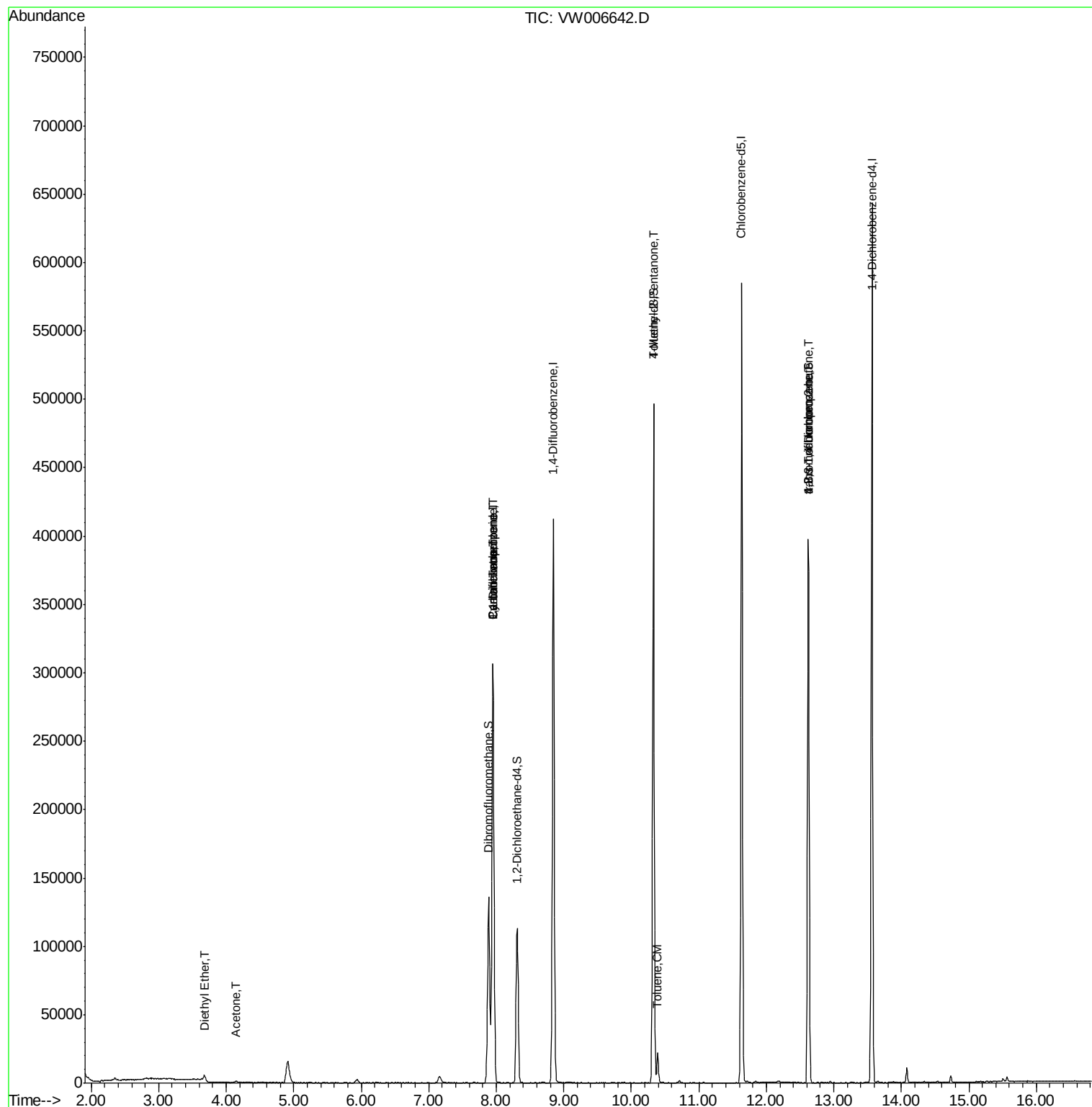
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88885	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
35) Dibromofluoromethane	7.89	113	95293	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
50) Toluene-d8	10.33	98	343486	38.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.86%	
62) 4-Bromofluorobenzene	12.62	95	118552	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
Target Compounds						
8) Diethyl Ether	3.68	74	2935	2.705	ug/l	88
16) Acetone	4.15	43	2112	6.062	ug/l	95
31) Cyclohexane	7.95	56	4086	1.189	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	15718	4.778	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21812	6.345	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1294	1.108	ug/l #	1
52) Toluene	10.39	92	9142	1.459	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	58155	41.140	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58155	103.532	ug/l #	11

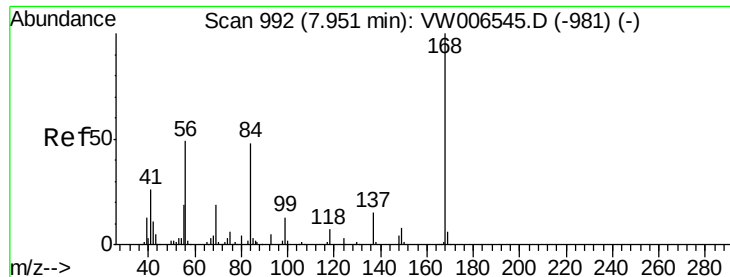
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006642.D

Acq: 05 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

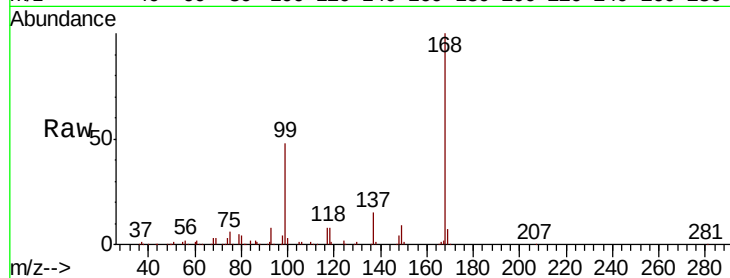
SI-2

Tgt Ion:168 Resp: 251024

Ion Ratio Lower Upper

168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

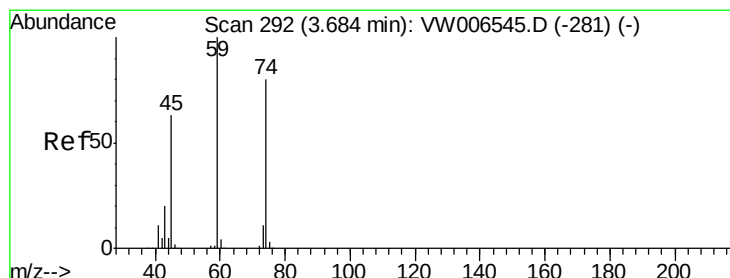
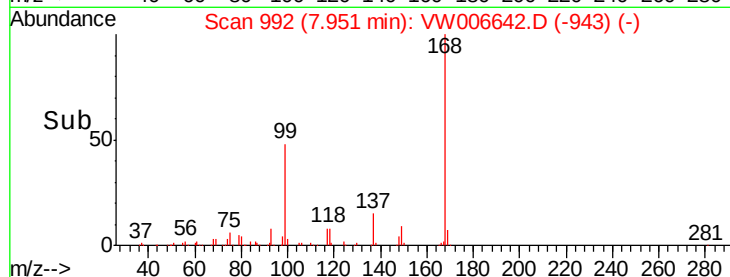
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.705 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006642.D

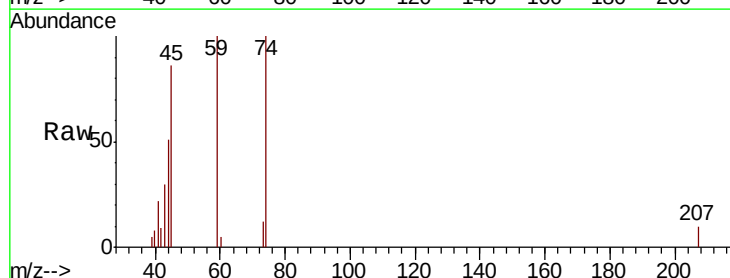
Acq: 05 Nov 2018 17:50

Tgt Ion: 74 Resp: 2935

Ion Ratio Lower Upper

74 100

45 92.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

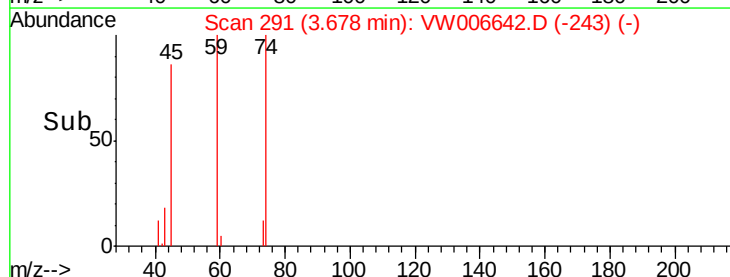
1500

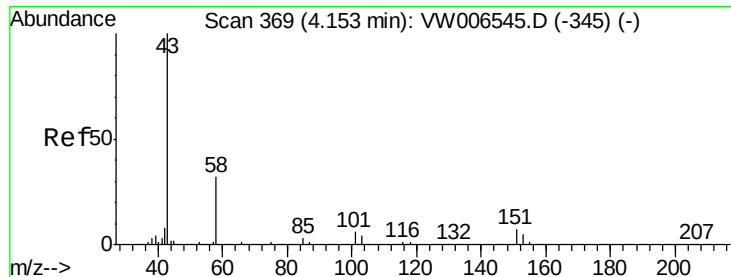
1000

500

0

Time-->

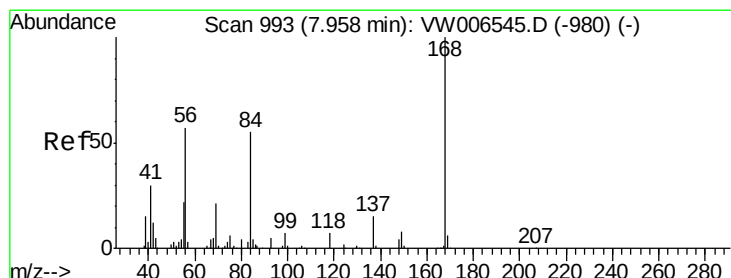
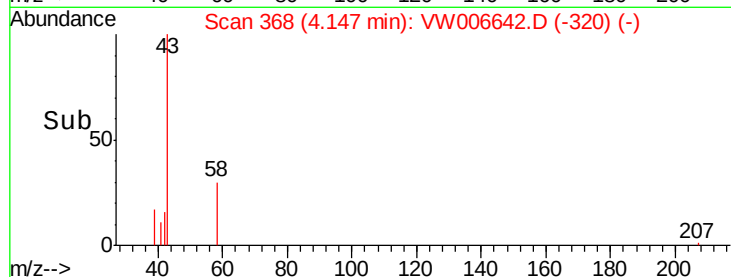
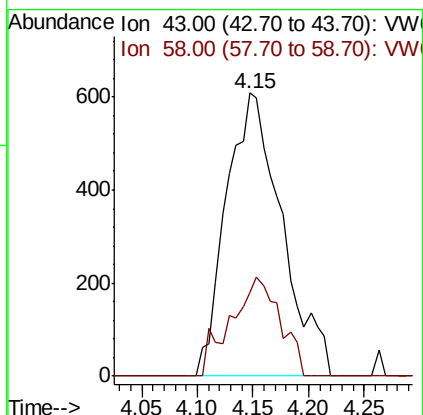
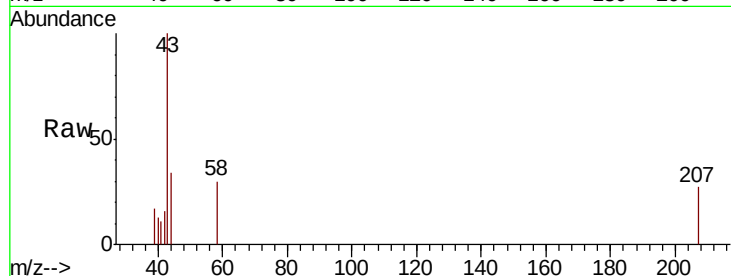




#16
Acetone
Concen: 6.062 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006642.D
Acq: 05 Nov 2018 17:50

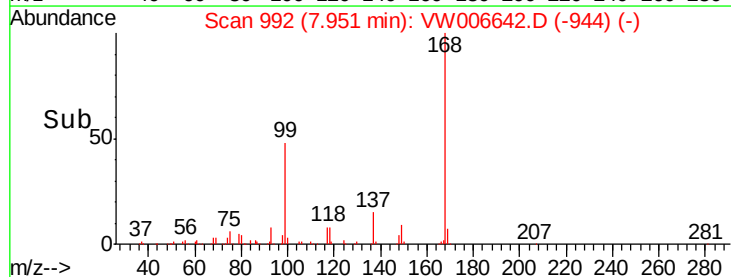
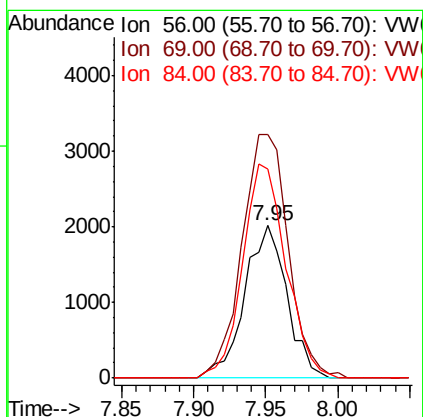
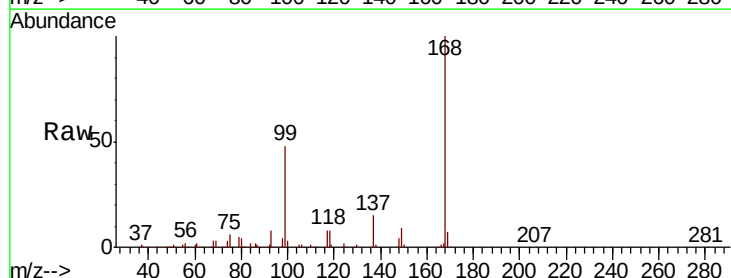
Instrument :
MSVOA_W
ClientSampleId :
SI-2

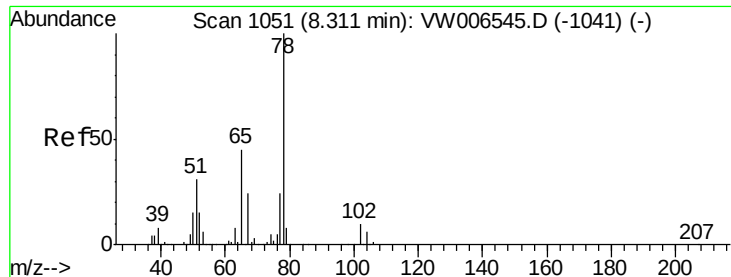
Tgt Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 29.8 25.8 38.8



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006642.D
Acq: 05 Nov 2018 17:50

Tgt Ion: 56 Resp: 4086
Ion Ratio Lower Upper
56 100
69 160.0 29.0 43.4#
84 137.3 77.8 116.6#

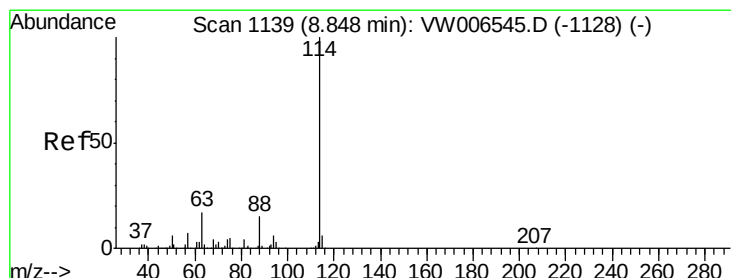
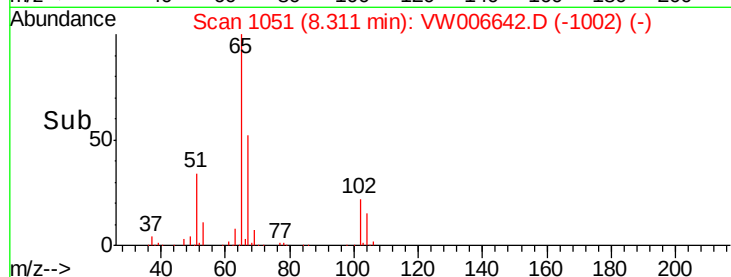
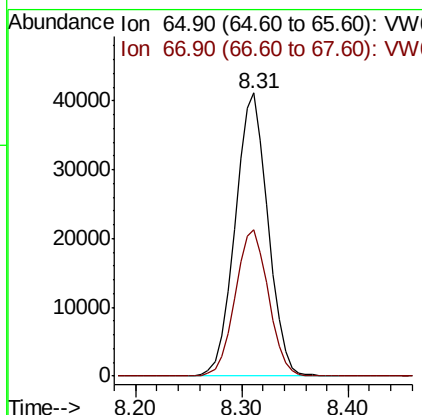
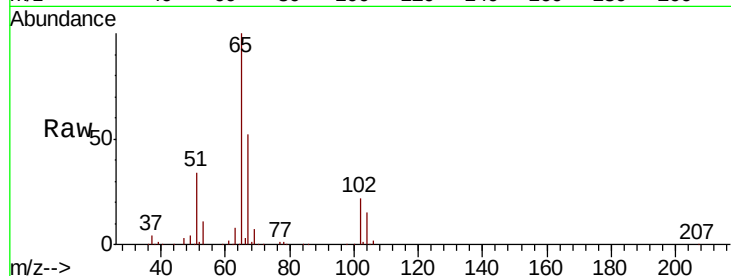




#33
 1,2-Dichloroethane-d4
 Concen: 41.193 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

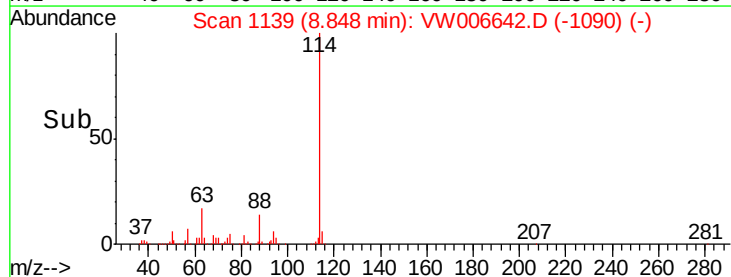
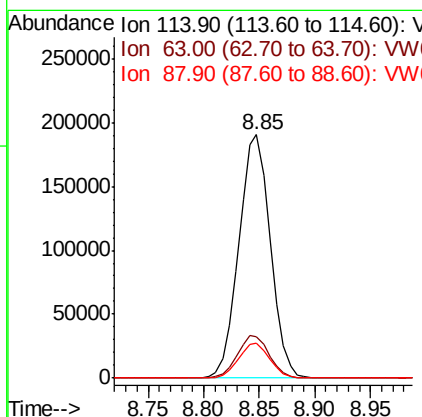
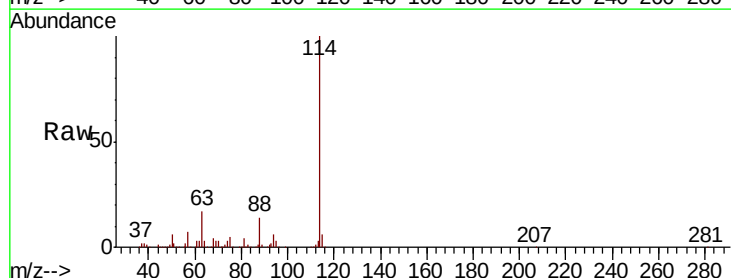
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2

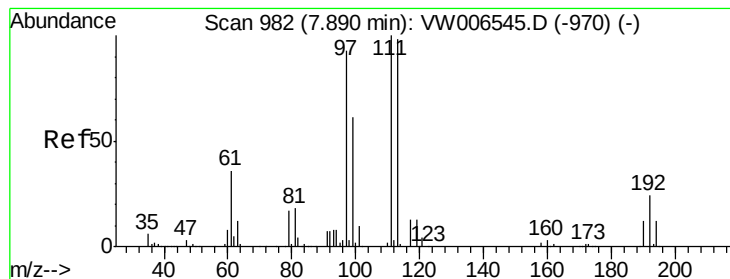
Tgt Ion: 65 Resp: 88885
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

Tgt Ion: 114 Resp: 374075
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 40.591 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006642.D

Acq: 05 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

SI-2

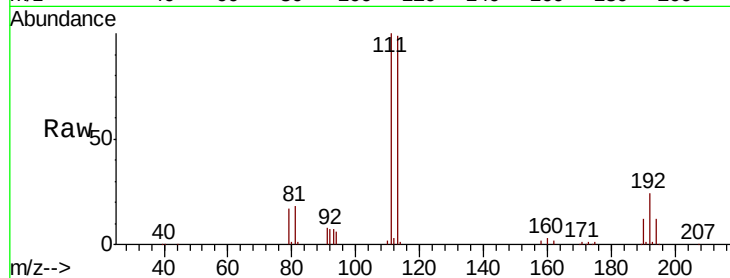
Tgt Ion:113 Resp: 95293

Ion Ratio Lower Upper

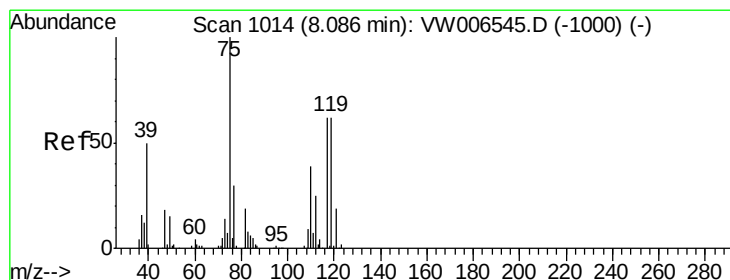
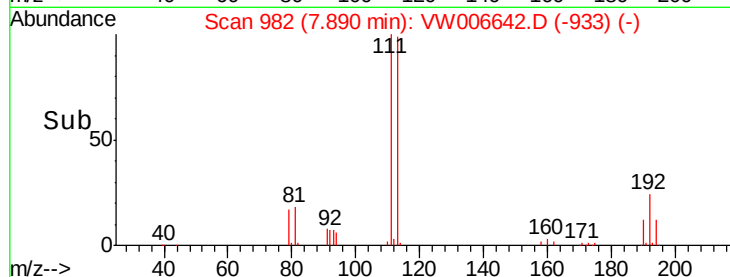
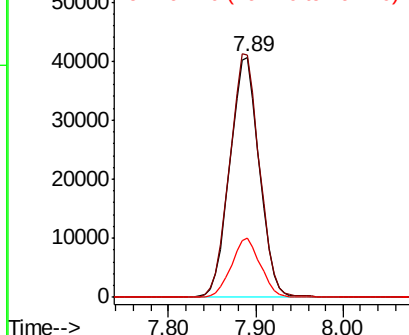
113 100

111 102.3 82.2 123.2

192 24.2 19.0 28.6



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



#36

1,1-Dichloropropene

Concen: 4.778 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006642.D

Acq: 05 Nov 2018 17:50

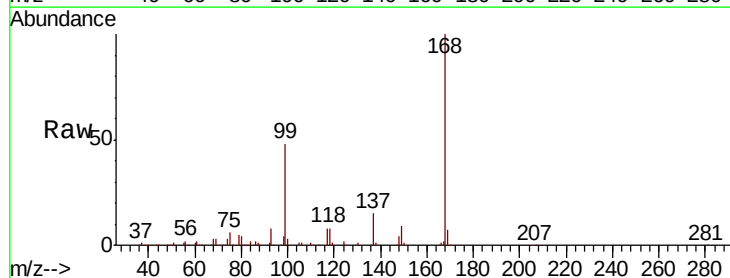
Tgt Ion: 75 Resp: 15718

Ion Ratio Lower Upper

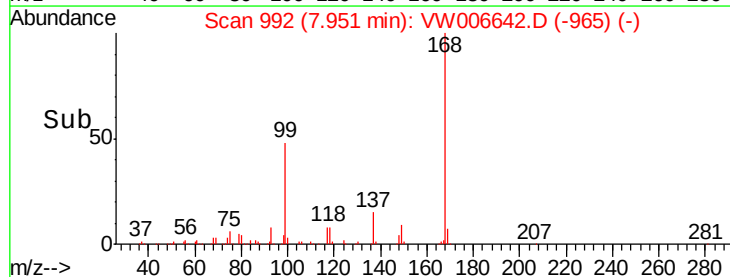
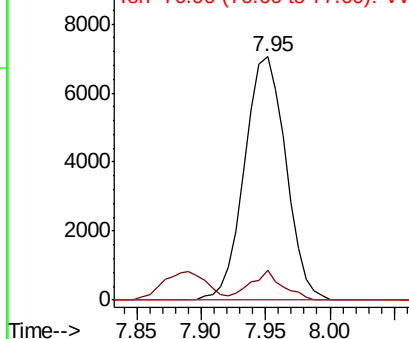
75 100

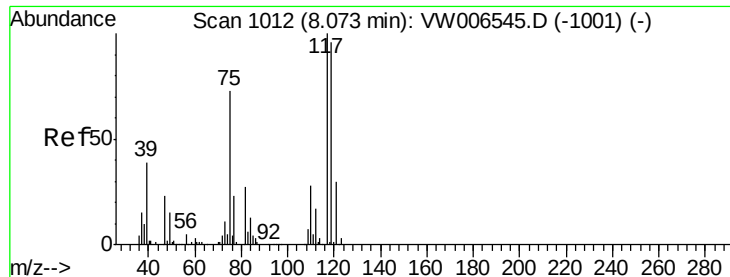
110 9.3 19.5 58.5#

77 0.0 24.6 37.0#



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: 6.345 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006642.D

Acq: 05 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

SI-2

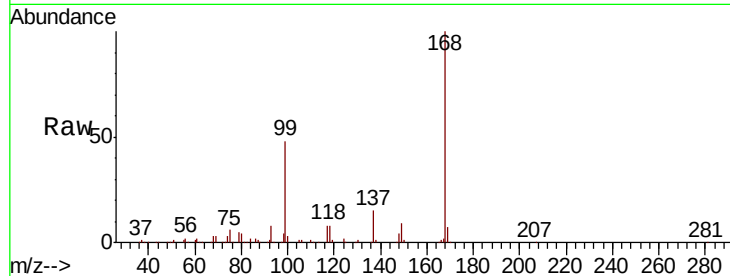
Tgt Ion: 117 Resp: 21812

Ion Ratio Lower Upper

117 100

119 6.2 76.3 114.5#

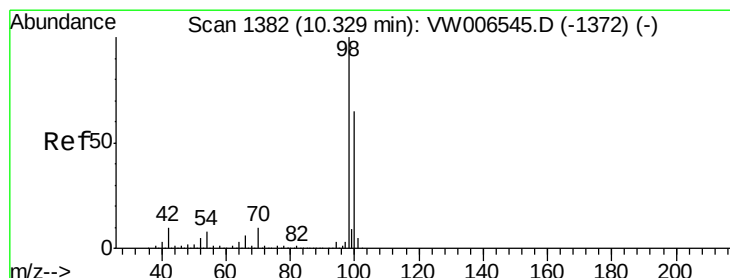
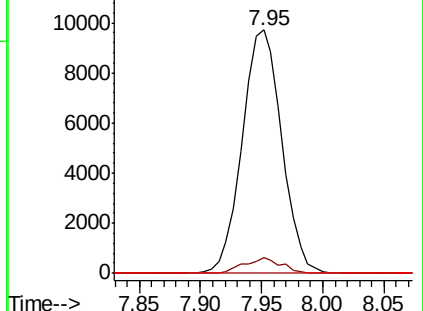
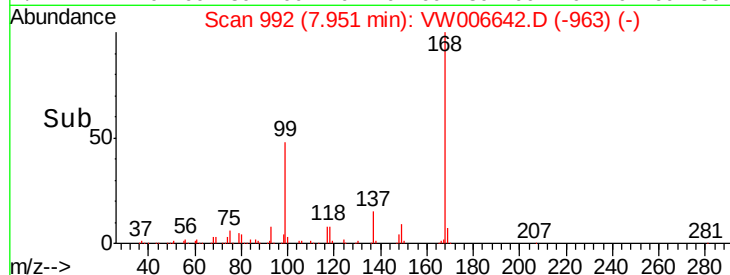
121 0.0 24.1 36.1#



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: 38.434 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006642.D

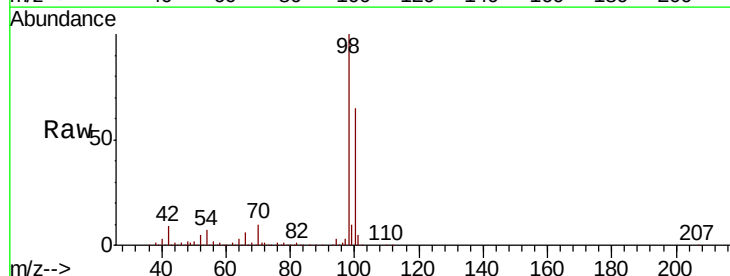
Acq: 05 Nov 2018 17:50

Tgt Ion: 98 Resp: 343486

Ion Ratio Lower Upper

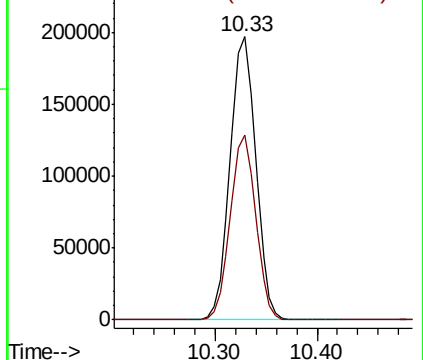
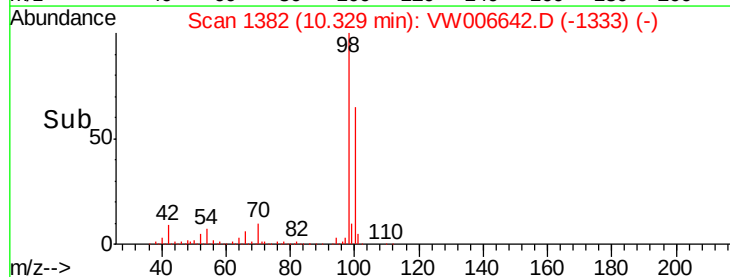
98 100

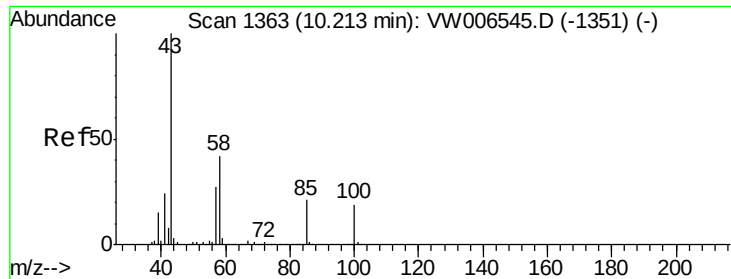
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

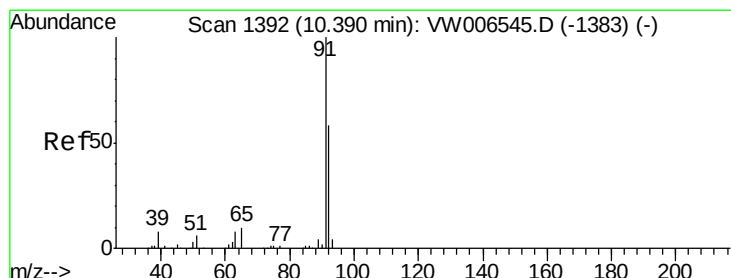
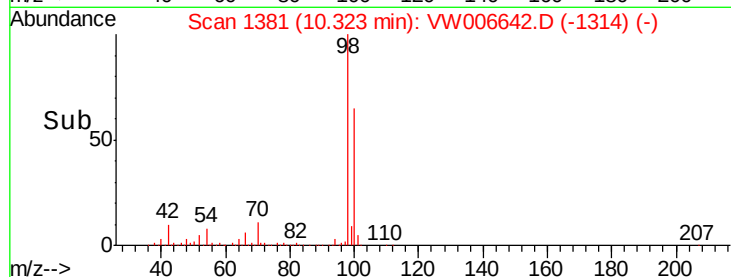
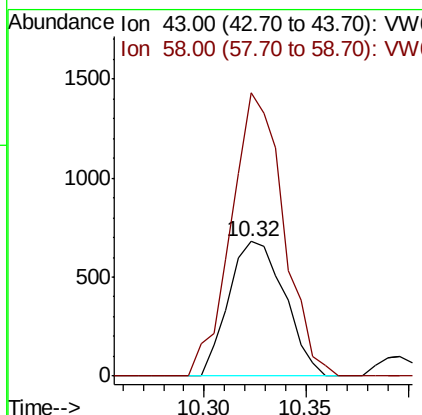
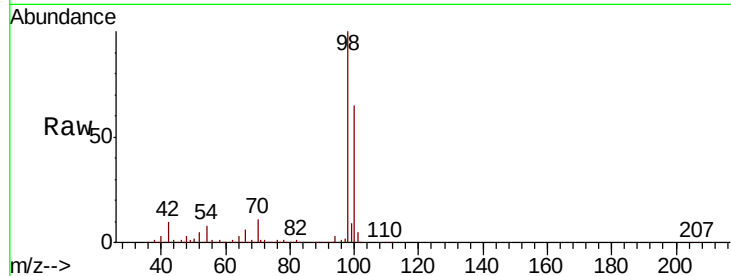




#51
 4-Methyl-2-Pentanone
 Concen: 1.108 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

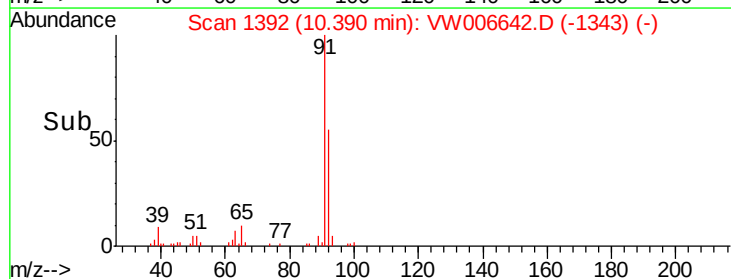
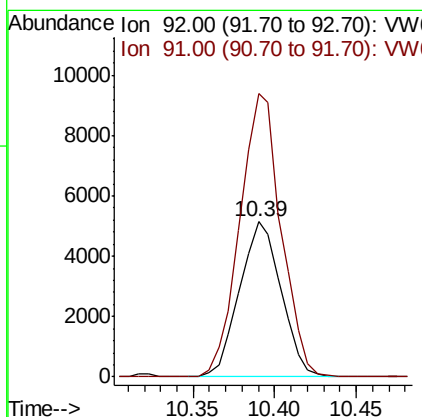
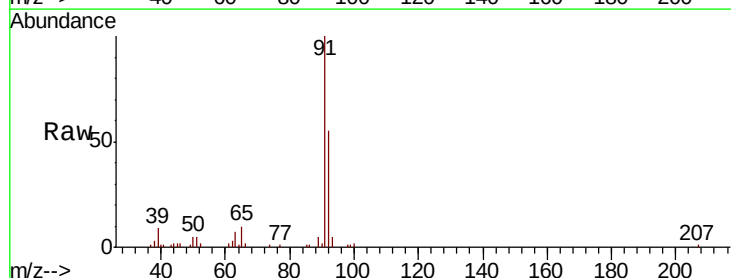
Instrument :
 MSVOA_W
 ClientSampled :
 SI-2

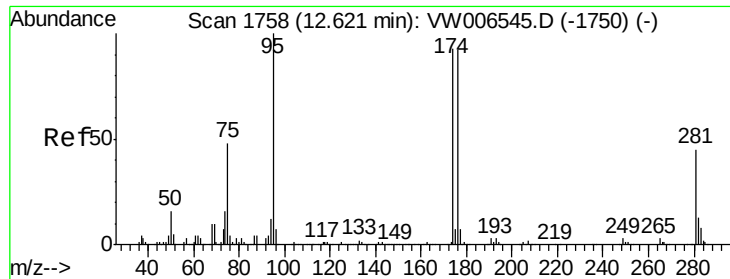
Tgt Ion: 43 Resp: 1294
 Ion Ratio Lower Upper
 43 100
 58 197.1 33.4 50.0#



#52
 Toluene
 Concen: 1.459 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

Tgt Ion: 92 Resp: 9142
 Ion Ratio Lower Upper
 92 100
 91 181.1 138.6 208.0

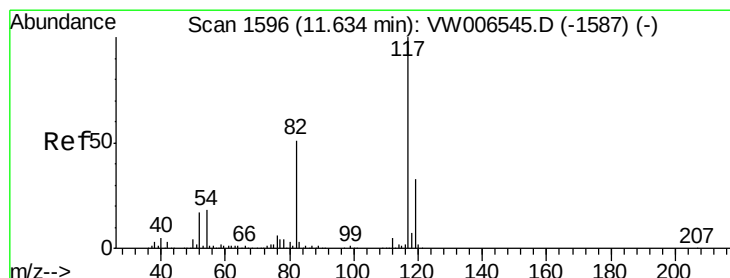
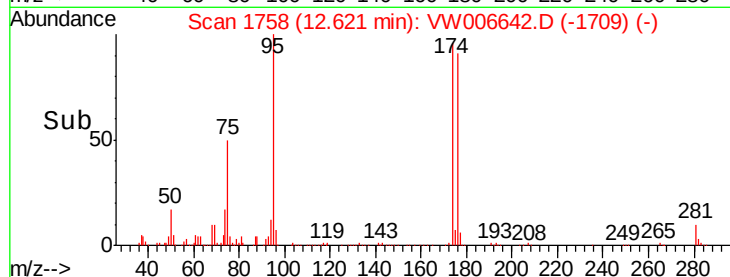
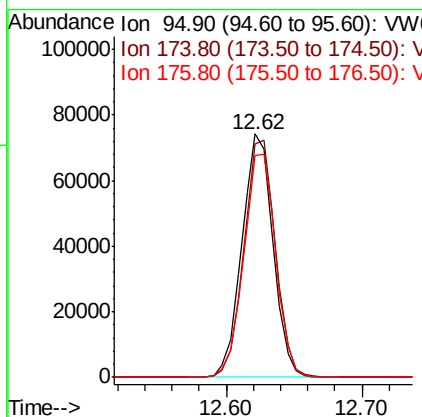
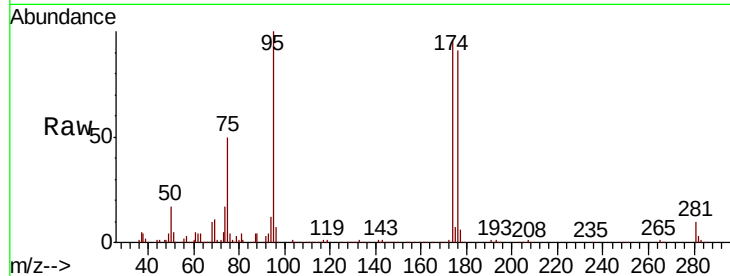




#62
4-Bromofluorobenzene
Concen: 36.590 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006642.D
Acq: 05 Nov 2018 17:50

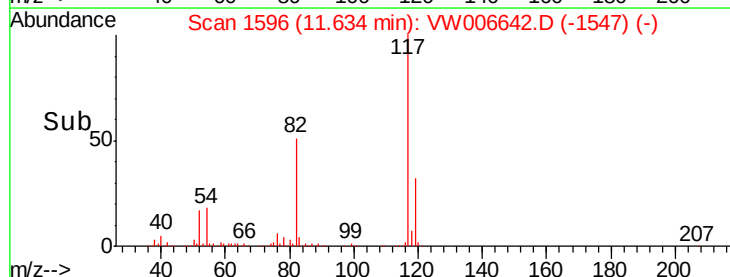
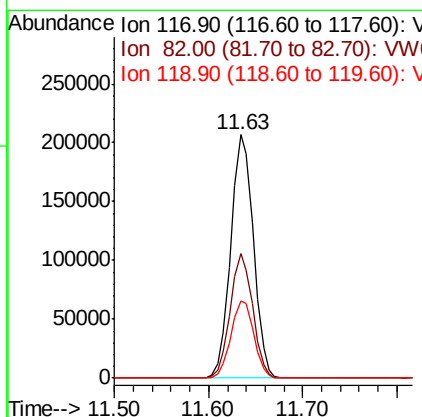
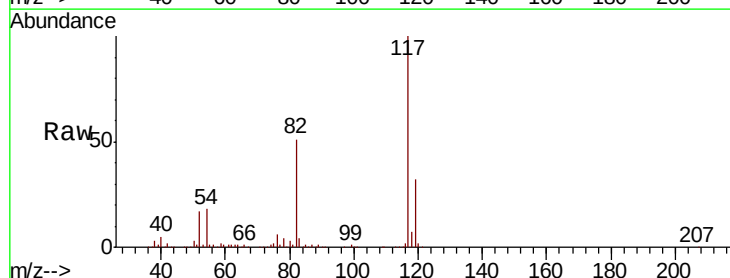
Instrument :
MSVOA_W
ClientSampleId :
SI-2

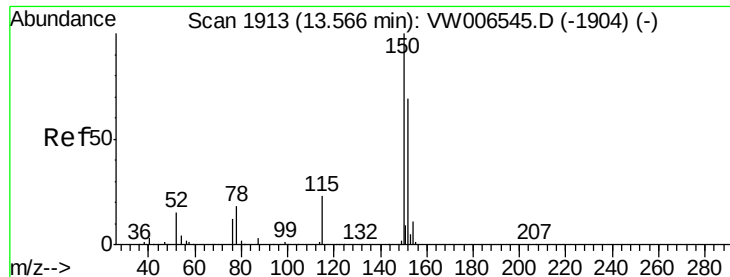
Tgt Ion: 95 Resp: 118552
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 94.4 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006642.D
Acq: 05 Nov 2018 17:50

Tgt Ion: 117 Resp: 345743
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 32.0 26.1 39.1

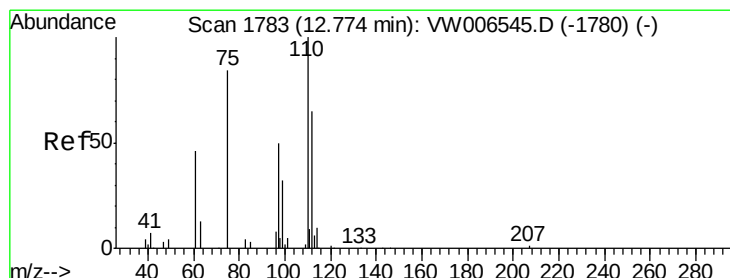
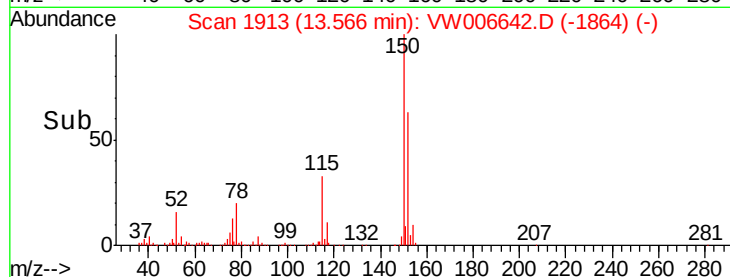
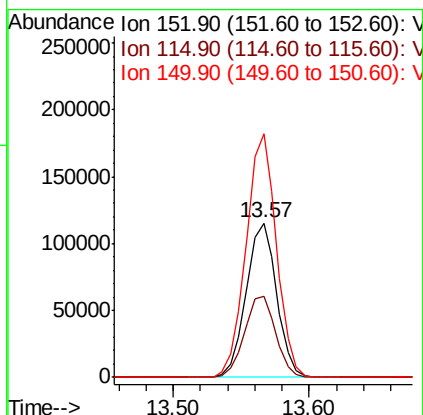
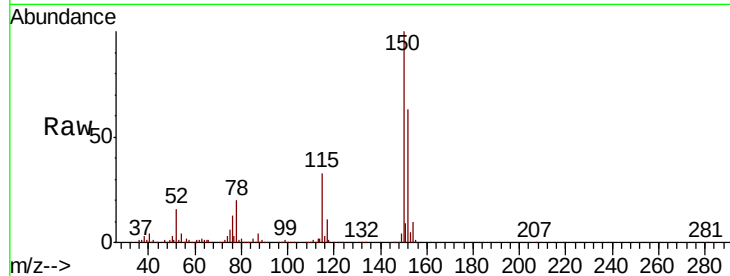




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

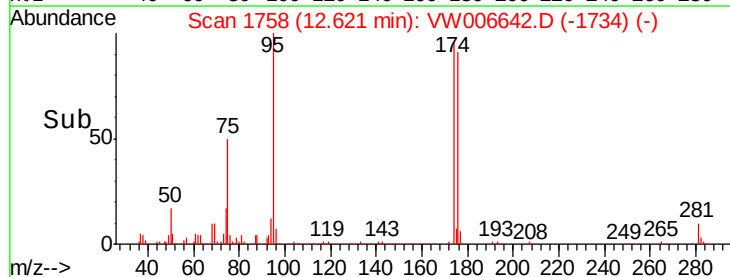
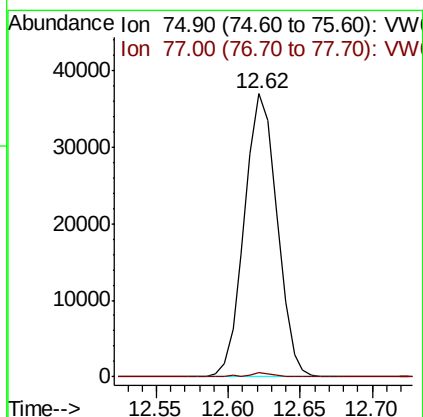
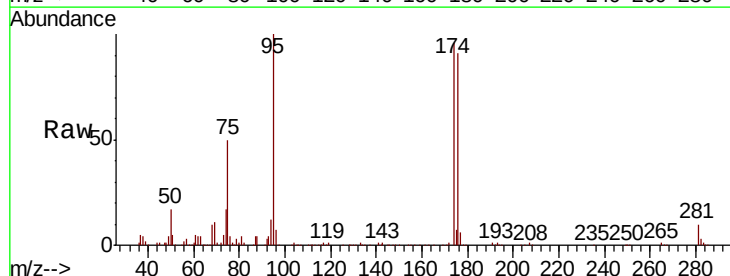
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2

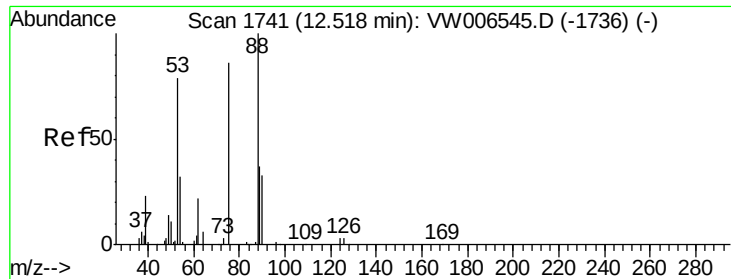
Tgt Ion:152 Resp: 181176
 Ion Ratio Lower Upper
 152 100
 115 53.5 26.6 79.8
 150 156.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 41.140 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006642.D
 Acq: 05 Nov 2018 17:50

Tgt Ion: 75 Resp: 58155
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 103.532 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006642.D

Acq: 05 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

SI-2

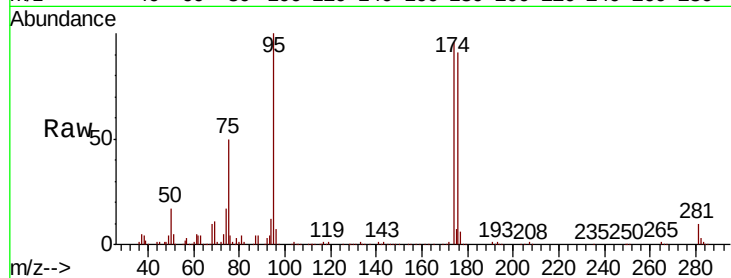
Tgt Ion: 75 Resp: 58155

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



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

