

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005670.D
 Acq On : 26 Sep 2018 22:52
 Operator : VA/AP
 Sample : J5081-19
 Misc : 4.58G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

Quant Time: Sep 27 06:57:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	174414	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	7.89	113	139606	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
50) Toluene-d8	10.33	98	509616	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.62	95	164616	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	

Target Compounds

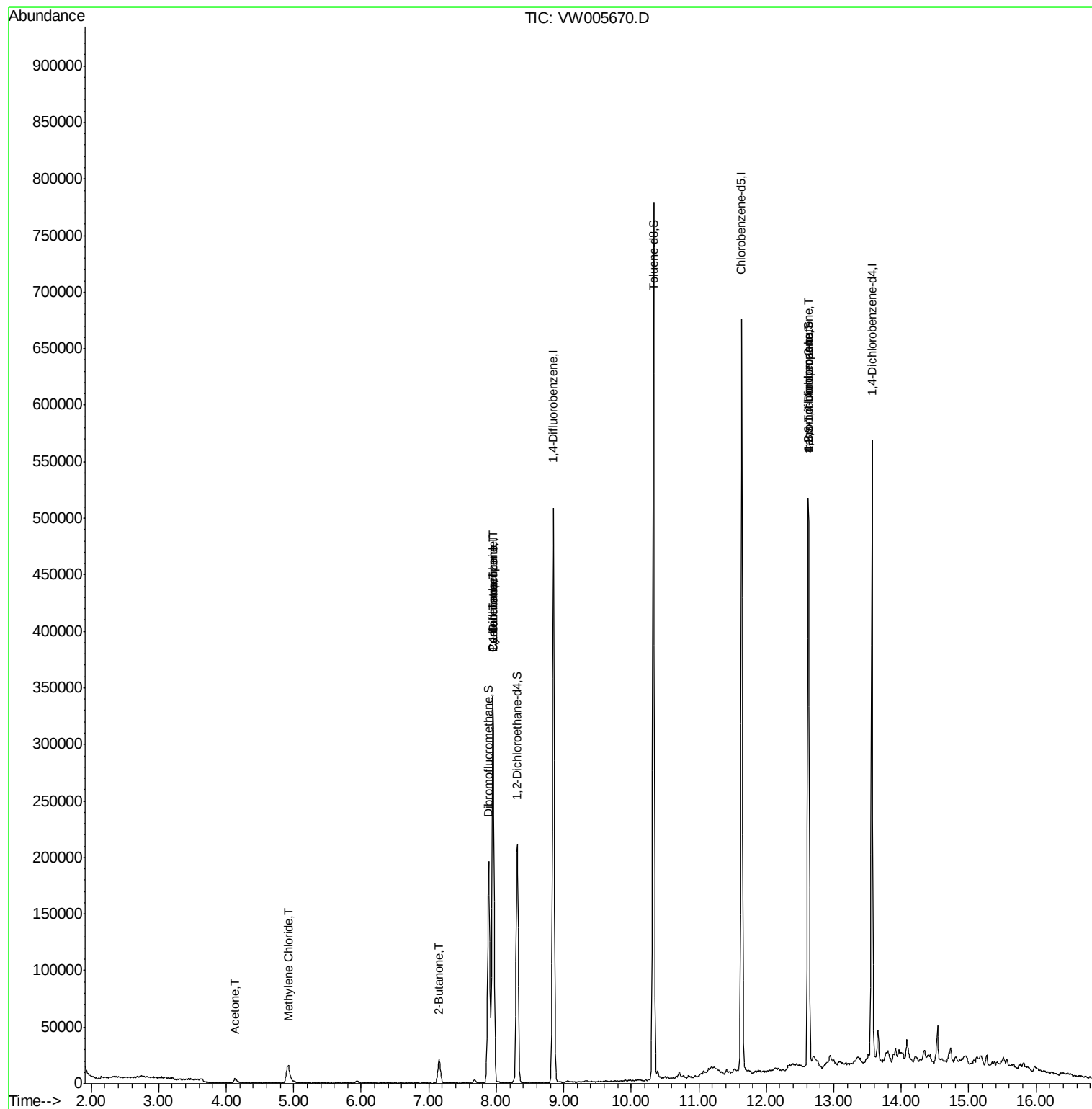
						Qvalue
2) Dichlorodifluoromethane	2.01	85	109	Below Cal	#	41
11) Tert butyl alcohol	5.21	59	176	Below Cal	#	72
13) Acrolein	3.64	56	43	Below Cal	#	1
16) Acetone	4.14	43	7586	7.033	ug/l	91
20) Methylene Chloride	4.91	84	14799	1.797	ug/l	95
25) 2-Butanone	7.16	43	1763	2.438	ug/l #	50
31) Cyclohexane	7.95	56	5891	1.276	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	19669	4.770	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24801	5.613	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	84956	69.160	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84956	155.770	ug/l #	7

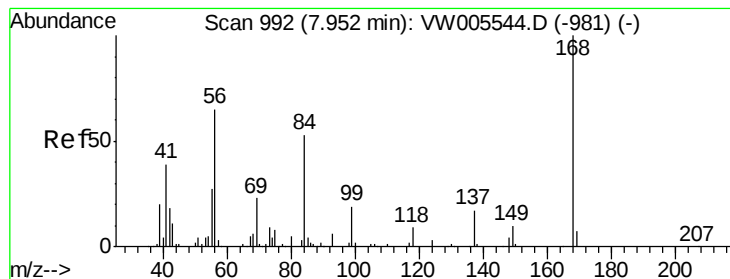
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampled :

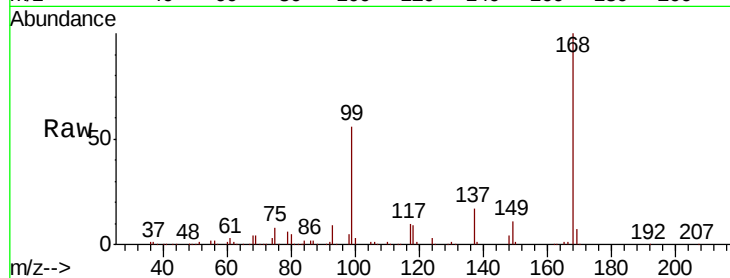
TP-2-S

Tgt Ion:168 Resp: 252778

Ion Ratio Lower Upper

168 100

99 56.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

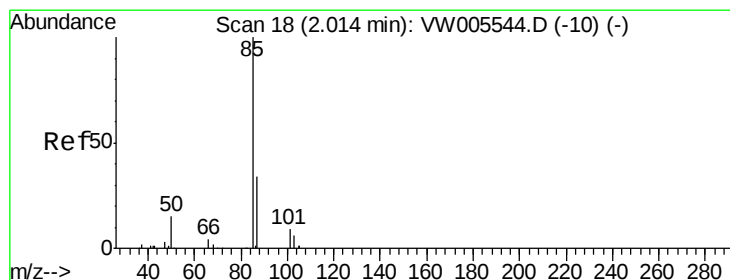
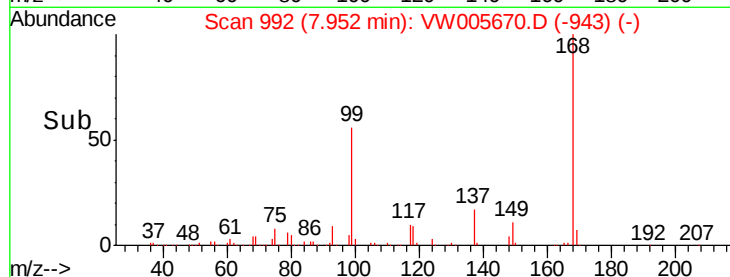
100000

50000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005670.D

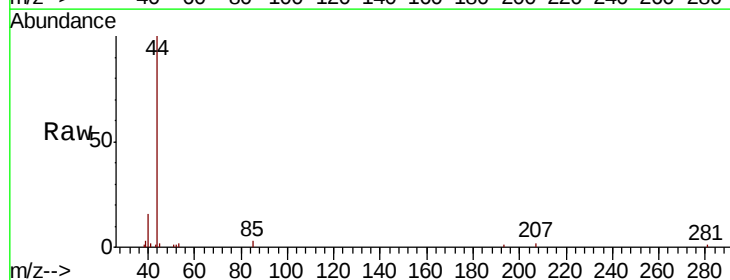
Acq: 26 Sep 2018 22:52

Tgt Ion: 85 Resp: 109

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

150

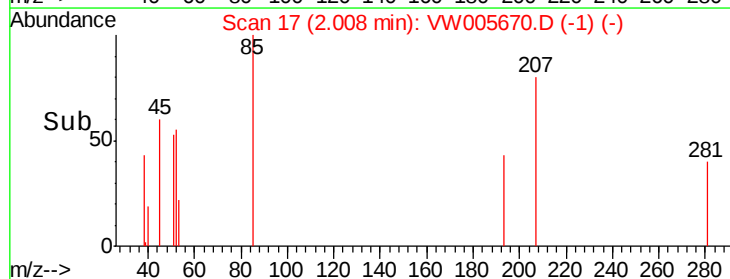
100

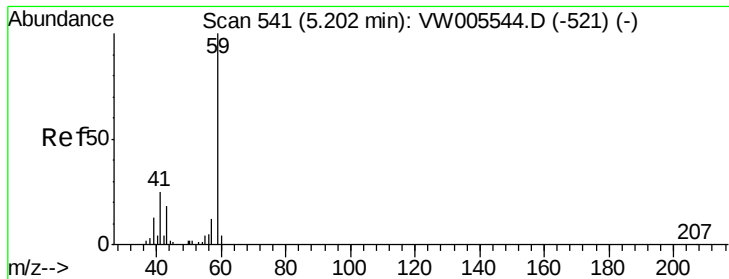
50

0

Time-->

1.98 2.00 2.02 2.04



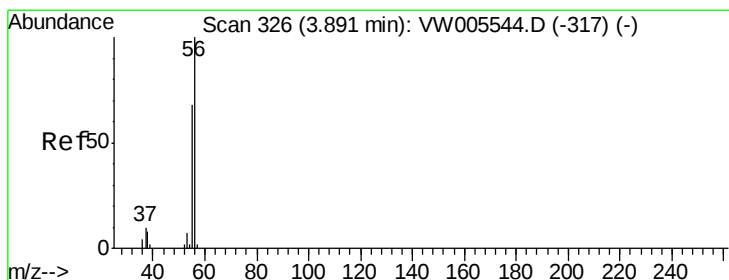
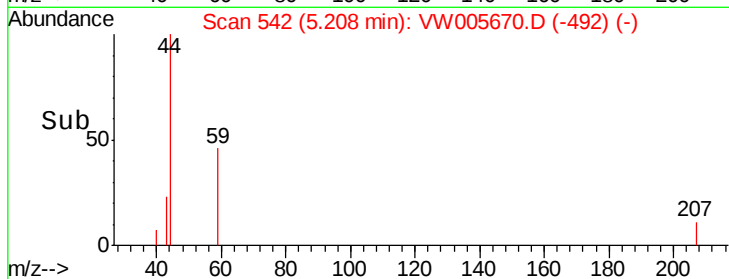
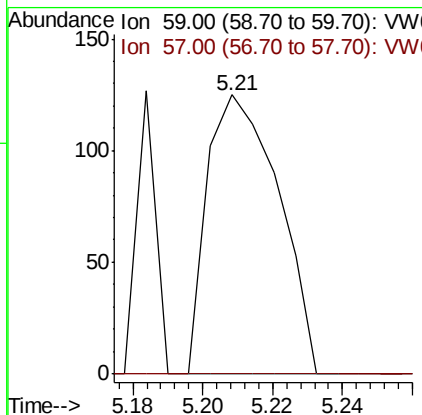
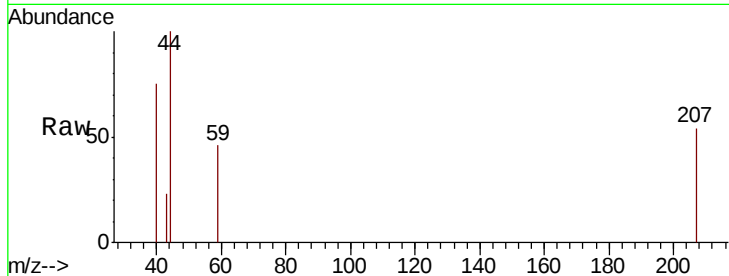


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

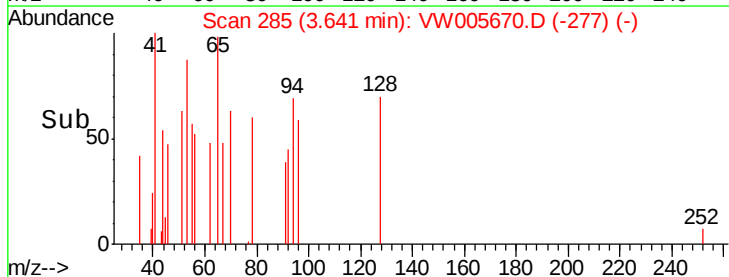
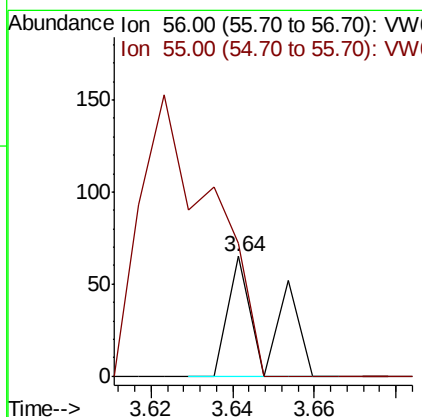
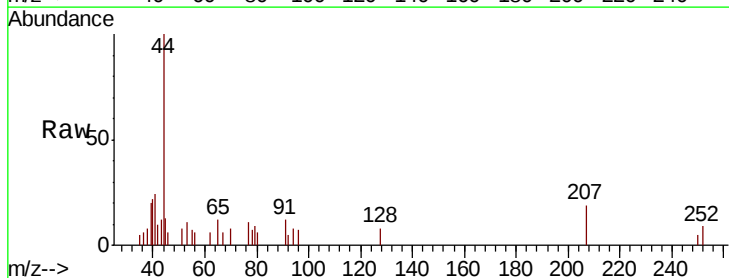
Tgt Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

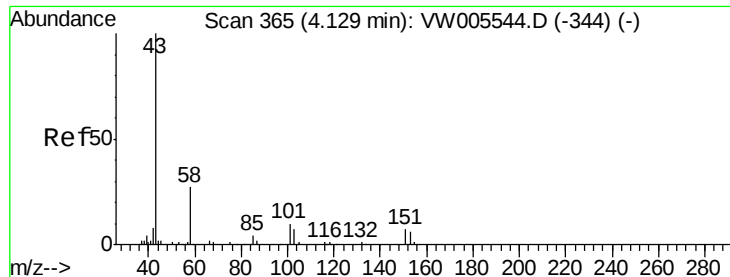


#13

Acrolein
 Concen: Below Cal
 RT: 3.64 min Scan# 285
 Delta R.T. -0.25 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

Tgt Ion: 56 Resp: 43
 Ion Ratio Lower Upper
 56 100
 55 434.9 57.8 86.8#





#16

Acetone

Concen: 7.033 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

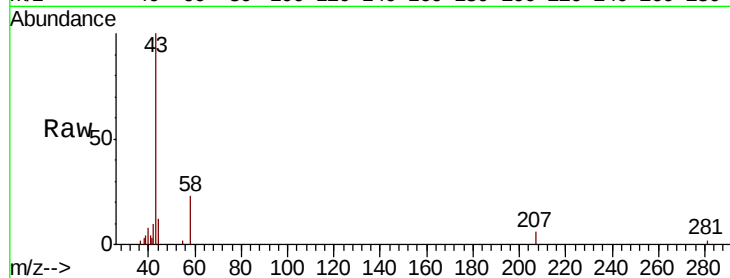
TP-2-S

Tgt Ion: 43 Resp: 7586

Ion Ratio Lower Upper

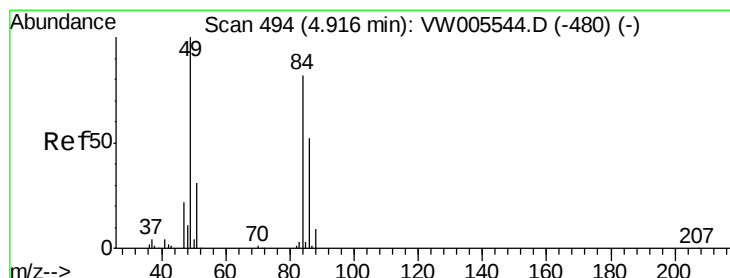
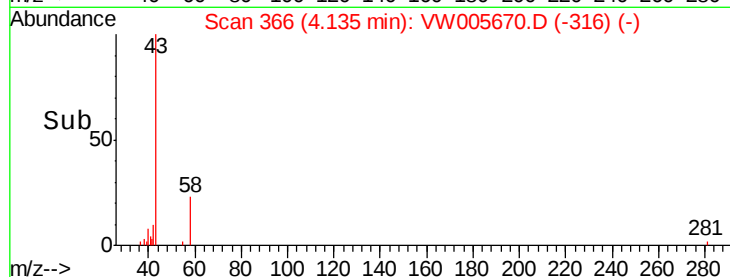
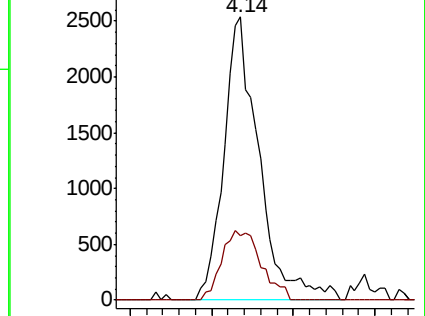
43 100

58 22.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.797 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Tgt Ion: 84 Resp: 14799

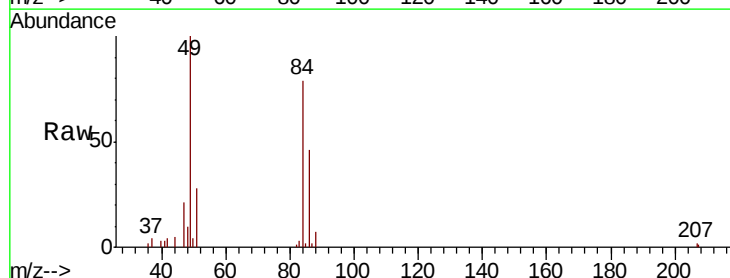
Ion Ratio Lower Upper

84 100

49 126.5 97.0 145.6

51 34.9 30.2 45.2

86 58.6 50.2 75.4

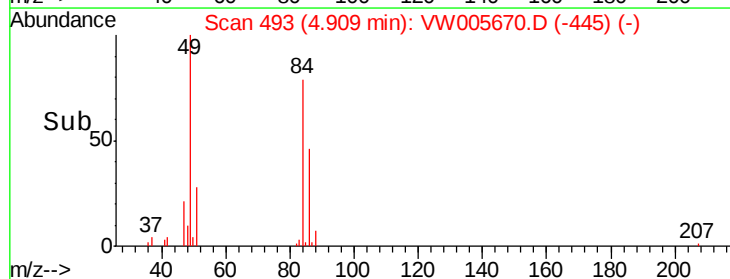
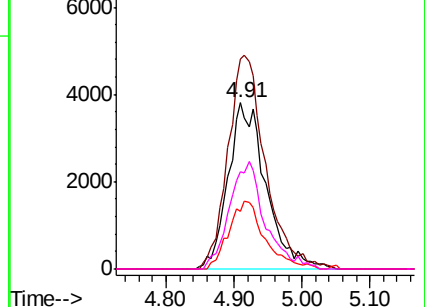


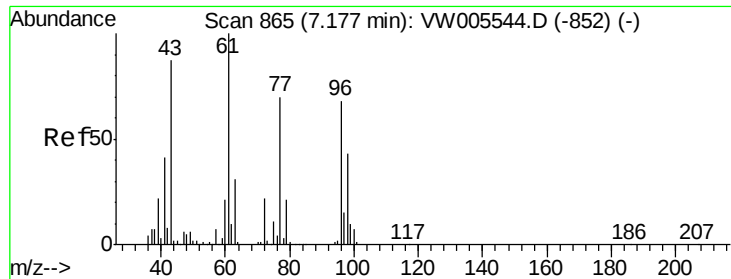
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 2.438 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

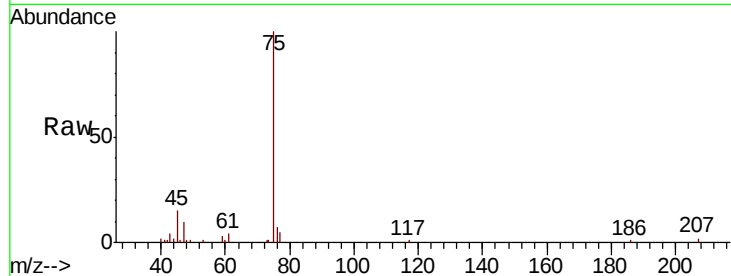
TP-2-S

Tgt Ion: 43 Resp: 1763

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

600

500

400

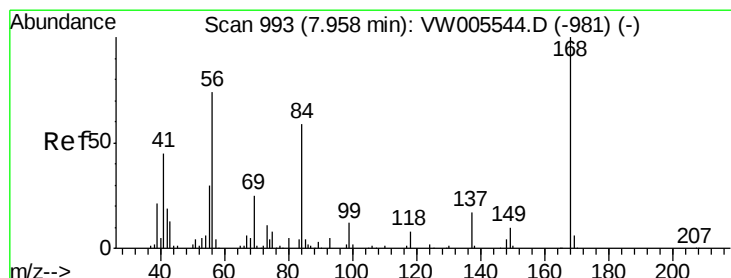
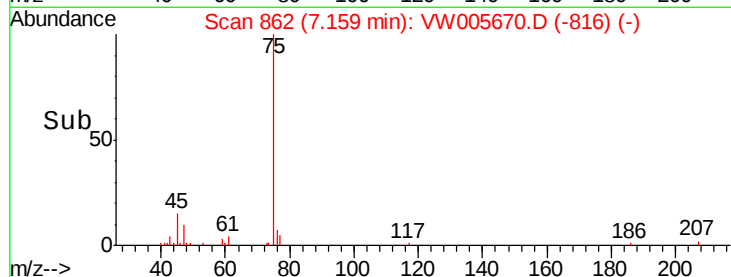
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.276 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

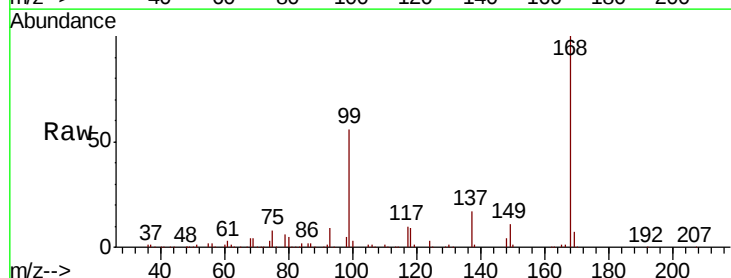
Tgt Ion: 56 Resp: 5891

Ion Ratio Lower Upper

56 100

69 165.1 27.0 40.4#

84 106.4 64.2 96.4#



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

6000

5000

4000

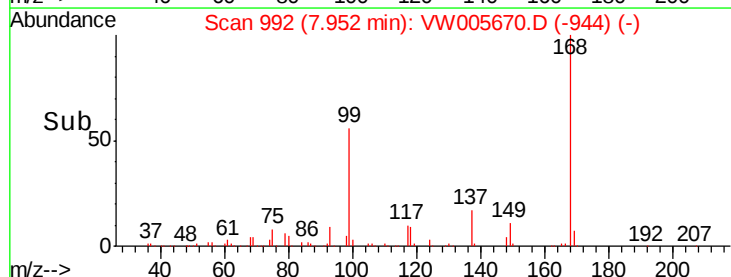
3000

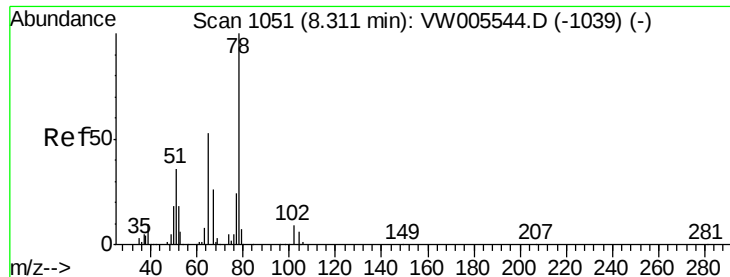
2000

1000

0

Time-->

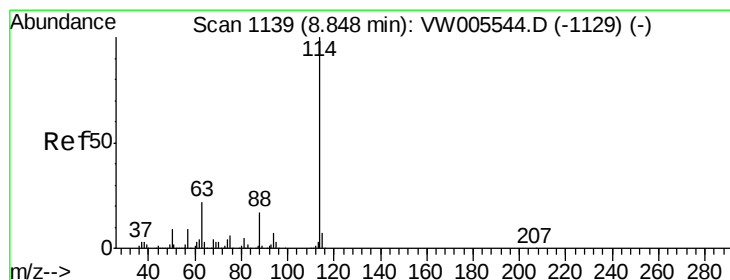
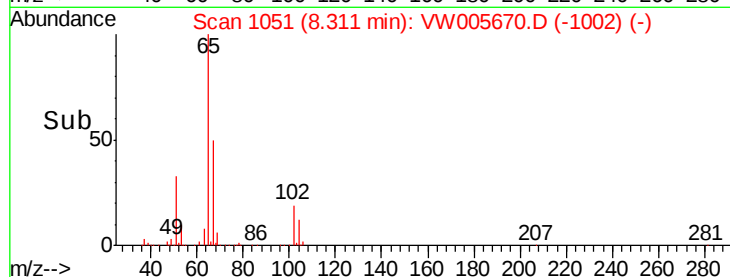
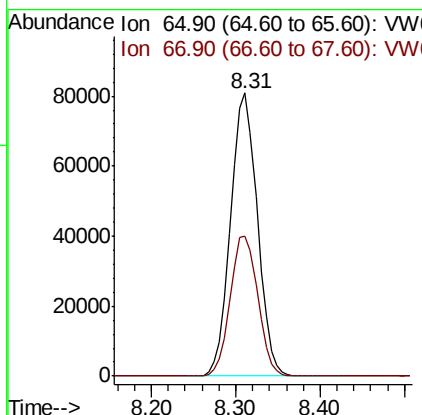
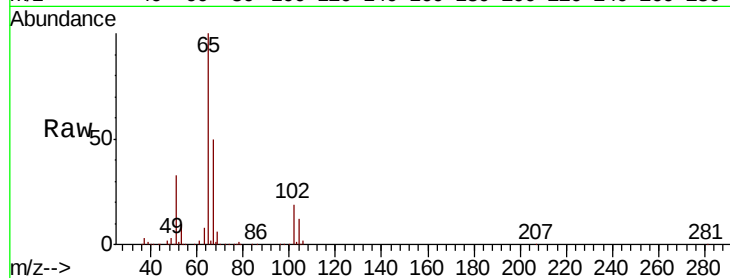




#33
 1,2-Dichloroethane-d4
 Concen: 58.569 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

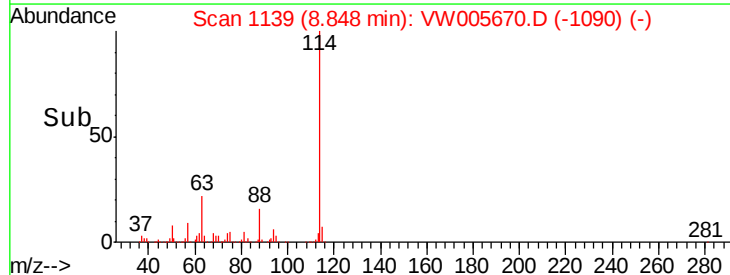
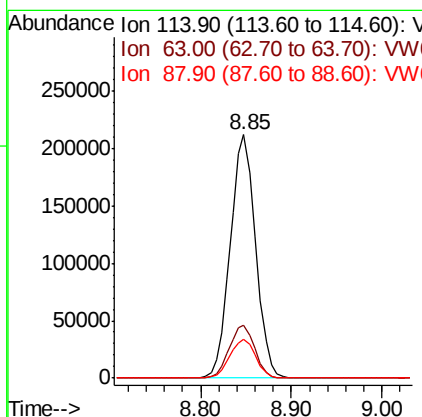
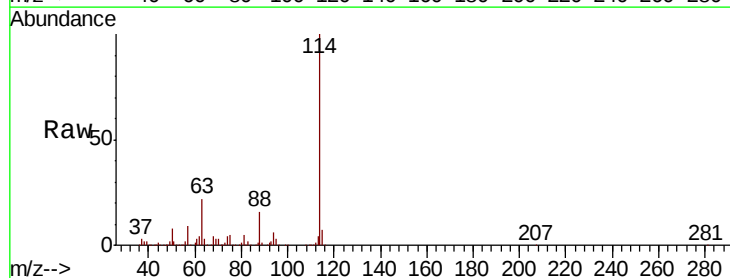
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

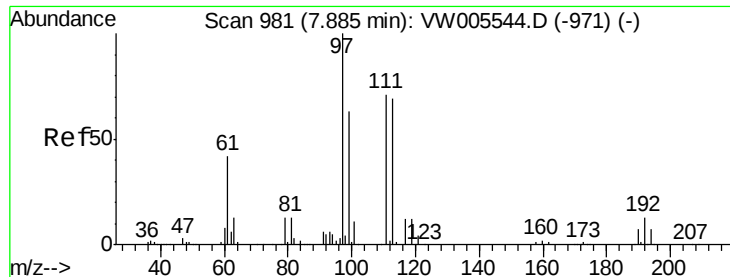
Tgt Ion: 65 Resp: 174414
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

Tgt Ion: 114 Resp: 409637
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 16.0 0.0 33.0

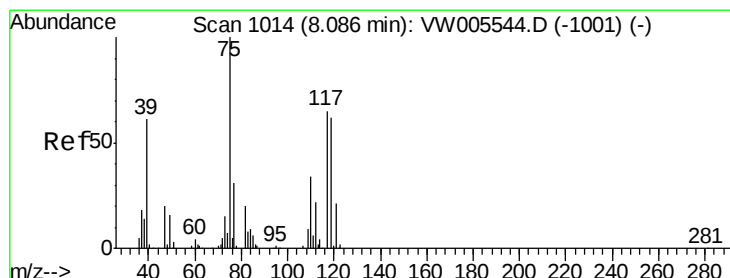
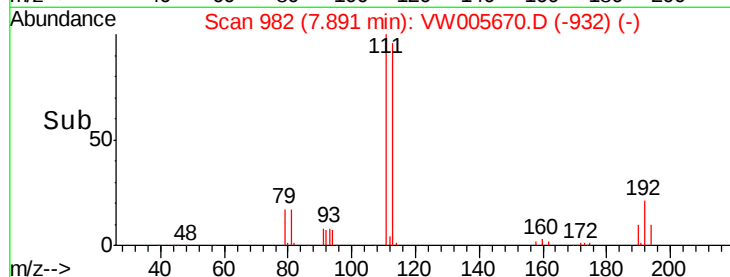
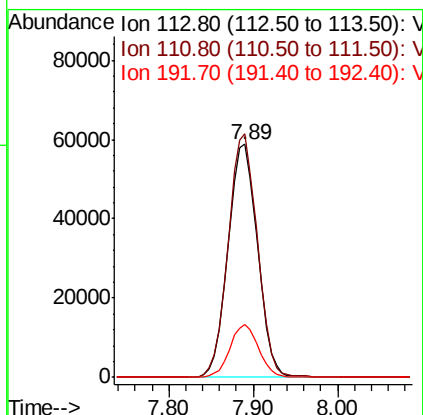
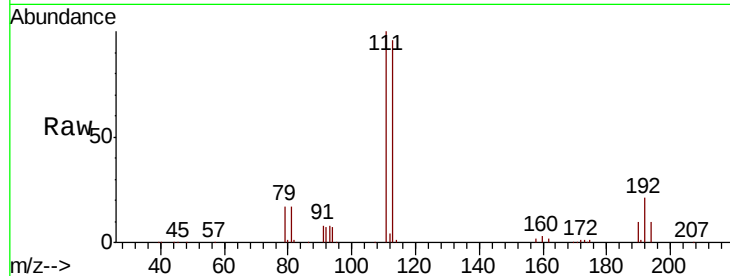




#35
 Dibromofluoromethane
 Concen: 54.194 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

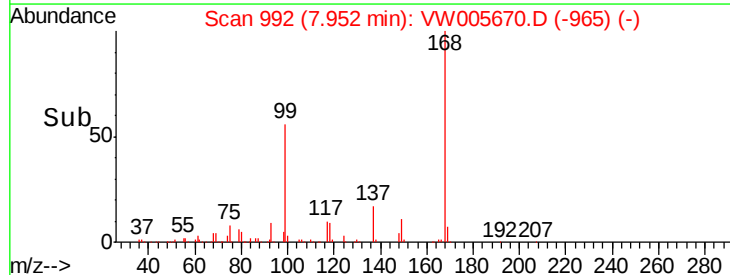
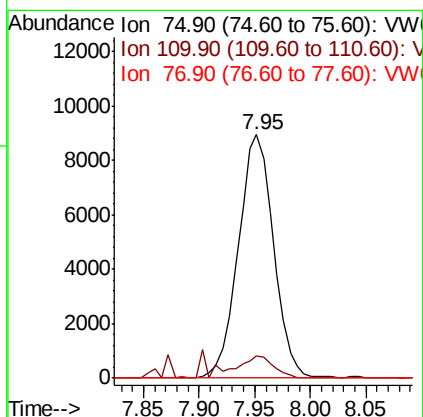
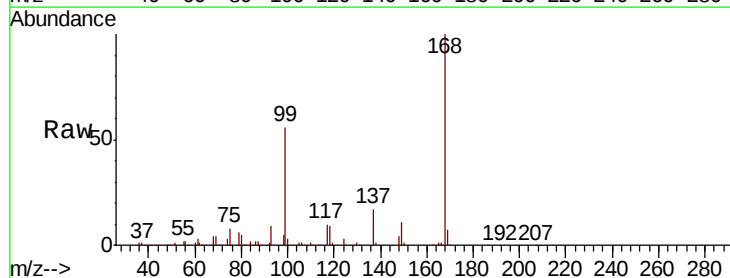
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

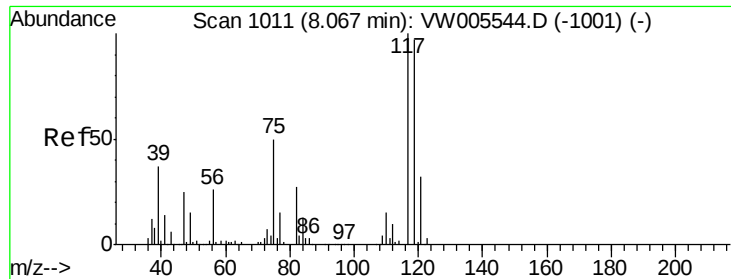
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	21.8	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005670.D
 Acq: 26 Sep 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.0	50.9#
77	0.0	24.8	37.2#

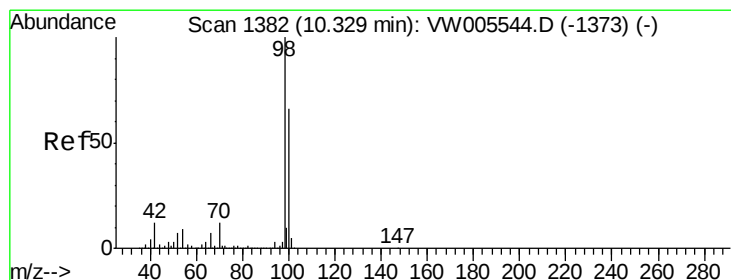
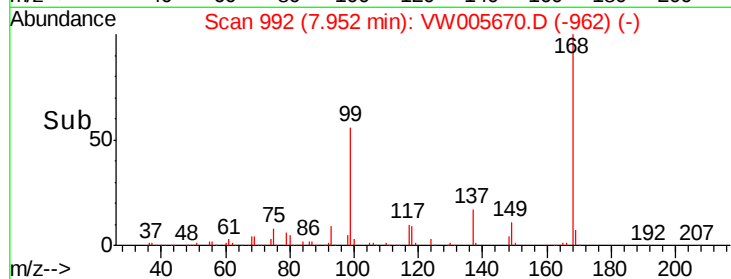
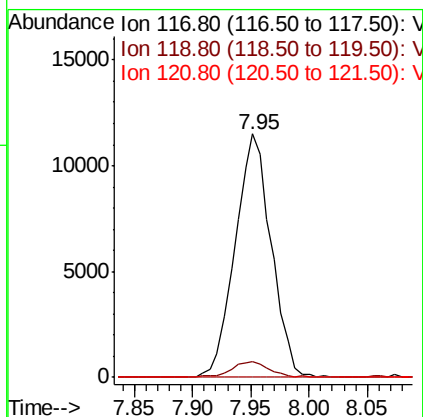
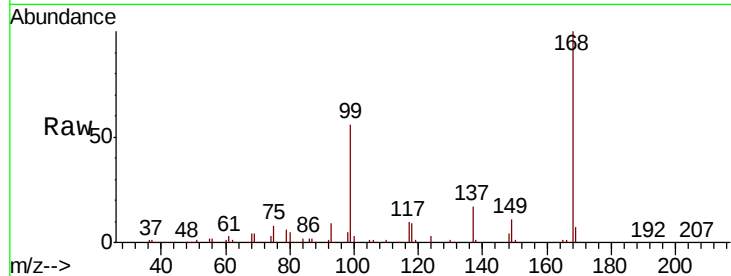




#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

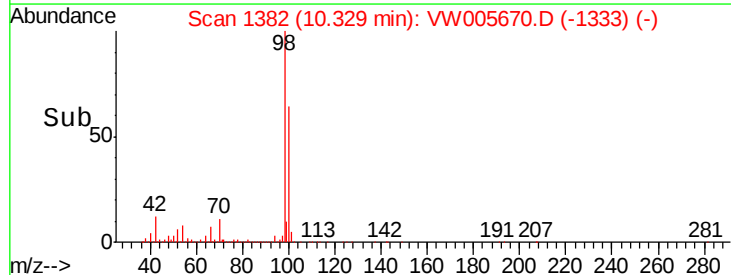
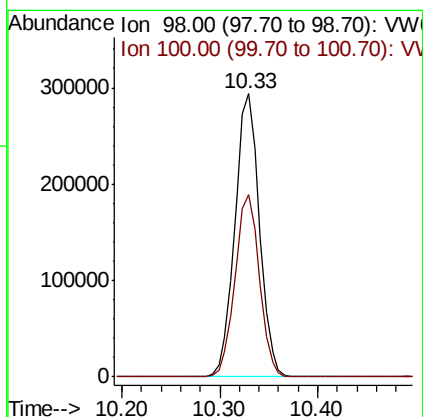
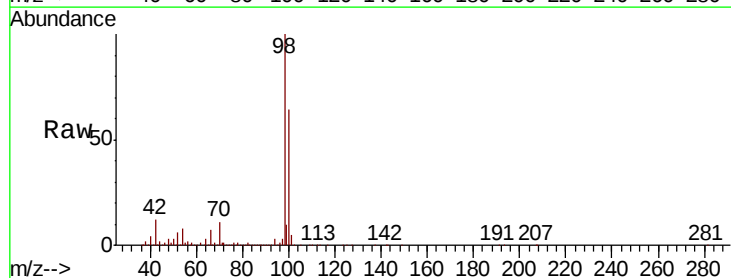
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

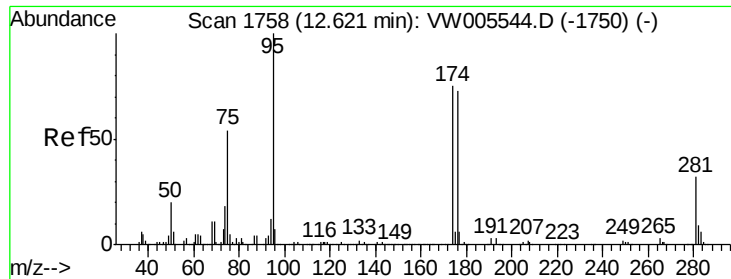
Tgt Ion:117 Resp: 24801
Ion Ratio Lower Upper
117 100
119 6.3 77.6 116.4#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 48.585 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

Tgt Ion: 98 Resp: 509616
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

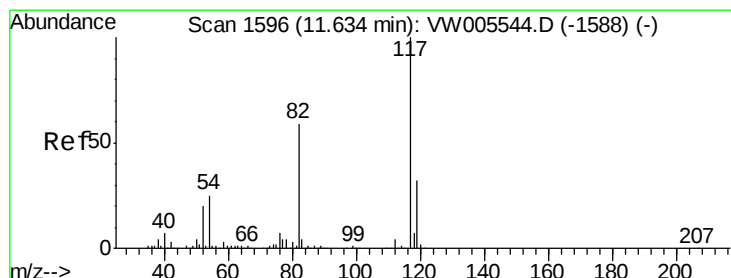
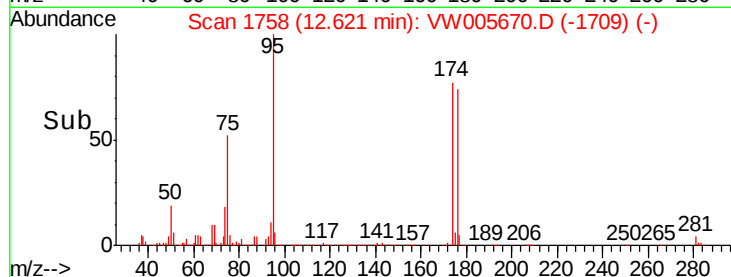
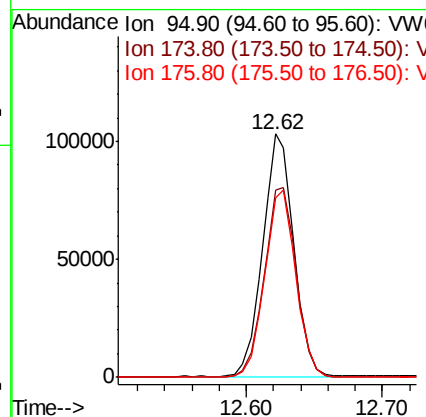
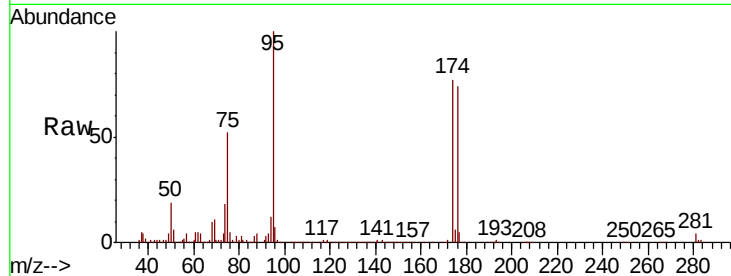




#62
4-Bromofluorobenzene
Concen: 42.413 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

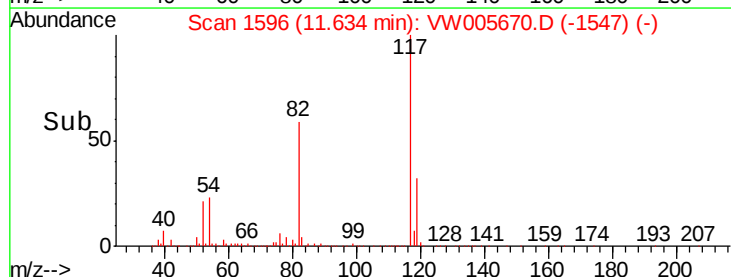
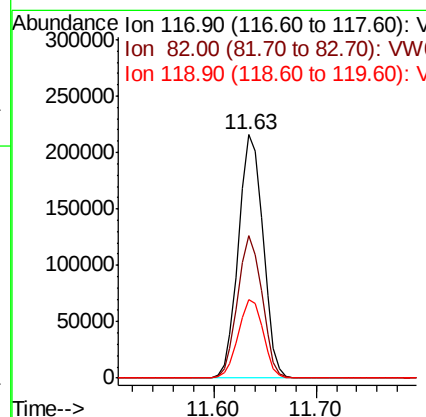
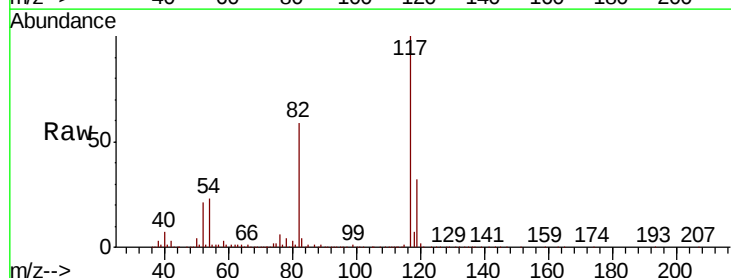
Instrument :
MSVOA_W
ClientSampled :
TP-2-S

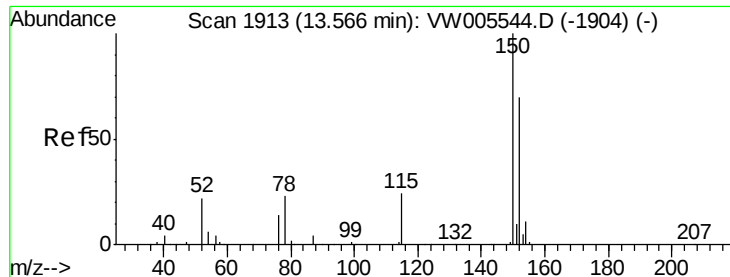
Tgt Ion: 95 Resp: 164616
Ion Ratio Lower Upper
95 100
174 80.4 0.0 163.8
176 77.4 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

Tgt Ion: 117 Resp: 359913
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S

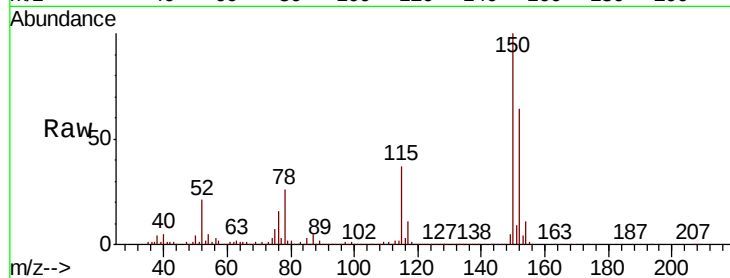
Tgt Ion:152 Resp: 144104

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

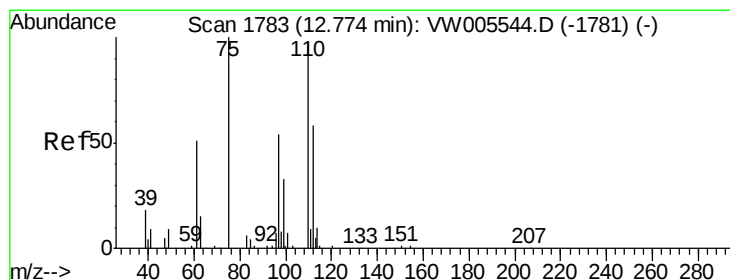
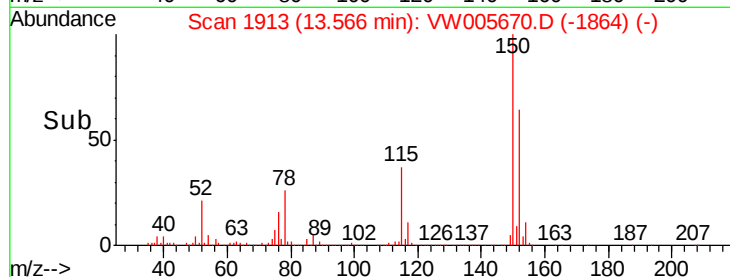
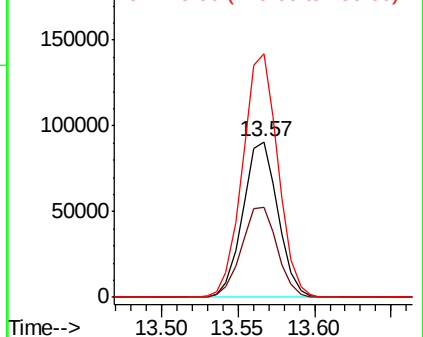
150 157.6 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 69.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005670.D

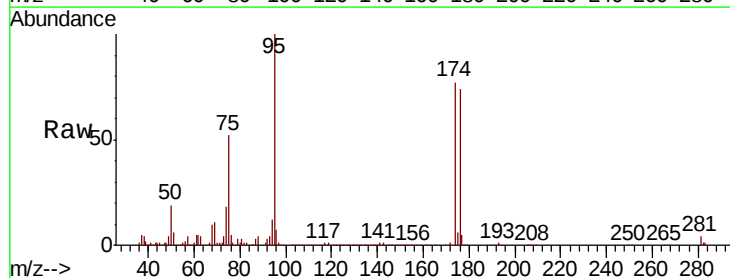
Acq: 26 Sep 2018 22:52

Tgt Ion: 75 Resp: 84956

Ion Ratio Lower Upper

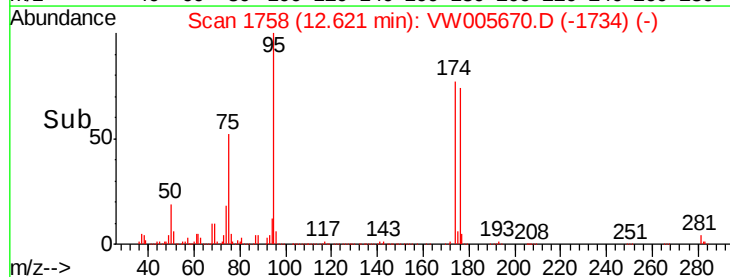
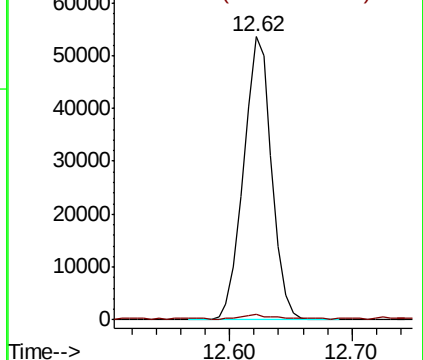
75 100

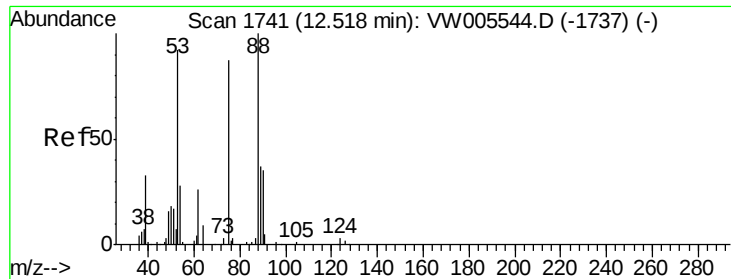
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 155.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S

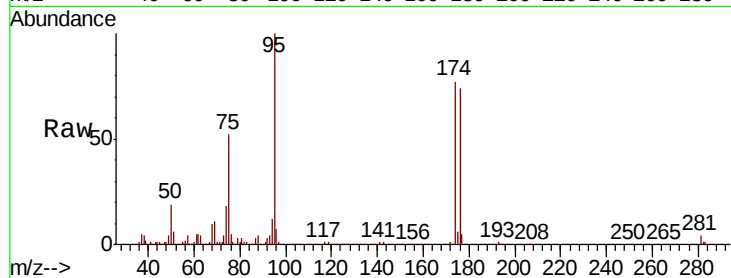
Tgt Ion: 75 Resp: 84956

Ion Ratio Lower Upper

75 100

53 0.4 85.8 128.6#

89 0.1 37.3 55.9#



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

