

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005694.D
 Acq On : 27 Sep 2018 12:43
 Operator : VA/AP
 Sample : J5102-02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

Quant Time: Sep 28 01:20:50 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	204164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	324495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109176	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141539	58.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.70%	
35) Dibromofluoromethane	7.89	113	111812	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	10.33	98	395640	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.63	95	121076	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	

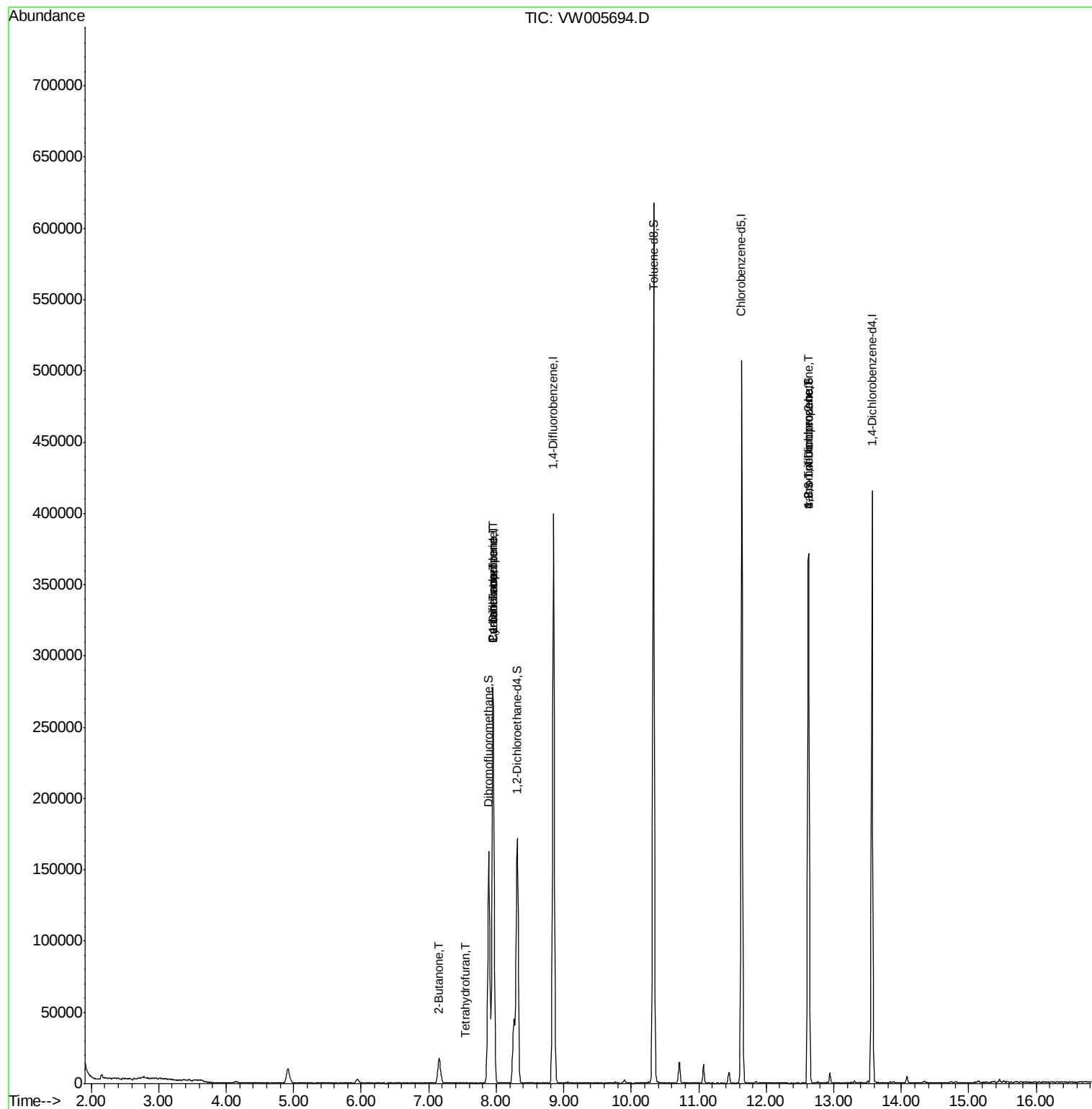
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	276	Below Cal	#	41
11) Tert butyl alcohol	5.21	59	189	Below Cal	#	72
16) Acetone	4.14	43	1887	Below Cal		92
20) Methylene Chloride	4.91	84	8095	Below Cal		96
25) 2-Butanone	7.15	43	993	1.700	ug/l #	76
29) Tetrahydrofuran	7.54	42	430	1.178	ug/l #	38
31) Cyclohexane	7.95	56	4367	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15775	4.829	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20232	5.780	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	62671	67.341	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62671	151.672	ug/l #	7

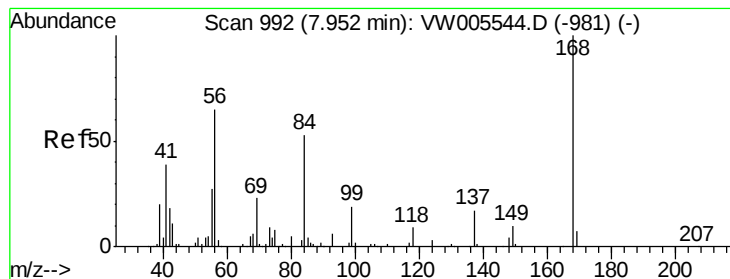
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
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Quant Time: Sep 28 01:20:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
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: VW005694.D

Acq: 27 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

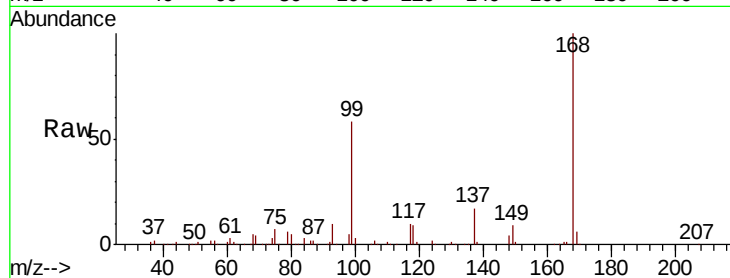
C-1A

Tgt Ion:168 Resp: 204164

Ion Ratio Lower Upper

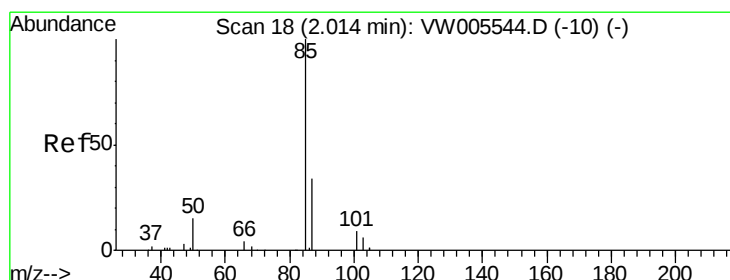
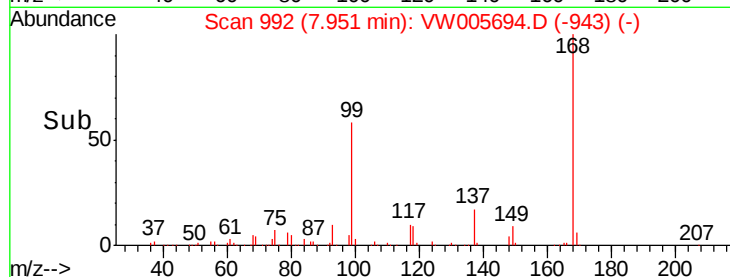
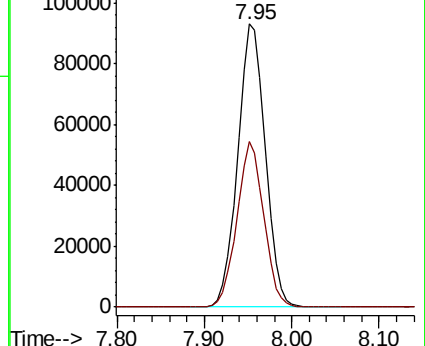
168 100

99 58.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.03 min Scan# 20

Delta R.T. 0.01 min

Lab File: VW005694.D

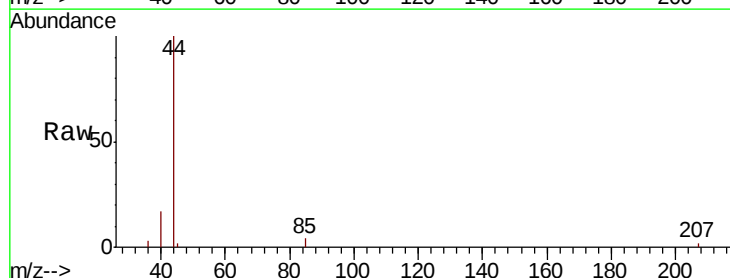
Acq: 27 Sep 2018 12:43

Tgt Ion: 85 Resp: 276

Ion Ratio Lower Upper

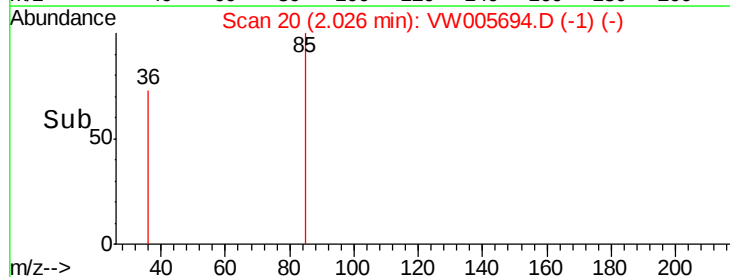
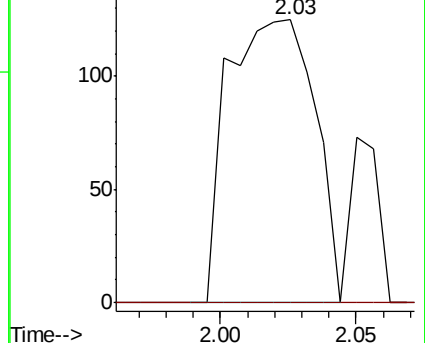
85 100

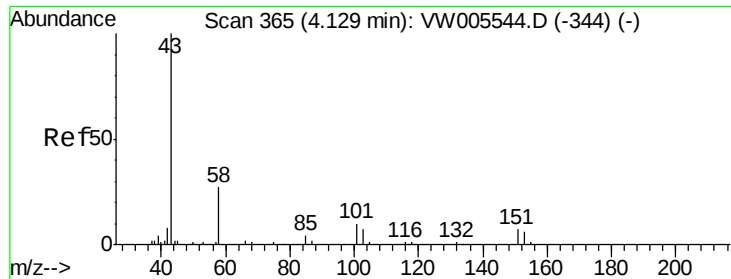
87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

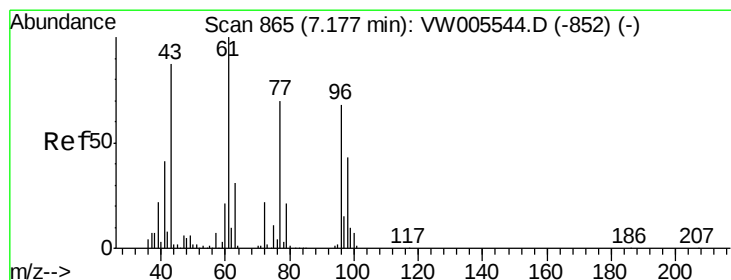
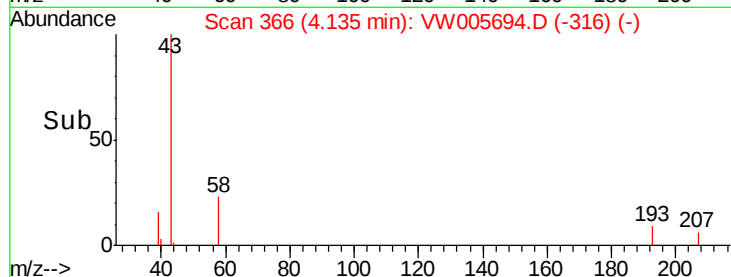
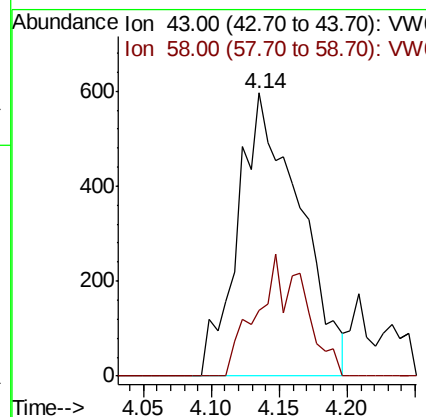
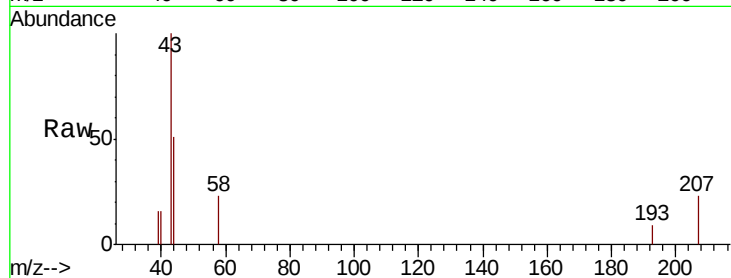




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

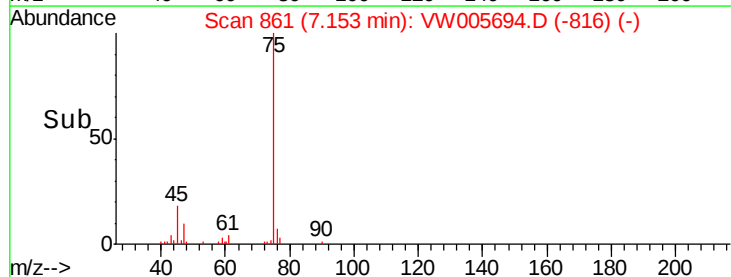
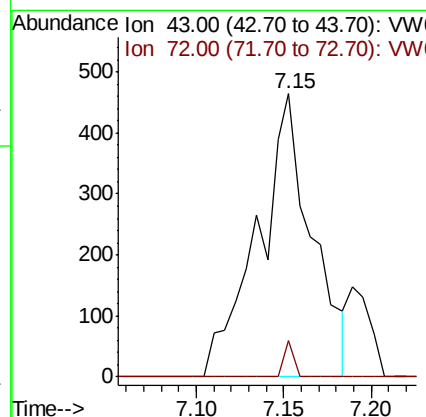
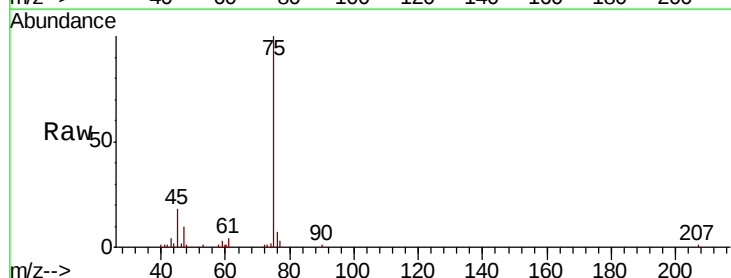
Instrument :
MSVOA_W
ClientSampleId :
C-1A

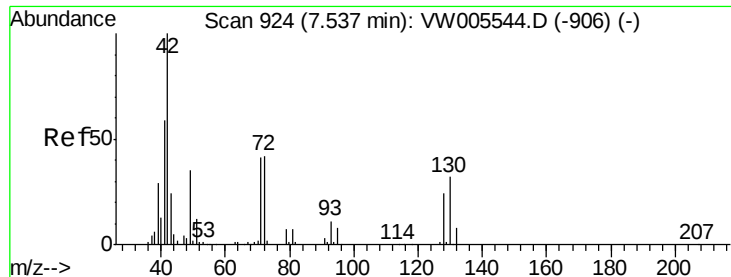
Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 23.2 21.8 32.8



#25
2-Butanone
Concen: 1.700 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
72 12.9 19.9 29.9#

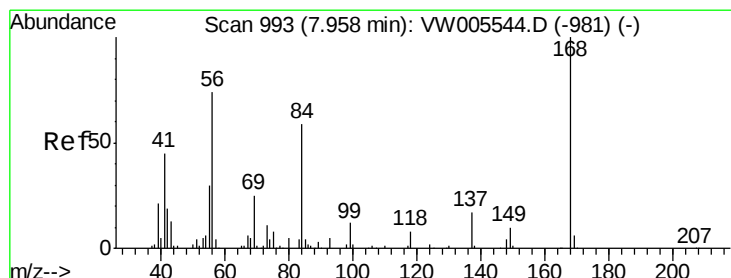
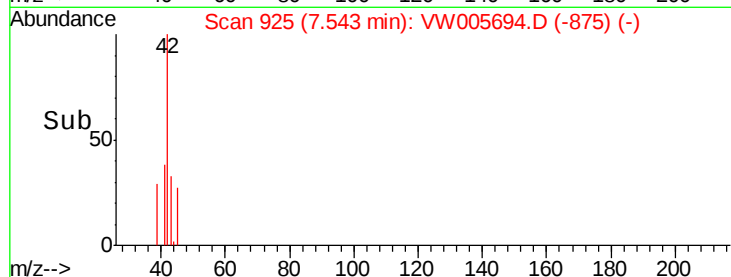
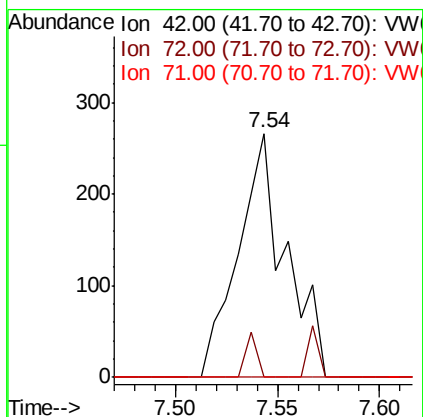
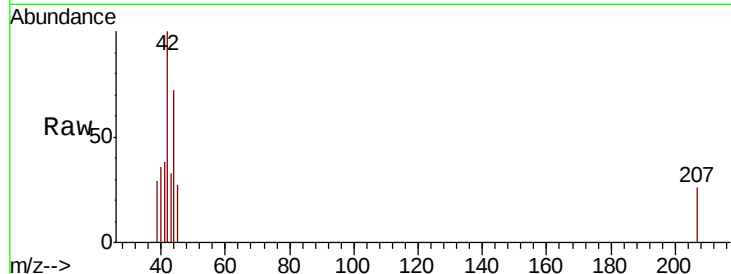




#29
Tetrahydrofuran
Concen: 1.178 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

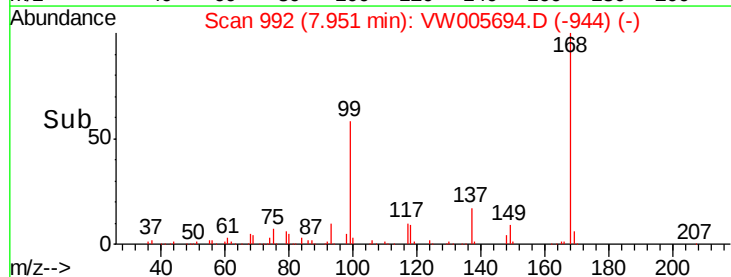
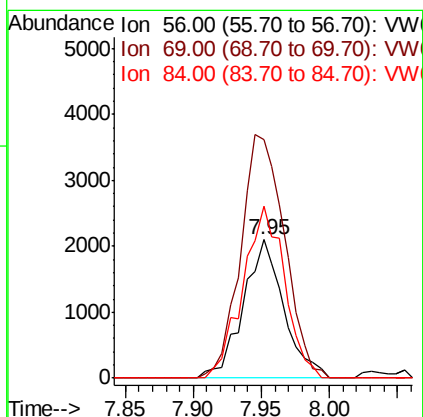
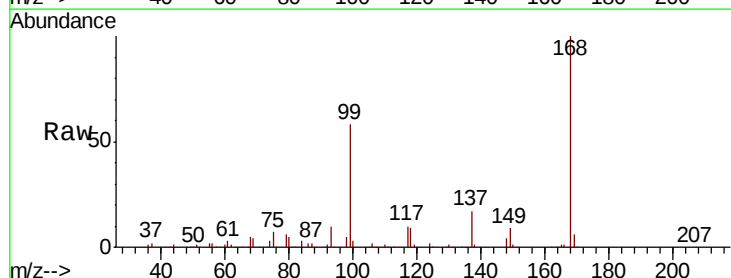
Instrument :
MSVOA_W
ClientSampleId :
C-1A

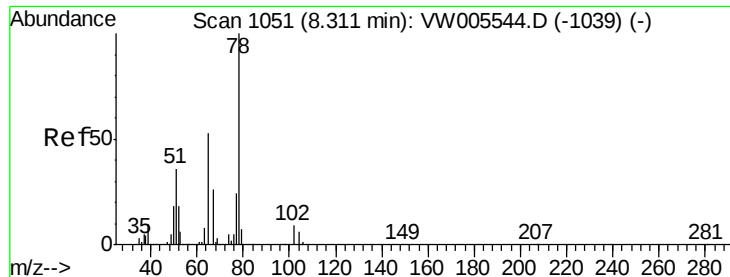
Tgt Ion: 42 Resp: 430
Ion Ratio Lower Upper
42 100
72 4.2 33.6 50.4#
71 0.0 31.8 47.6#



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

Tgt Ion: 56 Resp: 4367
Ion Ratio Lower Upper
56 100
69 172.4 27.0 40.4#
84 124.9 64.2 96.4#

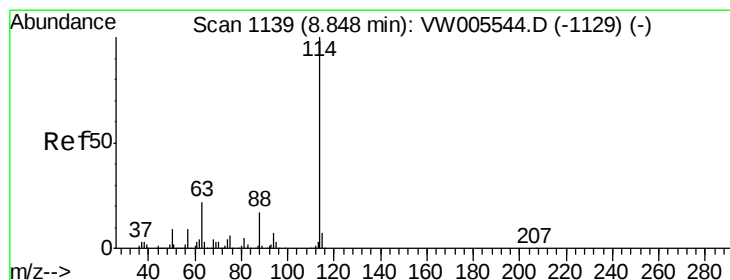
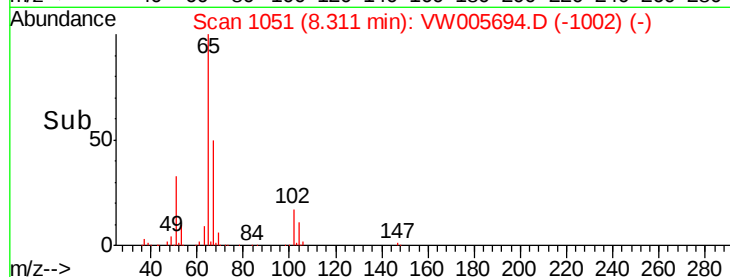
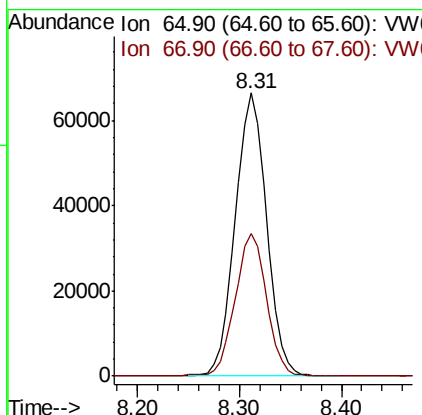
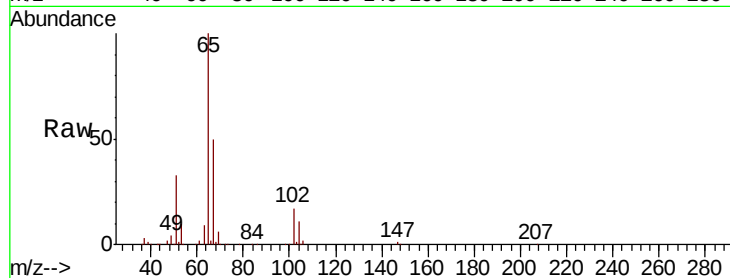




#33
 1,2-Dichloroethane-d4
 Concen: 58.847 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005694.D
 Acq: 27 Sep 2018 12:43

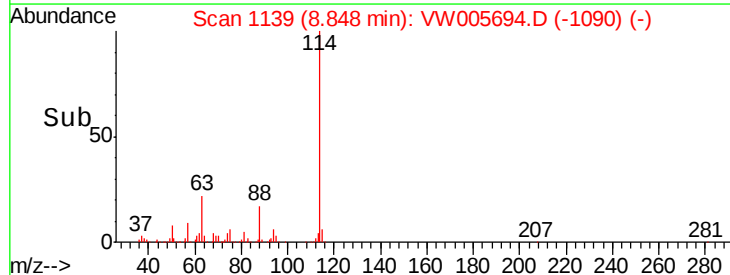
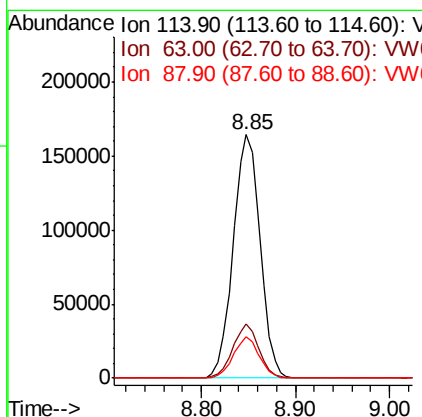
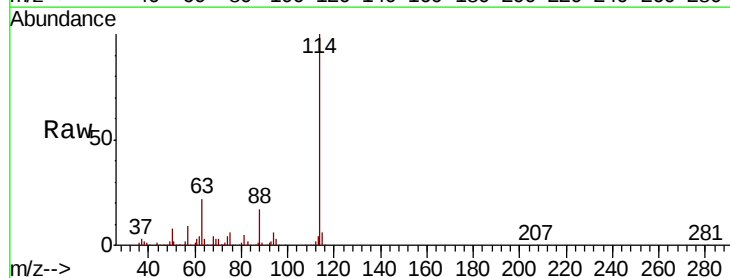
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

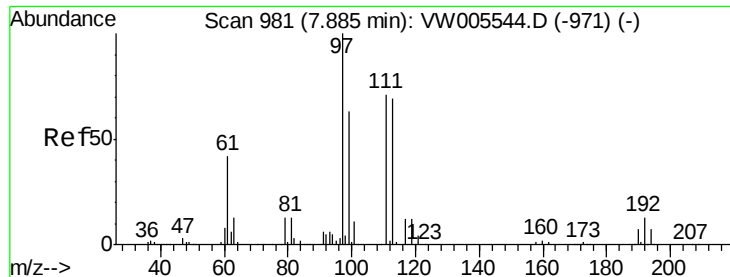
Tgt Ion: 65 Resp: 141539
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005694.D
 Acq: 27 Sep 2018 12:43

Tgt Ion: 114 Resp: 324495
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 16.8 0.0 33.0

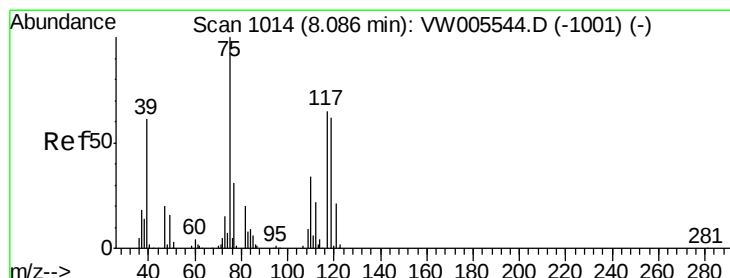
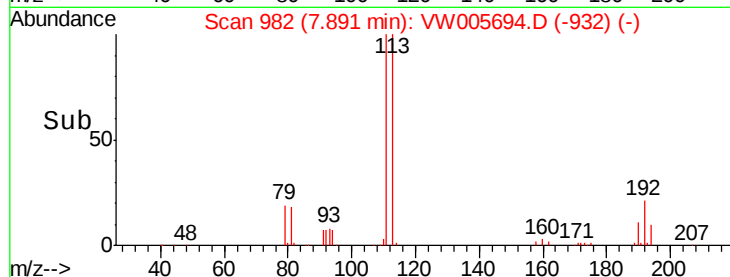
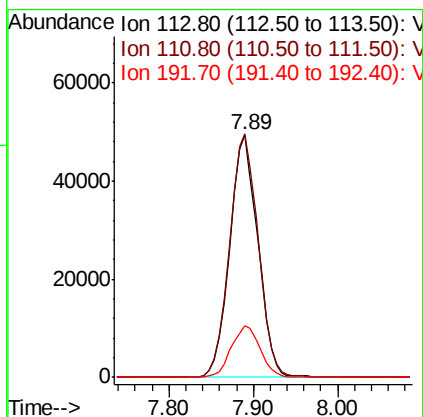
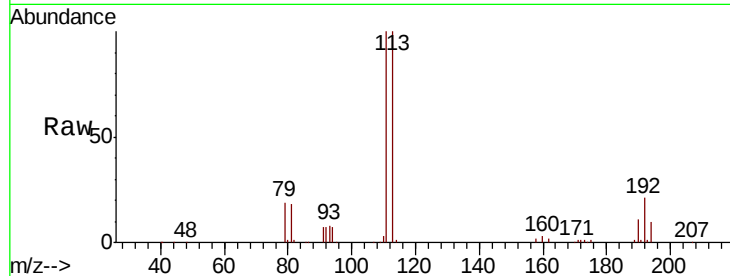




#35
 Dibromofluoromethane
 Concen: 54.793 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005694.D
 Acq: 27 Sep 2018 12:43

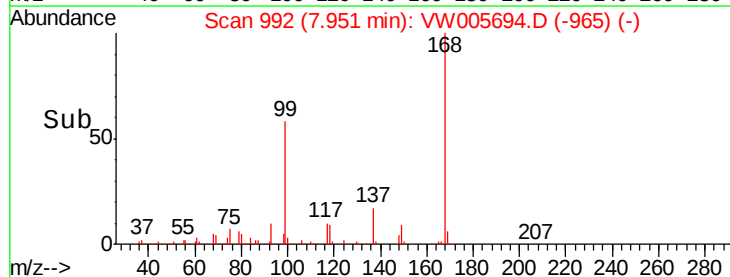
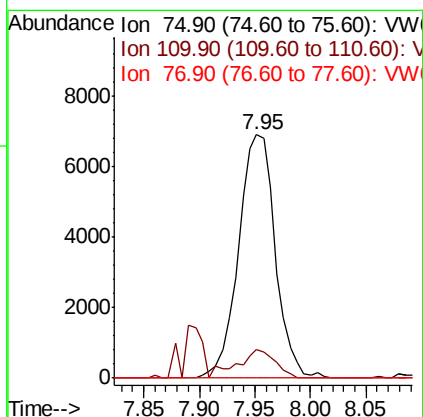
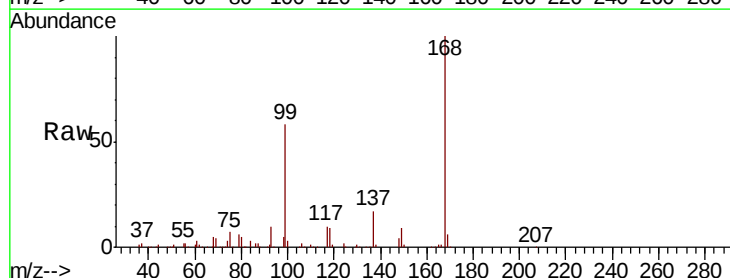
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

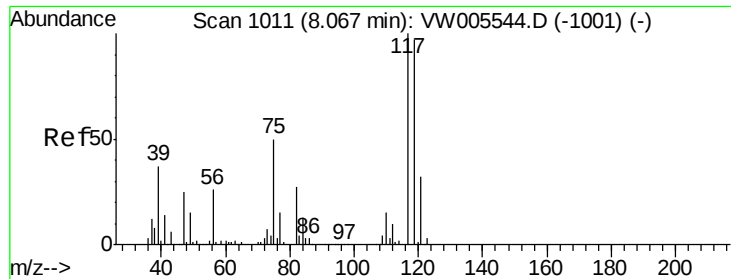
Tgt Ion: 113 Resp: 111812
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 21.6 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005694.D
 Acq: 27 Sep 2018 12:43

Tgt Ion: 75 Resp: 15775
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.0 50.9#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.780 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005694.D

Acq: 27 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

C-1A

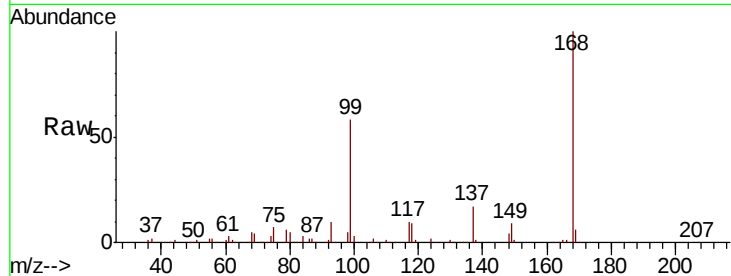
Tgt Ion:117 Resp: 20232

Ion Ratio Lower Upper

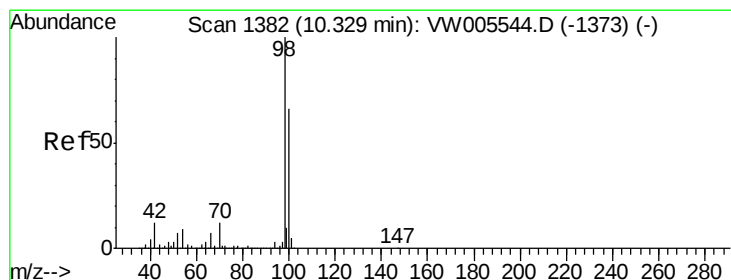
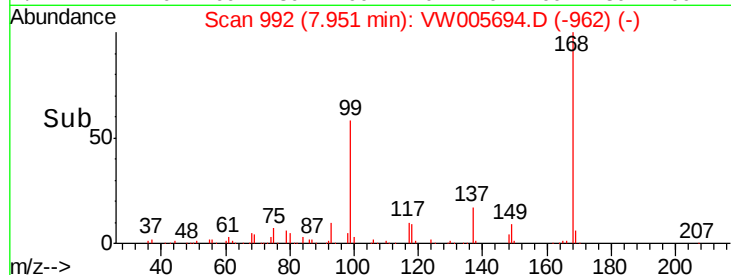
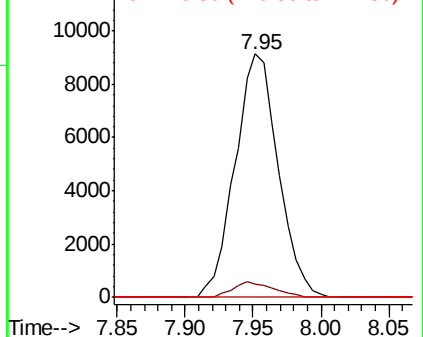
117 100

119 5.7 77.6 116.4#

121 0.0 25.7 38.5#



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: 47.616 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005694.D

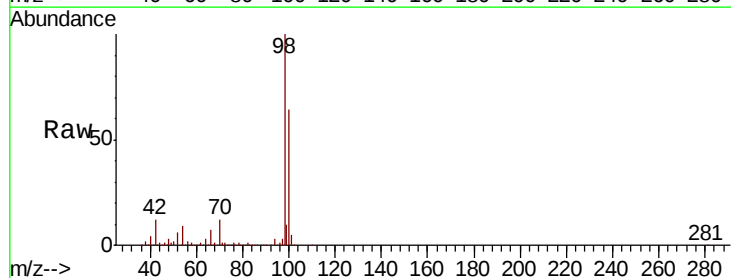
Acq: 27 Sep 2018 12:43

Tgt Ion: 98 Resp: 395640

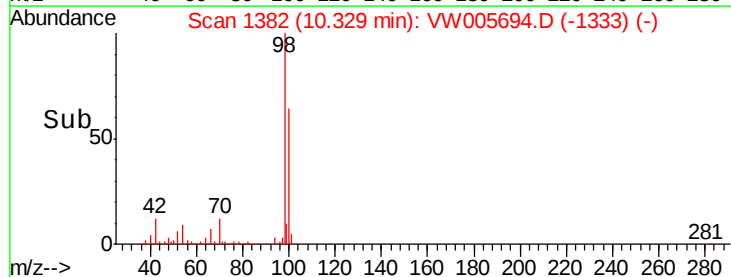
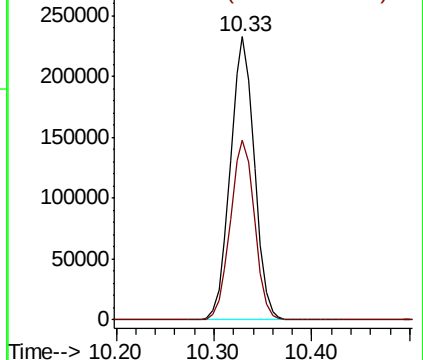
Ion Ratio Lower Upper

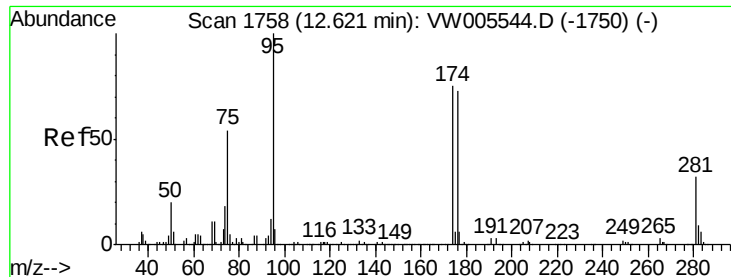
98 100

100 64.1 51.6 77.4



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

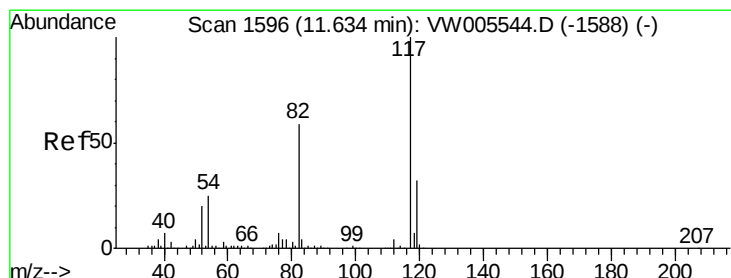
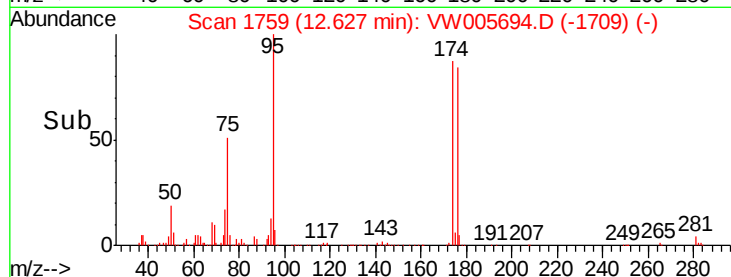
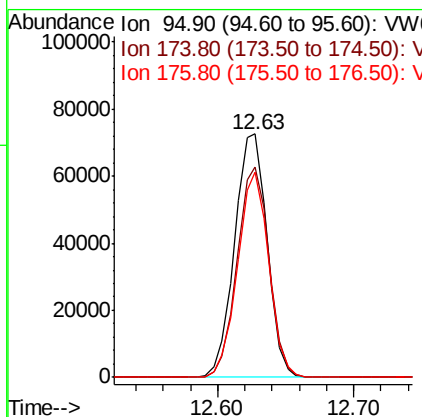
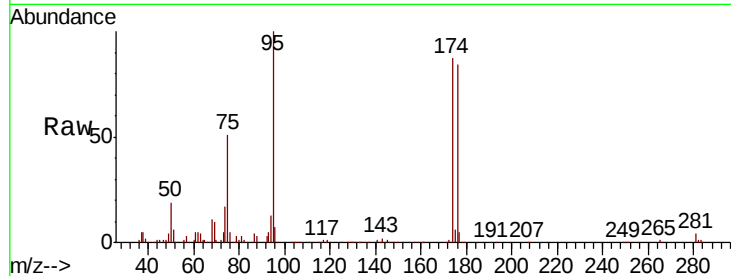




#62
4-Bromofluorobenzene
Concen: 39.380 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

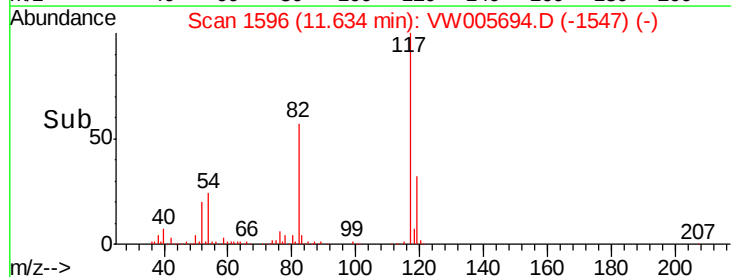
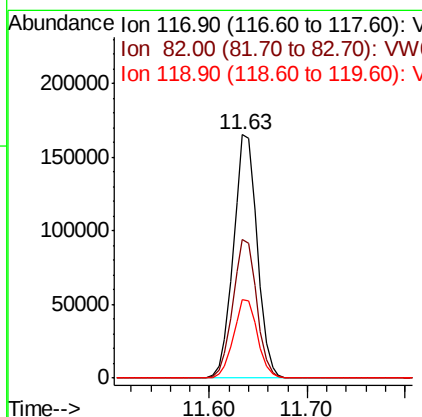
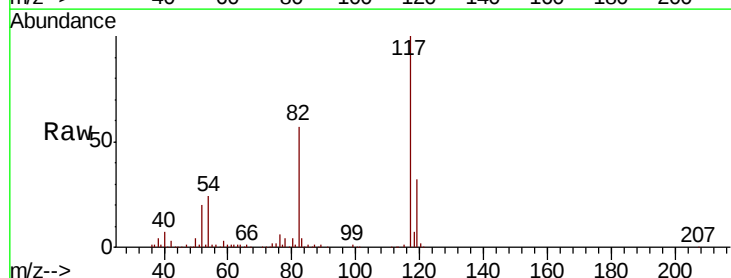
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C-1A

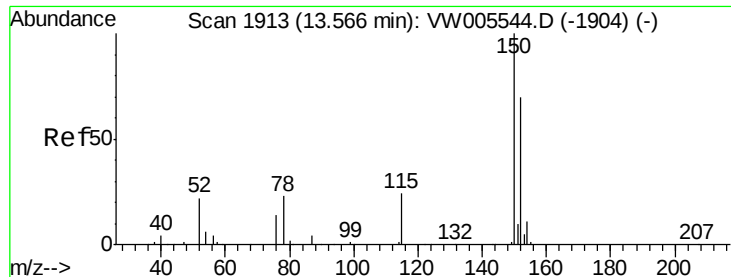
Tgt Ion: 95 Resp: 121076
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.8
176 80.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005694.D
Acq: 27 Sep 2018 12:43

Tgt Ion: 117 Resp: 278052
Ion Ratio Lower Upper
117 100
82 57.1 46.9 70.3
119 32.1 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: VW005694.D

Acq: 27 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

C-1A

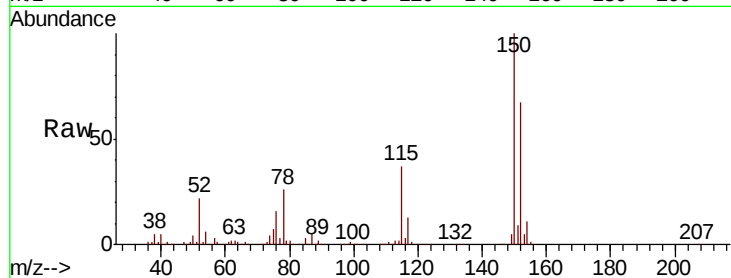
Tgt Ion:152 Resp: 109176

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

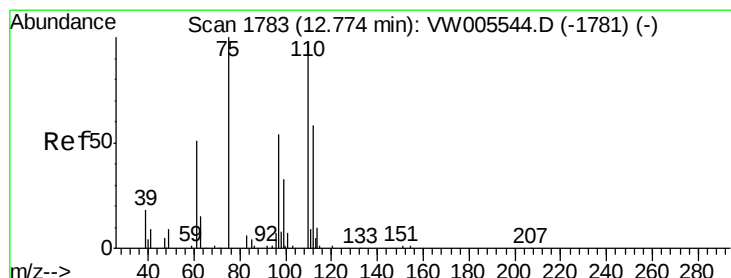
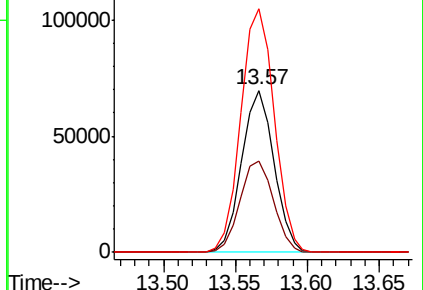
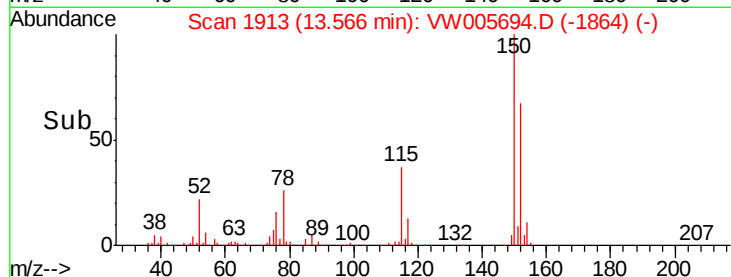
150 154.9 0.0 348.6



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: 67.341 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005694.D

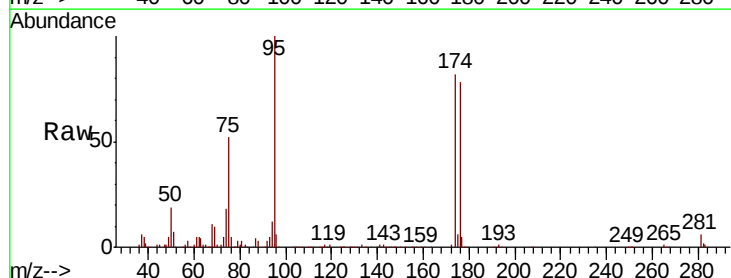
Acq: 27 Sep 2018 12:43

Tgt Ion: 75 Resp: 62671

Ion Ratio Lower Upper

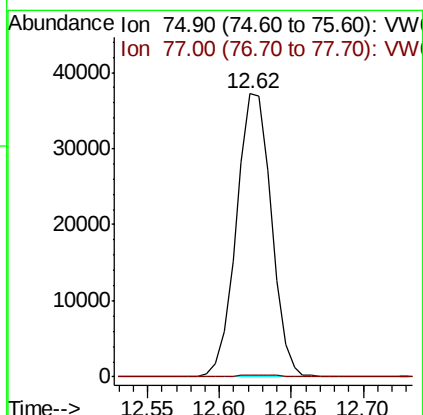
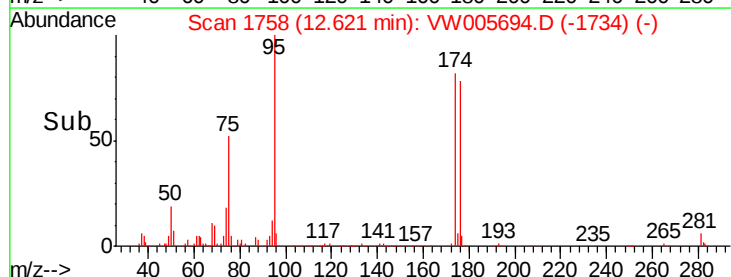
75 100

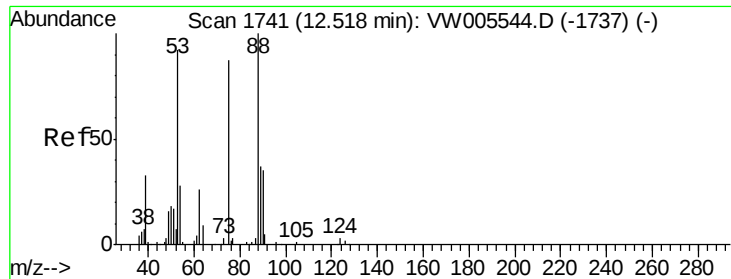
77 0.9 0.0 0.0#



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: 151.672 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005694.D

Acq: 27 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

C-1A

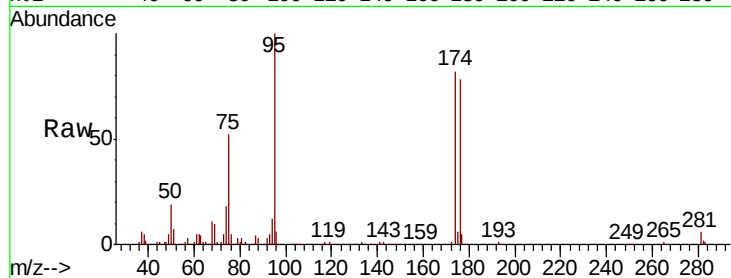
Tgt Ion: 75 Resp: 62671

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.0 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

