

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011348.D
 Acq On : 18 Jul 2019 22:56
 Operator : SY/VA
 Sample : VW0718SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBL02

Quant Time: Jul 19 06:47:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	119678	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
35) Dibromofluoromethane	7.88	113	93619	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.32	98	379872	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	125151	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

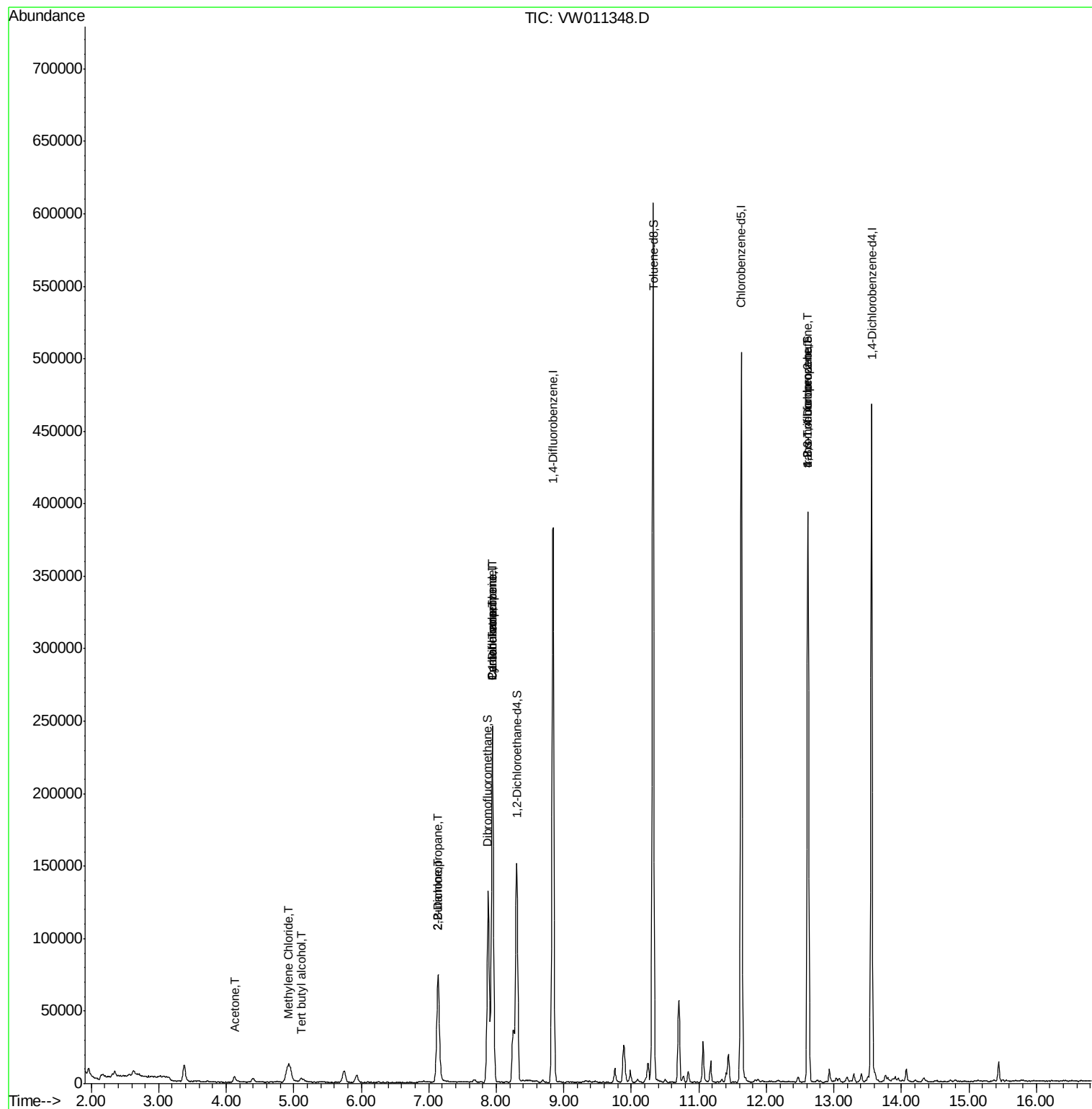
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	3452	20.671	ug/l #	70
16) Acetone	4.12	43	7655	14.105	ug/l	96
18) Methyl Acetate	4.64	43	102	Below Cal	#	57
20) Methylene Chloride	4.92	84	7710	3.601	ug/l	91
25) 2-Butanone	7.14	43	5067	5.948	ug/l #	80
26) 2,2-Dichloropropane	7.14	77	4830	2.262	ug/l #	53
31) Cyclohexane	7.95	56	4693	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15592	4.813	ug/l #	51
38) Carbon Tetrachloride	7.94	117	18131	6.601	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	66170	51.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66170	116.069	ug/l #	6

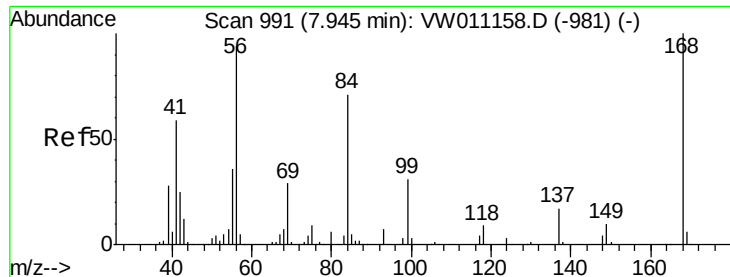
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

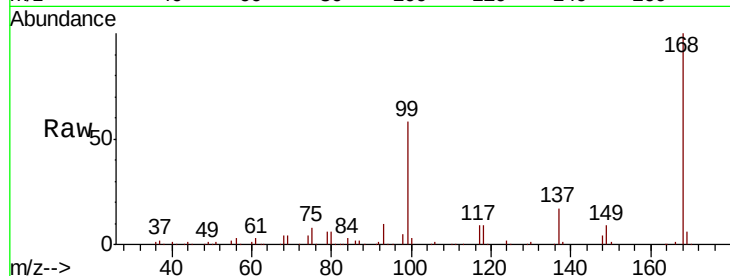
VW0718SBL02

Tot Ion:168 Resp: 179506

Ion Ratio Lower Upper

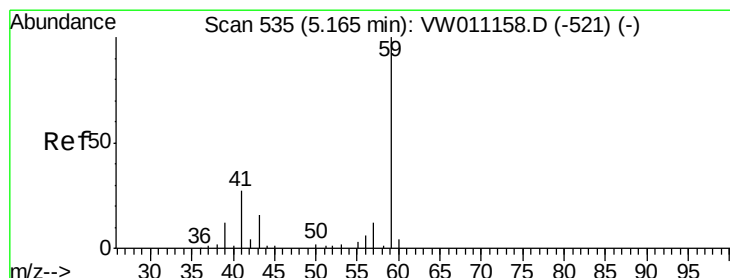
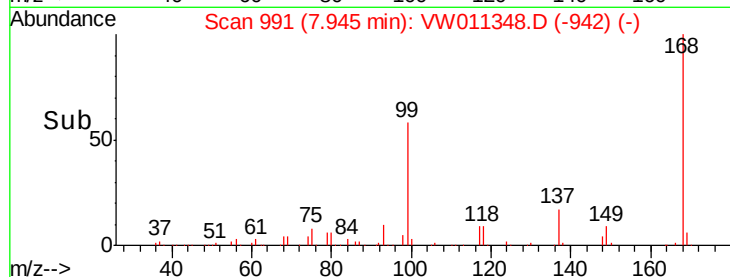
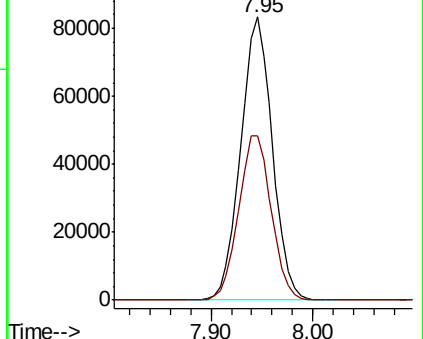
168 100

99 57.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 20.671 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011348.D

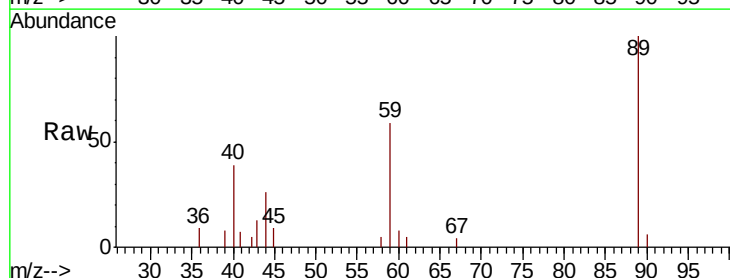
Acq: 18 Jul 2019 22:56

Tgt Ion: 59 Resp: 3452

Ion Ratio Lower Upper

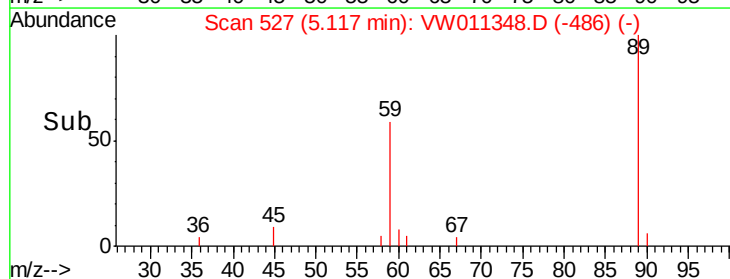
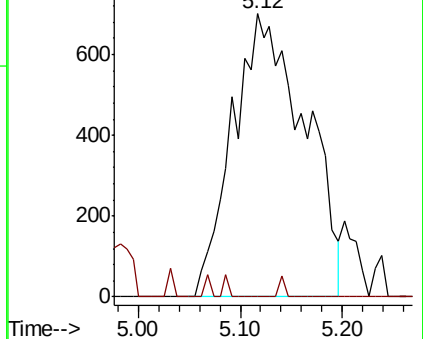
59 100

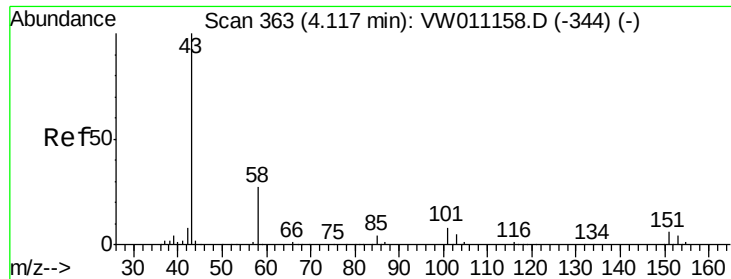
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 14.105 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

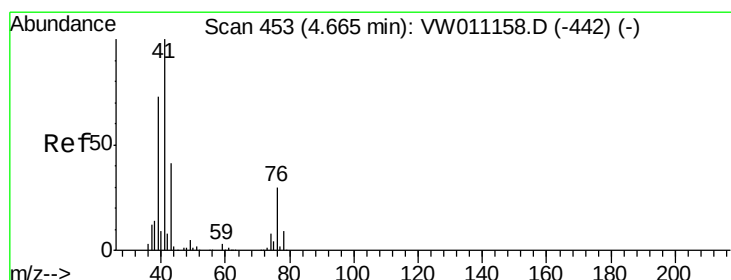
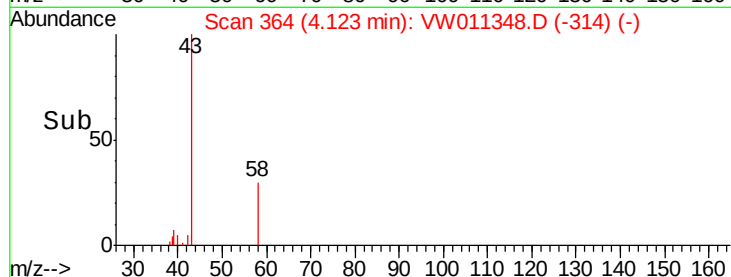
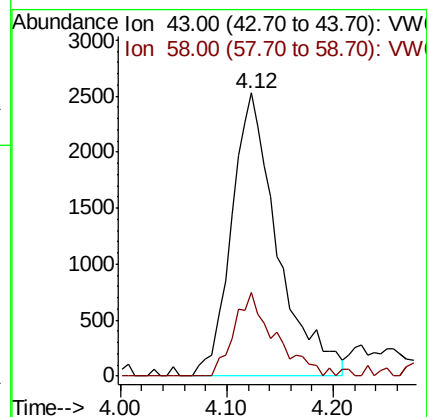
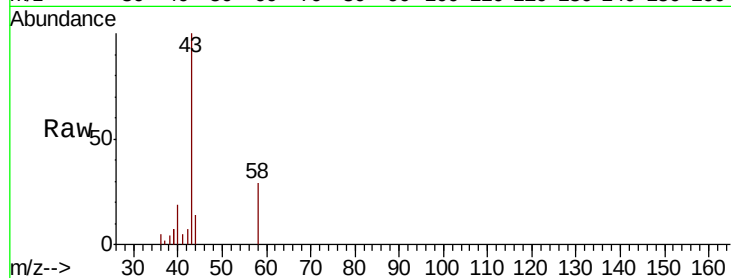
VW0718SBL02

Tot Ion: 43 Resp: 7655

Ion Ratio Lower Upper

43 100

58 29.4 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.64 min Scan# 449

Delta R.T. -0.02 min

Lab File: VW011348.D

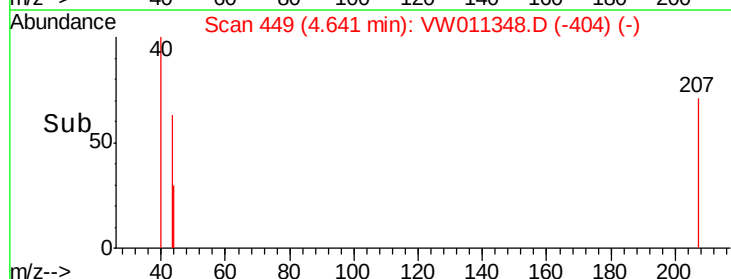
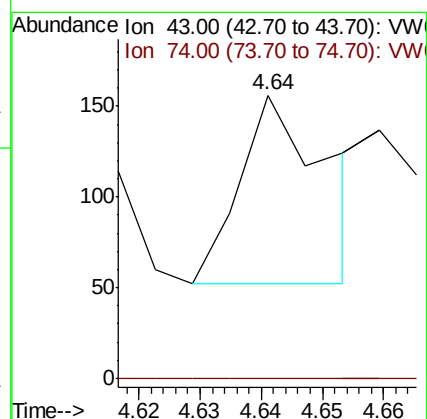
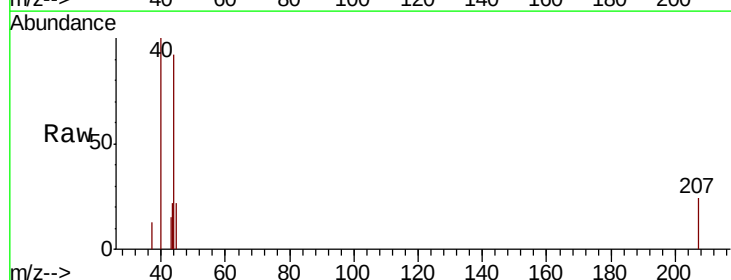
Acq: 18 Jul 2019 22:56

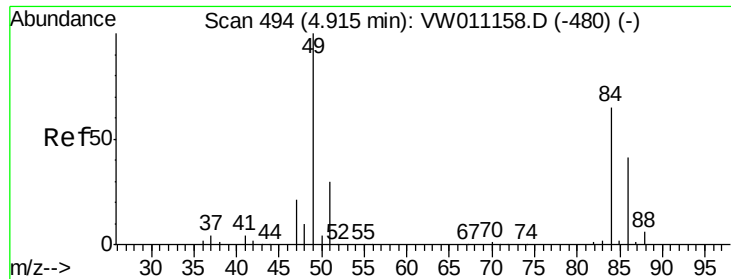
Tgt Ion: 43 Resp: 102

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

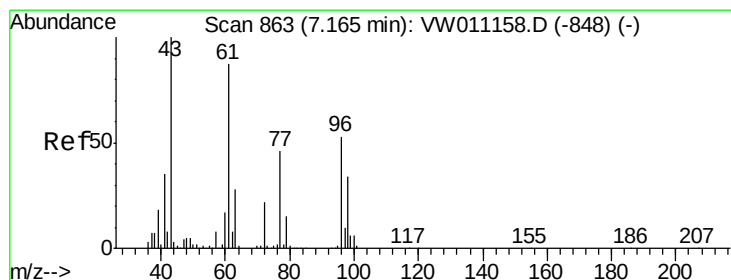
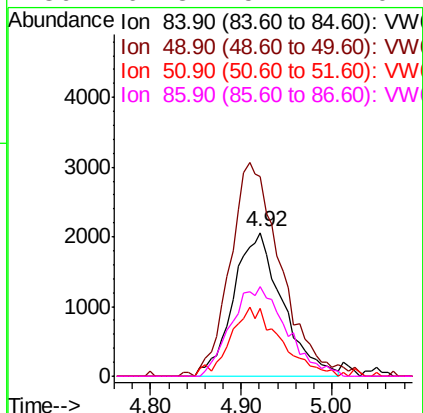
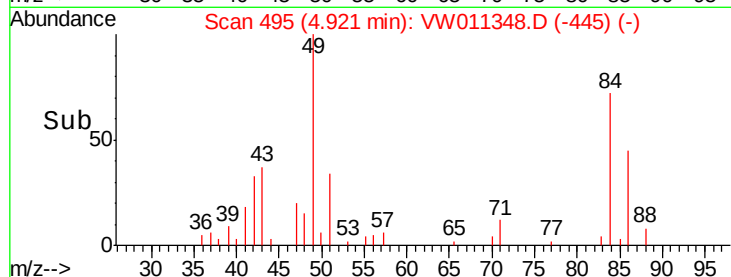
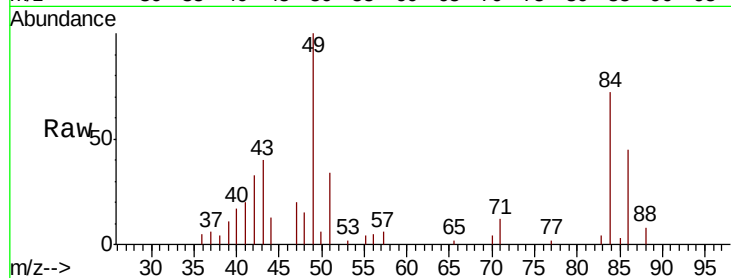




#20
Methvlene Chloride
Concen: 3.601 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

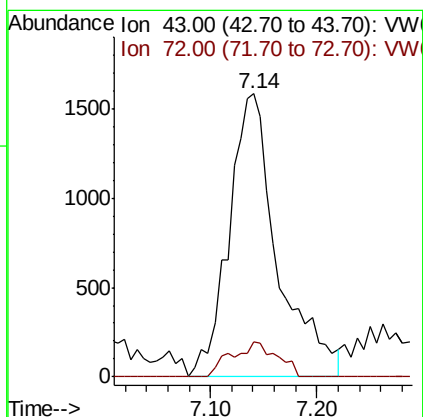
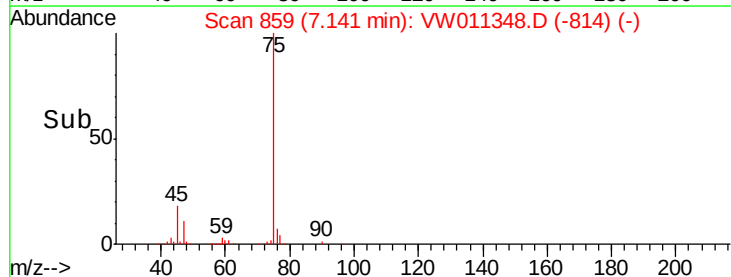
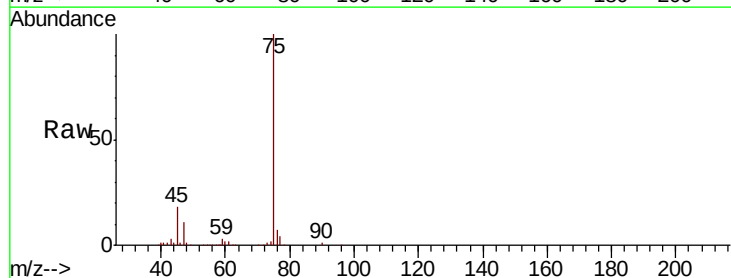
Instrument :
MSVOA_W
ClientSampleId :
VW0718SBL02

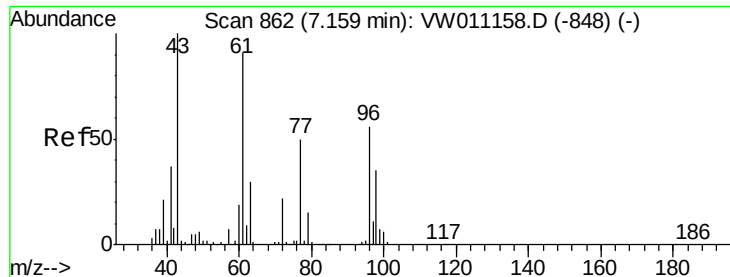
Tot Ion:	84	Resp:	7710
Ion	Ratio	Lower	Upper
84	100		
49	136.4	123.8	185.6
51	46.9	37.4	56.2
86	62.3	51.1	76.7



#25
2-Butanone
Concen: 5.948 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

Tgt Ion:	43	Resp:	5067
Ion	Ratio	Lower	Upper
43	100		
72	12.4	17.6	26.4#

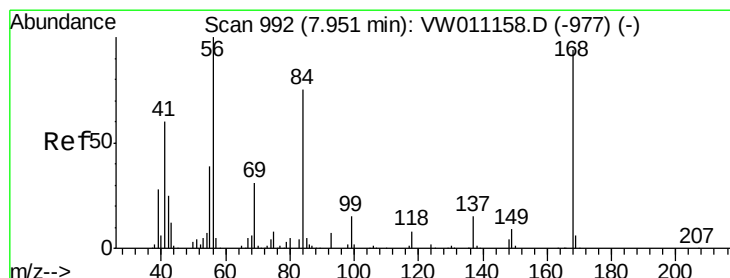
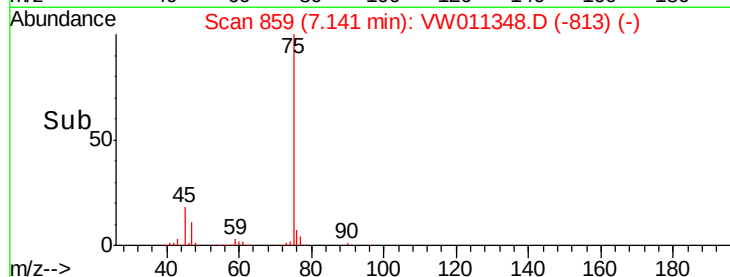
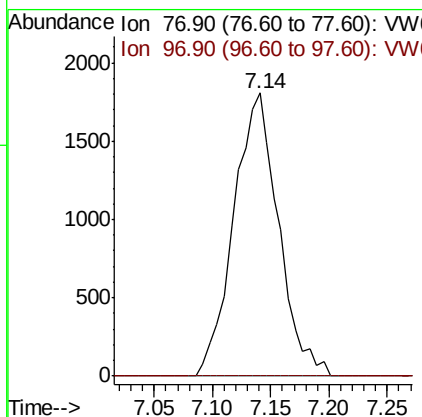
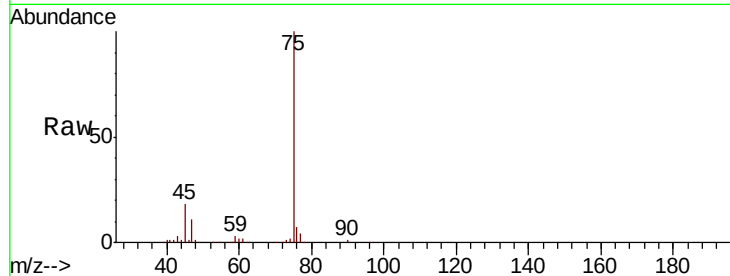




#26
 2,2-Dichloropropane
 Concen: 2.262 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011348.D
 Acq: 18 Jul 2019 22:56

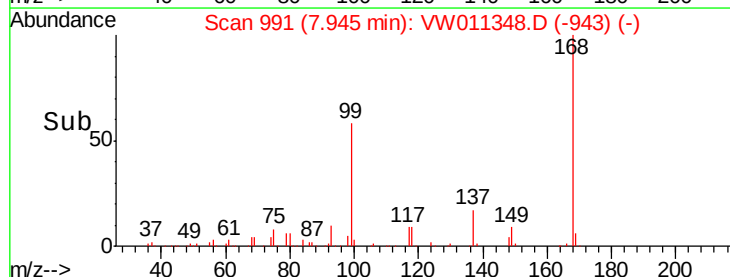
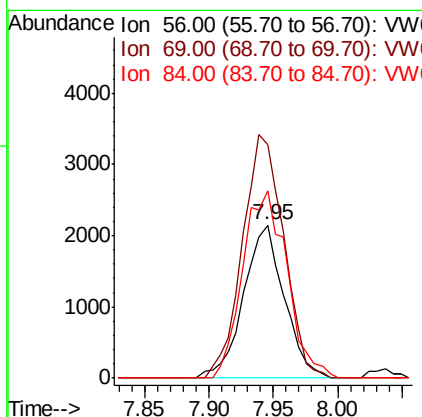
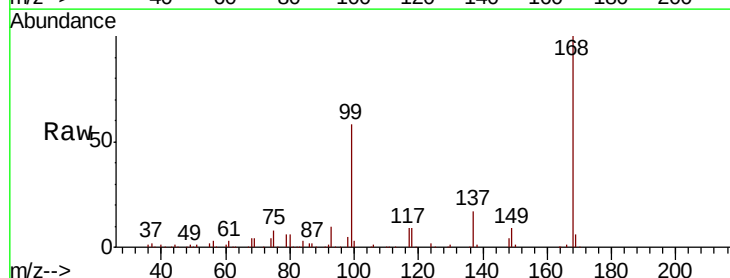
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBL02

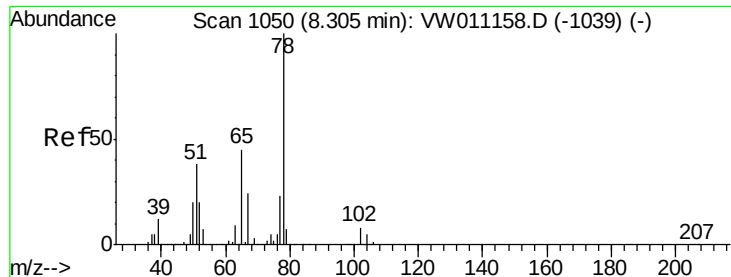
Tot Ion: 77 Resp: 4830
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#31
 Cyclohexane
 Concen: 1.074 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW011348.D
 Acq: 18 Jul 2019 22:56

Tgt Ion: 56 Resp: 4693
 Ion Ratio Lower Upper
 56 100
 69 152.7 24.6 36.8#
 84 122.5 60.1 90.1#

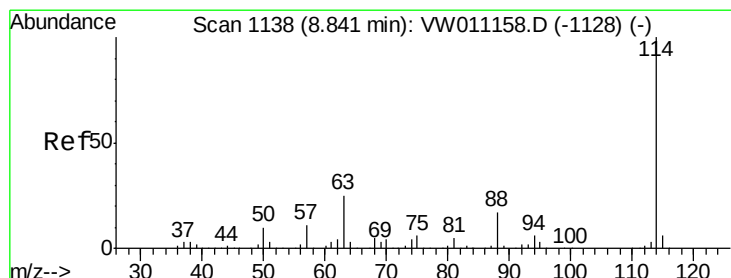
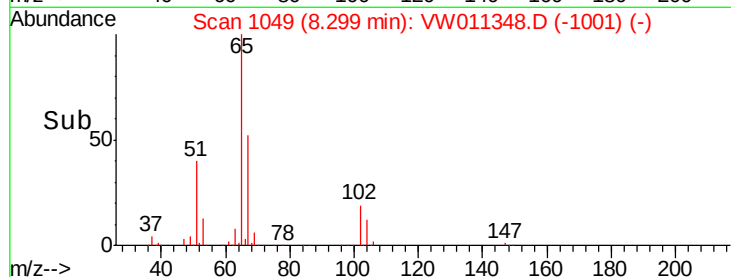
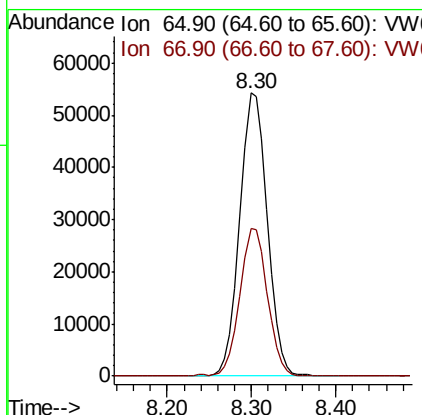
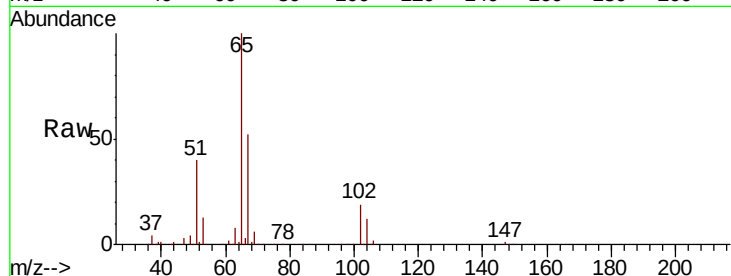




#33
 1,2-Dichloroethane-d4
 Concen: 53.059 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011348.D
 Acq: 18 Jul 2019 22:56

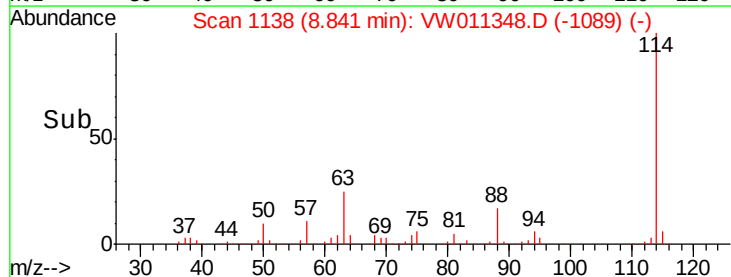
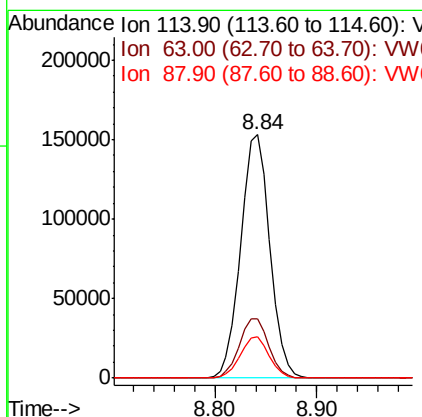
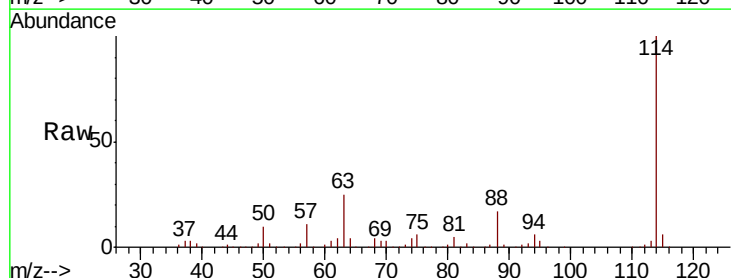
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBL02

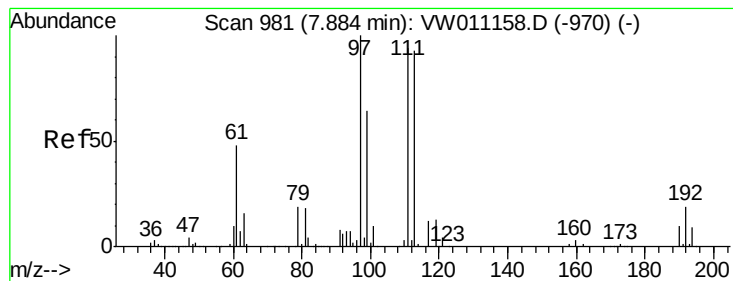
Tot Ion: 65 Resp: 119678
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011348.D
 Acq: 18 Jul 2019 22:56

Tgt Ion: 114 Resp: 304242
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 17.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.626 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

VW0718SBL02

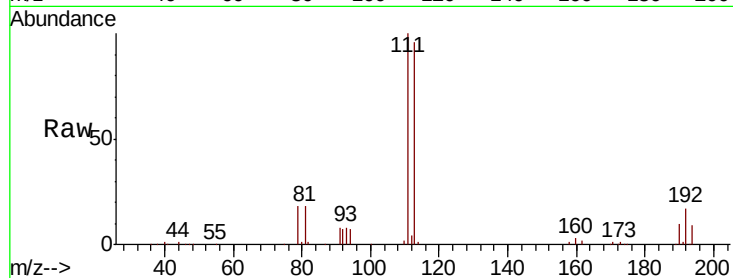
Tot Ion:113 Resp: 93619

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

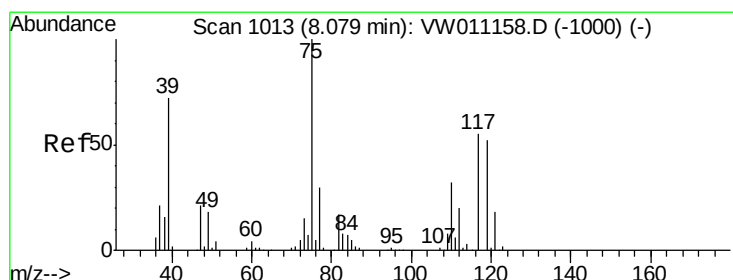
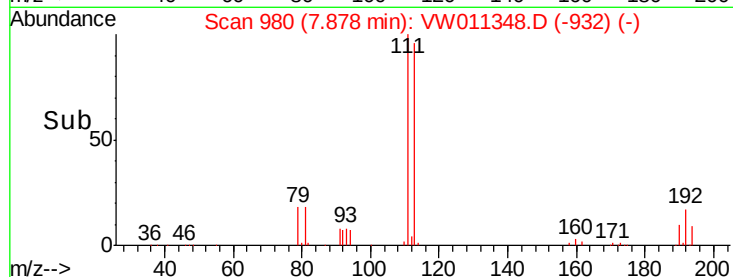
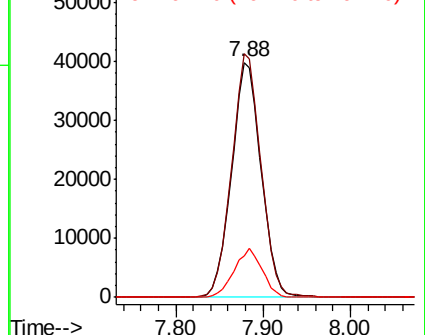
192 19.6 15.8 23.8



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: 4.813 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

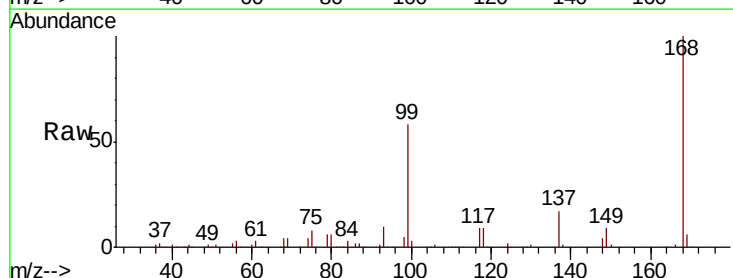
Tgt Ion: 75 Resp: 15592

Ion Ratio Lower Upper

75 100

110 8.2 15.9 47.6#

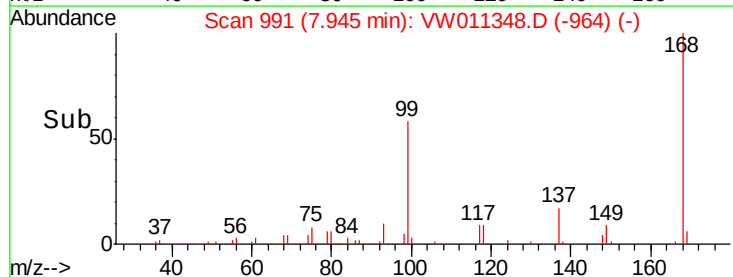
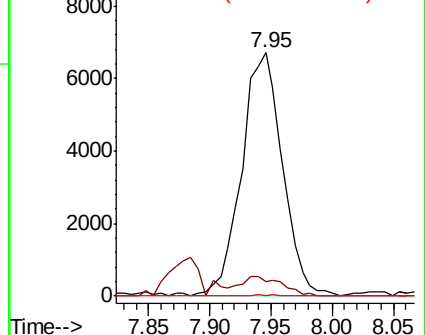
77 0.3 24.6 36.8#

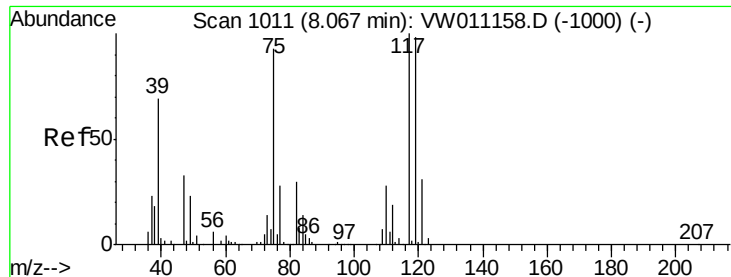


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

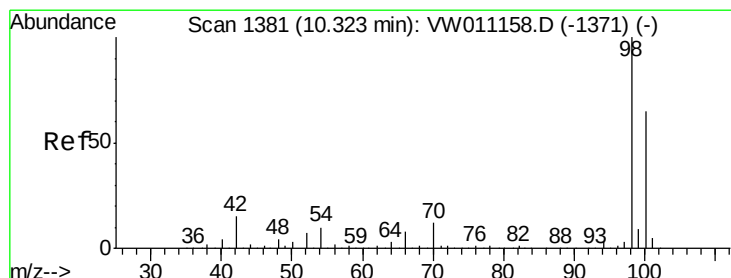
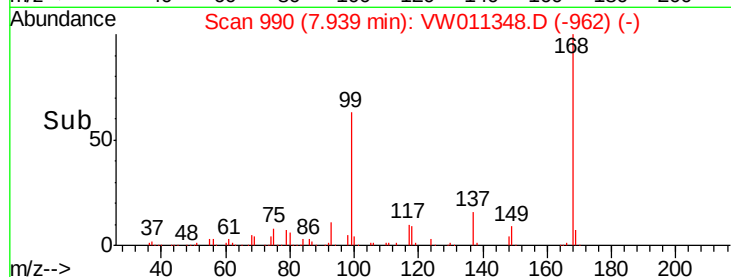
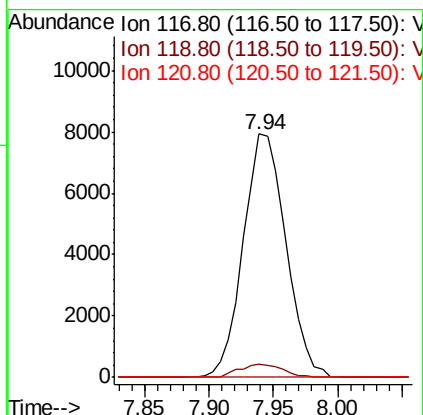
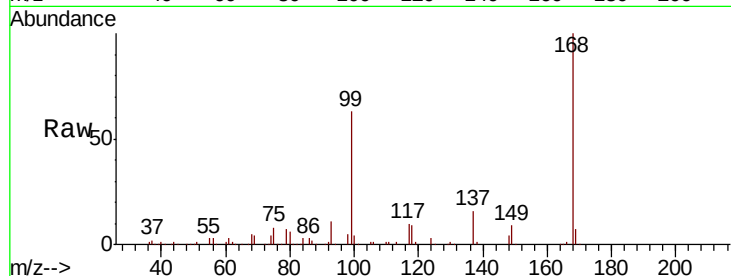




#38
Carbon Tetrachloride
Concen: 6.601 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

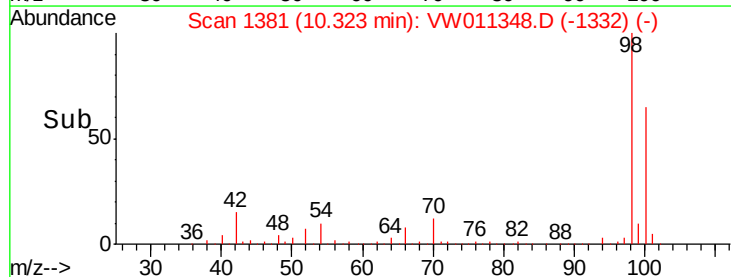
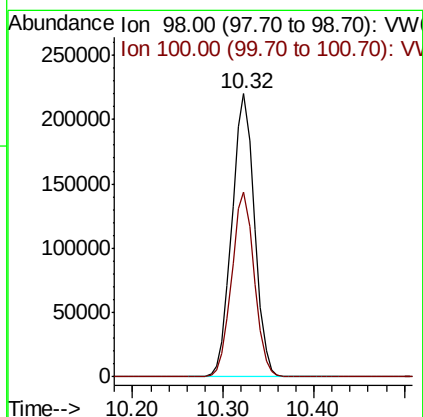
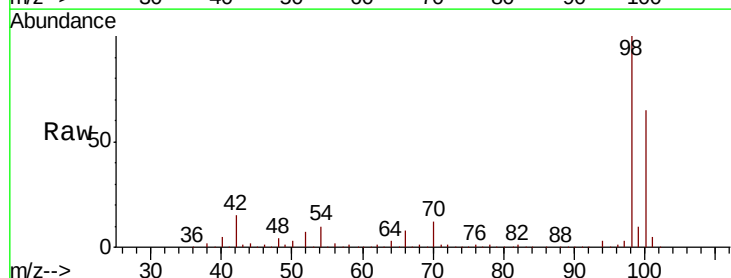
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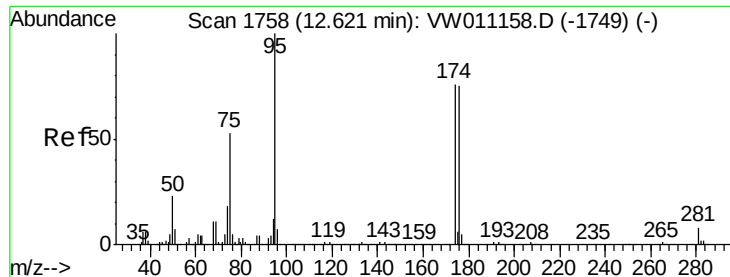
Tot Ion:117 Resp: 18131
Ion Ratio Lower Upper
117 100
119 5.6 78.1 117.1#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.824 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

Tgt Ion: 98 Resp: 379872
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

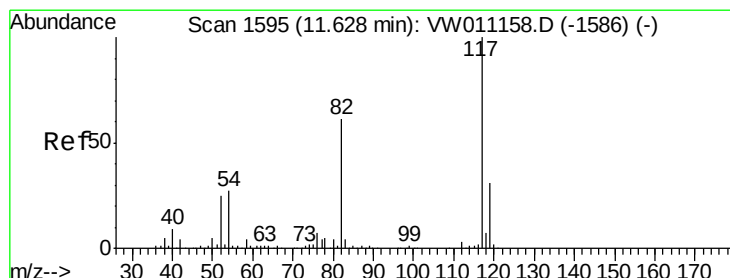
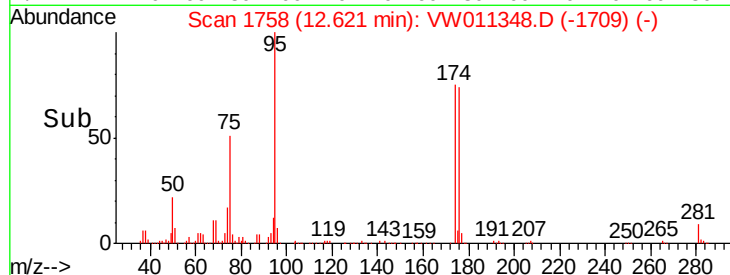
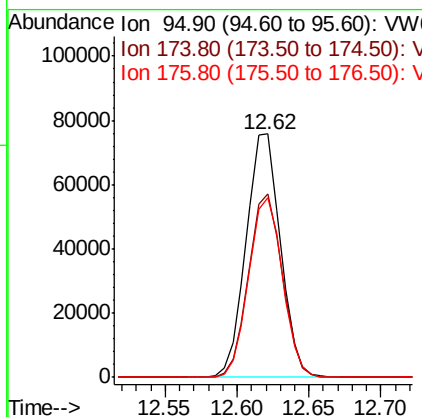
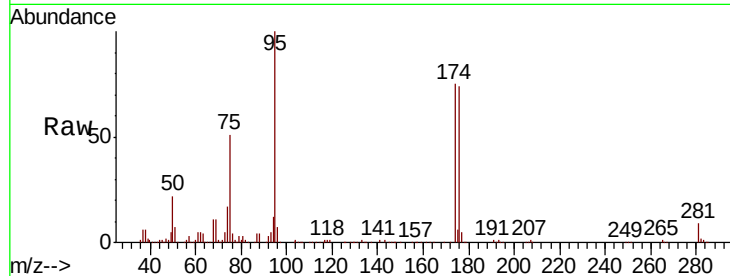




#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

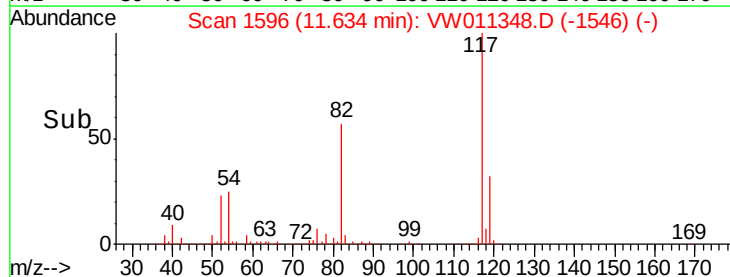
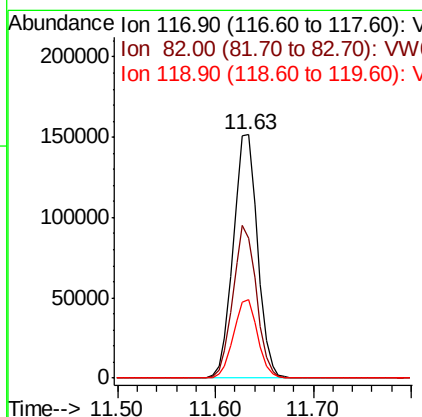
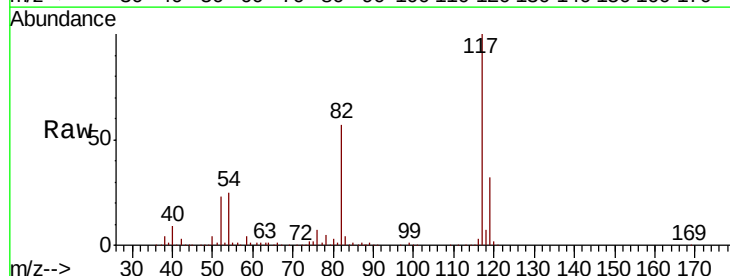
Instrument :
MSVOA_W
ClientSampleId :
VW0718SBL02

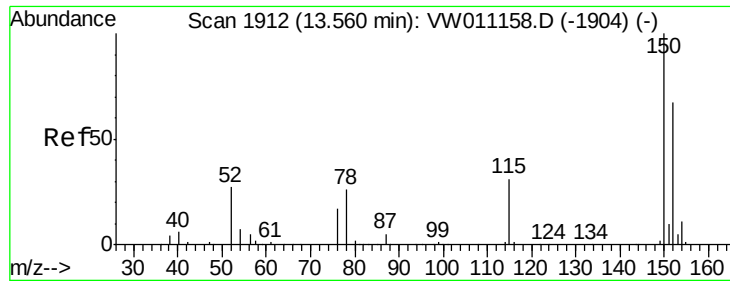
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	147.6
176	72.4	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	48.9	73.3
119	32.5	25.0	37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

VW0718SBL02

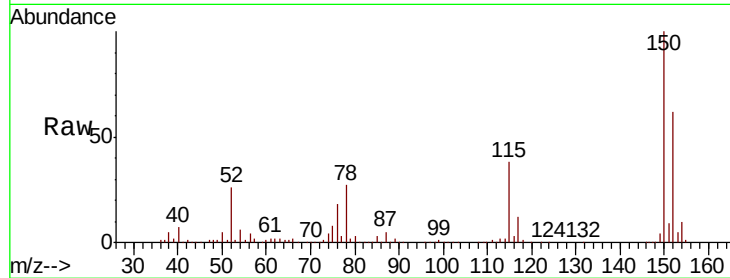
Tot Ion:152 Resp: 111579

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

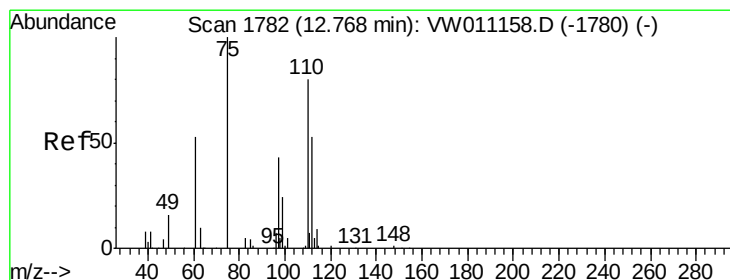
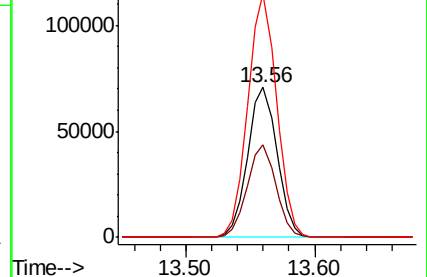
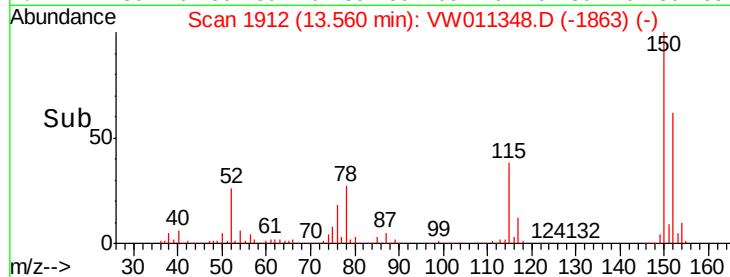
150 158.9 0.0 346.0



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: 51.317 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011348.D

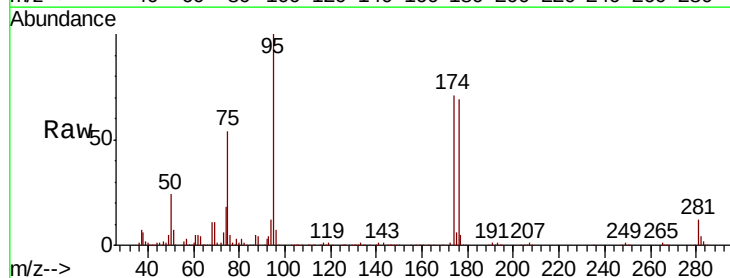
Acq: 18 Jul 2019 22:56

Tgt Ion: 75 Resp: 66170

Ion Ratio Lower Upper

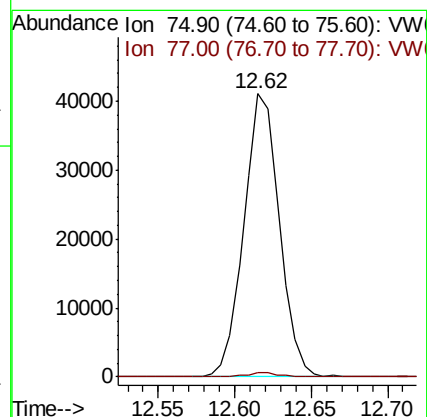
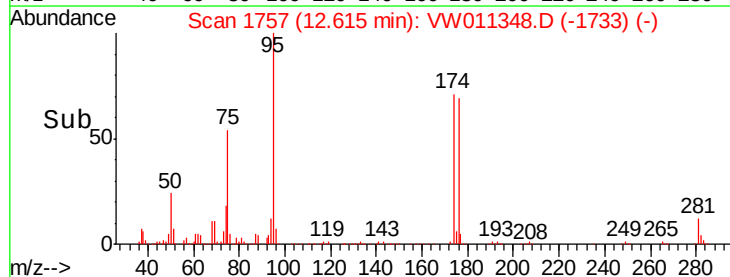
75 100

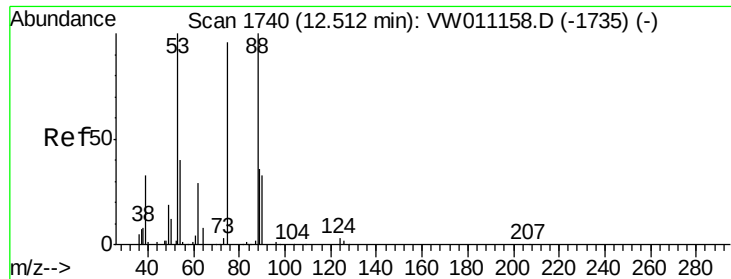
77 1.4 0.0 0.0#



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: 116.069 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

VW0718SBL02

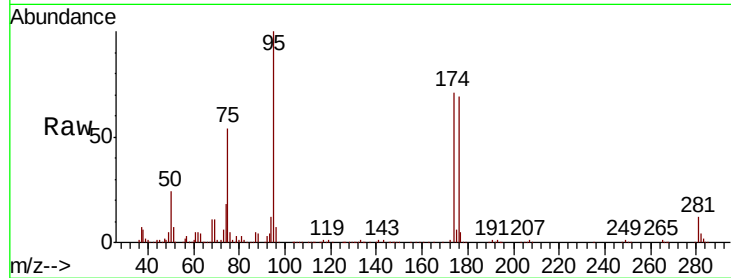
Tot Ion: 75 Resp: 66170

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#



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

