

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008687.D
 Acq On : 15 Feb 2019 16:25
 Operator : SY/VA
 Sample : K1511-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:34:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	155911	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
35) Dibromofluoromethane	7.88	113	135778	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.32	98	512423	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.62	95	178988	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	

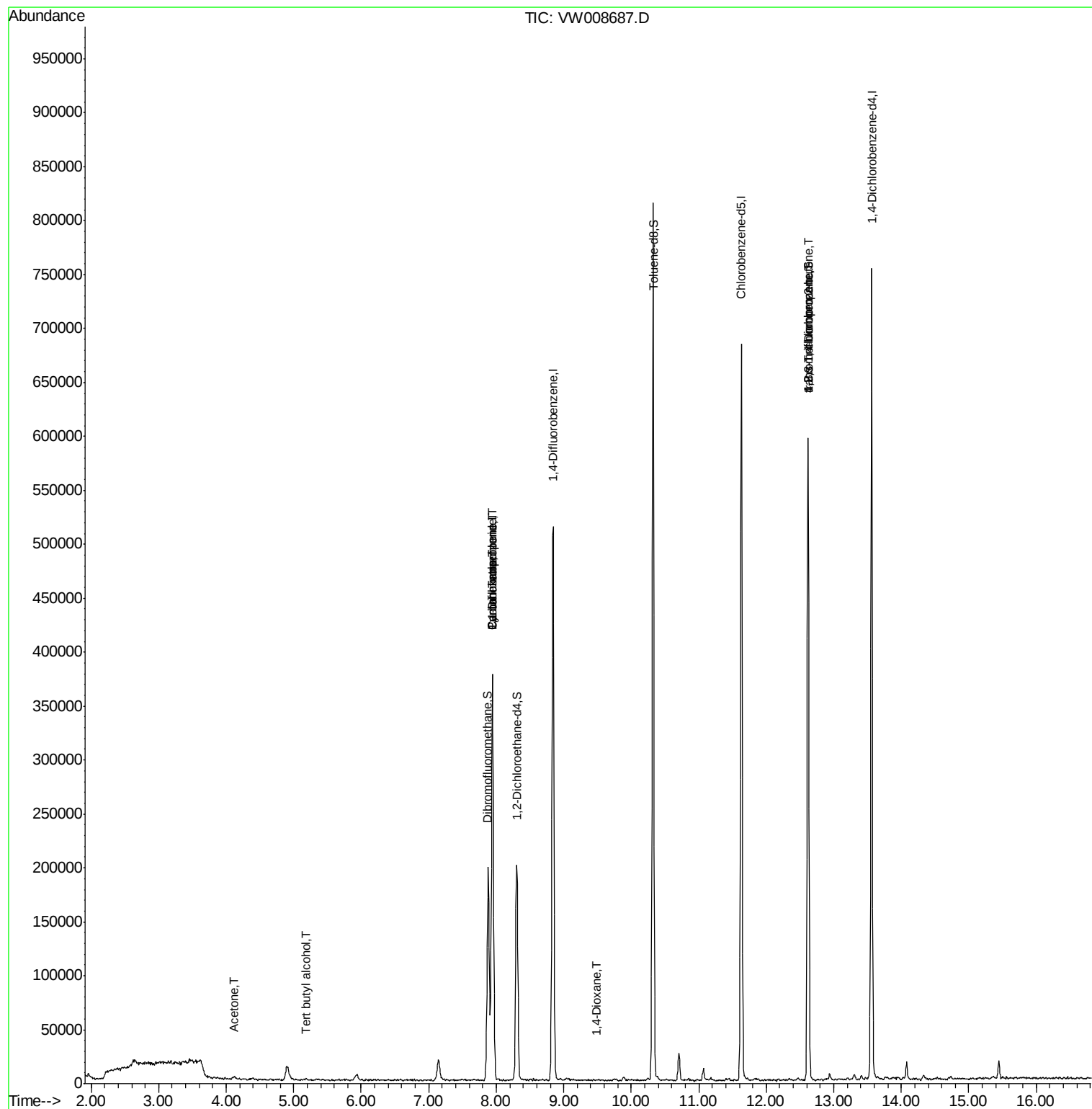
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	590	2.446	ug/l #	72
16) Acetone	4.12	43	3974	5.793	ug/l #	85
20) Methylene Chloride	4.91	84	10110	Below Cal	#	81
31) Cyclohexane	7.95	56	6829	1.239	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	21349	4.910	ug/l #	50
38) Carbon Tetrachloride	7.94	117	27481	6.356	ug/l #	16
49) 1,4-Dioxane	9.48	88	30	1.161	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	92869	49.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92869	107.043	ug/l #	6

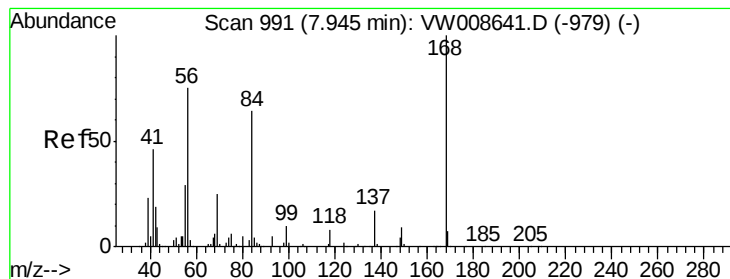
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 16 00:34:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

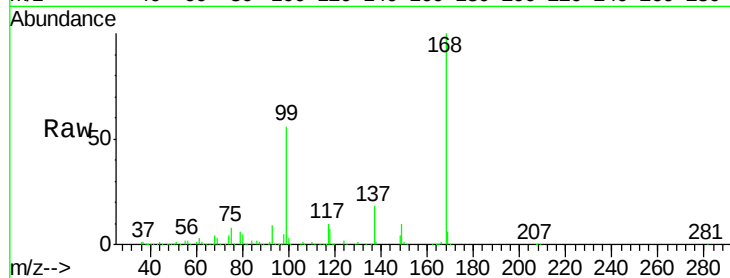
ClientSampleId :

Tot Ion:168 Resp: 289995

Ion Ratio Lower Upper

168 100

99 55.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

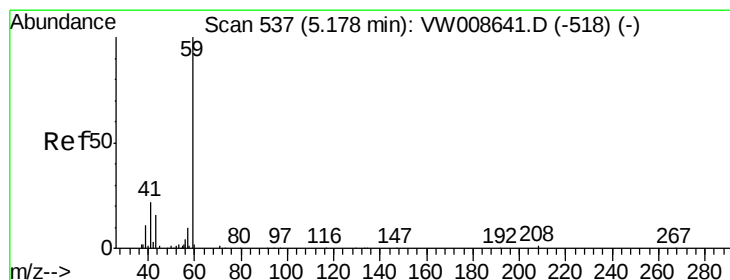
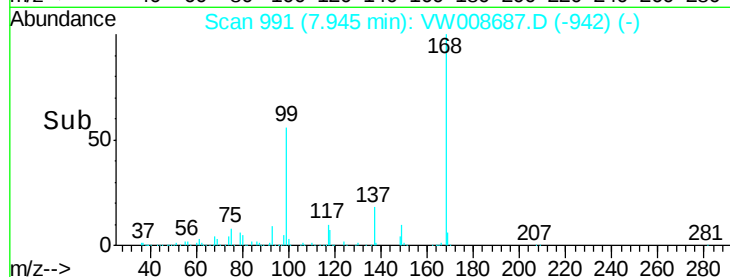
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.446 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW008687.D

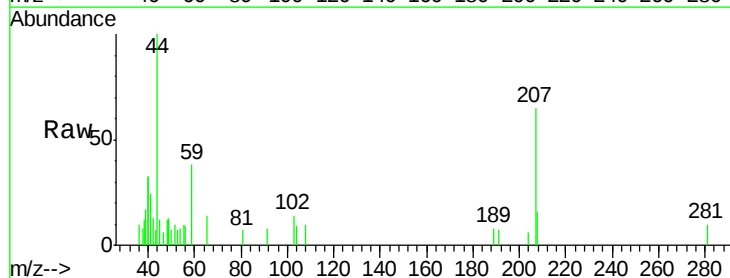
Acq: 15 Feb 2019 16:25

Tgt Ion: 59 Resp: 590

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

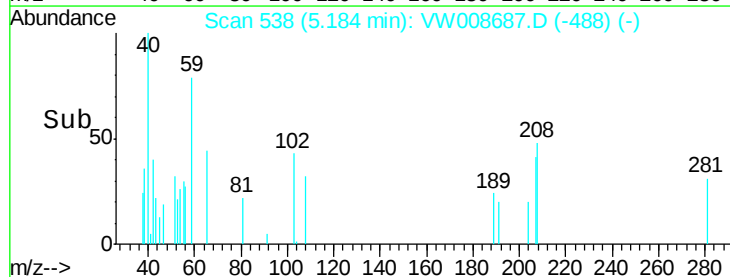
300

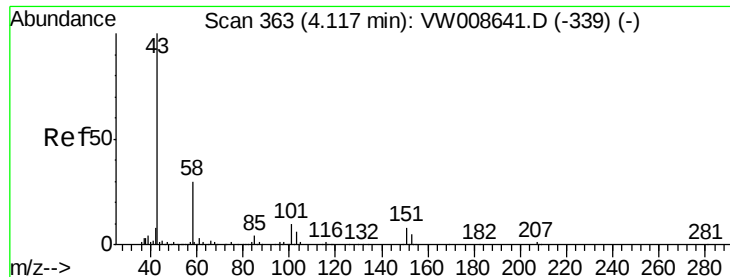
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100

0

Time-->

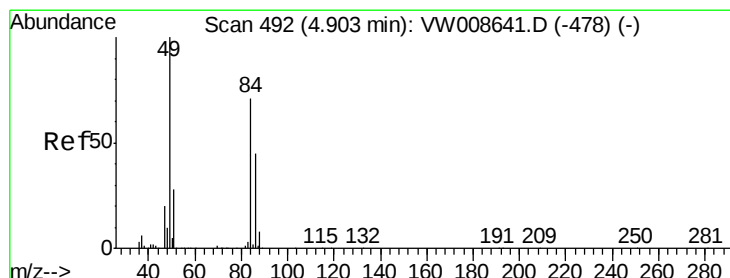
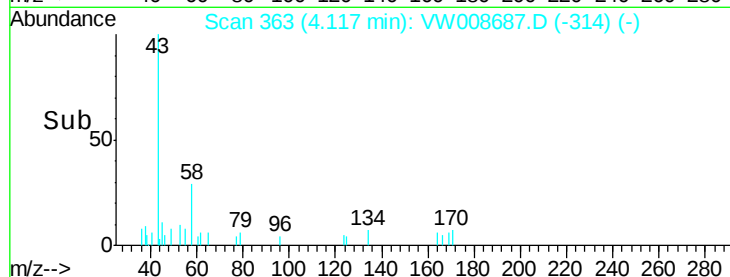
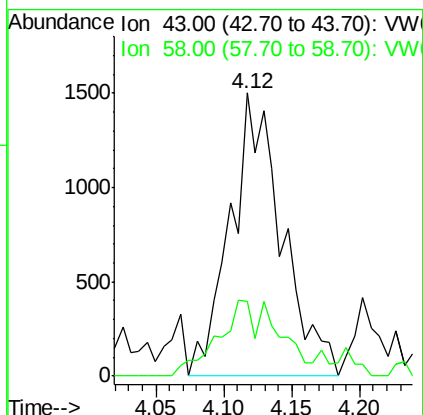
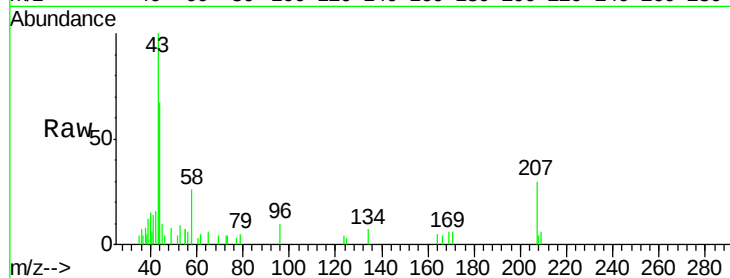




#16
Acetone
Concen: 5.793 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

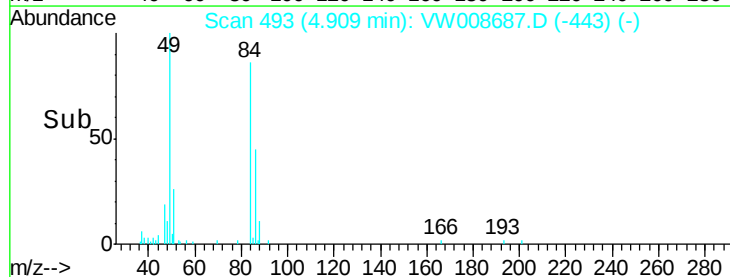
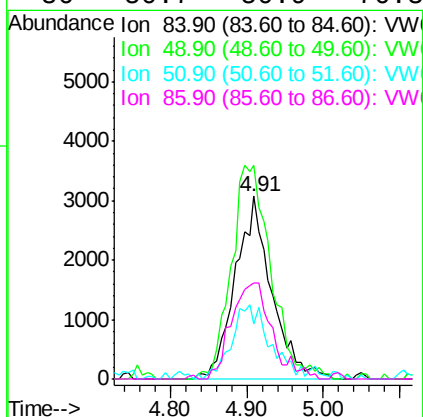
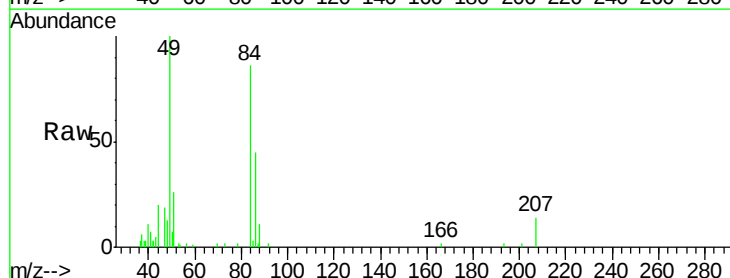
Instrument :
MSVOA_W
ClientSampleId :

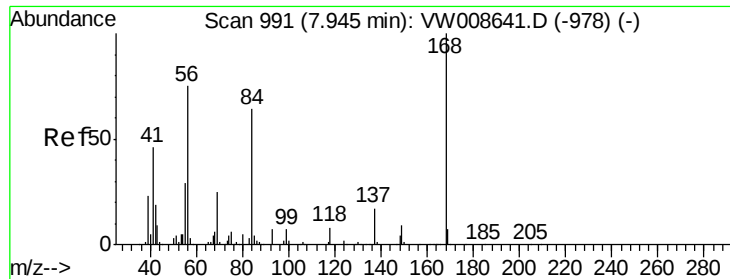
Tot Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 21.9 24.1 36.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

Tgt Ion: 84 Resp: 10110
Ion Ratio Lower Upper
84 100
49 116.9 113.3 169.9
51 26.9 32.1 48.1#
86 50.7 50.9 76.3#

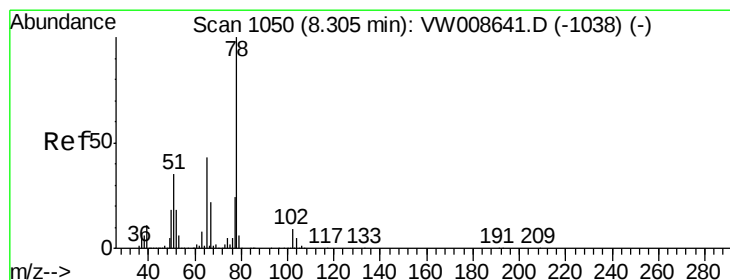
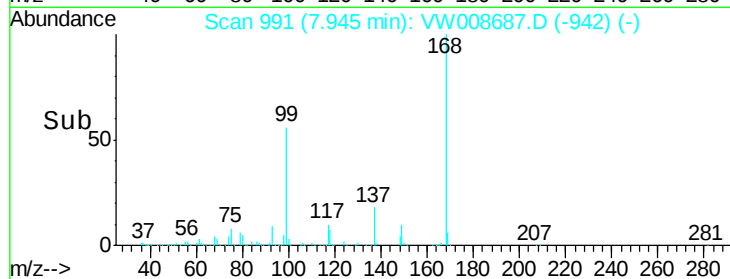
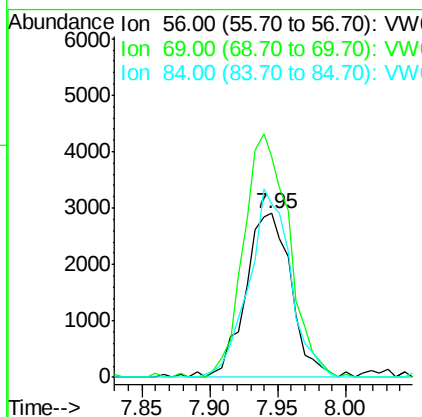
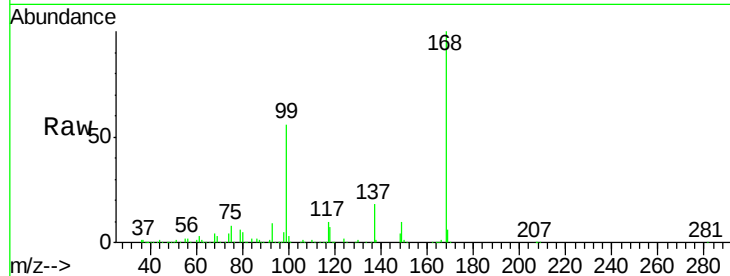




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

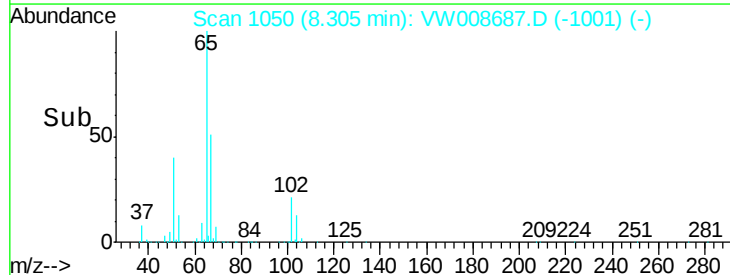
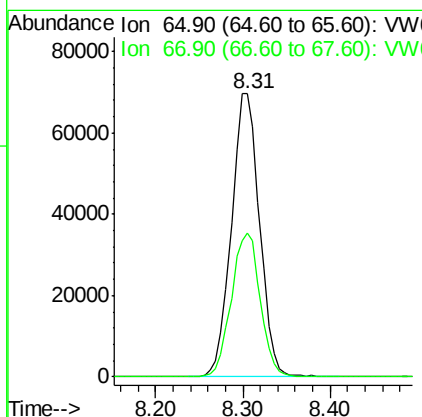
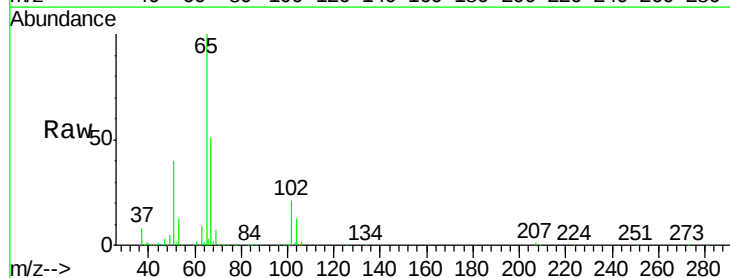
Instrument :
MSVOA_W
ClientSampleId :

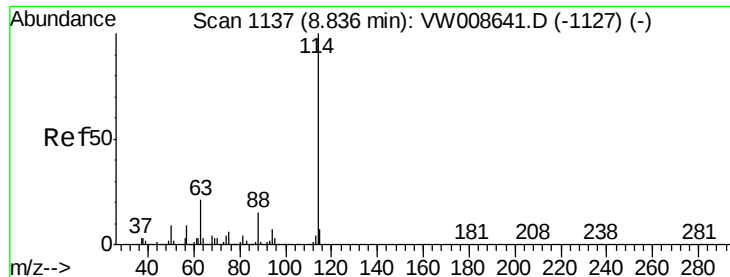
Tot Ion: 56 Resp: 6829
Ion Ratio Lower Upper
56 100
69 134.7 26.4 39.6#
84 105.5 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 51.714 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

Tgt Ion: 65 Resp: 155911
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampled :

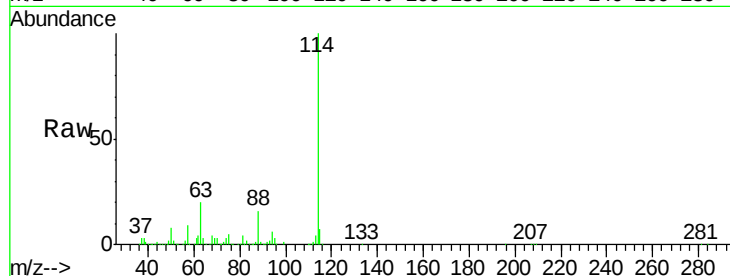
Tot Ion:114 Resp: 432794

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

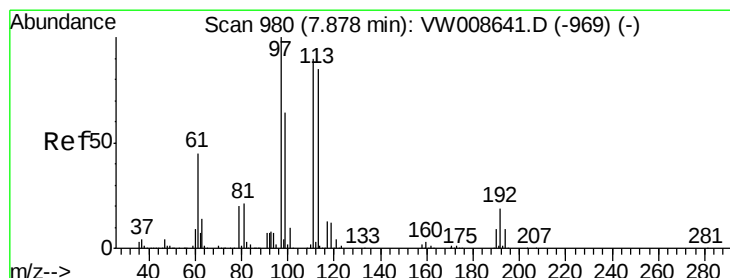
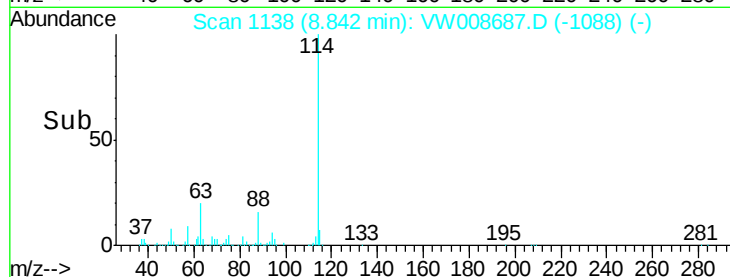
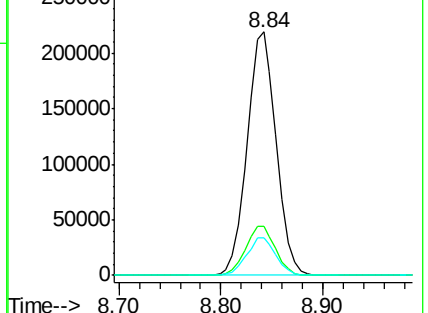
88 15.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.524 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

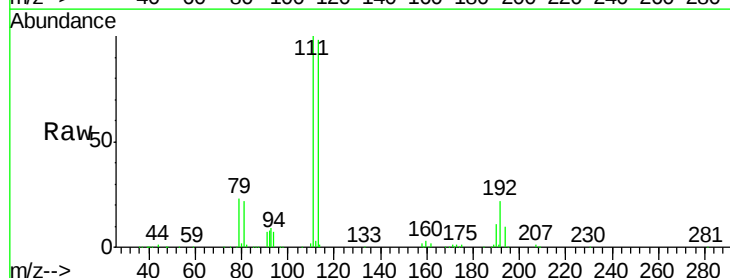
Tgt Ion:113 Resp: 135778

Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

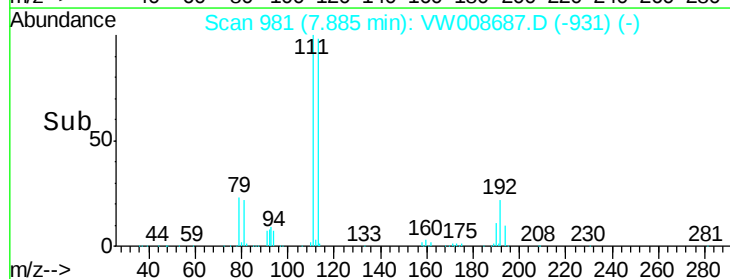
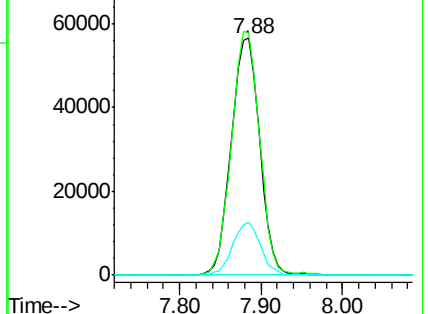
192 21.6 17.4 26.2

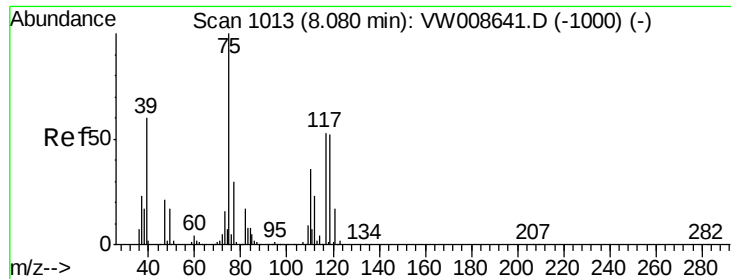


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

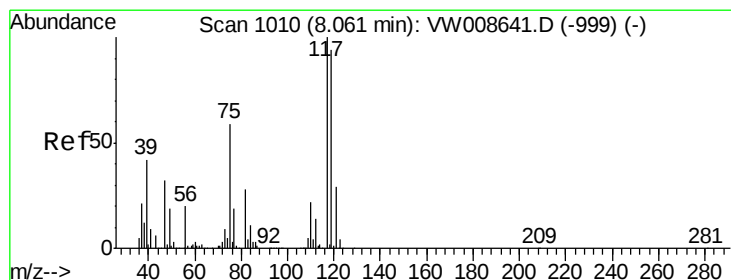
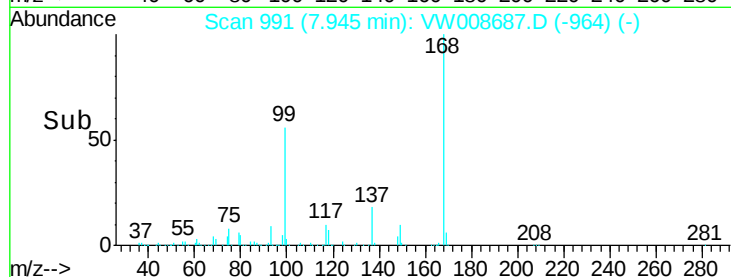
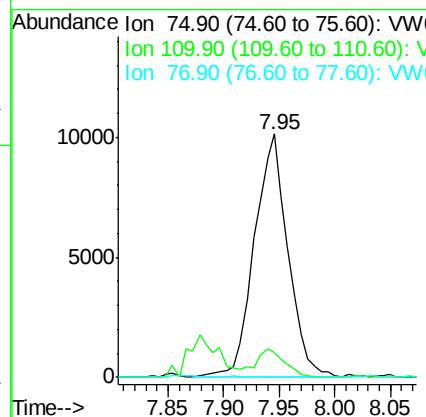
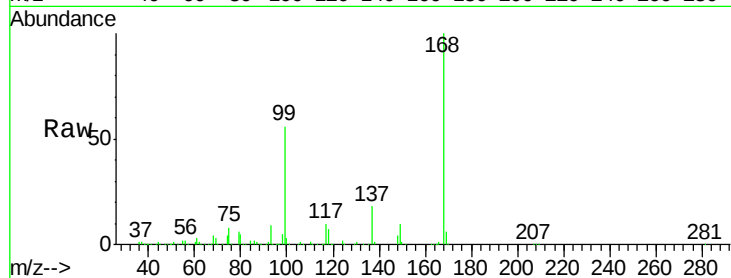




#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008687.D
 Acq: 15 Feb 2019 16:25

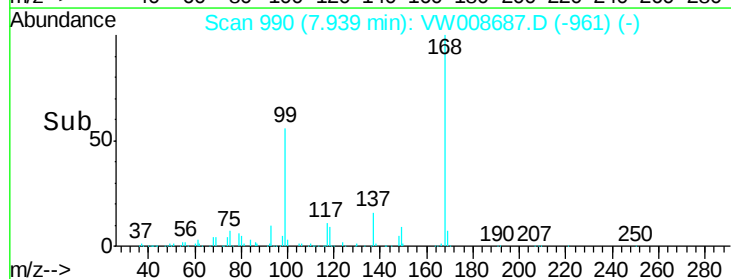
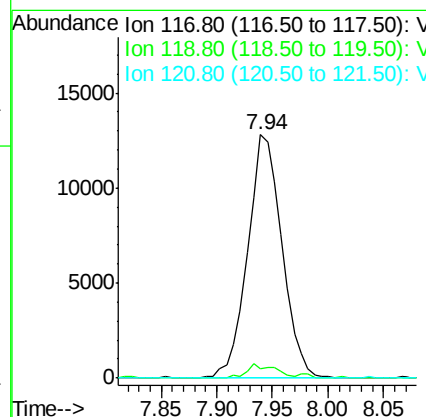
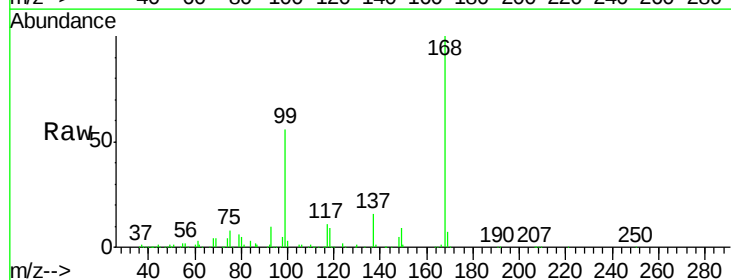
Instrument :
 MSVOA_W
 ClientSampleId :

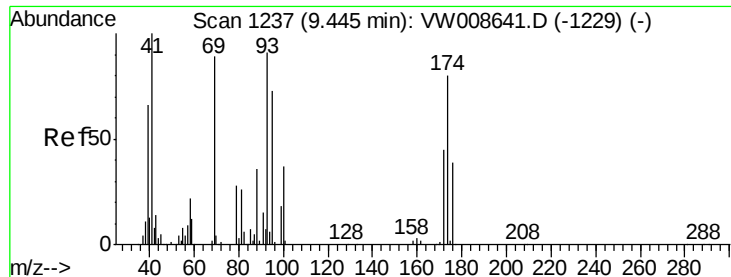
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.356 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.12 min
 Lab File: VW008687.D
 Acq: 15 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.1	112.7#
121	0.0	23.5	35.3#

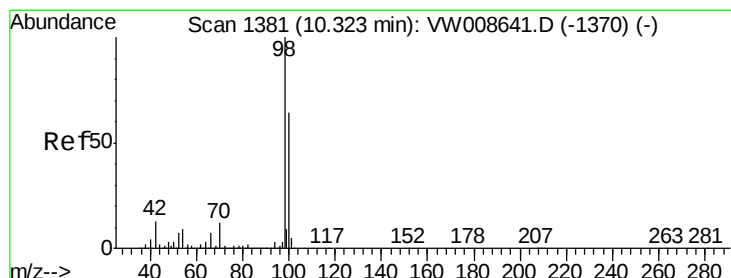
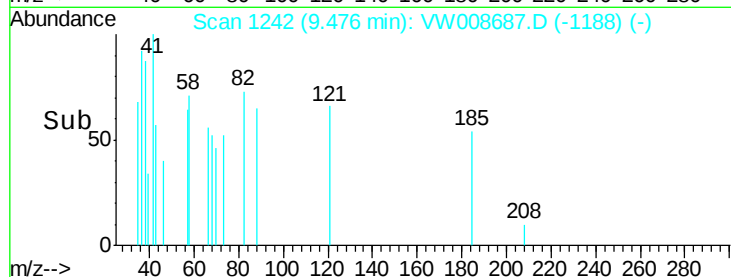
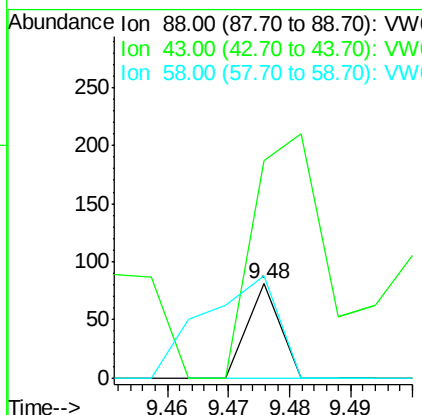
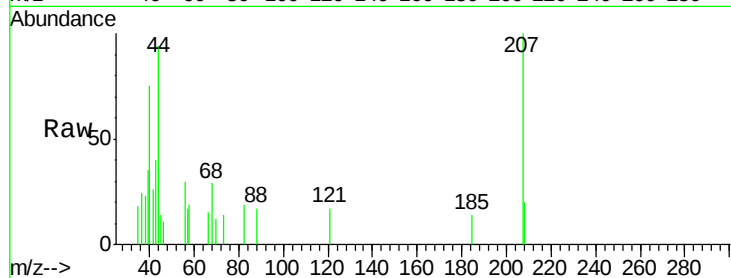




#49
1,4-Dioxane
Concen: 1.161 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.03 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

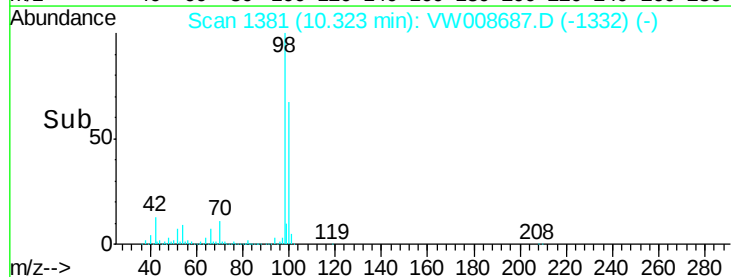
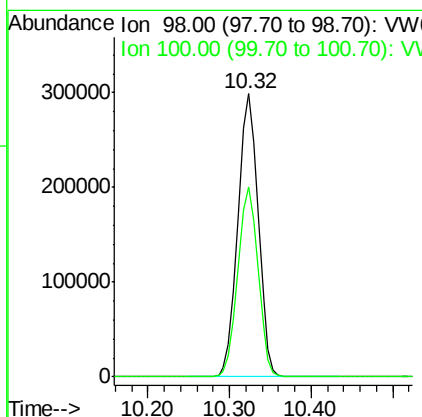
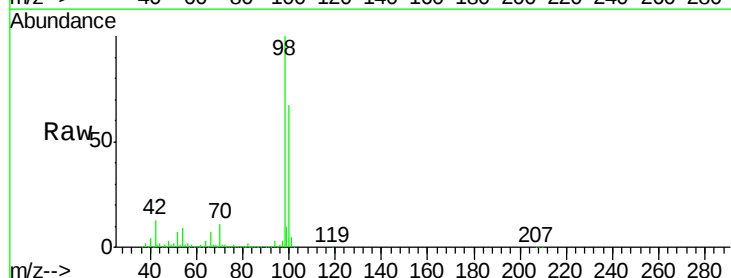
Instrument :
MSVOA_W
ClientSampled :

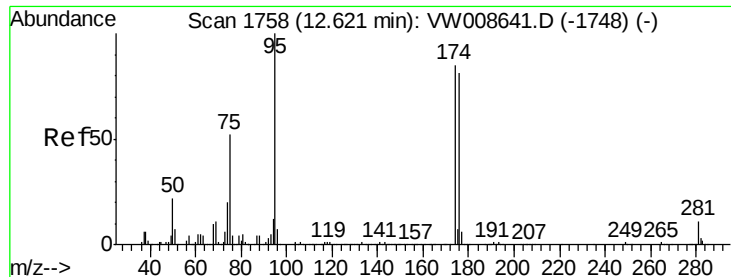
Tot Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 623.3 31.0 46.6#
58 243.3 57.0 85.6#



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

Tgt Ion: 98 Resp: 512423
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.870 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampled :

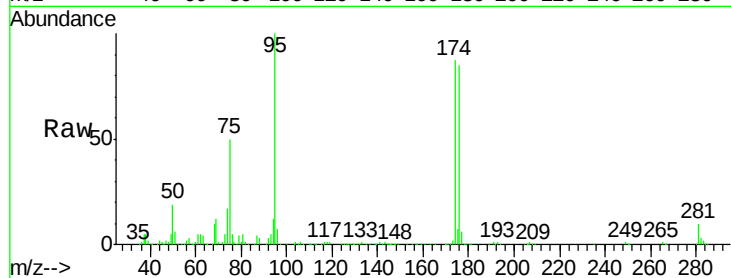
Tot Ion: 95 Resp: 178988

Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.2

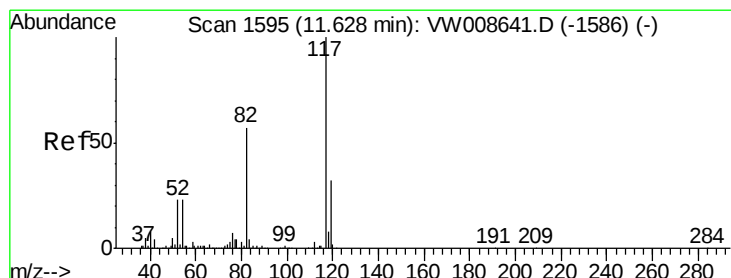
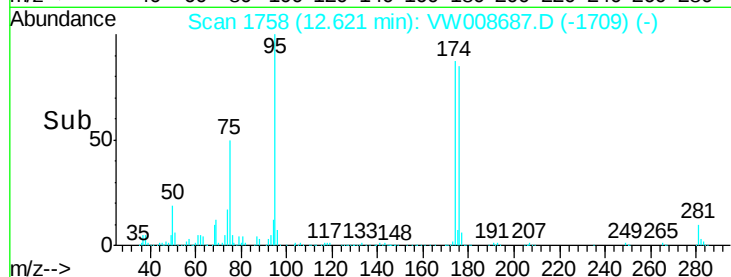
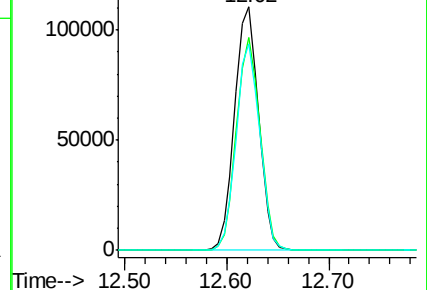
176 83.1 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

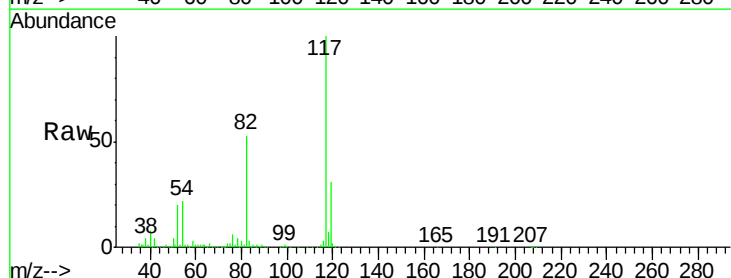
Tgt Ion: 117 Resp: 382735

Ion Ratio Lower Upper

117 100

82 52.9 45.6 68.4

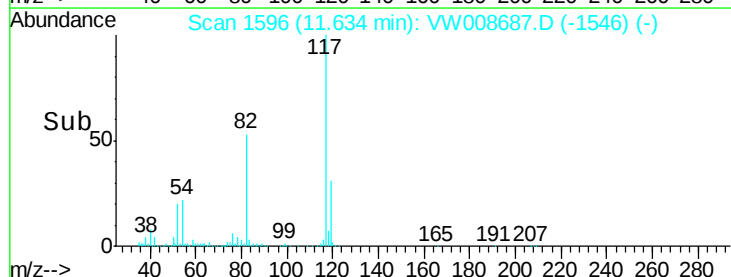
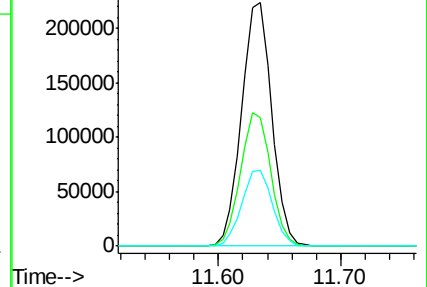
119 31.4 25.7 38.5

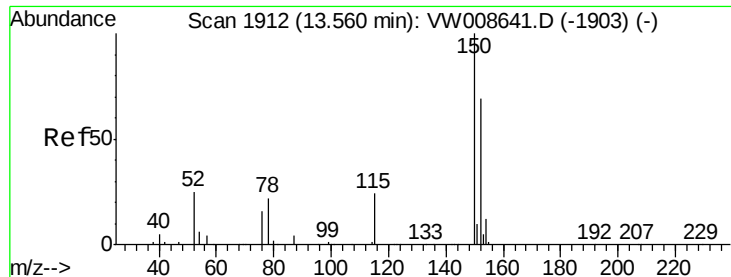


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

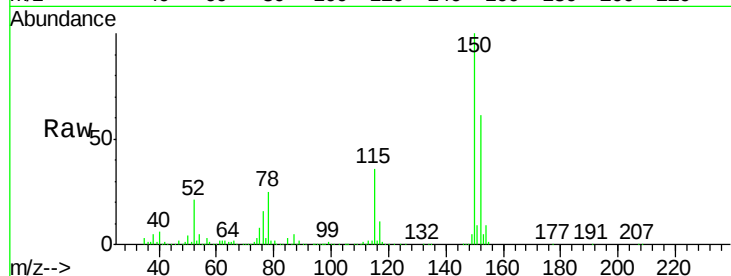
Tot Ion:152 Resp: 188389

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.8

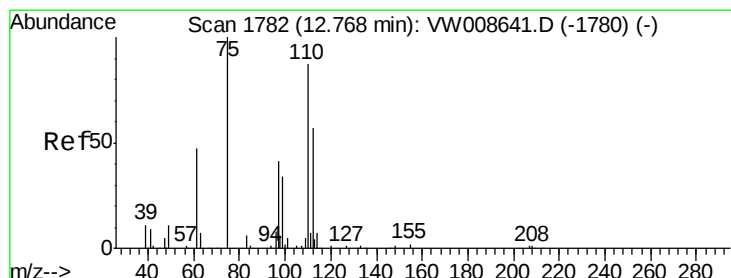
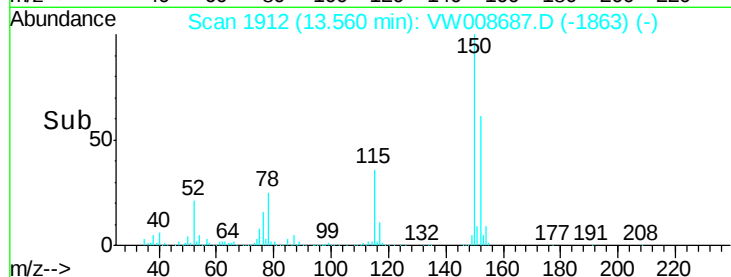
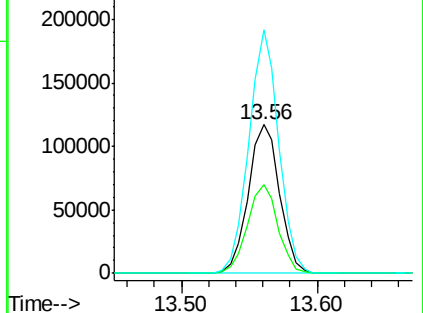
150 156.7 0.0 352.8



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: 49.923 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008687.D

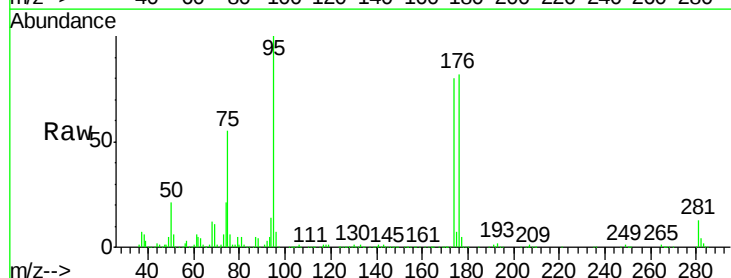
Acq: 15 Feb 2019 16:25

Tgt Ion: 75 Resp: 92869

Ion Ratio Lower Upper

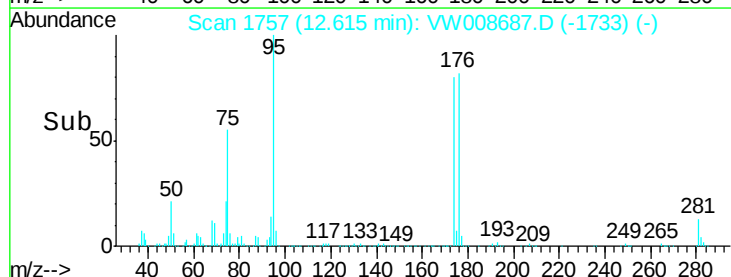
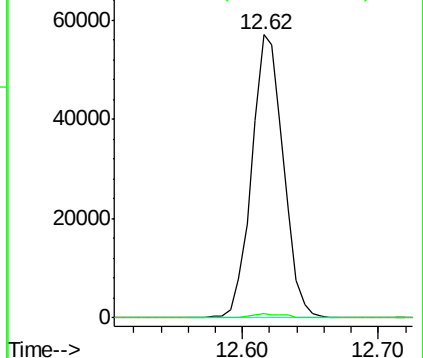
75 100

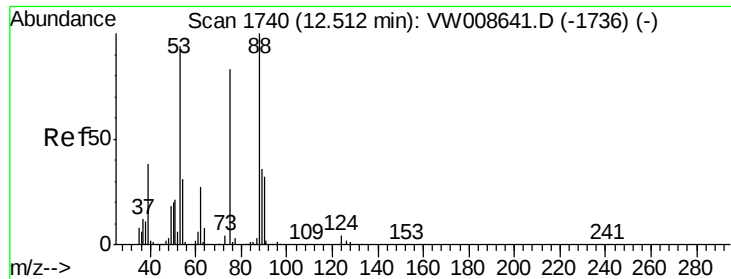
77 1.6 0.0 0.0#



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: 107.043 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

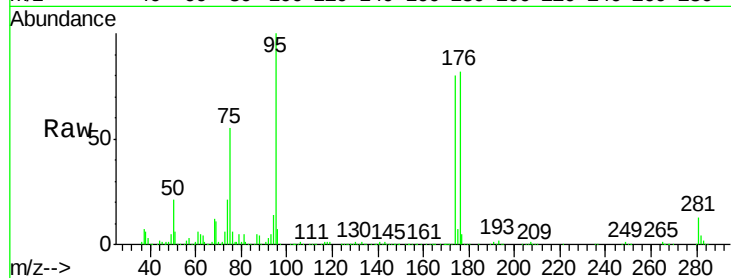
Tot Ion: 75 Resp: 92869

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.3 37.0 55.4#



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

