

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012439.D
 Acq On : 01 Sep 2019 11:11
 Operator : SY/VA
 Sample : VW0901SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL01

Quant Time: Sep 02 07:16:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119095	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131296	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.88	113	104291	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.32	98	411513	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	135453	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

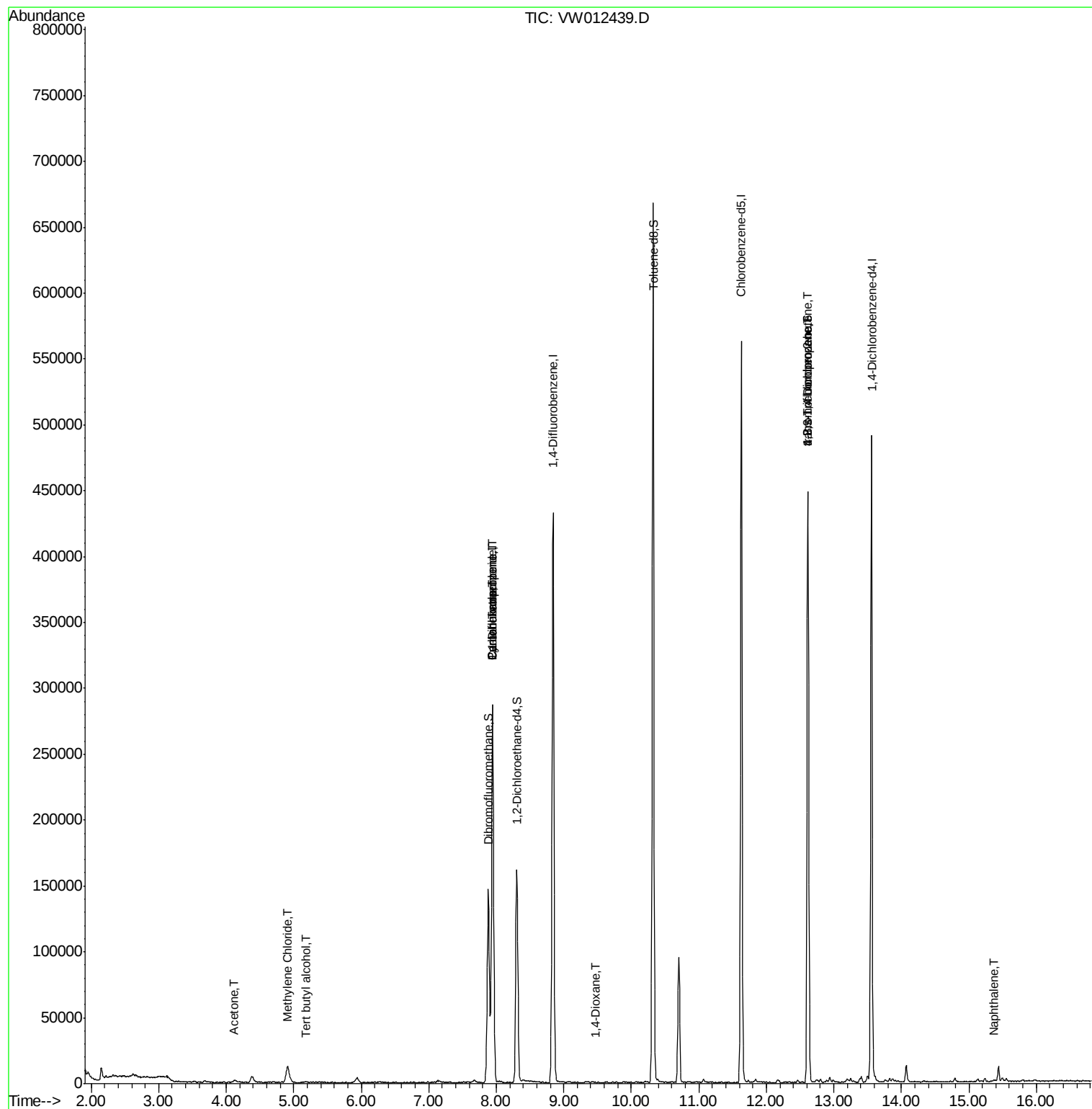
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	238	1.633	ug/l #	85
16) Acetone	4.12	43	4261	6.885	ug/l	96
20) Methylene Chloride	4.91	84	8523	3.643	ug/l	93
31) Cyclohexane	7.94	56	5368	1.231	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	17812	5.121	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20967	6.965	ug/l #	16
49) 1,4-Dioxane	9.46	88	50	2.872	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	73959	63.763	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73959	139.803	ug/l #	6
95) Naphthalene	15.37	128	934	4.511	ug/l #	87

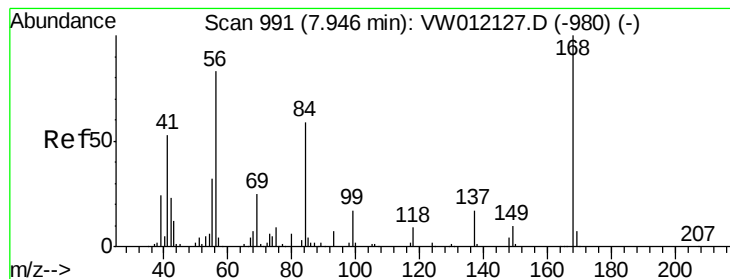
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
Data File : VW012439.D
Acq On : 01 Sep 2019 11:11
Operator : SY/VA
Sample : VW0901SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBL01

Quant Time: Sep 02 07:16:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012439.D

Acq: 01 Sep 2019 11:11

Instrument :

MSVOA_W

ClientSampleId :

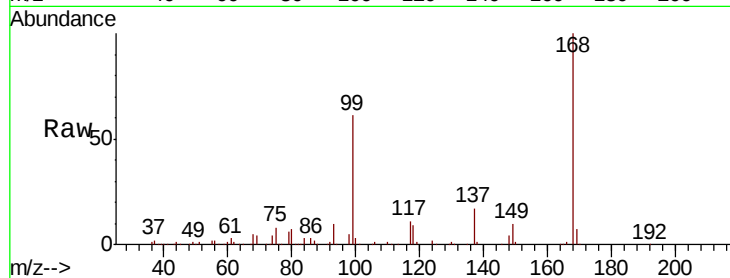
VW0901SBL01

Tgt Ion:168 Resp: 203675

Ion Ratio Lower Upper

168 100

99 61.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

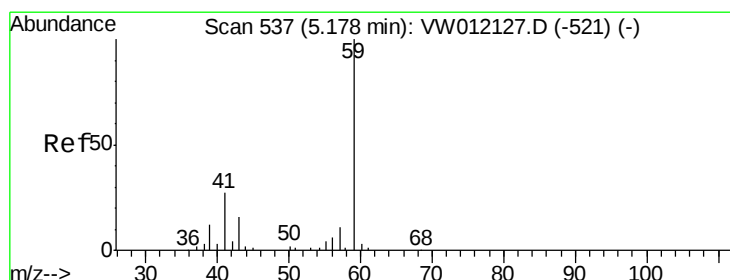
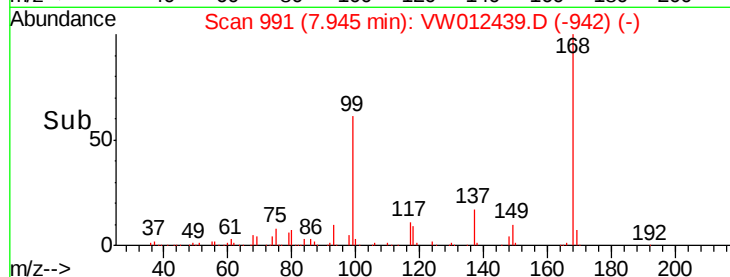
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.633 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.00 min

Lab File: VW012439.D

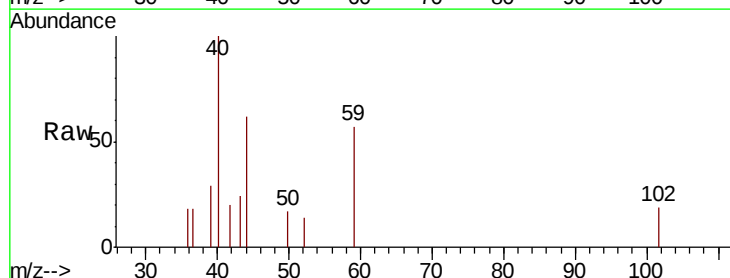
Acq: 01 Sep 2019 11:11

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

59 100

57 16.8 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

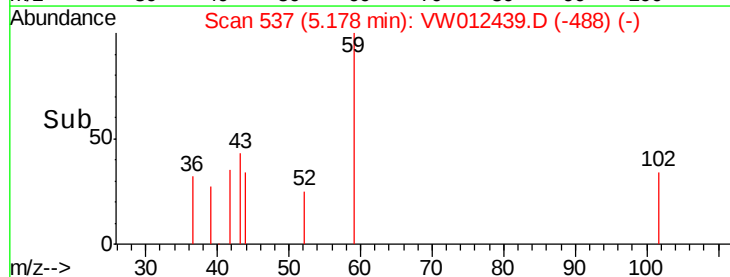
150

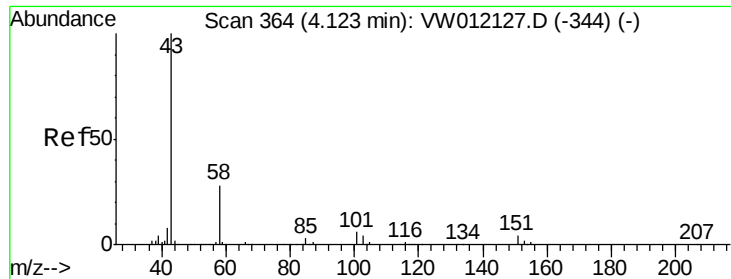
100

50

0

Time--> 5.16 5.18 5.20 5.22

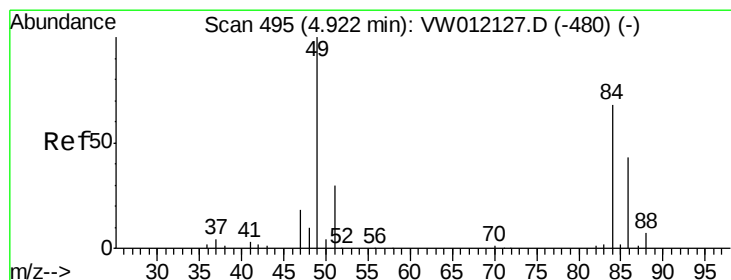
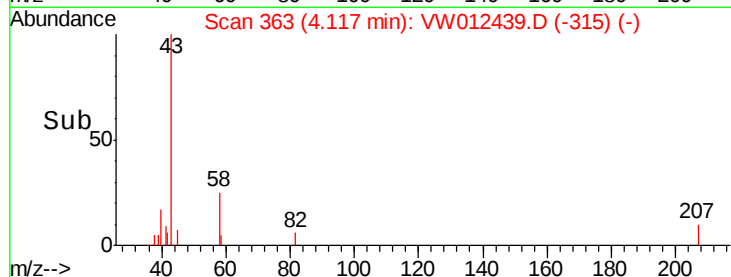
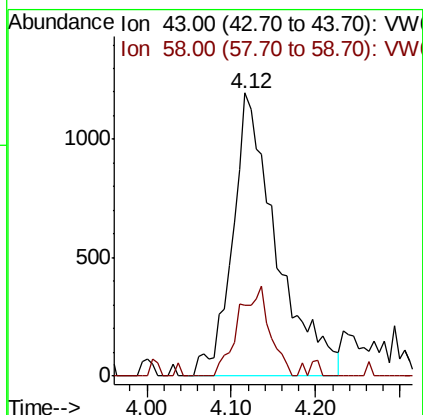
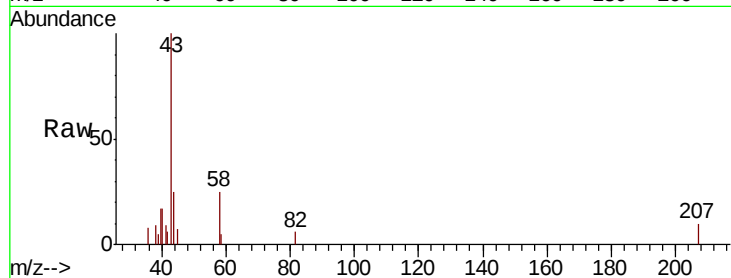




#16
Acetone
Concen: 6.885 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012439.D
Acq: 01 Sep 2019 11:11

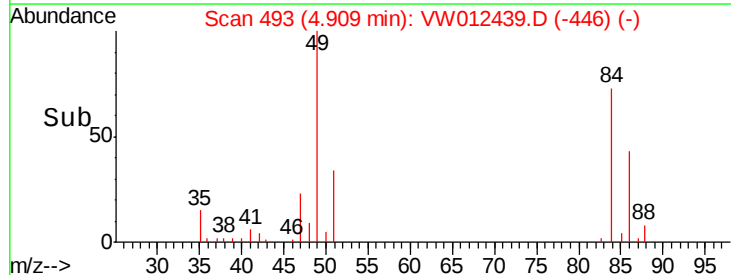
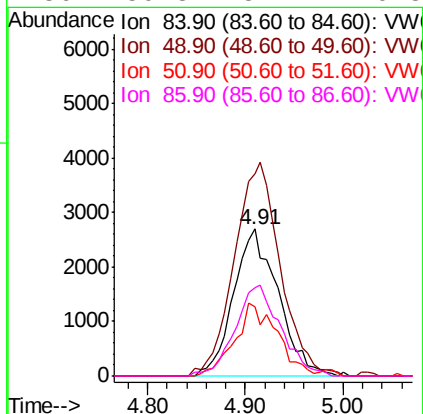
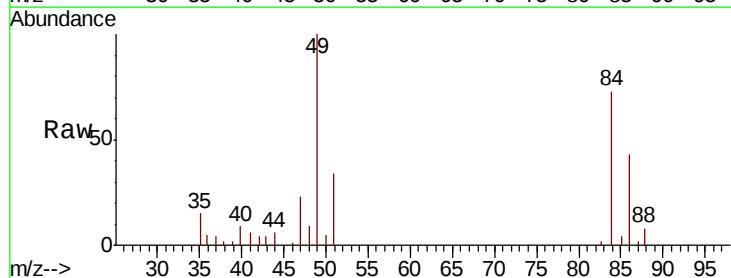
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBL01

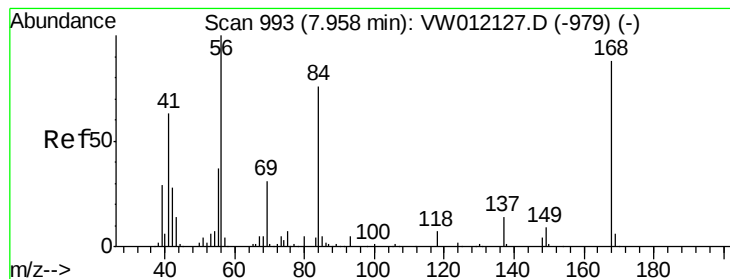
Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 30.1 22.4 33.6



#20
Methylene Chloride
Concen: 3.643 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012439.D
Acq: 01 Sep 2019 11:11

Tgt Ion: 84 Resp: 8523
Ion Ratio Lower Upper
84 100
49 137.8 117.8 176.8
51 47.4 35.6 53.4
86 59.8 51.2 76.8





#31

Cyclohexane

Concen: 1.231 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012439.D

Acq: 01 Sep 2019 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

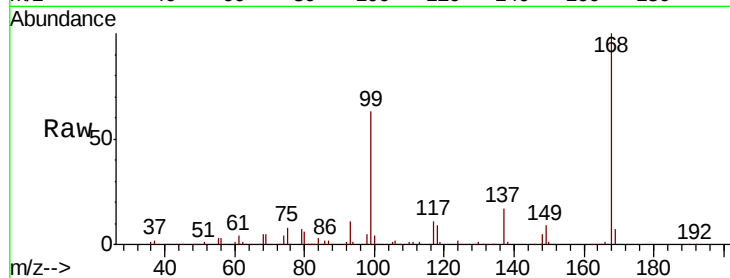
Tgt Ion: 56 Resp: 5368

Ion Ratio Lower Upper

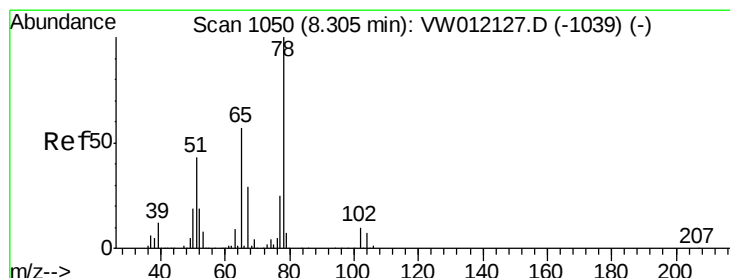
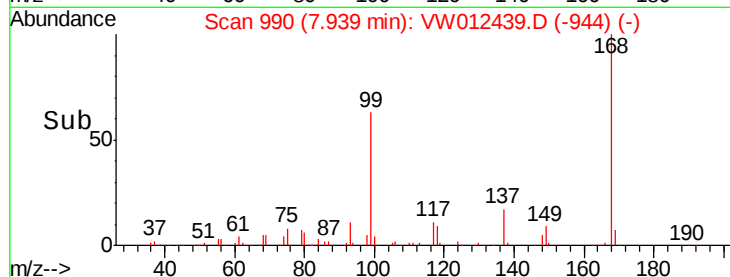
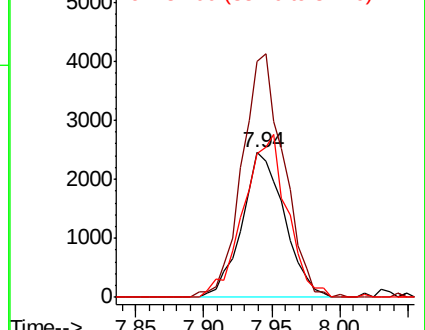
56 100

69 162.7 24.9 37.3#

84 99.0 60.6 90.8#



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



#33

1,2-Dichloroethane-d4

Concen: 54.228 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012439.D

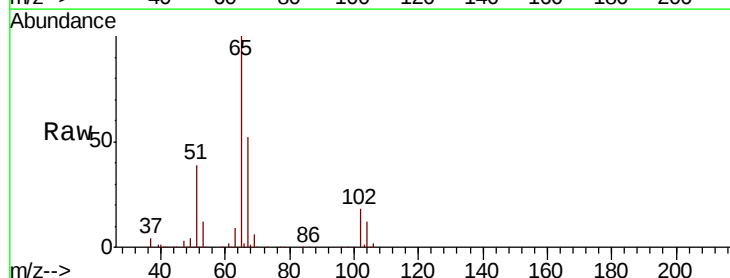
Acq: 01 Sep 2019 11:11

Tgt Ion: 65 Resp: 131296

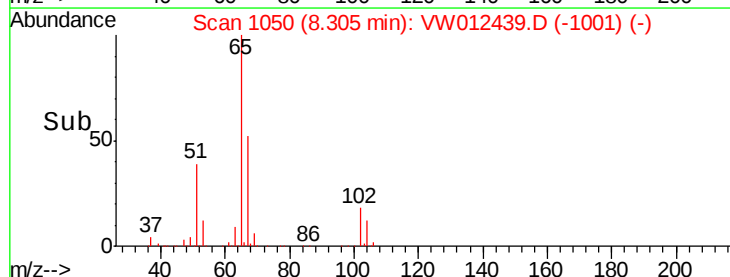
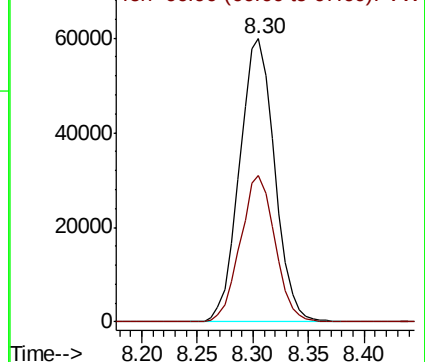
Ion Ratio Lower Upper

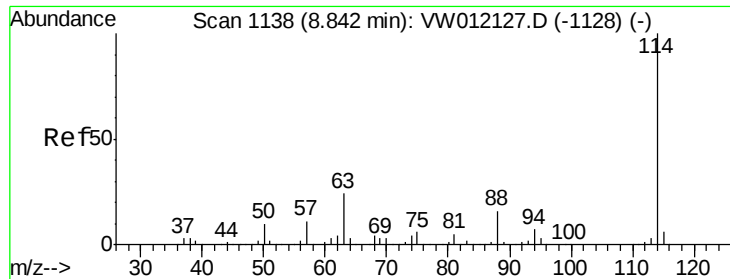
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

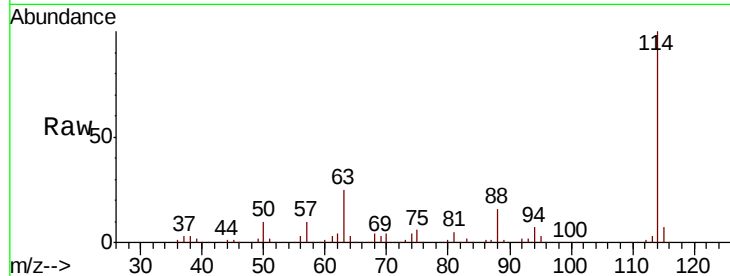




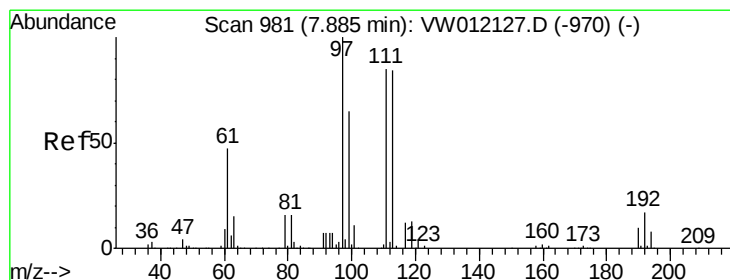
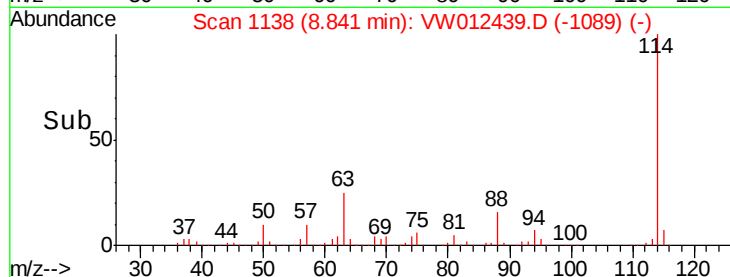
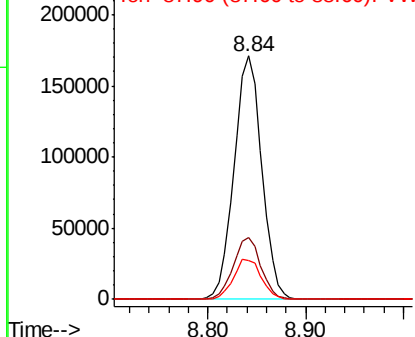
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012439.D
 Acq: 01 Sep 2019 11:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL01

Tgt Ion:114 Resp: 336574
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 48.6
 88 16.0 0.0 32.2

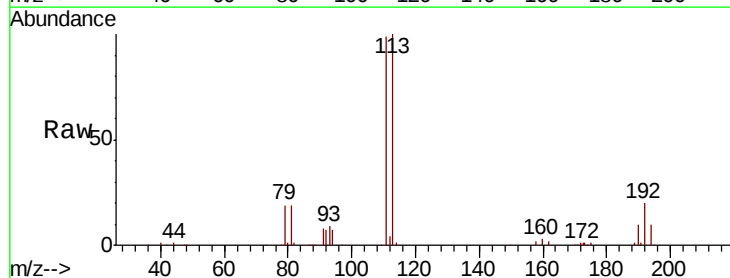


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

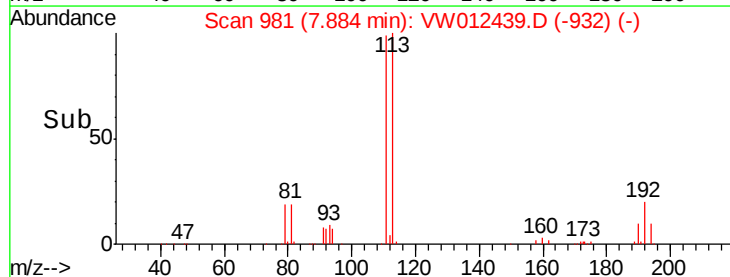
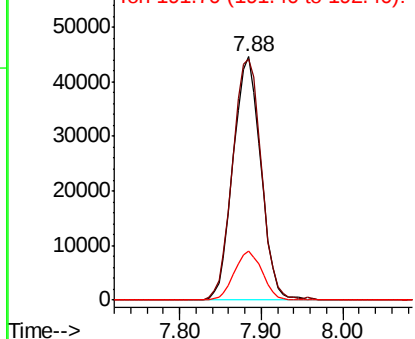


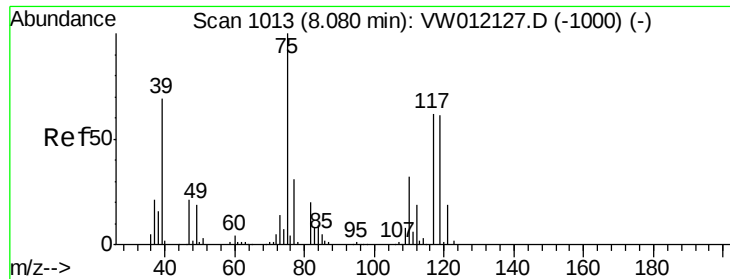
#35
 Dibromofluoromethane
 Concen: 51.911 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012439.D
 Acq: 01 Sep 2019 11:11

Tgt Ion:113 Resp: 104291
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.4 16.2 24.2



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

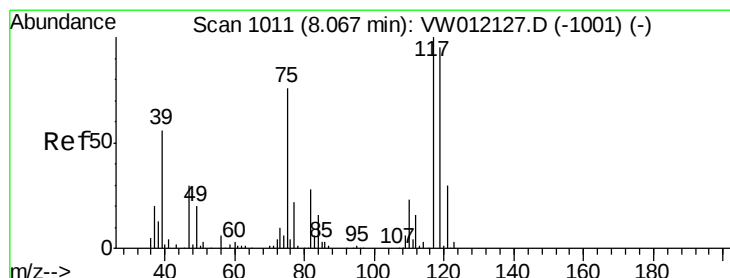
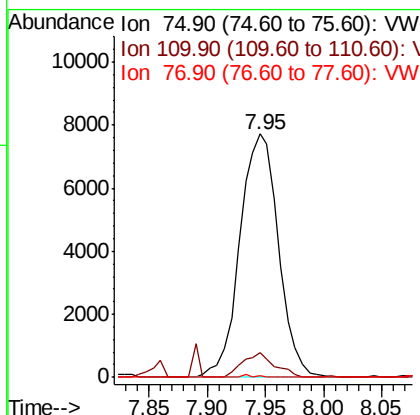
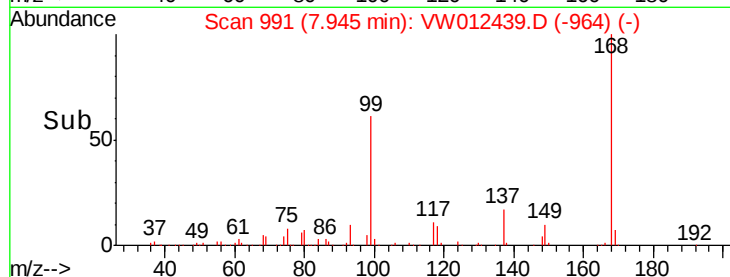
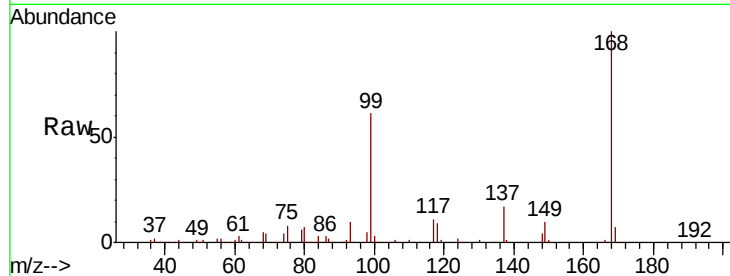




#36
 1,1-Dichloropropene
 Concen: 5.121 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012439.D
 Acq: 01 Sep 2019 11:11

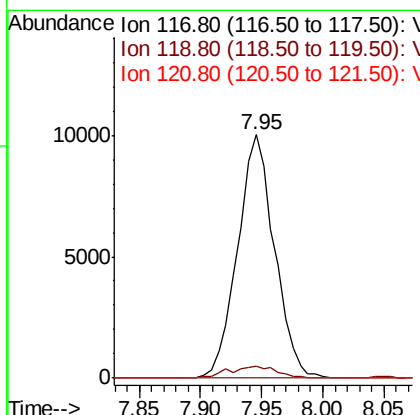
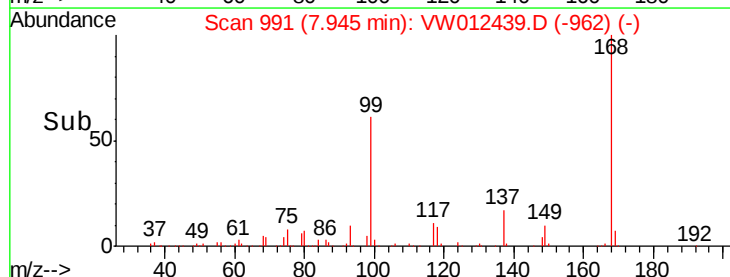
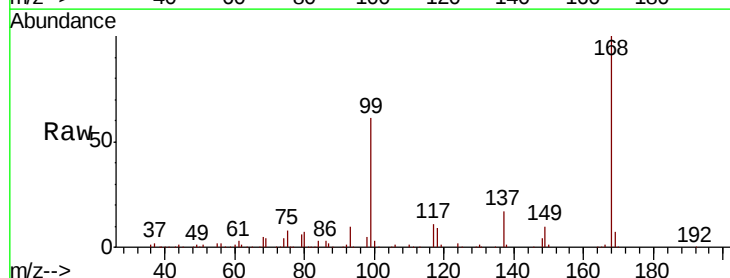
Instrument :
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 ClientSampleId :
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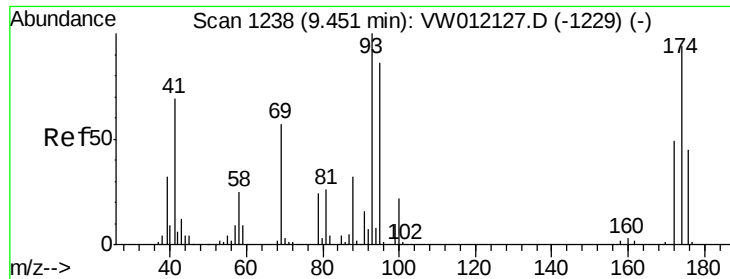
Tgt Ion: 75 Resp: 17812
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.6 46.8#
 77 0.3 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.965 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012439.D
 Acq: 01 Sep 2019 11:11

Tgt Ion: 117 Resp: 20967
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.2 114.2#
 121 0.0 23.8 35.8#





#49

1,4-Dioxane

Concen: 2.872 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012439.D

Acq: 01 Sep 2019 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

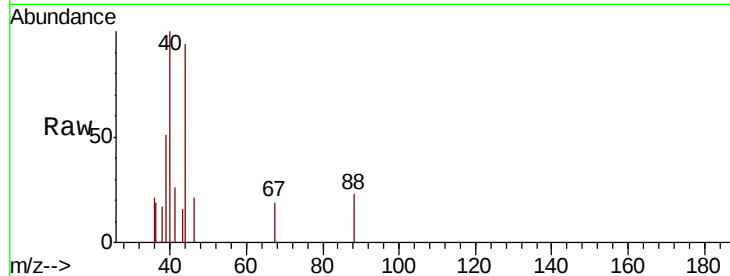
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 220.0 32.9 49.3#

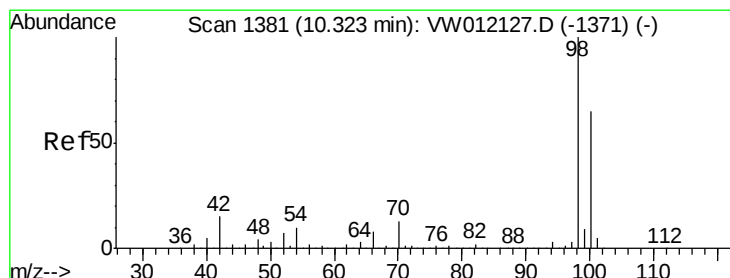
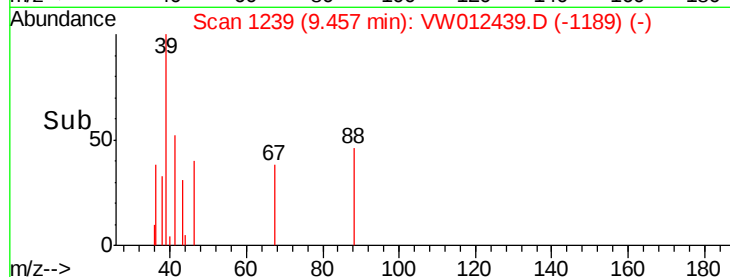
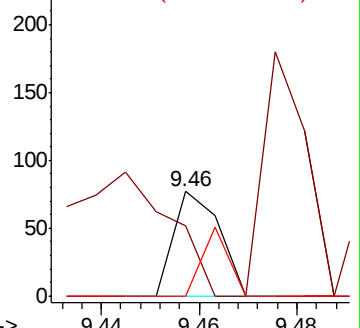
58 38.0 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.517 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012439.D

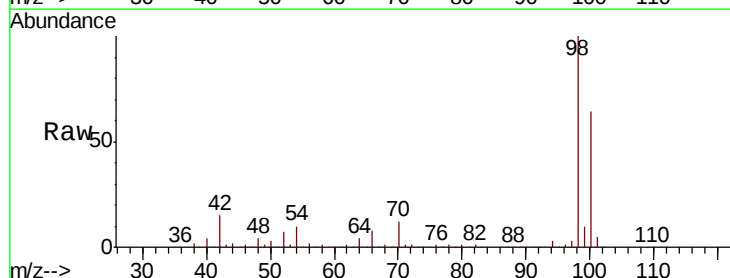
Acq: 01 Sep 2019 11:11

Tgt Ion: 98 Resp: 411513

Ion Ratio Lower Upper

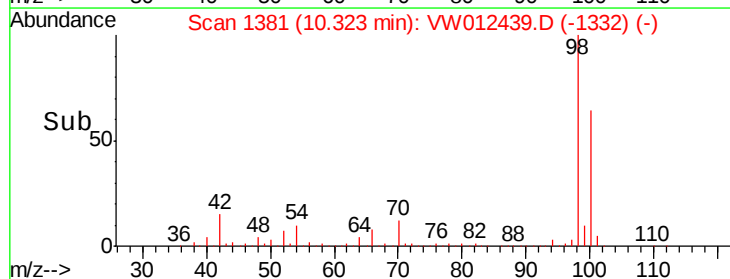
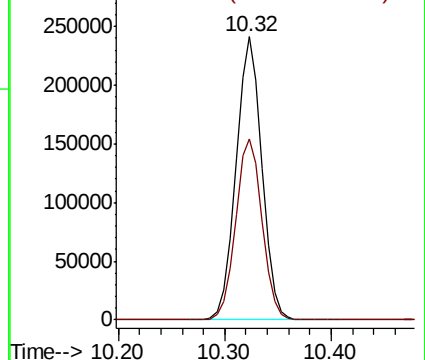
98 100

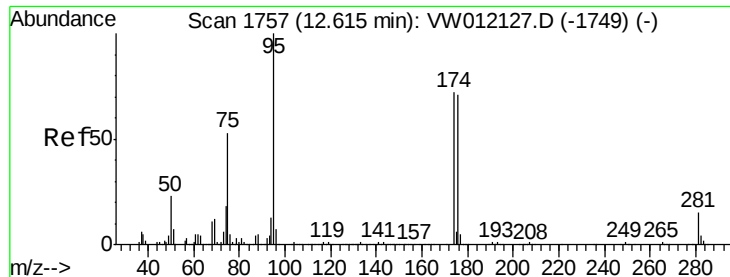
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

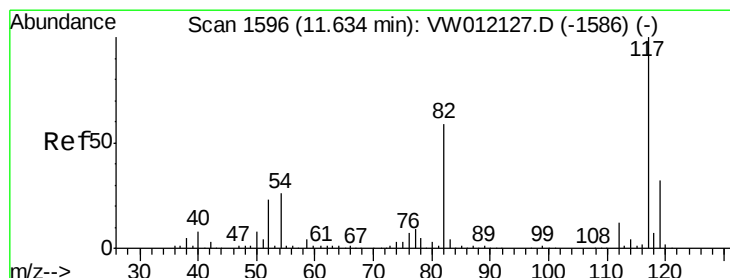
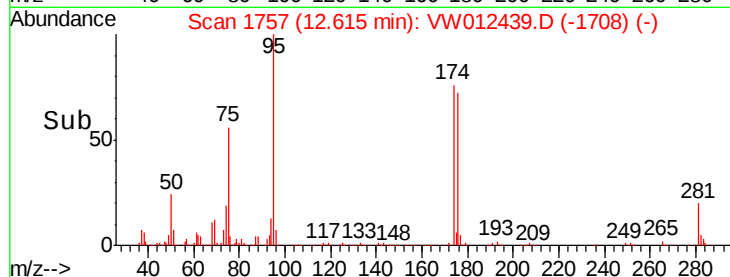
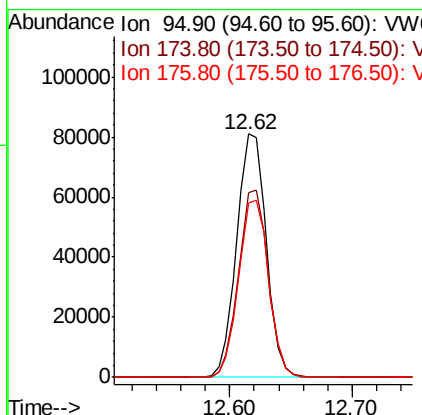
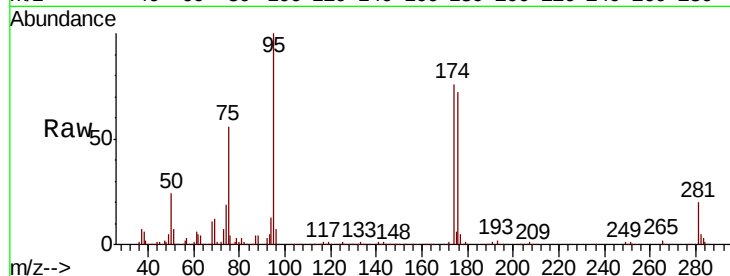




#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012439.D
Acq: 01 Sep 2019 11:11

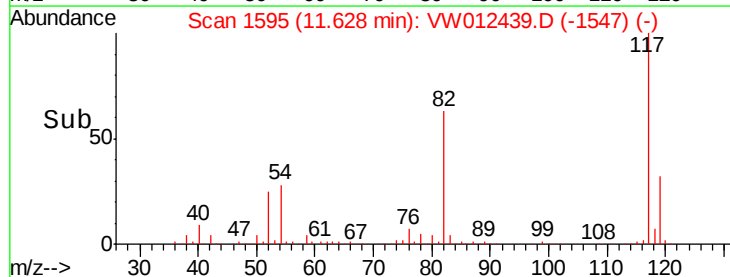
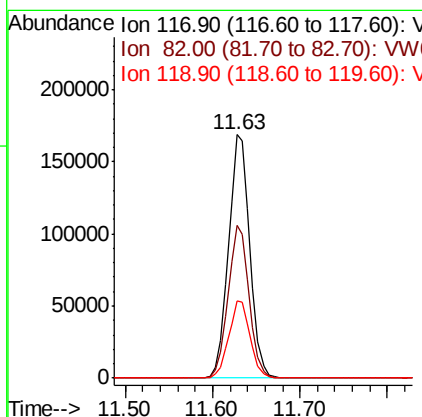
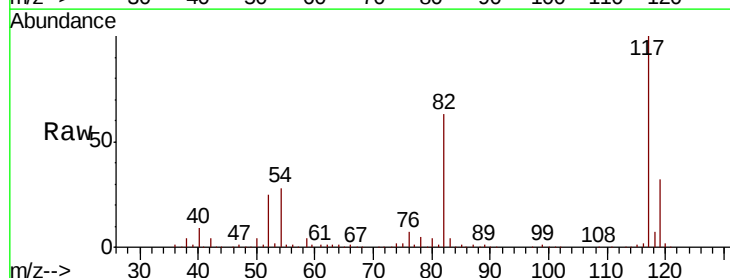
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ClientSampleId :
VW0901SBL01

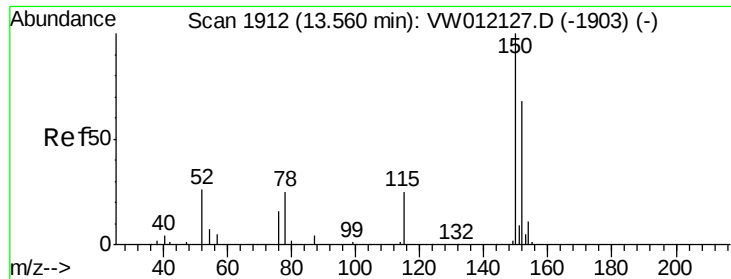
Tgt Ion: 95 Resp: 135453
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.8
176 74.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012439.D
Acq: 01 Sep 2019 11:11

Tgt Ion: 117 Resp: 284073
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012439.D

Acq: 01 Sep 2019 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

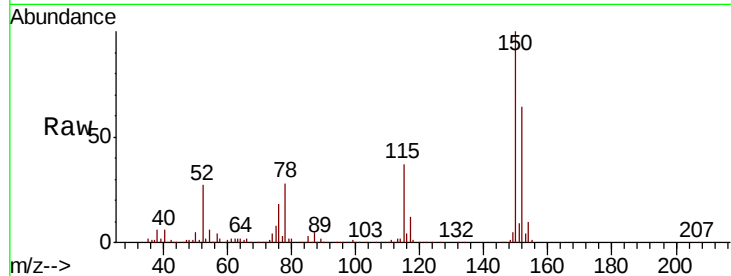
Tgt Ion:152 Resp: 119095

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

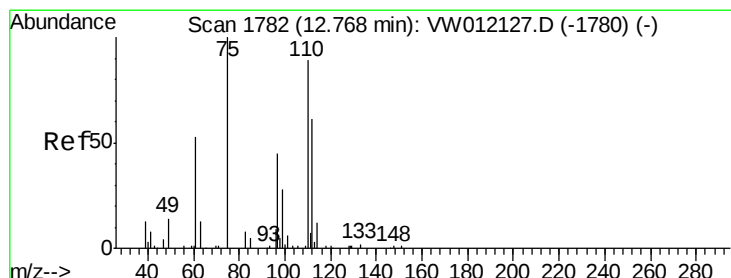
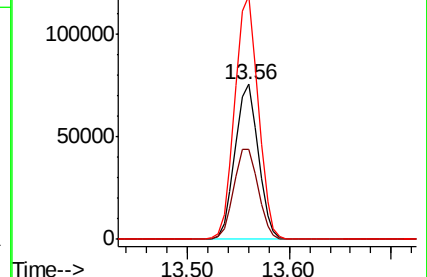
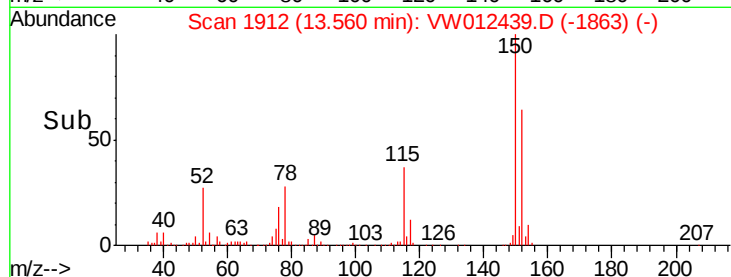
150 157.7 0.0 345.8



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: 63.763 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012439.D

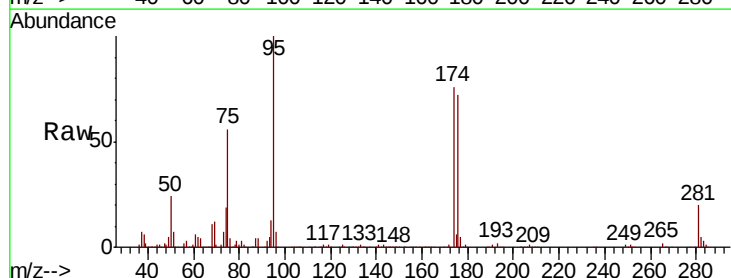
Acq: 01 Sep 2019 11:11

Tgt Ion: 75 Resp: 73959

Ion Ratio Lower Upper

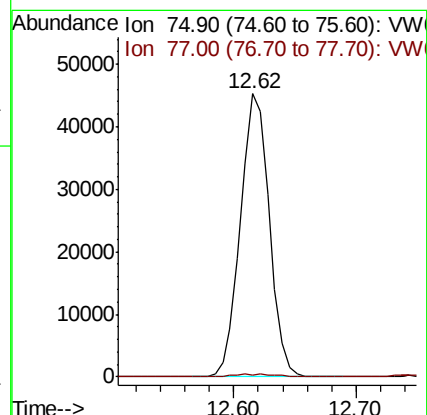
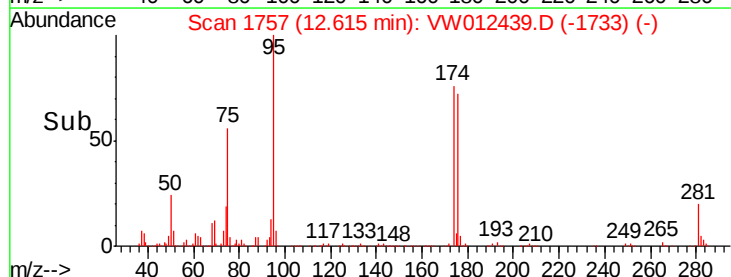
75 100

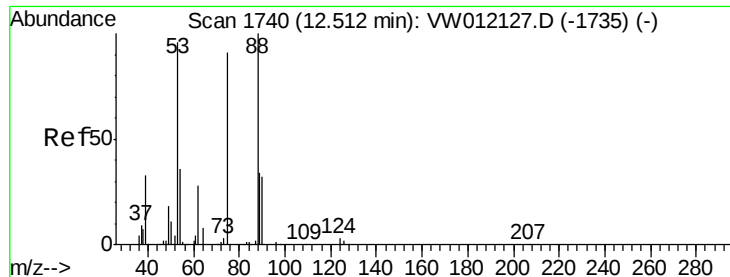
77 1.3 0.0 0.0#



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: 139.803 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012439.D

Acq: 01 Sep 2019 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

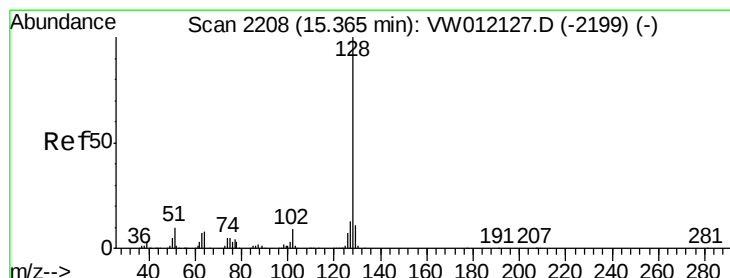
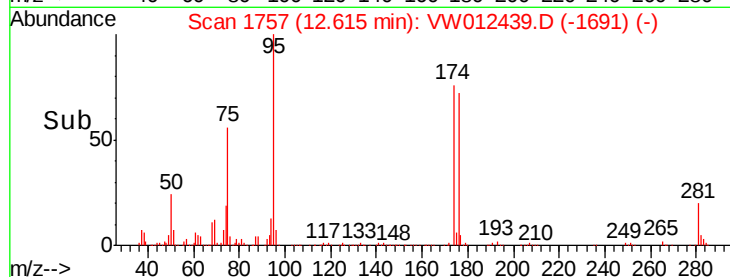
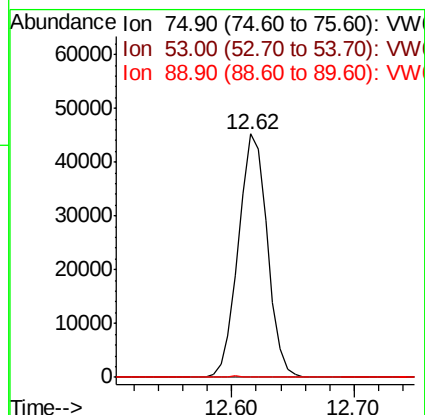
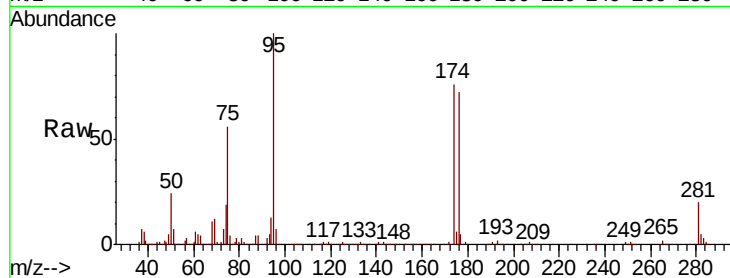
Tgt Ion: 75 Resp: 73959

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.3 34.5 51.7#



#95

Naphthalene

Concen: 4.511 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012439.D

Acq: 01 Sep 2019 11:11

Tgt Ion: 128 Resp: 934

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 0.0 8.7 13.1#

