

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009057.D
 Acq On : 08 Mar 2019 16:23
 Operator : SY/VA
 Sample : K1807-33
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

Quant Time: Mar 09 01:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	204115	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	183079	60.06	ug/l	0.00
Spiked Amount			Recovery	=	120.12%	
35) Dibromofluoromethane	7.88	113	150352	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	10.32	98	575703	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.62	95	200483	42.49	ug/l	0.00
Spiked Amount			Recovery	=	84.98%	

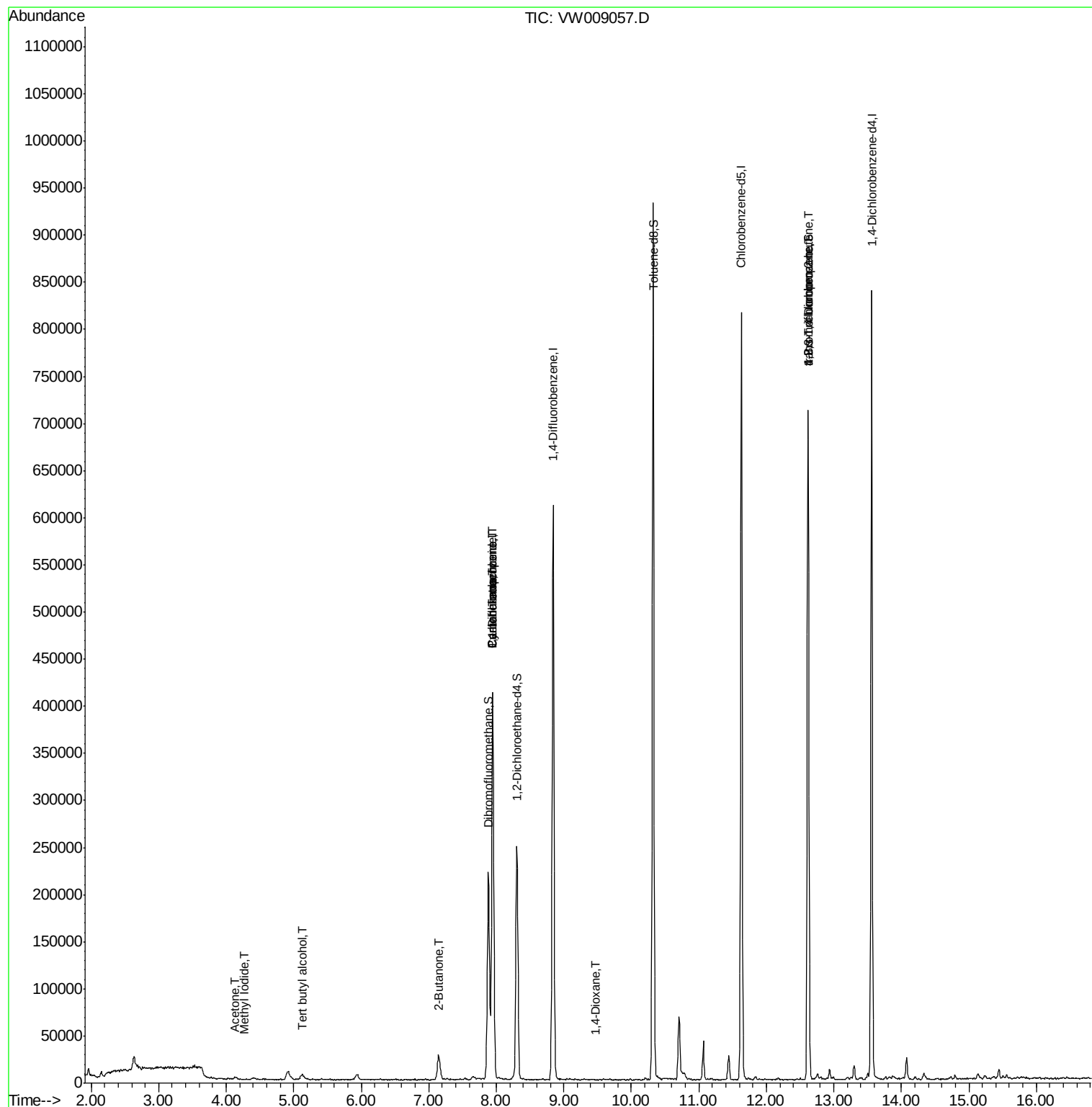
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.27	142	213	3.246	ug/l #	72
11) Tert butyl alcohol	5.13	59	4792	20.514	ug/l #	72
16) Acetone	4.14	43	4125	5.997	ug/l #	66
20) Methylene Chloride	4.90	84	6836	Below Cal	#	76
25) 2-Butanone	7.15	43	1230	1.294	ug/l #	50
31) Cyclohexane	7.95	56	7217	1.270	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	23939	4.724	ug/l #	52
38) Carbon Tetrachloride	7.95	117	31274	5.976	ug/l #	17
49) 1,4-Dioxane	9.47	88	31	1.170	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	107535	66.681	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	107535	149.148	ug/l #	5

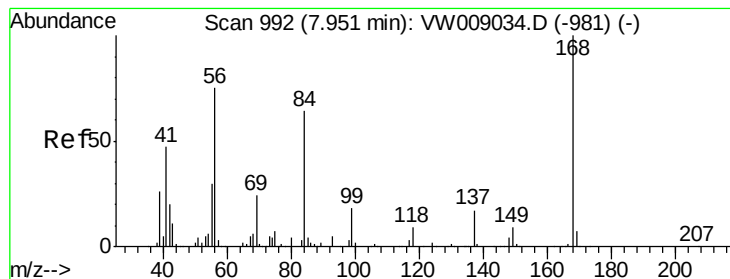
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
Data File : VW009057.D
Acq On : 08 Mar 2019 16:23
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Misc : 5.11G/5ML/MSVOA W/SOIL
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Quant Time: Mar 09 01:19:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
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: VW009057.D

Acq: 08 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

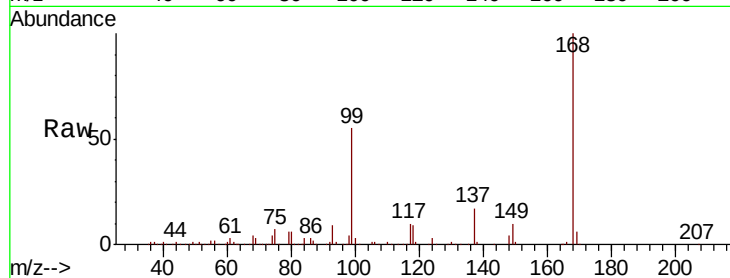
TP-12

Tot Ion:168 Resp: 302982

Ion Ratio Lower Upper

168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

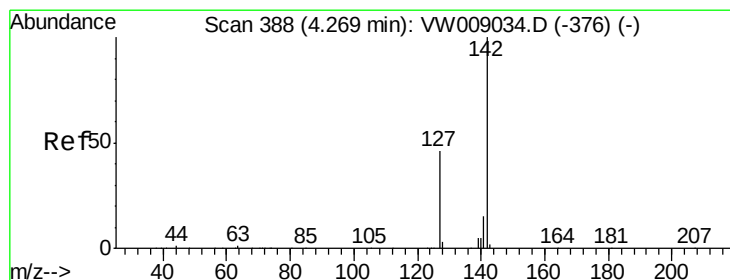
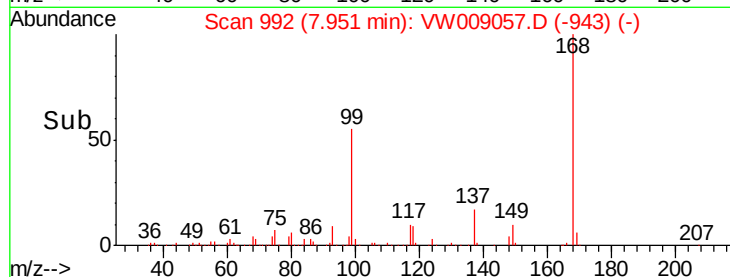
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#10

Methyl Iodide

Concen: 3.246 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009057.D

Acq: 08 Mar 2019 16:23

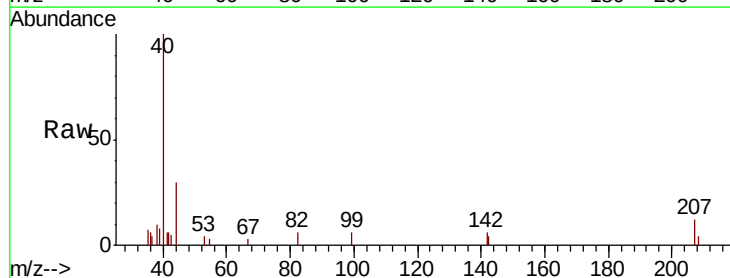
Tgt Ion:142 Resp: 213

Ion Ratio Lower Upper

142 100

127 28.2 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.27

250

200

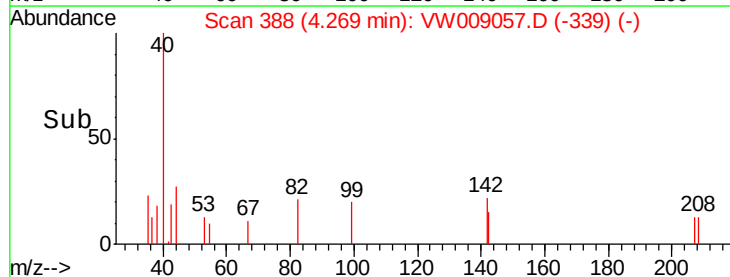
150

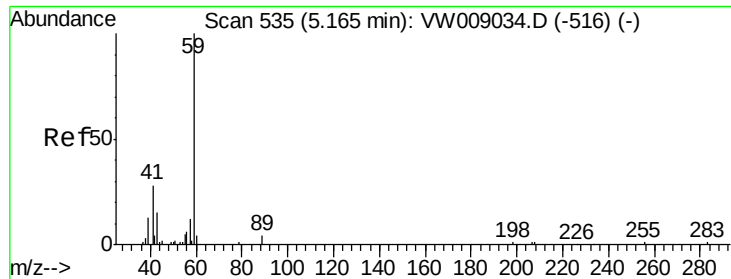
100

50

0

Time--> 4.24 4.26 4.28 4.30



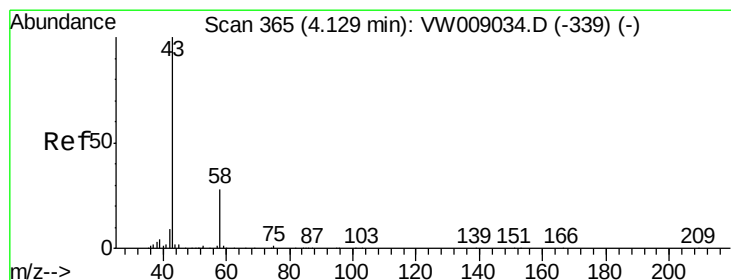
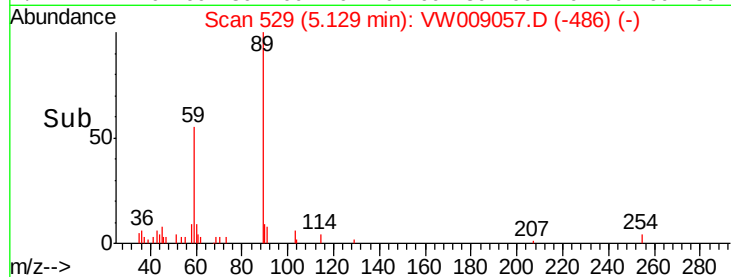
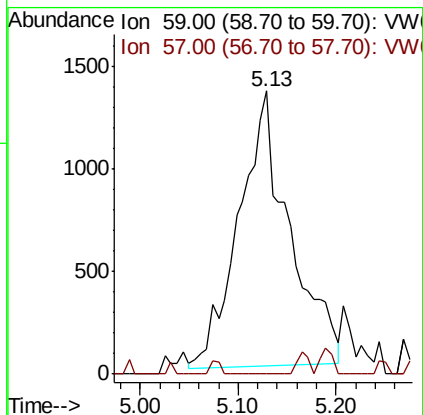
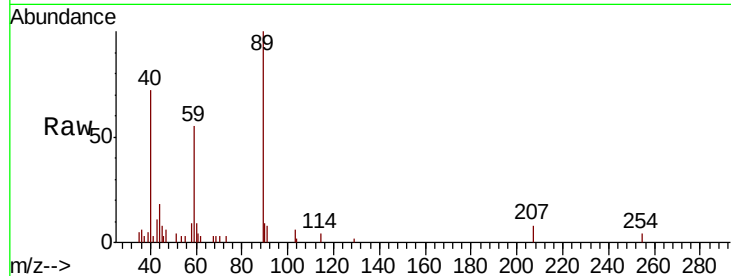


#11

Tert butyl alcohol
 Concen: 20.514 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW009057.D
 Acq: 08 Mar 2019 16:23

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

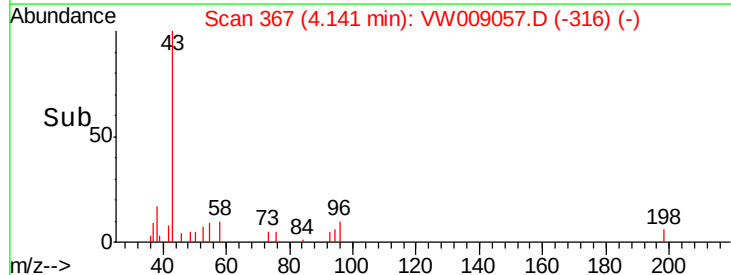
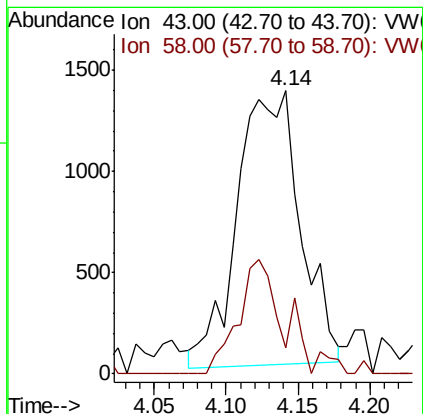
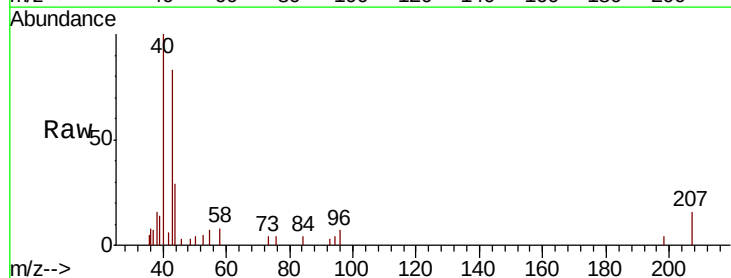
Tot Ion: 59 Resp: 4792
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

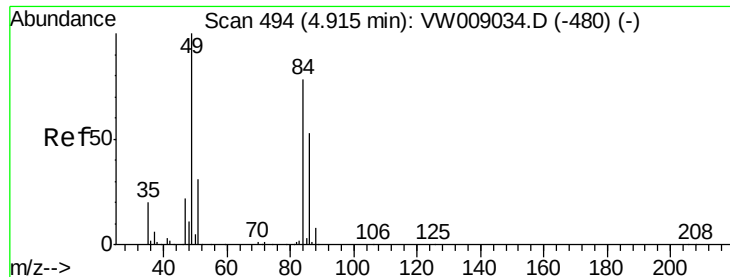


#16

Acetone
 Concen: 5.997 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW009057.D
 Acq: 08 Mar 2019 16:23

Tgt Ion: 43 Resp: 4125
 Ion Ratio Lower Upper
 43 100
 58 10.0 22.5 33.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009057.D

Acq: 08 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

TP-12

Tot Ion: 84 Resp: 6836

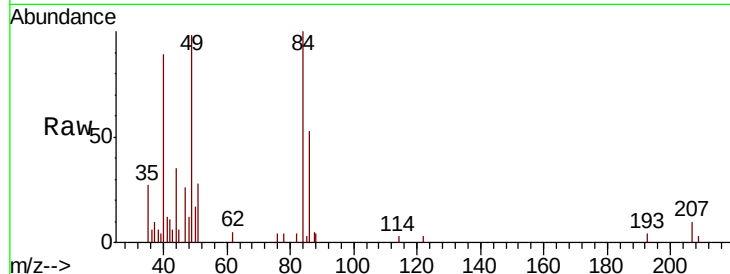
Ion Ratio Lower Upper

84 100

49 98.2 102.4 153.6#

51 28.0 31.6 47.4#

86 48.8 54.5 81.7#

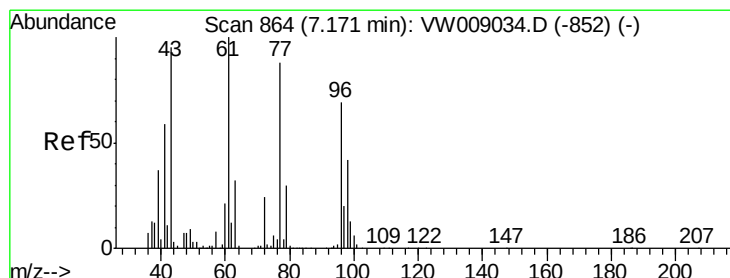
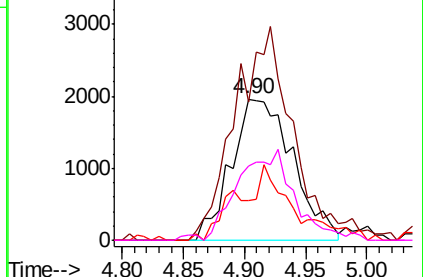
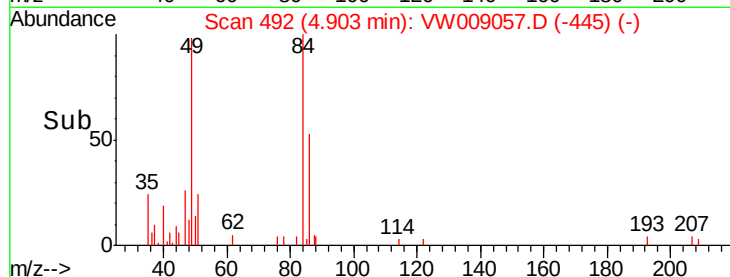


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.294 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW009057.D

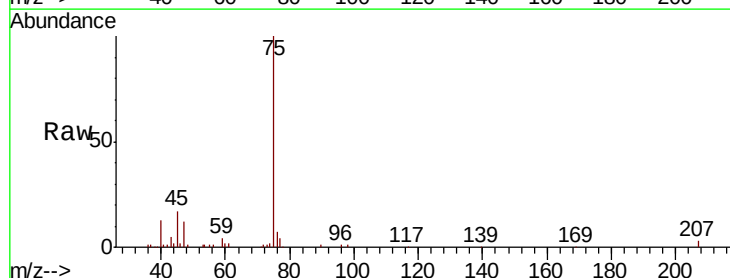
Acq: 08 Mar 2019 16:23

Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

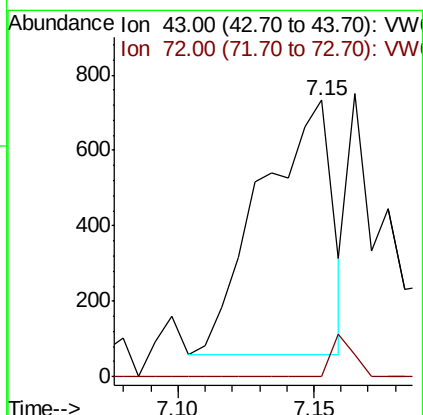
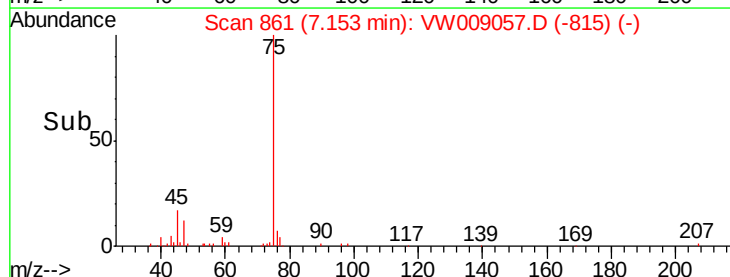
43 100

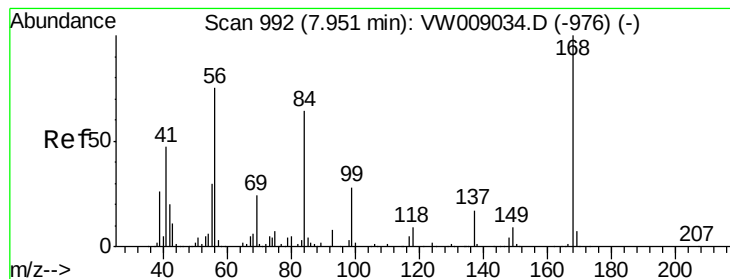
72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.270 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009057.D

Acq: 08 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampled :

TP-12

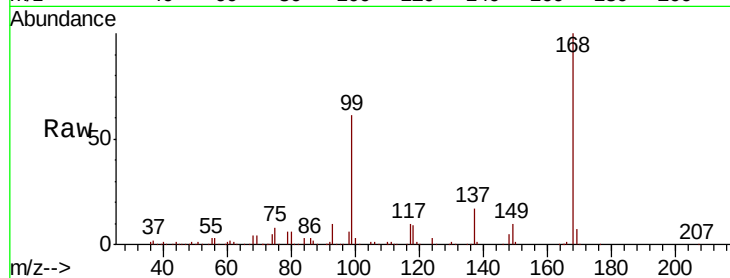
Tot Ion: 56 Resp: 7217

Ion Ratio Lower Upper

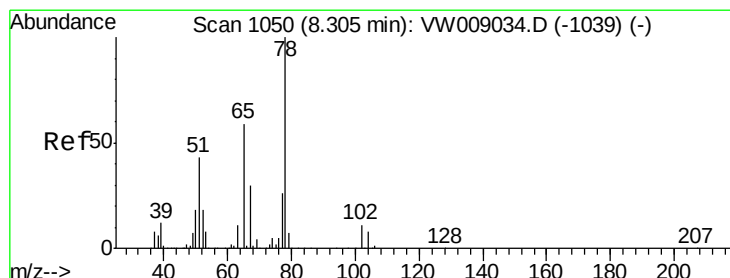
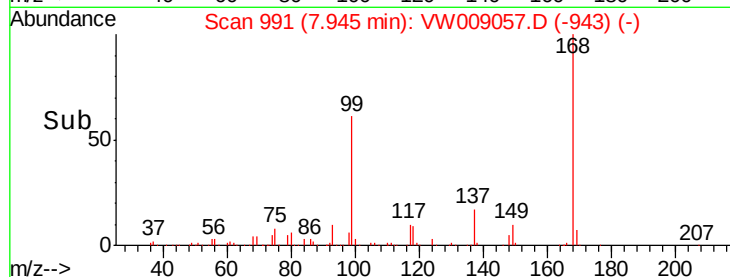
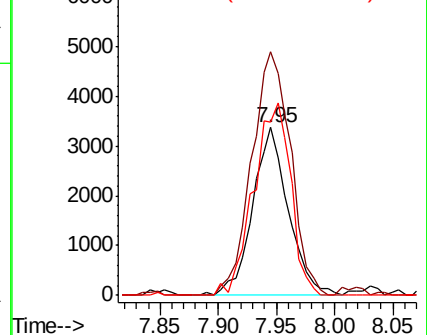
56 100

69 145.1 25.5 38.3#

84 103.1 68.6 103.0#



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: 60.059 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009057.D

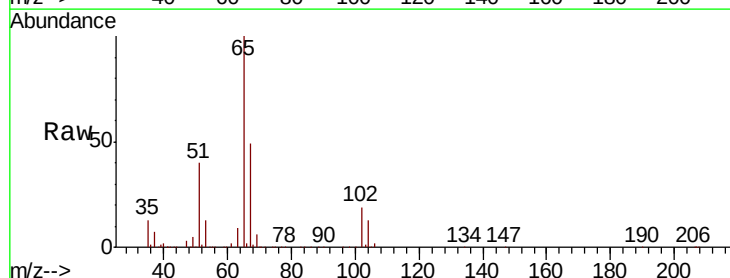
Acq: 08 Mar 2019 16:23

Tgt Ion: 65 Resp: 183079

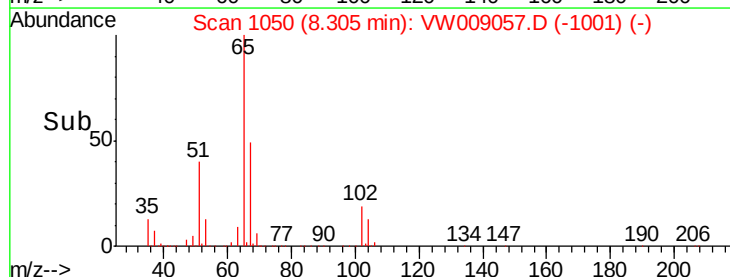
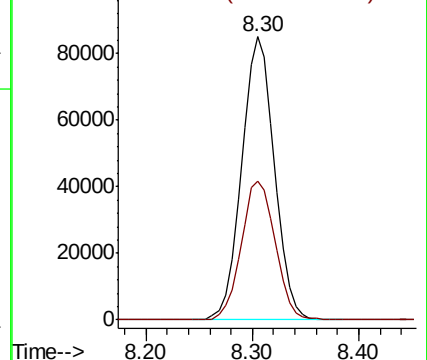
Ion Ratio Lower Upper

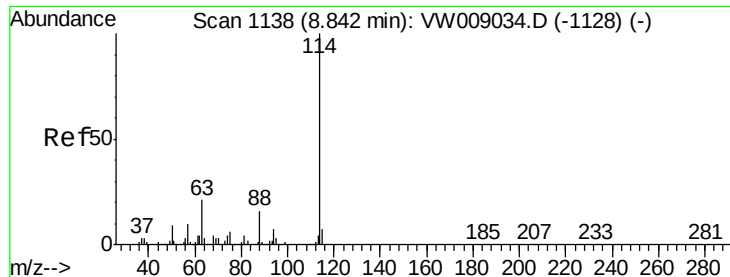
65 100

67 51.0 0.0 103.0



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

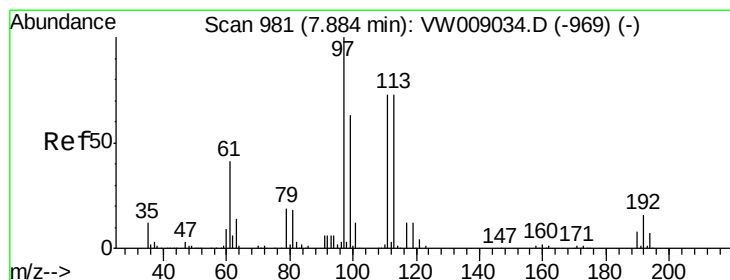
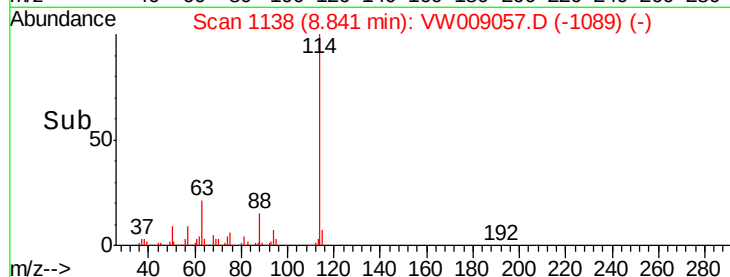
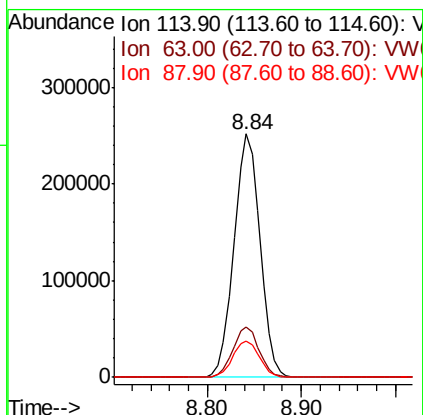
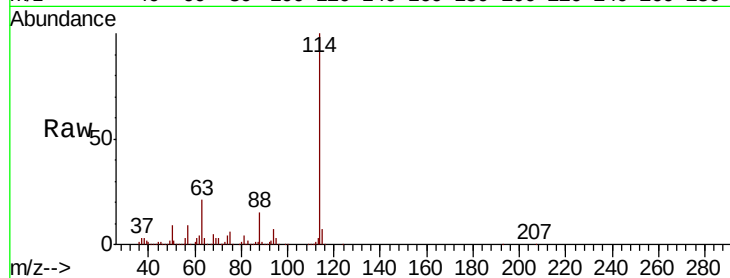




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

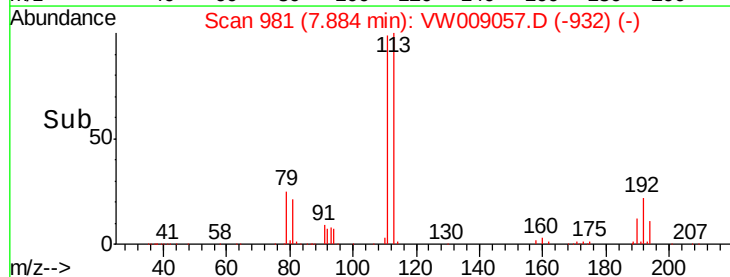
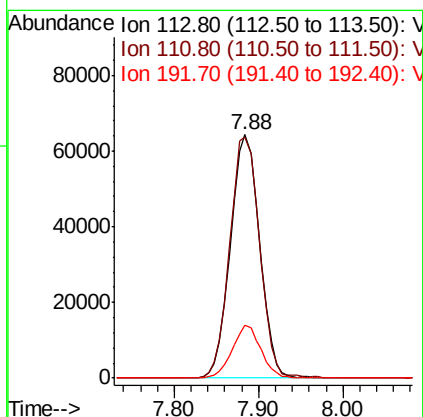
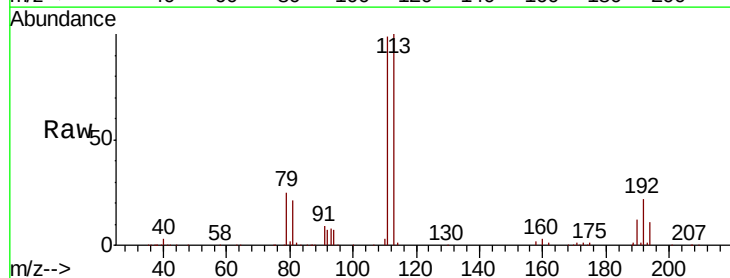
Instrument :
MSVOA_W
ClientSampleId :
TP-12

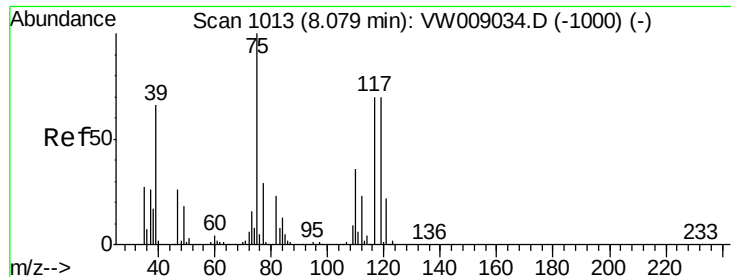
Tot Ion:114 Resp: 484664
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.2
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.524 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

Tgt Ion:113 Resp: 150352
Ion Ratio Lower Upper
113 100
111 101.2 81.0 121.4
192 21.2 17.1 25.7

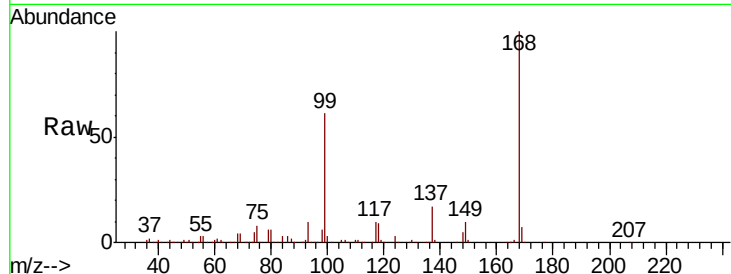




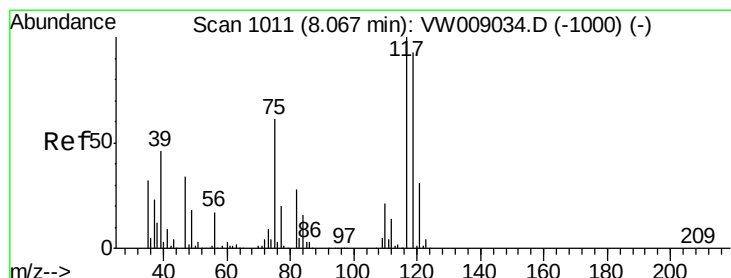
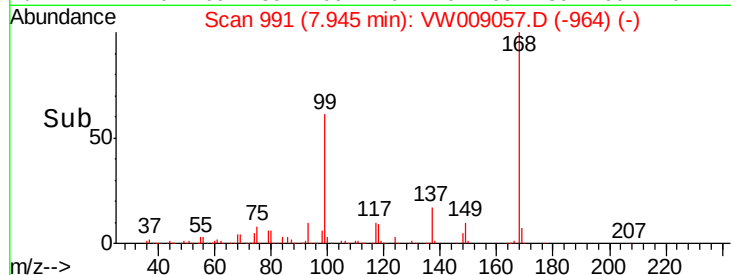
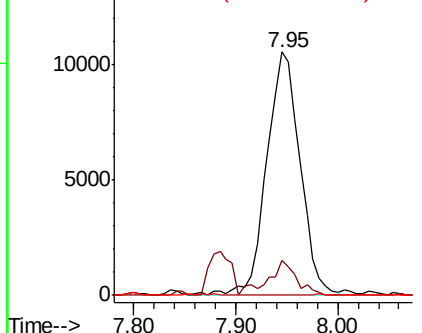
#36
 1,1-Dichloropropene
 Concen: 4.724 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009057.D
 Acq: 08 Mar 2019 16:23

Instrument :
 MSVOA_W
 ClientSampled :
 TP-12

Tot Ion: 75 Resp: 23939
 Ion Ratio Lower Upper
 75 100
 110 11.7 17.6 52.9#
 77 0.0 25.1 37.7#

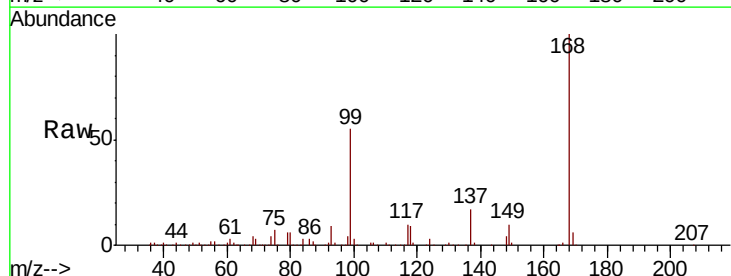


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

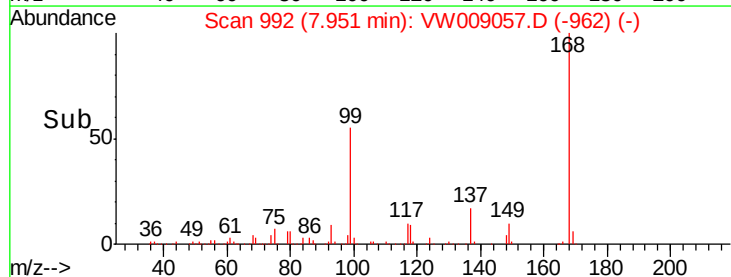
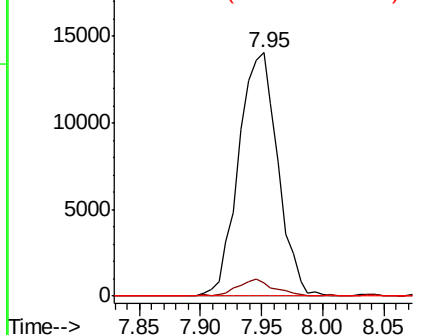


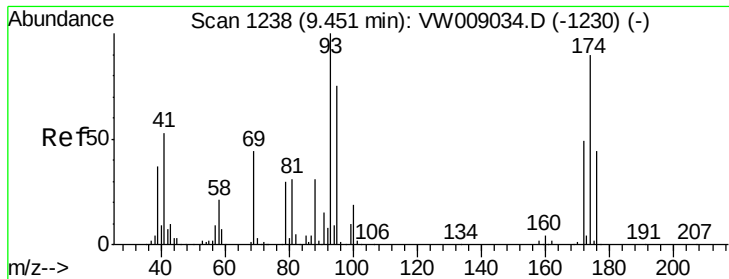
#38
 Carbon Tetrachloride
 Concen: 5.976 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW009057.D
 Acq: 08 Mar 2019 16:23

Tgt Ion: 117 Resp: 31274
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.6 112.0#
 121 0.0 24.7 37.1#



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





#49

1,4-Dioxane

Concen: 1.170 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW009057.D

Acq: 08 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampled :

TP-12

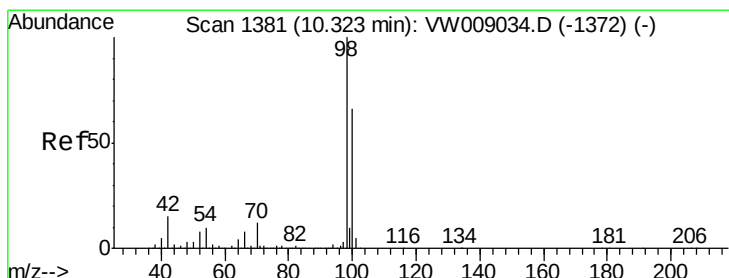
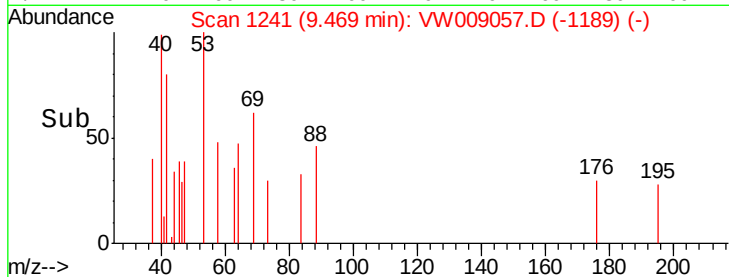
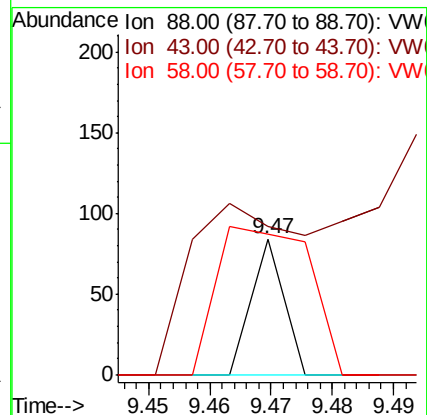
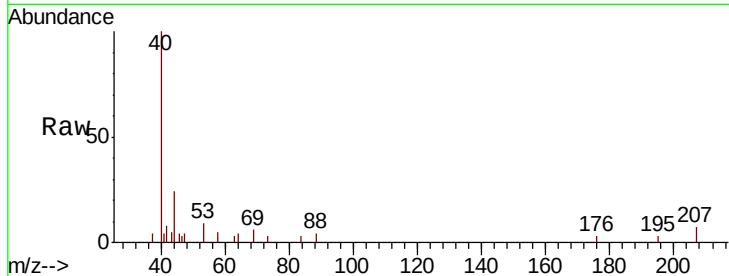
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 435.5 29.0 43.4#

58 306.5 59.2 88.8#



#50

Toluene-d8

Concen: 48.035 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009057.D

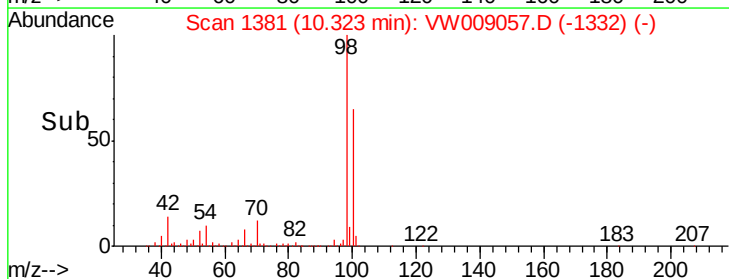
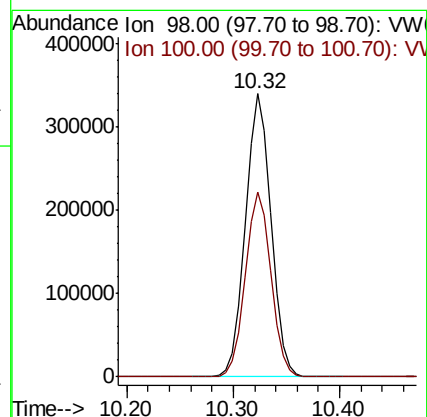
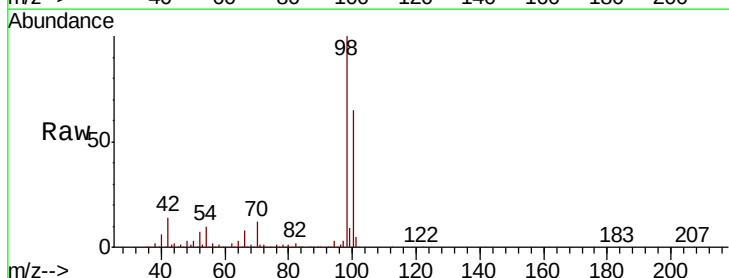
Acq: 08 Mar 2019 16:23

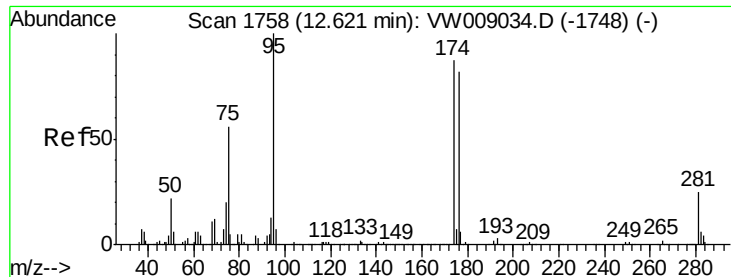
Tgt Ion: 98 Resp: 575703

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9

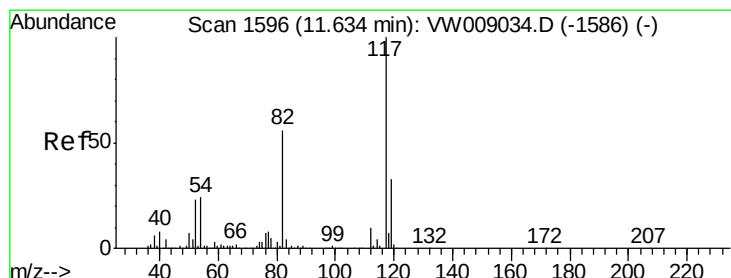
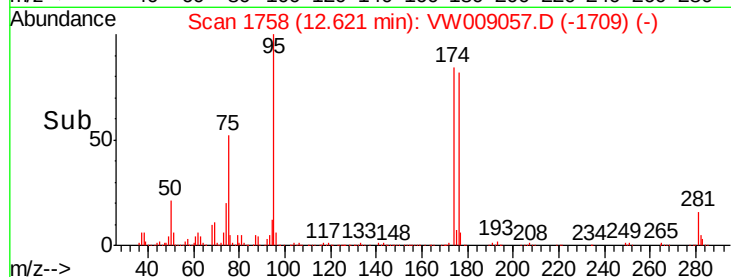
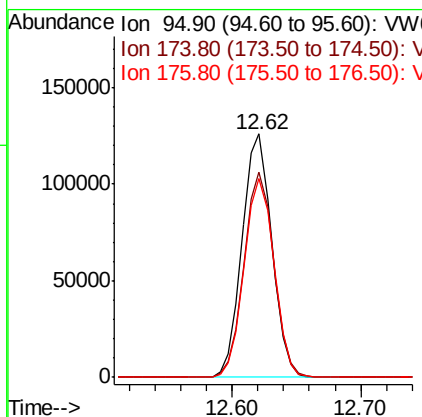
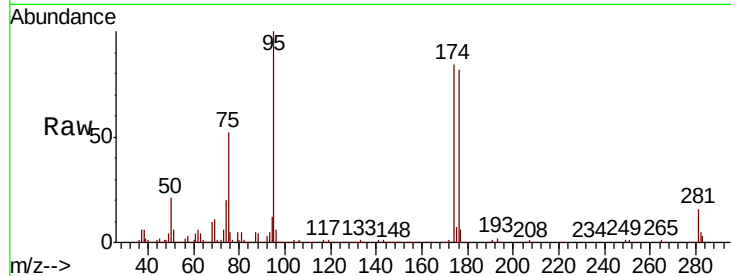




#62
4-Bromofluorobenzene
Concen: 42.493 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

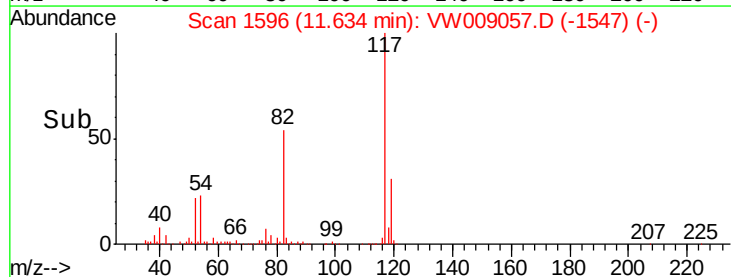
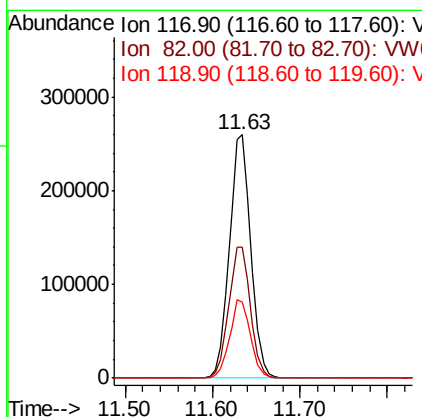
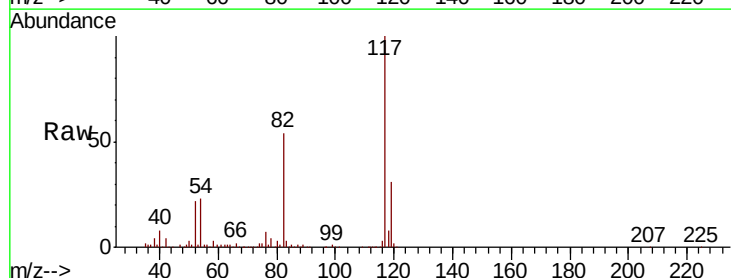
Instrument :
MSVOA_W
ClientSampleId :
TP-12

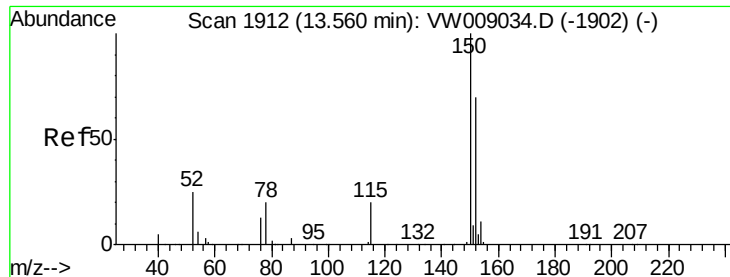
Tot Ion: 95 Resp: 200483
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.0
176 82.4 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

Tgt Ion: 117 Resp: 440651
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.6
119 31.0 26.6 39.8



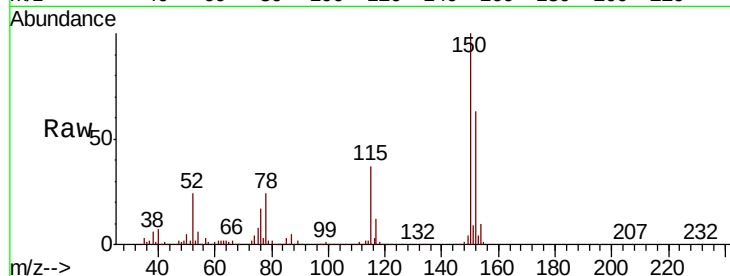


#72

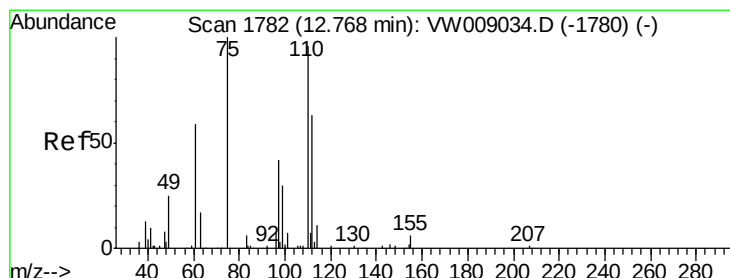
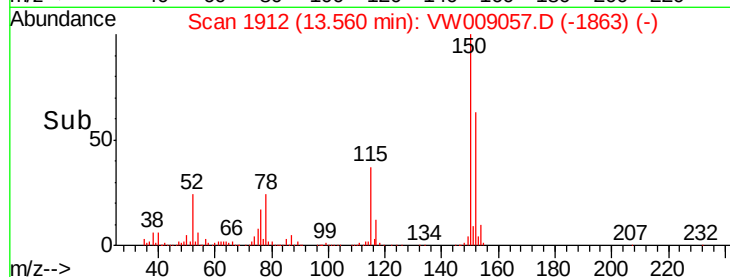
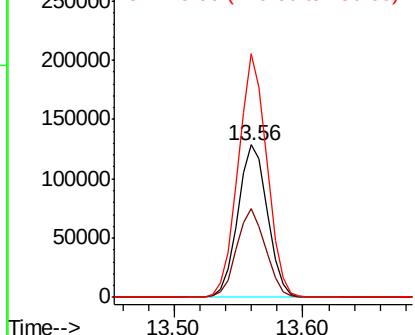
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

Instrument :
MSVOA_W
ClientSampled :
TP-12

Tot Ion:152 Resp: 204115
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 155.0 0.0 349.2



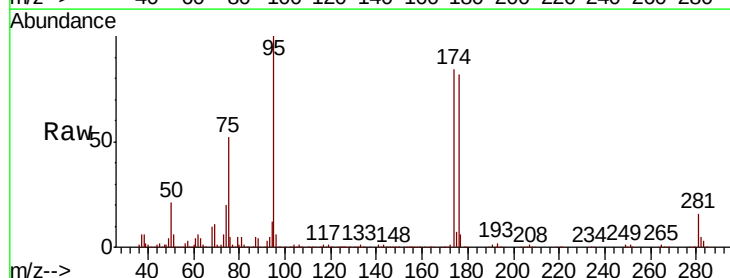
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



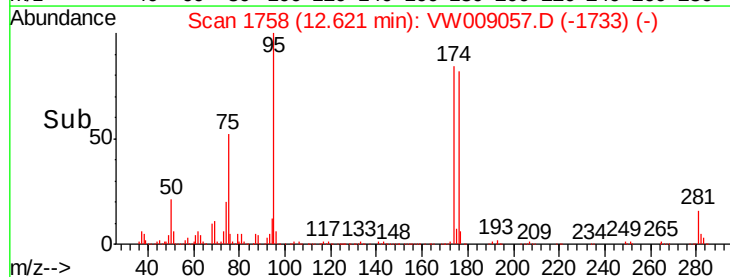
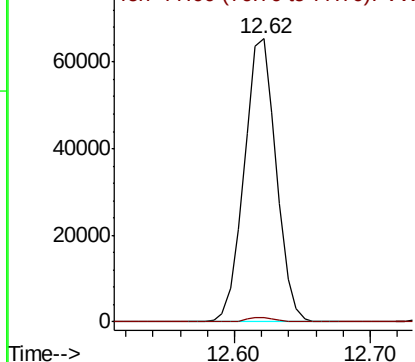
#76

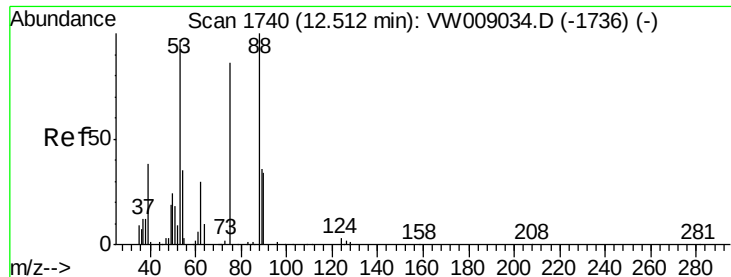
1,2,3-Trichloropropane
Concen: 66.681 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009057.D
Acq: 08 Mar 2019 16:23

Tgt Ion: 75 Resp: 107535
Ion Ratio Lower Upper
75 100
77 1.3 186.7 560.0#



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: 149.148 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009057.D

Acq: 08 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

TP-12

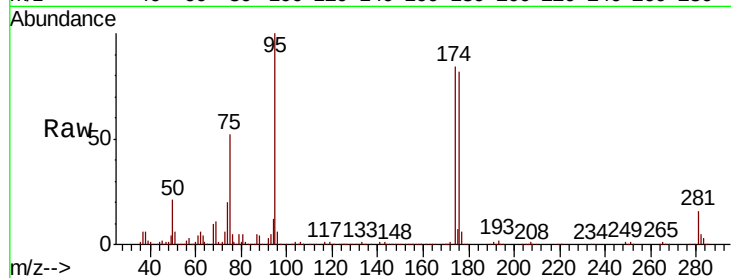
Tot Ion: 75 Resp: 107535

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.3 37.5 56.3#



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

