

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009058.D
 Acq On : 08 Mar 2019 16:50
 Operator : SY/VA
 Sample : K1807-35
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

Quant Time: Mar 09 01:19:45 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	258077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169214	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	151188	58.23	ug/l	0.00
Spiked Amount			Recovery	=	116.46%	
35) Dibromofluoromethane	7.88	113	119677	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	10.32	98	485399	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.62	95	161731	41.04	ug/l	0.00
Spiked Amount			Recovery	=	82.08%	

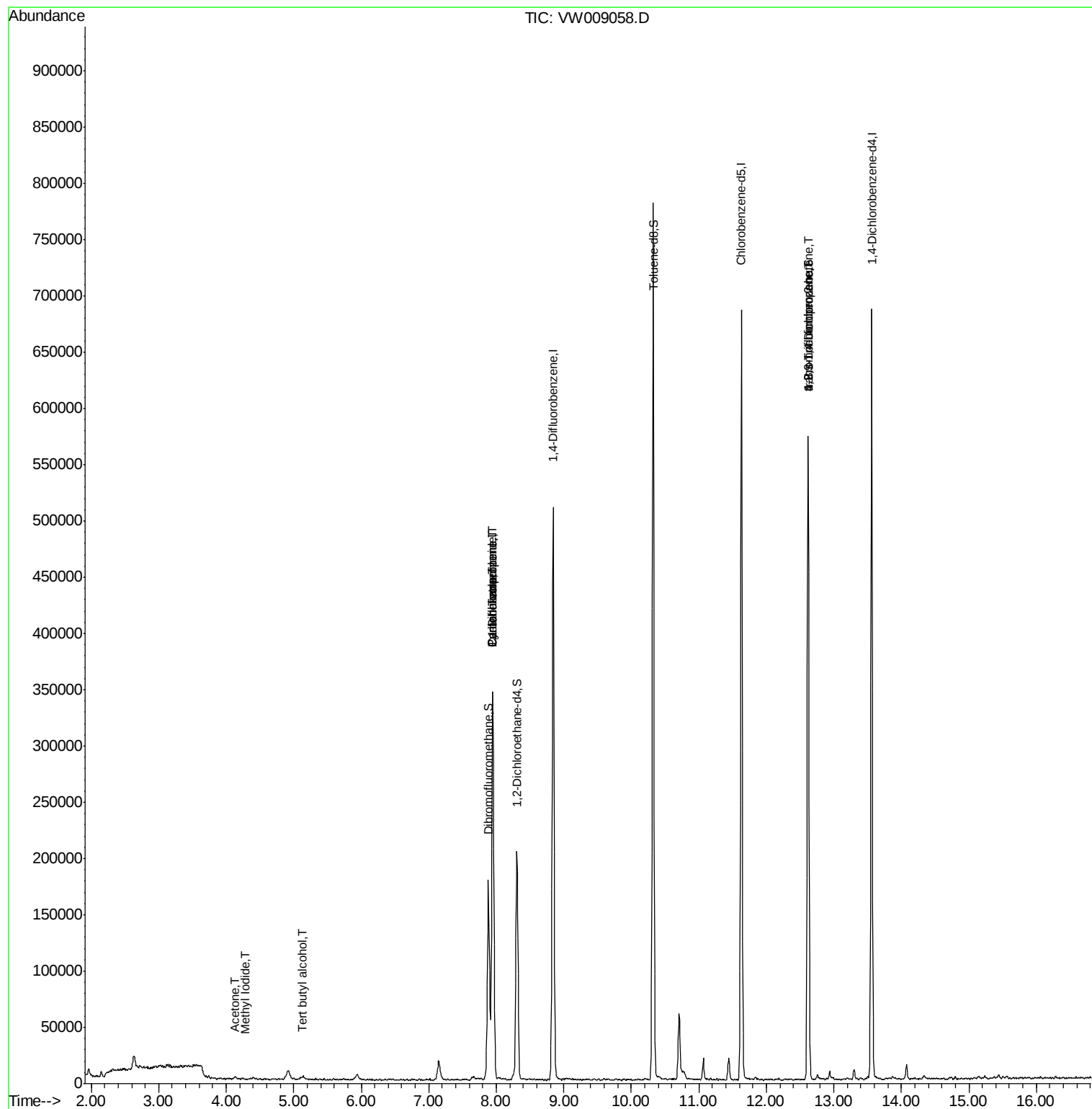
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	40	3.200	ug/l #	40
11) Tert butyl alcohol	5.13	59	2414	12.132	ug/l #	77
16) Acetone	4.13	43	4216	7.195	ug/l #	88
20) Methylene Chloride	4.92	84	6032	Below Cal		97
31) Cyclohexane	7.95	56	6097	1.259	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	20631	4.874	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24890	5.694	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	88532	66.220	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	88532	148.117	ug/l #	5

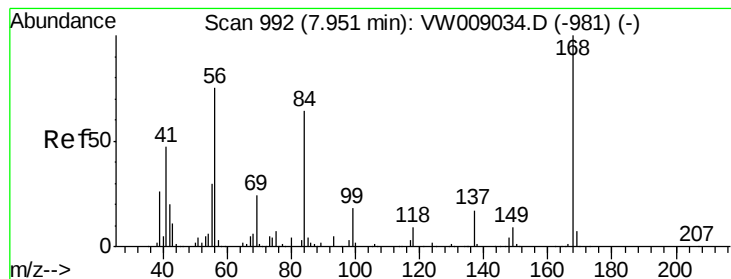
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009058.D

Acq: 08 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

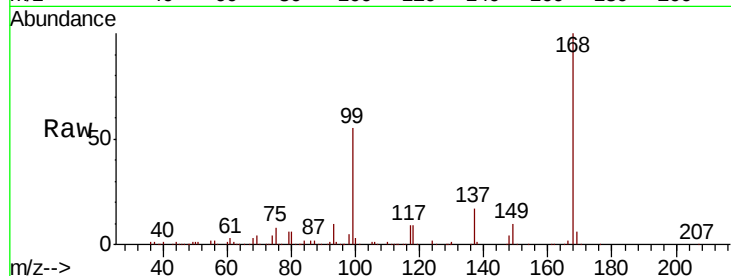
TP-11

Tot Ion:168 Resp: 258077

Ion Ratio Lower Upper

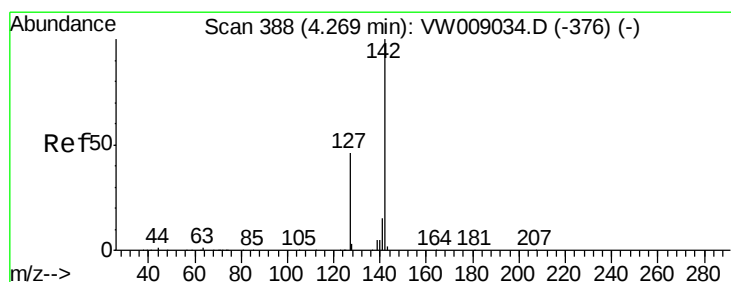
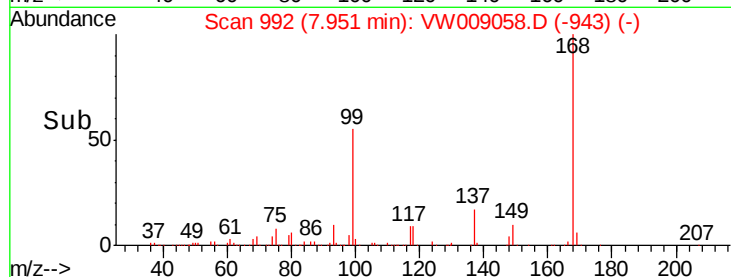
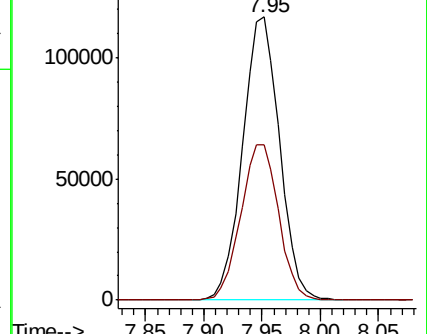
168 100

99 54.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 3.200 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW009058.D

Acq: 08 Mar 2019 16:50

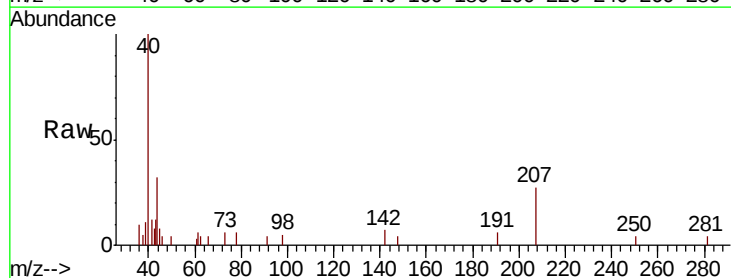
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

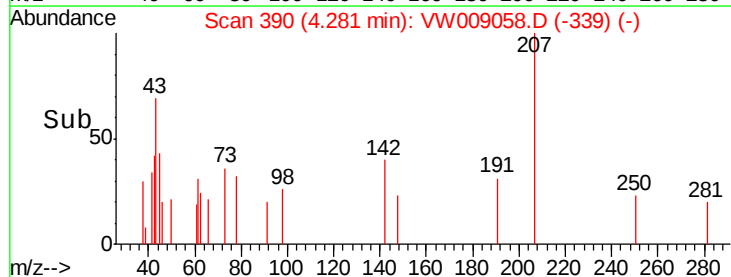
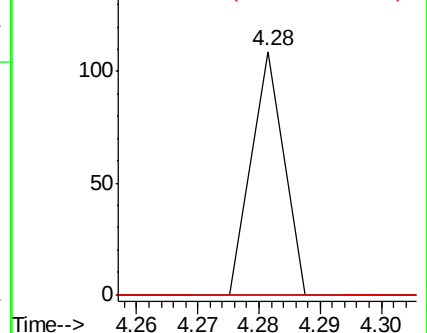
141 0.0 11.8 17.8#

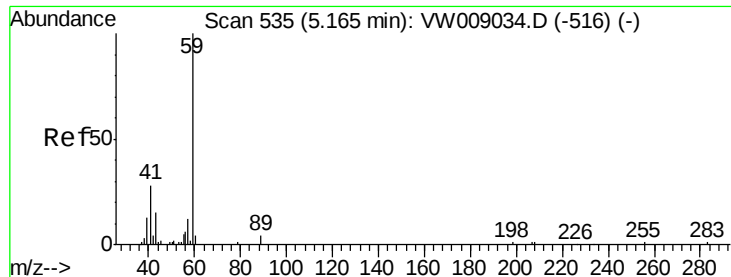


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



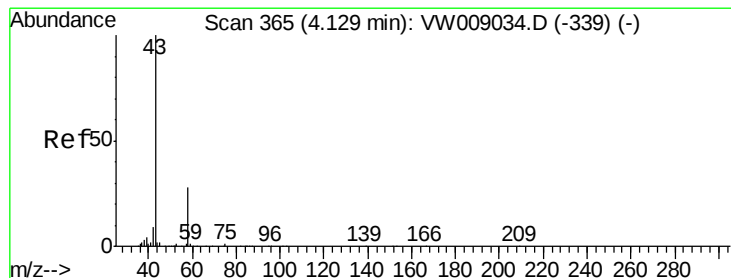
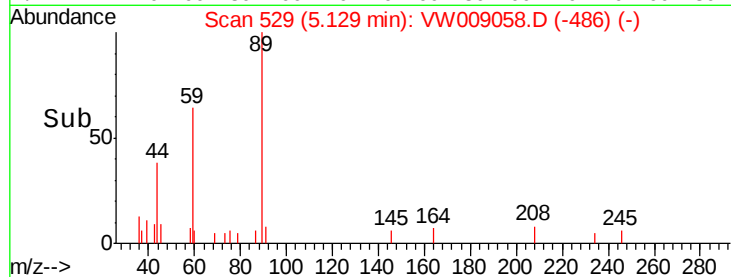
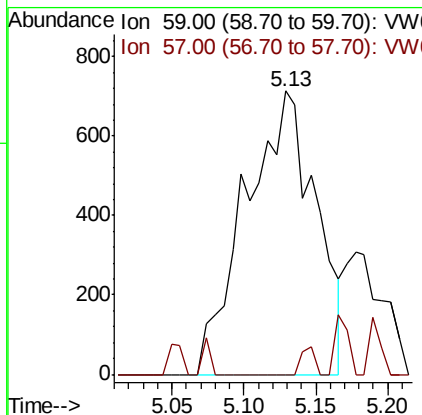
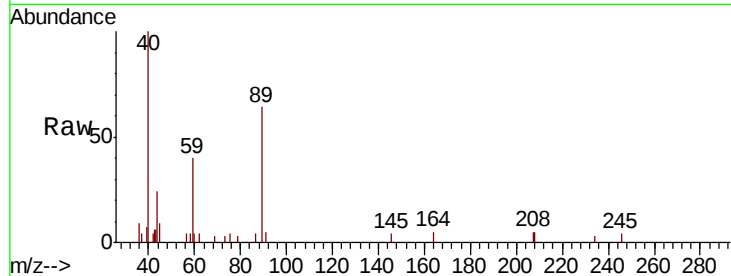


#11

Tert butyl alcohol
 Concen: 12.132 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

Instrument :
 MSVOA_W
 ClientSampled :
 TP-11

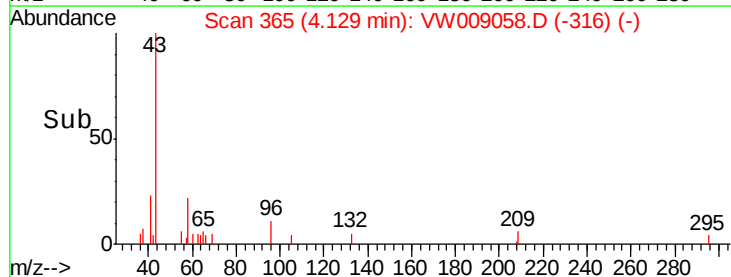
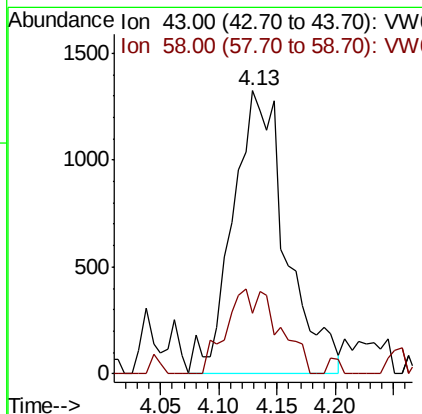
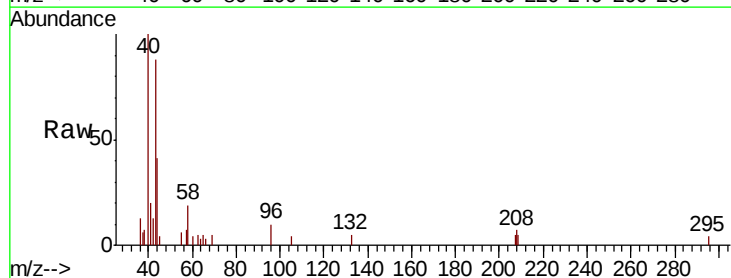
Tot Ion: 59 Resp: 2414
 Ion Ratio Lower Upper
 59 100
 57 1.9 8.6 12.8#

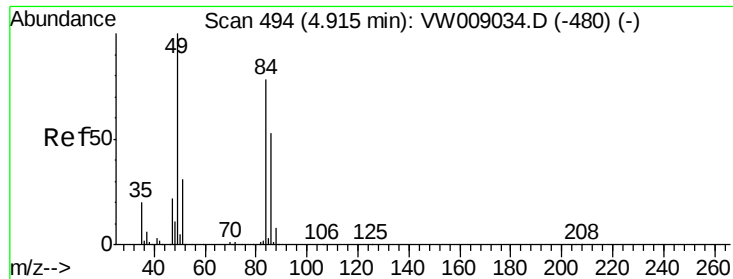


#16

Acetone
 Concen: 7.195 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

Tgt Ion: 43 Resp: 4216
 Ion Ratio Lower Upper
 43 100
 58 21.6 22.5 33.7#

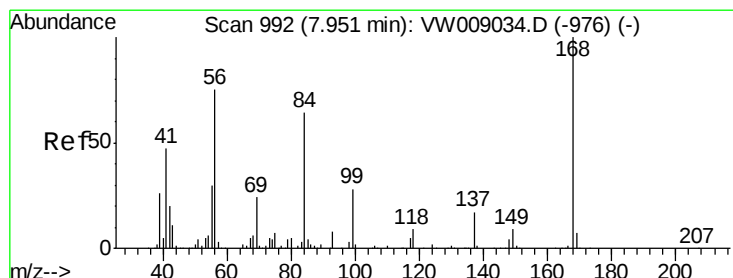
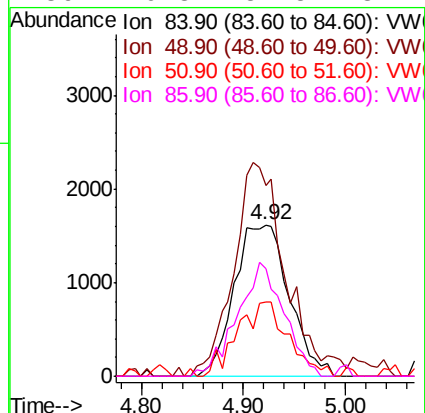
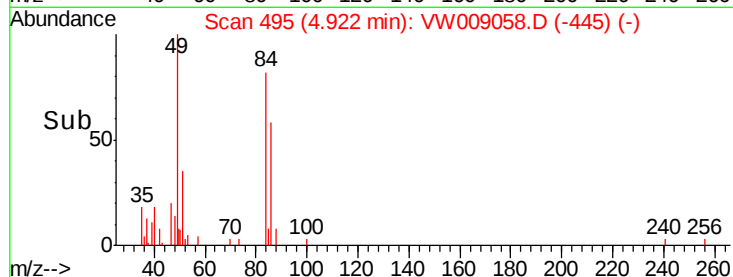
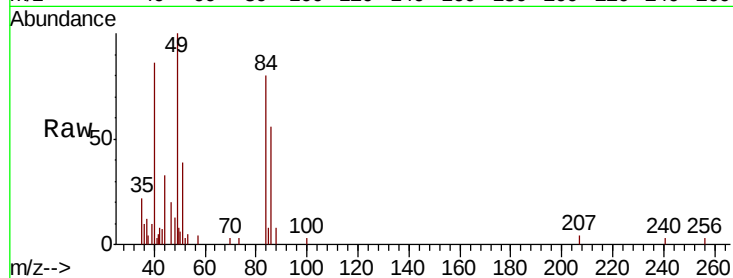




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

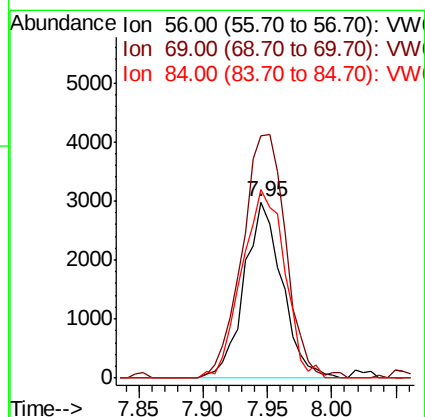
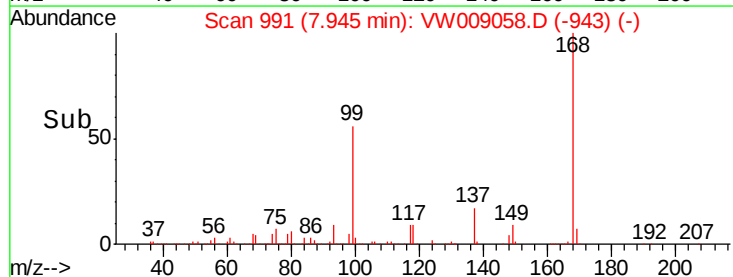
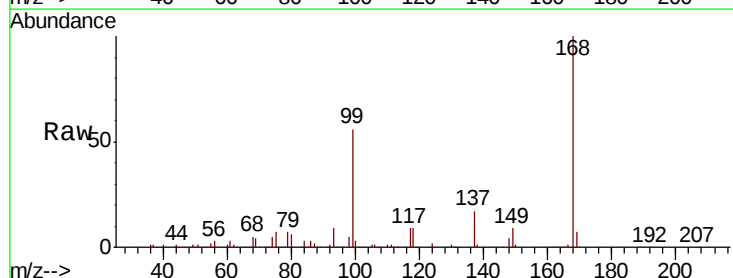
Instrument :
MSVOA_W
ClientSampled :
TP-11

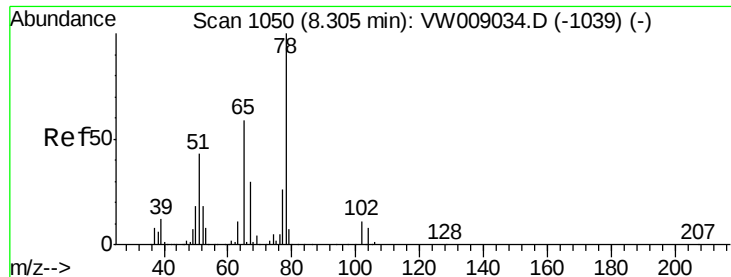
Tot Ion: 84 Resp: 6032
Ion Ratio Lower Upper
84 100
49 125.6 102.4 153.6
51 44.5 31.6 47.4
86 70.8 54.5 81.7



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

Tgt Ion: 56 Resp: 6097
Ion Ratio Lower Upper
56 100
69 138.1 25.5 38.3#
84 107.6 68.6 103.0#

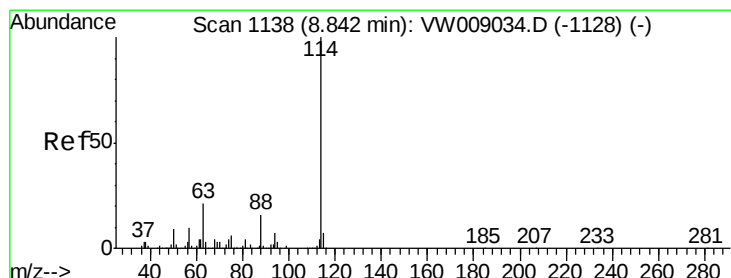
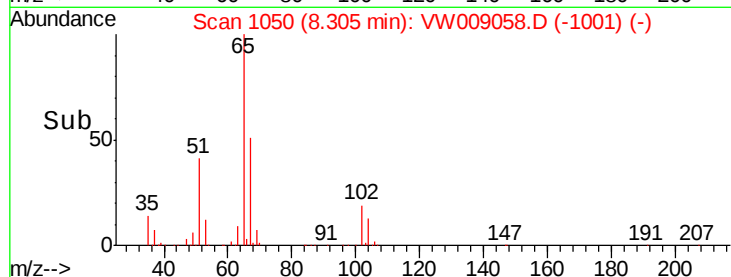
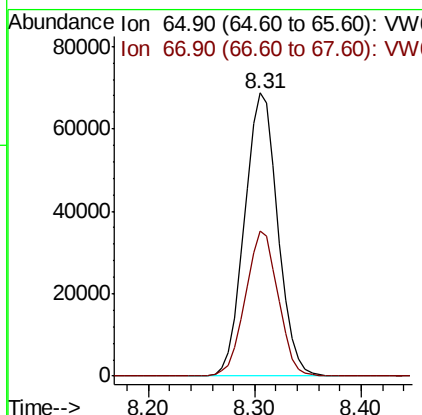
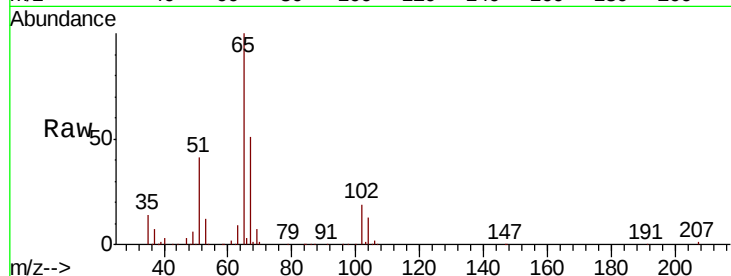




#33
 1,2-Dichloroethane-d4
 Concen: 58.227 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

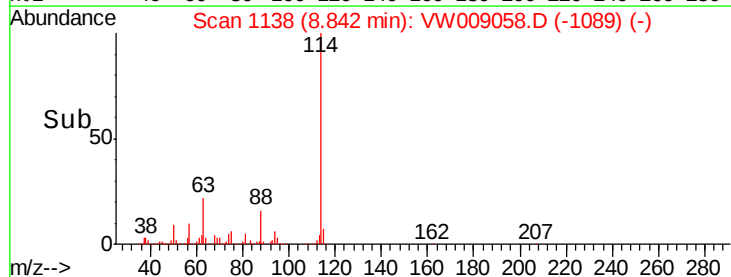
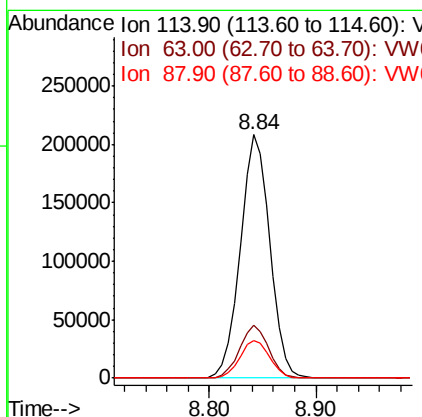
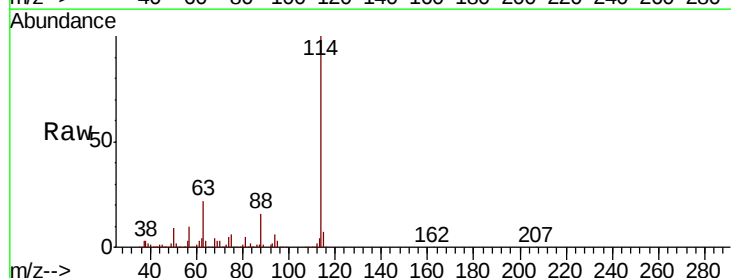
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

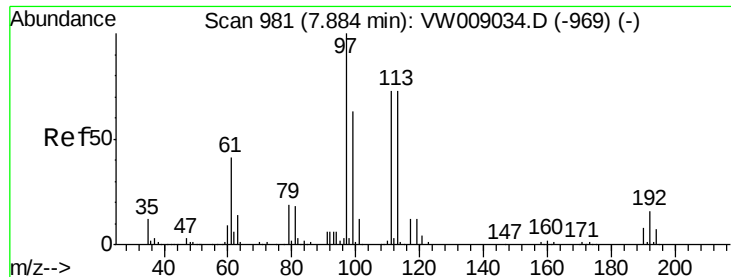
Tot Ion: 65 Resp: 151188
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

Tgt Ion: 114 Resp: 404831
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.2
 88 15.6 0.0 31.2

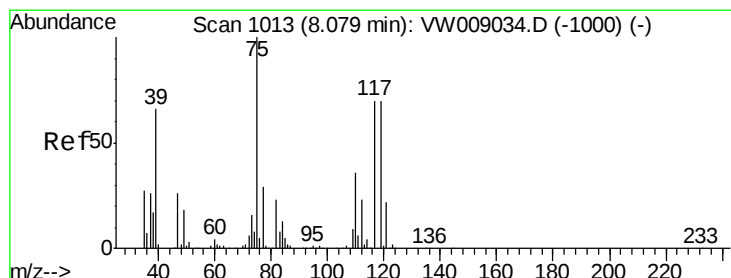
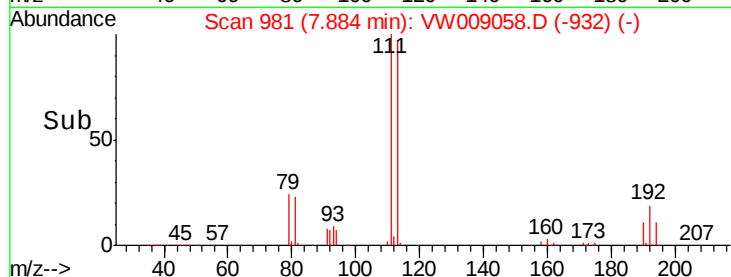
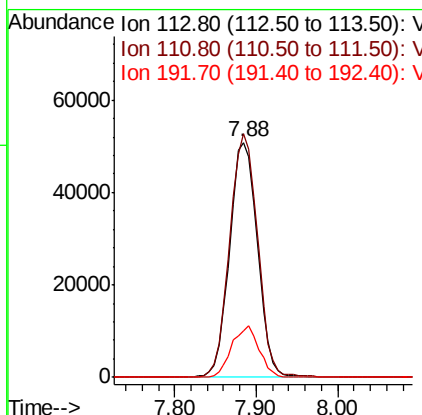
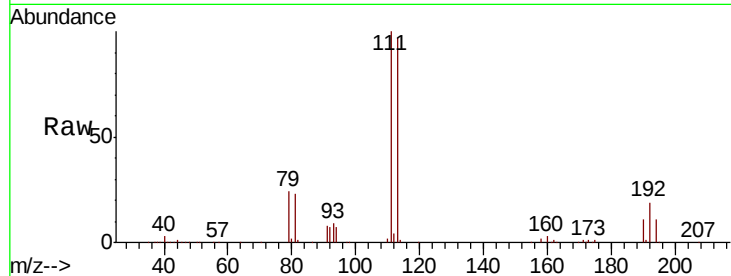




#35
 Dibromofluoromethane
 Concen: 49.099 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

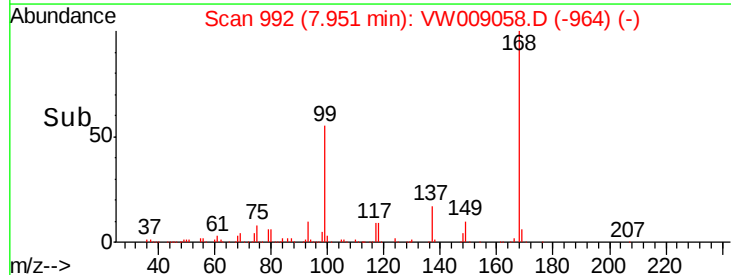
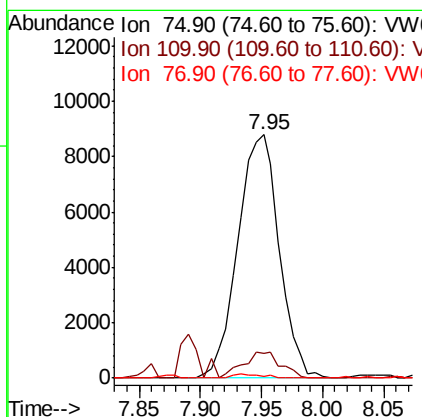
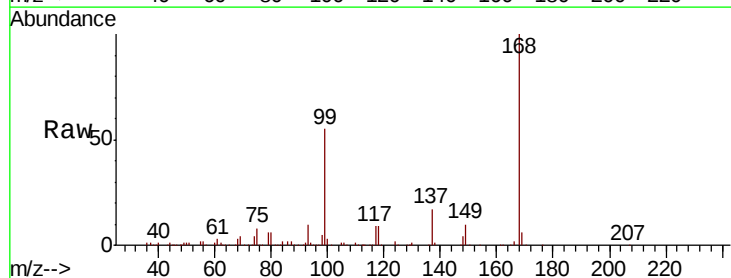
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

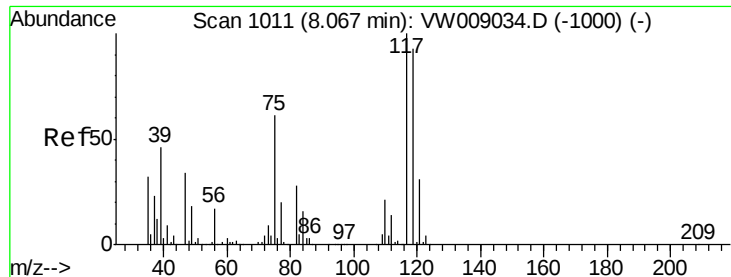
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.0	121.4
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.874 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009058.D
 Acq: 08 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.9#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.694 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009058.D

Acq: 08 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

TP-11

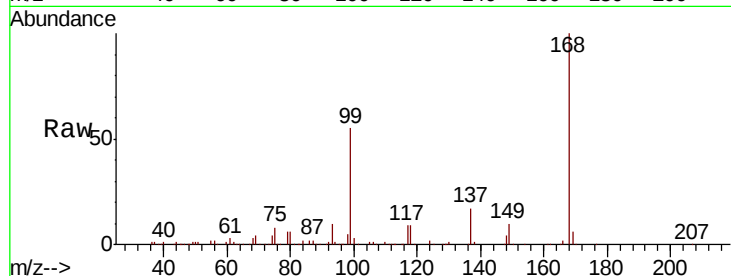
Tot Ion:117 Resp: 24890

Ion Ratio Lower Upper

117 100

119 3.9 74.6 112.0#

121 0.0 24.7 37.1#

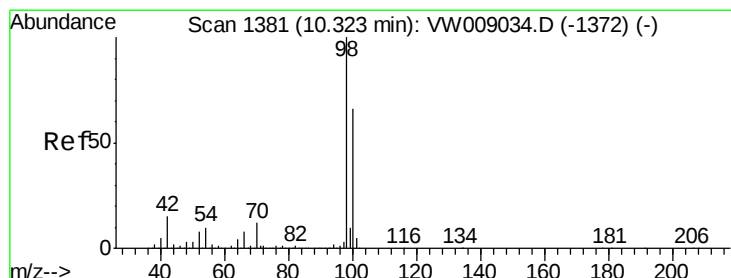
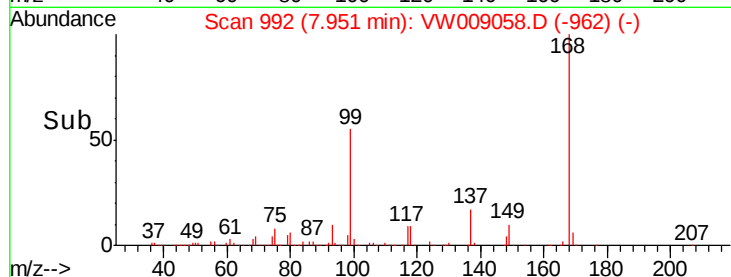
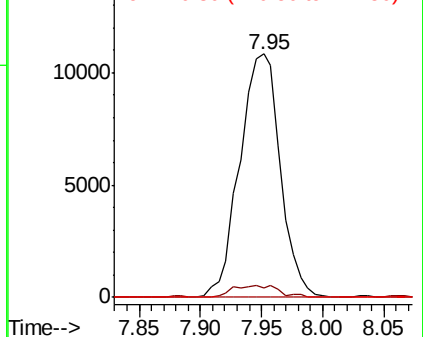


Abundance

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



#50

Toluene-d8

Concen: 48.487 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009058.D

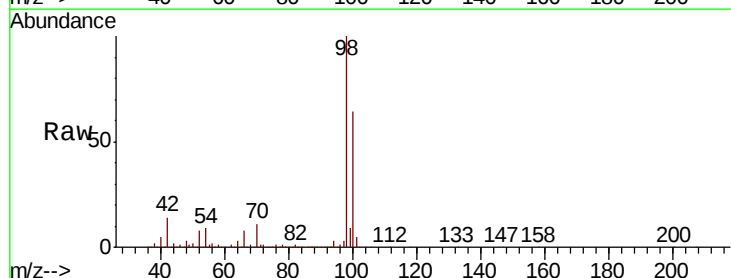
Acq: 08 Mar 2019 16:50

Tgt Ion: 98 Resp: 485399

Ion Ratio Lower Upper

98 100

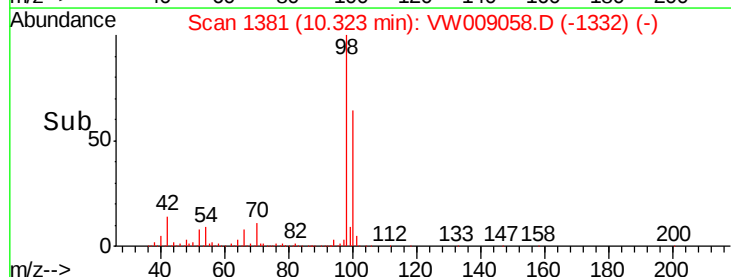
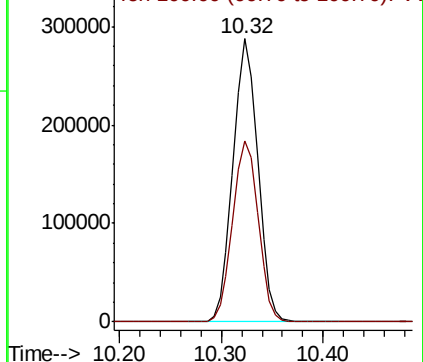
100 66.1 51.9 77.9

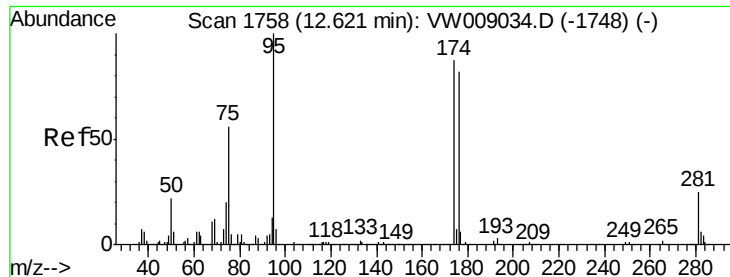


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

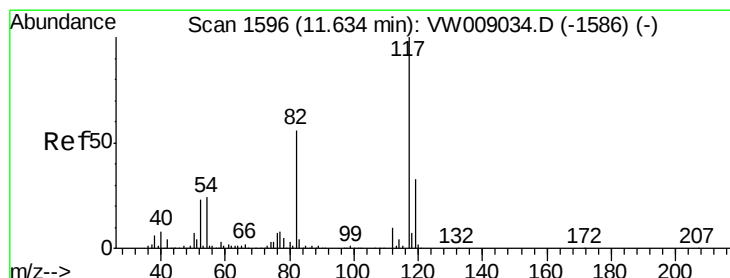
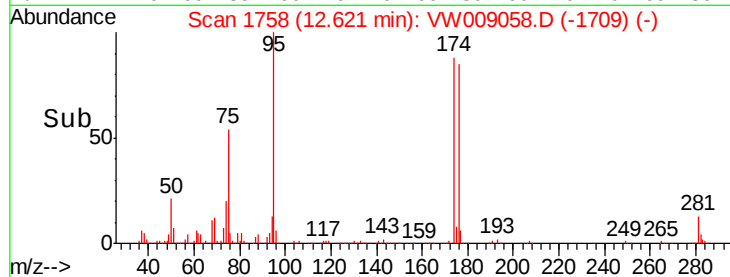
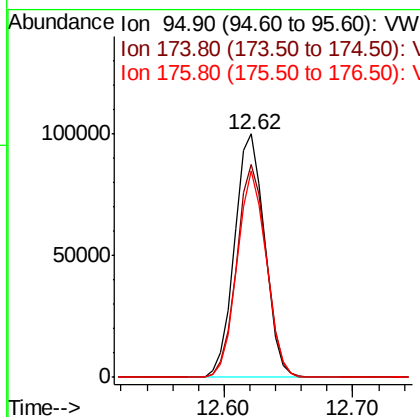
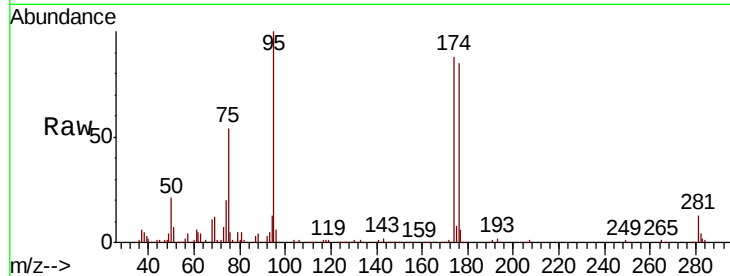




#62
4-Bromofluorobenzene
Concen: 41.039 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

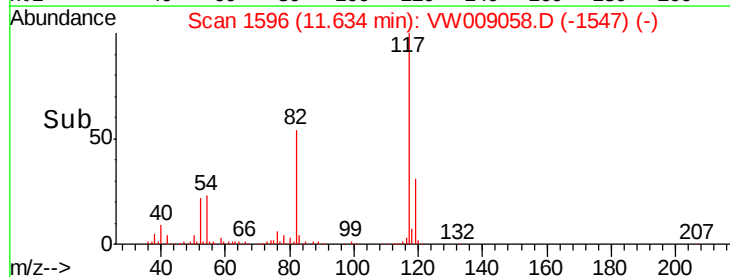
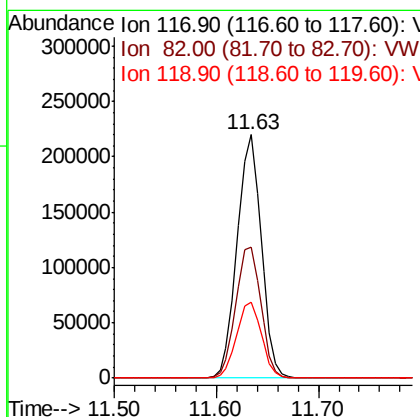
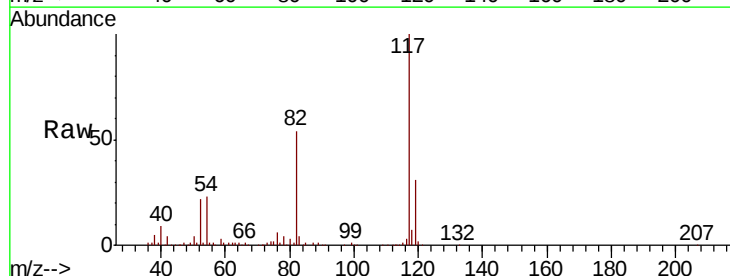
Instrument :
MSVOA_W
ClientSampled :
TP-11

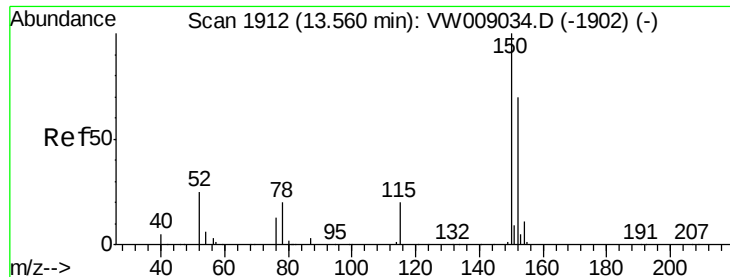
Tot Ion: 95 Resp: 161731
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.0
176 82.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

Tgt Ion: 117 Resp: 360182
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.6
119 31.2 26.6 39.8



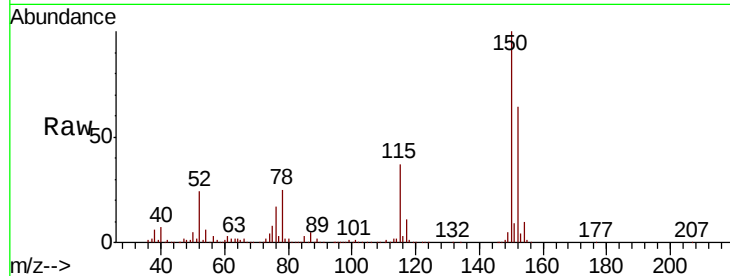


#72

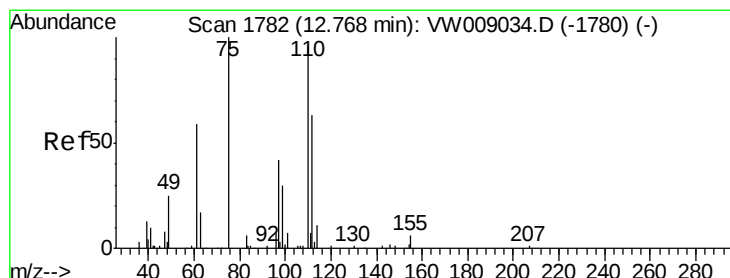
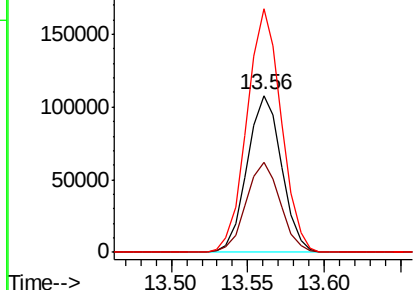
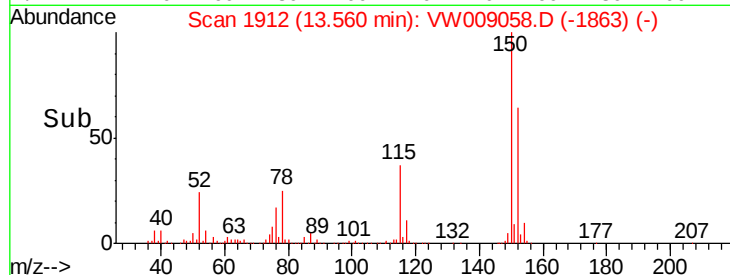
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
TP-11

Tot Ion:152 Resp: 169214
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 154.5 0.0 349.2



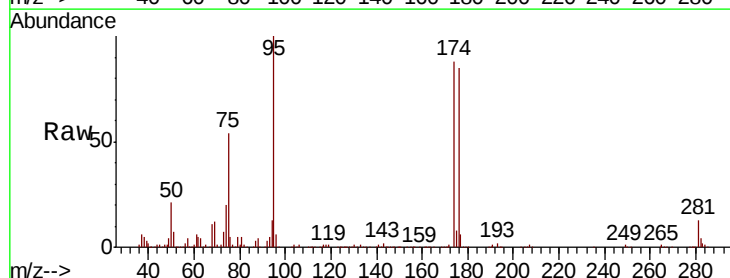
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



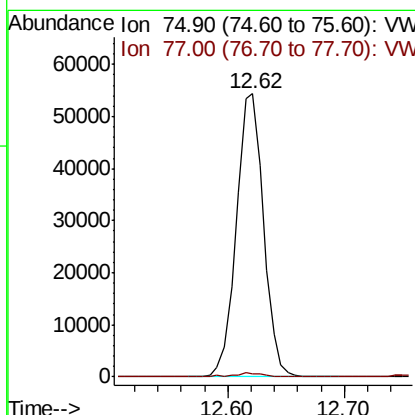
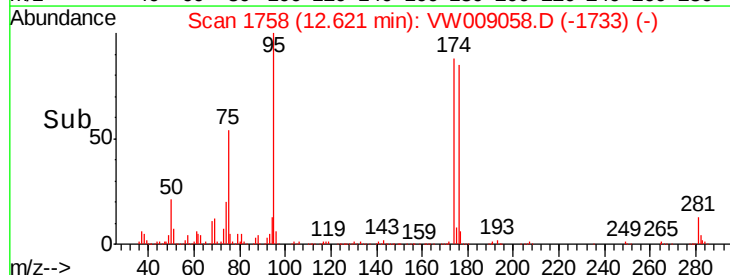
#76

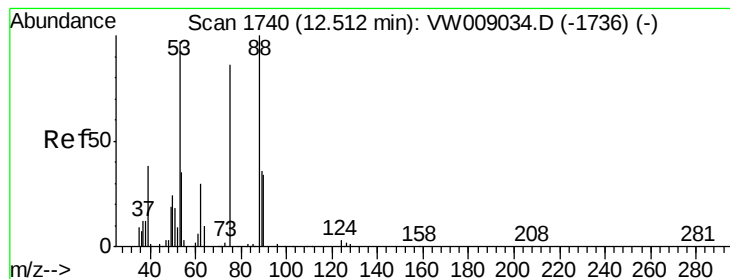
1,2,3-Trichloropropane
Concen: 66.220 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009058.D
Acq: 08 Mar 2019 16:50

Tgt Ion: 75 Resp: 88532
Ion Ratio Lower Upper
75 100
77 1.4 186.7 560.0#



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: 148.117 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009058.D

Acq: 08 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

TP-11

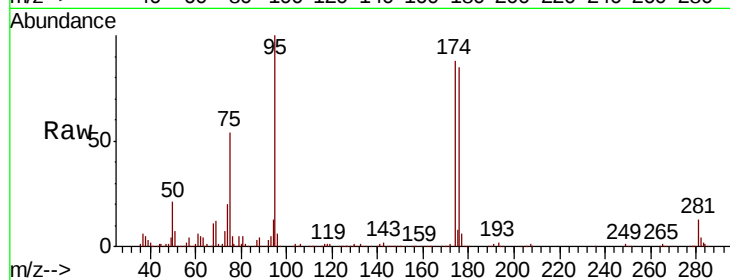
Tot Ion: 75 Resp: 88532

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.4 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

