

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009092.D
 Acq On : 11 Mar 2019 17:45
 Operator : SY/VA
 Sample : K1807-07
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4RE

Quant Time: Mar 12 08:12:58 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	293234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	429627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	178673	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
35) Dibromofluoromethane	7.88	113	147845	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	10.32	98	565794	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	190214	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	

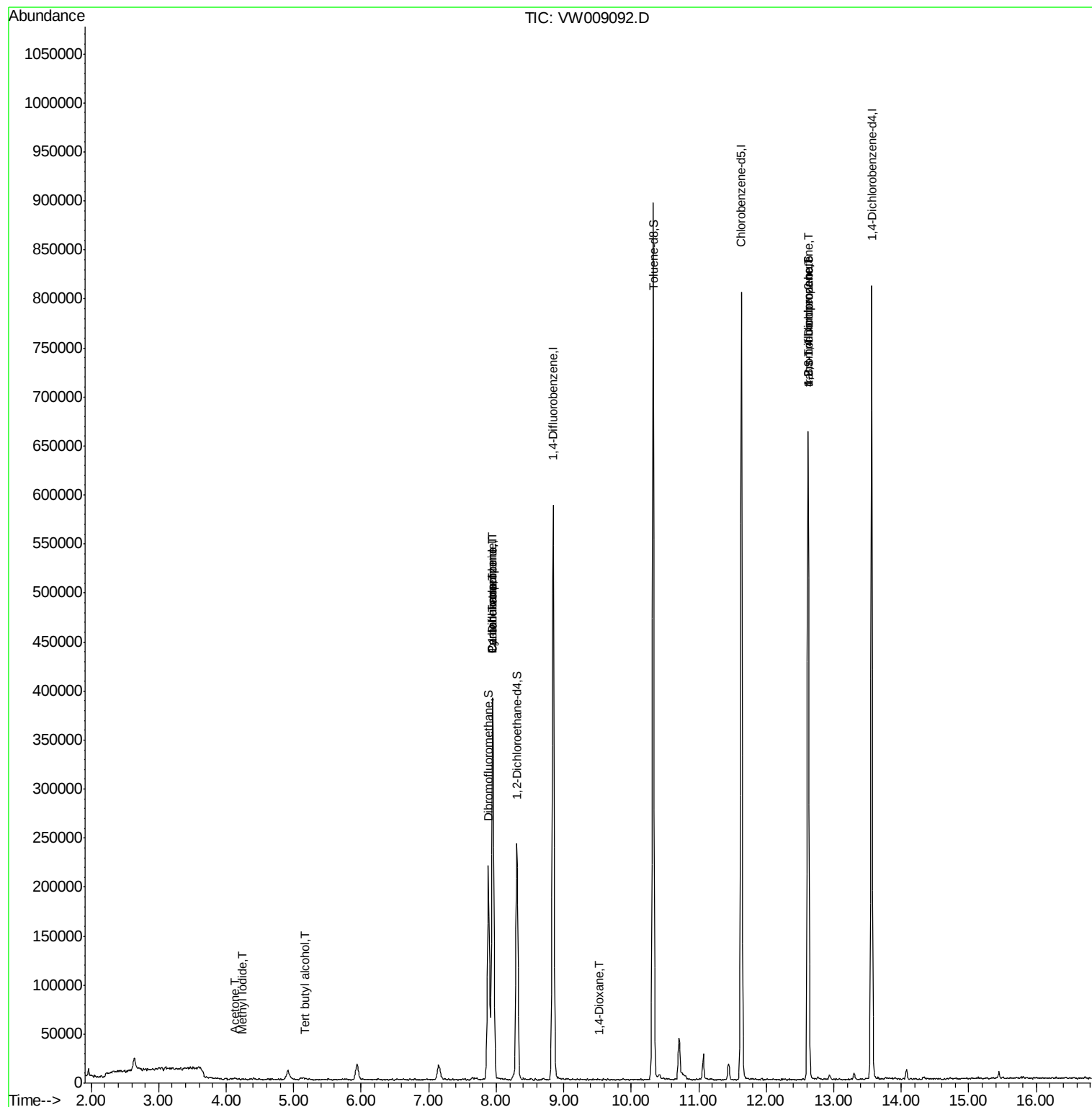
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.23	142	22	3.194	ug/l #	1
11) Tert butyl alcohol	5.17	59	508	2.247	ug/l #	89
16) Acetone	4.12	43	2350	3.530	ug/l #	74
20) Methylene Chloride	4.92	84	6749	Below Cal		91
31) Cyclohexane	7.95	56	7541	1.371	ug/l #	49
36) 1,1-Dichloropropene	7.95	75	23355	4.782	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28070	5.565	ug/l #	19
49) 1,4-Dioxane	9.52	88	33	1.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	103783	64.929	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	103783	145.230	ug/l #	5

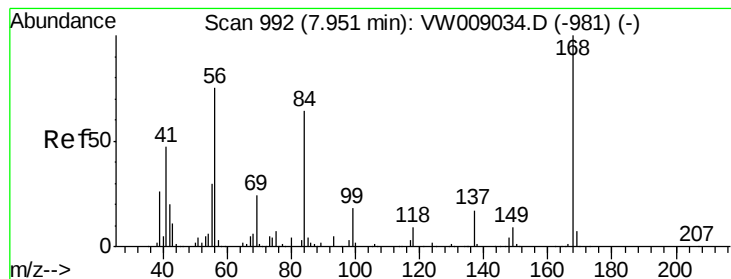
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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TP-4RE

Quant Time: Mar 12 08:12:58 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: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

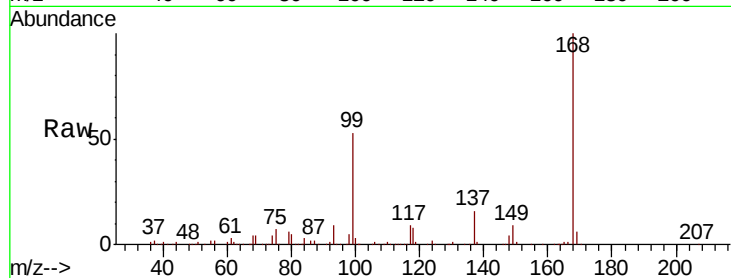
TP-4RE

Tgt Ion:168 Resp: 293234

Ion Ratio Lower Upper

168 100

99 52.9 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

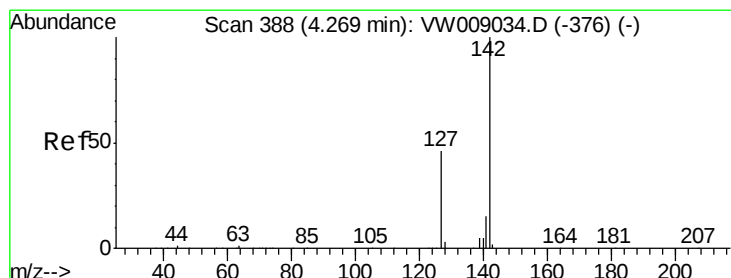
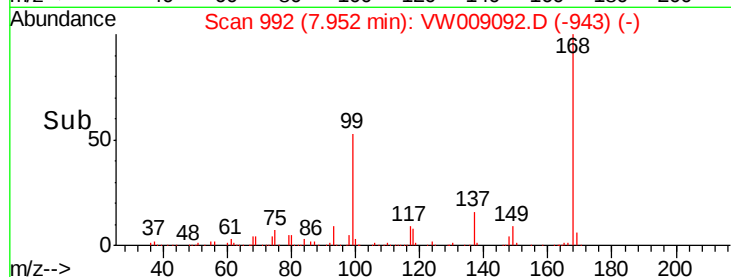
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 3.194 ug/l

RT: 4.23 min Scan# 382

Delta R.T. -0.04 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

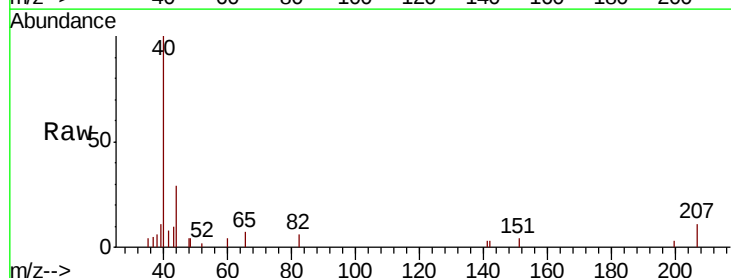
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 100.0 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

4.23

80

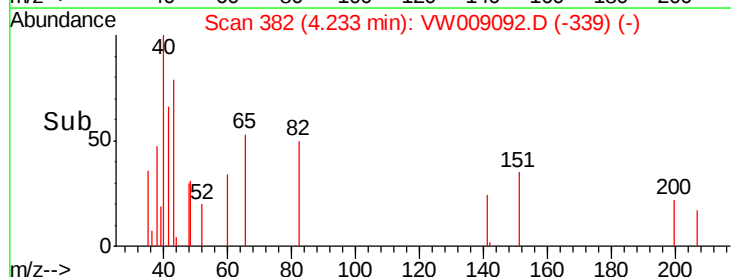
60

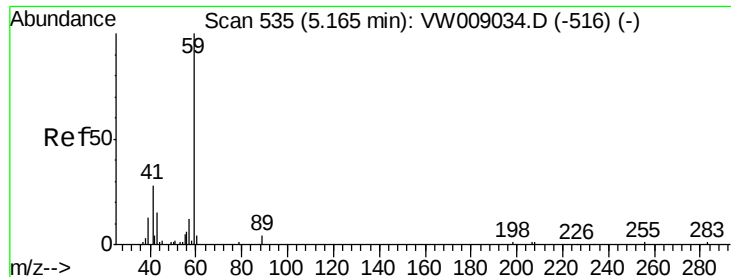
40

20

0

Time--> 4.21 4.22 4.23 4.24 4.25

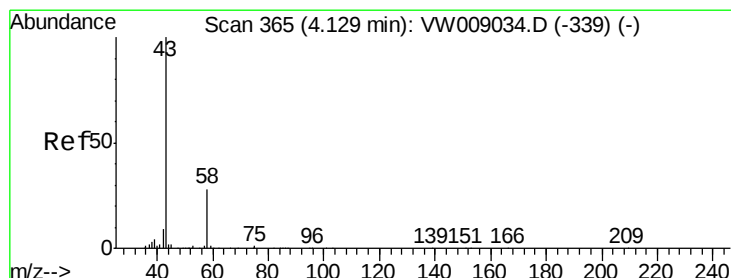
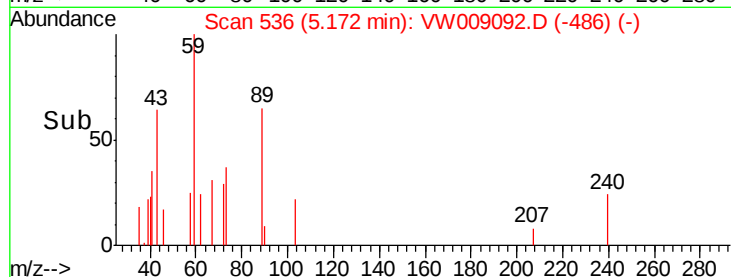
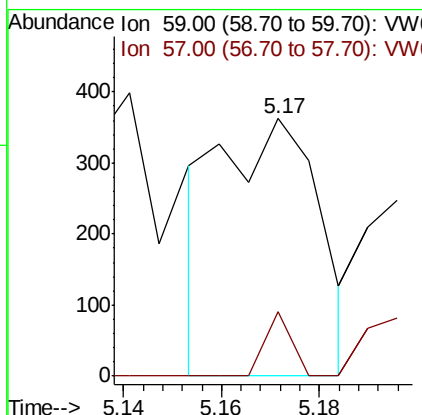
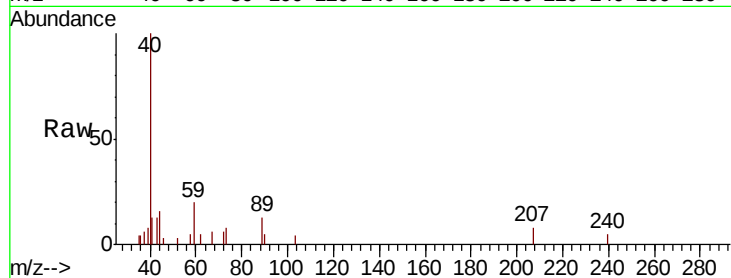




#11
Tert butyl alcohol
Concen: 2.247 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

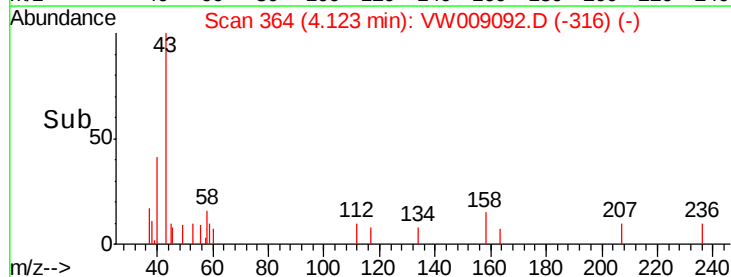
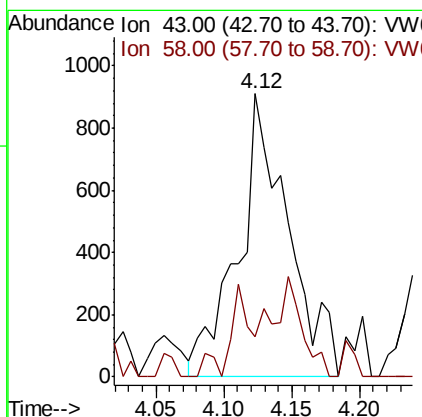
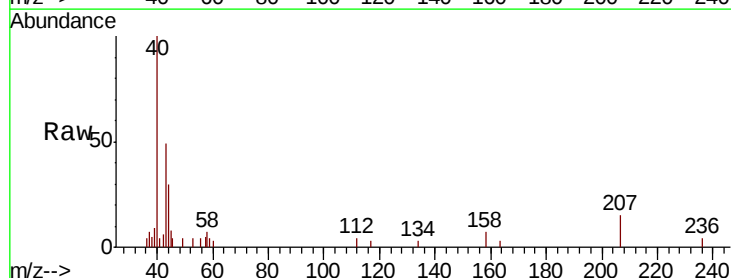
Instrument :
MSVOA_W
ClientSampled :
TP-4RE

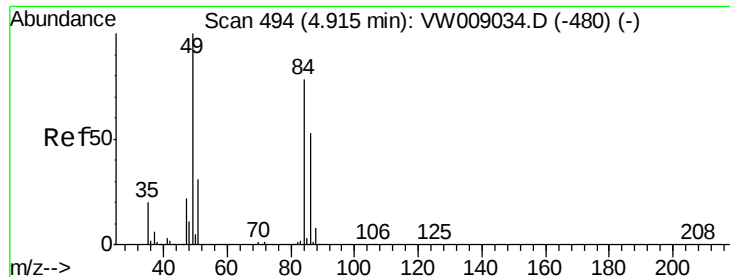
Tgt Ion: 59 Resp: 508
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8#



#16
Acetone
Concen: 3.530 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 14.2 22.5 33.7#

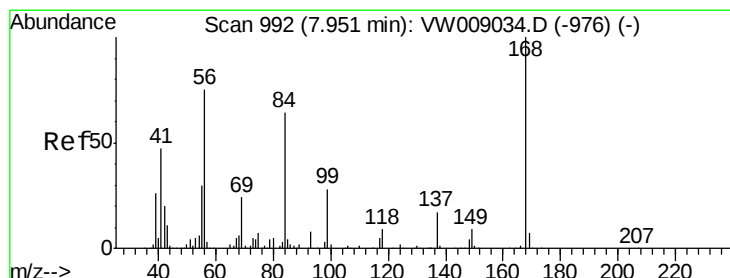
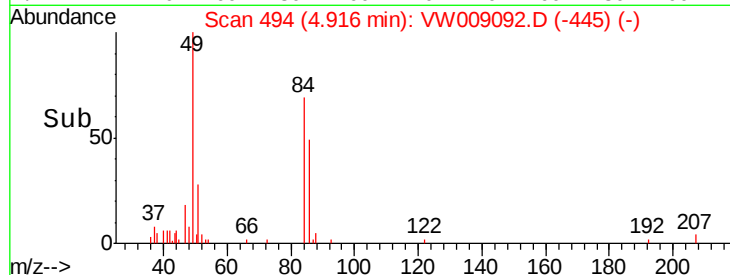
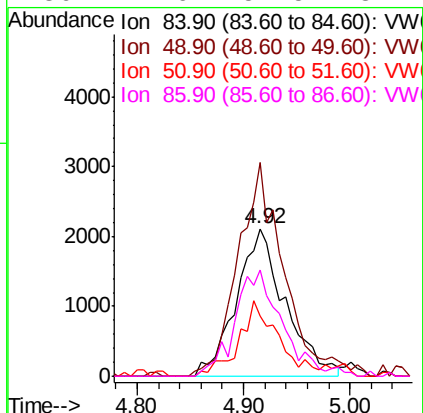
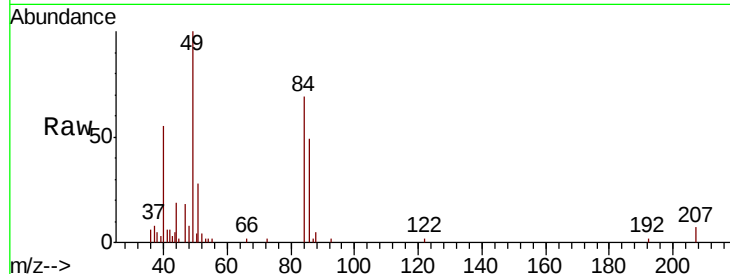




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

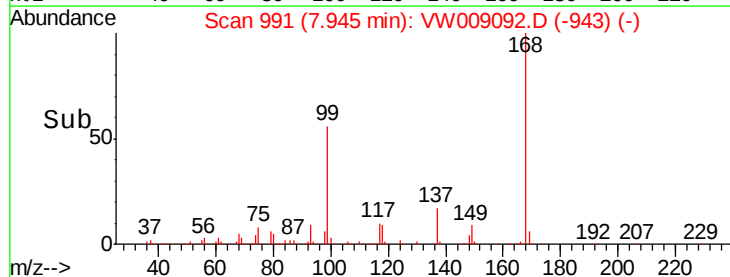
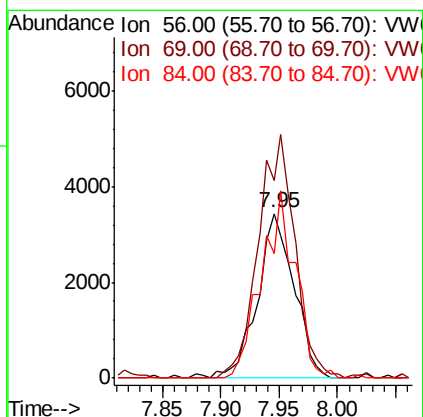
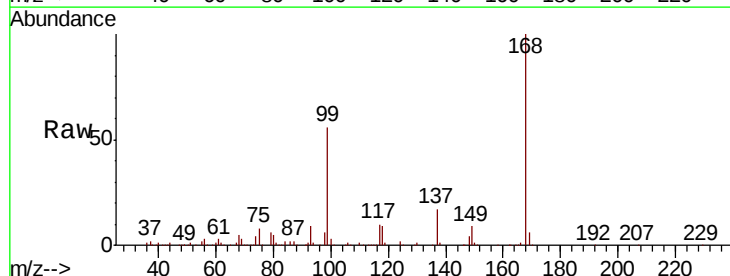
Instrument :
MSVOA_W
ClientSampled :
TP-4RE

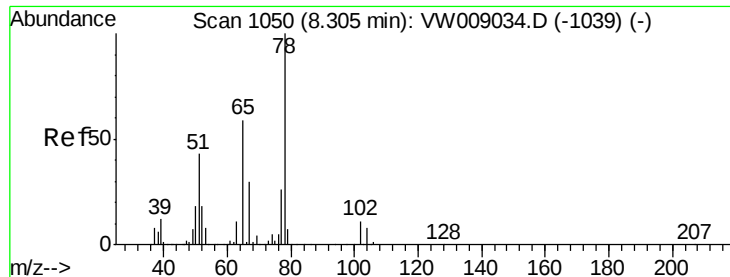
Tgt Ion: 84 Resp: 6749
Ion Ratio Lower Upper
84 100
49 144.7 102.4 153.6
51 40.4 31.6 47.4
86 71.6 54.5 81.7



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

Tgt Ion: 56 Resp: 7541
Ion Ratio Lower Upper
56 100
69 120.2 25.5 38.3#
84 75.6 68.6 103.0

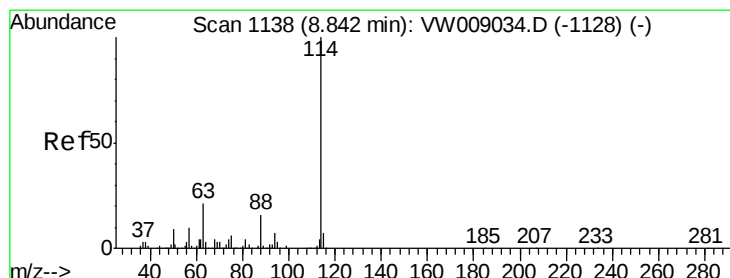
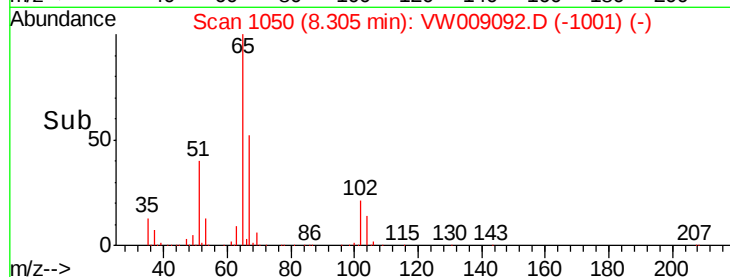
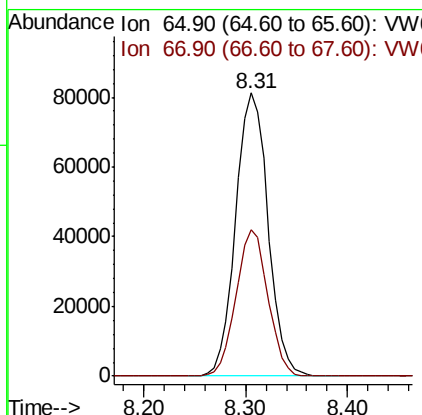
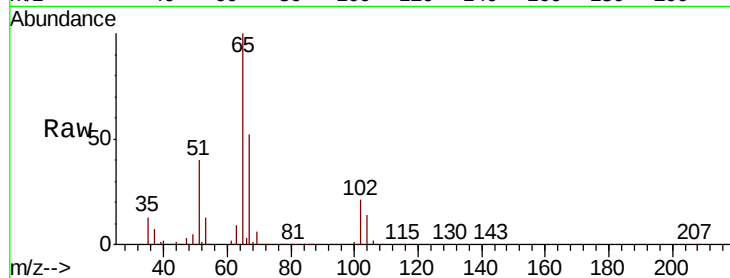




#33
 1,2-Dichloroethane-d4
 Concen: 60.563 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009092.D
 Acq: 11 Mar 2019 17:45

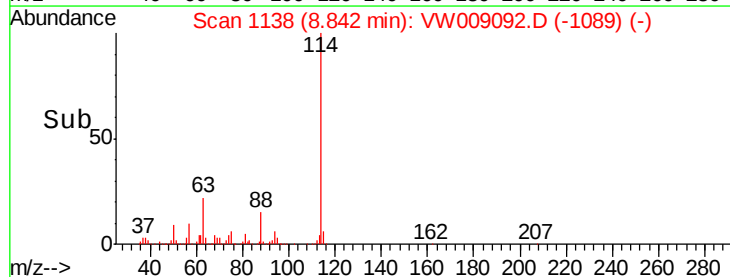
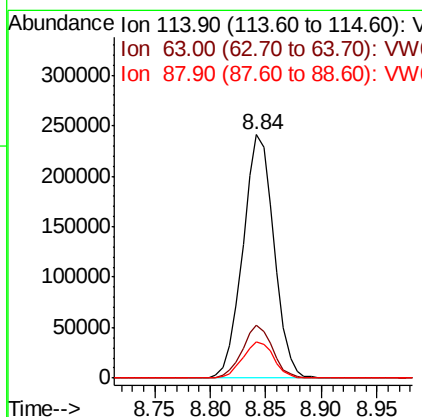
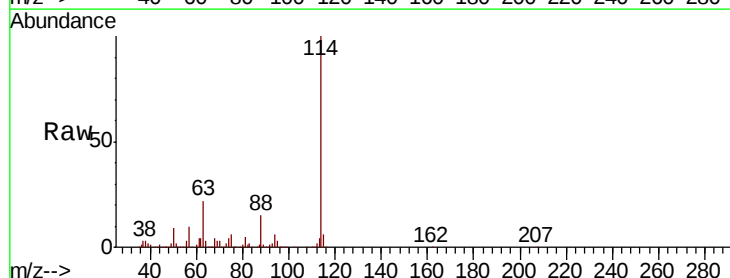
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4RE

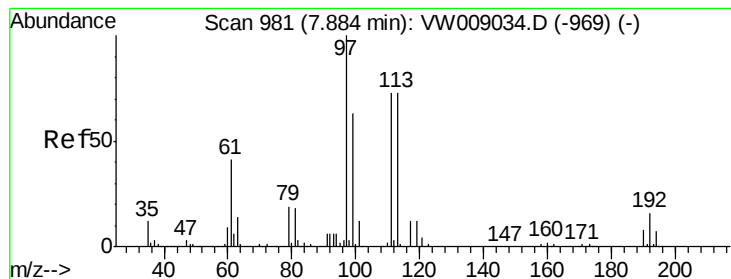
Tgt Ion: 65 Resp: 178673
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009092.D
 Acq: 11 Mar 2019 17:45

Tgt Ion: 114 Resp: 467070
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.2
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.573 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

TP-4RE

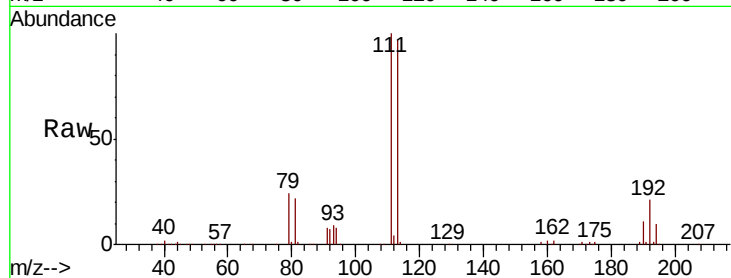
Tgt Ion: 113 Resp: 147845

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

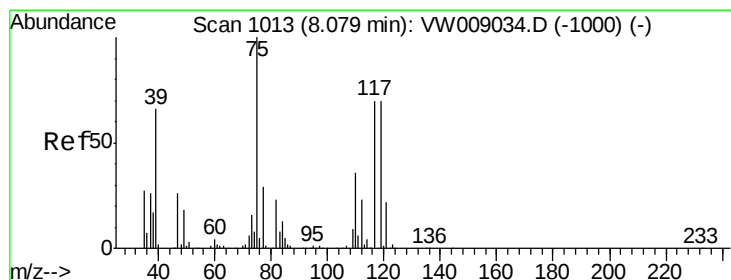
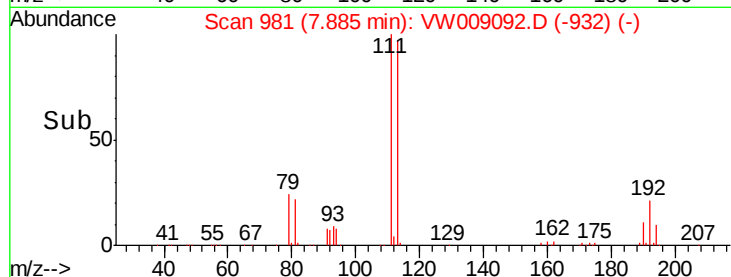
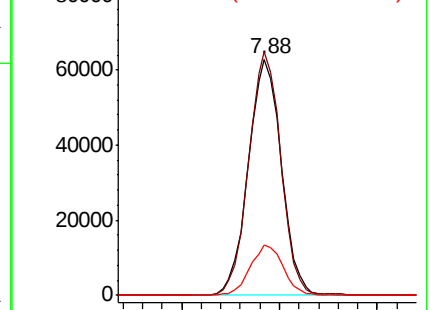
192 21.2 17.1 25.7



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: 4.782 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

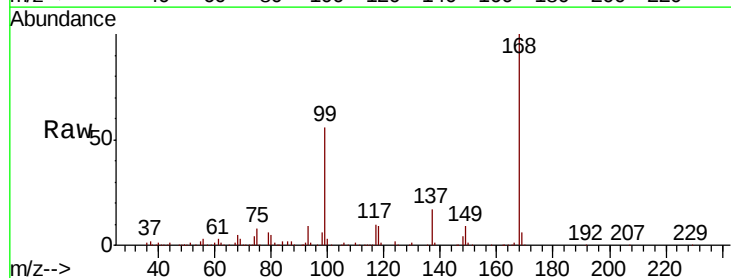
Tgt Ion: 75 Resp: 23355

Ion Ratio Lower Upper

75 100

110 9.0 17.6 52.9#

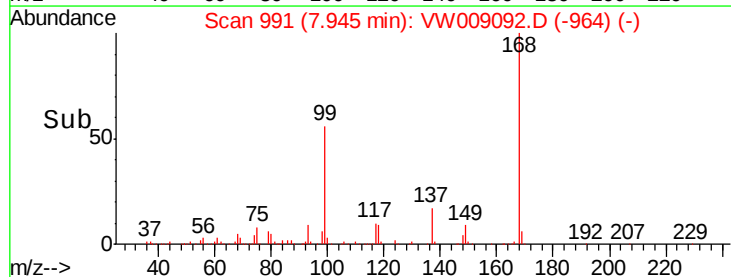
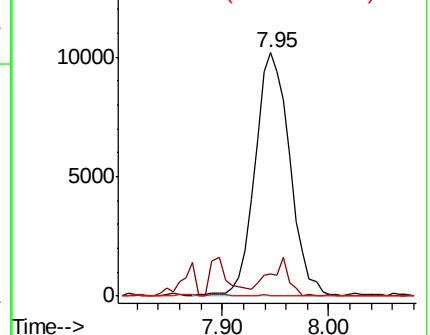
77 0.1 25.1 37.7#

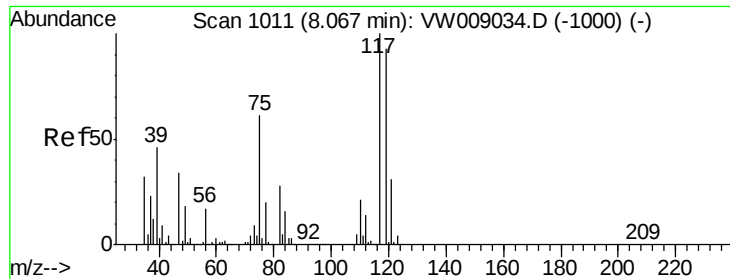


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.565 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

TP-4RE

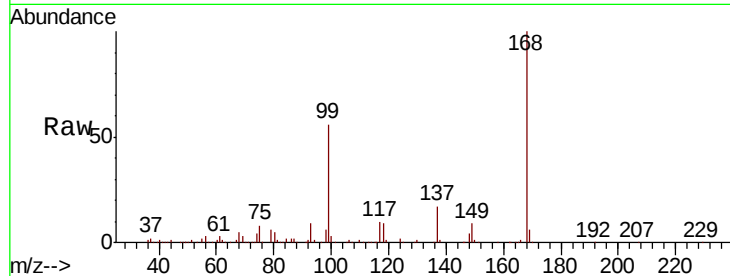
Tgt Ion:117 Resp: 28070

Ion Ratio Lower Upper

117 100

119 7.7 74.6 112.0#

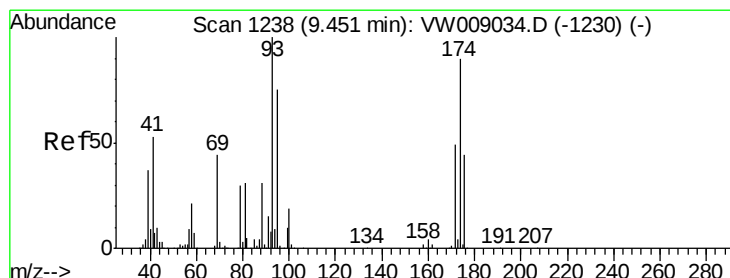
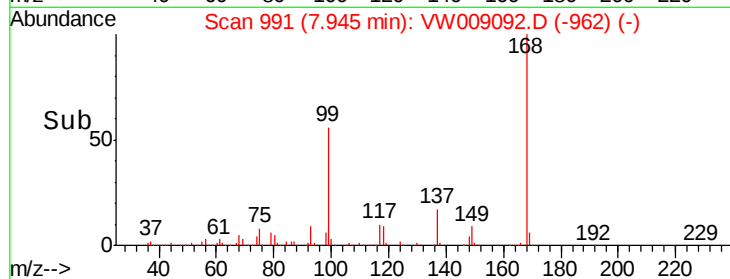
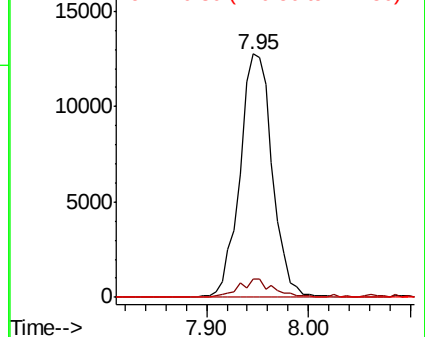
121 0.0 24.7 37.1#



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: 1.292 ug/l

RT: 9.52 min Scan# 1250

Delta R.T. 0.07 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

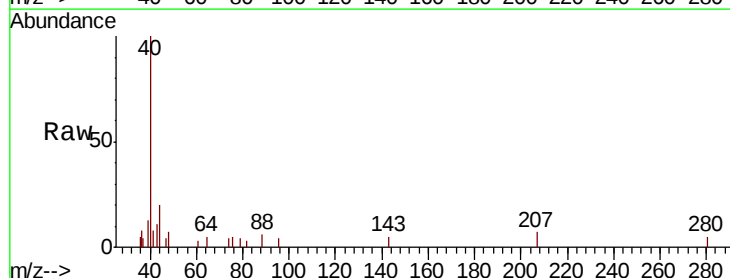
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 657.6 29.0 43.4#

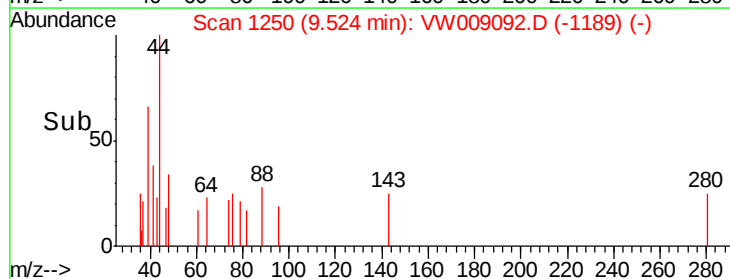
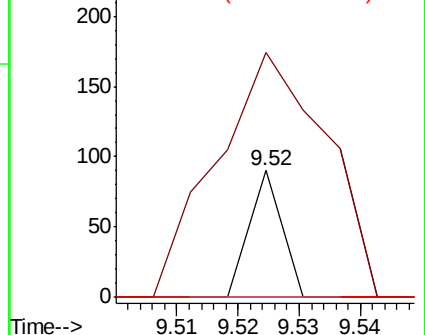
58 0.0 59.2 88.8#

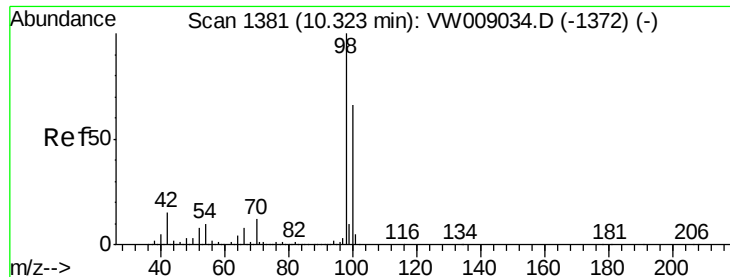


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 48.986 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

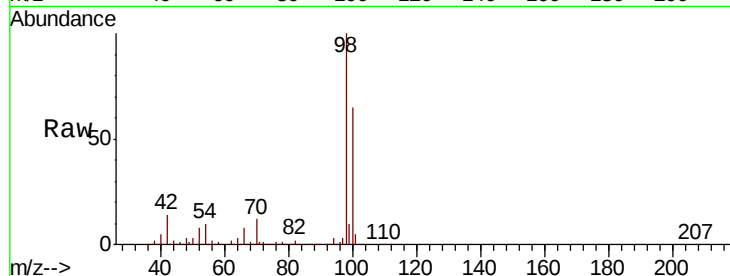
TP-4RE

Tgt Ion: 98 Resp: 565794

Ion Ratio Lower Upper

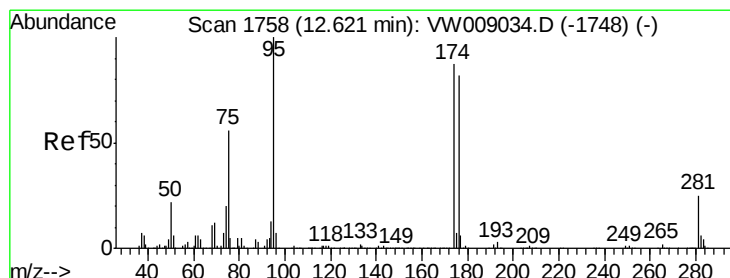
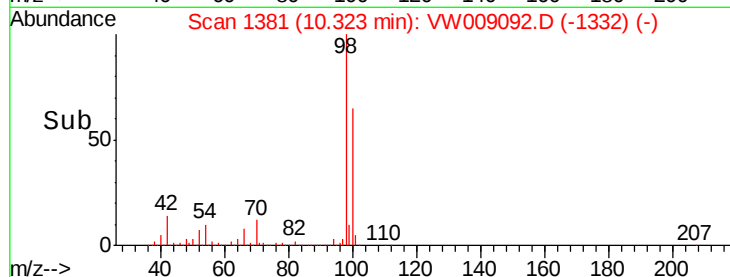
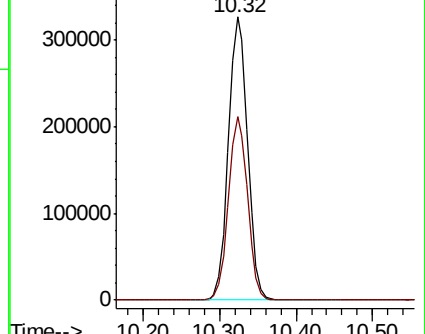
98 100

100 64.4 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: 41.835 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

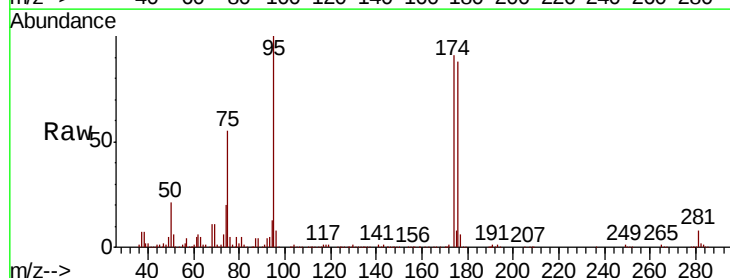
Tgt Ion: 95 Resp: 190214

Ion Ratio Lower Upper

95 100

174 88.9 0.0 167.0

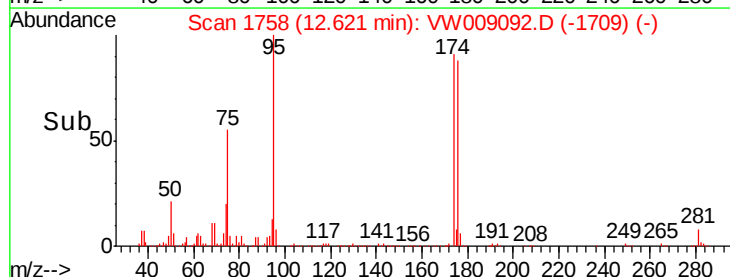
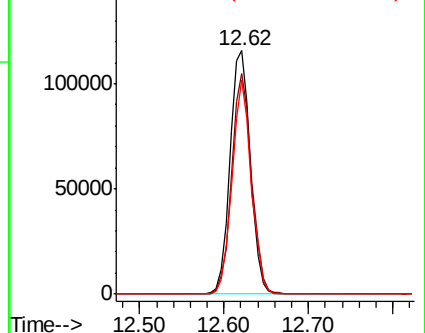
176 83.1 0.0 159.4

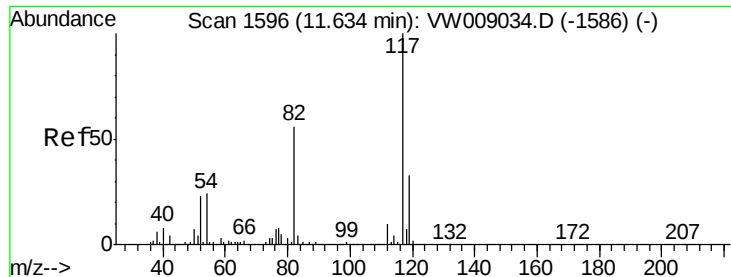


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

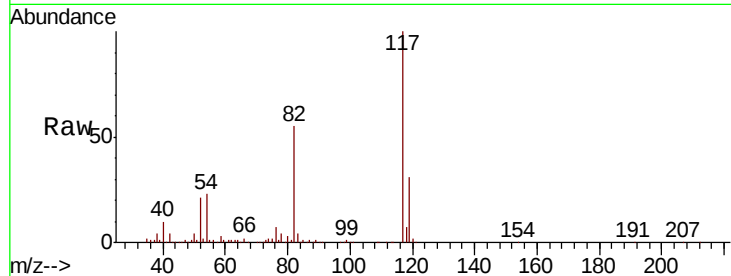




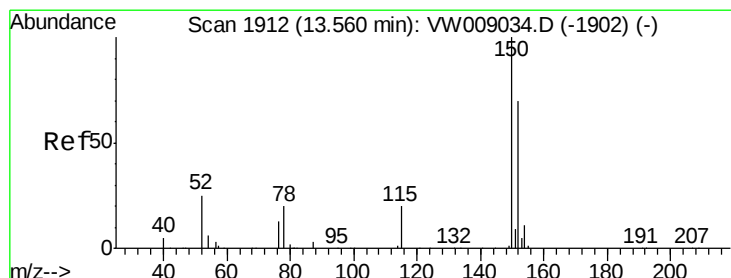
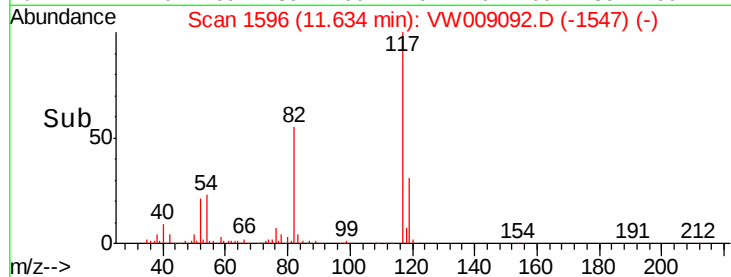
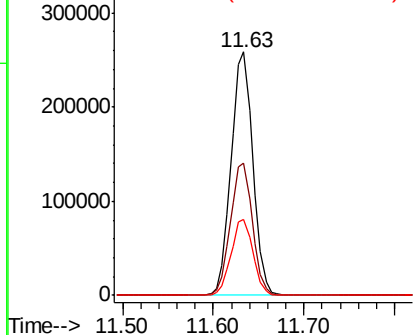
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
TP-4RE

Tgt Ion:117 Resp: 429627
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 31.4 26.6 39.8

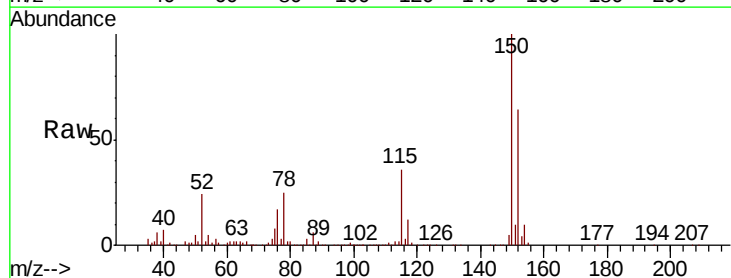


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

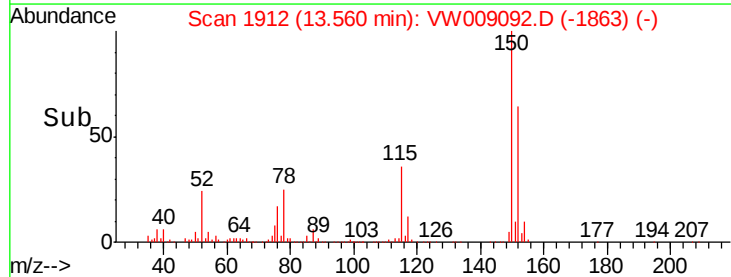
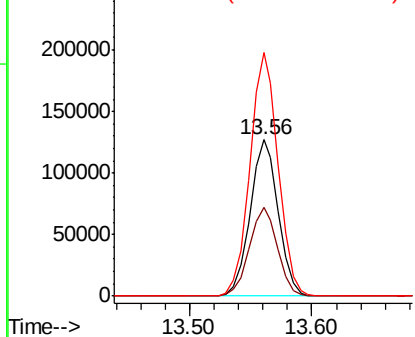


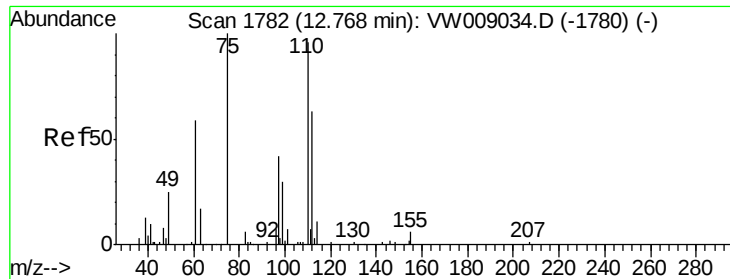
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

Tgt Ion:152 Resp: 202308
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.9 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: 64.929 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

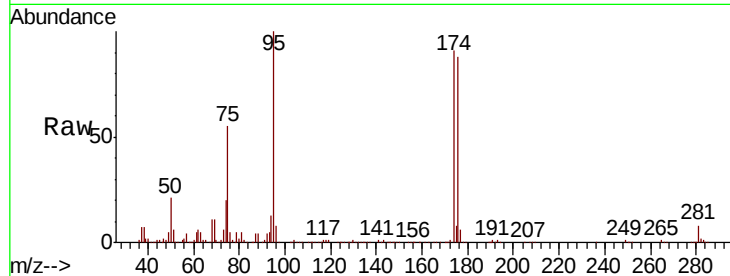
TP-4RE

Tgt Ion: 75 Resp: 103783

Ion Ratio Lower Upper

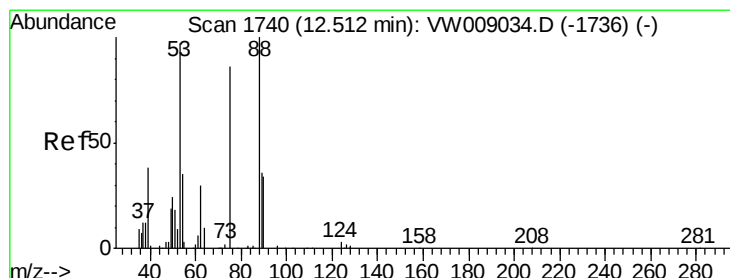
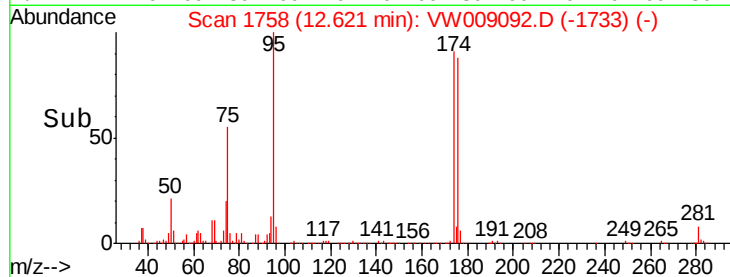
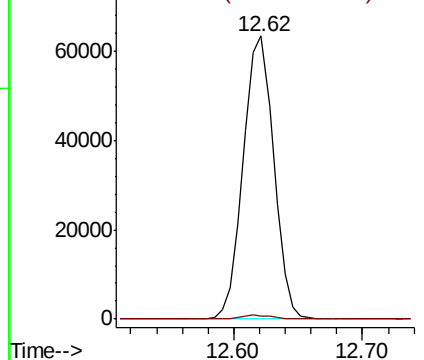
75 100

77 1.6 186.7 560.0#



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: 145.230 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

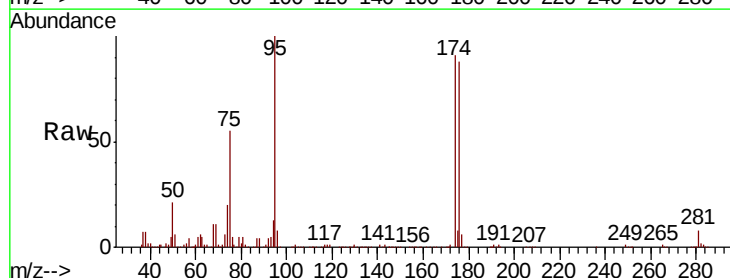
Tgt Ion: 75 Resp: 103783

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.1 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

