

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013250.D
 Acq On : 24 Sep 2019 01:37
 Operator : SY/VA
 Sample : K4962-02
 Misc : 5.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TH-2

Quant Time: Sep 24 06:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	354371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	538536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	495981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	219224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162423	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
35) Dibromofluoromethane	7.88	113	153366	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.32	98	655986	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	219970	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

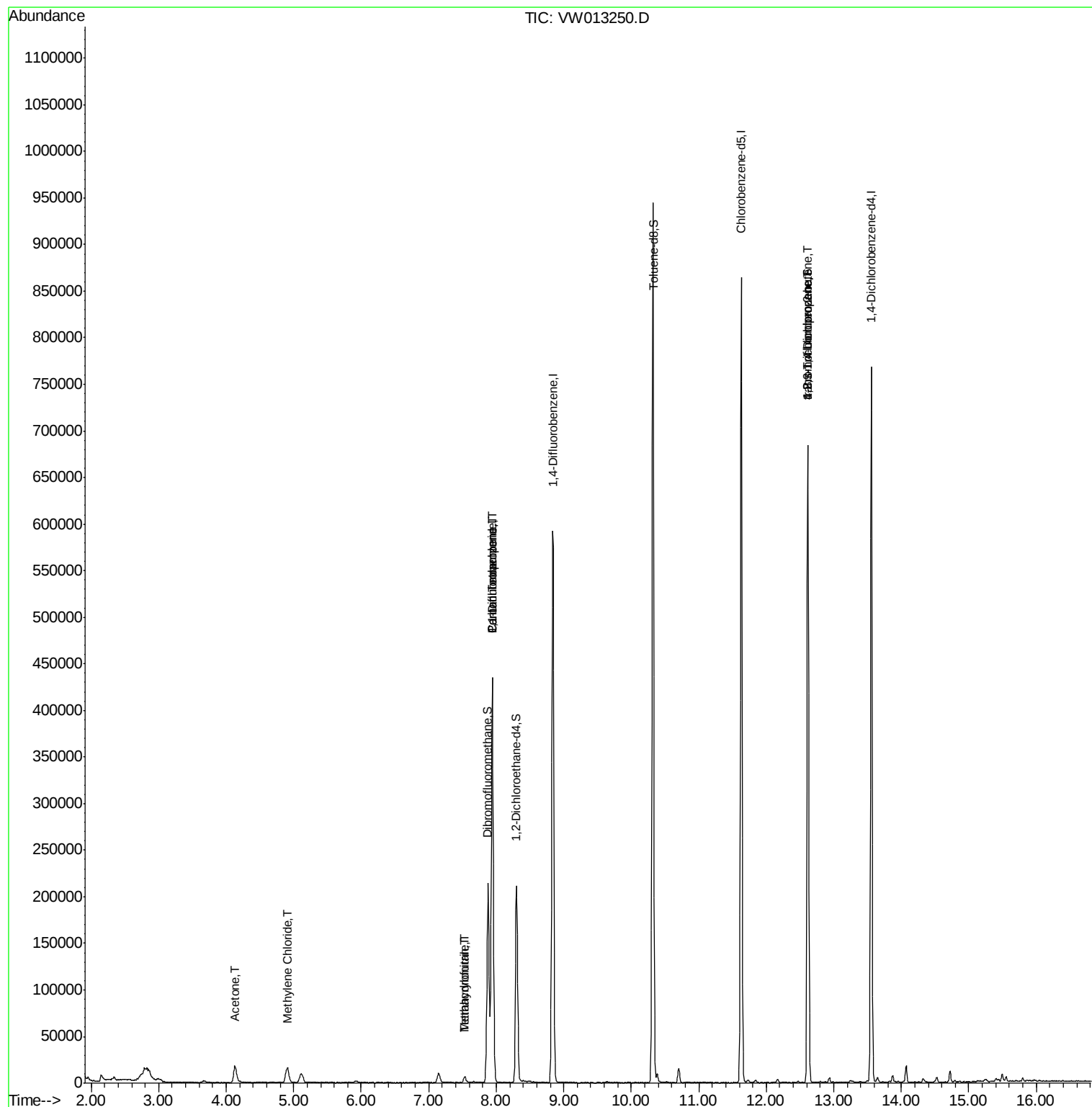
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	284	Below Cal	#	73
16) Acetone	4.13	43	37732	57.852	ug/l #	87
20) Methylene Chloride	4.91	84	13200	1.117	ug/l	87
26) 2,2-Dichloropropane	7.15	77	739	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	5559	9.258	ug/l	98
36) 1,1-Dichloropropene	7.94	75	22929	4.396	ug/l #	48
38) Carbon Tetrachloride	7.94	117	30879	6.604	ug/l #	18
41) Methacrylonitrile	7.53	41	3452	2.609	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	104297	53.871	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	104297	120.883	ug/l #	12

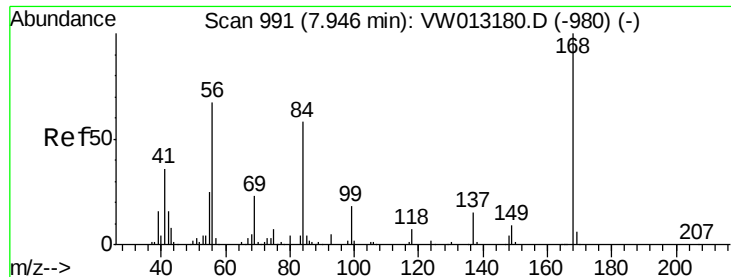
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013250.D
Acq On : 24 Sep 2019 01:37
Operator : SY/VA
Sample : K4962-02
Misc : 5.44G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TH-2

Quant Time: Sep 24 06:44:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

Instrument :

MSVOA_W

ClientSampled :

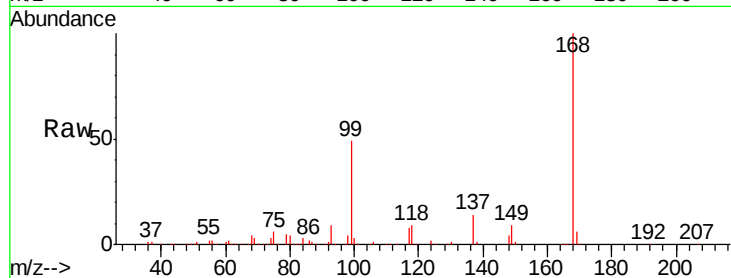
TH-2

Tgt Ion: 168 Resp: 354371

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

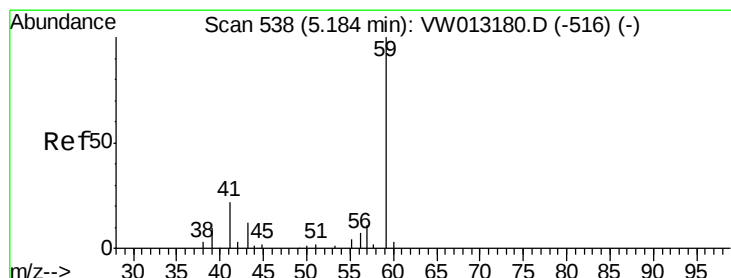
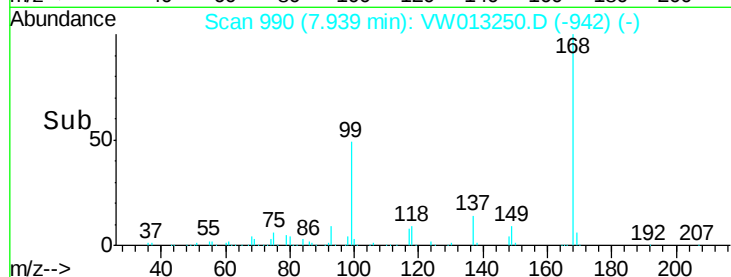
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW013250.D

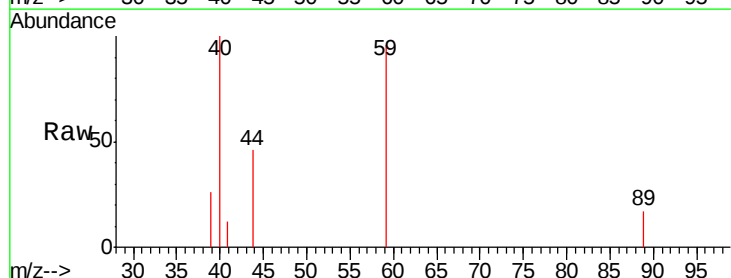
Acq: 24 Sep 2019 01:37

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

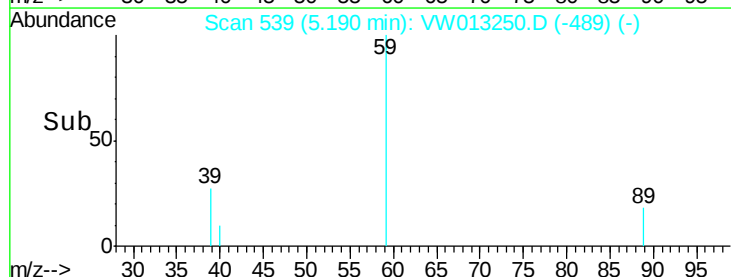
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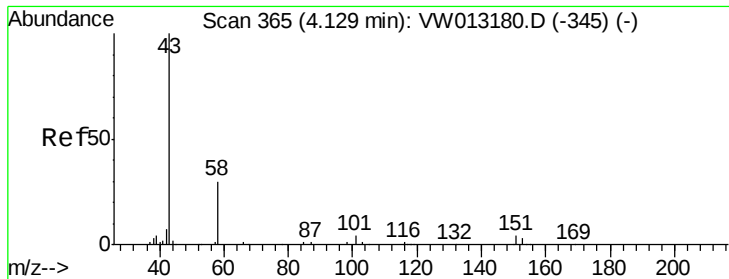
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200

0

Time-->





#16

Acetone

Concen: 57.852 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

Instrument :

MSVOA_W

ClientSampled :

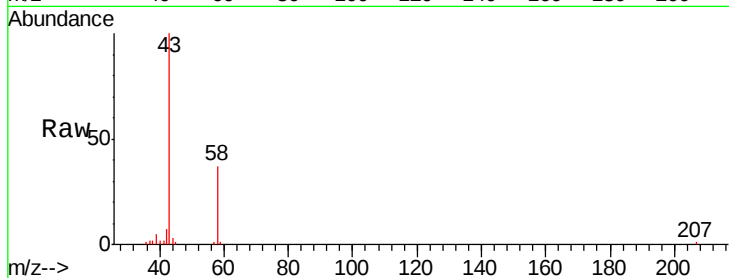
TH-2

Tgt Ion: 43 Resp: 37732

Ion Ratio Lower Upper

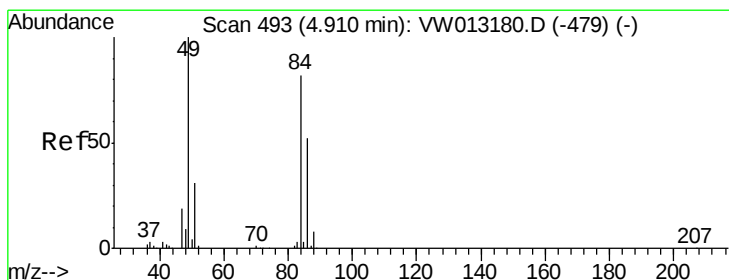
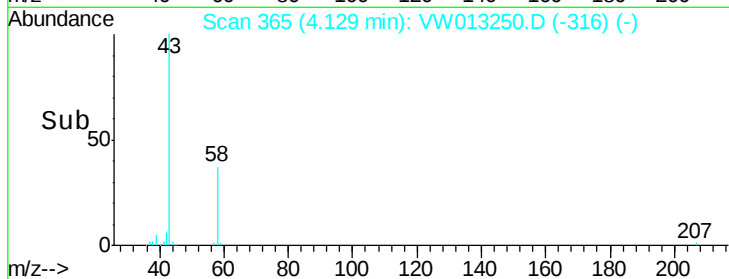
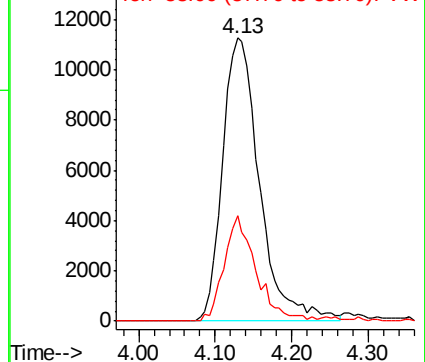
43 100

58 37.1 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.117 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

Tgt Ion: 84 Resp: 13200

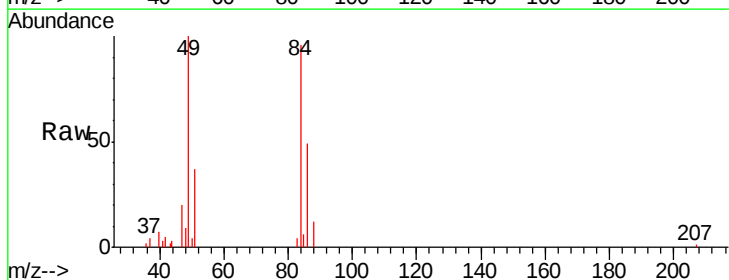
Ion Ratio Lower Upper

84 100

49 104.7 97.6 146.4

51 38.8 30.2 45.2

86 51.3 50.6 76.0

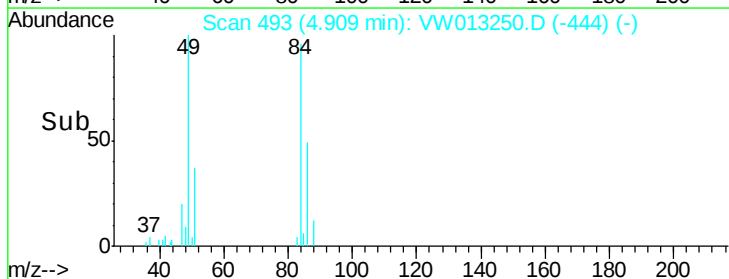
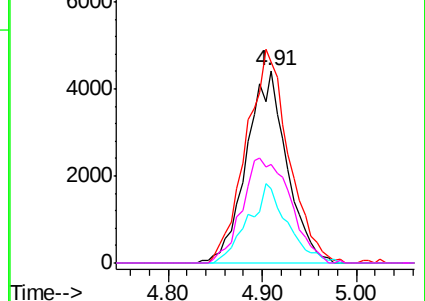


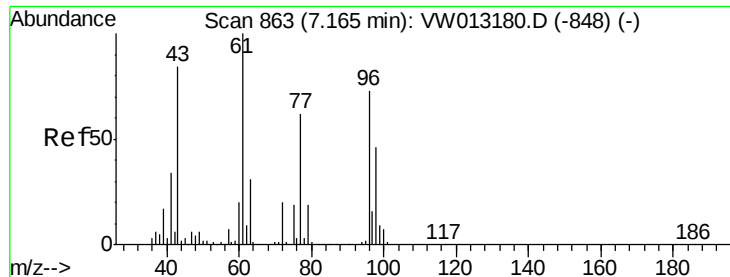
Abundance Ion 83.90 (83.60 to 84.60): VW

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

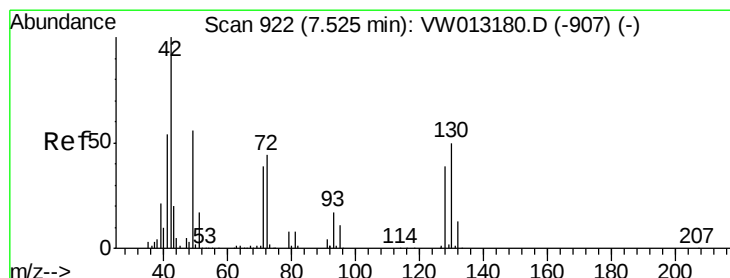
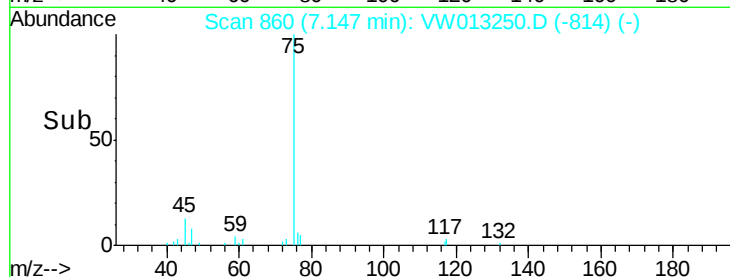
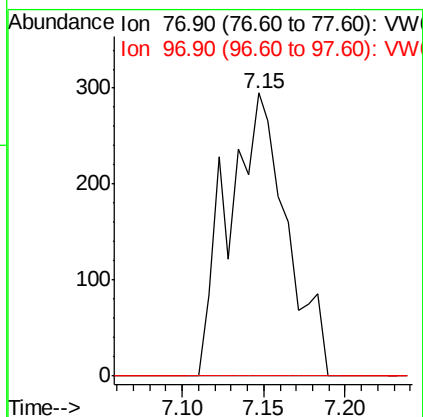
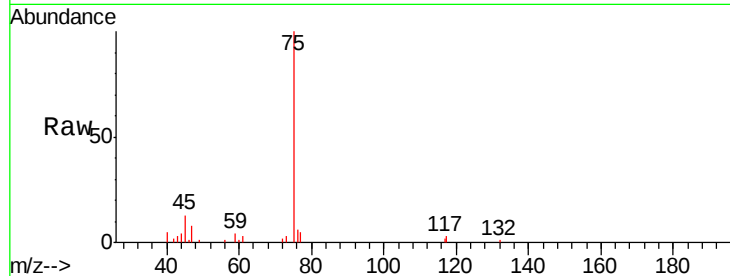




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

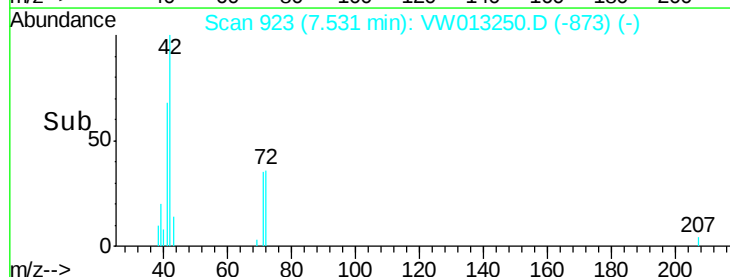
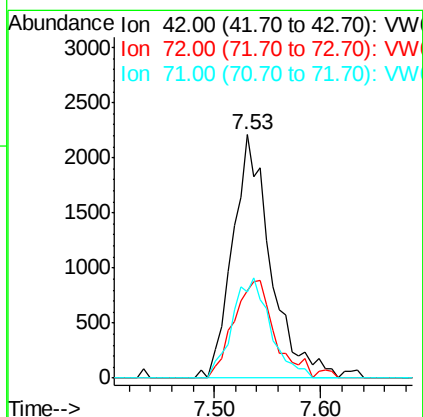
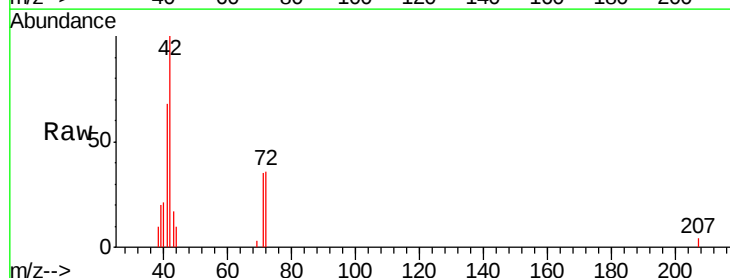
Instrument :
 MSVOA_W
 ClientSampleId :
 TH-2

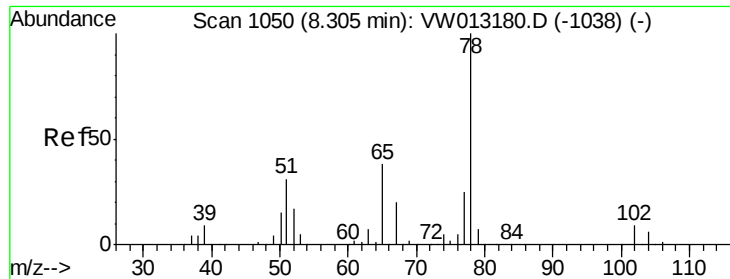
Tgt Ion: 77 Resp: 739
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.258 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

Tgt Ion: 42 Resp: 5559
 Ion Ratio Lower Upper
 42 100
 72 43.2 33.9 50.9
 71 41.2 31.9 47.9

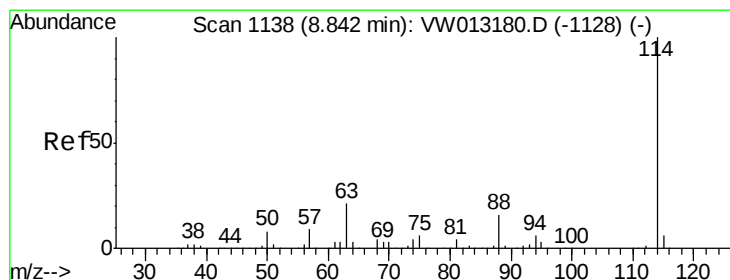
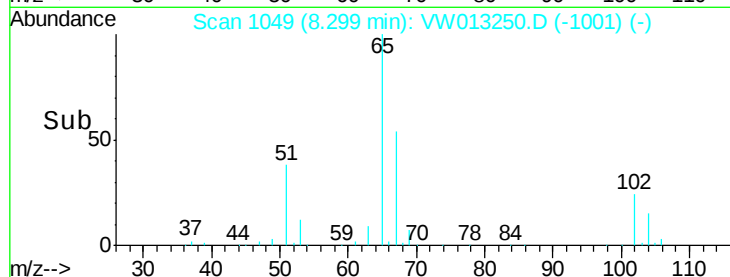
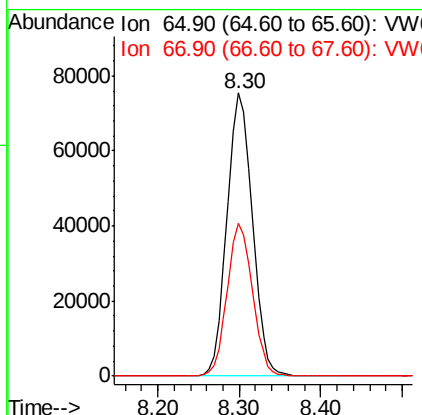
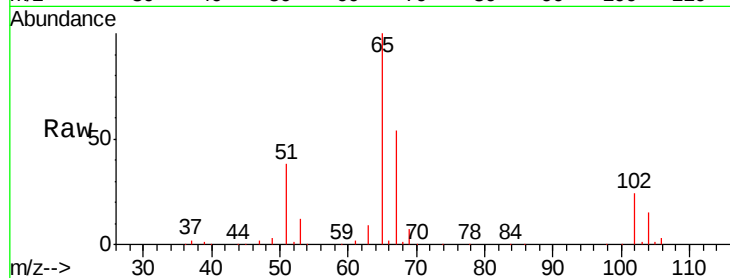




#33
 1,2-Dichloroethane-d4
 Concen: 56.159 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

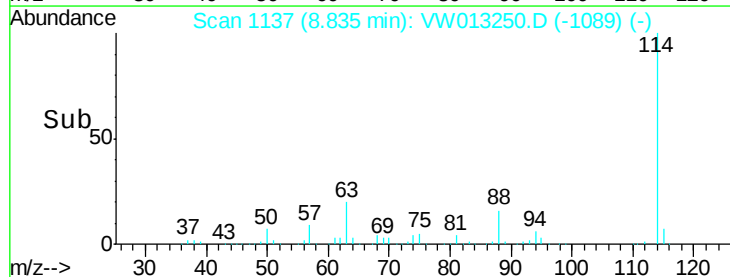
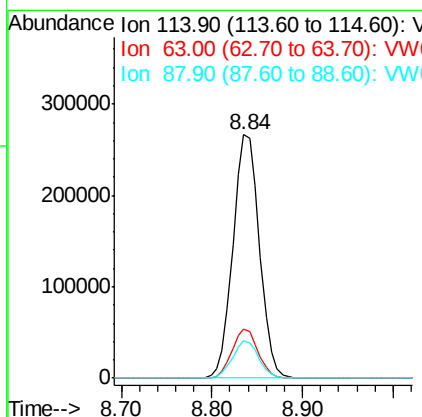
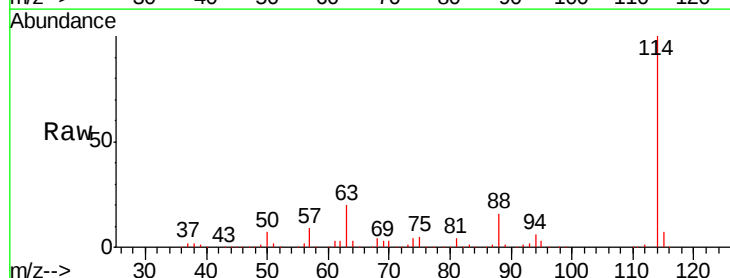
Instrument :
 MSVOA_W
 ClientSampleId :
 TH-2

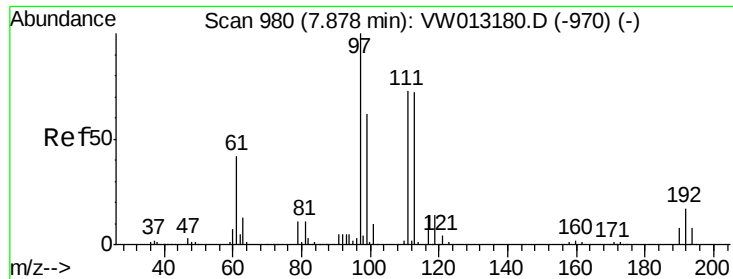
Tgt Ion: 65 Resp: 162423
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

Tgt Ion: 114 Resp: 538536
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.6 0.0 32.0

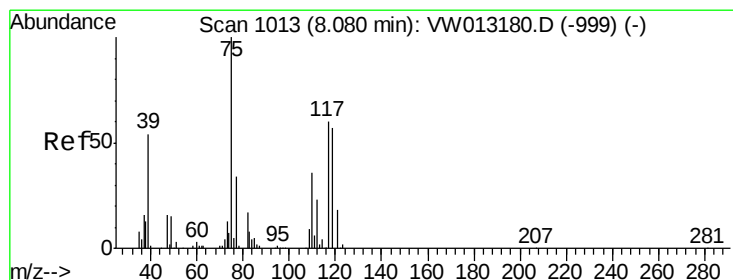
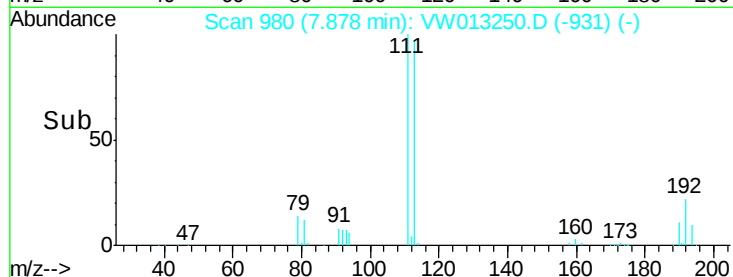
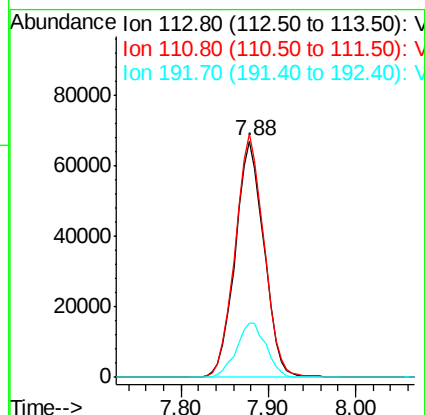
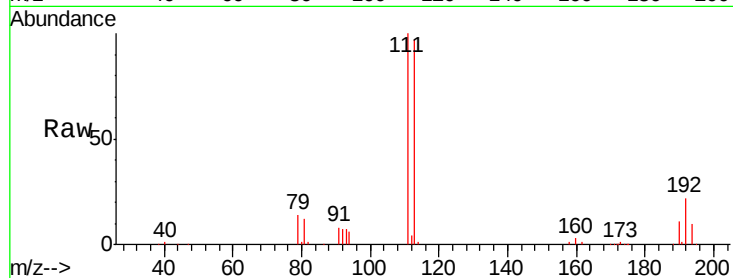




#35
 Dibromofluoromethane
 Concen: 51.779 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

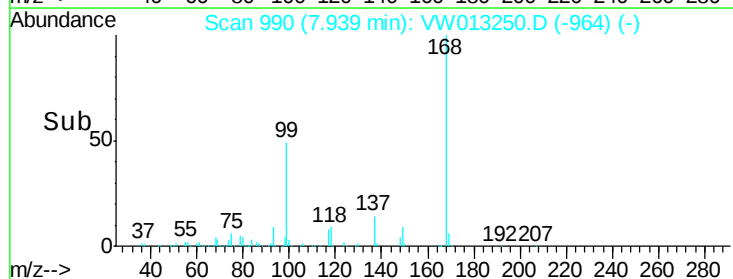
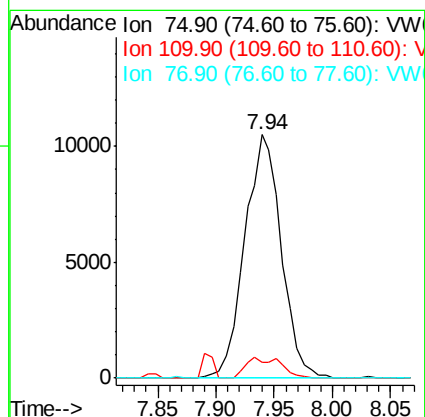
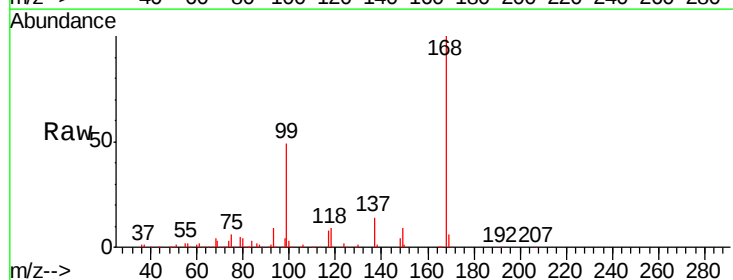
Instrument :
 MSVOA_W
 ClientSampleId :
 TH-2

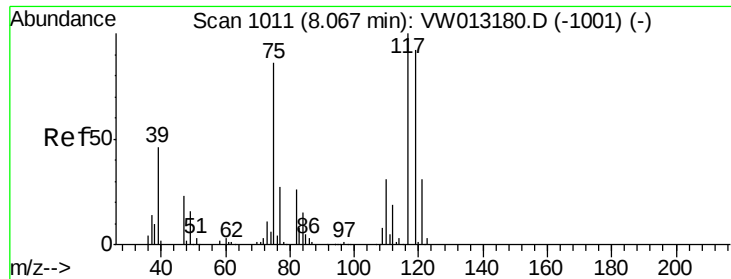
Tgt Ion:113 Resp: 153366
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 23.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.396 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013250.D
 Acq: 24 Sep 2019 01:37

Tgt Ion: 75 Resp: 22929
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.3#
 77 0.0 25.8 38.6#

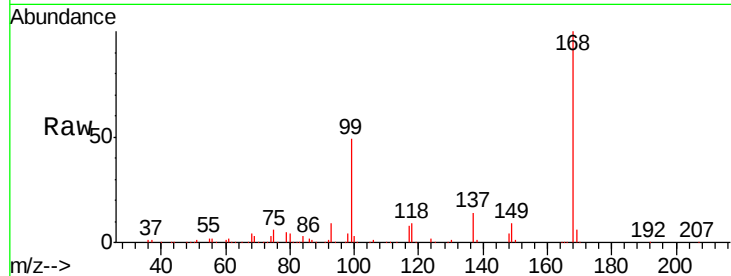




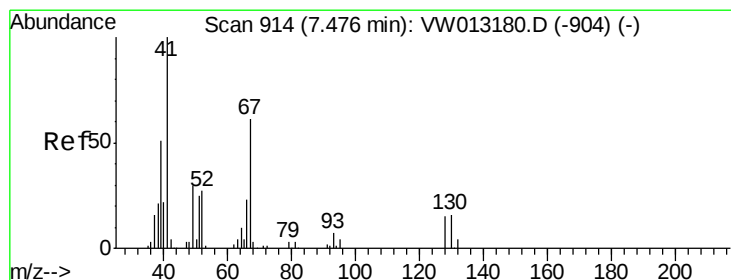
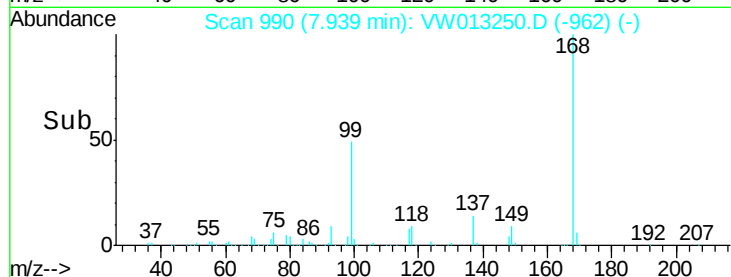
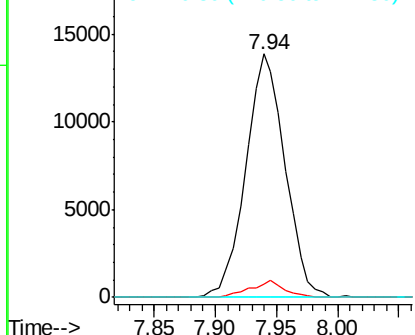
#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013250.D
Acq: 24 Sep 2019 01:37

Instrument :
MSVOA_W
ClientSampled :
TH-2

Tgt Ion: 117 Resp: 30879
Ion Ratio Lower Upper
117 100
119 5.5 73.5 110.3#
121 0.0 25.0 37.6#

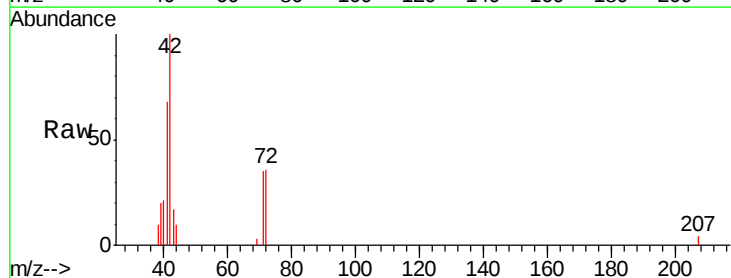


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

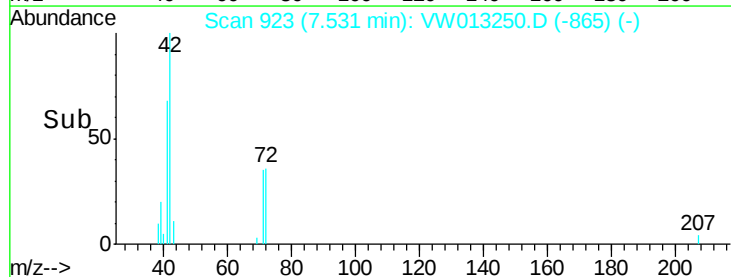
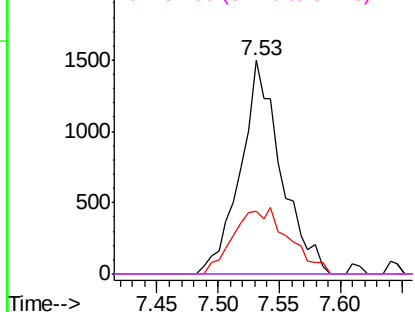


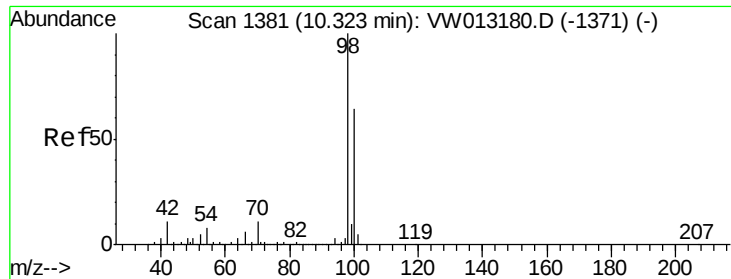
#41
Methacrylonitrile
Concen: 2.609 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW013250.D
Acq: 24 Sep 2019 01:37

Tgt Ion: 41 Resp: 3452
Ion Ratio Lower Upper
41 100
39 41.9 45.9 68.9#
67 0.0 54.5 81.7#
52 0.0 22.5 33.7#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 52.919 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

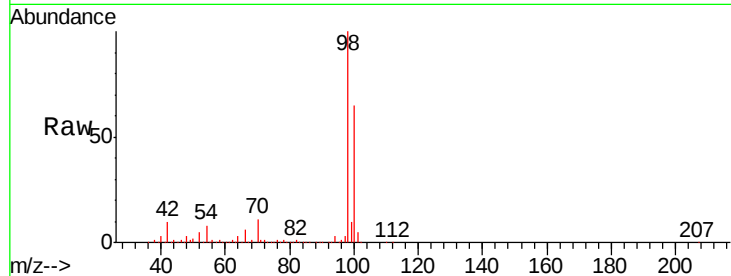
TH-2

Tgt Ion: 98 Resp: 655986

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

400000

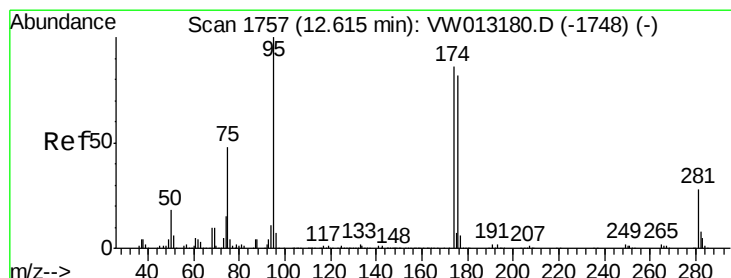
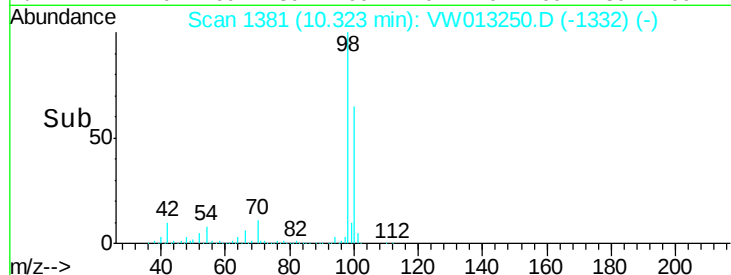
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 51.948 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

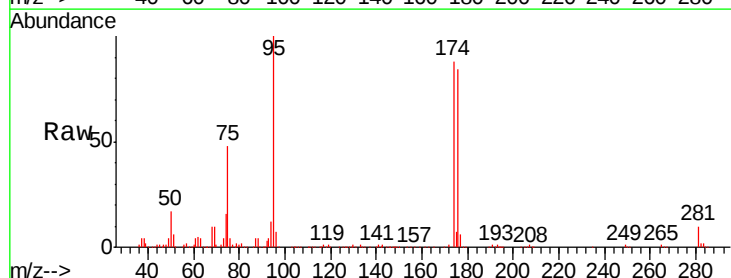
Tgt Ion: 95 Resp: 219970

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.4

176 86.4 0.0 172.2



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

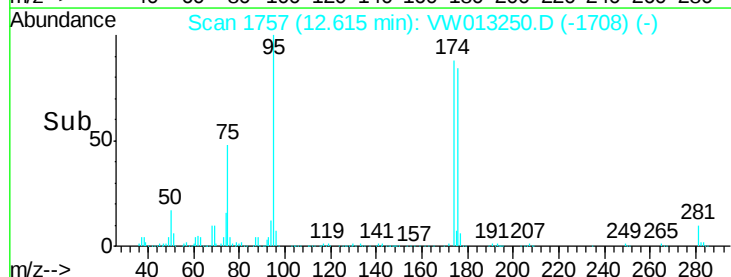
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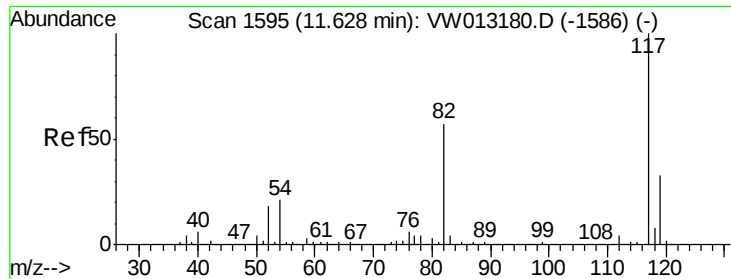
100000

50000

0

Time--> 12.50 12.60 12.70

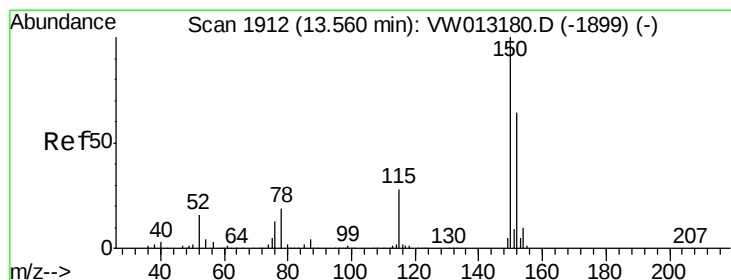
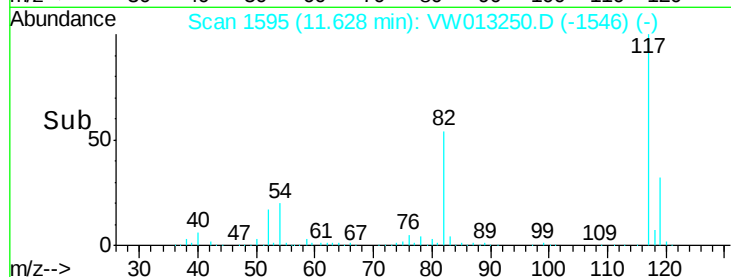
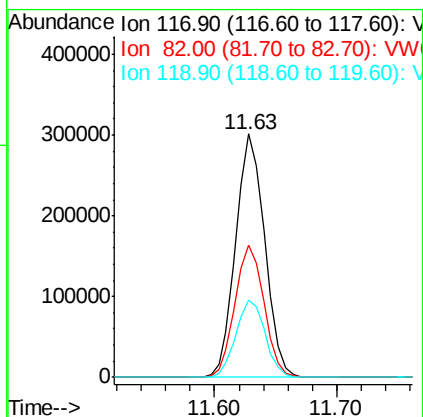
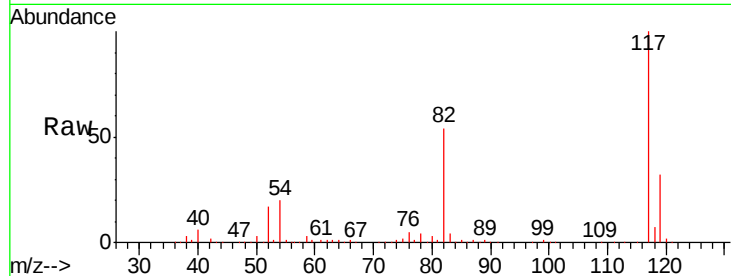




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013250.D
Acq: 24 Sep 2019 01:37

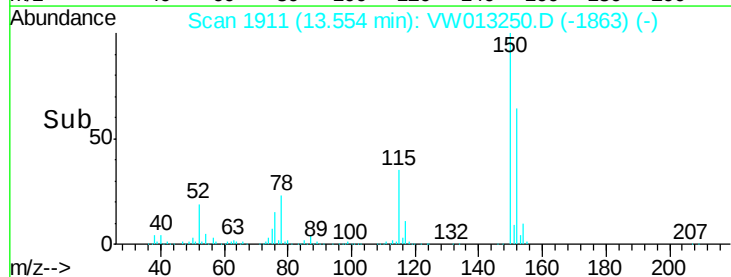
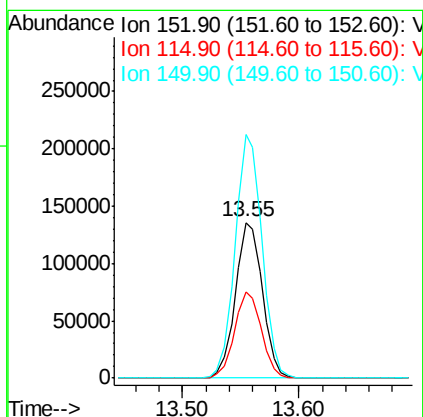
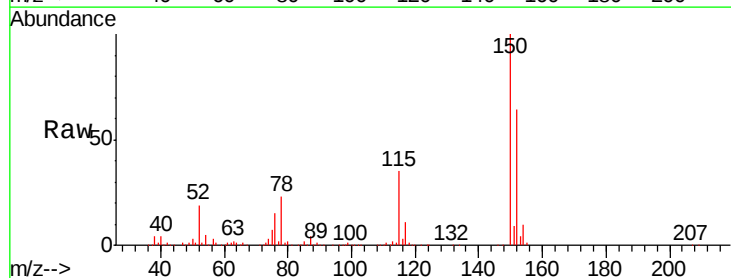
Instrument :
MSVOA_W
ClientSampled :
TH-2

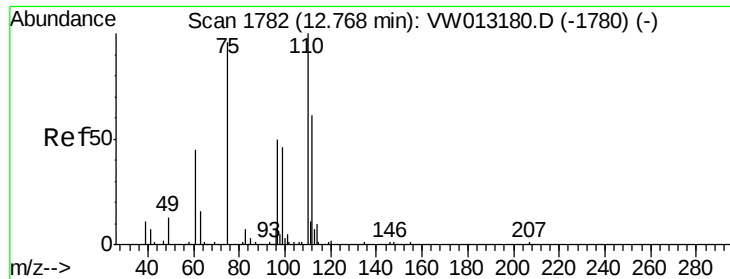
Tgt Ion:117 Resp: 495981
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013250.D
Acq: 24 Sep 2019 01:37

Tgt Ion:152 Resp: 219224
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 155.6 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 53.871 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

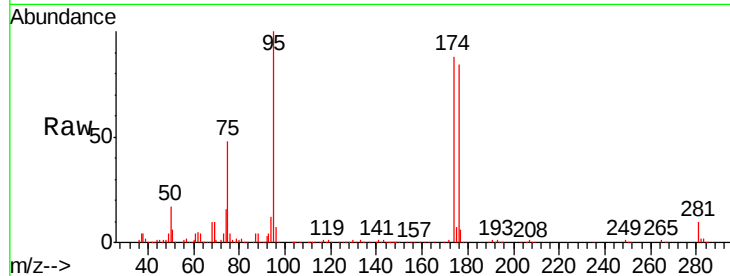
TH-2

Tgt Ion: 75 Resp: 104297

Ion Ratio Lower Upper

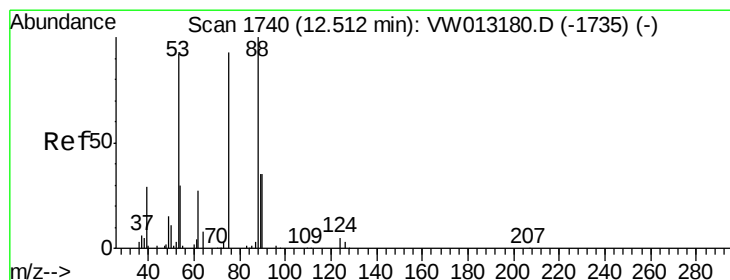
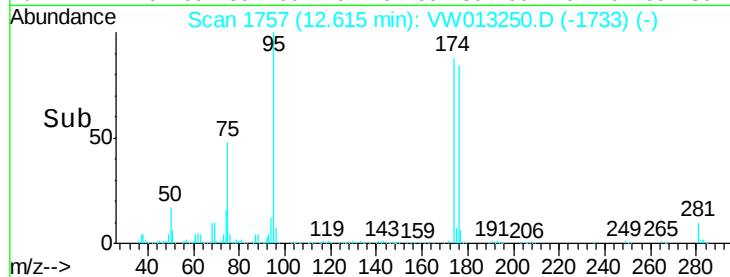
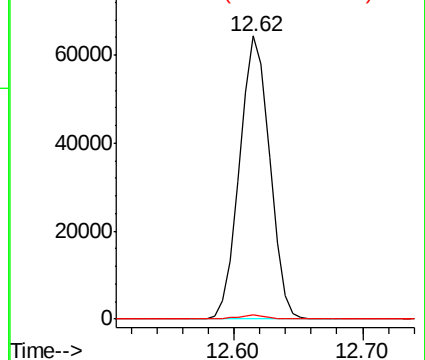
75 100

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: 120.883 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013250.D

Acq: 24 Sep 2019 01:37

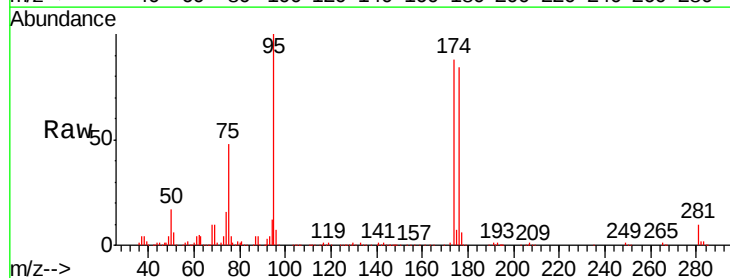
Tgt Ion: 75 Resp: 104297

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.2 33.5 50.3#



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

