

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013260.D
 Acq On : 24 Sep 2019 05:56
 Operator : SY/VA
 Sample : K5010-04
 Misc : 6.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BSP-2

Quant Time: Sep 24 06:46:40 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	7.95	168	371986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	568526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182708	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	160679	52.93	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.88	113	158630	50.73	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.32	98	676841	51.72	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	199469	44.62	ug/l	0.00
Spiked Amount						

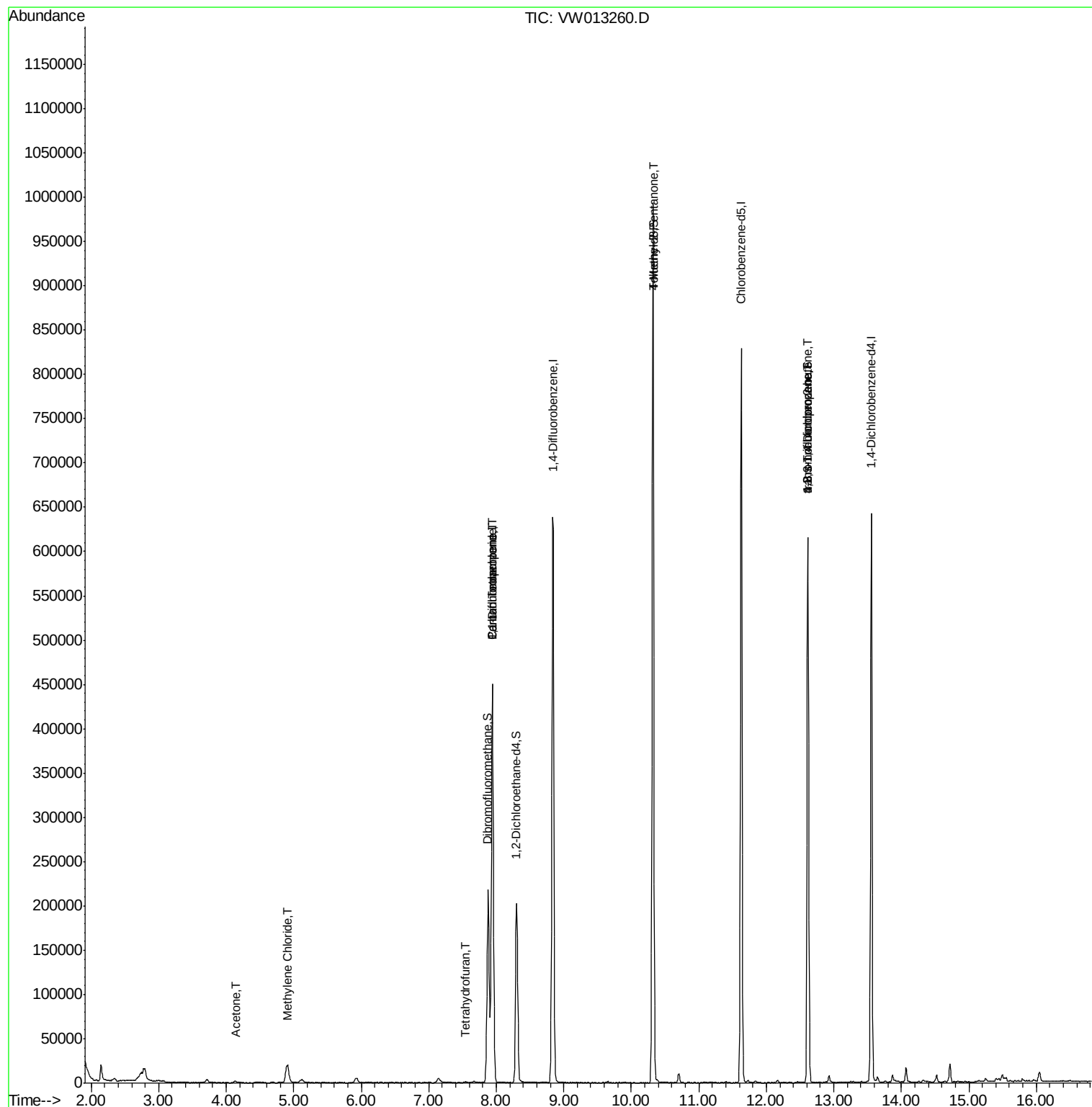
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	55	Below Cal	#	39
16) Acetone	4.14	43	3376	4.931	ug/l	98
20) Methylene Chloride	4.91	84	16886	2.036	ug/l	93
26) 2,2-Dichloropropane	7.13	77	447	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	1009	1.601	ug/l	# 72
36) 1,1-Dichloropropene	7.94	75	23807	4.323	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	32869	6.659	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.32	43	2977	1.324	ug/l	# 1
76) 1,2,3-Trichloropropane	12.62	75	96108	59.563	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	96108	133.654	ug/l	# 12

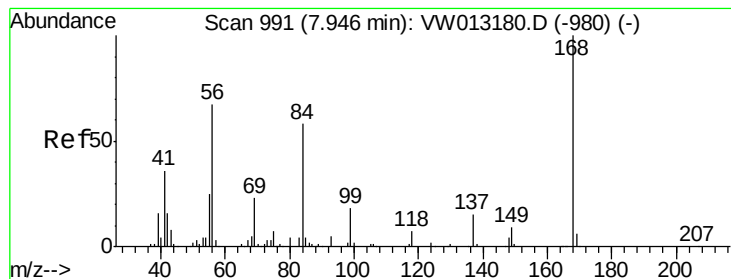
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013260.D
Acq On : 24 Sep 2019 05:56
Operator : SY/VA
Sample : K5010-04
Misc : 6.92G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
BSP-2

Quant Time: Sep 24 06:46:40 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: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampled :

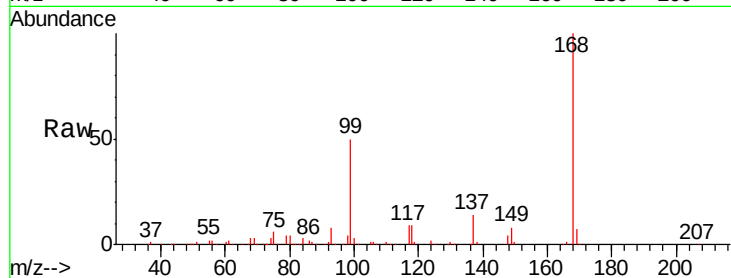
BSP-2

Tgt Ion:168 Resp: 371986

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

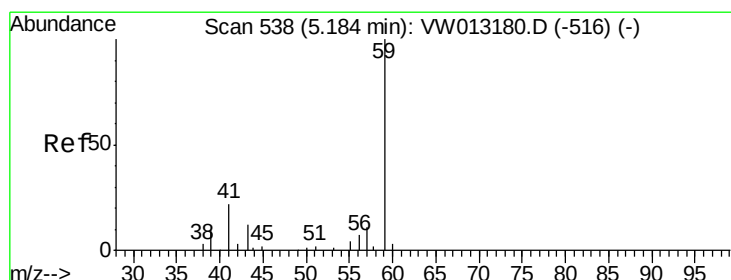
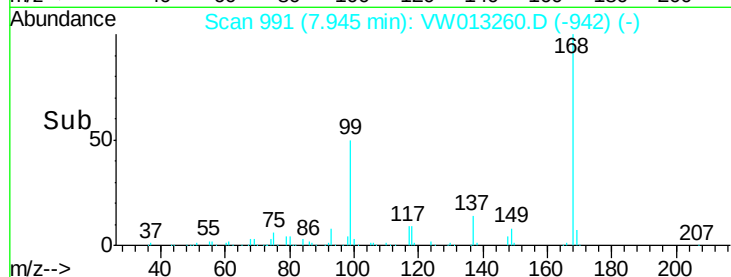
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.00 min

Lab File: VW013260.D

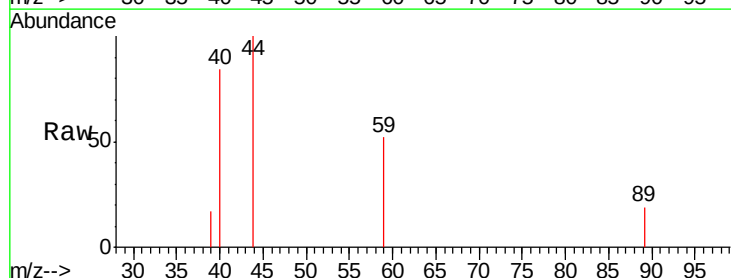
Acq: 24 Sep 2019 05:56

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 32.7 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

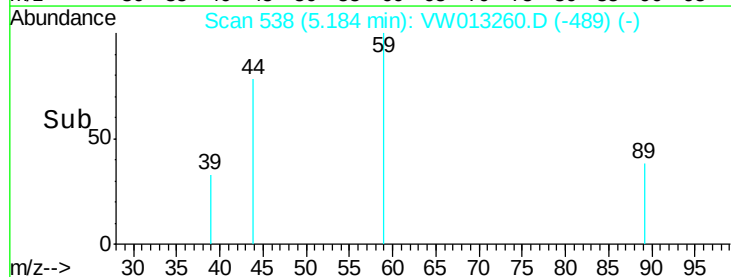
150

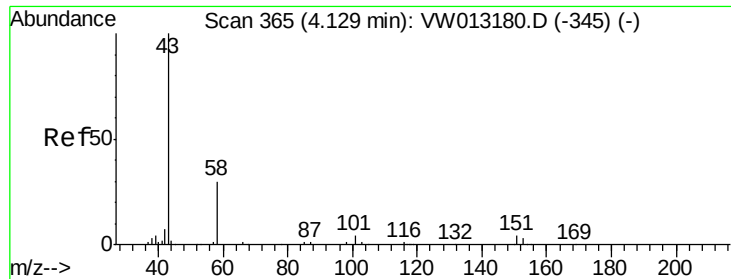
100

50

0

Time--> 5.17 5.18 5.19 5.20





#16

Acetone

Concen: 4.931 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampleId :

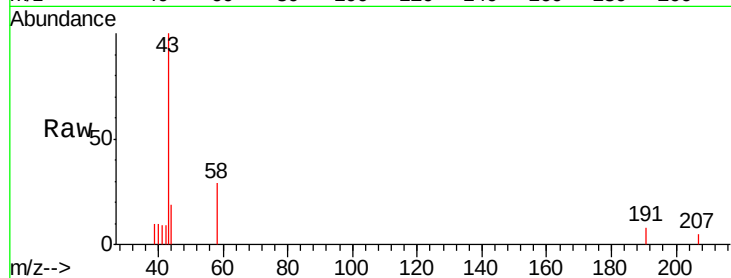
BSP-2

Tgt Ion: 43 Resp: 3376

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

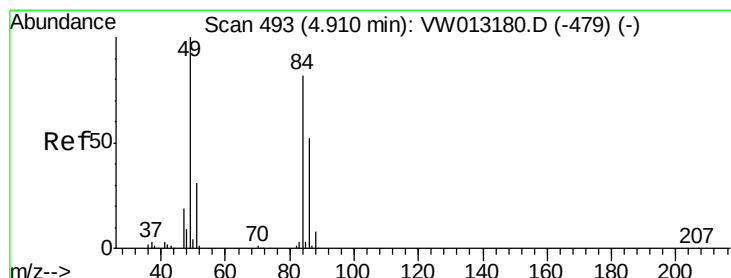
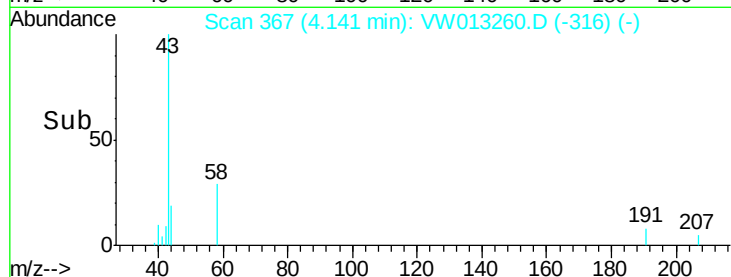
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 2.036 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Tgt Ion: 84 Resp: 16886

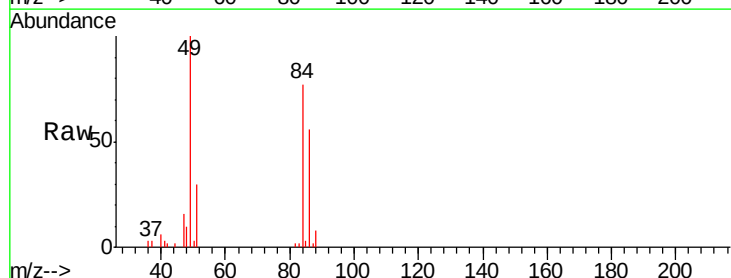
Ion Ratio Lower Upper

84 100

49 129.1 97.6 146.4

51 39.0 30.2 45.2

86 71.8 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

8000

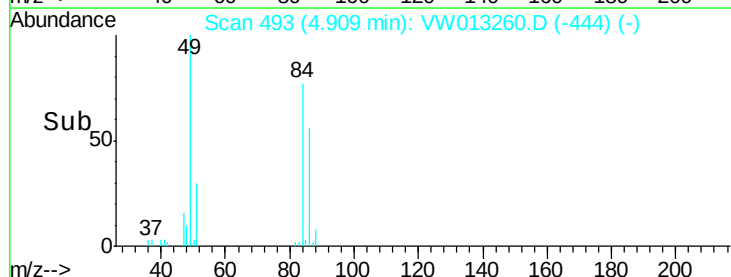
6000

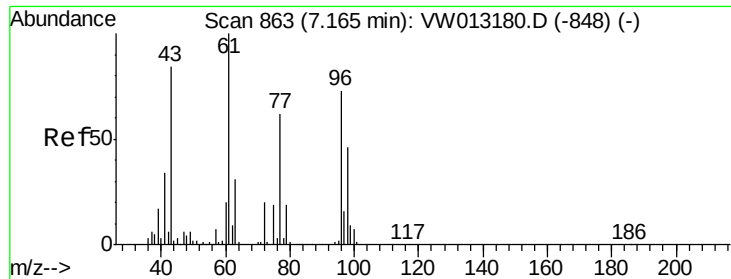
4000

2000

0

Time-->

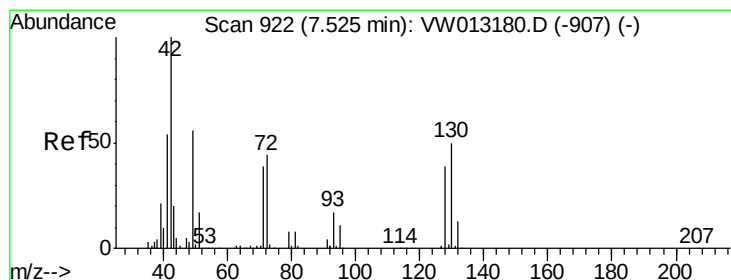
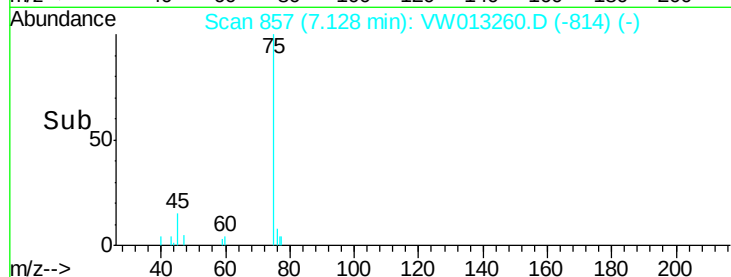
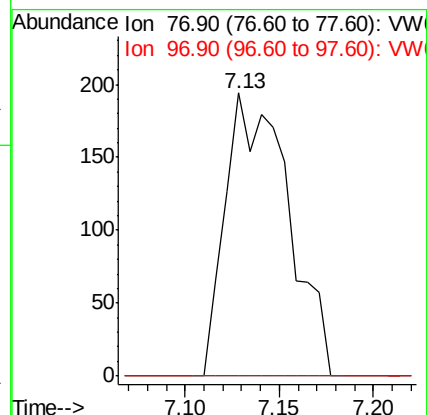
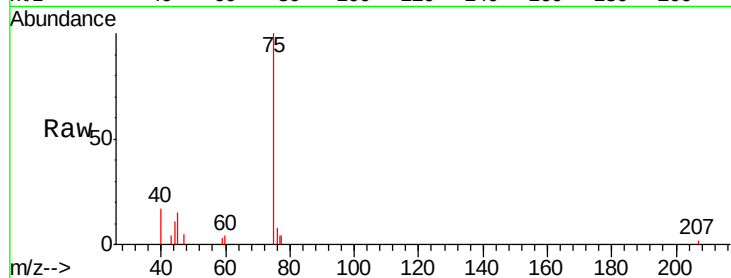




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

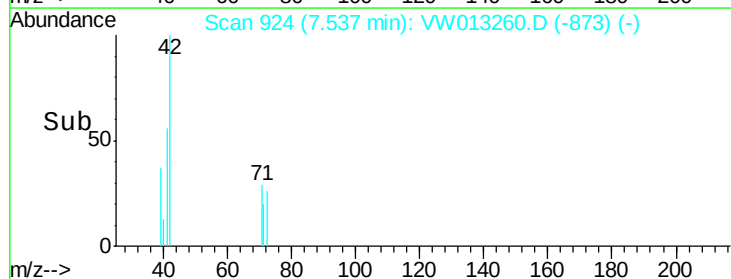
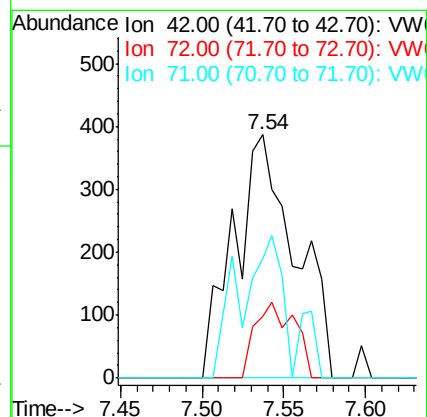
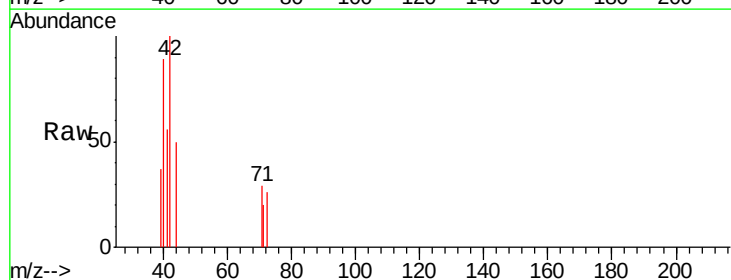
Instrument :
 MSVOA_W
 ClientSampleId :
 BSP-2

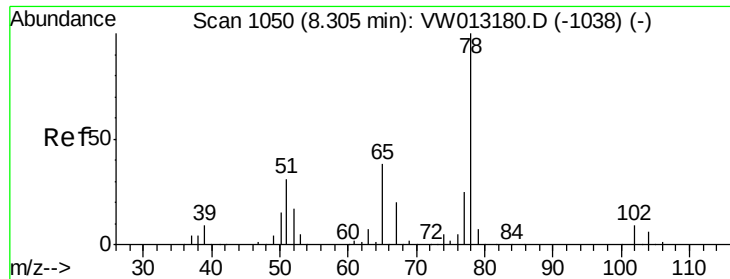
Tgt Ion: 77 Resp: 447
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 1.601 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

Tgt Ion: 42 Resp: 1009
 Ion Ratio Lower Upper
 42 100
 72 20.0 33.9 50.9#
 71 26.9 31.9 47.9#

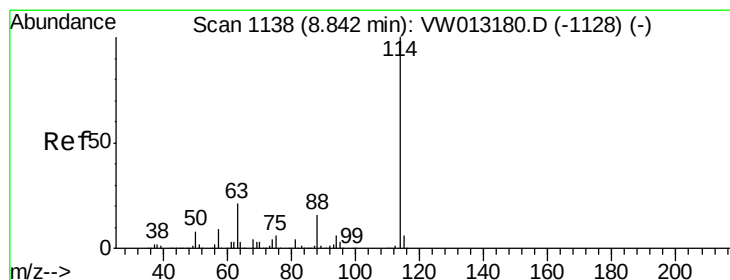
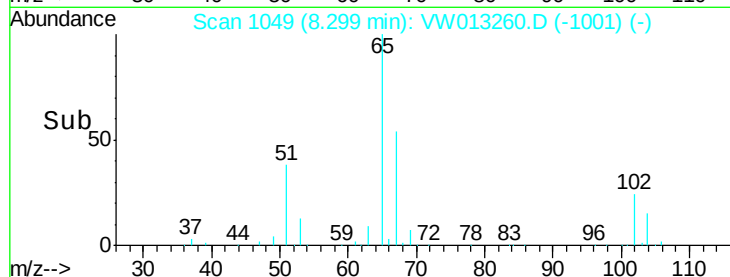
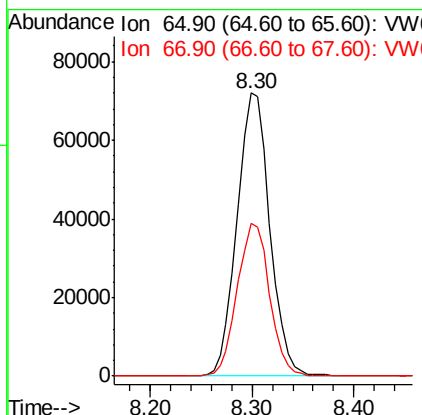
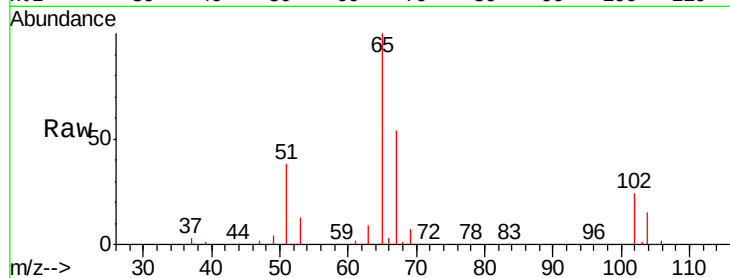




#33
 1,2-Dichloroethane-d4
 Concen: 52.925 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

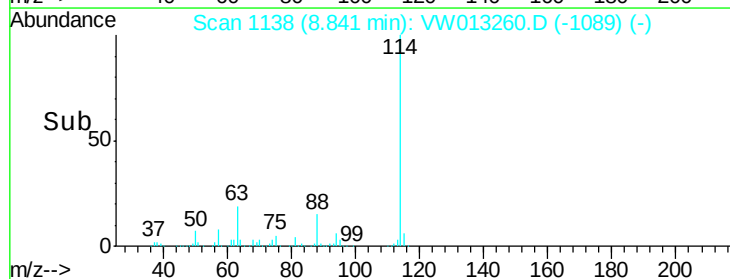
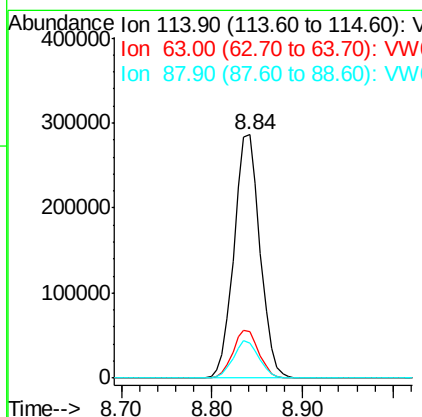
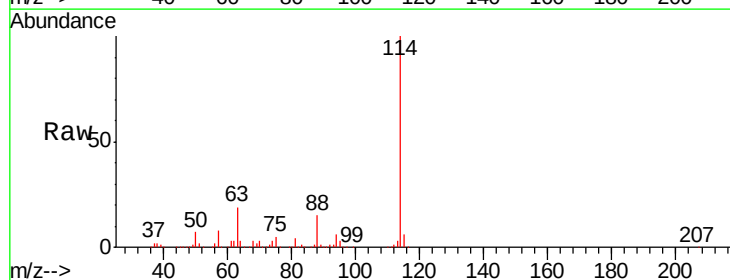
Instrument :
 MSVOA_W
 ClientSampled :
 BSP-2

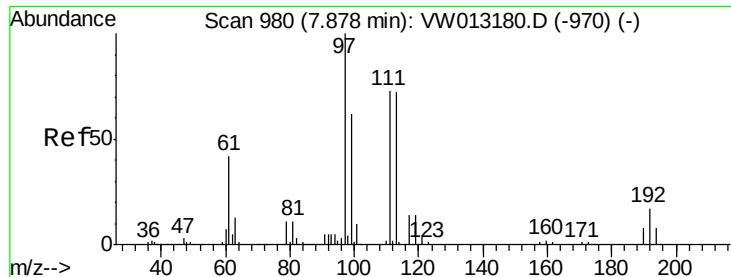
Tgt Ion: 65 Resp: 160679
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

Tgt Ion: 114 Resp: 568526
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 14.5 0.0 32.0

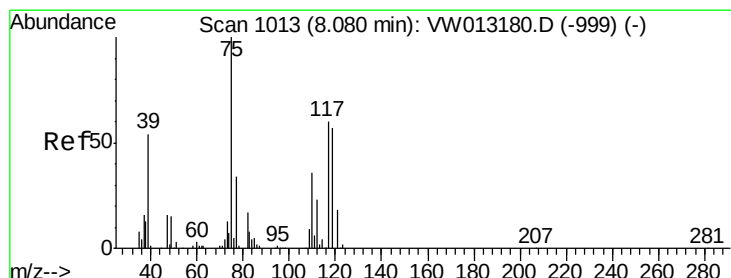
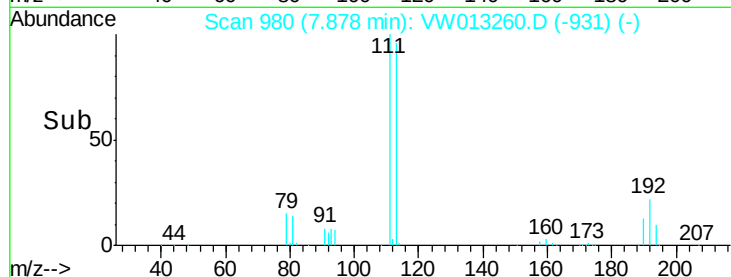
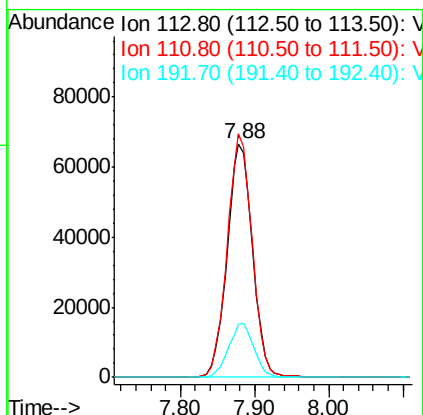
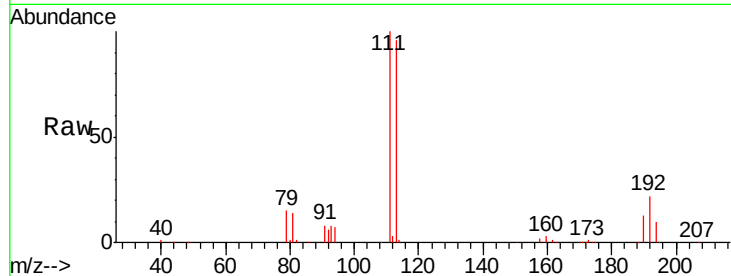




#35
 Dibromofluoromethane
 Concen: 50.731 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

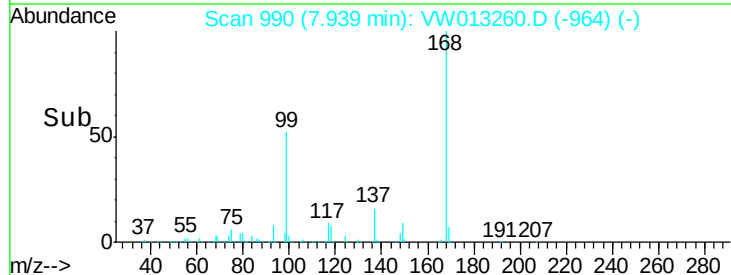
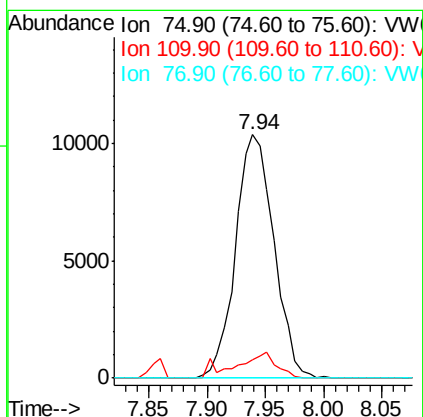
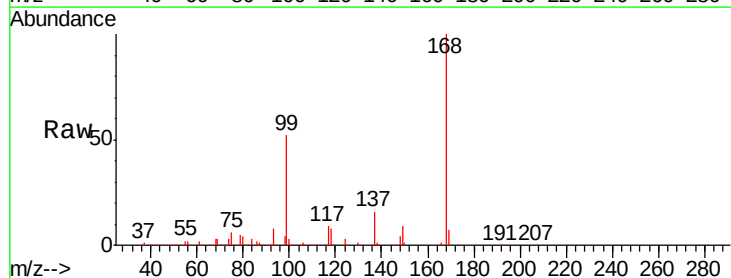
Instrument :
 MSVOA_W
 ClientSampleId :
 BSP-2

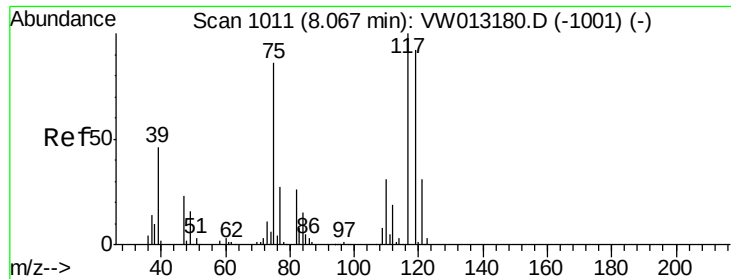
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.0	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.323 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

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





#38

Carbon Tetrachloride

Concen: 6.659 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampled :

BSP-2

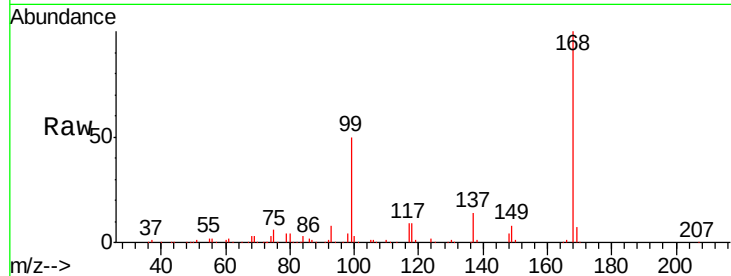
Tgt Ion:117 Resp: 32869

Ion Ratio Lower Upper

117 100

119 5.6 73.5 110.3#

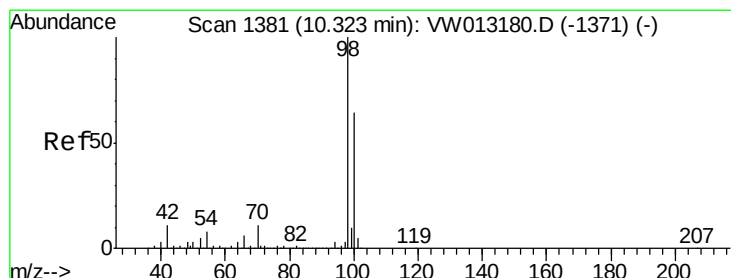
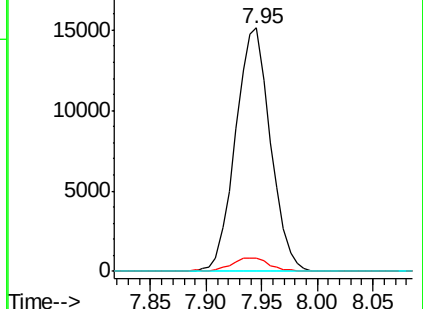
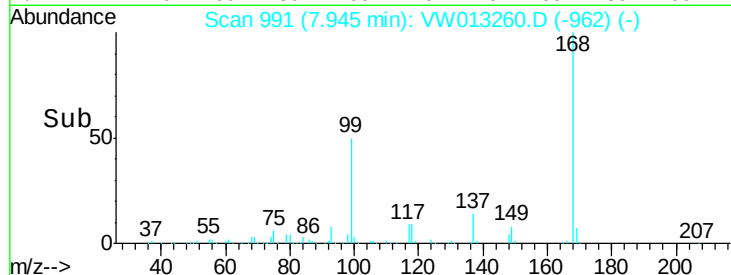
121 0.0 25.0 37.6#



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



#50

Toluene-d8

Concen: 51.721 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013260.D

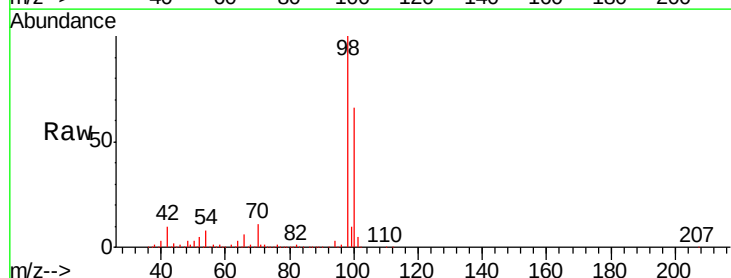
Acq: 24 Sep 2019 05:56

Tgt Ion: 98 Resp: 676841

Ion Ratio Lower Upper

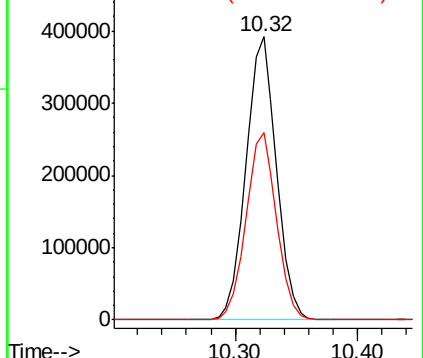
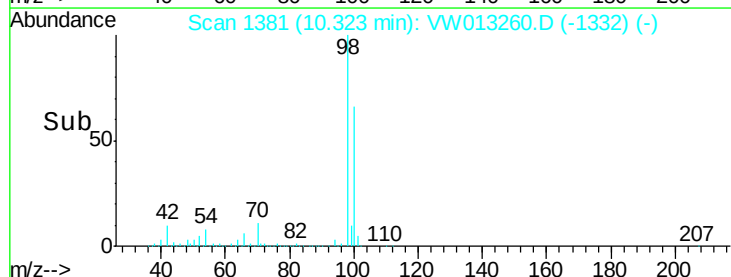
98 100

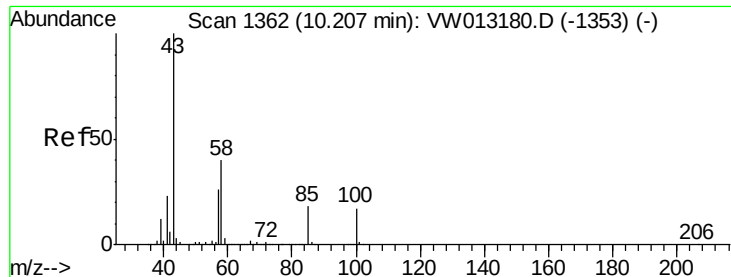
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

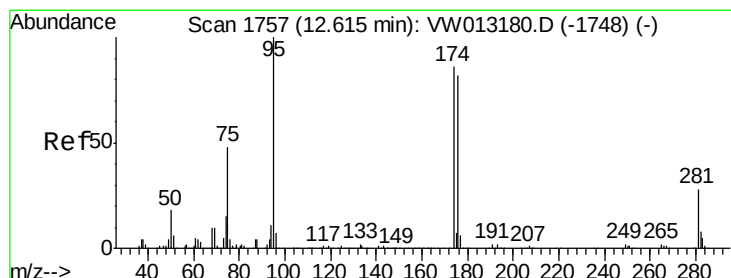
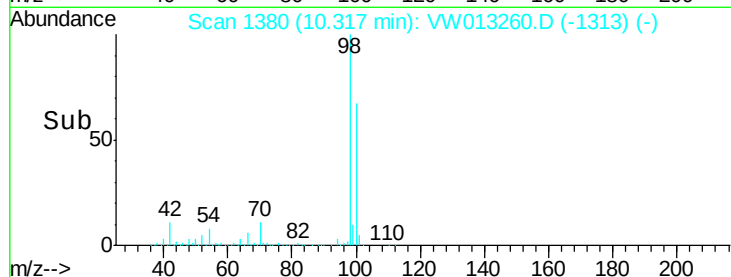
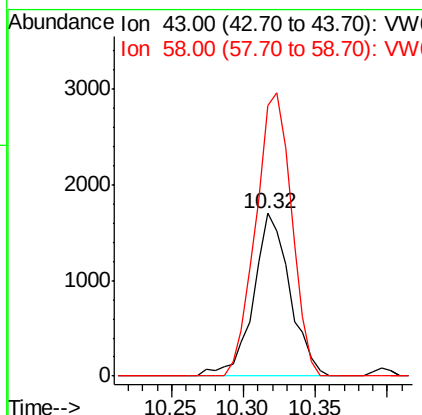
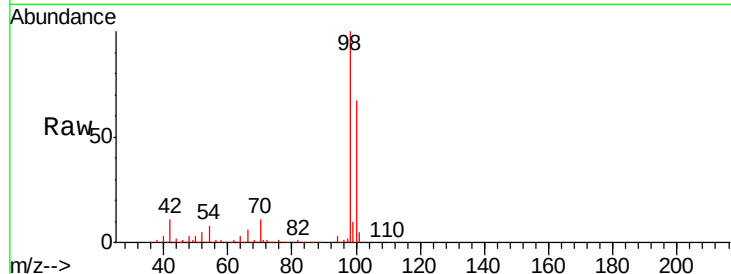




#51
 4-Methyl-2-Pentanone
 Concen: 1.324 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

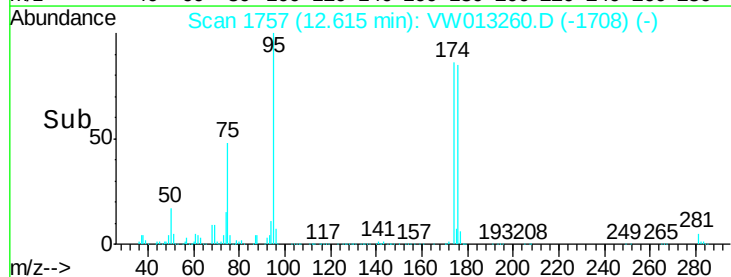
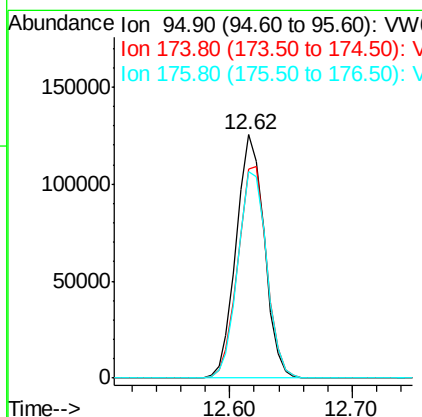
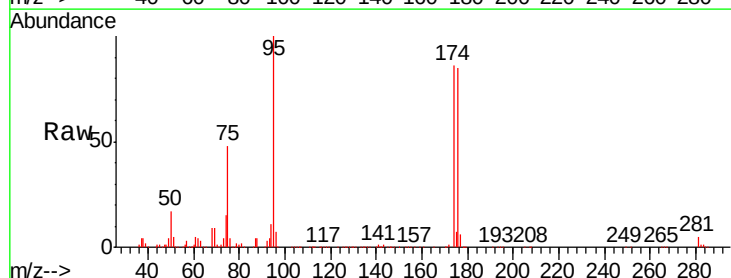
Instrument :
 MSVOA_W
 ClientSampled :
 BSP-2

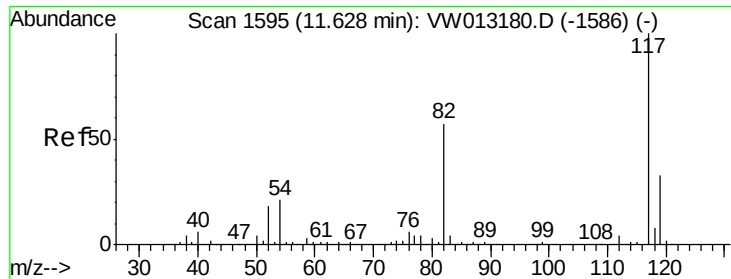
Tgt Ion: 43 Resp: 2977
 Ion Ratio Lower Upper
 43 100
 58 171.3 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 44.622 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013260.D
 Acq: 24 Sep 2019 05:56

Tgt Ion: 95 Resp: 199469
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 178.4
 176 87.3 0.0 172.2

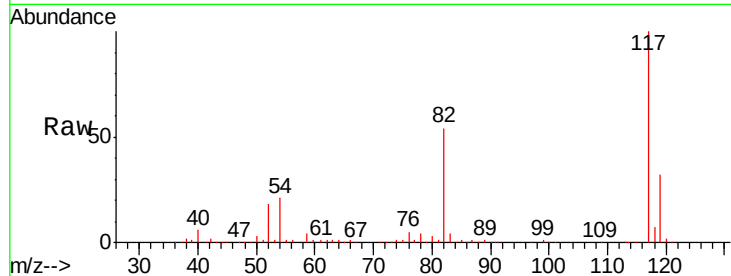




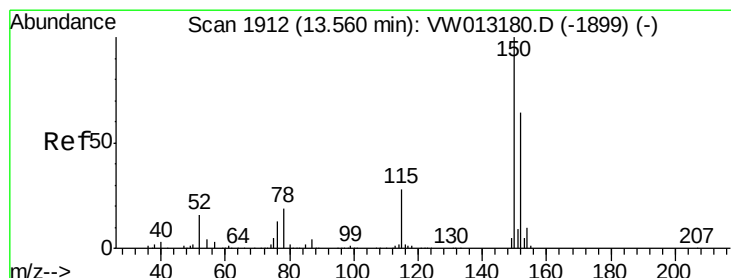
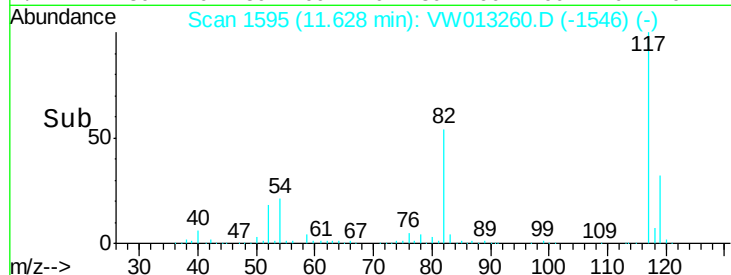
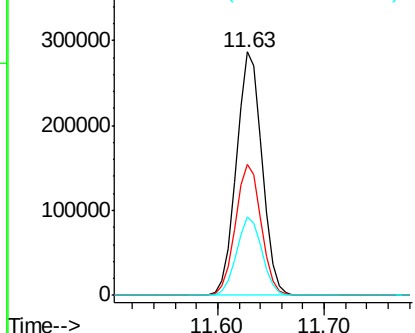
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013260.D
Acq: 24 Sep 2019 05:56

Instrument :
MSVOA_W
ClientSampled :
BSP-2

Tgt Ion:117 Resp: 484889
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.2 26.2 39.2

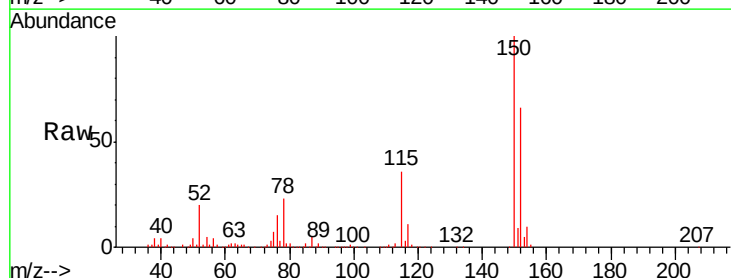


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

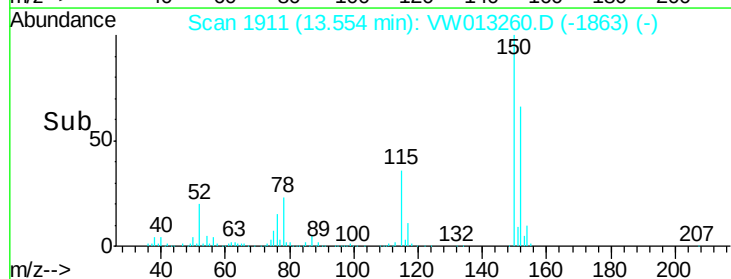
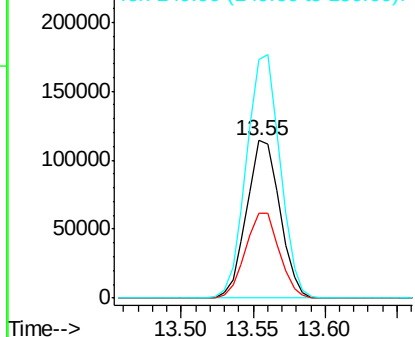


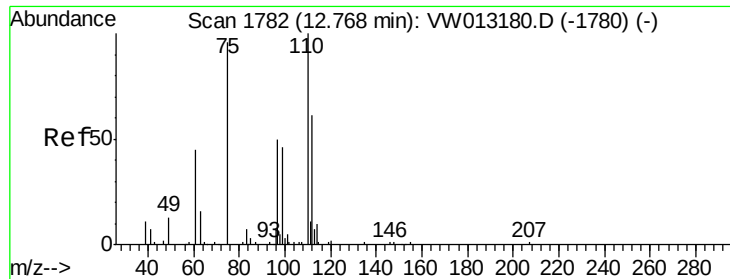
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013260.D
Acq: 24 Sep 2019 05:56

Tgt Ion:152 Resp: 182708
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 156.0 0.0 349.0



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: 59.563 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampled :

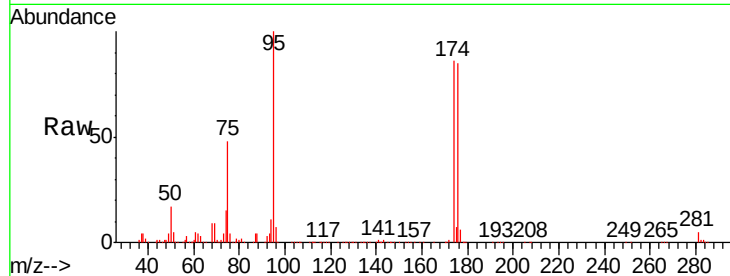
BSP-2

Tgt Ion: 75 Resp: 96108

Ion Ratio Lower Upper

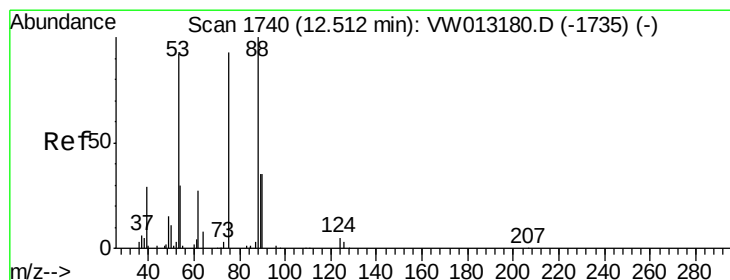
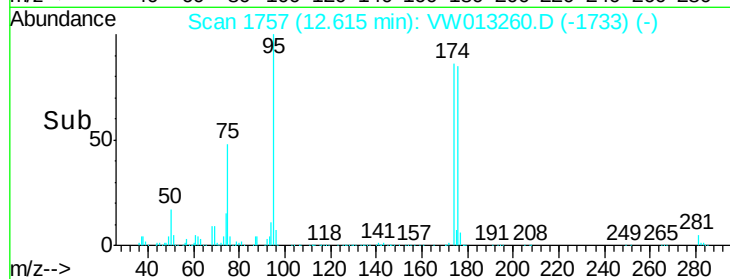
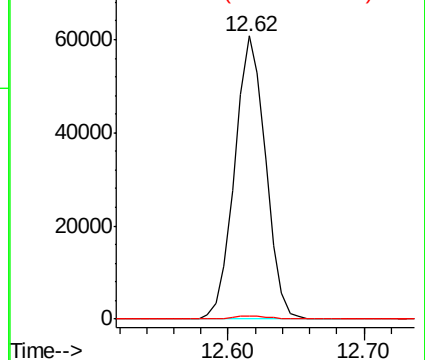
75 100

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: 133.654 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

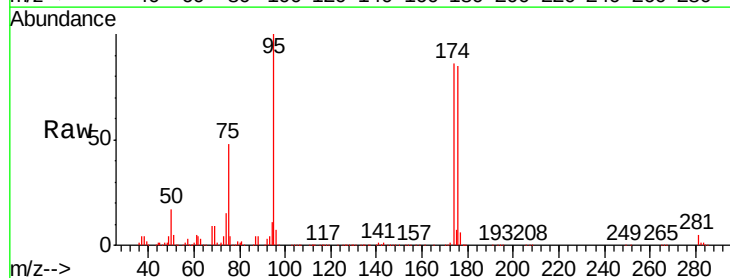
Tgt Ion: 75 Resp: 96108

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.1 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

