

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010616.D
 Acq On : 30 May 2019 15:58
 Operator : SY/VA
 Sample : K3097-05
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Quant Time: May 31 07:44:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52907	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	46164	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
35) Dibromofluoromethane	7.88	113	41799	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.32	98	173454	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	62811	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

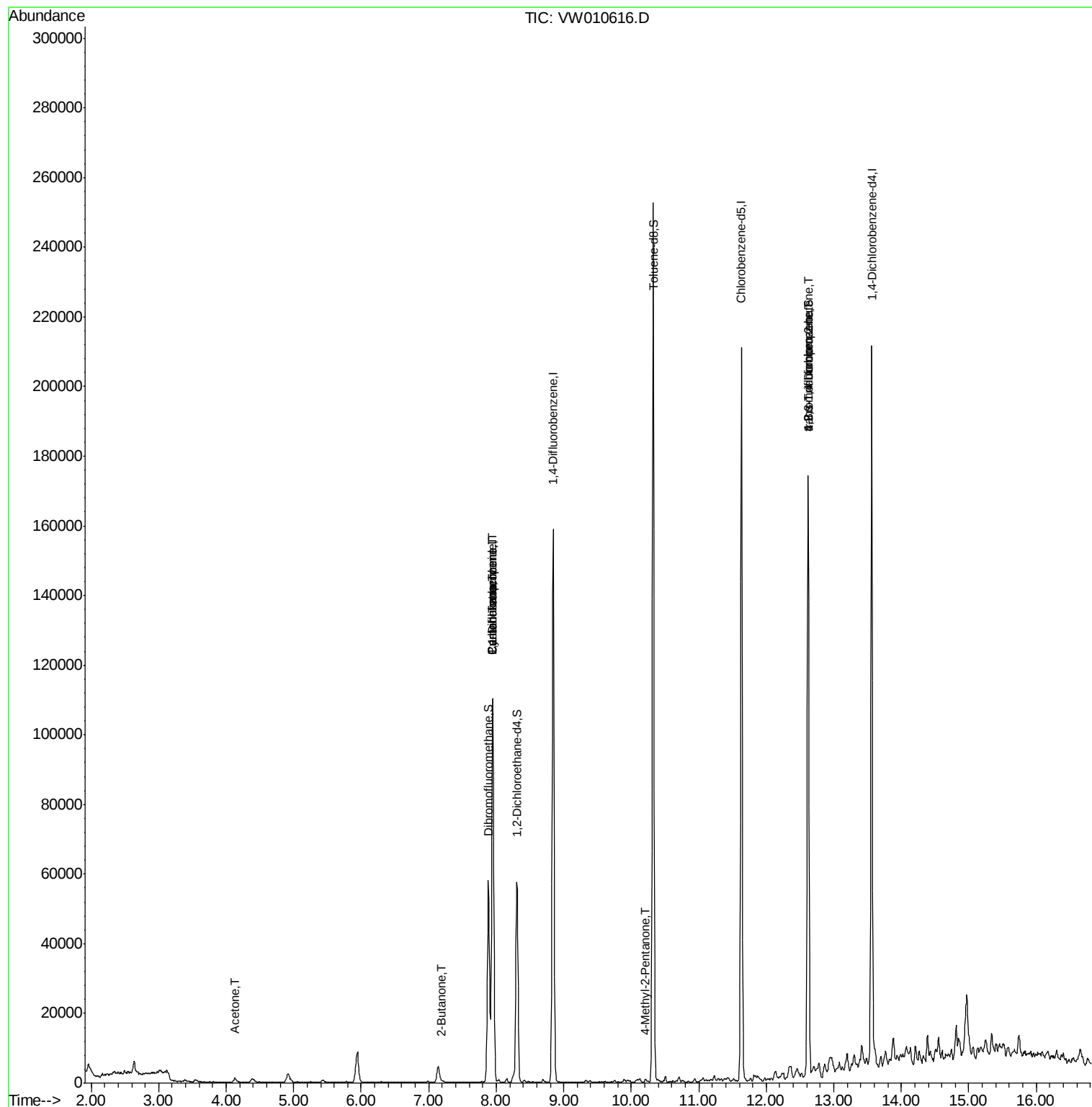
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2427	13.975	ug/l	94
20) Methylene Chloride	4.92	84	2059	Below Cal		95
25) 2-Butanone	7.19	43	651	2.619	ug/l #	45
31) Cyclohexane	7.95	56	1780	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6319	4.744	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8751	6.090	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	615	1.072	ug/l #	70
76) 1,2,3-Trichloropropane	12.62	75	29494	54.920	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29494	114.619	ug/l #	14

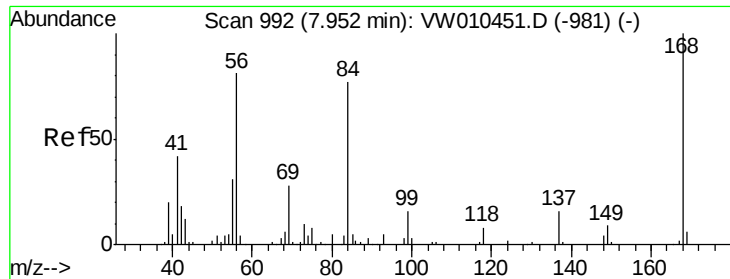
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\
Data File : VW010616.D
Acq On : 30 May 2019 15:58
Operator : SY/VA
Sample : K3097-05
Misc : 5.03G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0425-HR-5(HACKENSACK)

Quant Time: May 31 07:44:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 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: VW010616.D

Acq: 30 May 2019 15:58

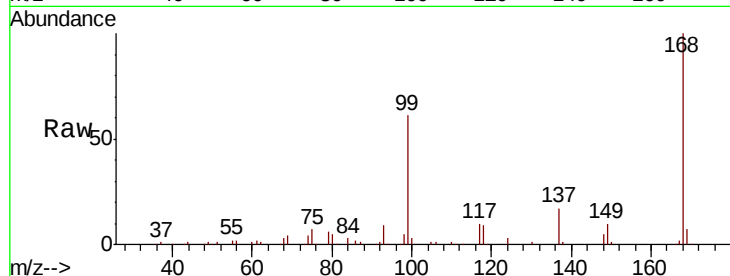
Instrument :
MSVOA_W
ClientSampleId :
0425-HR-5(HACKENSACK)

Tot Ion:168 Resp: 82426

Ion Ratio Lower Upper

168 100

99 60.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

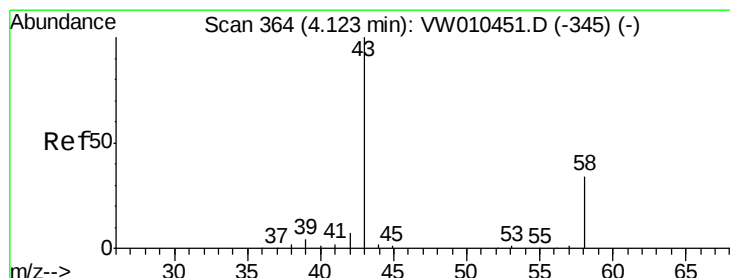
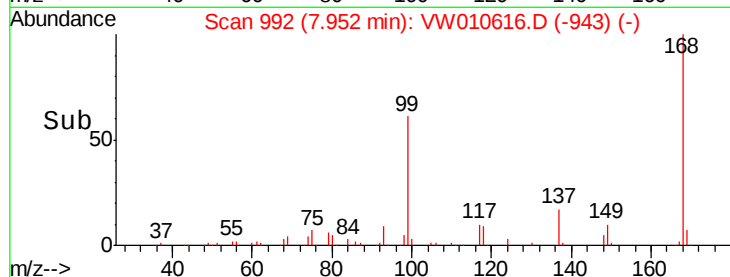
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 13.975 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010616.D

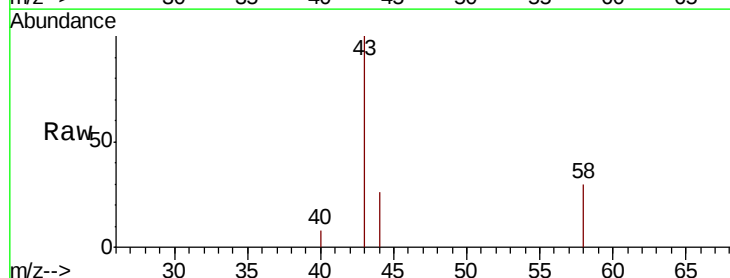
Acq: 30 May 2019 15:58

Tgt Ion: 43 Resp: 2427

Ion Ratio Lower Upper

43 100

58 30.2 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

600

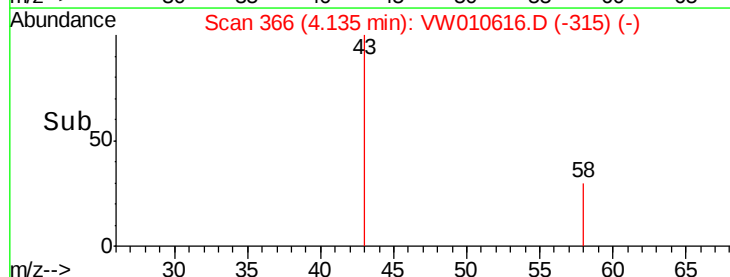
400

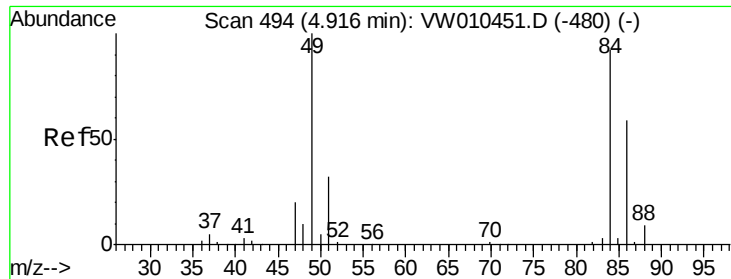
200

0

4.05 4.10 4.15 4.20 4.25

Time-->

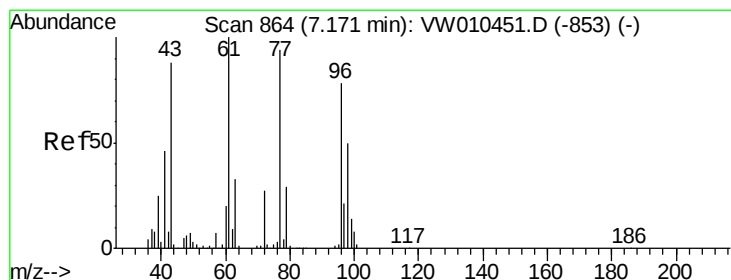
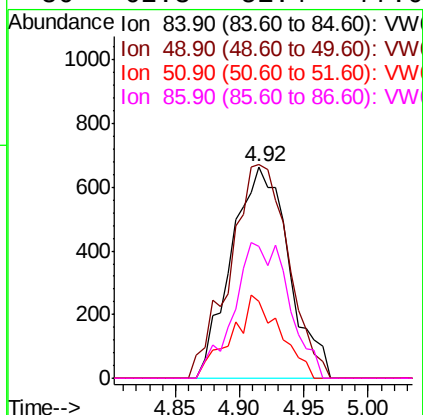
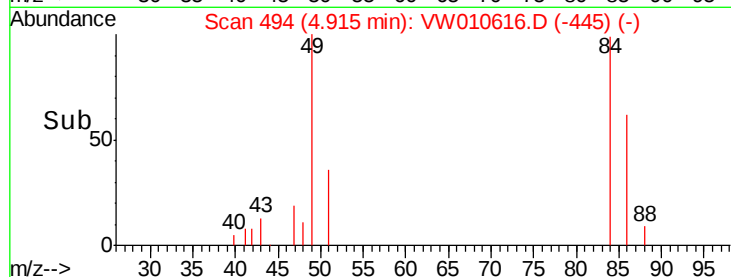
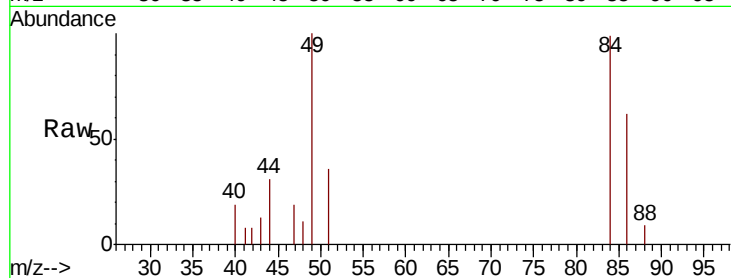




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

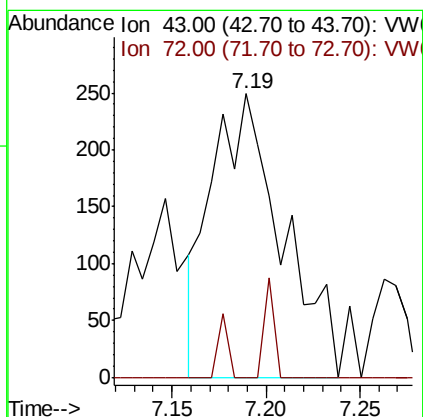
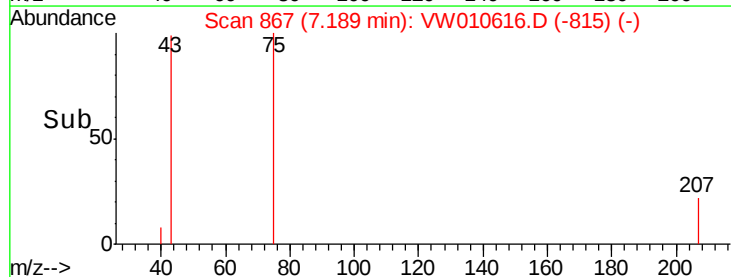
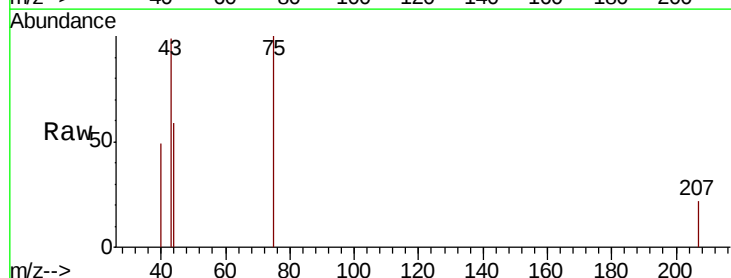
Instrument :
MSVOA_W
ClientSampleId :
0425-HR-5(HACKENSACK)

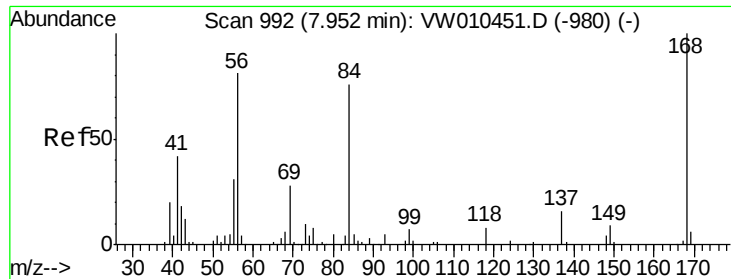
Tot Ion: 84 Resp: 2059
Ion Ratio Lower Upper
84 100
49 100.9 87.2 130.8
51 36.2 27.7 41.5
86 62.3 51.4 77.0



#25
2-Butanone
Concen: 2.619 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
72 0.0 24.1 36.1#

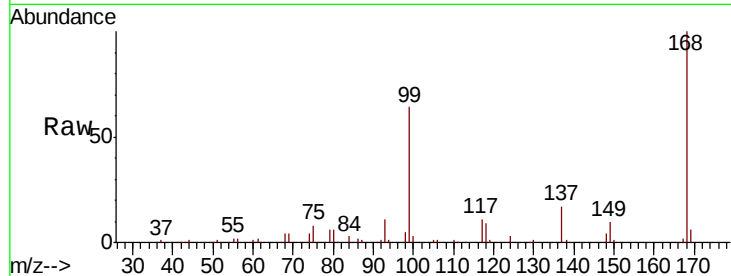




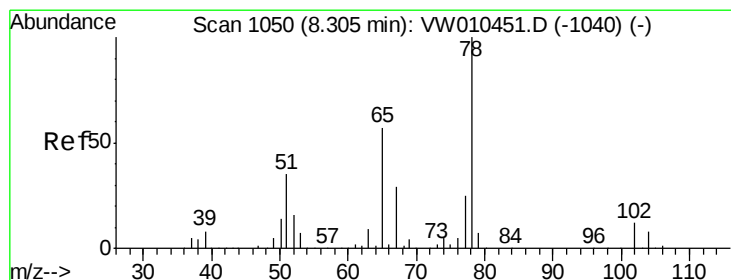
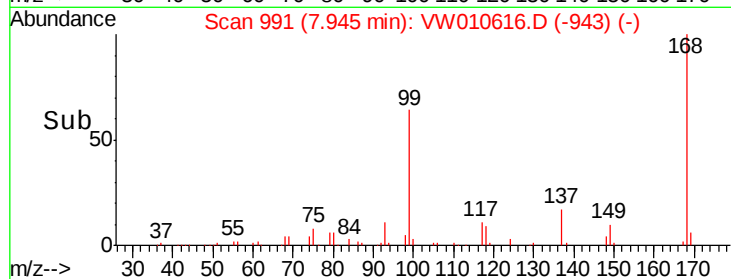
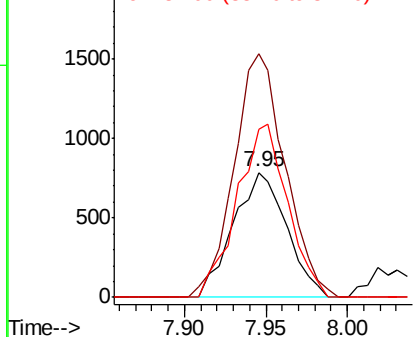
#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

Instrument :
MSVOA_W
ClientSampleId :
0425-HR-5(HACKENSACK)

Tot Ion: 56 Resp: 1780
Ion Ratio Lower Upper
56 100
69 194.8 28.2 42.2#
84 134.1 75.8 113.8#

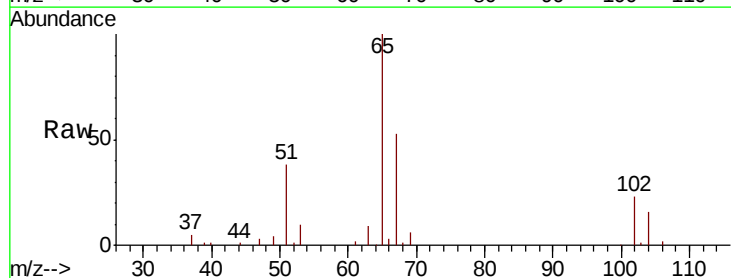


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

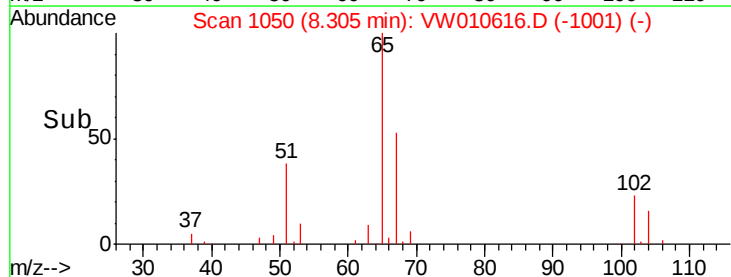
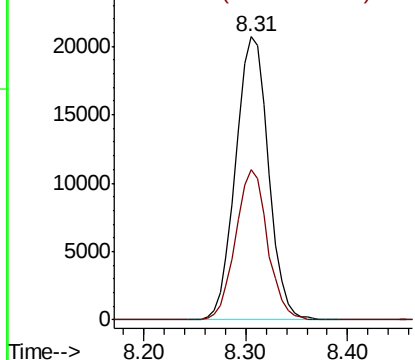


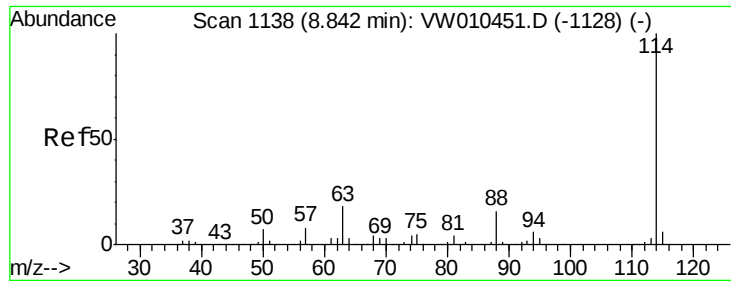
#33
1,2-Dichloroethane-d4
Concen: 54.261 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

Tgt Ion: 65 Resp: 46164
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.6



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

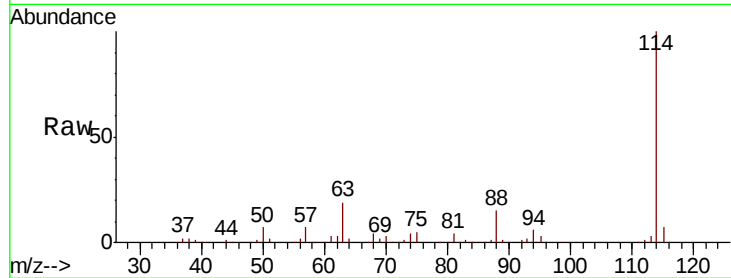




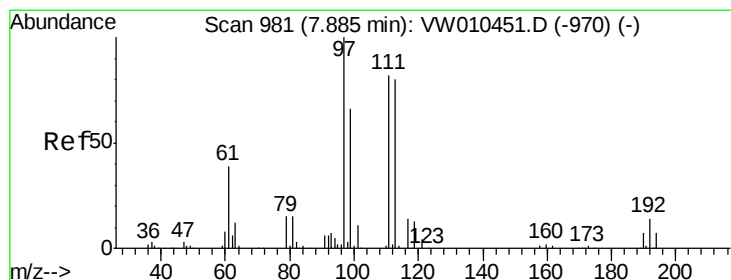
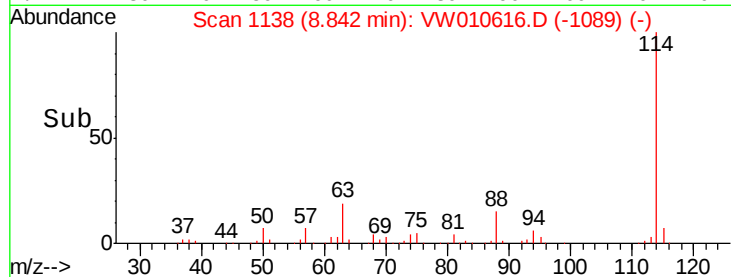
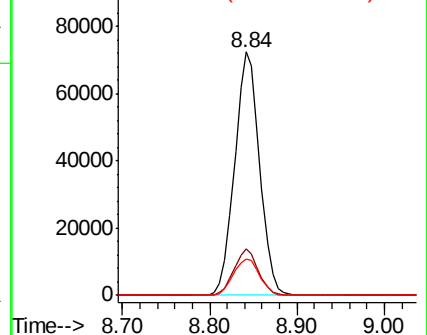
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010616.D
 Acq: 30 May 2019 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.0
88	14.9	0.0	32.0

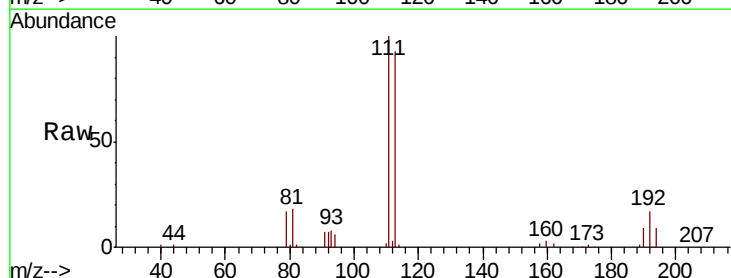


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

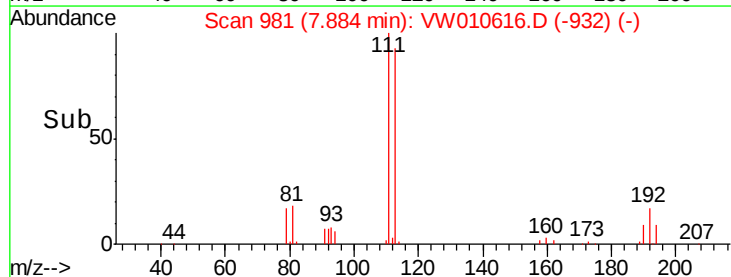
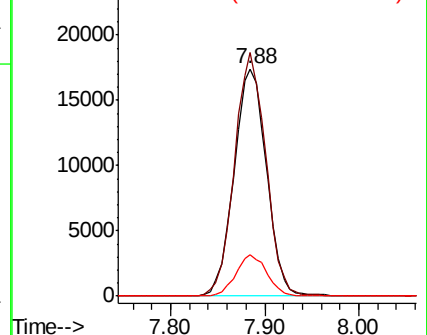


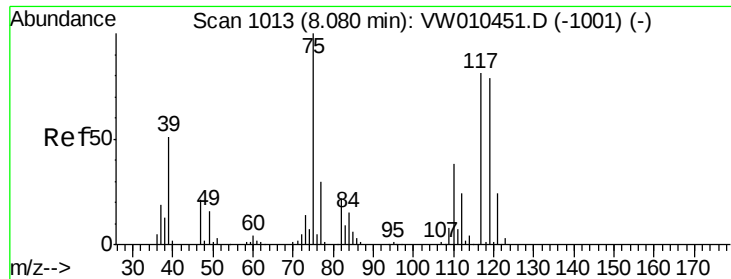
#35
 Dibromofluoromethane
 Concen: 48.173 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010616.D
 Acq: 30 May 2019 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.2	14.3	21.5



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

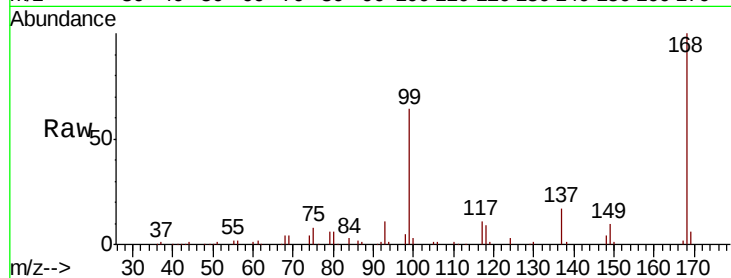




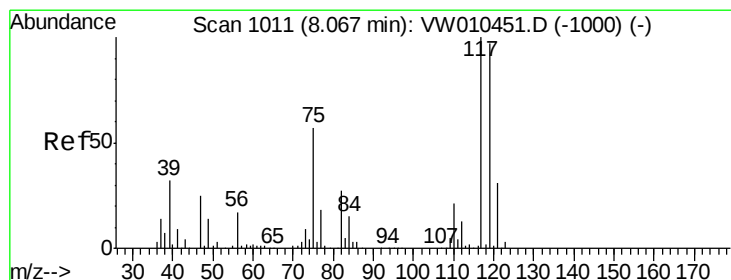
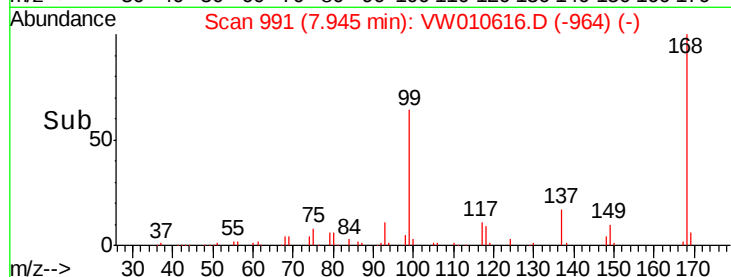
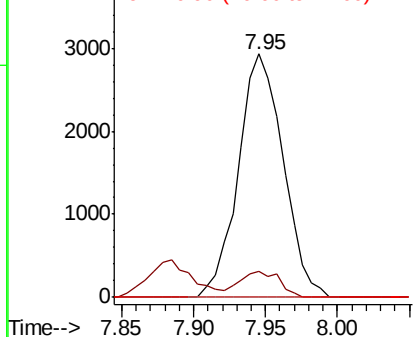
#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010616.D
 Acq: 30 May 2019 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.2	57.6#
77	0.0	25.2	37.8#

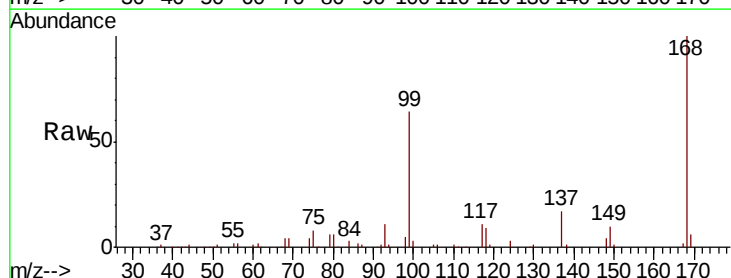


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

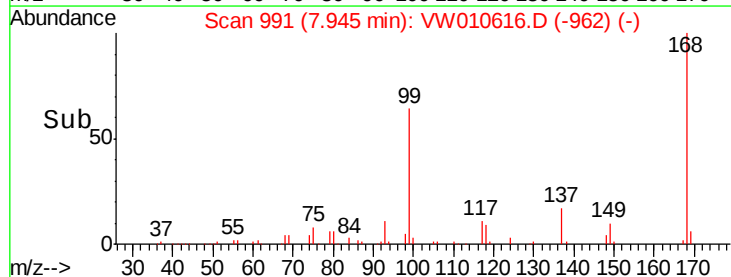
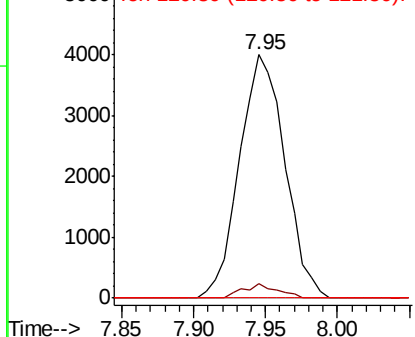


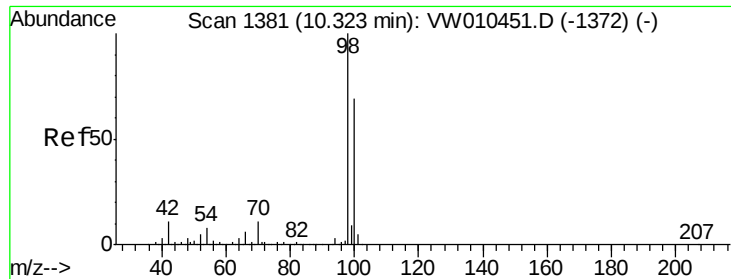
#38
 Carbon Tetrachloride
 Concen: 6.090 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010616.D
 Acq: 30 May 2019 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
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: 52.328 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010616.D

Acq: 30 May 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

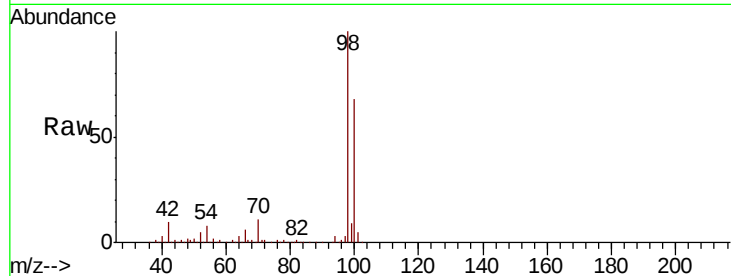
0425-HR-5(HACKENSACK)

Tot Ion: 98 Resp: 173454

Ion Ratio Lower Upper

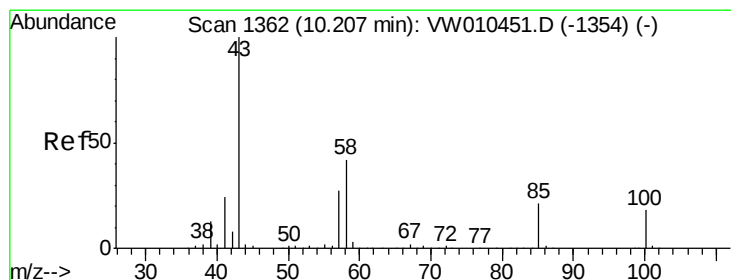
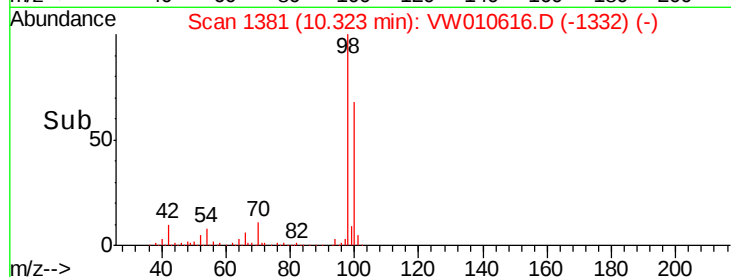
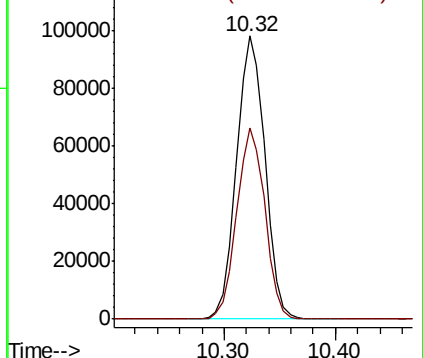
98 100

100 67.0 53.7 80.5



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: 1.072 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010616.D

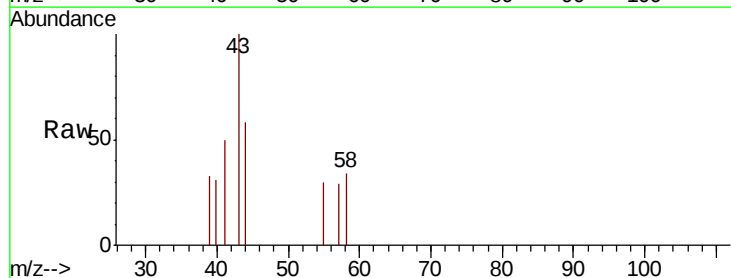
Acq: 30 May 2019 15:58

Tgt Ion: 43 Resp: 615

Ion Ratio Lower Upper

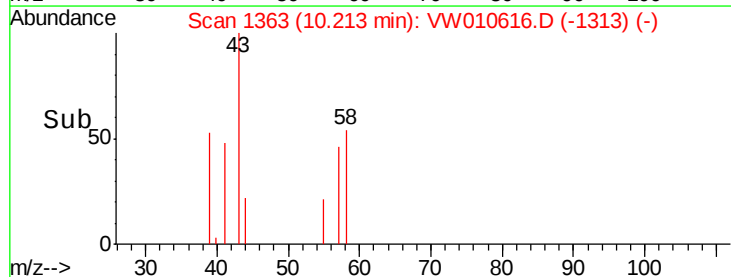
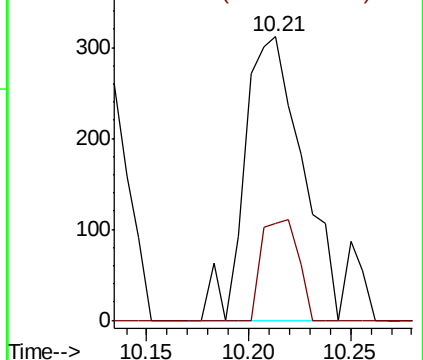
43 100

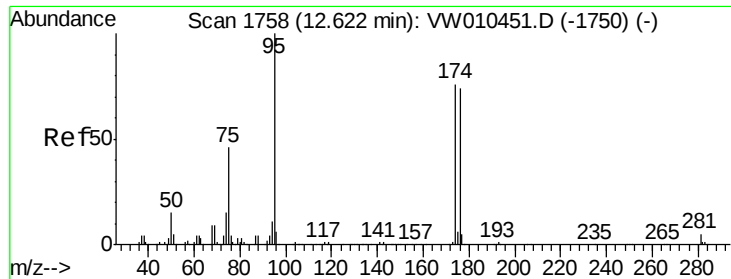
58 22.6 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

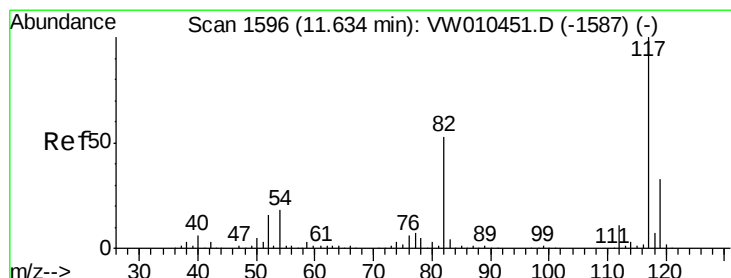
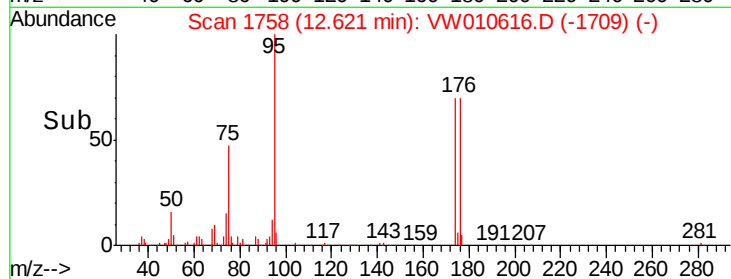
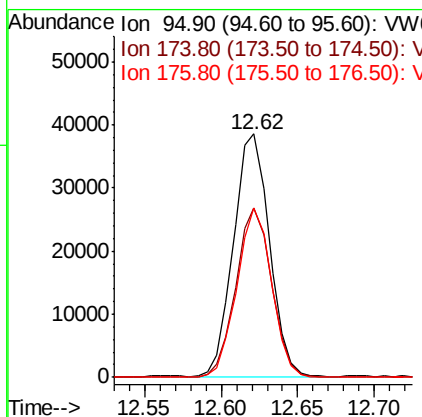
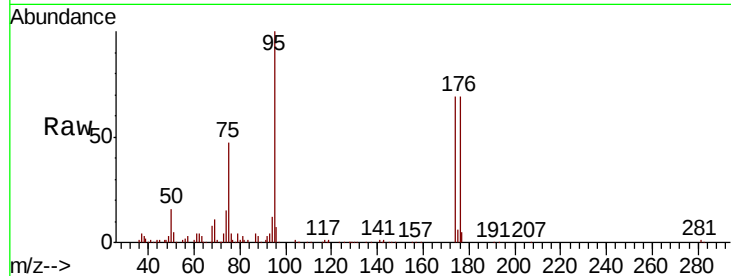




#62
4-Bromofluorobenzene
Concen: 47.573 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

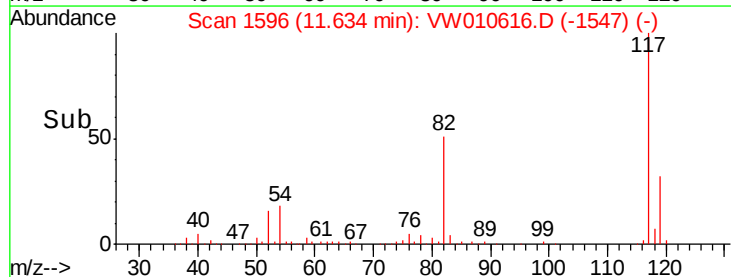
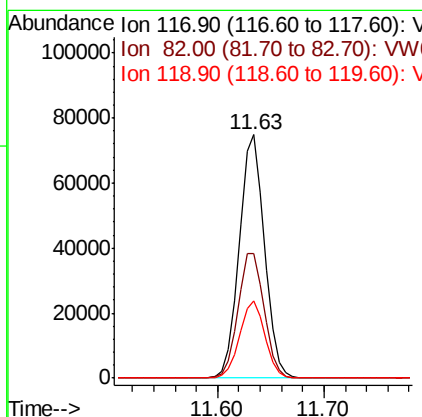
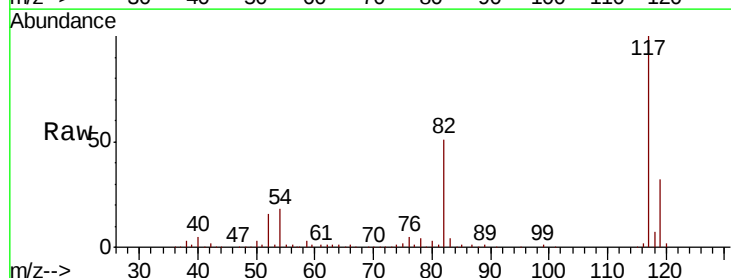
Instrument :
MSVOA_W
ClientSampleId :
0425-HR-5(HACKENSACK)

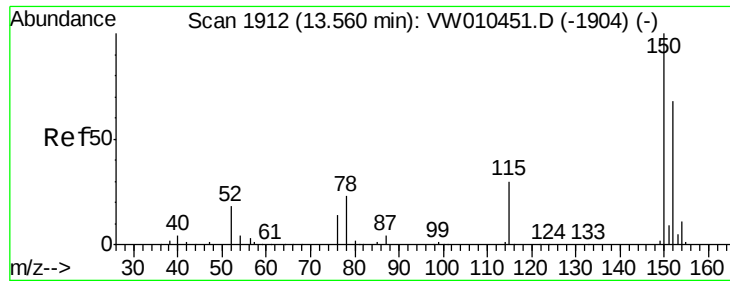
Tot Ion: 95 Resp: 62811
Ion Ratio Lower Upper
95 100
174 69.2 0.0 148.6
176 67.3 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010616.D
Acq: 30 May 2019 15:58

Tgt Ion: 117 Resp: 124447
Ion Ratio Lower Upper
117 100
82 51.0 42.8 64.2
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010616.D

Acq: 30 May 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

0425-HR-5(HACKENSACK)

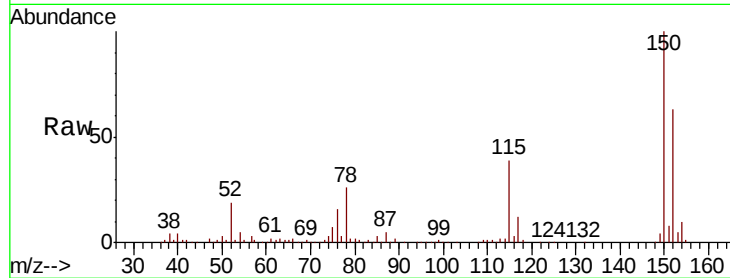
Tot Ion:152 Resp: 52907

Ion Ratio Lower Upper

152 100

115 63.8 30.3 91.0

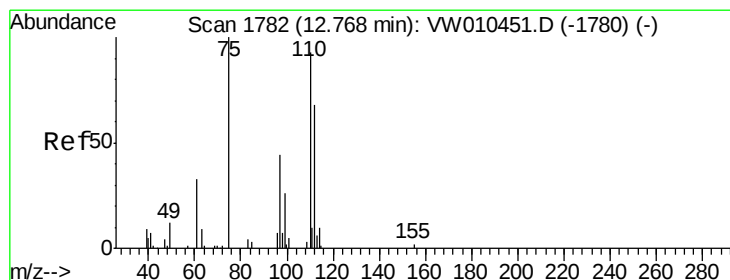
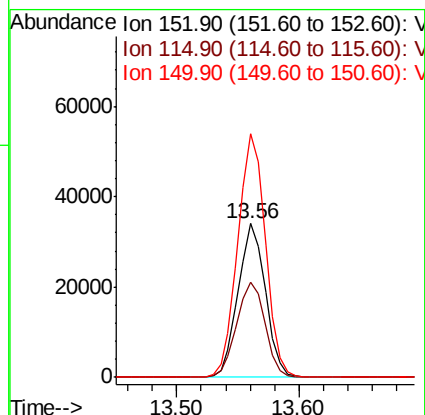
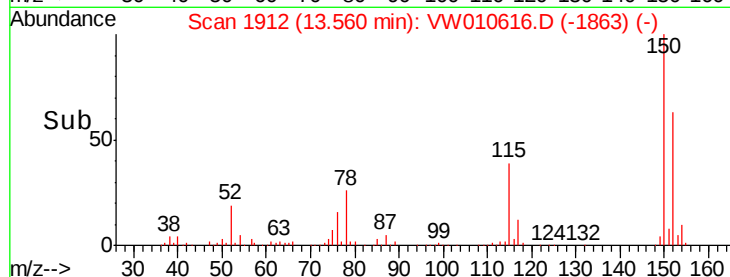
150 159.0 0.0 349.8



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: 54.920 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010616.D

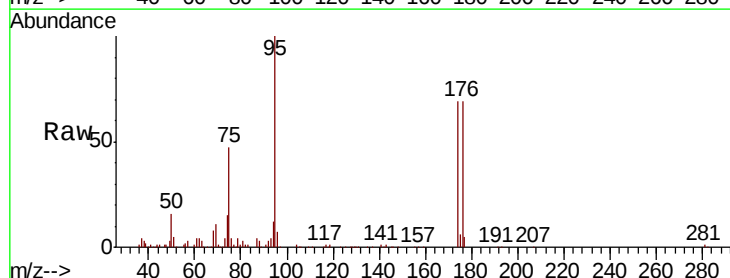
Acq: 30 May 2019 15:58

Tgt Ion: 75 Resp: 29494

Ion Ratio Lower Upper

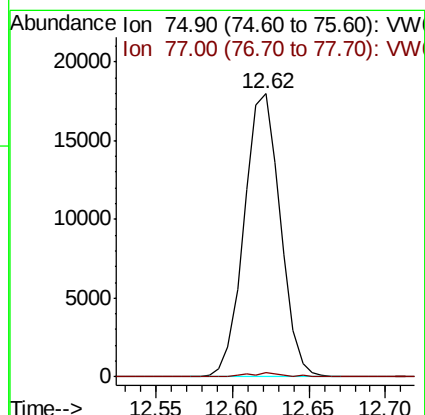
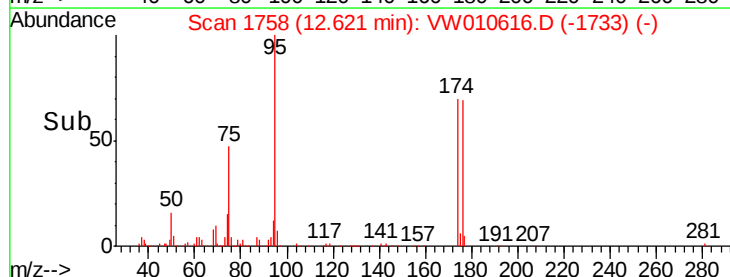
75 100

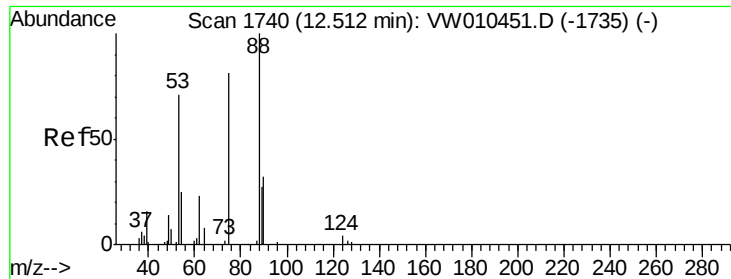
77 0.7 170.0 510.1#



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: 114.619 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010616.D
 Acq: 30 May 2019 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Tot Ion: 75 Resp: 29494
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.8 104.8#
 89 0.2 39.5 59.3#

