

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013407.D
 Acq On : 03 Oct 2019 05:55
 Operator : SY/VA
 Sample : K4660-01
 Misc : 4.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 08:05:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

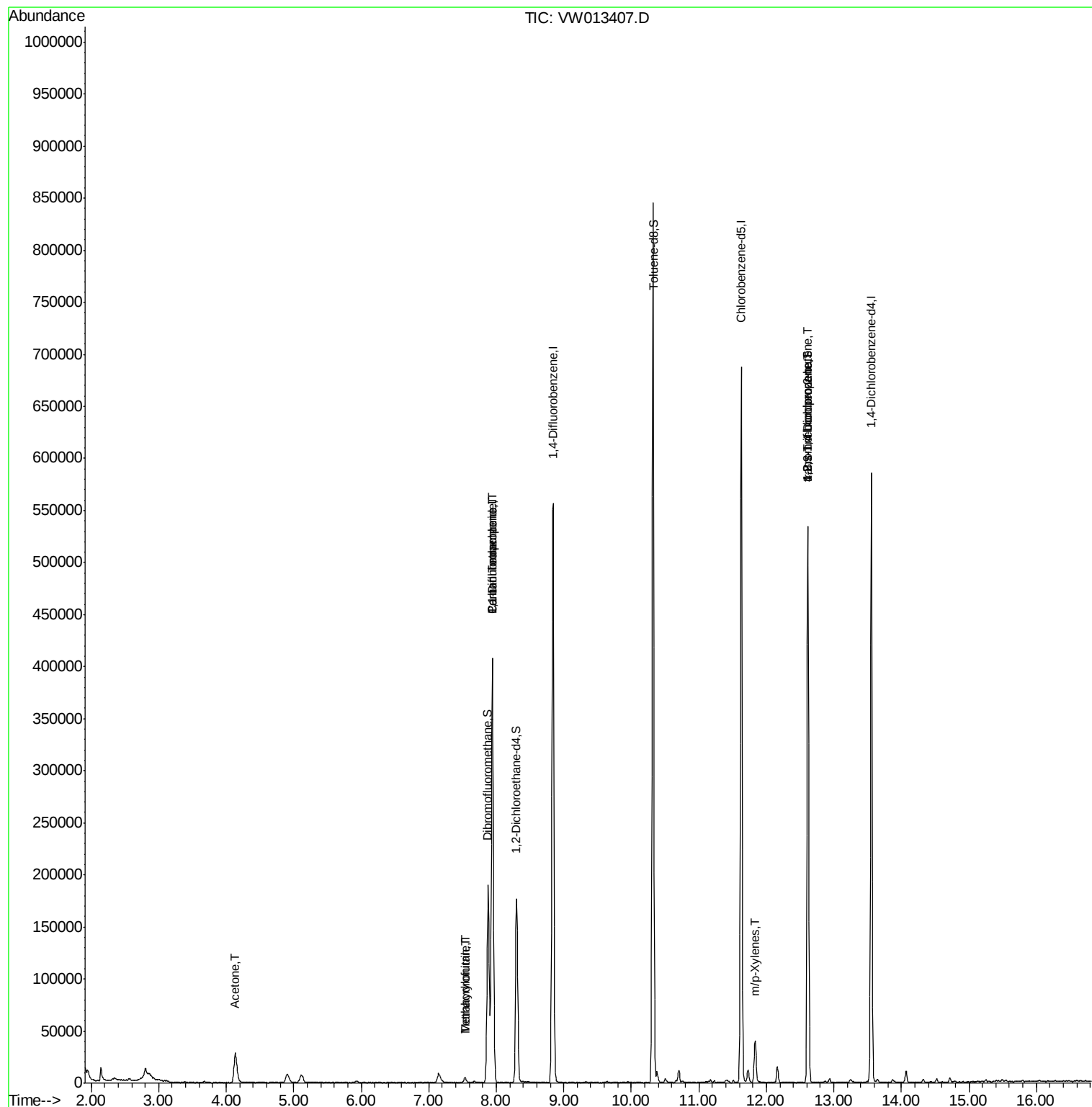
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	340290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	501518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140000	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
35) Dibromofluoromethane	7.88	113	140079	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.32	98	577733	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	168763	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	57422	73.730	ug/l	90
26) 2,2-Dichloropropane	7.14	77	663	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	4002	16.330	ug/l	94
36) 1,1-Dichloropropene	7.94	75	21704	4.659	ug/l #	47
38) Carbon Tetrachloride	7.95	117	28662	7.103	ug/l #	19
41) Methacrylonitrile	7.54	41	2514	2.028	ug/l #	45
68) m/p-Xylenes	11.83	106	12402	2.139	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	79684	54.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79684	110.509	ug/l #	12

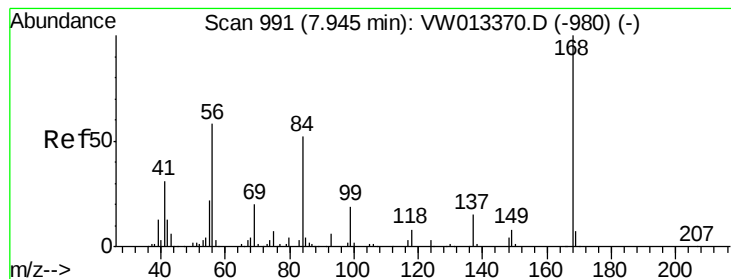
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
Data File : VW013407.D
Acq On : 03 Oct 2019 05:55
Operator : SY/VA
Sample : K4660-01
Misc : 4.34G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 03 07:09:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013407.D

Acq: 03 Oct 2019 05:55

Instrument :

MSVOA_W

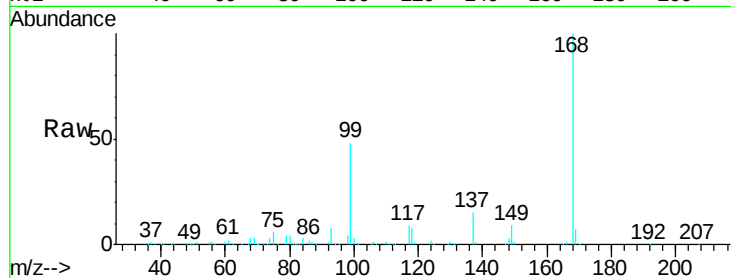
ClientSampled :

Tgt Ion: 168 Resp: 340290

Ion Ratio Lower Upper

168 100

99 48.1 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

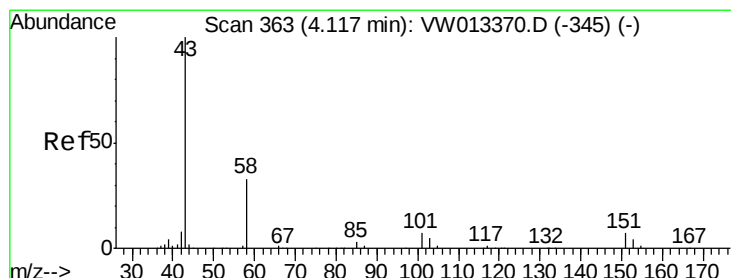
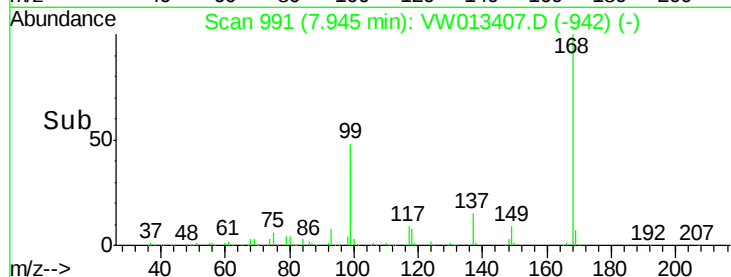
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 73.730 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013407.D

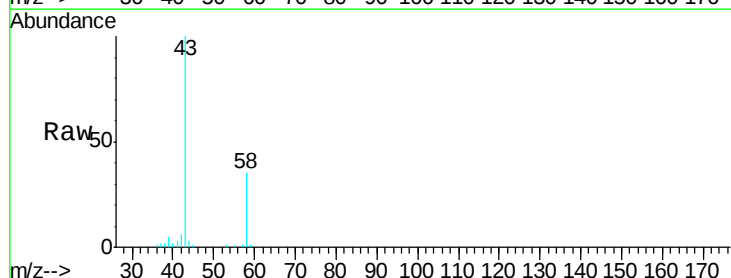
Acq: 03 Oct 2019 05:55

Tgt Ion: 43 Resp: 57422

Ion Ratio Lower Upper

43 100

58 35.4 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

20000

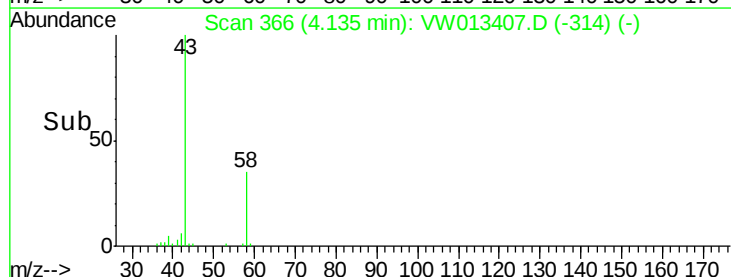
15000

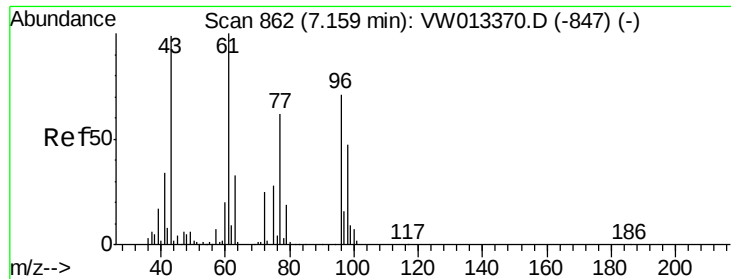
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

Instrument :

MSVOA_W

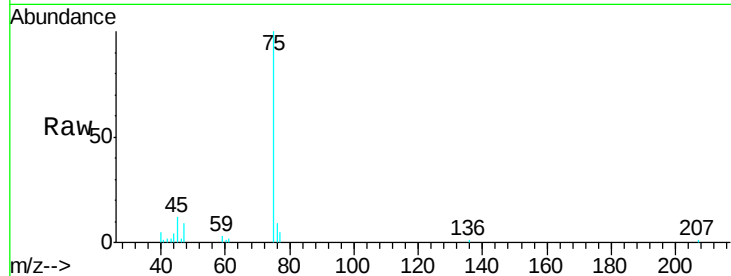
ClientSampled :

Tgt Ion: 77 Resp: 663

Ion Ratio Lower Upper

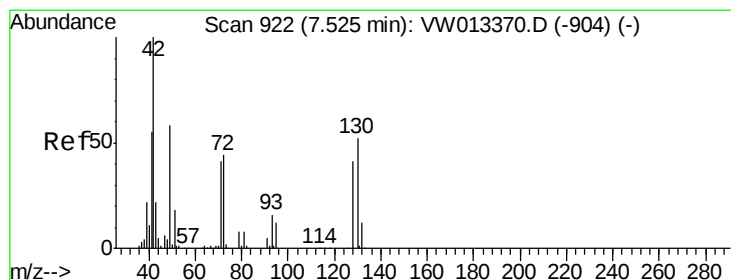
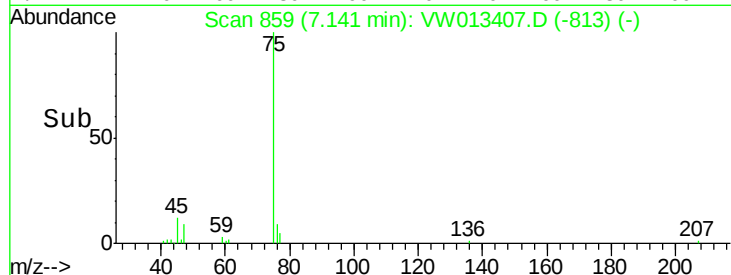
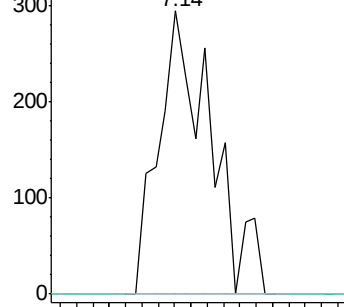
77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 16.330 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

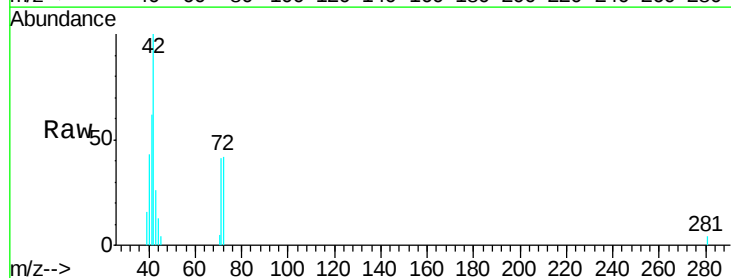
Tgt Ion: 42 Resp: 4002

Ion Ratio Lower Upper

42 100

72 38.9 33.9 50.9

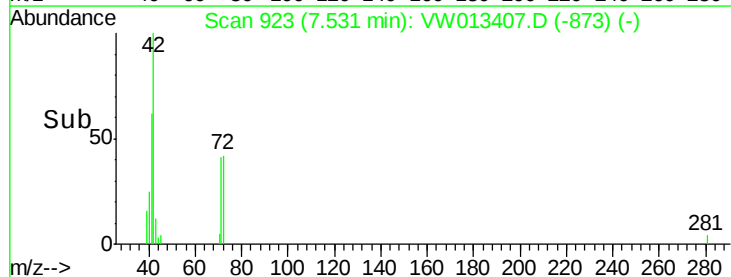
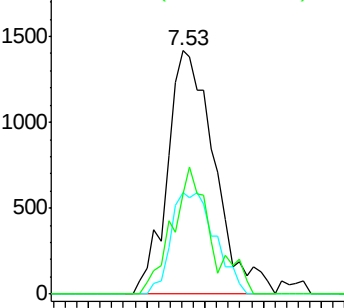
71 43.3 31.9 47.9

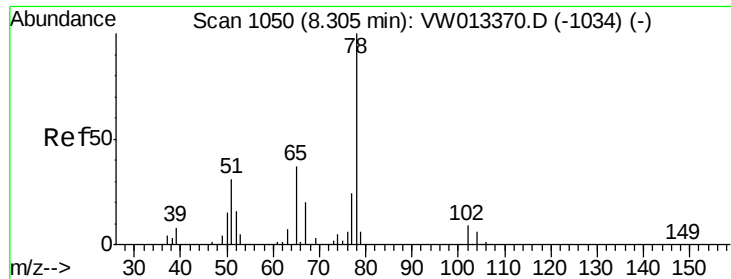


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 55.100 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

Instrument :

MSVOA_W

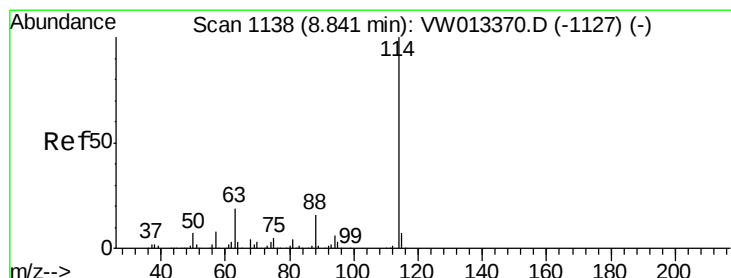
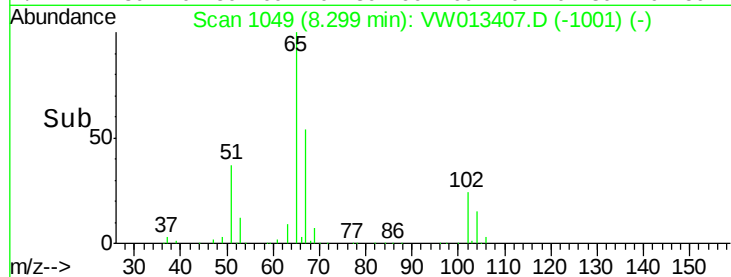
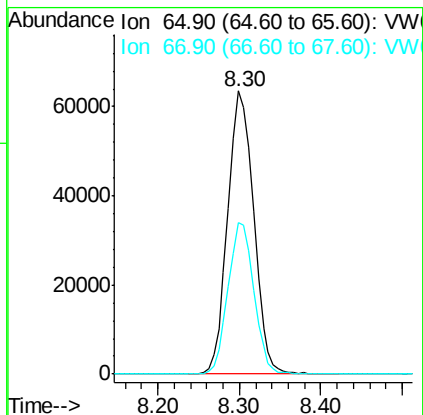
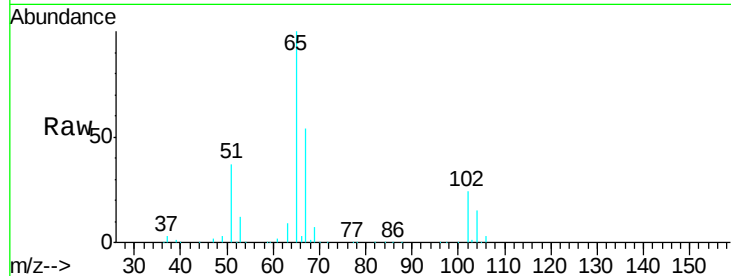
ClientSampleId :

Tgt Ion: 65 Resp: 140000

Ion Ratio Lower Upper

65 100

67 53.3 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: VW013407.D

Acq: 03 Oct 2019 05:55

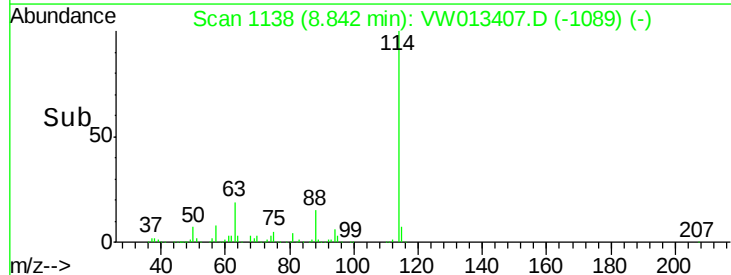
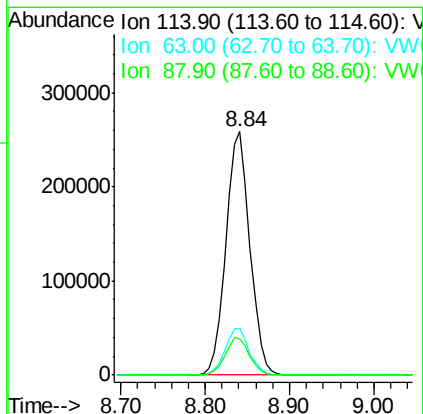
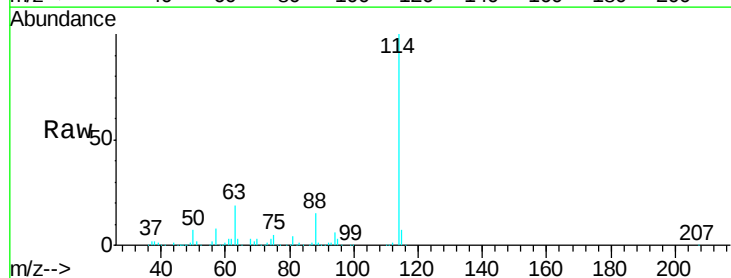
Tgt Ion: 114 Resp: 501518

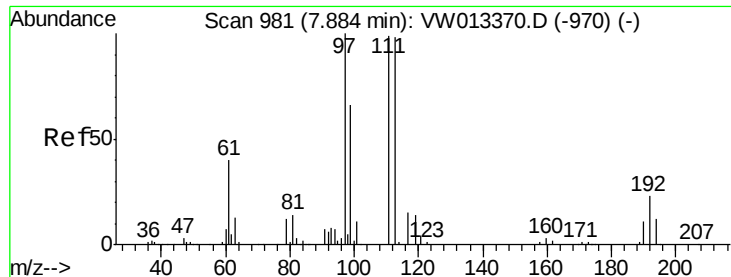
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.230 ug/l

RT: 7.88 min Scan# 980

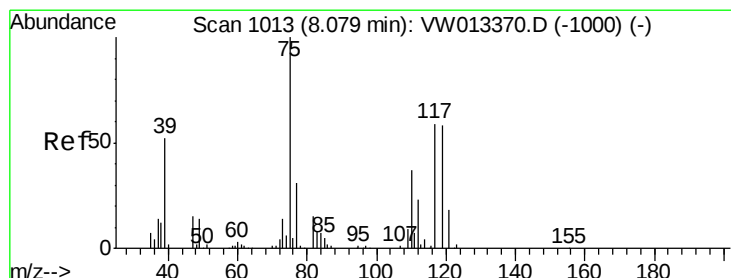
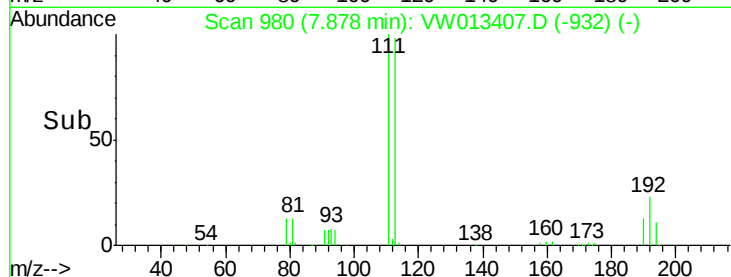
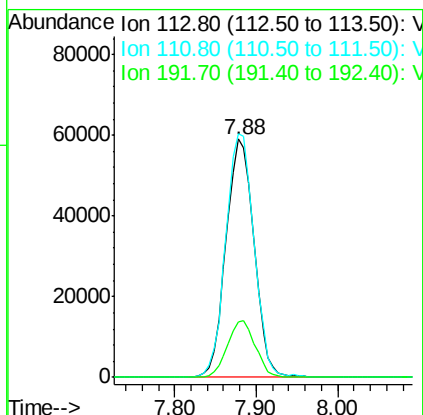
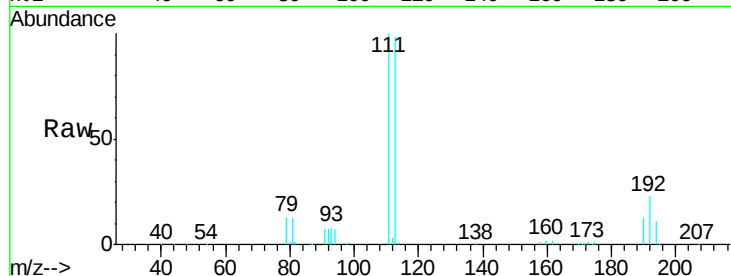
Delta R.T. -0.01 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	113	Resp:	140079
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	23.8	19.1	28.7



#36

1,1-Dichloropropene

Concen: 4.659 ug/l

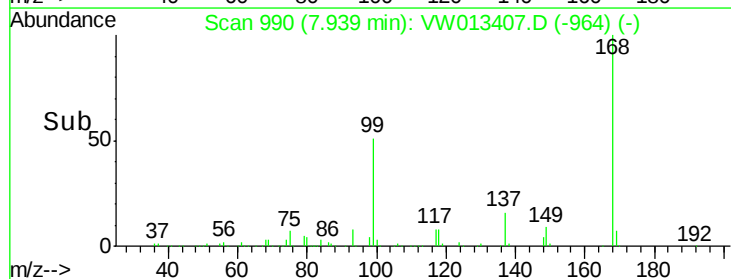
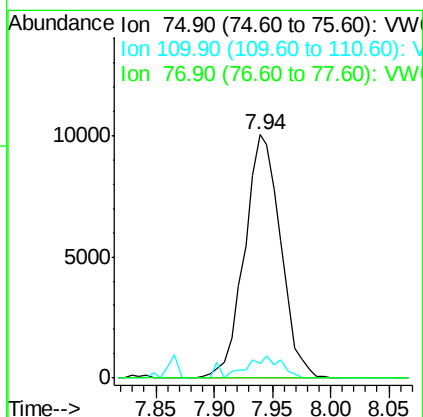
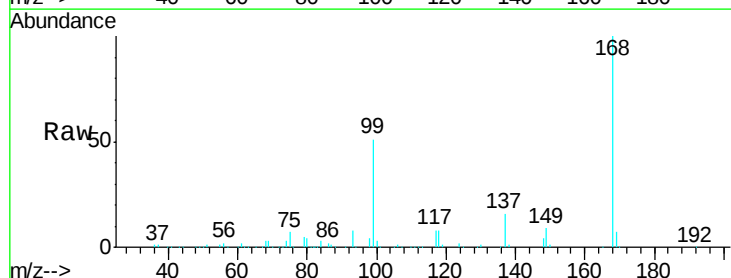
RT: 7.94 min Scan# 990

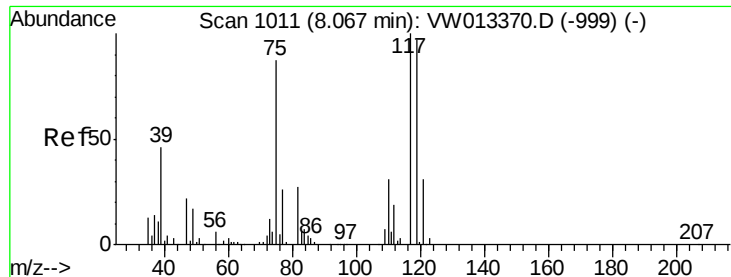
Delta R.T. -0.14 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

Tgt Ion:	75	Resp:	21704
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.3#
77	0.0	25.8	38.6#

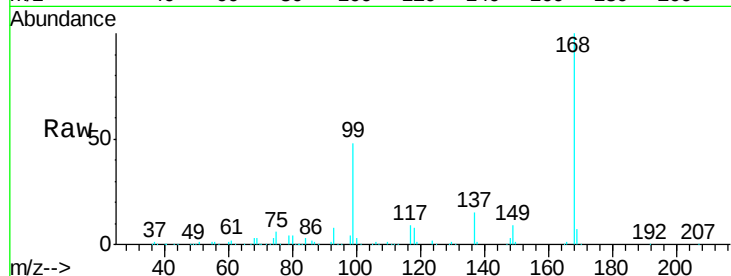




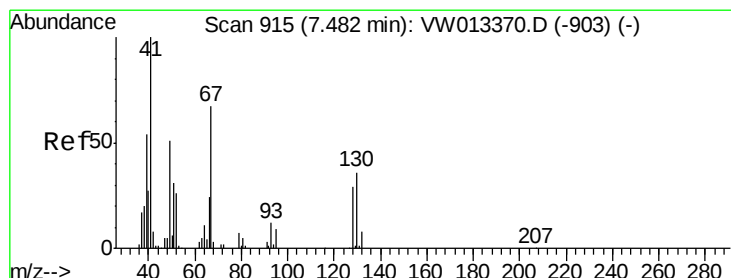
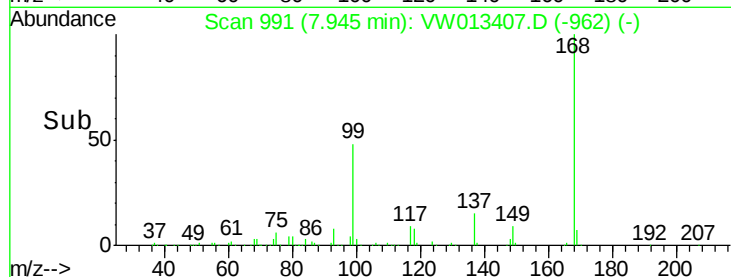
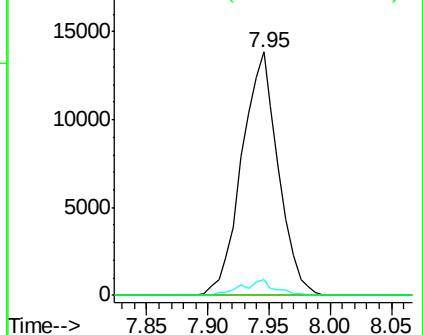
#38
Carbon Tetrachloride
Concen: 7.103 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 117 Resp: 28662
Ion Ratio Lower Upper
117 100
119 6.3 73.5 110.3#
121 0.0 25.0 37.6#

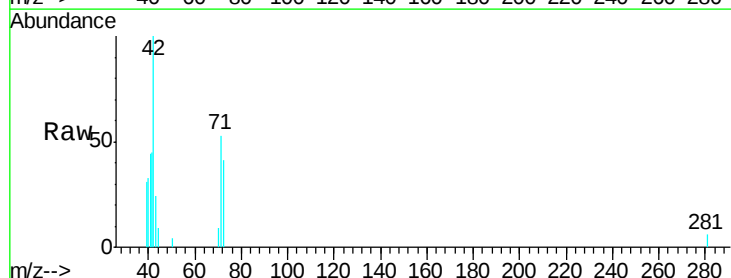


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

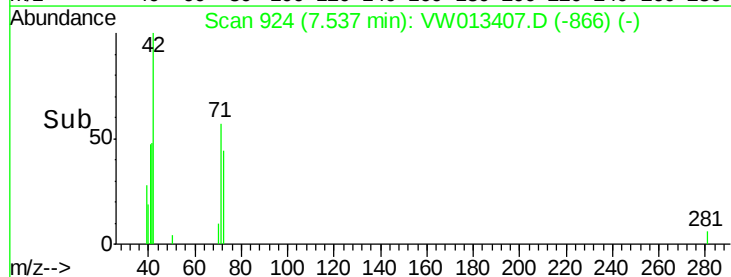
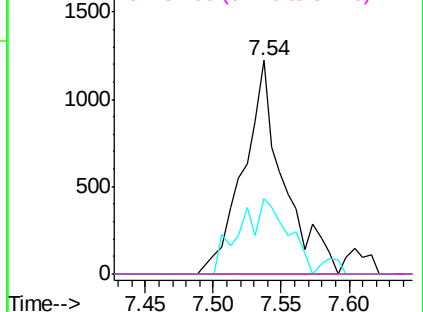


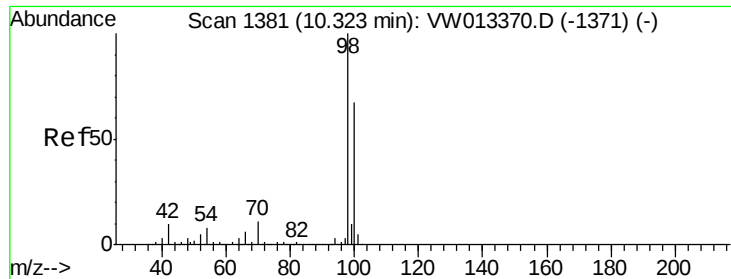
#41
Methacrylonitrile
Concen: 2.028 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Tgt Ion: 41 Resp: 2514
Ion Ratio Lower Upper
41 100
39 42.2 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

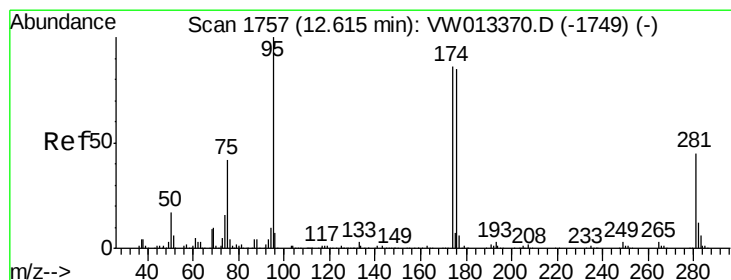
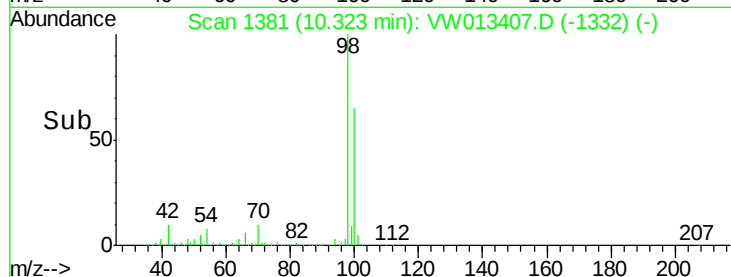
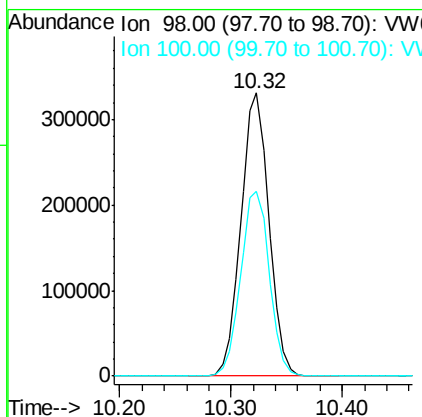
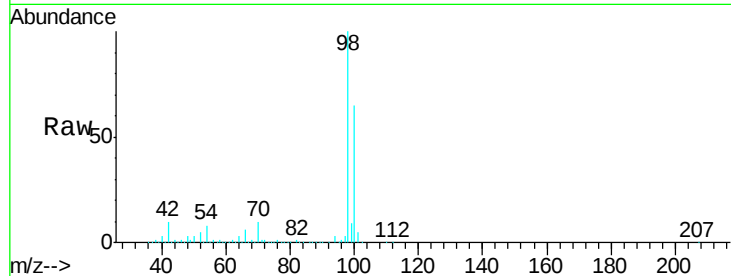




#50
Toluene-d8
Concen: 52.903 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

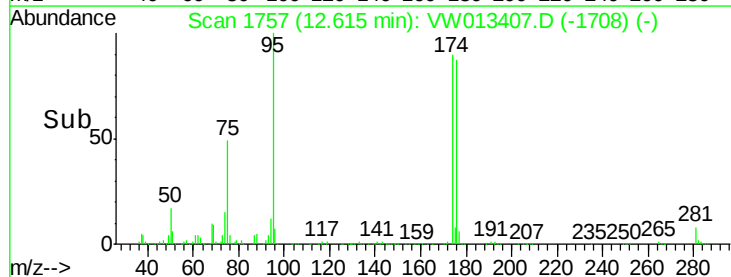
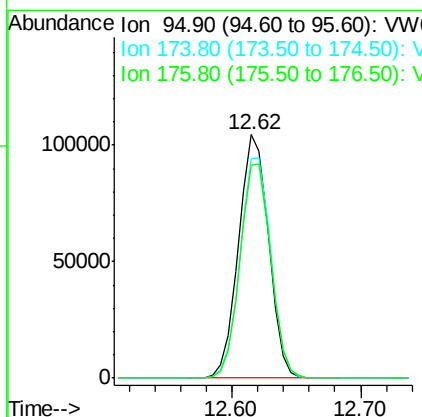
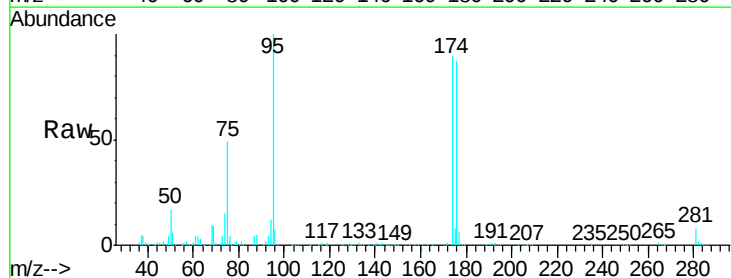
Instrument :
MSVOA_W
ClientSampleId :

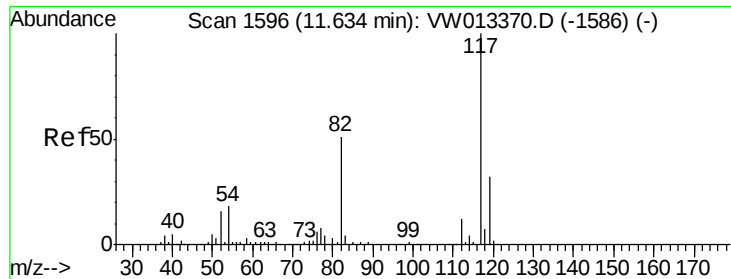
Tgt Ion: 98 Resp: 577733
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.277 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Tgt Ion: 95 Resp: 168763
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.4
176 89.5 0.0 172.2

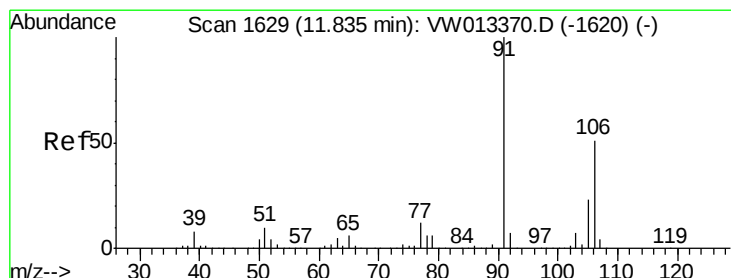
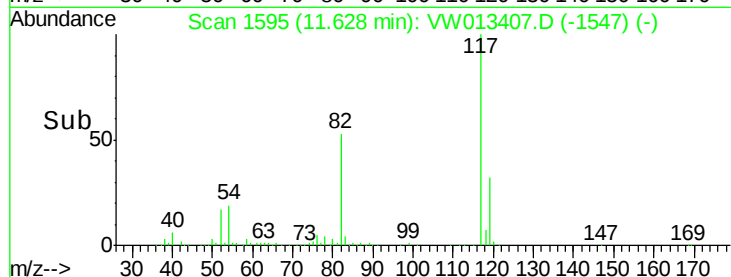
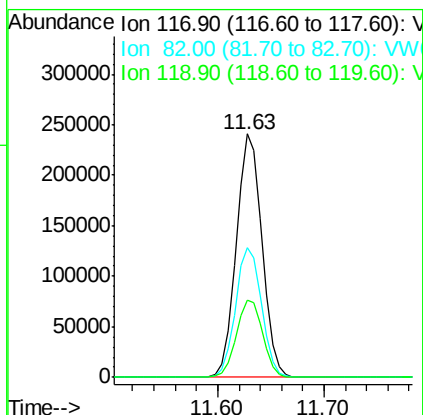
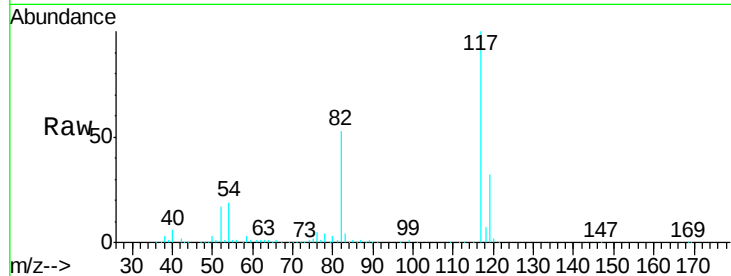




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

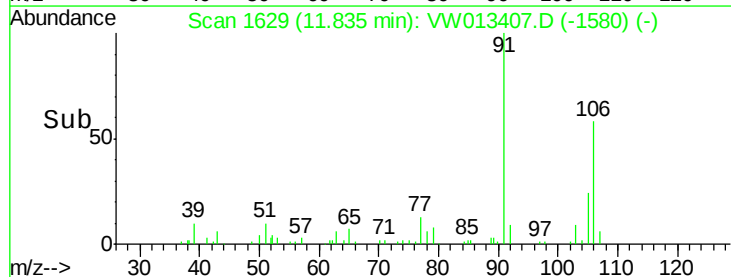
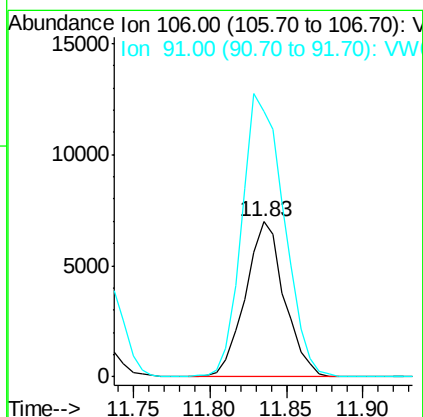
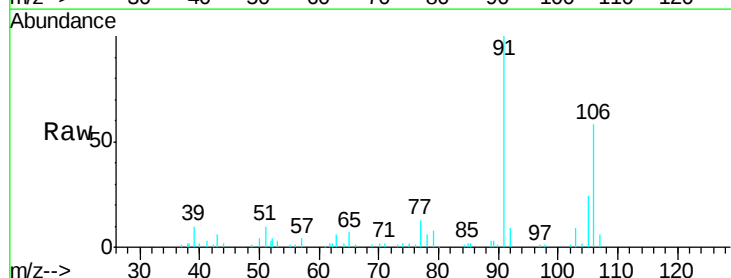
Instrument :
MSVOA_W
ClientSampleId :

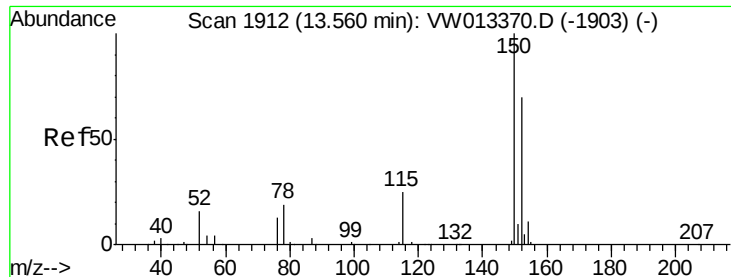
Tgt Ion:117 Resp: 409047
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 2.139 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Tgt Ion:106 Resp: 12402
Ion Ratio Lower Upper
106 100
91 196.3 157.9 236.9



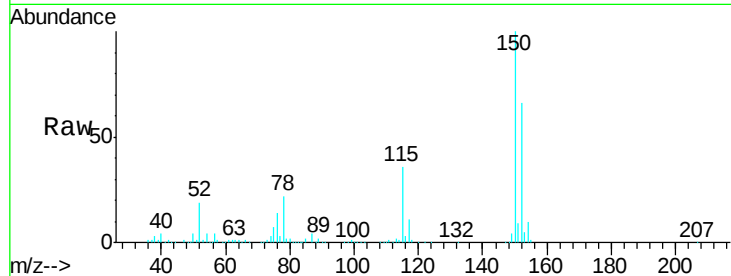


#72

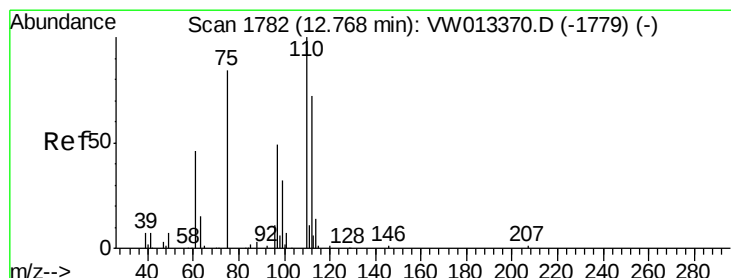
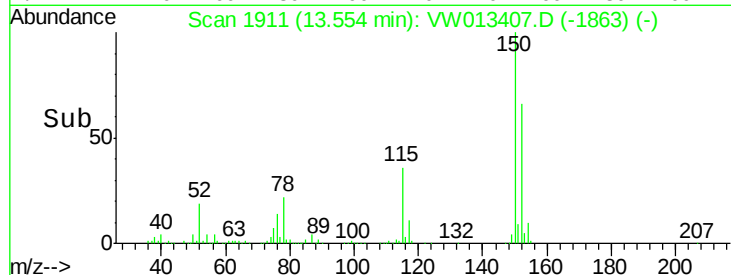
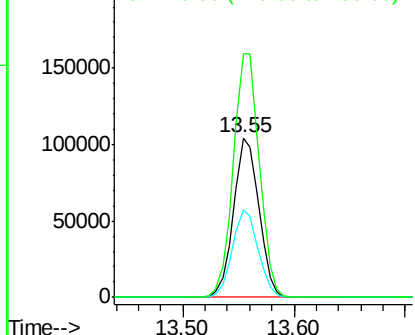
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:152 Resp: 164274
Ion Ratio Lower Upper
152 100
115 55.7 27.3 81.9
150 156.6 0.0 349.0



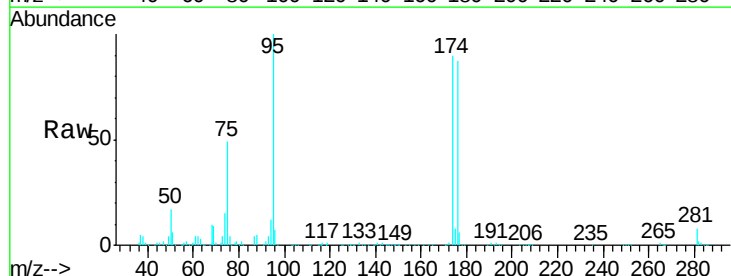
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



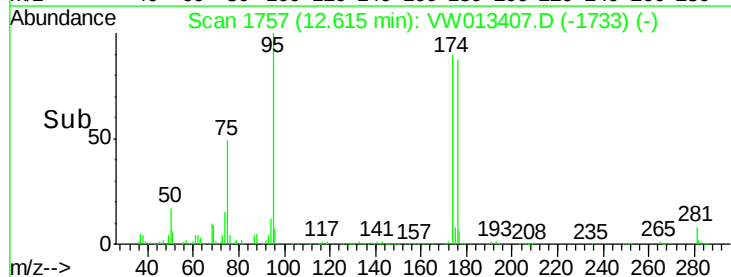
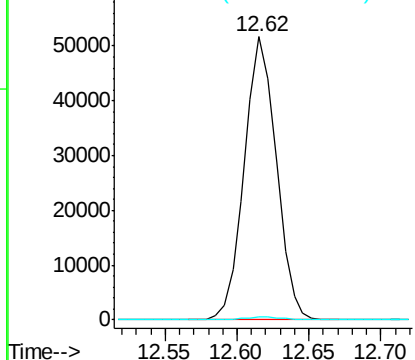
#76

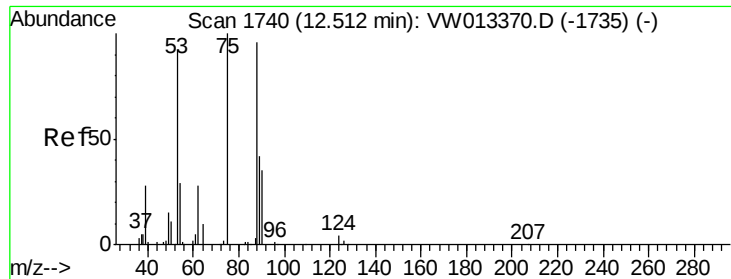
1,2,3-Trichloropropane
Concen: 54.577 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013407.D
Acq: 03 Oct 2019 05:55

Tgt Ion: 75 Resp: 79684
Ion Ratio Lower Upper
75 100
77 1.2 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: 110.509 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013407.D

Acq: 03 Oct 2019 05:55

Instrument :

MSVOA_W

ClientSampleId :

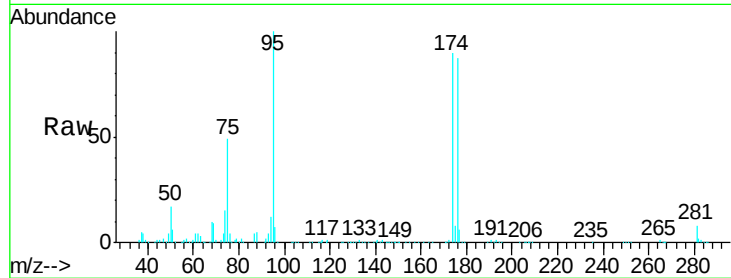
Tgt Ion: 75 Resp: 79684

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 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

