

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013405.D
 Acq On : 03 Oct 2019 05:03
 Operator : SY/VA
 Sample : K5144-01
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 08:05:29 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

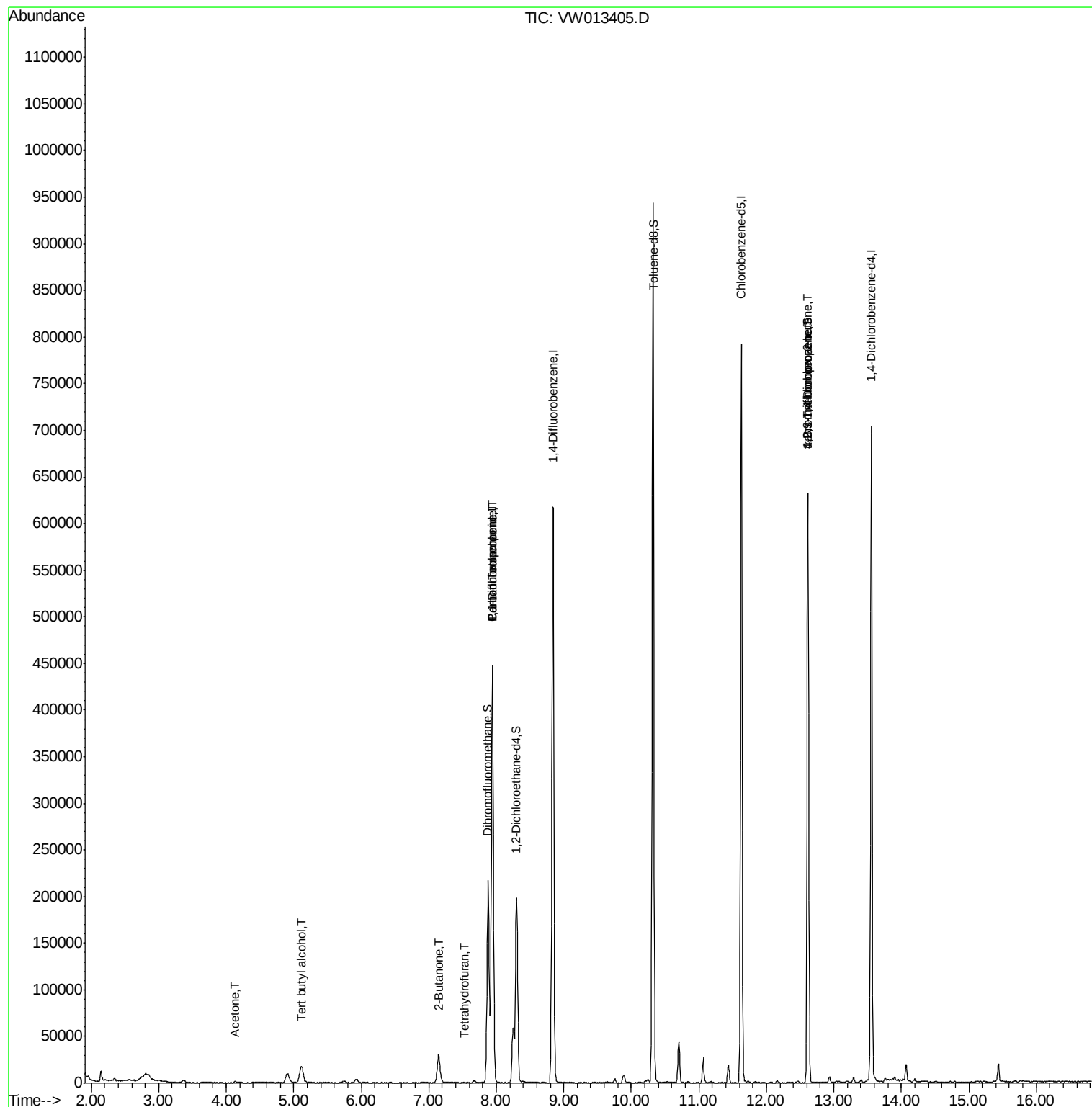
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	378784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	568540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	201862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	154767	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	156520	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	648798	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	197864	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.10	59	17471	52.661	ug/l #	74
16) Acetone	4.13	43	1097	1.265	ug/l #	57
25) 2-Butanone	7.15	43	1805	1.627	ug/l	92
26) 2,2-Dichloropropane	7.15	77	2105	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	29	9.737	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	24978	4.730	ug/l #	49
38) Carbon Tetrachloride	7.94	117	32502	7.105	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	92518	51.568	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92518	104.648	ug/l #	12

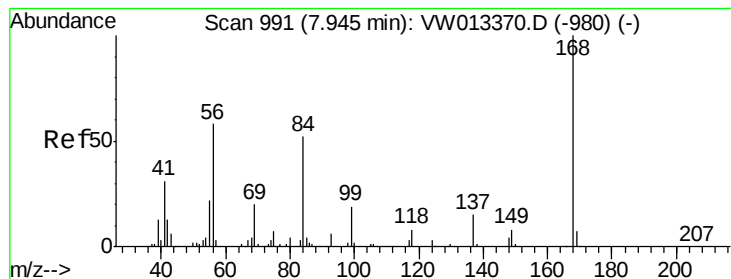
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 08:05:29 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: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

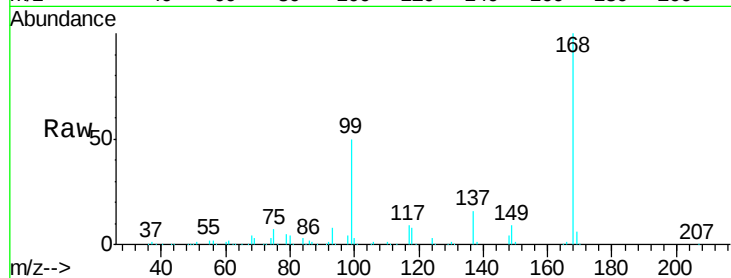
ClientSampled :

Tgt Ion: 168 Resp: 378784

Ion Ratio Lower Upper

168 100

99 50.2 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

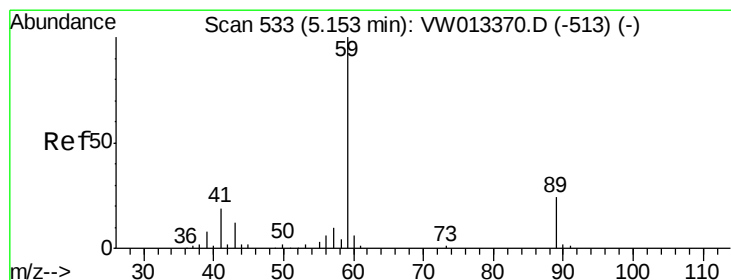
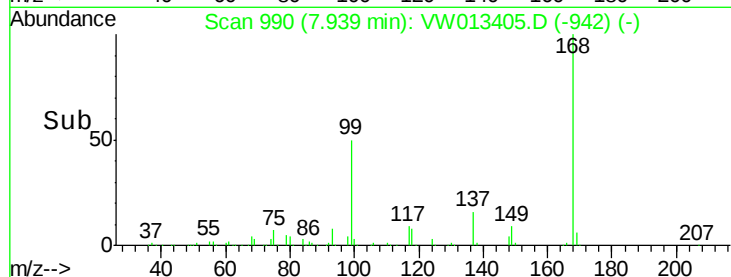
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 52.661 ug/l

RT: 5.10 min Scan# 525

Delta R.T. -0.05 min

Lab File: VW013405.D

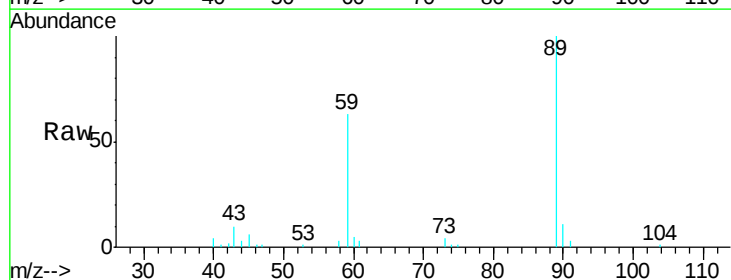
Acq: 03 Oct 2019 05:03

Tgt Ion: 59 Resp: 17471

Ion Ratio Lower Upper

59 100

57 0.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.10

5000

4000

3000

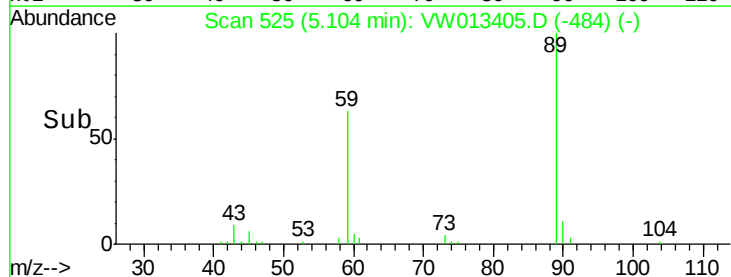
2000

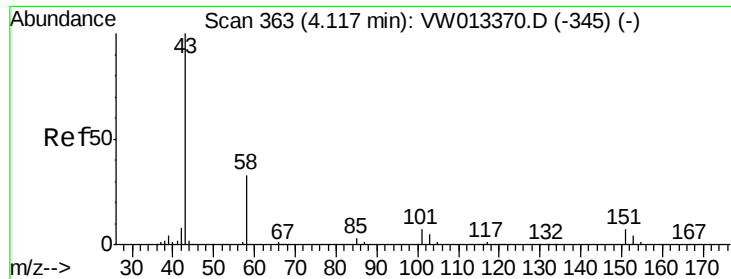
1000

0

5.00 5.10 5.20

Time-->





#16

Acetone

Concen: 1.265 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

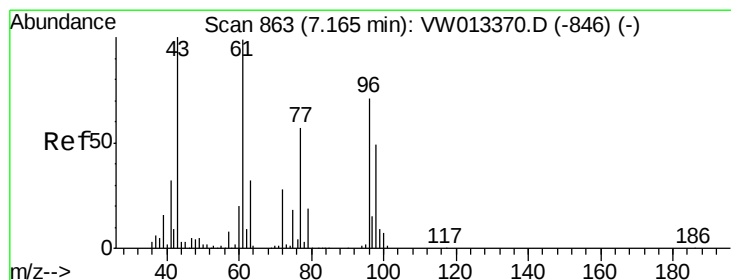
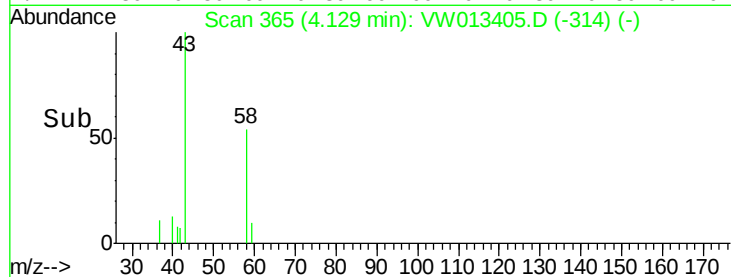
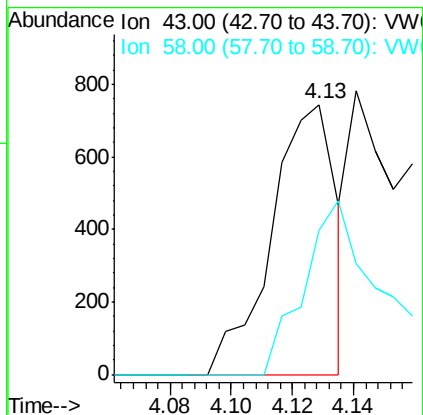
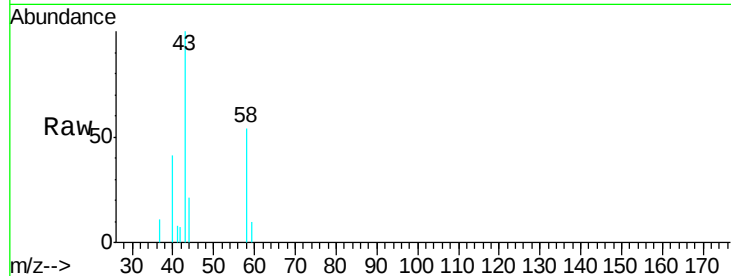
ClientSampleId :

Tgt Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 53.6 24.1 36.1#



#25

2-Butanone

Concen: 1.627 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013405.D

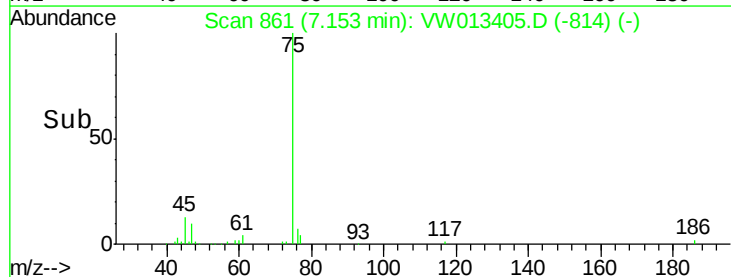
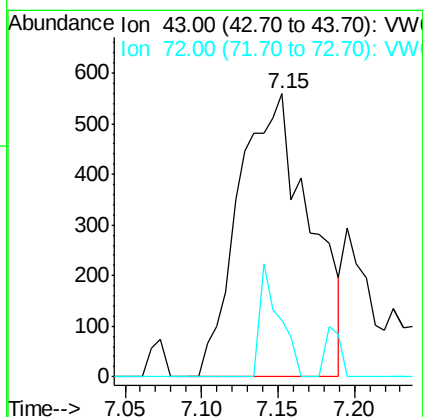
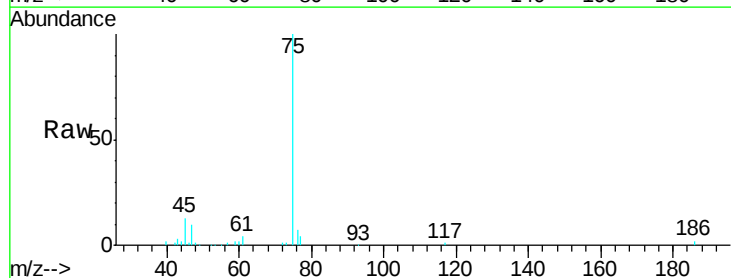
Acq: 03 Oct 2019 05:03

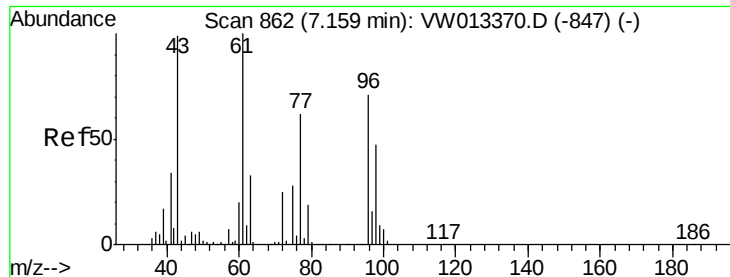
Tgt Ion: 43 Resp: 1805

Ion Ratio Lower Upper

43 100

72 20.2 19.4 29.0

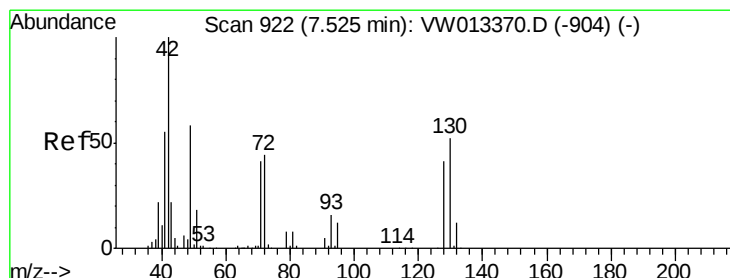
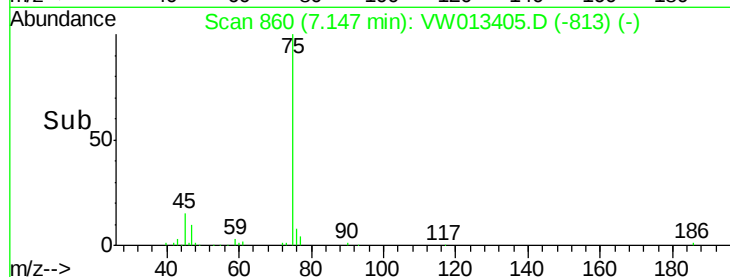
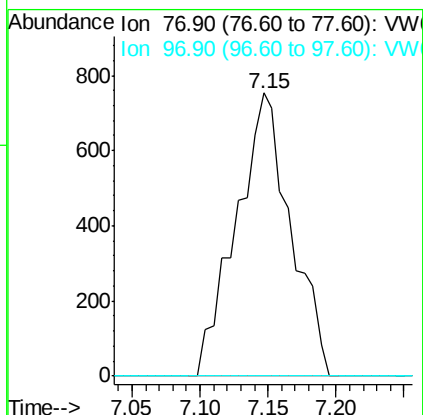
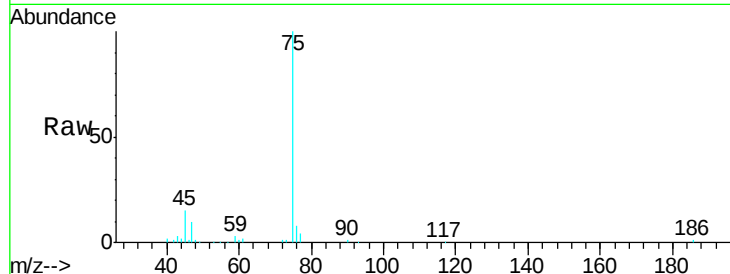




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VW013405.D
 Acq: 03 Oct 2019 05:03

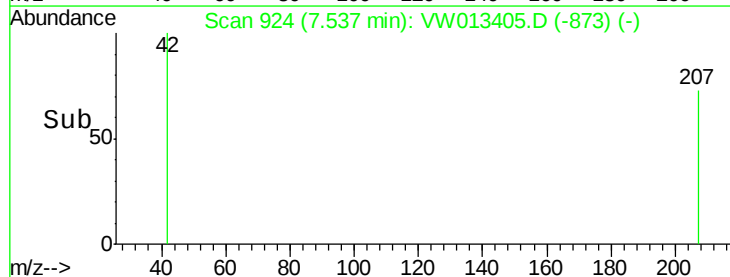
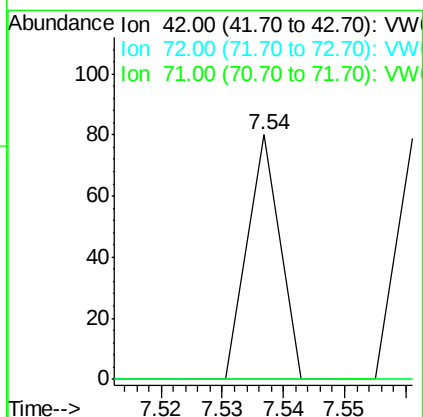
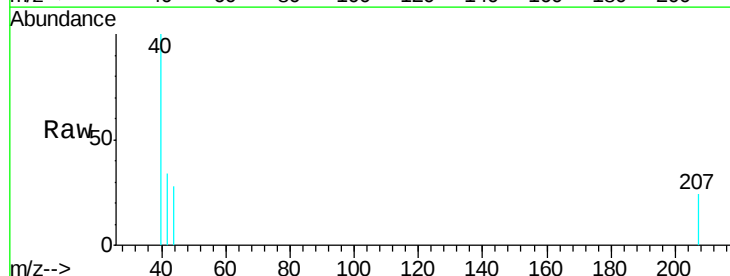
Instrument :
 MSVOA_W
 ClientSampled :

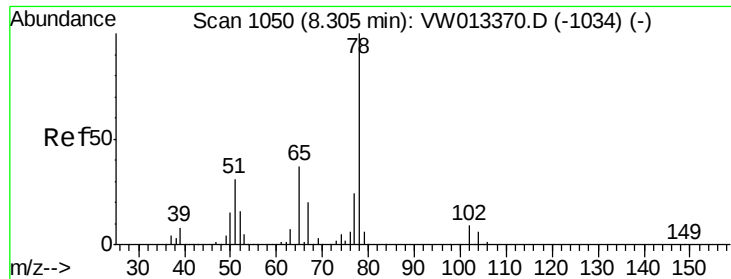
Tgt Ion: 77 Resp: 2105
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.737 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW013405.D
 Acq: 03 Oct 2019 05:03

Tgt Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.9 50.9#
 71 0.0 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 54.721 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

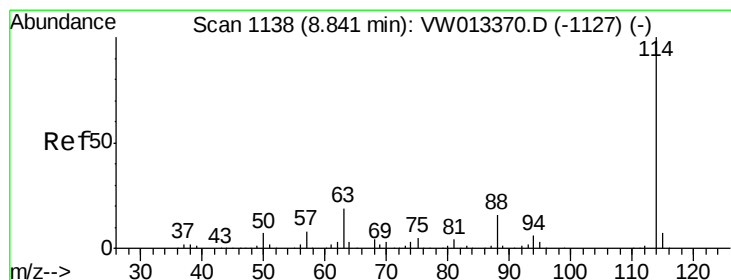
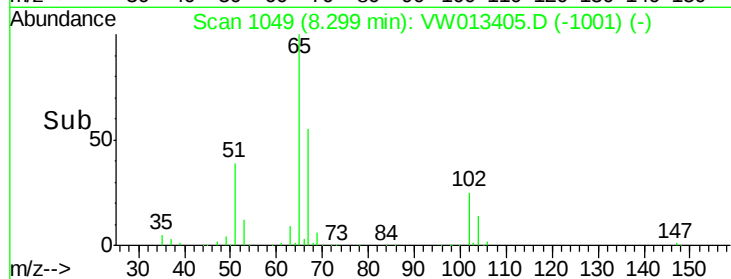
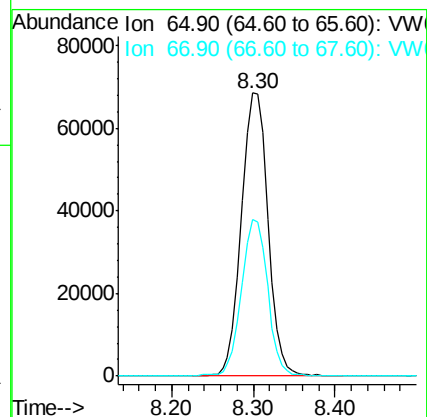
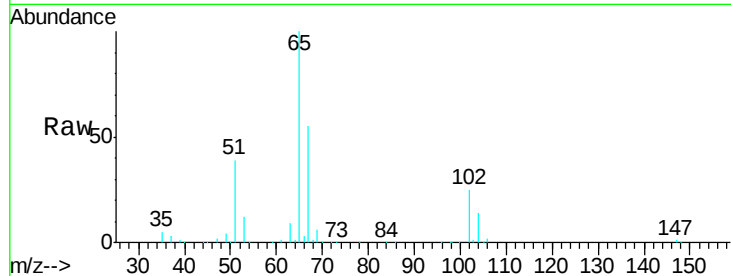
ClientSampleId :

Tgt Ion: 65 Resp: 154767

Ion Ratio Lower Upper

65 100

67 54.8 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: VW013405.D

Acq: 03 Oct 2019 05:03

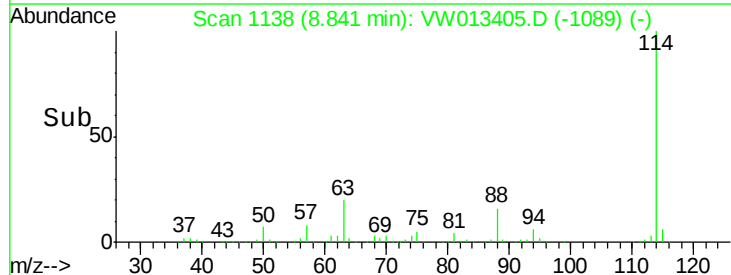
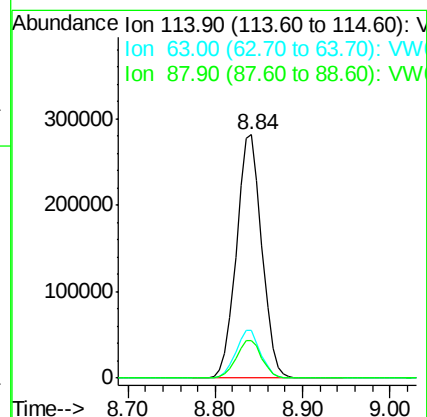
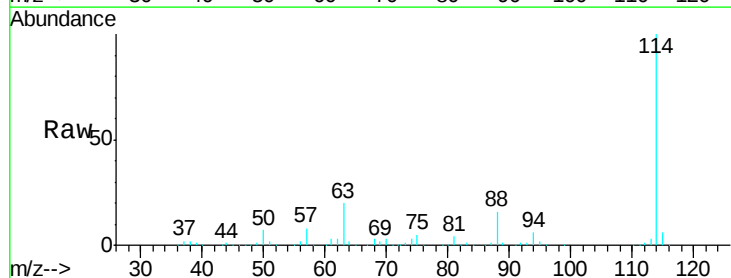
Tgt Ion: 114 Resp: 568540

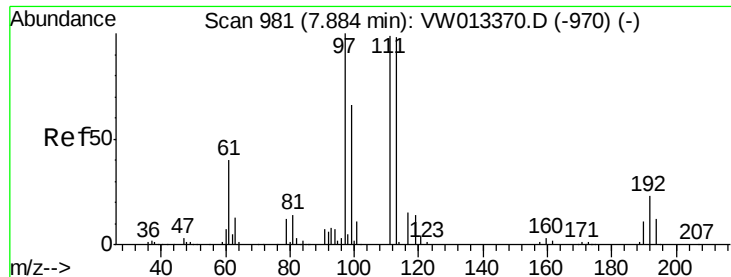
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.466 ug/l

RT: 7.88 min Scan# 980

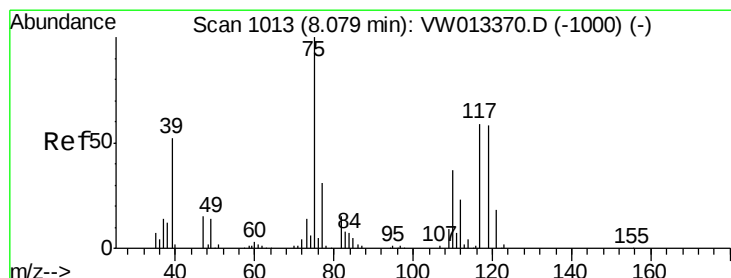
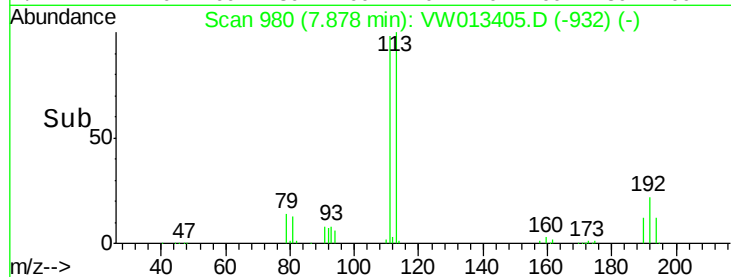
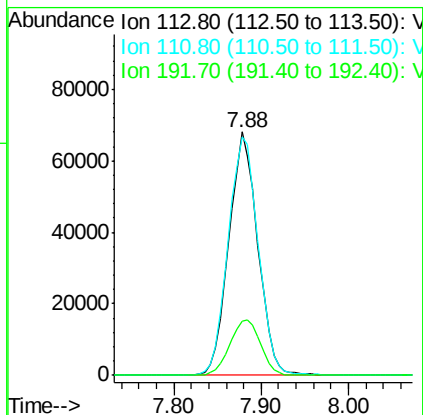
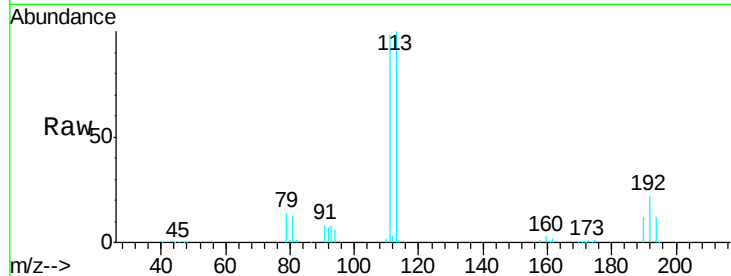
Delta R.T. -0.01 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	113	Resp:	156520
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	24.1	19.1	28.7



#36

1,1-Dichloropropene

Concen: 4.730 ug/l

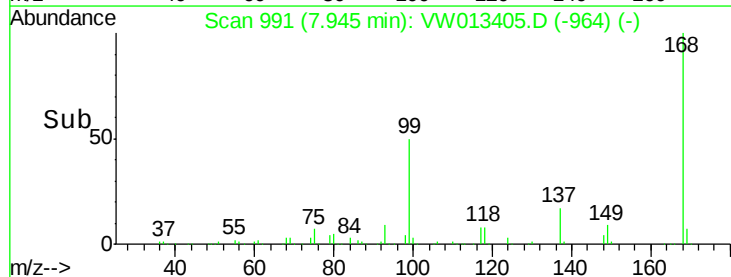
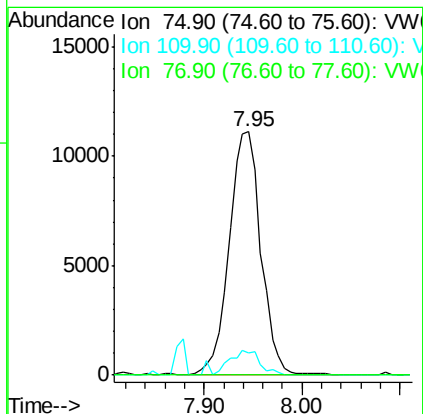
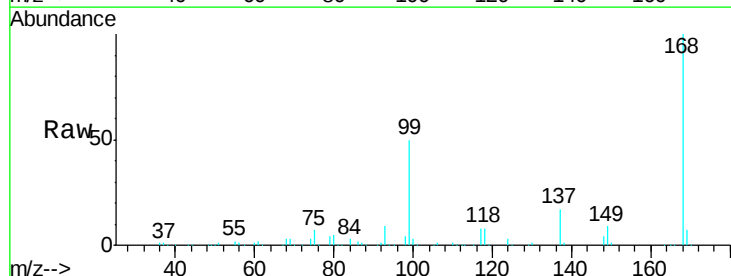
RT: 7.95 min Scan# 991

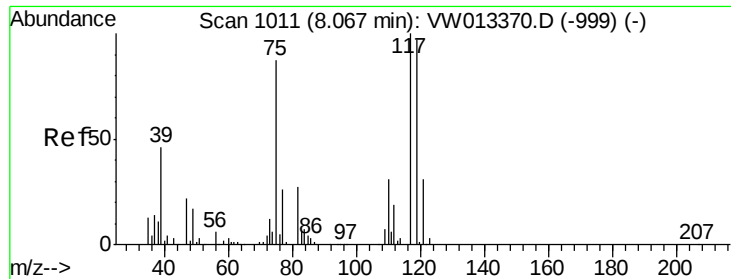
Delta R.T. -0.13 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Tgt Ion:	75	Resp:	24978
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.3#
77	0.0	25.8	38.6#

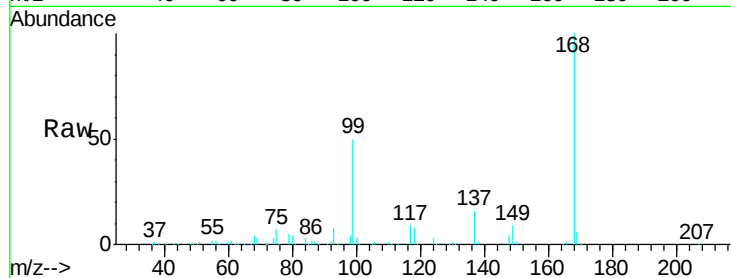




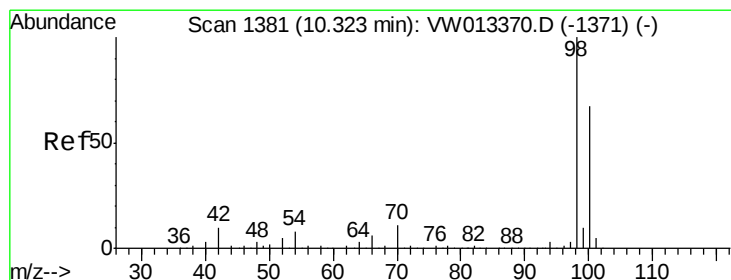
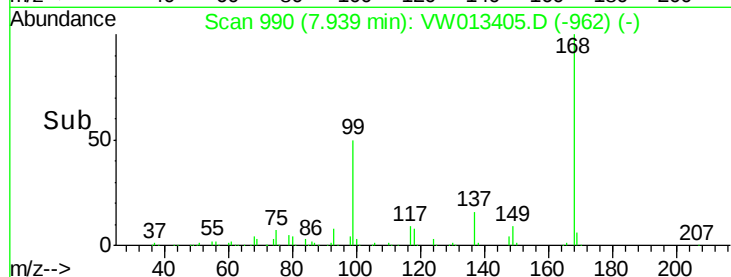
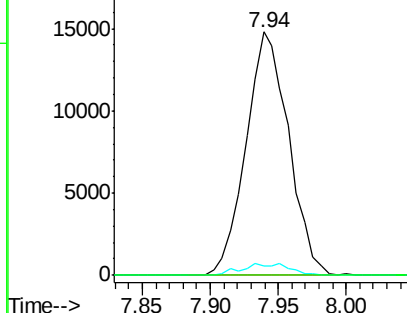
#38
Carbon Tetrachloride
Concen: 7.105 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013405.D
Acq: 03 Oct 2019 05:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 117 Resp: 32502
Ion Ratio Lower Upper
117 100
119 3.8 73.5 110.3#
121 0.0 25.0 37.6#

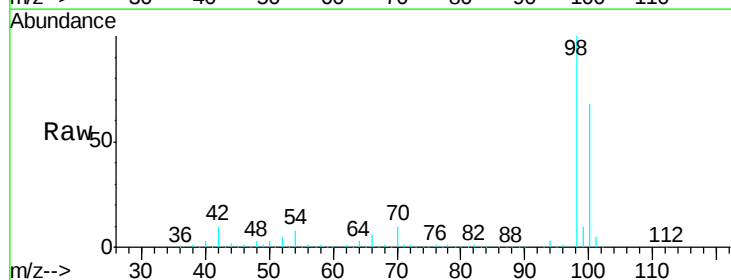


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

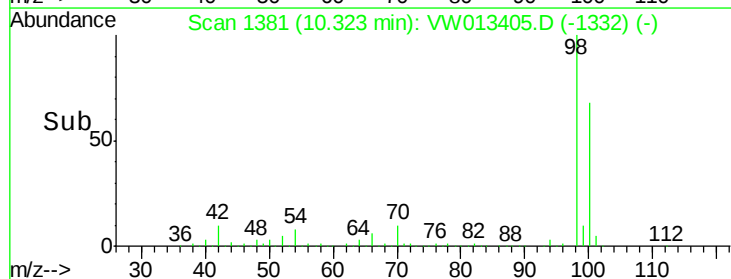
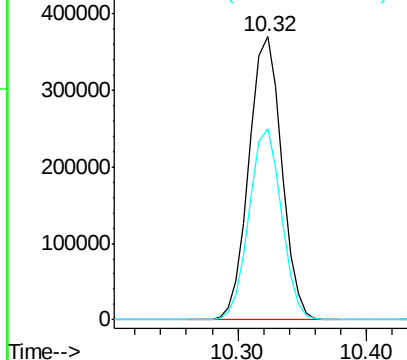


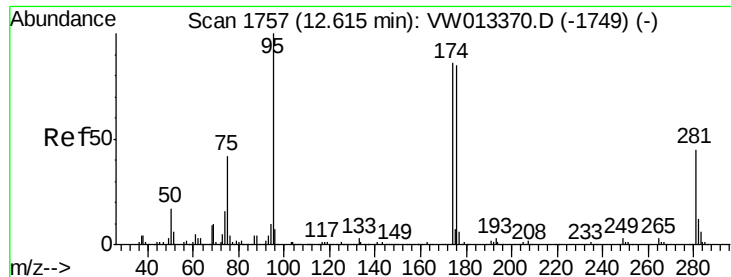
#50
Toluene-d8
Concen: 52.407 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013405.D
Acq: 03 Oct 2019 05:03

Tgt Ion: 98 Resp: 648798
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.861 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

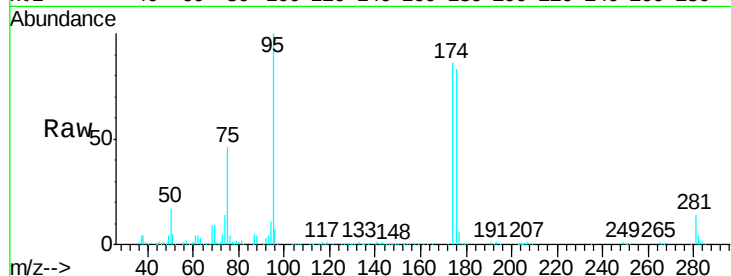
Tgt Ion: 95 Resp: 197864

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.4

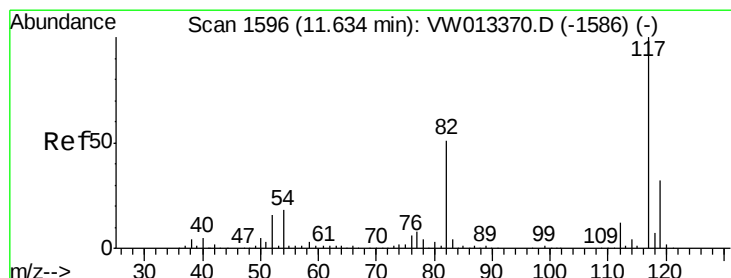
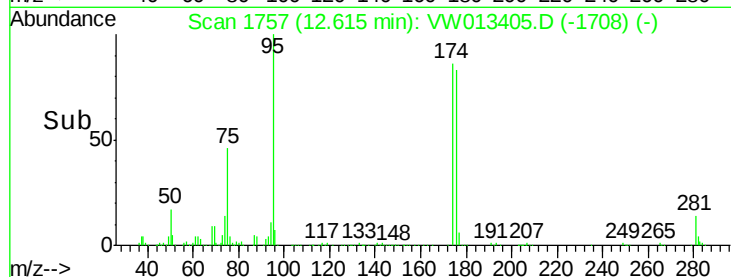
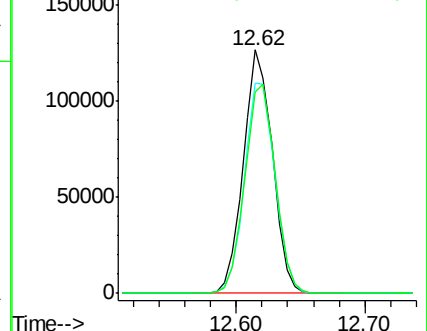
176 89.7 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

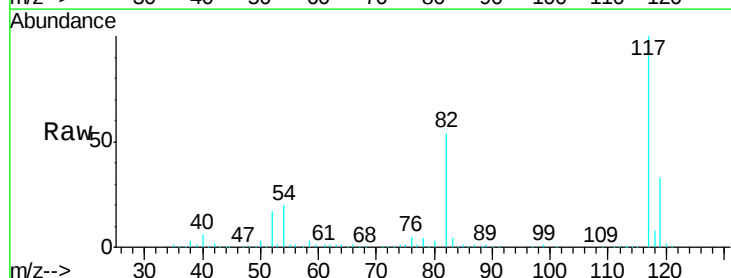
Tgt Ion: 117 Resp: 468152

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

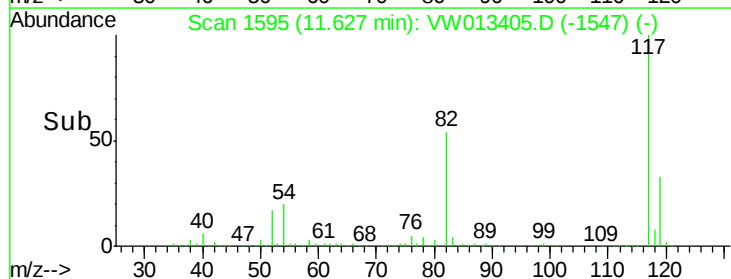
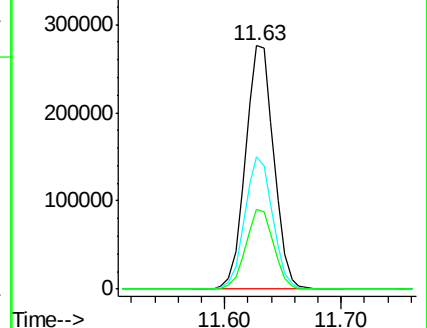
119 32.5 26.2 39.2

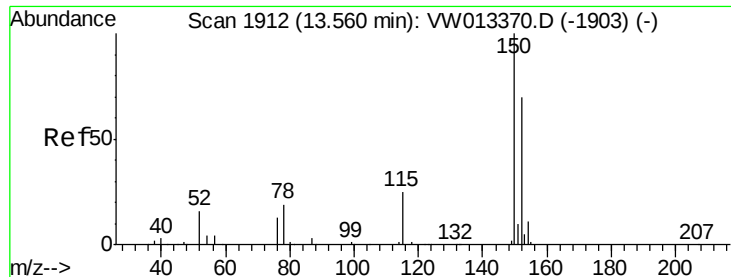


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

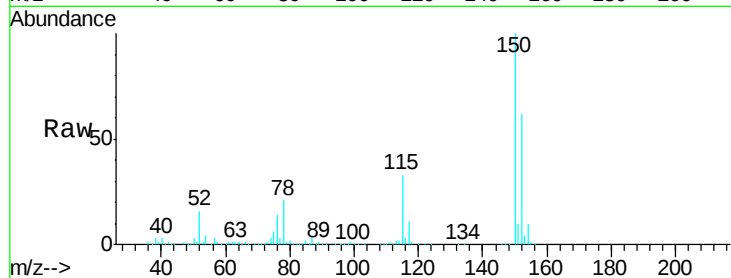
Tgt Ion:152 Resp: 201862

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.9

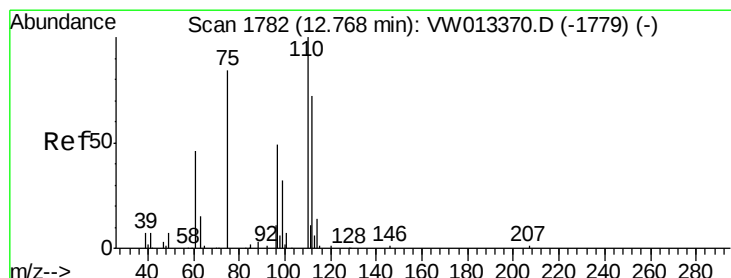
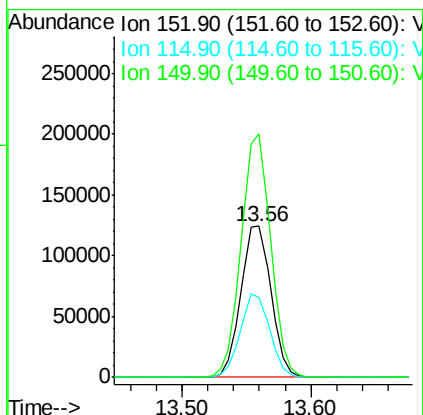
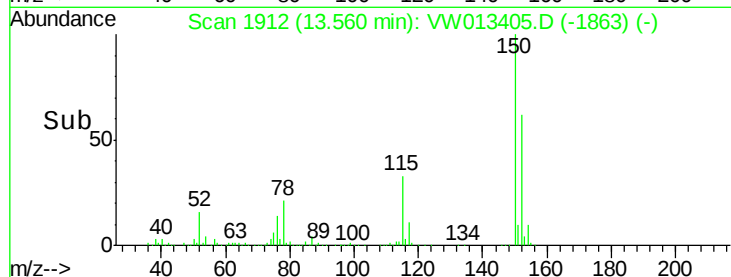
150 157.2 0.0 349.0



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: 51.568 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013405.D

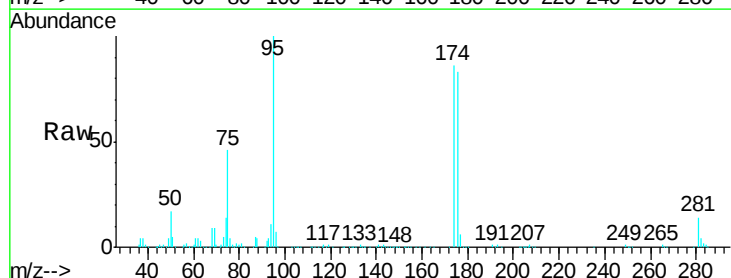
Acq: 03 Oct 2019 05:03

Tgt Ion: 75 Resp: 92518

Ion Ratio Lower Upper

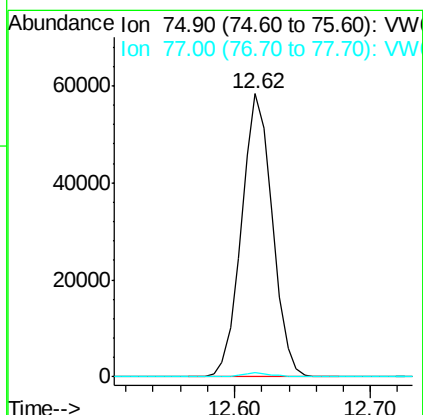
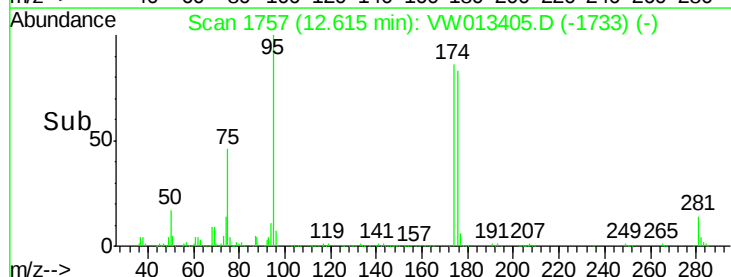
75 100

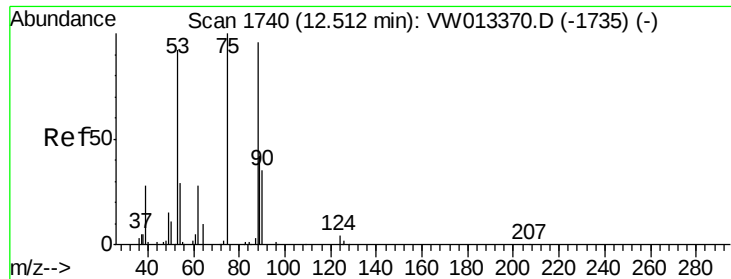
77 1.4 0.0 0.0#



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: 104.648 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013405.D

Acq: 03 Oct 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75 Resp: 92518

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.1 33.5 50.3#

