

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013404.D
 Acq On : 03 Oct 2019 04:37
 Operator : SY/VA
 Sample : K5165-01
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NBP-2019

Quant Time: Oct 03 07:08:39 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

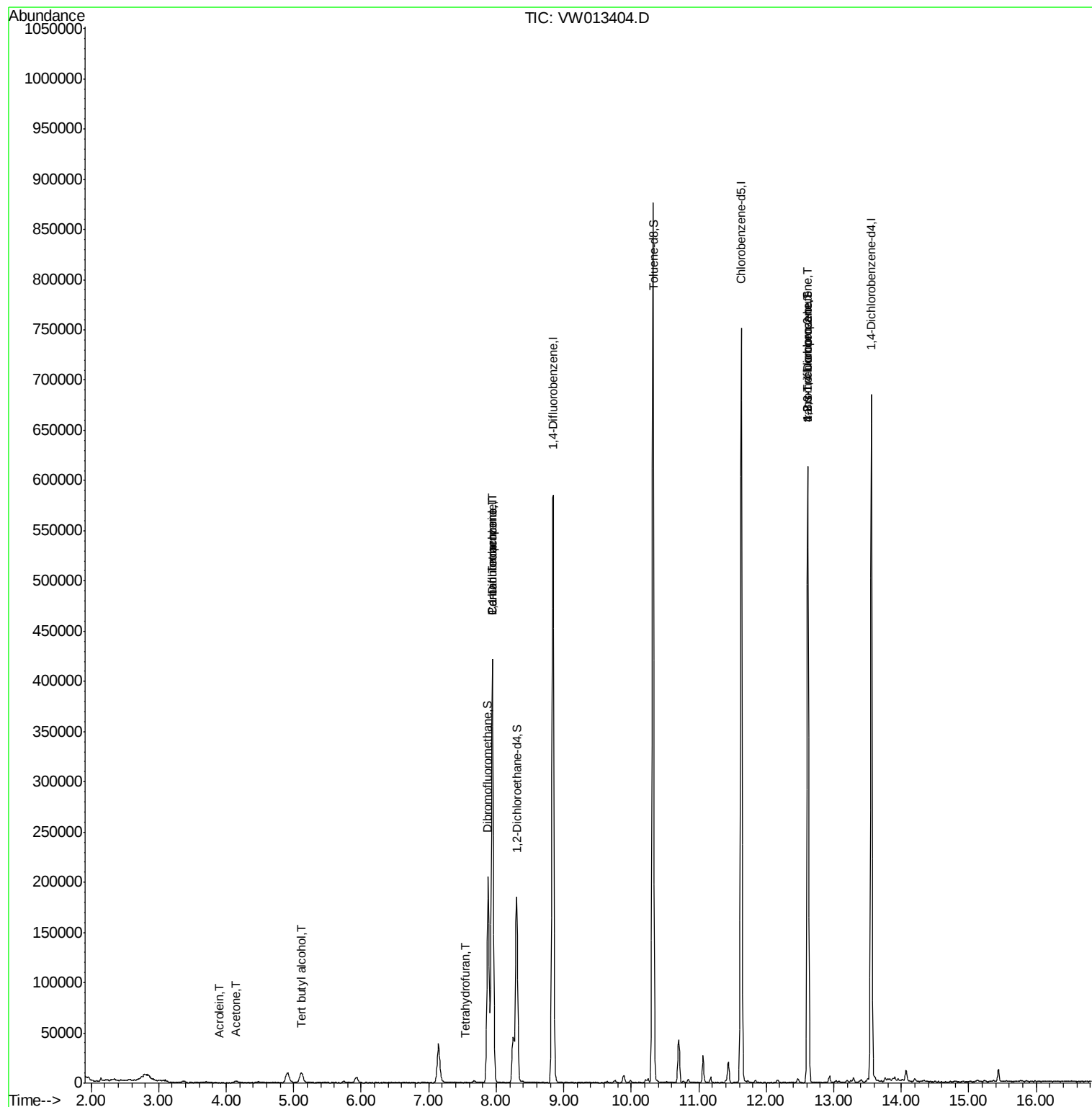
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	531507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144563	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	149020	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
50) Toluene-d8	10.32	98	610347	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	190594	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.10	59	10125	17.580	ug/l #	73
13) Acrolein	3.89	56	43	10.731	ug/l #	15
16) Acetone	4.14	43	3746	4.606	ug/l #	76
26) 2,2-Dichloropropane	7.15	77	2793	Below Cal	#	52
29) Tetrahydrofuran	7.55	42	31	9.743	ug/l #	34
36) 1,1-Dichloropropene	7.94	75	22913	4.641	ug/l #	48
38) Carbon Tetrachloride	7.95	117	29936	7.000	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	89482	50.962	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89482	103.467	ug/l #	12

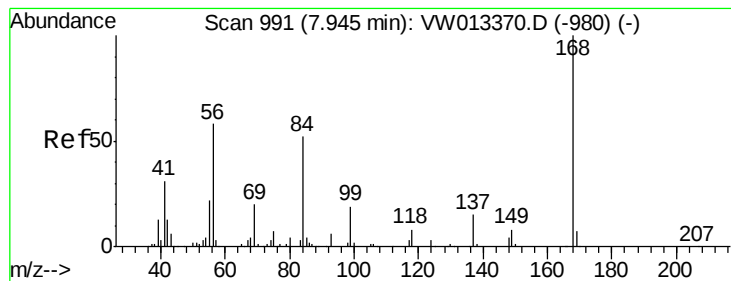
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Misc : 5.10G/5ML/MSVOA_W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
NBP-2019

Quant Time: Oct 03 07:08:39 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: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

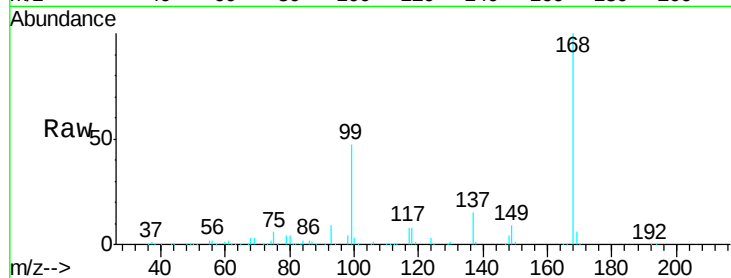
NBP-2019

Tgt Ion:168 Resp: 355377

Ion Ratio Lower Upper

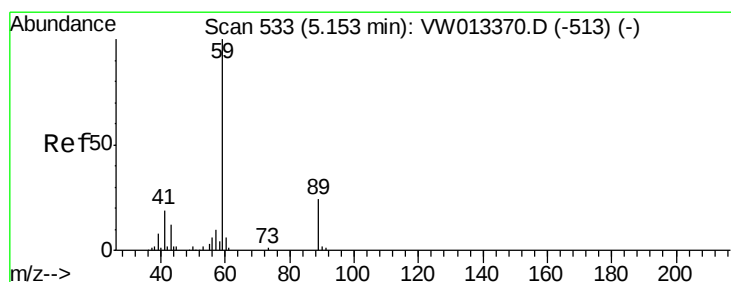
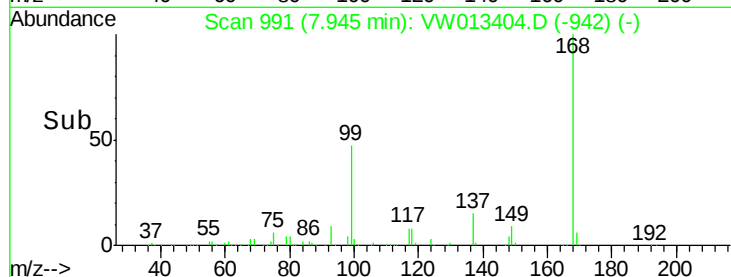
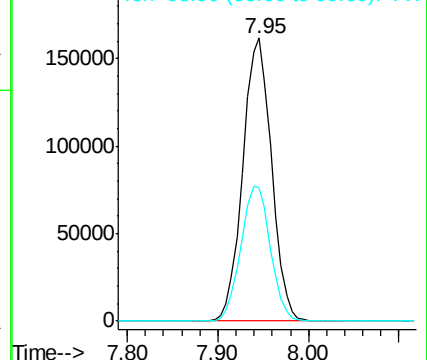
168 100

99 47.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.580 ug/l

RT: 5.10 min Scan# 525

Delta R.T. -0.05 min

Lab File: VW013404.D

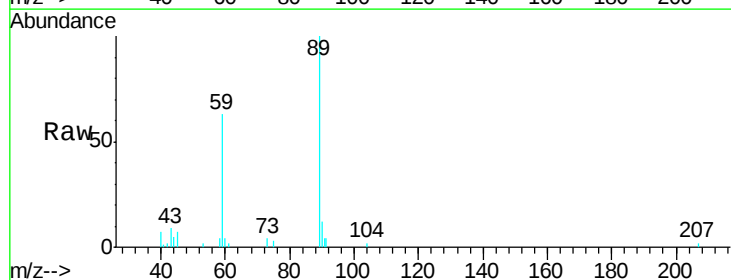
Acq: 03 Oct 2019 04:37

Tgt Ion: 59 Resp: 10125

Ion Ratio Lower Upper

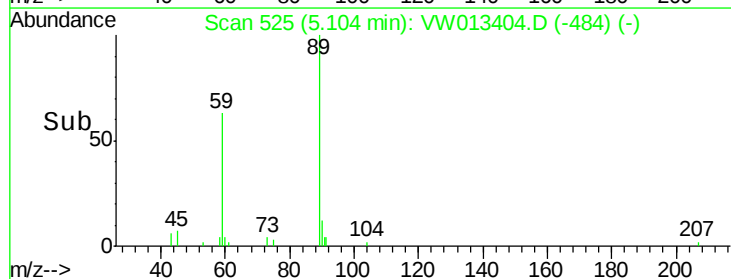
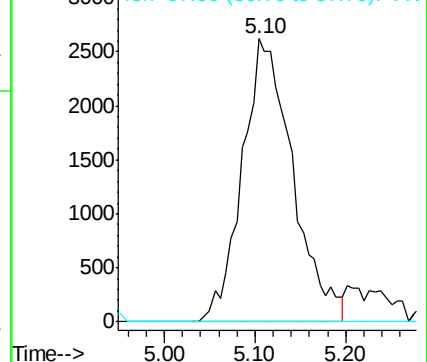
59 100

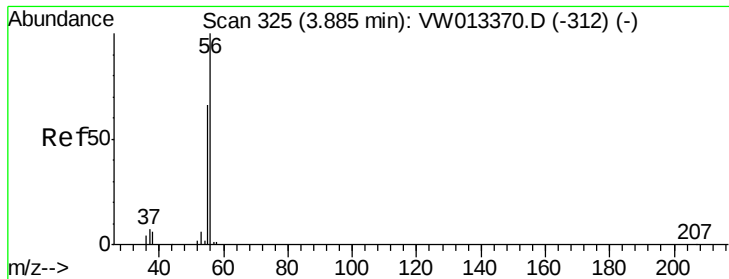
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 10.731 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

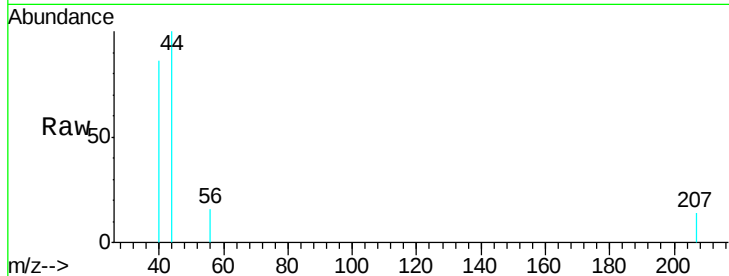
NBP-2019

Tgt Ion: 56 Resp: 43

Ion Ratio Lower Upper

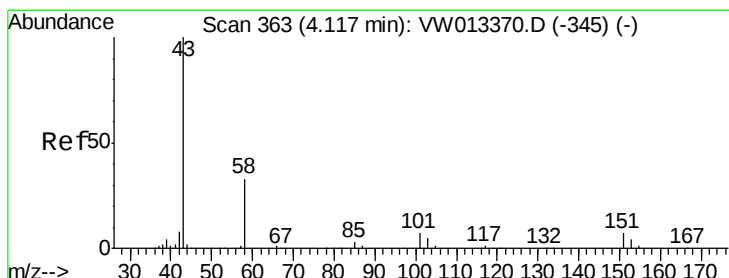
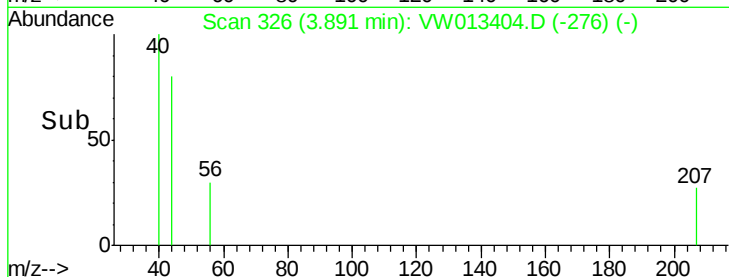
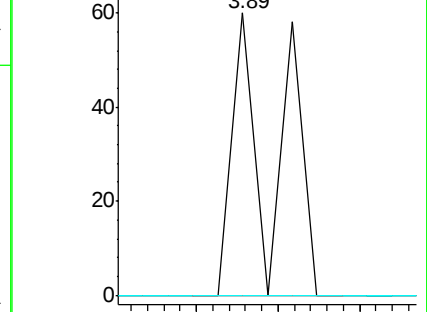
56 100

55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 4.606 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013404.D

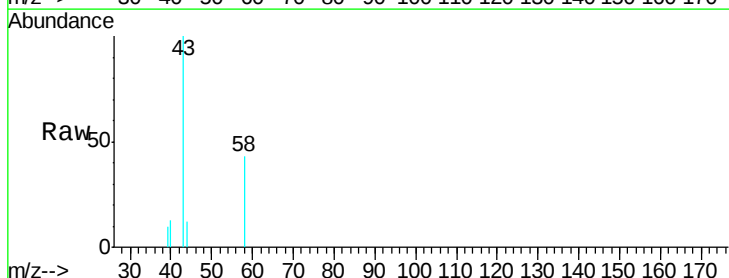
Acq: 03 Oct 2019 04:37

Tgt Ion: 43 Resp: 3746

Ion Ratio Lower Upper

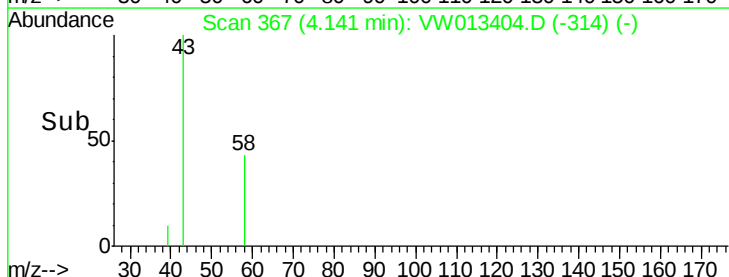
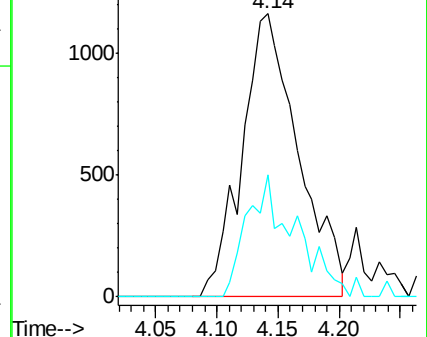
43 100

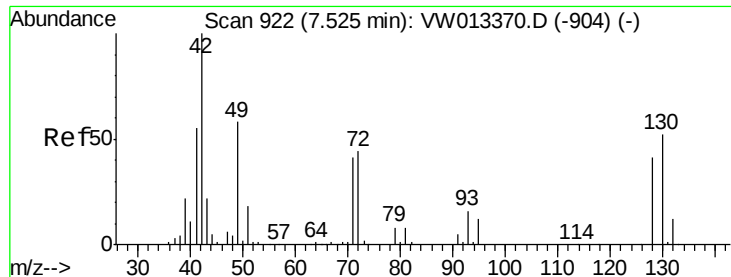
58 43.1 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#29

Tetrahydrofuran

Concen: 9.743 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.03 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampled :

NBP-2019

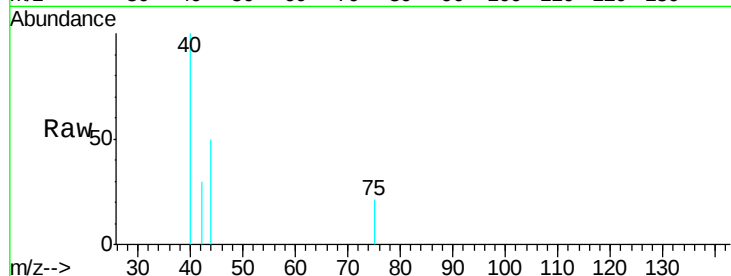
Tgt Ion: 42 Resp: 31

Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

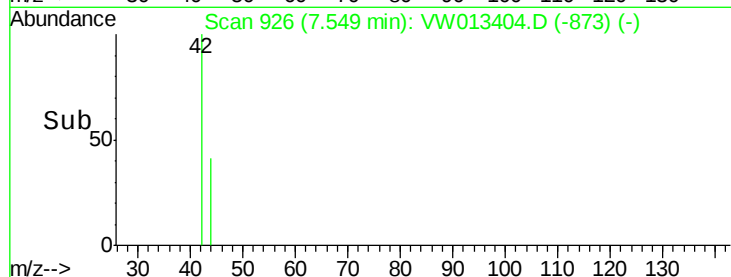
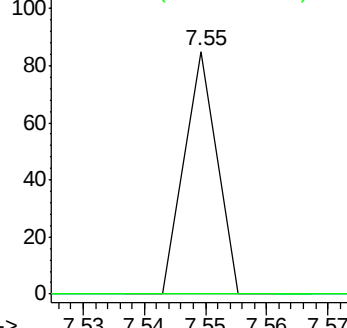
71 0.0 31.9 47.9#



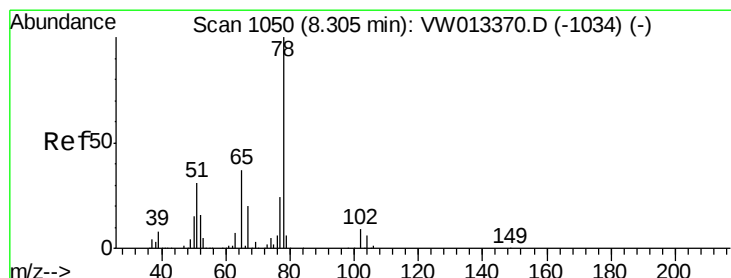
Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.480 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013404.D

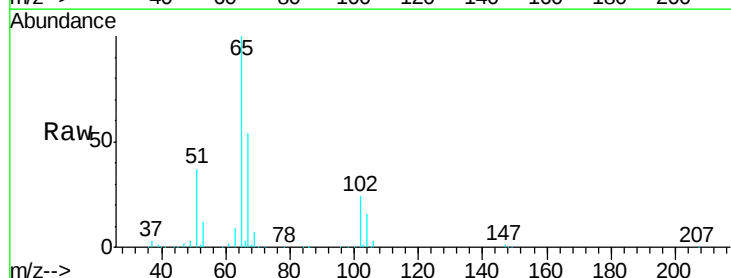
Acq: 03 Oct 2019 04:37

Tgt Ion: 65 Resp: 144563

Ion Ratio Lower Upper

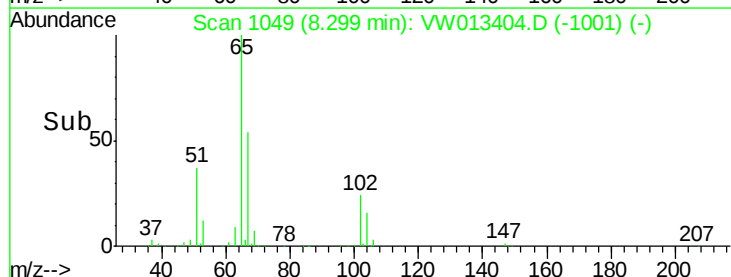
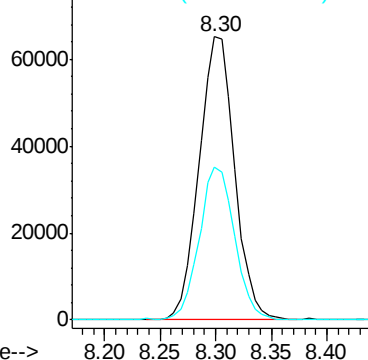
65 100

67 54.1 0.0 106.2

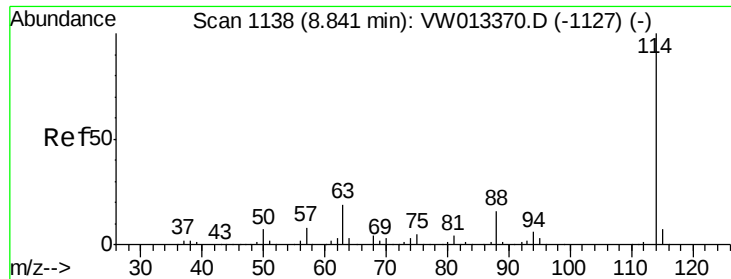


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



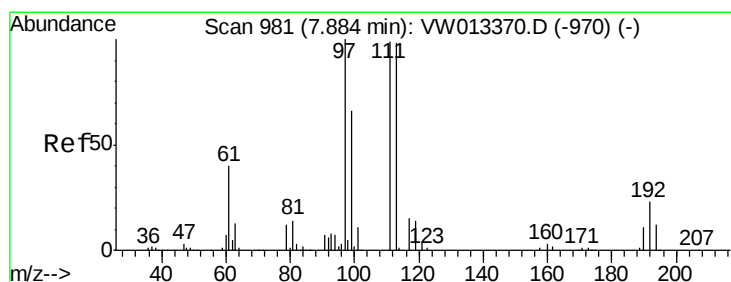
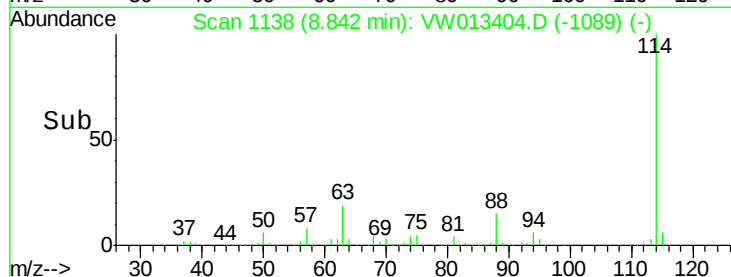
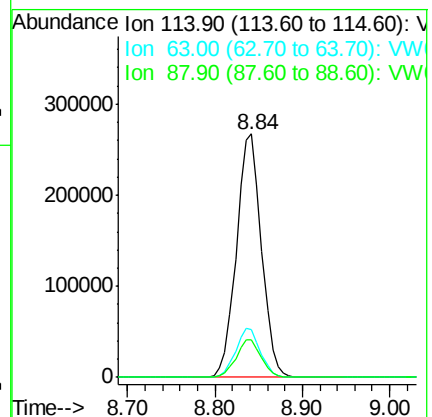
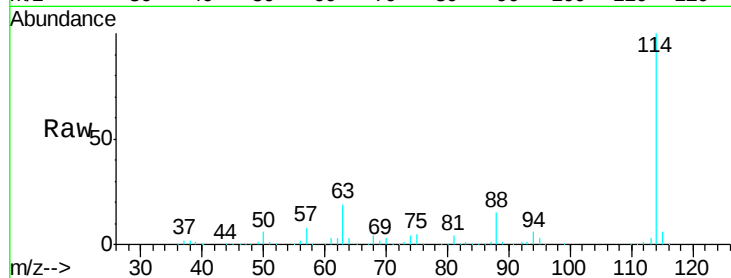
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013404.D
 Acq: 03 Oct 2019 04:37

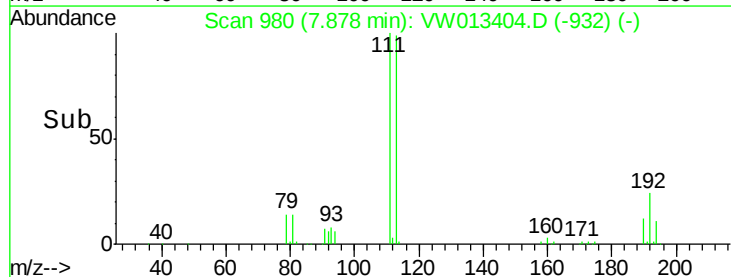
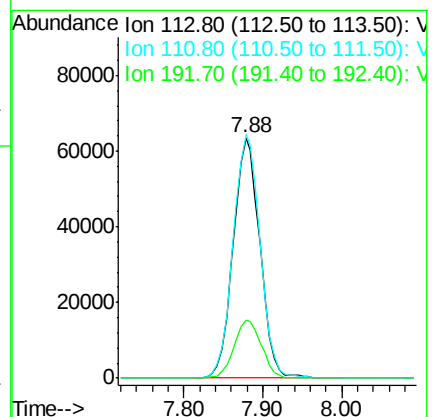
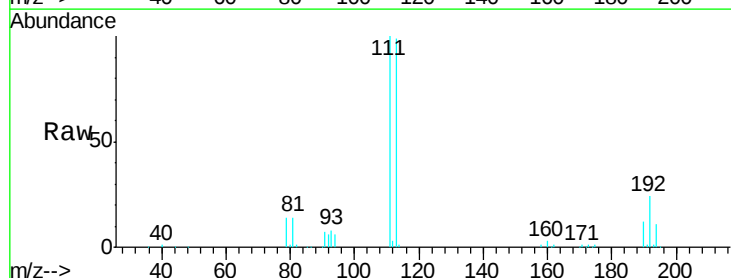
Instrument :
 MSVOA_W
 ClientSampleId :
 NBP-2019

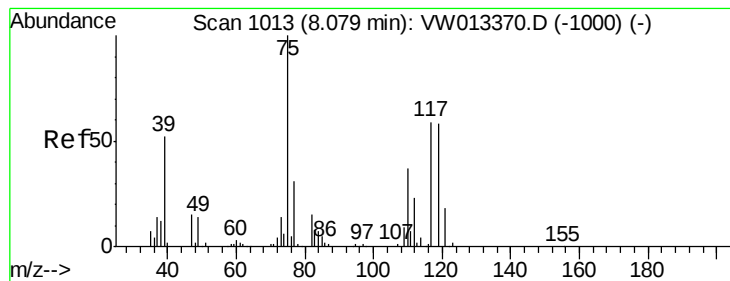
Tgt Ion:114 Resp: 531507
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.4 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 53.432 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013404.D
 Acq: 03 Oct 2019 04:37

Tgt Ion:113 Resp: 149020
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 24.6 19.1 28.7





#36

1,1-Dichloropropene

Concen: 4.641 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

NBP-2019

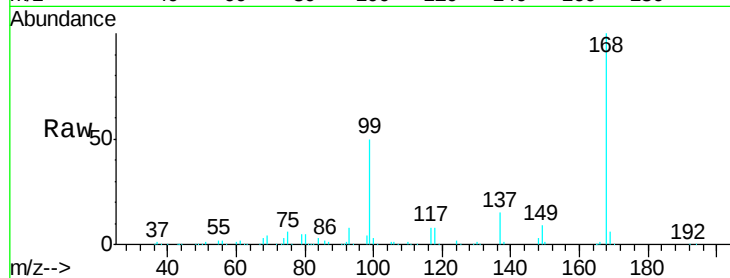
Tgt Ion: 75 Resp: 22913

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

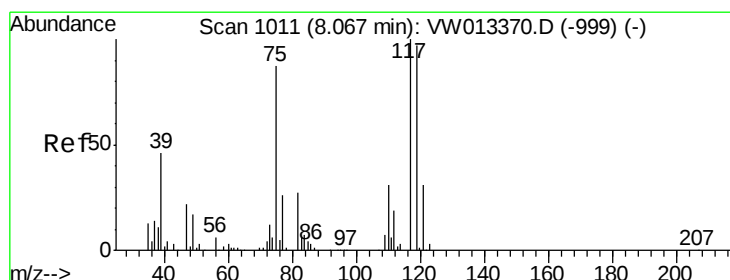
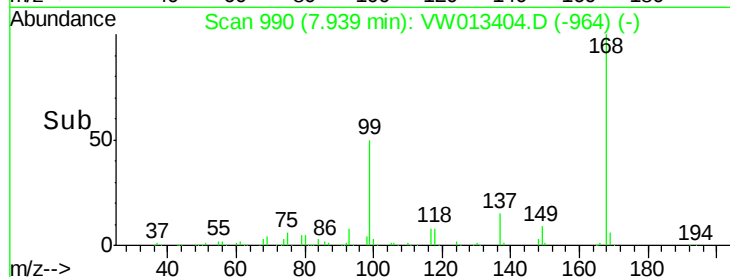
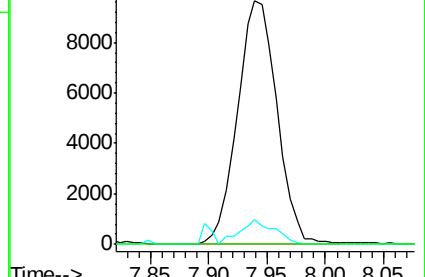
77 0.0 25.8 38.6#



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: 7.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

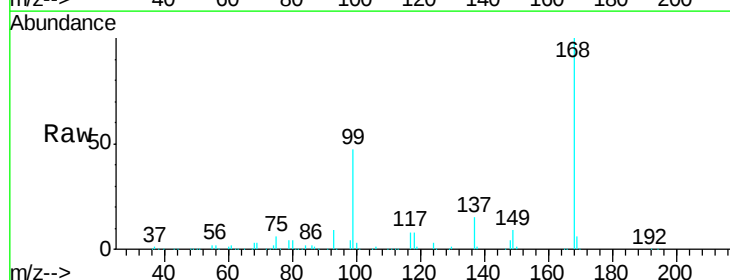
Tgt Ion: 117 Resp: 29936

Ion Ratio Lower Upper

117 100

119 6.4 73.5 110.3#

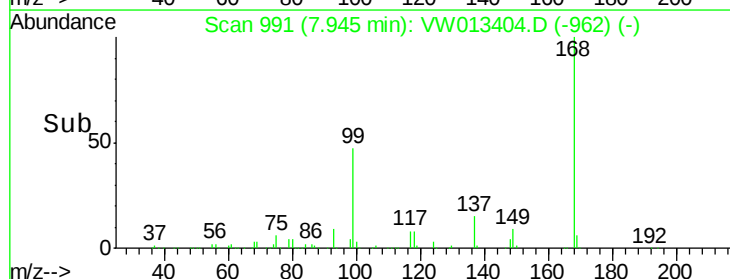
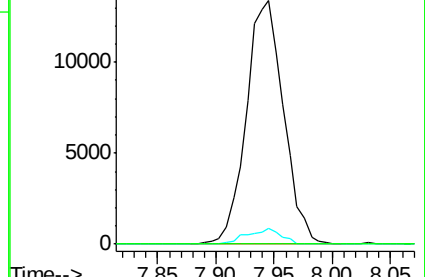
121 0.0 25.0 37.6#

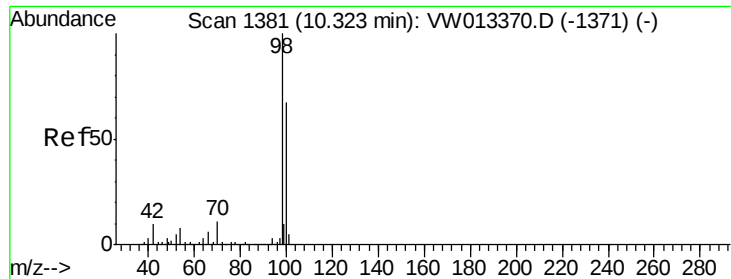


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.736 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

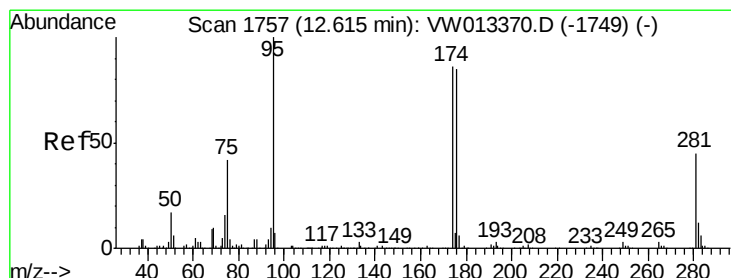
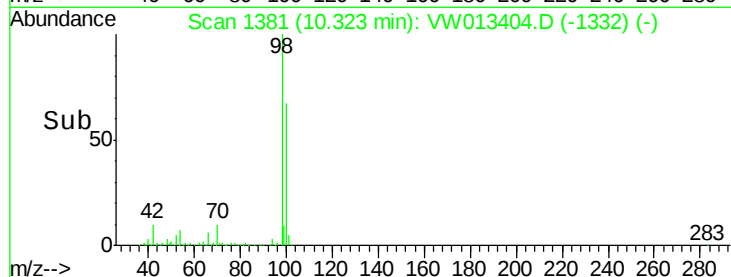
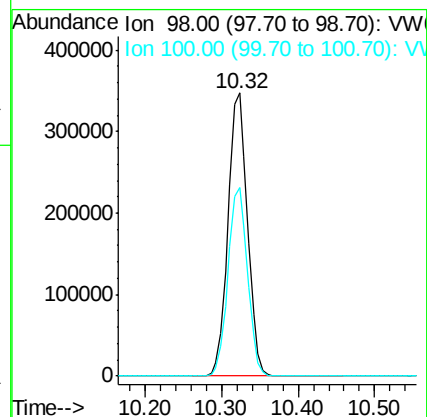
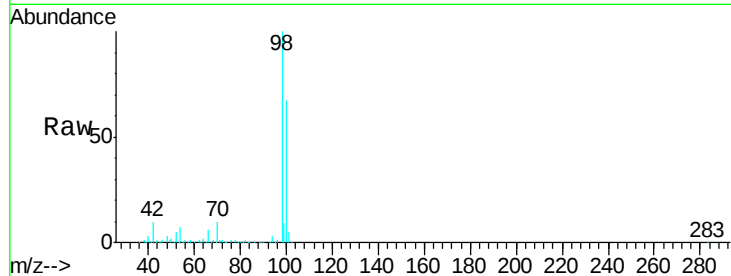
NBP-2019

Tgt Ion: 98 Resp: 610347

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.315 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

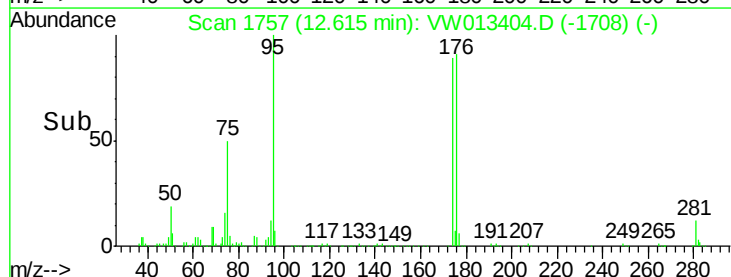
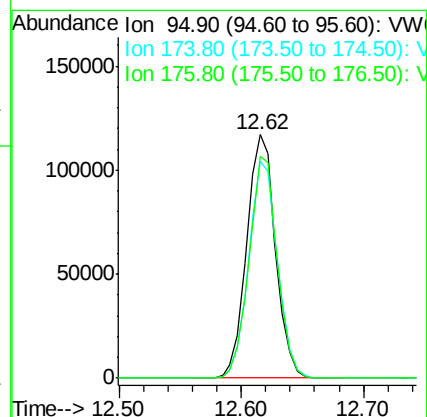
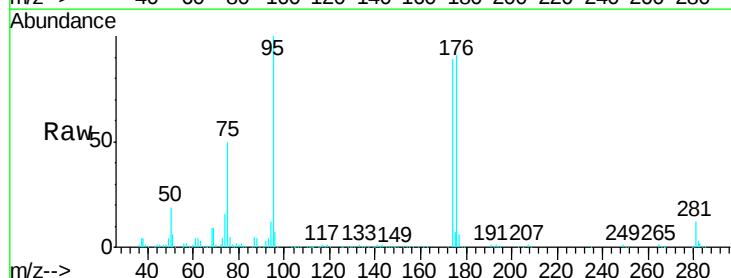
Tgt Ion: 95 Resp: 190594

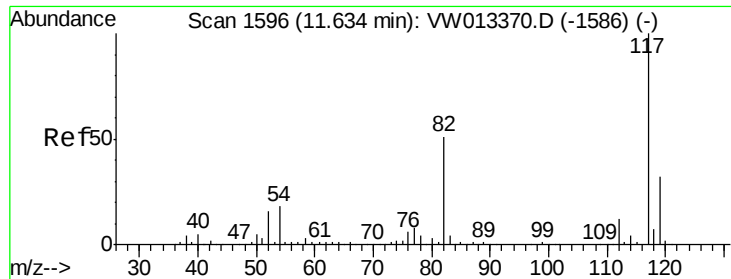
Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.4

176 89.3 0.0 172.2

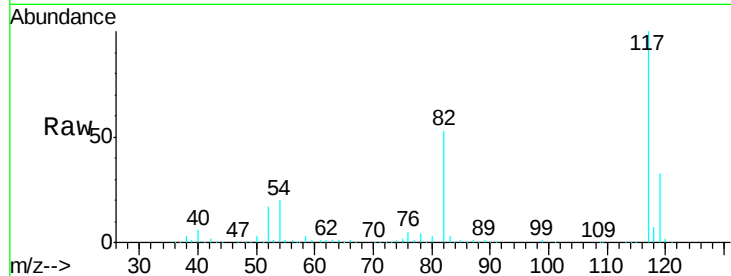




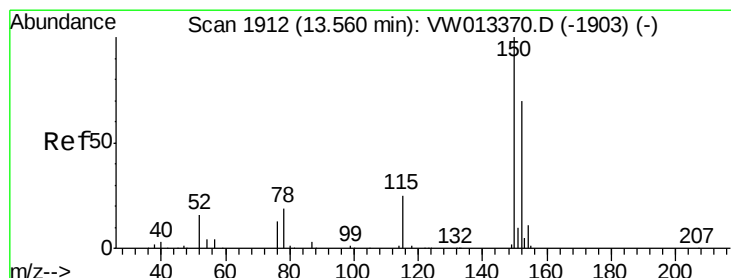
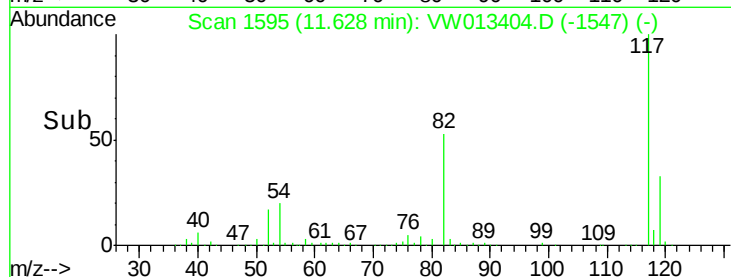
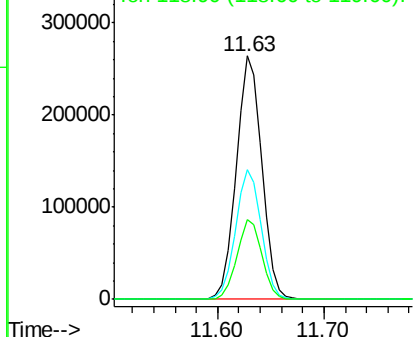
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Instrument :
MSVOA_W
ClientSampleId :
NBP-2019

Tgt Ion:117 Resp: 443702
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.7 26.2 39.2

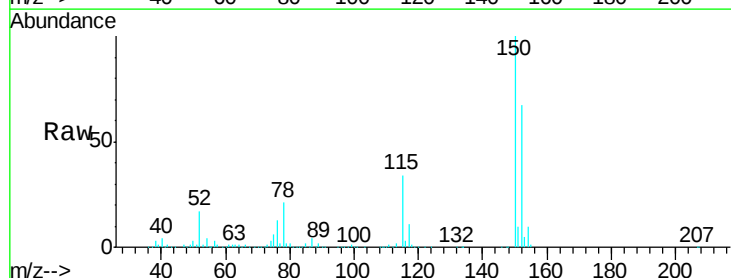


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

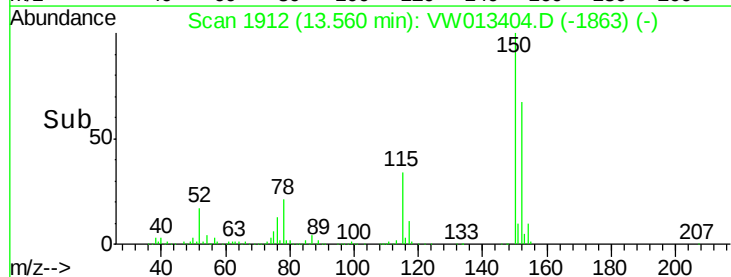
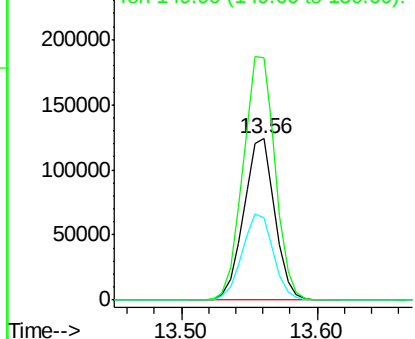


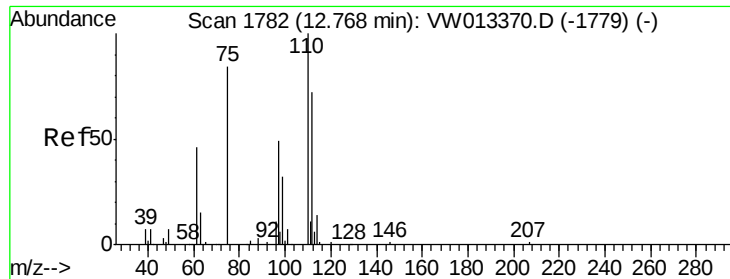
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Tgt Ion:152 Resp: 197561
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 155.7 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: 50.962 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

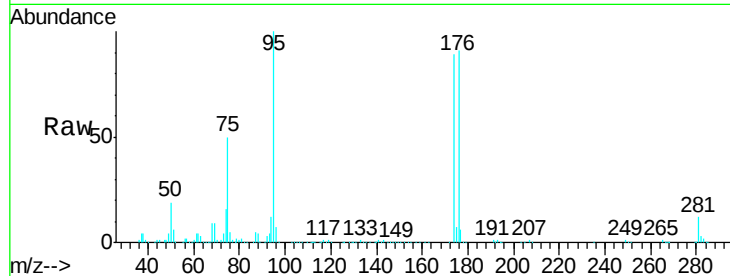
NBP-2019

Tgt Ion: 75 Resp: 89482

Ion Ratio Lower Upper

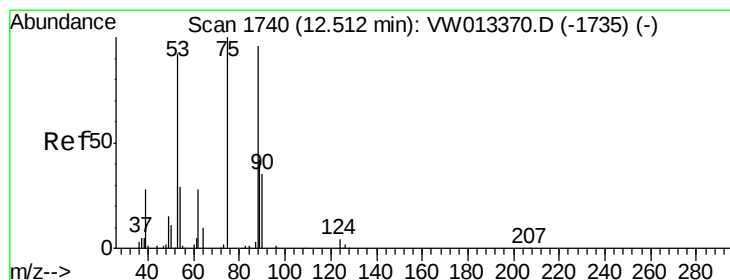
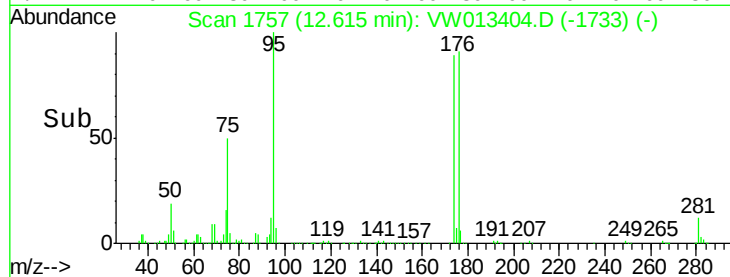
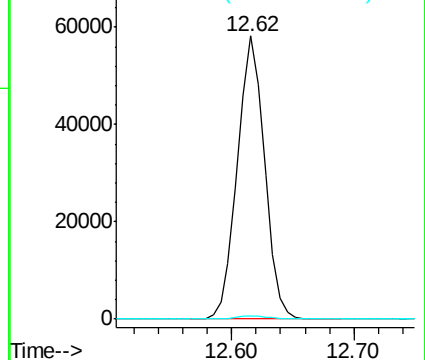
75 100

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: 103.467 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

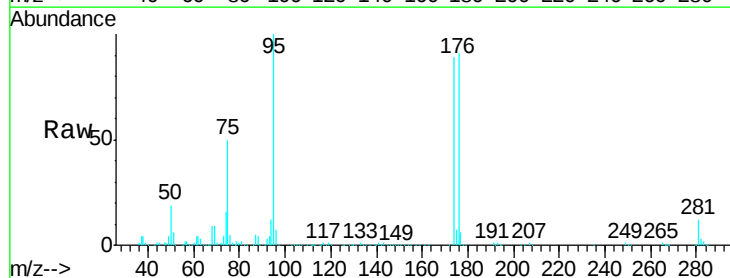
Tgt Ion: 75 Resp: 89482

Ion Ratio Lower Upper

75 100

53 0.0 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

