

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013775.D
 Acq On : 28 Oct 2019 18:59
 Operator : SY/VA
 Sample : K5542-16
 Misc : 4.30G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 202-38-(1.5)

Quant Time: Oct 29 11:48:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

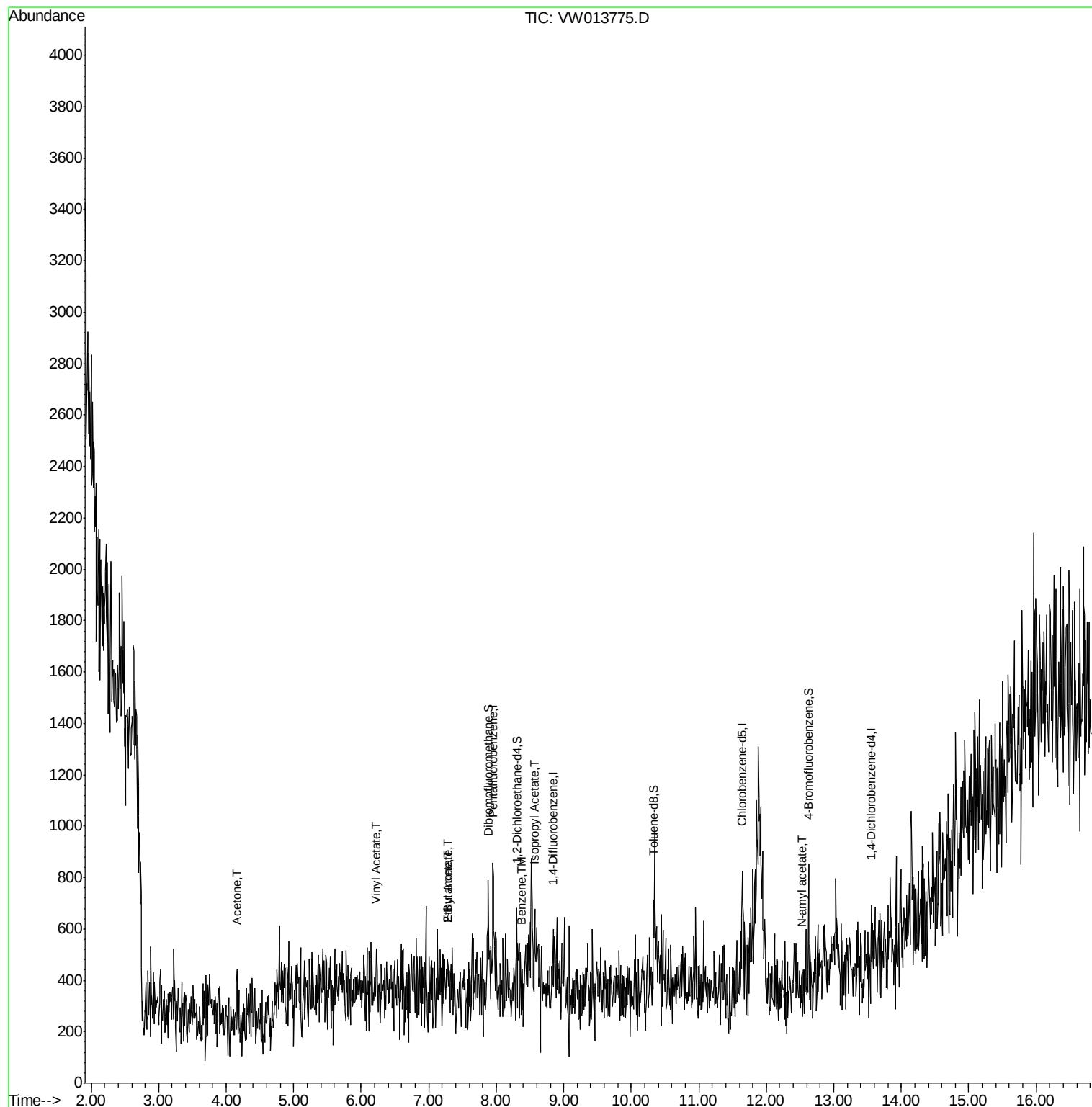
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	514	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	449	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.56	152	27	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79	20.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.98%	
35) Dibromofluoromethane	7.88	113	318	336.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	673.30%	
50) Toluene-d8	10.33	98	210	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.63	95	123	94.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	188.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	67	81.951	ug/l #	45
23) Vinyl Acetate	6.22	43	26	3.466	ug/l #	70
25) 2-Butanone	7.29	43	19	16.165	ug/l #	45
37) Ethyl Acetate	7.29	43	19	31.350	ug/l #	67
40) Benzene	8.38	78	61	13.614	ug/l #	51
43) Isopropyl Acetate	8.58	43	22	18.964	ug/l #	49
74) N-amyl acetate	12.53	43	42	111.977	ug/l #	41

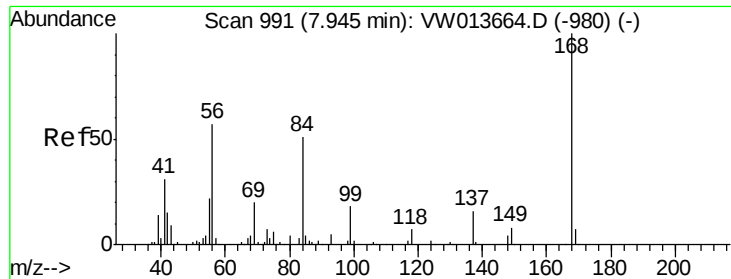
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

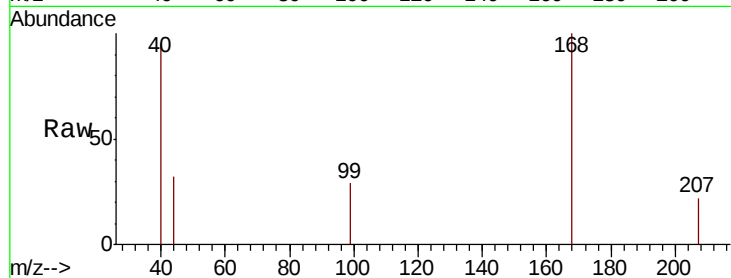
202-38-(1.5)

Tot Ion:168 Resp: 514

Ion Ratio Lower Upper

168 100

99 28.5 39.0 58.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

300

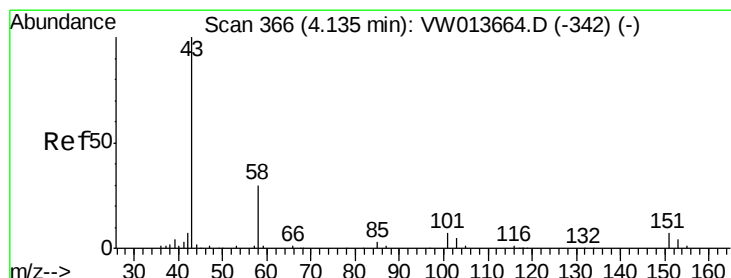
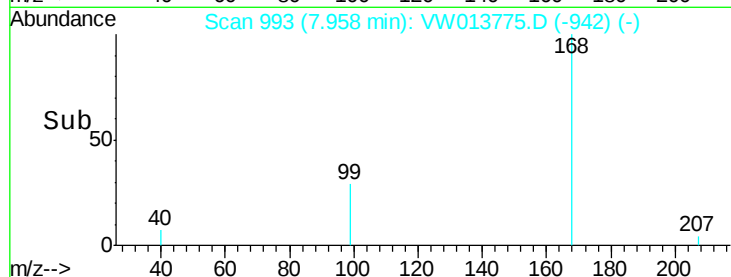
200

100

0

7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 81.951 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW013775.D

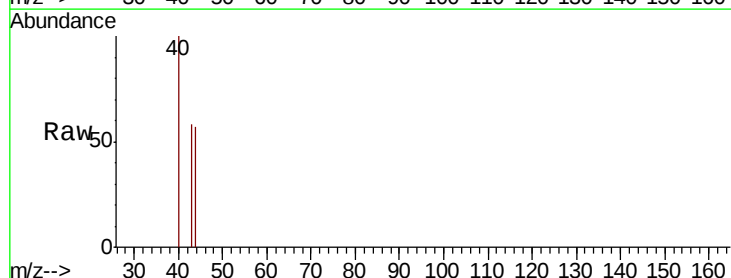
Acq: 28 Oct 2019 18:59

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

120

100

80

60

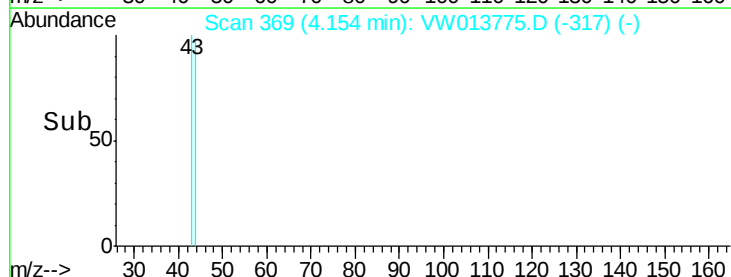
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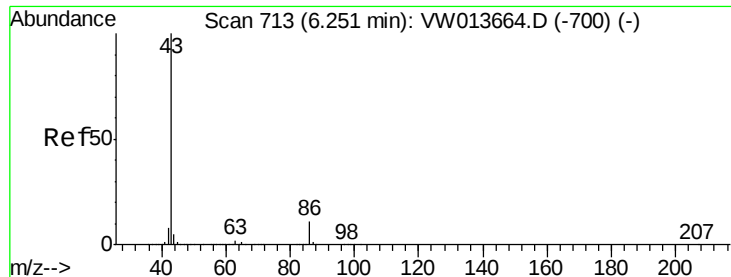
20

0

4.14 4.16

Time-->





#23

Vinyl Acetate

Concen: 3.466 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.03 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

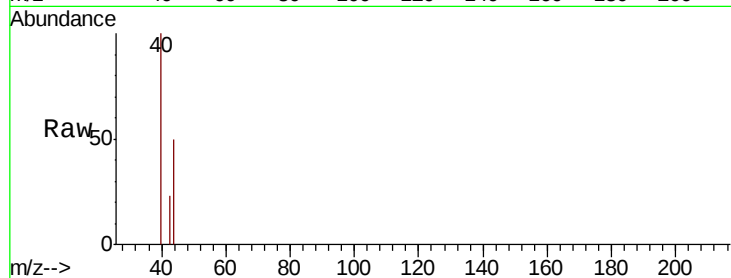
202-38-(1.5)

Tot Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

86 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.22

80

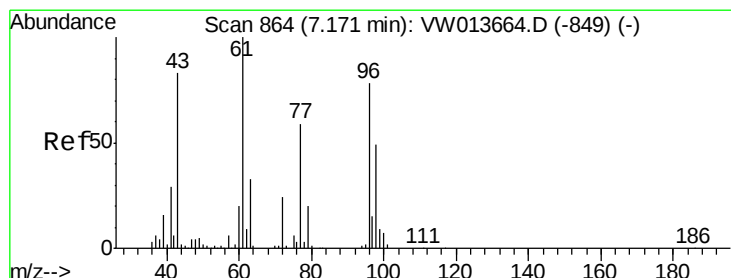
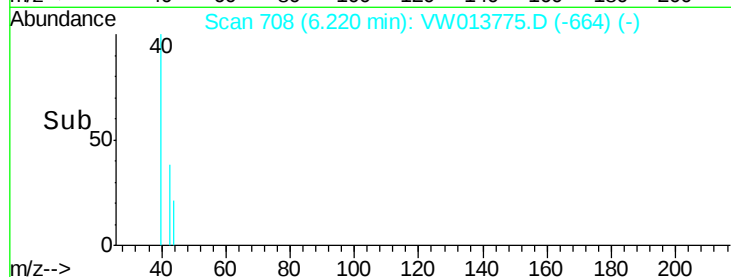
60

40

20

0

Time-->



#25

2-Butanone

Concen: 16.165 ug/l

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: VW013775.D

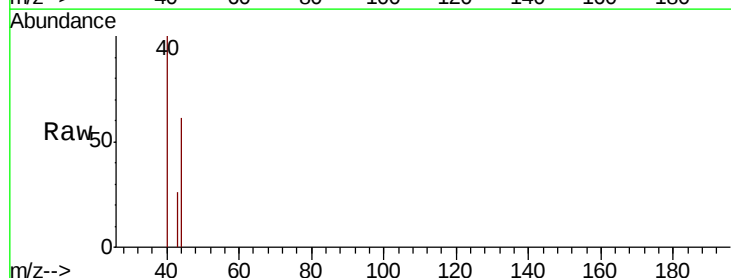
Acq: 28 Oct 2019 18:59

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.29

60

50

40

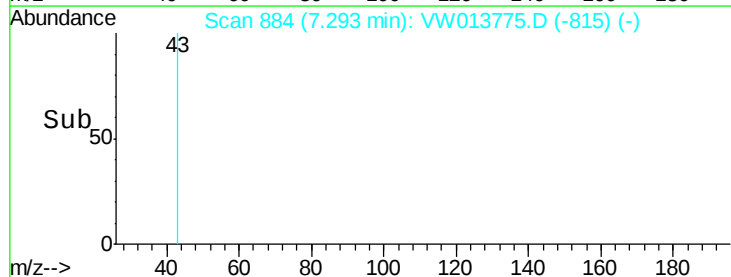
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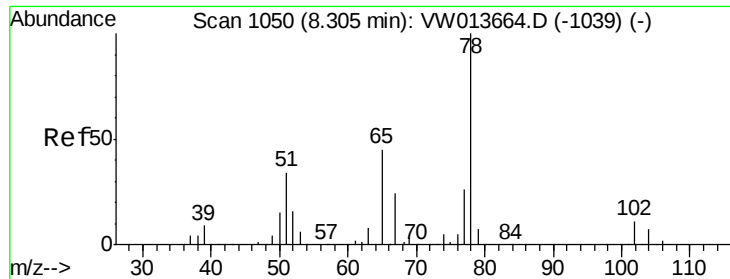
20

10

0

Time-->

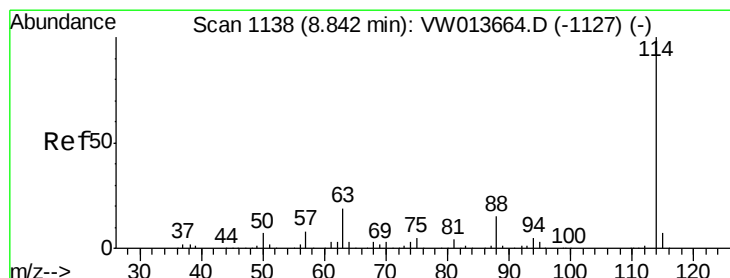
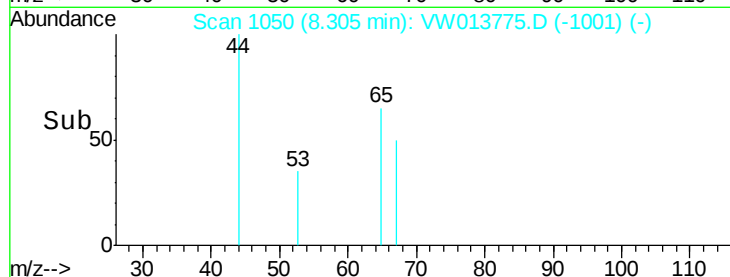
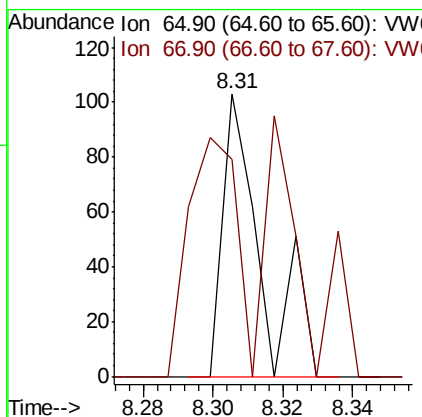
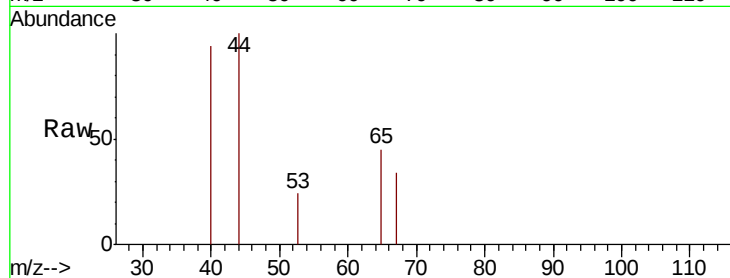




#33
 1,2-Dichloroethane-d4
 Concen: 20.488 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013775.D
 Acq: 28 Oct 2019 18:59

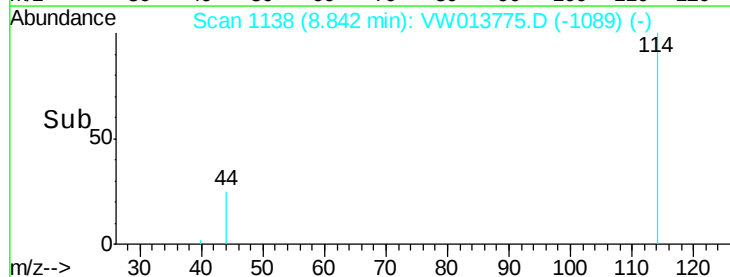
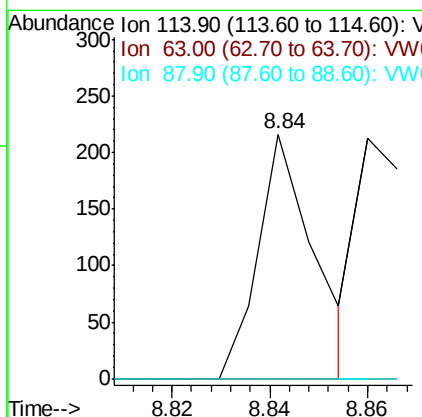
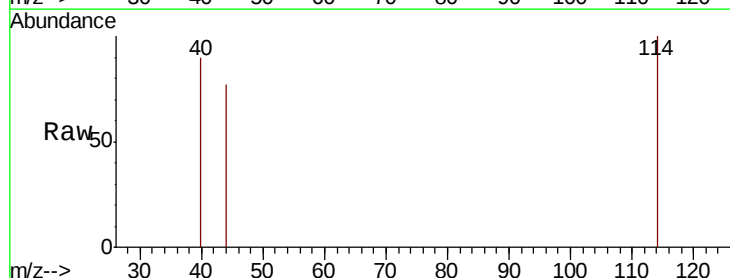
Instrument :
 MSVOA_W
 ClientSampleId :
 202-38-(1.5)

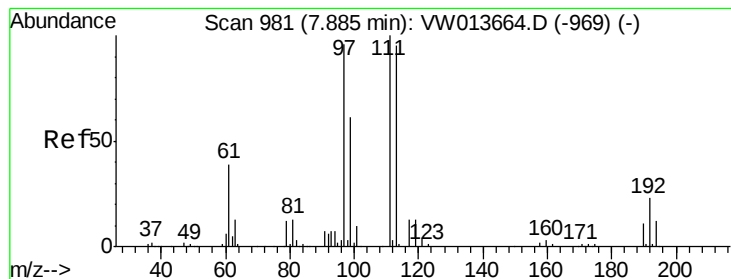
Tot Ion: 65 Resp: 79
 Ion Ratio Lower Upper
 65 100
 67 105.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013775.D
 Acq: 28 Oct 2019 18:59

Tgt Ion: 114 Resp: 170
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 37.6
 88 0.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 336.646 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

202-38-(1.5)

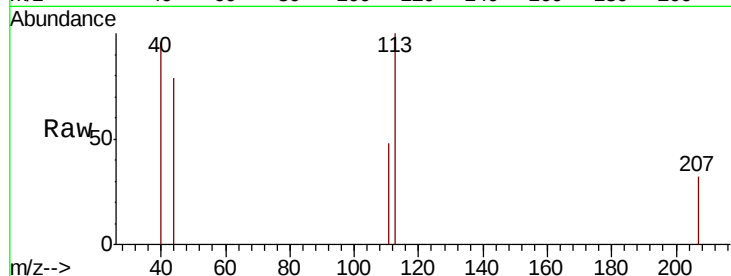
Tot Ion:113 Resp: 318

Ion Ratio Lower Upper

113 100

111 114.8 83.0 124.6

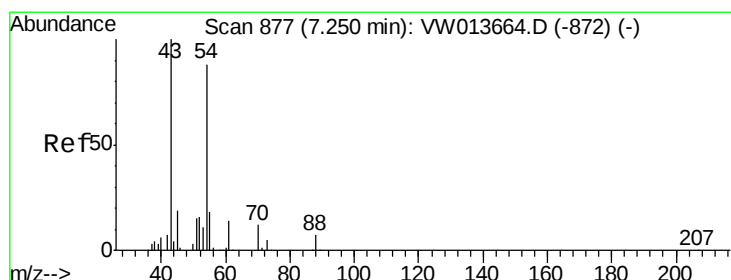
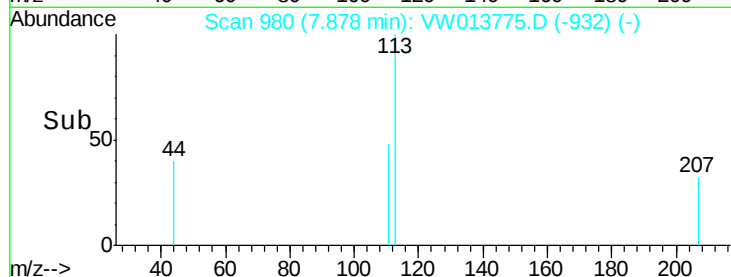
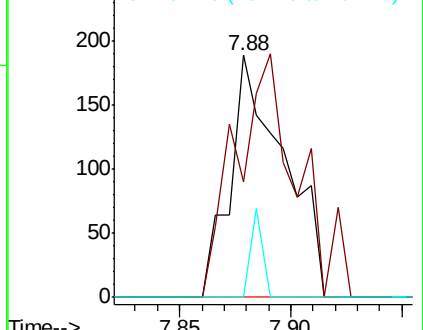
192 7.9 19.4 29.2#



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



#37

Ethyl Acetate

Concen: 31.350 ug/l

RT: 7.29 min Scan# 884

Delta R.T. 0.04 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

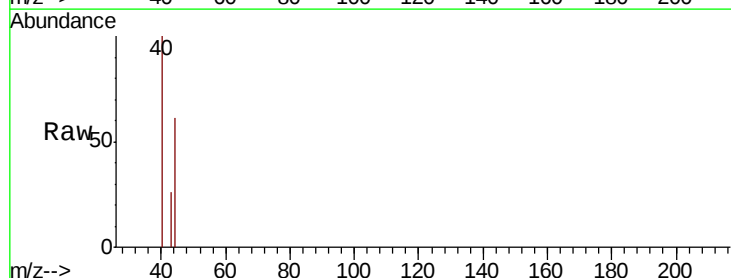
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

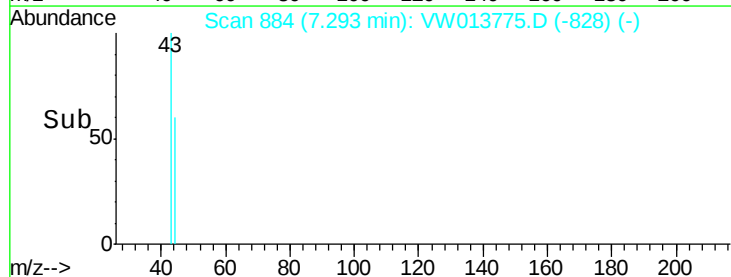
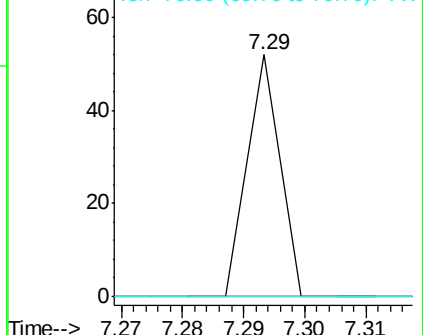
70 0.0 8.8 13.2#

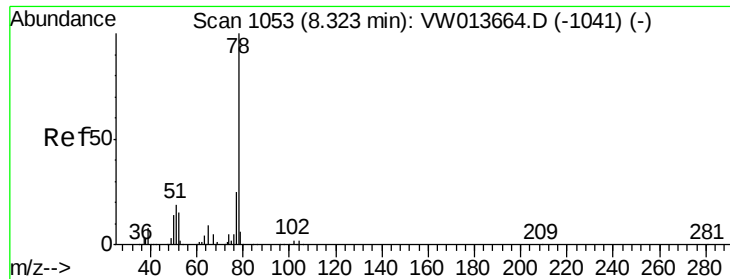


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#40

Benzene

Concen: 13.614 ug/l

RT: 8.38 min Scan# 1063

Delta R.T. 0.06 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

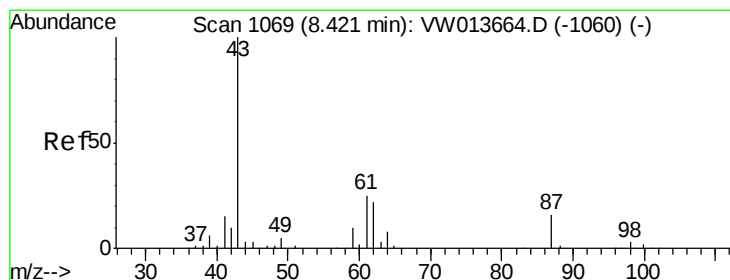
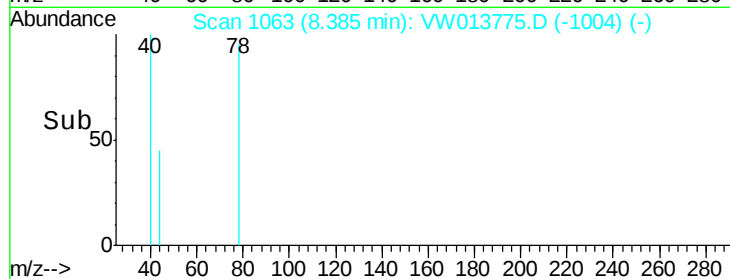
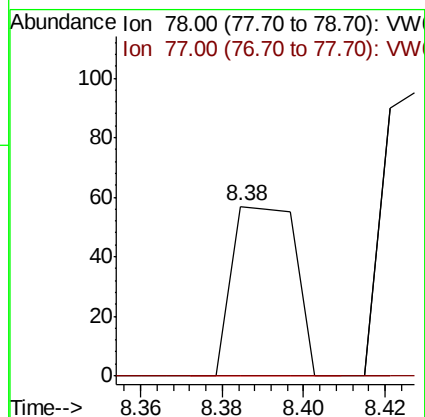
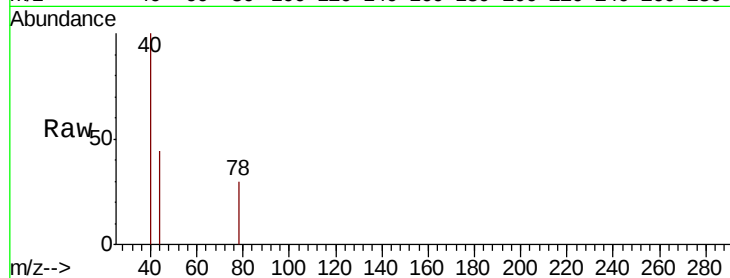
202-38-(1.5)

Tot Ion: 78 Resp: 61

Ion Ratio Lower Upper

78 100

77 0.0 19.6 29.4#



#43

Isopropyl Acetate

Concen: 18.964 ug/l

RT: 8.58 min Scan# 1095

Delta R.T. 0.16 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

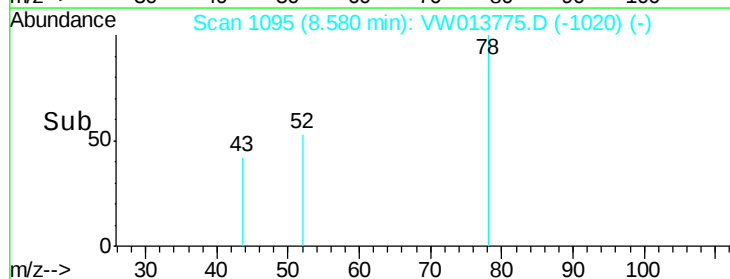
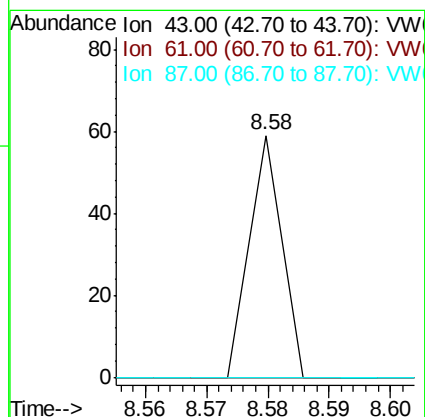
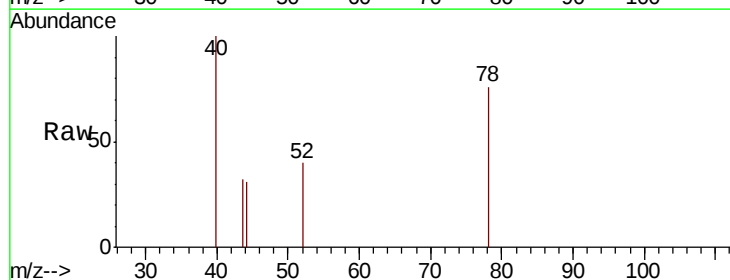
Tgt Ion: 43 Resp: 22

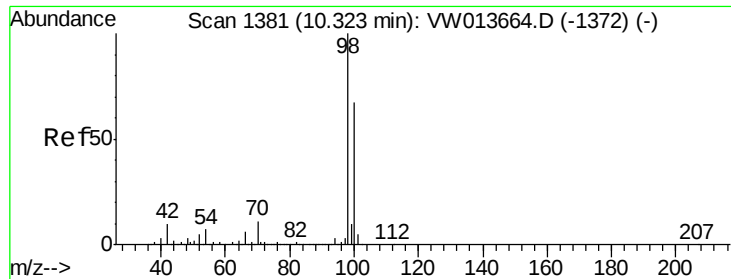
Ion Ratio Lower Upper

43 100

61 0.0 26.1 39.1#

87 0.0 11.4 17.0#





#50

Toluene-d8

Concen: 54.559 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

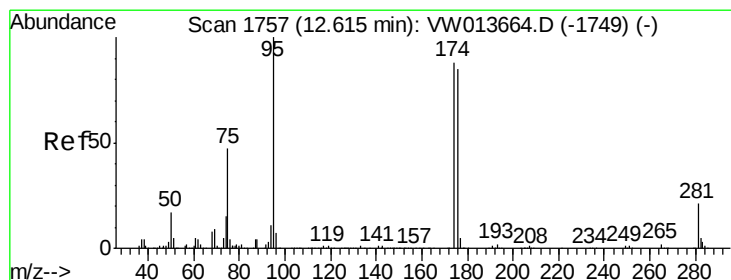
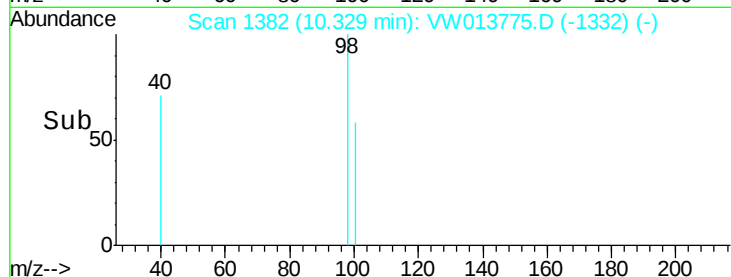
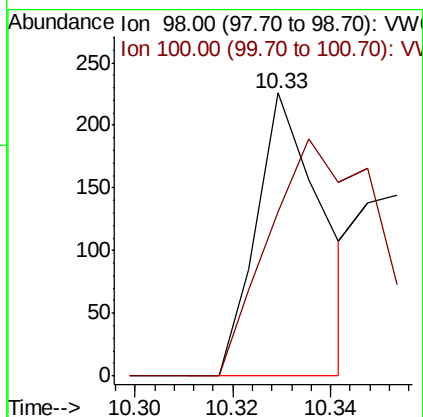
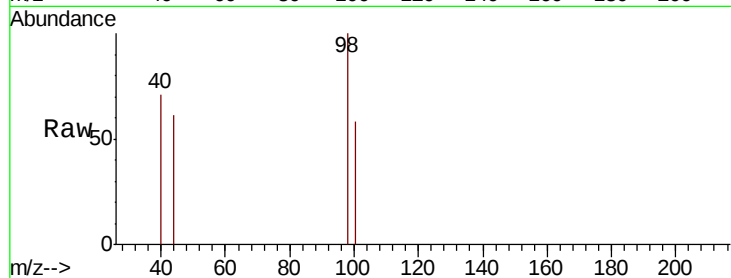
202-38-(1.5)

Tot Ion: 98 Resp: 210

Ion Ratio Lower Upper

98 100

100 205.2 53.4 80.0#



#62

4-Bromofluorobenzene

Concen: 94.375 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW013775.D

Acq: 28 Oct 2019 18:59

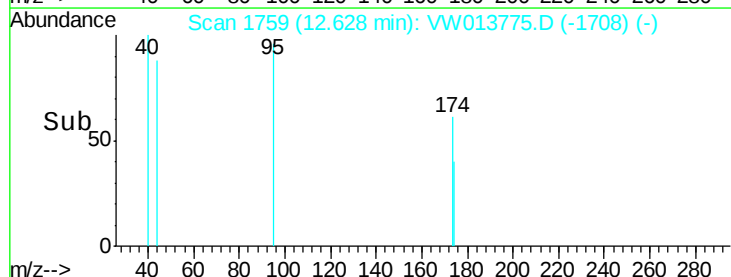
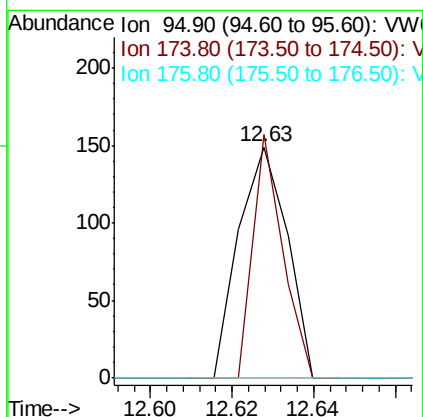
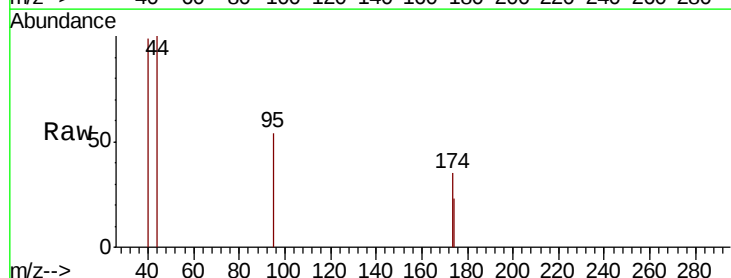
Tgt Ion: 95 Resp: 123

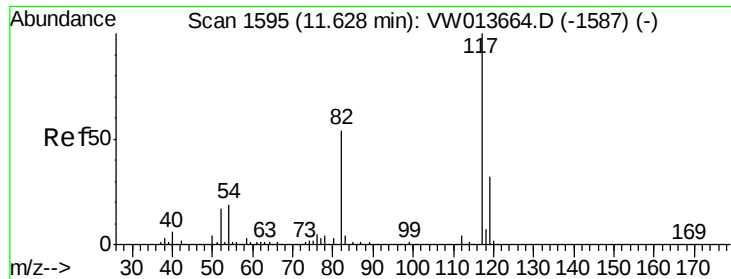
Ion Ratio Lower Upper

95 100

174 64.2 0.0 183.6

176 0.0 0.0 178.0

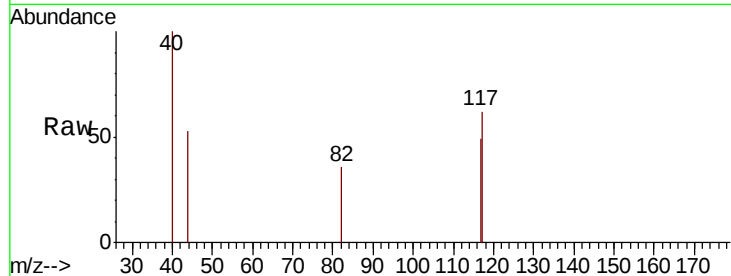




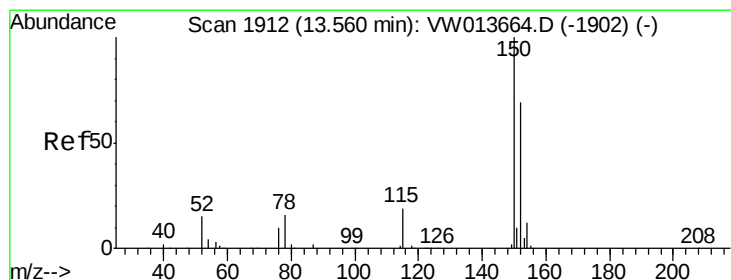
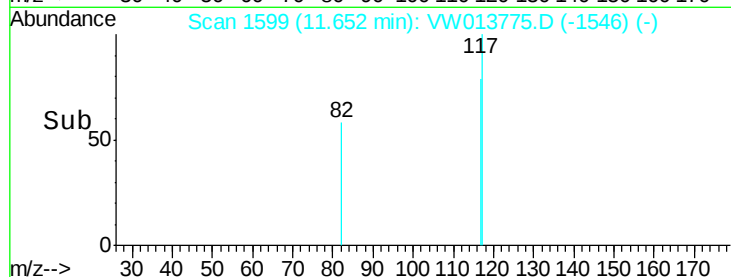
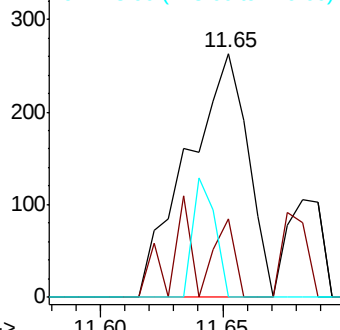
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.02 min
Lab File: VW013775.D
Acq: 28 Oct 2019 18:59

Instrument :
MSVOA_W
ClientSampled :
202-38-(1.5)

Tot Ion:117 Resp: 449
Ion Ratio Lower Upper
117 100
82 32.3 43.6 65.4#
119 0.0 25.4 38.2#

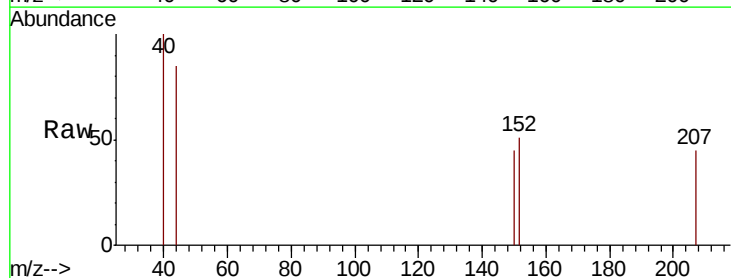


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

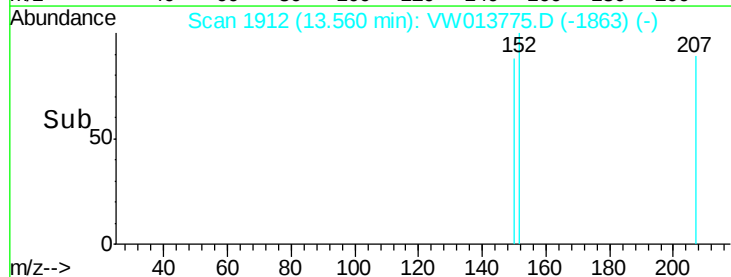
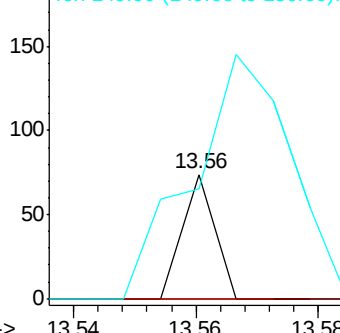


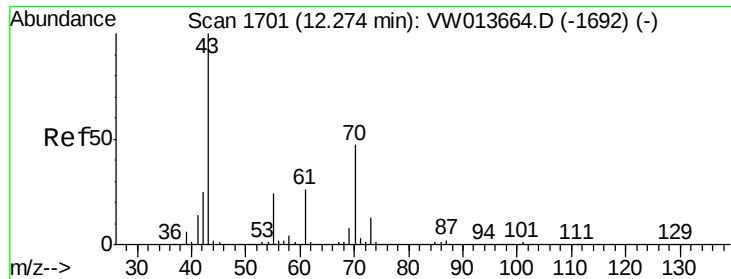
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013775.D
Acq: 28 Oct 2019 18:59

Tgt Ion:152 Resp: 27
Ion Ratio Lower Upper
152 100
115 0.0 27.4 82.2#
150 596.3 0.0 345.4#



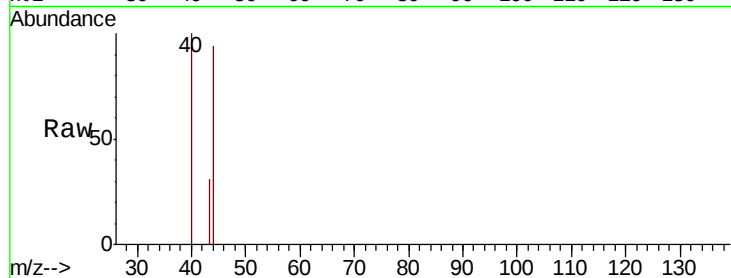
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74
 N-amvl acetate
 Concen: 111.977 ug/l
 RT: 12.53 min Scan# 1743
 Delta R.T. 0.26 min
 Lab File: VW013775.D
 Acq: 28 Oct 2019 18:59

Instrument :
 MSVOA_W
 ClientSampleId :
 202-38-(1.5)



Tot Ion:	43	Resp:	42
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.6	55.0#
55	0.0	20.3	30.5#
61	0.0	20.4	30.6#

