

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013443.D
 Acq On : 04 Oct 2019 17:03
 Operator : SY/VA
 Sample : K5213-07
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

Quant Time: Oct 05 06:36:11 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

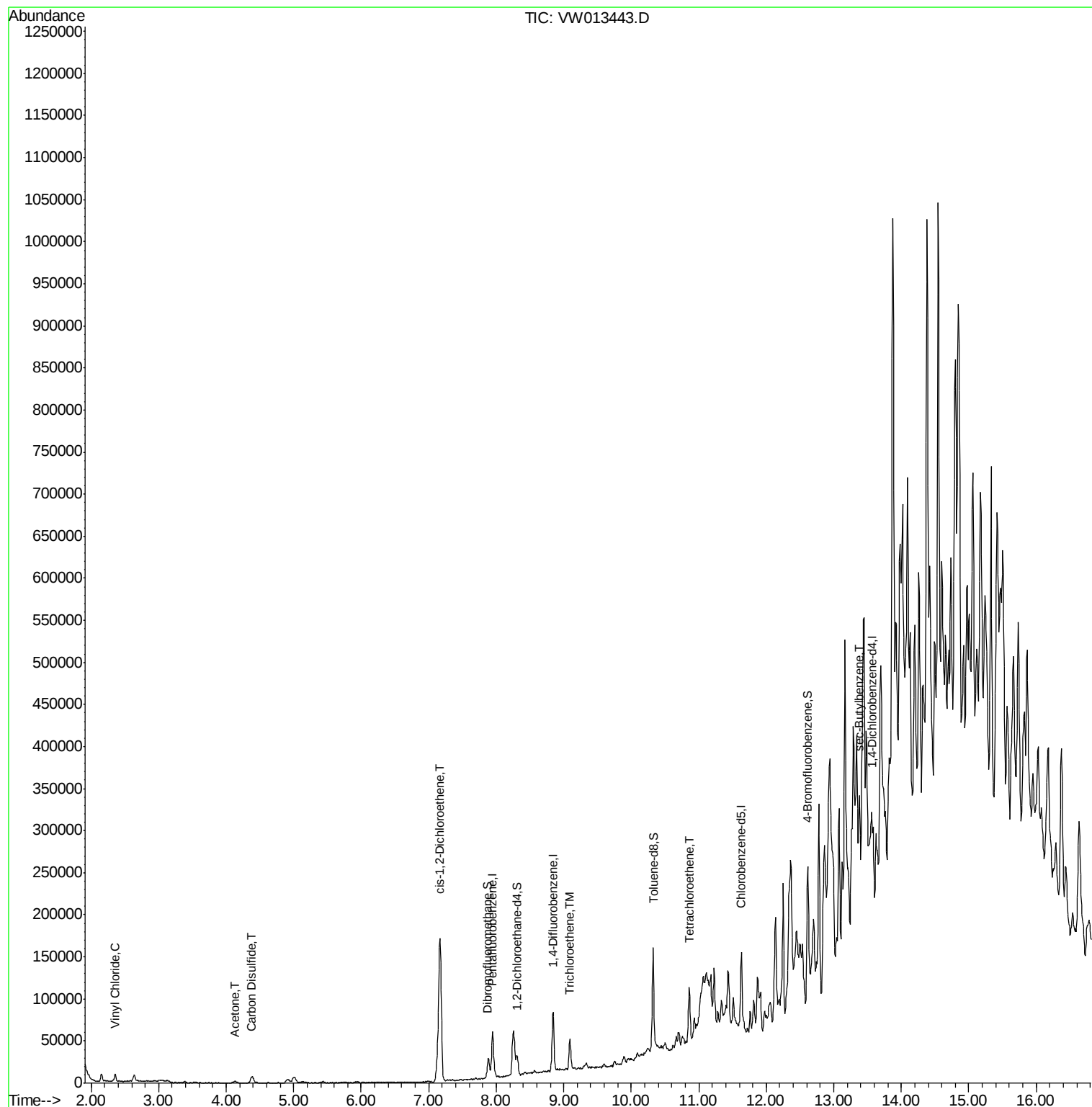
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	63226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18602	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
35) Dibromofluoromethane	7.88	113	18561	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
50) Toluene-d8	10.32	98	74352	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.62	95	26774	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.36	62	7685	18.596	ug/l	95
16) Acetone	4.13	43	3400	32.562	ug/l	92
17) Carbon Disulfide	4.38	76	7883	6.728	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	104211	222.605	ug/l	90
44) Trichloroethene	9.09	130	13348	28.514	ug/l	94
64) Tetrachloroethene	10.86	164	16927	40.863	ug/l	94
85) sec-Butylbenzene	13.38	105	27134	12.685	ug/l	85

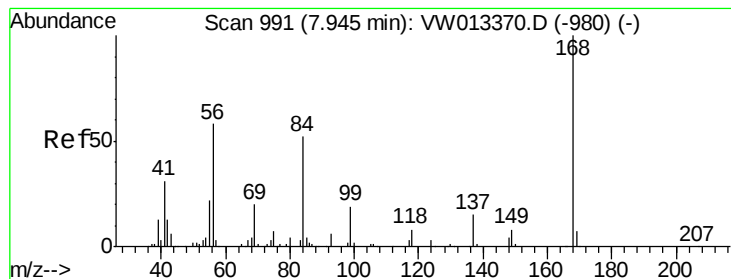
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

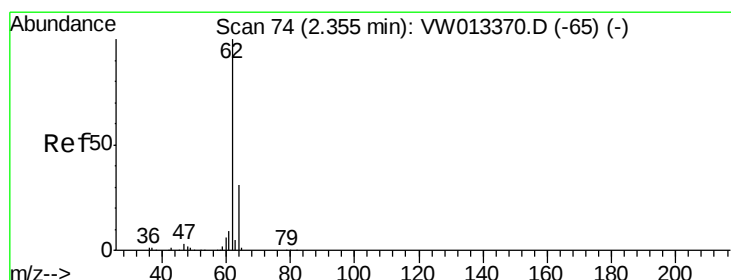
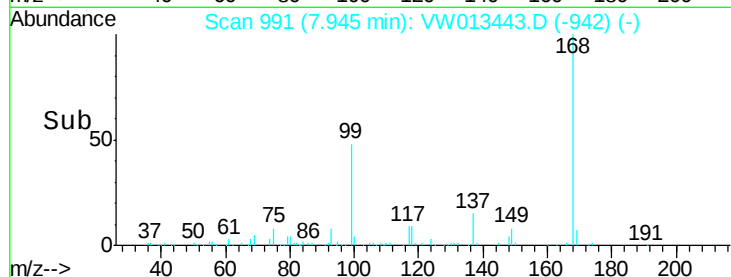
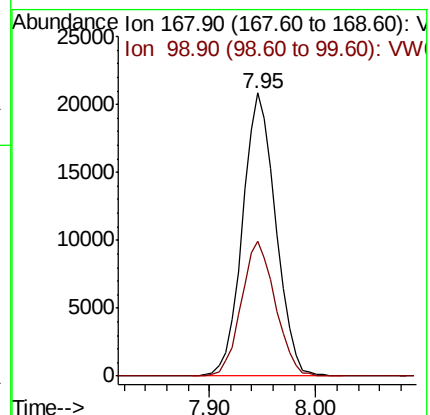
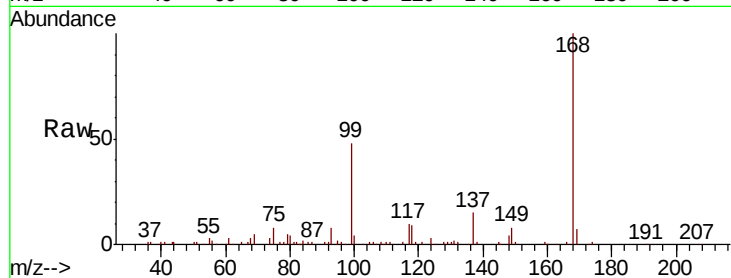
S-4(0-5)

Tot Ion:168 Resp: 45622

Ion Ratio Lower Upper

168 100

99 47.6 40.2 60.4



#4

Vinyl Chloride

Concen: 18.596 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013443.D

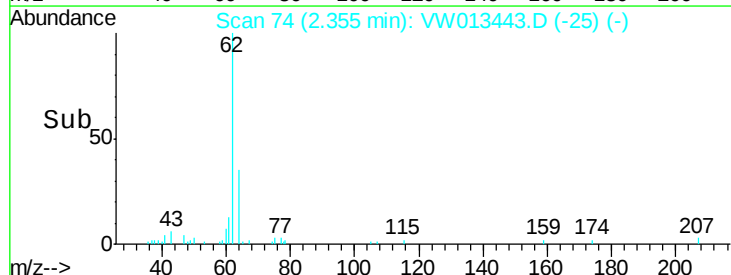
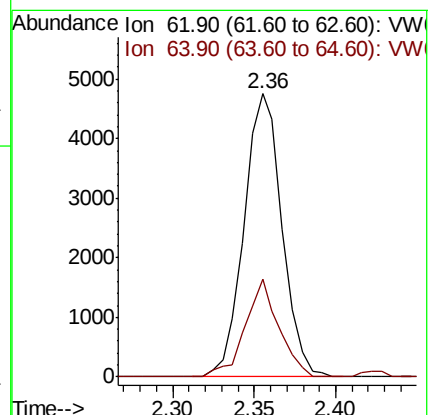
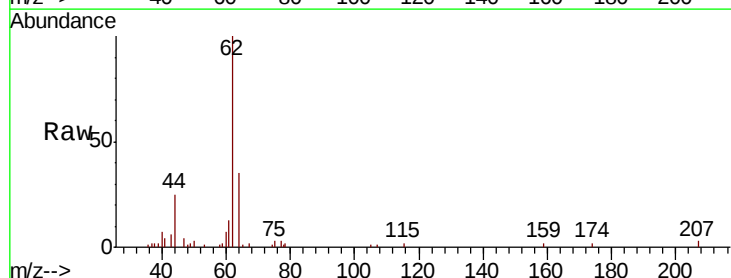
Acq: 04 Oct 2019 17:03

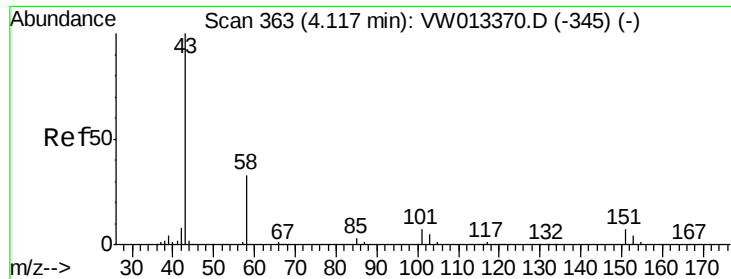
Tgt Ion: 62 Resp: 7685

Ion Ratio Lower Upper

62 100

64 34.5 25.3 37.9





#16

Acetone

Concen: 32.562 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

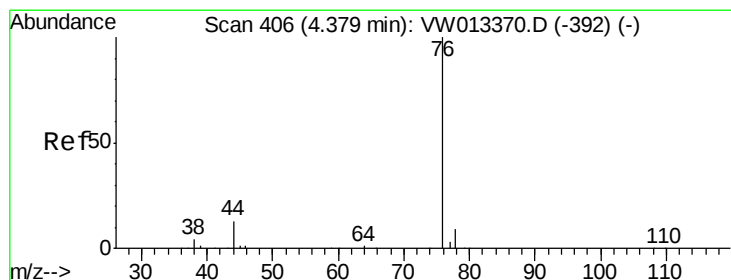
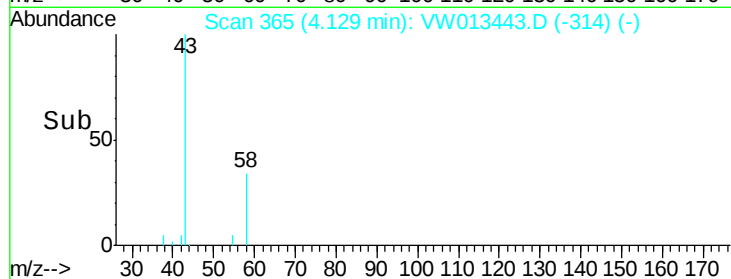
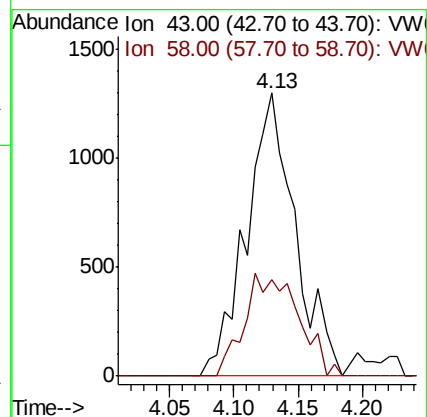
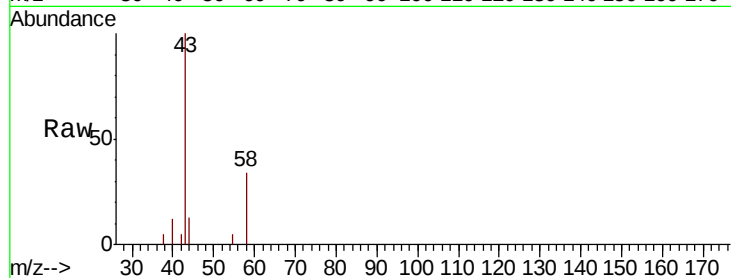
S-4(0-5)

Tot Ion: 43 Resp: 3400

Ion Ratio Lower Upper

43 100

58 34.2 24.1 36.1



#17

Carbon Disulfide

Concen: 6.728 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013443.D

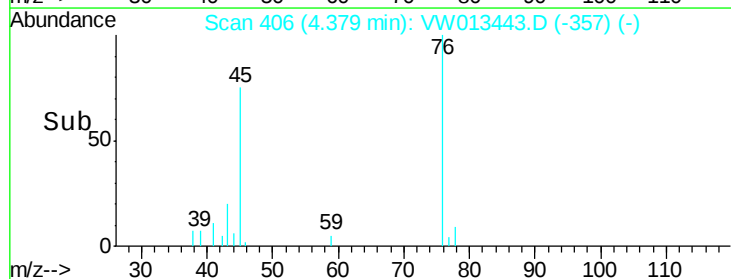
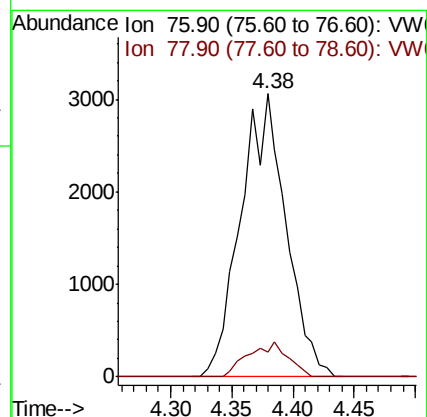
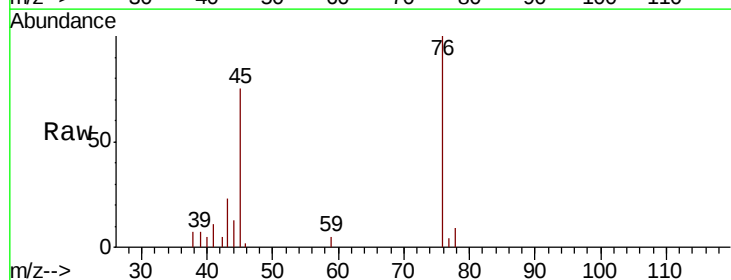
Acq: 04 Oct 2019 17:03

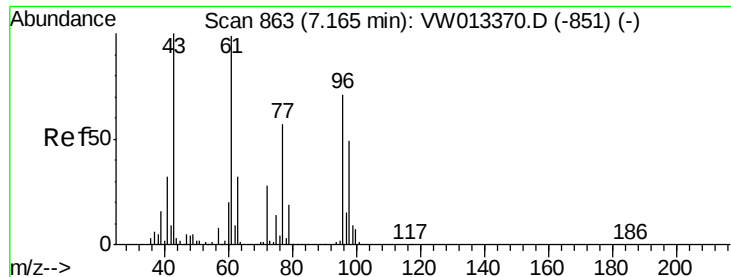
Tgt Ion: 76 Resp: 7883

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



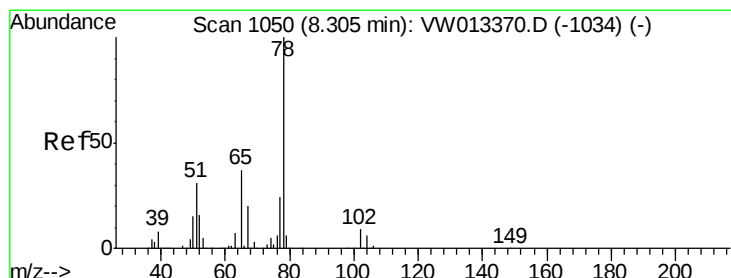
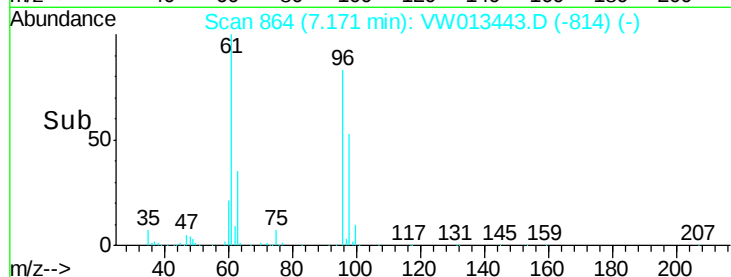
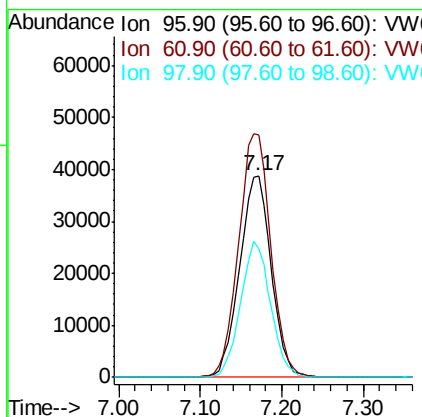
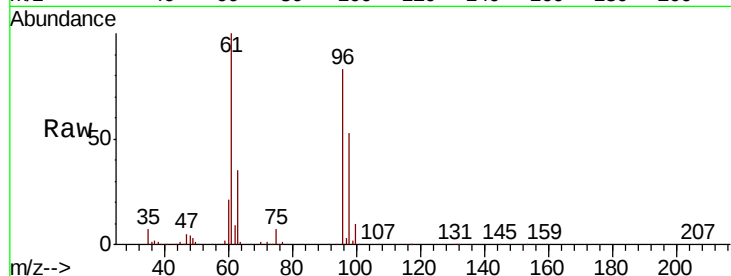


#27

cis-1,2-Dichloroethene
 Concen: 222.605 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(0-5)

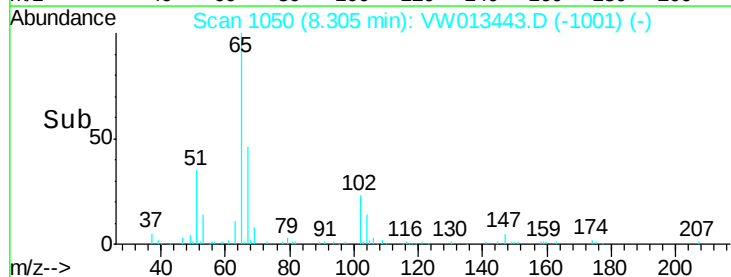
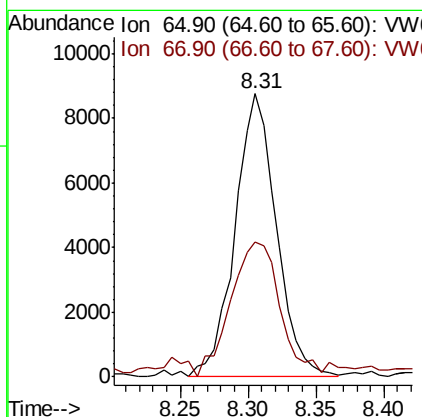
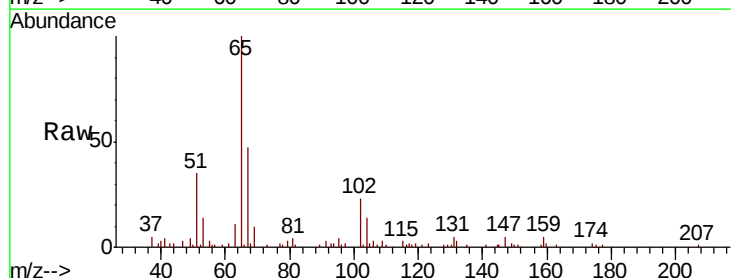
Tot Ion	96	Resp	104211
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	282.4
98	63.9	0.0	128.2

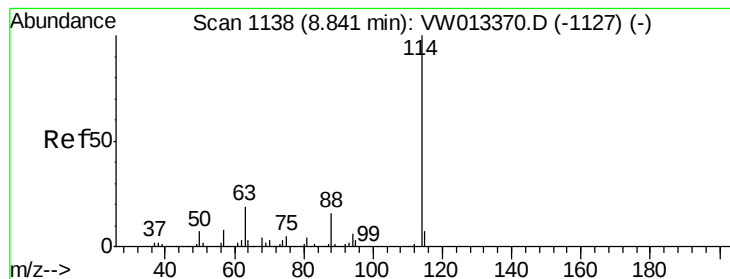


#33

1,2-Dichloroethane-d4
 Concen: 54.608 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013443.D
 Acq: 04 Oct 2019 17:03

Tgt Ion	65	Resp	18602
Ion	Ratio	Lower	Upper
65	100		
67	56.9	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: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

S-4(0-5)

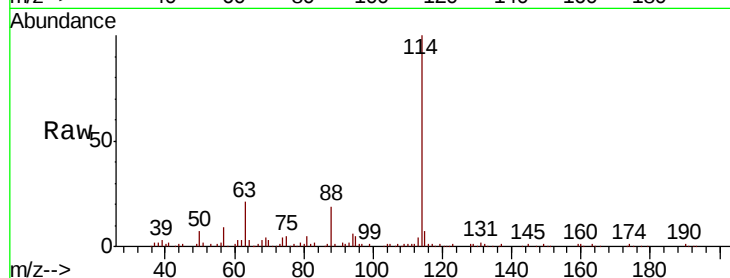
Tot Ion:114 Resp: 63226

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

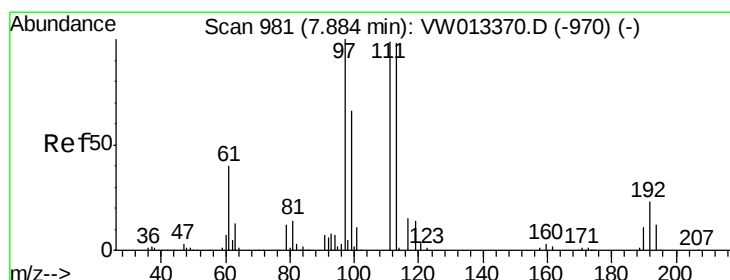
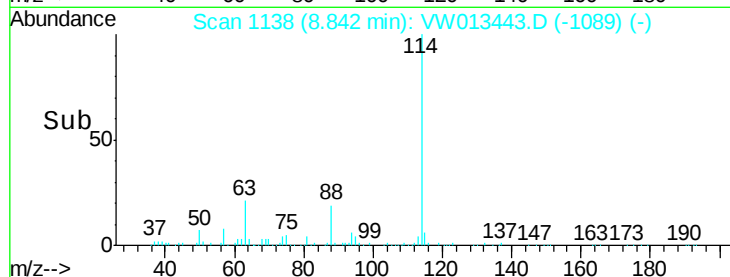
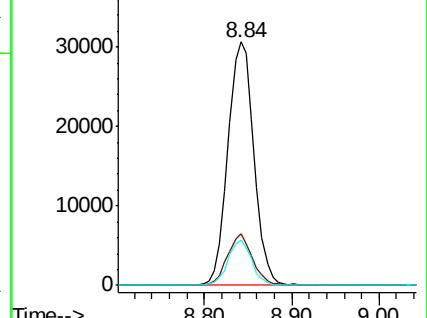
88 18.7 0.0 32.0



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: 55.947 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

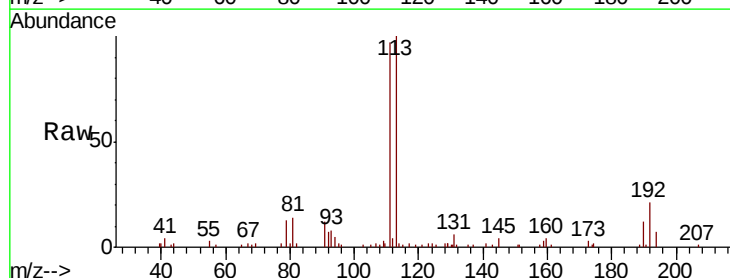
Tgt Ion:113 Resp: 18561

Ion Ratio Lower Upper

113 100

111 98.9 81.9 122.9

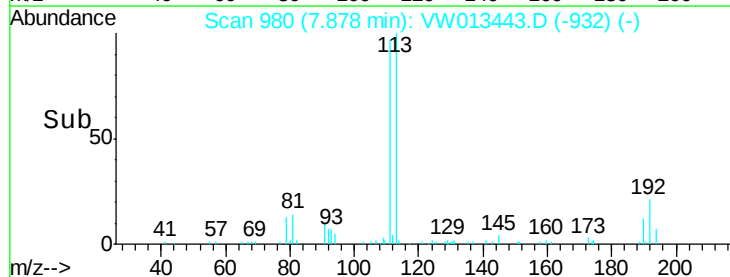
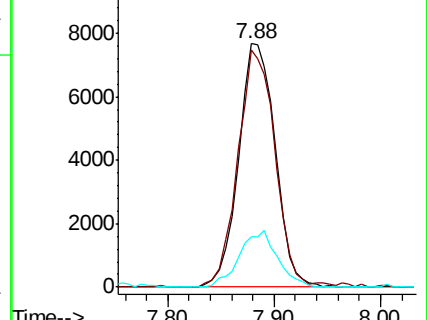
192 24.1 19.1 28.7

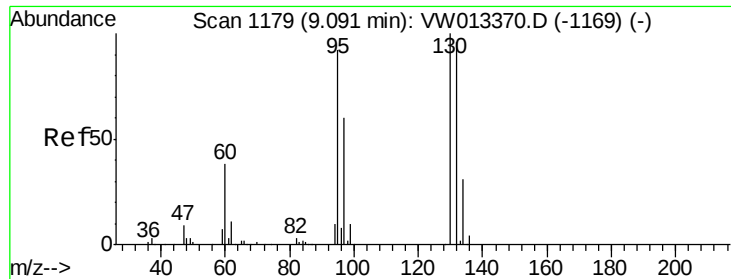


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 28.514 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

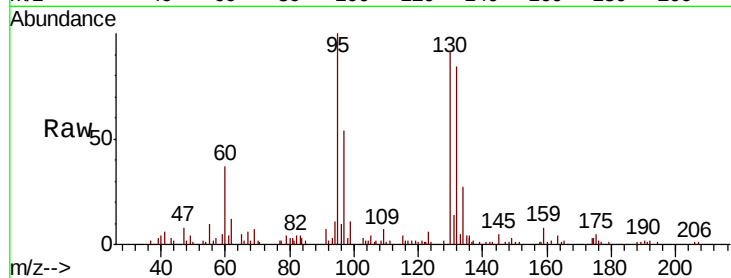
S-4(0-5)

Tot Ion:130 Resp: 13348

Ion Ratio Lower Upper

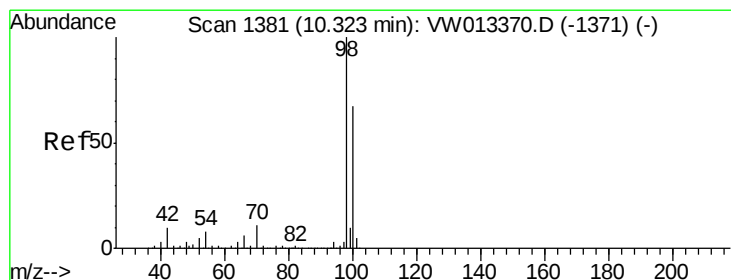
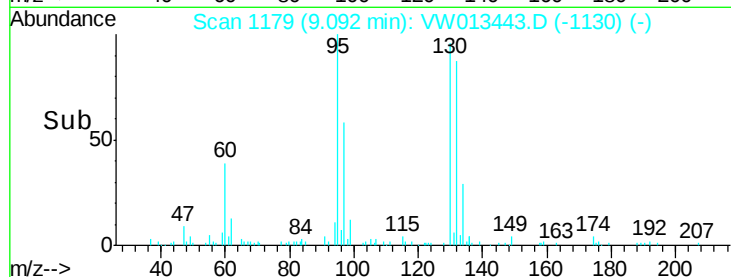
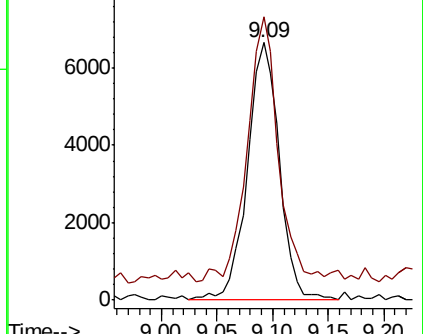
130 100

95 99.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 54.005 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013443.D

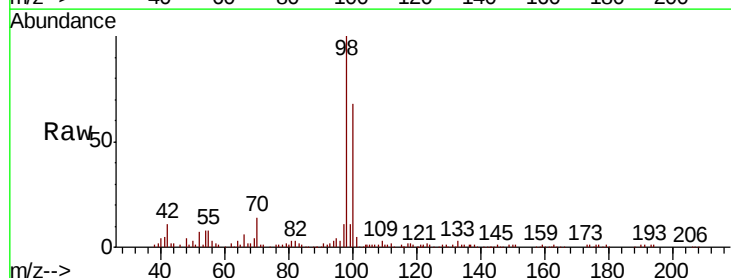
Acq: 04 Oct 2019 17:03

Tgt Ion: 98 Resp: 74352

Ion Ratio Lower Upper

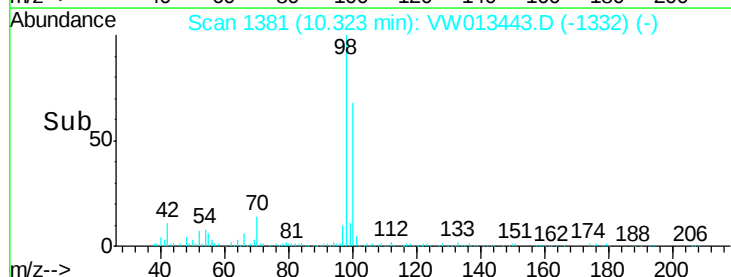
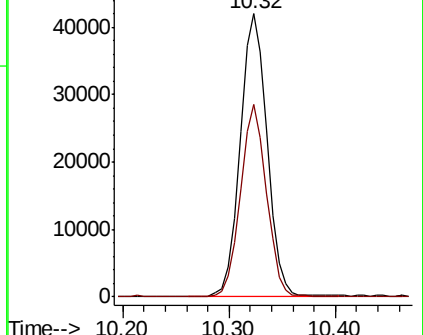
98 100

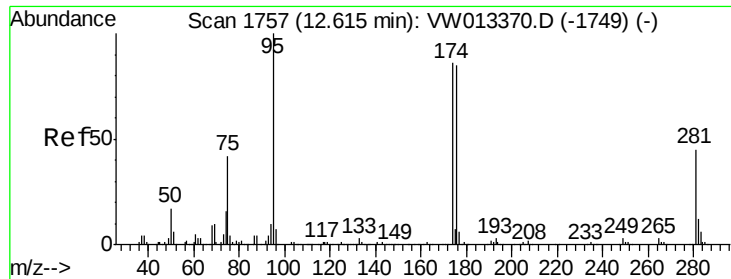
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

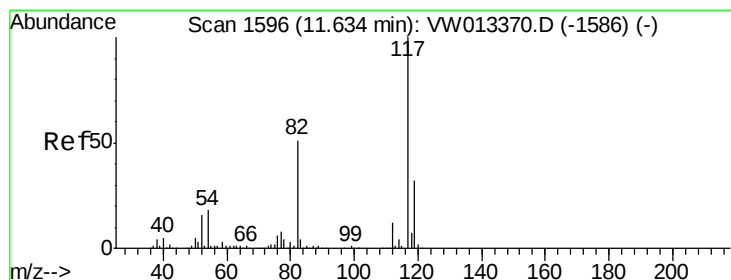
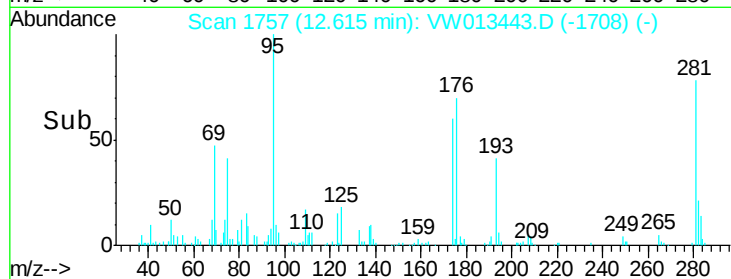
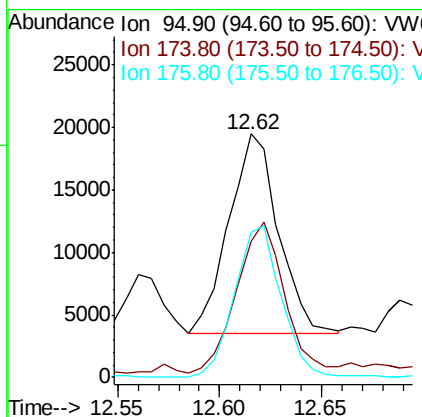
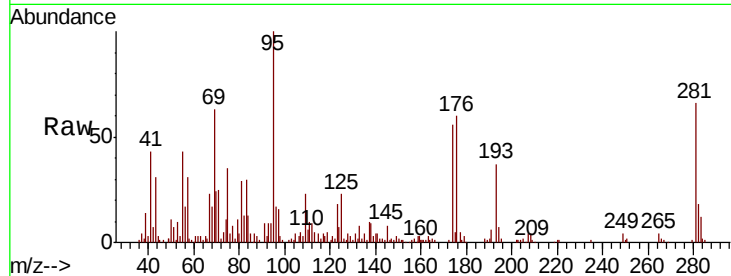




#62
4-Bromofluorobenzene
Concen: 58.236 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

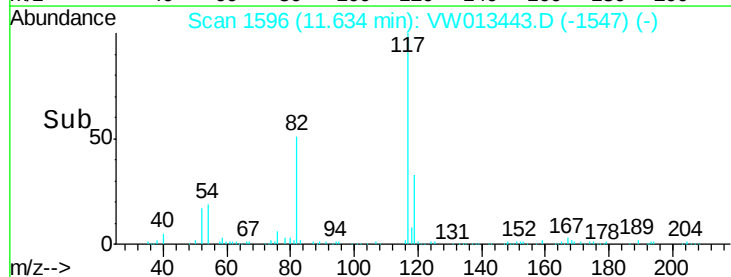
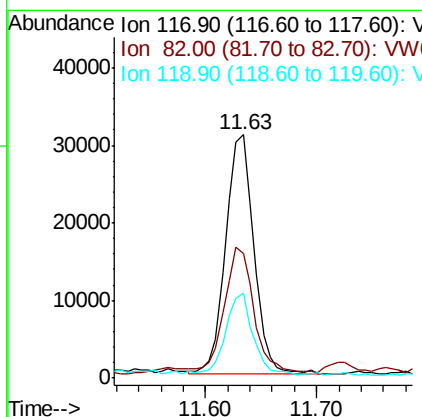
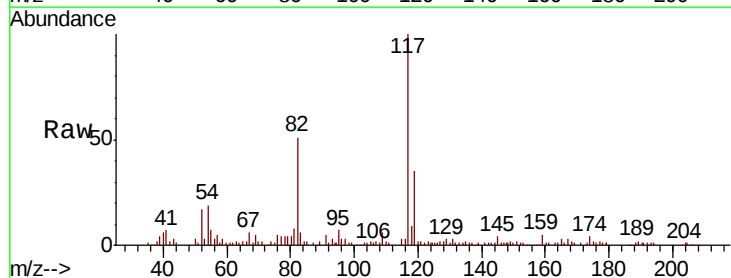
Instrument :
MSVOA_W
ClientSampled :
S-4(0-5)

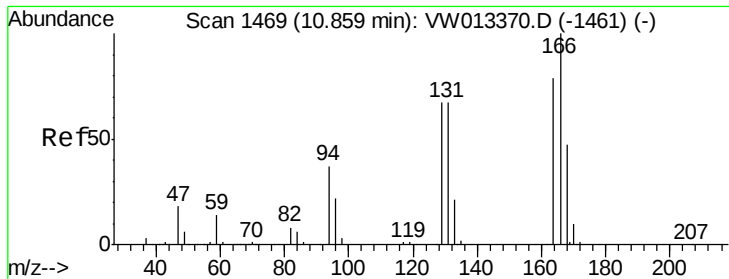
Tot Ion: 95 Resp: 26774
Ion Ratio Lower Upper
95 100
174 73.0 0.0 178.4
176 72.8 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013443.D
Acq: 04 Oct 2019 17:03

Tgt Ion: 117 Resp: 54449
Ion Ratio Lower Upper
117 100
82 47.7 45.9 68.9
119 33.9 26.2 39.2





#64

Tetrachloroethene

Concen: 40.863 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

S-4(0-5)

Tot Ion:164 Resp: 16927

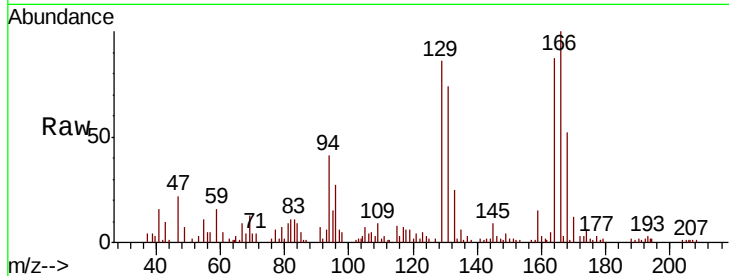
Ion Ratio Lower Upper

164 100

166 114.4 101.2 151.8

129 90.0 68.8 103.2

131 80.1 65.2 97.8

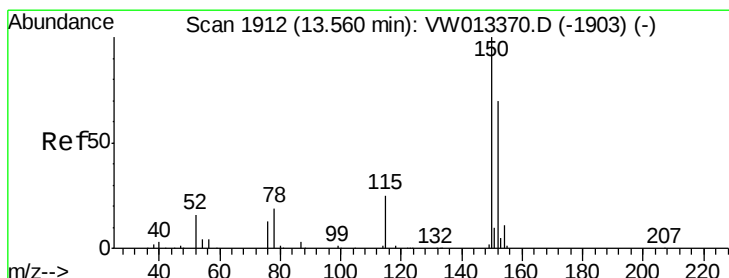
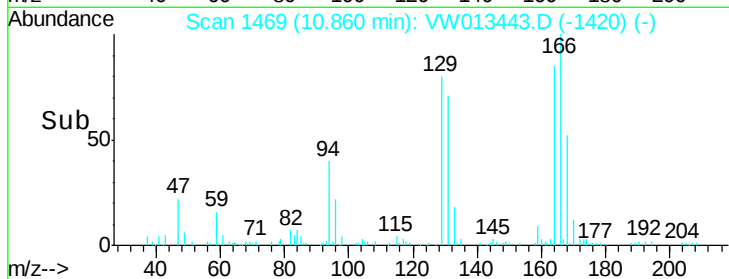
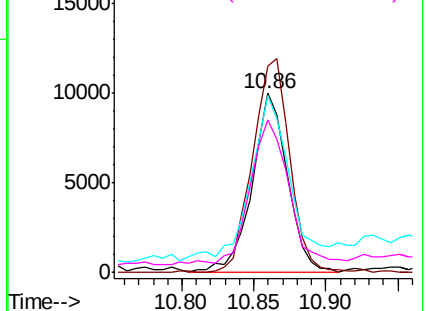


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW013443.D

Acq: 04 Oct 2019 17:03

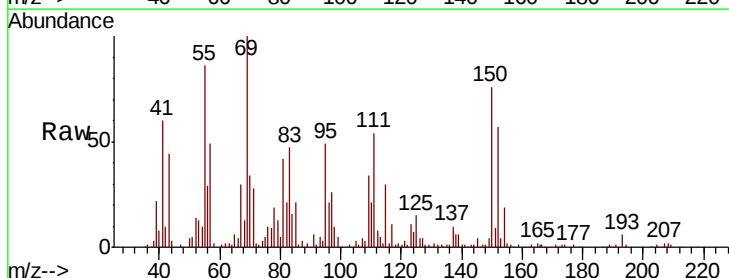
Tgt Ion:152 Resp: 29232

Ion Ratio Lower Upper

152 100

115 36.8 27.3 81.9

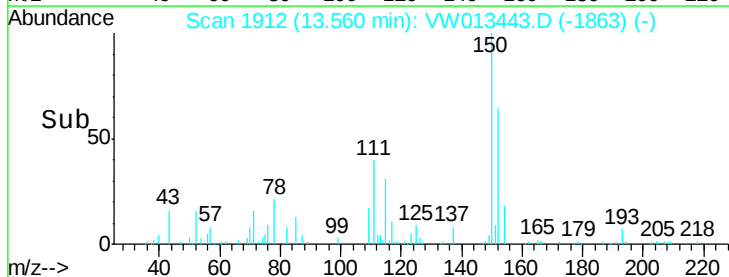
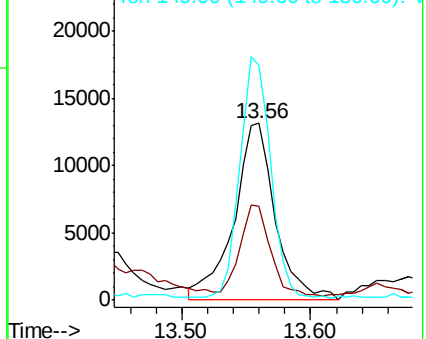
150 100.1 0.0 349.0

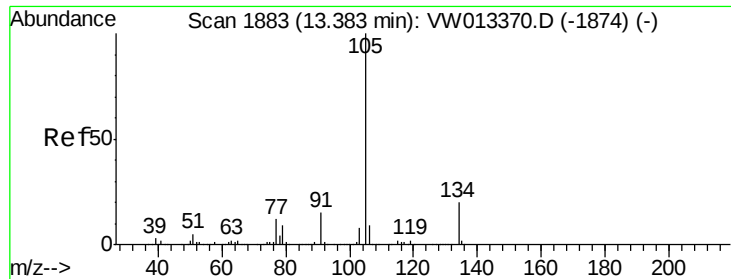


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 12.685 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013443.D

Acq: 04 Oct 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

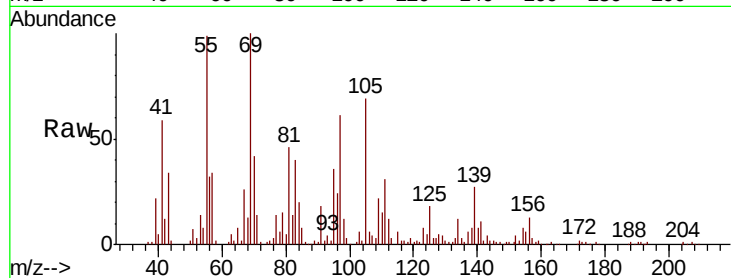
S-4(0-5)

Tot Ion:105 Resp: 27134

Ion Ratio Lower Upper

105 100

134 27.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

