

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013446.D
 Acq On : 04 Oct 2019 18:20
 Operator : SY/VA
 Sample : K5213-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-10)

Quant Time: Oct 05 06:50:13 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

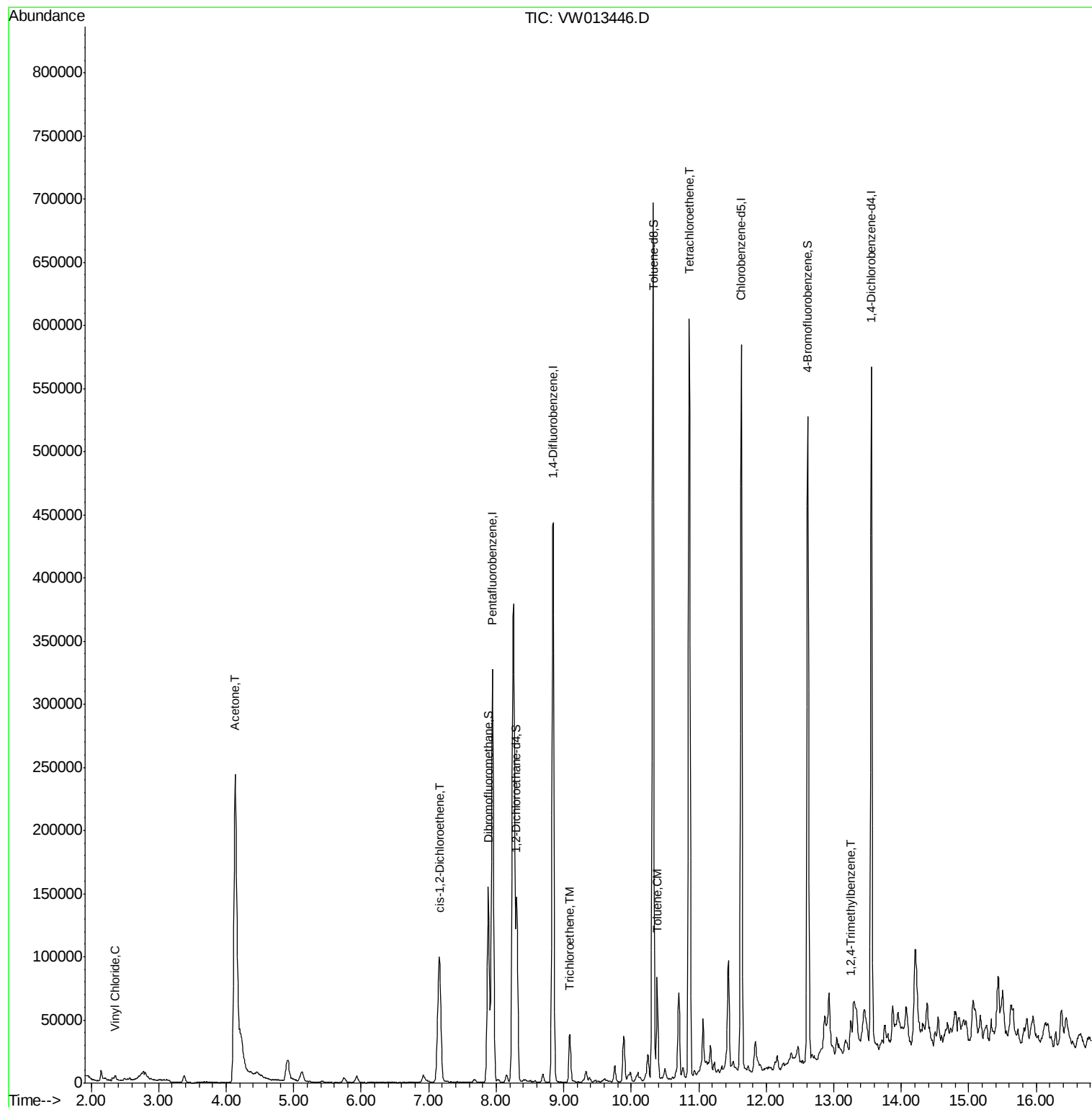
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109296	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.88	113	111029	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.32	98	470370	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.62	95	149937	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
Target Compounds						
4) Vinyl Chloride	2.36	62	2829	1.112	ug/l #	86
16) Acetone	4.14	43	648861	1009.659	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	35722	12.398	ug/l	94
44) Trichloroethene	9.09	130	13977	4.616	ug/l	94
52) Toluene	10.38	92	35982	5.188	ug/l	99
64) Tetrachloroethene	10.86	164	153009	58.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	13075	1.386	ug/l	98

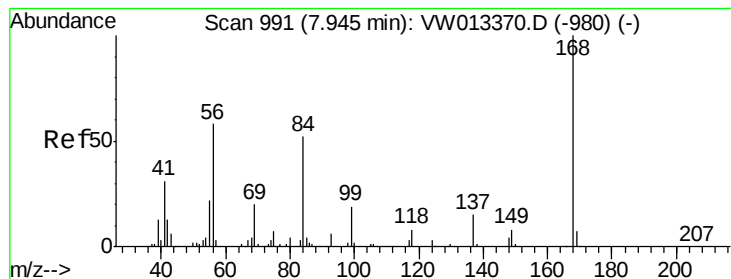
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :
S-1(5-10)

Quant Time: Oct 05 06:50:13 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: VW013446.D

Acq: 04 Oct 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

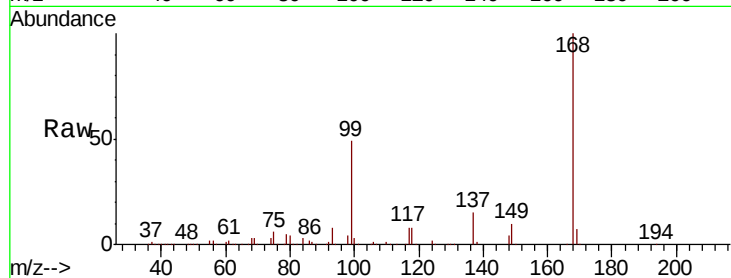
S-1(5-10)

Tot Ion:168 Resp: 280795

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

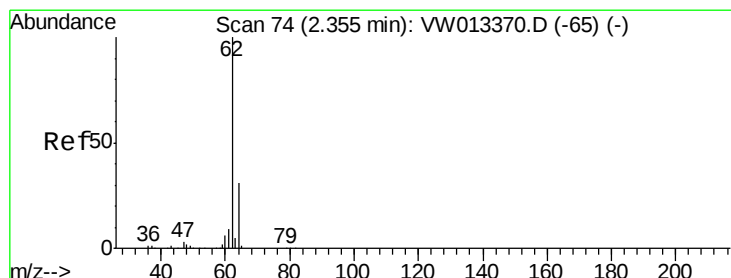
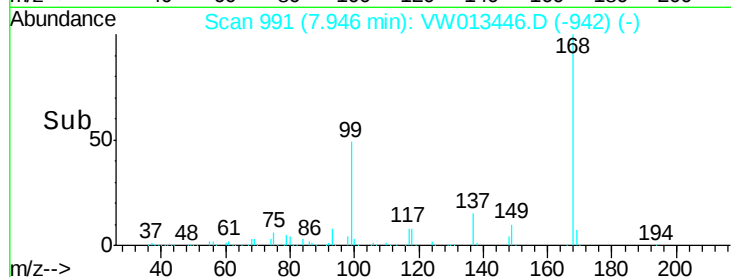
7.95

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.112 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013446.D

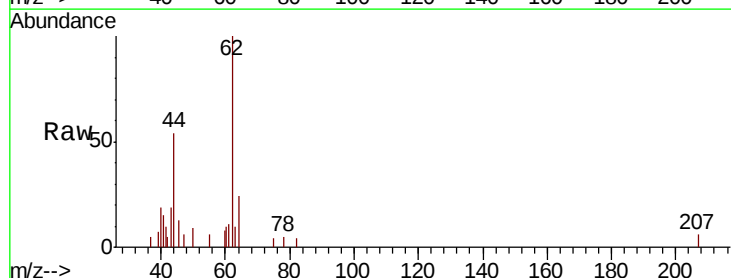
Acq: 04 Oct 2019 18:20

Tgt Ion: 62 Resp: 2829

Ion Ratio Lower Upper

62 100

64 23.7 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

2000

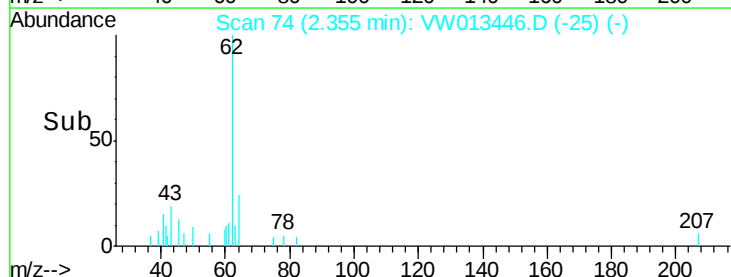
1500

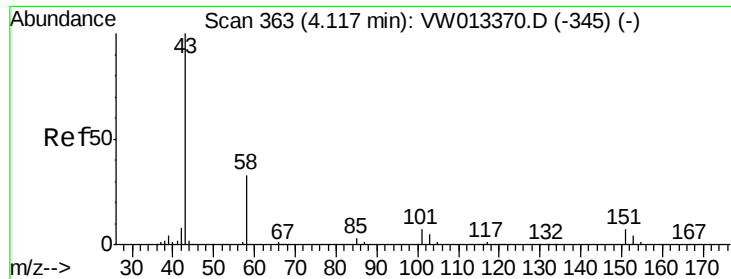
1000

500

0

Time-->





#16

Acetone

Concen: 1009.659 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013446.D

Acq: 04 Oct 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

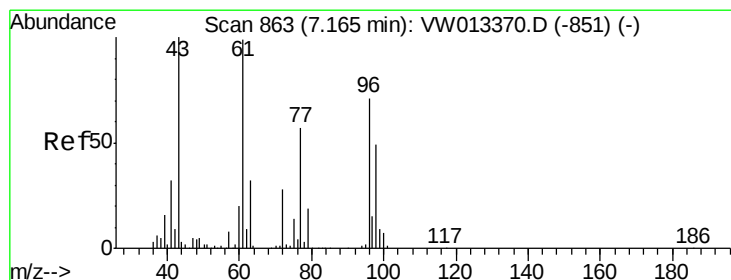
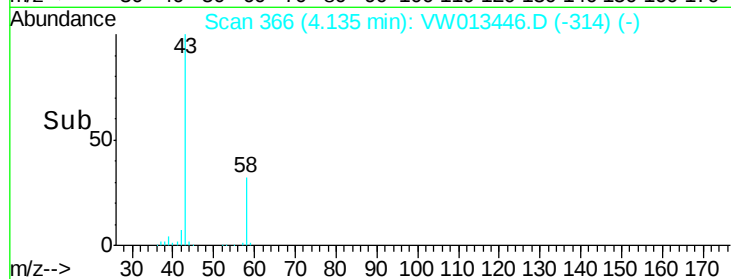
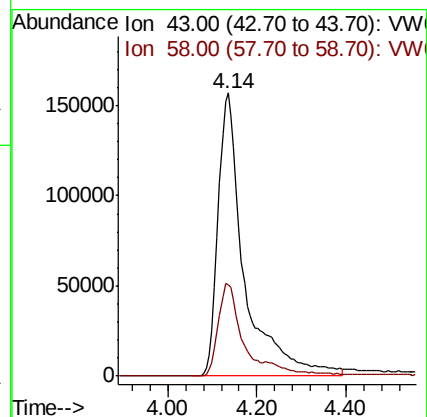
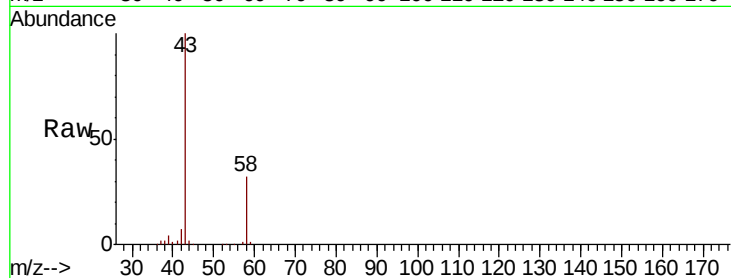
S-1(5-10)

Tot Ion: 43 Resp: 648861

Ion Ratio Lower Upper

43 100

58 32.3 24.1 36.1



#27

cis-1,2-Dichloroethene

Concen: 12.398 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013446.D

Acq: 04 Oct 2019 18:20

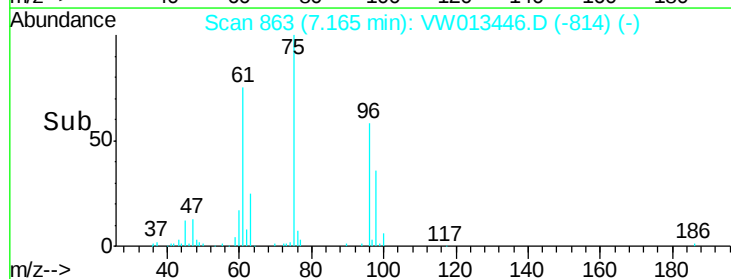
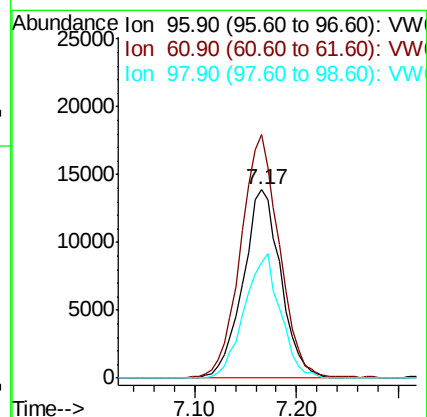
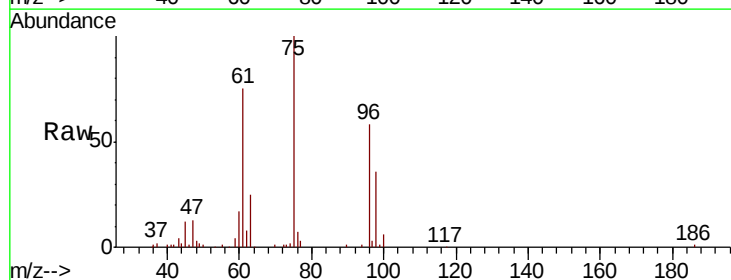
Tgt Ion: 96 Resp: 35722

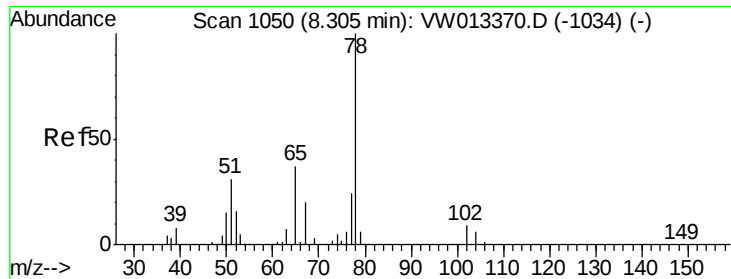
Ion Ratio Lower Upper

96 100

61 131.7 0.0 282.4

98 62.8 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 52.130 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013446.D

Acq: 04 Oct 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

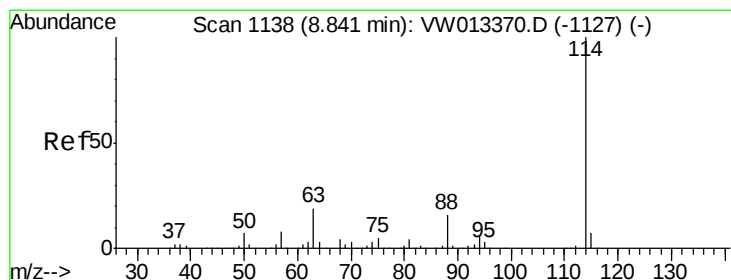
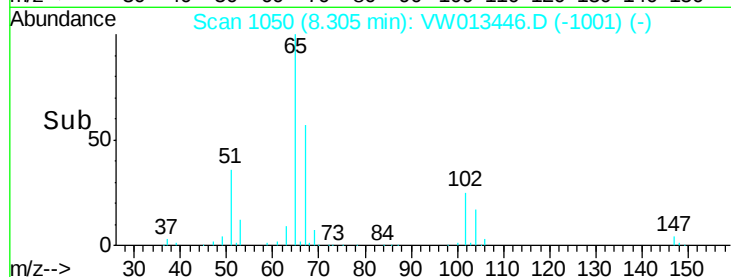
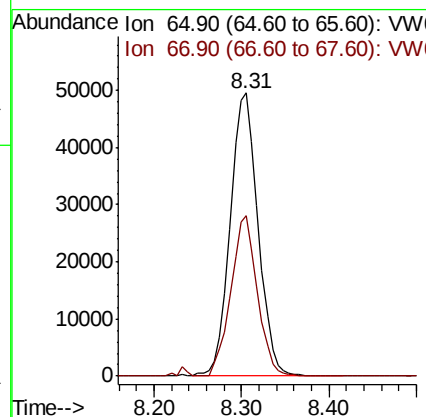
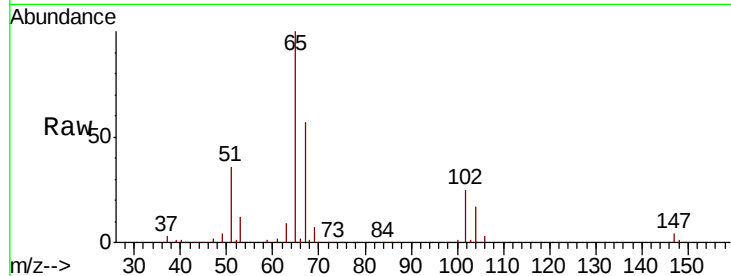
S-1(5-10)

Tot Ion: 65 Resp: 109296

Ion Ratio Lower Upper

65 100

67 54.2 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: VW013446.D

Acq: 04 Oct 2019 18:20

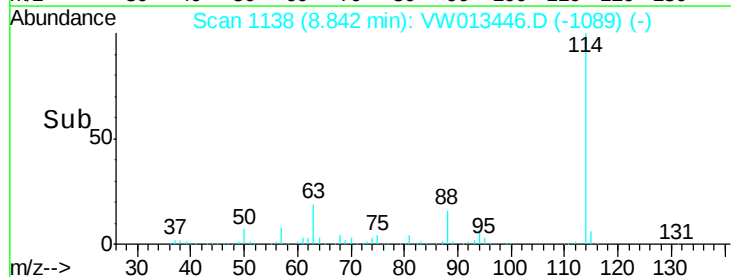
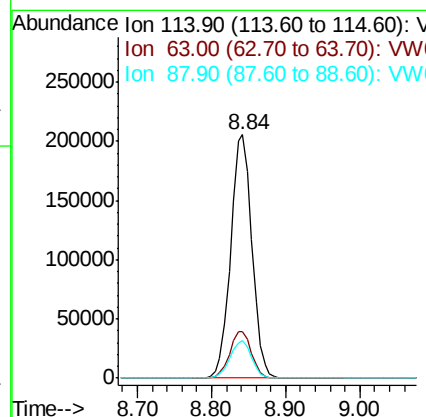
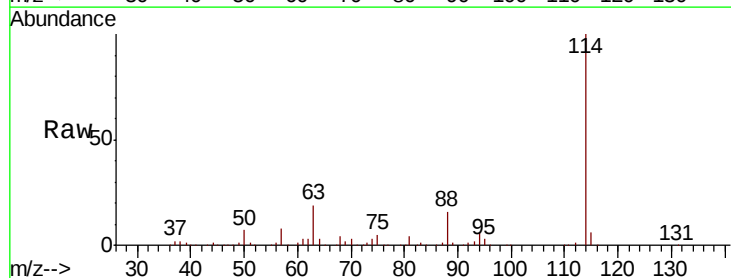
Tgt Ion: 114 Resp: 408989

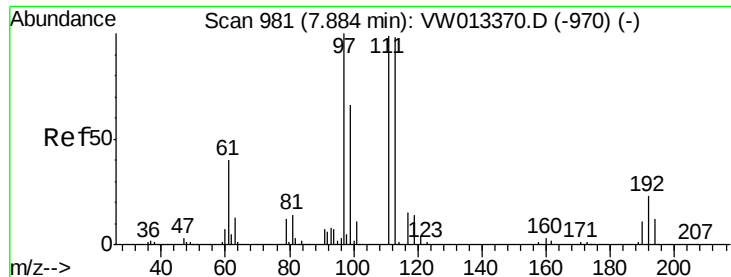
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.7 0.0 32.0

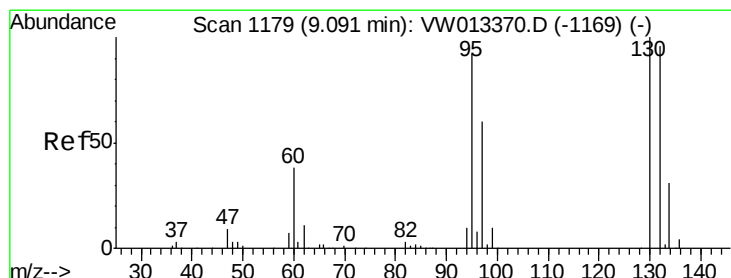
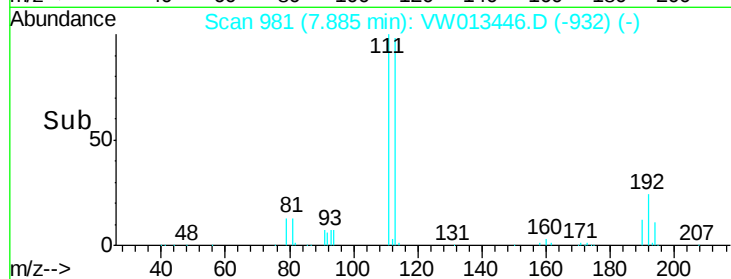
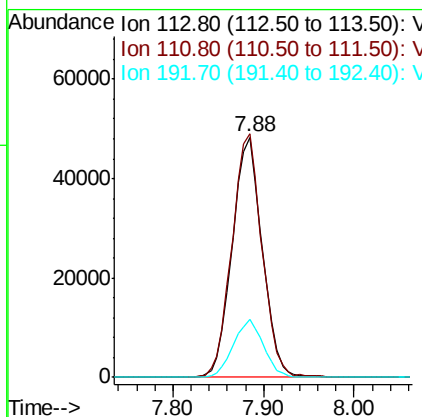
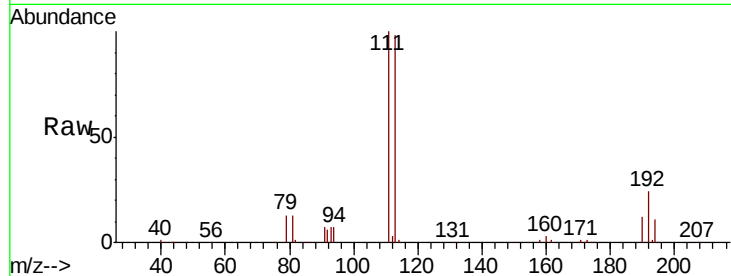




#35
 Dibromofluoromethane
 Concen: 51.736 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013446.D
 Acq: 04 Oct 2019 18:20

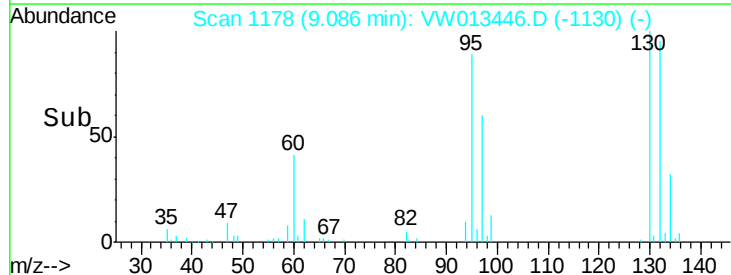
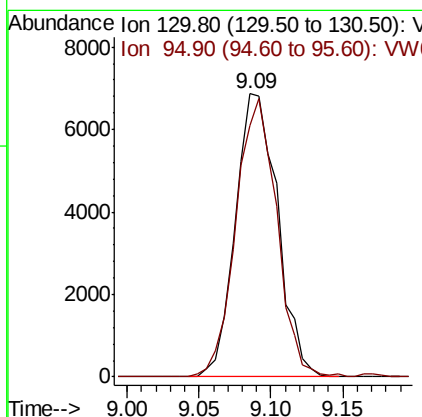
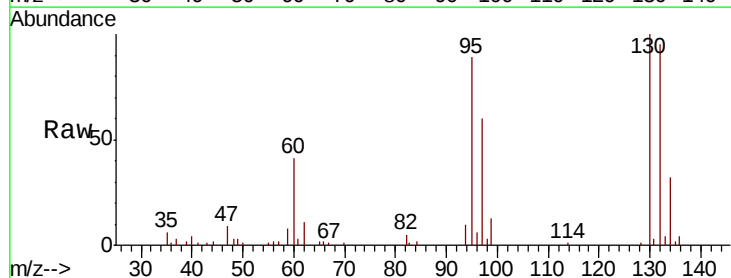
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-10)

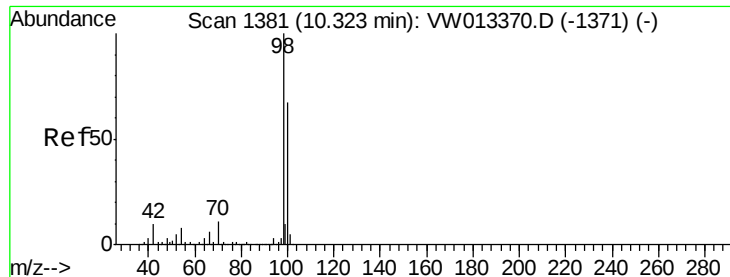
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	24.1	19.1	28.7



#44
 Trichloroethene
 Concen: 4.616 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW013446.D
 Acq: 04 Oct 2019 18:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	188.0





#50

Toluene-d8

Concen: 52.816 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013446.D

Acq: 04 Oct 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

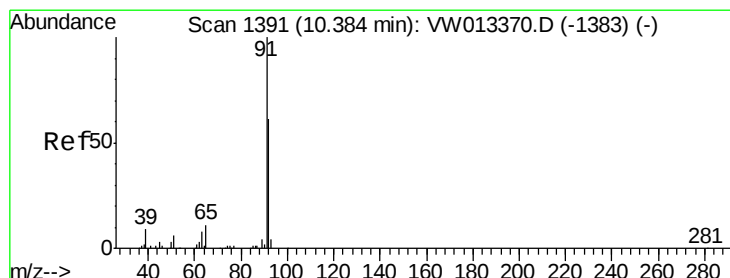
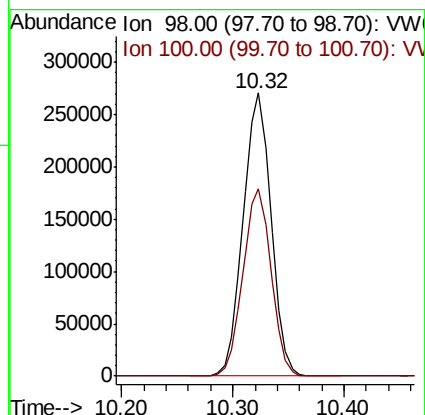
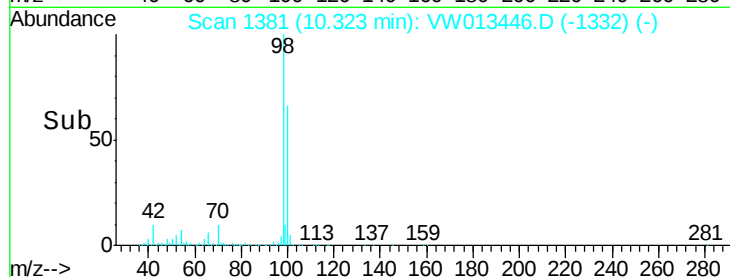
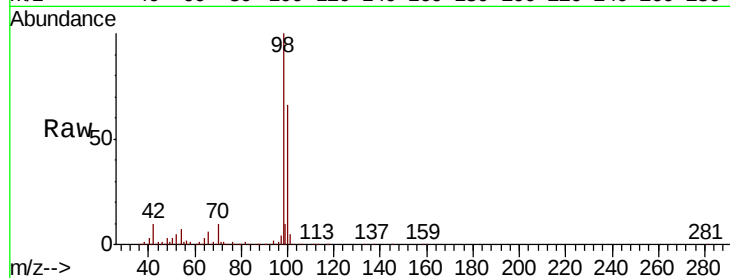
S-1(5-10)

Tot Ion: 98 Resp: 470370

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3



#52

Toluene

Concen: 5.188 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013446.D

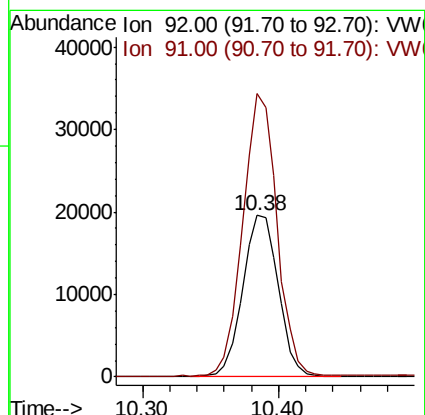
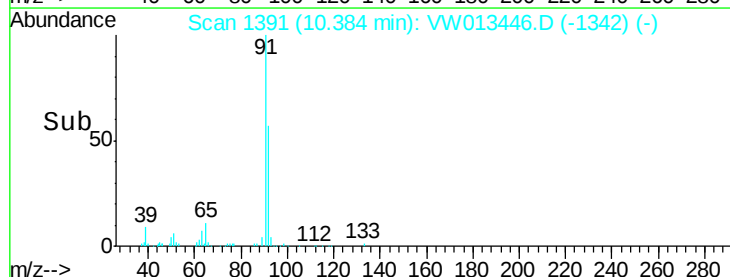
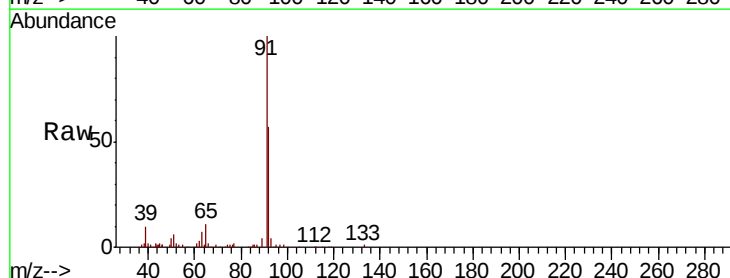
Acq: 04 Oct 2019 18:20

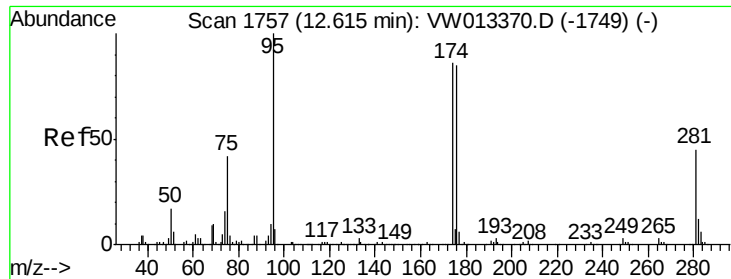
Tgt Ion: 92 Resp: 35982

Ion Ratio Lower Upper

92 100

91 167.8 135.7 203.5

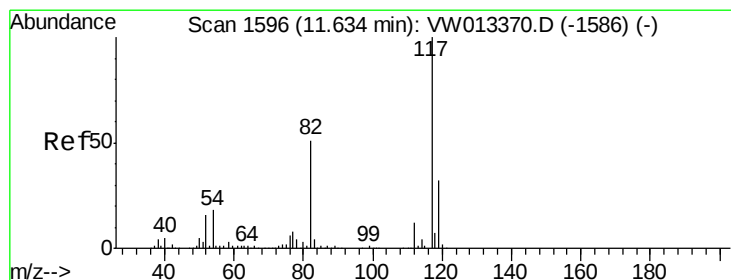
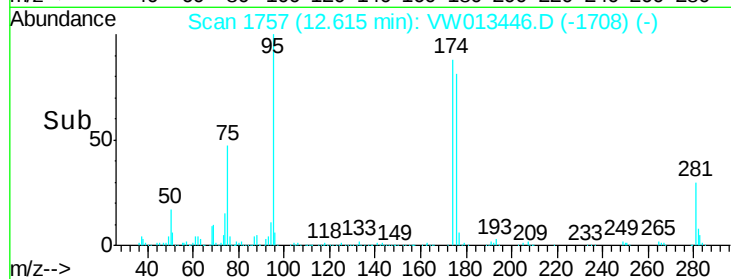
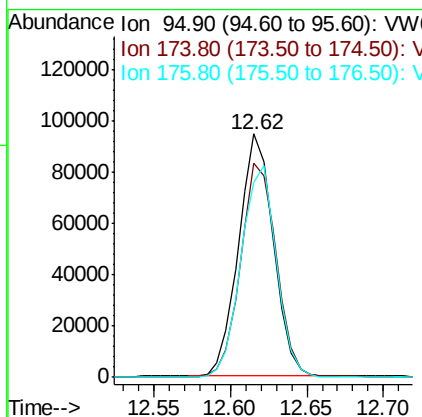
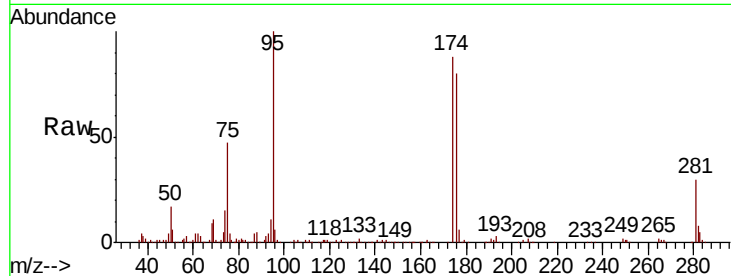




#62
4-Bromofluorobenzene
Concen: 50.417 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013446.D
Acq: 04 Oct 2019 18:20

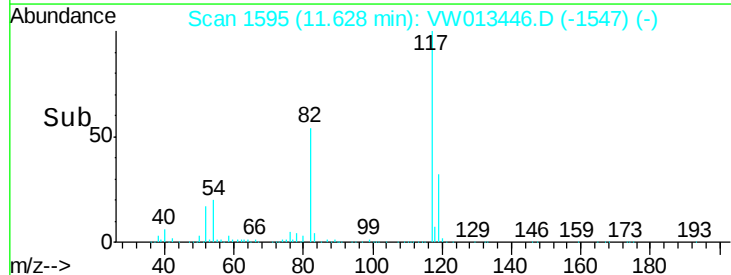
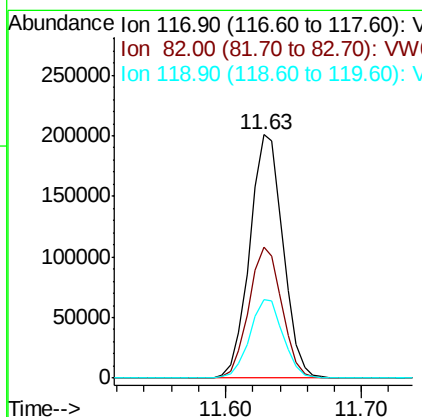
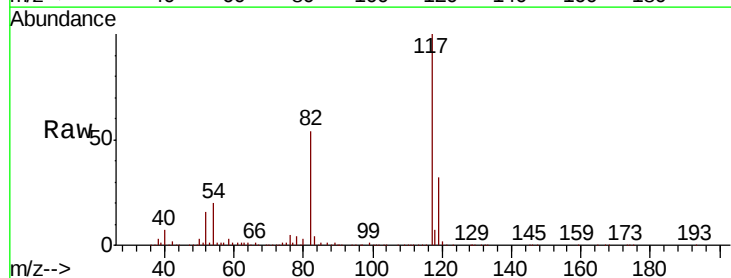
Instrument :
MSVOA_W
ClientSampleId :
S-1(5-10)

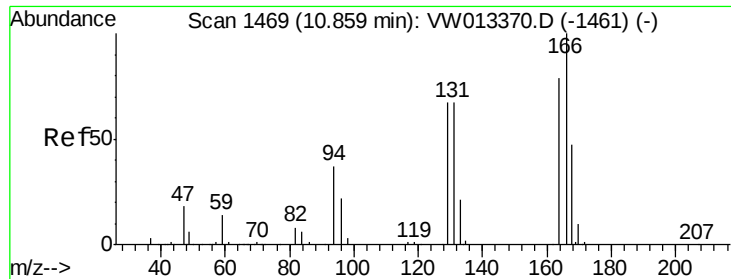
Tot Ion	95	Resp	149937
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	178.4
176	88.6	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013446.D
Acq: 04 Oct 2019 18:20

Tgt Ion	117	Resp	345437
Ion Ratio	Lower	Upper	
117	100		
82	53.8	45.9	68.9
119	32.3	26.2	39.2

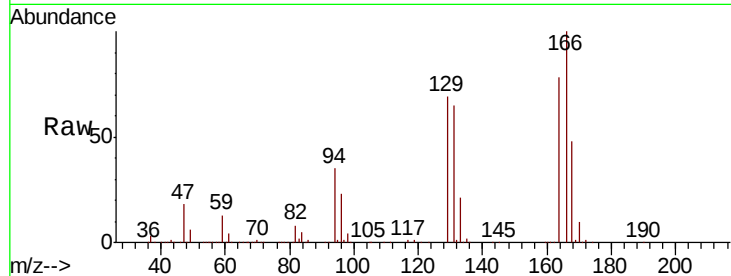




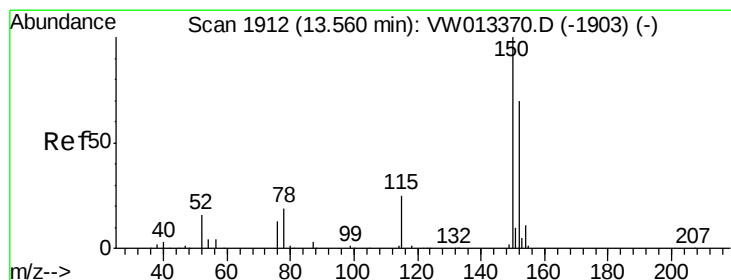
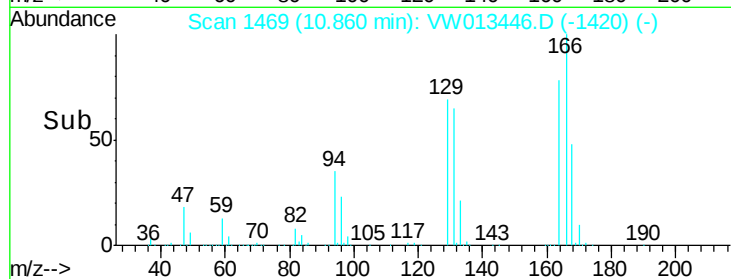
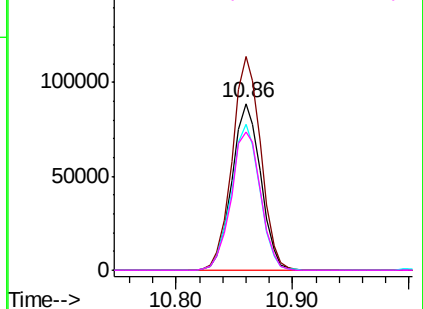
#64
Tetrachloroethene
Concen: 58.221 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013446.D
Acq: 04 Oct 2019 18:20

Instrument :
MSVOA_W
ClientSampleId :
S-1(5-10)

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.2	151.8
129	87.7	68.8	103.2
131	82.8	65.2	97.8

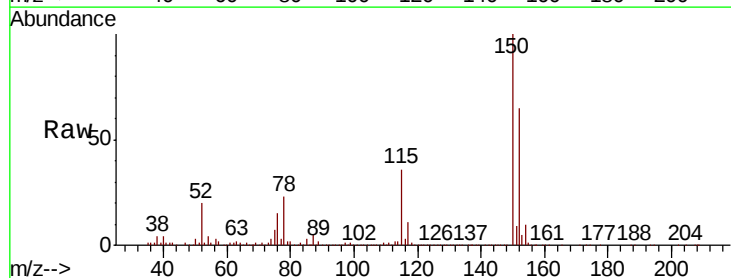


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

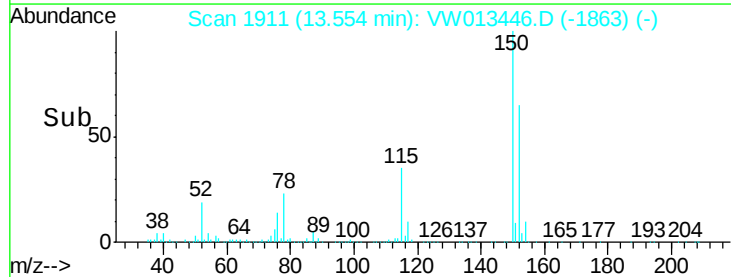
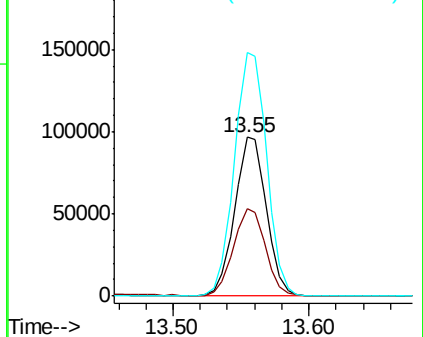


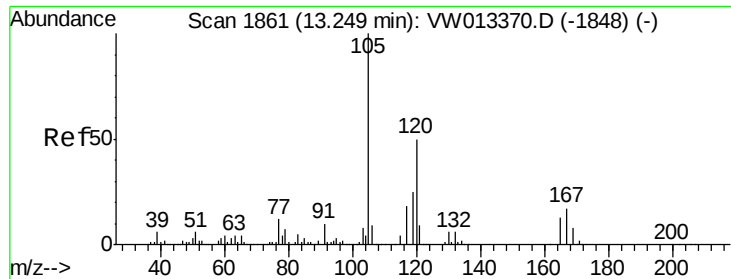
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013446.D
Acq: 04 Oct 2019 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	157.1	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

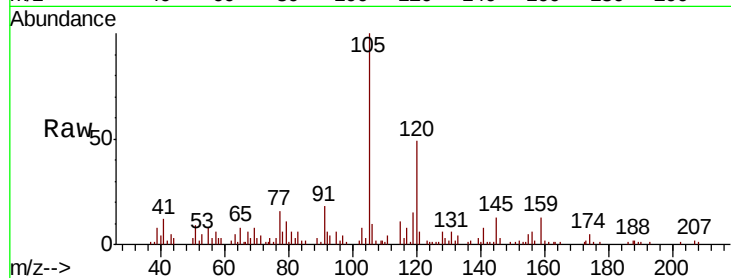




#84
 1,2,4-Trimethylbenzene
 Concen: 1.386 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013446.D
 Acq: 04 Oct 2019 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-10)

Tot Ion:105 Resp: 13075
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

