

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013447.D
 Acq On : 04 Oct 2019 18:46
 Operator : SY/VA
 Sample : K5213-04
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(5-10)

Manual Integrations
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MMDadoda
 10/9/2019 11:47:56 AM

Quant Time: Oct 05 07:01:08 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	334001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125318	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	7.88	113	134407	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
50) Toluene-d8	10.32	98	566789	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.62	95	183432	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
Target Compounds						
4) Vinyl Chloride	2.35	62	22614	7.475	ug/l	98
16) Acetone	4.15	43	166542m	217.866	ug/l	
27) cis-1,2-Dichloroethene	7.16	96	172968	50.468	ug/l	92
44) Trichloroethene	9.09	130	17409	4.793	ug/l	89
52) Toluene	10.38	92	14919	1.793	ug/l	95
64) Tetrachloroethene	10.86	164	31290	9.882	ug/l	98

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

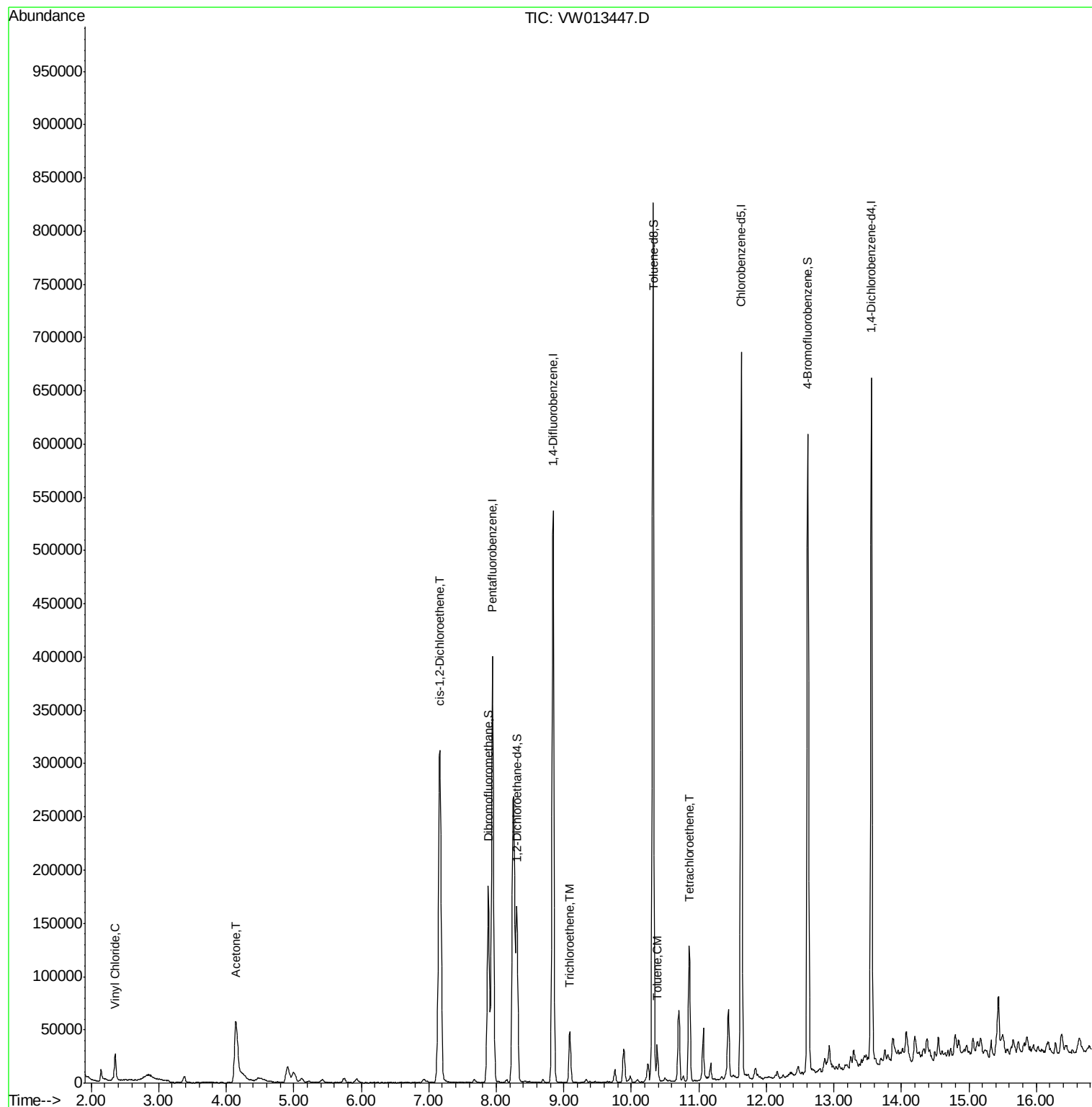
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100419\
Data File : VW013447.D
Acq On : 04 Oct 2019 18:46
Operator : SY/VA
Sample : K5213-04
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

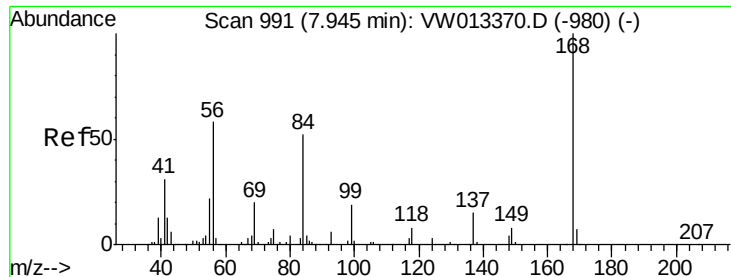
Instrument :
MSVOA_W
ClientSampleId :
S-2(5-10)

Manual Integrations
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Quant Time: Oct 05 07:01:08 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: VW013447.D

Acq: 04 Oct 2019 18:46

Instrument :

MSVOA_W

ClientSampleId :

S-2(5-10)

Tot Ion:168 Resp: 334001

Ion Ratio Lower Upper

168 100

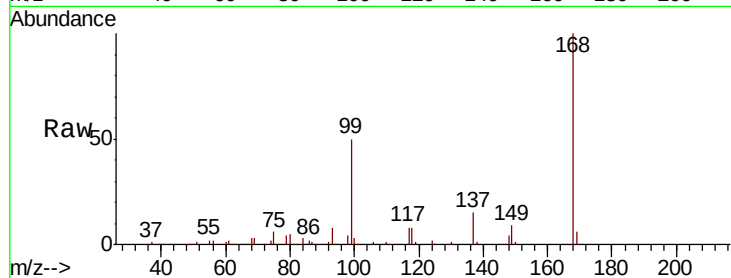
99 49.8 40.2 60.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

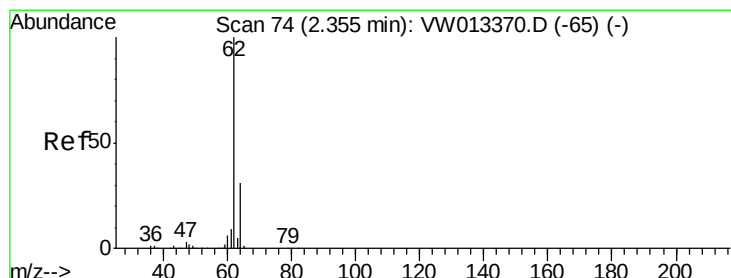
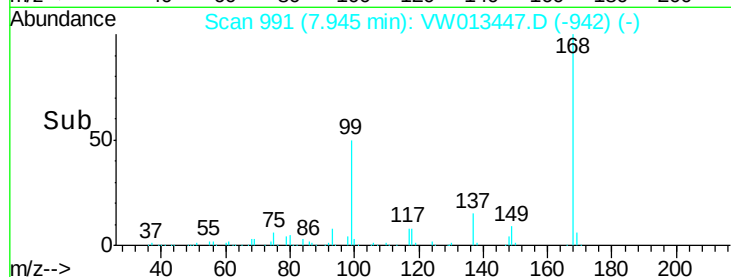
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 7.475 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013447.D

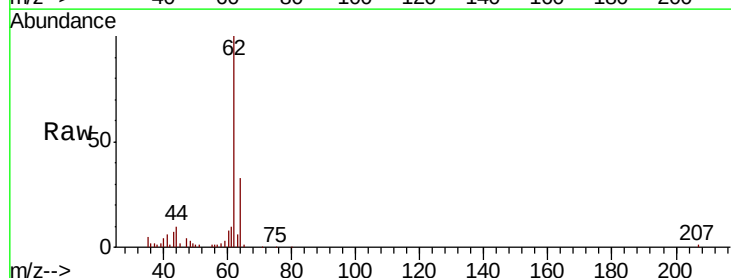
Acq: 04 Oct 2019 18:46

Tgt Ion: 62 Resp: 22614

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

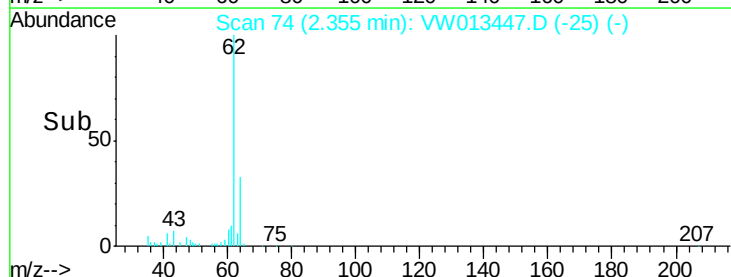
15000

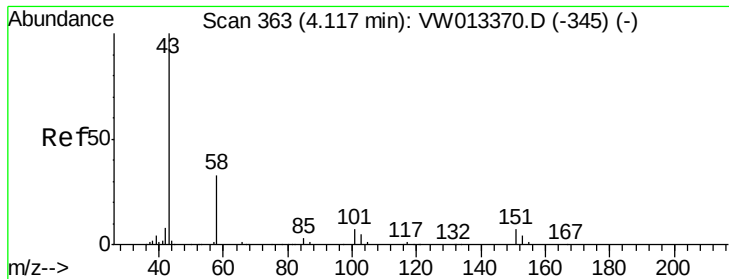
10000

5000

0

Time--> 2.30 2.35 2.40 2.45





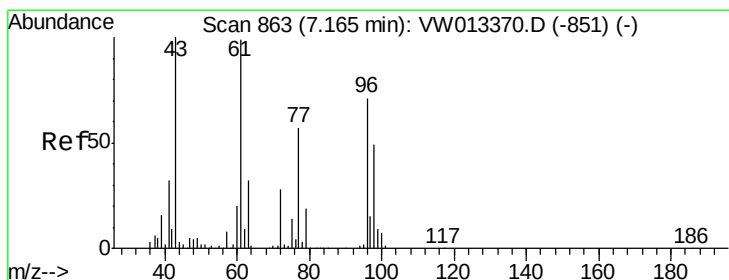
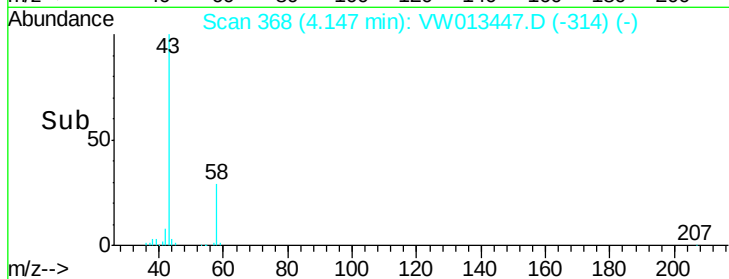
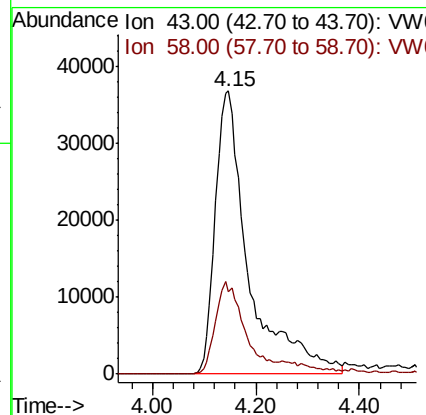
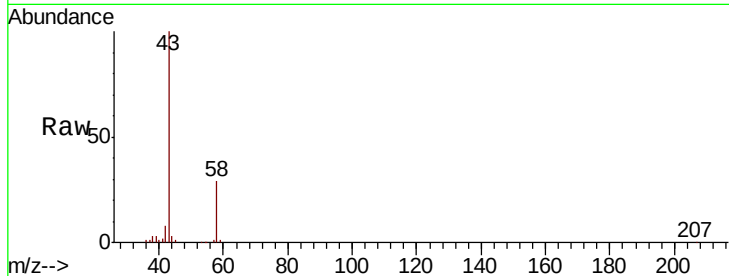
#16
Acetone
Concen: 217.866 ug/l m
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Instrument :
MSVOA_W
ClientSampleId :
S-2(5-10)

Tot Ion: 43 Resp: 166542
Ion Ratio Lower Upper
43 100
58 29.2 24.1 36.1

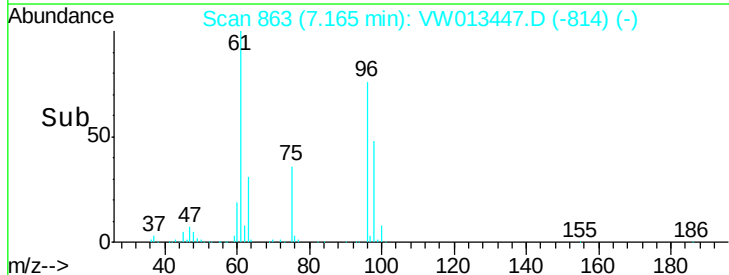
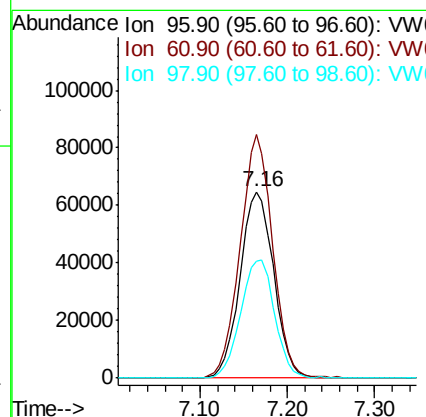
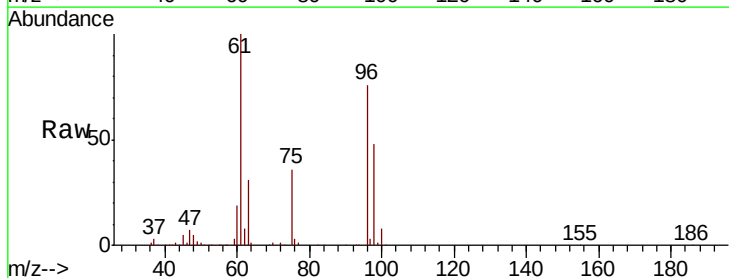
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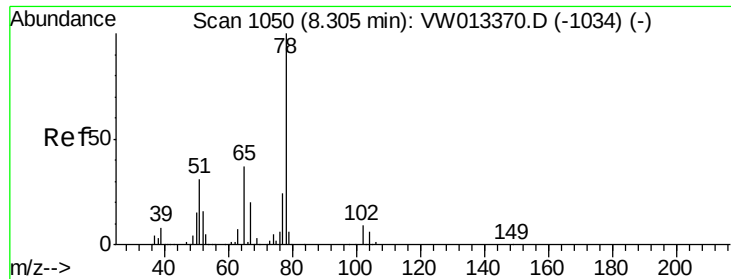
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#27
cis-1,2-Dichloroethene
Concen: 50.468 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Tgt Ion: 96 Resp: 172968
Ion Ratio Lower Upper
96 100
61 126.1 0.0 282.4
98 64.1 0.0 128.2





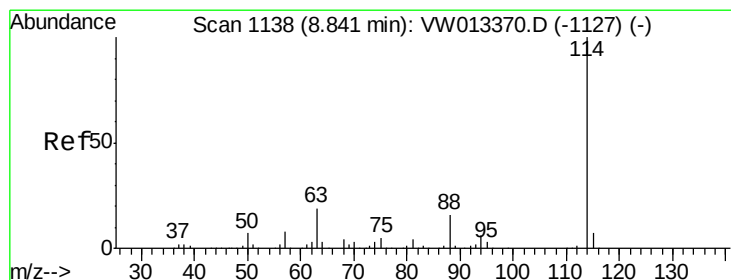
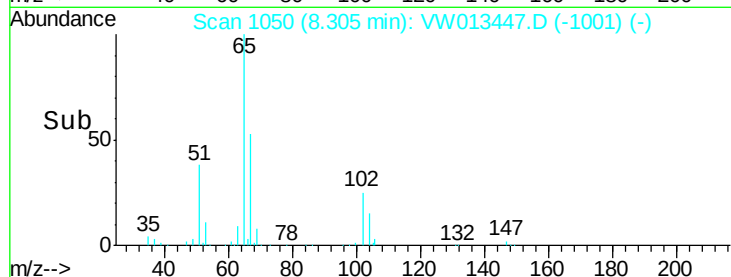
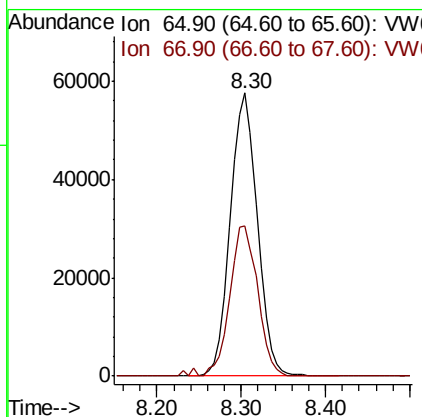
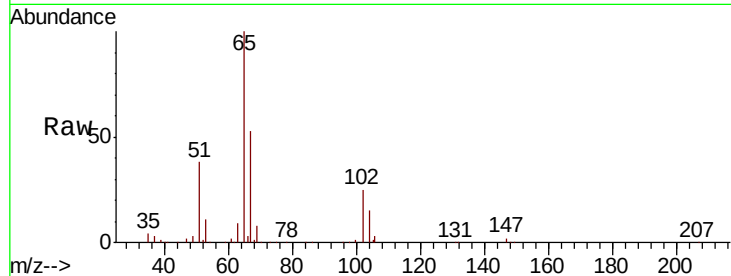
#33
 1,2-Dichloroethane-d4
 Concen: 50.250 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013447.D
 Acq: 04 Oct 2019 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(5-10)

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.2

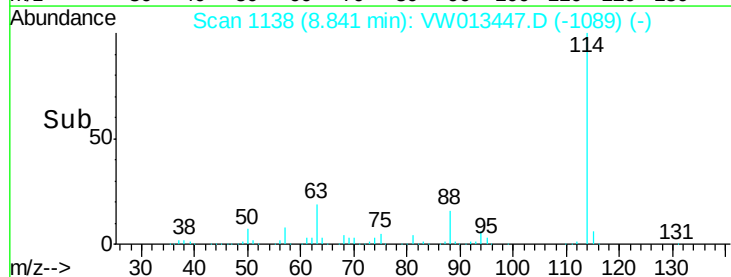
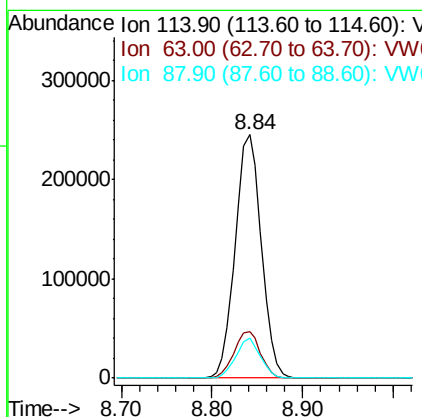
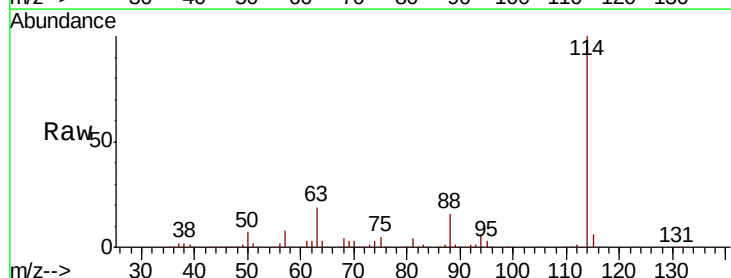
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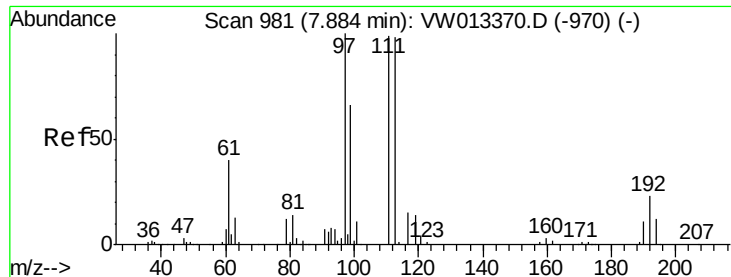
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013447.D
 Acq: 04 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.4
88	16.3	0.0	32.0





#35

Dibromofluoromethane

Concen: 52.213 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013447.D

Acq: 04 Oct 2019 18:46

Instrument :

MSVOA_W

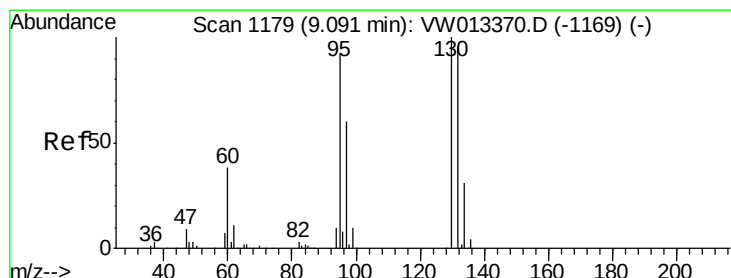
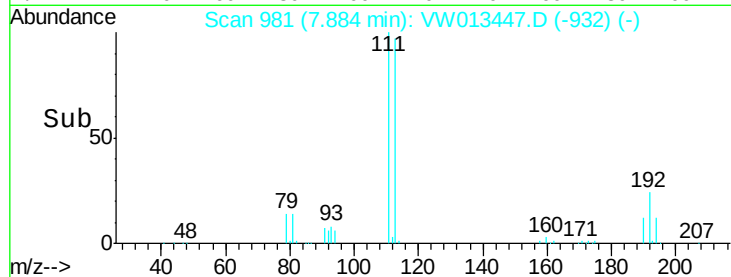
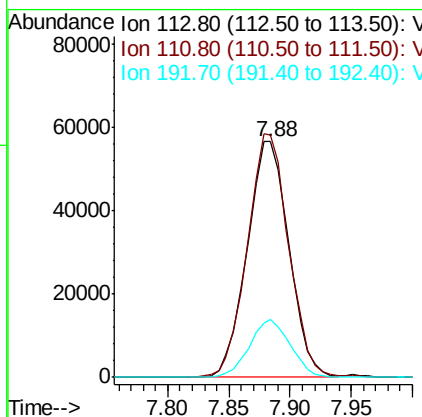
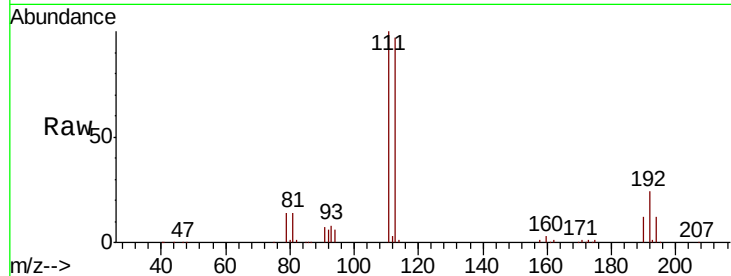
ClientSampleId :

S-2(5-10)

Tot Ion:	113	Resp:	134407
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	23.9	19.1	28.7

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#44

Trichloroethene

Concen: 4.793 ug/l

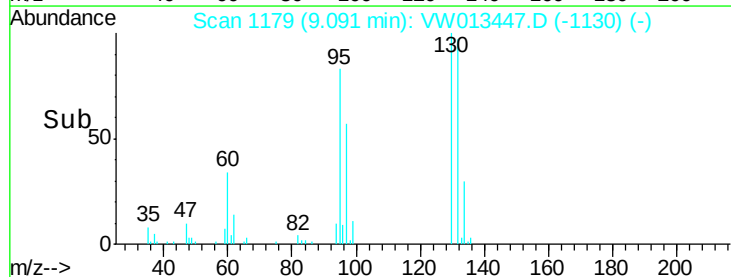
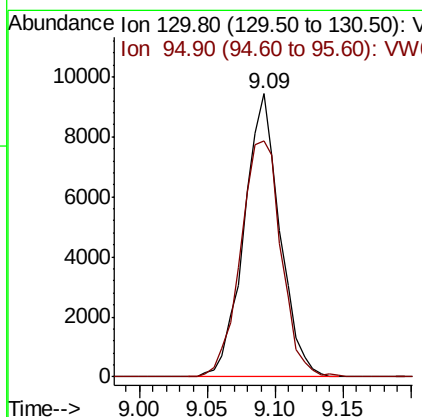
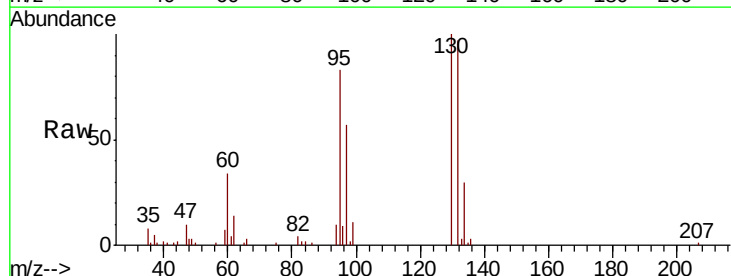
RT: 9.09 min Scan# 1179

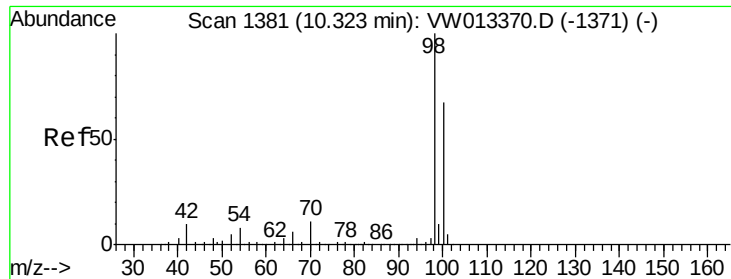
Delta R.T. -0.00 min

Lab File: VW013447.D

Acq: 04 Oct 2019 18:46

Tgt Ion:	130	Resp:	17409
Ion Ratio	Lower	Upper	
130	100		
95	83.4	0.0	188.0





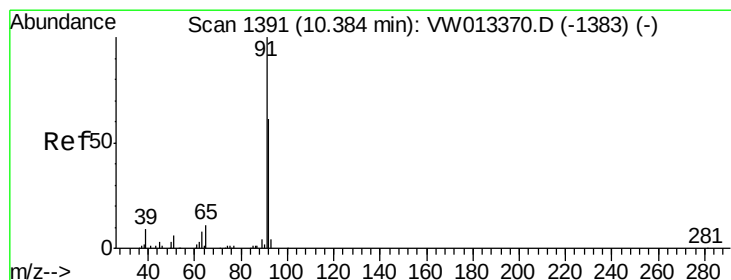
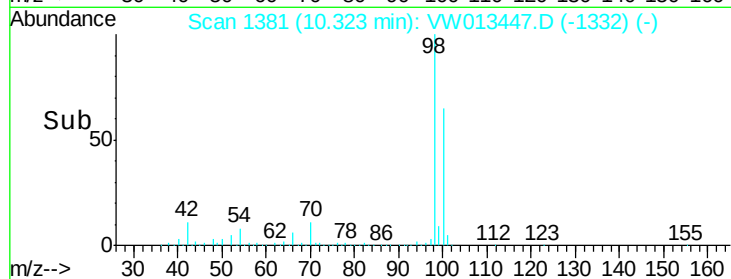
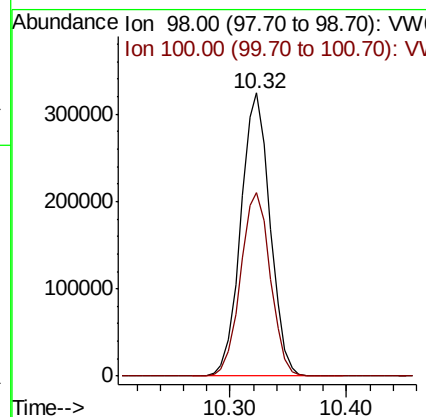
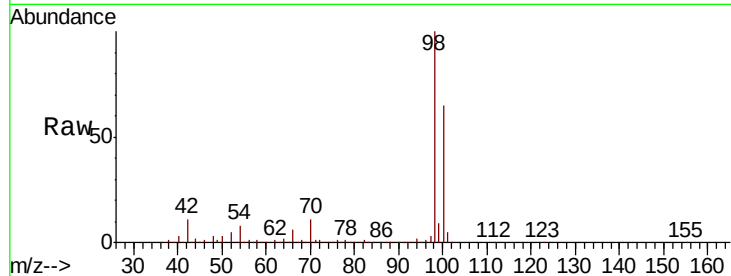
#50
Toluene-d8
Concen: 53.058 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Instrument :
MSVOA_W
ClientSampleId :
S-2(5-10)

Tot Ion: 98 Resp: 566789
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

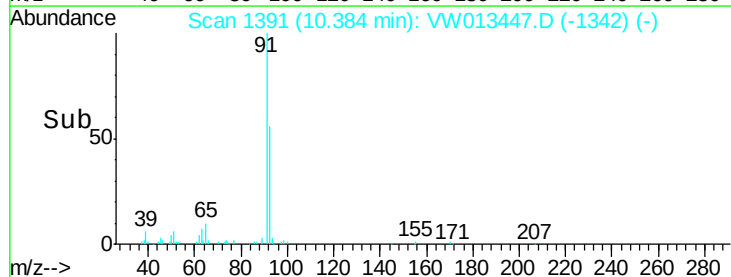
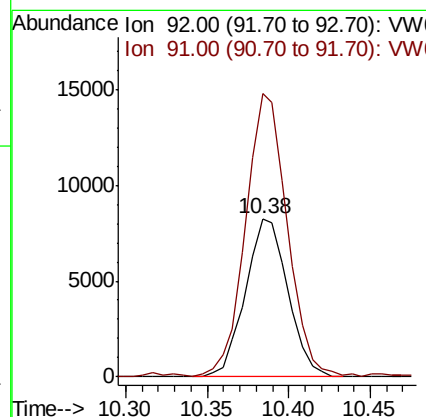
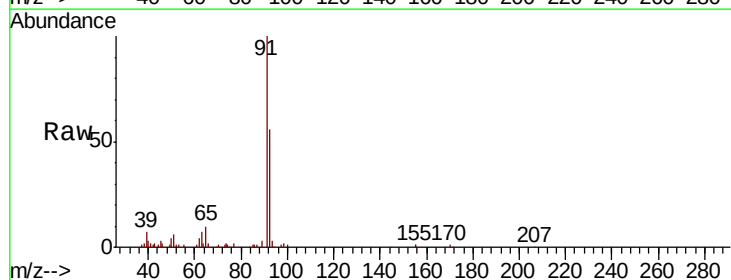
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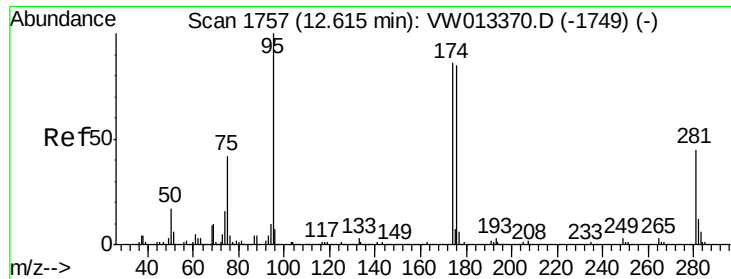
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#52
Toluene
Concen: 1.793 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Tgt Ion: 92 Resp: 14919
Ion Ratio Lower Upper
92 100
91 176.1 135.7 203.5





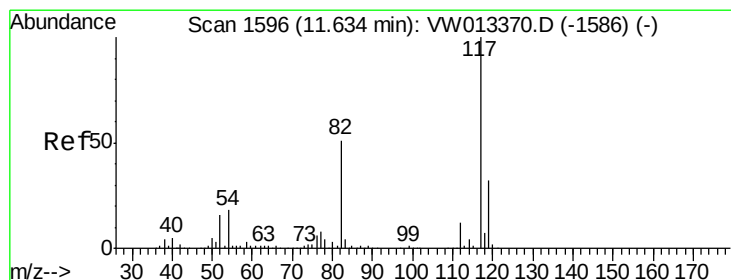
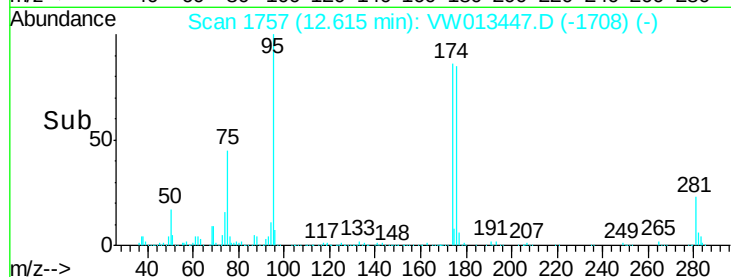
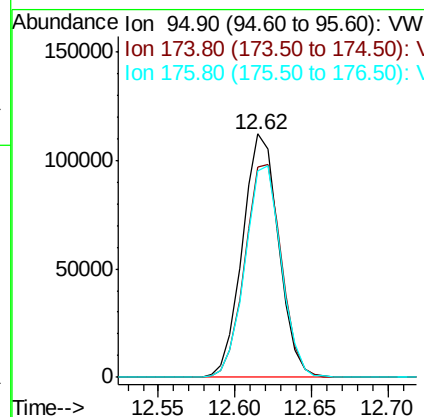
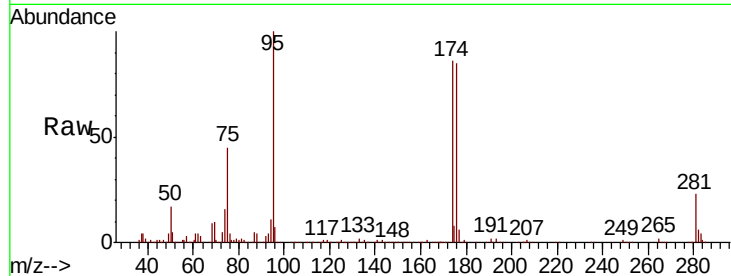
#62
4-Bromofluorobenzene
Concen: 51.421 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Instrument :
MSVOA_W
ClientSampleId :
S-2(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	183432		
174	89.1	0.0	178.4	
176	87.1	0.0	172.2	

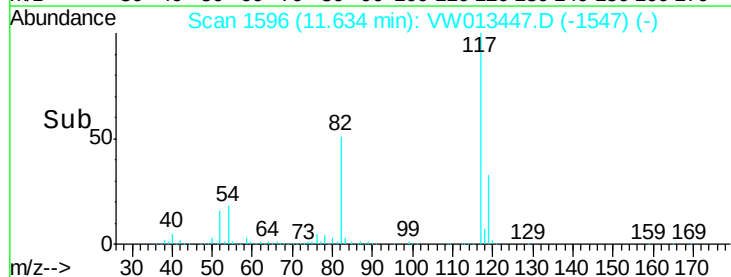
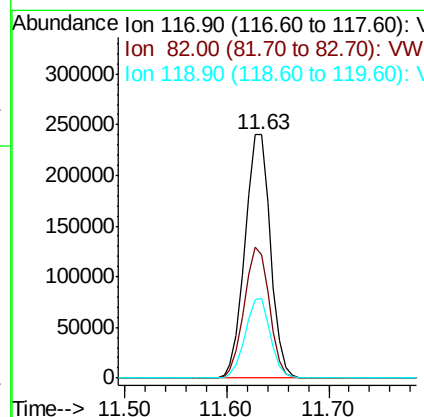
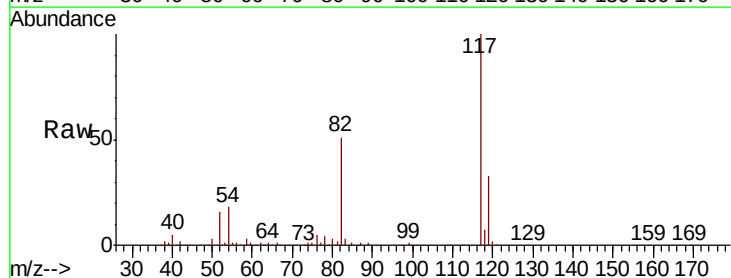
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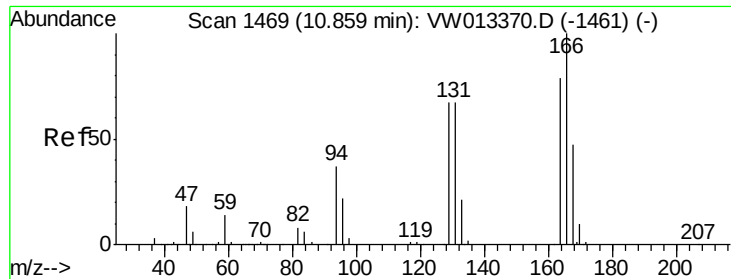
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013447.D
Acq: 04 Oct 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	416215		
82	50.8	45.9	68.9	
119	32.9	26.2	39.2	





#64

Tetrachloroethene

Concen: 9.882 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013447.D

Acq: 04 Oct 2019 18:46

Instrument :

MSVOA_W

ClientSampleId :

S-2(5-10)

Tot Ion:164 Resp: 31290

Ion Ratio Lower Upper

164 100

166 126.8 101.2 151.8

129 84.1 68.8 103.2

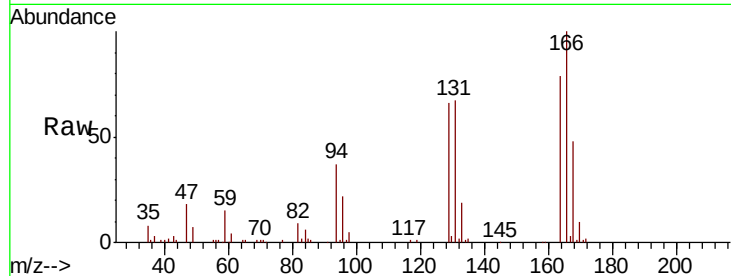
131 85.5 65.2 97.8

Manual Integrations

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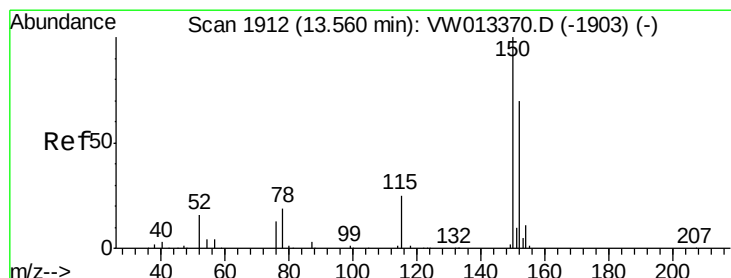
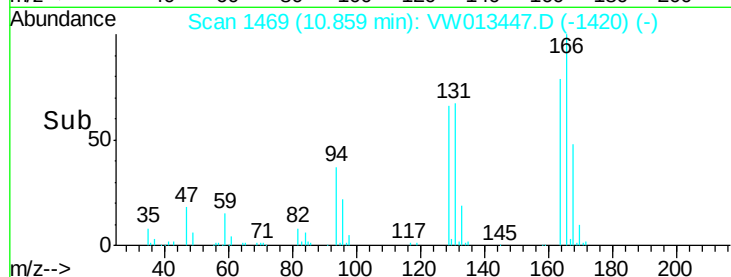
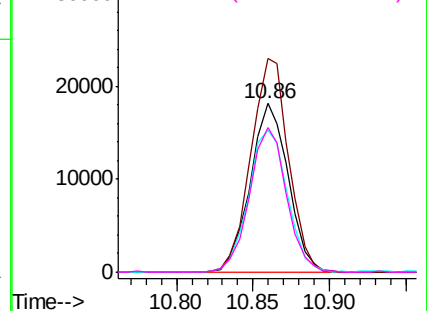


Abundance Ion 163.80 (163.50 to 164.50): V

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: VW013447.D

Acq: 04 Oct 2019 18:46

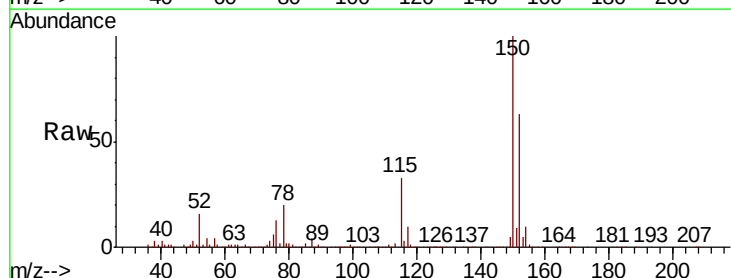
Tgt Ion:152 Resp: 189811

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.9

150 156.4 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

