

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012915.D
 Acq On : 09 Oct 2019 02:22
 Operator : JC/SP
 Sample : K5232-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04

Quant Time: Oct 09 07:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

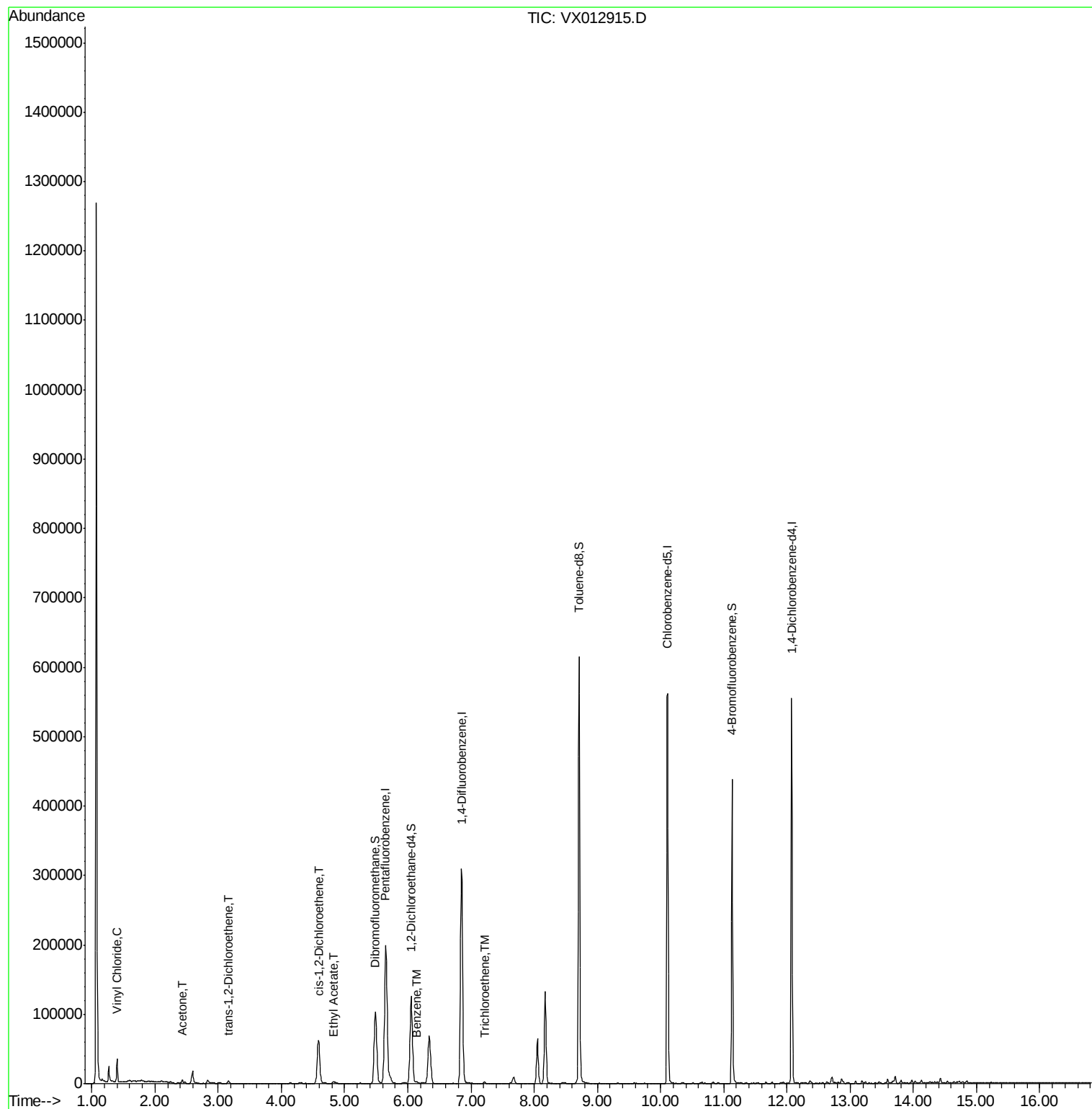
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118268	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	5.48	113	90990	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	363204	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.14	95	128992	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	19906	9.572	ug/l	99
16) Acetone	2.43	43	4500	3.761	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	1329	0.676	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	40517	17.867	ug/l	89
37) Ethyl Acetate	4.83	43	5585	1.837	ug/l #	80
40) Benzene	6.14	78	2687	0.335	ug/l #	88
44) Trichloroethene	7.21	130	1063	0.477	ug/l	80

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

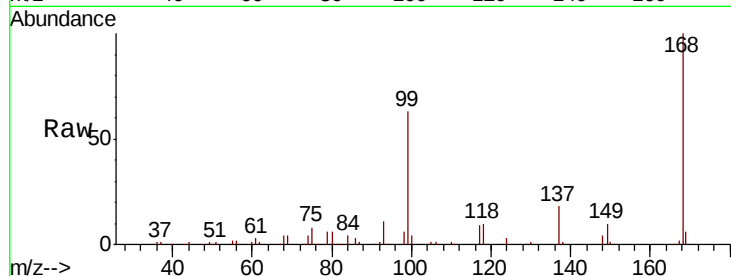
FA19-056MW04

Tot Ion:168 Resp: 181632

Ion Ratio Lower Upper

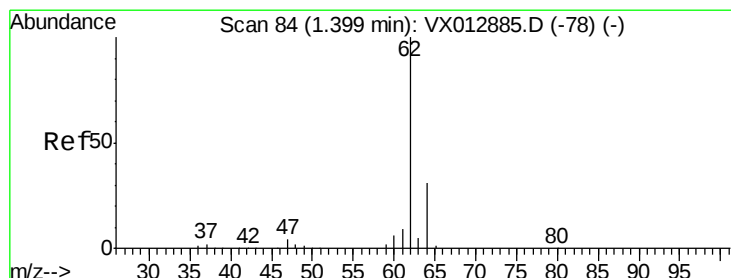
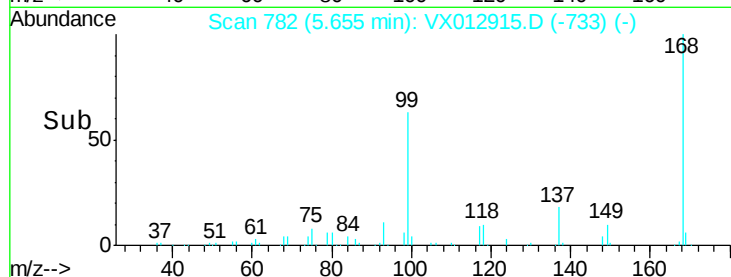
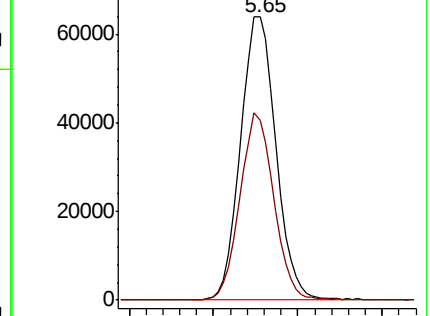
168 100

99 63.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 9.572 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012915.D

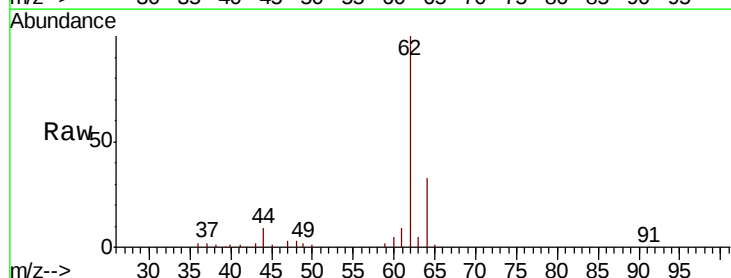
Acq: 09 Oct 2019 02:22

Tgt Ion: 62 Resp: 19906

Ion Ratio Lower Upper

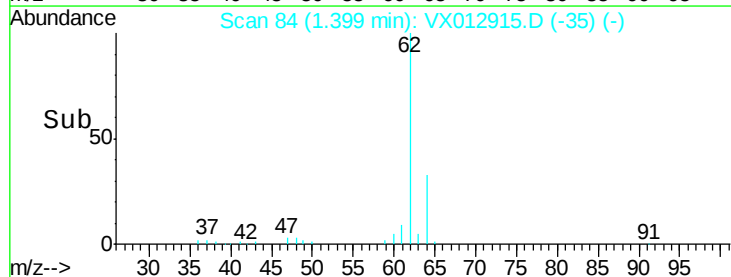
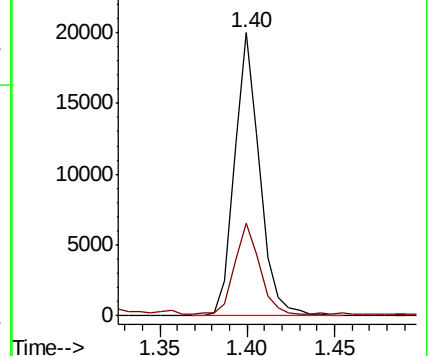
62 100

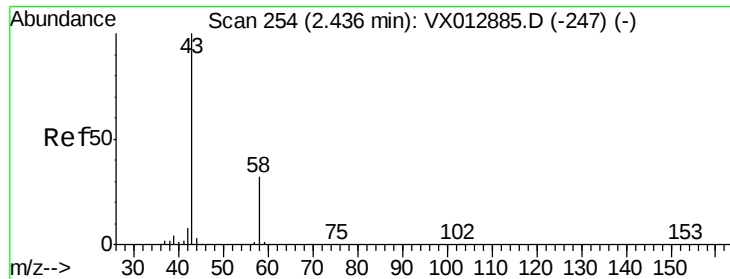
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.761 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

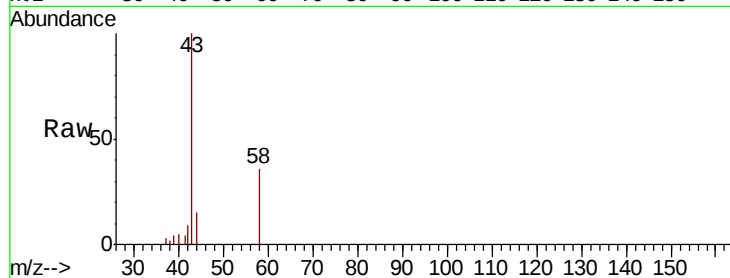
FA19-056MW04

Tot Ion: 43 Resp: 4500

Ion Ratio Lower Upper

43 100

58 35.8 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

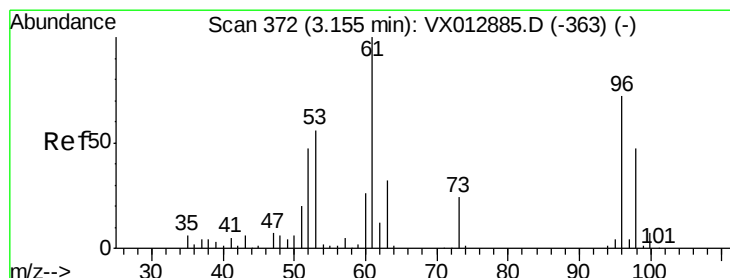
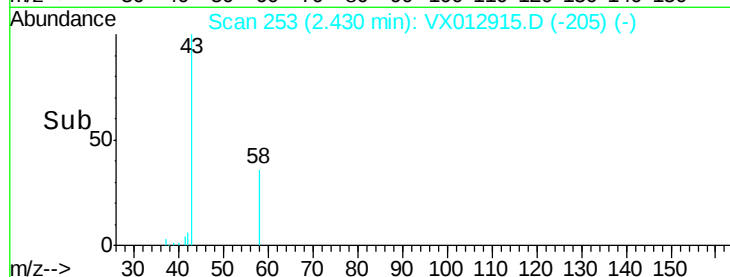
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#21

trans-1,2-Dichloroethene

Concen: 0.676 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

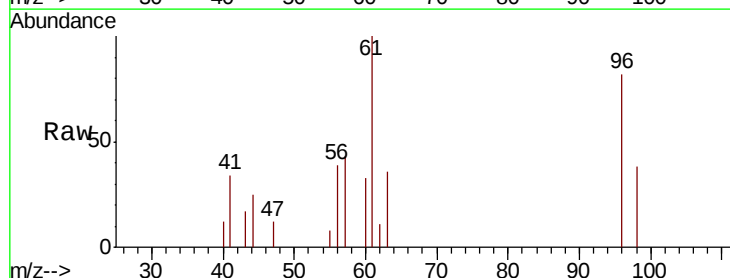
Tgt Ion: 96 Resp: 1329

Ion Ratio Lower Upper

96 100

61 122.6 110.4 165.6

98 46.5 51.5 77.3#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1200

1000

800

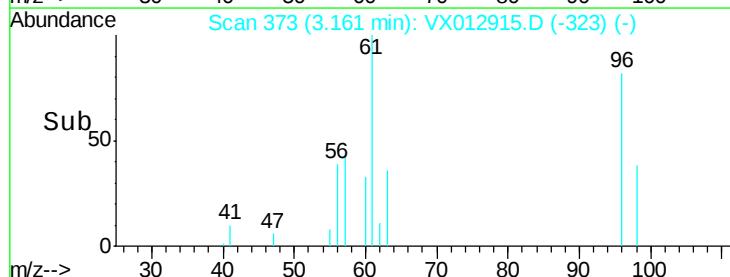
600

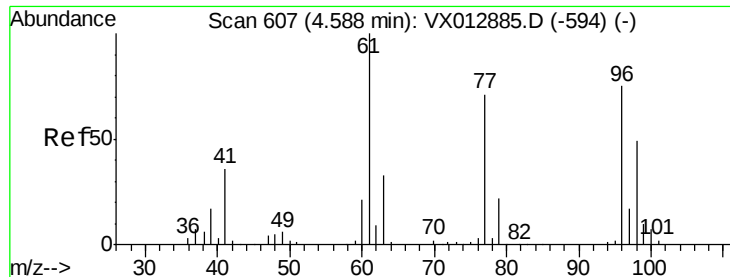
400

200

0

Time--> 3.10 3.15 3.20



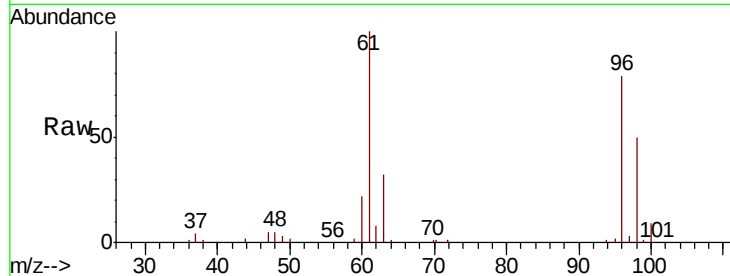


#27

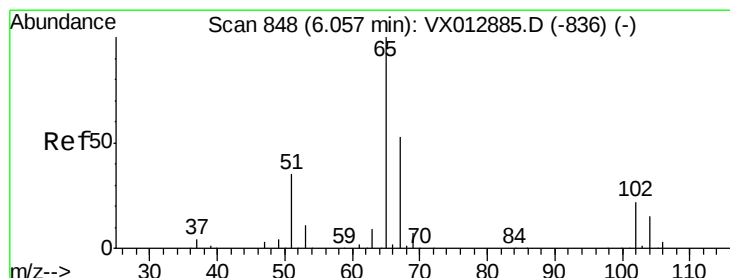
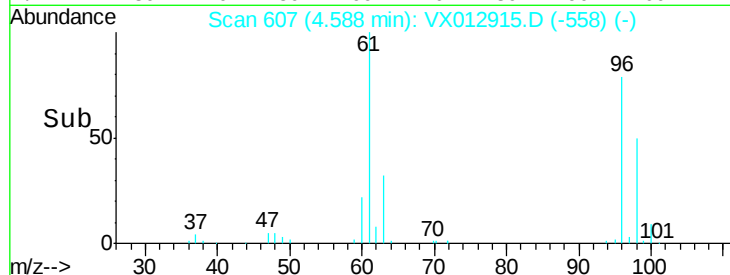
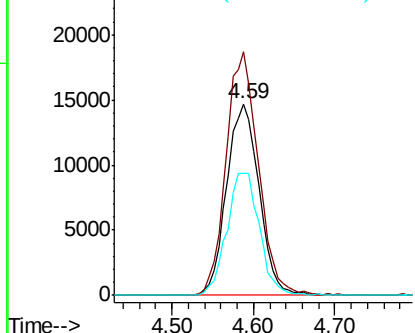
cis-1,2-Dichloroethene
Concen: 17.867 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012915.D
Acq: 09 Oct 2019 02:22

Instrument :
MSVOA_X
ClientSampleId :
FA19-056MW04

Tot Ion: 96 Resp: 40517
Ion Ratio Lower Upper
96 100
61 126.4 0.0 290.6
98 63.9 0.0 128.8



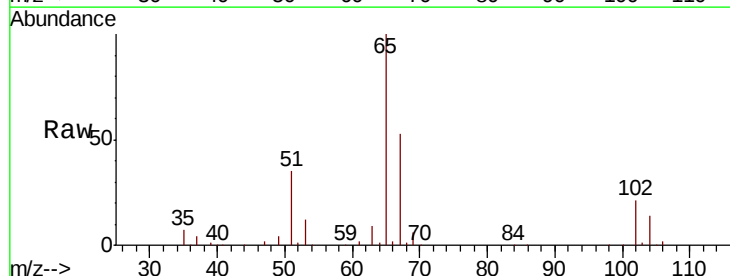
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



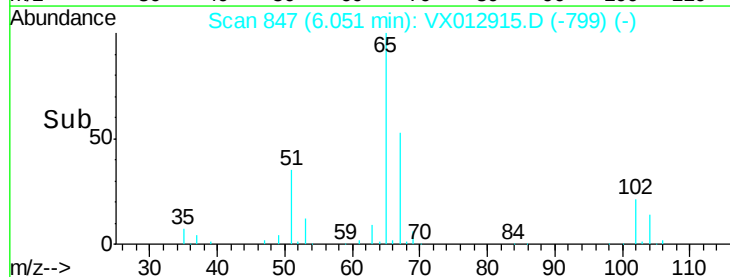
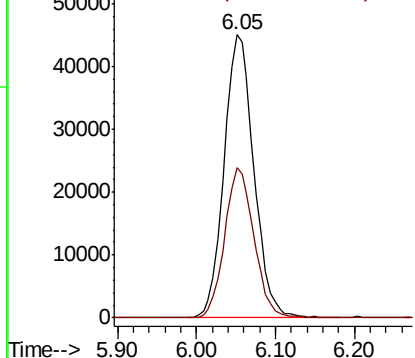
#33

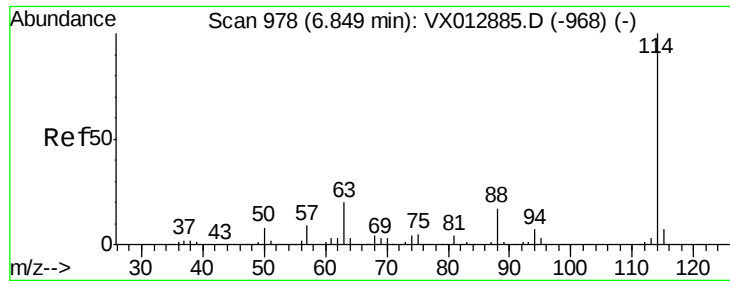
1,2-Dichloroethane-d4
Concen: 52.097 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012915.D
Acq: 09 Oct 2019 02:22

Tgt Ion: 65 Resp: 118268
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

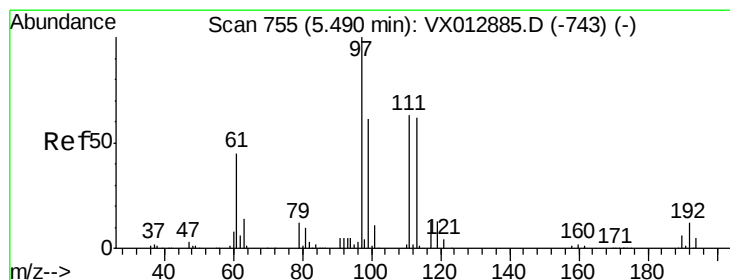
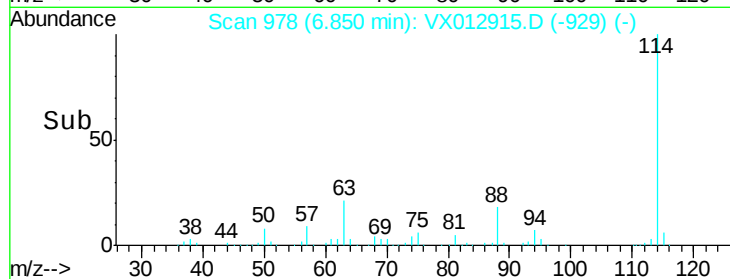
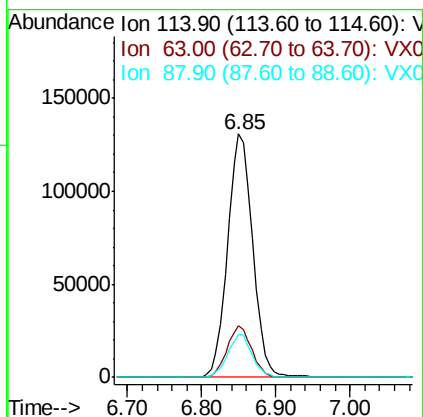
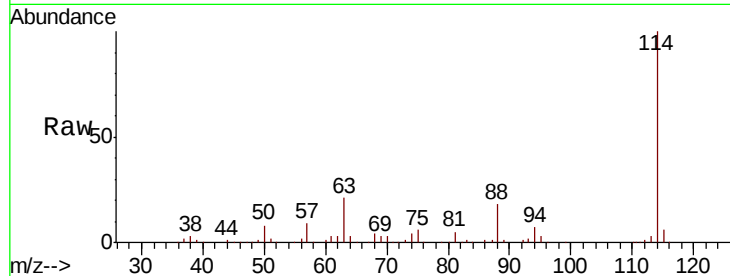




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012915.D
 Acq: 09 Oct 2019 02:22

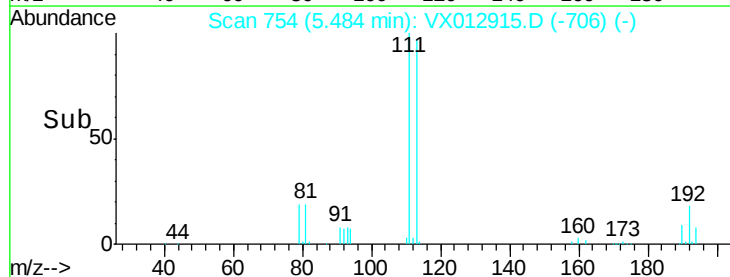
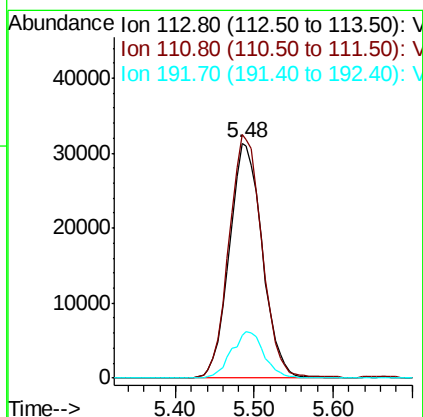
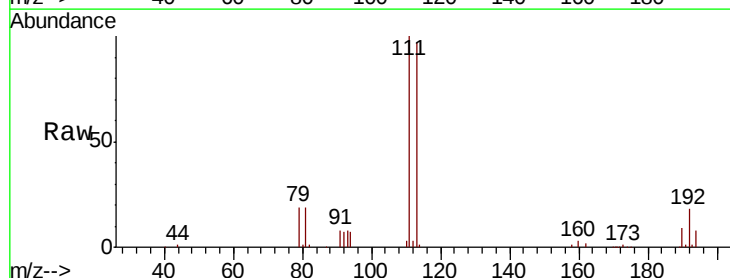
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04

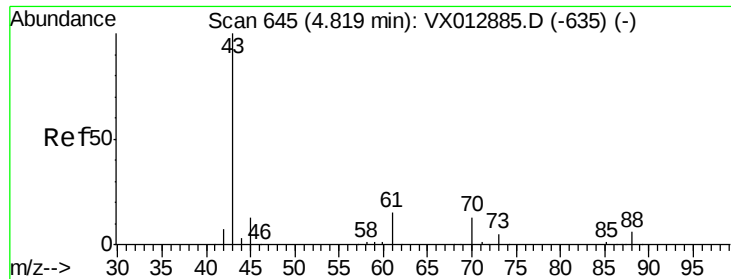
Tot Ion:114 Resp: 309181
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 17.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 51.275 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012915.D
 Acq: 09 Oct 2019 02:22

Tgt Ion:113 Resp: 90990
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.2 124.8
 192 19.4 15.4 23.2

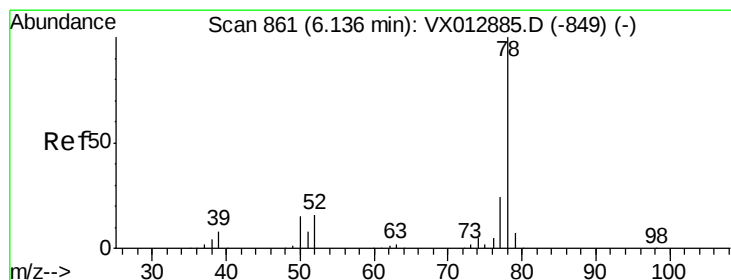
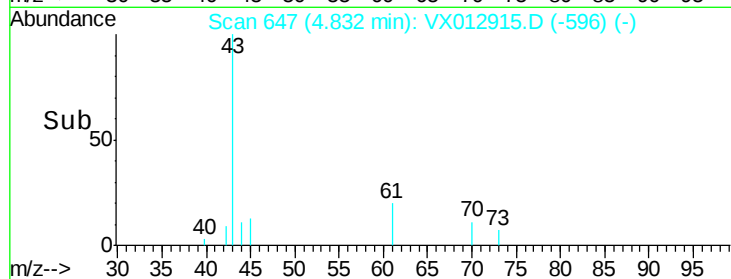
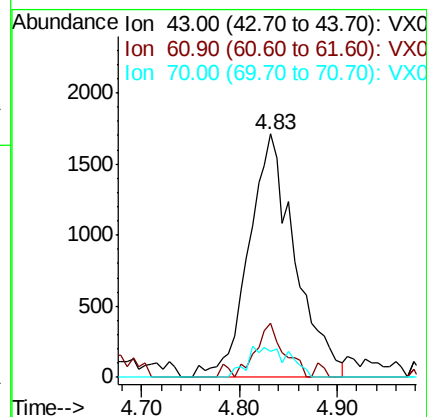
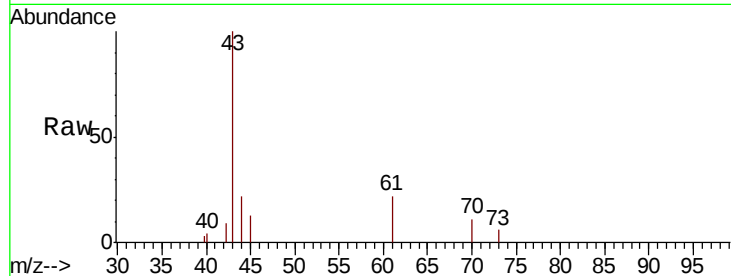




#37
Ethyl Acetate
Concen: 1.837 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX012915.D
Acq: 09 Oct 2019 02:22

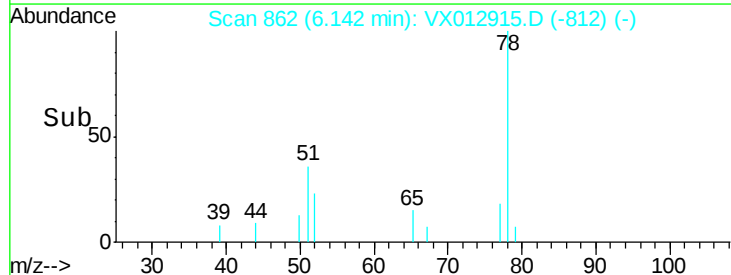
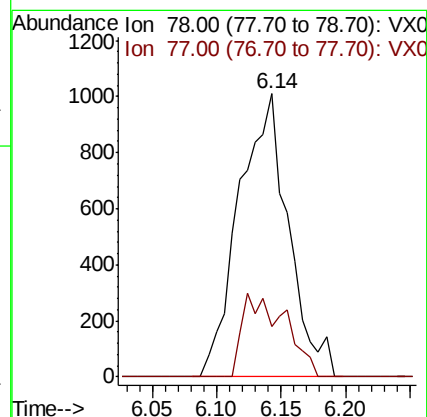
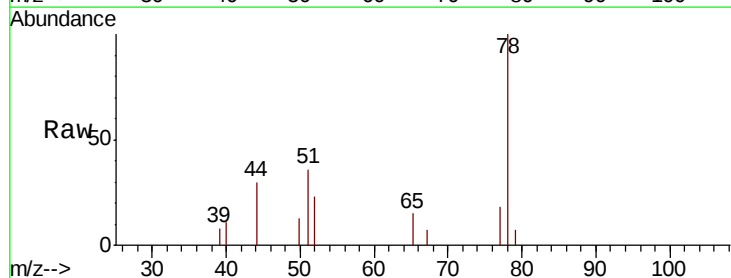
Instrument :
MSVOA_X
ClientSampleId :
FA19-056MW04

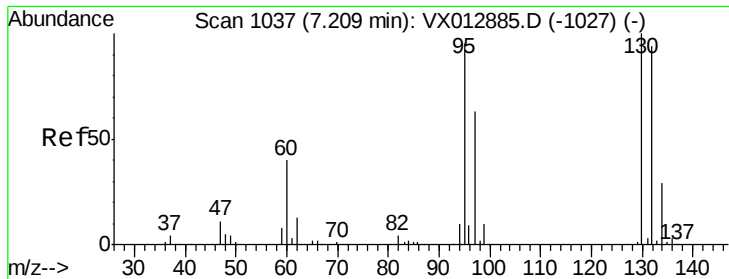
Tot Ion: 43 Resp: 5585
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 11.3 9.8 14.6



#40
Benzene
Concen: 0.335 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX012915.D
Acq: 09 Oct 2019 02:22

Tgt Ion: 78 Resp: 2687
Ion Ratio Lower Upper
78 100
77 17.9 19.0 28.4#





#44

Trichloroethene

Concen: 0.477 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

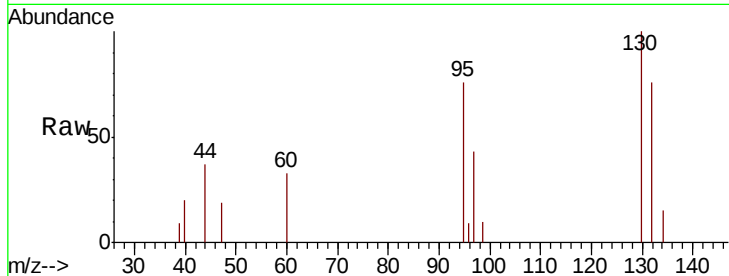
FA19-056MW04

Tot Ion:130 Resp: 1063

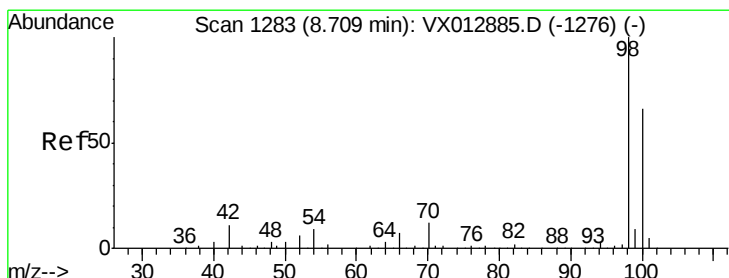
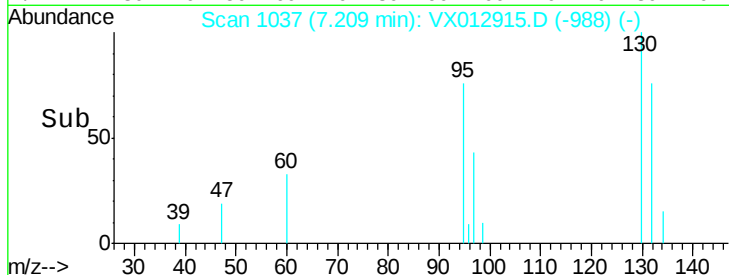
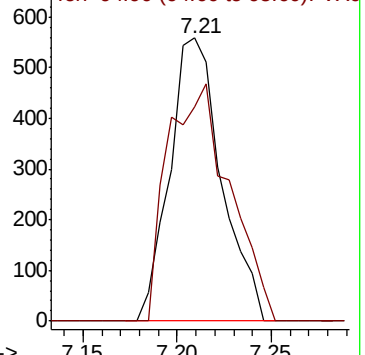
Ion Ratio Lower Upper

130 100

95 75.6 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 52.478 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012915.D

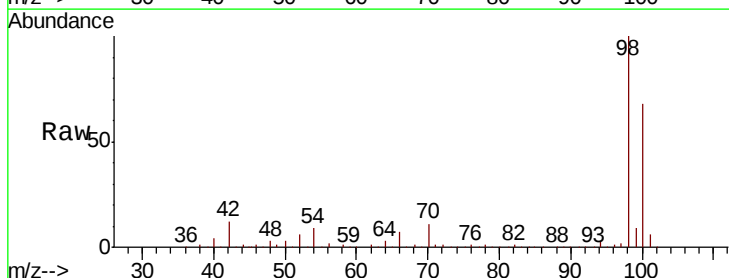
Acq: 09 Oct 2019 02:22

Tgt Ion: 98 Resp: 363204

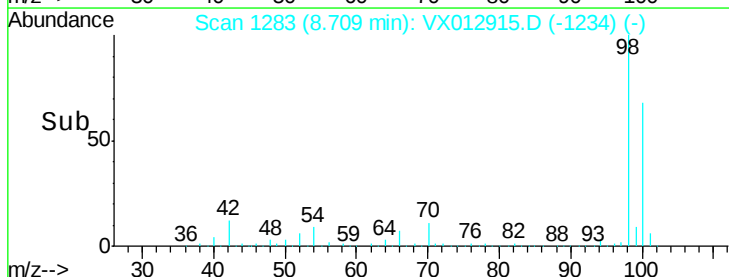
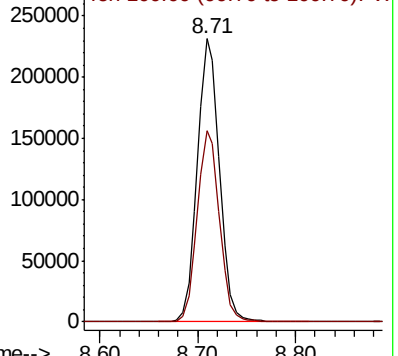
Ion Ratio Lower Upper

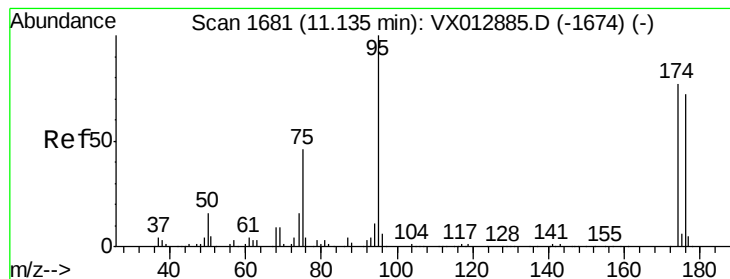
98 100

100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.966 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

FA19-056MW04

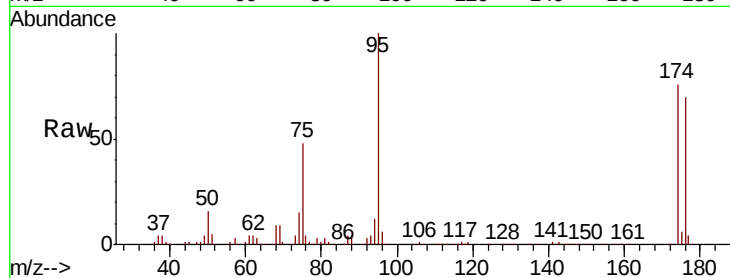
Tot Ion: 95 Resp: 128992

Ion Ratio Lower Upper

95 100

174 70.1 0.0 143.4

176 65.9 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

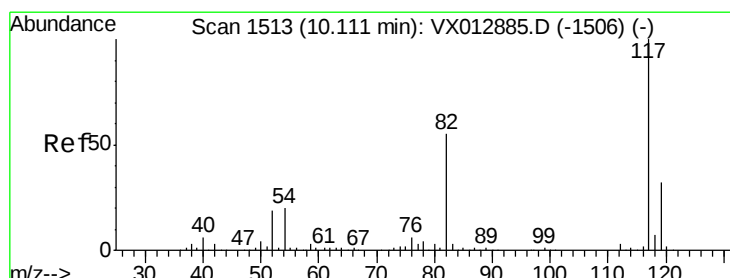
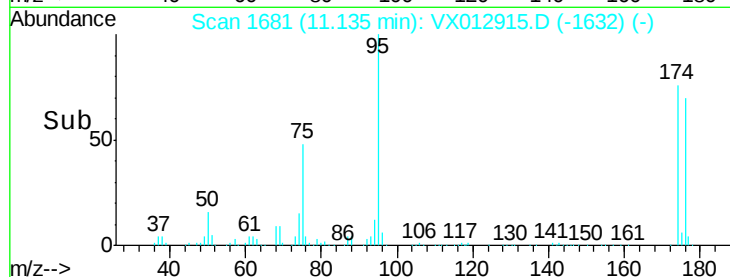
0

11.10

11.14

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012915.D

Acq: 09 Oct 2019 02:22

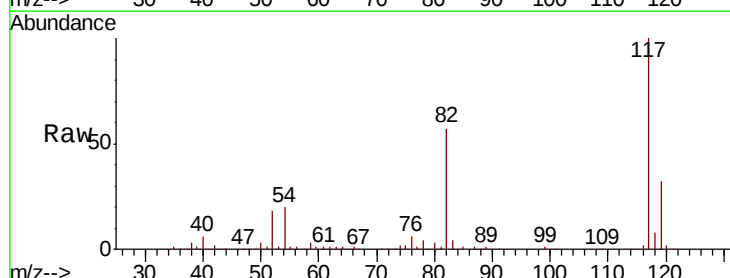
Tgt Ion: 117 Resp: 266084

Ion Ratio Lower Upper

117 100

82 56.7 44.1 66.1

119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

100000

50000

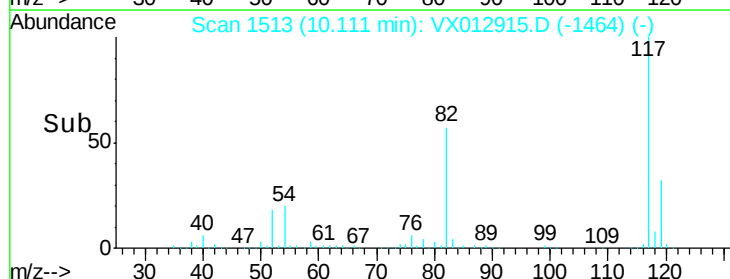
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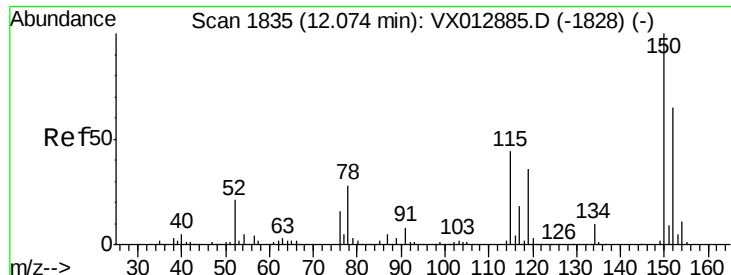
10.10

10.11

10.20

Time-->

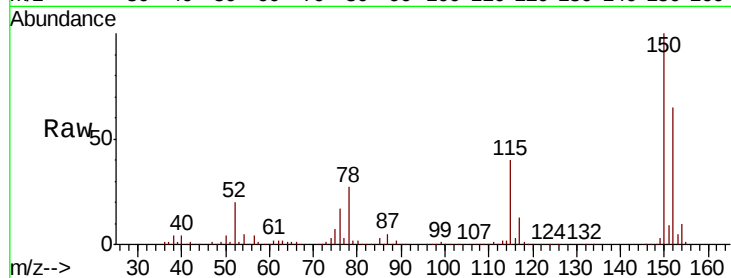




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012915.D
 Acq: 09 Oct 2019 02:22

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.5	44.5	133.5
150	157.6	0.0	353.4



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

