

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012916.D
 Acq On : 09 Oct 2019 02:45
 Operator : JC/SP
 Sample : K5232-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04-9001

Quant Time: Oct 09 07:37:30 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

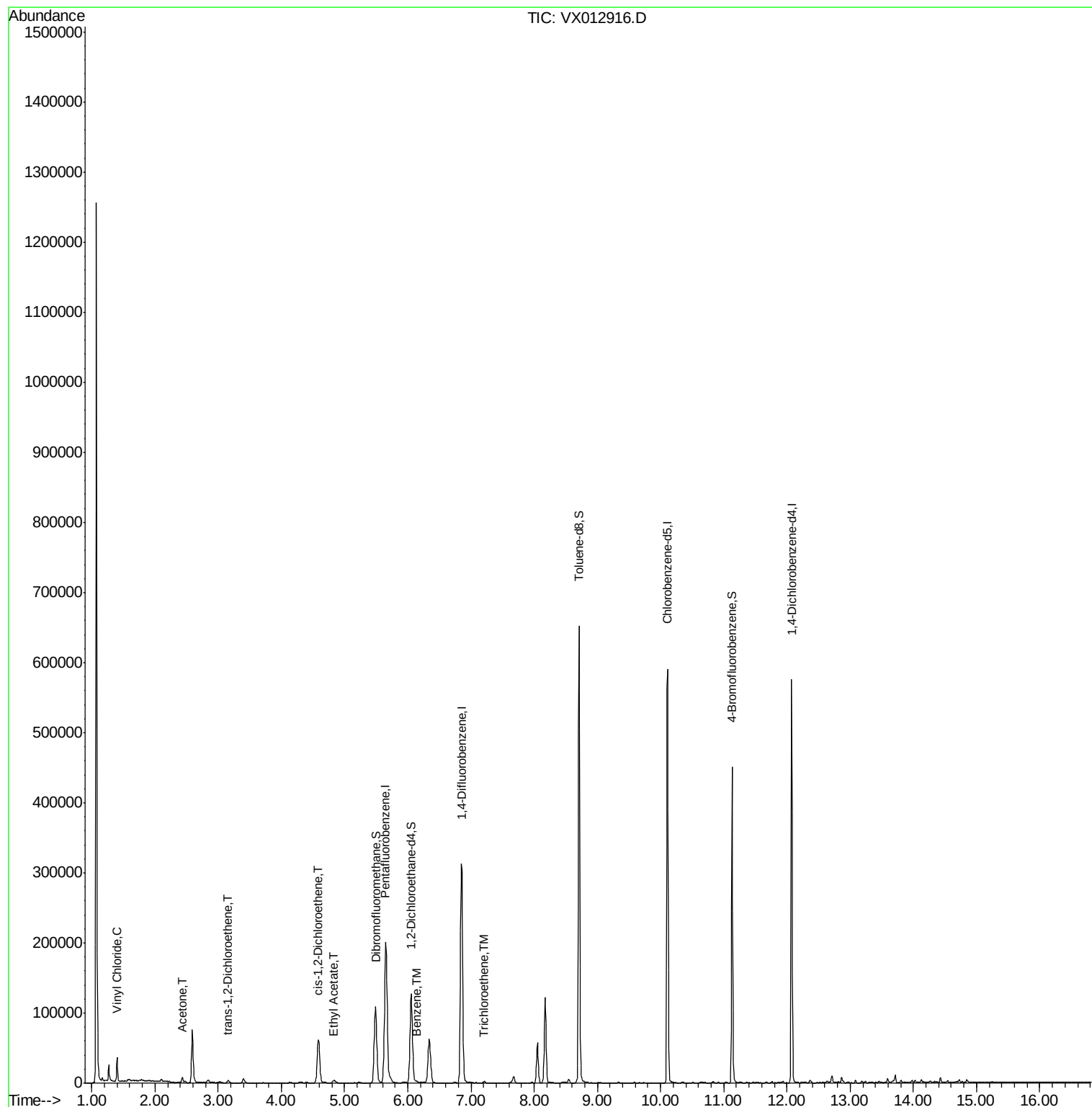
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123513	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	5.49	113	94184	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	376151	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.13	95	131288	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	19268	8.950	ug/l	96
16) Acetone	2.43	43	8550	6.902	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	1187	0.583	ug/l #	70
27) cis-1,2-Dichloroethene	4.58	96	40207	17.127	ug/l	91
37) Ethyl Acetate	4.82	43	7364	2.353	ug/l #	80
40) Benzene	6.14	78	2483	0.300	ug/l	93
44) Trichloroethene	7.20	130	884	0.386	ug/l	78

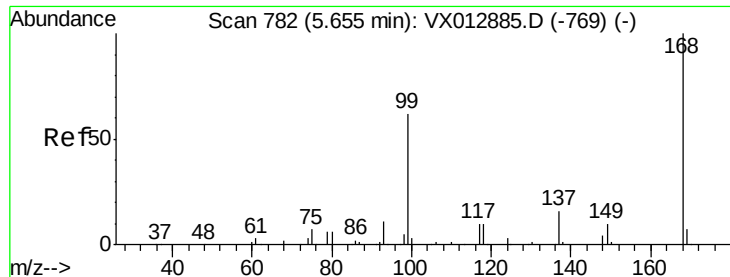
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012916.D

Acq: 09 Oct 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

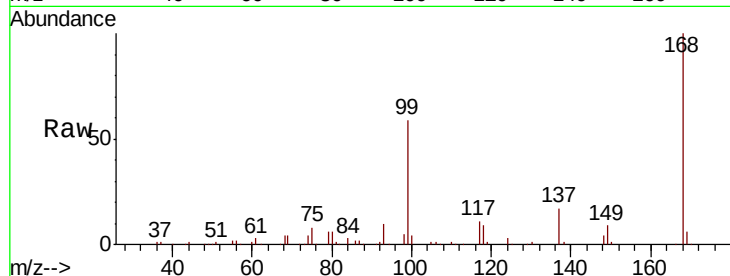
FA19-056MW04-9001

Tot Ion:168 Resp: 188031

Ion Ratio Lower Upper

168 100

99 58.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

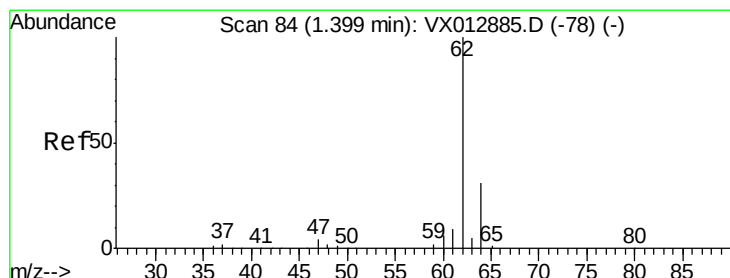
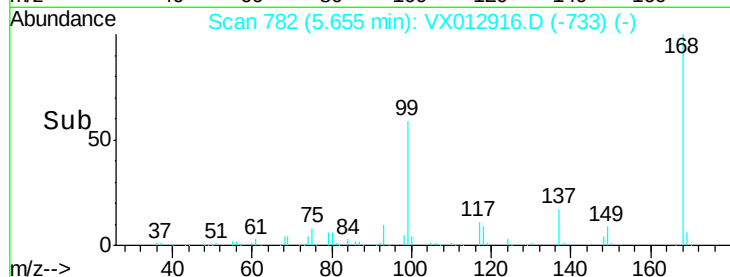
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 8.950 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012916.D

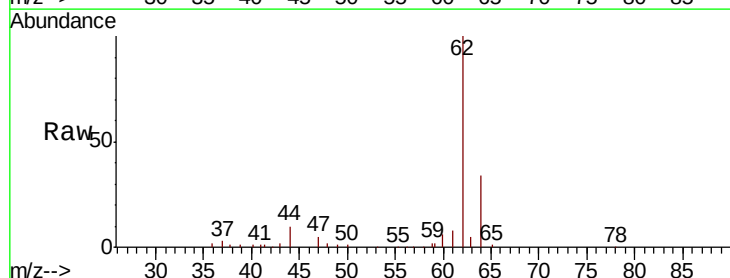
Acq: 09 Oct 2019 02:45

Tgt Ion: 62 Resp: 19268

Ion Ratio Lower Upper

62 100

64 33.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

20000

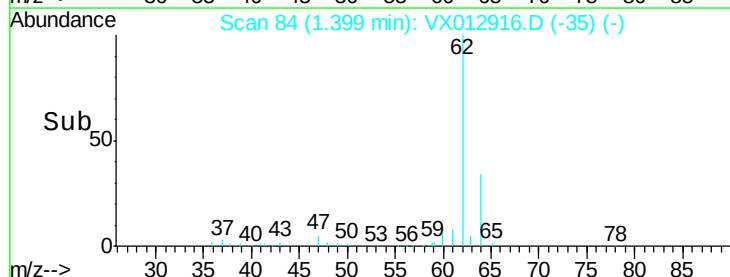
15000

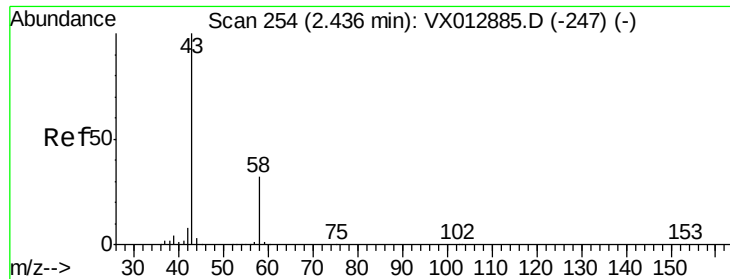
10000

5000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 6.902 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012916.D

Acq: 09 Oct 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

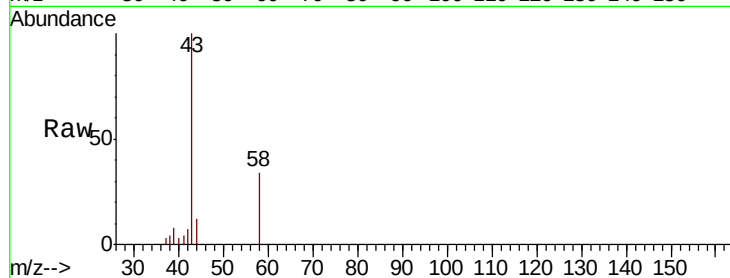
FA19-056MW04-9001

Tot Ion: 43 Resp: 8550

Ion Ratio Lower Upper

43 100

58 34.5 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

5000

4000

3000

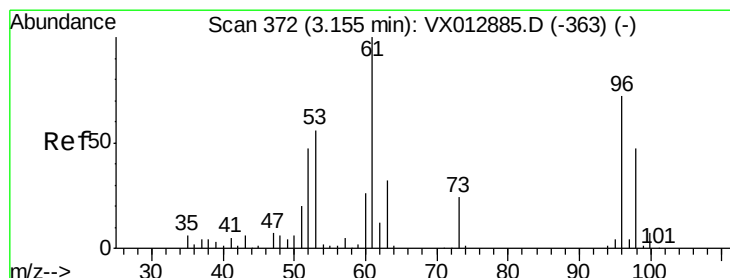
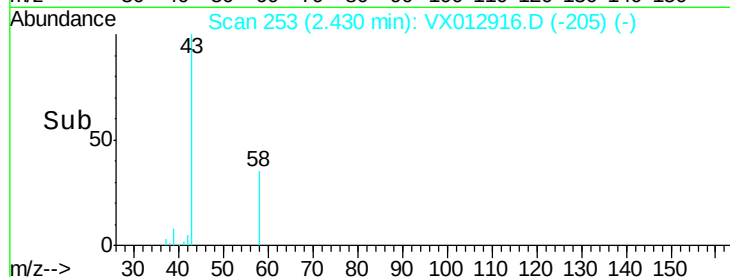
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#21

trans-1,2-Dichloroethene

Concen: 0.583 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012916.D

Acq: 09 Oct 2019 02:45

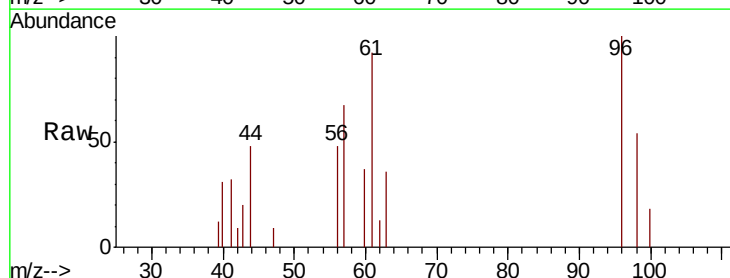
Tgt Ion: 96 Resp: 1187

Ion Ratio Lower Upper

96 100

61 91.5 110.4 165.6#

98 54.2 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

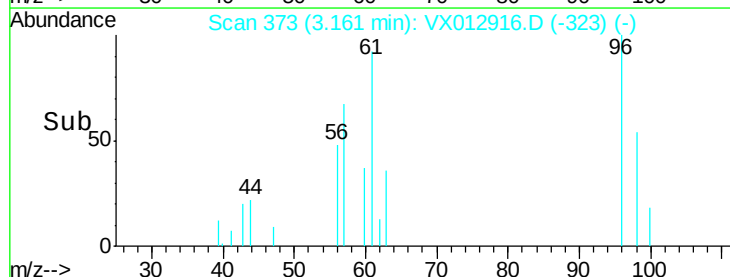
400

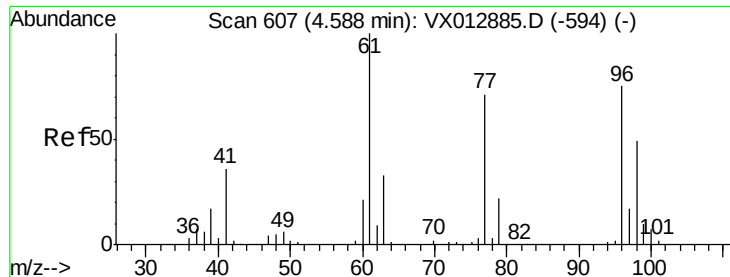
200

0

Time-->

3.10 3.15 3.20



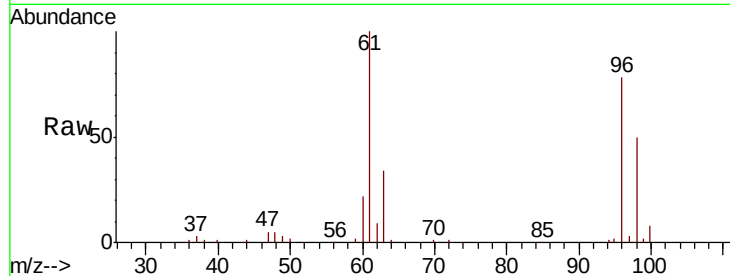


#27

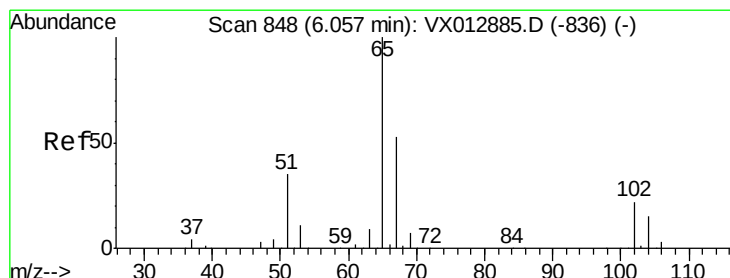
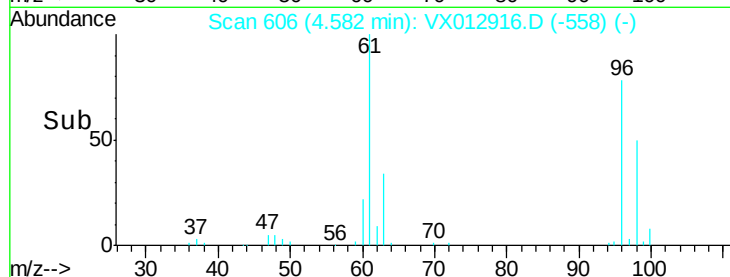
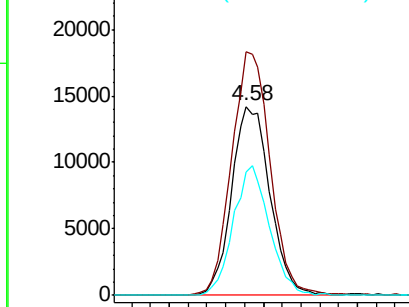
cis-1,2-Dichloroethene
Concen: 17.127 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
FA19-056MW04-9001

Tot Ion: 96 Resp: 40207
Ion Ratio Lower Upper
96 100
61 130.0 0.0 290.6
98 64.8 0.0 128.8



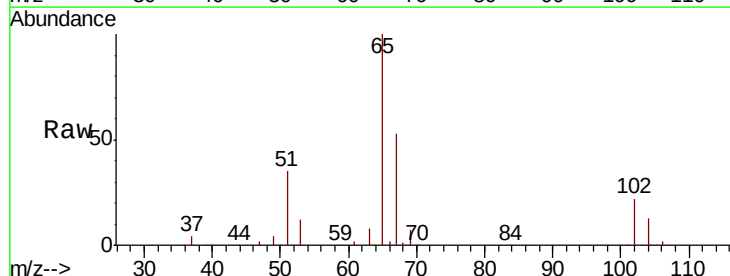
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



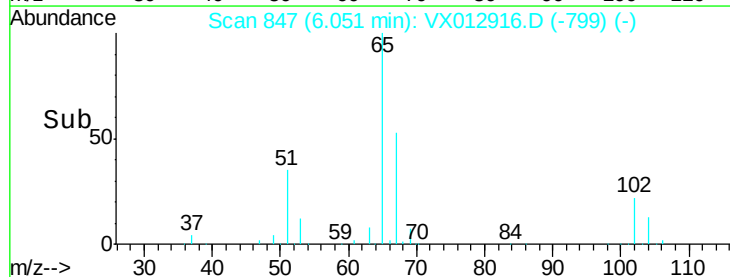
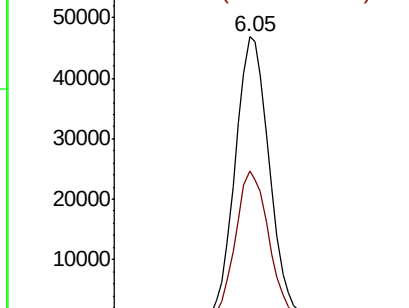
#33

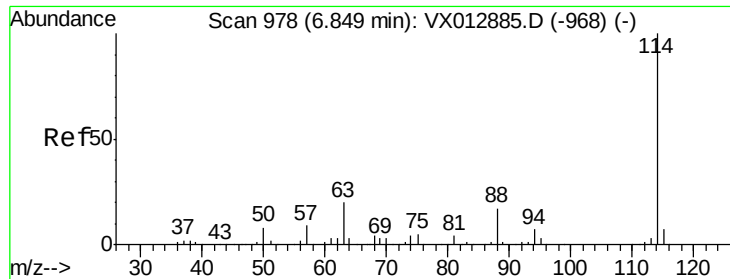
1,2-Dichloroethane-d4
Concen: 52.555 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 65 Resp: 123513
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4



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

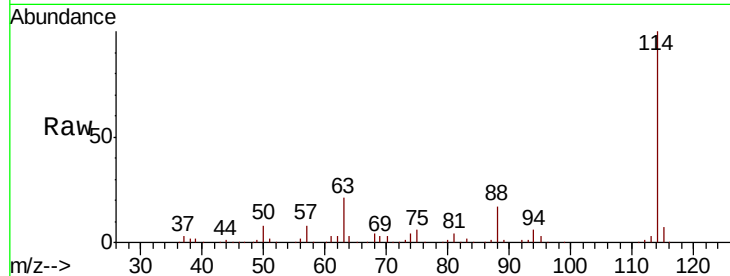




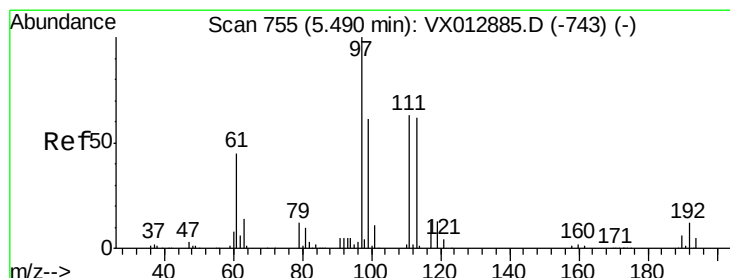
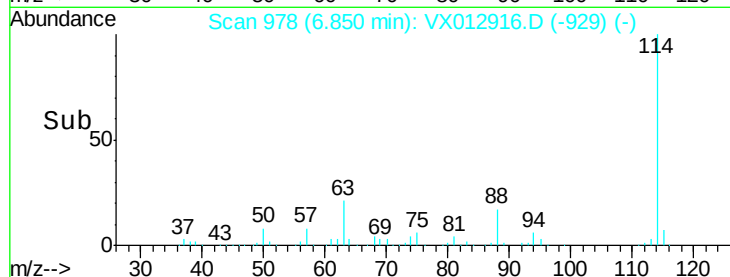
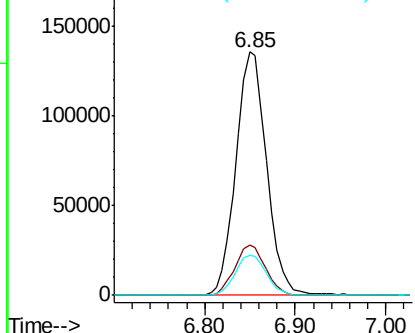
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012916.D
 Acq: 09 Oct 2019 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04-9001

Tot Ion:114 Resp: 318354
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 16.7 0.0 33.8

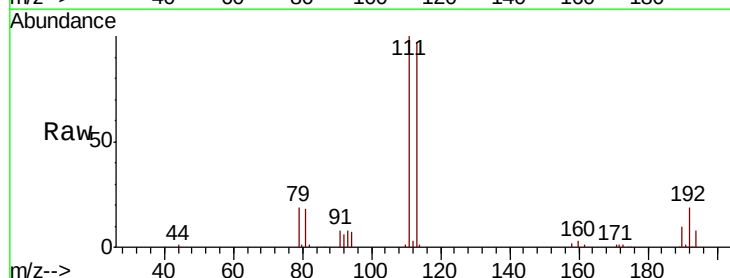


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

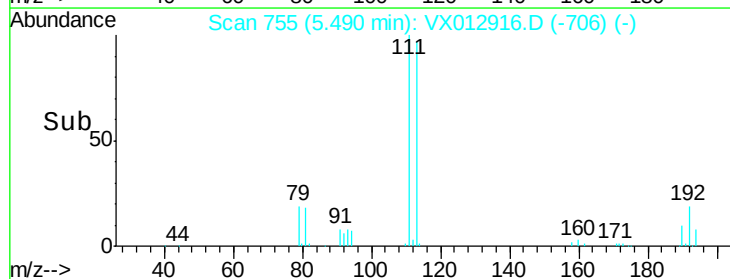
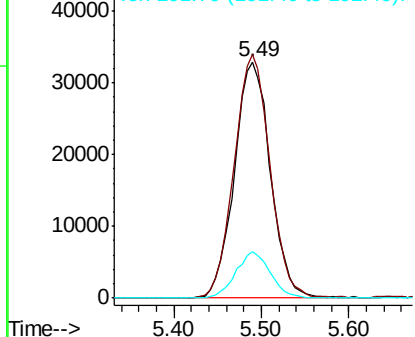


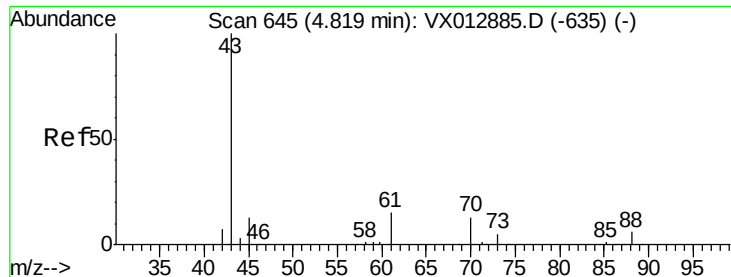
#35
 Dibromofluoromethane
 Concen: 51.546 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012916.D
 Acq: 09 Oct 2019 02:45

Tgt Ion:113 Resp: 94184
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 18.8 15.4 23.2



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

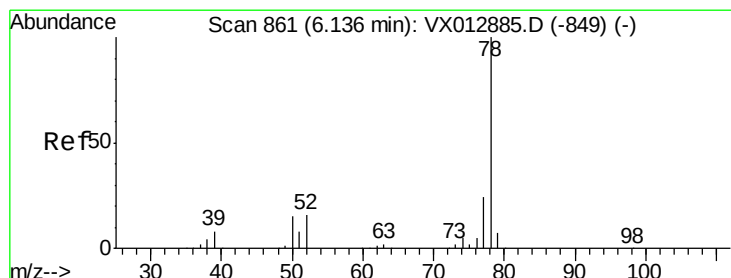
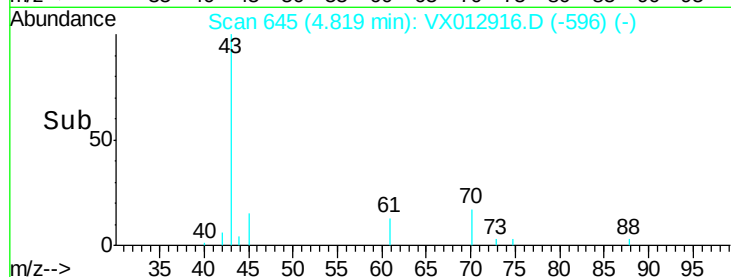
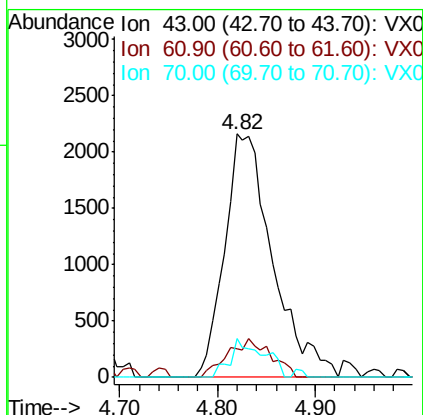
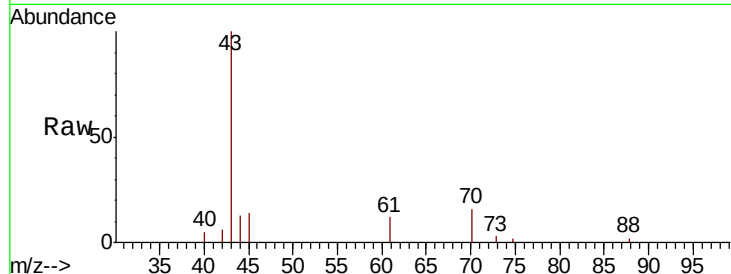




#37
Ethyl Acetate
Concen: 2.353 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

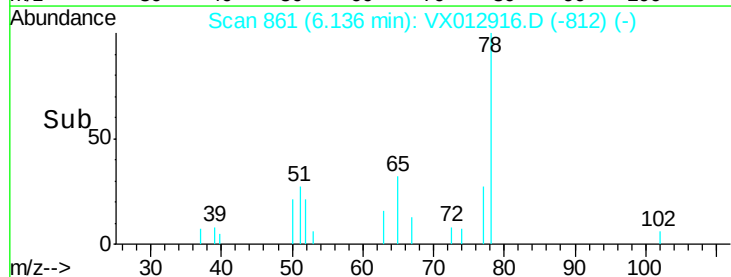
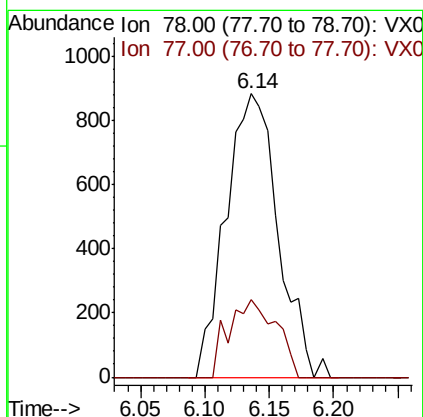
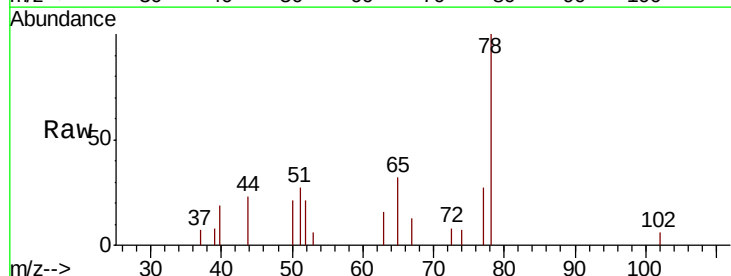
Instrument :
MSVOA_X
ClientSampleId :
FA19-056MW04-9001

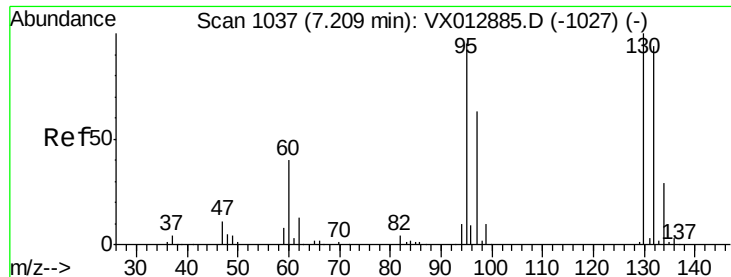
Tot Ion: 43 Resp: 7364
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 11.1 9.8 14.6



#40
Benzene
Concen: 0.300 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 78 Resp: 2483
Ion Ratio Lower Upper
78 100
77 27.2 19.0 28.4





#44

Trichloroethene

Concen: 0.386 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012916.D

Acq: 09 Oct 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

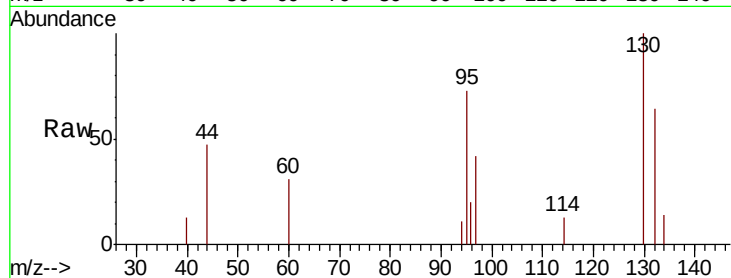
FA19-056MW04-9001

Tot Ion:130 Resp: 884

Ion Ratio Lower Upper

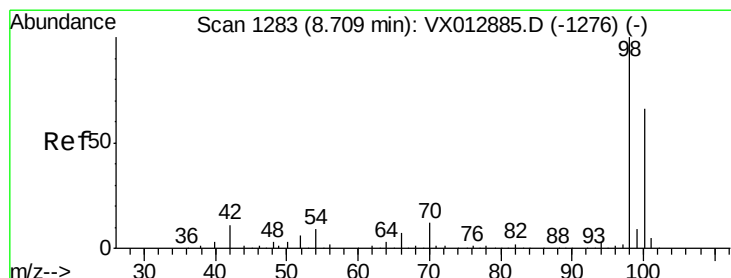
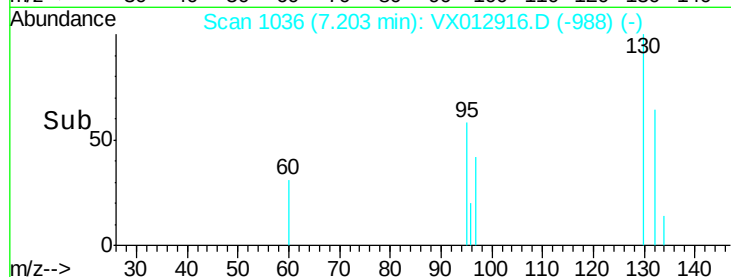
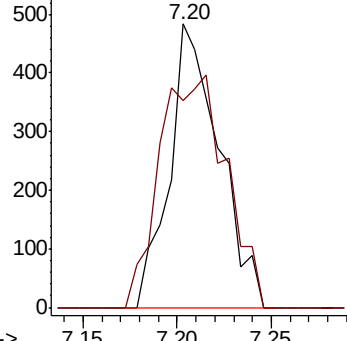
130 100

95 73.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.782 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012916.D

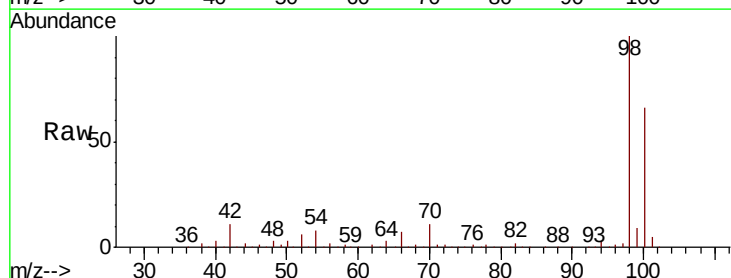
Acq: 09 Oct 2019 02:45

Tgt Ion: 98 Resp: 376151

Ion Ratio Lower Upper

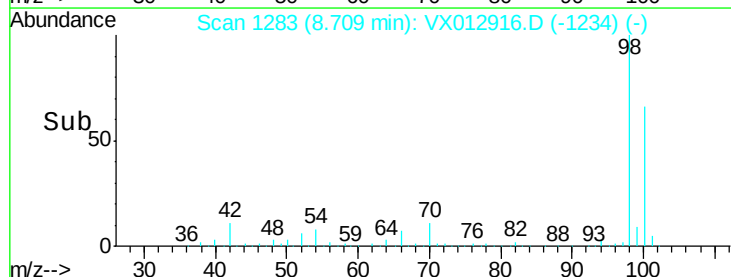
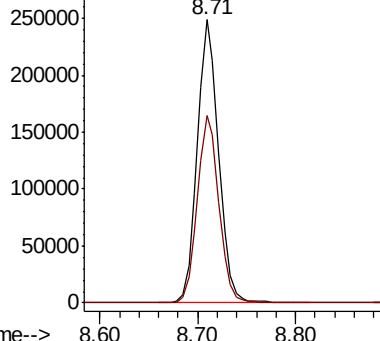
98 100

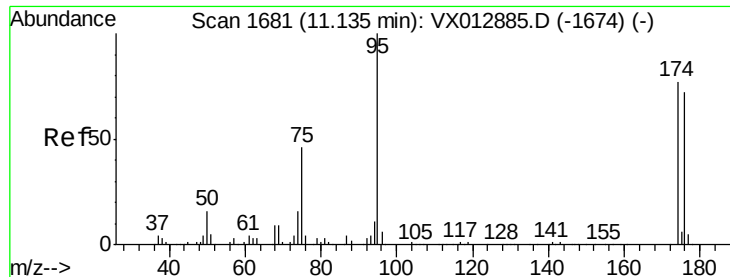
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.413 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012916.D

Acq: 09 Oct 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

FA19-056MW04-9001

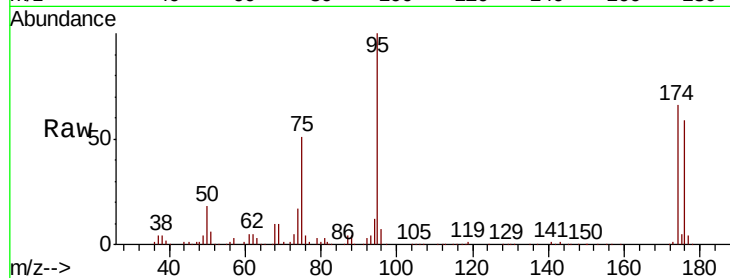
Tot Ion: 95 Resp: 131288

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

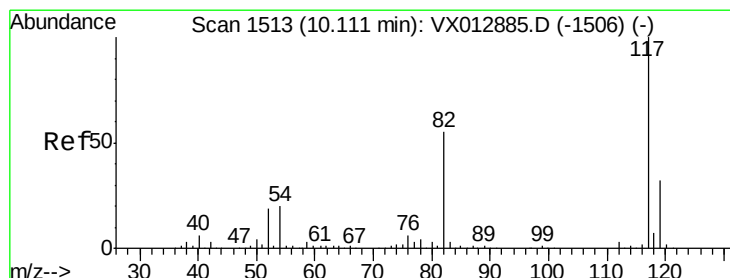
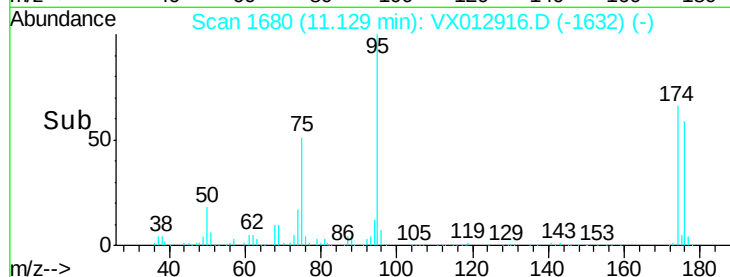
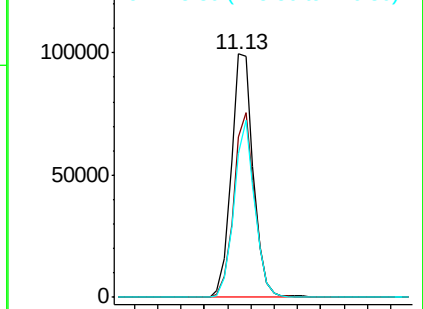
176 68.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012916.D

Acq: 09 Oct 2019 02:45

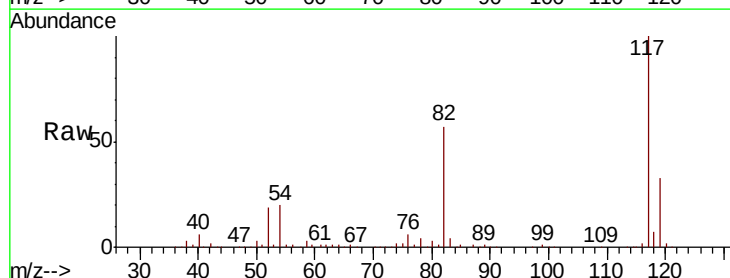
Tgt Ion: 117 Resp: 276797

Ion Ratio Lower Upper

117 100

82 56.7 44.1 66.1

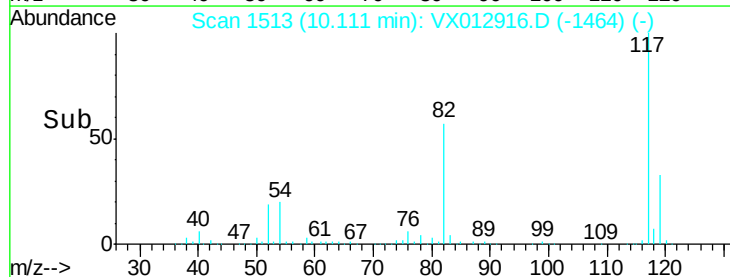
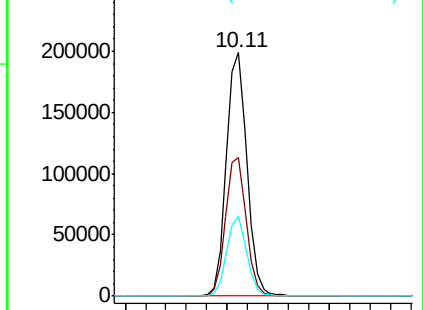
119 32.5 25.8 38.8

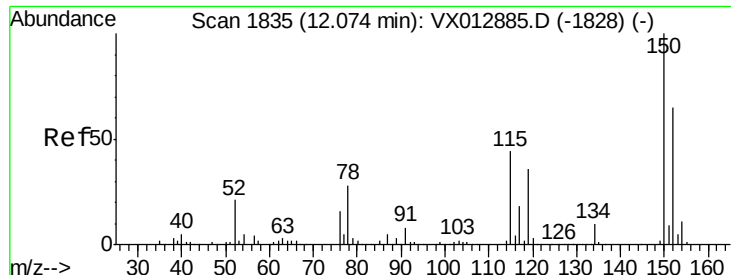


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

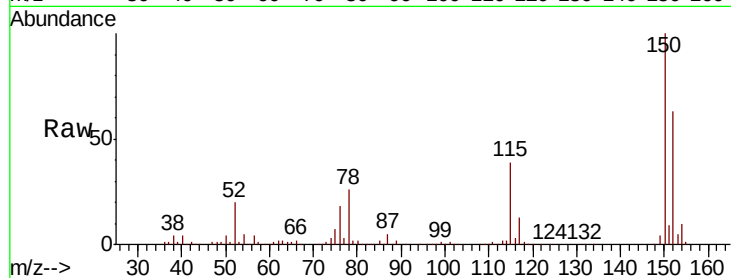




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012916.D
 Acq: 09 Oct 2019 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04-9001

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.7	44.5	133.5
150	157.5	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

