

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015209.D
 Acq On : 11 Mar 2020 18:25
 Operator : JC/SP
 Sample : PB127431ZHE#18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#18

Quant Time: Mar 12 07:12:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	304362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	511390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	504934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253147	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	179453	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	158221	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	638411	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	236059	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	

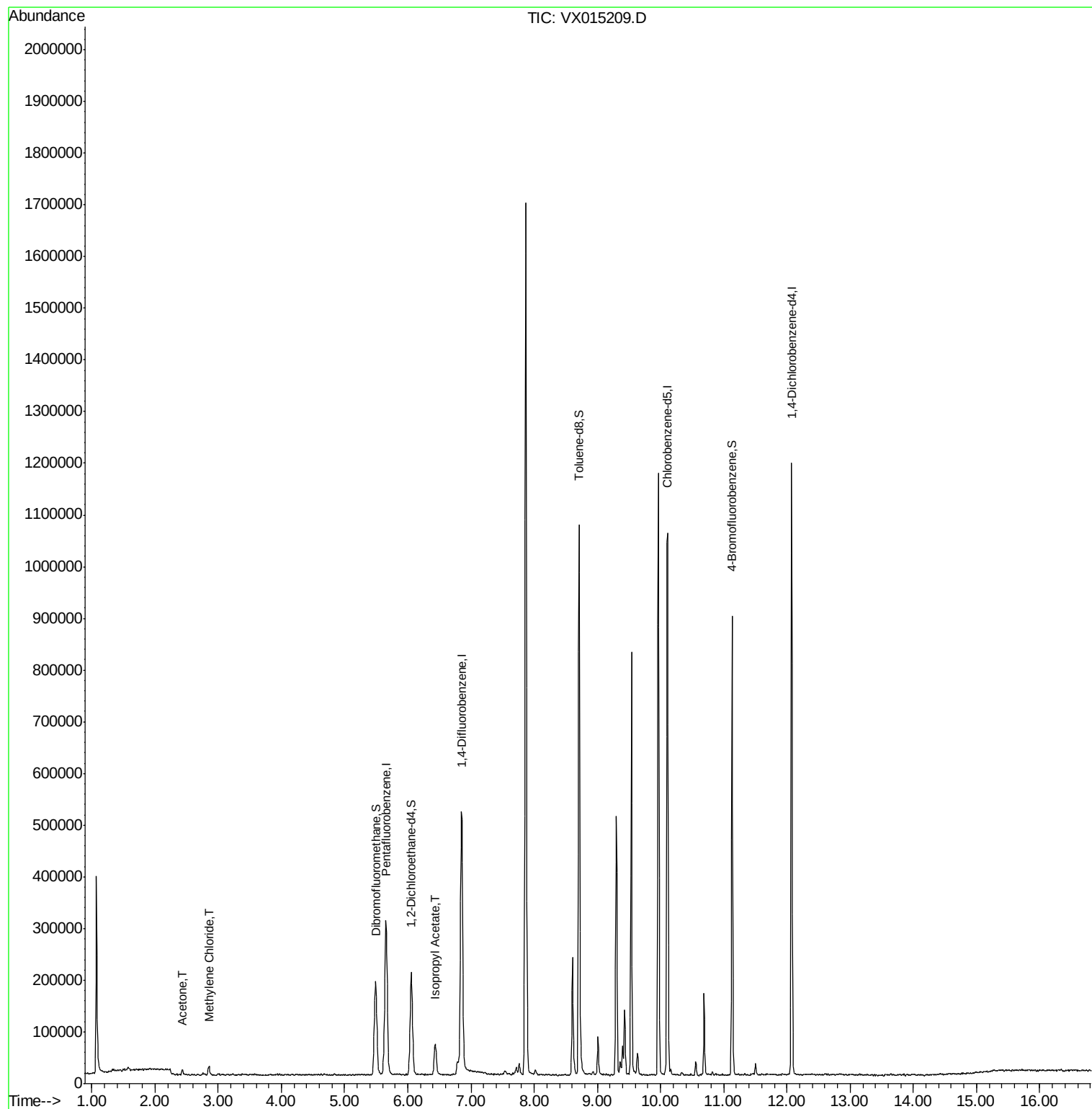
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	11220	7.67	ug/l	96
20) Methylene Chloride	2.86	84	8917	2.61	ug/l #	81
43) Isopropyl Acetate	6.43	43	83006	10.76	ug/l	99

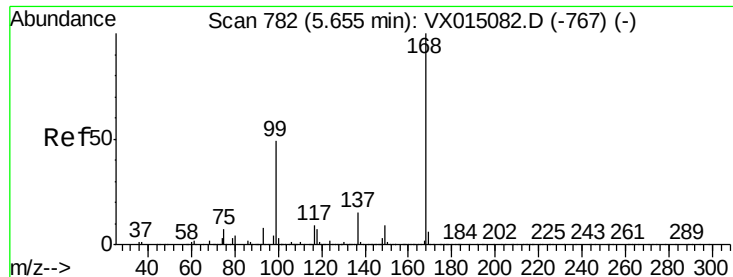
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015209.D

Acq: 11 Mar 2020 18:25

Instrument :

MSVOA_X

ClientSampleId :

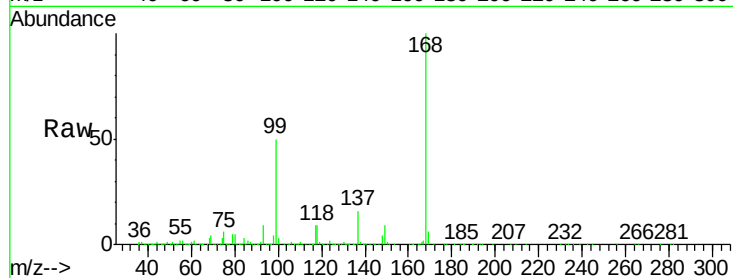
PB127431ZHE#18

Tgt Ion:168 Resp: 304362

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

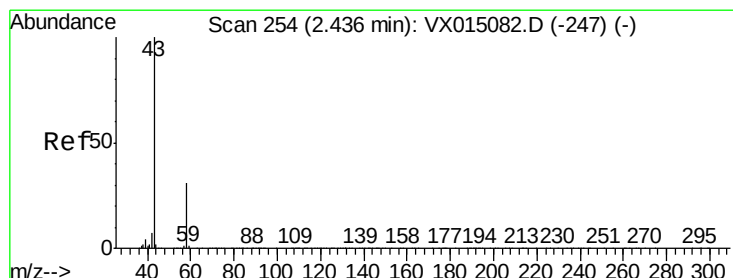
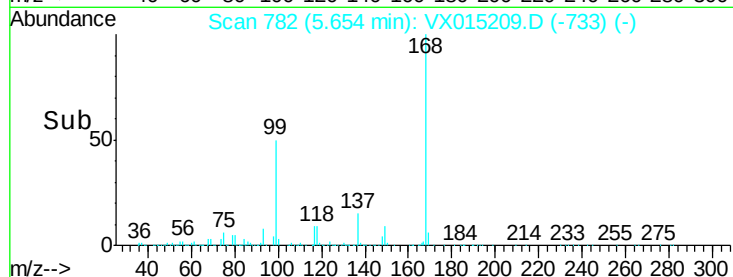
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.67 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015209.D

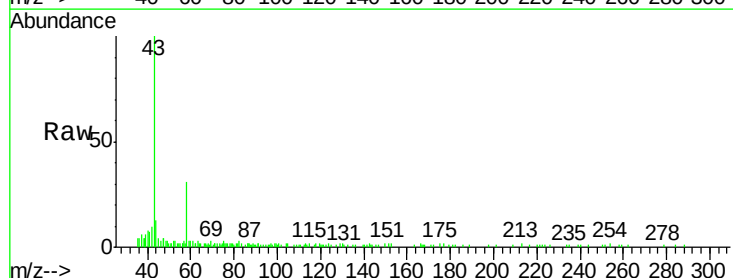
Acq: 11 Mar 2020 18:25

Tgt Ion: 43 Resp: 11220

Ion Ratio Lower Upper

43 100

58 28.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

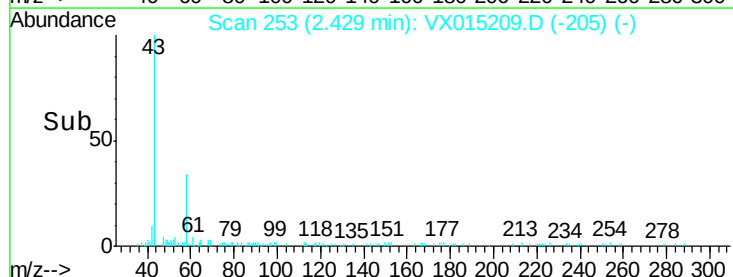
6000

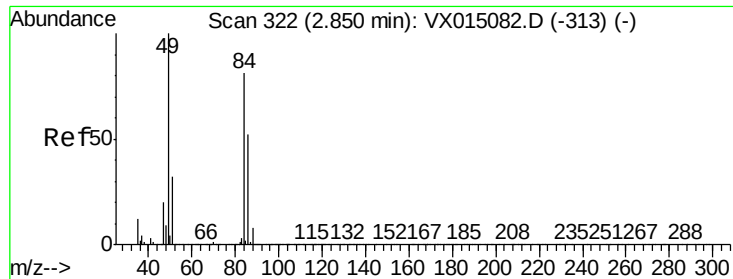
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.61 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX015209.D

Acq: 11 Mar 2020 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#18

Tgt Ion: 84 Resp: 8917

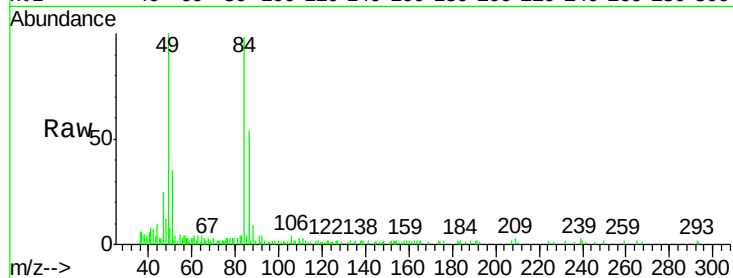
Ion Ratio Lower Upper

84 100

49 99.1 99.4 149.2#

51 31.2 31.5 47.3#

86 52.7 51.6 77.4

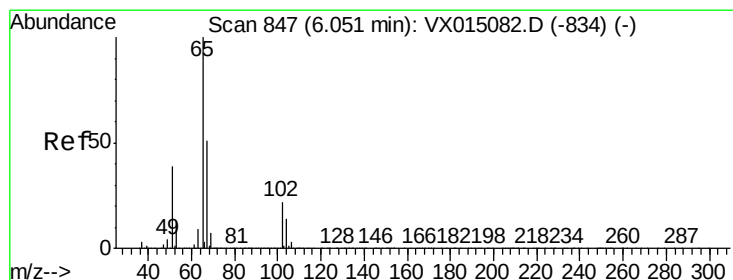
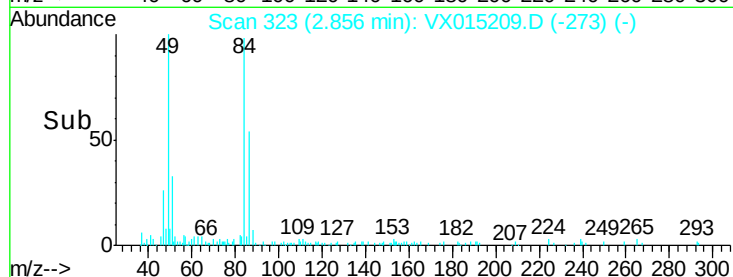
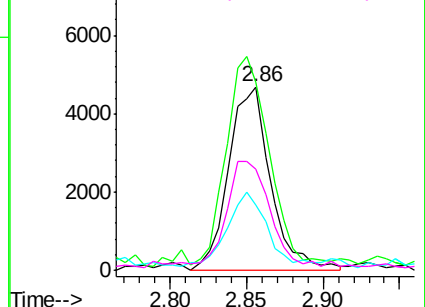


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.70 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015209.D

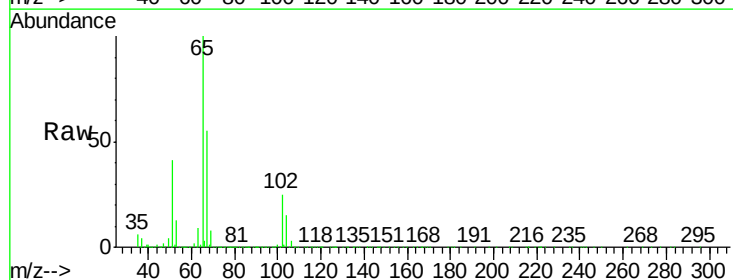
Acq: 11 Mar 2020 18:25

Tgt Ion: 65 Resp: 179453

Ion Ratio Lower Upper

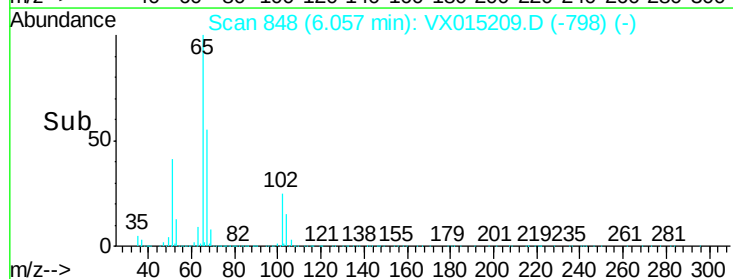
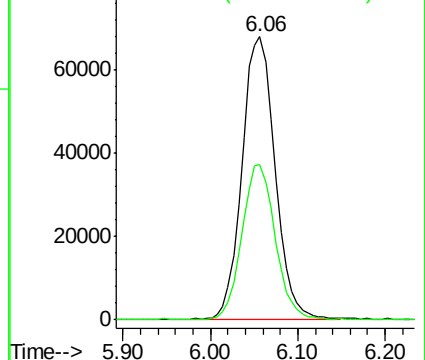
65 100

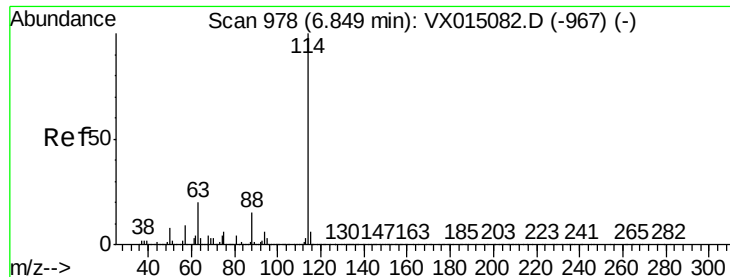
67 55.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

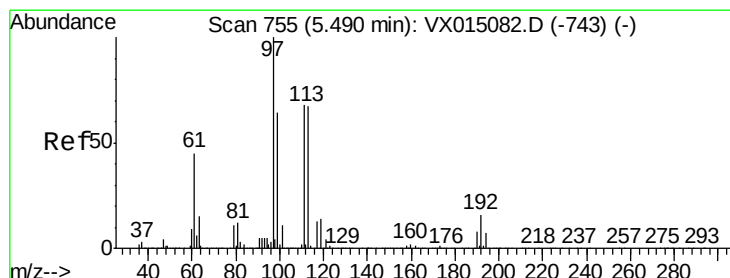
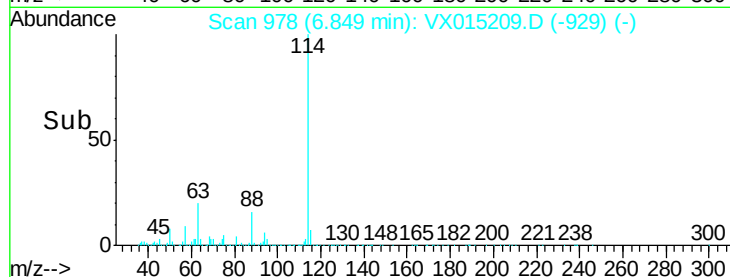
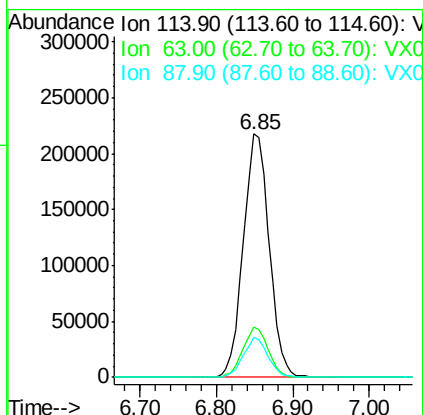
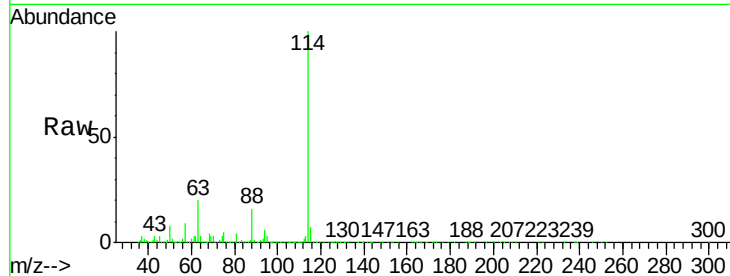




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015209.D
Acq: 11 Mar 2020 18:25

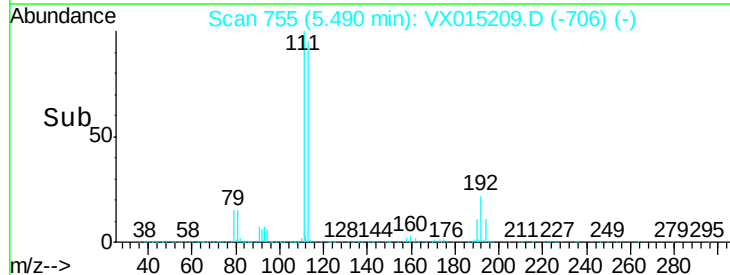
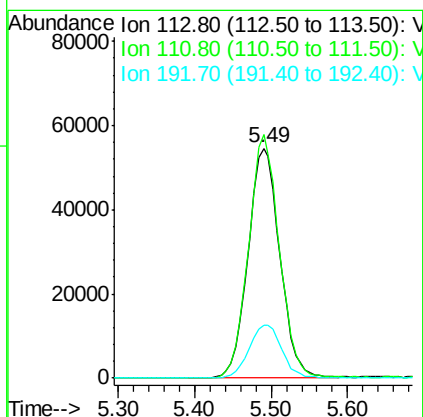
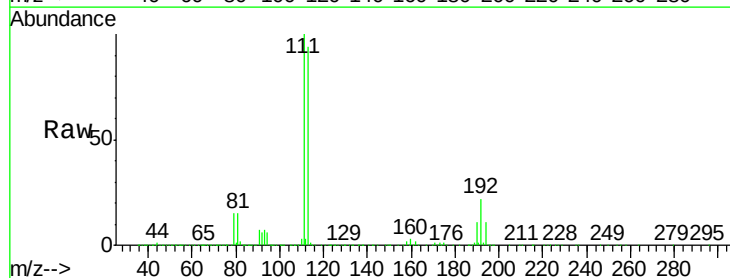
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#18

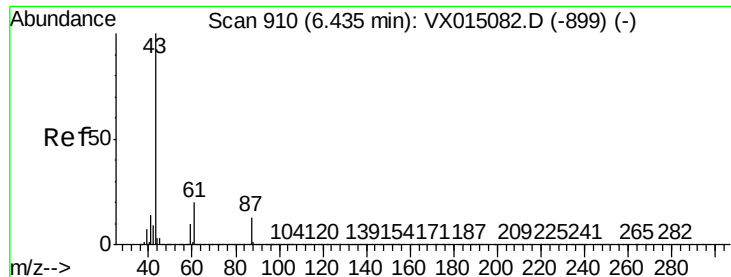
Tgt Ion:	114	Resp:	511390
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	16.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.04 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015209.D
Acq: 11 Mar 2020 18:25

Tgt Ion:	113	Resp:	158221
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	24.0	18.6	28.0





#43

Isopropyl Acetate

Concen: 10.76 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015209.D

Acq: 11 Mar 2020 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#18

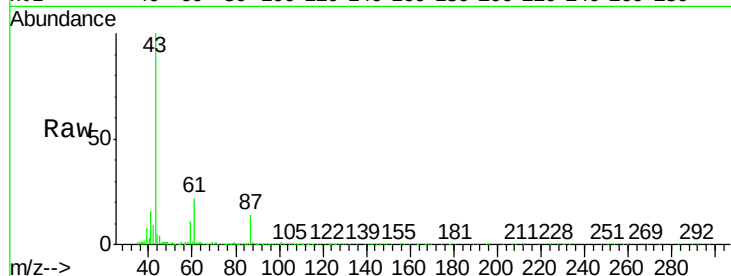
Tgt Ion: 43 Resp: 83006

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

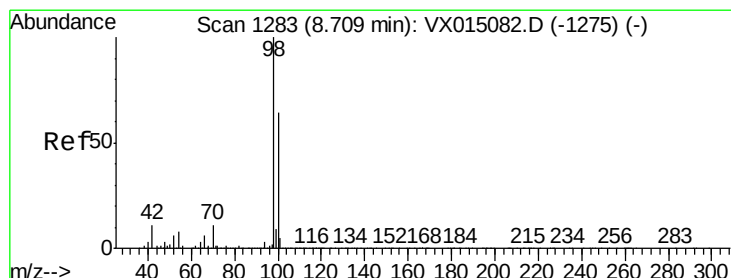
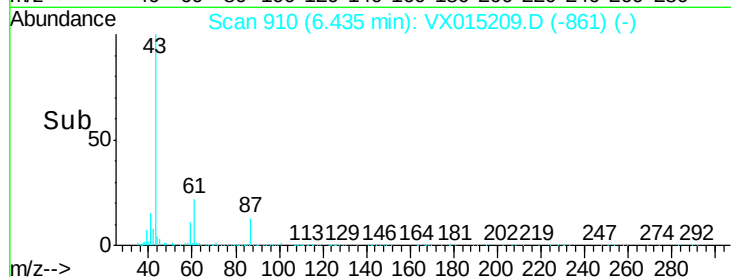
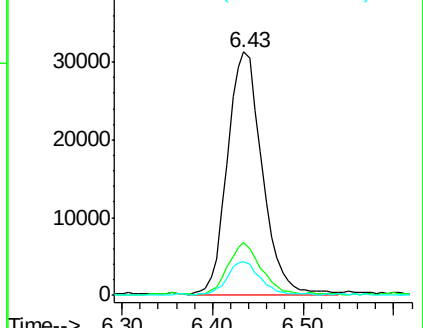
87 13.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.02 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015209.D

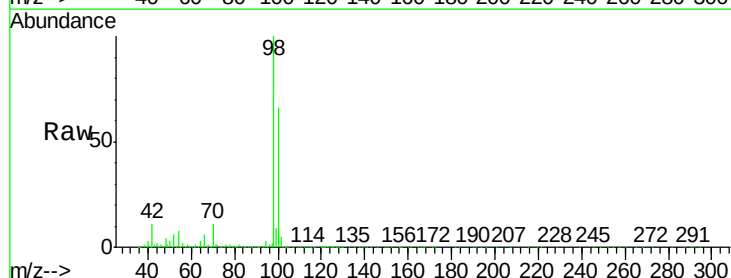
Acq: 11 Mar 2020 18:25

Tgt Ion: 98 Resp: 638411

Ion Ratio Lower Upper

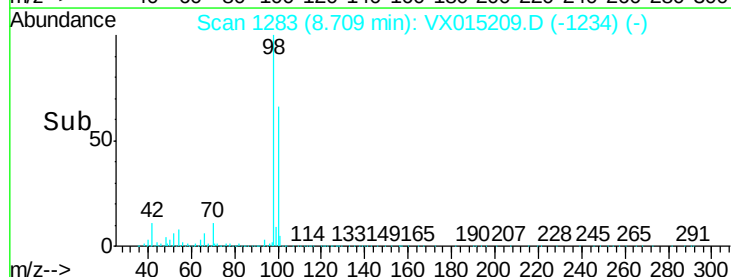
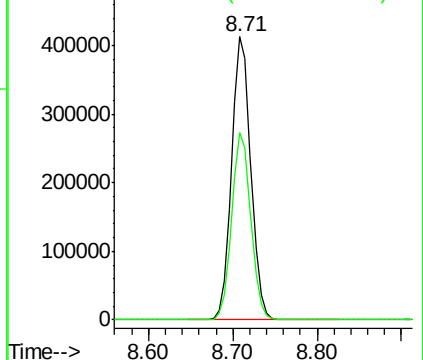
98 100

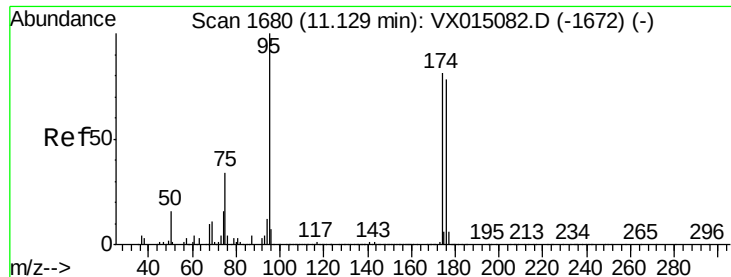
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.93 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015209.D

Acq: 11 Mar 2020 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#18

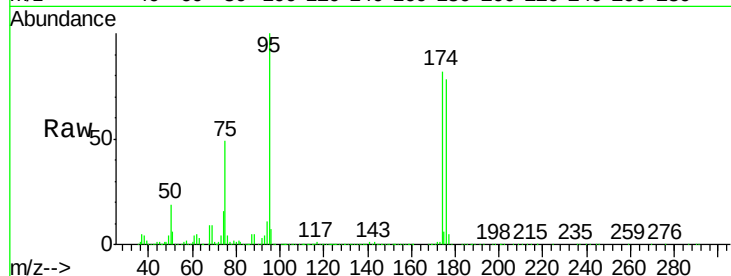
Tgt Ion: 95 Resp: 236059

Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

176 86.2 0.0 170.2

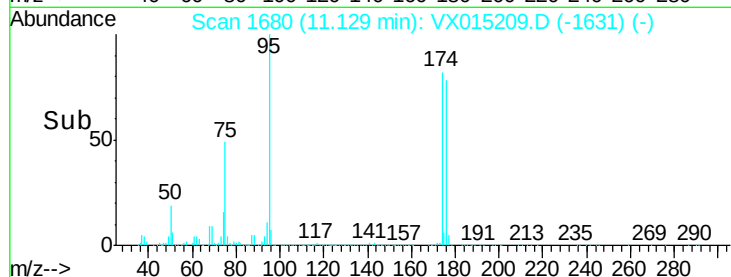


Abundance Ion 94.90 (94.60 to 95.60): VX015209.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015209.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015209.D (-1631) (-)

Time-->



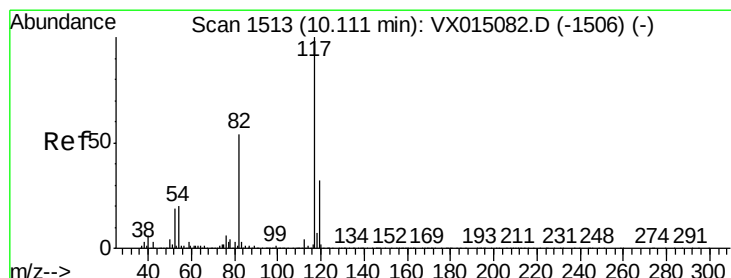
Abundance

Ion 94.90 (94.60 to 95.60): VX015209.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015209.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015209.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015209.D

Acq: 11 Mar 2020 18:25

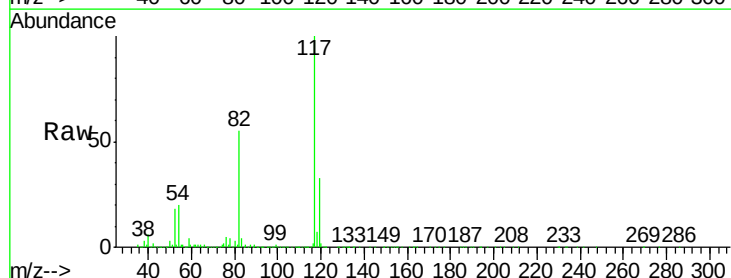
Tgt Ion: 117 Resp: 504934

Ion Ratio Lower Upper

117 100

82 55.0 43.3 64.9

119 32.5 25.8 38.8

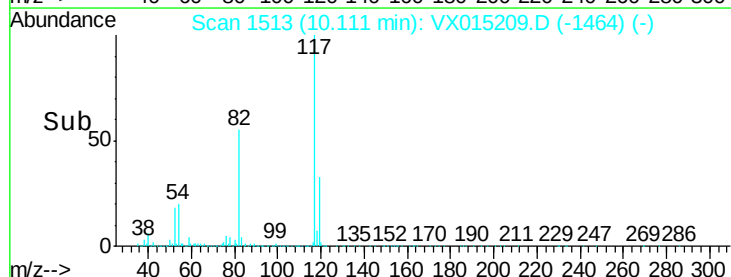


Abundance Ion 116.90 (116.60 to 117.60): VX015209.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015209.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015209.D (-1464) (-)

Time-->



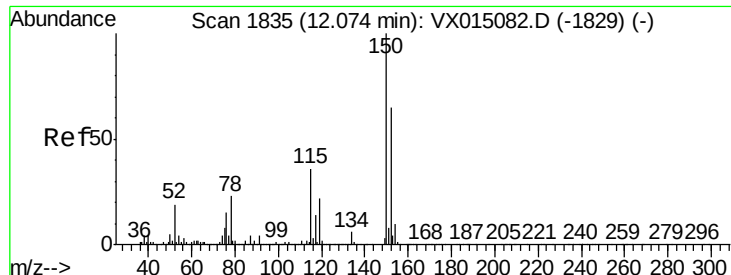
Abundance

Ion 116.90 (116.60 to 117.60): VX015209.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015209.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015209.D (-1464) (-)

Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX015209.D
 Acq: 11 Mar 2020 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.2	114.6
150	157.4	0.0	343.8

