

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015204.D
 Acq On : 11 Mar 2020 16:32
 Operator : JC/SP
 Sample : PB127431ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#13

Quant Time: Mar 12 07:04:06 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	317073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	542705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	542580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268215	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	205837	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	5.49	113	172320	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	677189	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.13	95	248809	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	

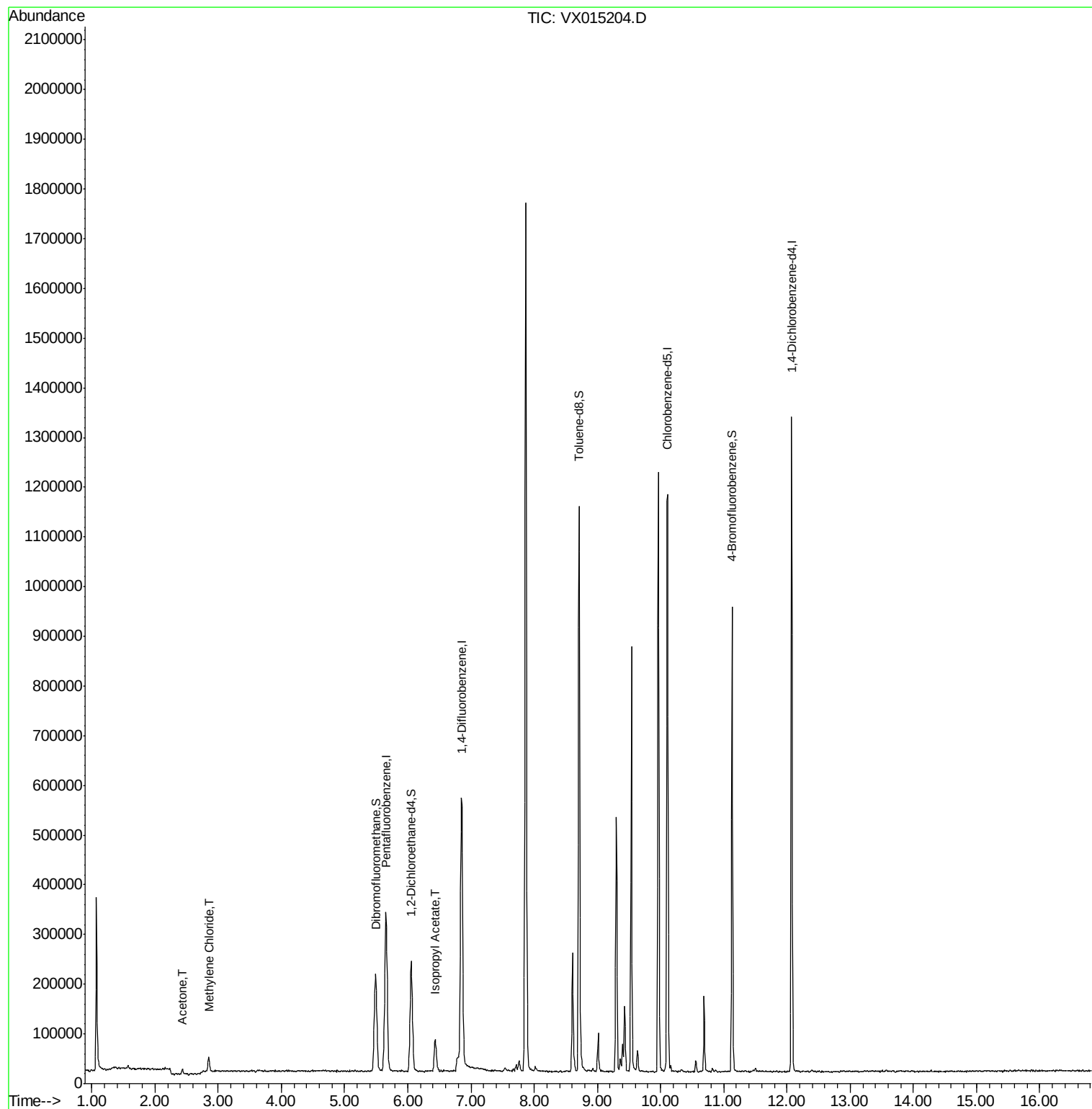
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	11994	7.87	ug/l	94
20) Methylene Chloride	2.85	84	14132	3.96	ug/l	93
43) Isopropyl Acetate	6.43	43	87210	10.65	ug/l	100

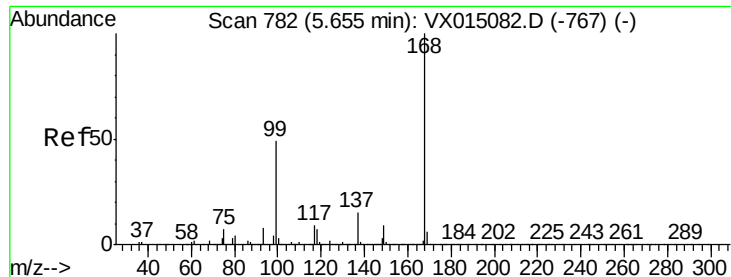
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
Data File : VX015204.D
Acq On : 11 Mar 2020 16:32
Operator : JC/SP
Sample : PB127431ZHE#13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#13

Quant Time: Mar 12 07:04:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
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: VX015204.D

Acq: 11 Mar 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

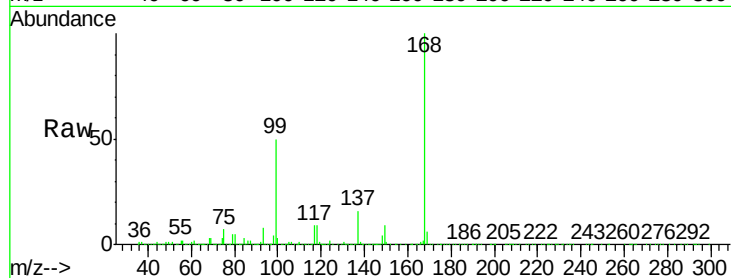
PB127431ZHE#13

Tgt Ion:168 Resp: 317073

Ion Ratio Lower Upper

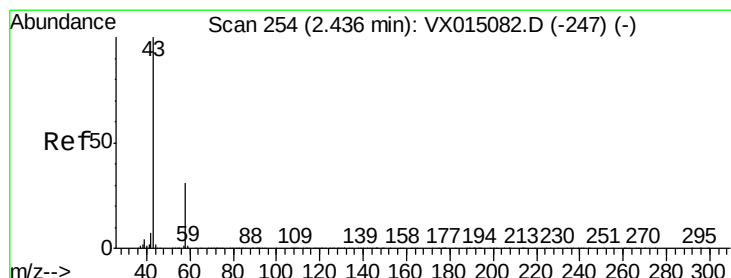
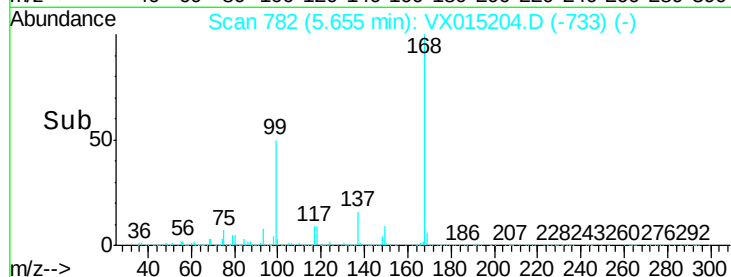
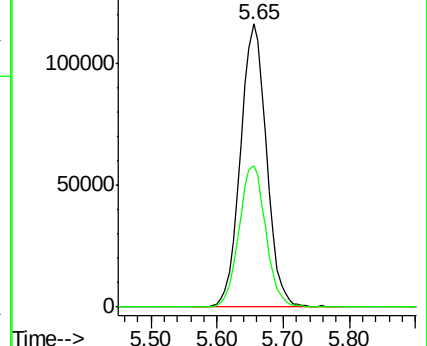
168 100

99 49.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.87 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015204.D

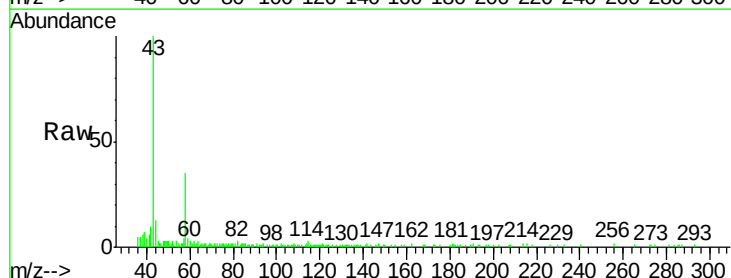
Acq: 11 Mar 2020 16:32

Tgt Ion: 43 Resp: 11994

Ion Ratio Lower Upper

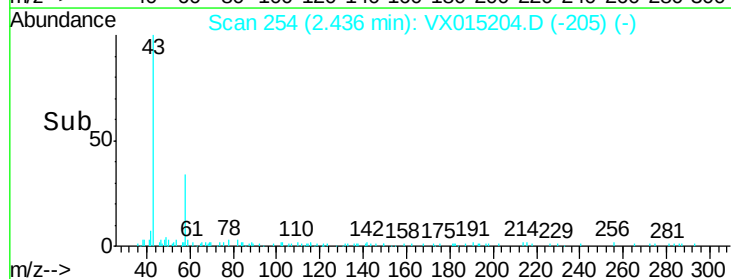
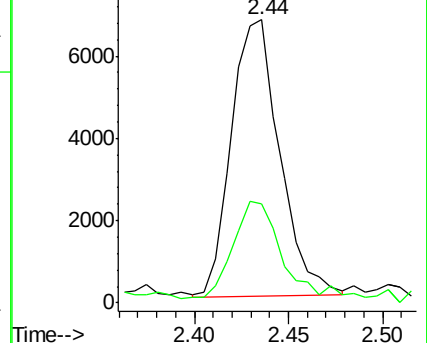
43 100

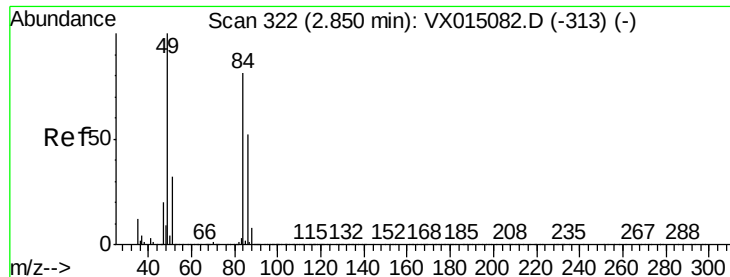
58 34.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 3.96 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015204.D

Acq: 11 Mar 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#13

Tgt Ion: 84 Resp: 14132

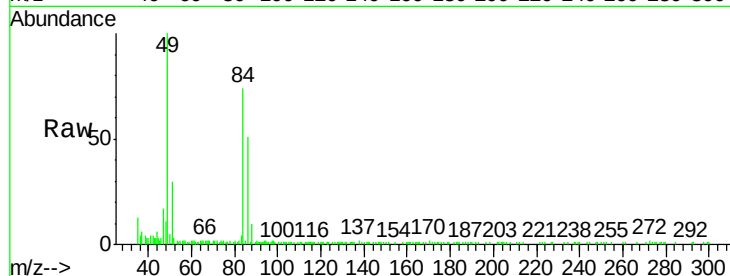
Ion Ratio Lower Upper

84 100

49 134.6 99.4 149.2

51 37.9 31.5 47.3

86 67.9 51.6 77.4

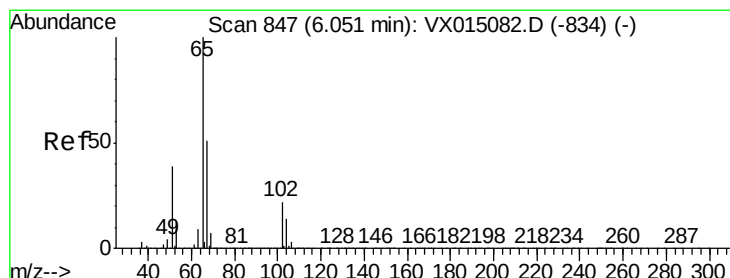
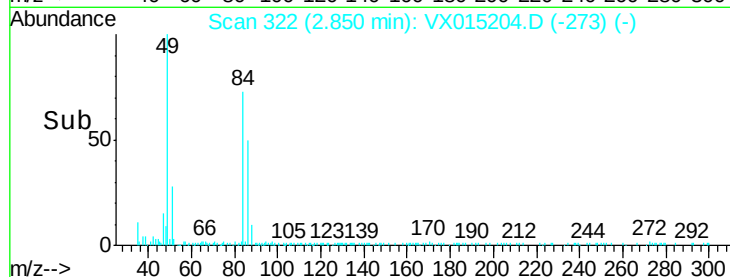
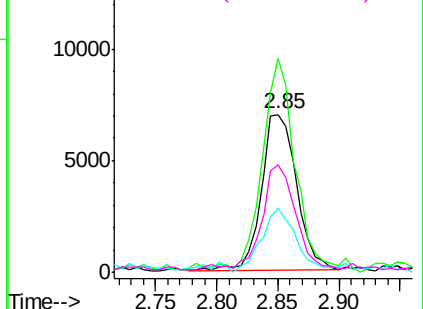


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 54.72 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015204.D

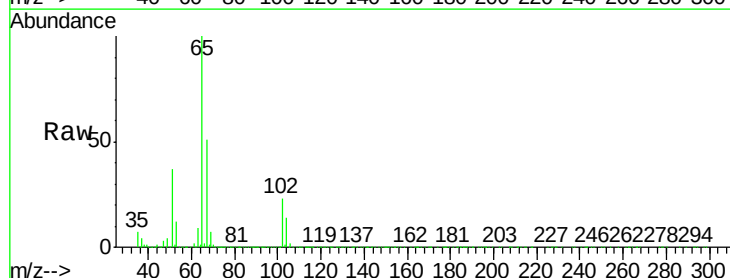
Acq: 11 Mar 2020 16:32

Tgt Ion: 65 Resp: 205837

Ion Ratio Lower Upper

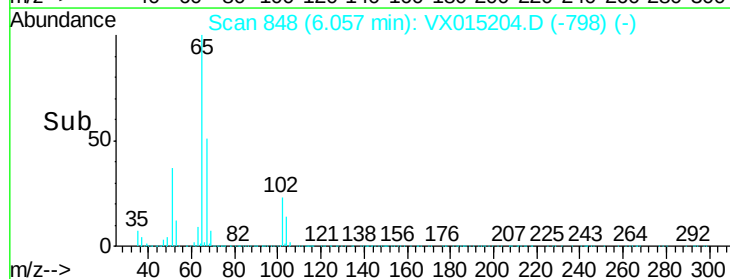
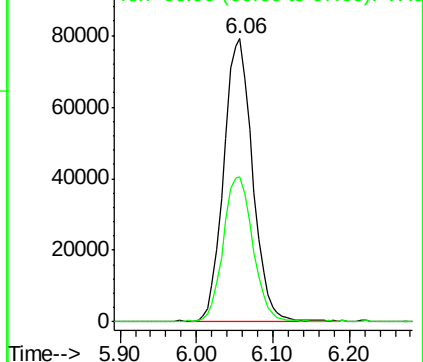
65 100

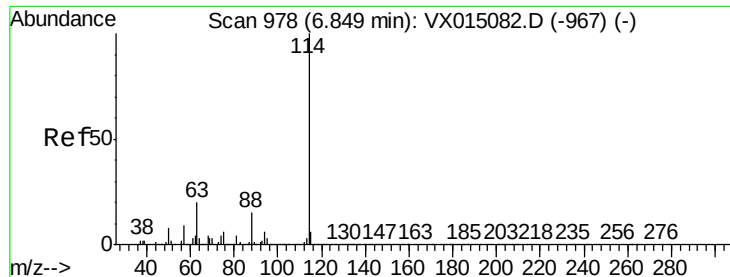
67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

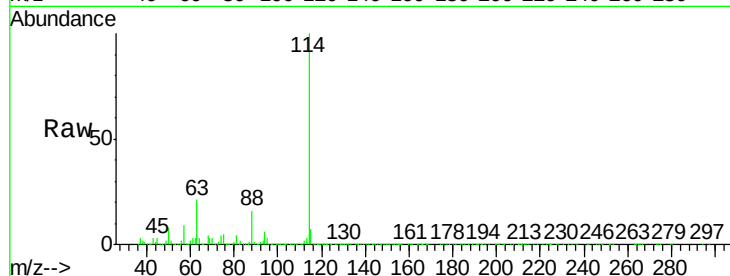




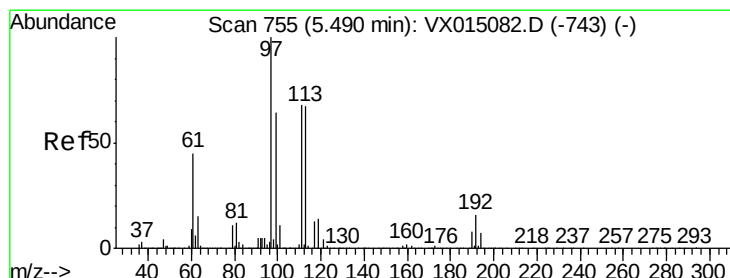
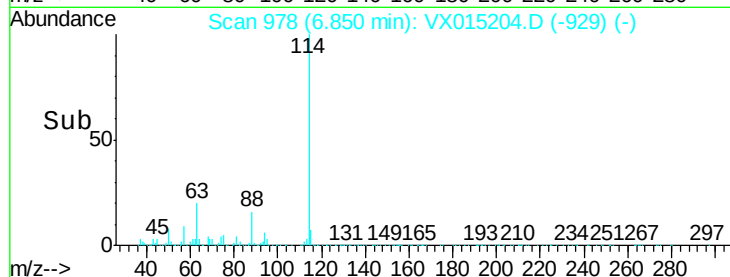
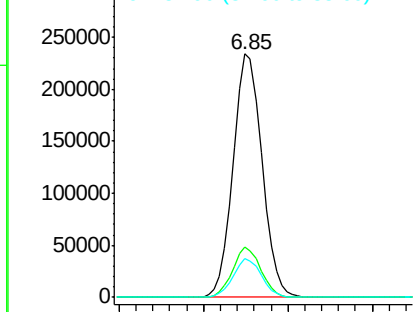
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015204.D
Acq: 11 Mar 2020 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.0
88	15.8	0.0	30.6

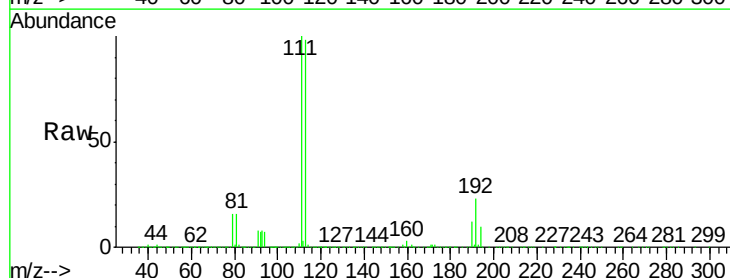


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

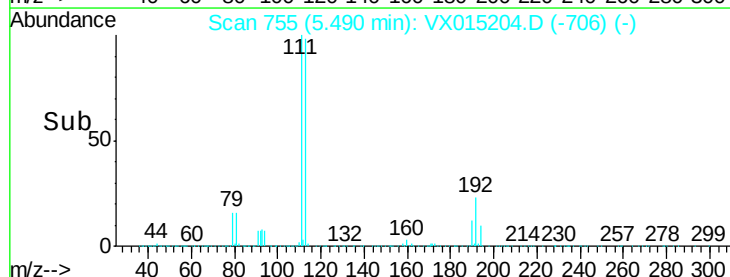
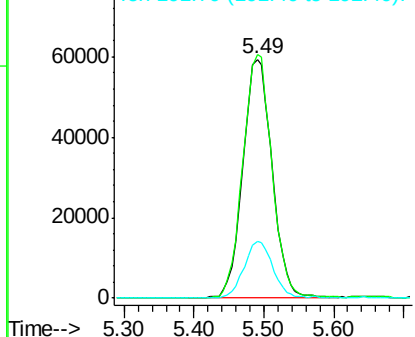


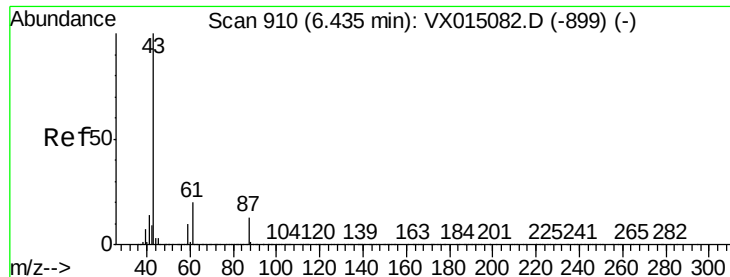
#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015204.D
Acq: 11 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	123.8
192	23.4	18.6	28.0



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





#43

Isopropyl Acetate

Concen: 10.65 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015204.D

Acq: 11 Mar 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#13

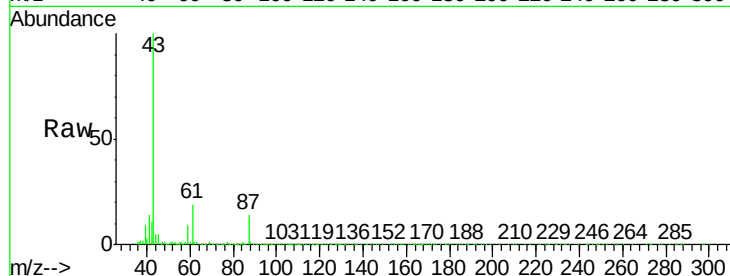
Tgt Ion: 43 Resp: 87210

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

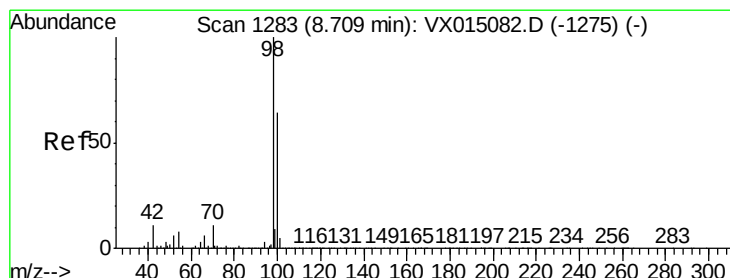
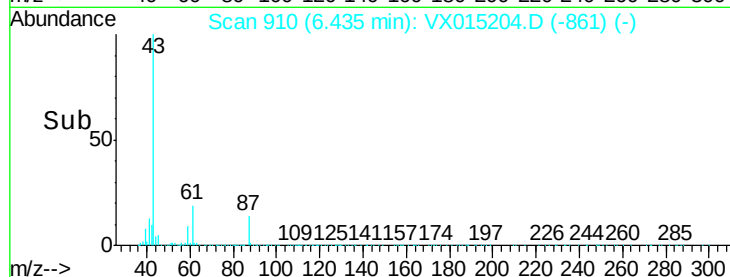
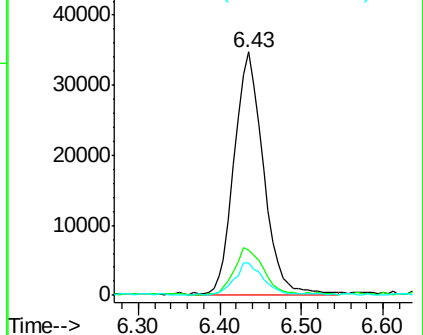
87 13.5 10.6 16.0



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: 52.00 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015204.D

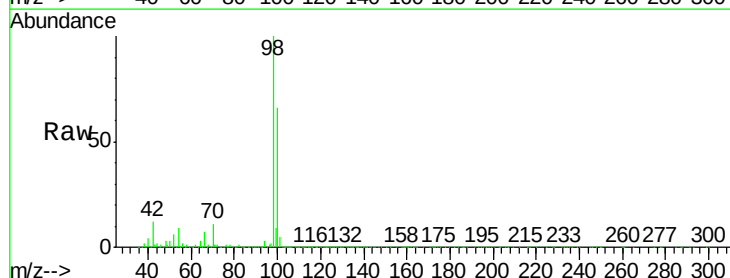
Acq: 11 Mar 2020 16:32

Tgt Ion: 98 Resp: 677189

Ion Ratio Lower Upper

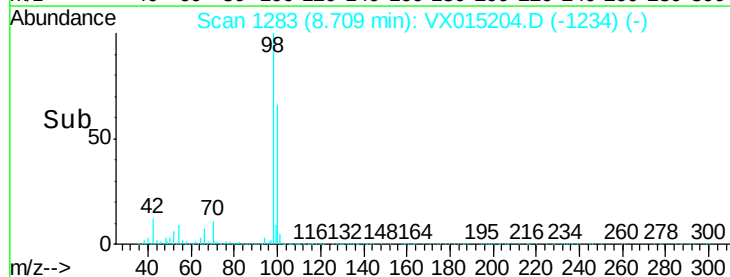
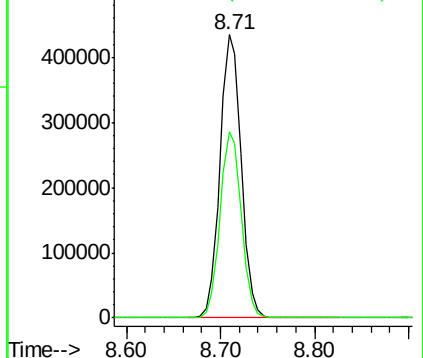
98 100

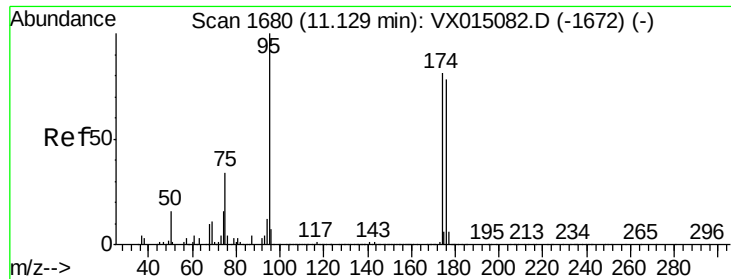
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.56 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015204.D

Acq: 11 Mar 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#13

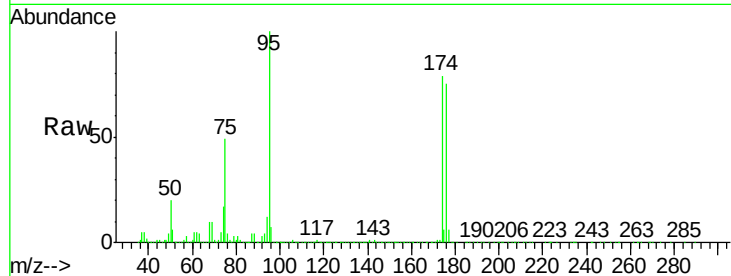
Tgt Ion: 95 Resp: 248809

Ion Ratio Lower Upper

95 100

174 87.8 0.0 177.6

176 83.9 0.0 170.2



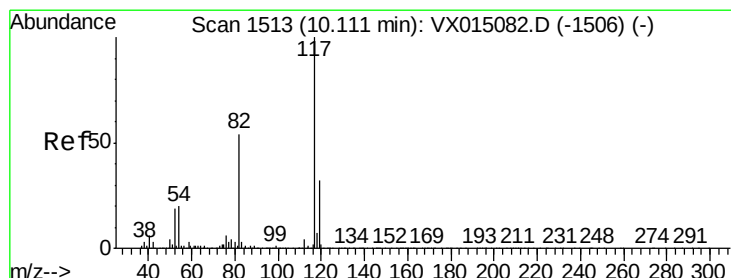
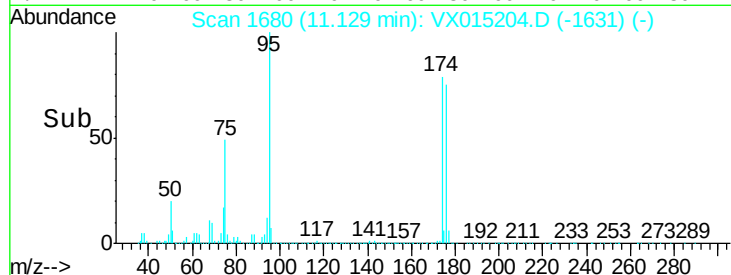
Abundance Ion 94.90 (94.60 to 95.60): VX015204.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015204.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015204.D (-1631) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015204.D

Acq: 11 Mar 2020 16:32

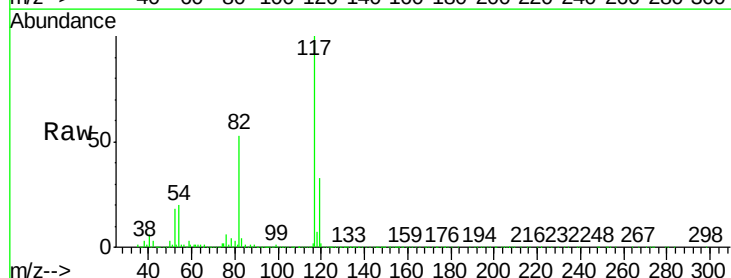
Tgt Ion: 117 Resp: 542580

Ion Ratio Lower Upper

117 100

82 52.9 43.3 64.9

119 33.1 25.8 38.8



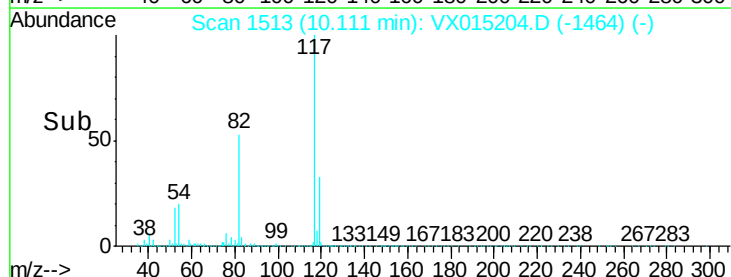
Abundance Ion 116.90 (116.60 to 117.60): VX015204.D (-1464) (-)

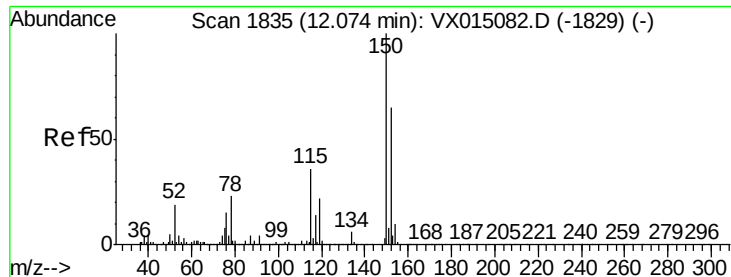
Ion 82.00 (81.70 to 82.70): VX015204.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015204.D (-1464) (-)

10.11

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: VX015204.D

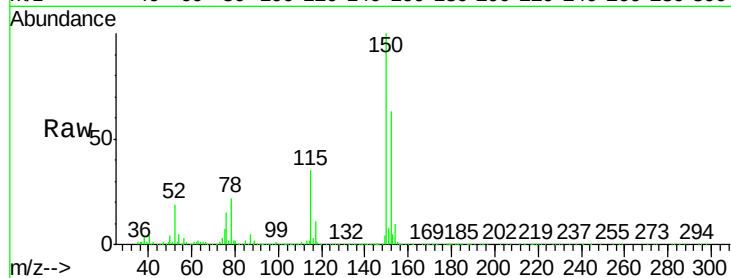
Acq: 11 Mar 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#13



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.2	114.6
150	158.0	0.0	343.8

