

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014198.D
 Acq On : 23 Dec 2019 13:40
 Operator : JC/SP
 Sample : K6386-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCKPILE

Quant Time: Dec 24 02:50:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

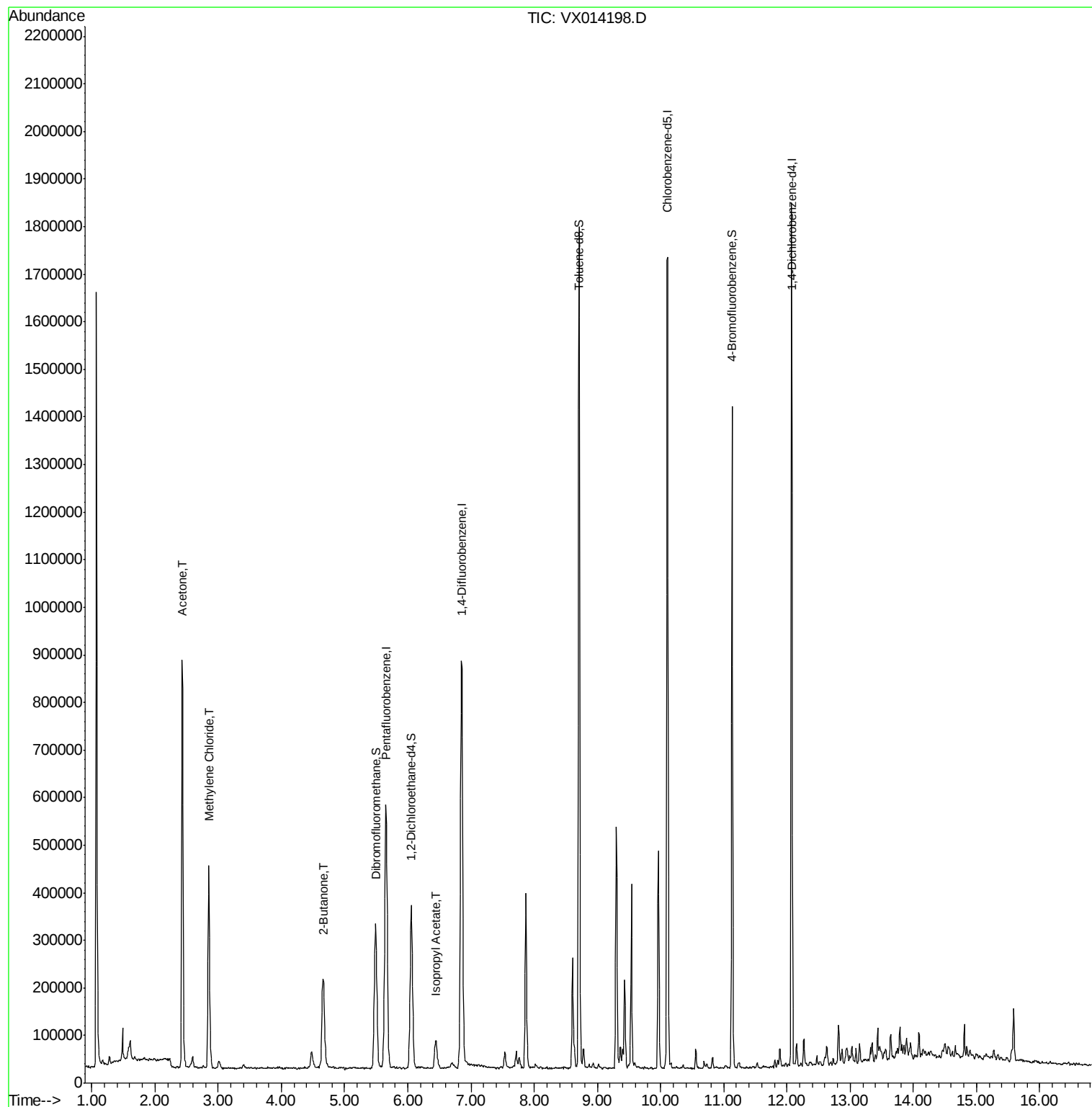
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	574670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	888452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	806073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	319087	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	5.49	113	261761	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	1051938	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	368539	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
Target Compounds						
16) Acetone	2.43	43	900695	213.011	ug/l	99
20) Methylene Chloride	2.85	84	196622	29.529	ug/l	99
25) 2-Butanone	4.66	43	343010	65.798	ug/l	99
43) Isopropyl Acetate	6.43	43	64661	4.340	ug/l	94

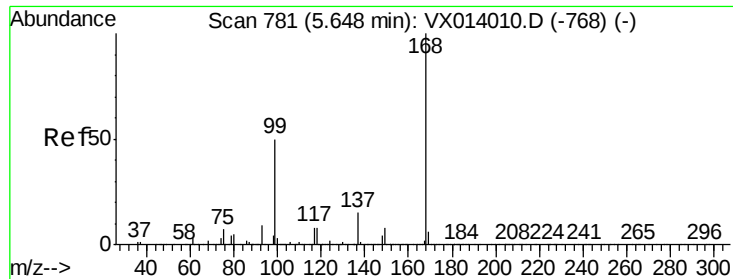
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

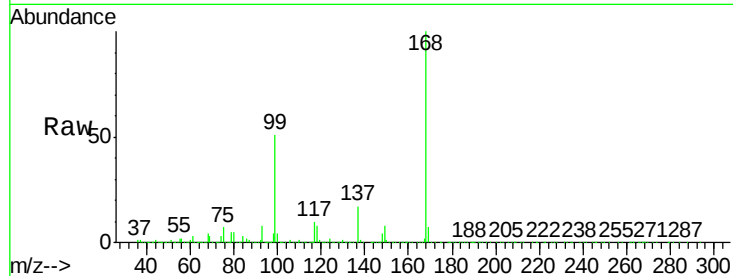
STOCKPILE

Tot Ion:168 Resp: 574670

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

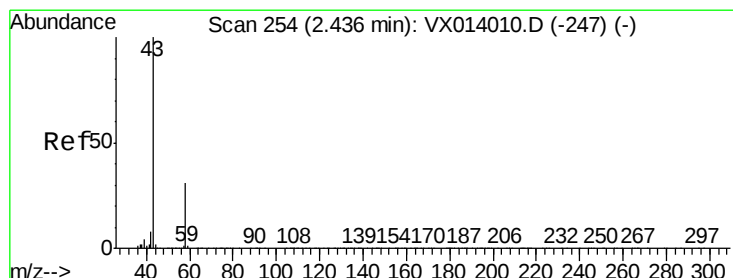
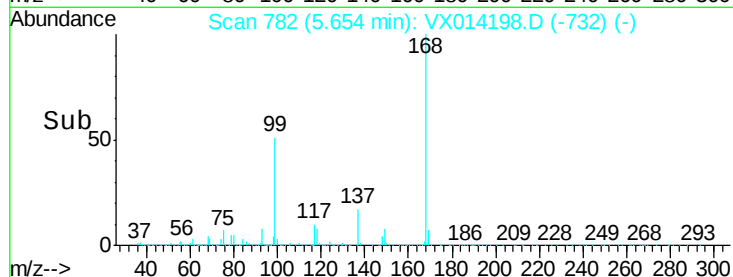
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 213.011 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014198.D

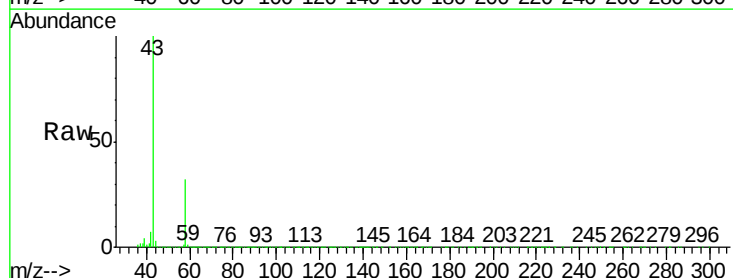
Acq: 23 Dec 2019 13:40

Tgt Ion: 43 Resp: 900695

Ion Ratio Lower Upper

43 100

58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

600000

500000

400000

300000

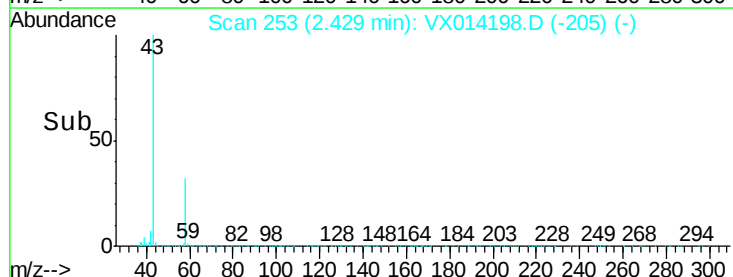
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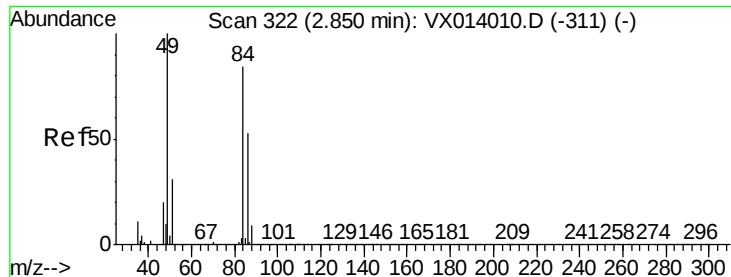
100000

0

Time-->

2.30 2.40 2.50 2.60

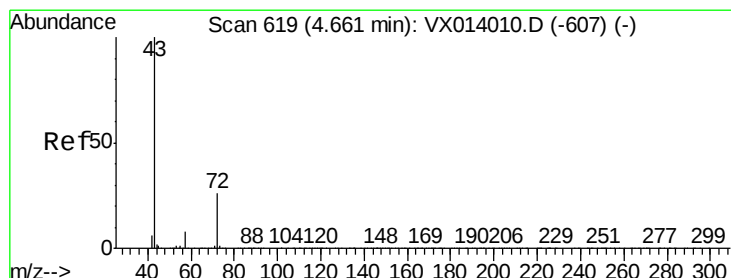
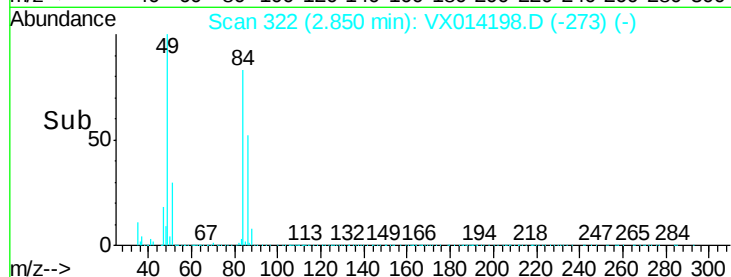
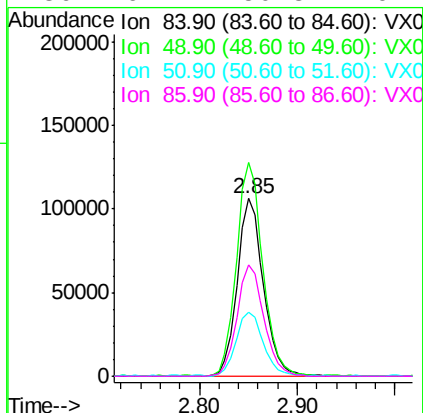
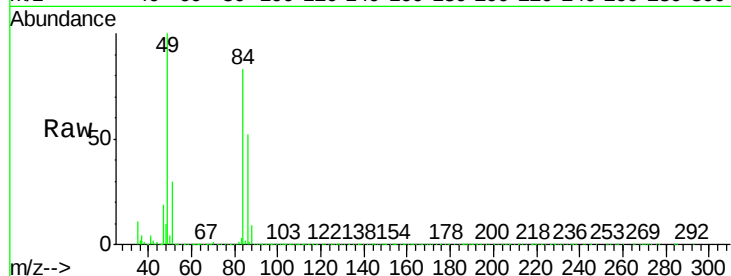




#20
Methvlene Chloride
Concen: 29.529 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014198.D
Acq: 23 Dec 2019 13:40

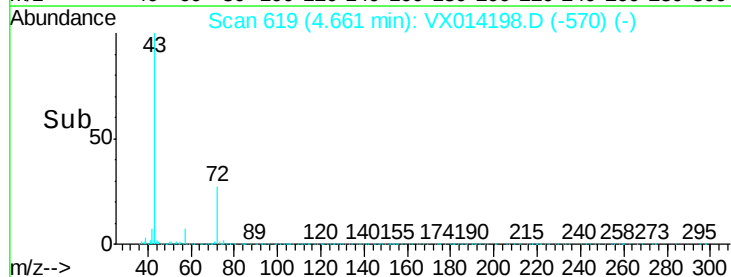
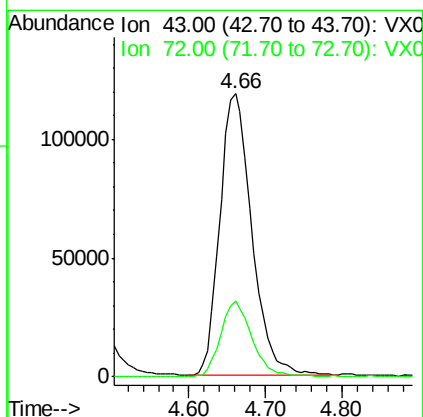
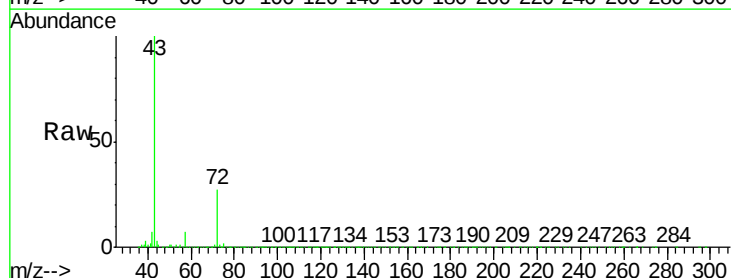
Instrument :
MSVOA_X
ClientSampleId :
STOCKPILE

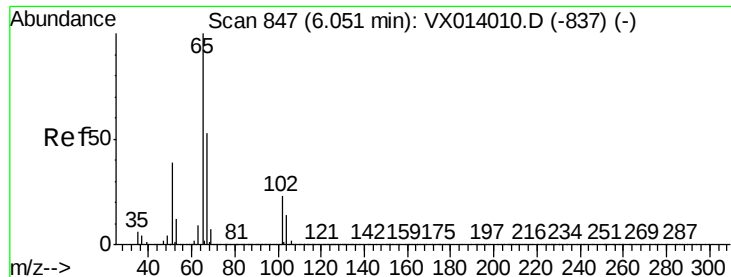
Tot Ion:	84	Resp:	196622
Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.8	143.6
51	35.8	29.8	44.8
86	62.4	50.8	76.2



#25
2-Butanone
Concen: 65.798 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX014198.D
Acq: 23 Dec 2019 13:40

Tgt Ion:	43	Resp:	343010
Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.0	31.4





#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

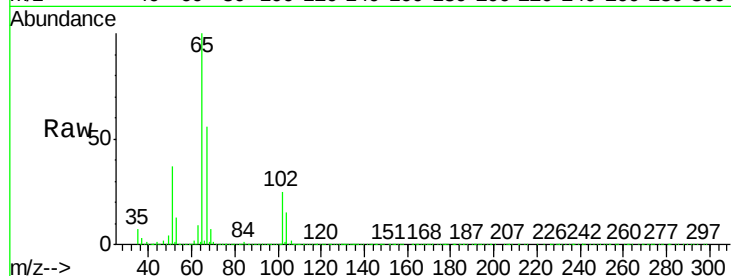
STOCKPILE

Tot Ion: 65 Resp: 319087

Ion Ratio Lower Upper

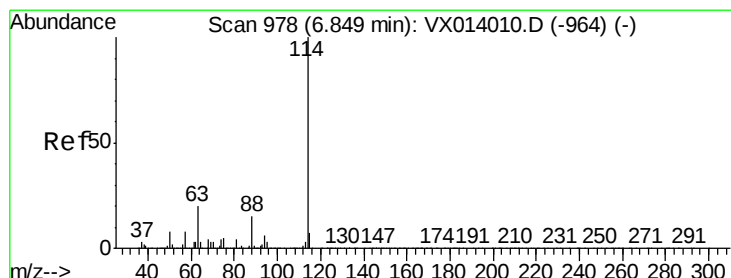
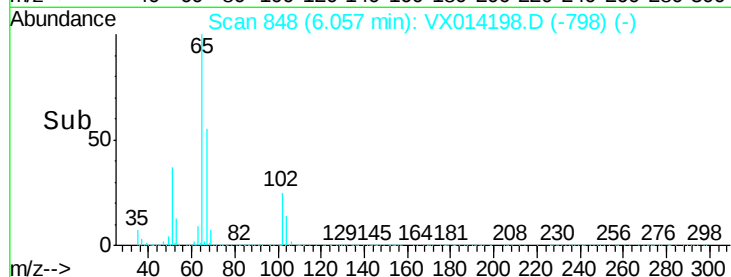
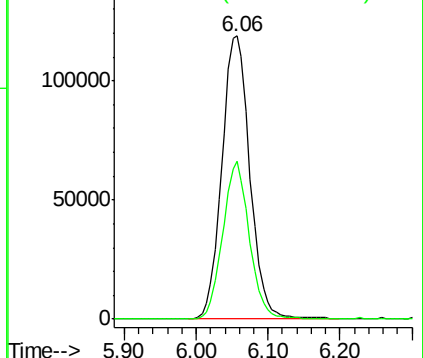
65 100

67 53.3 0.0 106.4



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: VX014198.D

Acq: 23 Dec 2019 13:40

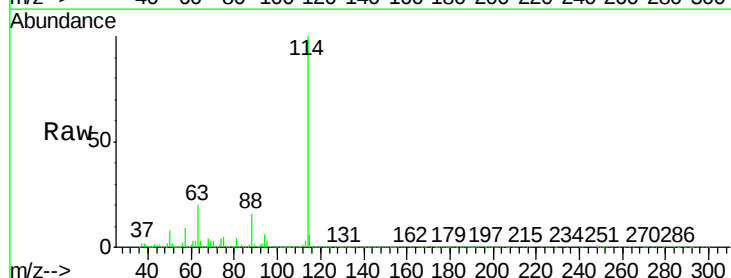
Tgt Ion: 114 Resp: 888452

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

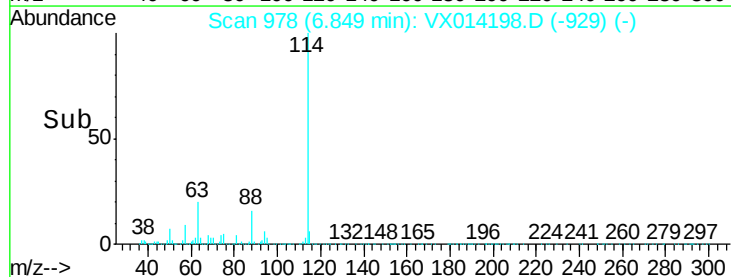
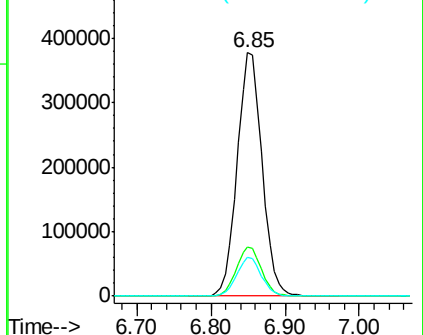
88 15.7 0.0 30.4

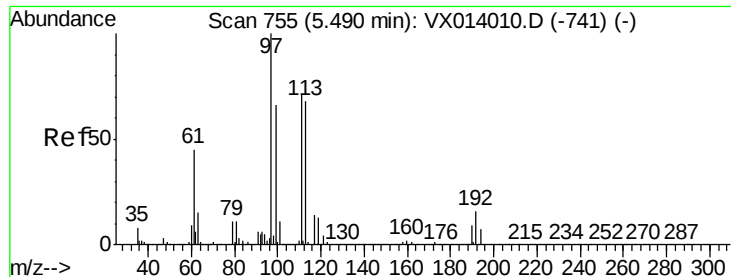


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.467 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

STOCKPILE

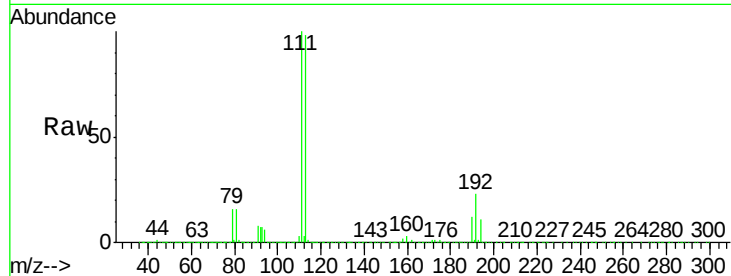
Tot Ion:113 Resp: 261761

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 23.5 19.3 28.9



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

120000

100000

80000

60000

40000

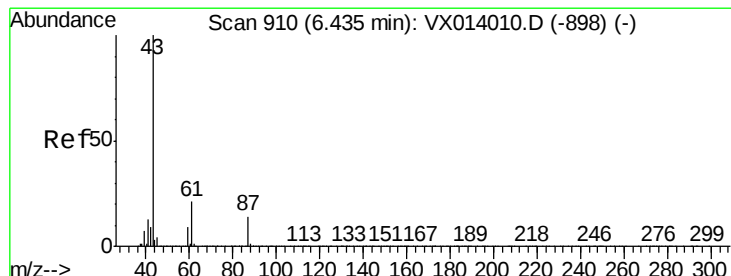
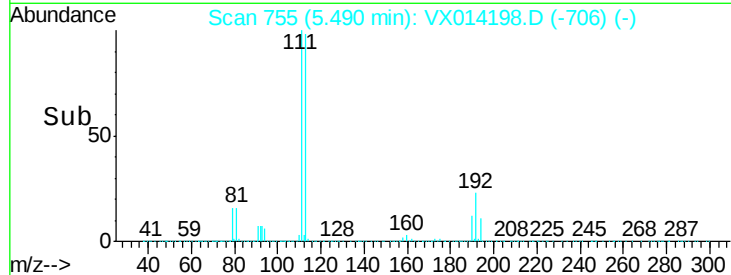
20000

0

5.49

5.40 5.50 5.60

Time-->



#43

Isopropyl Acetate

Concen: 4.340 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

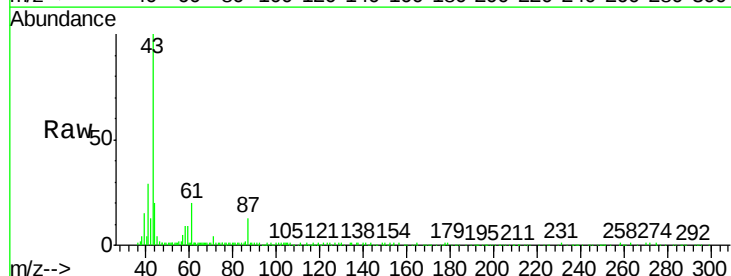
Tgt Ion: 43 Resp: 64661

Ion Ratio Lower Upper

43 100

61 17.5 16.4 24.6

87 10.8 10.7 16.1



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

30000

25000

20000

15000

10000

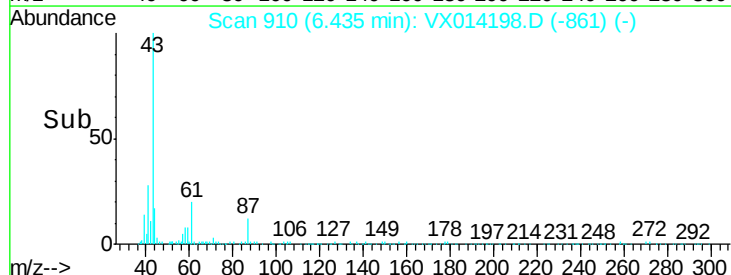
5000

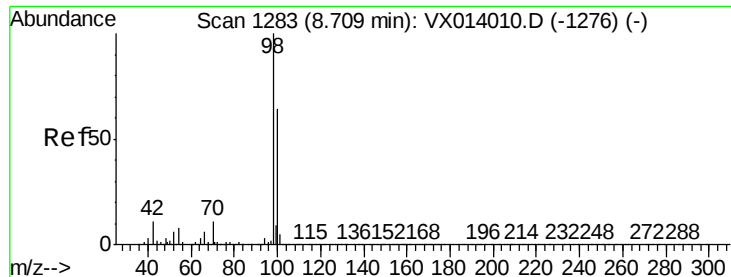
0

6.43

6.40 6.50

Time-->





#50

Toluene-d8

Concen: 50.029 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

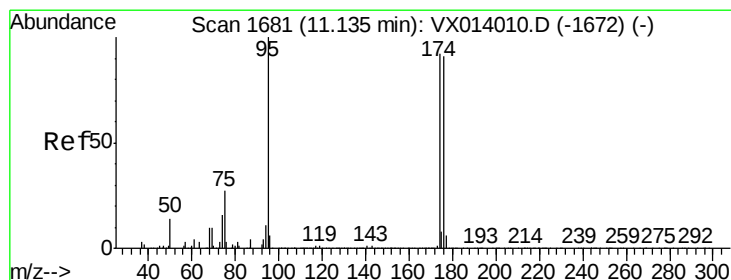
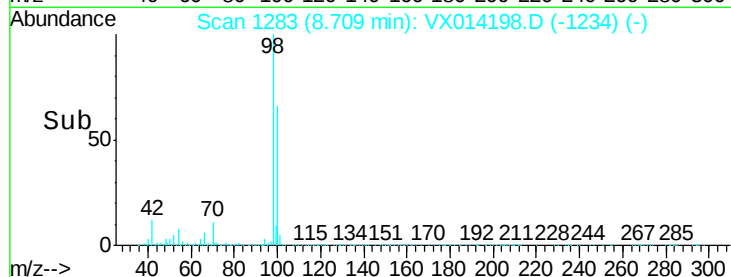
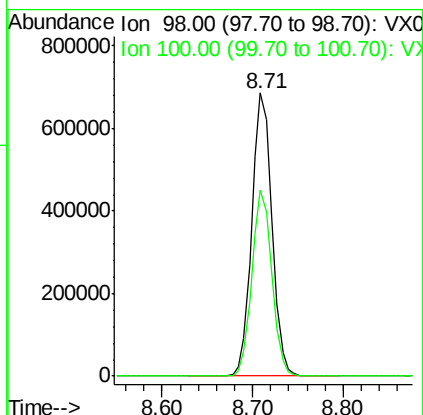
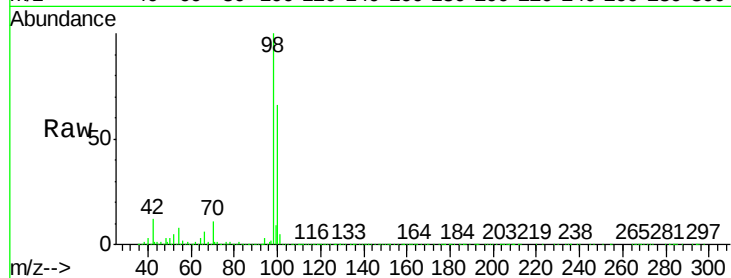
STOCKPILE

Tot Ion: 98 Resp: 1051938

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.948 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

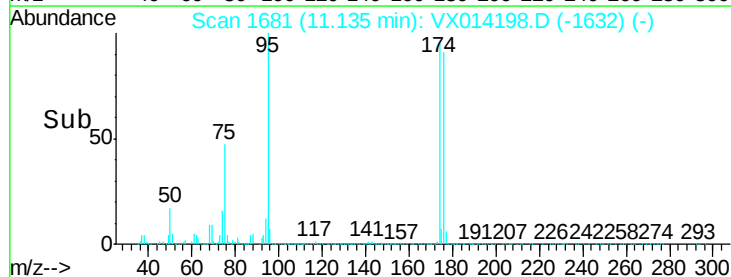
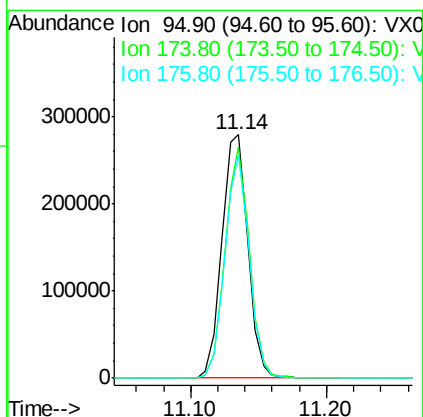
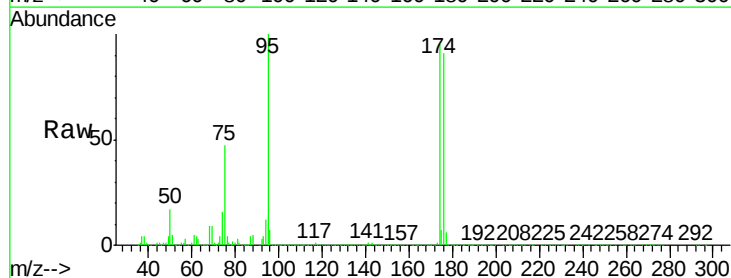
Tgt Ion: 95 Resp: 368539

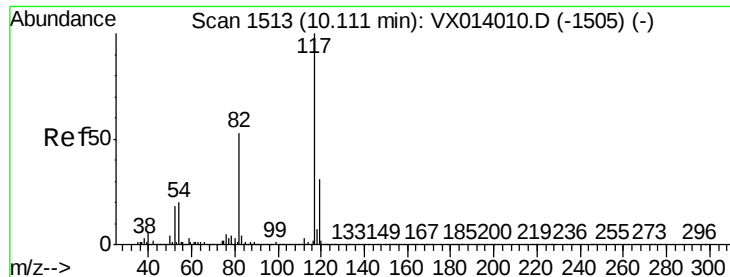
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 85.8 0.0 173.0

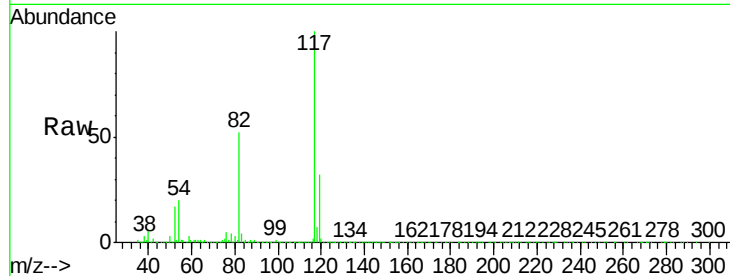




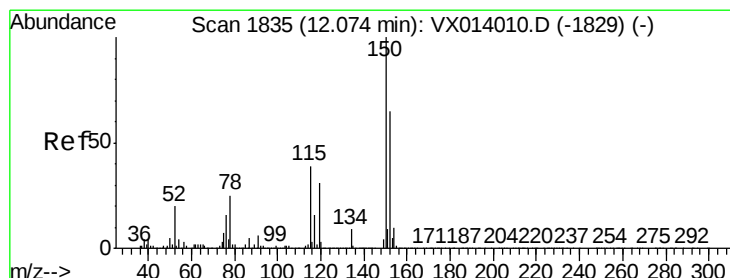
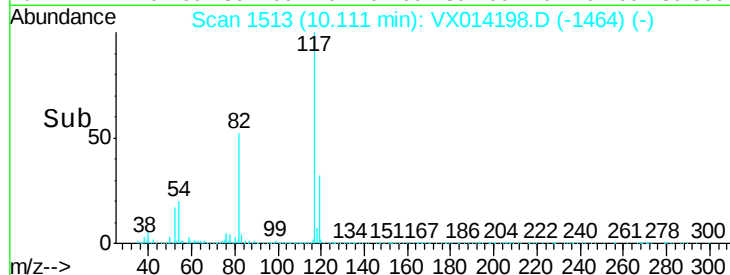
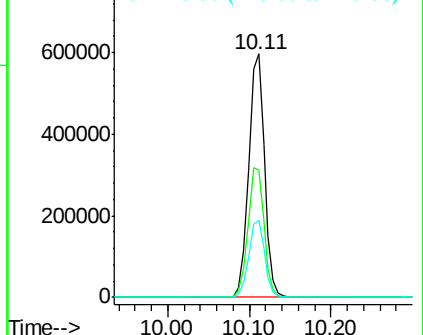
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014198.D
Acq: 23 Dec 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.8	25.1	37.7

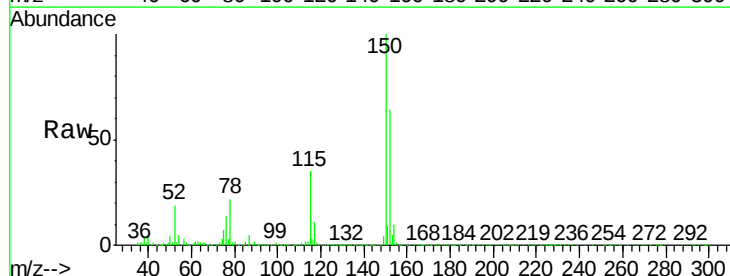


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014198.D
Acq: 23 Dec 2019 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.3	114.9
150	156.0	0.0	345.4



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

