

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015108.D
 Acq On : 05 Mar 2020 13:48
 Operator : JC/SP
 Sample : L1812-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-TANK -030420

Quant Time: Mar 06 03:46:11 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

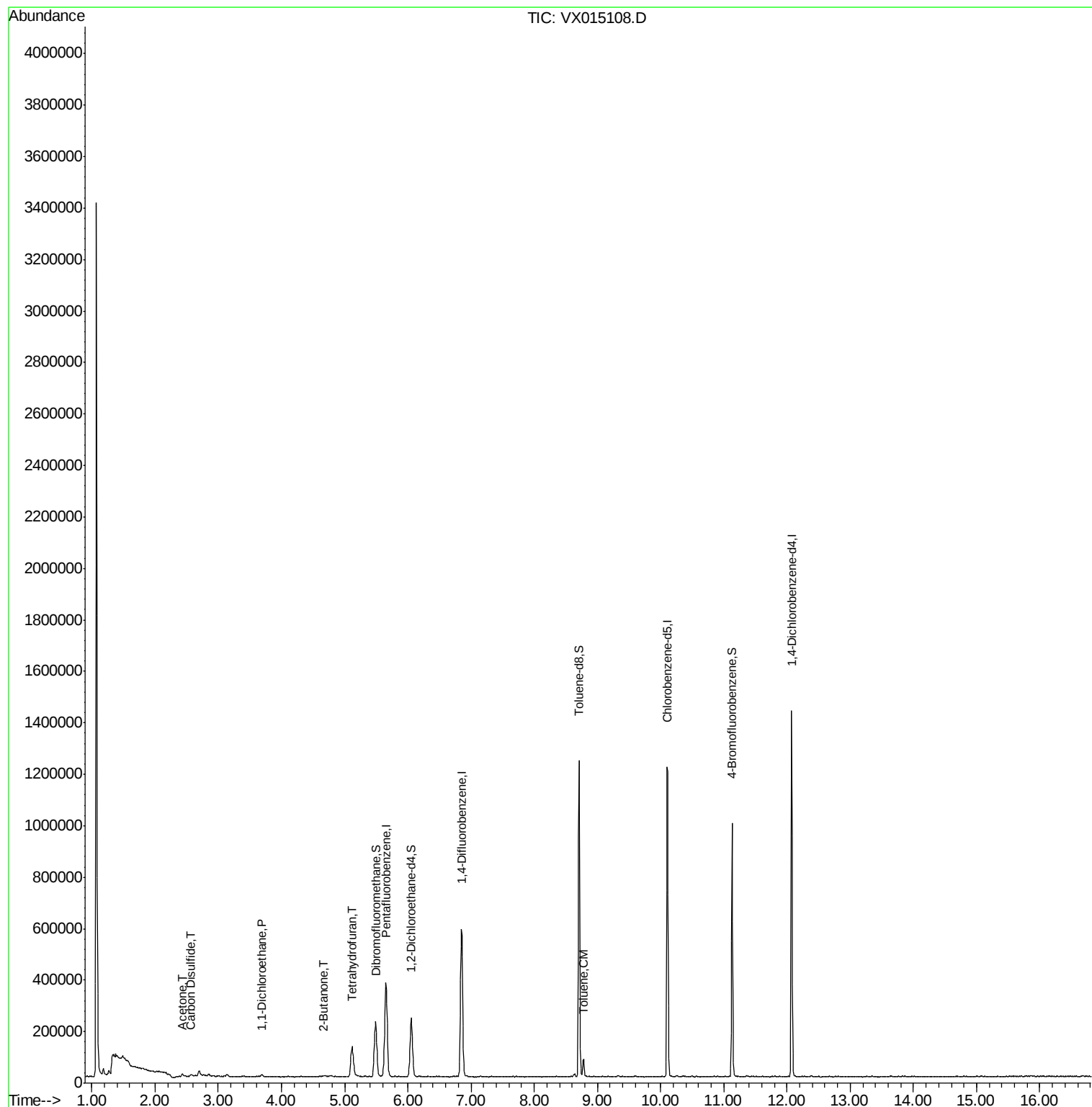
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	374027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	585794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	215787	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	181280	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	714945	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.14	95	260585	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
Target Compounds						
16) Acetone	2.43	43	11600	6.455	ug/l	98
17) Carbon Disulfide	2.57	76	14373	1.424	ug/l	98
24) 1,1-Dichloroethane	3.69	63	9661	1.379	ug/l #	92
25) 2-Butanone	4.67	43	7493	2.848	ug/l #	82
29) Tetrahydrofuran	5.11	42	110466	65.138	ug/l	98
52) Toluene	8.78	92	27448	2.794	ug/l	99

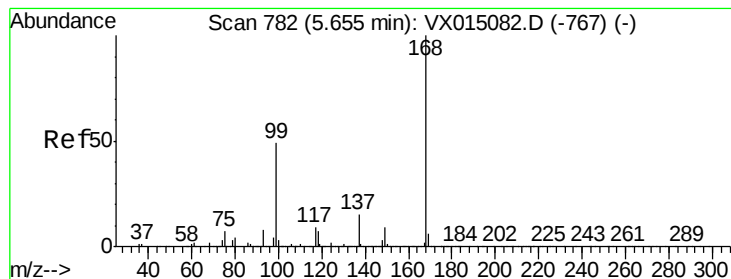
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

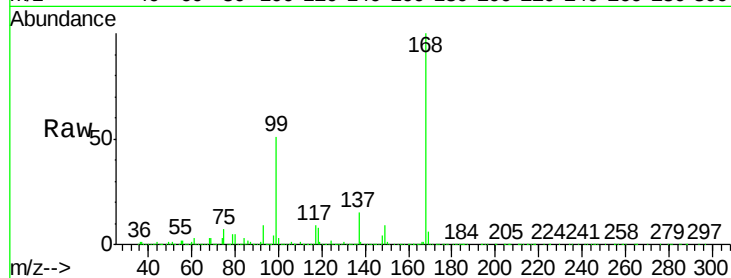
WASTE-TANK -030420

Tot Ion:168 Resp: 374027

Ion Ratio Lower Upper

168 100

99 51.0 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

150000

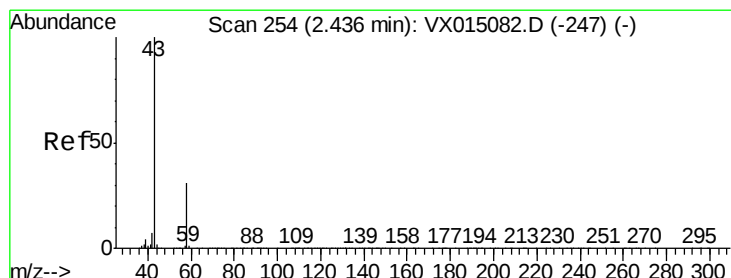
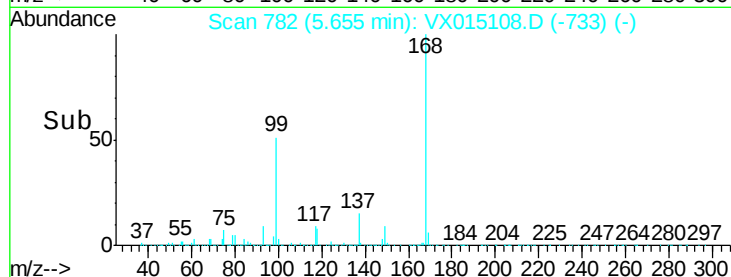
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.455 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015108.D

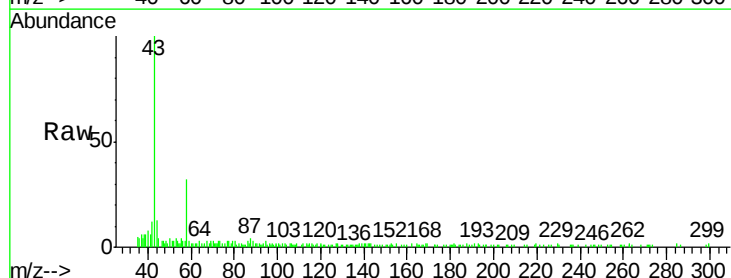
Acq: 05 Mar 2020 13:48

Tgt Ion: 43 Resp: 11600

Ion Ratio Lower Upper

43 100

58 32.0 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

8000

6000

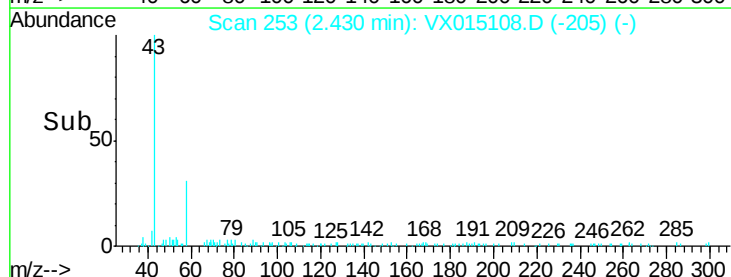
4000

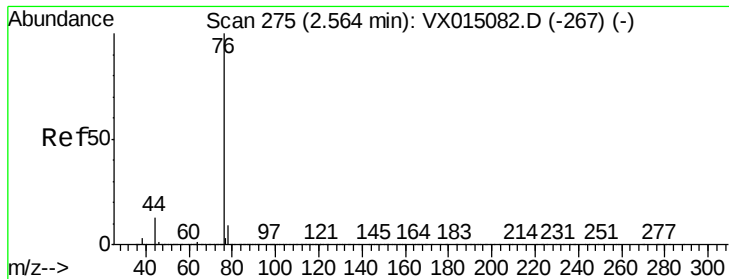
2000

0

Time-->

2.35 2.40 2.45 2.50

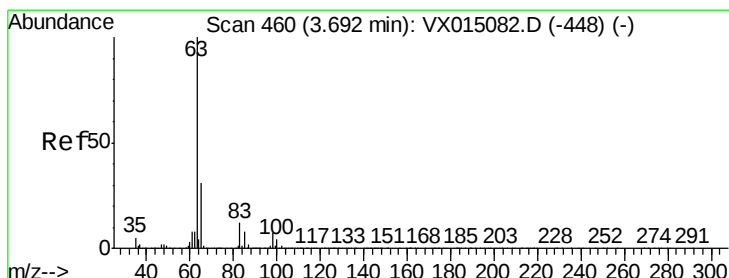
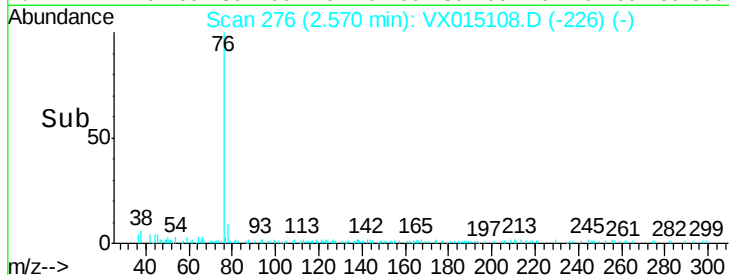
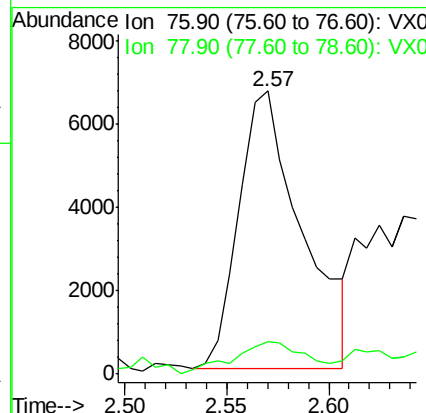
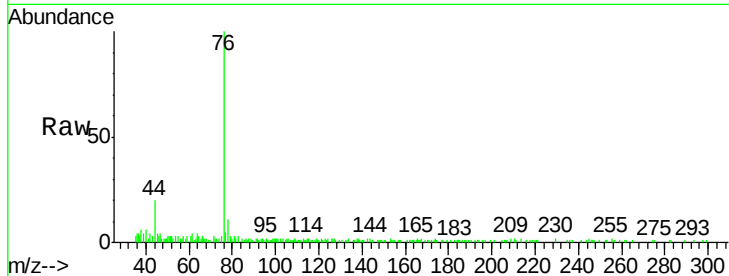




#17
Carbon Disulfide
Concen: 1.424 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

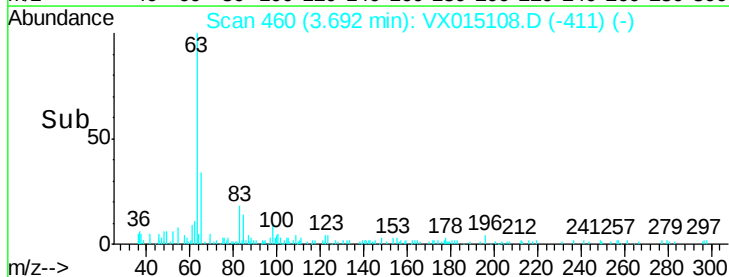
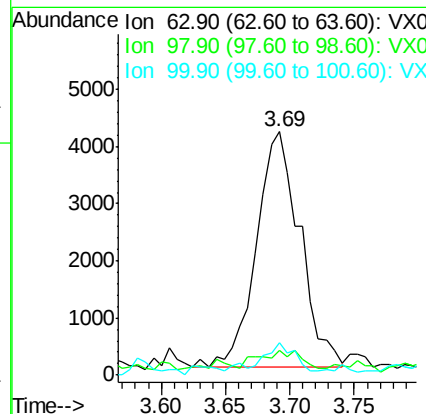
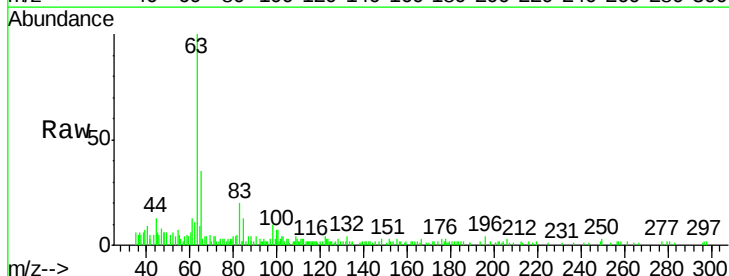
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

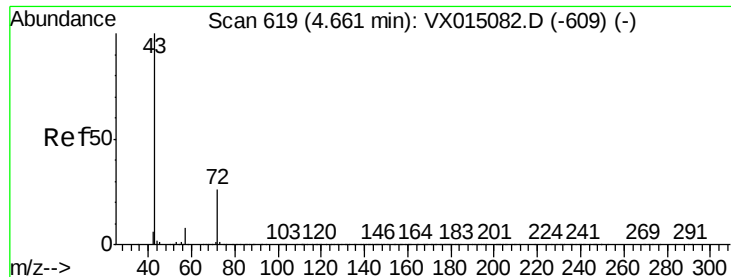
Tot Ion: 76 Resp: 14373
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#24
1,1-Dichloroethane
Concen: 1.379 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 63 Resp: 9661
Ion Ratio Lower Upper
63 100
98 6.5 3.7 11.1
100 10.2 2.1 6.5#





#25

2-Butanone

Concen: 2.848 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

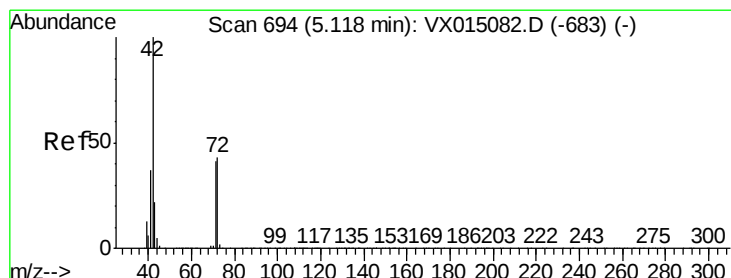
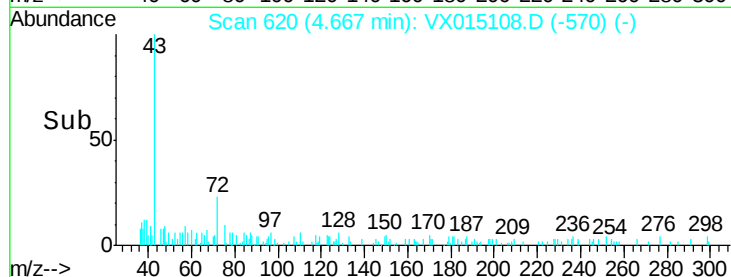
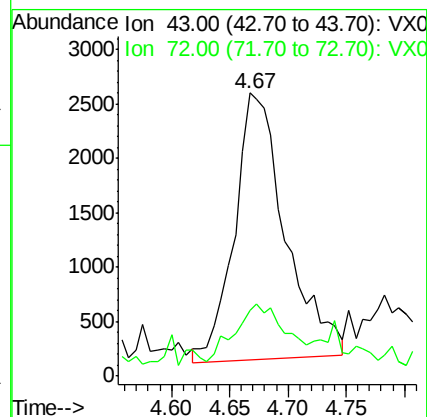
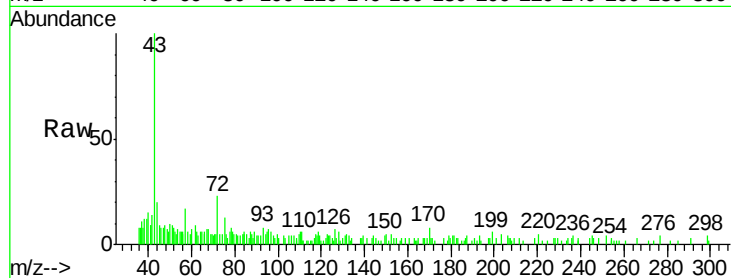
WASTE-TANK -030420

Tot Ion: 43 Resp: 7493

Ion Ratio Lower Upper

43 100

72 16.6 20.6 30.8#



#29

Tetrahydrofuran

Concen: 65.138 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

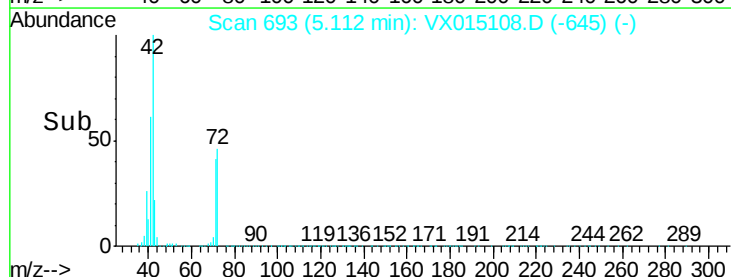
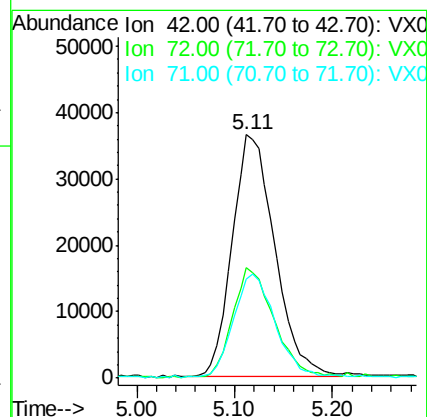
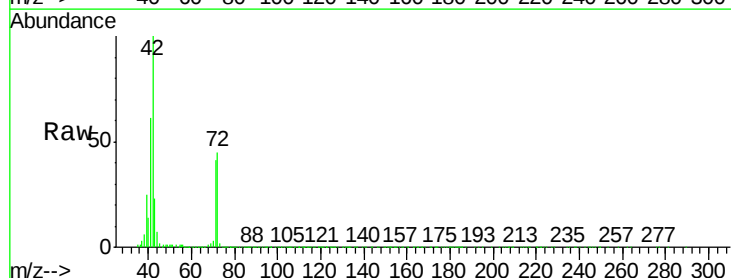
Tgt Ion: 42 Resp: 110466

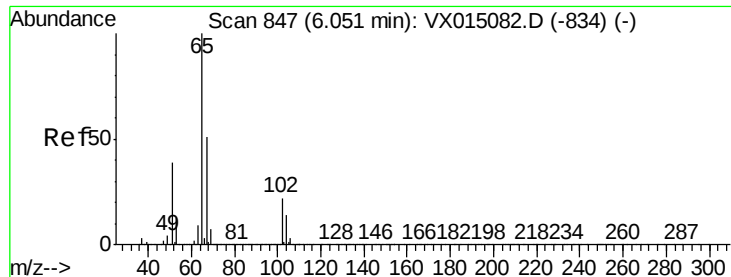
Ion Ratio Lower Upper

42 100

72 43.8 36.4 54.6

71 41.9 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 48.630 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

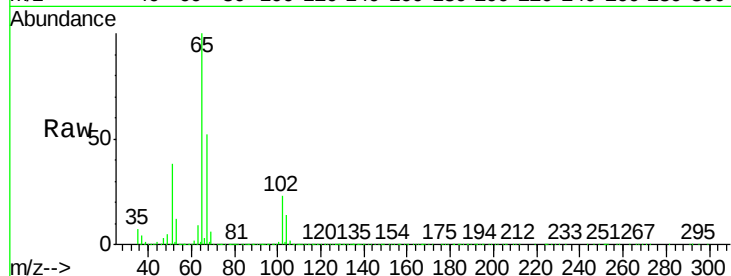
WASTE-TANK -030420

Tot Ion: 65 Resp: 215787

Ion Ratio Lower Upper

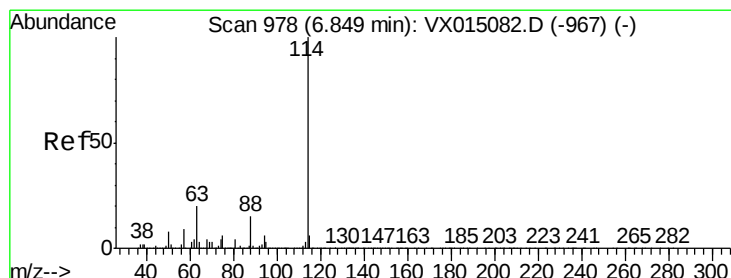
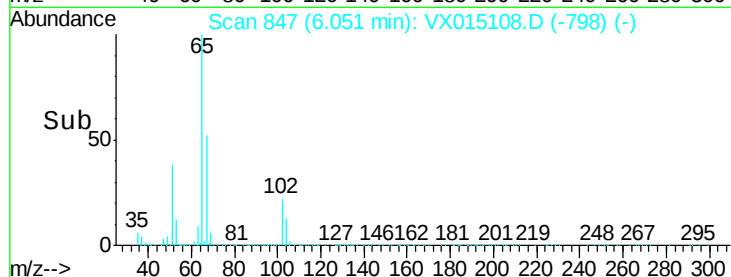
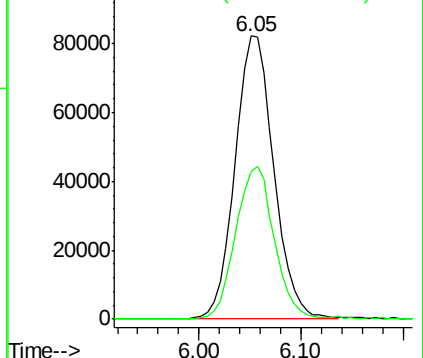
65 100

67 53.3 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: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

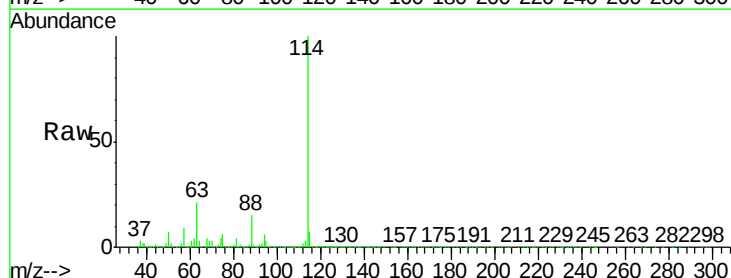
Tgt Ion: 114 Resp: 585794

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

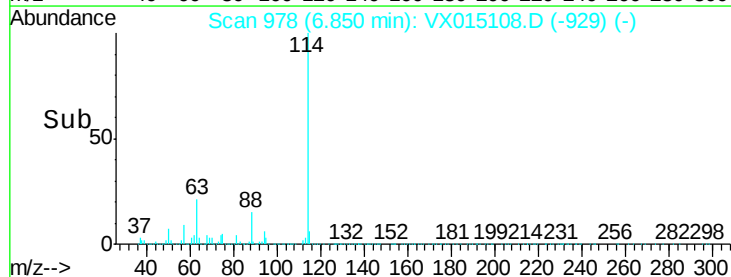
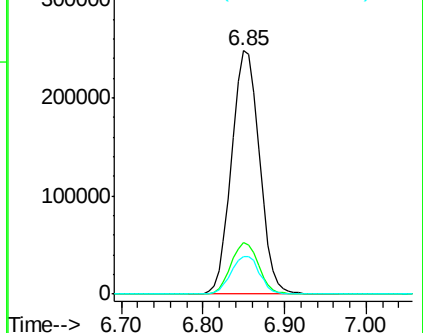
88 15.3 0.0 30.6

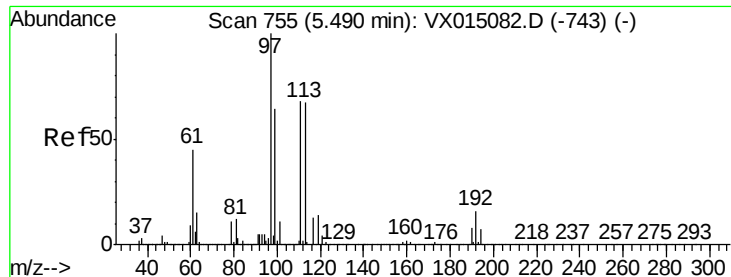


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

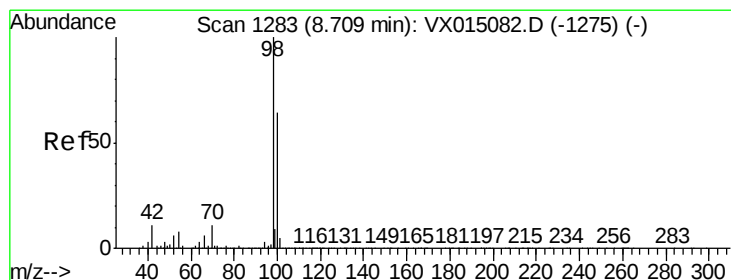
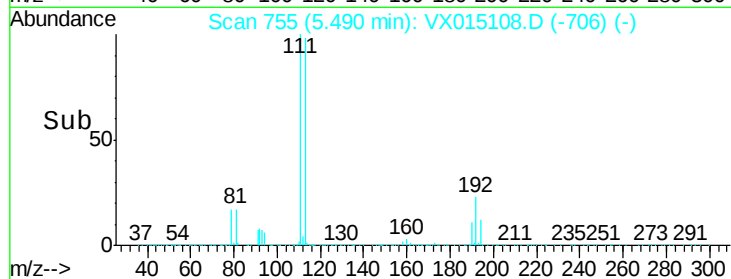
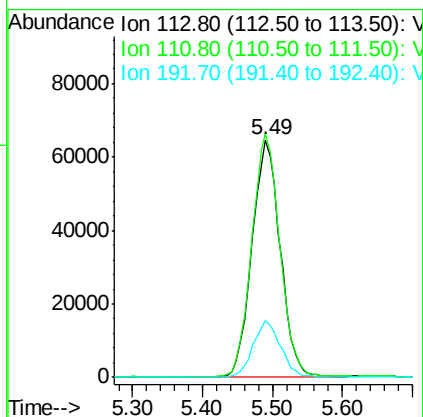
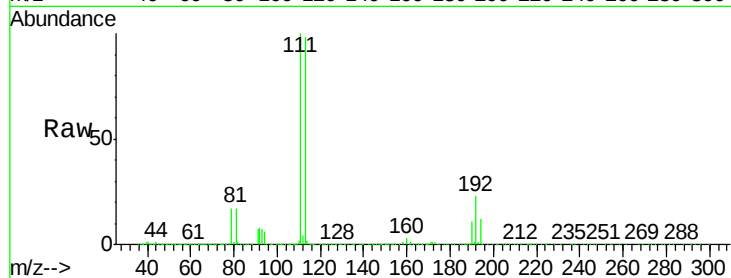




#35
Dibromofluoromethane
Concen: 49.053 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

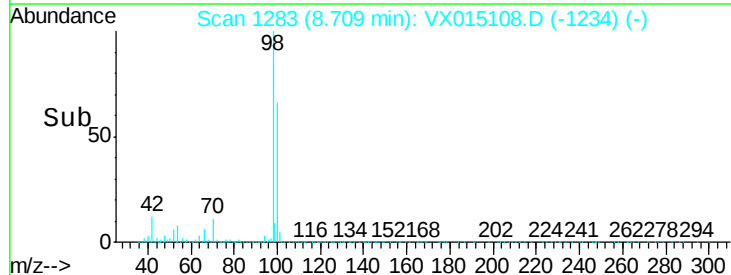
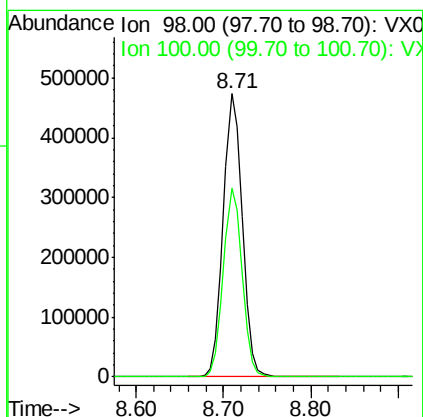
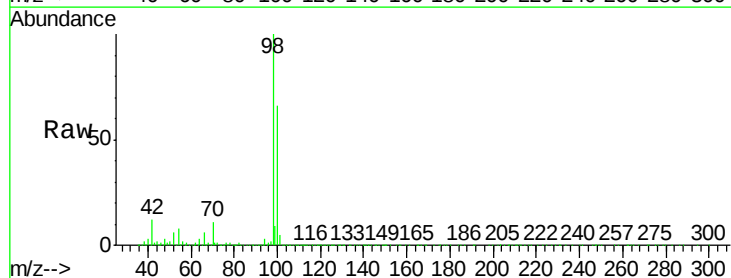
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WASTE-TANK -030420

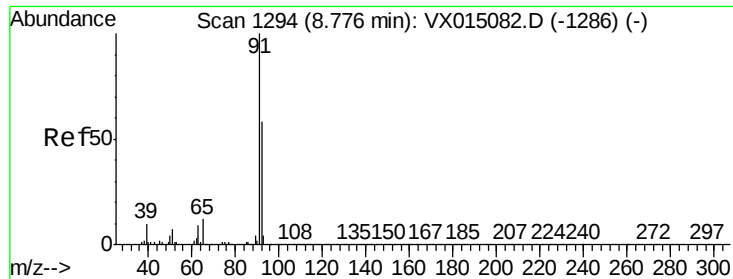
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	23.4	18.6	28.0



#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#52

Toluene

Concen: 2.794 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

Instrument :

MSVOA_X

ClientSampleId :

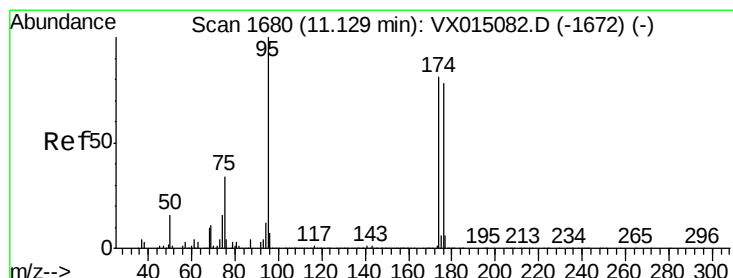
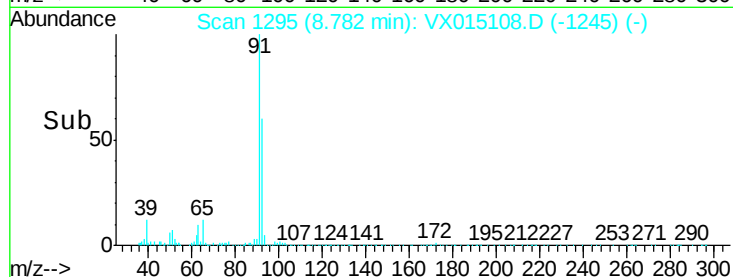
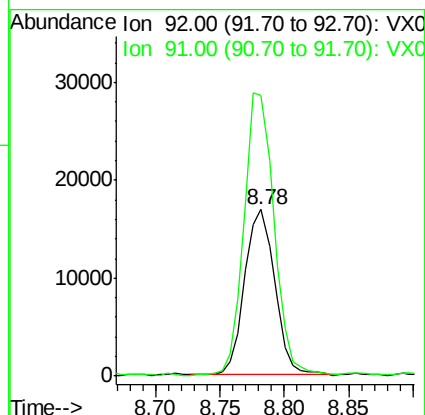
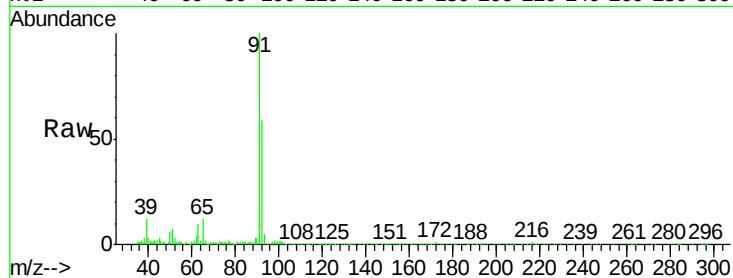
WASTE-TANK -030420

Tot Ion: 92 Resp: 27448

Ion Ratio Lower Upper

92 100

91 171.8 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 51.970 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015108.D

Acq: 05 Mar 2020 13:48

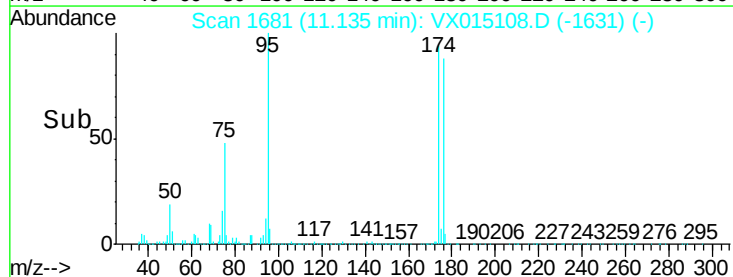
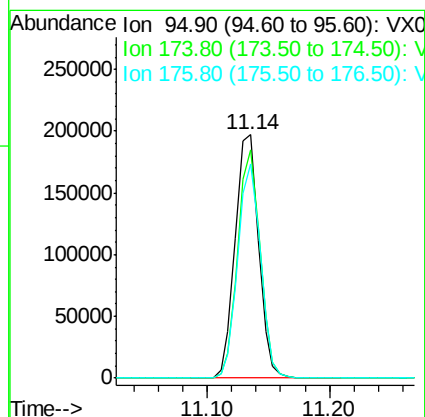
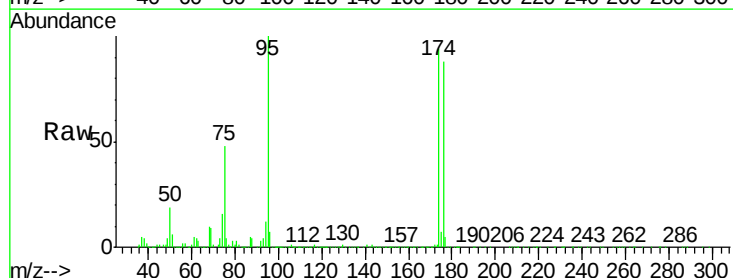
Tgt Ion: 95 Resp: 260585

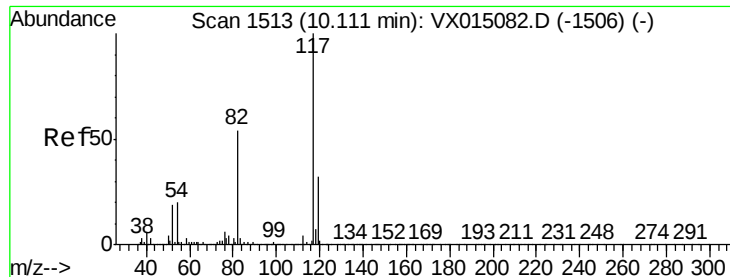
Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.6

176 85.8 0.0 170.2

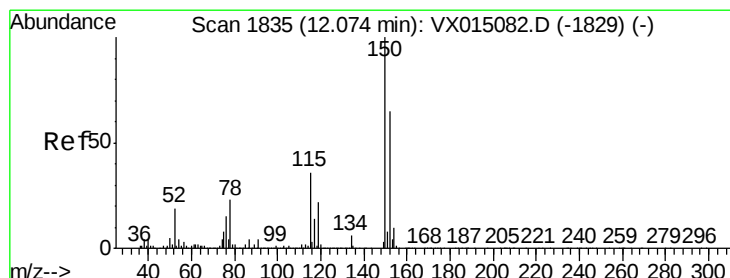
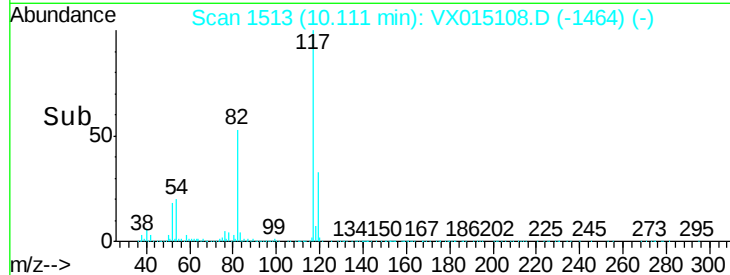
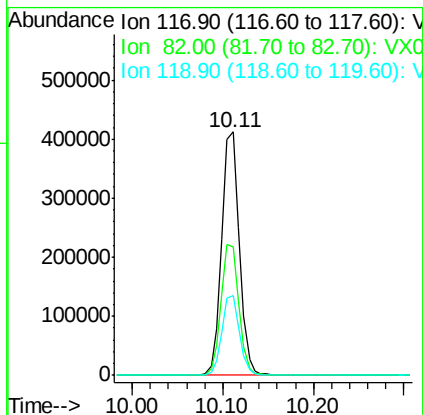
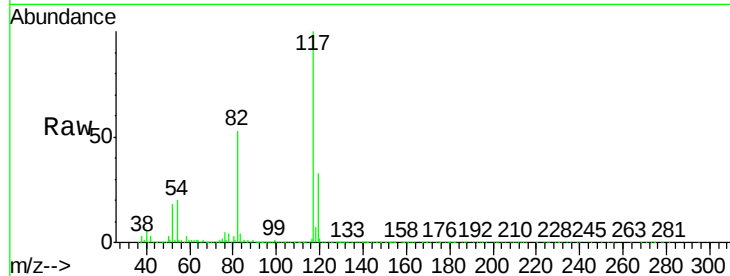




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
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WASTE-TANK -030420

Tot Ion:117 Resp: 561091
Ion Ratio Lower Upper
117 100
82 52.8 43.3 64.9
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion:152 Resp: 291859
Ion Ratio Lower Upper
152 100
115 54.6 38.2 114.6
150 154.8 0.0 343.8

