

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013500.D
 Acq On : 21 Nov 2019 14:03
 Operator : JC/SP
 Sample : K5967-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-DRUM

Quant Time: Nov 22 08:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	660336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1064994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	950359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442758	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	373477	47.74	ug/l	0.01
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	269128	40.29	ug/l	0.02
Spiked Amount			Recovery	=	80.58%	
50) Toluene-d8	8.71	98	1280773	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.14	95	427577	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	

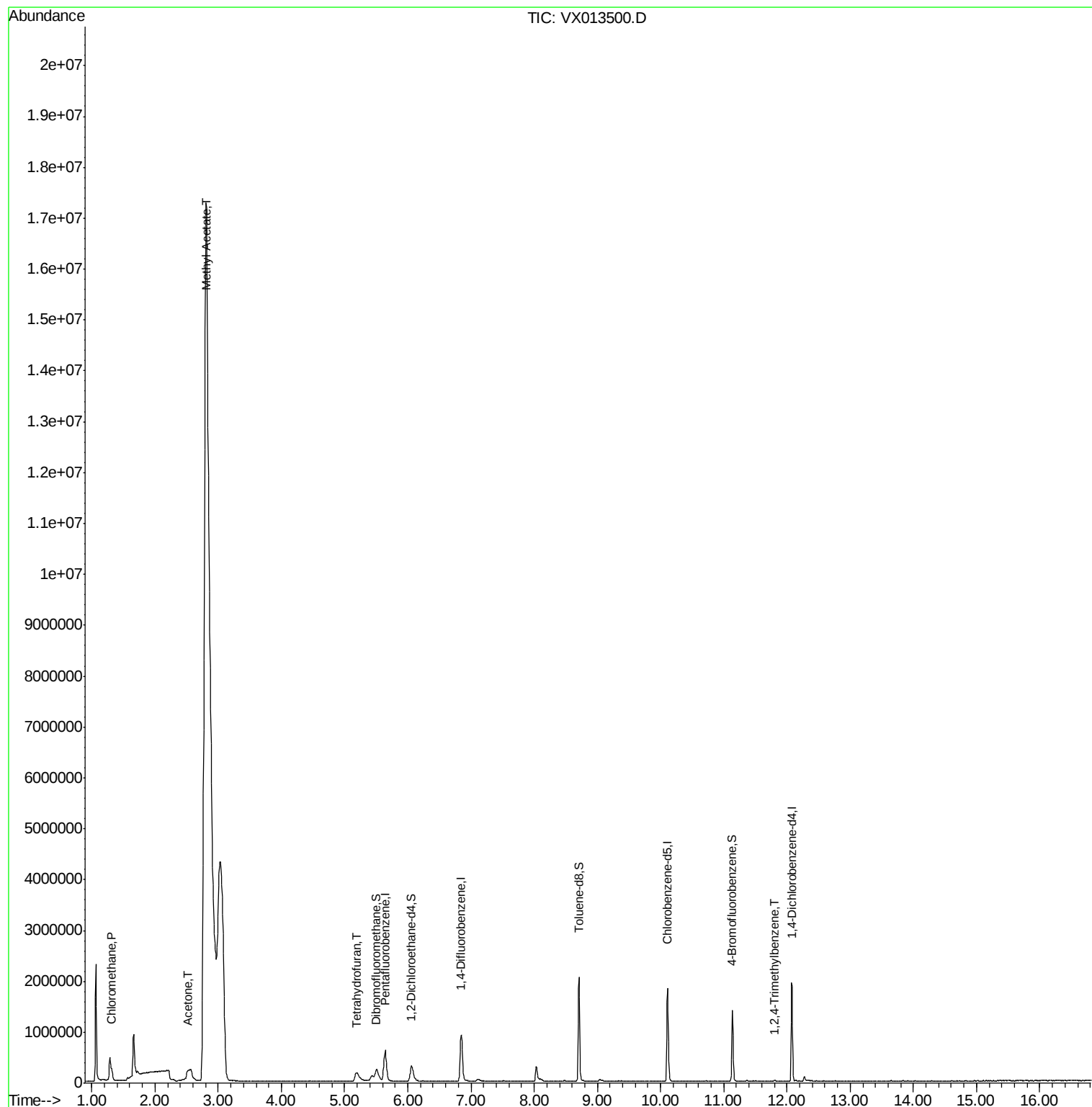
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	93945	11.386	ug/l	99
16) Acetone	2.52	43	687387	176.162	ug/l	99
18) Methyl Acetate	2.81	43	19014542	1765.080	ug/l	99
29) Tetrahydrofuran	5.19	42	248419	70.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	11754	0.479	ug/l	89

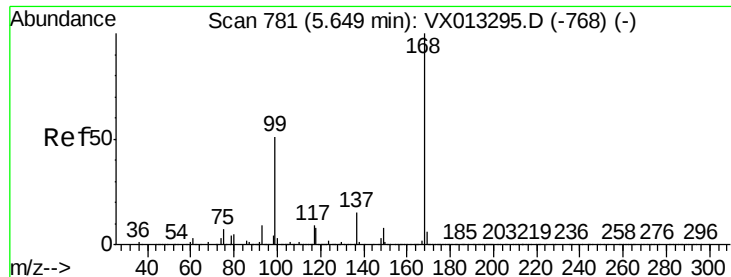
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

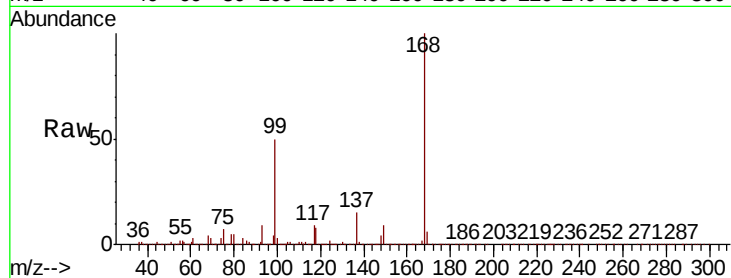
WASTE-DRUM

Tot Ion:168 Resp: 660336

Ion Ratio Lower Upper

168 100

99 49.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

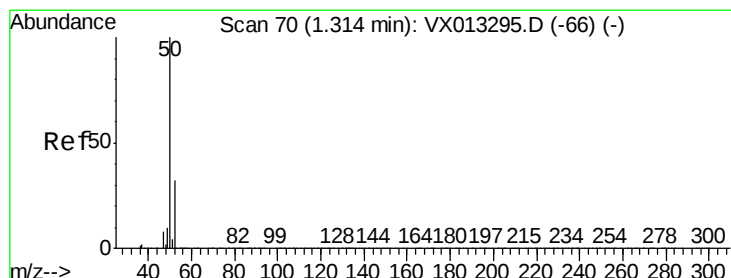
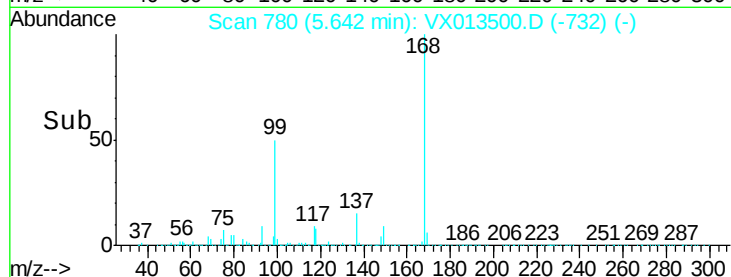
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 11.386 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013500.D

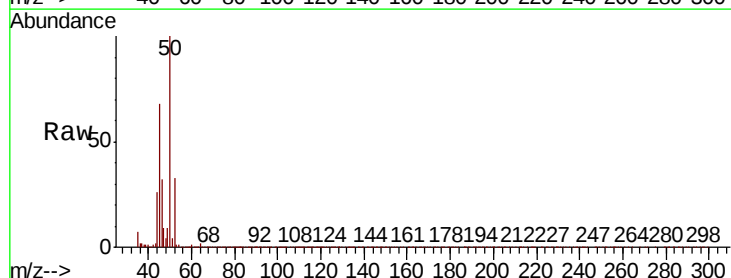
Acq: 21 Nov 2019 14:03

Tgt Ion: 50 Resp: 93945

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

60000

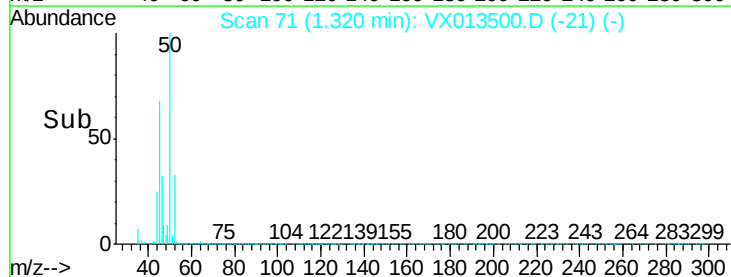
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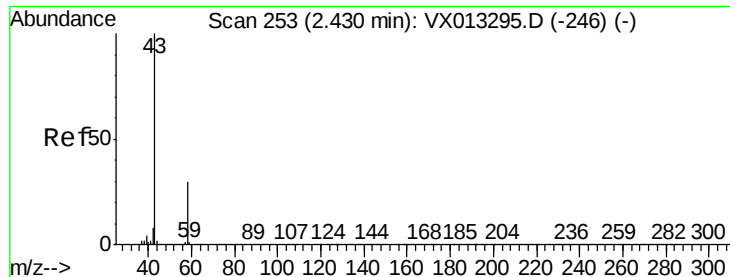
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0

Time-->

1.25 1.30 1.35 1.40

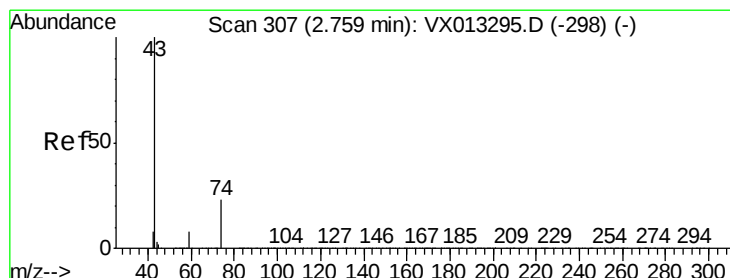
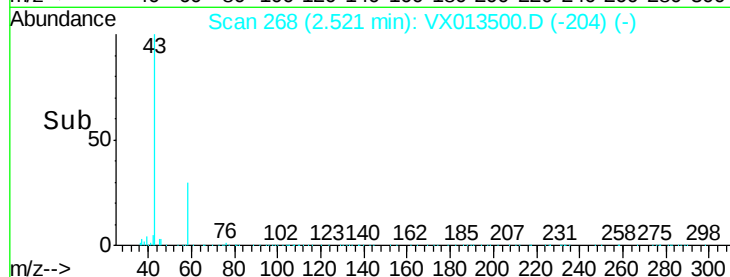
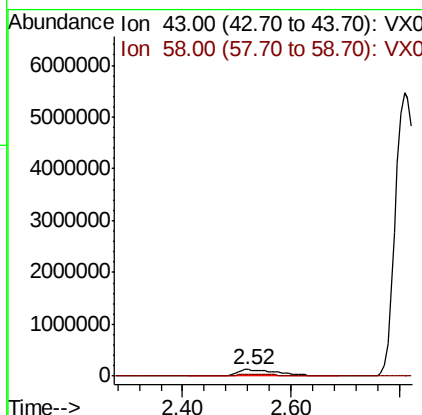
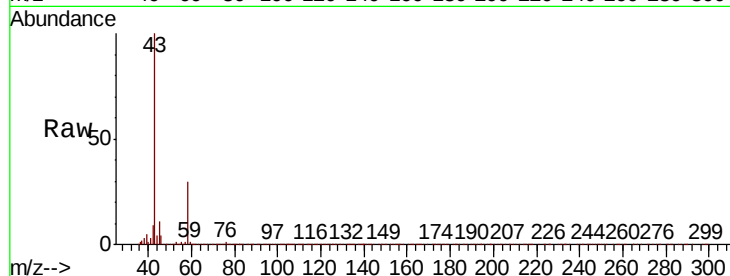




#16
Acetone
Concen: 176.162 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.09 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

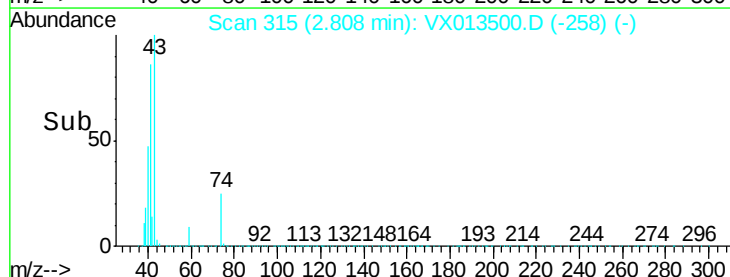
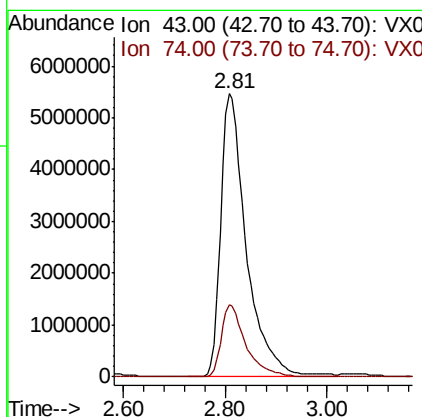
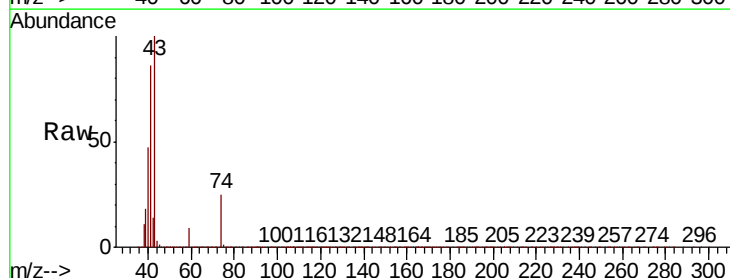
Instrument :
MSVOA_X
ClientSampleId :
WASTE-DRUM

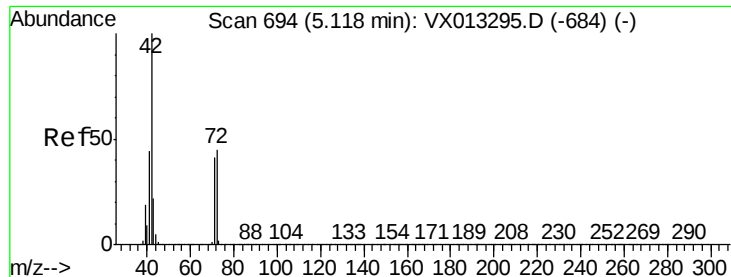
Tot Ion: 43 Resp: 687387
Ion Ratio Lower Upper
43 100
58 29.8 24.3 36.5



#18
Methyl Acetate
Concen: 1765.080 ug/l
RT: 2.81 min Scan# 315
Delta R.T. 0.05 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

Tgt Ion: 43 Resp: 19014542
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6

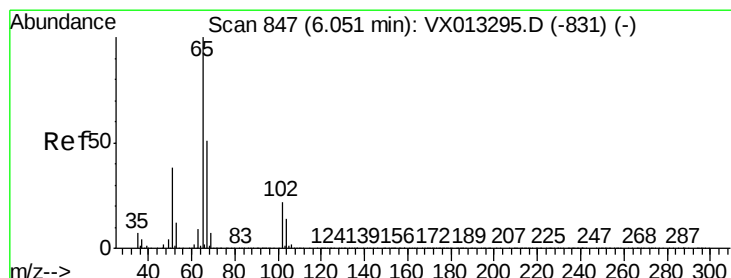
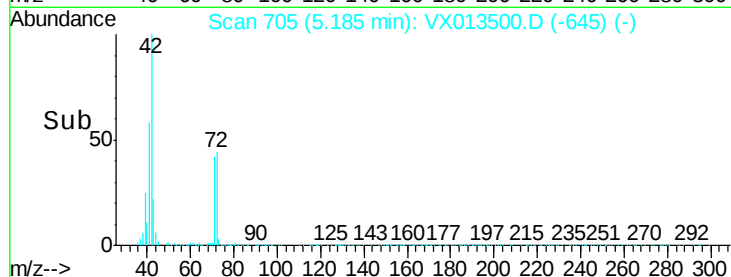
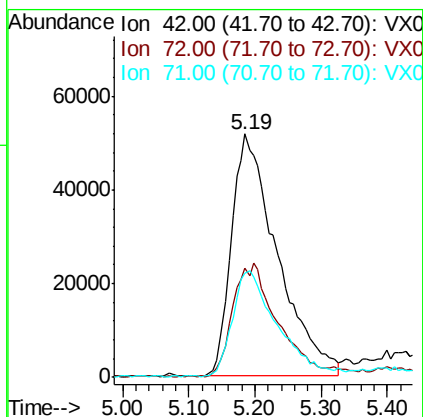
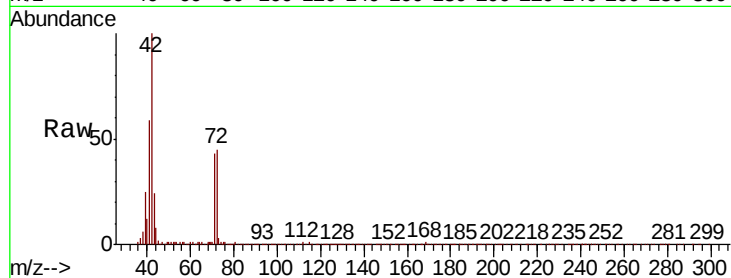




#29
Tetrahydrofuran
Concen: 70.422 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.07 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

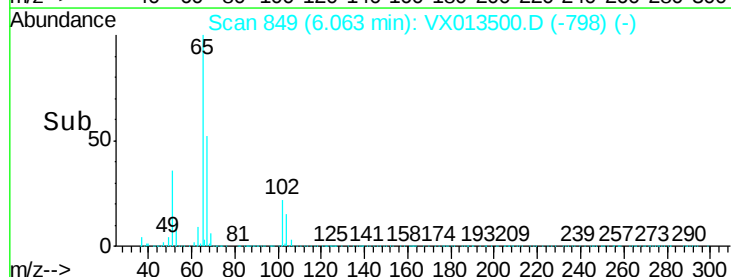
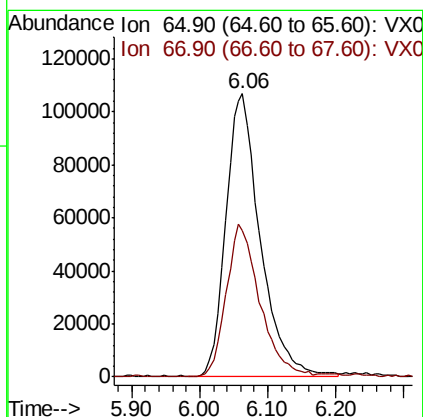
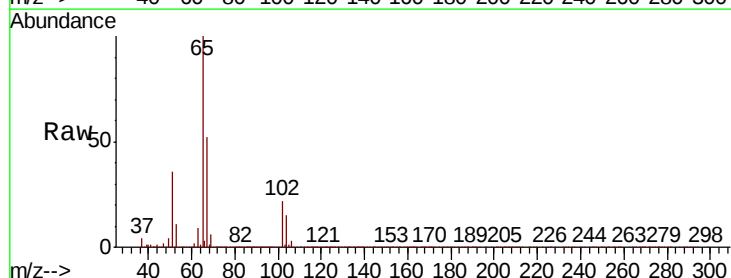
Instrument :
MSVOA_X
ClientSampleId :
WASTE-DRUM

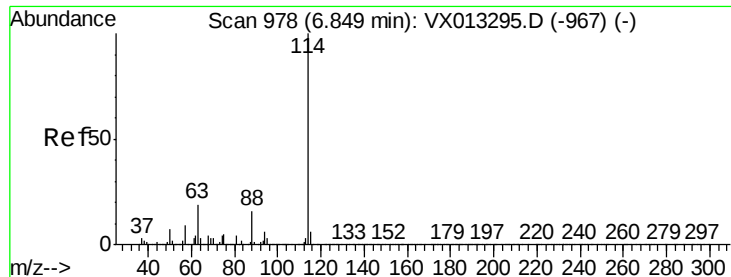
Tot Ion: 42 Resp: 248419
Ion Ratio Lower Upper
42 100
72 47.5 35.8 53.8
71 42.4 33.4 50.0



#33
1,2-Dichloroethane-d4
Concen: 47.741 ug/l
RT: 6.06 min Scan# 849
Delta R.T. 0.01 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

Tgt Ion: 65 Resp: 373477
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

WASTE-DRUM

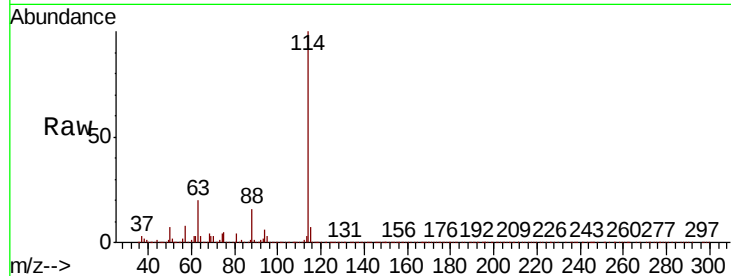
Tot Ion:114 Resp: 1064994

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

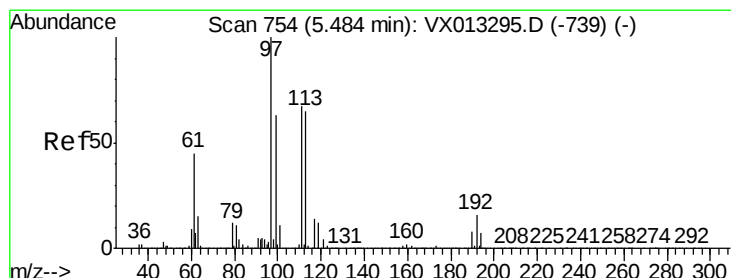
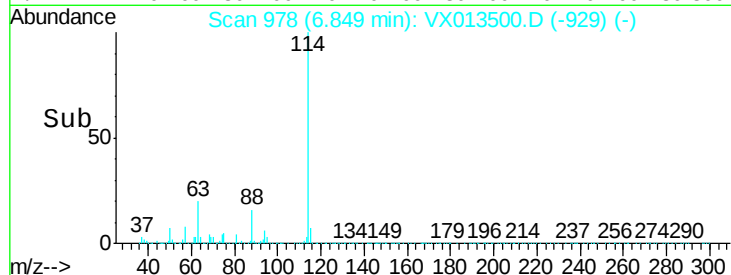
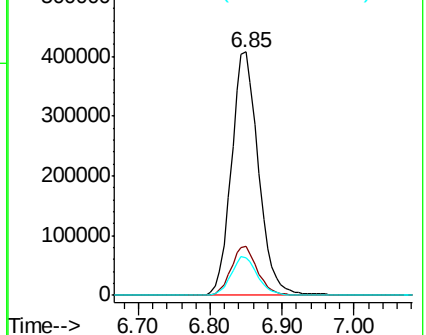
88 15.7 0.0 32.2



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: 40.290 ug/l

RT: 5.51 min Scan# 758

Delta R.T. 0.02 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

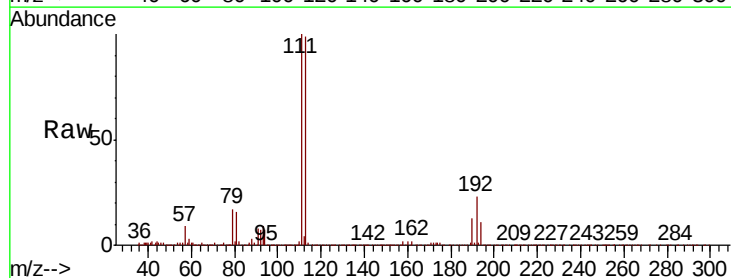
Tgt Ion:113 Resp: 269128

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

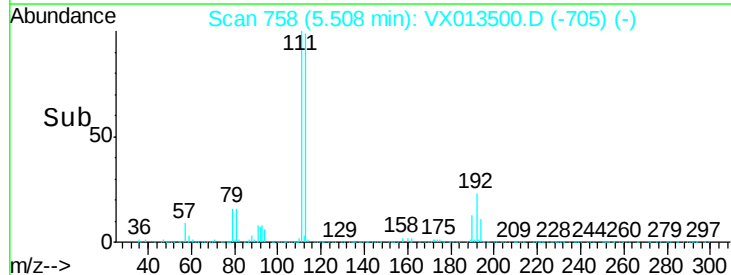
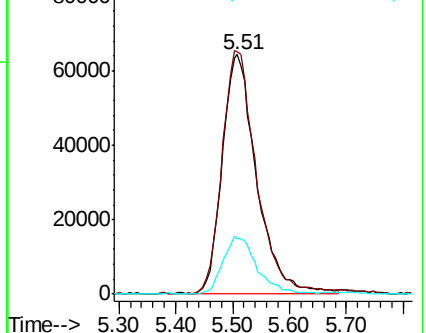
192 23.7 19.1 28.7

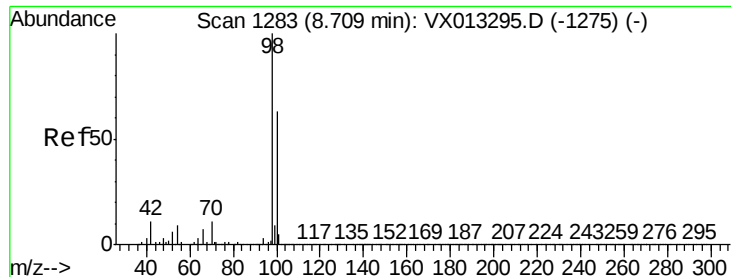


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.861 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

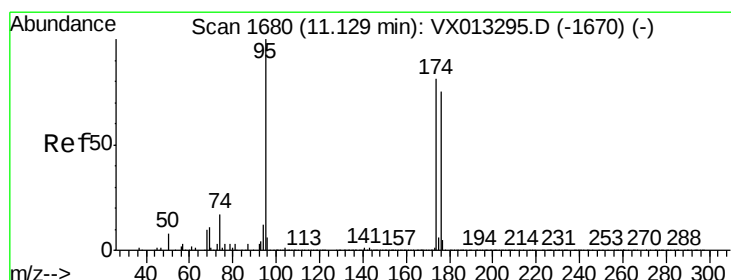
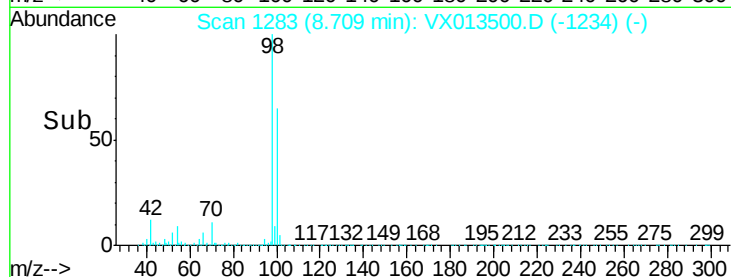
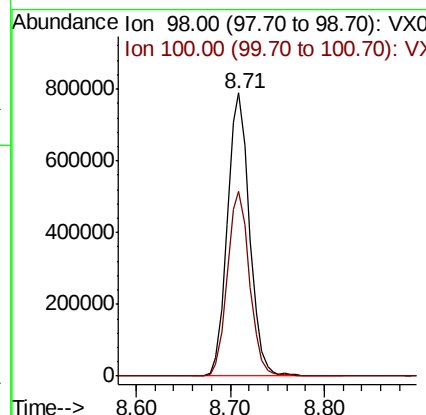
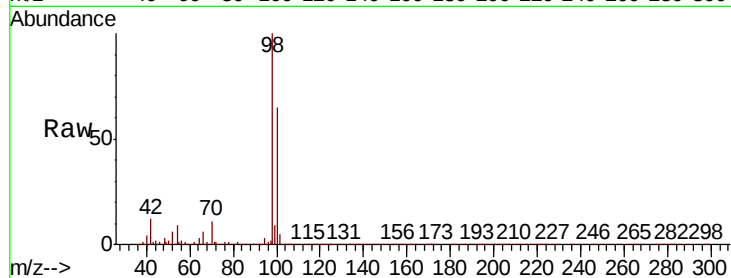
WASTE-DRUM

Tot Ion: 98 Resp: 1280773

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.047 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

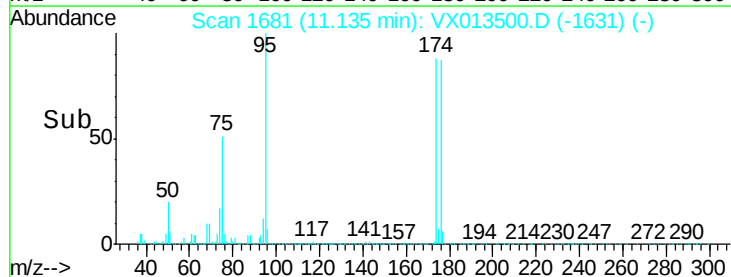
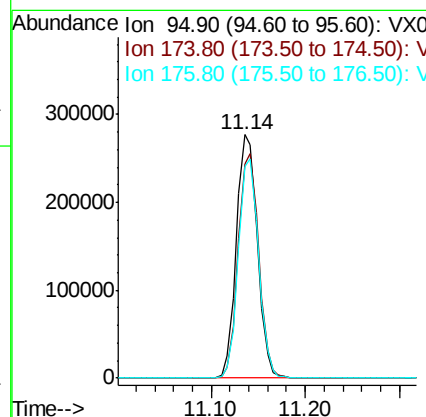
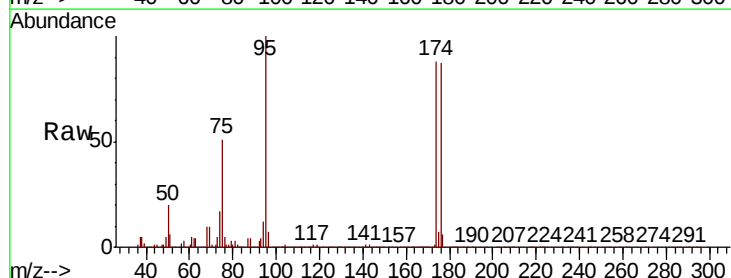
Tgt Ion: 95 Resp: 427577

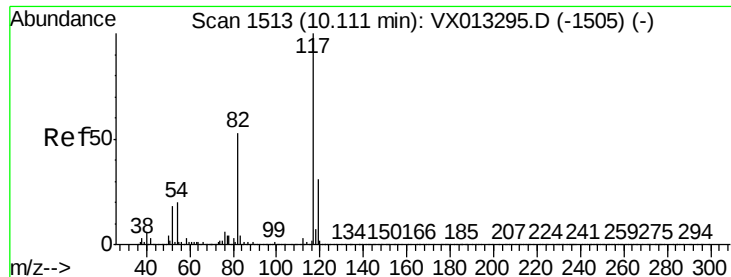
Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.8

176 87.3 0.0 173.0

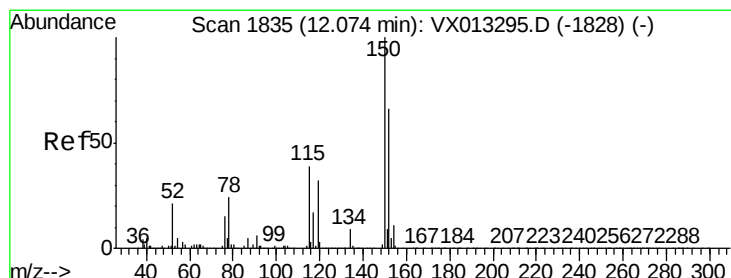
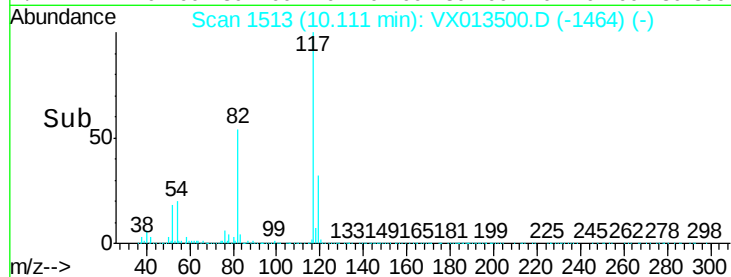
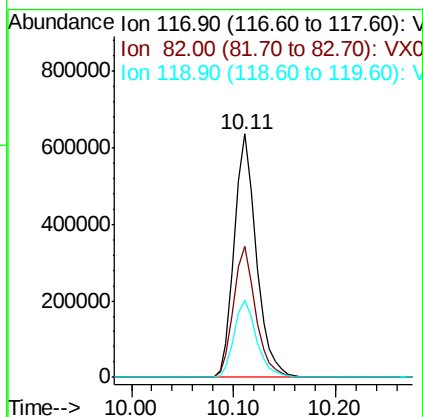
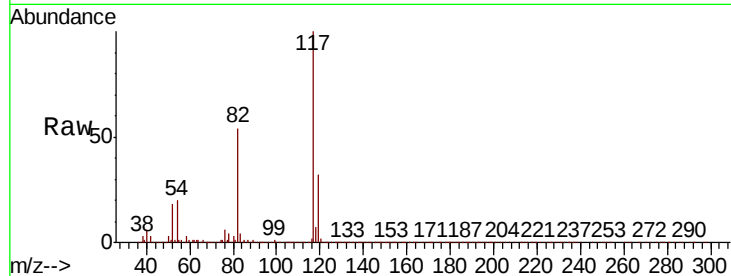




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

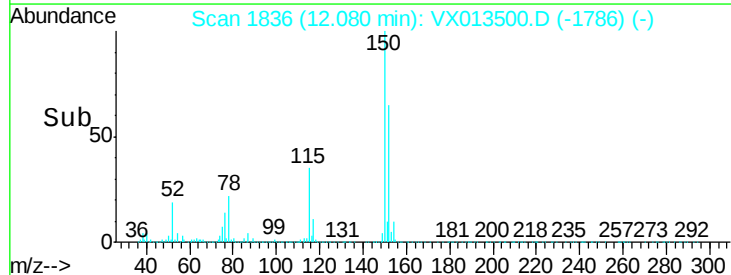
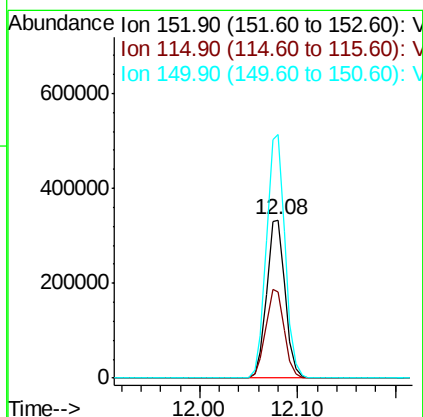
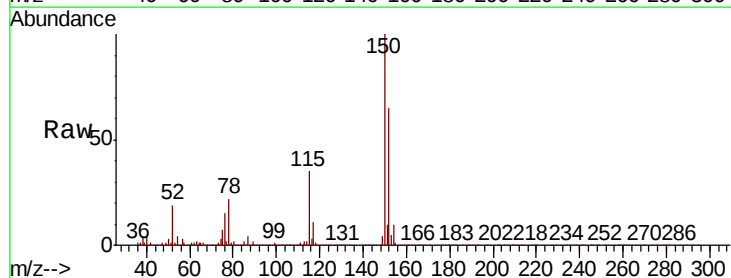
Instrument :
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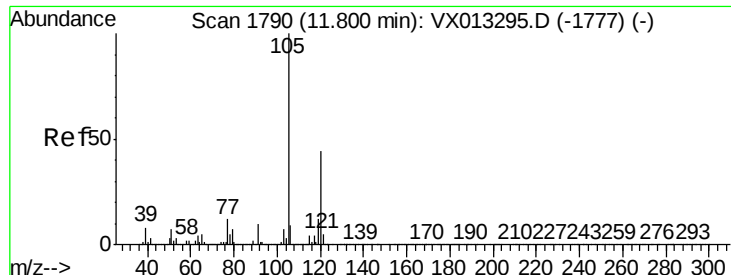
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	64.0
119	31.9	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX013500.D
Acq: 21 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.5	118.3
150	155.5	0.0	344.4





#84

1,2,4-Trimethylbenzene

Concen: 0.479 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013500.D

Acq: 21 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

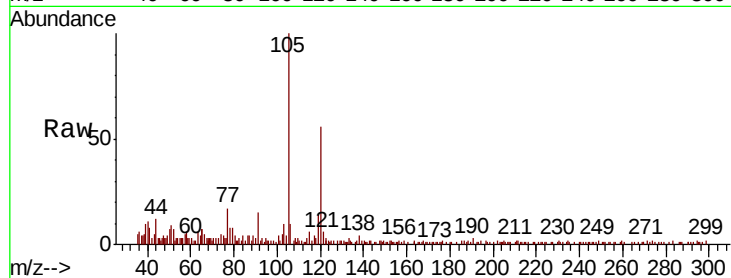
WASTE-DRUM

Tot Ion:105 Resp: 11754

Ion Ratio Lower Upper

105 100

120 52.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

