

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015498.D
 Acq On : 02 Apr 2020 21:24
 Operator : JC/SP
 Sample : L2107-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-MULTI-IDW01

Quant Time: Apr 03 11:22:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

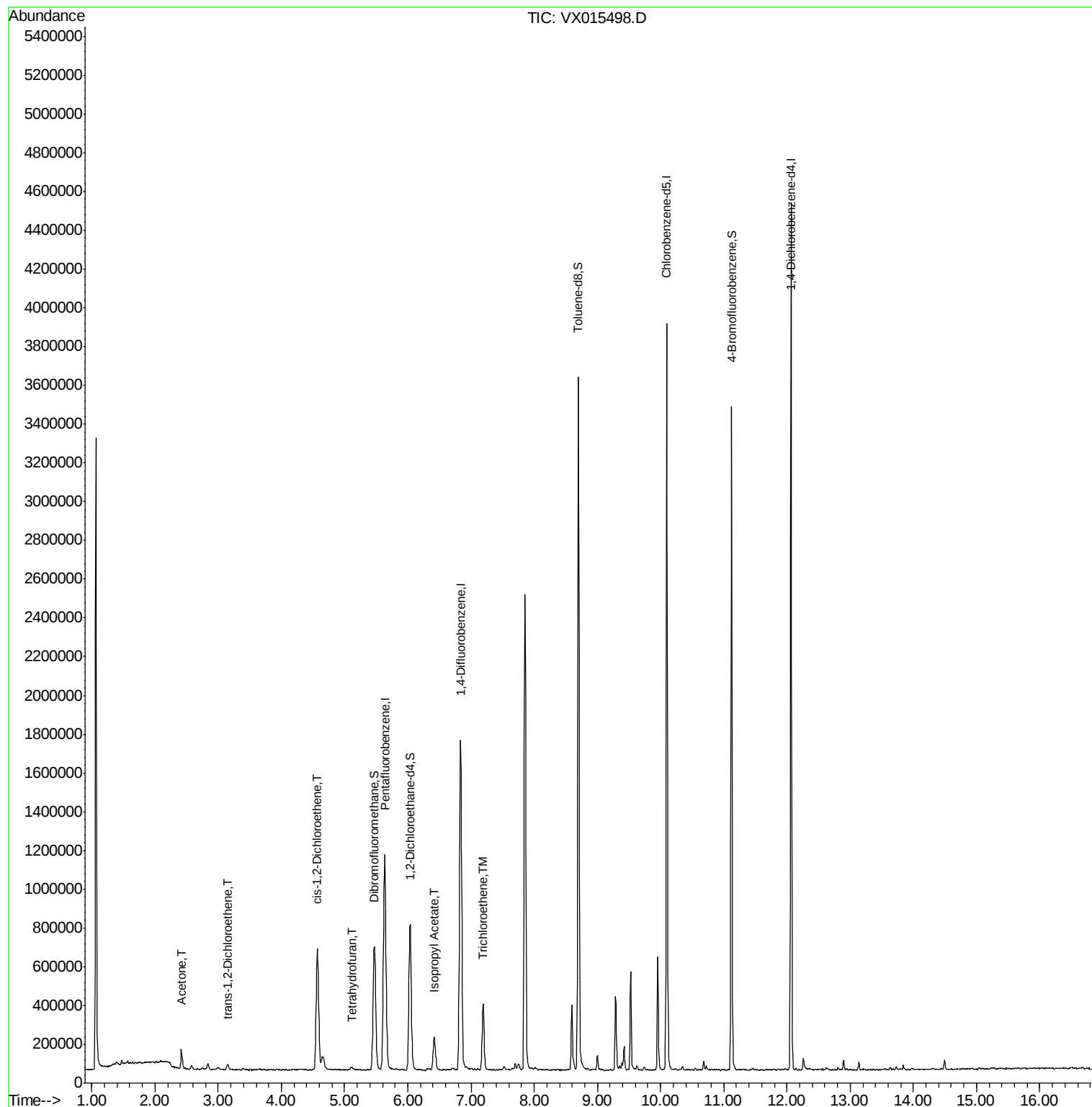
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1090920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1723595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1664126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	891871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	729099	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.47	113	547046	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.70	98	2089864	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.12	95	915619	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
Target Compounds						
16) Acetone	2.42	43	112768	17.059	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	12525	1.096	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	385706	29.166	ug/l	93
29) Tetrahydrofuran	5.11	42	16487	2.412	ug/l	94
43) Isopropyl Acetate	6.42	43	249602	7.151	ug/l	98
44) Trichloroethene	7.19	130	127118	10.019	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

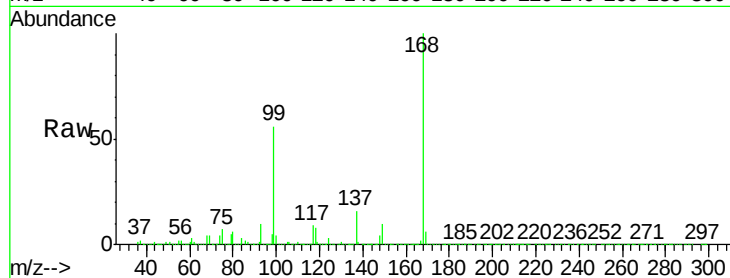
S32-MULTI-IDW01

Tot Ion:168 Resp: 1090920

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

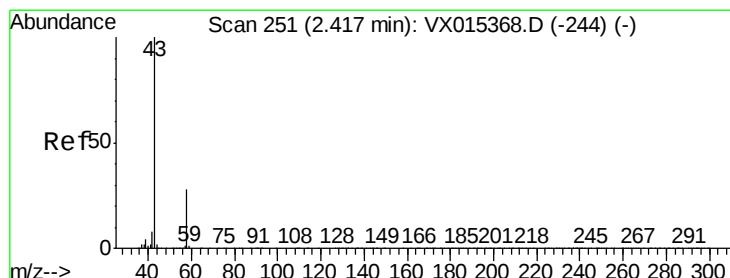
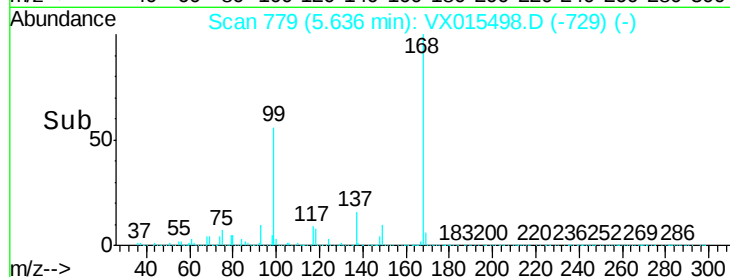
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 17.059 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015498.D

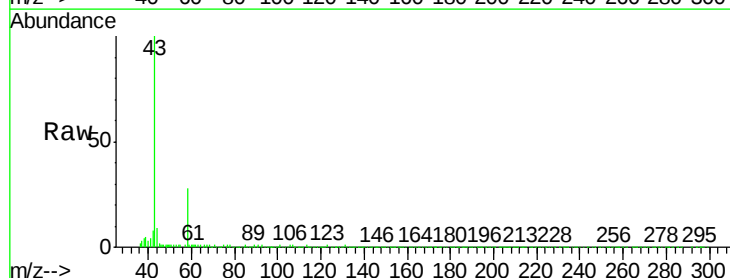
Acq: 02 Apr 2020 21:24

Tgt Ion: 43 Resp: 112768

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

80000

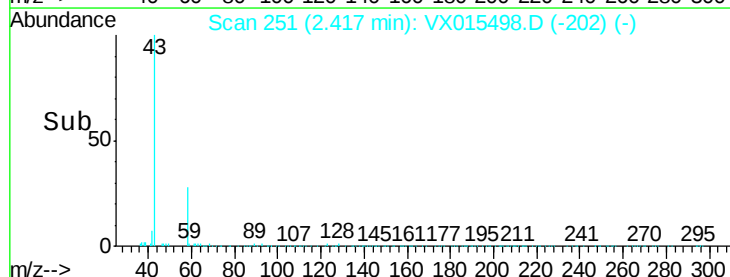
60000

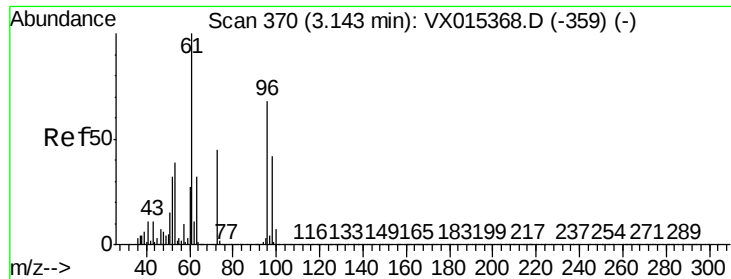
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.096 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

S32-MULTI-IDW01

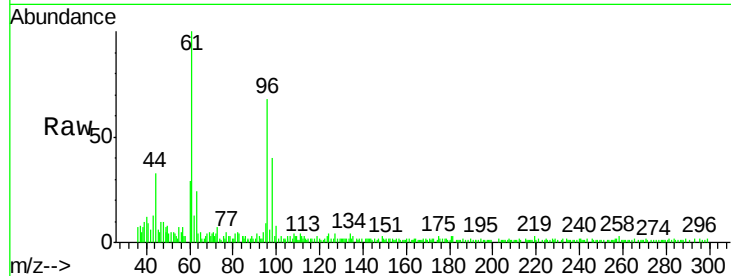
Tot Ion: 96 Resp: 12525

Ion Ratio Lower Upper

96 100

61 147.9 116.9 175.3

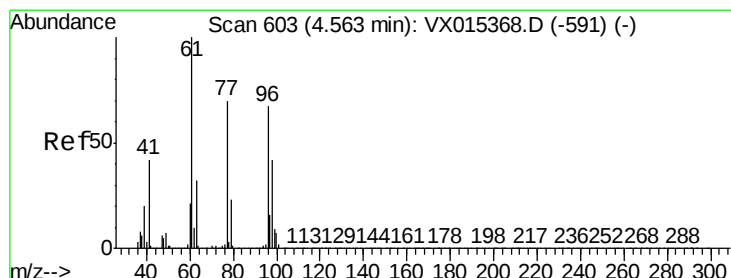
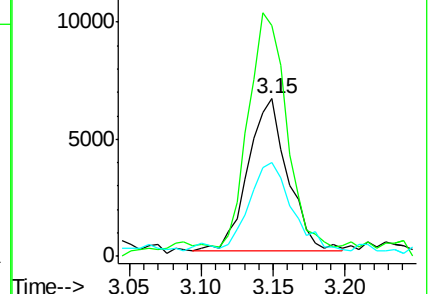
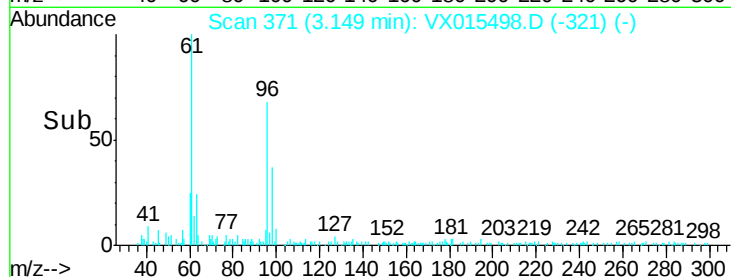
98 58.4 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 29.166 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

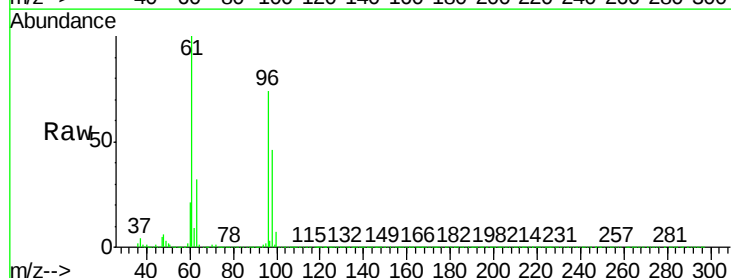
Tgt Ion: 96 Resp: 385706

Ion Ratio Lower Upper

96 100

61 141.4 0.0 308.4

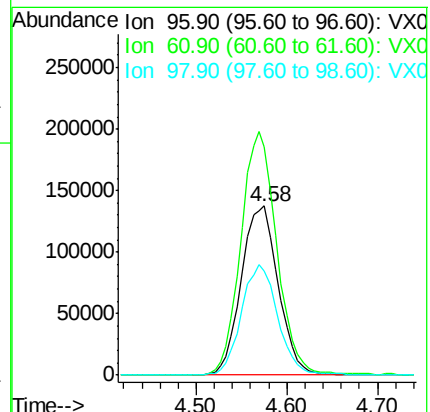
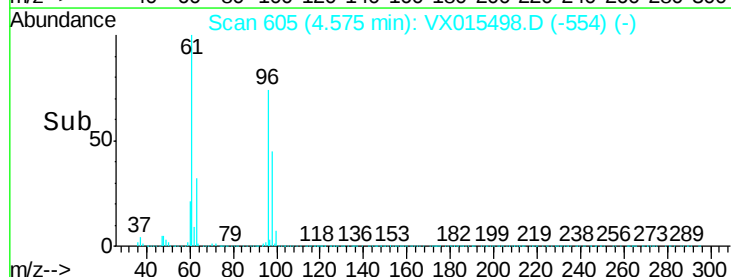
98 64.8 0.0 129.2

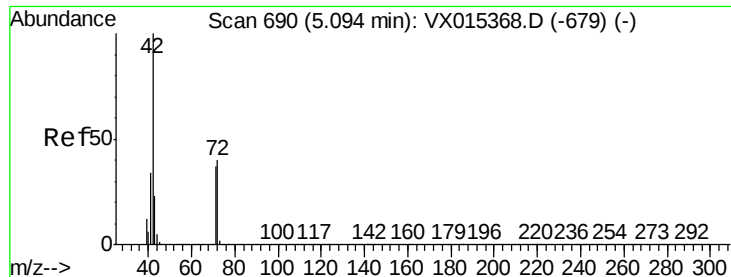


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 2.412 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.02 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

S32-MULTI-IDW01

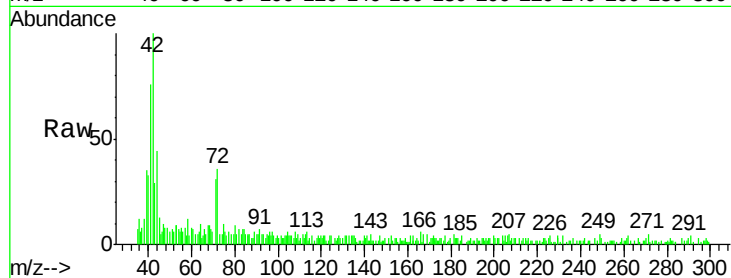
Tot Ion: 42 Resp: 16487

Ion Ratio Lower Upper

42 100

72 45.9 31.7 47.5

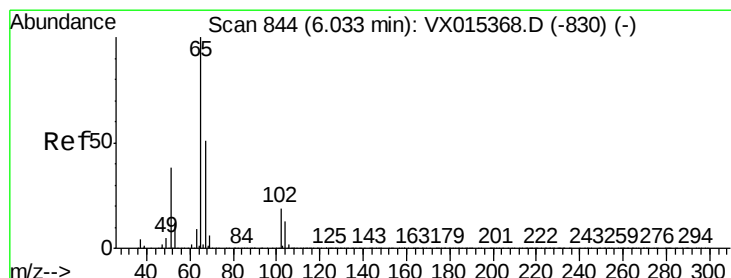
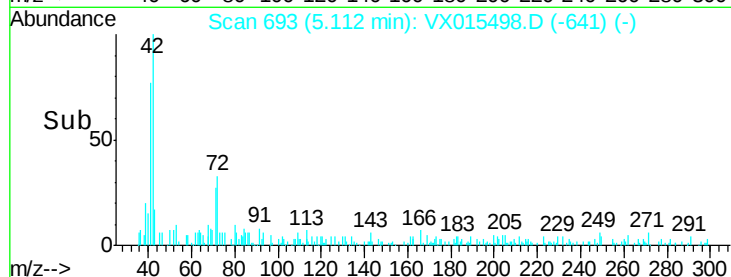
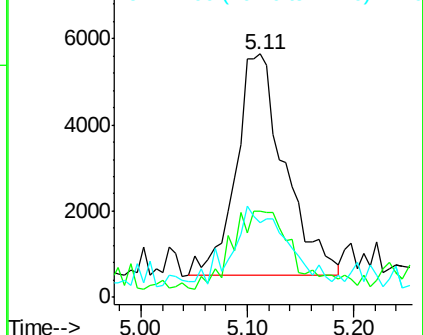
71 37.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.386 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015498.D

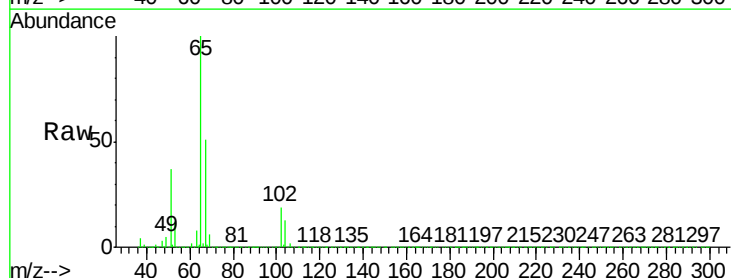
Acq: 02 Apr 2020 21:24

Tgt Ion: 65 Resp: 729099

Ion Ratio Lower Upper

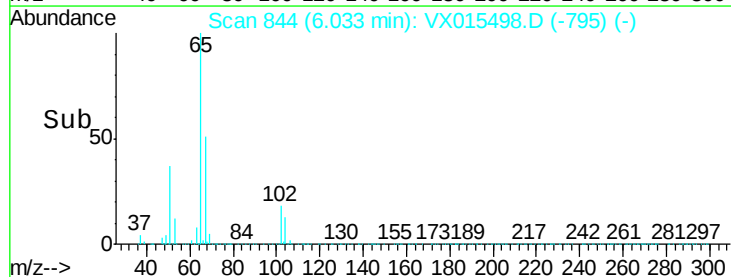
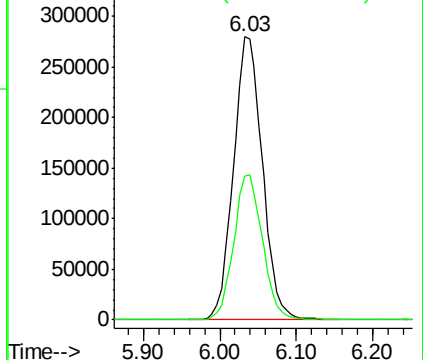
65 100

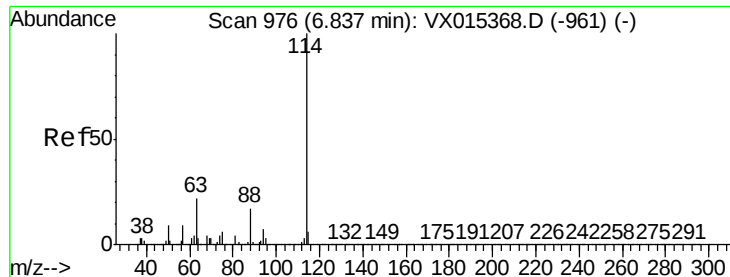
67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

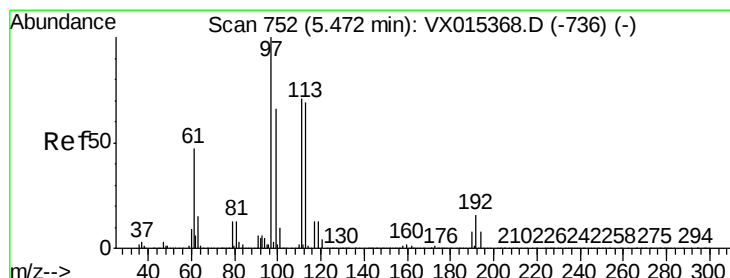
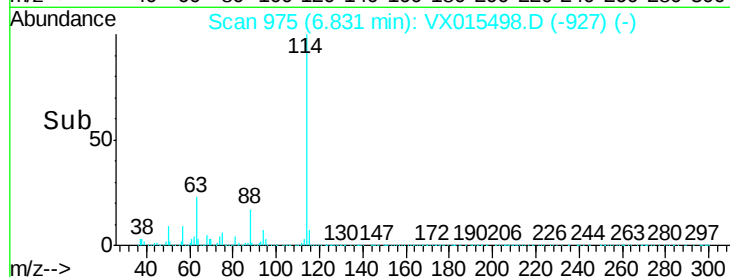
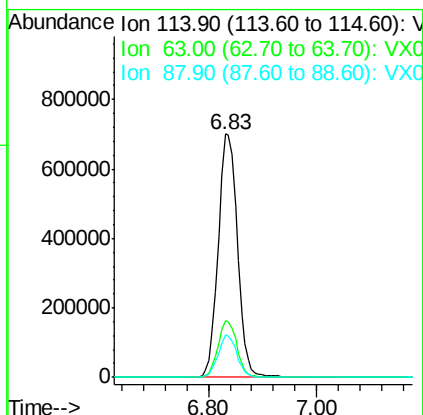
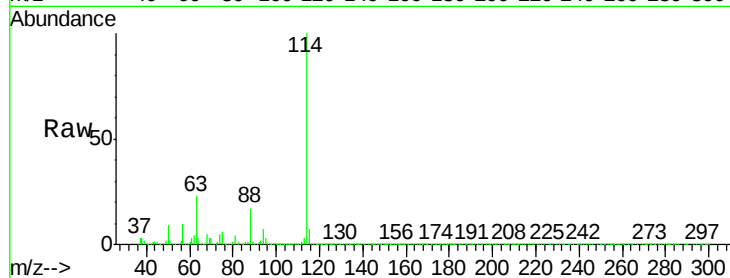




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015498.D
 Acq: 02 Apr 2020 21:24

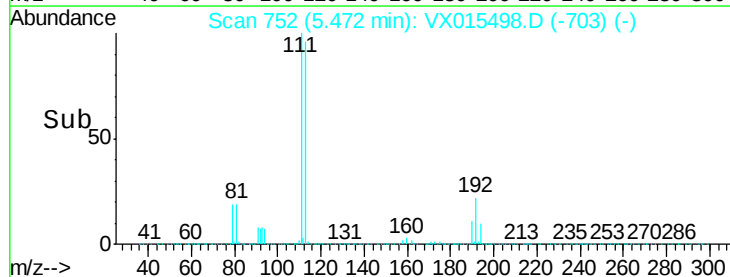
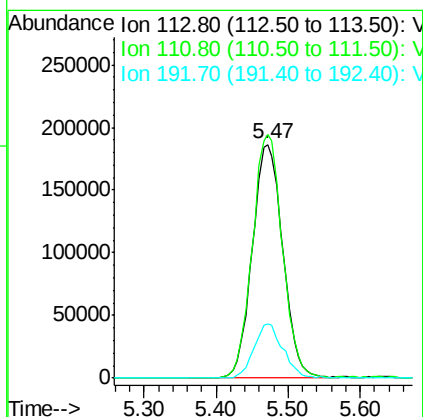
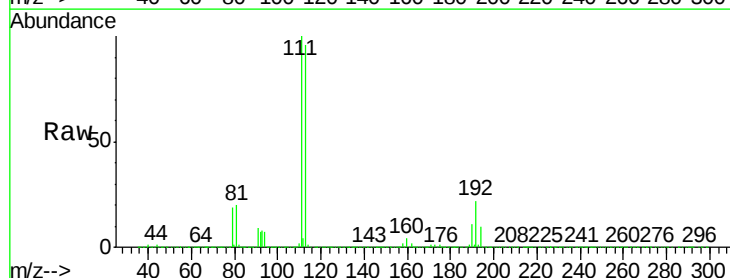
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-MULTI-IDW01

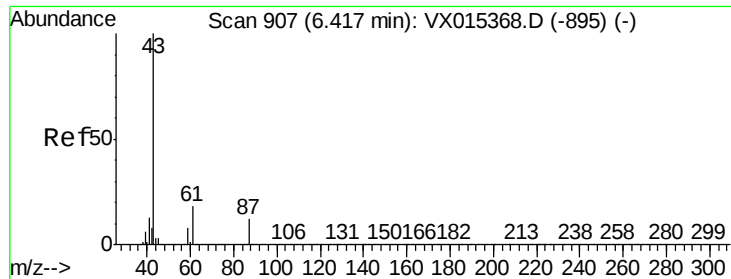
Tot Ion:114 Resp: 1723595
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.2
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.652 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015498.D
 Acq: 02 Apr 2020 21:24

Tgt Ion:113 Resp: 547046
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 22.0 17.8 26.6





#43

Isopropyl Acetate

Concen: 7.151 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

S32-MULTI-IDW01

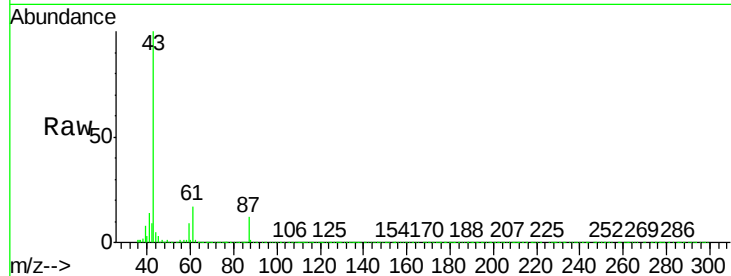
Tot Ion: 43 Resp: 249602

Ion Ratio Lower Upper

43 100

61 17.5 14.8 22.2

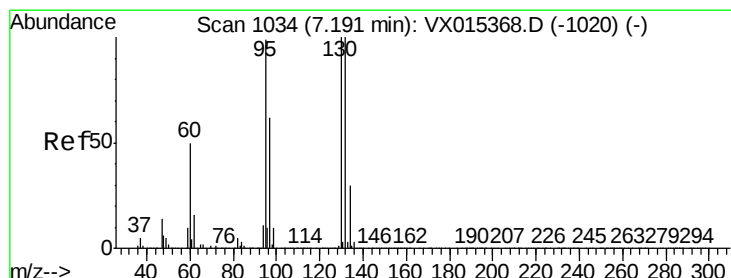
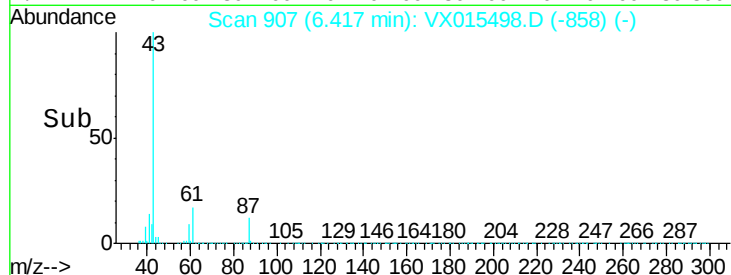
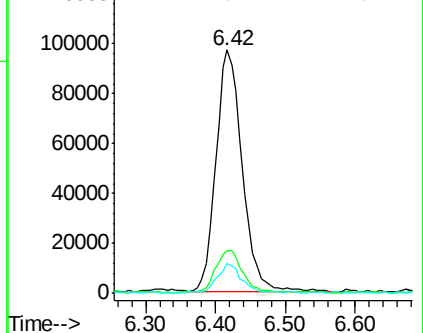
87 11.0 9.4 14.0



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



#44

Trichloroethene

Concen: 10.019 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015498.D

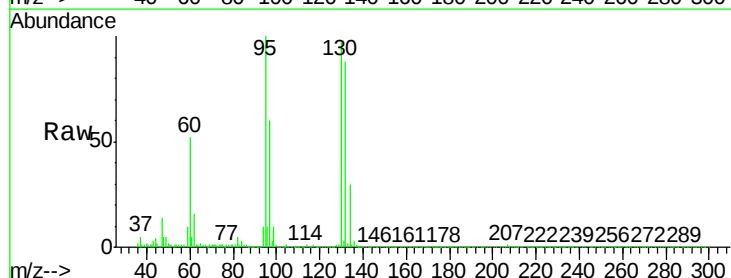
Acq: 02 Apr 2020 21:24

Tgt Ion: 130 Resp: 127118

Ion Ratio Lower Upper

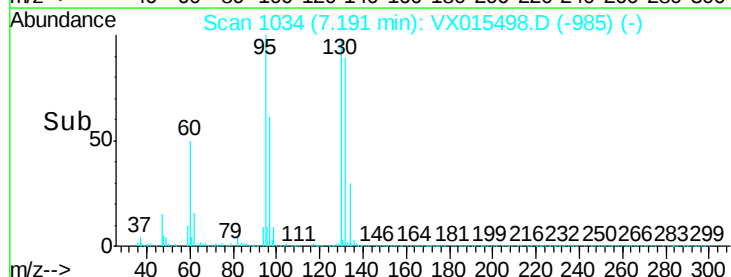
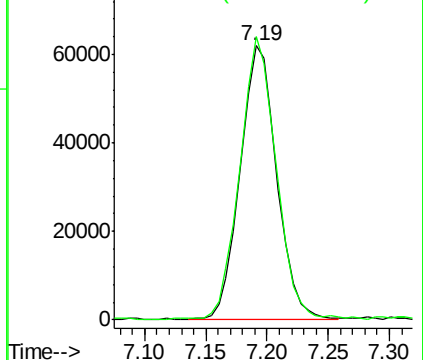
130 100

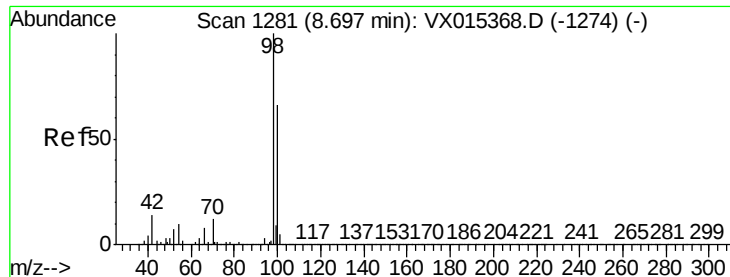
95 103.2 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

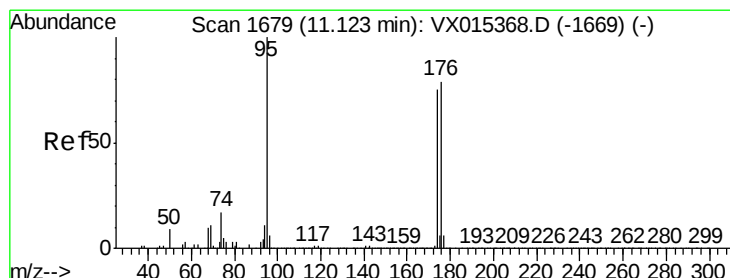
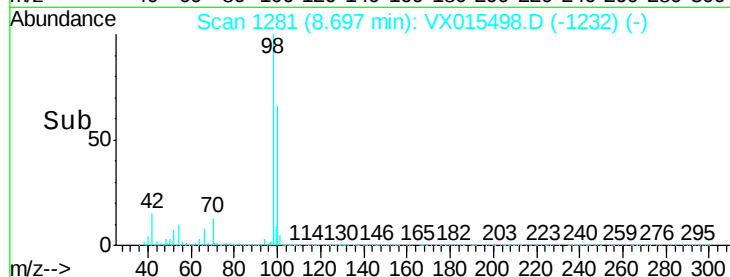
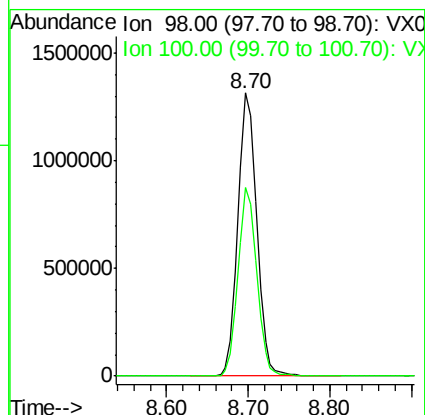
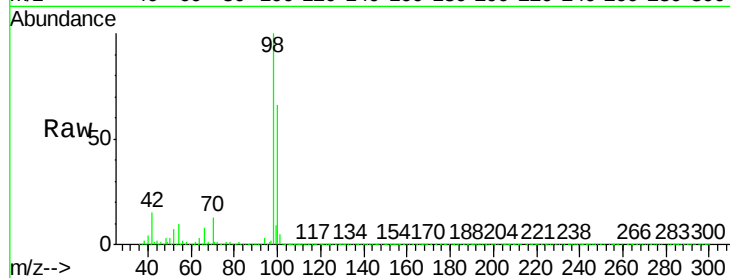
S32-MULTI-IDW01

Tot Ion: 98 Resp: 2089864

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 55.541 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015498.D

Acq: 02 Apr 2020 21:24

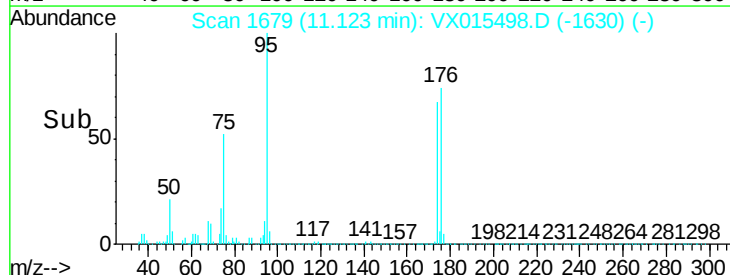
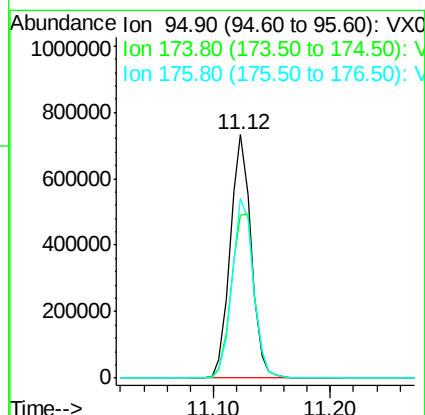
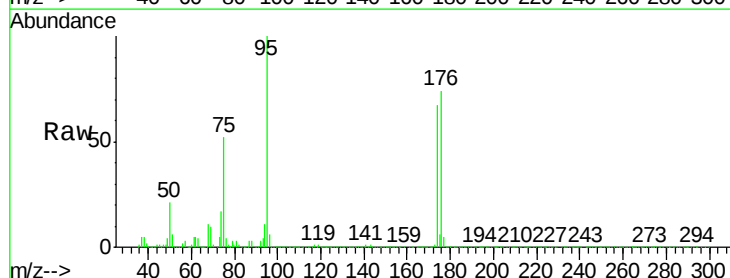
Tgt Ion: 95 Resp: 915619

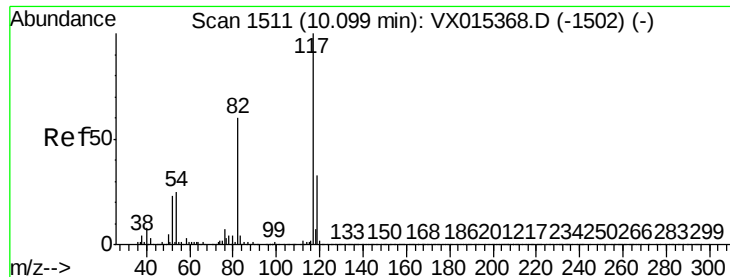
Ion Ratio Lower Upper

95 100

174 75.0 0.0 158.6

176 75.3 0.0 159.0

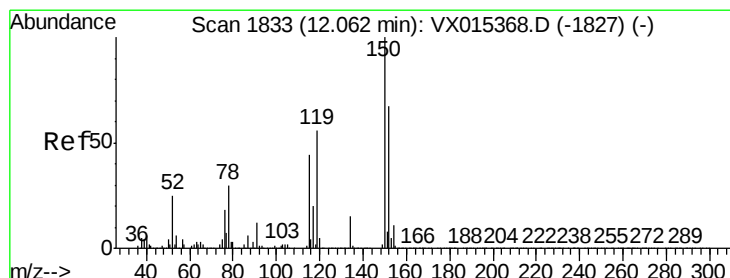
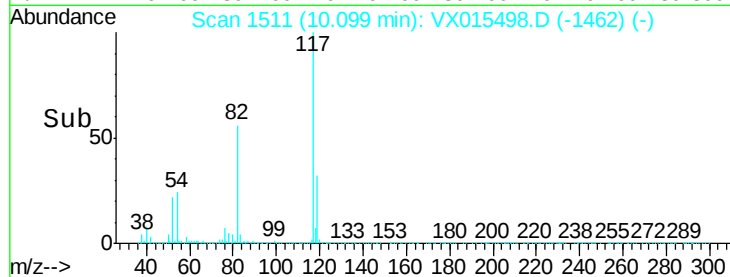
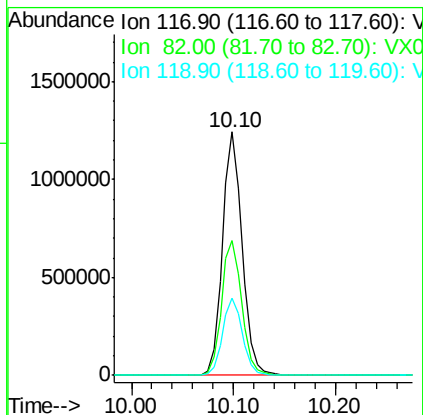
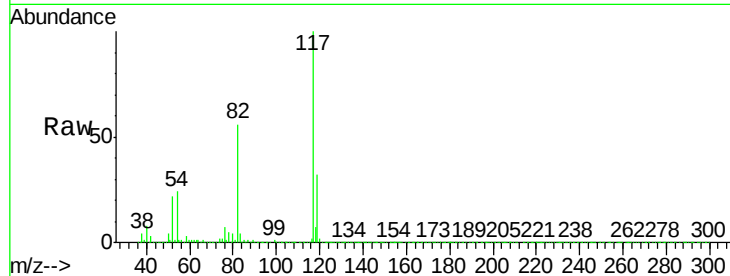




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015498.D
Acq: 02 Apr 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
S32-MULTI-IDW01

Tot Ion:117 Resp: 1664126
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.8
119 31.8 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015498.D
Acq: 02 Apr 2020 21:24

Tgt Ion:152 Resp: 891871
Ion Ratio Lower Upper
152 100
115 59.3 39.0 116.9
150 156.6 0.0 340.8

