

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015497.D
 Acq On : 02 Apr 2020 21:02
 Operator : JC/SP
 Sample : L2107-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-T2-IDW01

Quant Time: Apr 03 11:24:33 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

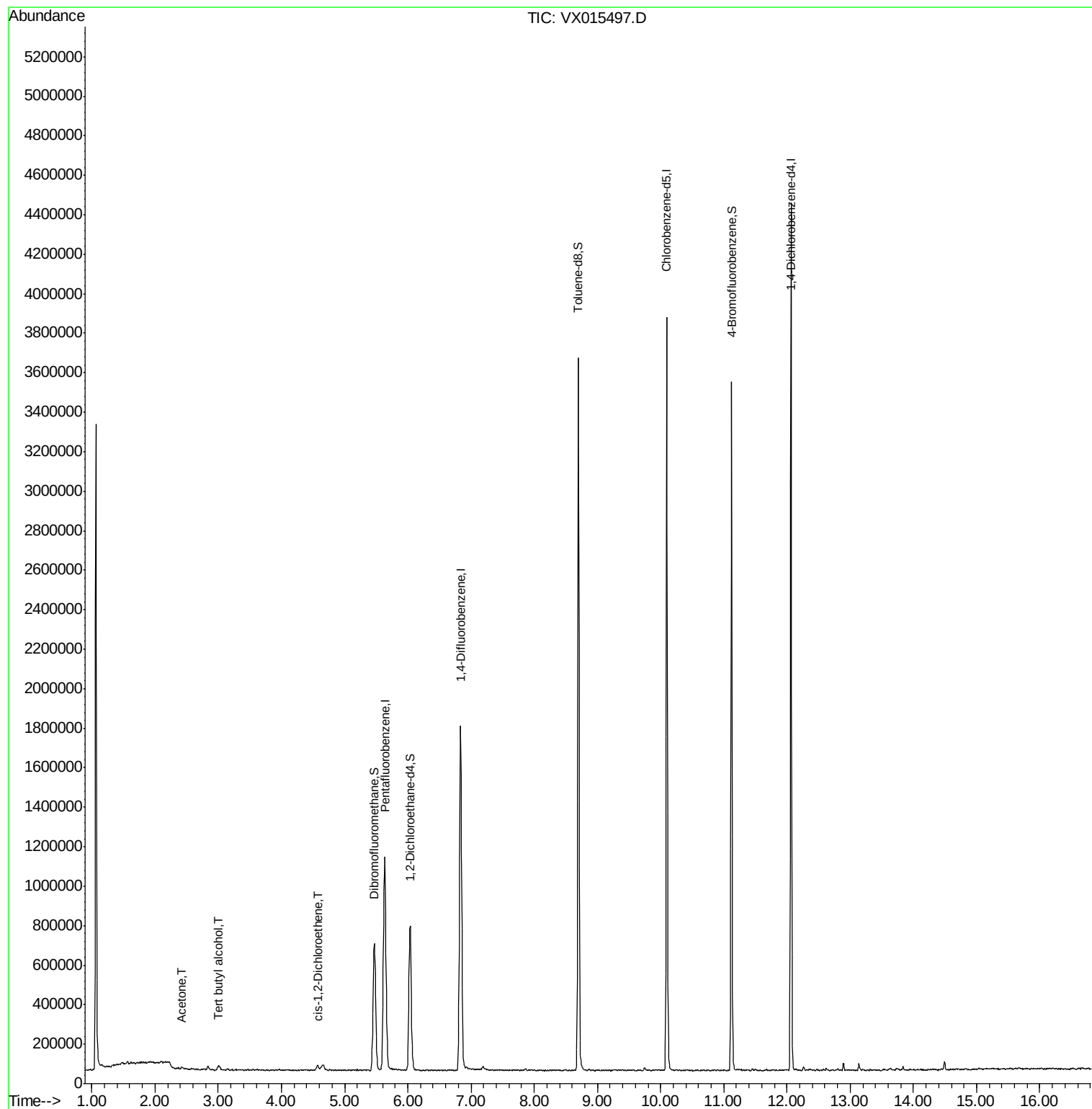
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1052367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1700543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1661925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	886564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	711298	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	5.47	113	542181	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	8.70	98	2060722	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	887659	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	30366	8.547	ug/l	95
16) Acetone	2.42	43	11337	1.778	ug/l #	87
27) cis-1,2-Dichloroethene	4.58	96	16458	1.290	ug/l	80

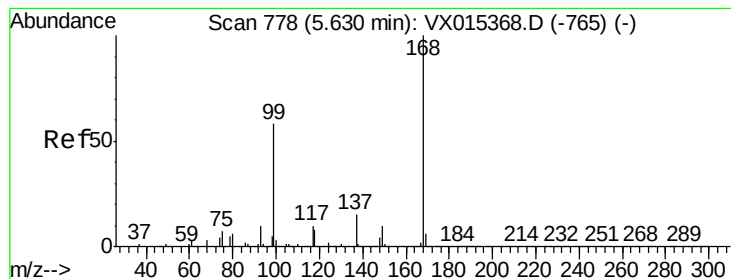
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 779

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

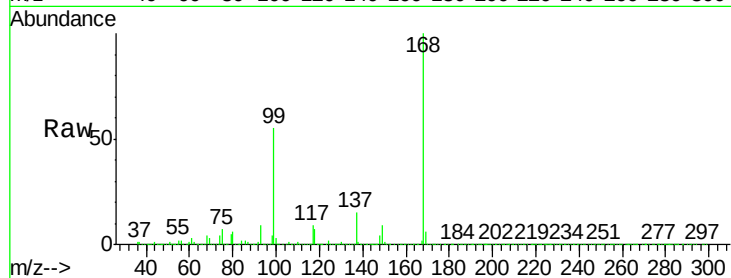
S32-T2-IDW01

Tot Ion:168 Resp: 1052367

Ion Ratio Lower Upper

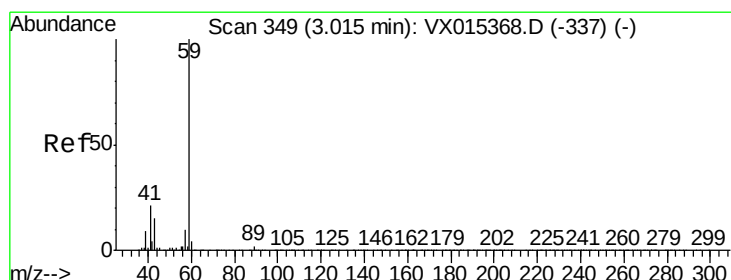
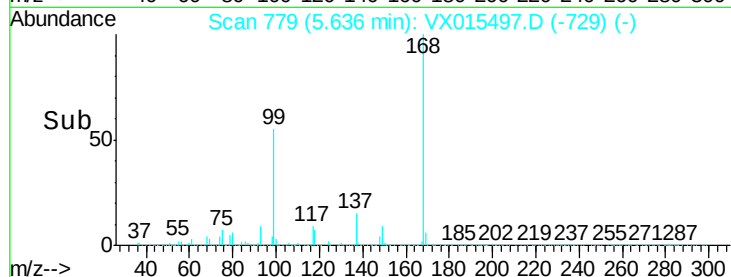
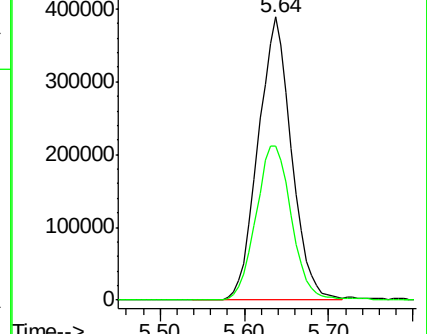
168 100

99 54.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.547 ug/l

RT: 3.01 min Scan# 349

Delta R.T. 0.00 min

Lab File: VX015497.D

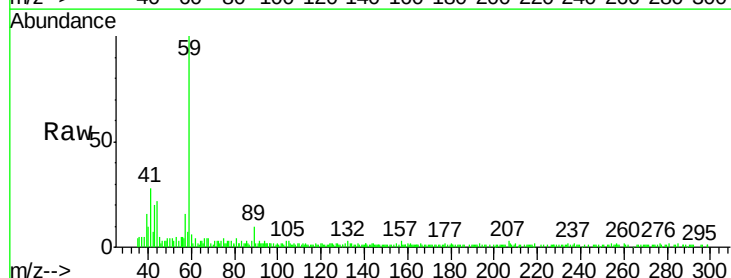
Acq: 02 Apr 2020 21:02

Tgt Ion: 59 Resp: 30366

Ion Ratio Lower Upper

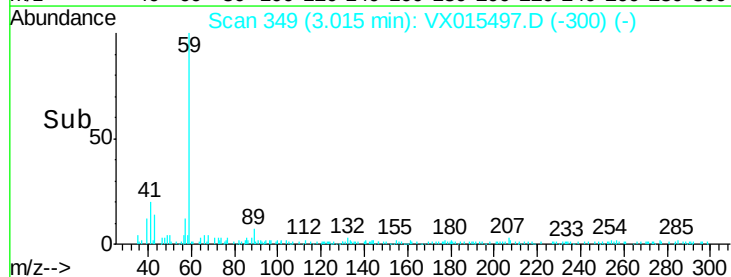
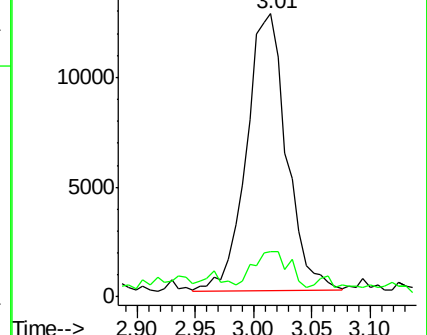
59 100

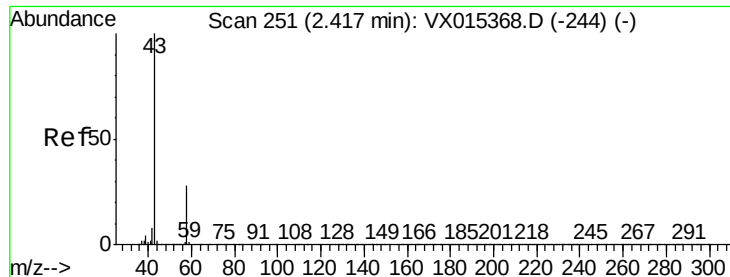
57 12.1 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 1.778 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015497.D

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Instrument :

MSVOA_X

ClientSampleId :

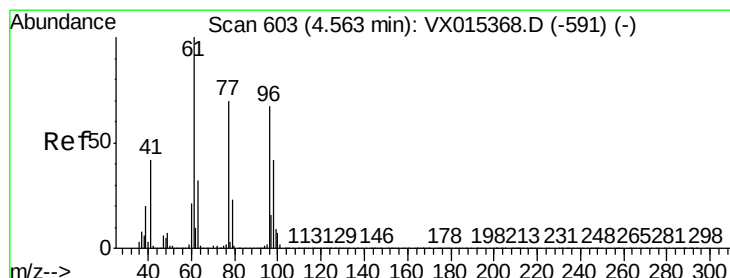
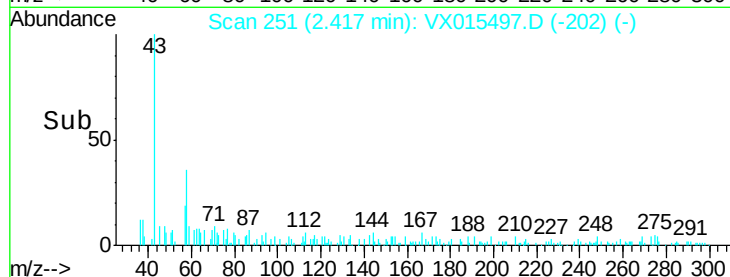
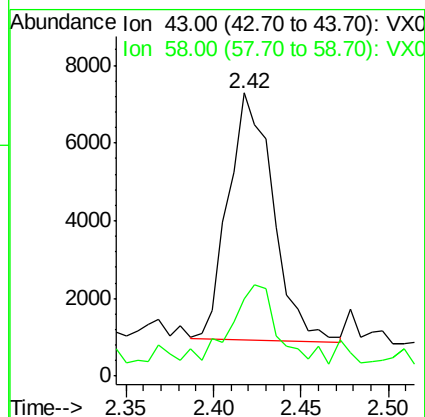
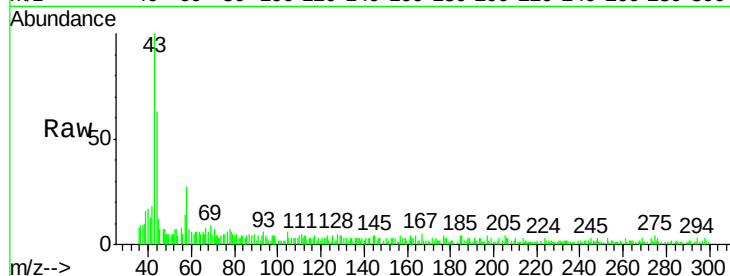
S32-T2-IDW01

Tot Ion: 43 Resp: 11337

Ion Ratio Lower Upper

43 100

58 20.6 22.1 33.1#



#27

cis-1,2-Dichloroethene

Concen: 1.290 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

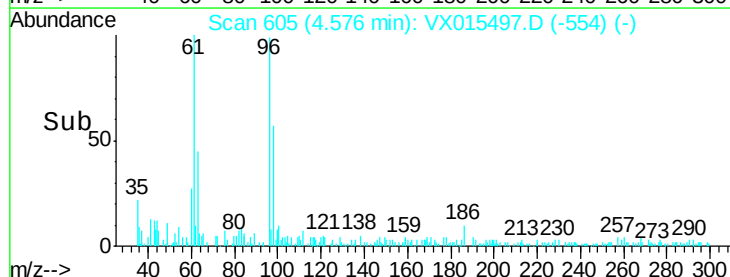
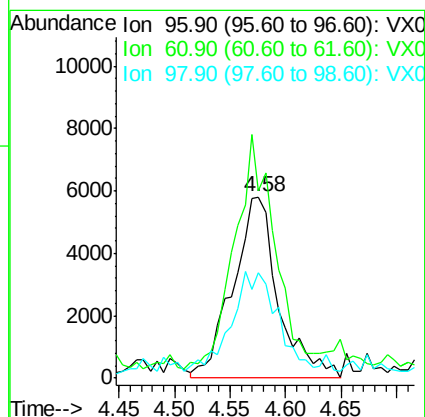
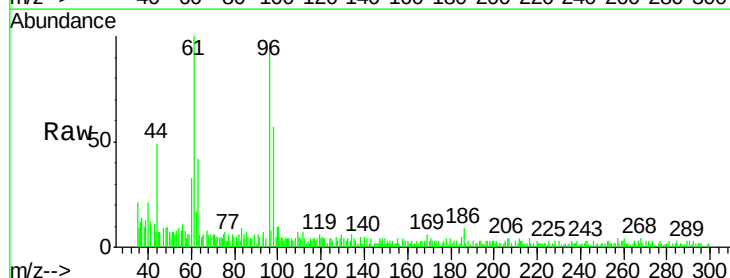
Tgt Ion: 96 Resp: 16458

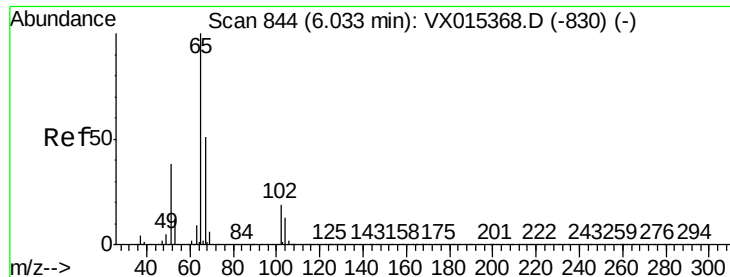
Ion Ratio Lower Upper

96 100

61 124.4 0.0 308.4

98 54.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 47.923 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

Instrument :

MSVOA_X

ClientSampleId :

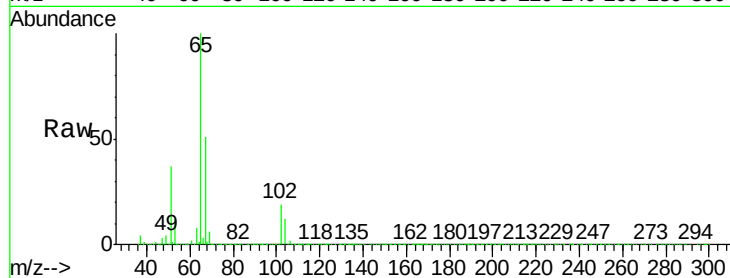
S32-T2-IDW01

Tot Ion: 65 Resp: 711298

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

150000

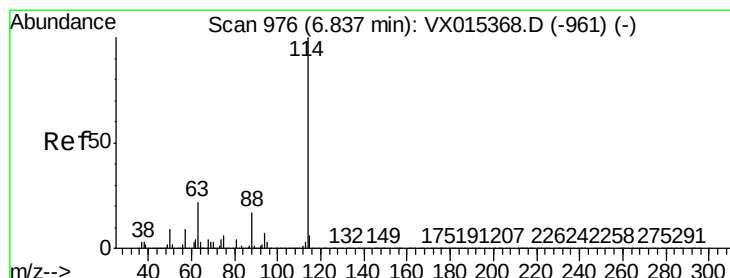
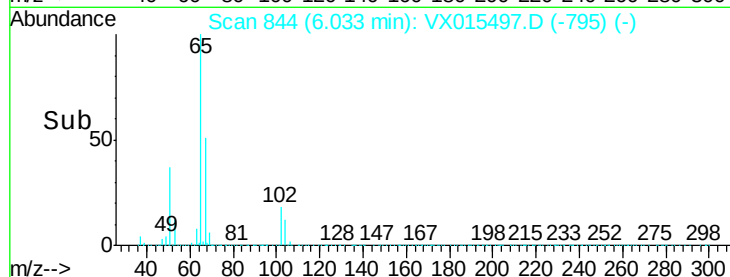
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

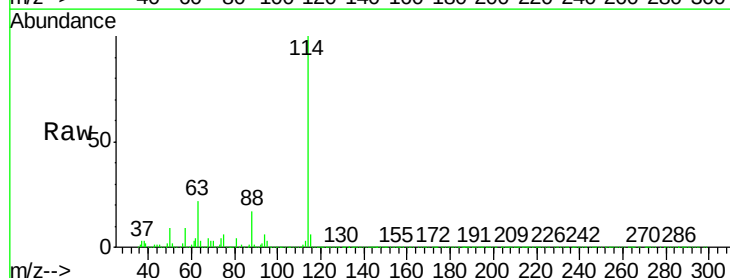
Tgt Ion: 114 Resp: 1700543

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

88 16.9 0.0 33.8



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

1000000

800000

600000

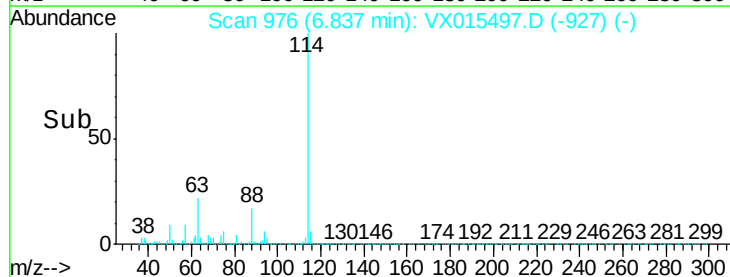
400000

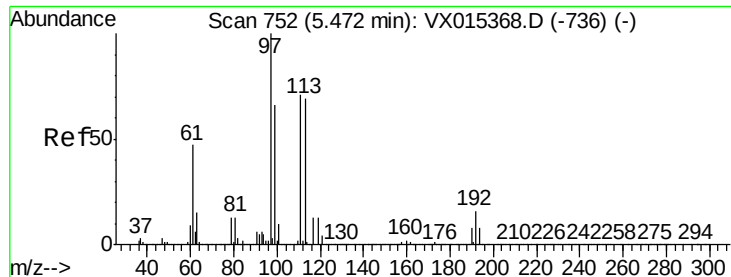
200000

0

Time-->

6.70 6.80 6.90 7.00

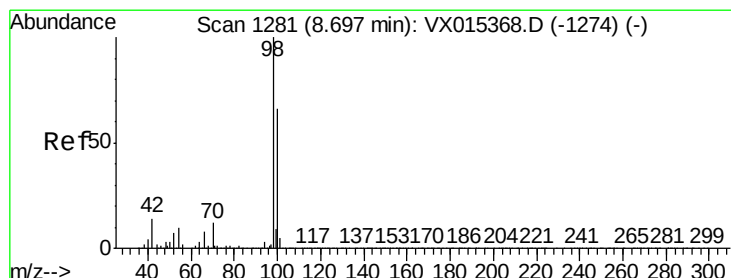
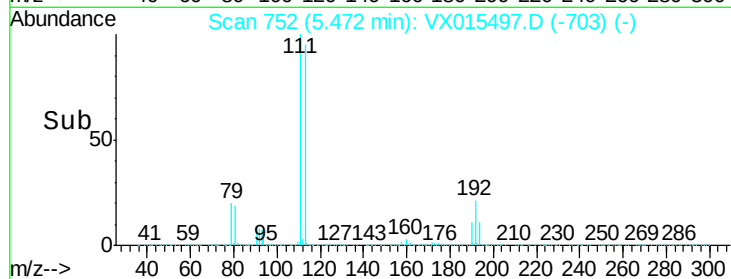
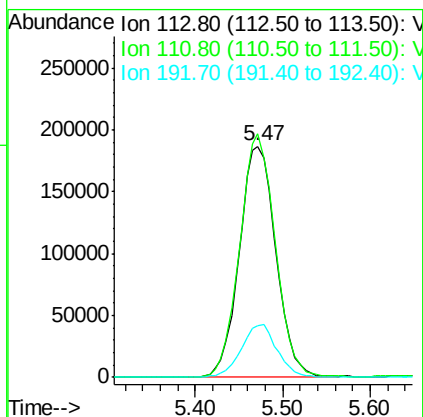
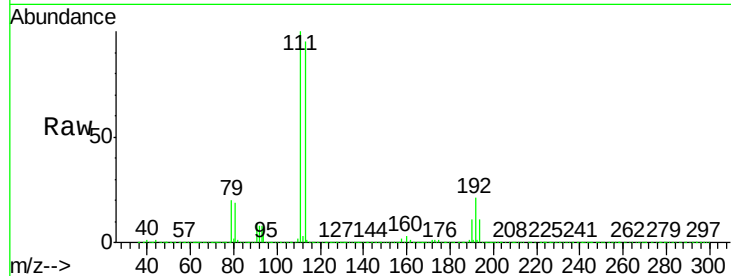




#35
 Dibromofluoromethane
 Concen: 49.877 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015497.D
 Acq: 02 Apr 2020 21:02

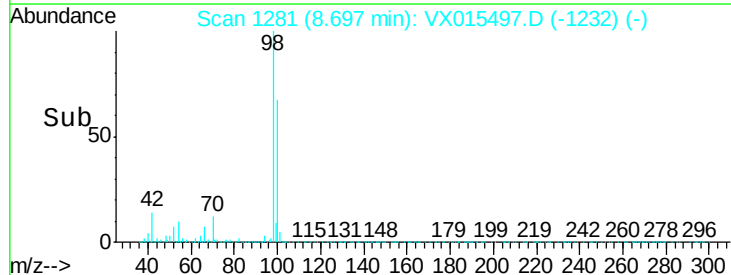
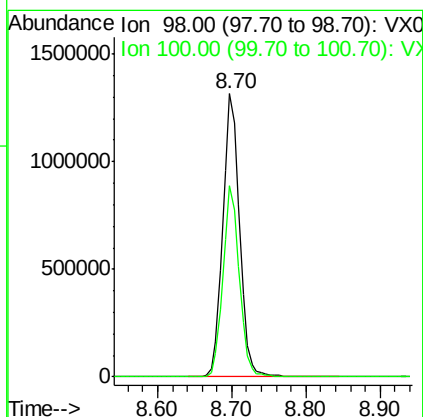
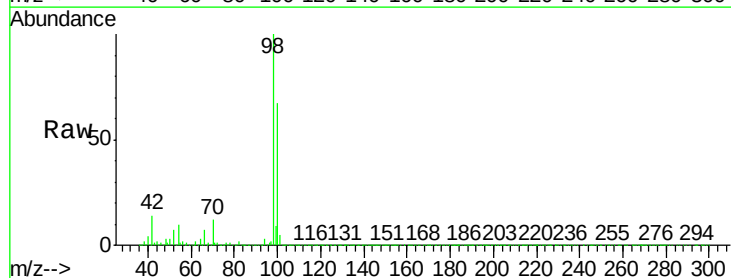
Instrument :
 MSVOA_X
 ClientSampled :
 S32-T2-IDW01

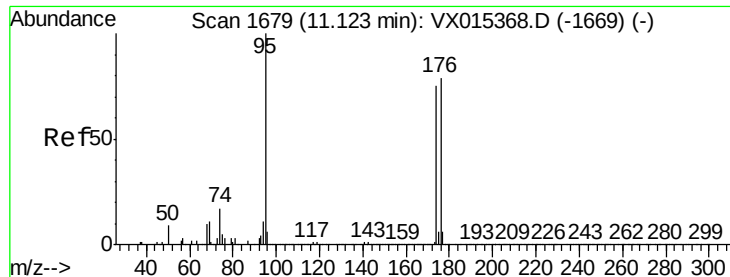
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.1	17.8	26.6



#50
 Toluene-d8
 Concen: 51.490 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VX015497.D
 Acq: 02 Apr 2020 21:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 54.575 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

Instrument :

MSVOA_X

ClientSampleId :

S32-T2-IDW01

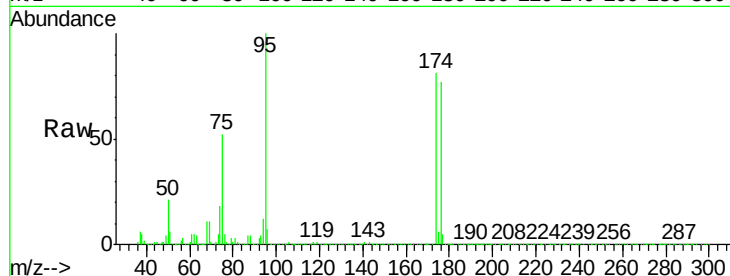
Tot Ion: 95 Resp: 887659

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.6

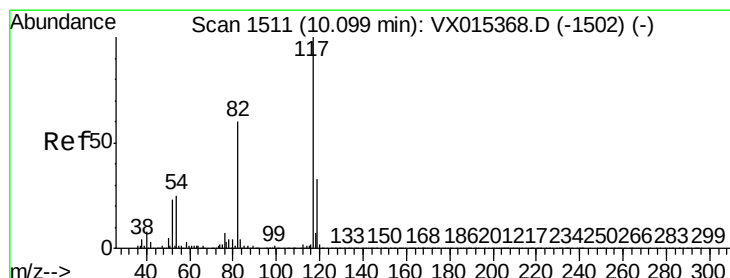
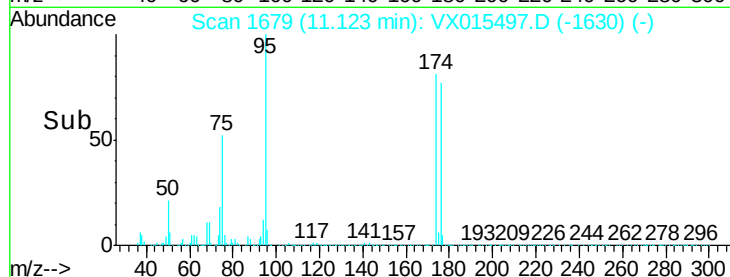
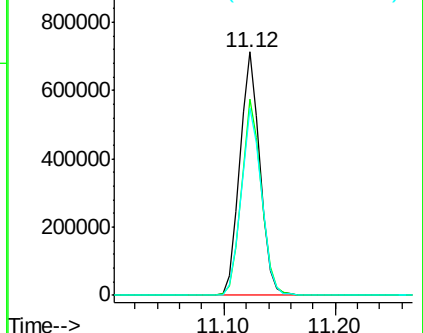
176 78.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

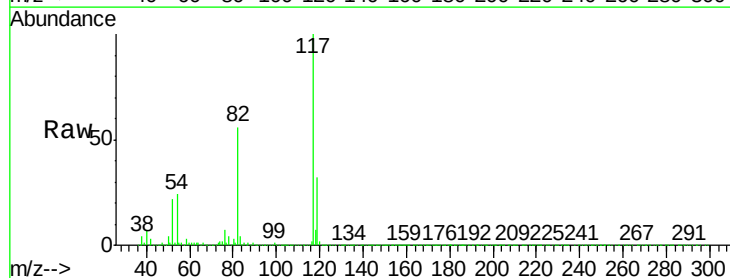
Tgt Ion: 117 Resp: 1661925

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.8

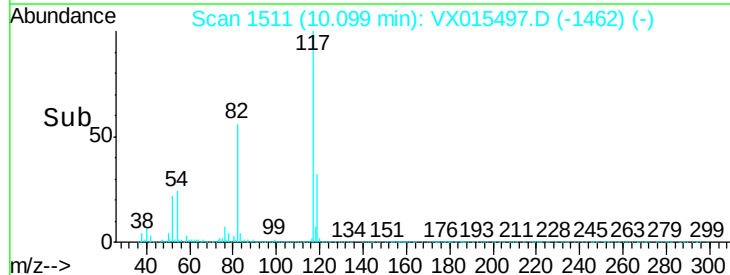
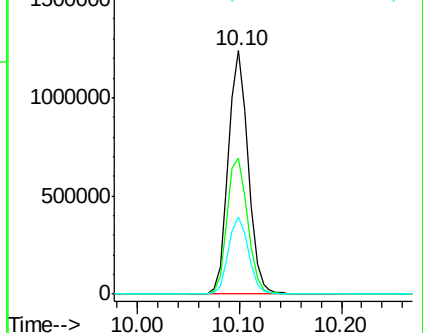
119 32.0 26.8 40.2

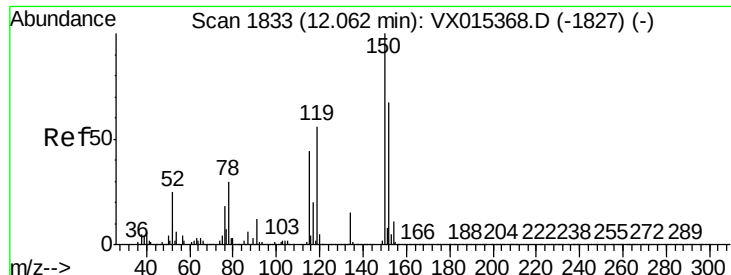


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015497.D

Acq: 02 Apr 2020 21:02

Instrument :

MSVOA_X

ClientSampleId :

S32-T2-IDW01

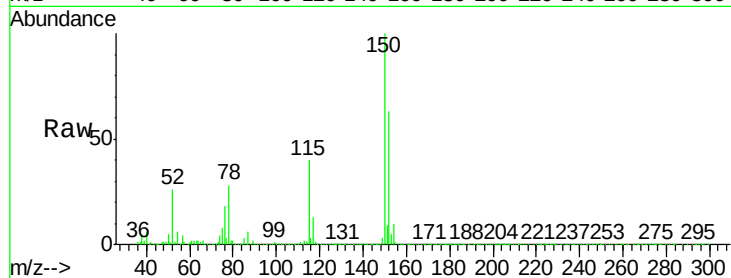
Tot Ion:152 Resp: 886564

Ion Ratio Lower Upper

152 100

115 59.4 39.0 116.9

150 154.8 0.0 340.8



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

