

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015713.D
 Acq On : 16 Apr 2020 15:38
 Operator : JC/SP
 Sample : L2293-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-S1SVEGW-200407

Quant Time: Apr 17 08:08:16 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	1066213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1631246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1561168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	873865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	633970	42.16	ug/l	0.00
Spiked Amount			Recovery	=	84.32%	
35) Dibromofluoromethane	5.47	113	492750	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
50) Toluene-d8	8.70	98	1931841	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.12	95	825003	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	

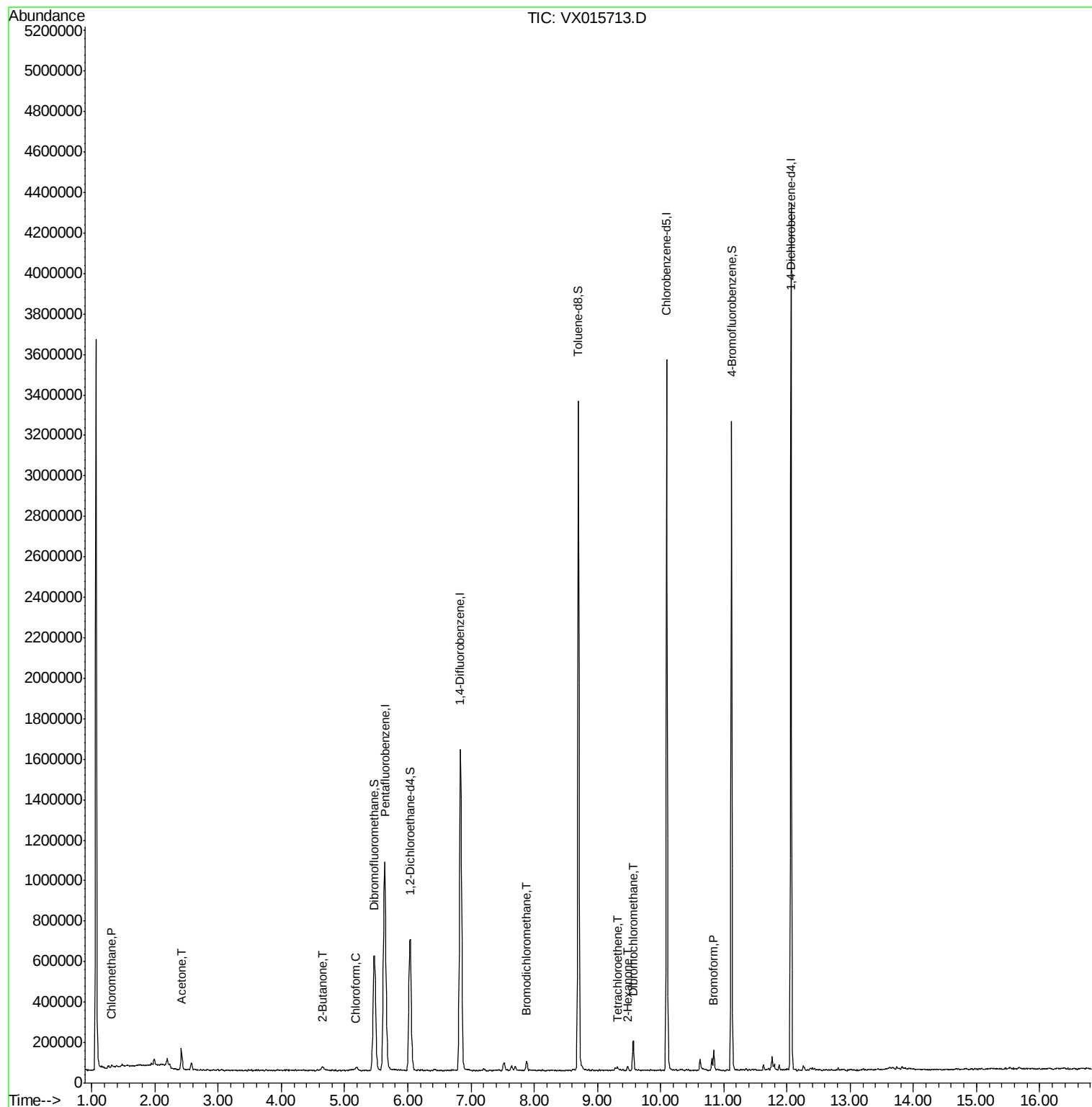
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	6745	0.564	ug/l	94
16) Acetone	2.42	43	119131	18.440	ug/l	98
25) 2-Butanone	4.65	43	37236	3.584	ug/l	95
30) Chloroform	5.19	83	20256	0.959	ug/l	92
47) Bromodichloromethane	7.88	83	31664	1.881	ug/l	94
59) 2-Hexanone	9.48	43	15521	1.098	ug/l	93
60) Dibromochloromethane	9.56	129	47397	3.547	ug/l	95
64) Tetrachloroethene	9.31	164	4082	0.346	ug/l #	68
71) Bromoform	10.84	173	39242	3.466	ug/l #	99

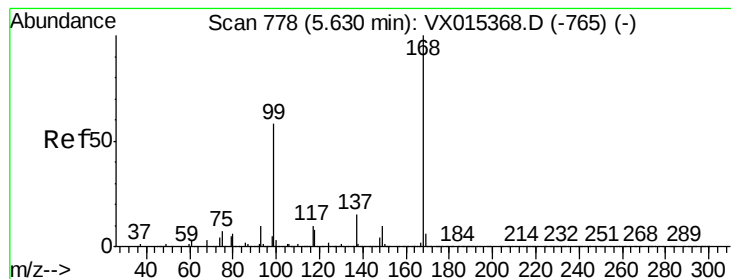
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
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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: VX015713.D

Acq: 16 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

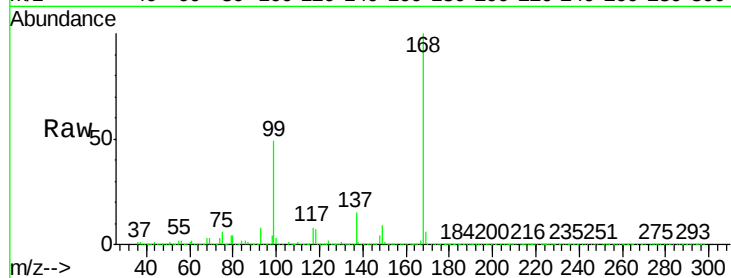
Z5-S1SVEGW-200407

Tot Ion:168 Resp: 1066213

Ion Ratio Lower Upper

168 100

99 49.0 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

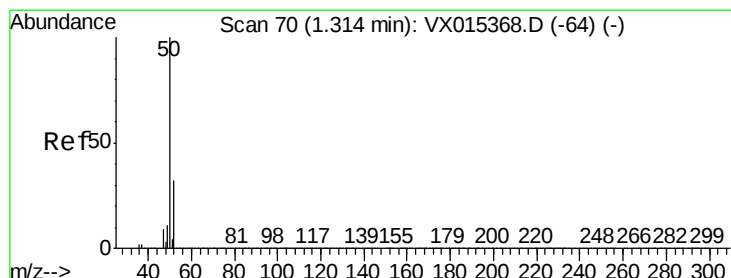
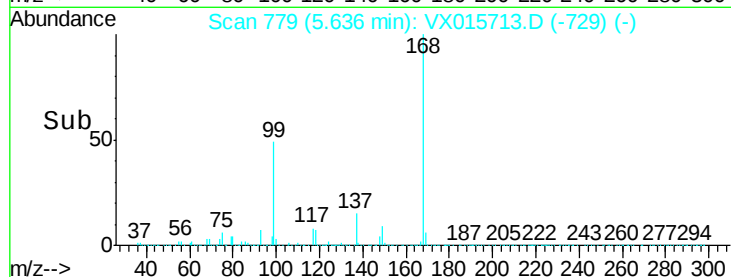
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.564 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015713.D

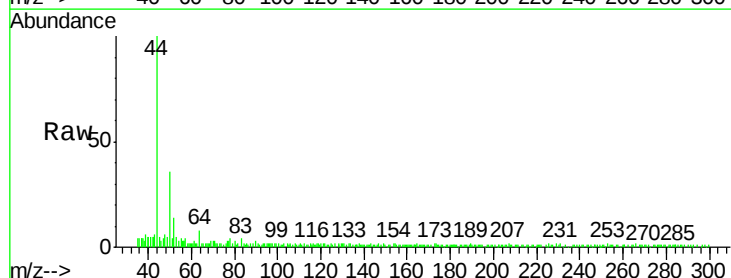
Acq: 16 Apr 2020 15:38

Tgt Ion: 50 Resp: 6745

Ion Ratio Lower Upper

50 100

52 35.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

6000

5000

4000

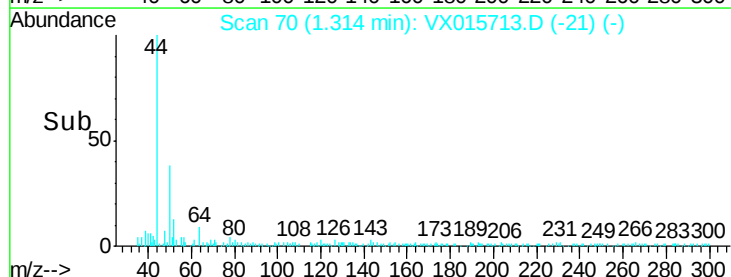
3000

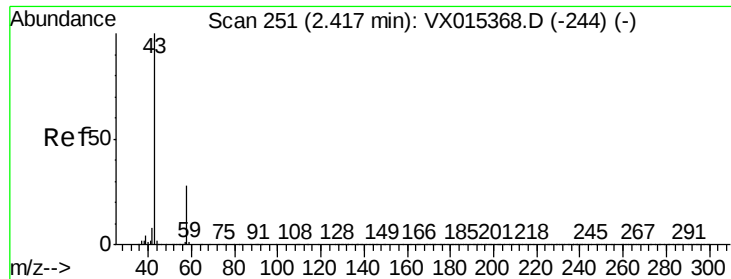
2000

1000

0

Time-->

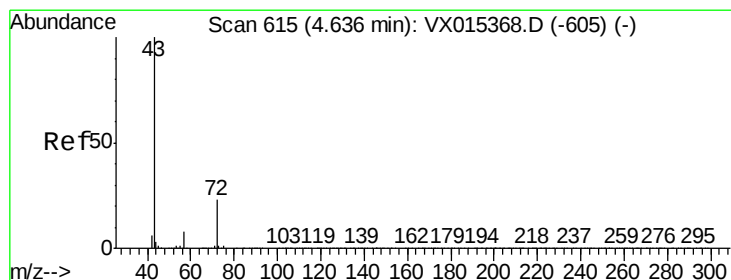
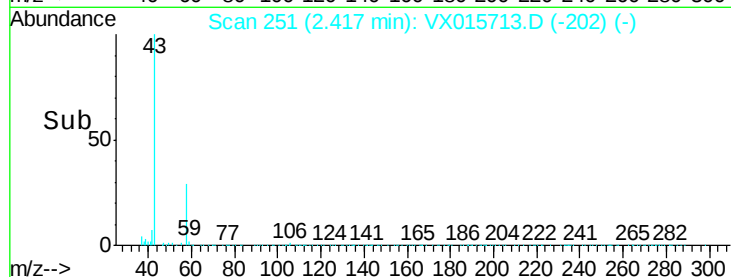
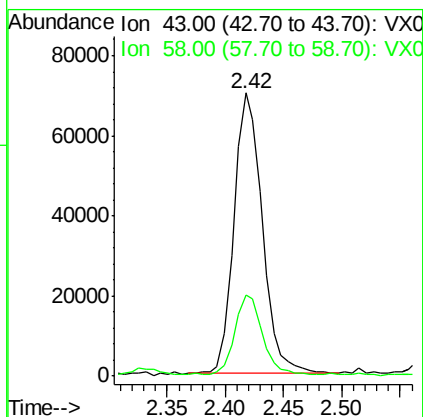
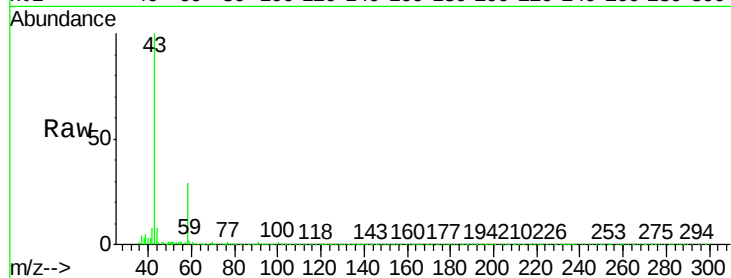




#16
Acetone
Concen: 18.440 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

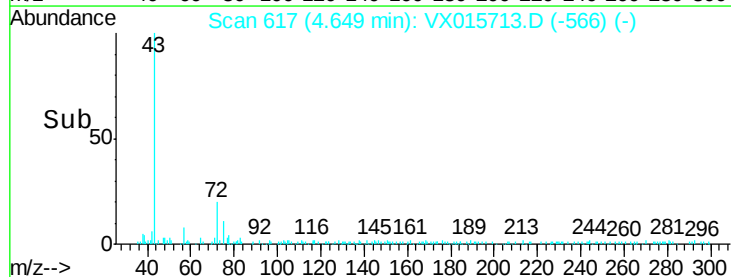
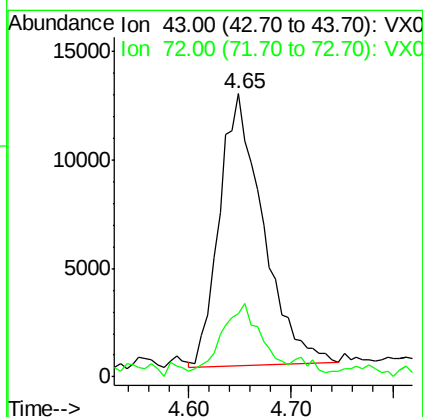
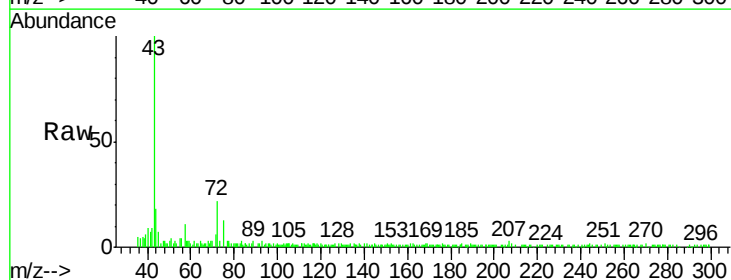
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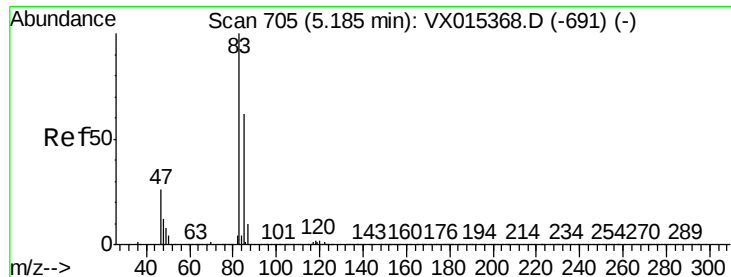
Tot Ion: 43 Resp: 119131
Ion Ratio Lower Upper
43 100
58 28.5 22.1 33.1



#25
2-Butanone
Concen: 3.584 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

Tgt Ion: 43 Resp: 37236
Ion Ratio Lower Upper
43 100
72 21.4 19.0 28.4

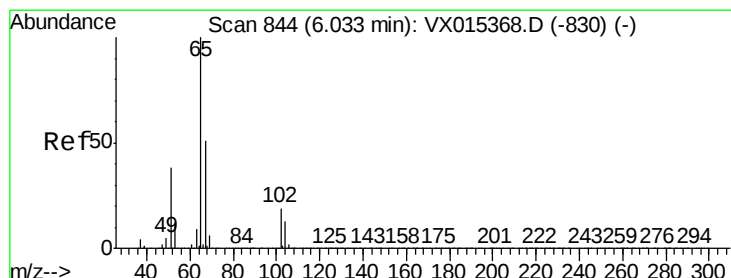
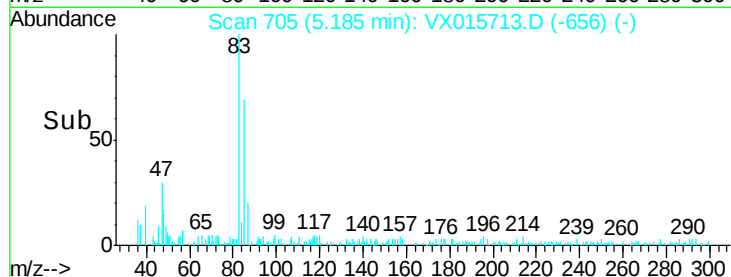
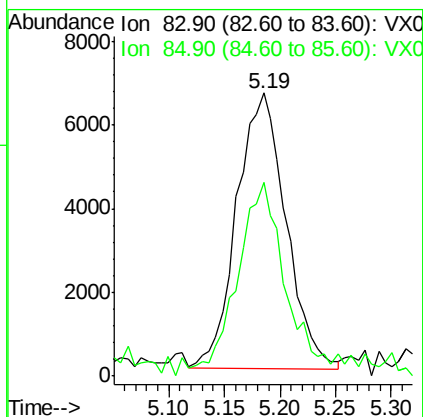
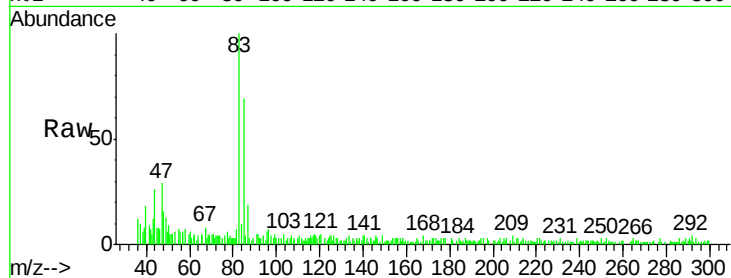




#30
Chloroform
Concen: 0.959 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

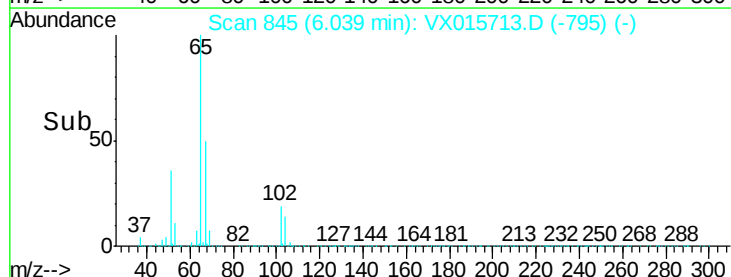
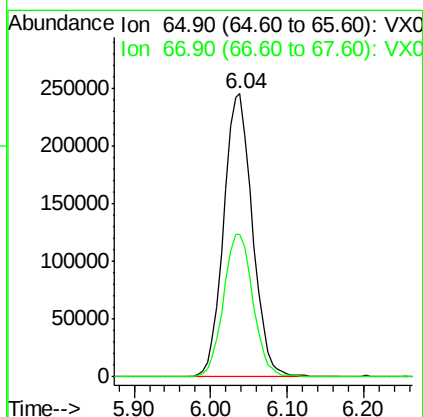
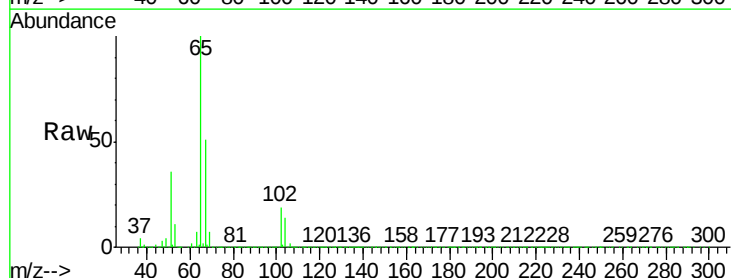
Instrument :
MSVOA_X
ClientSampleId :
Z5-S1SVEGW-200407

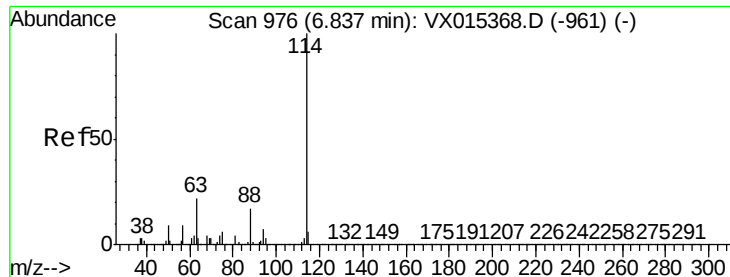
Tot Ion: 83 Resp: 20256
Ion Ratio Lower Upper
83 100
85 67.8 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 42.159 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

Tgt Ion: 65 Resp: 633970
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1SVEGW-200407

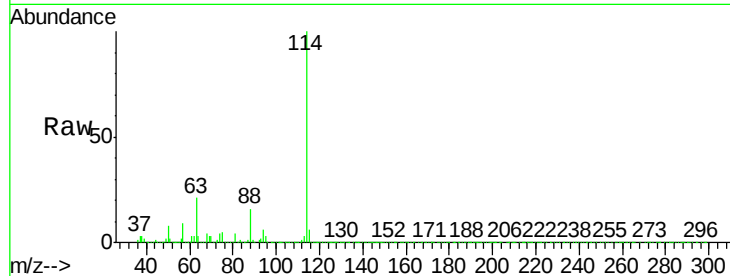
Tot Ion:114 Resp: 1631246

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

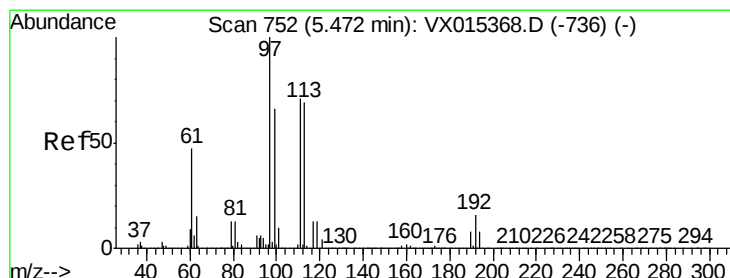
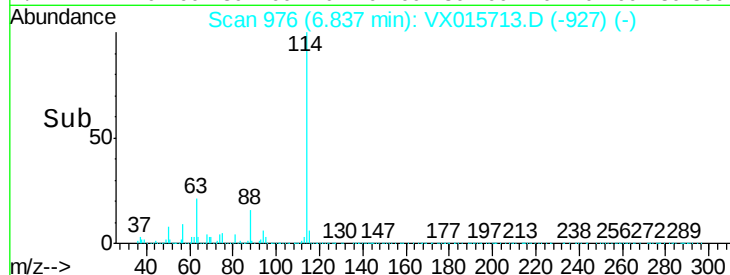
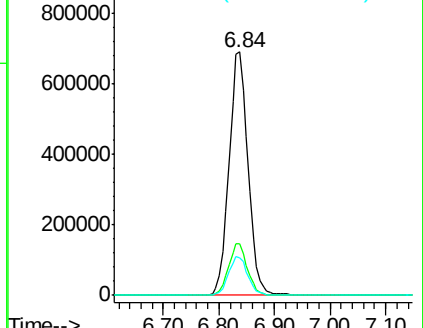
88 15.6 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 47.255 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

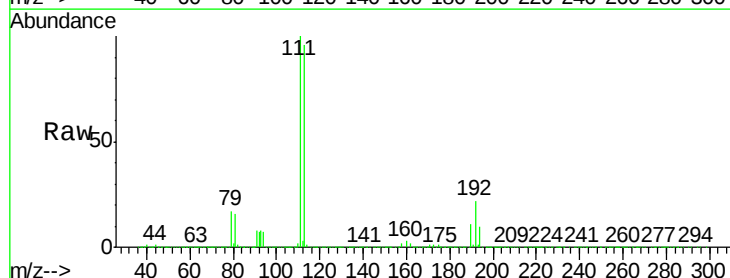
Tgt Ion:113 Resp: 492750

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

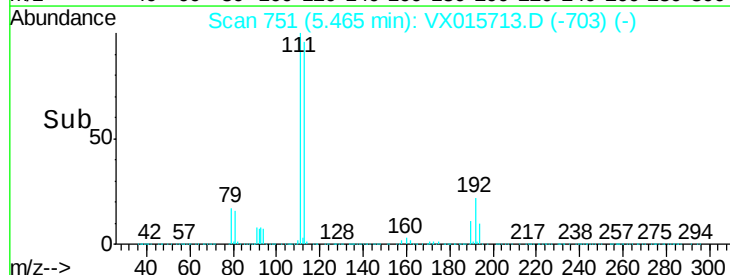
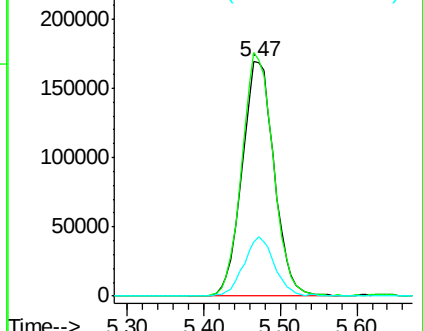
192 24.4 17.8 26.6

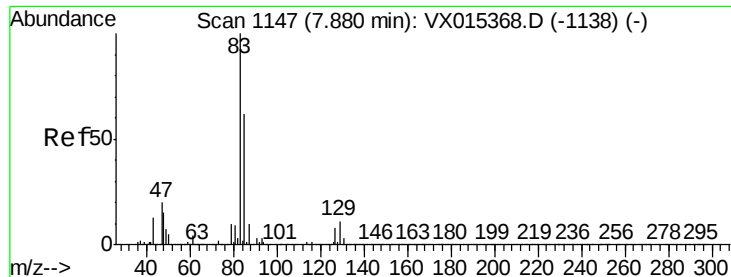


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 1.881 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

Instrument :

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ClientSampleId :

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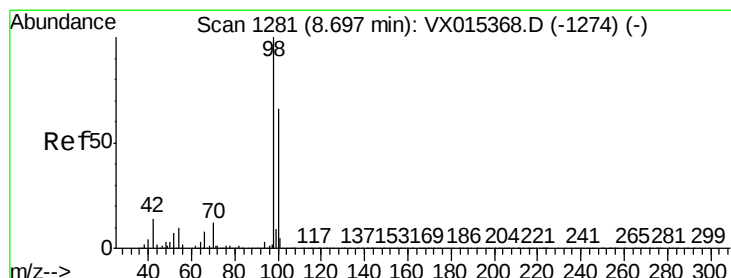
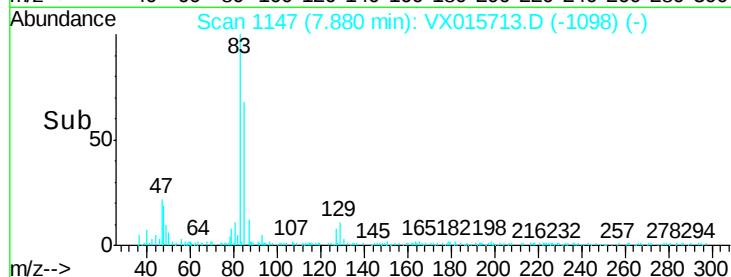
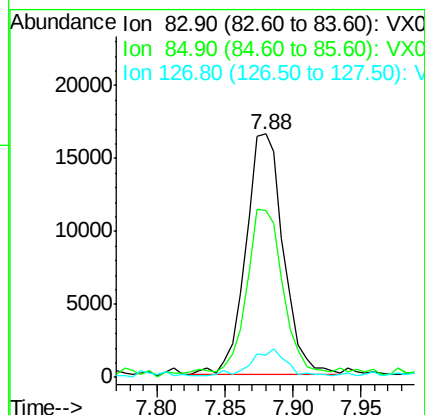
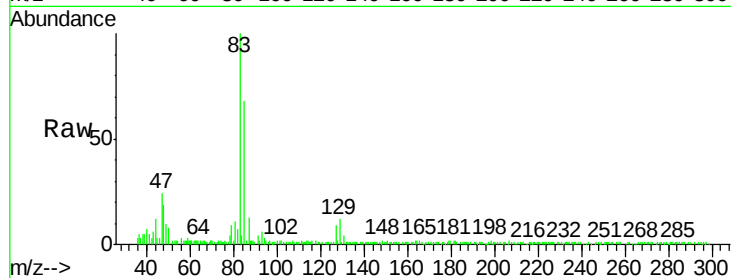
Tot Ion: 83 Resp: 31664

Ion Ratio Lower Upper

83 100

85 67.1 49.7 74.5

127 8.3 6.7 10.1



#50

Toluene-d8

Concen: 50.320 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015713.D

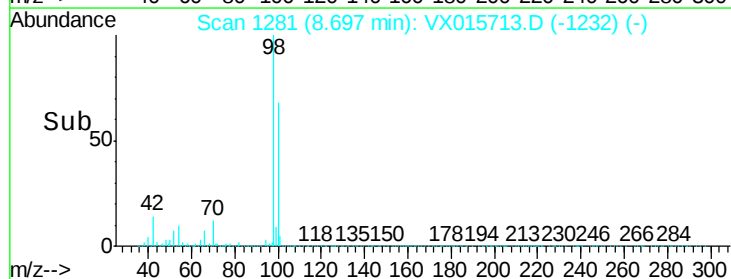
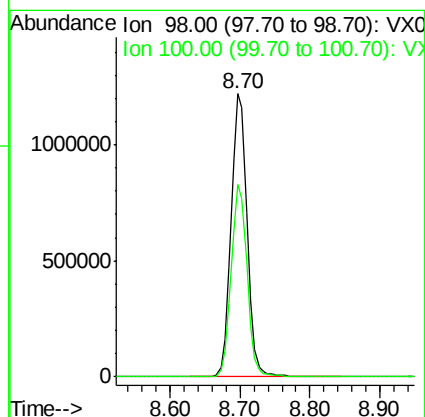
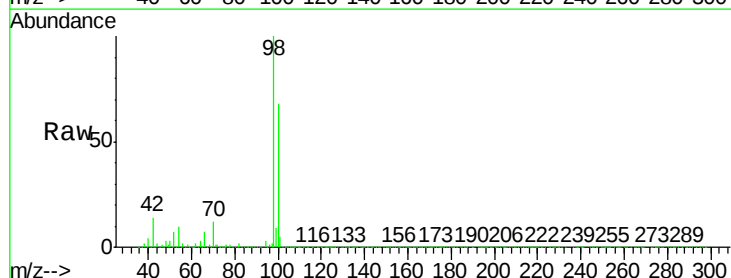
Acq: 16 Apr 2020 15:38

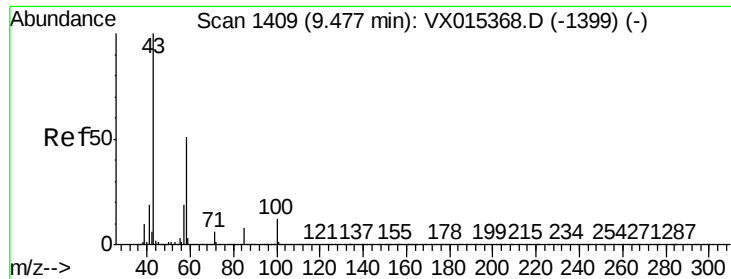
Tgt Ion: 98 Resp: 1931841

Ion Ratio Lower Upper

98 100

100 67.8 53.5 80.3





#59

2-Hexanone

Concen: 1.098 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.01 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

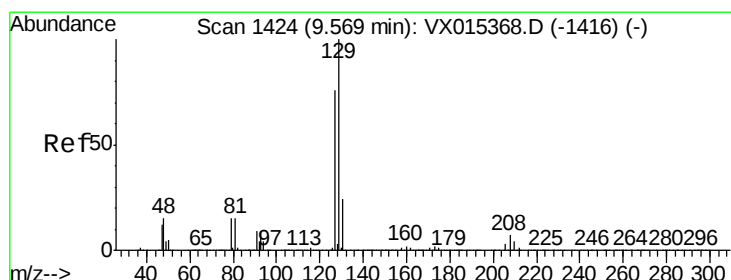
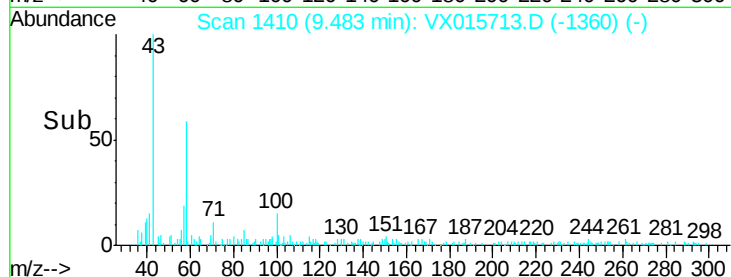
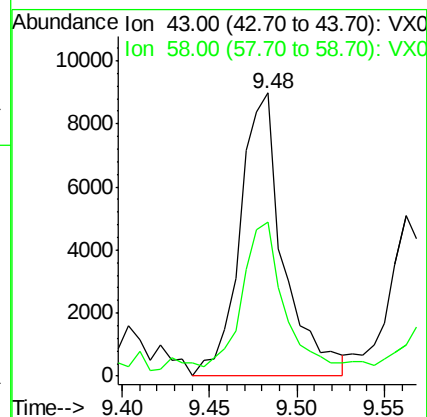
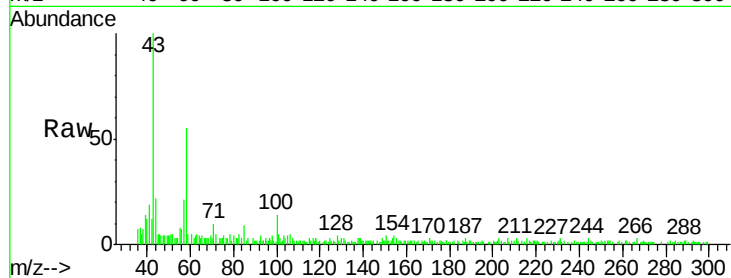
Z5-S1SVEGW-200407

Tot Ion: 43 Resp: 15521

Ion Ratio Lower Upper

43 100

58 46.2 25.6 76.6



#60

Dibromochloromethane

Concen: 3.547 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015713.D

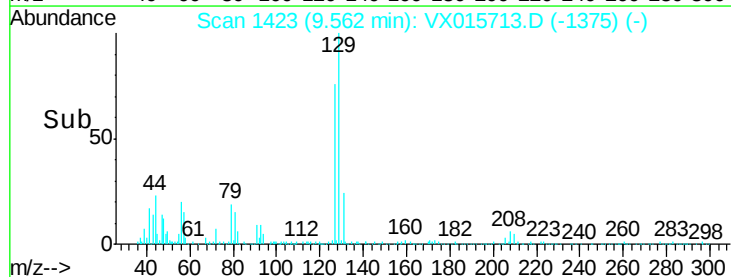
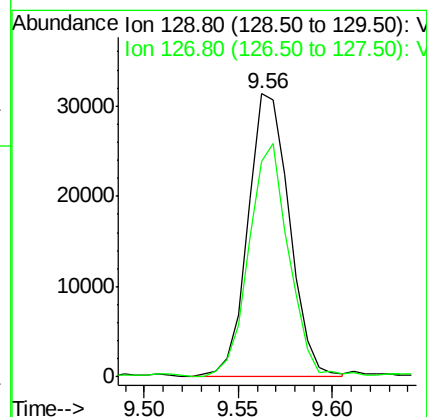
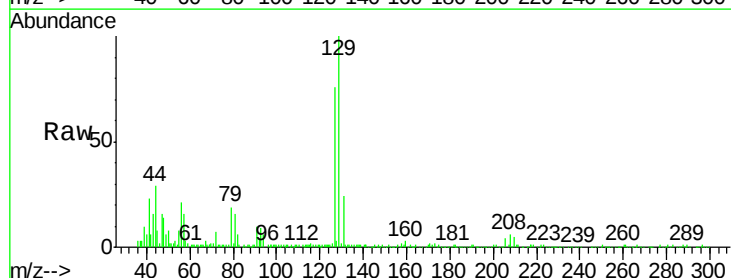
Acq: 16 Apr 2020 15:38

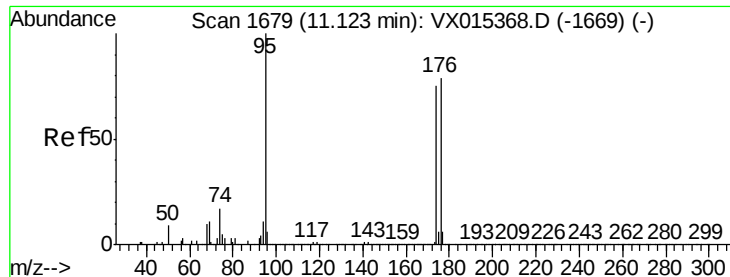
Tgt Ion: 129 Resp: 47397

Ion Ratio Lower Upper

129 100

127 80.5 38.2 114.6

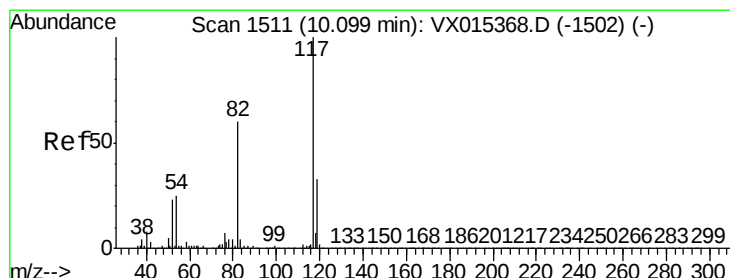
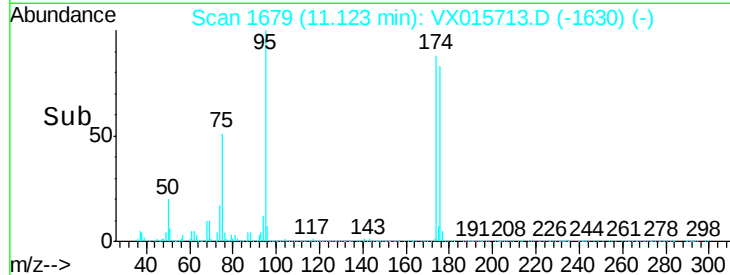
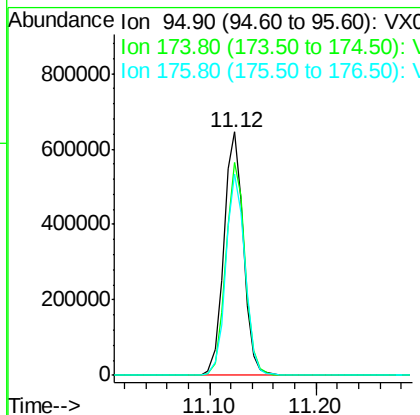
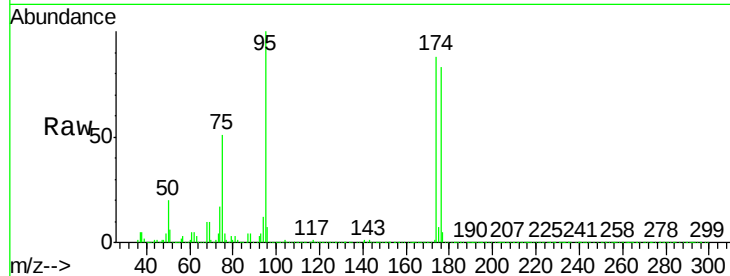




#62
4-Bromofluorobenzene
Concen: 52.878 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

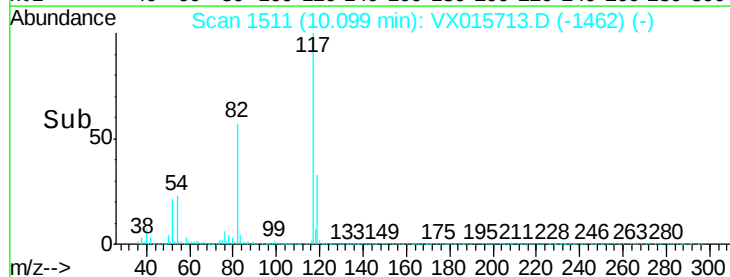
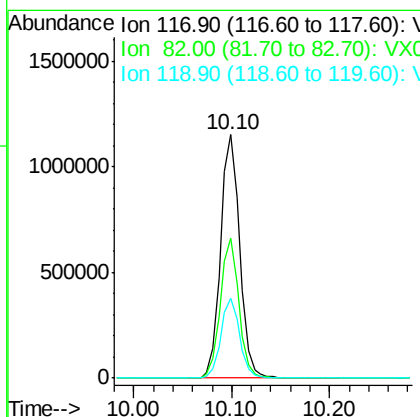
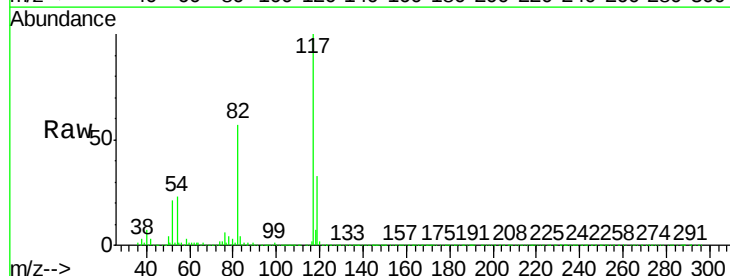
Instrument :
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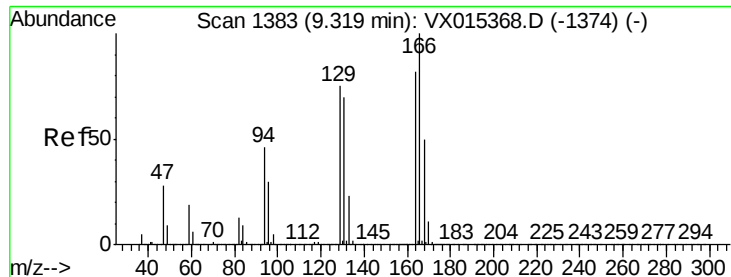
Tot Ion: 95 Resp: 825003
Ion Ratio Lower Upper
95 100
174 86.3 0.0 158.6
176 81.6 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015713.D
Acq: 16 Apr 2020 15:38

Tgt Ion: 117 Resp: 1561168
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.8
119 32.6 26.8 40.2





#64

Tetrachloroethene

Concen: 0.346 ug/l

RT: 9.31 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1SVEGW-200407

Tot Ion:164 Resp: 4082

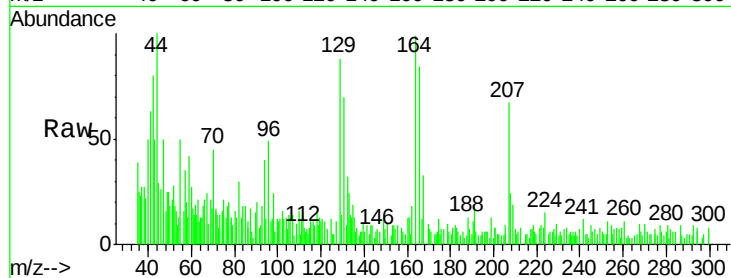
Ion Ratio Lower Upper

164 100

166 68.5 97.8 146.6#

129 81.8 73.0 109.4

131 56.8 68.6 103.0#

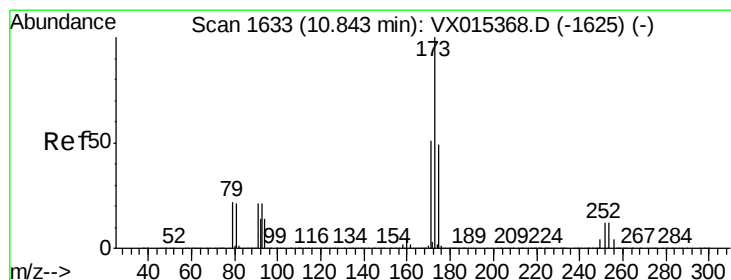
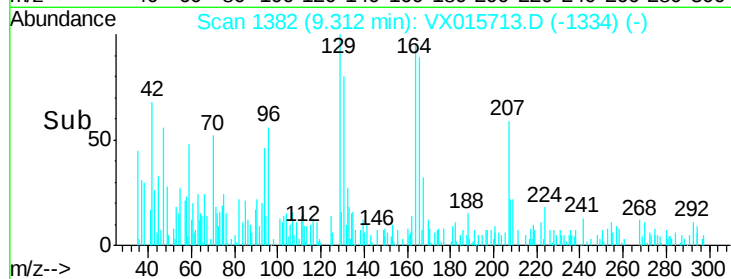
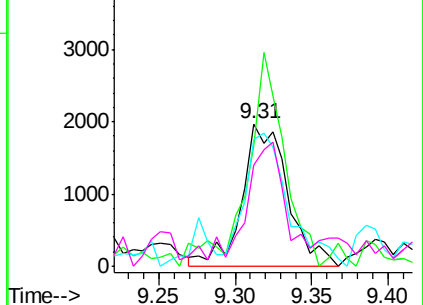


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 3.466 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015713.D

Acq: 16 Apr 2020 15:38

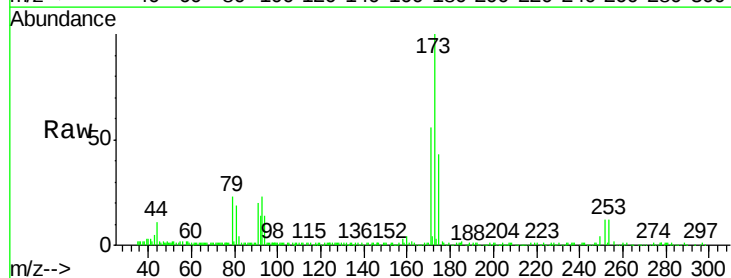
Tgt Ion:173 Resp: 39242

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

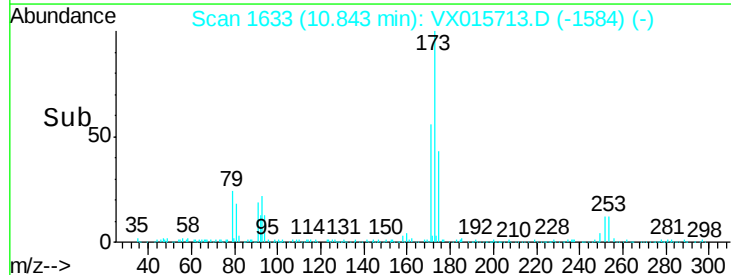
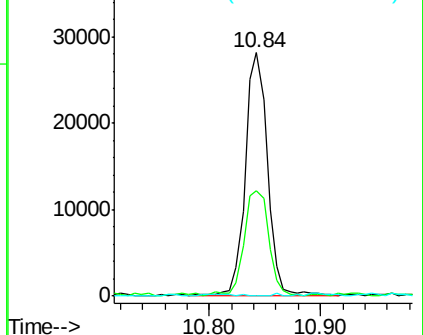
254 0.3 0.1 0.1#

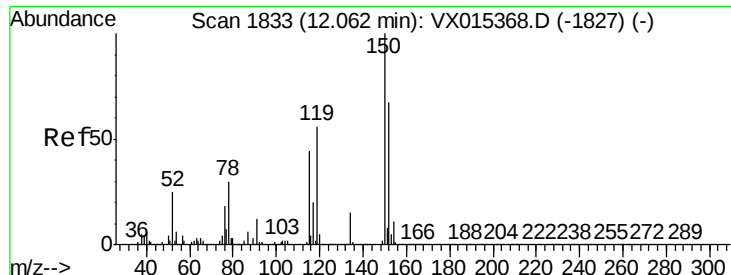


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX015713.D

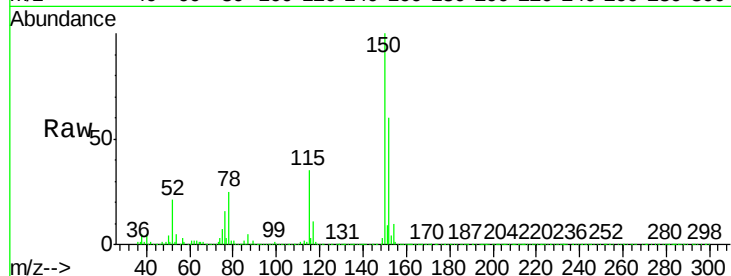
Acq: 16 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1SVEGW-200407



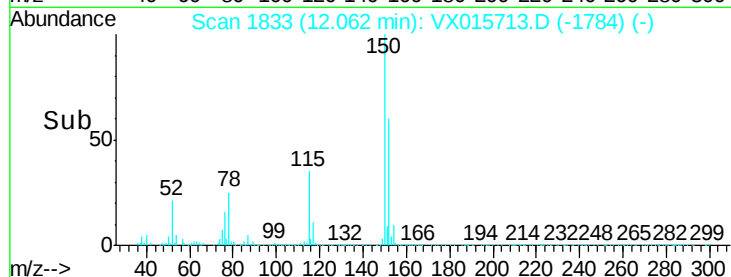
Tot Ion:152 Resp: 873865

Ion Ratio Lower Upper

152 100

115 55.1 39.0 116.9

150 158.2 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

