

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016096.D
 Acq On : 07 May 2020 16:04
 Operator : JC/SP
 Sample : L2551-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-EFF-200430

Quant Time: May 08 04:07:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

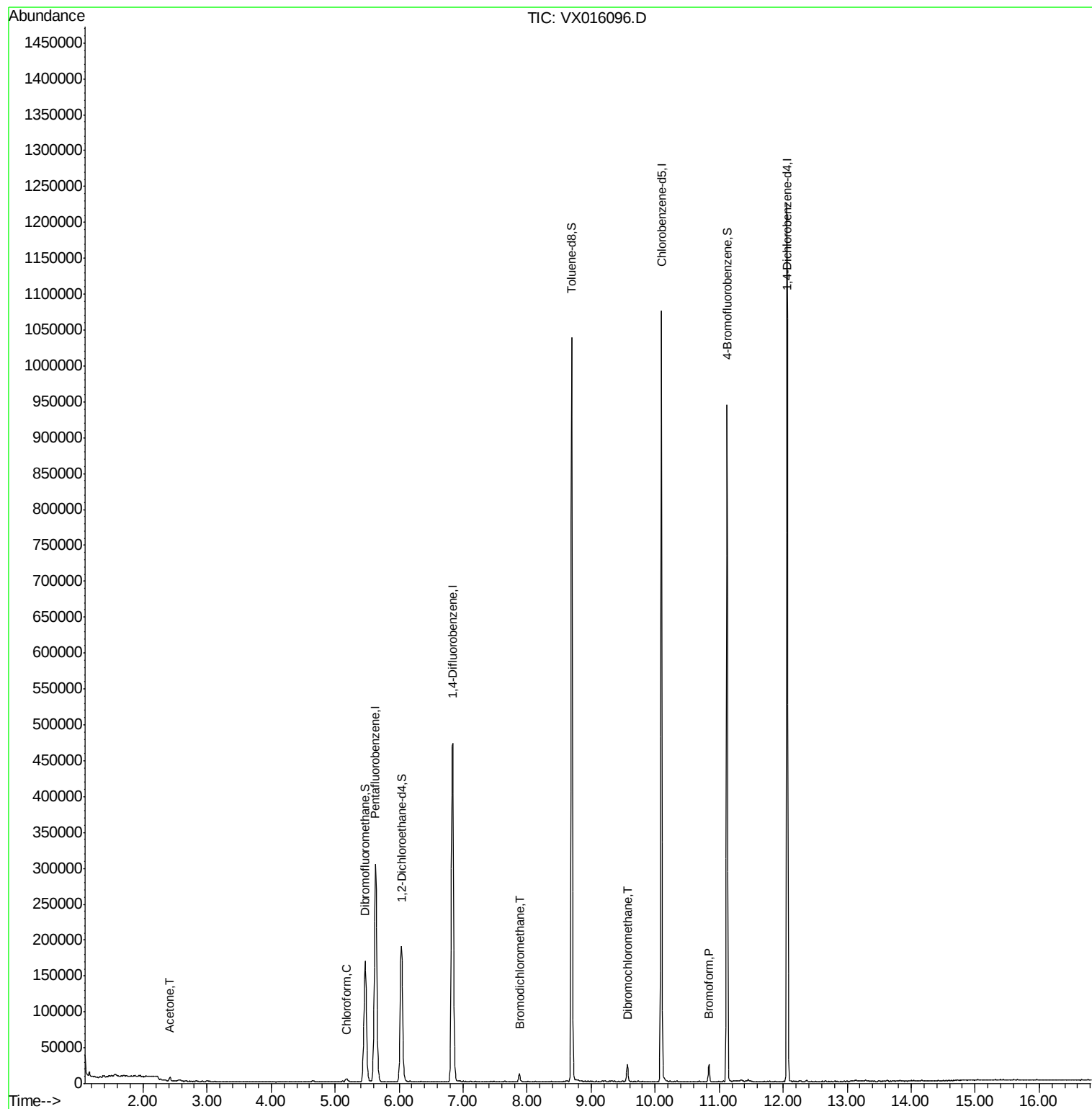
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	298308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	488014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	183859	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	5.47	113	144636	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	8.70	98	596044	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	241742	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
Target Compounds						
16) Acetone	2.42	43	5441	3.106	ug/l	96
30) Chloroform	5.18	83	4695	0.786	ug/l	96
47) Bromodichloromethane	7.88	83	7113	1.445	ug/l	97
60) Dibromochloromethane	9.57	129	9994	2.633	ug/l	98
71) Bromoform	10.84	173	8758	2.924	ug/l #	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

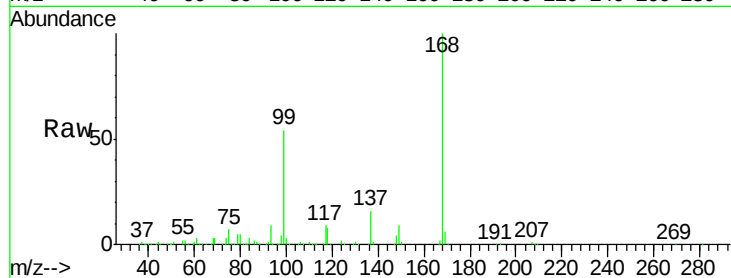
Z4-EFF-200430

Tot Ion:168 Resp: 298308

Ion Ratio Lower Upper

168 100

99 53.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

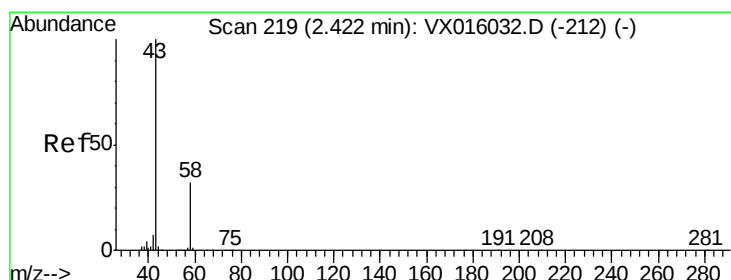
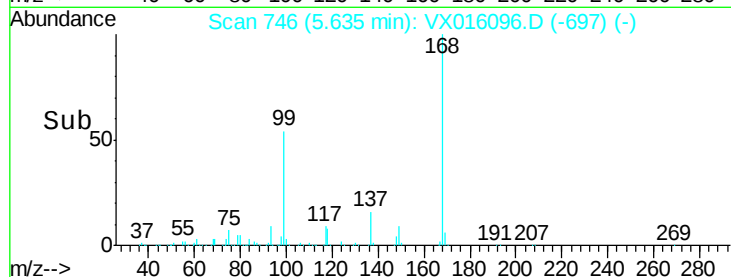
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.106 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016096.D

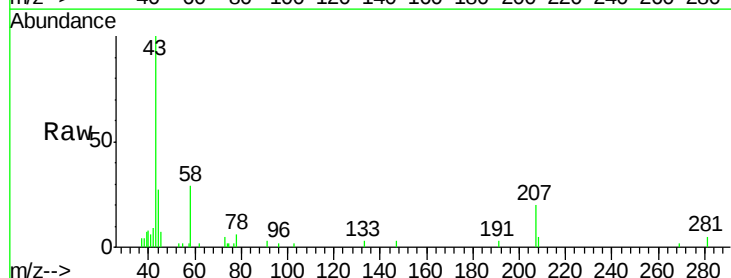
Acq: 07 May 2020 16:04

Tgt Ion: 43 Resp: 5441

Ion Ratio Lower Upper

43 100

58 29.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

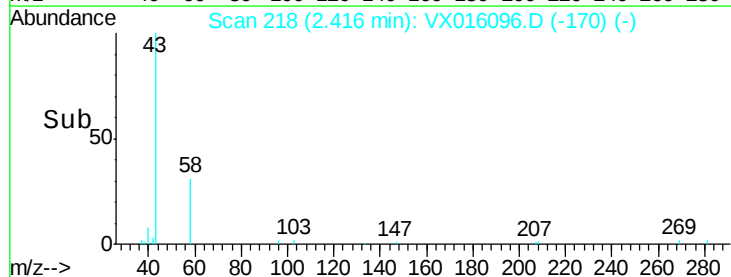
3000

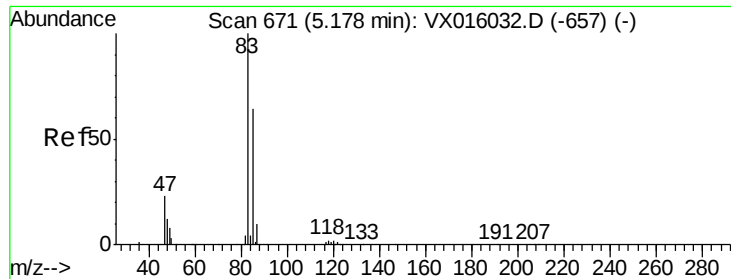
2000

1000

0

Time-->

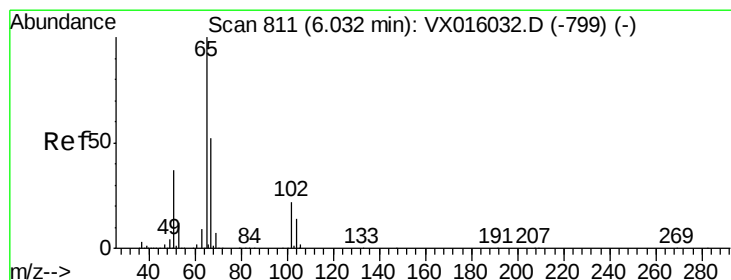
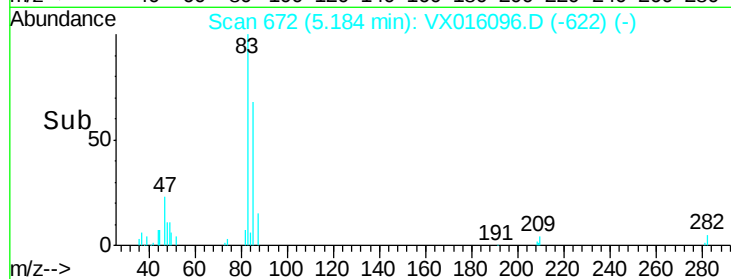
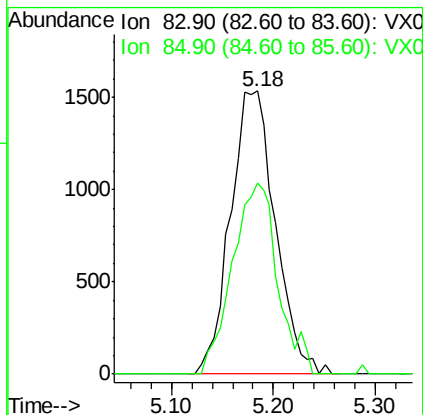
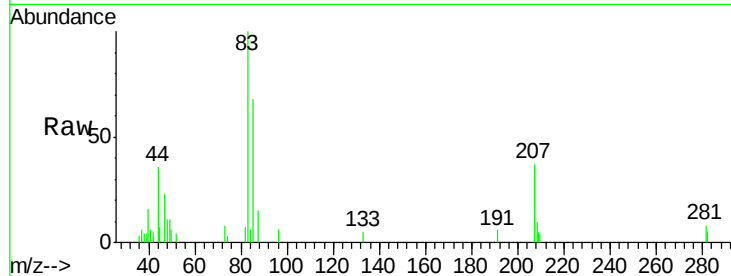




#30
Chloroform
Concen: 0.786 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016096.D
Acq: 07 May 2020 16:04

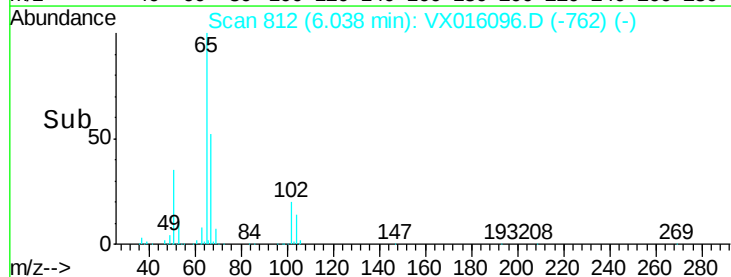
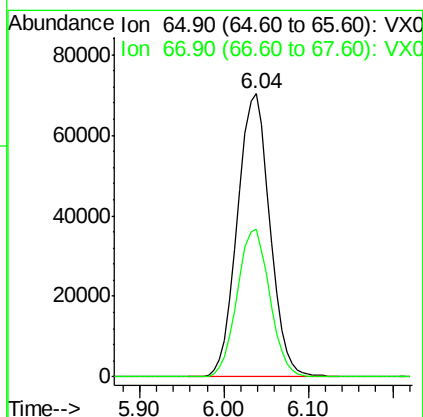
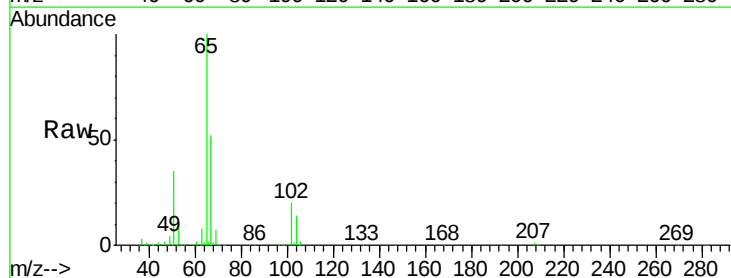
Instrument :
MSVOA_X
ClientSampleId :
Z4-EFF-200430

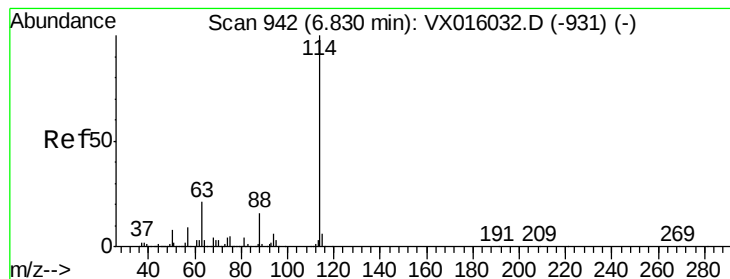
Tot Ion: 83 Resp: 4695
Ion Ratio Lower Upper
83 100
85 67.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 46.838 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016096.D
Acq: 07 May 2020 16:04

Tgt Ion: 65 Resp: 183859
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

Z4-EFF-200430

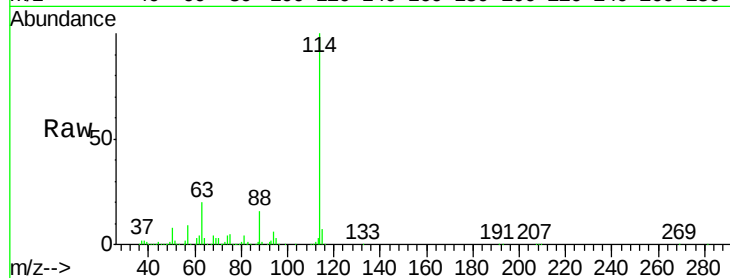
Tot Ion:114 Resp: 488014

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

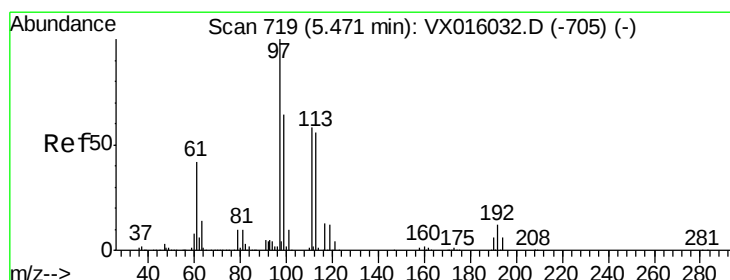
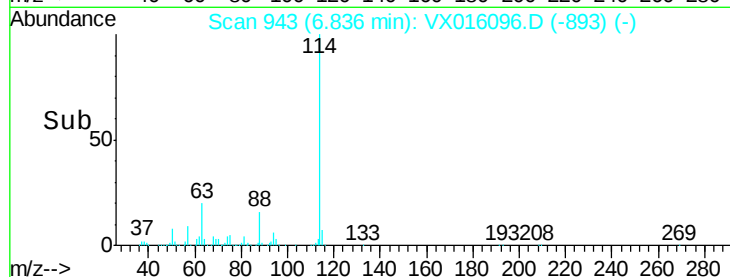
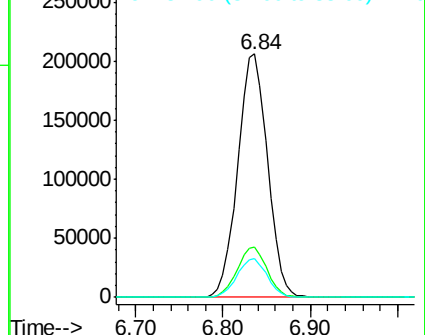
88 16.0 0.0 31.4



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: 46.781 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

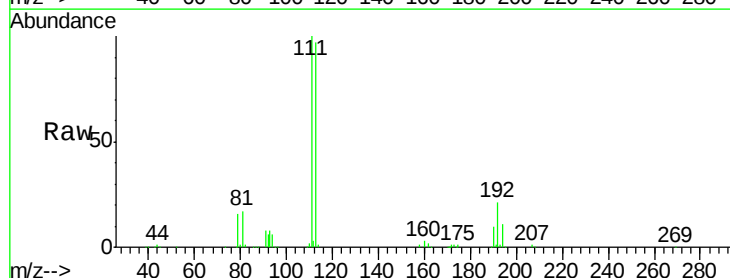
Tgt Ion:113 Resp: 144636

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

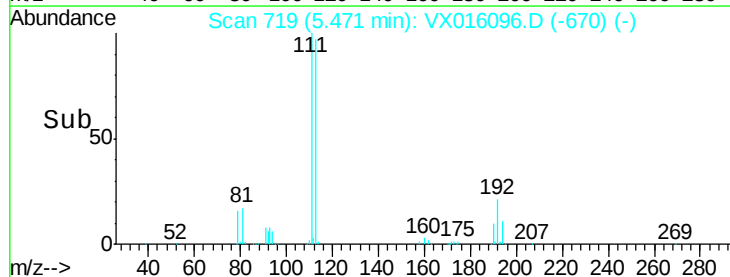
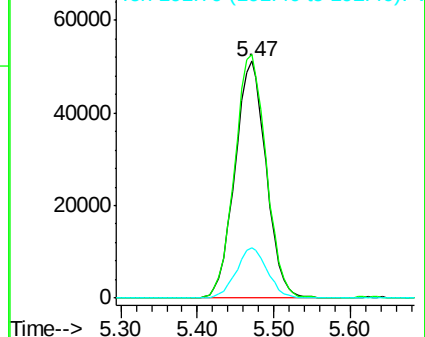
192 21.1 17.0 25.4

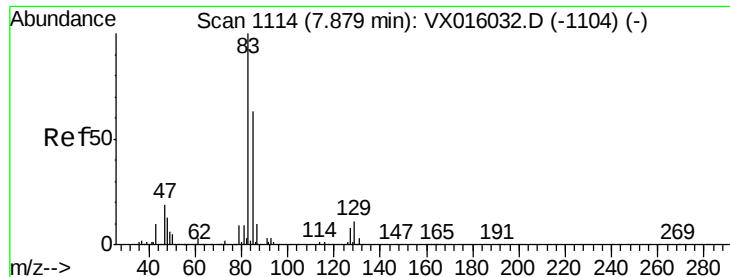


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 1.445 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

Z4-EFF-200430

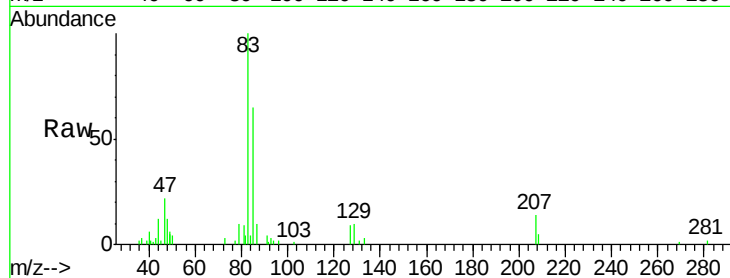
Tot Ion: 83 Resp: 7113

Ion Ratio Lower Upper

83 100

85 65.3 50.5 75.7

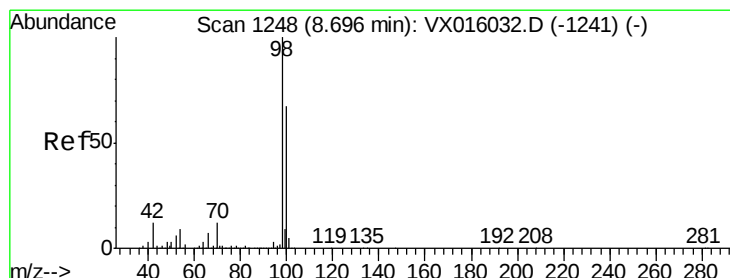
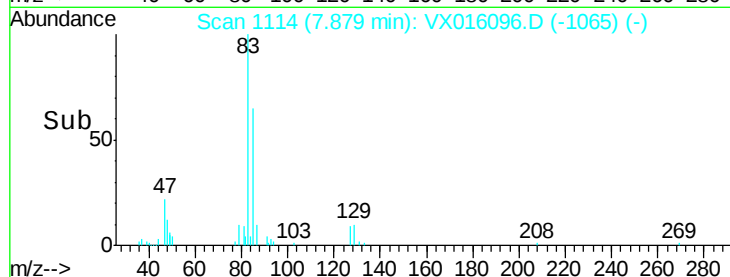
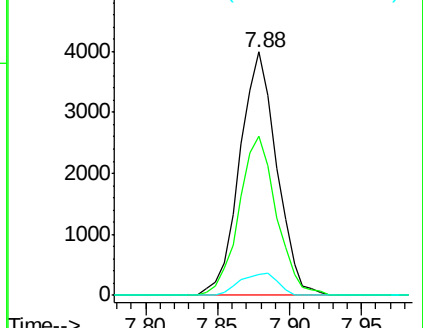
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 50.034 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016096.D

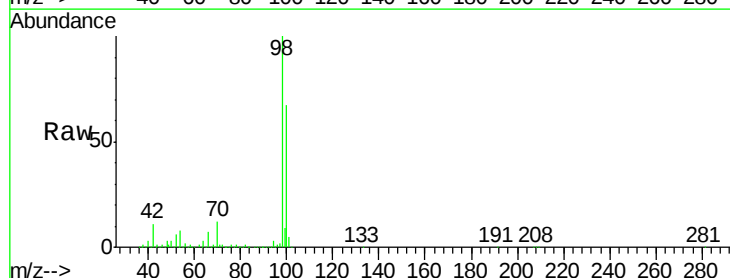
Acq: 07 May 2020 16:04

Tgt Ion: 98 Resp: 596044

Ion Ratio Lower Upper

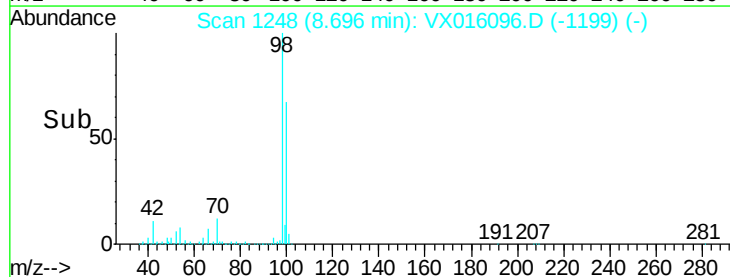
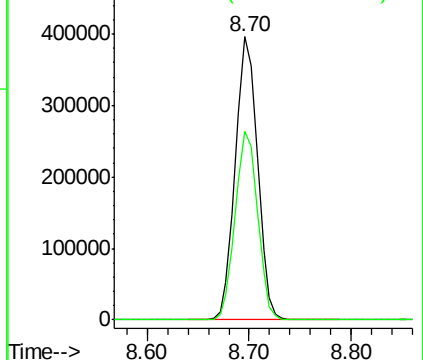
98 100

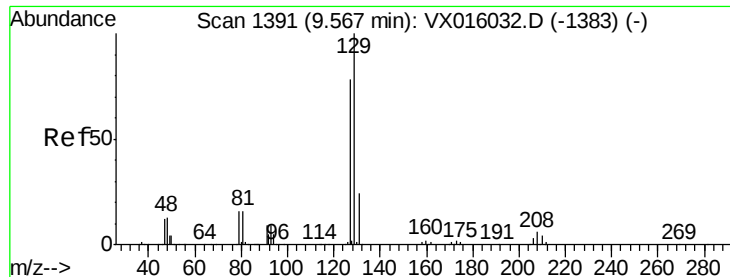
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 2.633 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

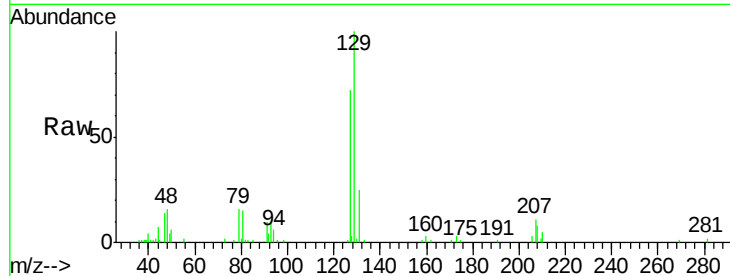
Z4-EFF-200430

Tot Ion:129 Resp: 9994

Ion Ratio Lower Upper

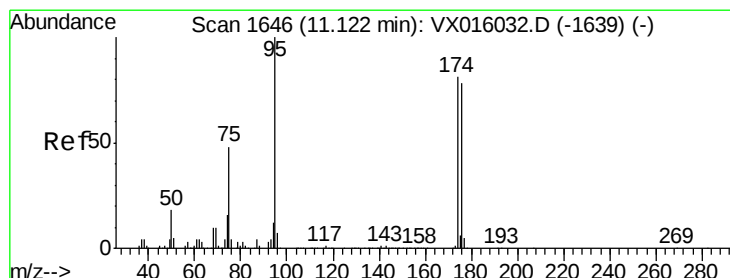
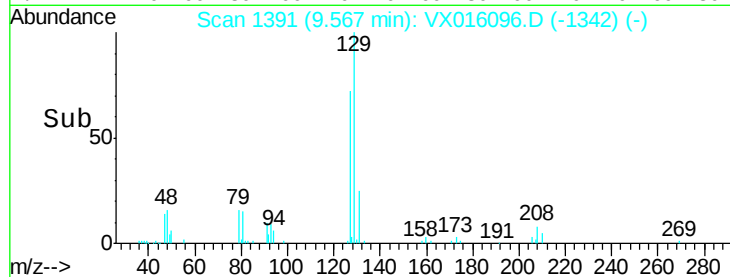
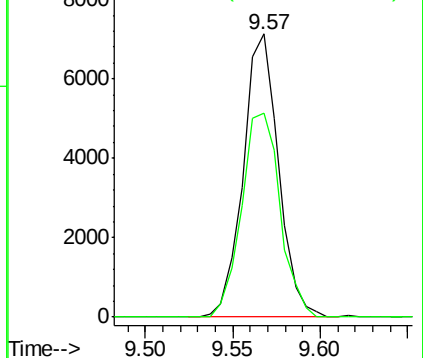
129 100

127 78.6 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 53.352 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

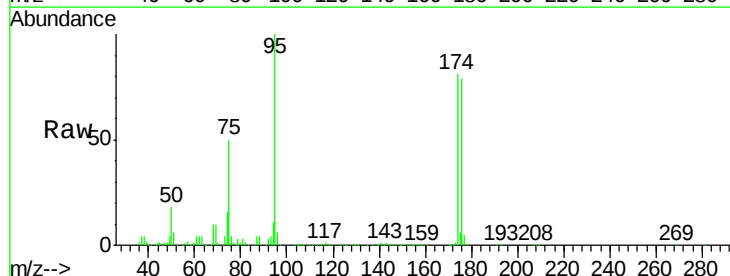
Tgt Ion: 95 Resp: 241742

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.4

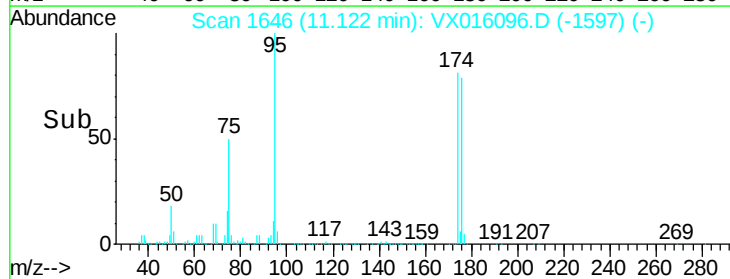
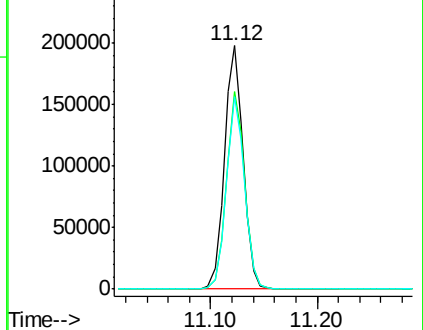
176 77.2 0.0 157.6

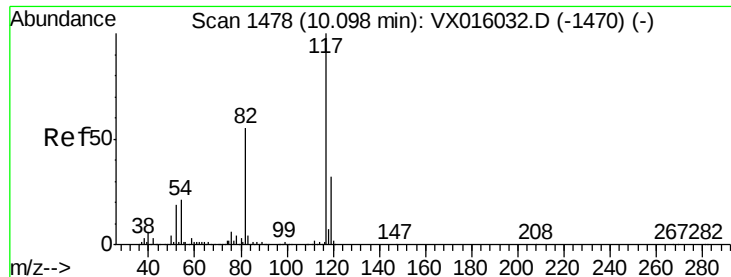


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

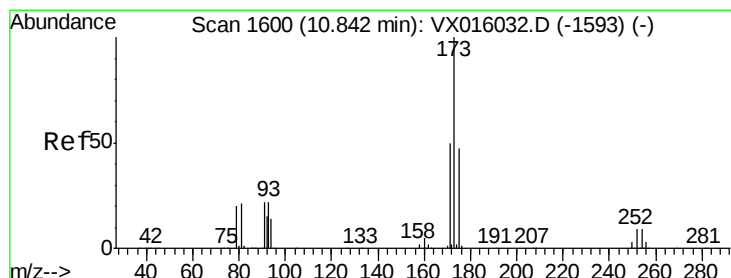
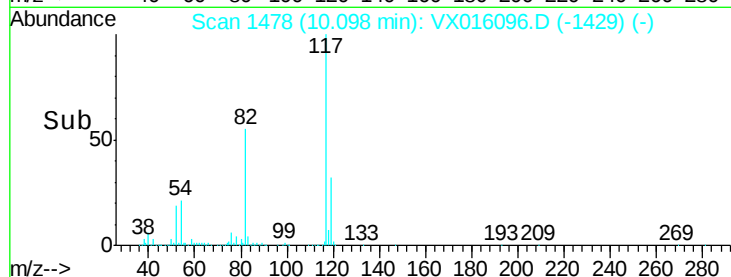
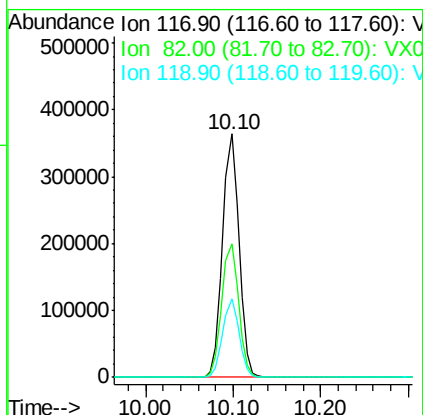
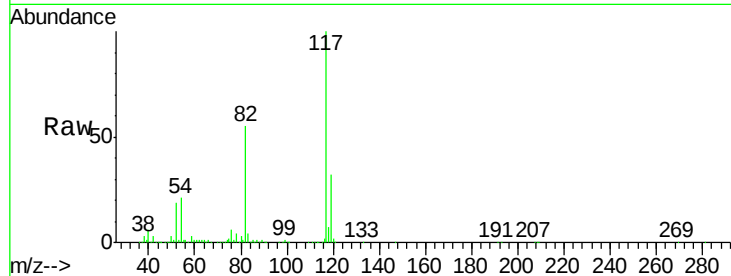




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016096.D
Acq: 07 May 2020 16:04

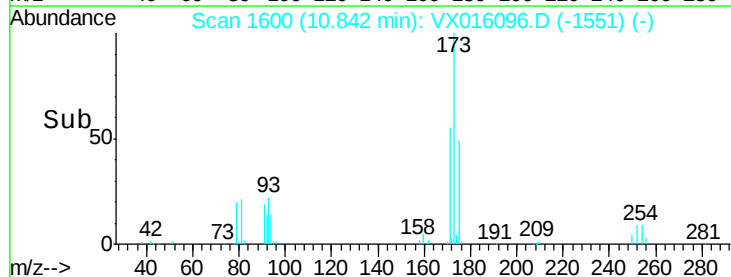
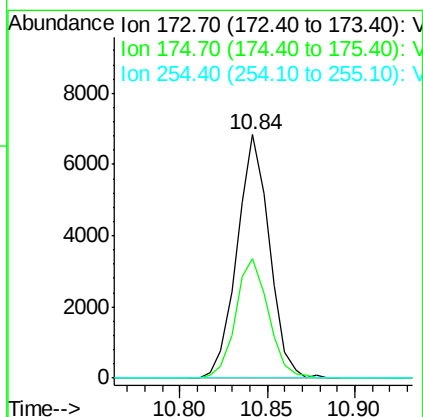
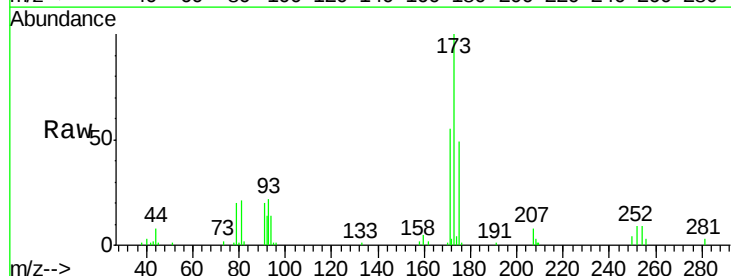
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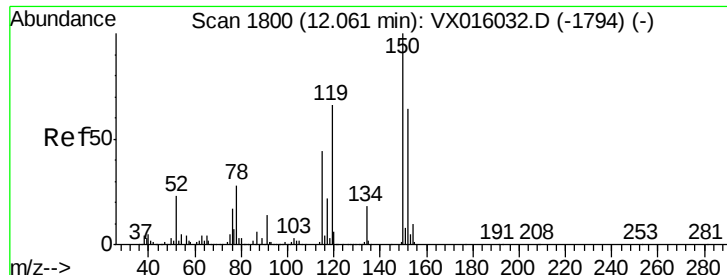
Tot Ion:117 Resp: 474955
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.2 25.5 38.3



#71
Bromoform
Concen: 2.924 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016096.D
Acq: 07 May 2020 16:04

Tgt Ion:173 Resp: 8758
Ion Ratio Lower Upper
173 100
175 49.9 24.0 72.0
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016096.D

Acq: 07 May 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

Z4-EFF-200430

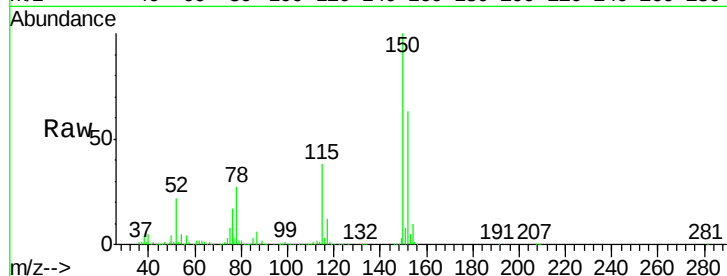
Tot Ion:152 Resp: 247763

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 155.9 0.0 352.2



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

