

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016095.D
 Acq On : 07 May 2020 15:41
 Operator : JC/SP
 Sample : L2550-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-S1EFF-200430

Quant Time: May 08 04:04:00 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

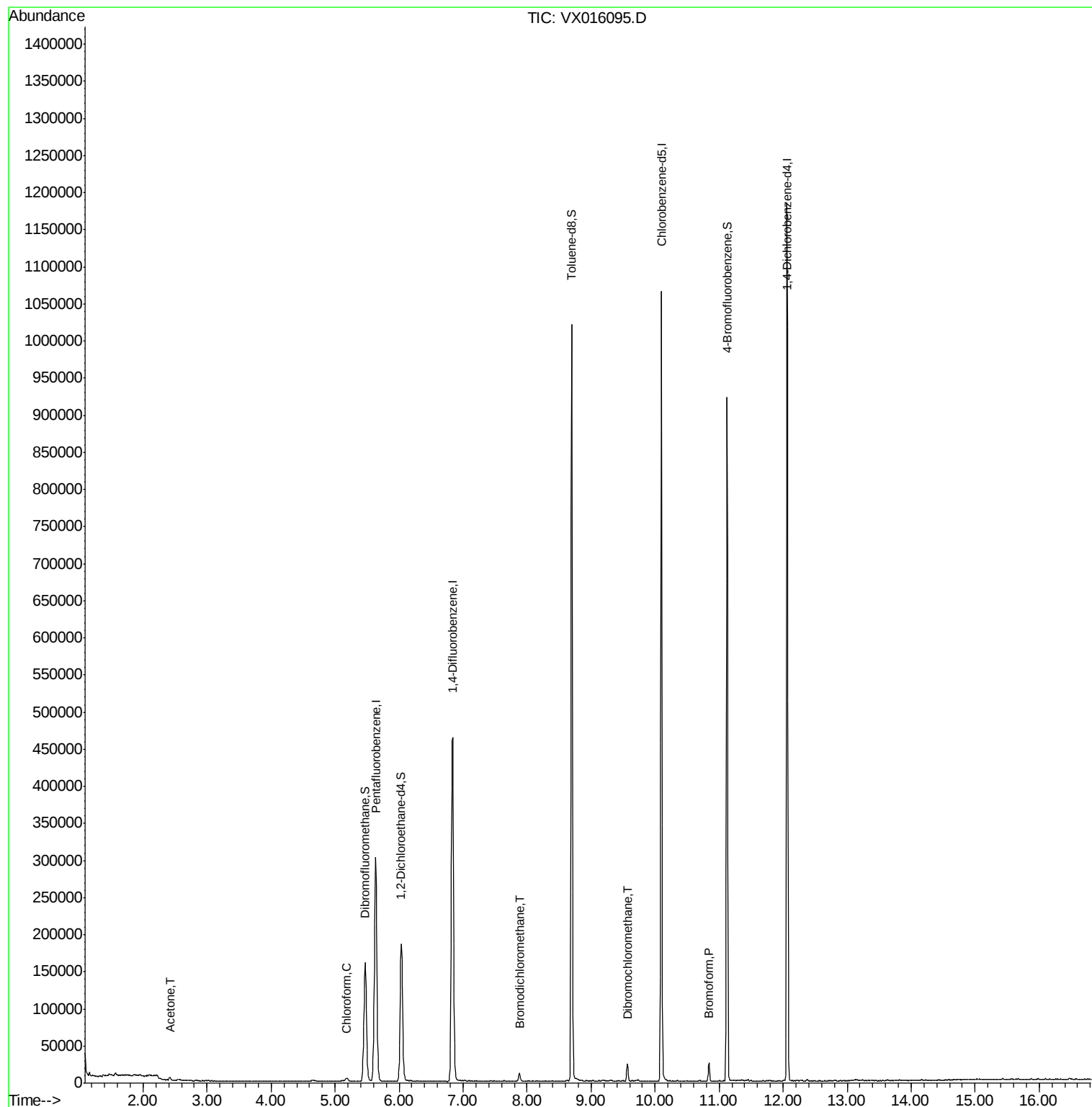
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	293185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	477119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	470729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178229	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
35) Dibromofluoromethane	5.47	113	140047	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
50) Toluene-d8	8.70	98	590677	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	233067	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
Target Compounds						
16) Acetone	2.42	43	4267	2.479	ug/l #	88
30) Chloroform	5.18	83	4763	0.811	ug/l	97
47) Bromodichloromethane	7.88	83	7264	1.509	ug/l	97
60) Dibromochloromethane	9.57	129	10070	2.713	ug/l	99
71) Bromoform	10.84	173	8788	2.961	ug/l #	95

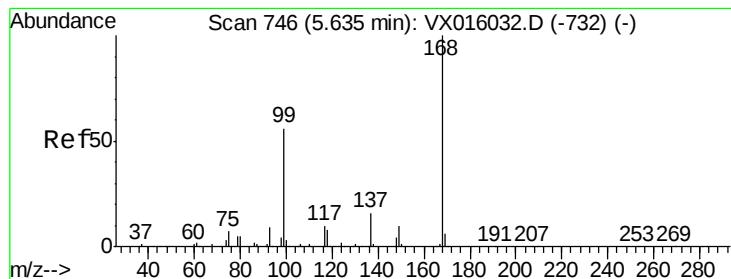
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016095.D

Acq: 07 May 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

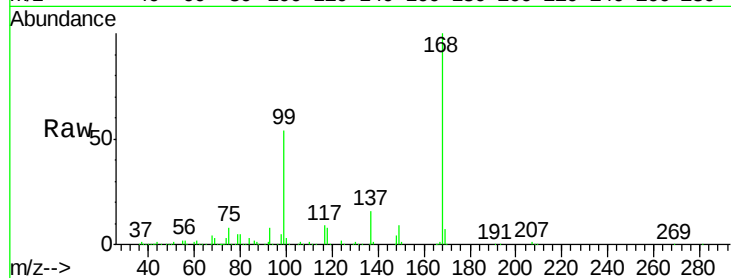
Z5-S1EFF-200430

Tot Ion:168 Resp: 293185

Ion Ratio Lower Upper

168 100

99 54.2 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

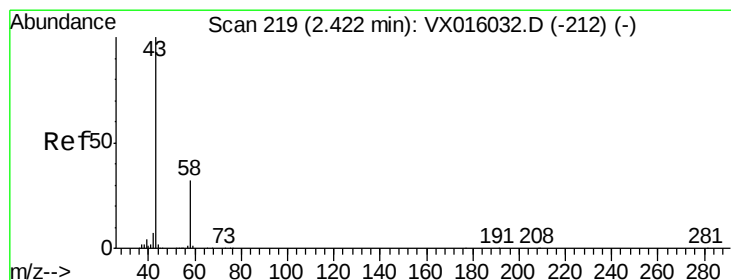
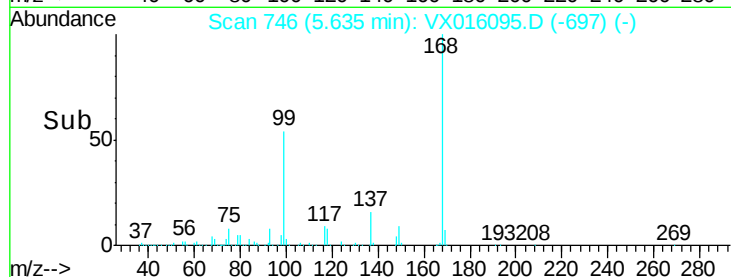
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.479 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016095.D

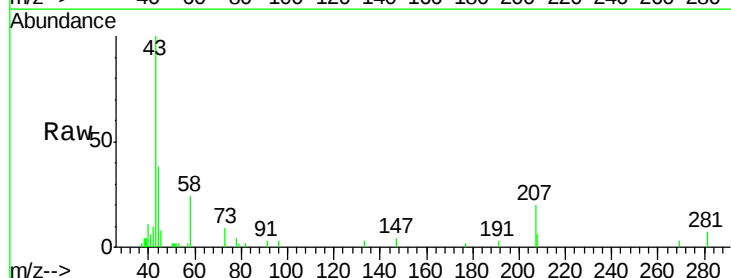
Acq: 07 May 2020 15:41

Tgt Ion: 43 Resp: 4267

Ion Ratio Lower Upper

43 100

58 24.9 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

3000

2500

2000

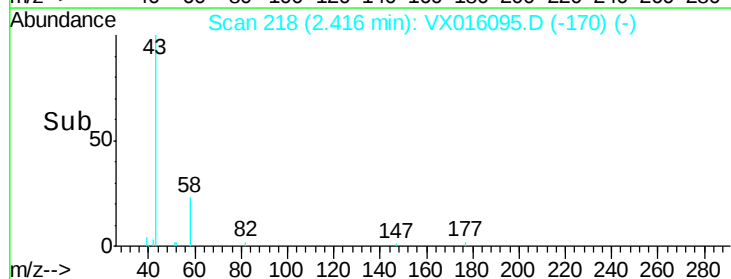
1500

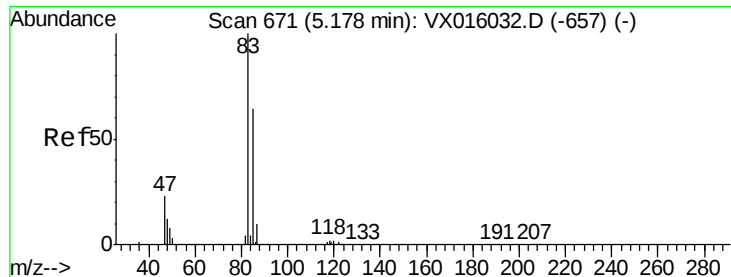
1000

500

0

Time-->

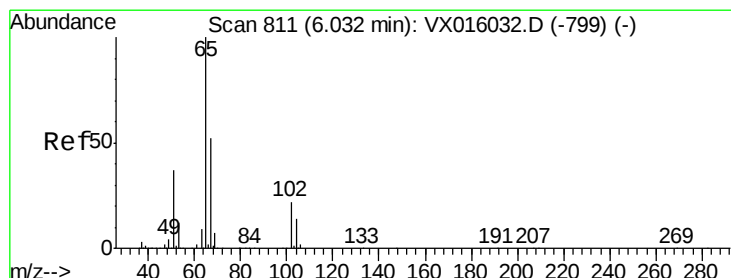
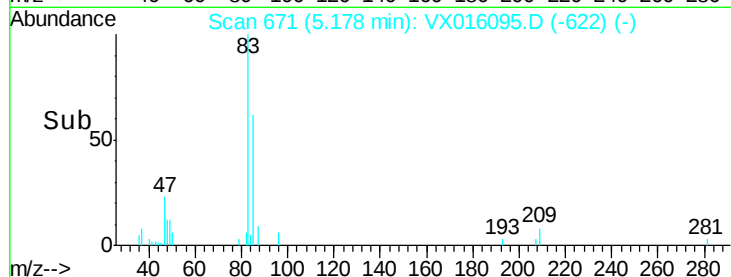
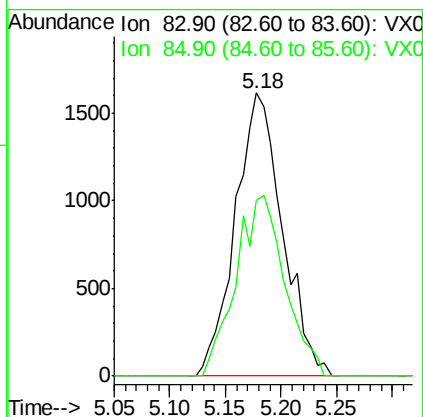
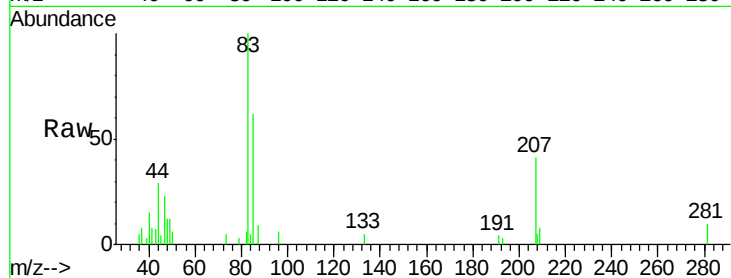




#30
Chloroform
Concen: 0.811 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016095.D
Acq: 07 May 2020 15:41

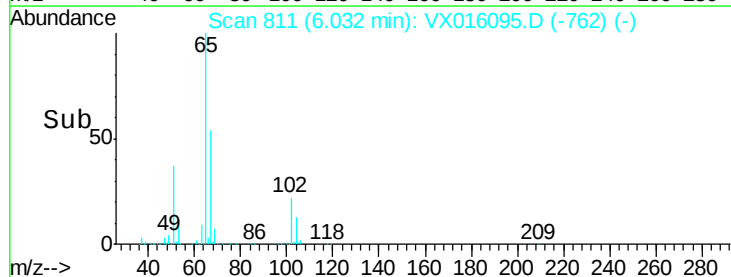
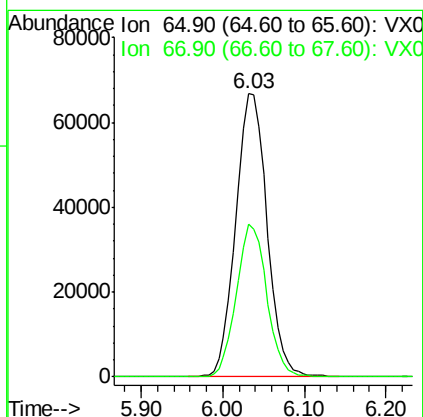
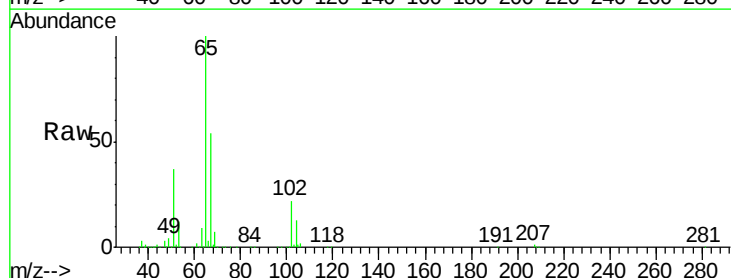
Instrument :
MSVOA_X
ClientSampleId :
Z5-S1EFF-200430

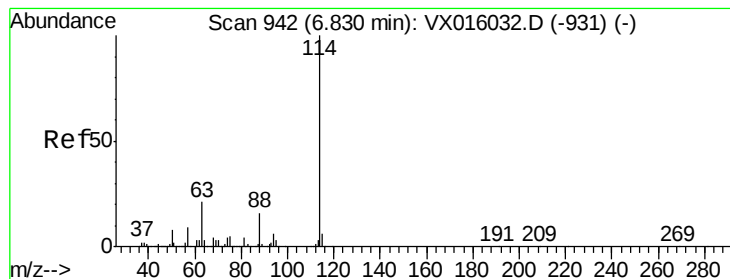
Tot Ion: 83 Resp: 4763
Ion Ratio Lower Upper
83 100
85 62.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 46.197 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016095.D
Acq: 07 May 2020 15:41

Tgt Ion: 65 Resp: 178229
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: VX016095.D

Acq: 07 May 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1EFF-200430

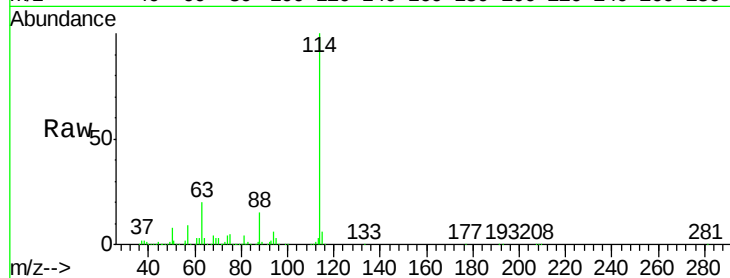
Tot Ion:114 Resp: 477119

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 15.4 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

250000

200000

150000

100000

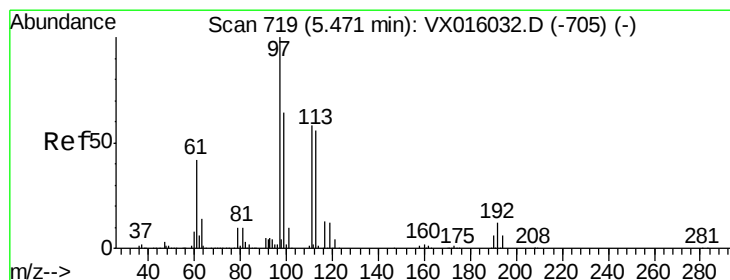
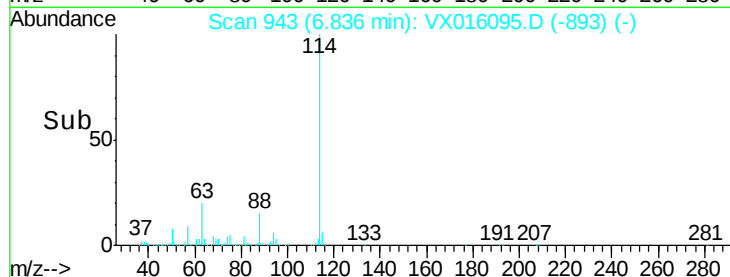
50000

0

6.84

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.331 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016095.D

Acq: 07 May 2020 15:41

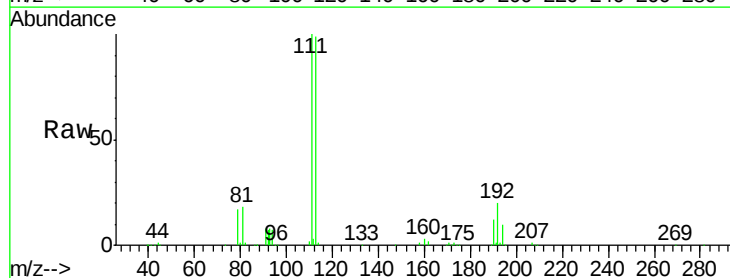
Tgt Ion:113 Resp: 140047

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

192 20.9 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

60000

40000

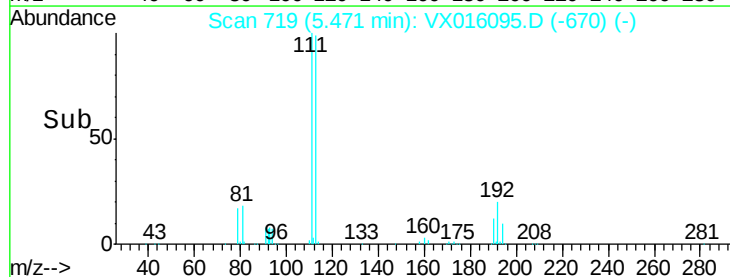
20000

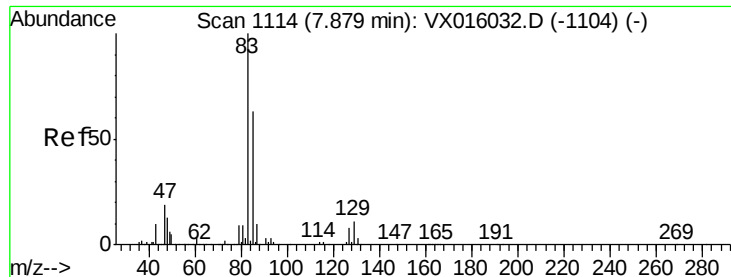
0

5.47

5.40 5.50 5.60

Time-->





#47

Bromodichloromethane

Concen: 1.509 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016095.D

Acq: 07 May 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1EFF-200430

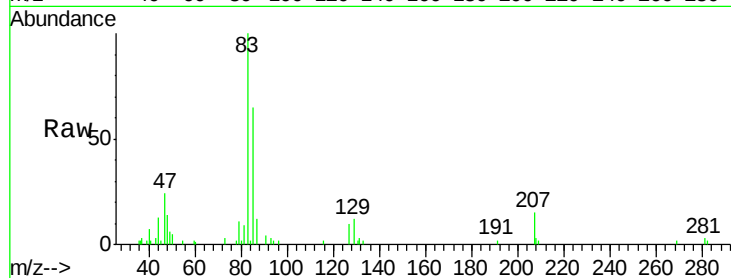
Tot Ion: 83 Resp: 7264

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

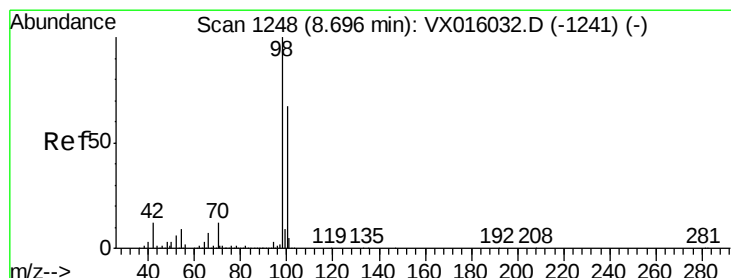
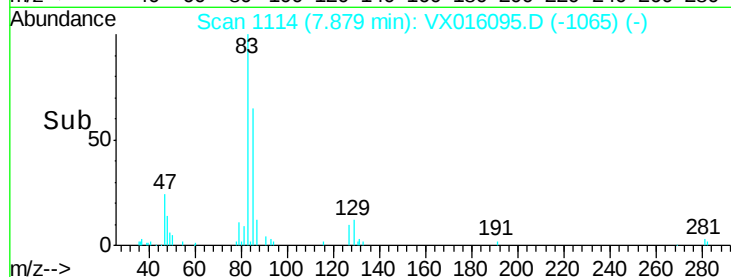
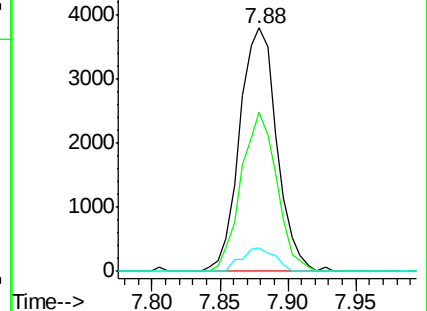
127 9.7 6.7 10.1



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: 50.716 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016095.D

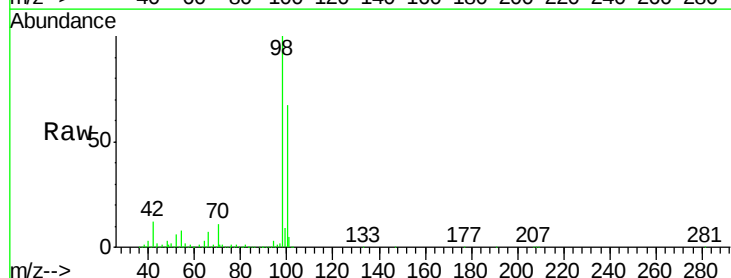
Acq: 07 May 2020 15:41

Tgt Ion: 98 Resp: 590677

Ion Ratio Lower Upper

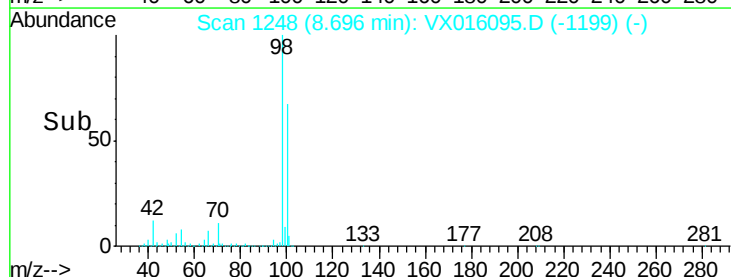
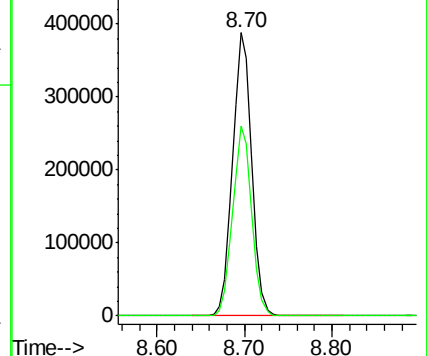
98 100

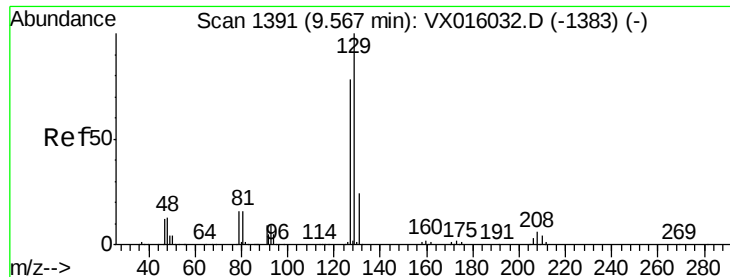
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

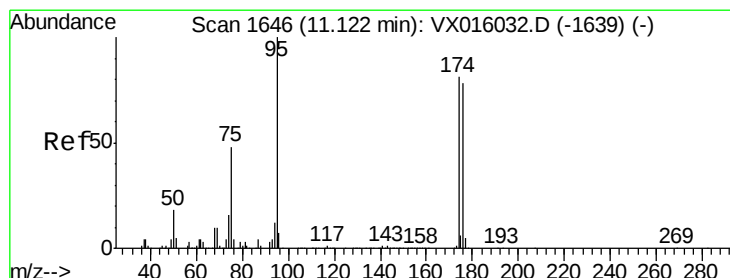
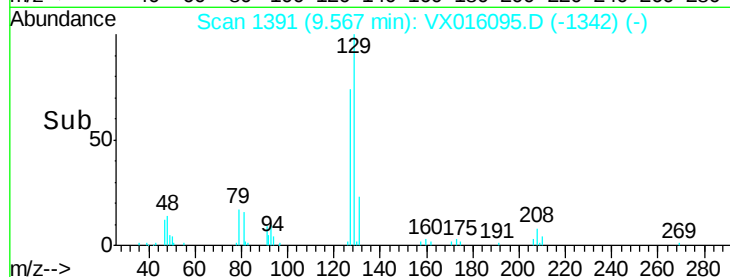
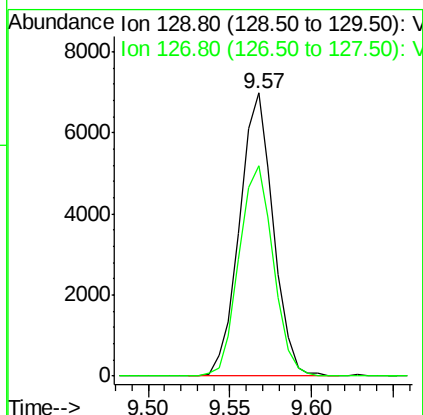
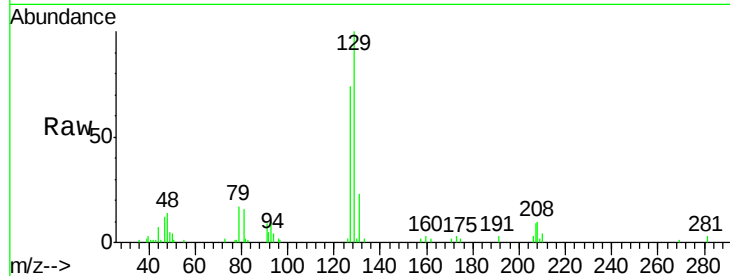




#60
 Dibromochloromethane
 Concen: 2.713 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX016095.D
 Acq: 07 May 2020 15:41

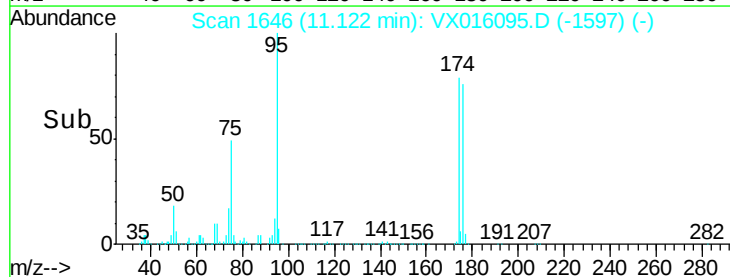
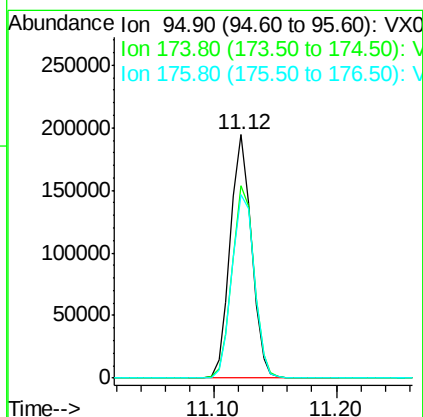
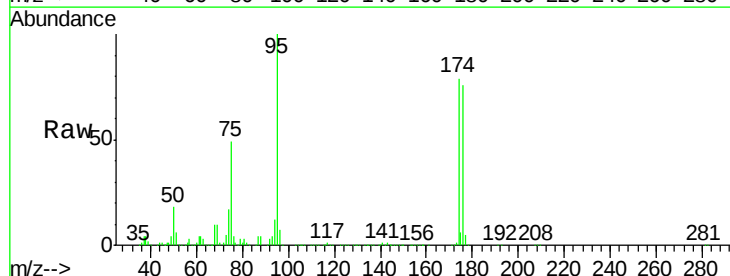
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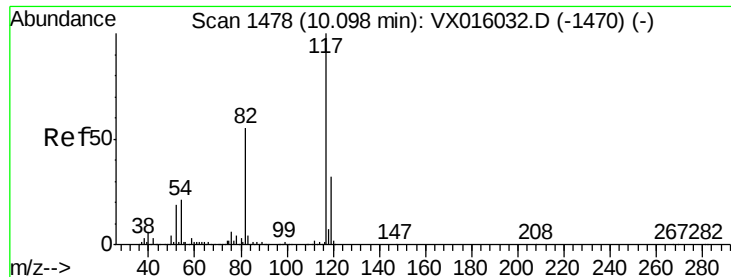
Tot Ion:129 Resp: 10070
 Ion Ratio Lower Upper
 129 100
 127 75.5 38.4 115.2



#62
 4-Bromofluorobenzene
 Concen: 52.612 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016095.D
 Acq: 07 May 2020 15:41

Tgt Ion: 95 Resp: 233067
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 159.4
 176 79.6 0.0 157.6

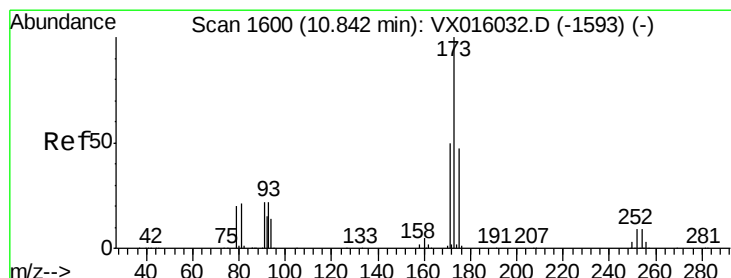
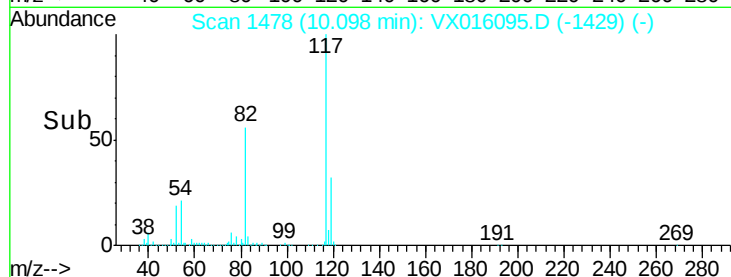
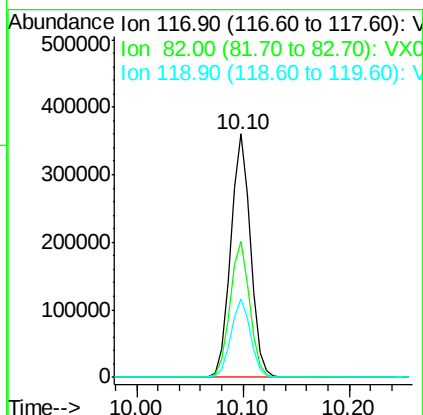
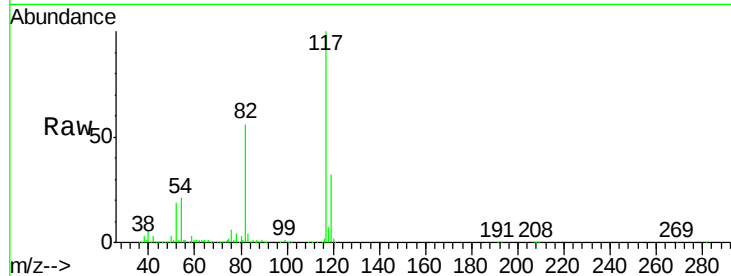




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016095.D
Acq: 07 May 2020 15:41

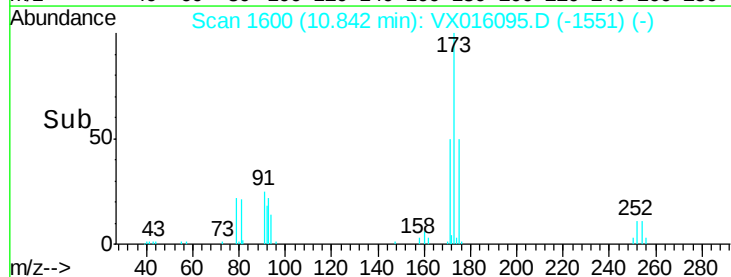
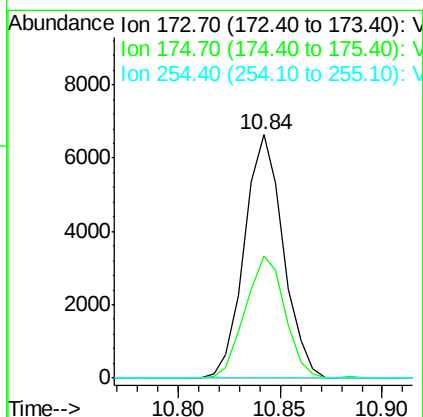
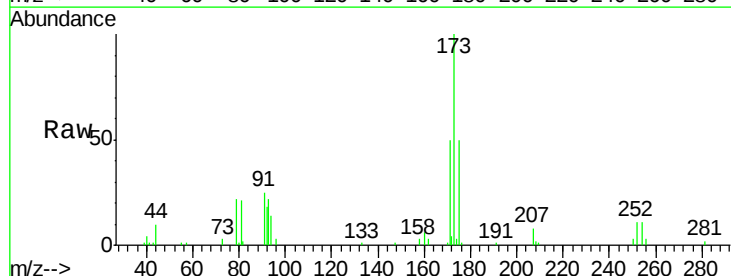
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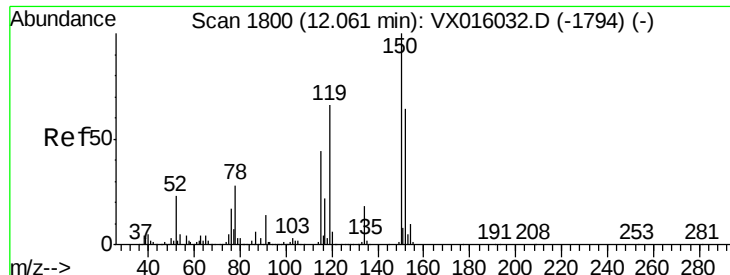
Tot Ion:117 Resp: 470729
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.3 25.5 38.3



#71
Bromoform
Concen: 2.961 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016095.D
Acq: 07 May 2020 15:41

Tgt Ion:173 Resp: 8788
Ion Ratio Lower Upper
173 100
175 51.2 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: VX016095.D

Acq: 07 May 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1EFF-200430

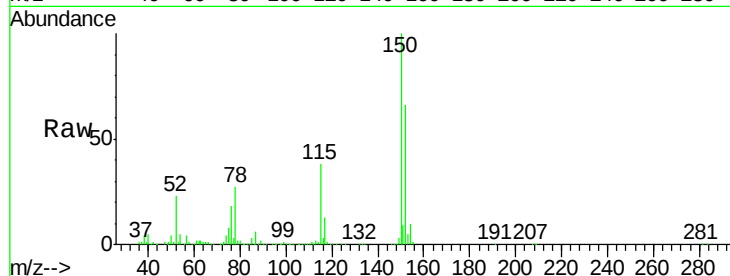
Tot Ion:152 Resp: 241462

Ion Ratio Lower Upper

152 100

115 58.3 41.3 124.1

150 155.7 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

