

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016490.D
 Acq On : 28 May 2020 17:03
 Operator : JC/SP
 Sample : L2778-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0561-200526

Quant Time: May 29 04:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

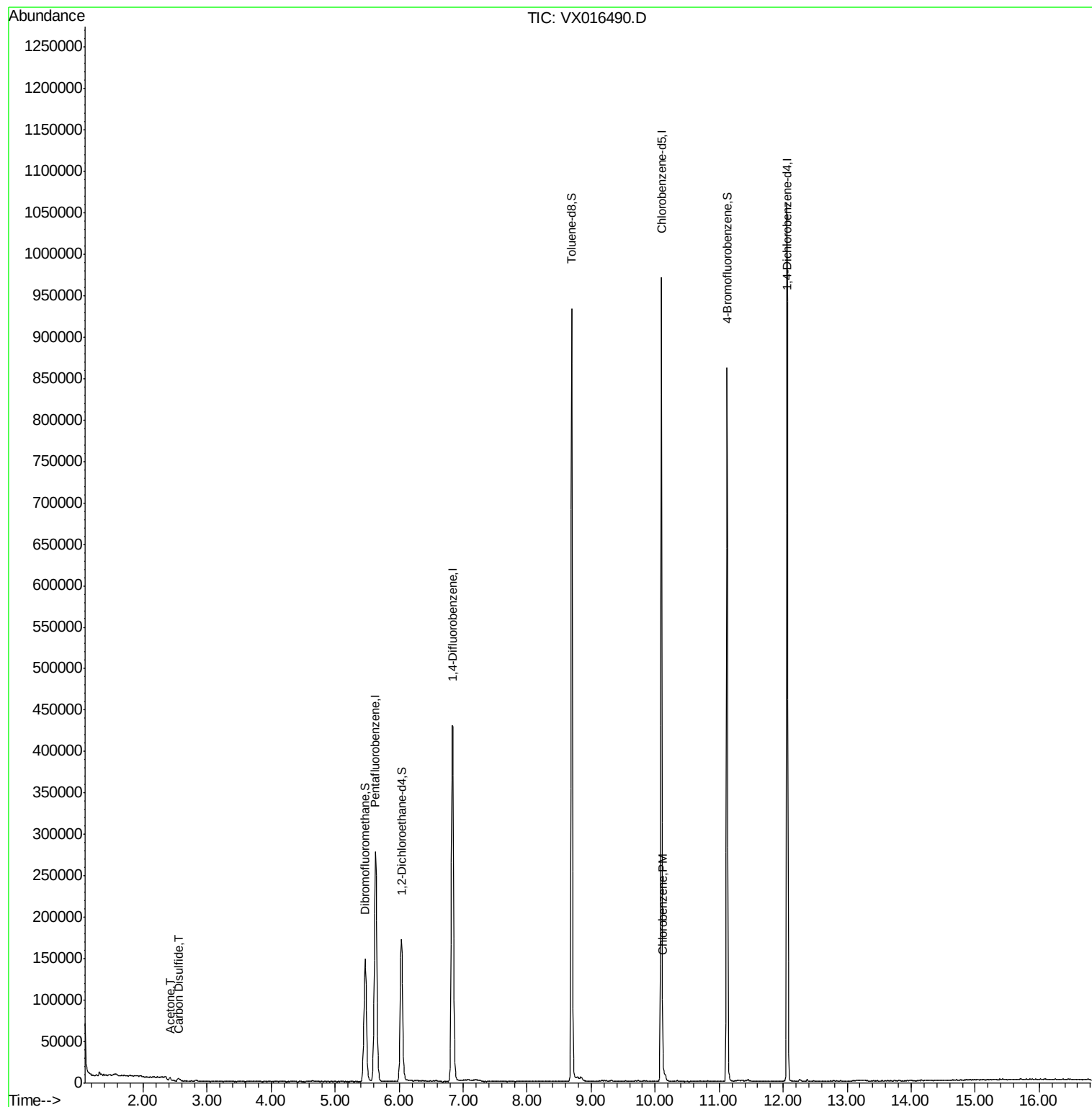
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	272957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	447632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	166192	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.47	113	128806	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	8.70	98	548519	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.12	95	226704	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
Target Compounds						
16) Acetone	2.42	43	3936	2.650	ug/l	95
17) Carbon Disulfide	2.55	76	3933	0.504	ug/l #	78
65) Chlorobenzene	10.12	112	3086	0.338	ug/l	92

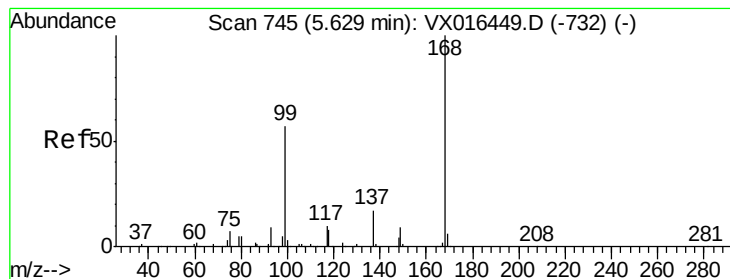
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

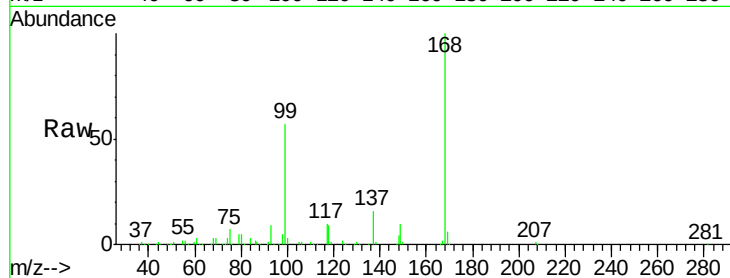
Z2-DUP-0561-200526

Tot Ion:168 Resp: 272957

Ion Ratio Lower Upper

168 100

99 56.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

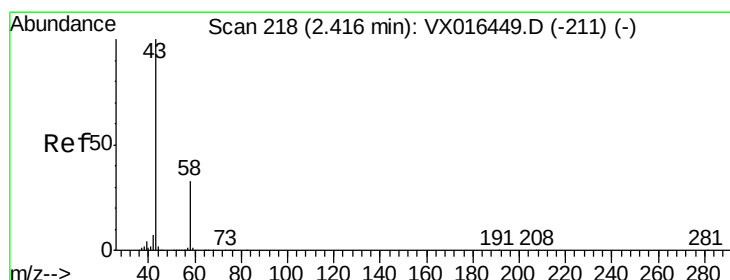
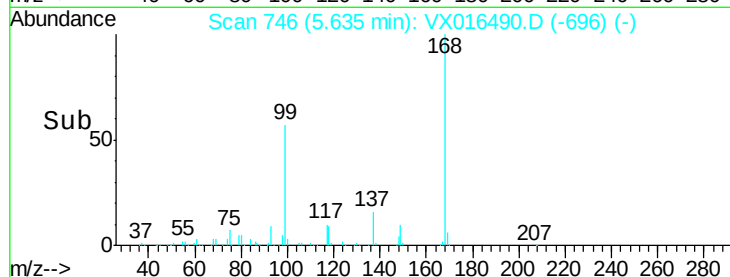
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.650 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016490.D

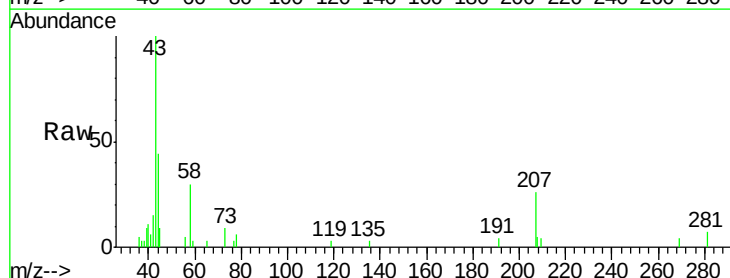
Acq: 28 May 2020 17:03

Tgt Ion: 43 Resp: 3936

Ion Ratio Lower Upper

43 100

58 29.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

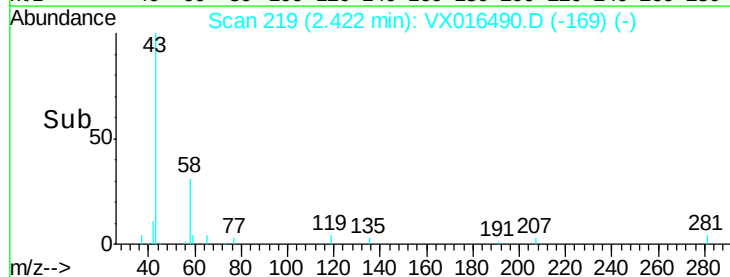
1500

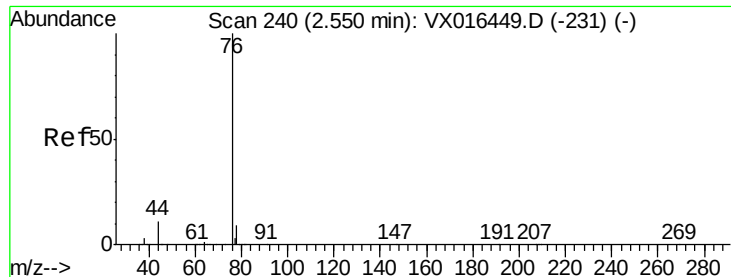
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 0.504 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

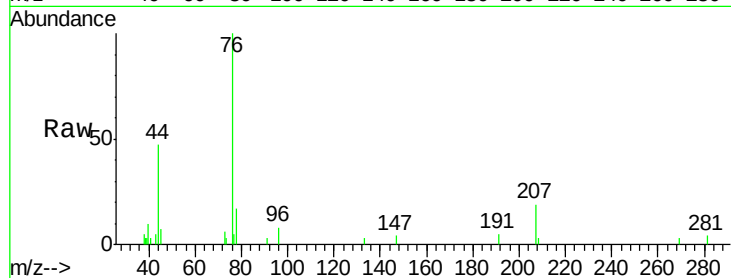
Z2-DUP-0561-200526

Tot Ion: 76 Resp: 3933

Ion Ratio Lower Upper

76 100

78 17.2 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

2500

2000

1500

1000

500

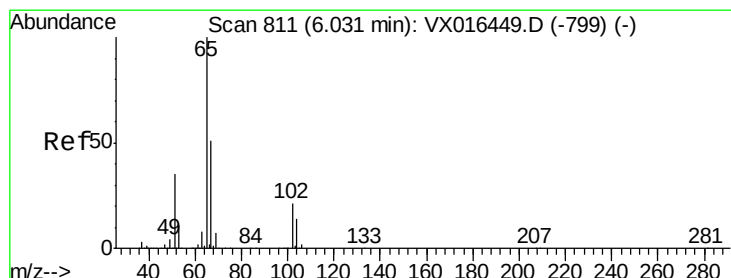
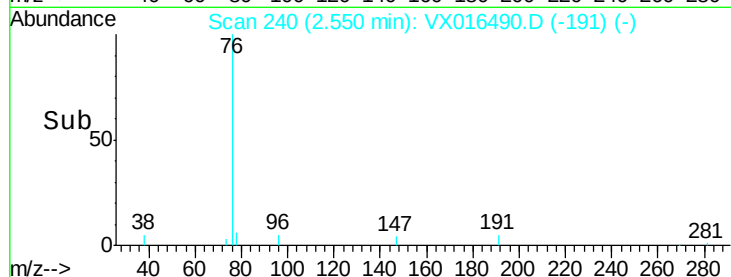
0

Time-->

2.50

2.55

2.60



#33

1,2-Dichloroethane-d4

Concen: 49.027 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016490.D

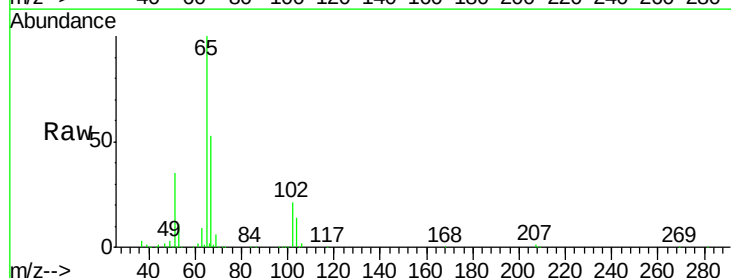
Acq: 28 May 2020 17:03

Tgt Ion: 65 Resp: 166192

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

60000

40000

20000

0

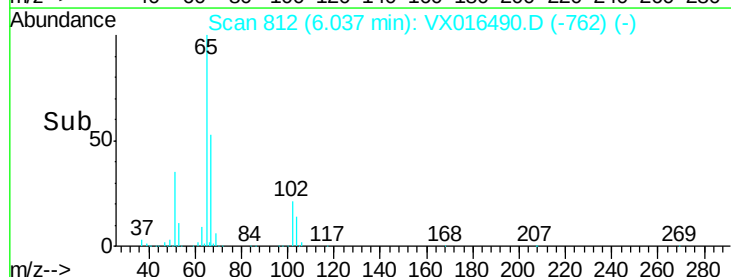
Time-->

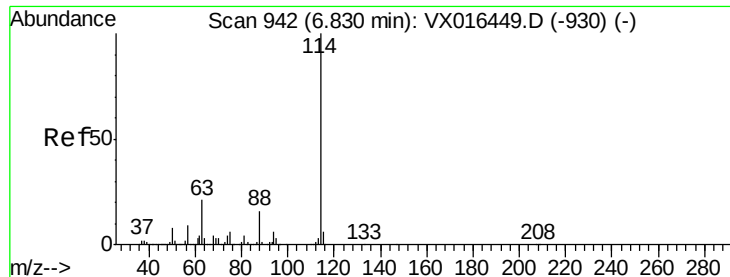
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0561-200526

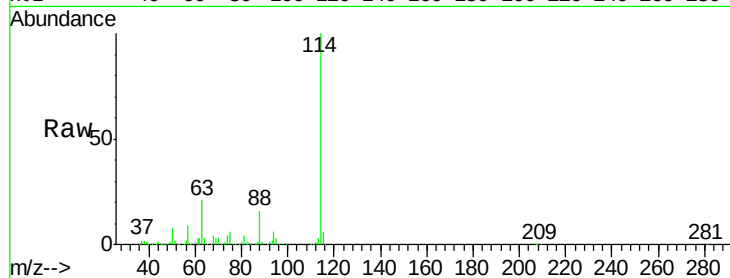
Tot Ion:114 Resp: 447632

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

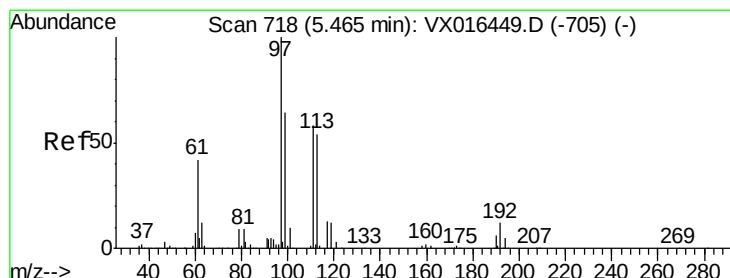
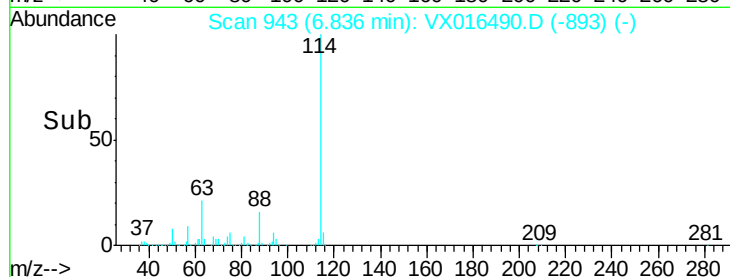
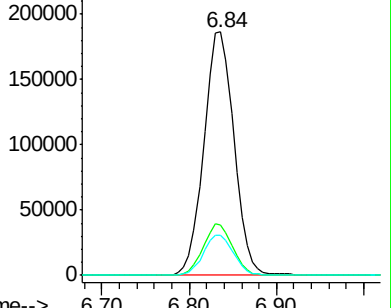
88 16.5 0.0 32.8



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: 46.732 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

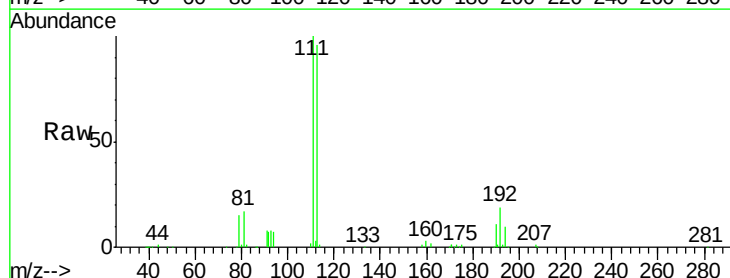
Tgt Ion:113 Resp: 128806

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

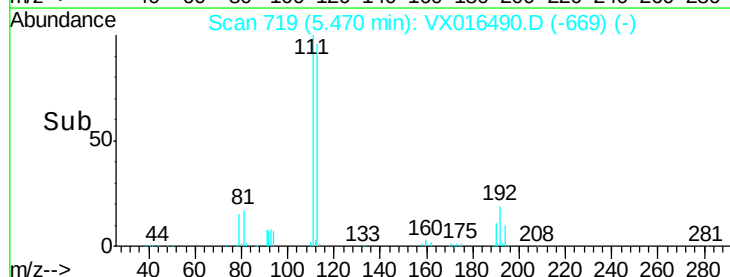
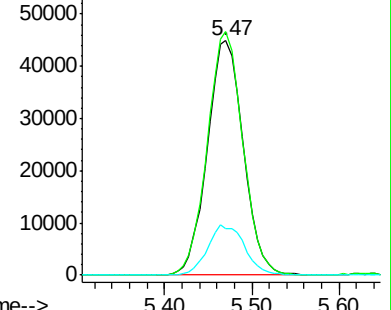
192 22.0 17.7 26.5

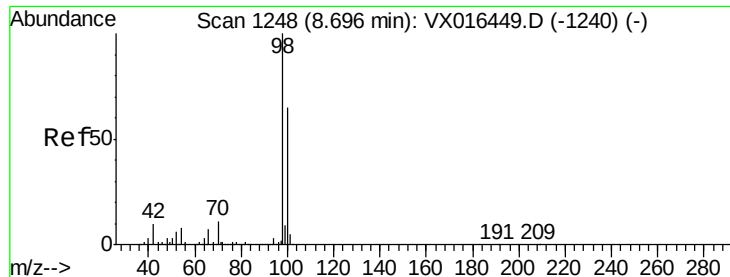


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.130 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

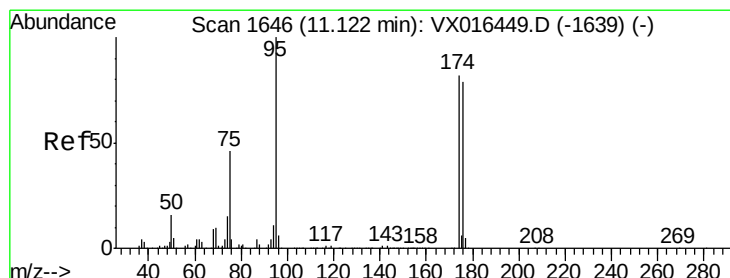
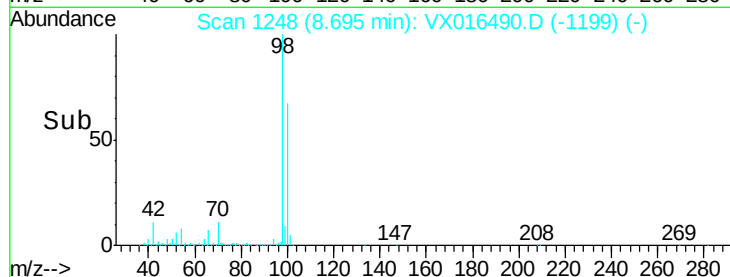
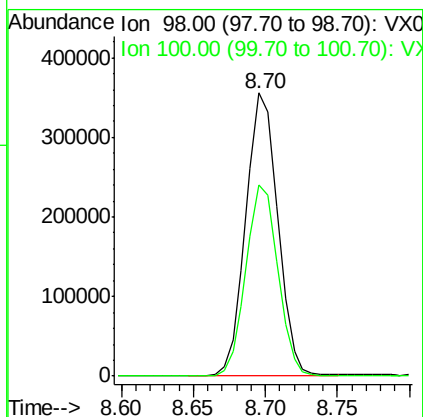
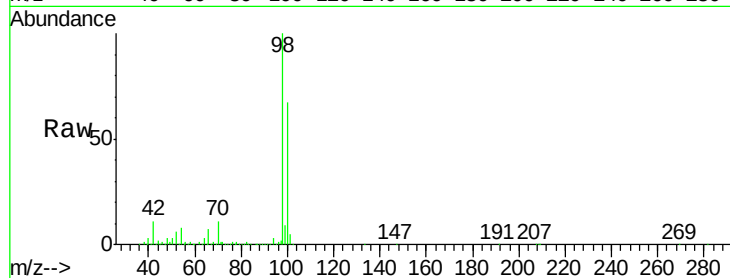
Z2-DUP-0561-200526

Tot Ion: 98 Resp: 548519

Ion Ratio Lower Upper

98 100

100 67.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.690 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

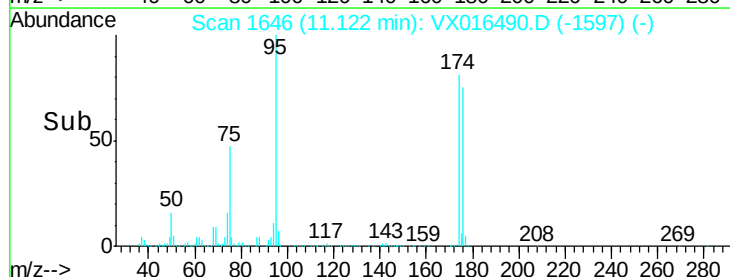
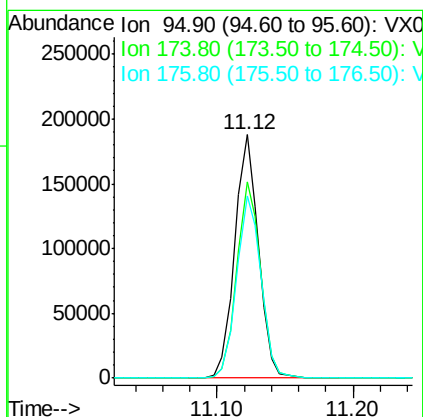
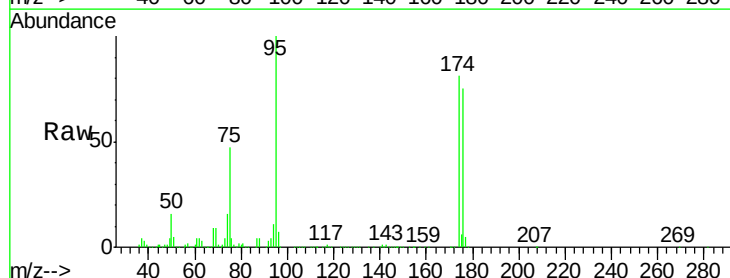
Tgt Ion: 95 Resp: 226704

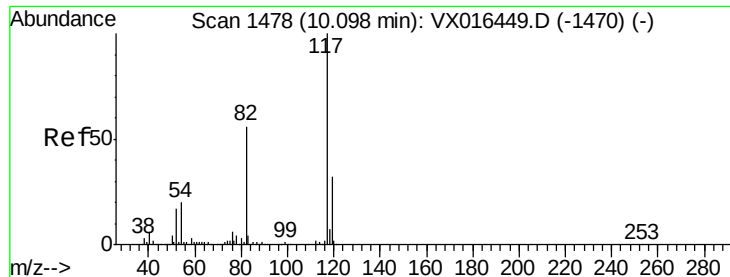
Ion Ratio Lower Upper

95 100

174 81.4 0.0 163.0

176 77.7 0.0 156.8

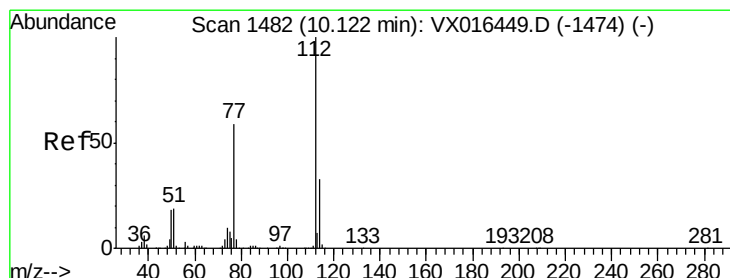
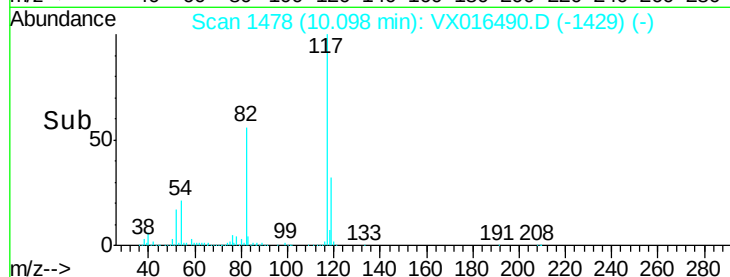
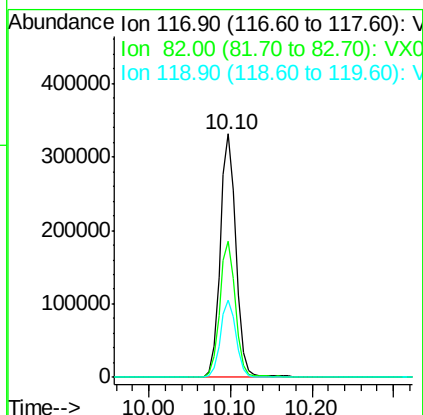
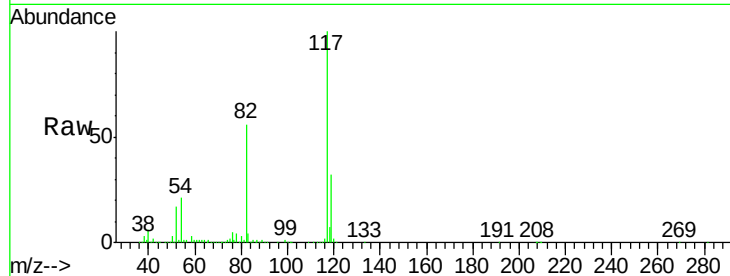




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016490.D
Acq: 28 May 2020 17:03

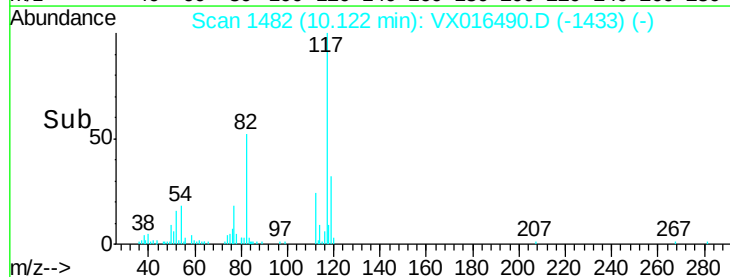
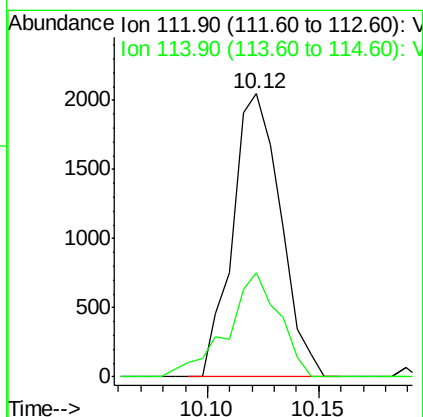
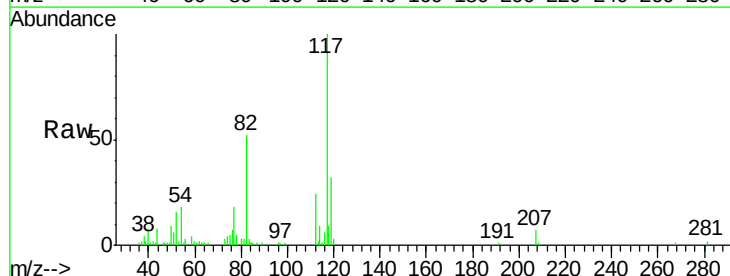
Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0561-200526

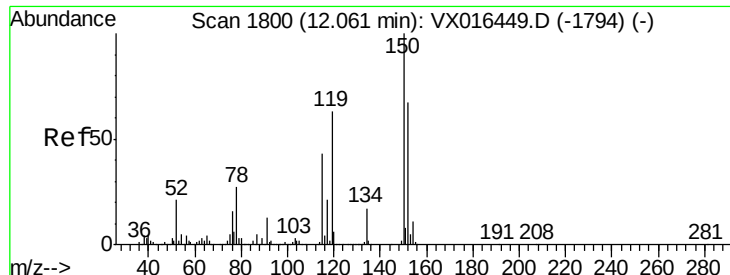
Tot Ion:117 Resp: 448483
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.6
119 31.9 25.8 38.8



#65
Chlorobenzene
Concen: 0.338 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016490.D
Acq: 28 May 2020 17:03

Tgt Ion:112 Resp: 3086
Ion Ratio Lower Upper
112 100
114 36.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016490.D

Acq: 28 May 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-DUP-0561-200526

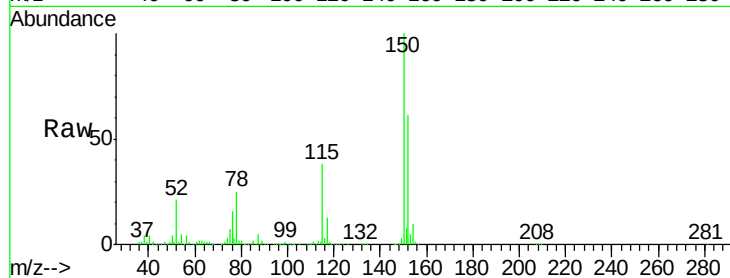
Tot Ion:152 Resp: 220313

Ion Ratio Lower Upper

152 100

115 59.7 39.9 119.6

150 158.1 0.0 341.0



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

