

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016496.D
 Acq On : 28 May 2020 19:19
 Operator : JC/SP
 Sample : L2777-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-TB4-200526

Quant Time: May 29 04:17:19 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	288921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	481628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	240037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174806	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.47	113	138814	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	8.70	98	592552	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	238915	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

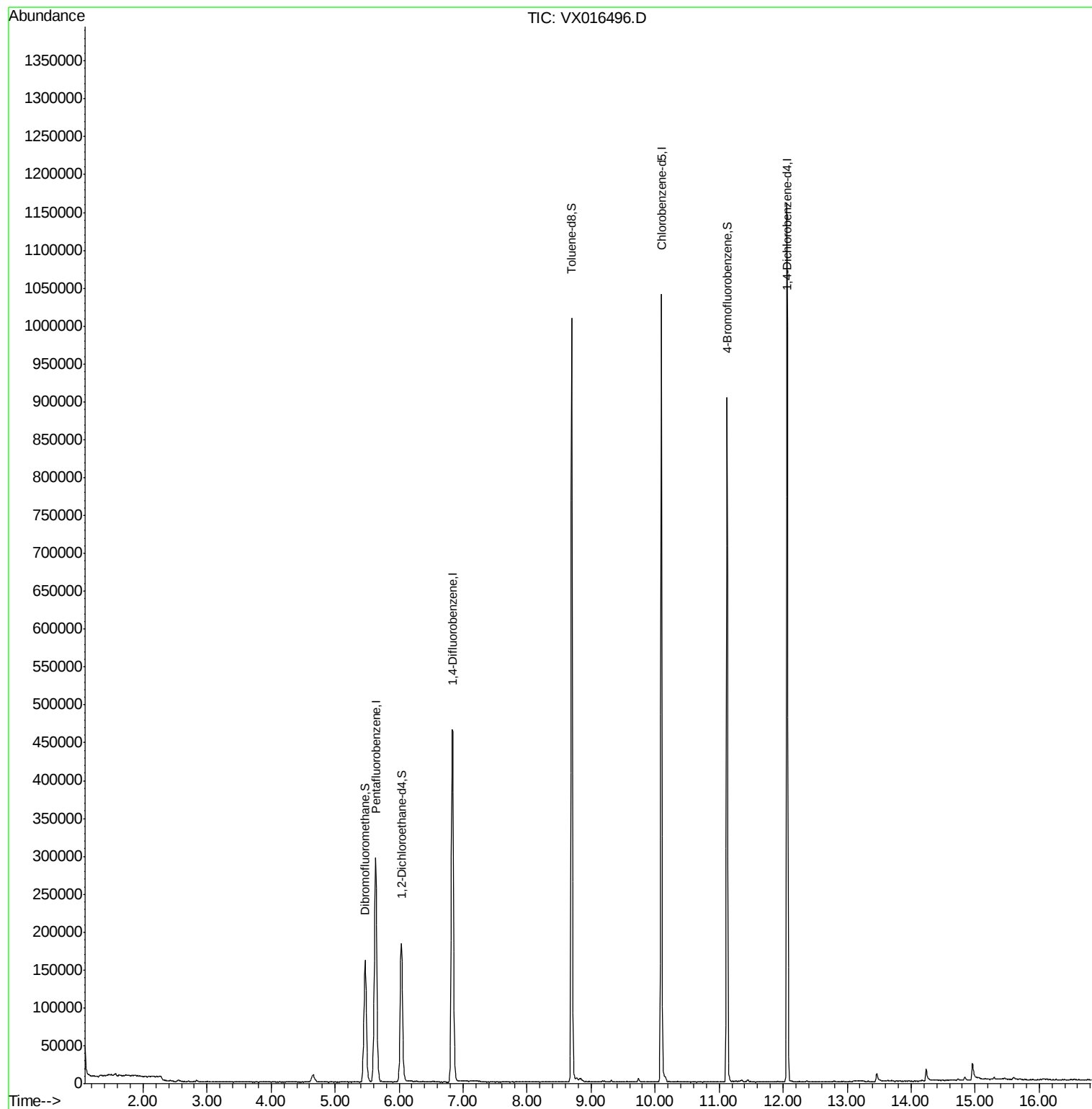
Target Compounds	Qvalue

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

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MSVOA_X
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Z2-TB4-200526

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
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: VX016496.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

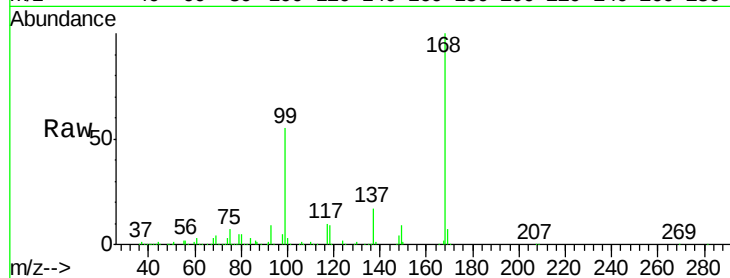
Z2-TB4-200526

Tot Ion:168 Resp: 288921

Ion Ratio Lower Upper

168 100

99 55.3 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

120000

100000

80000

60000

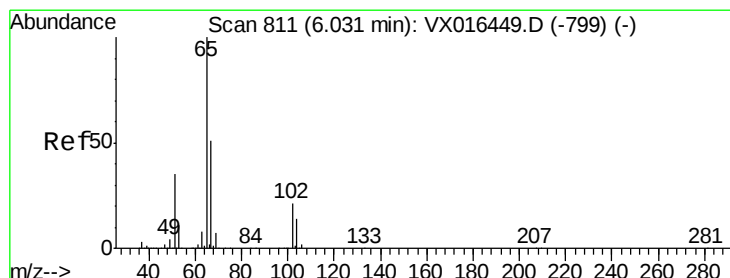
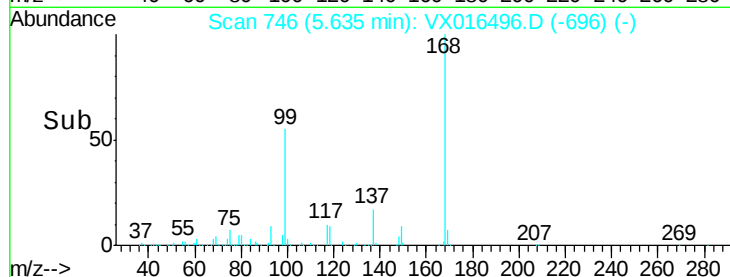
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.719 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016496.D

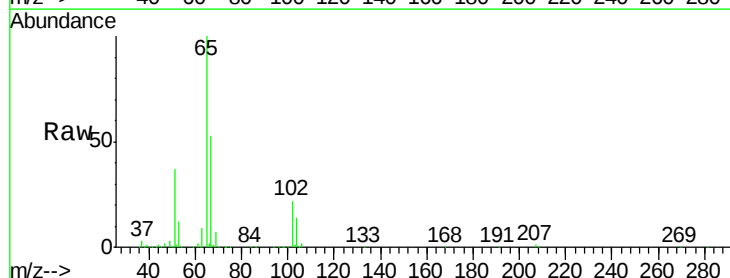
Acq: 28 May 2020 19:19

Tgt Ion: 65 Resp: 174806

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

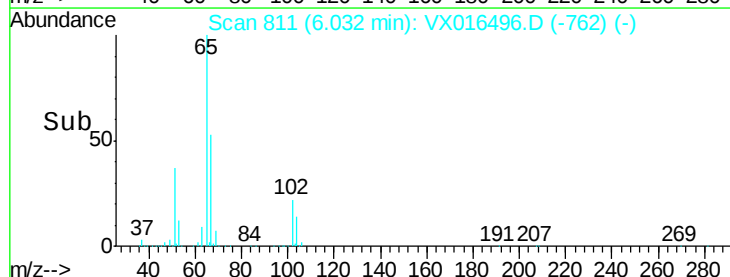
40000

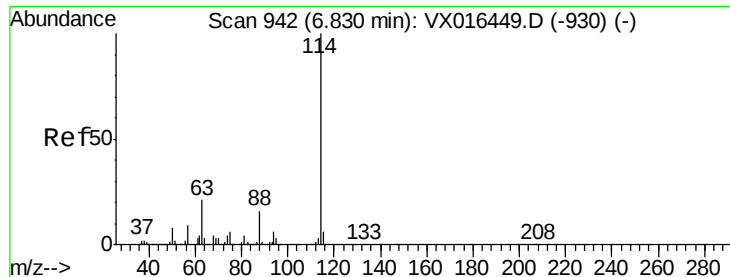
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016496.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

Z2-TB4-200526

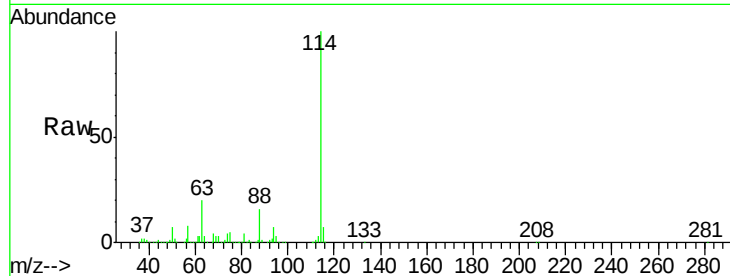
Tot Ion:114 Resp: 481628

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

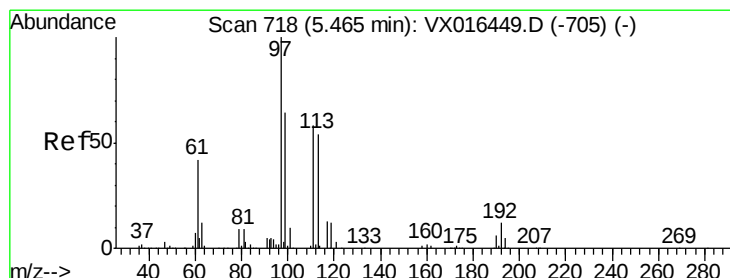
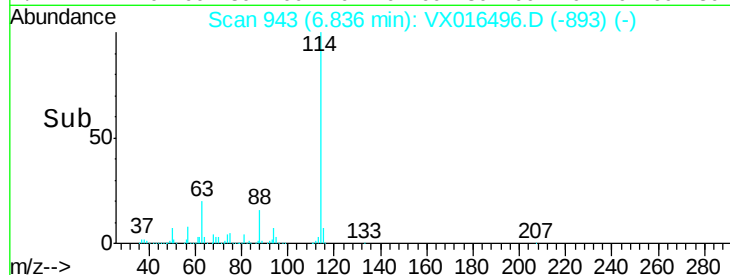
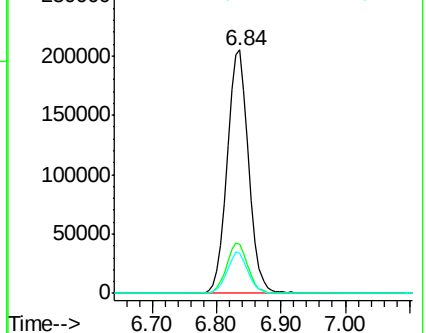
88 16.5 0.0 32.8



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: 46.808 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016496.D

Acq: 28 May 2020 19:19

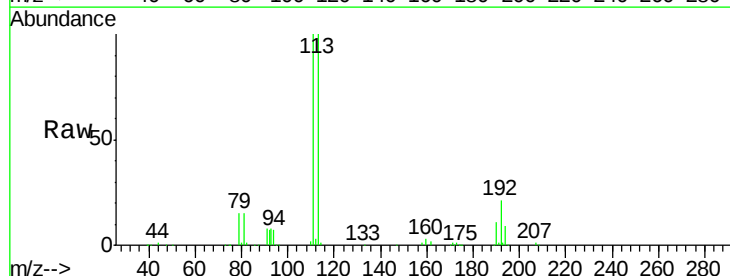
Tgt Ion:113 Resp: 138814

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

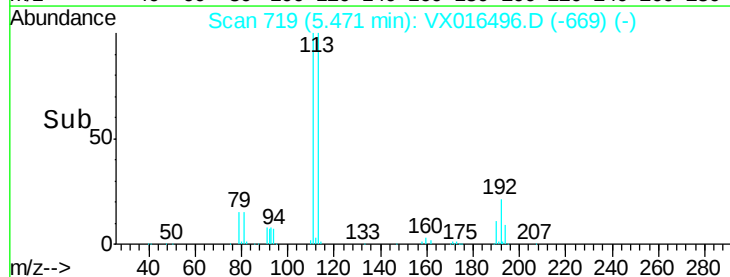
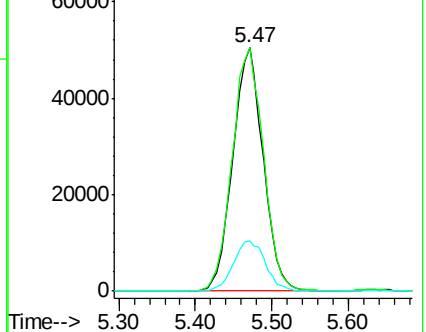
192 21.6 17.7 26.5

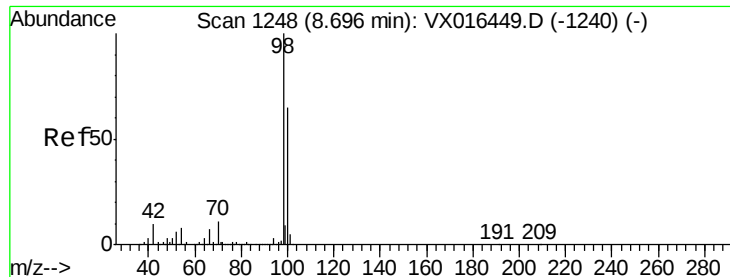


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.335 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016496.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

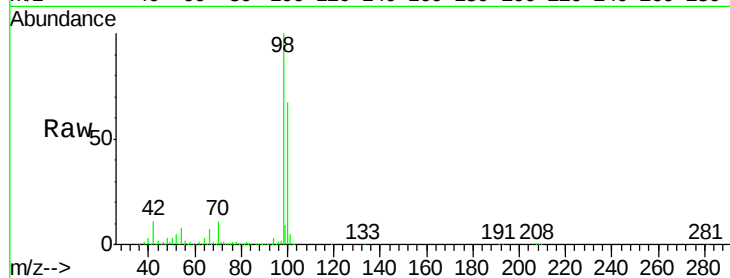
Z2-TB4-200526

Tot Ion: 98 Resp: 592552

Ion Ratio Lower Upper

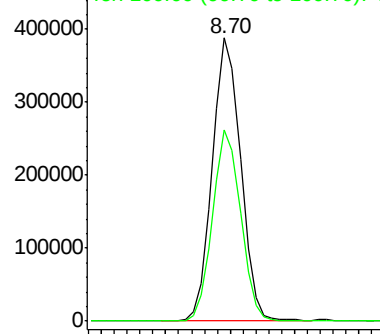
98 100

100 66.9 53.8 80.6

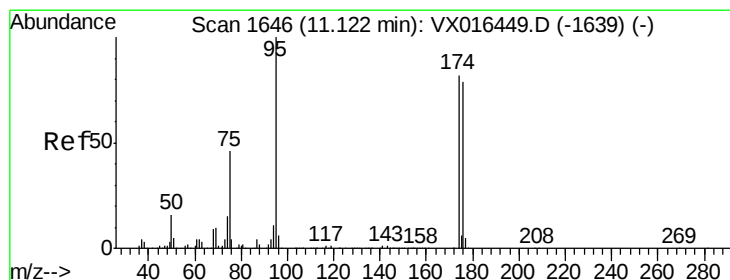
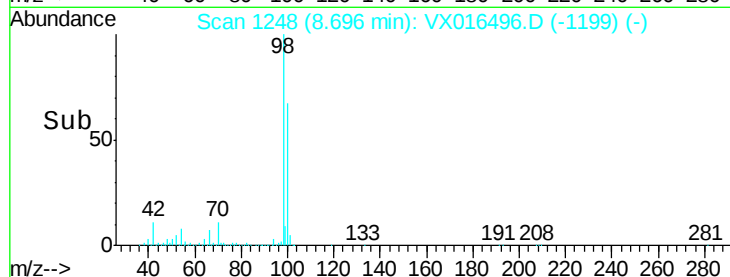


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 53.567 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016496.D

Acq: 28 May 2020 19:19

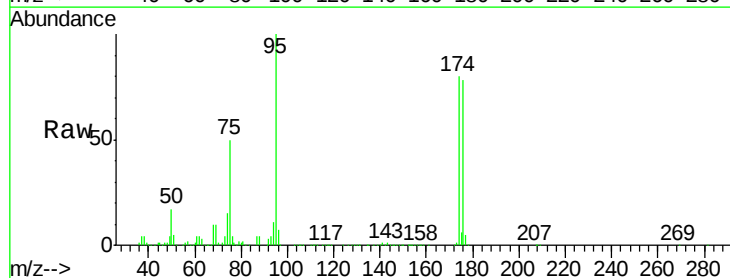
Tgt Ion: 95 Resp: 238915

Ion Ratio Lower Upper

95 100

174 82.7 0.0 163.0

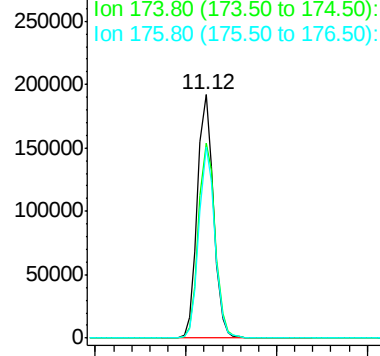
176 77.7 0.0 156.8



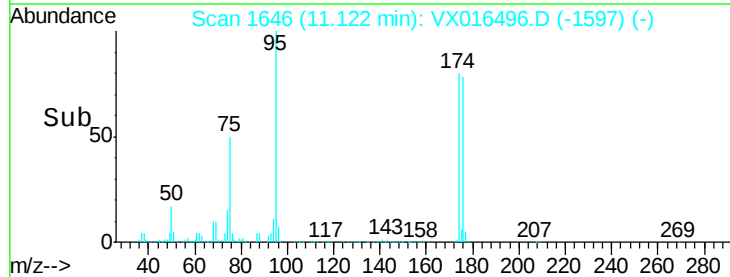
Abundance Ion 94.90 (94.60 to 95.60): VX0

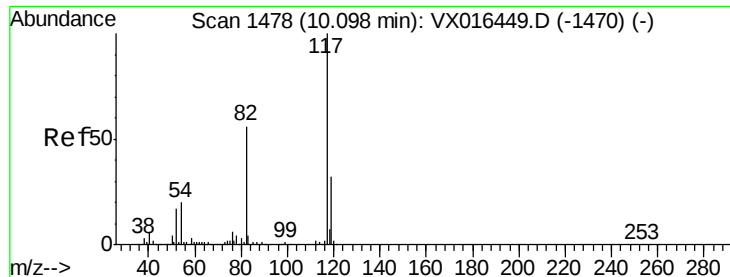
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.00 11.10 11.20

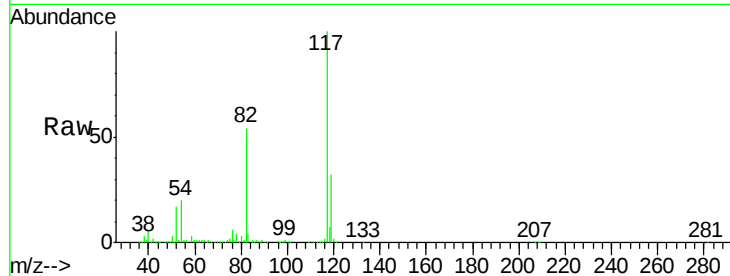




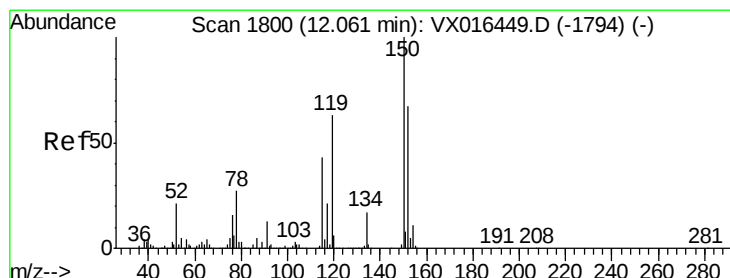
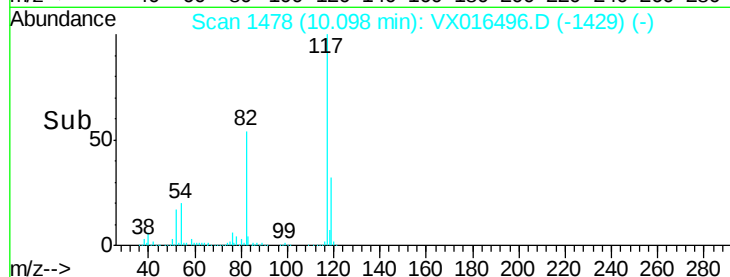
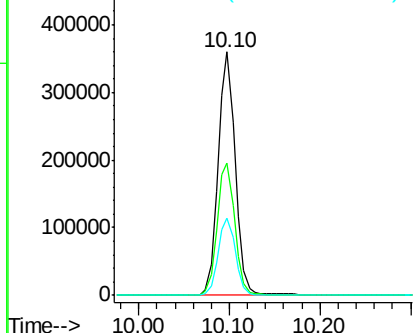
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016496.D
Acq: 28 May 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
Z2-TB4-200526

Tot Ion:117 Resp: 475974
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.6
119 31.7 25.8 38.8

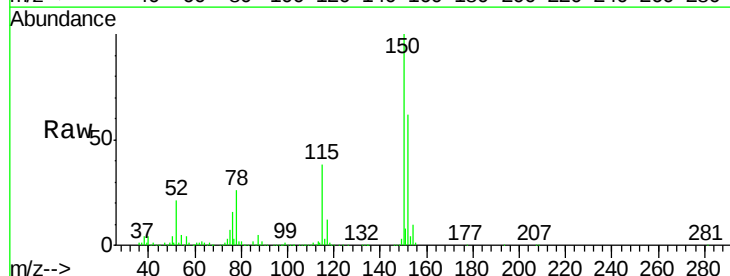


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016496.D
Acq: 28 May 2020 19:19

Tgt Ion:152 Resp: 240037
Ion Ratio Lower Upper
152 100
115 59.3 39.9 119.6
150 157.3 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

