

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016104.D
 Acq On : 07 May 2020 19:06
 Operator : JC/SP
 Sample : L2532-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB1-200506

Quant Time: May 08 04:34:12 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

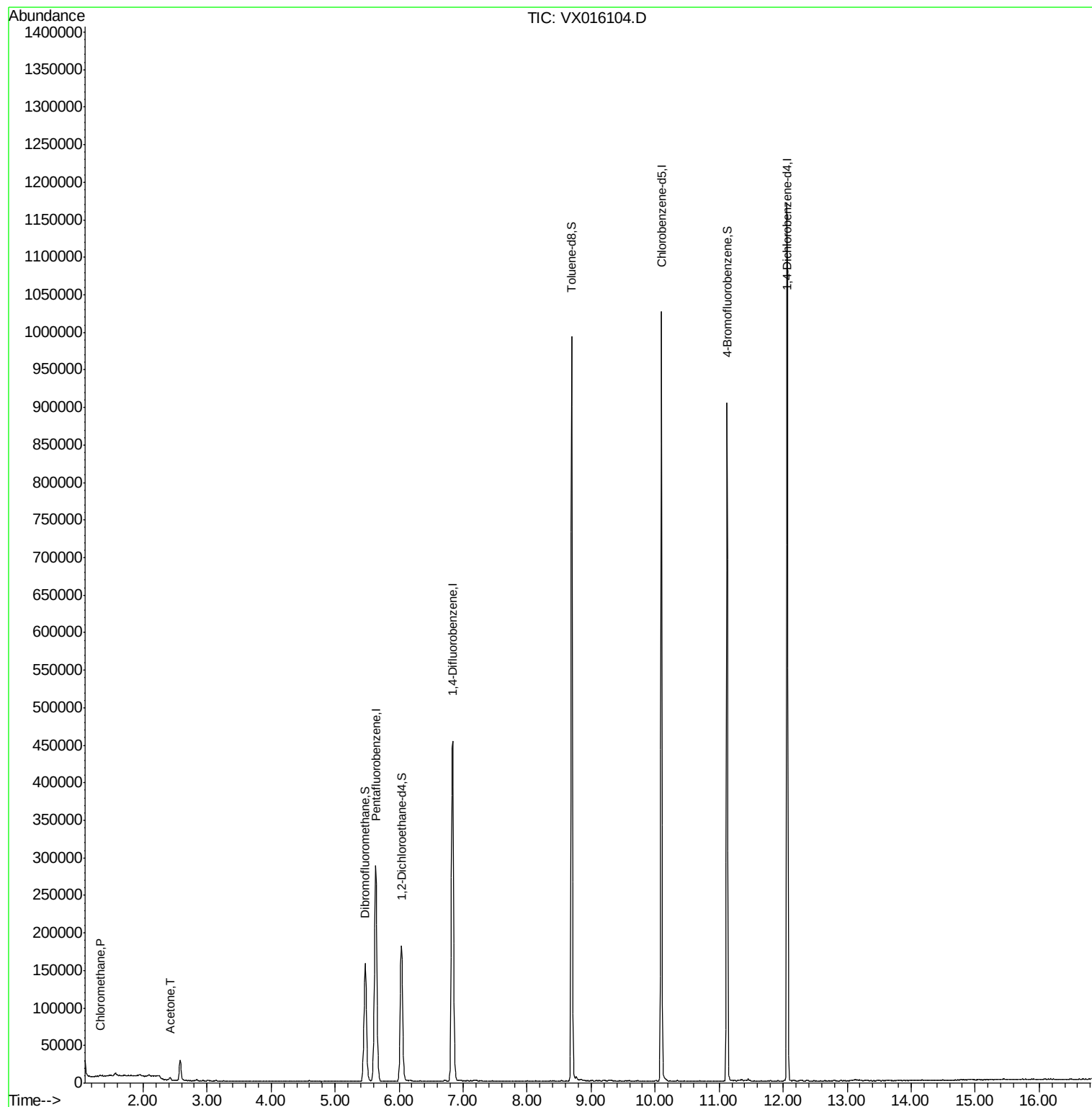
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	277463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	462996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	173791	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	5.47	113	136149	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	8.70	98	572557	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	234728	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
Target Compounds						
3) Chloromethane	1.32	50	898	0.263	ug/l	100
16) Acetone	2.42	43	3828	2.350	ug/l	95

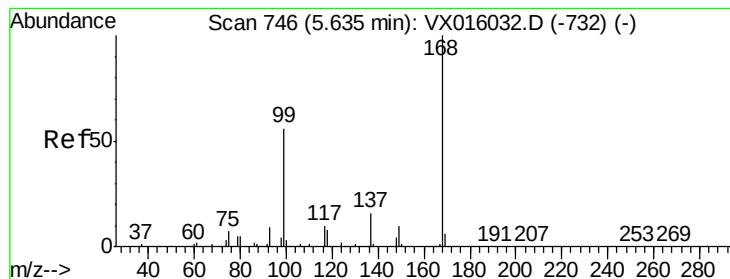
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

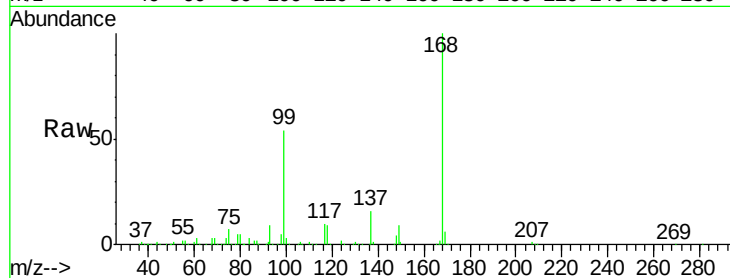
Z4-TB1-200506

Tot Ion:168 Resp: 277463

Ion Ratio Lower Upper

168 100

99 54.5 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

100000

80000

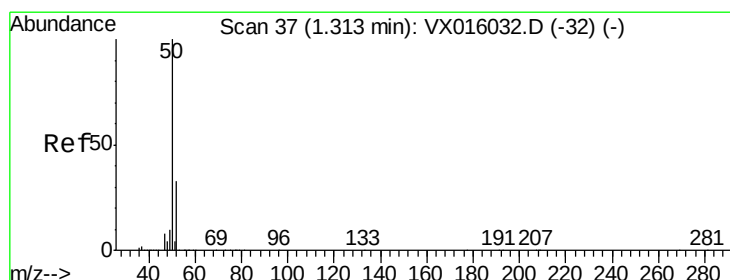
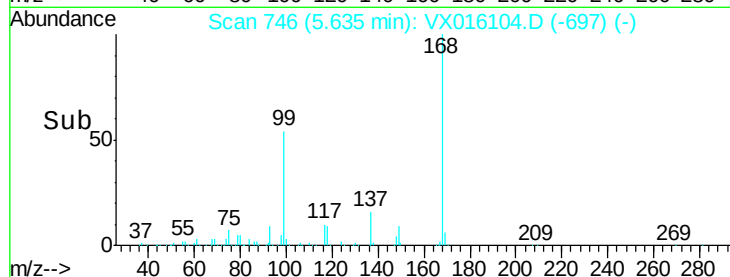
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.263 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016104.D

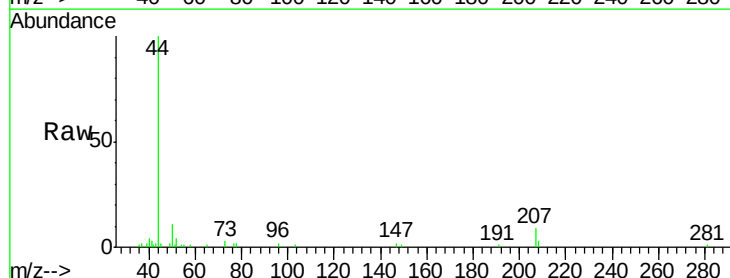
Acq: 07 May 2020 19:06

Tgt Ion: 50 Resp: 898

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

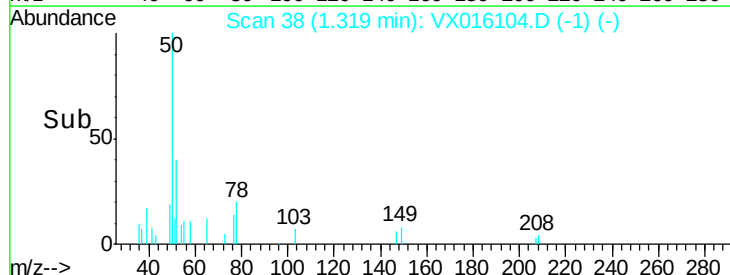
600

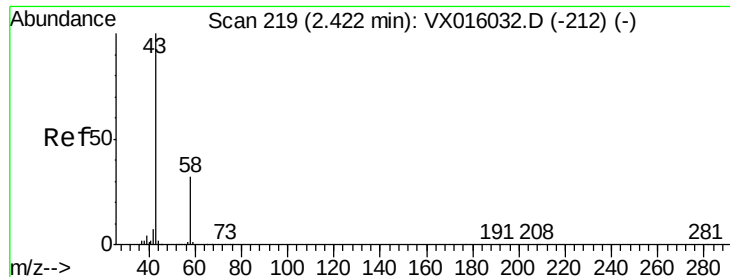
400

200

0

Time-->





#16

Acetone

Concen: 2.350 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

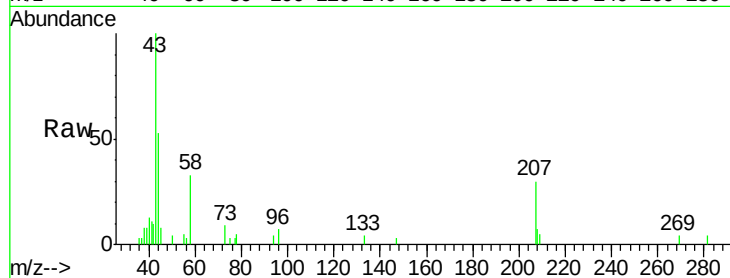
Z4-TB1-200506

Tot Ion: 43 Resp: 3828

Ion Ratio Lower Upper

43 100

58 34.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

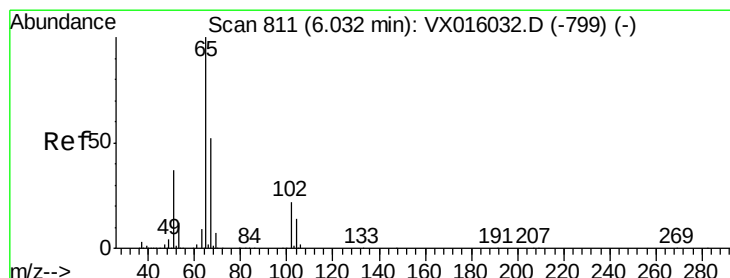
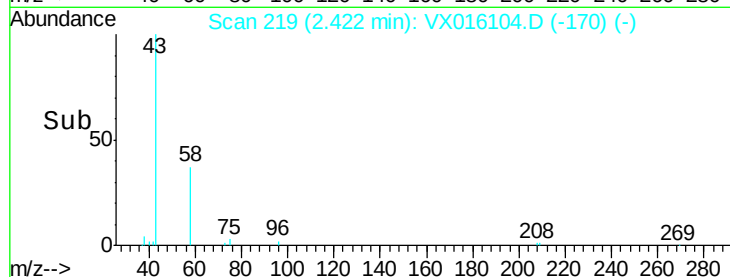
1000

500

2.42

2.30 2.35 2.40 2.45 2.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.599 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016104.D

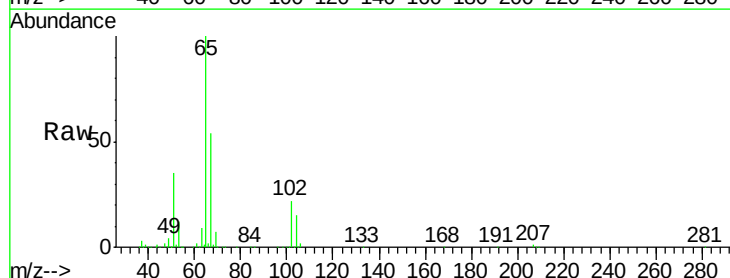
Acq: 07 May 2020 19:06

Tgt Ion: 65 Resp: 173791

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

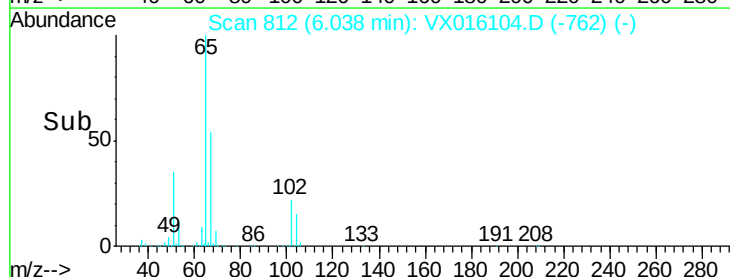
40000

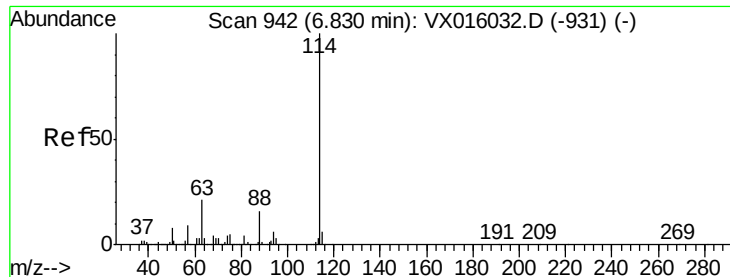
20000

6.04

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB1-200506

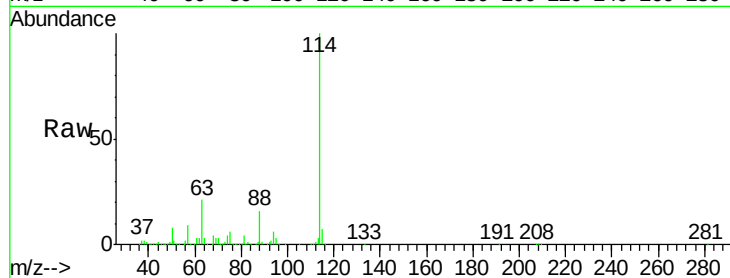
Tot Ion:114 Resp: 462996

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 15.8 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

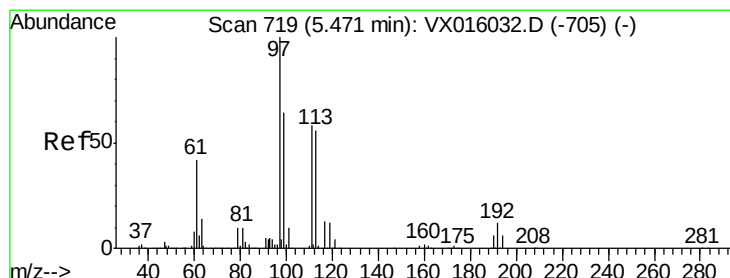
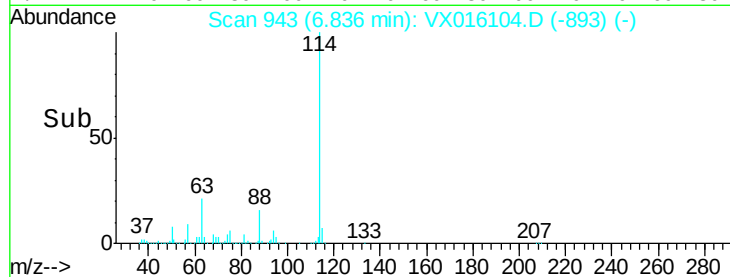
50000

0

6.84

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.415 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

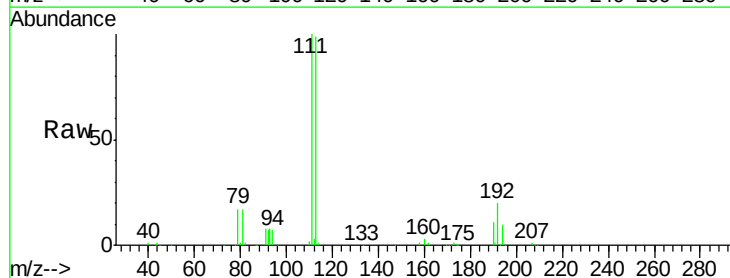
Tgt Ion:113 Resp: 136149

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

192 21.0 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

50000

40000

30000

20000

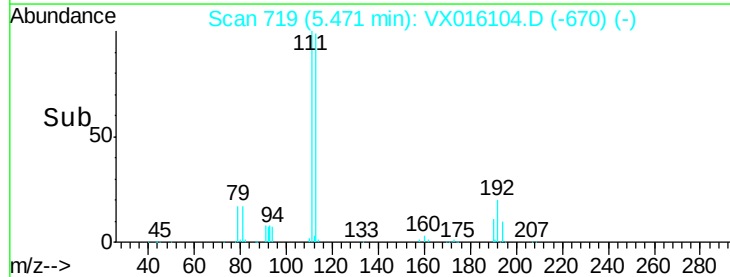
10000

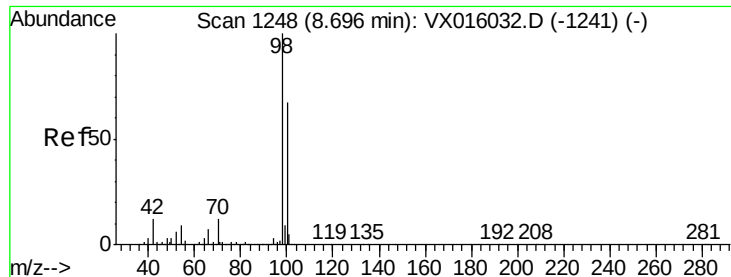
0

5.47

5.30 5.40 5.50 5.60

Time-->

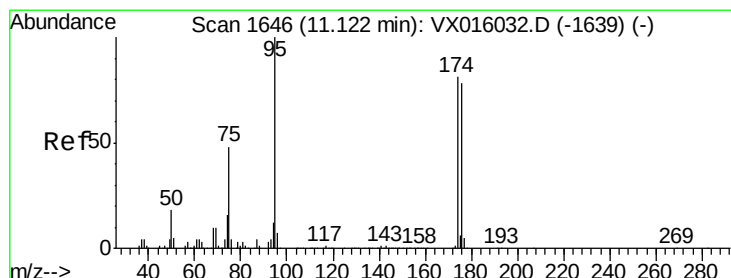
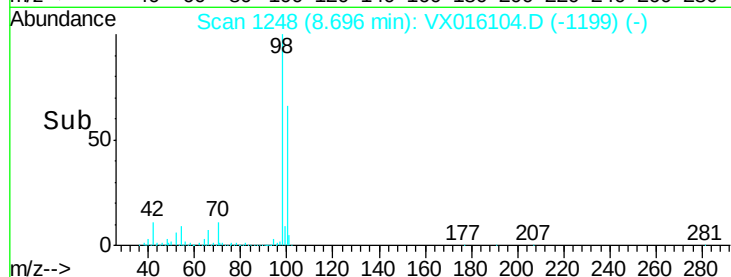
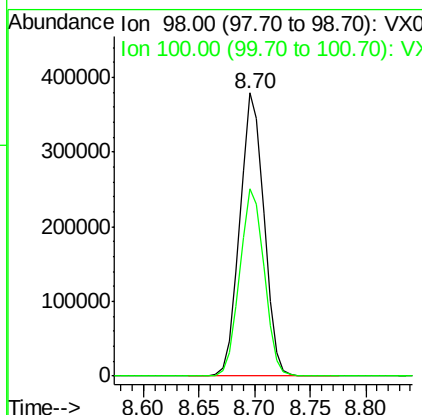
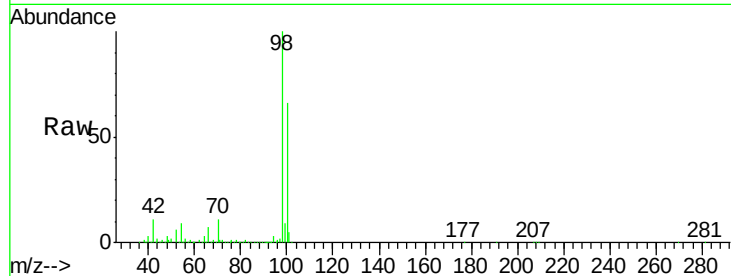




#50
Toluene-d8
Concen: 50.659 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

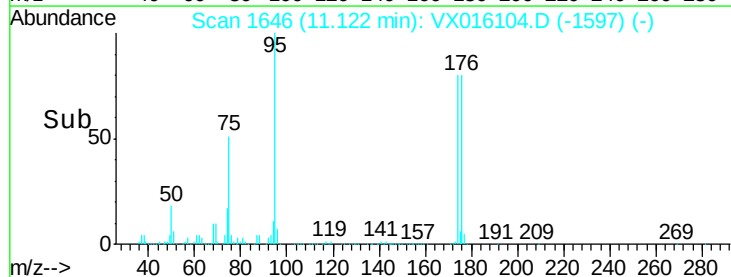
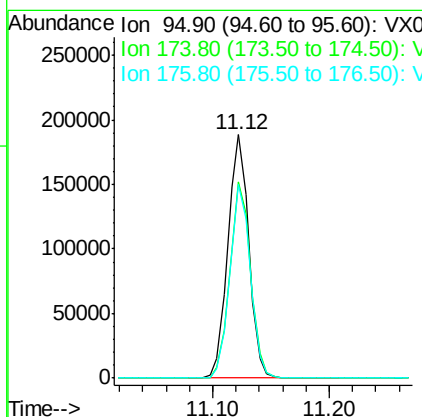
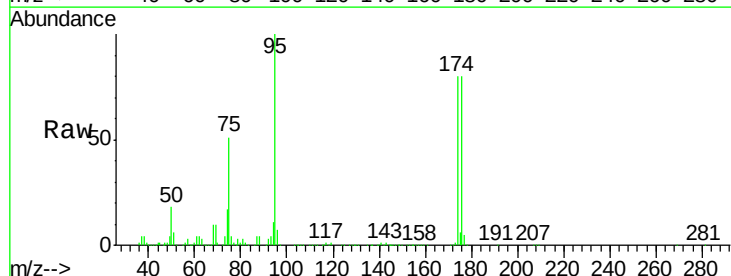
Instrument :
MSVOA_X
ClientSampleId :
Z4-TB1-200506

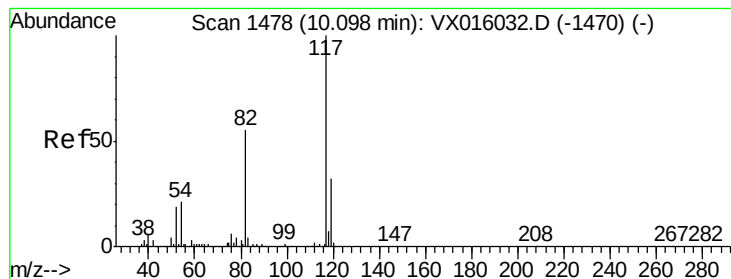
Tot Ion: 98 Resp: 572557
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 54.603 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

Tgt Ion: 95 Resp: 234728
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.4
176 78.2 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: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB1-200506

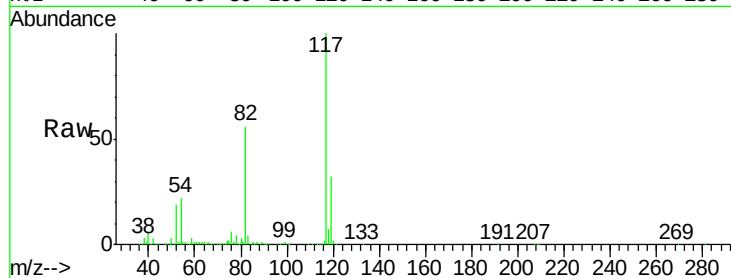
Tot Ion:117 Resp: 454555

Ion Ratio Lower Upper

117 100

82 56.2 44.4 66.6

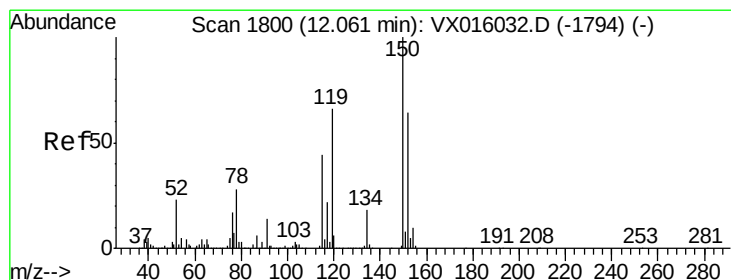
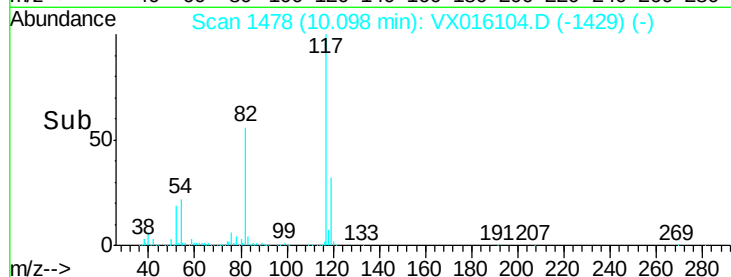
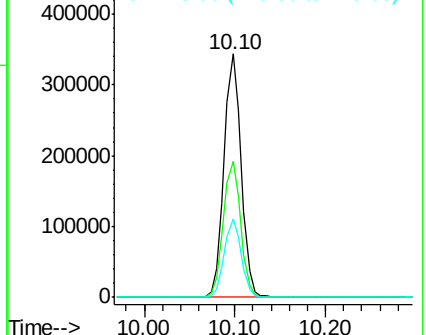
119 32.5 25.5 38.3



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: VX016104.D

Acq: 07 May 2020 19:06

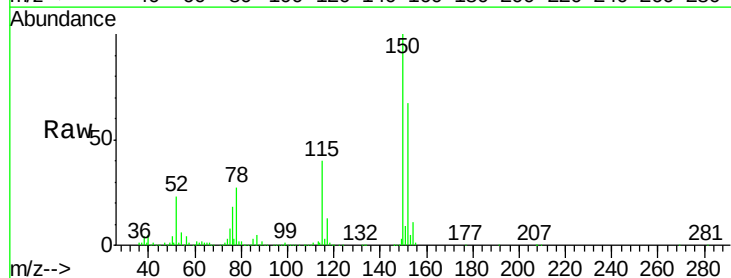
Tgt Ion:152 Resp: 241781

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

150 154.4 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

