

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016351.D
 Acq On : 20 May 2020 11:24
 Operator : JC/SP
 Sample : VX0520WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBL01

Quant Time: May 21 04:03:05 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	5.62	168	246904	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	404948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142062	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	5.46	113	117325	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.70	98	491000	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	191008	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

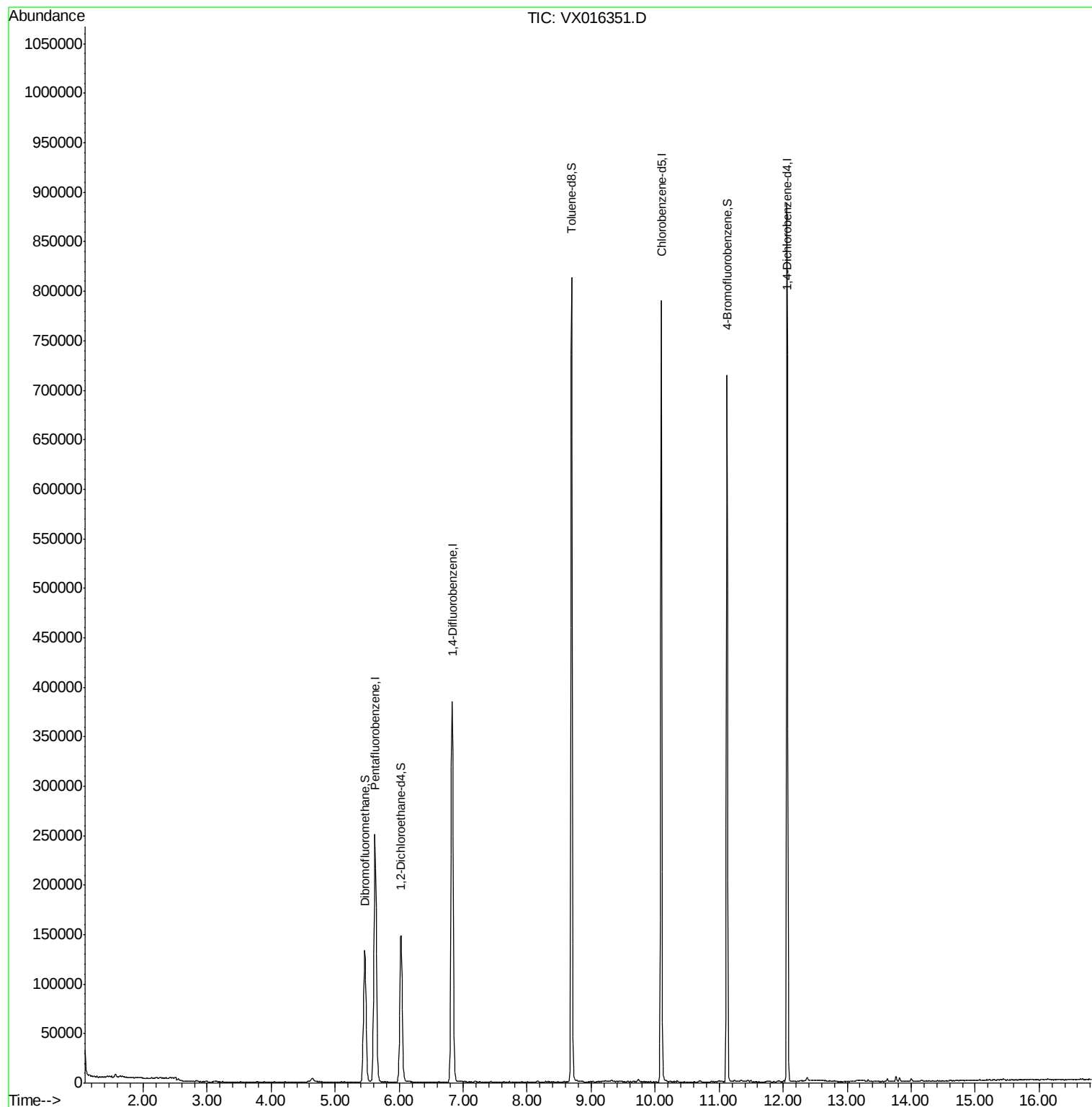
Target Compounds	Qvalue
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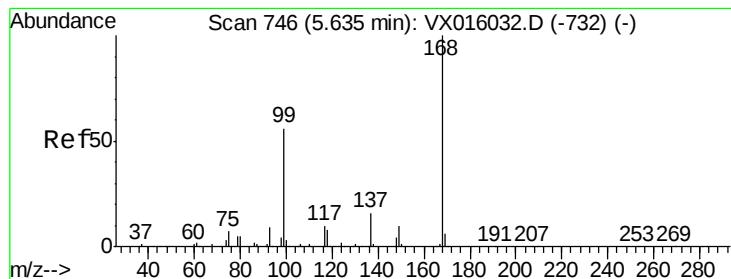
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016351.D

Acq: 20 May 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

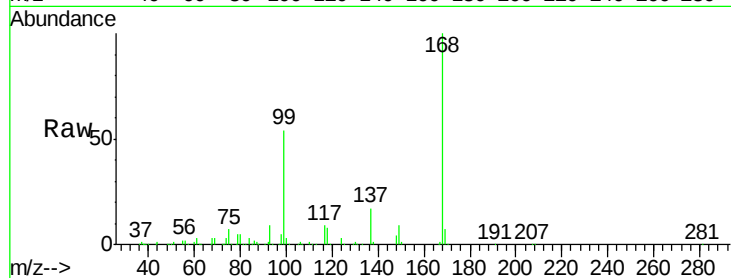
VX0520WBL01

Tot Ion:168 Resp: 246904

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

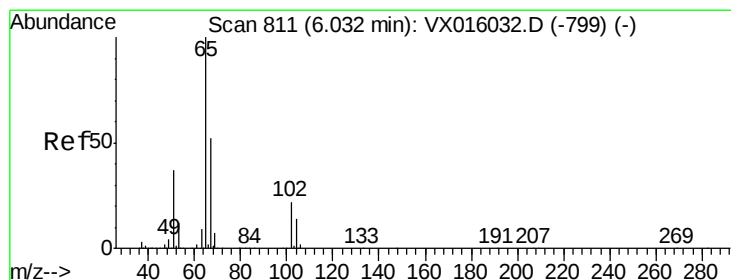
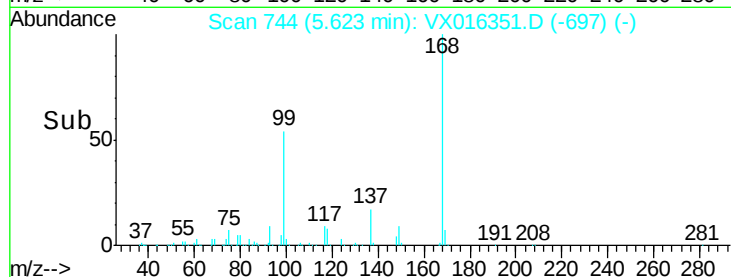
40000

20000

0

5.50 5.60 5.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.725 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016351.D

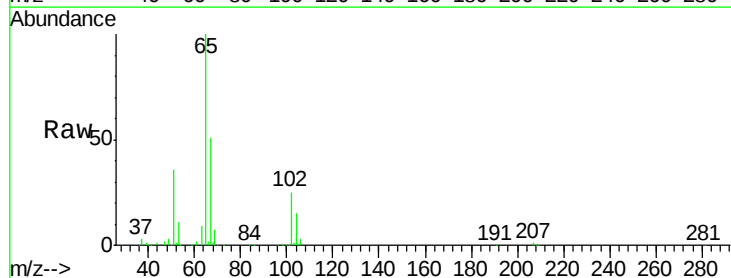
Acq: 20 May 2020 11:24

Tgt Ion: 65 Resp: 142062

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

50000

40000

30000

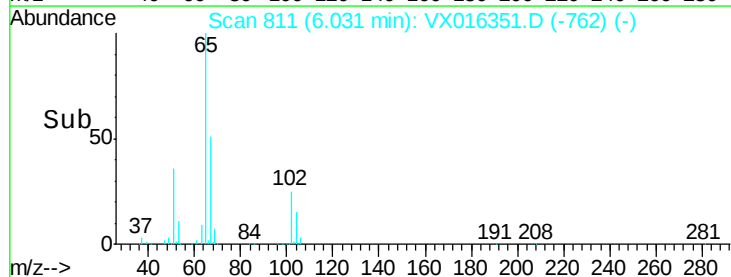
20000

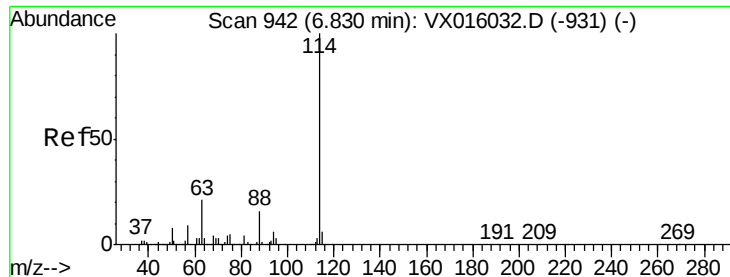
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016351.D

Acq: 20 May 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBL01

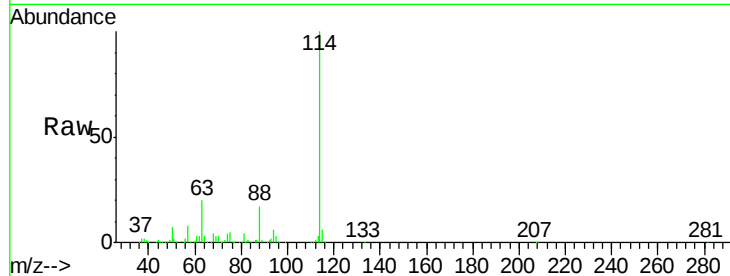
Tot Ion:114 Resp: 404948

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

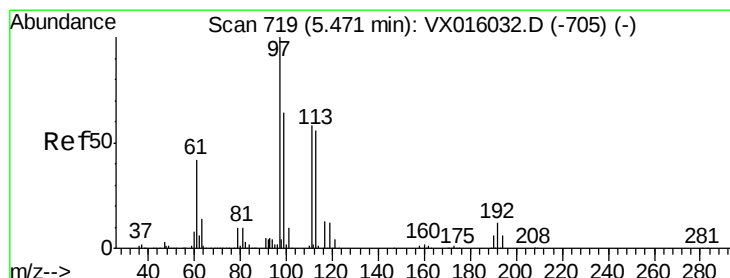
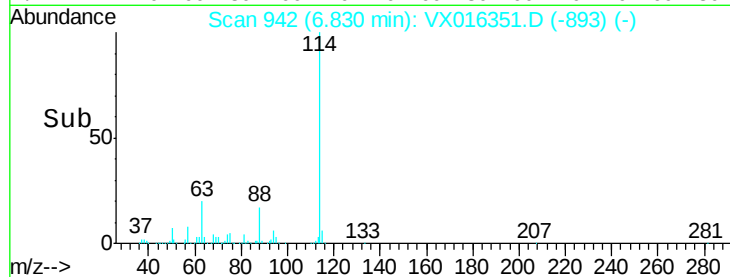
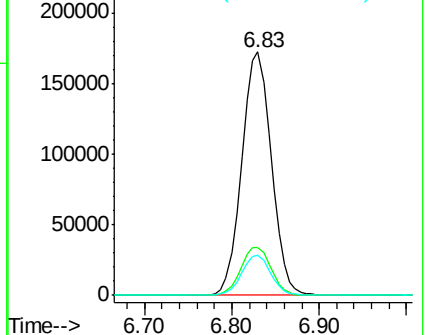
88 16.6 0.0 31.4



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: 45.731 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016351.D

Acq: 20 May 2020 11:24

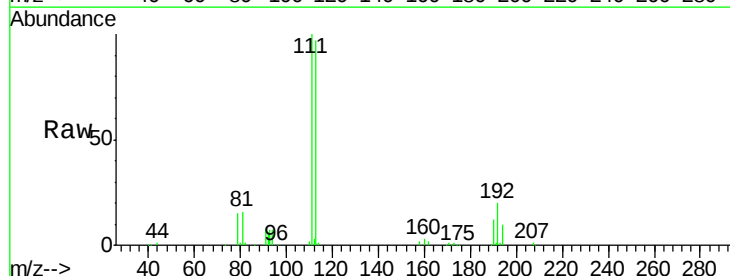
Tgt Ion:113 Resp: 117325

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

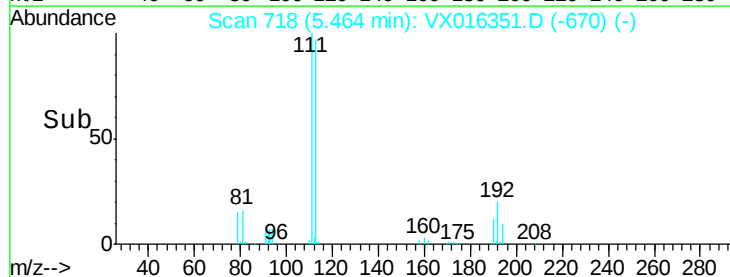
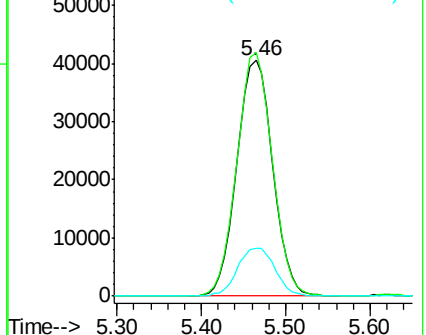
192 21.2 17.0 25.4

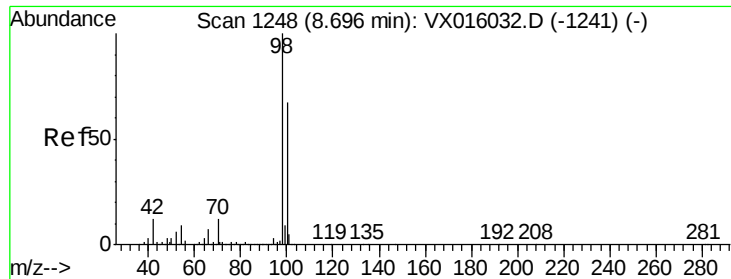


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

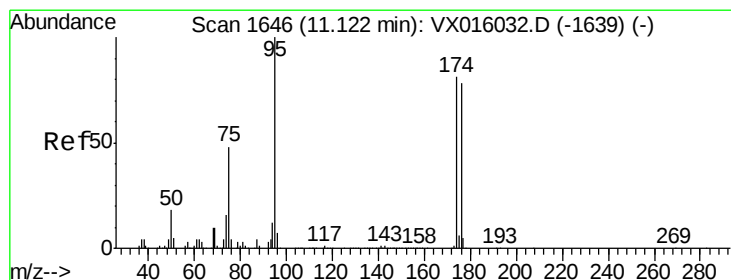
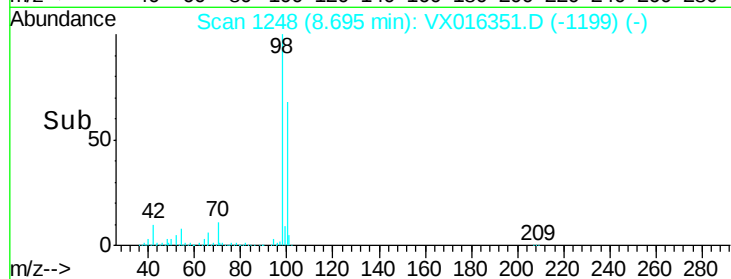
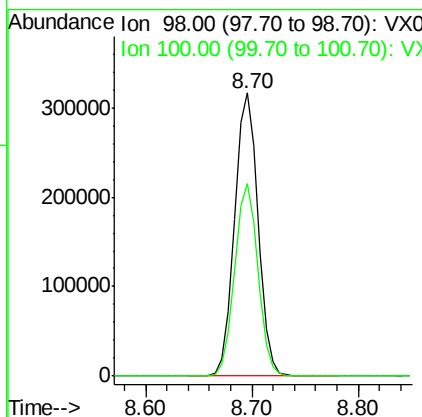
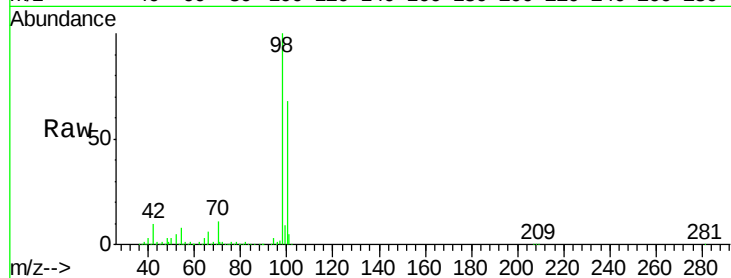




#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016351.D
Acq: 20 May 2020 11:24

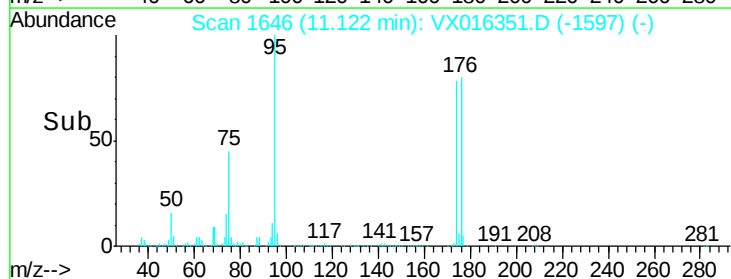
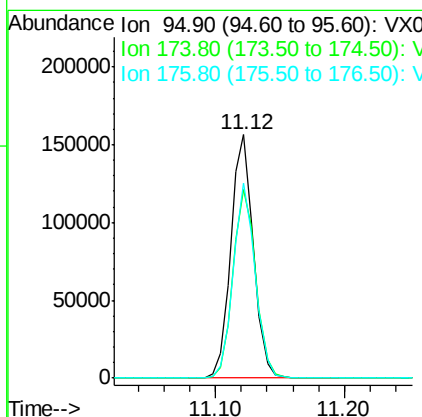
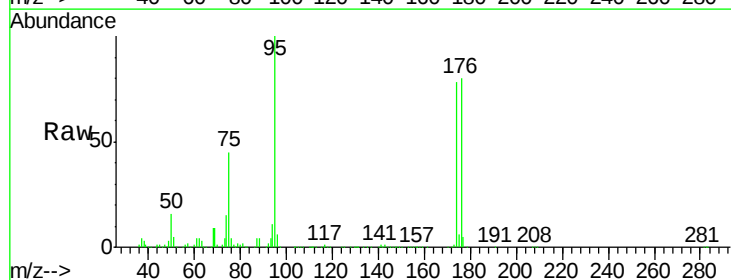
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

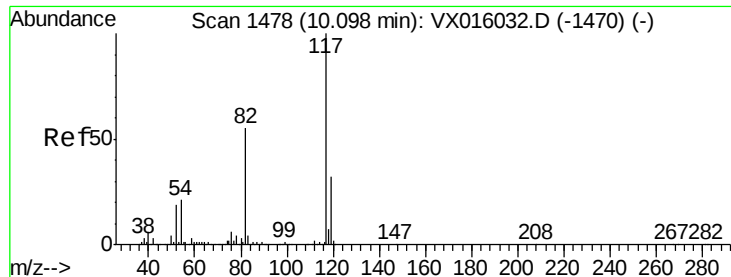
Tot Ion: 98 Resp: 491000
Ion Ratio Lower Upper
98 100
100 67.7 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016351.D
Acq: 20 May 2020 11:24

Tgt Ion: 95 Resp: 191008
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.4
176 78.2 0.0 157.6

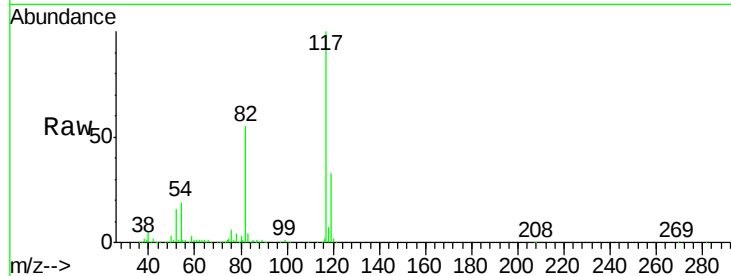




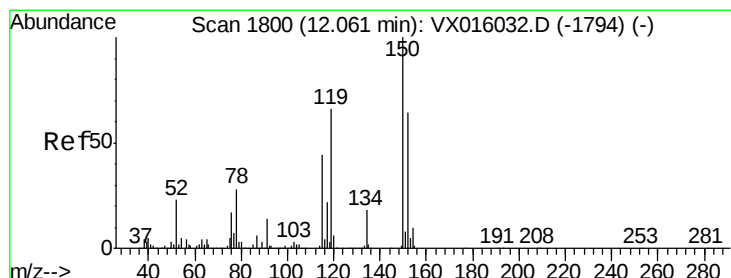
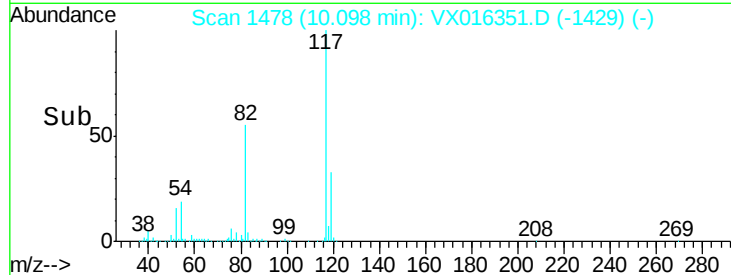
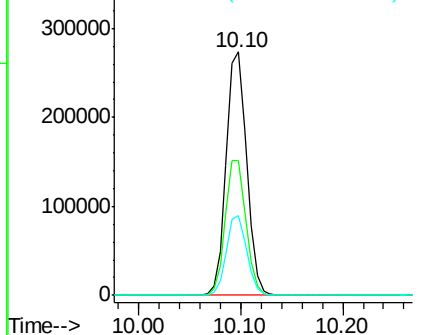
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016351.D
Acq: 20 May 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.4	66.6
119	32.9	25.5	38.3

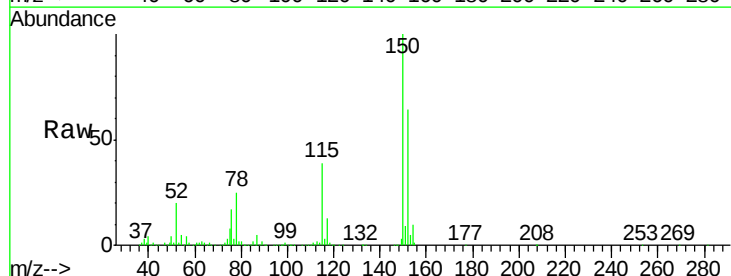


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016351.D
Acq: 20 May 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.3	124.1
150	159.0	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

