

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018447.D
 Acq On : 16 Sep 2020 17:59
 Operator : JC/SP
 Sample : L4021-01 20X
 Misc : 9.44g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B14-1-3

Quant Time: Sep 17 08:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

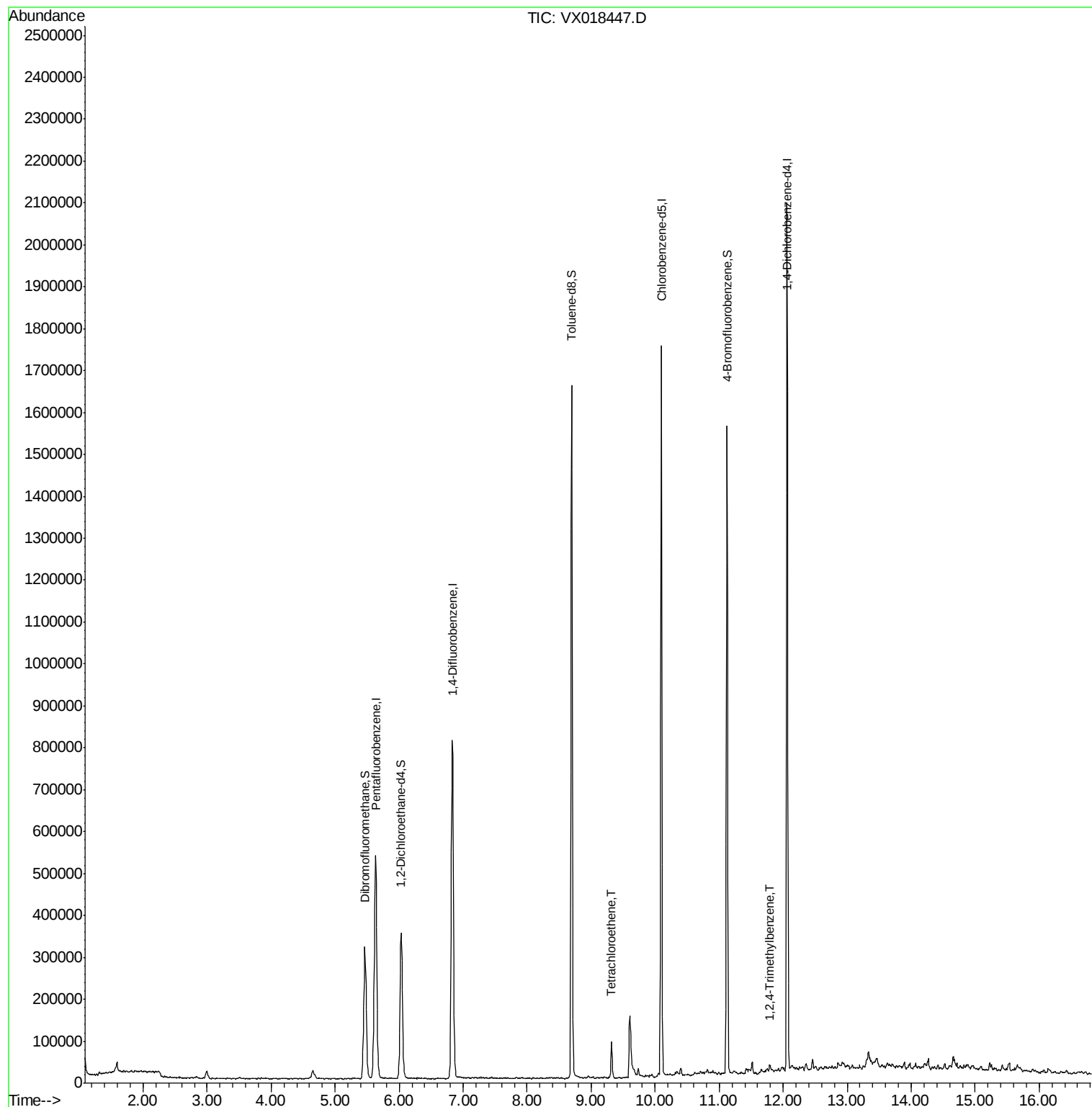
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	512524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	779801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	348652	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.46	113	274020	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	8.70	98	976328	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.12	95	394908	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
64) Tetrachloroethene	9.32	164	16276	2.840	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	5739	0.250	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 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: VX018447.D

Acq: 16 Sep 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

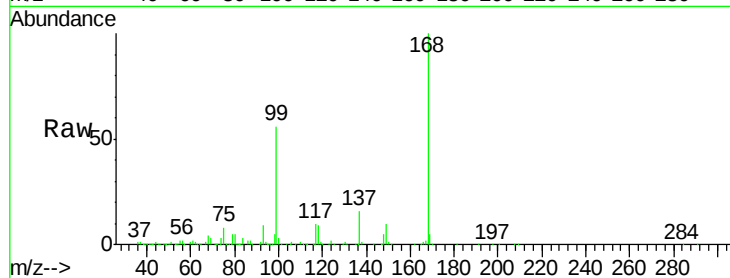
B14-1-3

Tot Ion:168 Resp: 512524

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

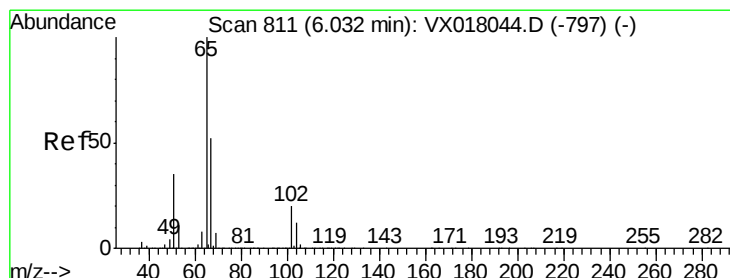
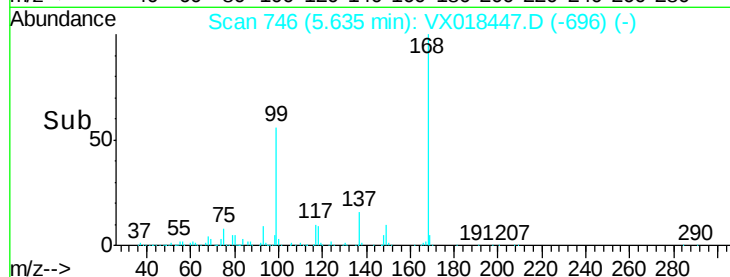
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.001 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018447.D

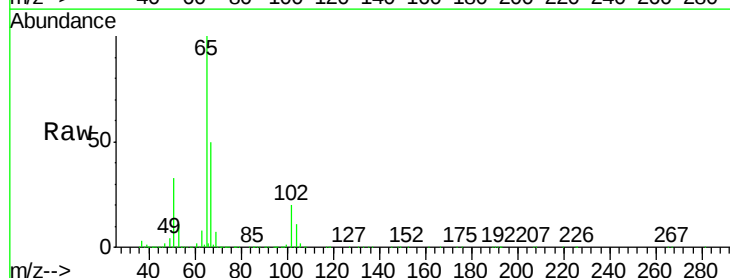
Acq: 16 Sep 2020 17:59

Tgt Ion: 65 Resp: 348652

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

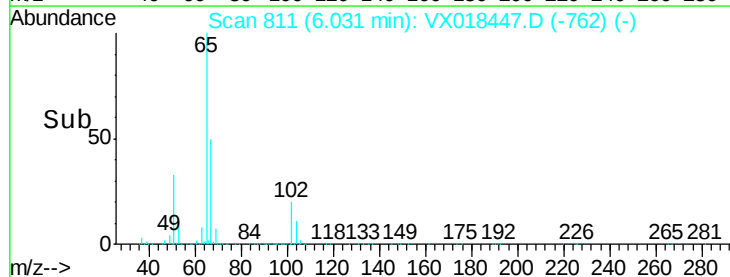
150000

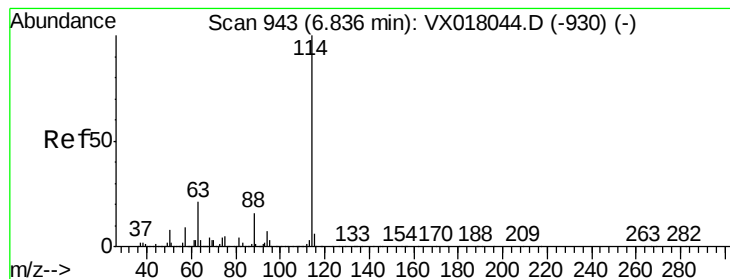
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018447.D

Acq: 16 Sep 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

B14-1-3

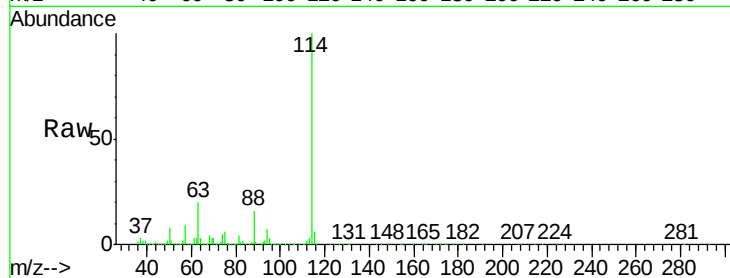
Tot Ion:114 Resp: 798975

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

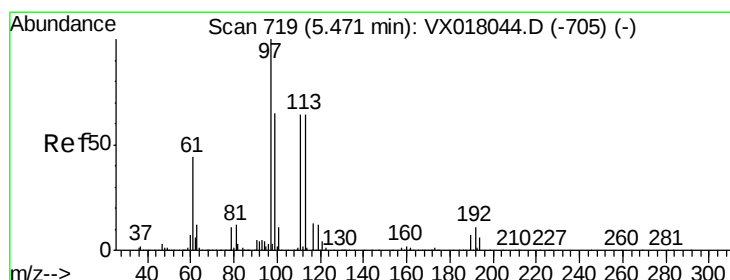
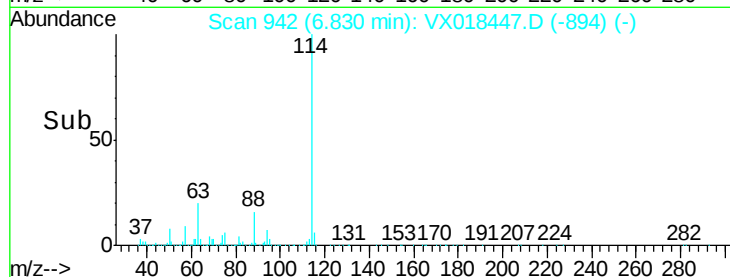
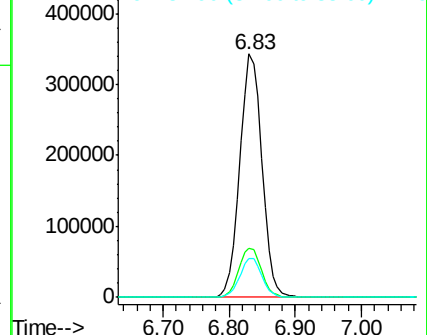
88 15.7 0.0 31.8



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: 50.358 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018447.D

Acq: 16 Sep 2020 17:59

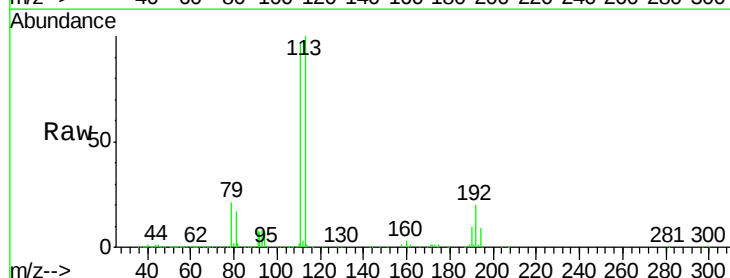
Tgt Ion:113 Resp: 274020

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

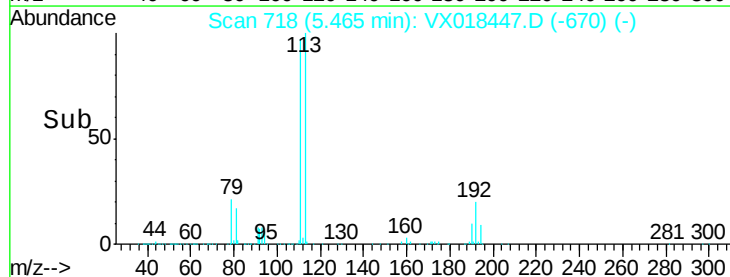
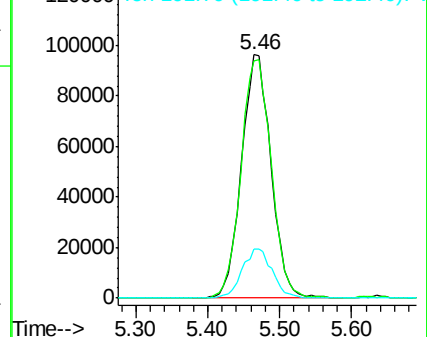
192 20.5 15.8 23.8

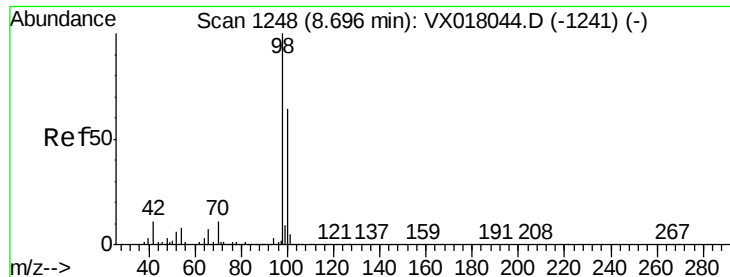


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.174 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018447.D

Acq: 16 Sep 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

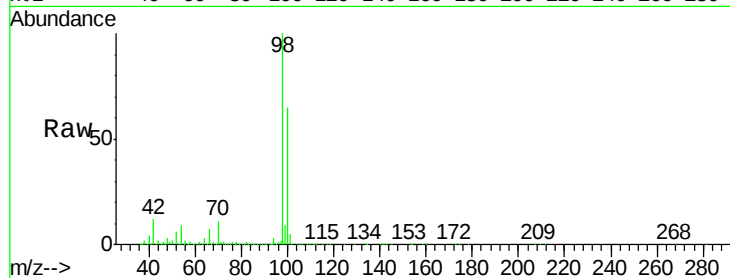
B14-1-3

Tot Ion: 98 Resp: 976328

Ion Ratio Lower Upper

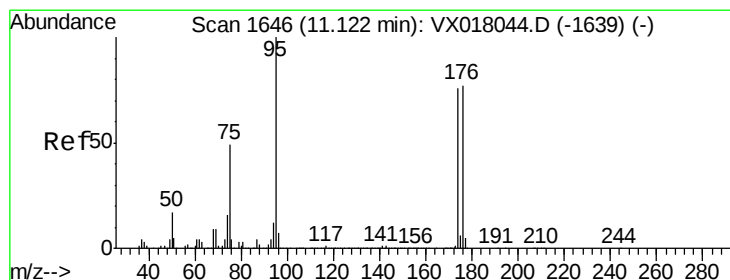
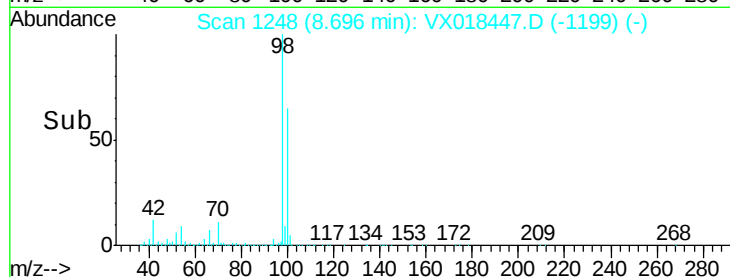
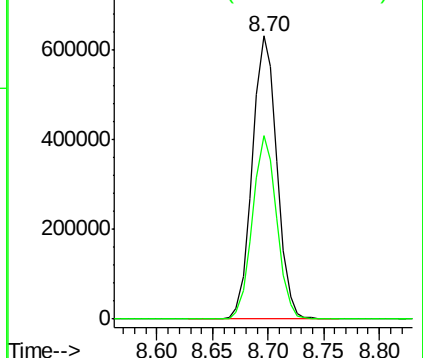
98 100

100 64.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.526 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018447.D

Acq: 16 Sep 2020 17:59

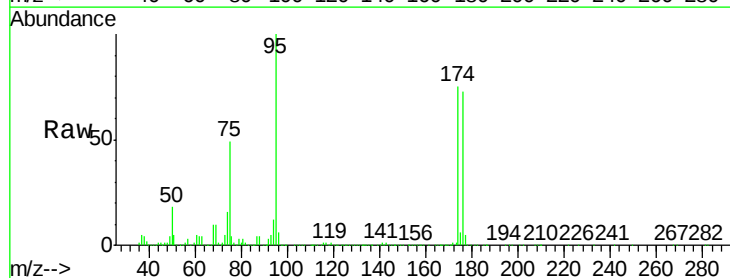
Tgt Ion: 95 Resp: 394908

Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.2

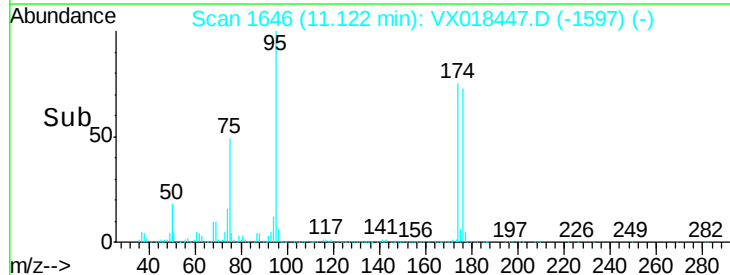
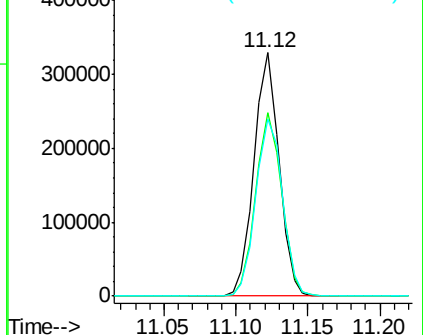
176 77.5 0.0 155.8

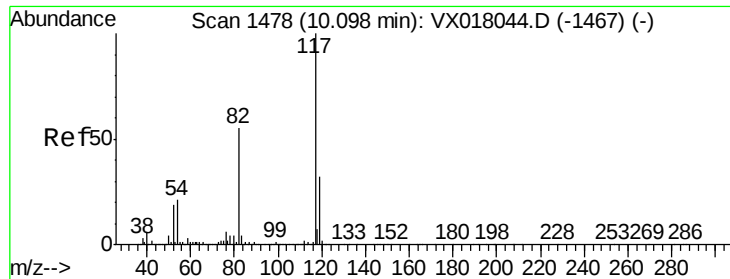


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

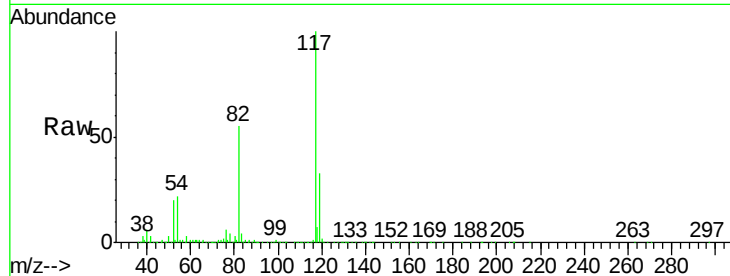




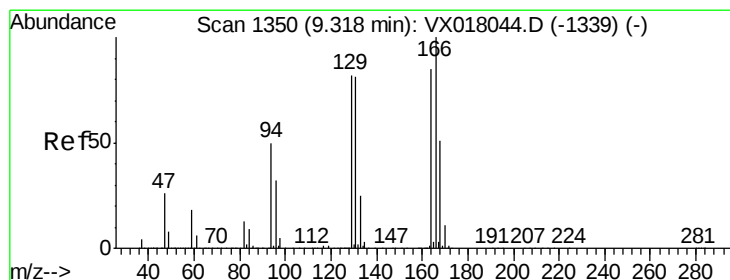
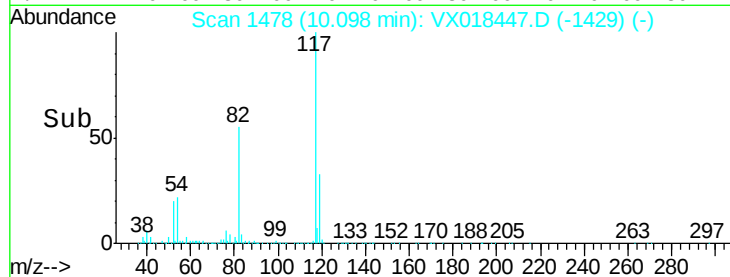
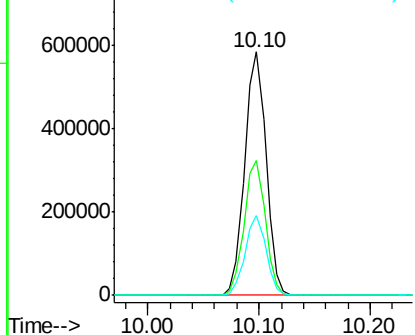
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018447.D
Acq: 16 Sep 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
B14-1-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.6	25.7	38.5



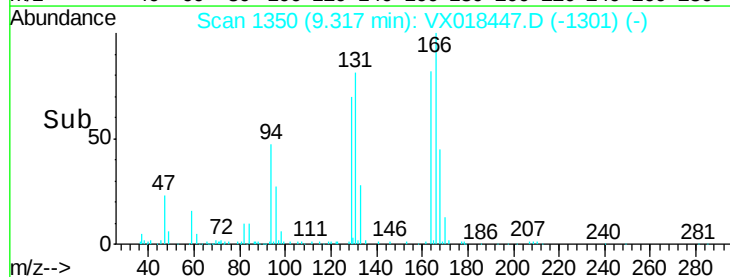
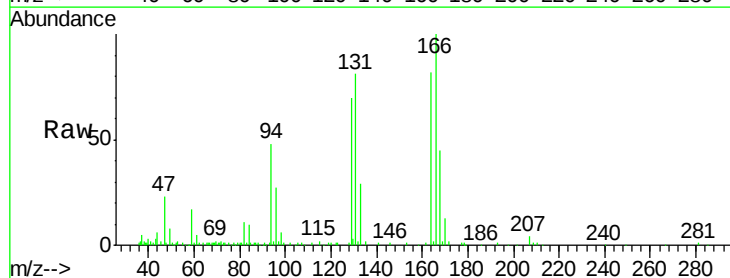
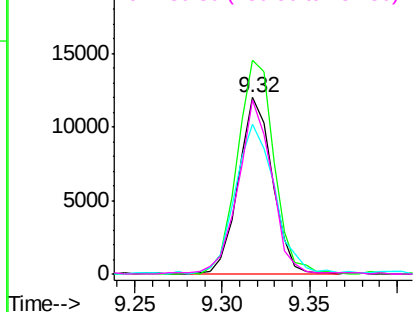
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

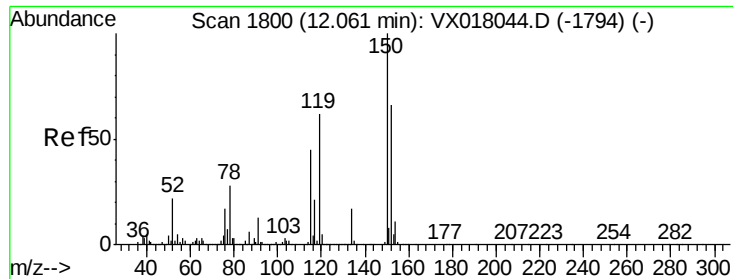


#64
Tetrachloroethene
Concen: 2.840 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018447.D
Acq: 16 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.9	94.2	141.2
129	85.1	76.9	115.3
131	97.9	76.1	114.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX018447.D

Acq: 16 Sep 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

B14-1-3

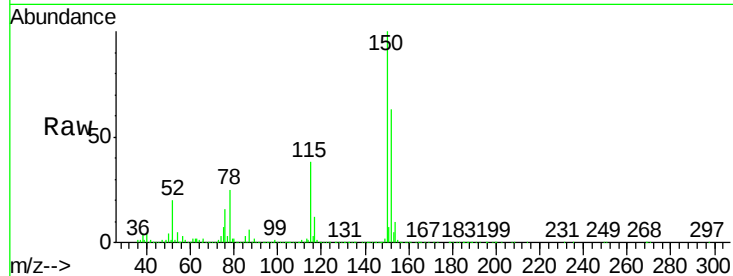
Tot Ion:152 Resp: 413850

Ion Ratio Lower Upper

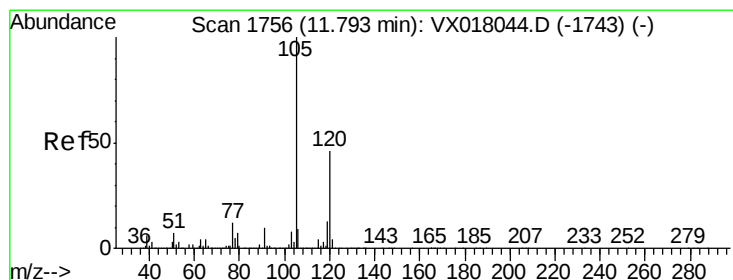
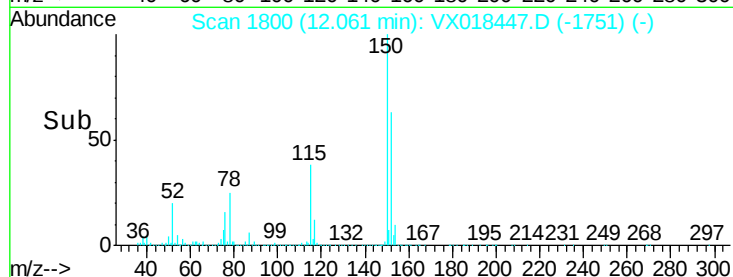
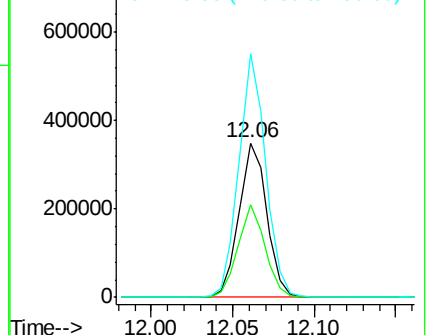
152 100

115 57.9 41.5 124.5

150 152.3 0.0 343.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.250 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018447.D

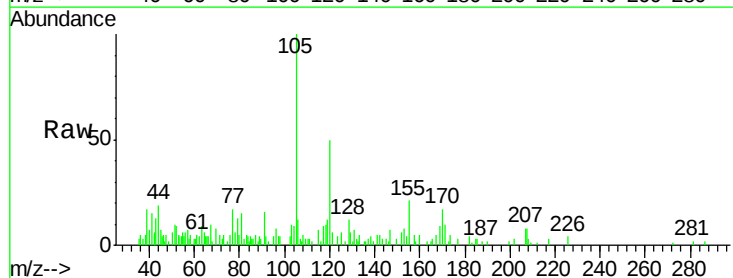
Acq: 16 Sep 2020 17:59

Tgt Ion:105 Resp: 5739

Ion Ratio Lower Upper

105 100

120 49.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

