

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013557.D
 Acq On : 23 Nov 2019 01:16
 Operator : JC/SP
 Sample : K5962-07DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20191120DL

Quant Time: Nov 23 03:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

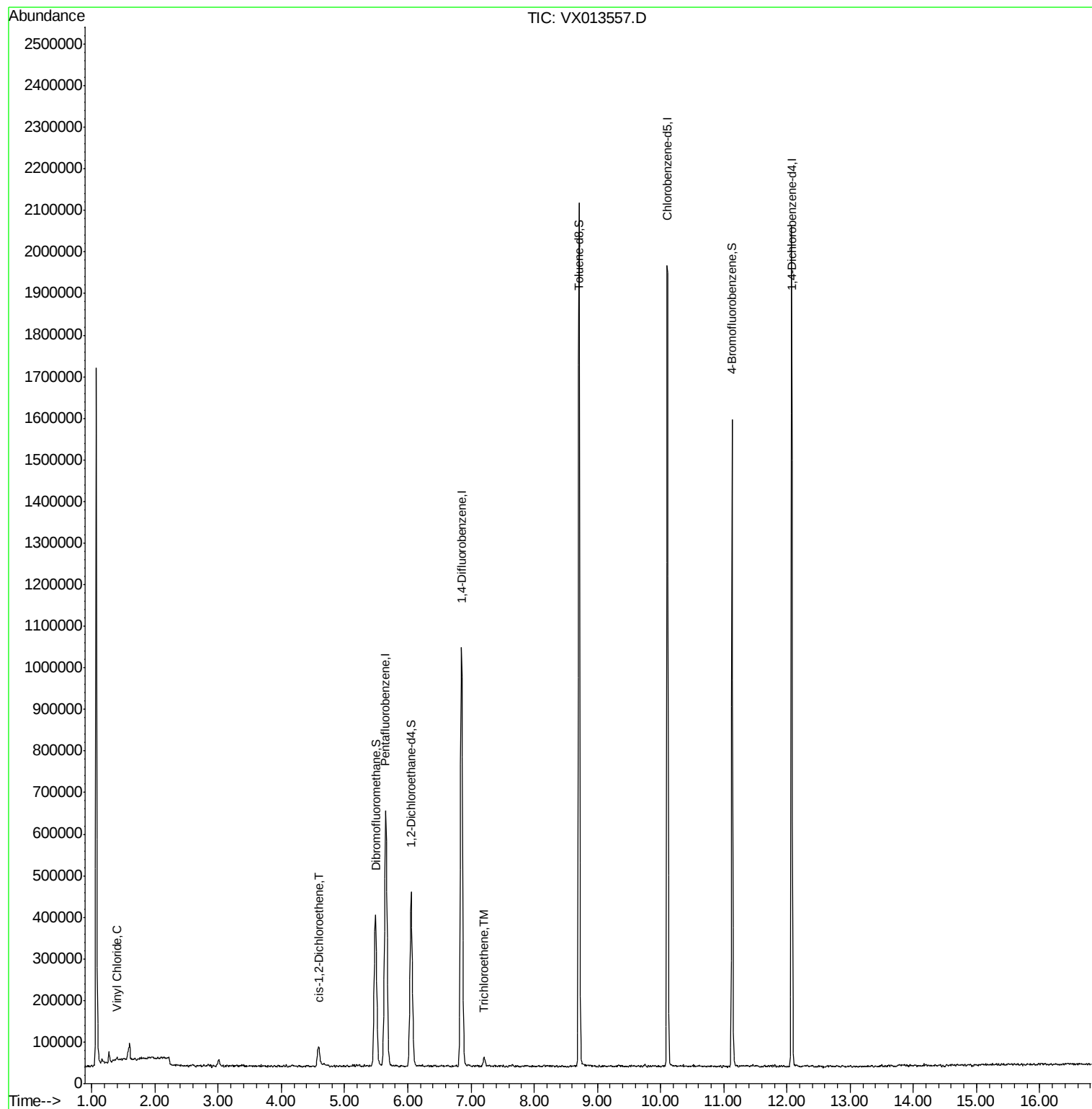
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	650337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1046779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	929049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	384249	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.49	113	315184	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	1252887	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	423010	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4764	0.515	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	32521	4.470	ug/l	90
44) Trichloroethene	7.21	130	10080	1.309	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013557.D

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Instrument :

MSVOA_X

ClientSampleId :

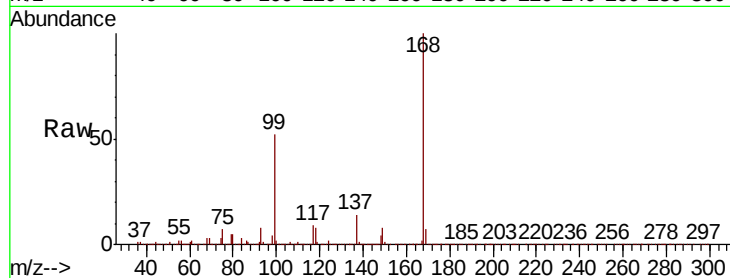
20BR-20191120DL

Tot Ion:168 Resp: 650337

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

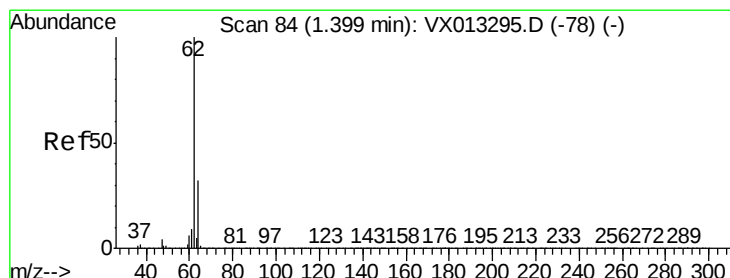
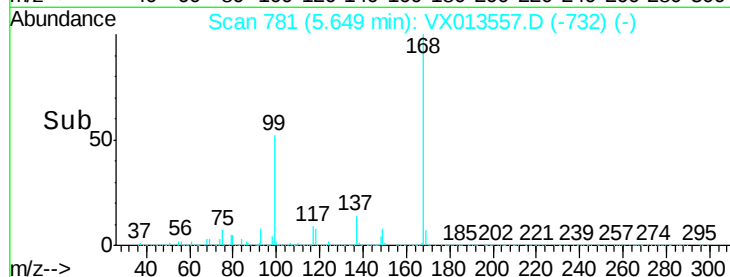
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.515 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013557.D

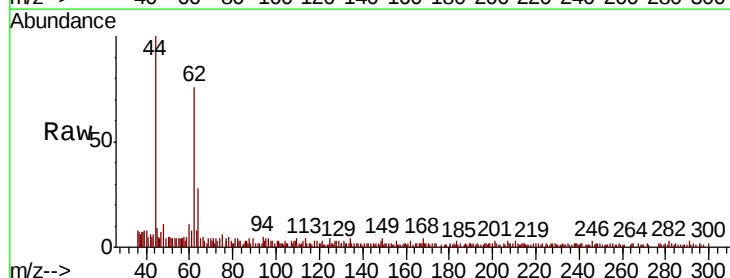
Acq: 23 Nov 2019 01:16

Tgt Ion: 62 Resp: 4764

Ion Ratio Lower Upper

62 100

64 28.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

5000

4000

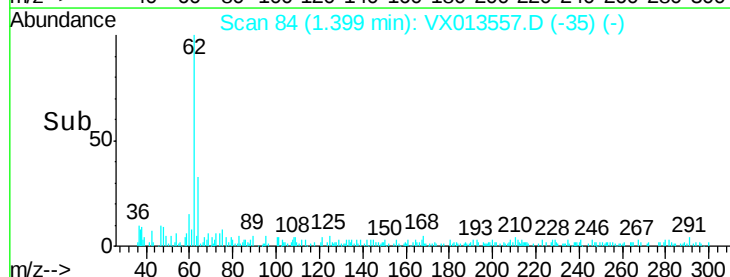
3000

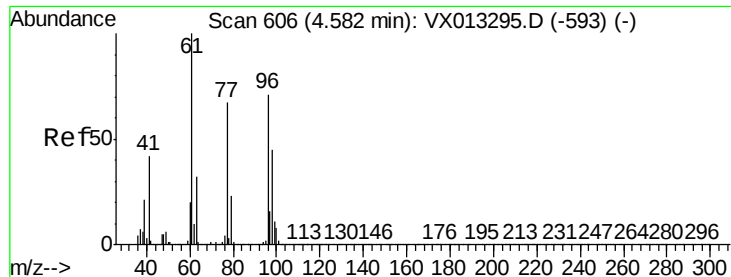
2000

1000

0

Time-->



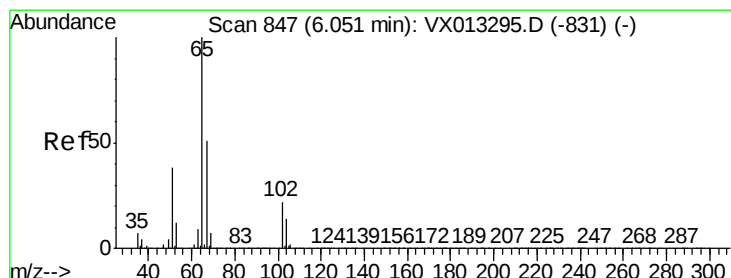
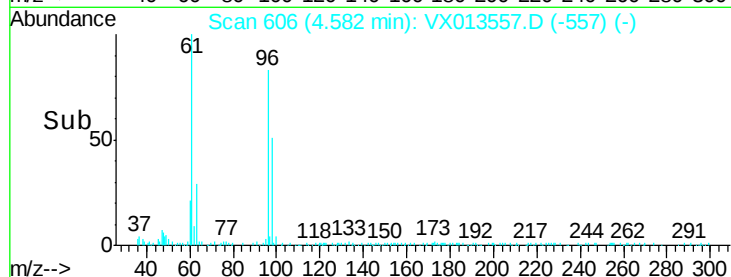
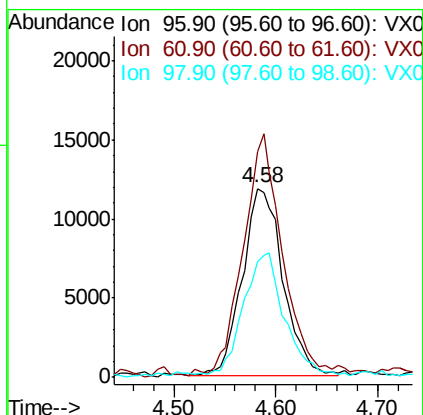
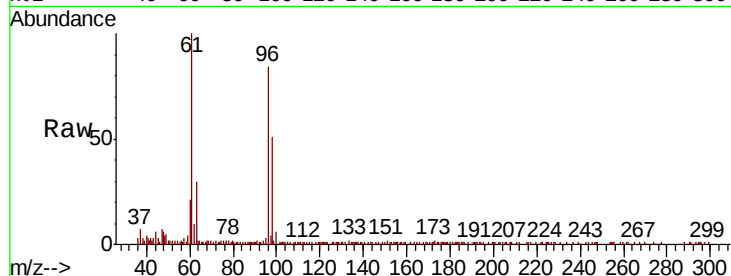


#27

cis-1,2-Dichloroethene
Concen: 4.470 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013557.D
Acq: 23 Nov 2019 01:16

Instrument :
MSVOA_X
ClientSampleId :
20BR-20191120DL

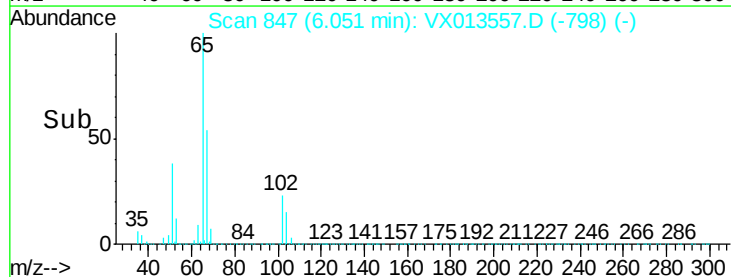
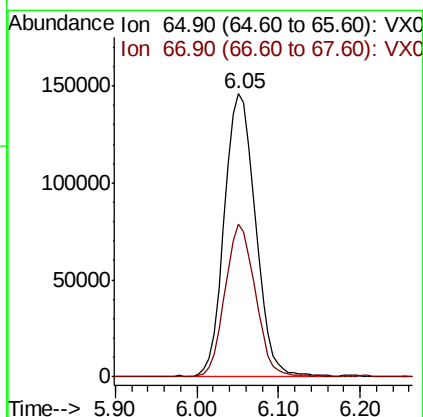
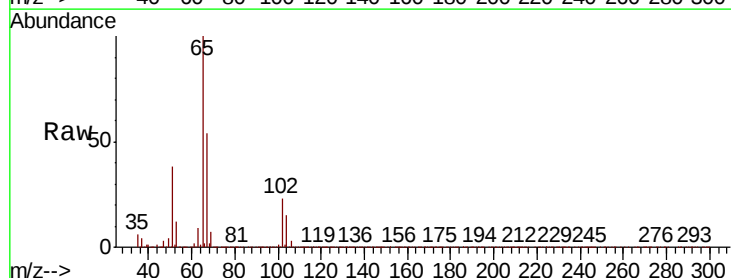
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	288.0
98	66.6	0.0	129.6

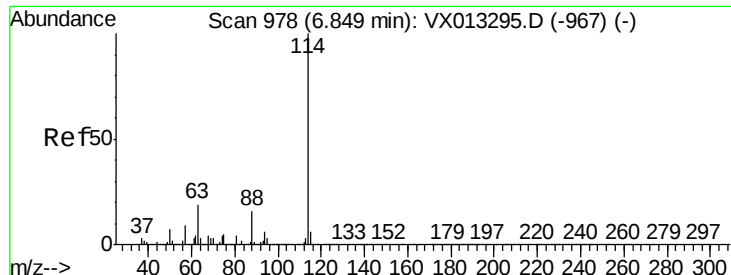


#33

1,2-Dichloroethane-d4
Concen: 49.873 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013557.D
Acq: 23 Nov 2019 01:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013557.D

Acq: 23 Nov 2019 01:16

Instrument :

MSVOA_X

ClientSampleId :

20BR-20191120DL

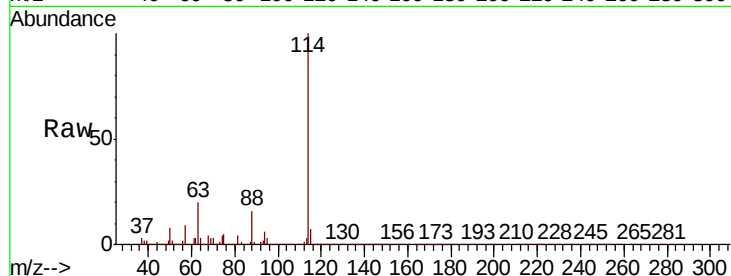
Tot Ion:114 Resp: 1046779

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

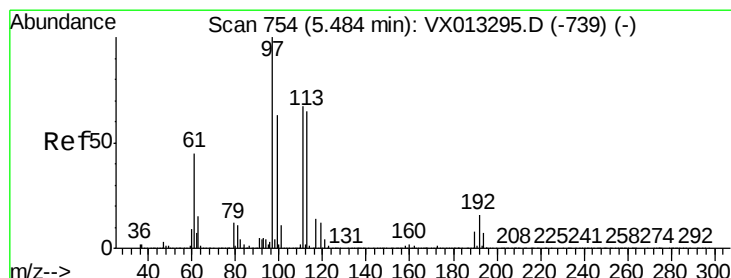
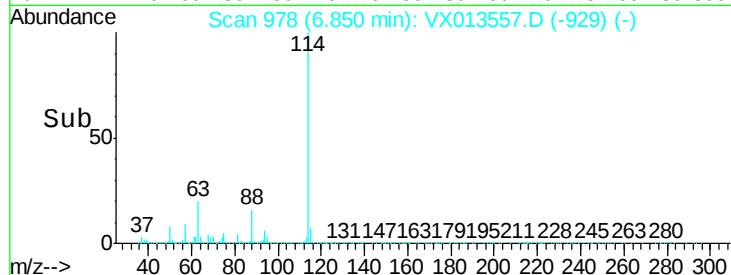
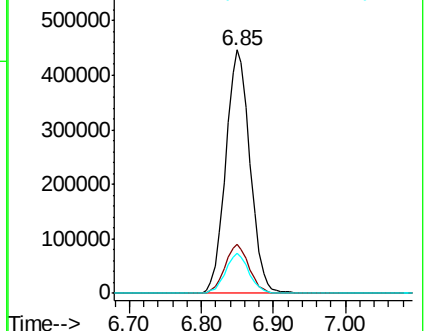
88 16.2 0.0 32.2



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: 48.006 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013557.D

Acq: 23 Nov 2019 01:16

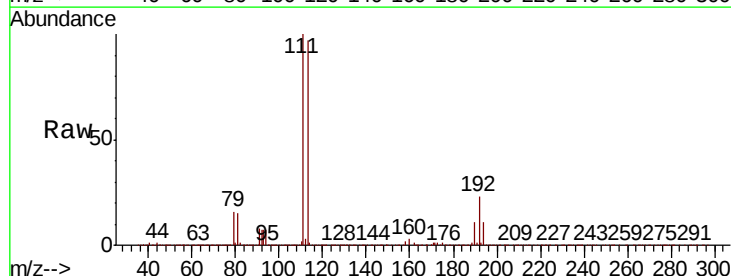
Tgt Ion:113 Resp: 315184

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

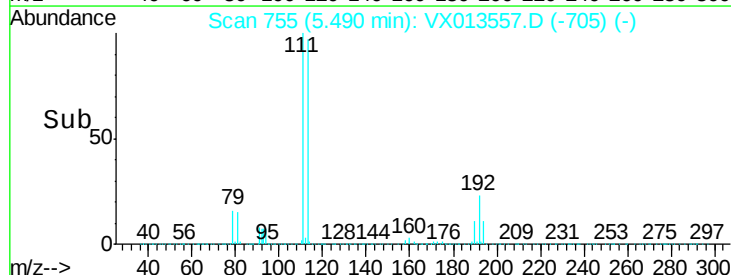
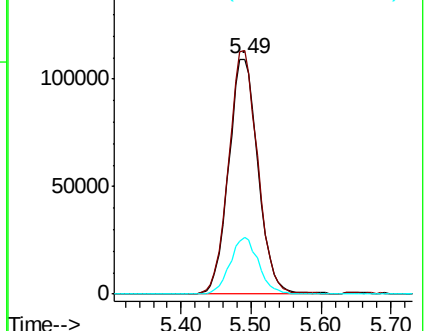
192 24.0 19.1 28.7

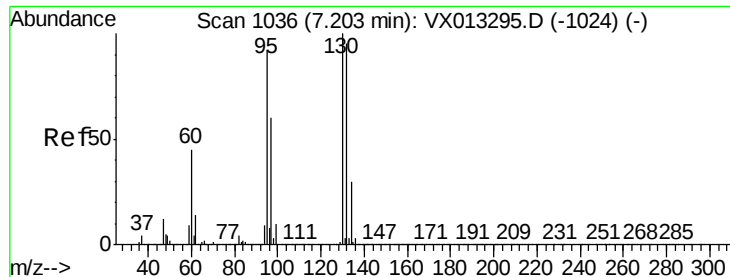


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

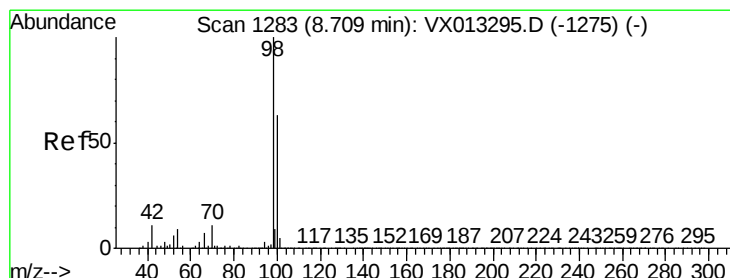
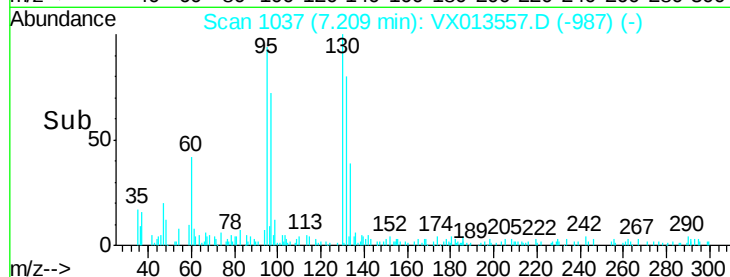
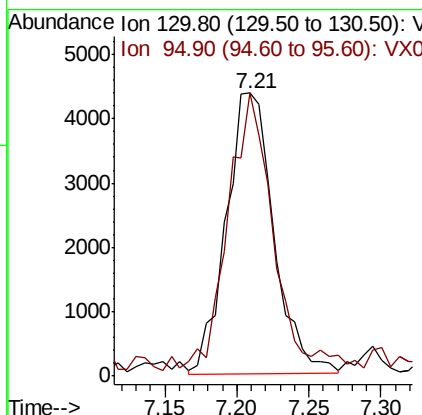
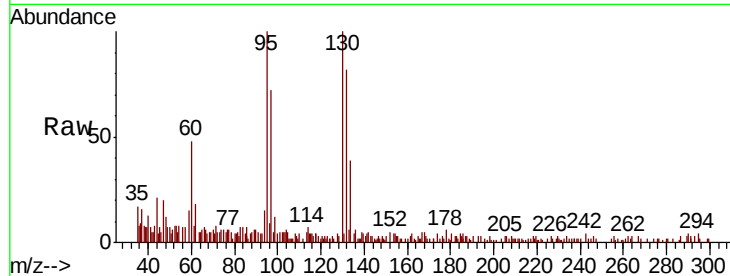




#44
 Trichloroethene
 Concen: 1.309 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013557.D
 Acq: 23 Nov 2019 01:16

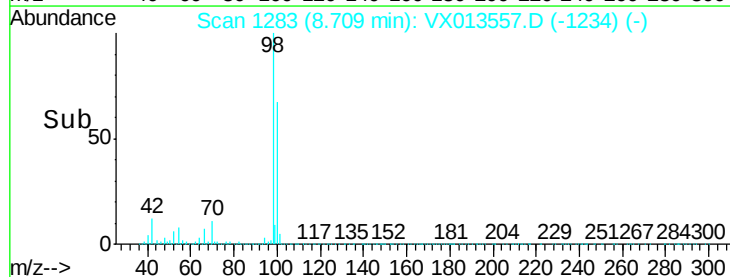
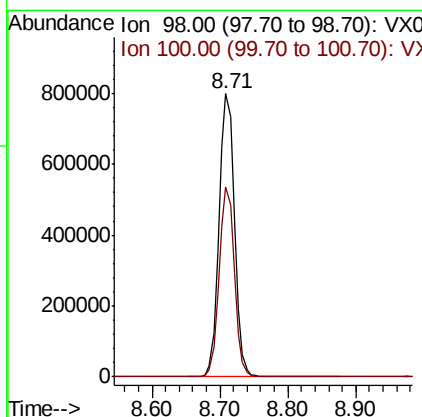
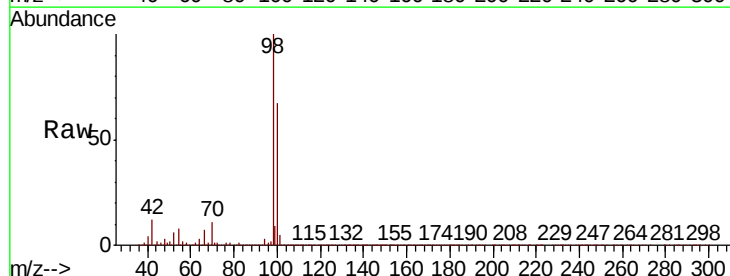
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20191120DL

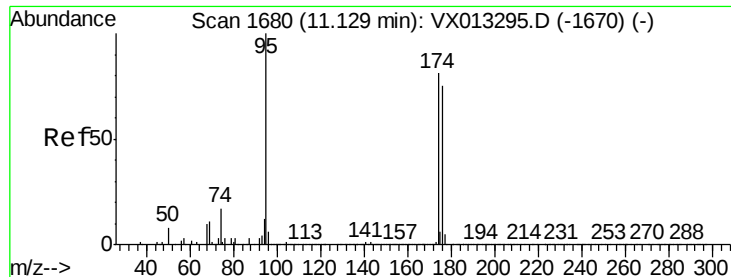
Tot Ion:130 Resp: 10080
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 184.8



#50
 Toluene-d8
 Concen: 50.619 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013557.D
 Acq: 23 Nov 2019 01:16

Tgt Ion: 98 Resp: 1252887
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.2 78.2

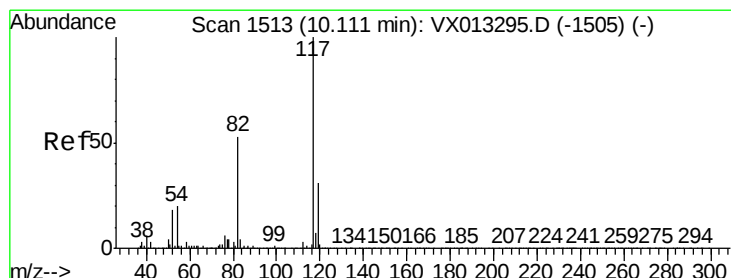
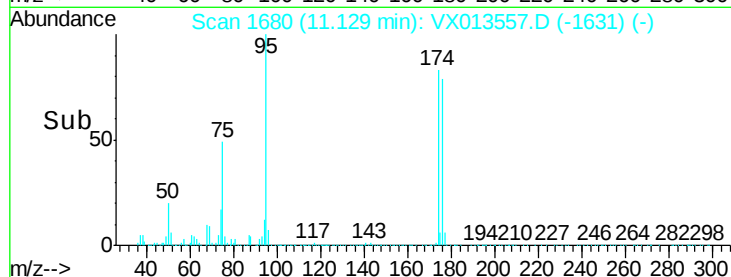
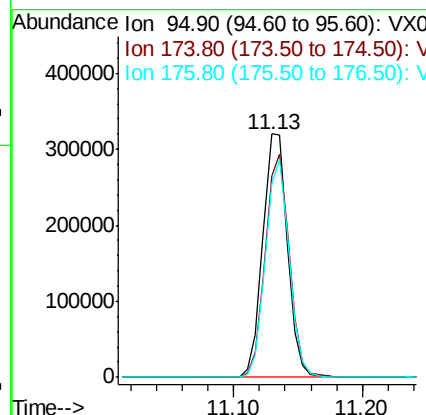
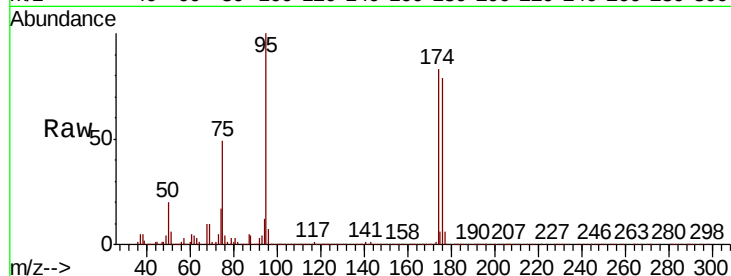




#62
4-Bromofluorobenzene
Concen: 47.354 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013557.D
Acq: 23 Nov 2019 01:16

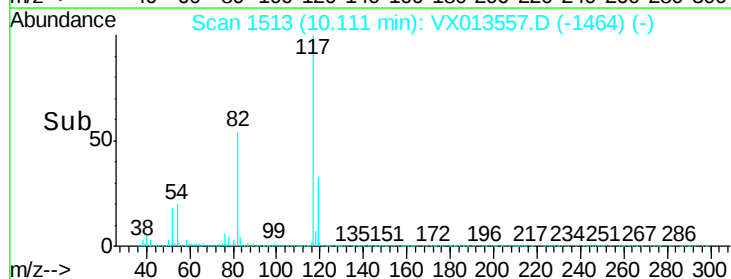
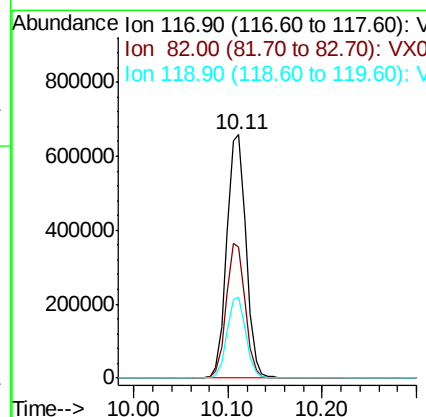
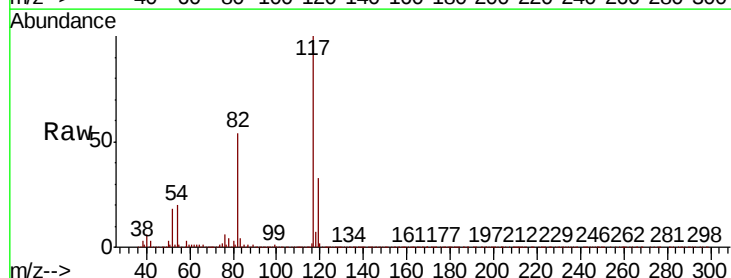
Instrument :
MSVOA_X
ClientSampleId :
20BR-20191120DL

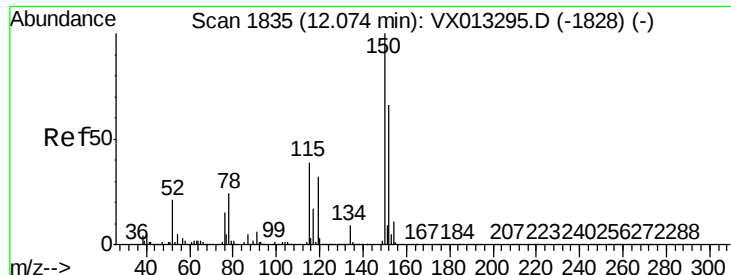
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	179.8
176	86.1	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013557.D
Acq: 23 Nov 2019 01:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	64.0
119	33.3	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013557.D

Acq: 23 Nov 2019 01:16

Instrument :

MSVOA_X

ClientSampleId :

20BR-20191120DL

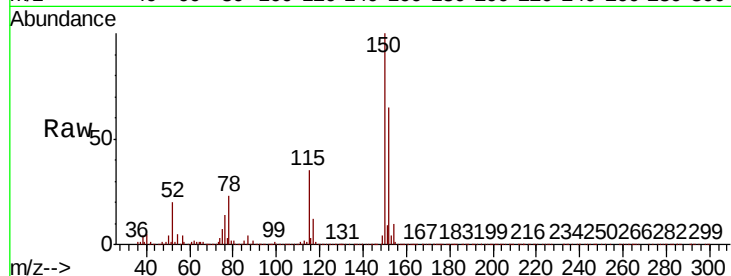
Tot Ion:152 Resp: 423692

Ion Ratio Lower Upper

152 100

115 54.6 39.5 118.3

150 156.6 0.0 344.4



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

