

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013553.D
 Acq On : 22 Nov 2019 23:43
 Operator : JC/SP
 Sample : K5962-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

Quant Time: Nov 23 01:26:45 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

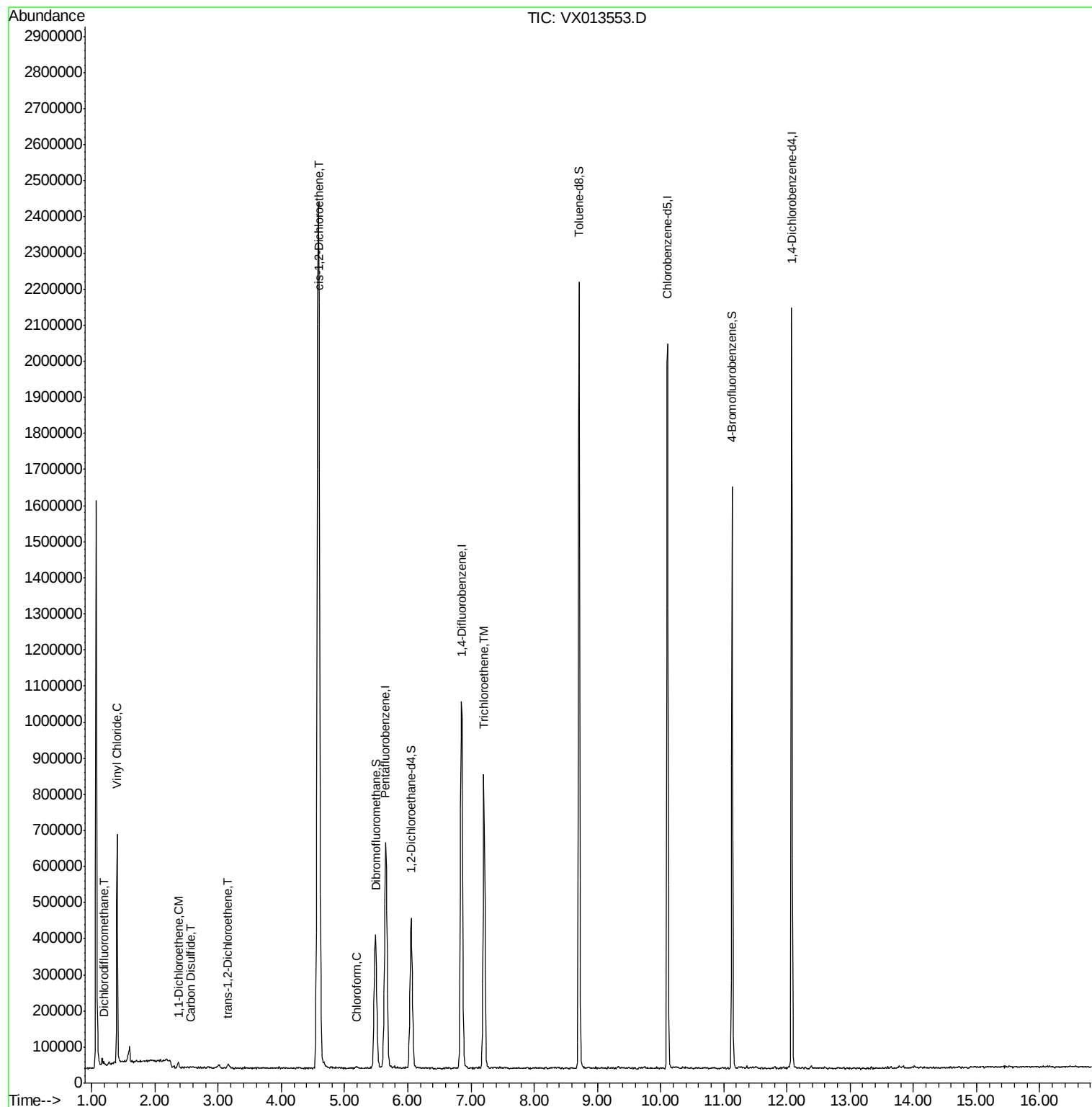
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	662696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1070292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	956007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	426994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	386155	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	325457	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	1279628	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	428090	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	8684	1.137	ug/l	99
4) Vinyl Chloride	1.40	62	391642	41.546	ug/l	100
12) 1,1-Dichloroethene	2.37	96	5174	0.851	ug/l #	87
17) Carbon Disulfide	2.56	76	4886	0.300	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	6073	0.918	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	1551713	209.286	ug/l	89
30) Chloroform	5.20	83	4150	0.352	ug/l	85
44) Trichloroethene	7.20	130	331668	42.128	ug/l	100

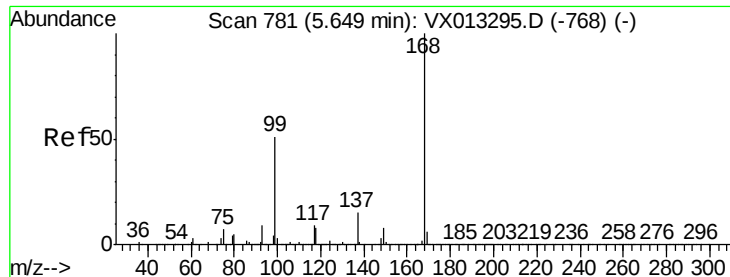
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

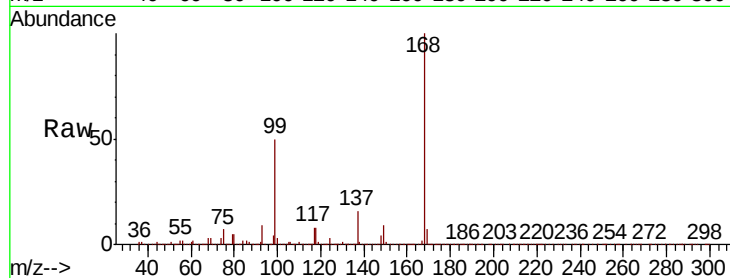
BRP2-20191120

Tot Ion:168 Resp: 662696

Ion Ratio Lower Upper

168 100

99 50.4 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

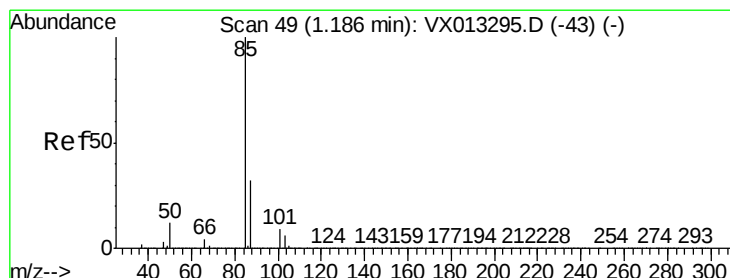
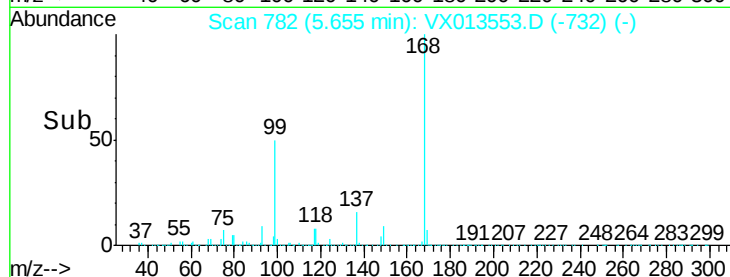
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.137 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013553.D

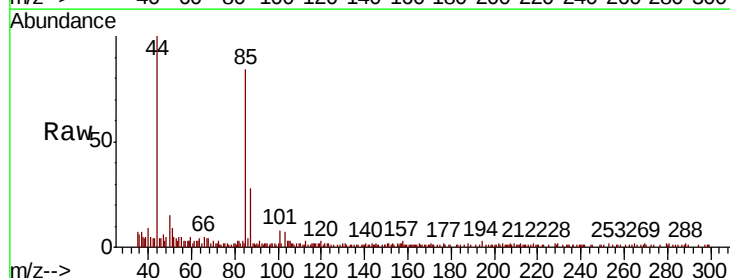
Acq: 22 Nov 2019 23:43

Tgt Ion: 85 Resp: 8684

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

8000

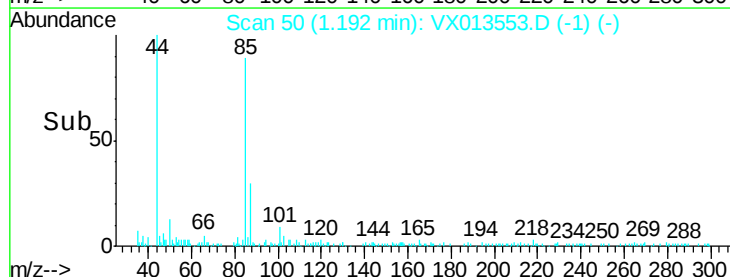
6000

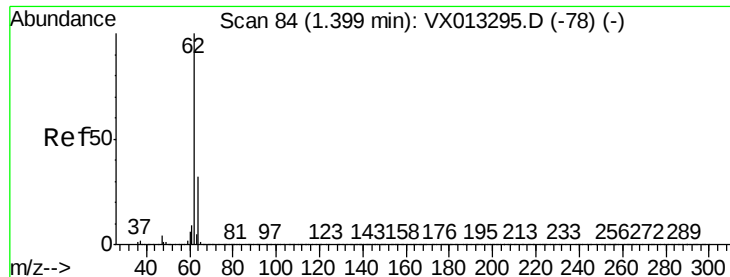
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 41.546 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

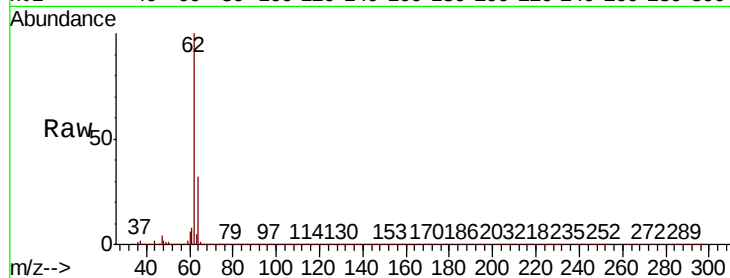
BRP2-20191120

Tot Ion: 62 Resp: 391642

Ion Ratio Lower Upper

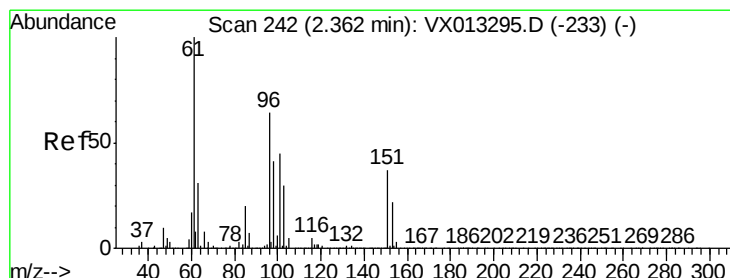
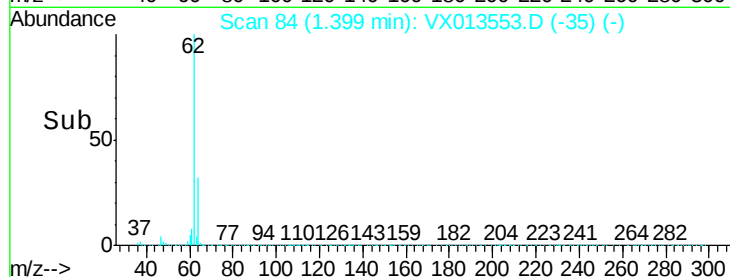
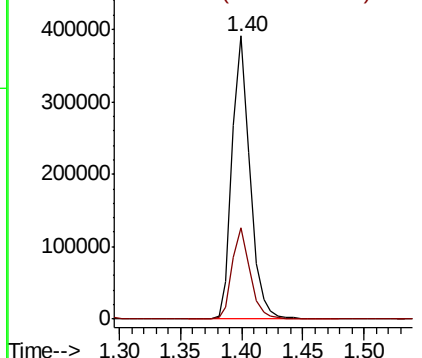
62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 0.851 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

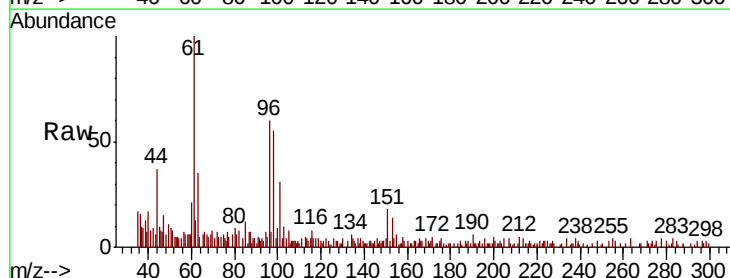
Tgt Ion: 96 Resp: 5174

Ion Ratio Lower Upper

96 100

61 166.7 125.0 187.6

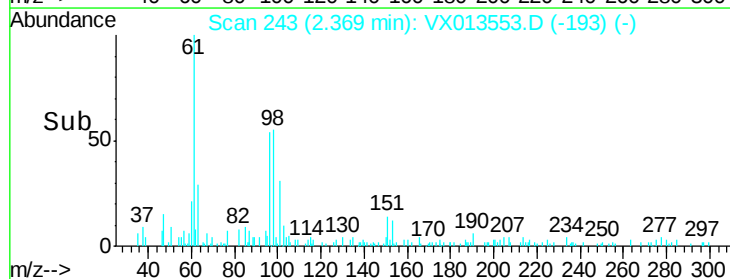
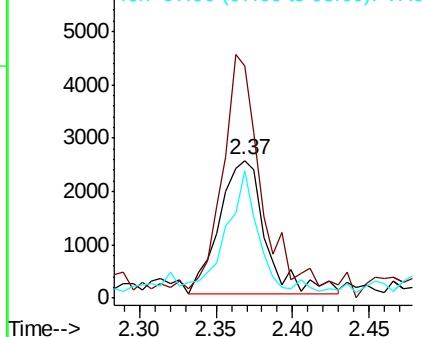
98 83.7 50.7 76.1#

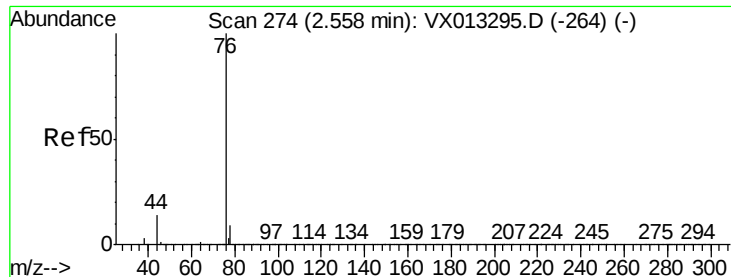


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#17

Carbon Disulfide

Concen: 0.300 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

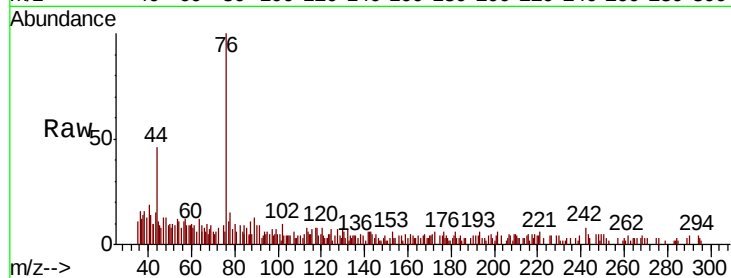
BRP2-20191120

Tot Ion: 76 Resp: 4886

Ion Ratio Lower Upper

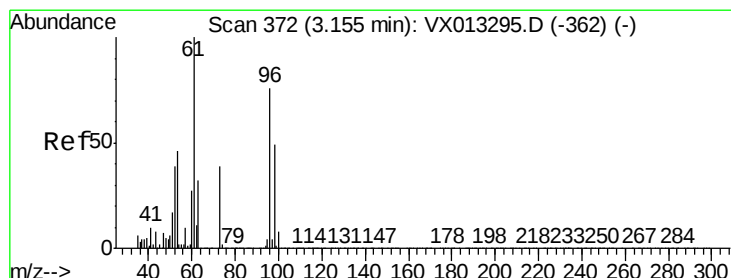
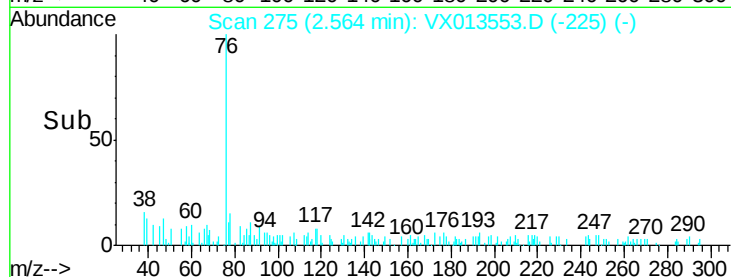
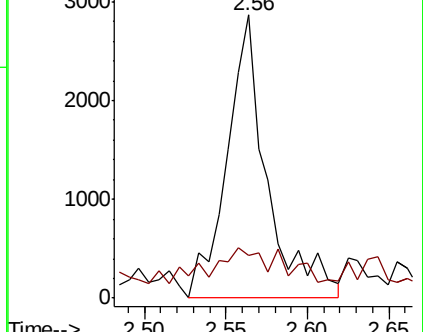
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.918 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

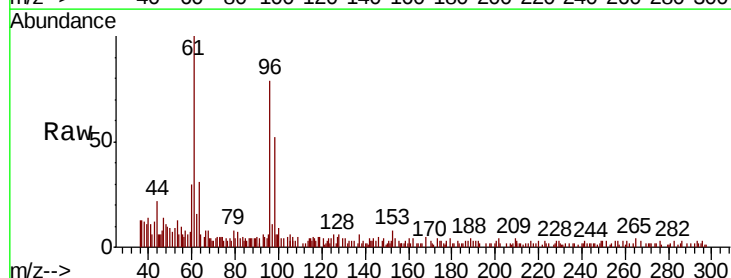
Tgt Ion: 96 Resp: 6073

Ion Ratio Lower Upper

96 100

61 126.3 105.8 158.6

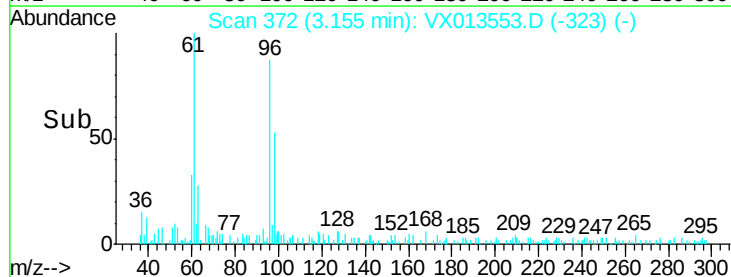
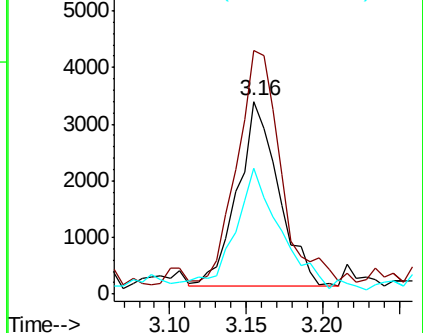
98 61.4 51.8 77.6

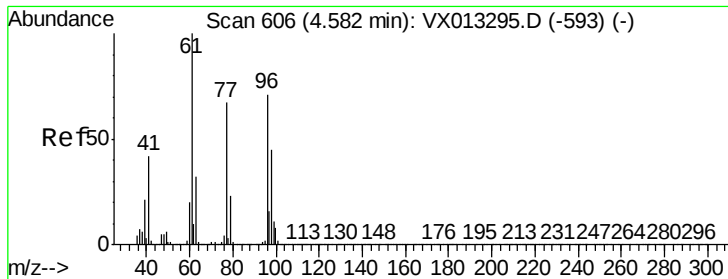


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



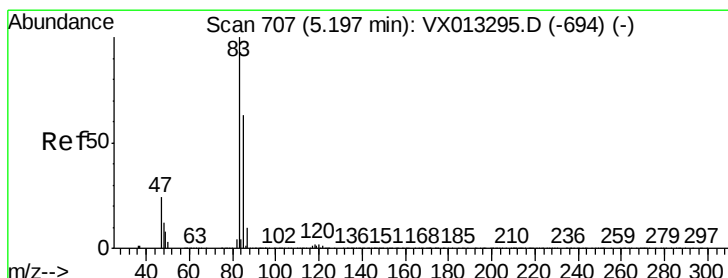
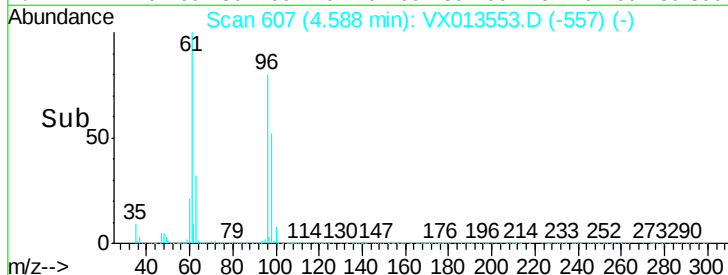
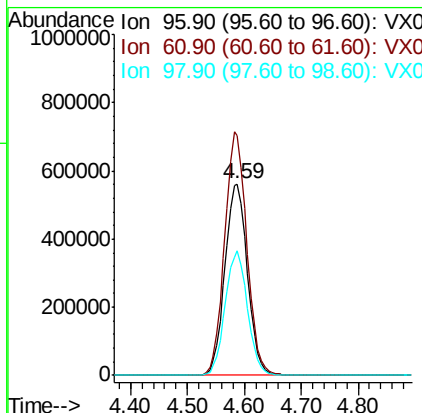
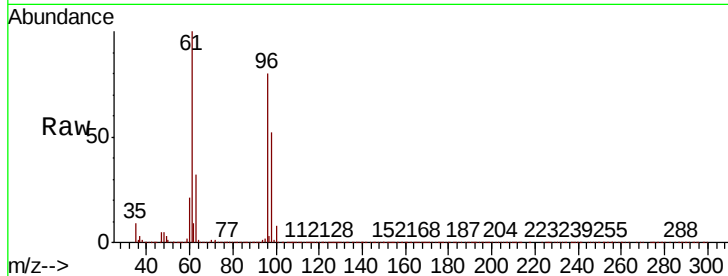


#27

cis-1,2-Dichloroethene
 Concen: 209.286 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

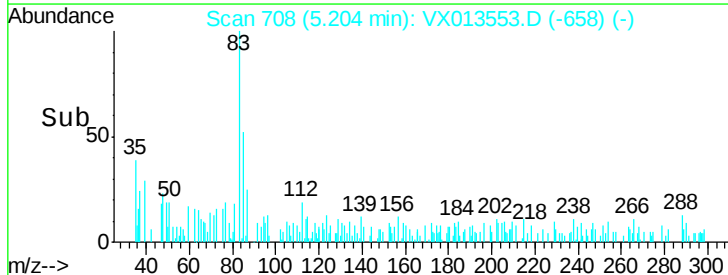
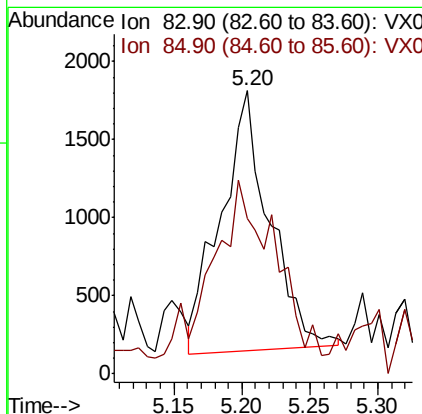
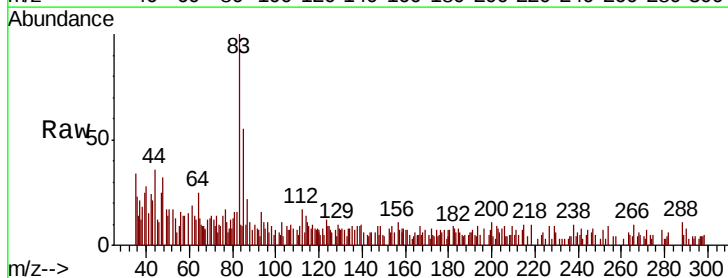
Tot Ion: 96 Resp: 1551713
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 288.0
 98 64.5 0.0 129.6

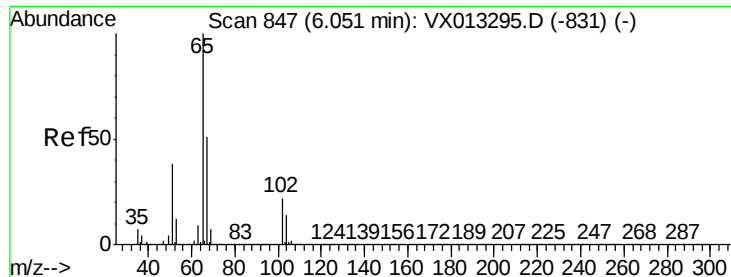


#30

Chloroform
 Concen: 0.352 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Tgt Ion: 83 Resp: 4150
 Ion Ratio Lower Upper
 83 100
 85 51.1 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 49.186 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

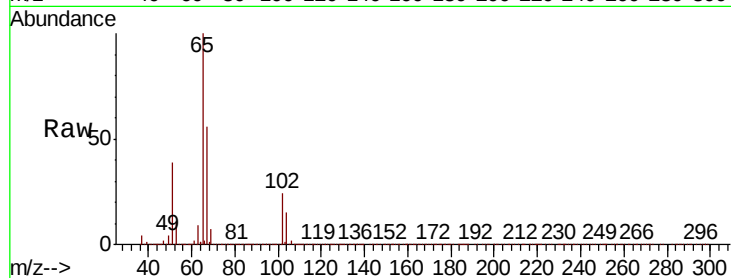
BRP2-20191120

Tot Ion: 65 Resp: 386155

Ion Ratio Lower Upper

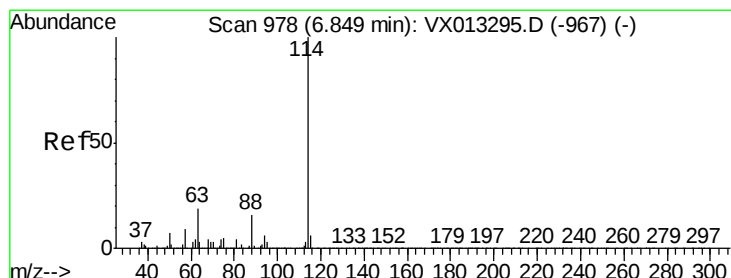
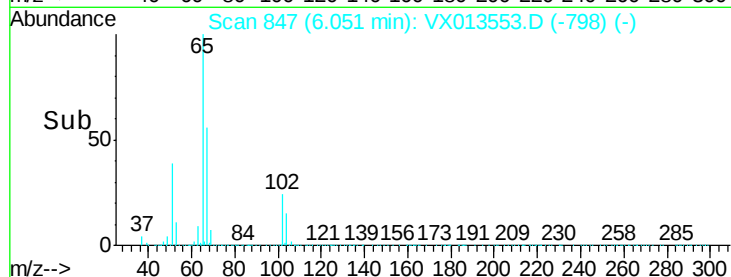
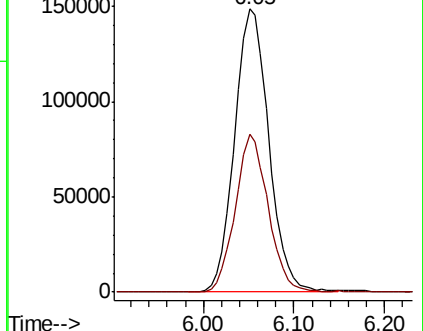
65 100

67 53.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

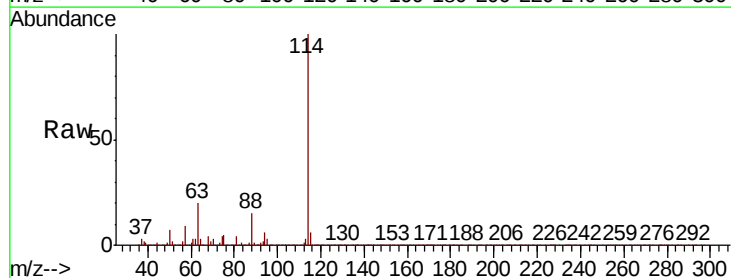
Tgt Ion: 114 Resp: 1070292

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

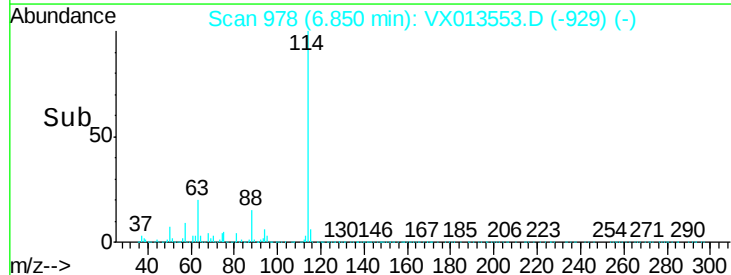
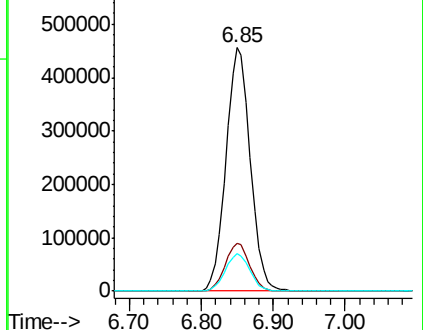
88 15.2 0.0 32.2

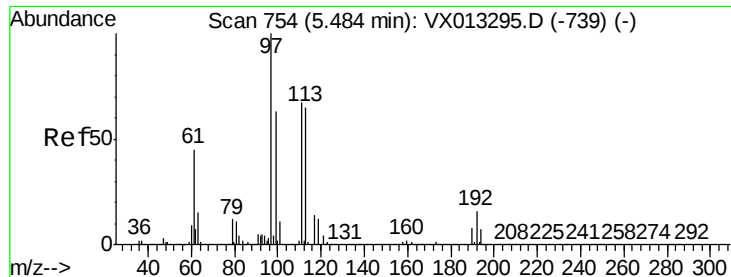


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

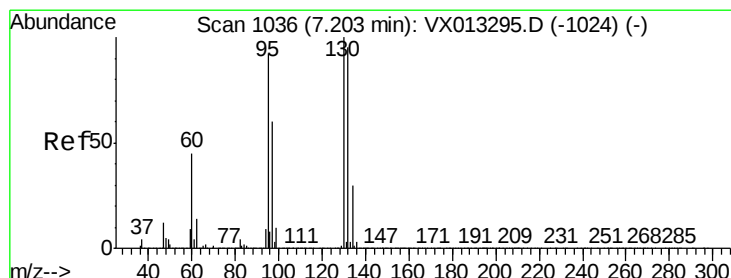
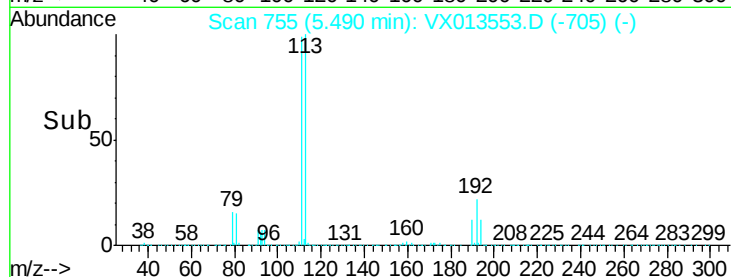
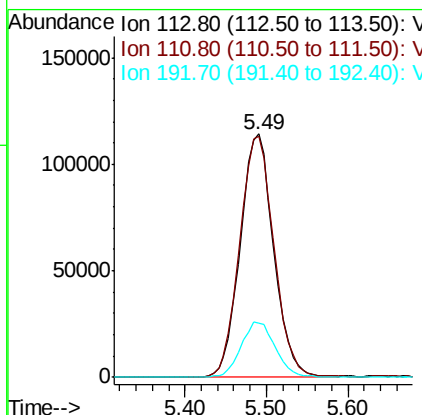
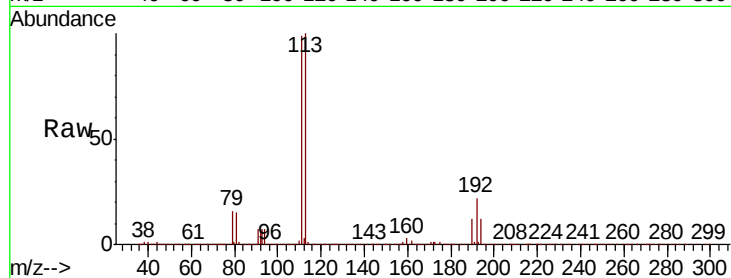




#35
 Dibromofluoromethane
 Concen: 48.482 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

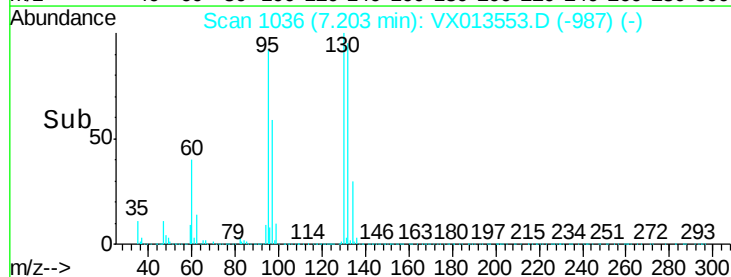
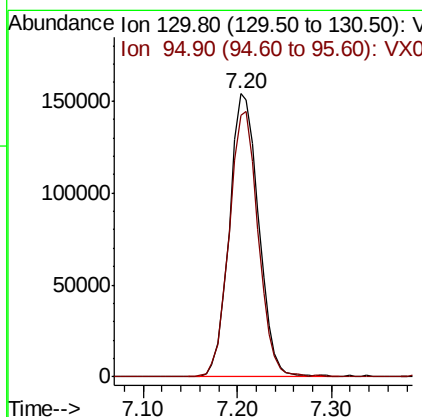
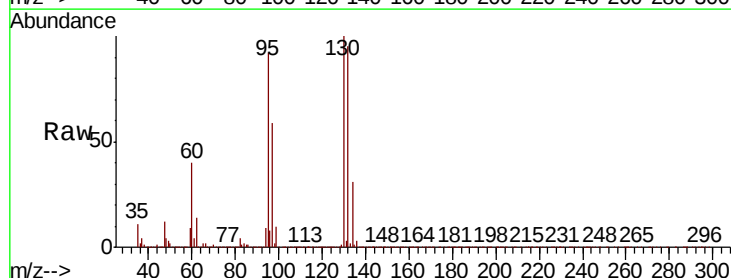
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 BRP2-20191120

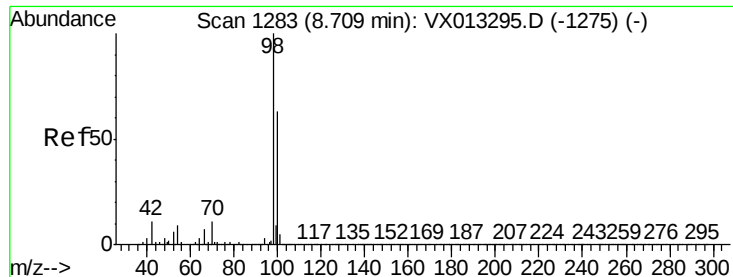
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	23.4	19.1	28.7



#44
 Trichloroethene
 Concen: 42.128 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	184.8

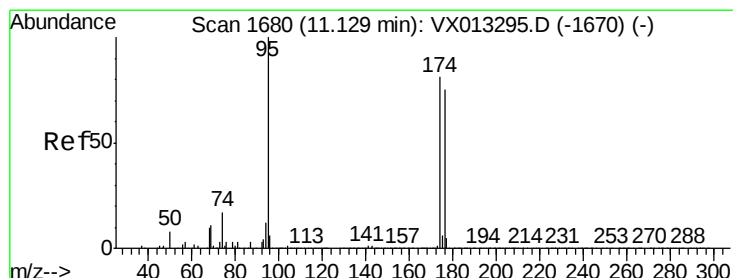
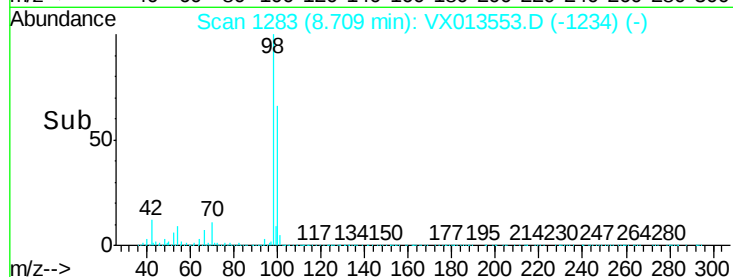
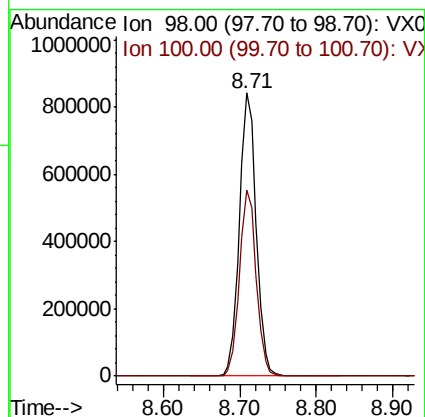
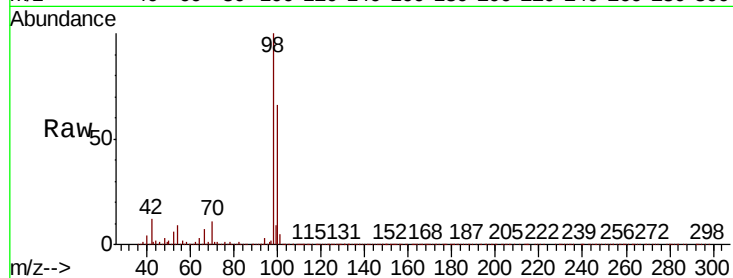




#50
Toluene-d8
Concen: 50.564 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013553.D
Acq: 22 Nov 2019 23:43

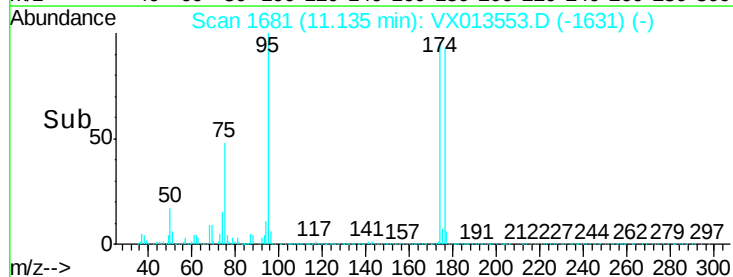
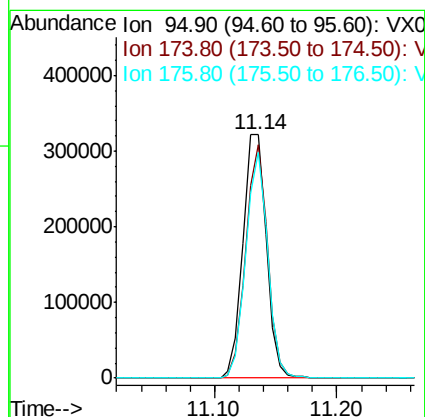
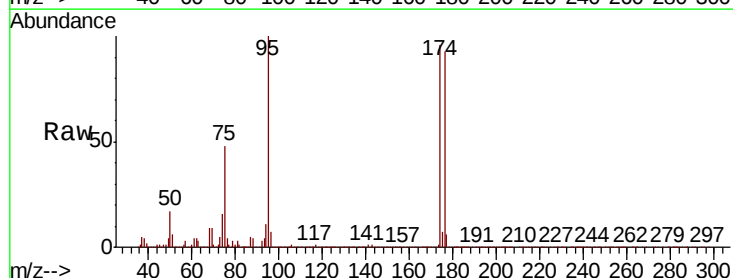
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20191120

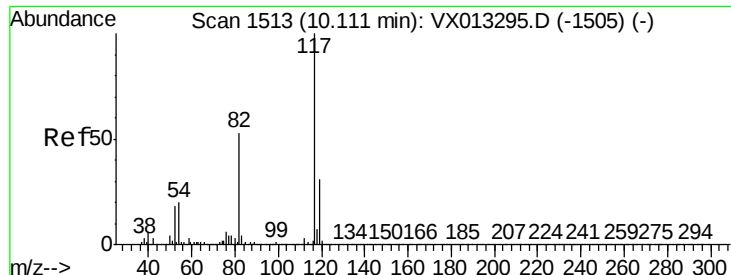
Tot Ion: 98 Resp: 1279628
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.870 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013553.D
Acq: 22 Nov 2019 23:43

Tgt Ion: 95 Resp: 428090
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.8
176 86.5 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: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

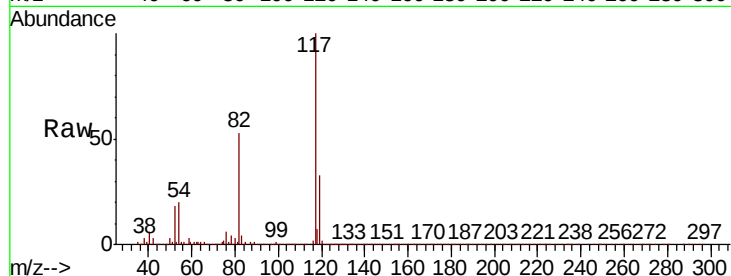
Tot Ion:117 Resp: 956007

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

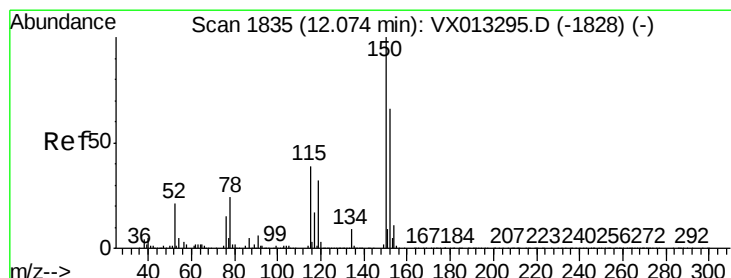
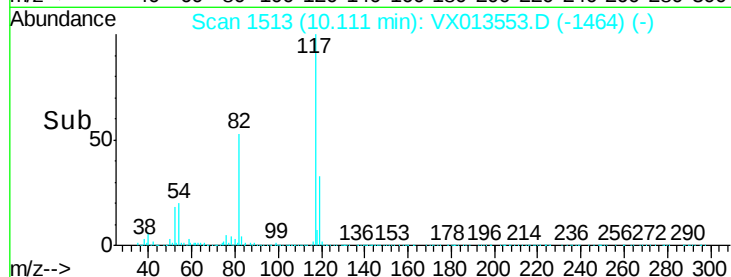
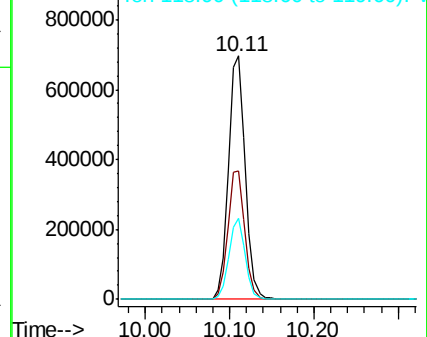
119 33.1 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

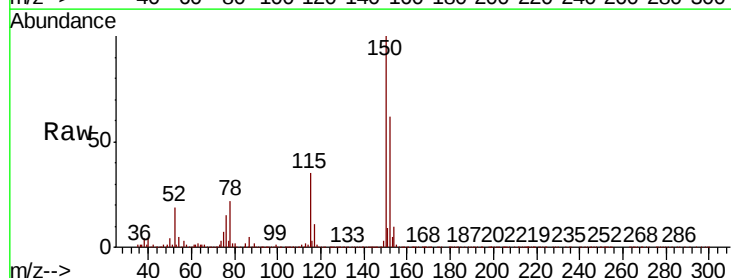
Tgt Ion:152 Resp: 426994

Ion Ratio Lower Upper

152 100

115 55.7 39.5 118.3

150 159.2 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

