

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: Dec 03 07:38:22 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

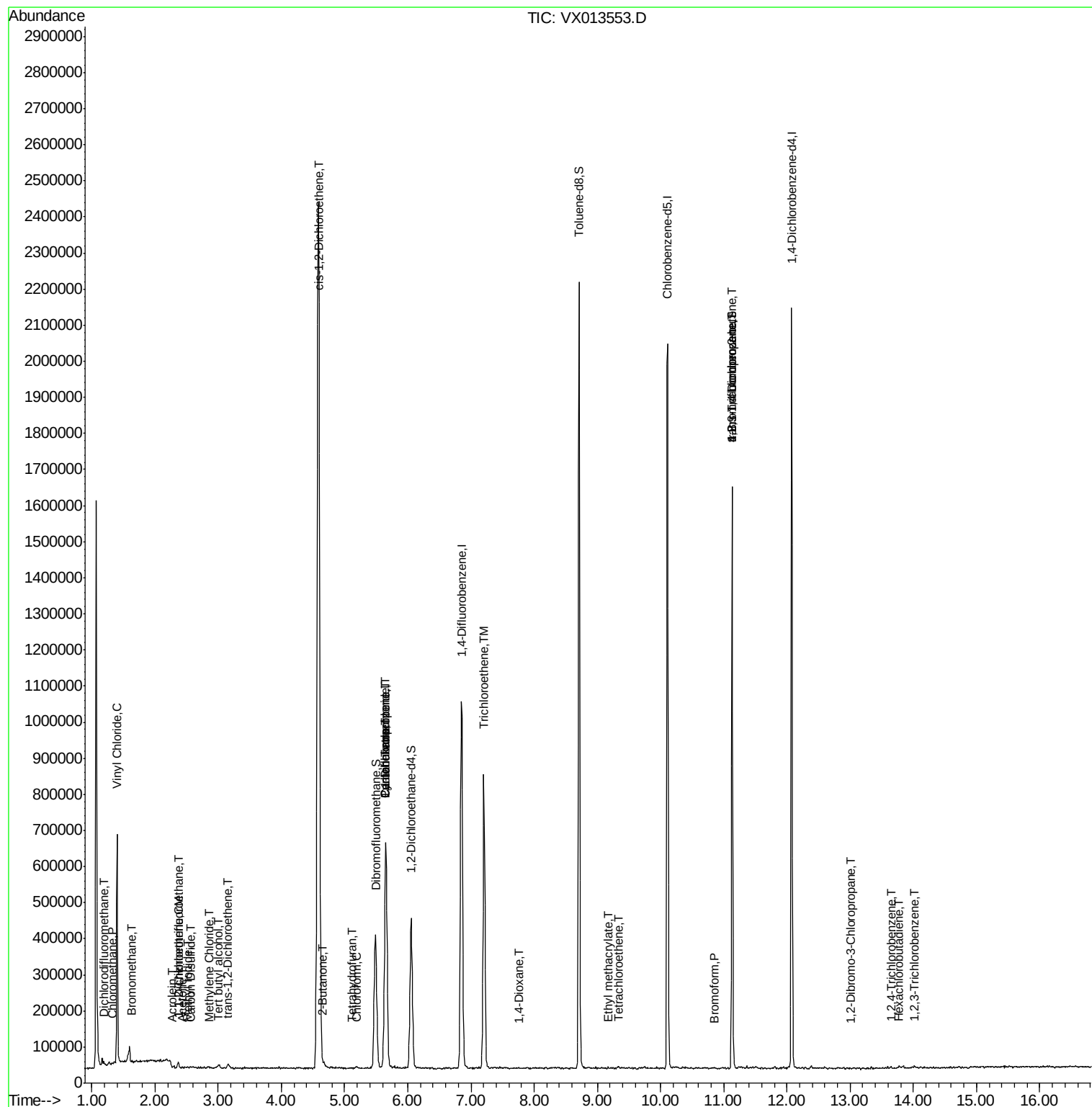
						Qvalue
2) Dichlorodifluoromethane	1.19	85	8684	1.137	ug/l	99
3) Chloromethane	1.32	50	1891	0.228	ug/l #	82
4) Vinyl Chloride	1.40	62	391642	41.546	ug/l	100
5) Bromomethane	1.64	94	2342	0.357	ug/l #	61
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2474	0.399	ug/l	92
10) Methyl Iodide	2.51	142	3419	0.445	ug/l #	82
11) Tert butyl alcohol	3.01	59	6841	3.306	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	5174	0.851	ug/l #	87
13) Acrolein	2.27	56	785	0.700	ug/l #	60
16) Acetone	2.43	43	1384	0.353	ug/l #	87
17) Carbon Disulfide	2.56	76	4886	0.300	ug/l	100
20) Methylene Chloride	2.85	84	2853	0.394	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	6073	0.918	ug/l	95
25) 2-Butanone	4.66	43	1556	0.271	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	1551713	209.286	ug/l	89
29) Tetrahydrofuran	5.12	42	1062	0.300	ug/l #	63
30) Chloroform	5.20	83	4150	0.352	ug/l	85
31) Cyclohexane	5.65	56	10906	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	42280	4.605	ug/l #	51
38) Carbon Tetrachloride	5.65	117	56506	6.293	ug/l #	16
44) Trichloroethene	7.20	130	331668	42.128	ug/l	100
49) 1,4-Dioxane	7.75	88	242	1.198	ug/l #	24
56) Ethyl methacrylate	9.17	69	438	1.597	ug/l #	19
64) Tetrachloroethene	9.34	164	1443	0.211	ug/l #	81
71) Bromoform	10.85	173	358	3.253	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	209155	24.116	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	209155	62.074	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.01	75	651	0.259	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.65	180	2180	0.232	ug/l #	83
94) Hexachlorobutadiene	13.78	225	949	0.207	ug/l	80
96) 1,2,3-Trichlorobenzene	14.01	180	2071	0.220	ug/l	91

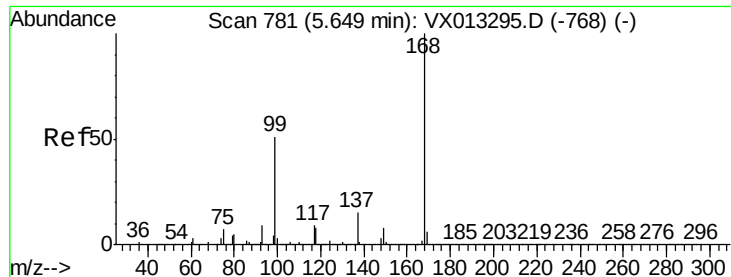
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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: Dec 03 07:38:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
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 :

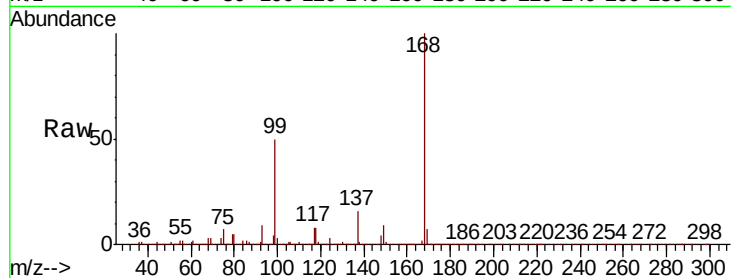
BRP2-20191120

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

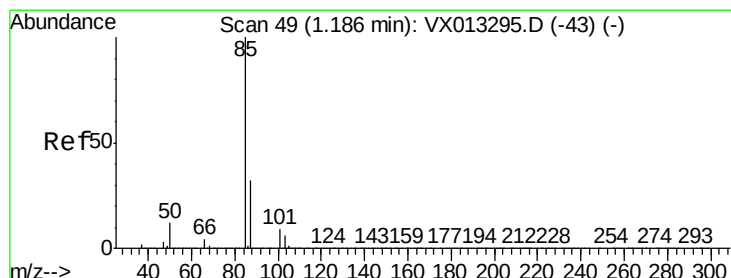
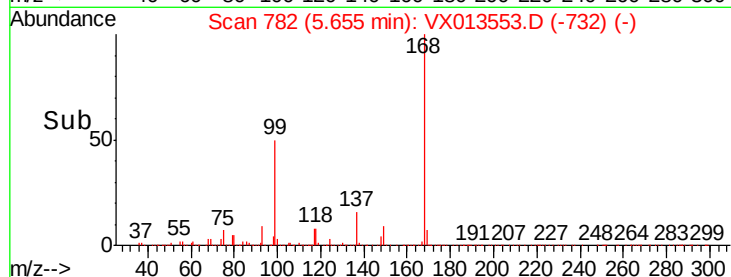
150000

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

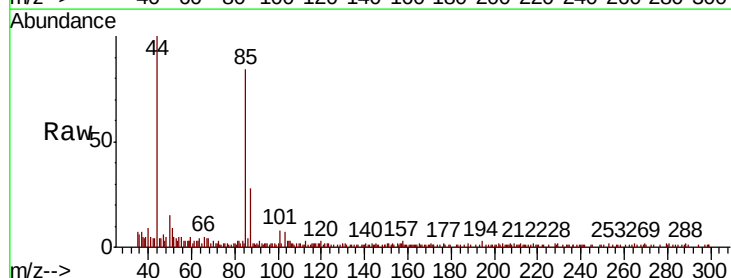
Acq: 22 Nov 2019 23:43

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

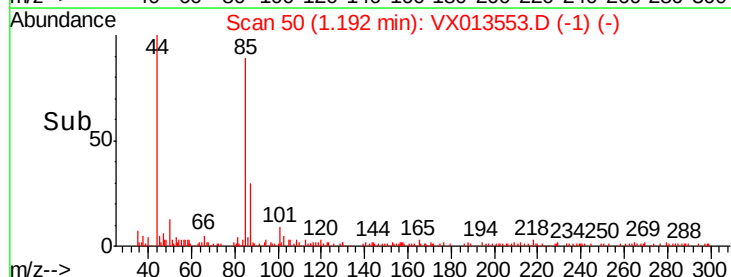
6000

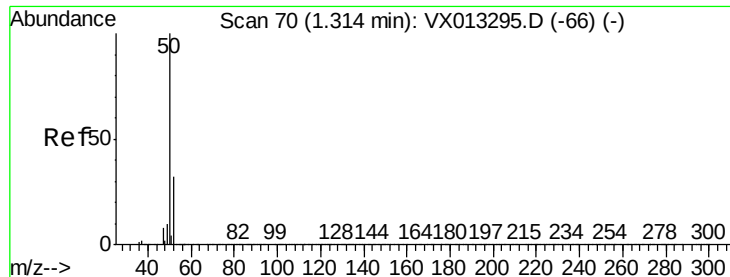
4000

2000

0

Time-->





#3

Chloromethane

Concen: 0.228 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

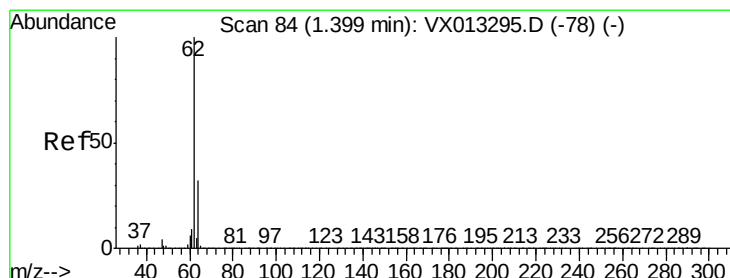
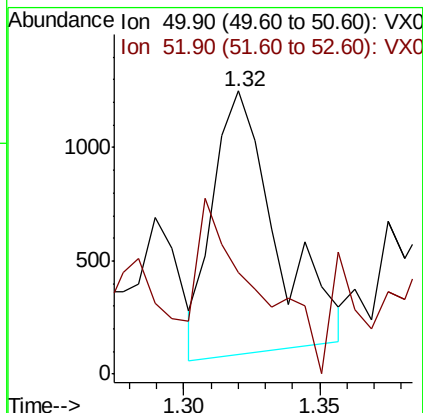
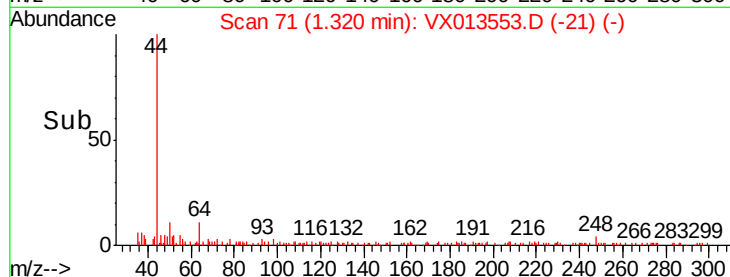
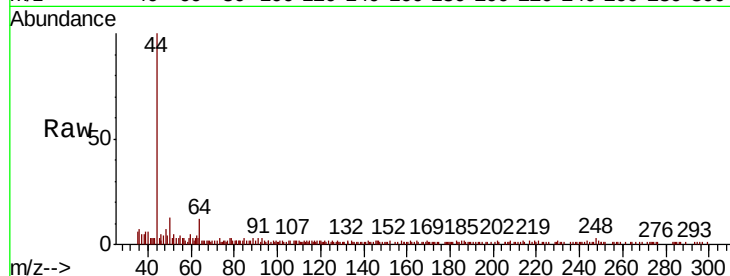
BRP2-20191120

Tot Ion: 50 Resp: 1891

Ion Ratio Lower Upper

50 100

52 21.6 25.5 38.3#



#4

Vinyl Chloride

Concen: 41.546 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013553.D

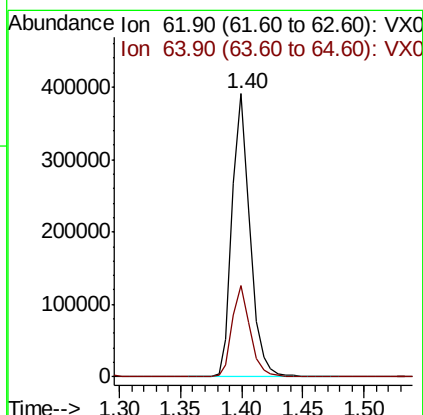
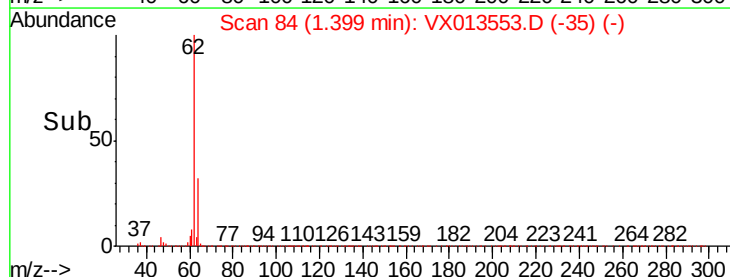
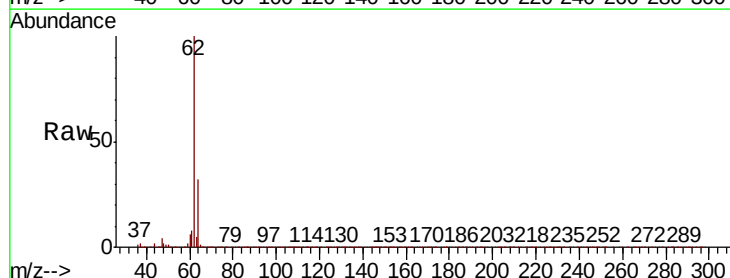
Acq: 22 Nov 2019 23:43

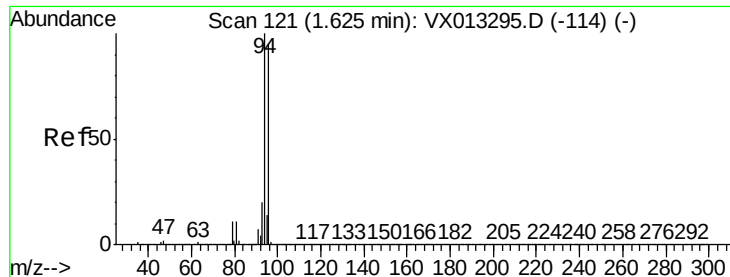
Tgt Ion: 62 Resp: 391642

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 0.357 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

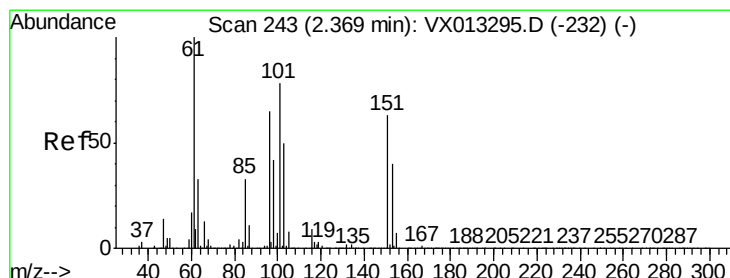
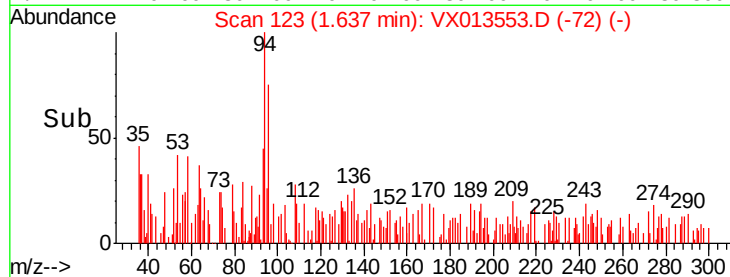
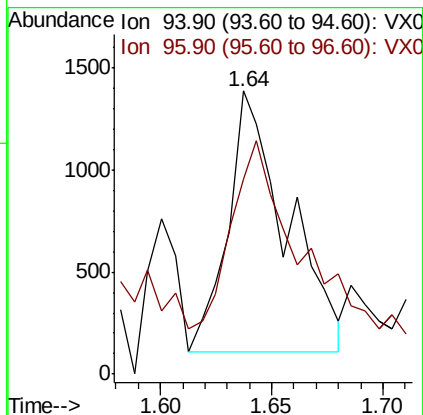
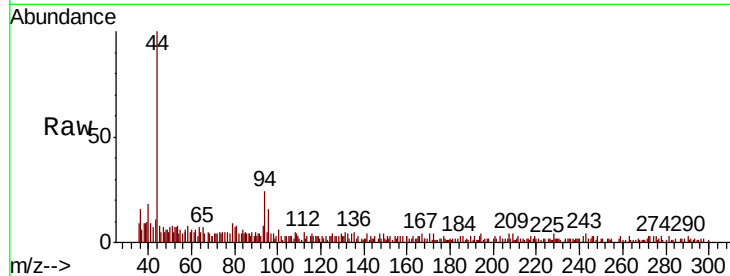
BRP2-20191120

Tot Ion: 94 Resp: 2342

Ion Ratio Lower Upper

94 100

96 57.1 75.8 113.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.399 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

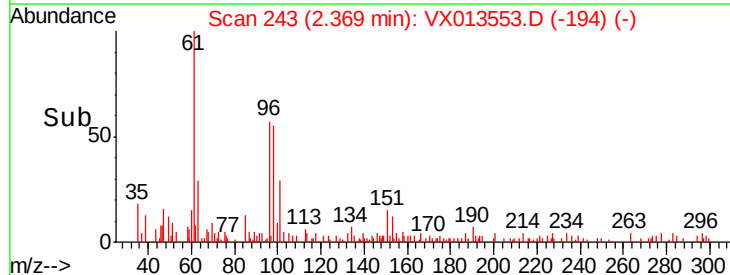
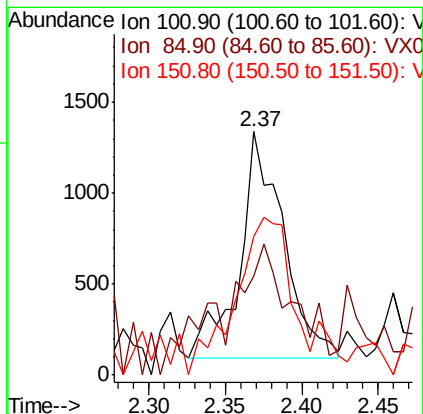
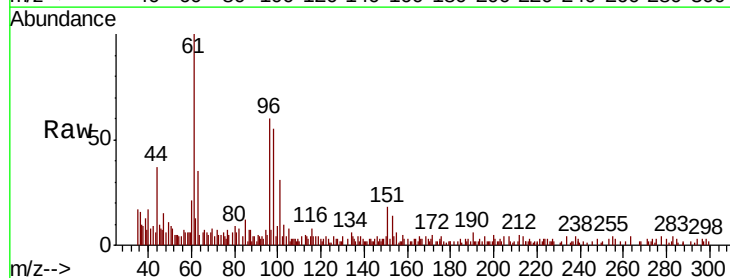
Tgt Ion:101 Resp: 2474

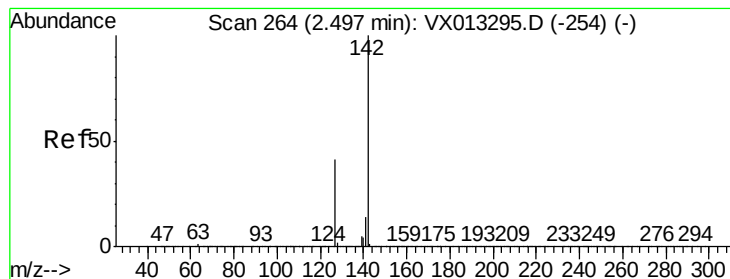
Ion Ratio Lower Upper

101 100

85 51.3 34.4 51.6

151 87.3 66.4 99.6





#10

Methvl Iodide

Concen: 0.445 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

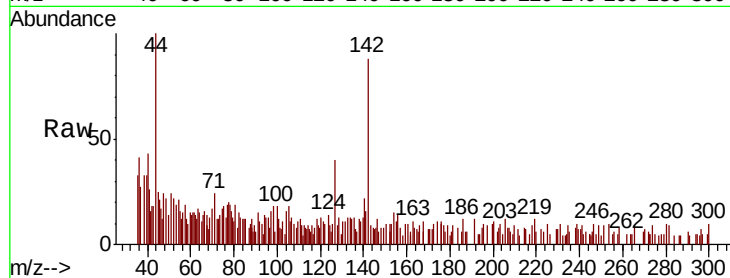
Tot Ion:142 Resp: 3419

Ion Ratio Lower Upper

142 100

127 49.5 32.6 49.0#

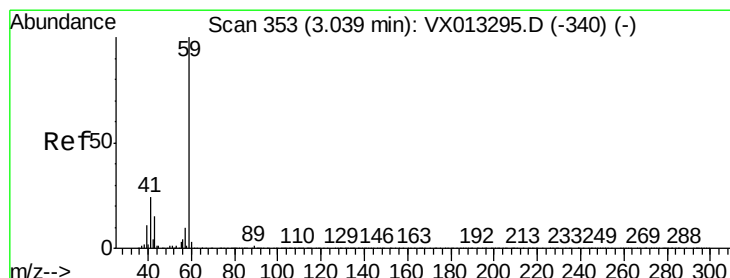
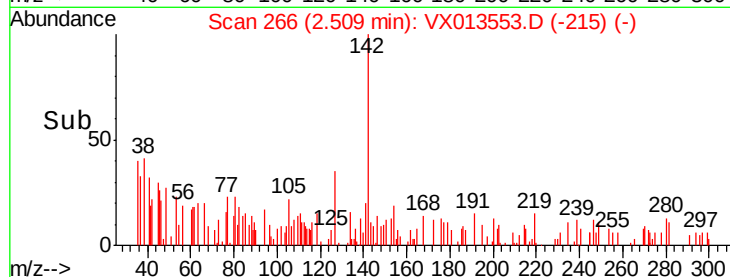
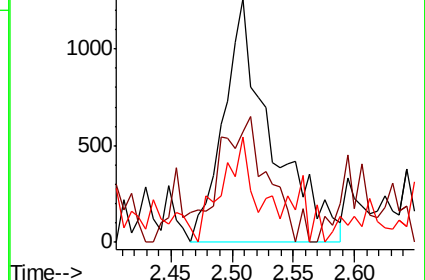
141 25.8 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 3.306 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX013553.D

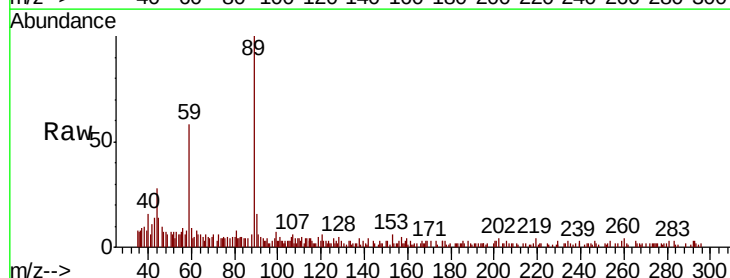
Acq: 22 Nov 2019 23:43

Tgt Ion: 59 Resp: 6841

Ion Ratio Lower Upper

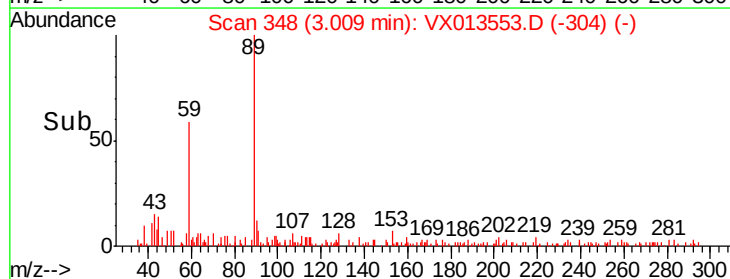
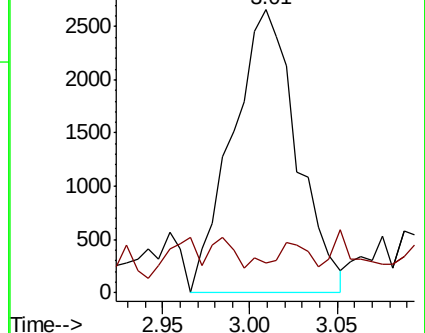
59 100

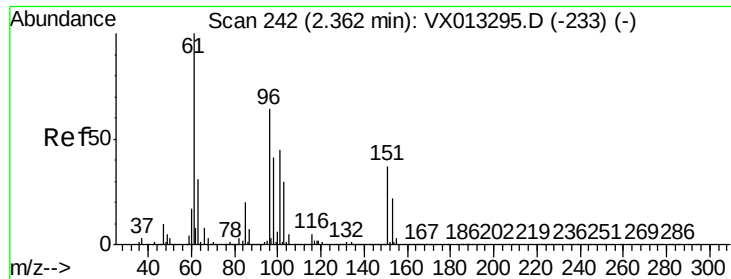
57 6.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): 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

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

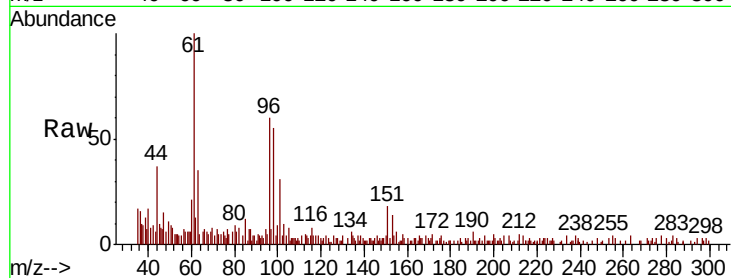
Tot Ion: 96 Resp: 5174

Ion Ratio Lower Upper

96 100

61 166.7 125.0 187.6

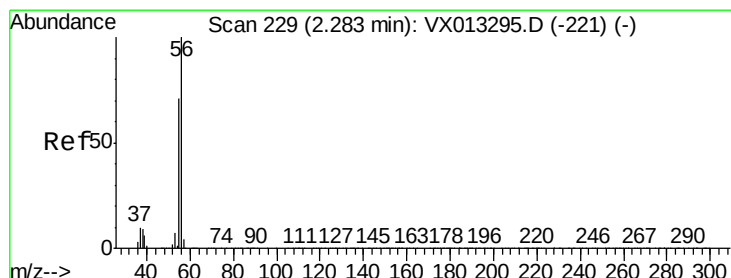
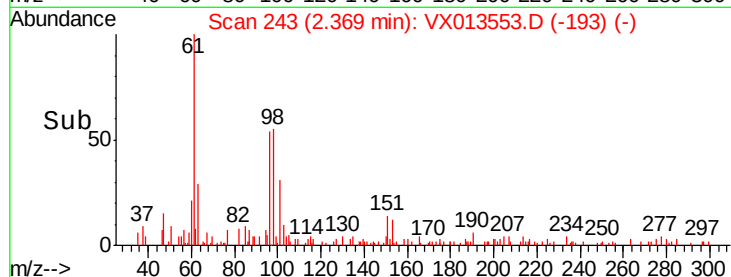
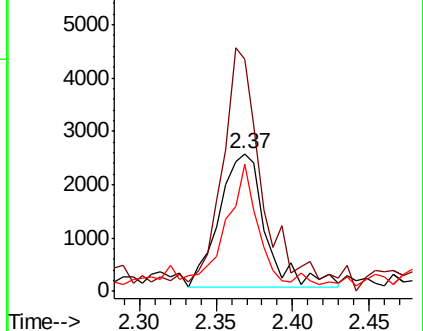
98 83.7 50.7 76.1#



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



#13

Acrolein

Concen: 0.700 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX013553.D

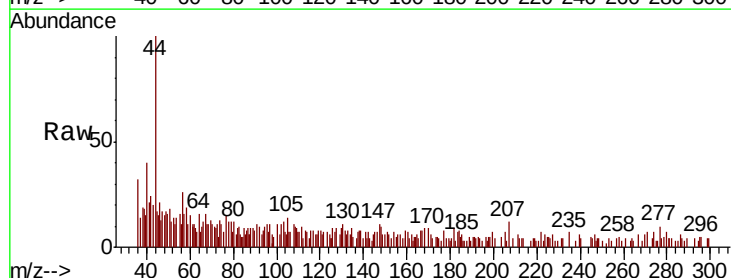
Acq: 22 Nov 2019 23:43

Tgt Ion: 56 Resp: 785

Ion Ratio Lower Upper

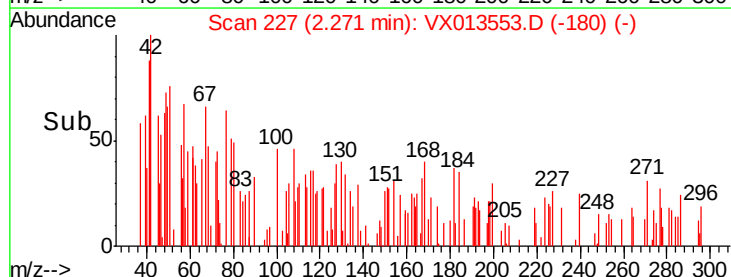
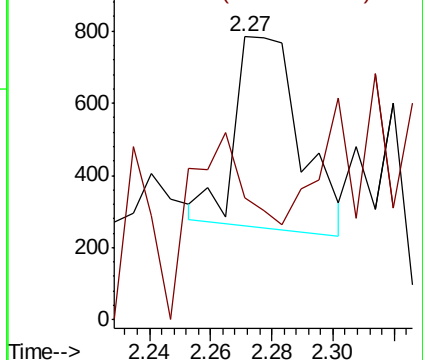
56 100

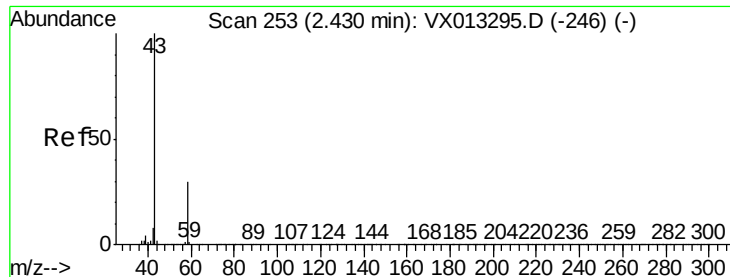
55 105.2 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

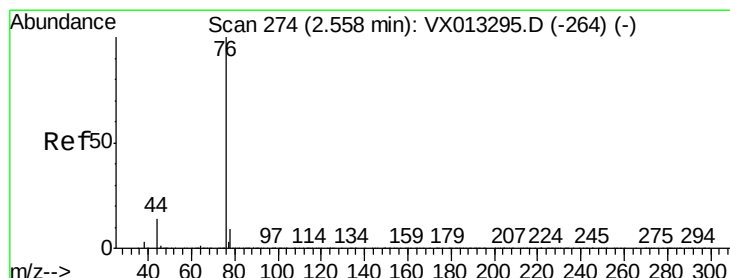
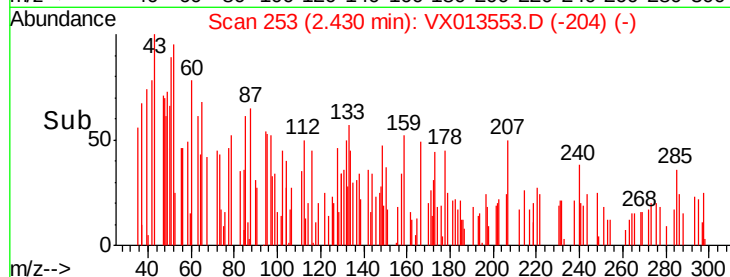
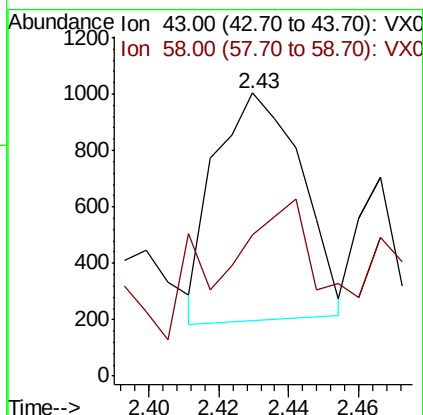
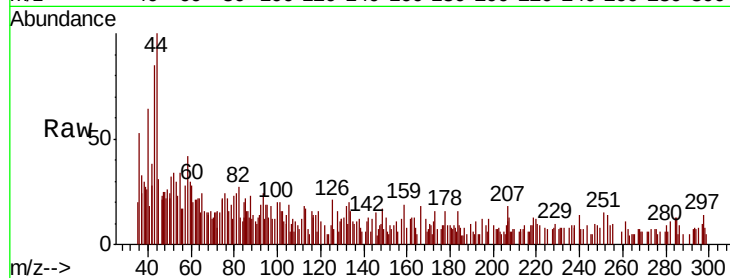




#16
Acetone
Concen: 0.353 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013553.D
Acq: 22 Nov 2019 23:43

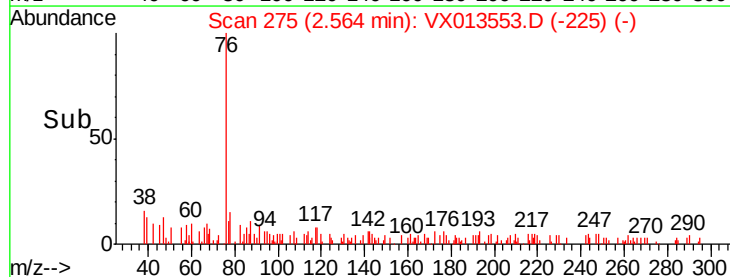
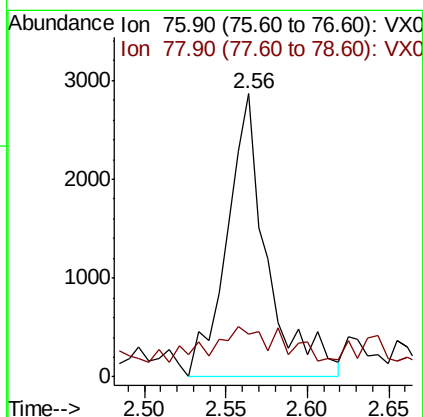
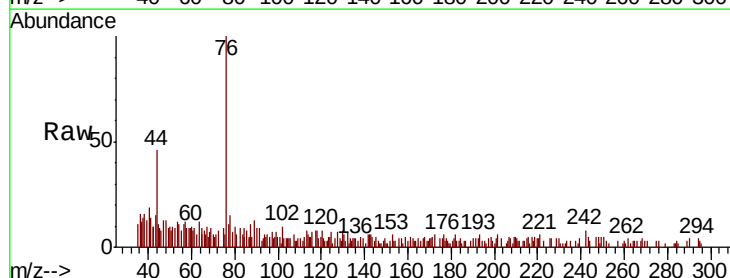
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20191120

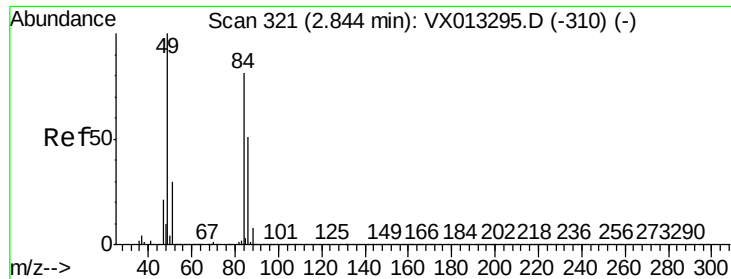
Tot Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 23.5 24.3 36.5#



#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

Tgt Ion: 76 Resp: 4886
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

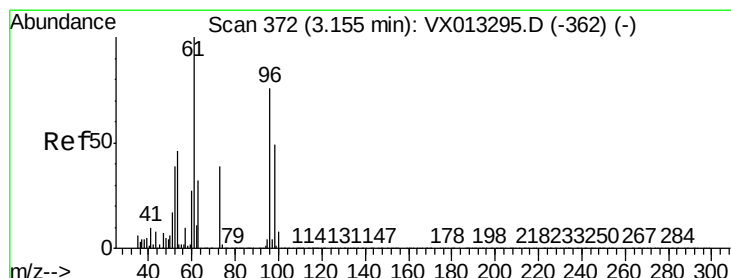
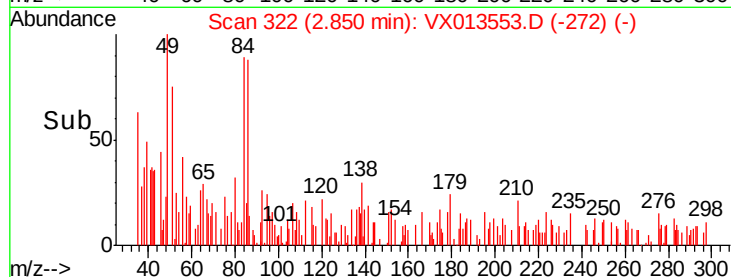
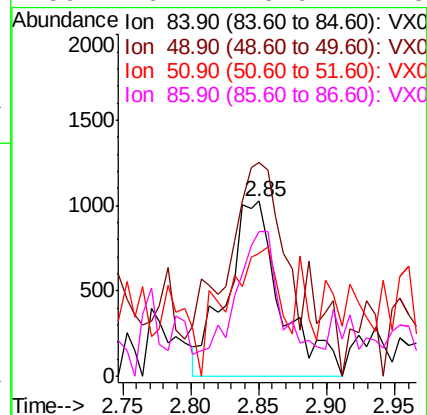
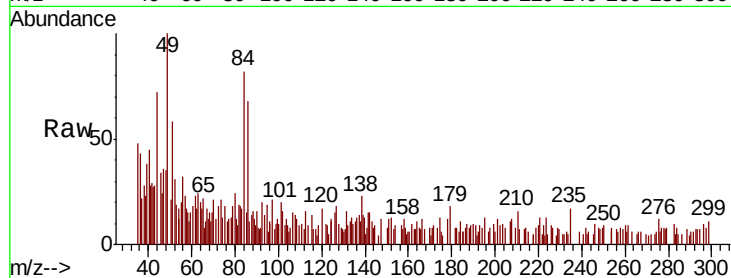




#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013553.D
Acq: 22 Nov 2019 23:43

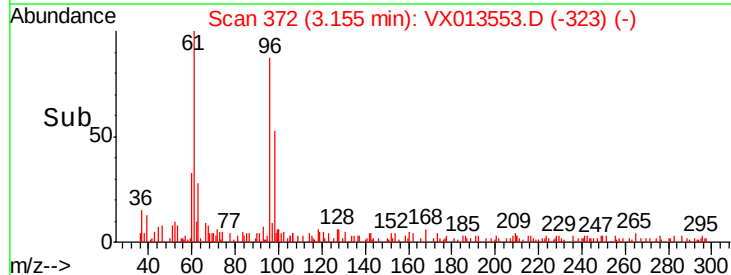
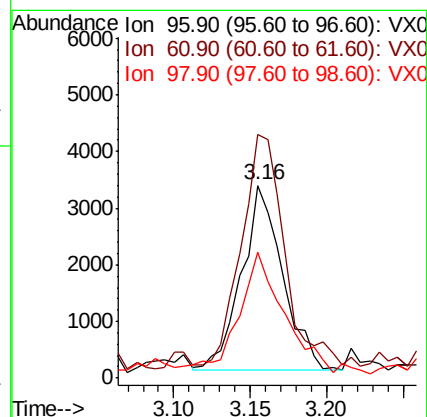
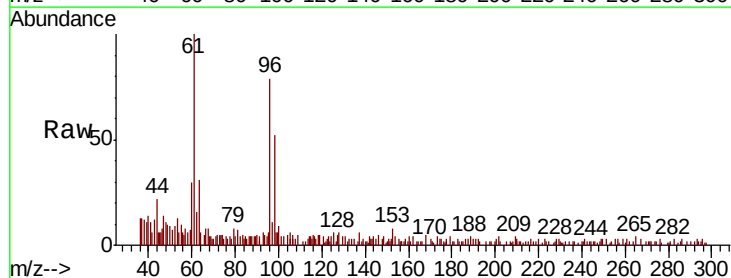
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20191120

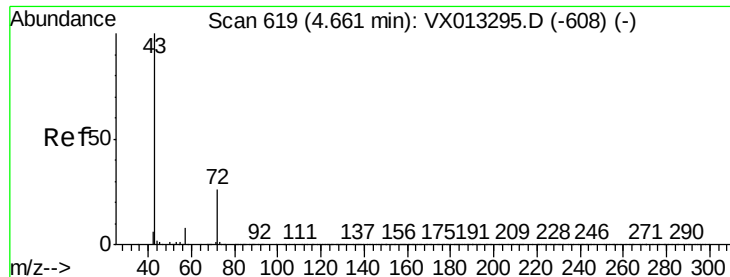
Tot Ion:	84	Resp:	2853
Ion	Ratio	Lower	Upper
84	100		
49	122.2	98.2	147.4
51	42.3	29.9	44.9
86	70.7	49.9	74.9



#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





#25

2-Butanone

Concen: 0.271 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

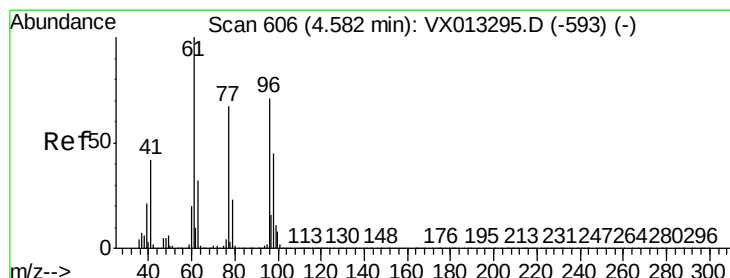
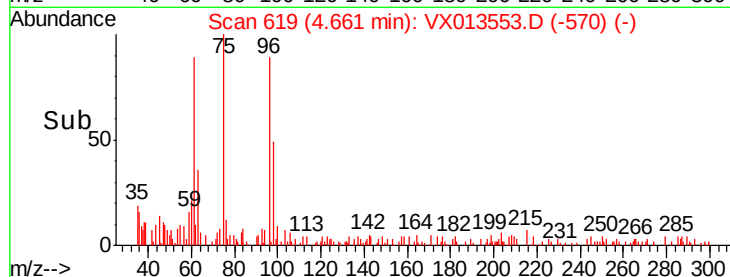
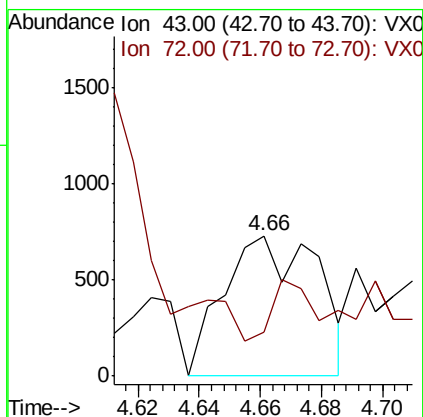
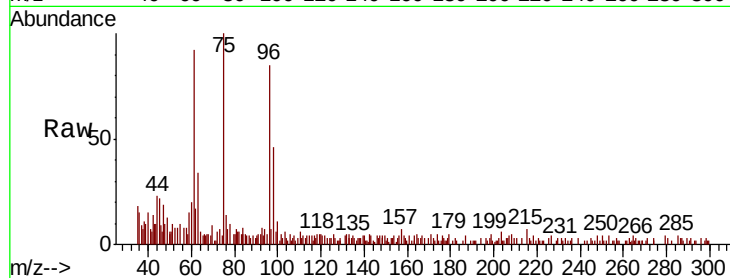
BRP2-20191120

Tot Ion: 43 Resp: 1556

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#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

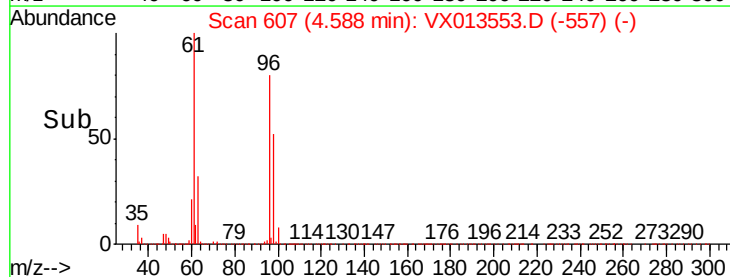
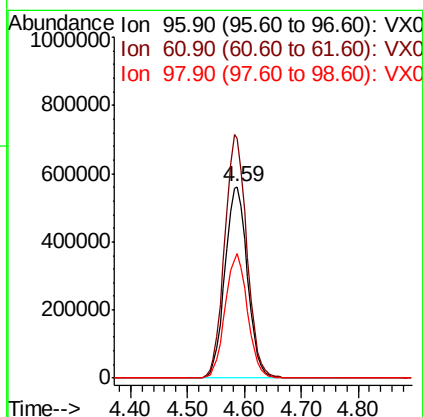
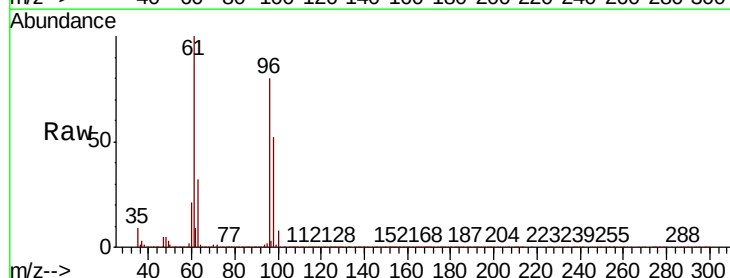
Tgt Ion: 96 Resp: 1551713

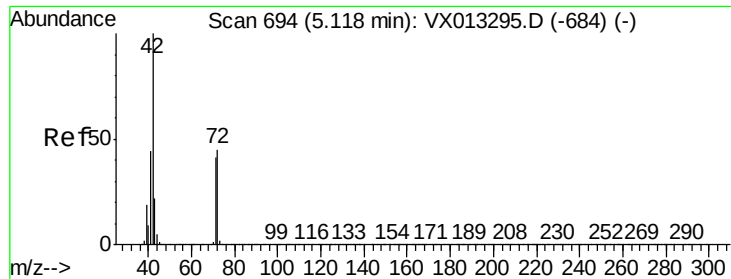
Ion Ratio Lower Upper

96 100

61 125.4 0.0 288.0

98 64.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.300 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

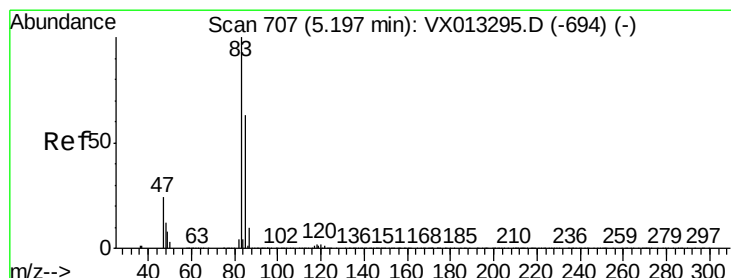
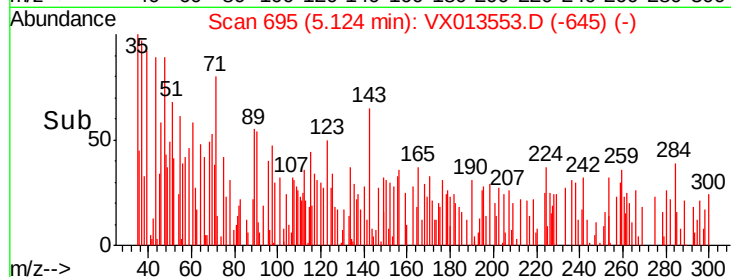
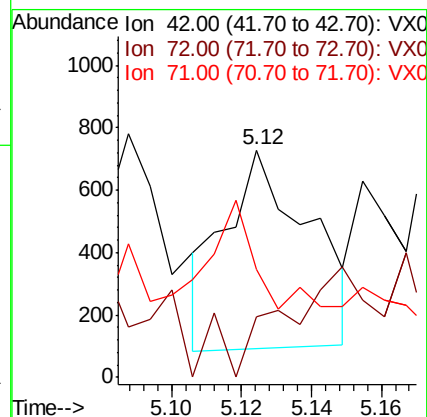
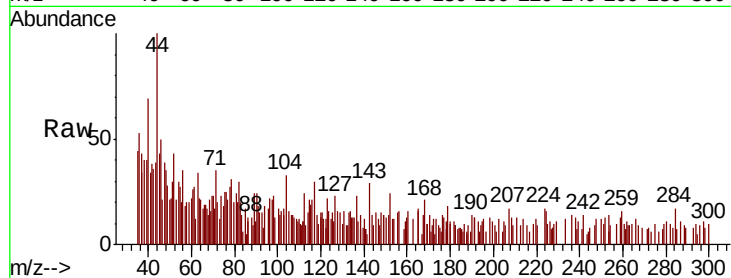
Tot Ion: 42 Resp: 1062

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.8#

71 44.1 33.4 50.0



#30

Chloroform

Concen: 0.352 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013553.D

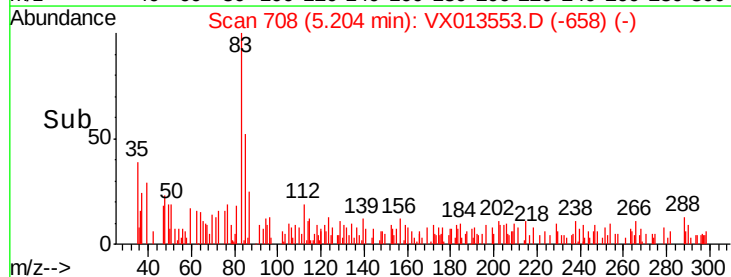
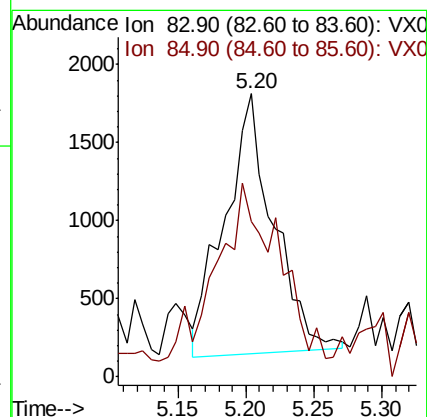
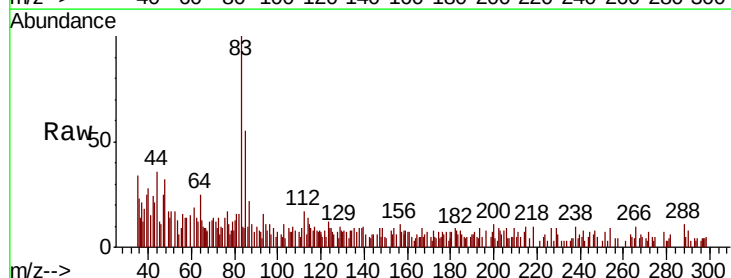
Acq: 22 Nov 2019 23:43

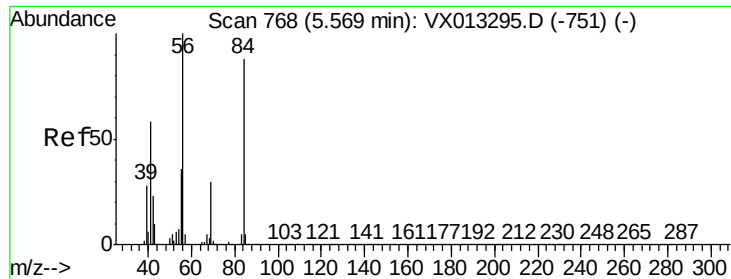
Tgt Ion: 83 Resp: 4150

Ion Ratio Lower Upper

83 100

85 51.1 50.2 75.4

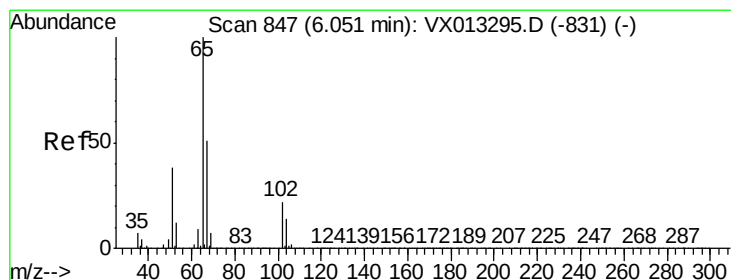
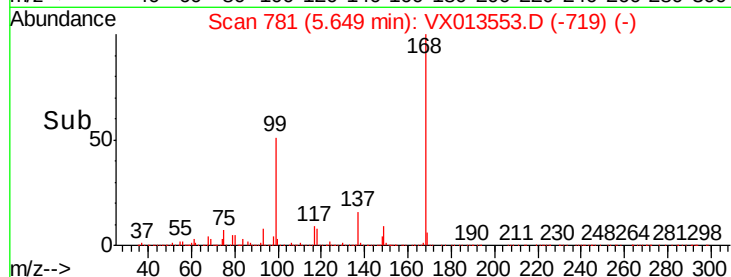
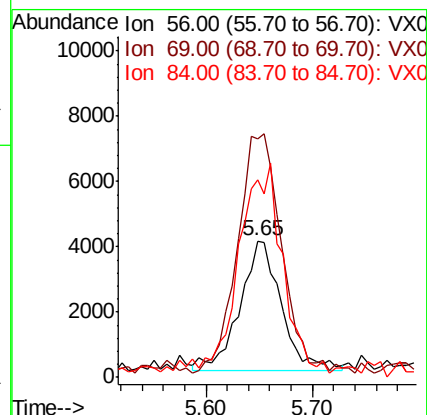
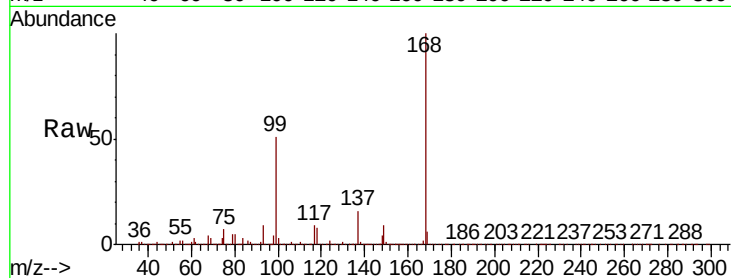




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013553.D
Acq: 22 Nov 2019 23:43

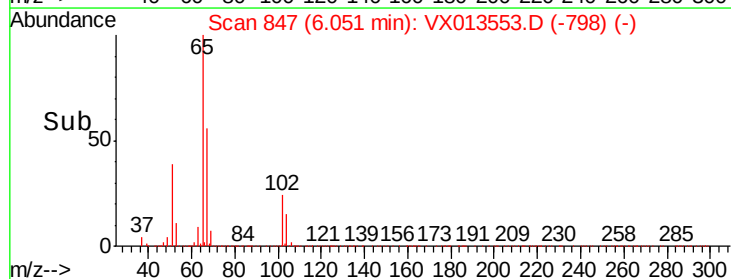
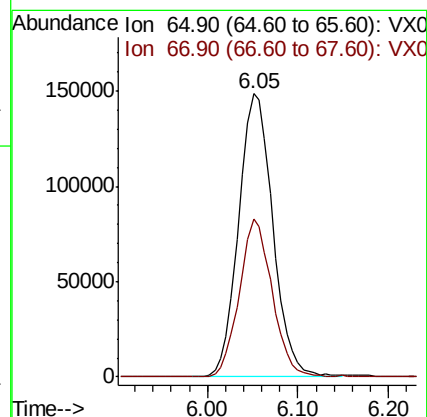
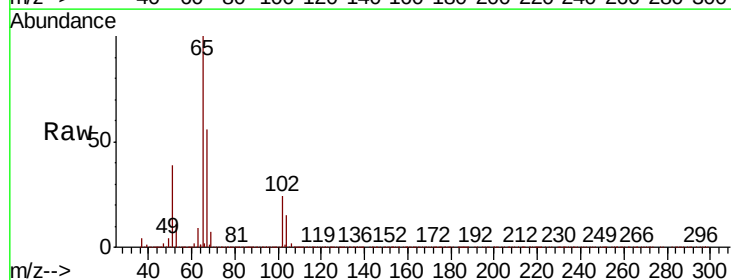
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20191120

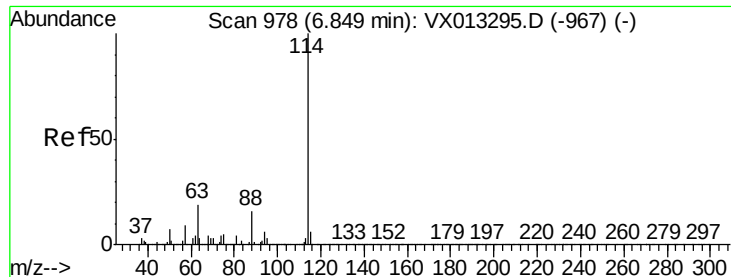
Tot Ion: 56 Resp: 10906
Ion Ratio Lower Upper
56 100
69 187.6 23.7 35.5#
84 151.6 70.6 105.8#



#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

Tgt Ion: 65 Resp: 386155
Ion Ratio Lower Upper
65 100
67 53.1 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: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

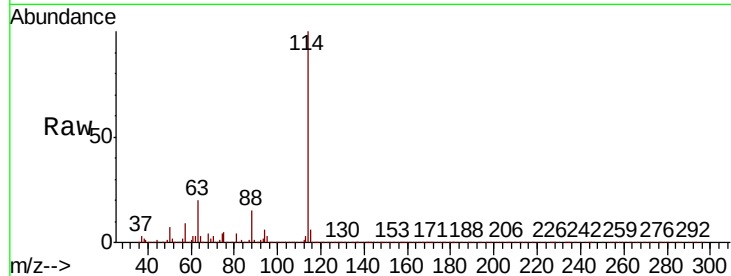
Tot Ion:114 Resp: 1070292

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

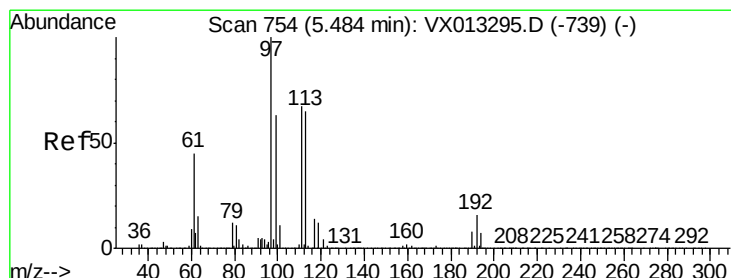
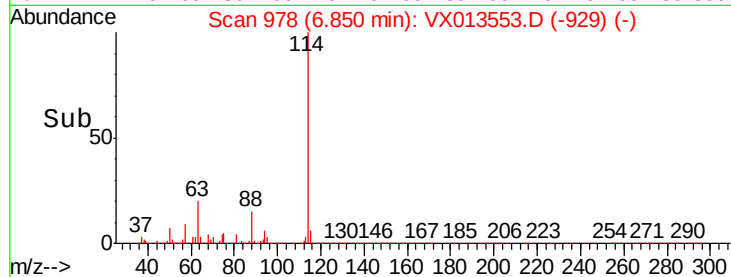
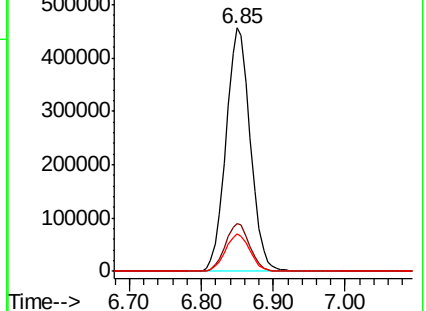
88 15.2 0.0 32.2



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

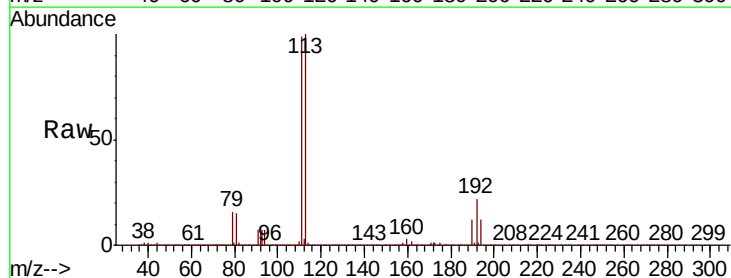
Tgt Ion:113 Resp: 325457

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

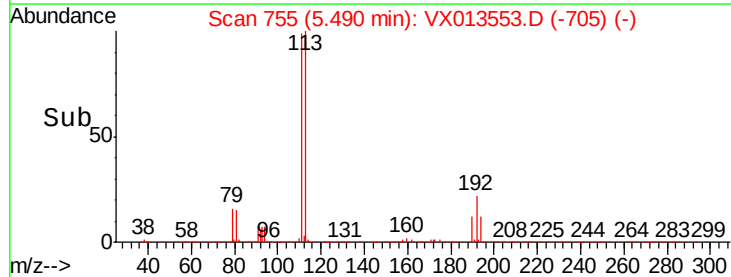
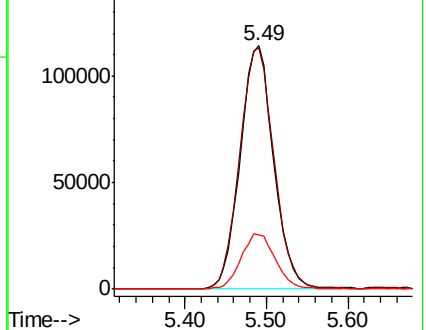
192 23.4 19.1 28.7

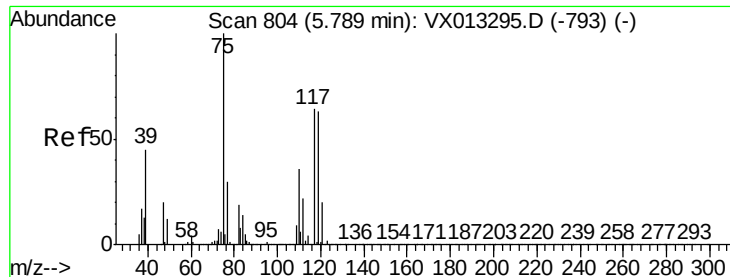


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

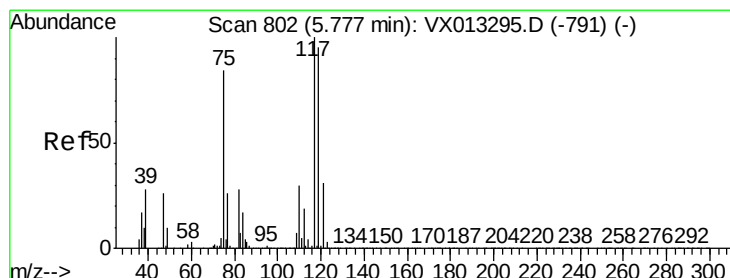
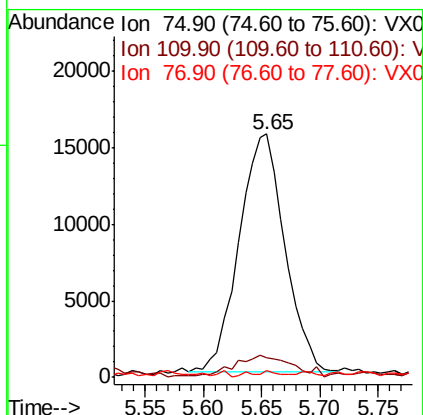
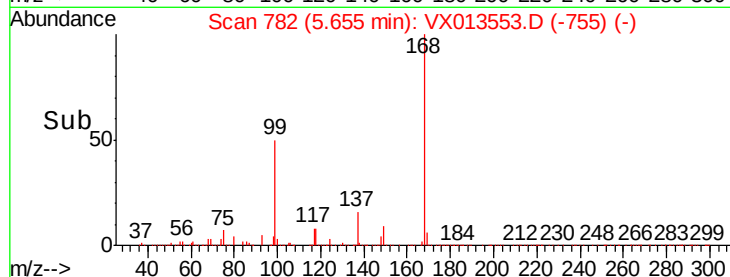
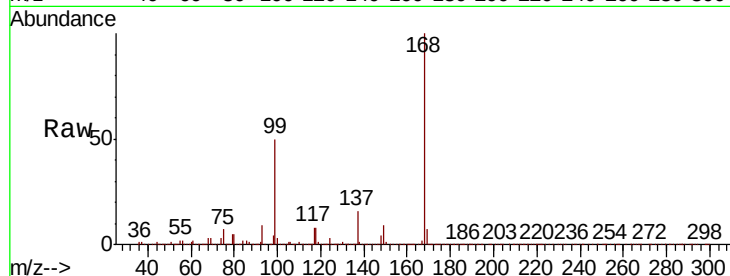




#36
 1,1-Dichloropropene
 Concen: 4.605 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

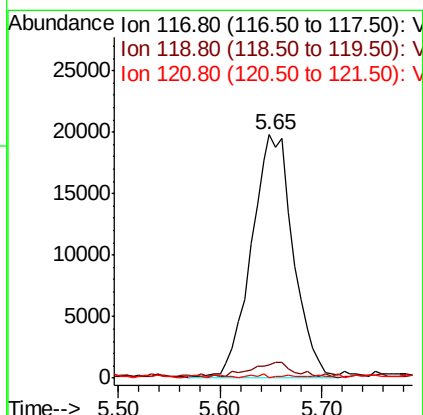
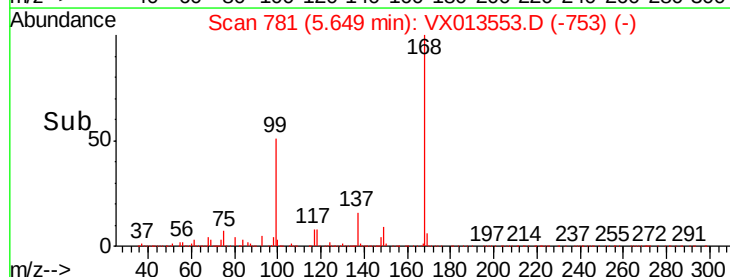
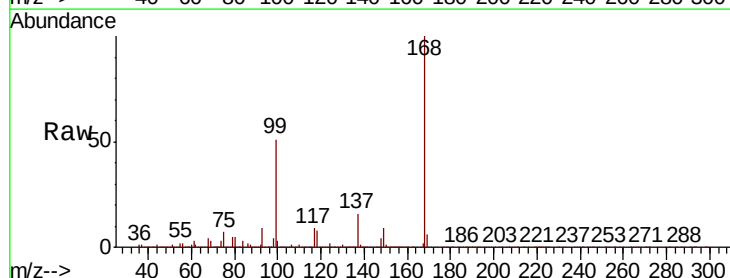
Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

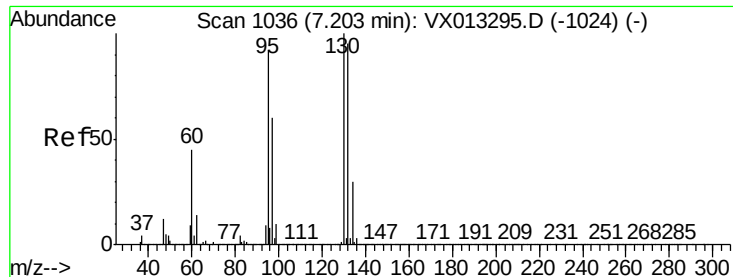
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.7	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.293 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.1	114.1#
121	0.0	24.6	37.0#





#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

Instrument :

MSVOA_X

ClientSampleId :

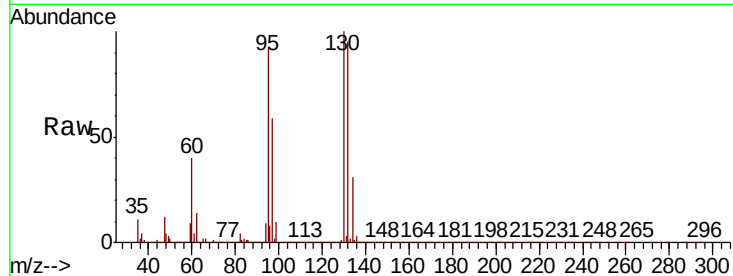
BRP2-20191120

Tot Ion:130 Resp: 331668

Ion Ratio Lower Upper

130 100

95 92.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

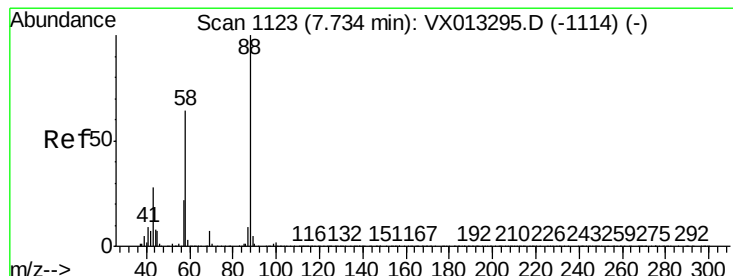
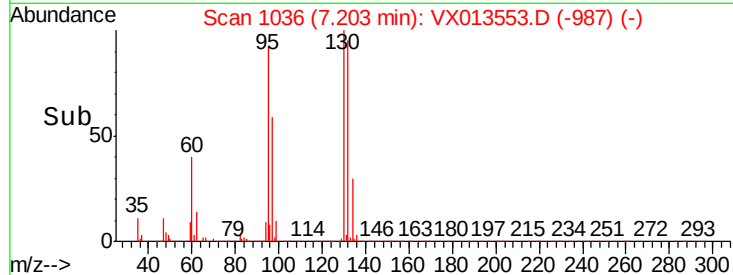
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 1.198 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

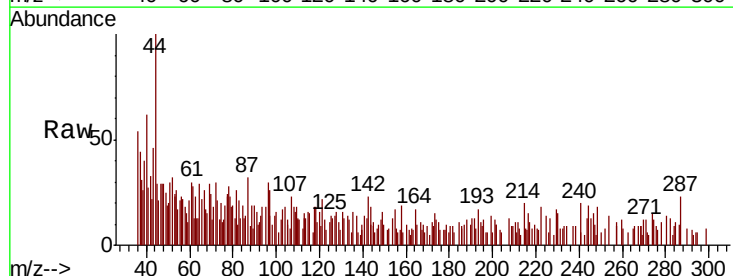
Tgt Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 0.0 55.0 82.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

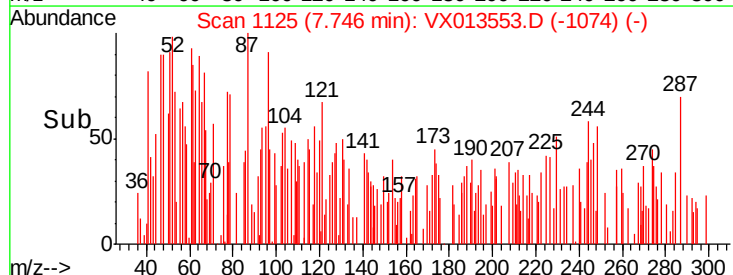
600

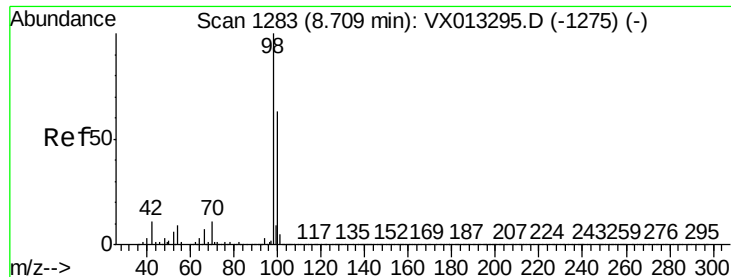
400

200

0

Time-->





#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 :

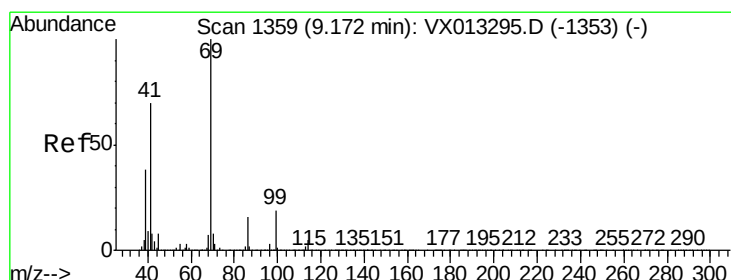
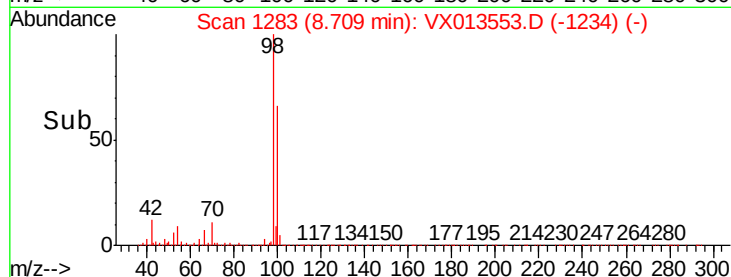
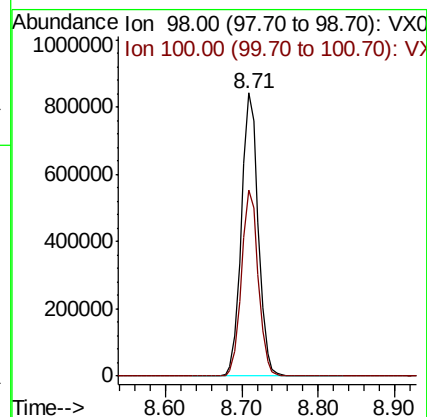
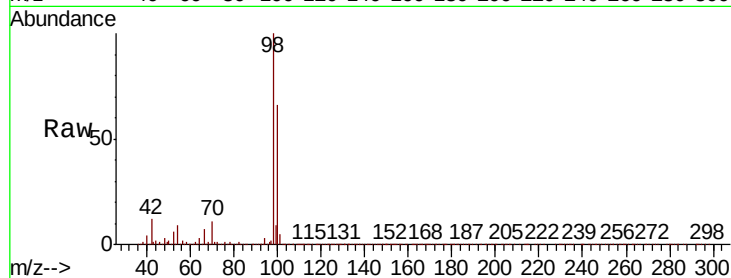
BRP2-20191120

Tot Ion: 98 Resp: 1279628

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.597 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

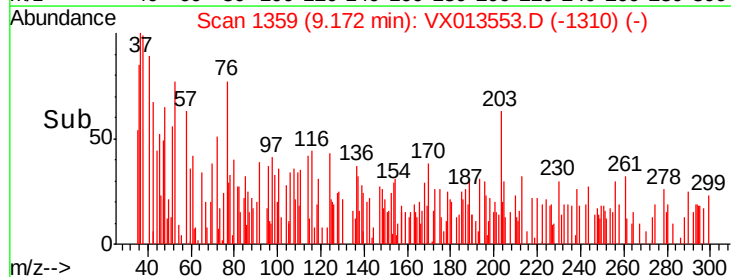
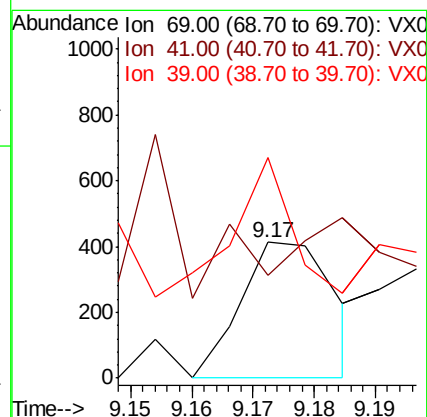
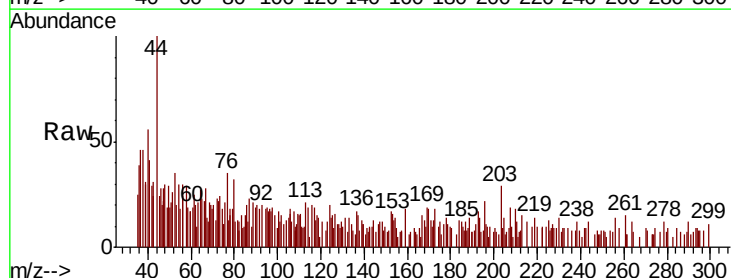
Tgt Ion: 69 Resp: 438

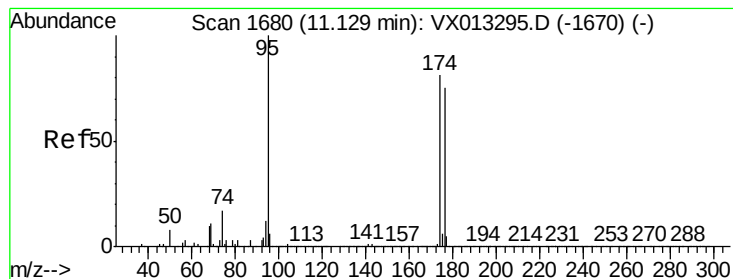
Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.2#

39 83.8 31.1 46.7#





#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

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

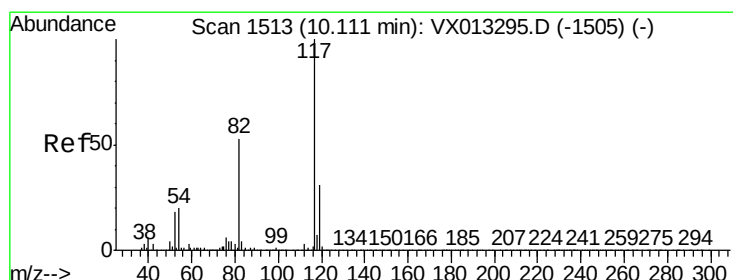
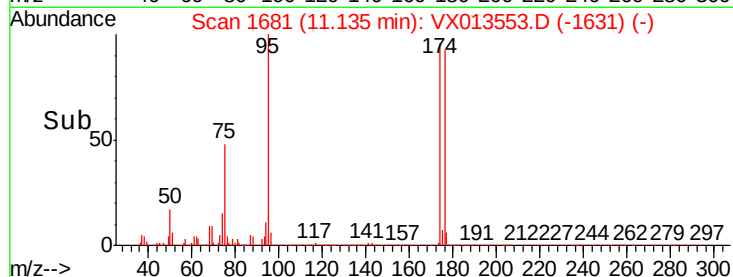
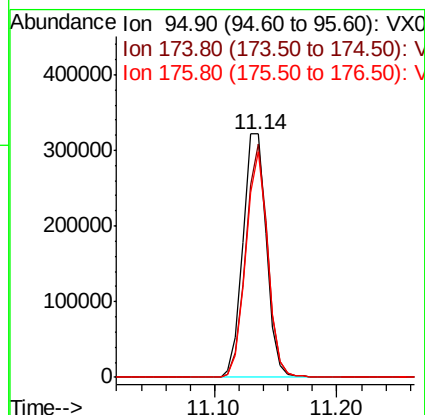
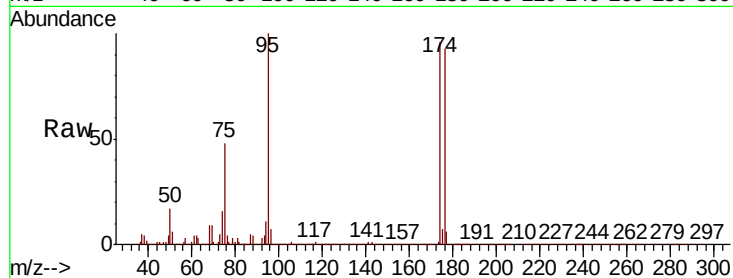
Tot Ion: 95 Resp: 428090

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

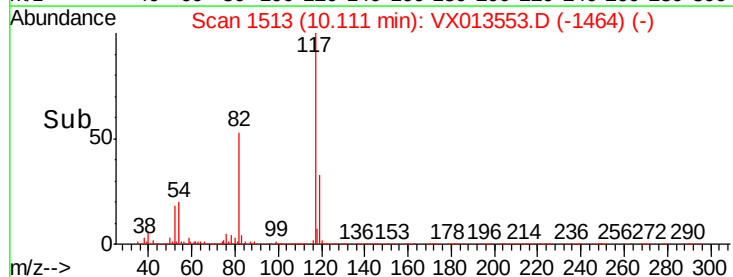
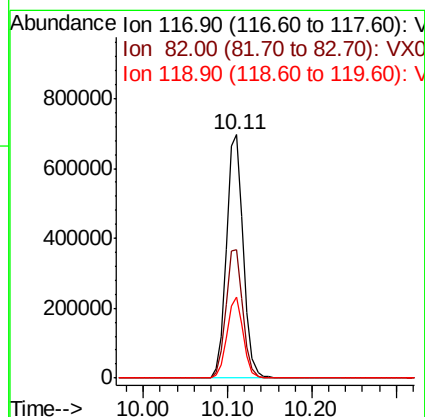
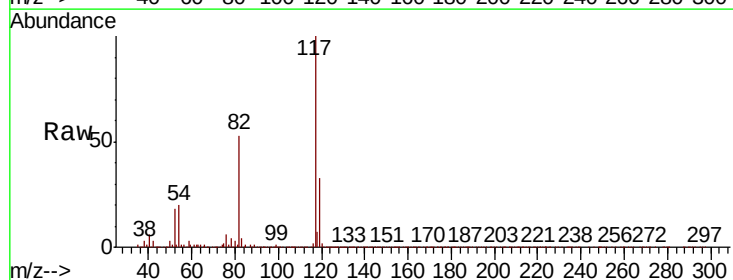
Tgt Ion: 117 Resp: 956007

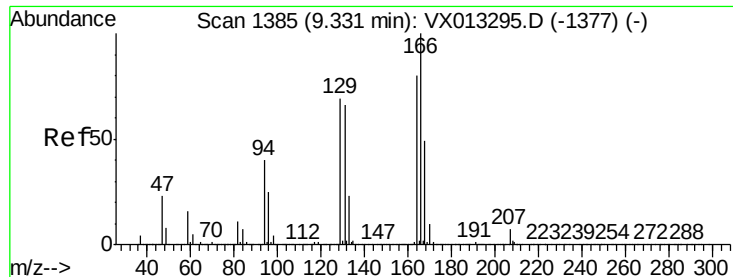
Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

119 33.1 24.8 37.2





#64

Tetrachloroethene

Concen: 0.211 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

Tot Ion:164 Resp: 1443

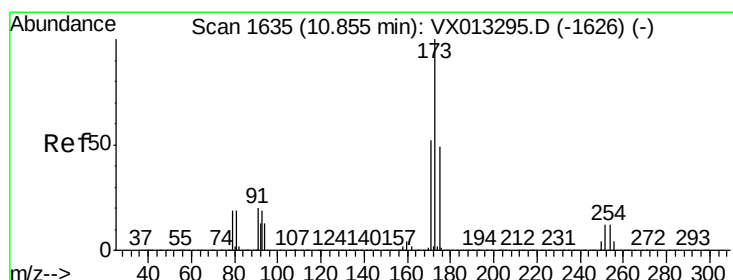
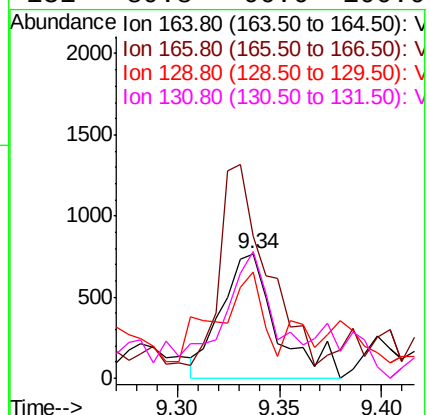
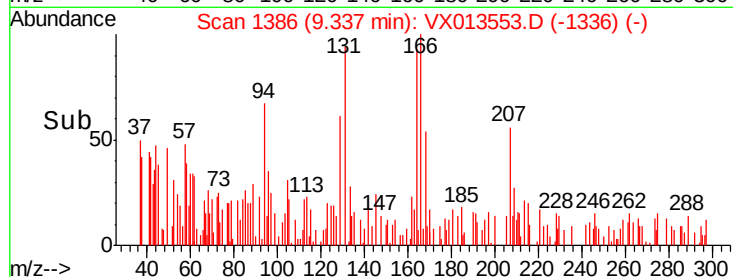
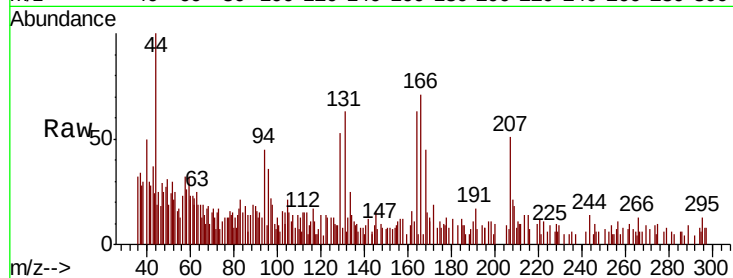
Ion Ratio Lower Upper

164 100

166 116.1 100.4 150.6

129 43.9 69.4 104.2#

131 89.8 66.6 100.0



#71

Bromoform

Concen: 3.253 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

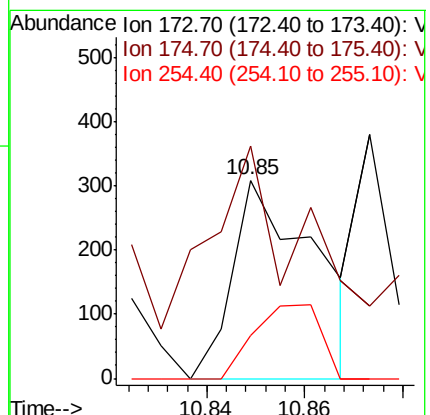
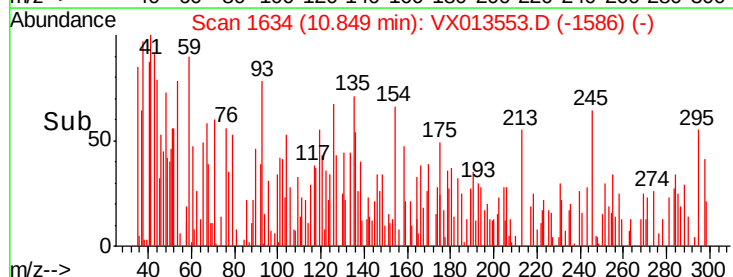
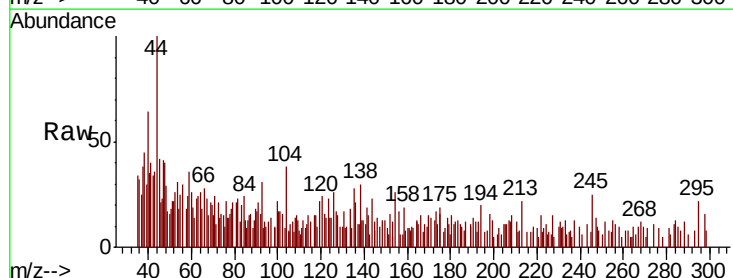
Tgt Ion:173 Resp: 358

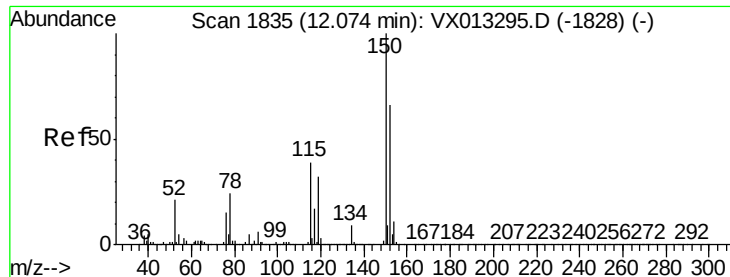
Ion Ratio Lower Upper

173 100

175 180.4 24.8 74.4#

254 30.2 0.2 0.2#

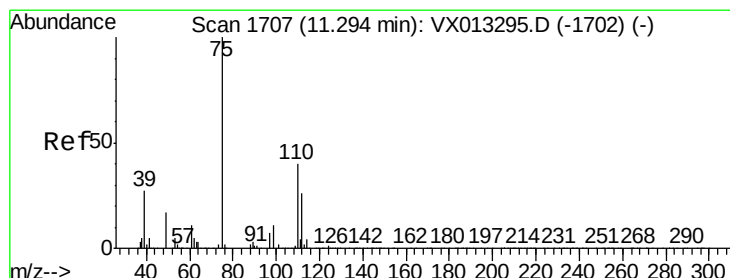
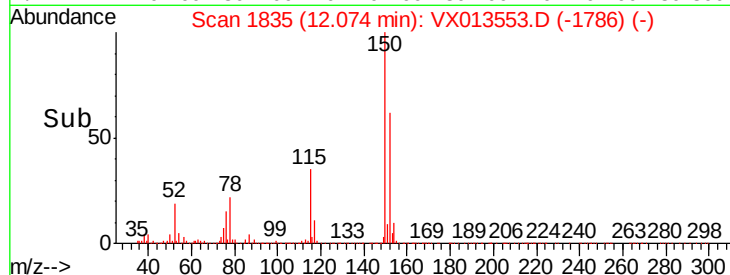
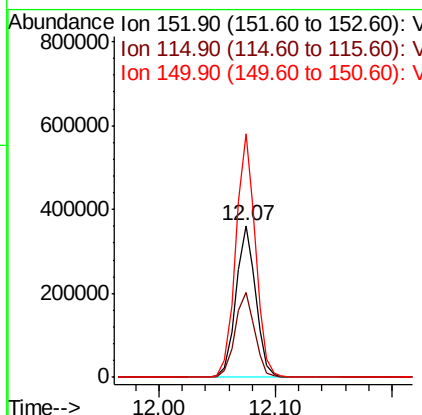
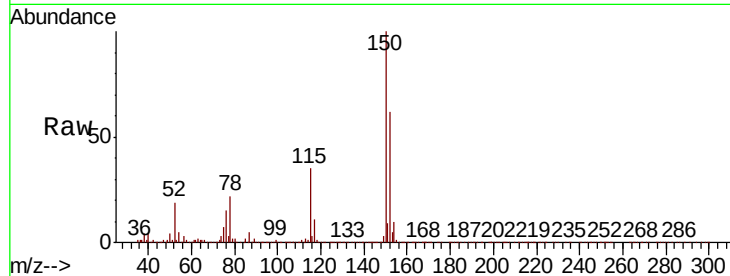




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

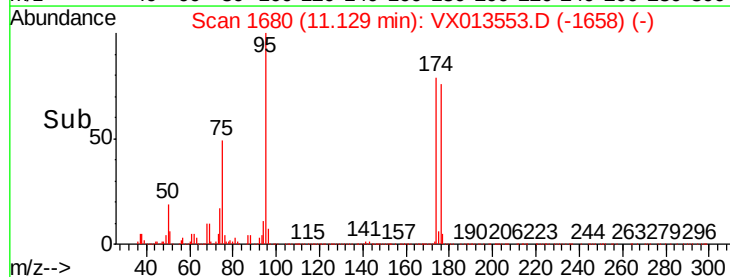
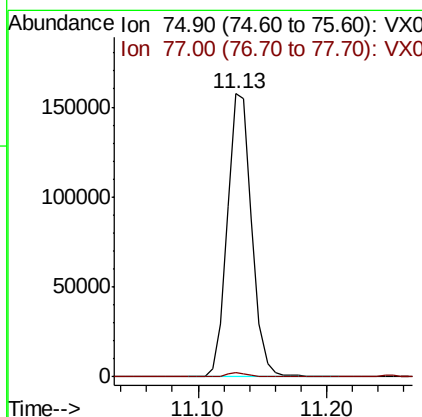
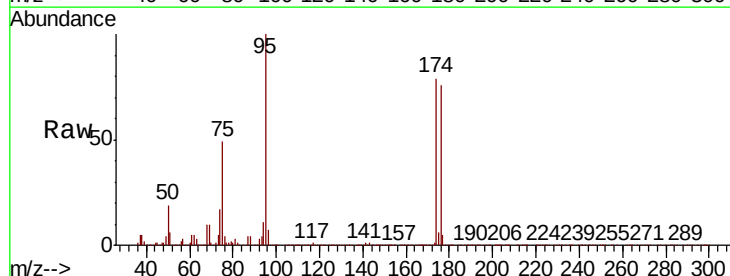
Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

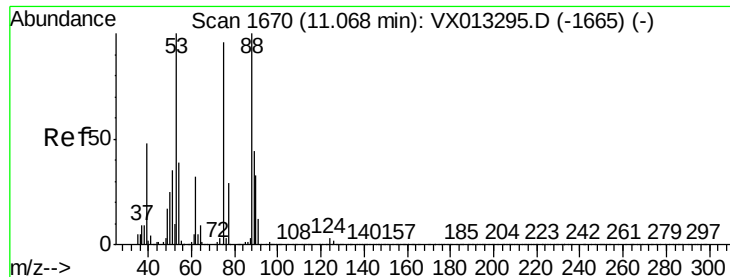
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.5	118.3
150	159.2	0.0	344.4



#76
 1,2,3-Trichloropropane
 Concen: 24.116 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.074 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20191120

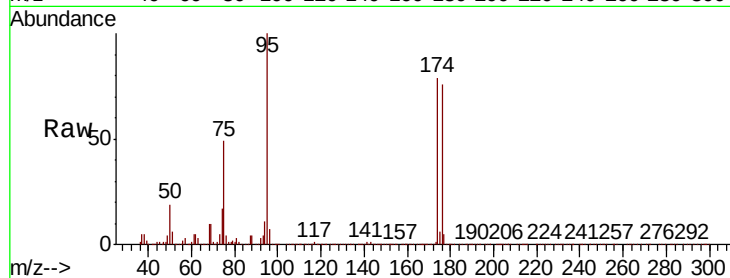
Tot Ion: 75 Resp: 209155

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

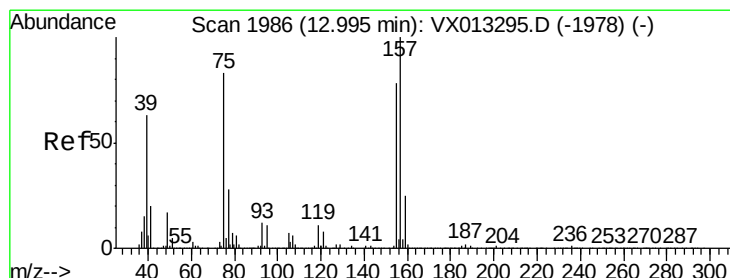
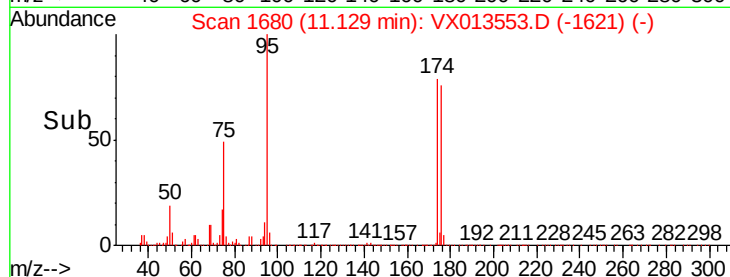
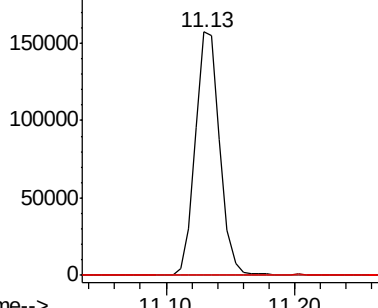
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.259 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013553.D

Acq: 22 Nov 2019 23:43

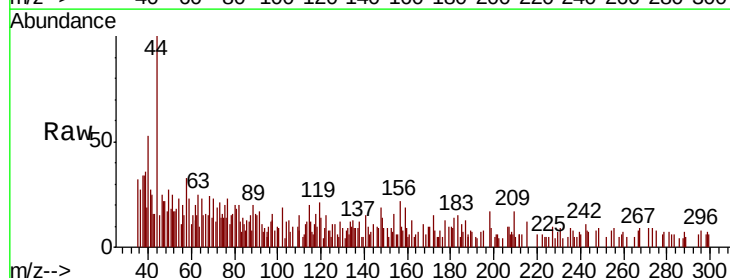
Tgt Ion: 75 Resp: 651

Ion Ratio Lower Upper

75 100

155 48.4 47.1 141.4

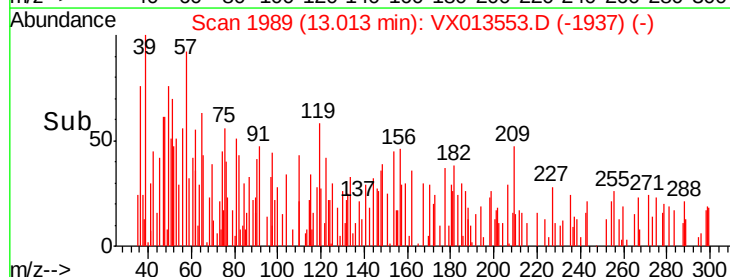
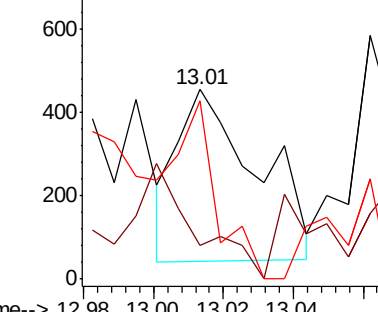
157 53.0 61.3 183.8#

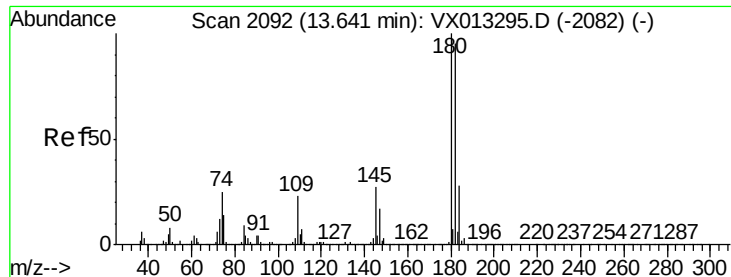


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

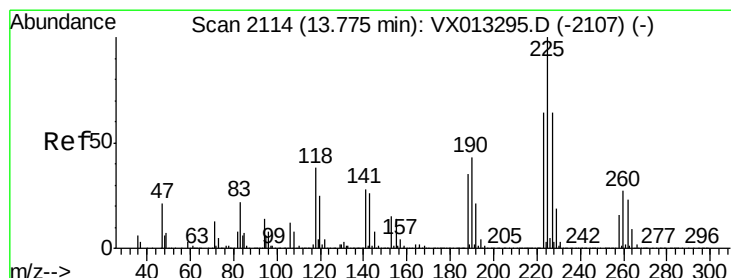
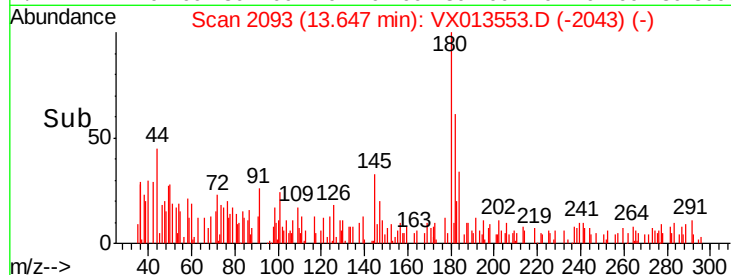
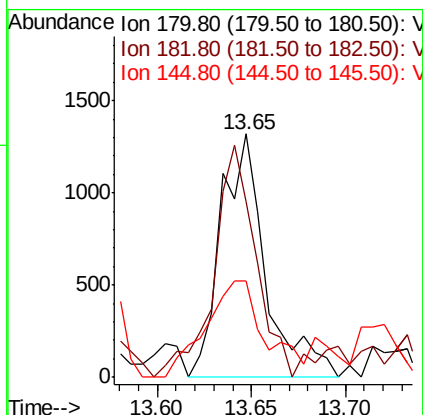
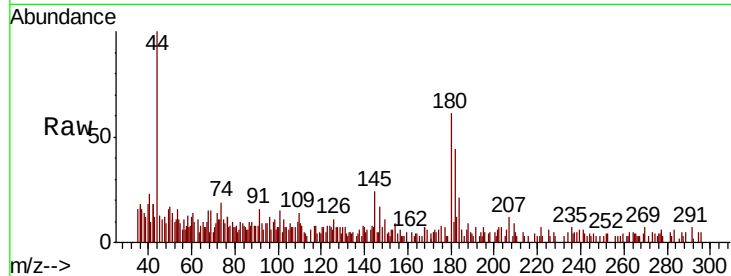




#93
 1,2,4-Trichlorobenzene
 Concen: 0.232 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

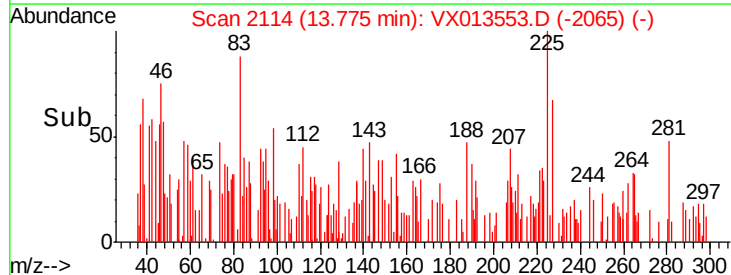
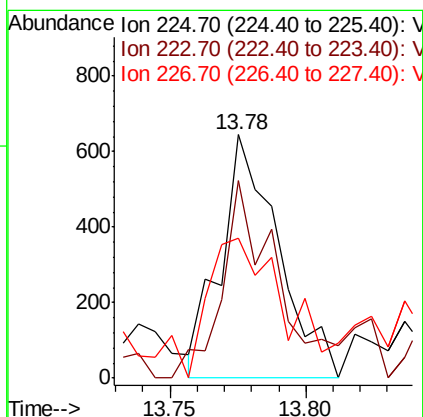
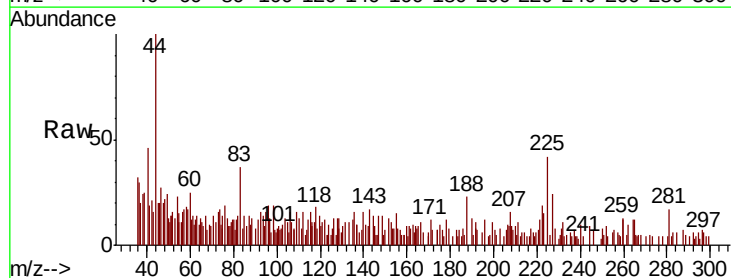
Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

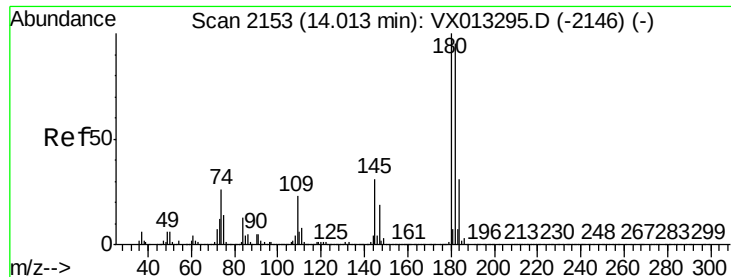
Tot Ion	Ratio	Lower	Upper
180	100		
182	88.1	48.4	145.0
145	52.4	14.1	42.4#



#94
 Hexachlorobutadiene
 Concen: 0.207 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	77.3	31.9	95.7
227	81.5	31.9	95.9





#96
 1,2,3-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013553.D
 Acq: 22 Nov 2019 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20191120

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.2	48.0	144.2
145	40.2	15.4	46.4

