

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017711.D
 Acq On : 31 Jul 2020 18:55
 Operator : JC/SP
 Sample : L3526-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-298-300

Quant Time: Aug 01 02:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	453026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	783441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	313482	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	5.46	113	261793	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.70	98	1022050	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	11.12	95	444295	58.73	ug/l	0.00
Spiked Amount			Recovery	=	117.46%	

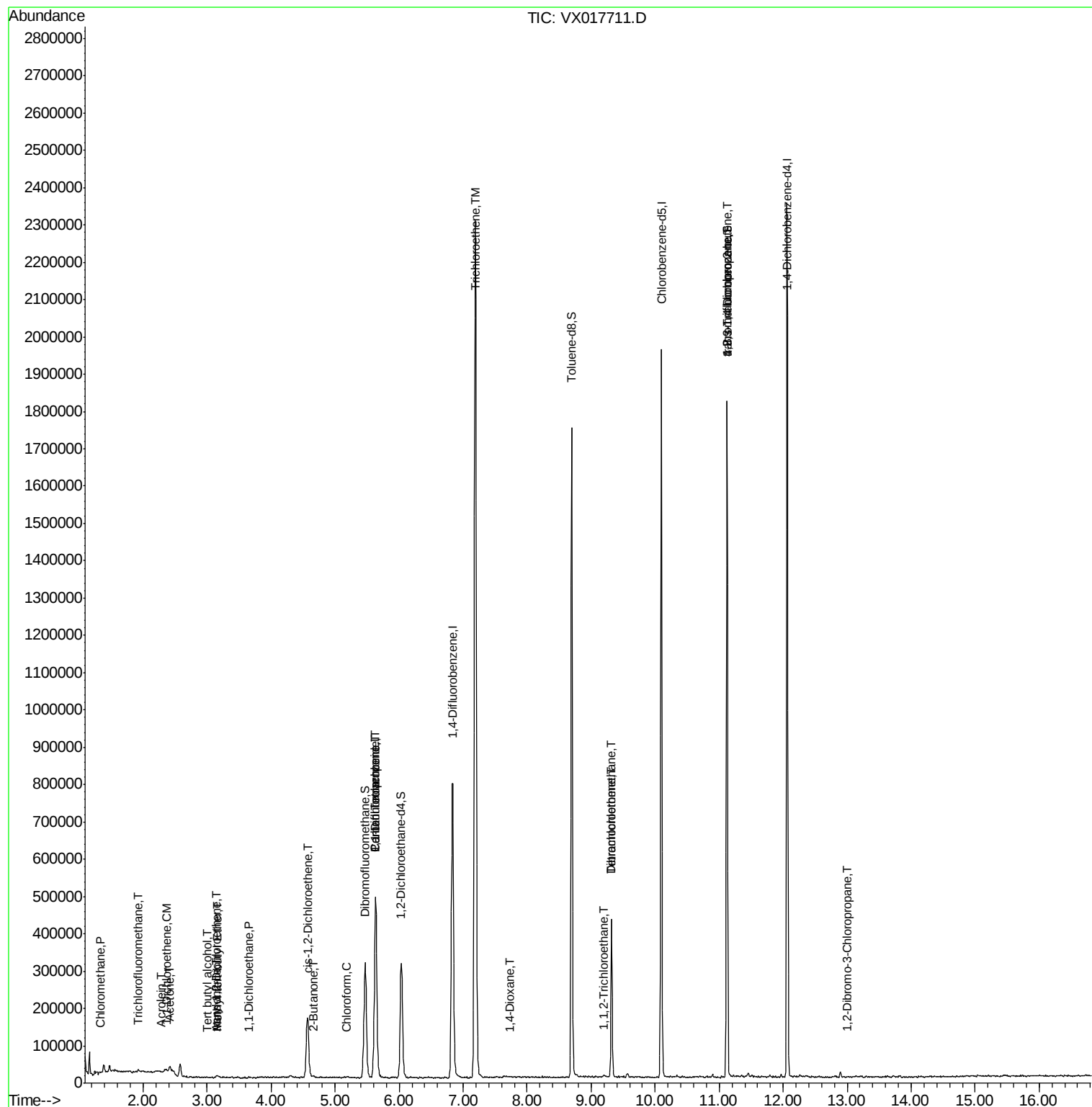
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	205	Below Cal		72
3) Chloromethane	1.32	50	2045	0.729 ug/l		89
5) Bromomethane	1.63	94	87	Below Cal	#	12
6) Chloroethane	1.72	64	378	Below Cal	#	80
7) Trichlorofluoromethane	1.93	101	2919	0.326 ug/l		86
8) Diethyl Ether	2.15	74	469	Below Cal		99
11) Tert butyl alcohol	3.01	59	661	0.539 ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	1583	0.338 ug/l	#	82
13) Acrolein	2.28	56	716	4.901 ug/l	#	62
15) Acrylonitrile	3.14	53	545	0.206 ug/l	#	17
16) Acetone	2.42	43	17689	6.906 ug/l		96
19) Methyl tert-butyl Ether	3.17	73	4056	0.250 ug/l	#	85
20) Methylene Chloride	2.83	84	1131	Below Cal	#	64
21) trans-1,2-Dichloroethene	3.14	96	1485	0.296 ug/l	#	63
24) 1,1-Dichloroethane	3.66	63	2985	0.332 ug/l	#	93
25) 2-Butanone	4.66	43	3547	0.975 ug/l	#	81
27) cis-1,2-Dichloroethene	4.57	96	104507	19.194 ug/l		88
30) Chloroform	5.18	83	3629	0.395 ug/l	#	77
36) 1,1-Dichloropropene	5.63	75	34248	4.558 ug/l	#	52
38) Carbon Tetrachloride	5.64	117	45635	5.001 ug/l	#	17
44) Trichloroethene	7.19	130	892283	141.734 ug/l		97
49) 1,4-Dioxane	7.73	88	432	3.351 ug/l	#	39
55) 1,1,2-Trichloroethane	9.20	97	1888	0.328 ug/l		93
60) Dibromochloromethane	9.32	129	79753	10.903 ug/l	#	12
64) Tetrachloroethene	9.32	164	83862	10.483 ug/l		94
76) 1,2,3-Trichloropropane	11.12	75	227137	23.047 ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.12	75	227137	58.072 ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	157	2.628 ug/l	#	1

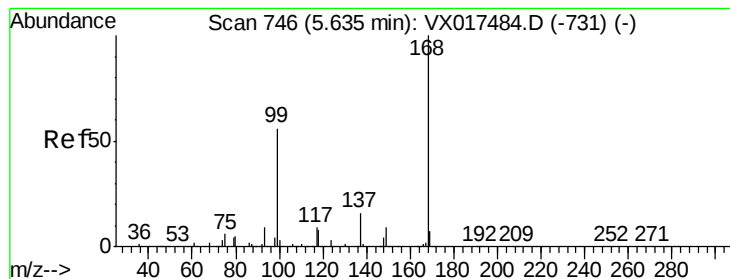
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
Data File : VX017711.D
Acq On : 31 Jul 2020 18:55
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Quant Time: Aug 01 02:49:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

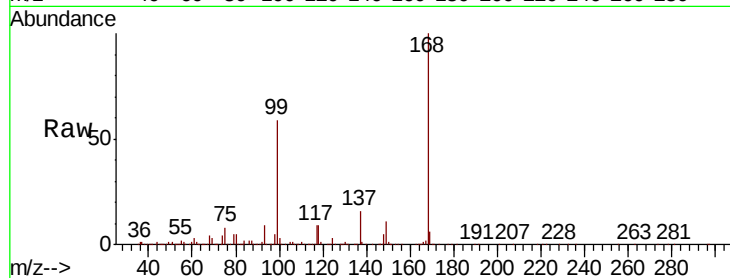
BP-VPB179-GW-298-300

Tot Ion:168 Resp: 453026

Ion Ratio Lower Upper

168 100

99 58.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

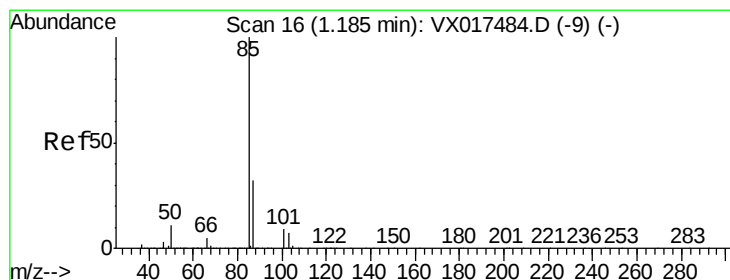
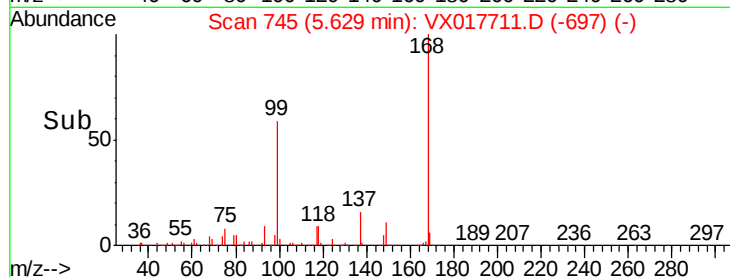
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017711.D

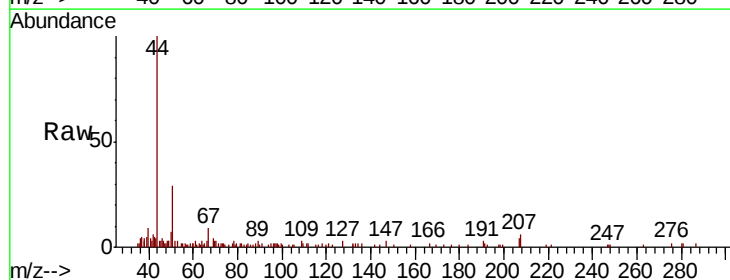
Acq: 31 Jul 2020 18:55

Tgt Ion: 85 Resp: 205

Ion Ratio Lower Upper

85 100

87 48.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400

300

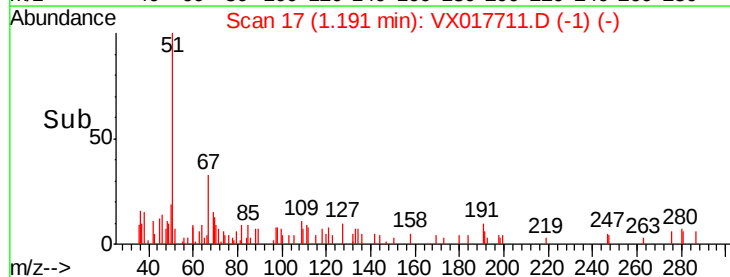
200

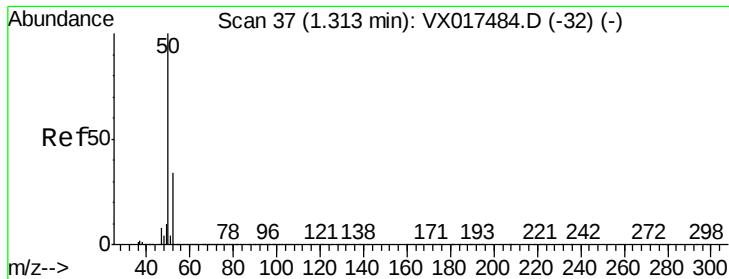
100

0

Time-->

1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.729 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

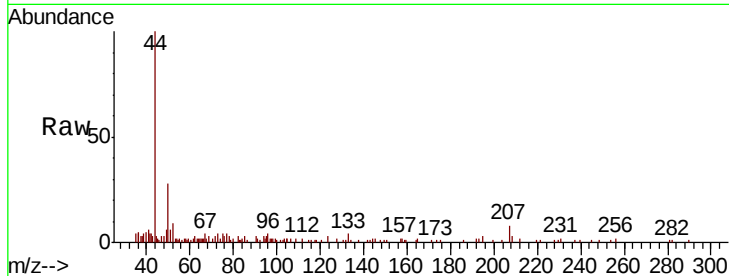
BP-VPB179-GW-298-300

Tot Ion: 50 Resp: 2045

Ion Ratio Lower Upper

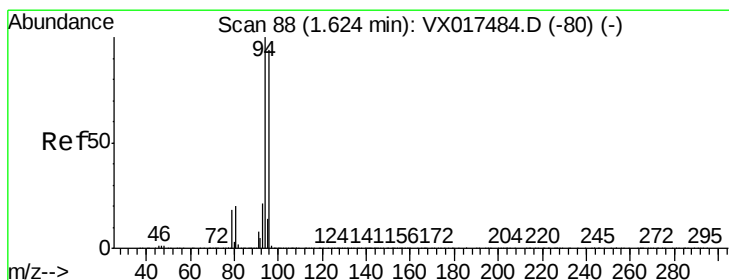
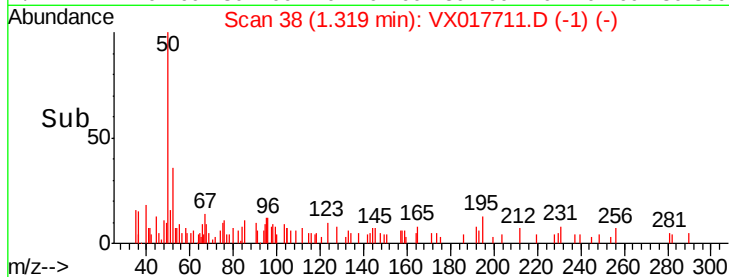
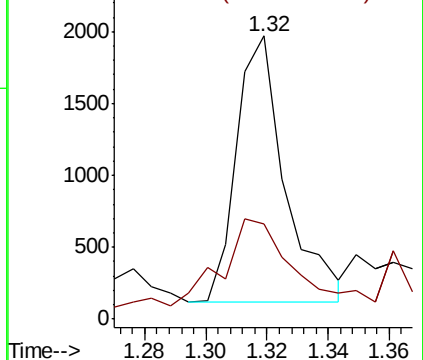
50 100

52 26.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017711.D

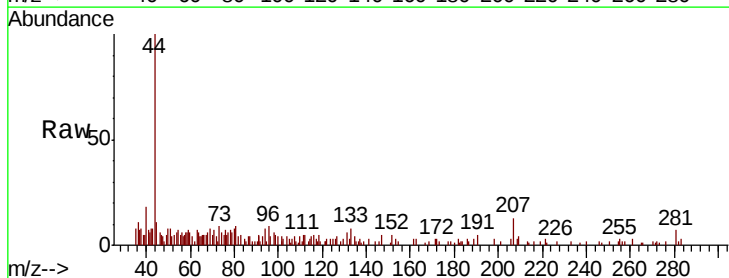
Acq: 31 Jul 2020 18:55

Tgt Ion: 94 Resp: 87

Ion Ratio Lower Upper

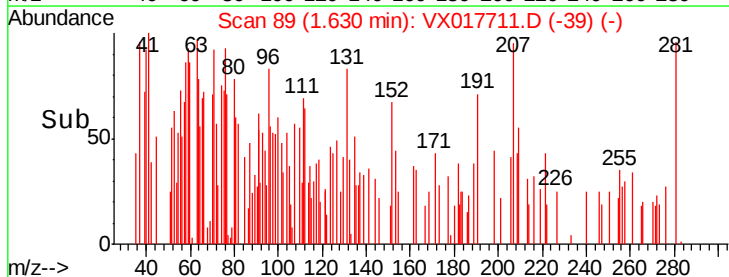
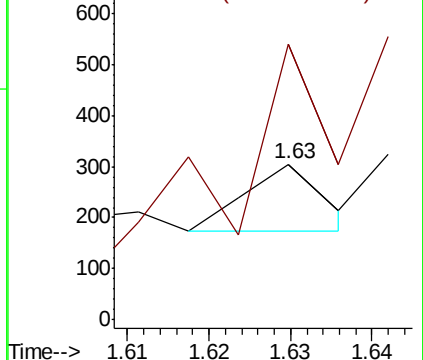
94 100

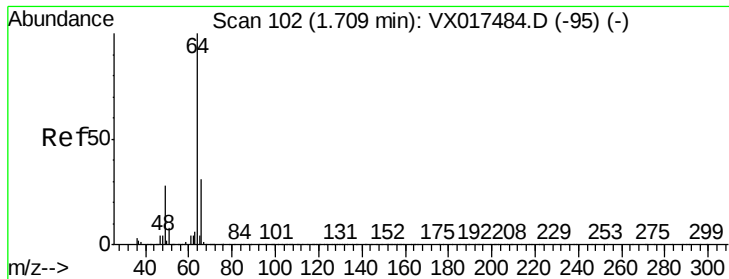
96 177.3 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

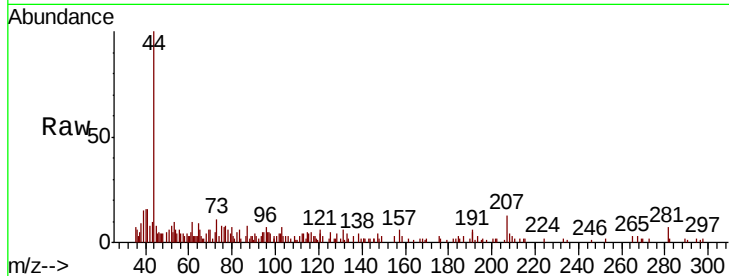
BP-VPB179-GW-298-300

Tot Ion: 64 Resp: 378

Ion Ratio Lower Upper

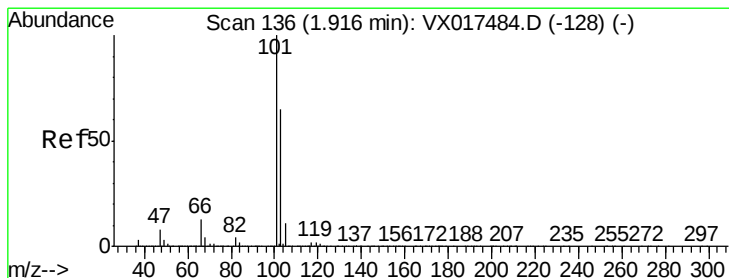
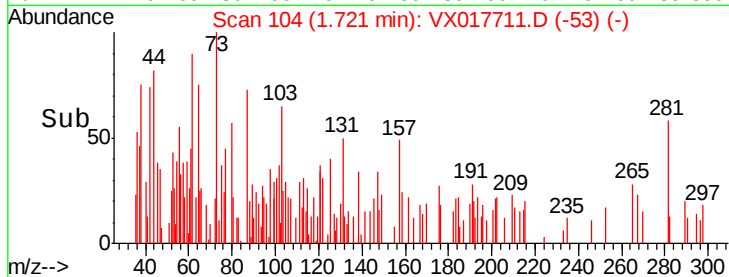
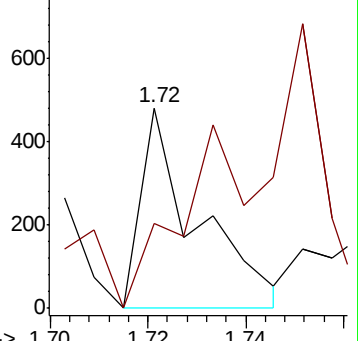
64 100

66 42.0 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#7

Trichlorofluoromethane

Concen: 0.326 ug/l

RT: 1.93 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX017711.D

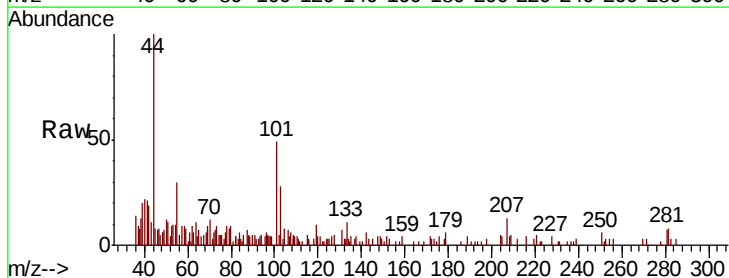
Acq: 31 Jul 2020 18:55

Tgt Ion:101 Resp: 2919

Ion Ratio Lower Upper

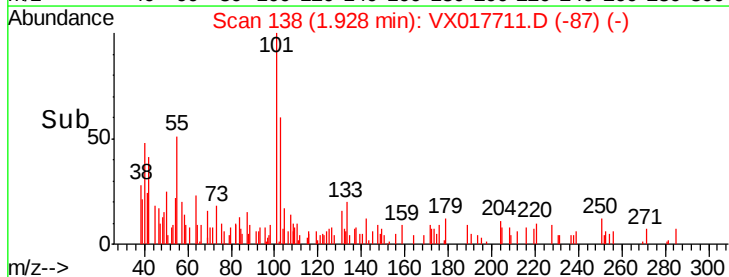
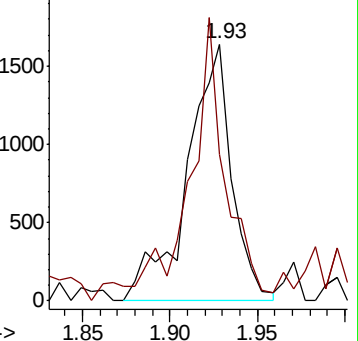
101 100

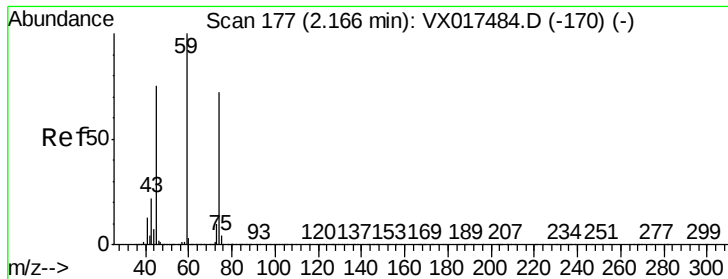
103 53.7 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: Below Cal

RT: 2.15 min Scan# 174

Delta R.T. -0.02 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

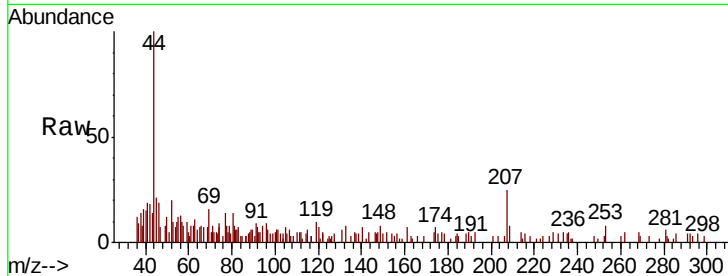
BP-VPB179-GW-298-300

Tot Ion: 74 Resp: 469

Ion Ratio Lower Upper

74 100

45 102.6 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

600

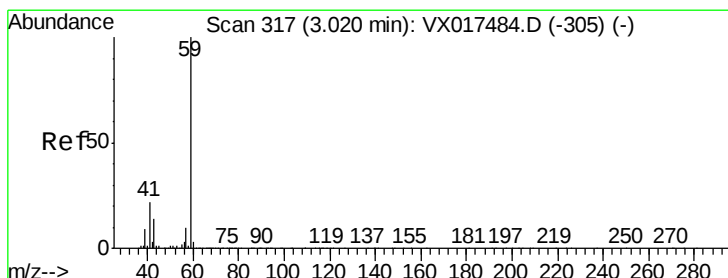
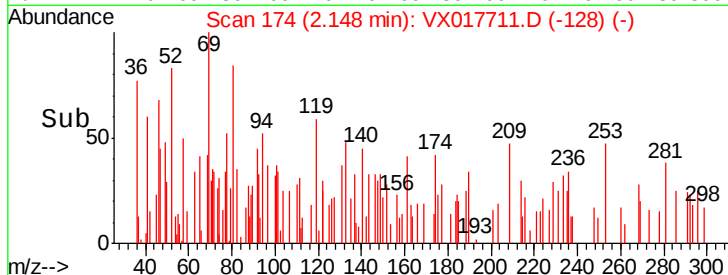
400

200

0

2.13 2.14 2.15 2.16 2.17

Time-->



#11

Tert butyl alcohol

Concen: 0.539 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017711.D

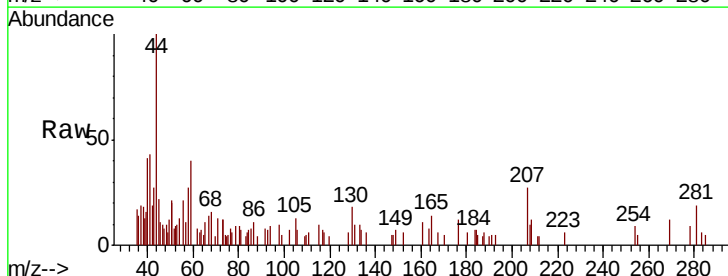
Acq: 31 Jul 2020 18:55

Tgt Ion: 59 Resp: 661

Ion Ratio Lower Upper

59 100

57 50.5 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

500

400

300

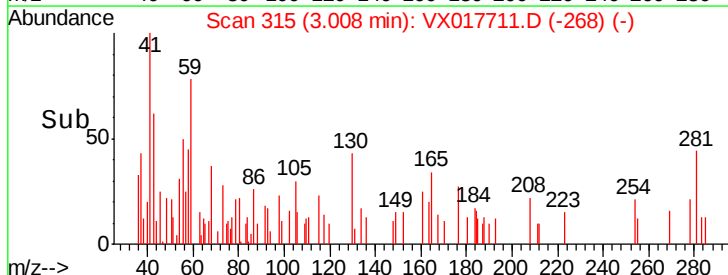
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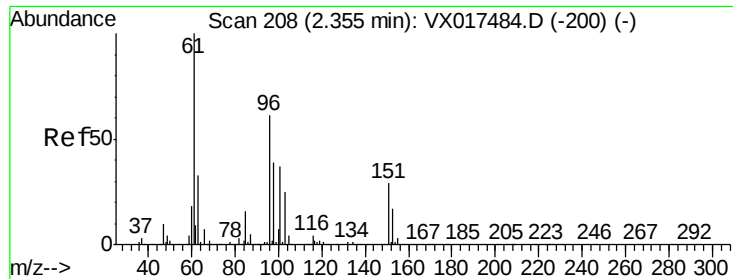
100

0

3.00 3.01 3.02 3.03 3.04 3.05

Time-->





#12

1,1-Dichloroethene

Concen: 0.338 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

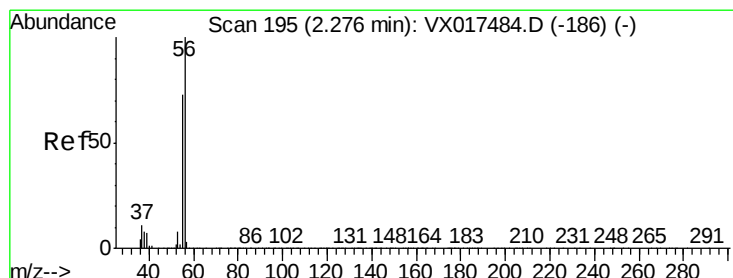
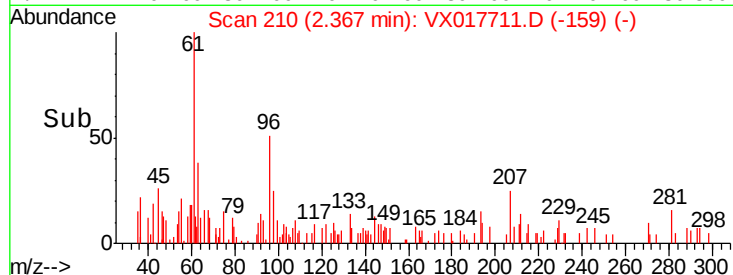
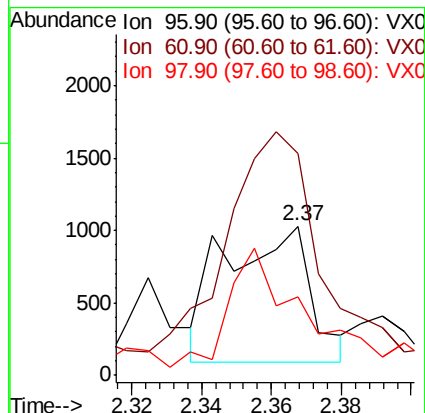
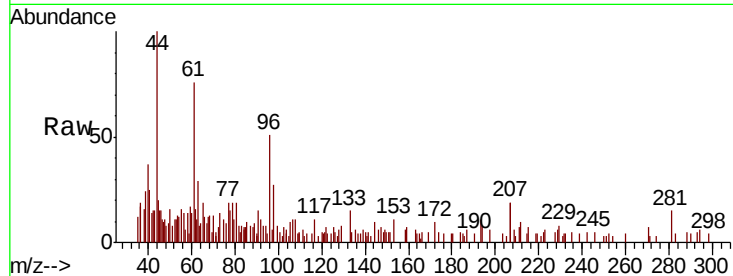
Tot Ion: 96 Resp: 1583

Ion Ratio Lower Upper

96 100

61 142.9 134.0 201.0

98 50.6 51.0 76.4#



#13

Acrolein

Concen: 4.901 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017711.D

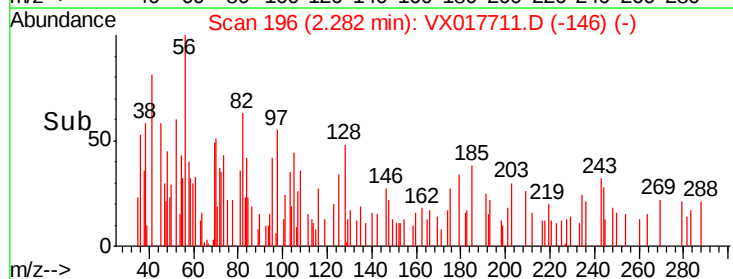
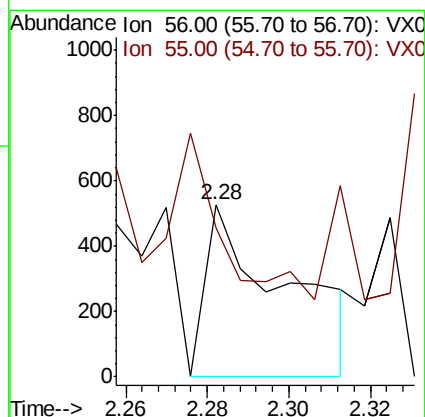
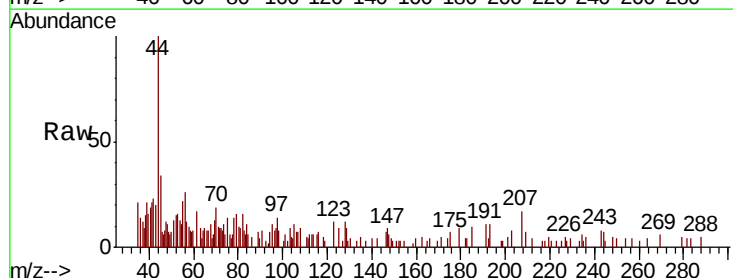
Acq: 31 Jul 2020 18:55

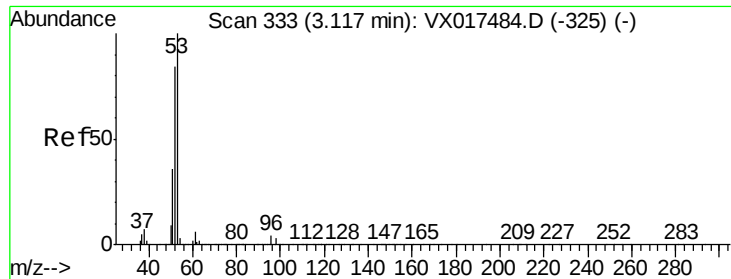
Tgt Ion: 56 Resp: 716

Ion Ratio Lower Upper

56 100

55 40.4 57.4 86.2#





#15

Acrylonitrile

Concen: 0.206 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.02 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

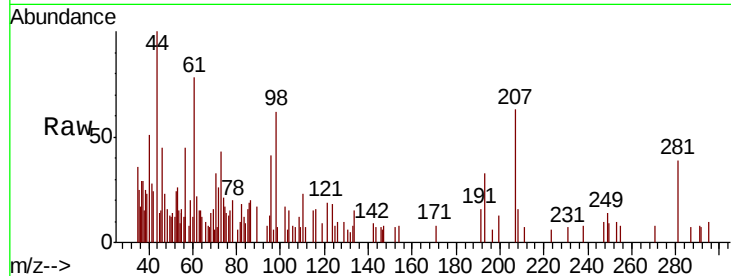
Tot Ion: 53 Resp: 545

Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

51 0.0 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

600

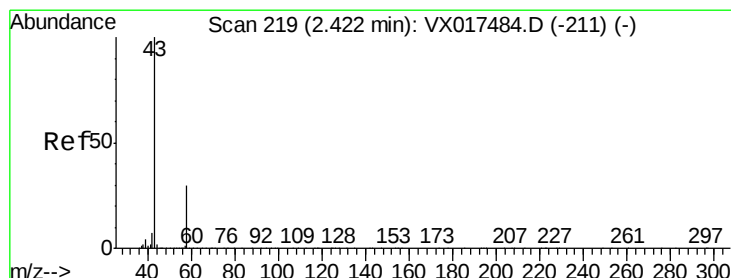
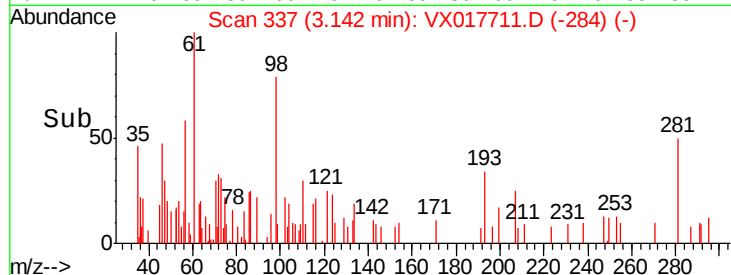
400

200

0

3.10 3.12 3.14 3.16

Time-->



#16

Acetone

Concen: 6.906 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017711.D

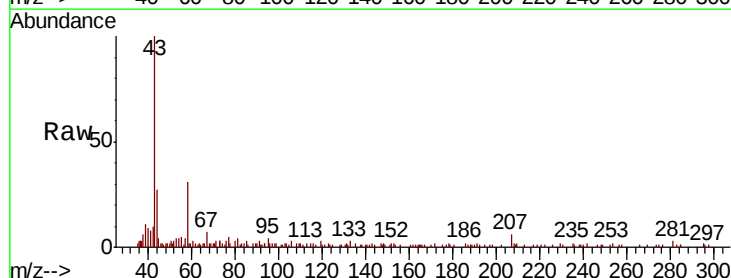
Acq: 31 Jul 2020 18:55

Tgt Ion: 43 Resp: 17689

Ion Ratio Lower Upper

43 100

58 27.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

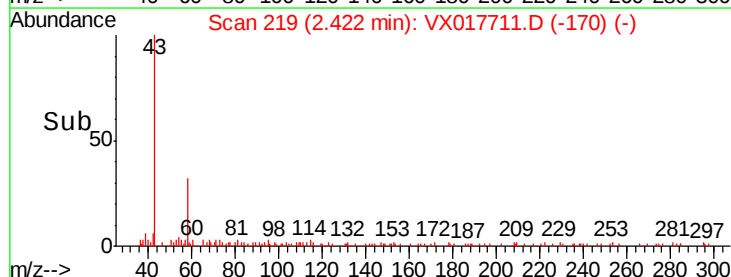
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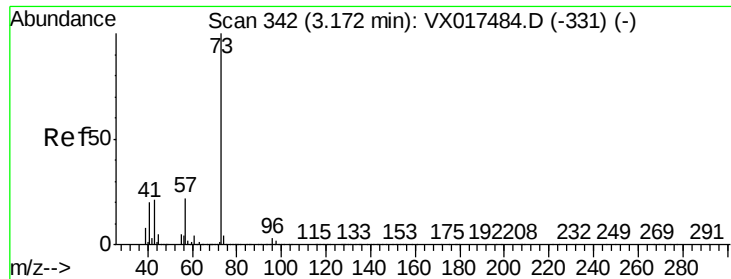
2000

0

2.35 2.40 2.45 2.50

Time-->

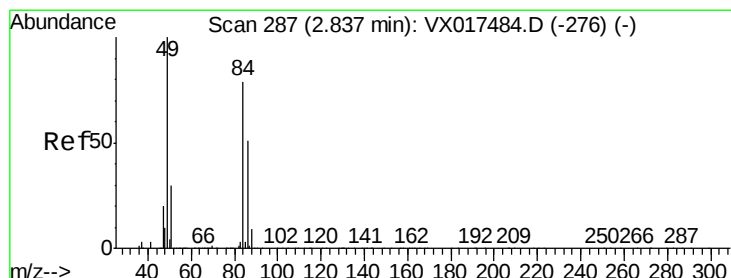
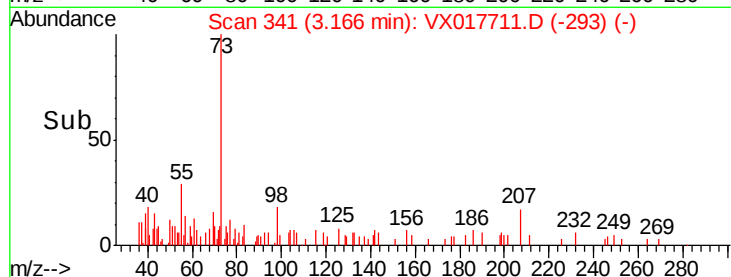
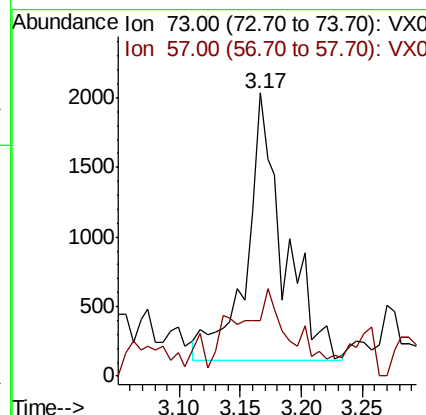
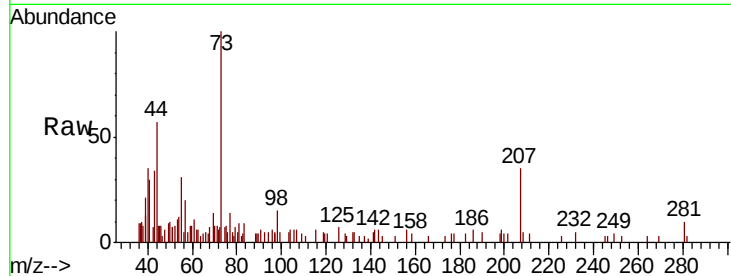




#19
Methyl tert-butyl Ether
Concen: 0.250 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

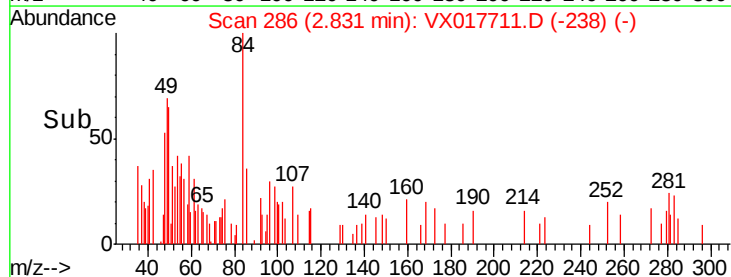
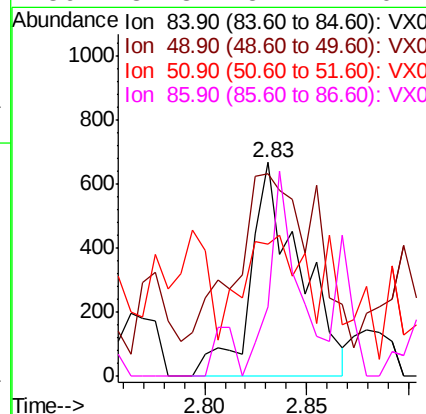
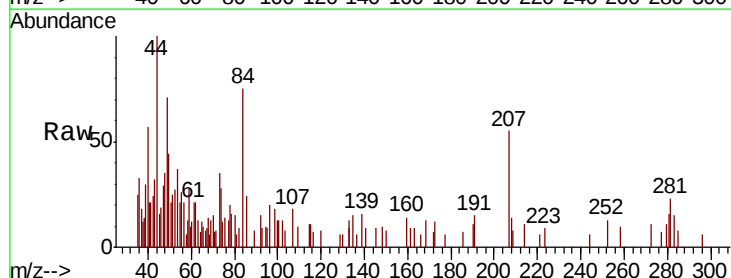
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-298-300

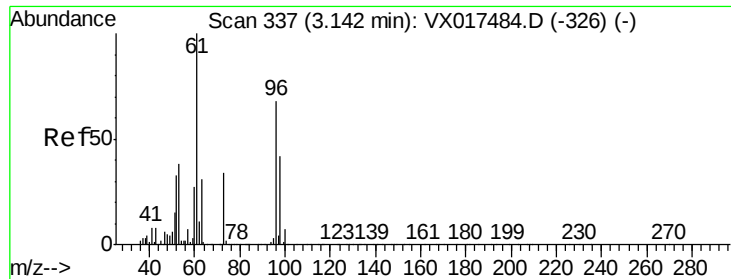
Tot Ion: 73 Resp: 4056
Ion Ratio Lower Upper
73 100
57 14.2 17.0 25.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

Tgt Ion: 84 Resp: 1131
Ion Ratio Lower Upper
84 100
49 74.7 100.3 150.5#
51 37.7 30.5 45.7
86 32.3 51.1 76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.296 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

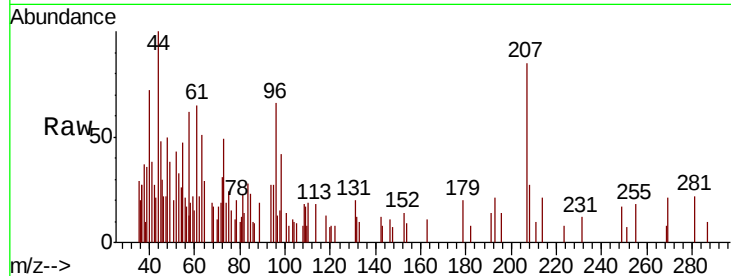
Tot Ion: 96 Resp: 1485

Ion Ratio Lower Upper

96 100

61 76.1 113.0 169.4#

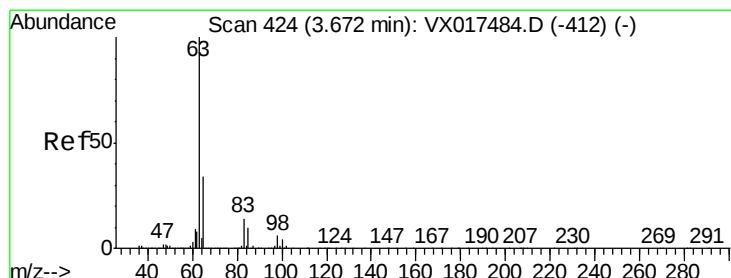
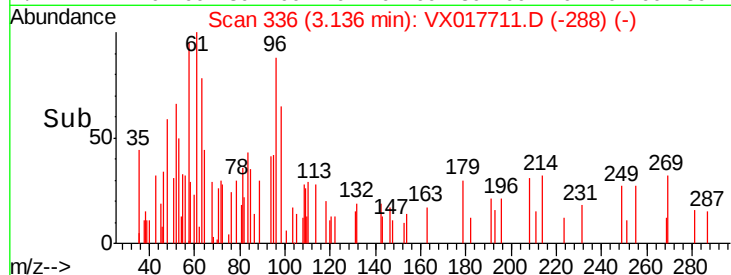
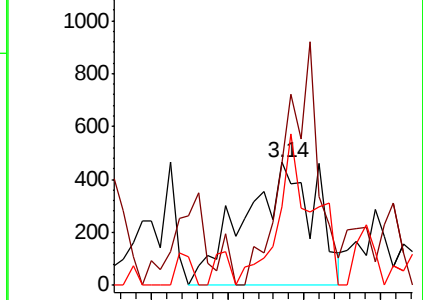
98 64.1 51.8 77.8



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



#24

1,1-Dichloroethane

Concen: 0.332 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

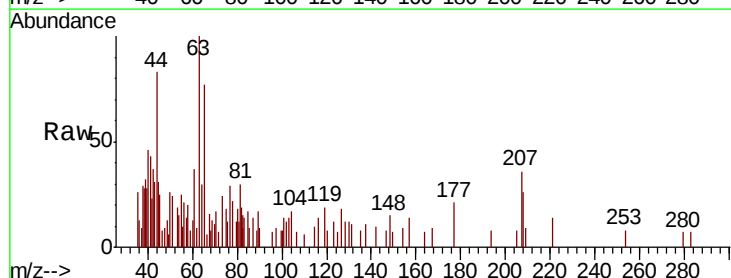
Tgt Ion: 63 Resp: 2985

Ion Ratio Lower Upper

63 100

98 9.4 3.4 10.1

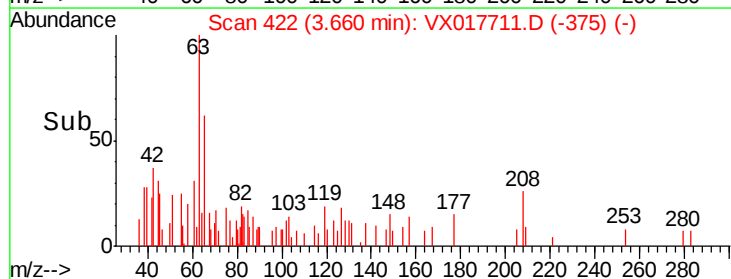
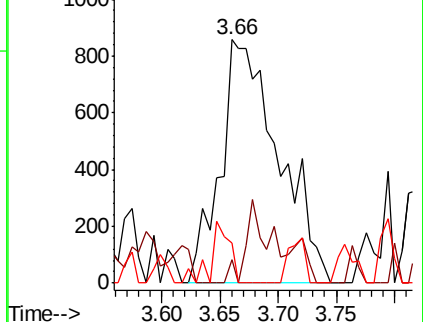
100 5.9 1.9 5.7#

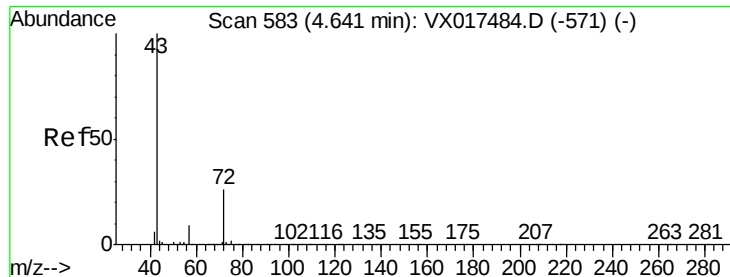


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.975 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

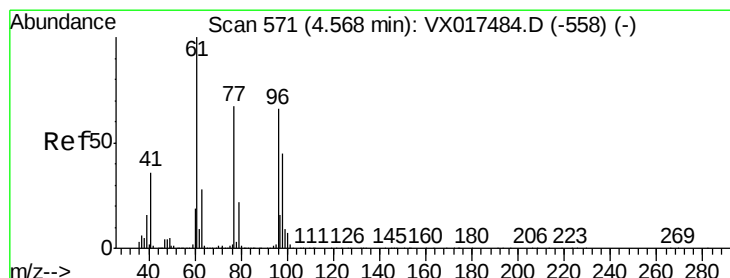
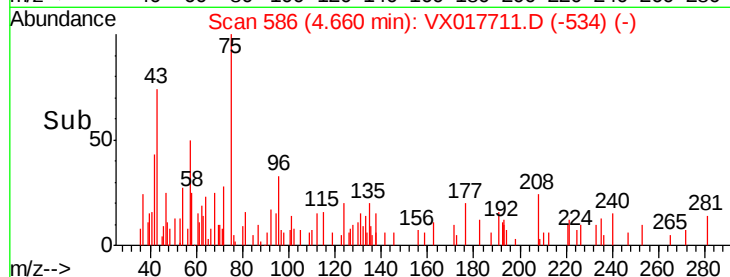
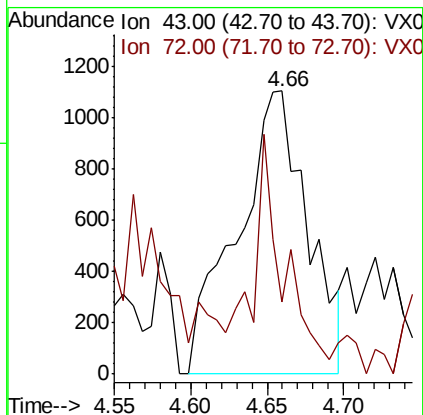
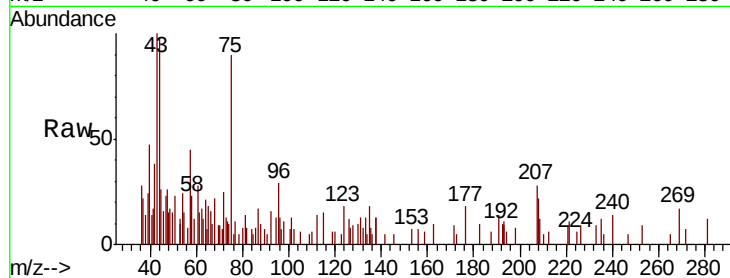
BP-VPB179-GW-298-300

Tot Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

72 14.5 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 19.194 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

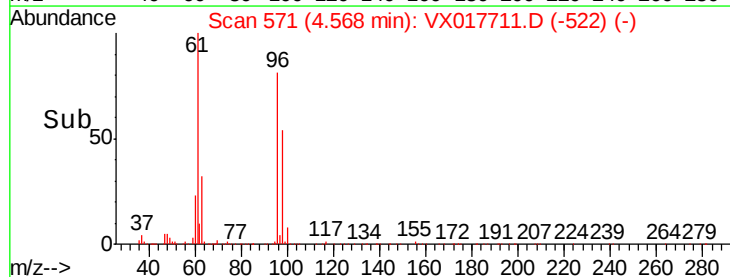
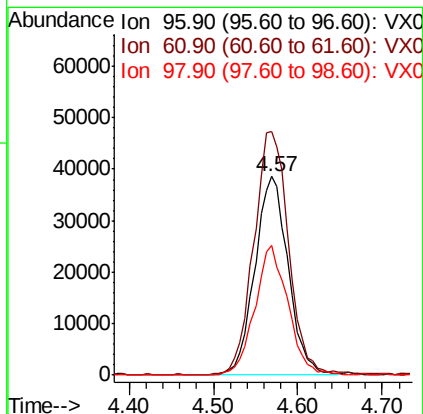
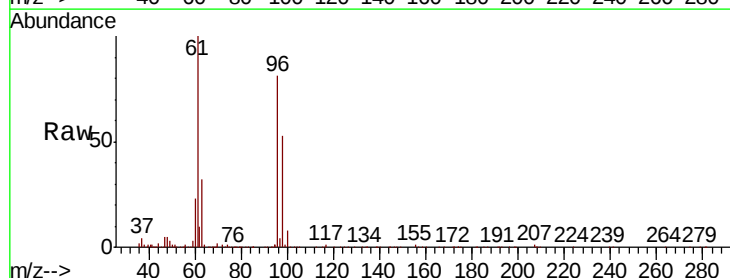
Tgt Ion: 96 Resp: 104507

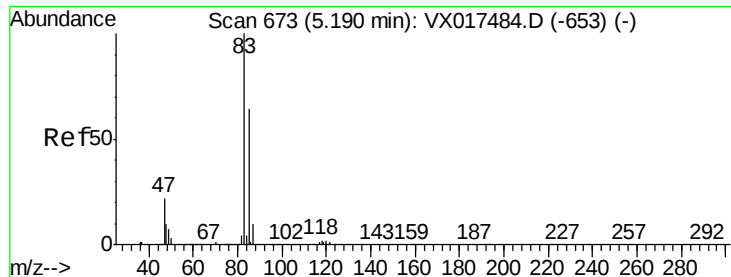
Ion Ratio Lower Upper

96 100

61 128.8 0.0 301.2

98 64.9 0.0 130.0

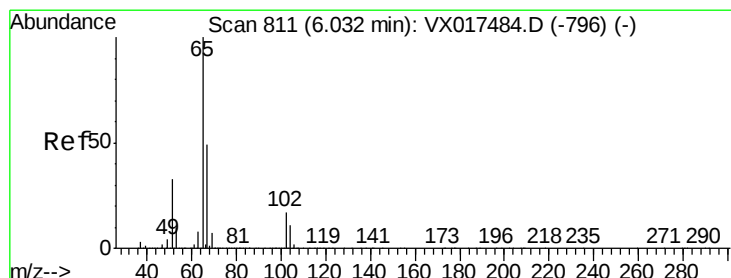
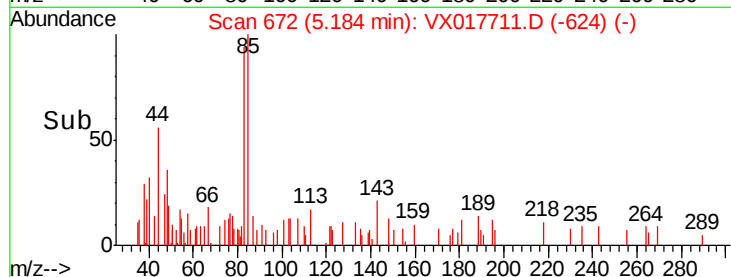
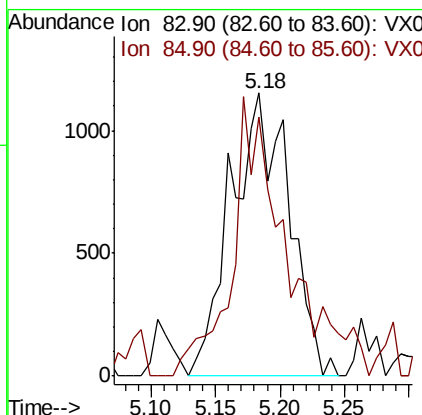
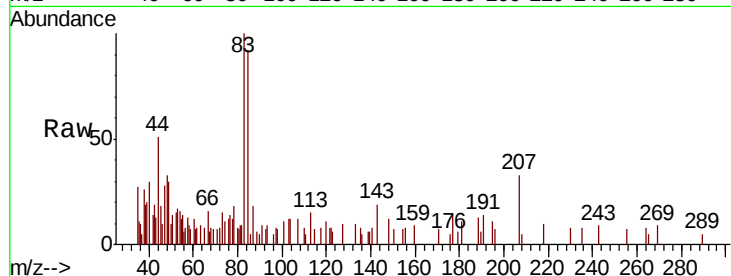




#30
Chloroform
Concen: 0.395 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

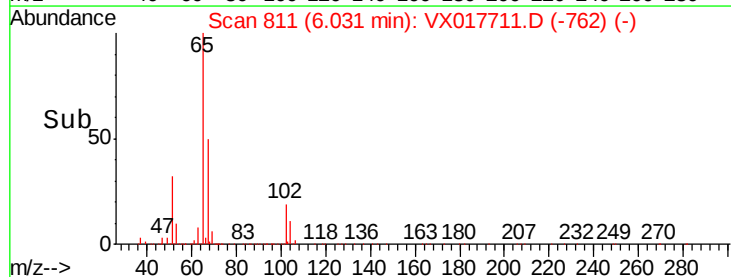
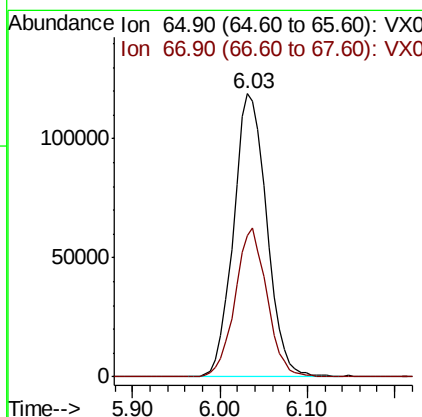
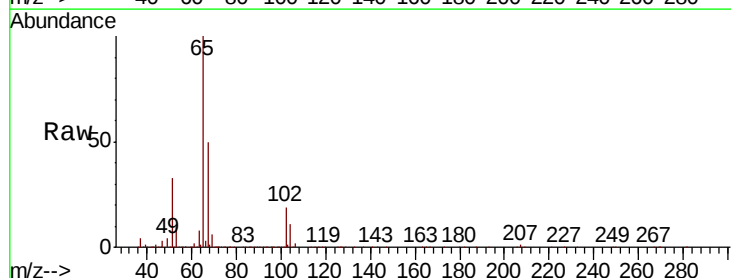
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-298-300

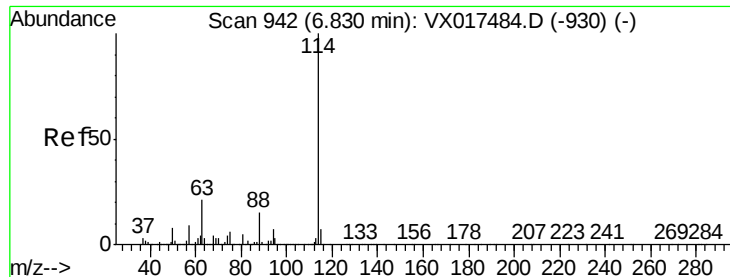
Tot Ion: 83 Resp: 3629
Ion Ratio Lower Upper
83 100
85 82.0 51.4 77.2#



#33
1,2-Dichloroethane-d4
Concen: 53.869 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

Tgt Ion: 65 Resp: 313482
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

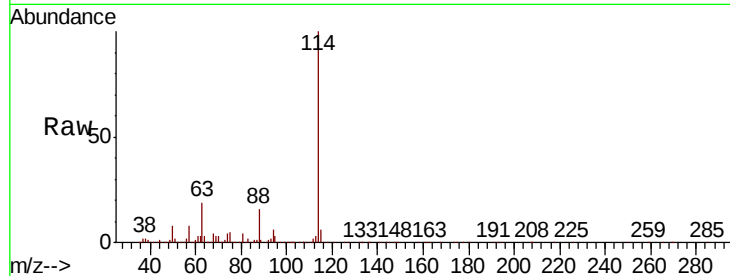
Tot Ion:114 Resp: 783441

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

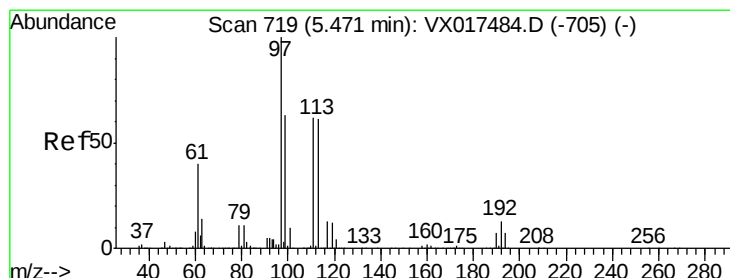
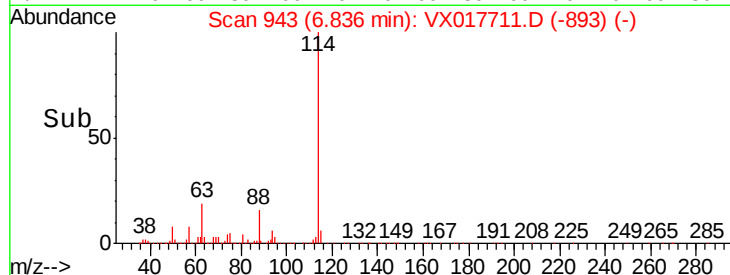
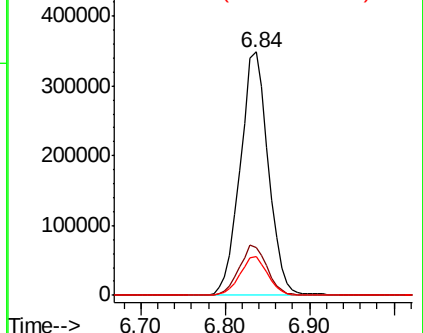
88 15.8 0.0 33.4



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: 49.963 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

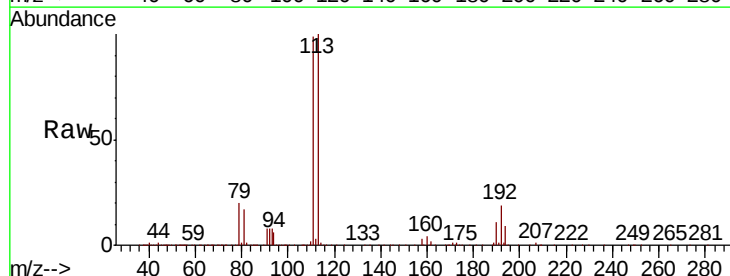
Tgt Ion:113 Resp: 261793

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

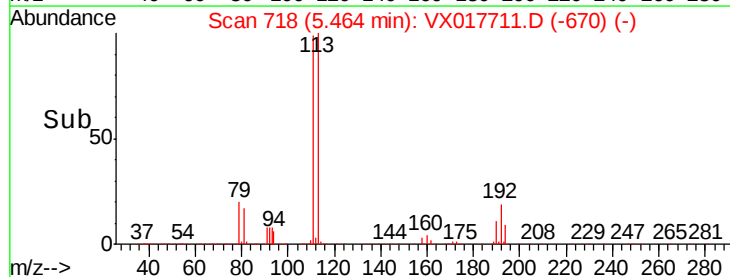
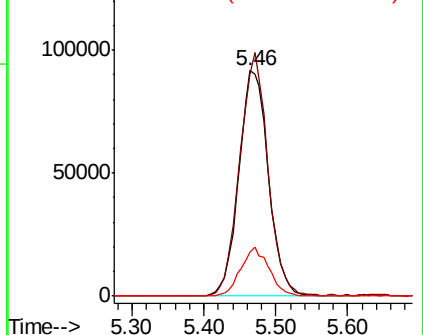
192 20.8 16.9 25.3

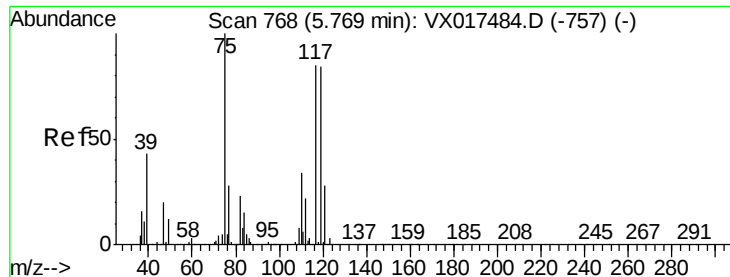


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.558 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

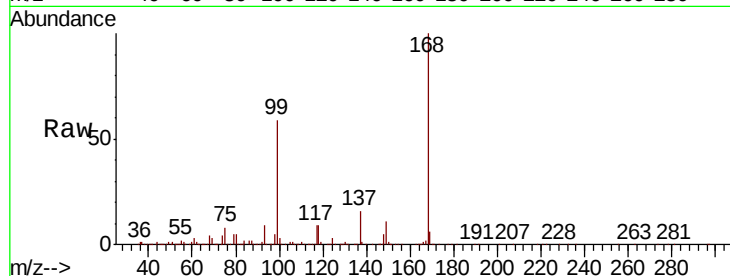
Tot Ion: 75 Resp: 34248

Ion Ratio Lower Upper

75 100

110 11.5 18.1 54.3#

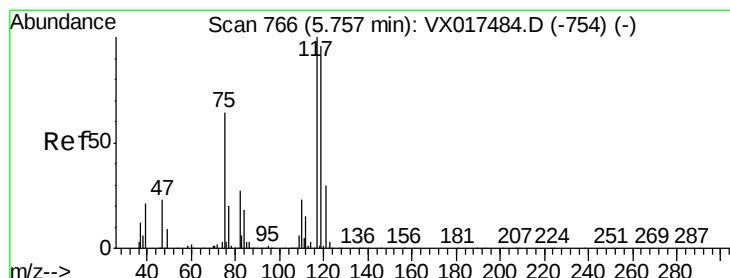
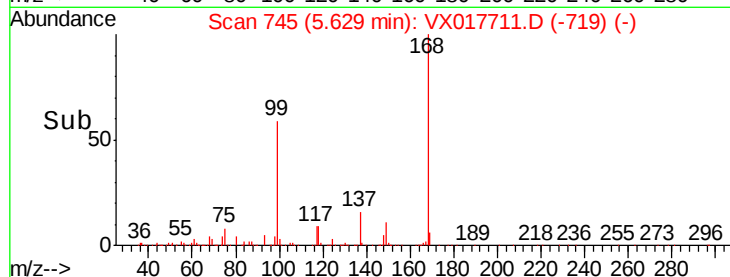
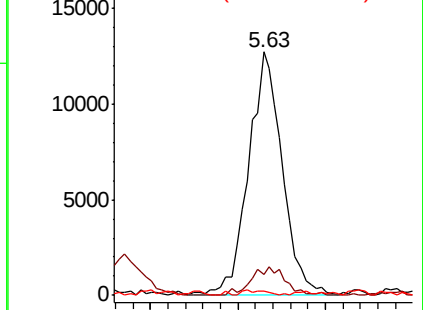
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.001 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

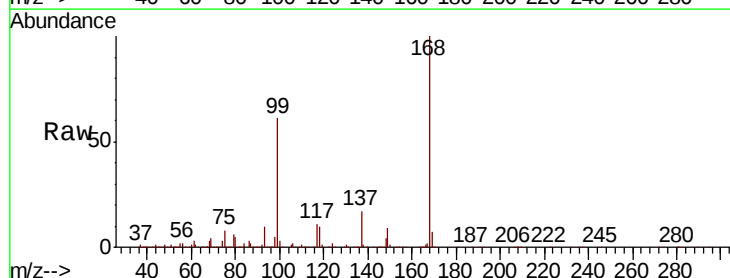
Tgt Ion: 117 Resp: 45635

Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.0#

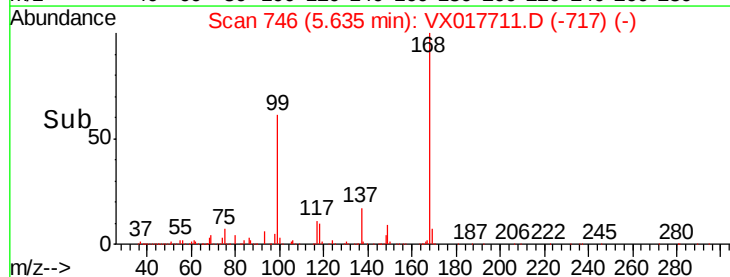
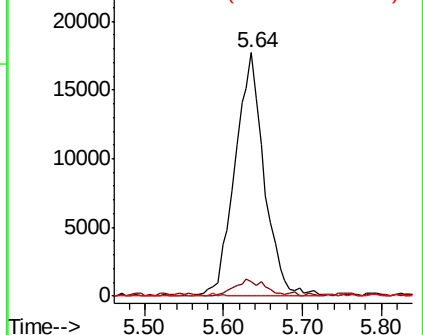
121 0.0 24.3 36.5#

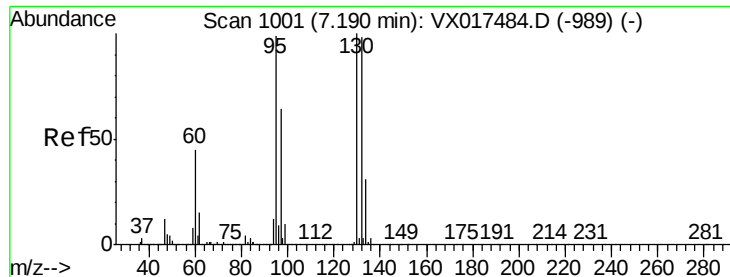


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

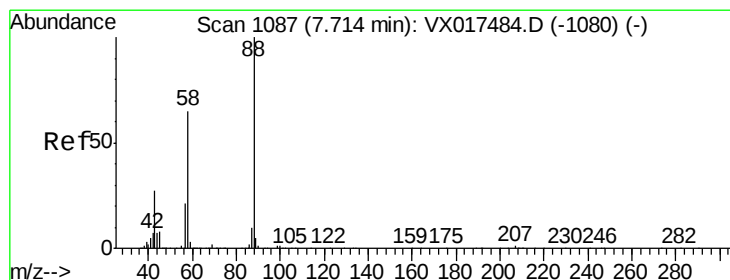
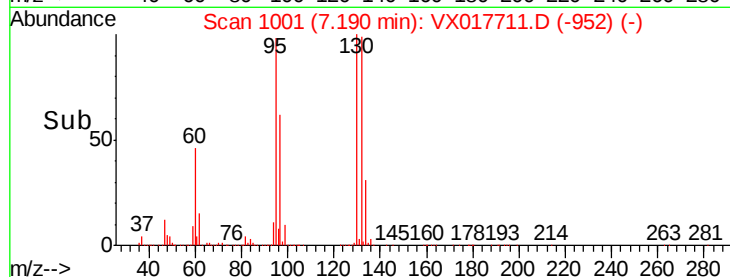
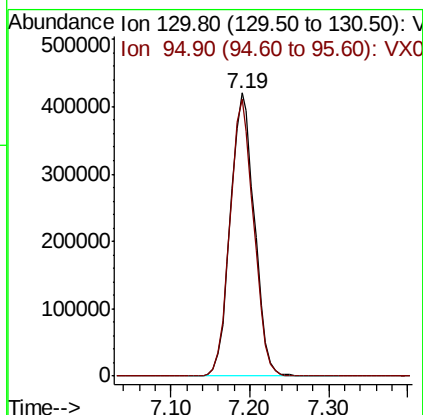
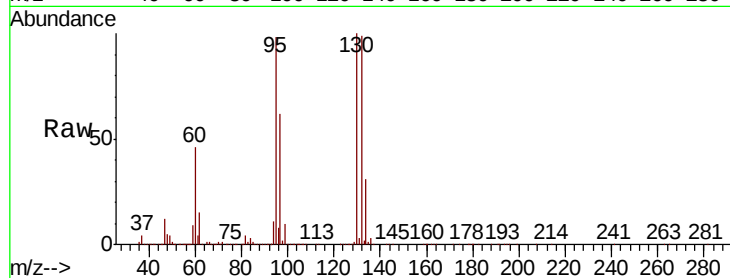




#44
 Trichloroethene
 Concen: 141.734 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017711.D
 Acq: 31 Jul 2020 18:55

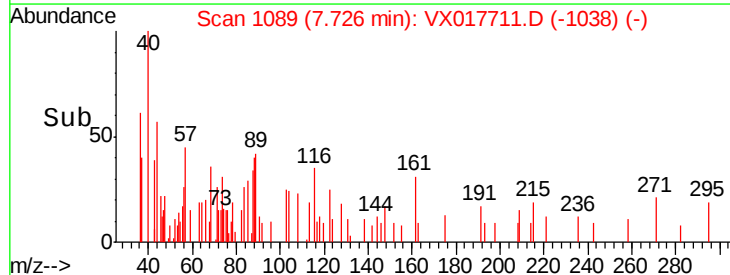
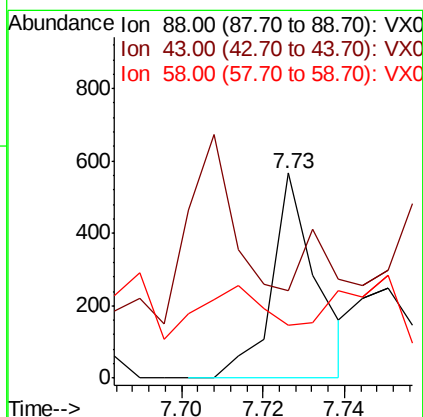
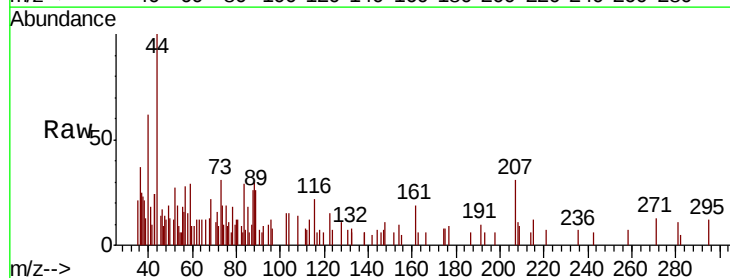
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-298-300

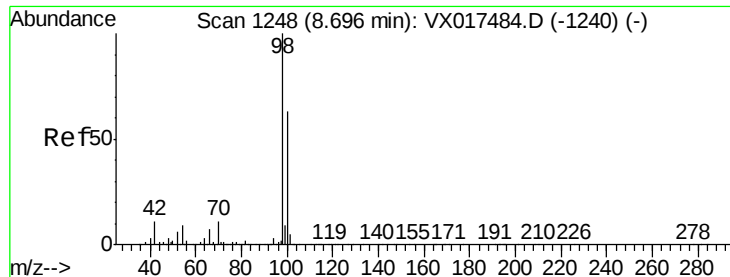
Tot Ion:130 Resp: 892283
 Ion Ratio Lower Upper
 130 100
 95 97.8 0.0 189.0



#49
 1,4-Dioxane
 Concen: 3.351 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX017711.D
 Acq: 31 Jul 2020 18:55

Tgt Ion: 88 Resp: 432
 Ion Ratio Lower Upper
 88 100
 43 30.6 27.8 41.6
 58 0.0 58.3 87.5#





#50

Toluene-d8

Concen: 54.071 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

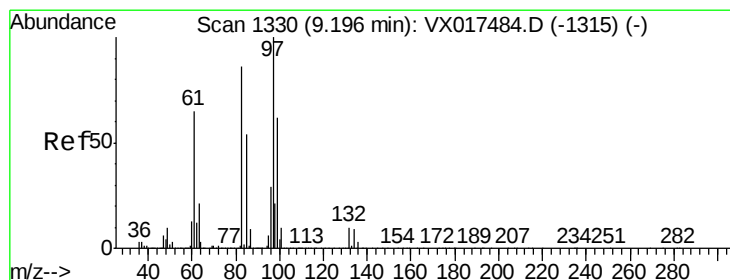
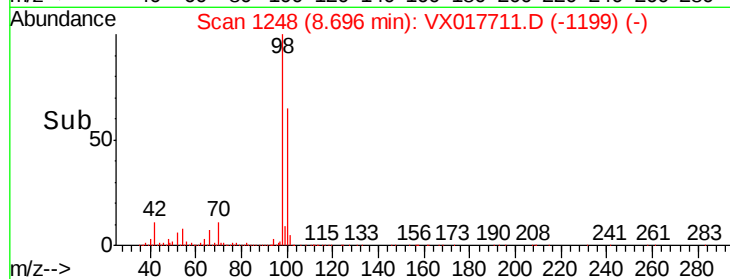
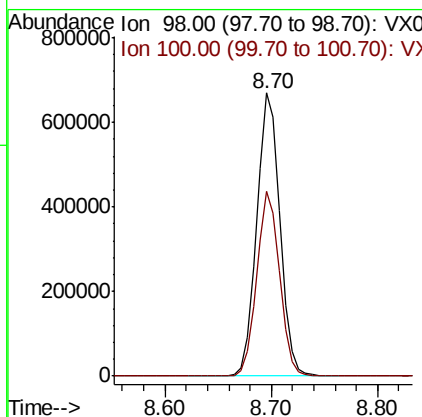
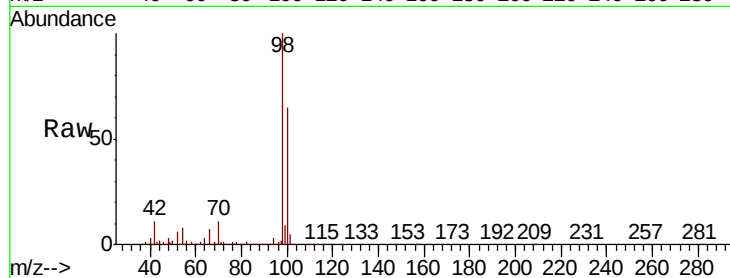
BP-VPB179-GW-298-300

Tot Ion: 98 Resp: 1022050

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#55

1,1,2-Trichloroethane

Concen: 0.328 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Tgt Ion: 97 Resp: 1888

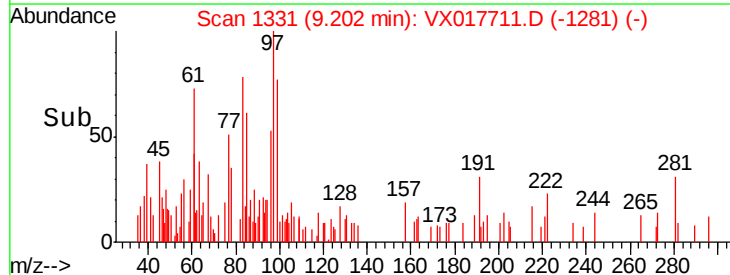
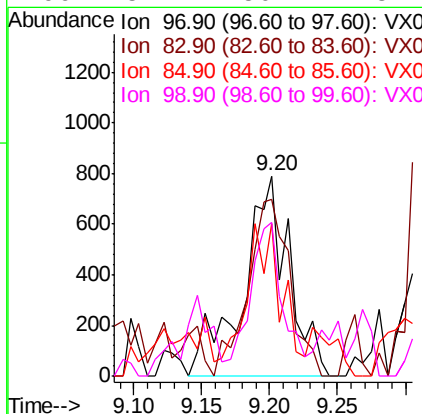
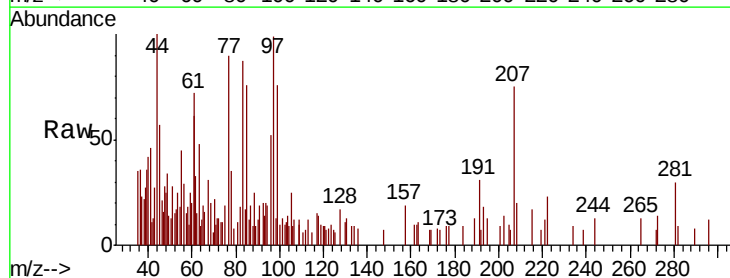
Ion Ratio Lower Upper

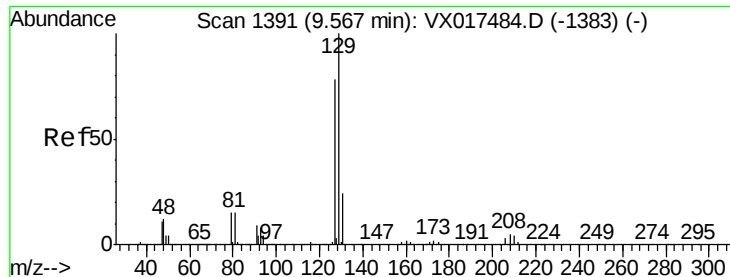
97 100

83 88.6 67.6 101.4

85 58.0 44.6 67.0

99 51.7 50.2 75.4





#60

Dibromochloromethane

Concen: 10.903 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

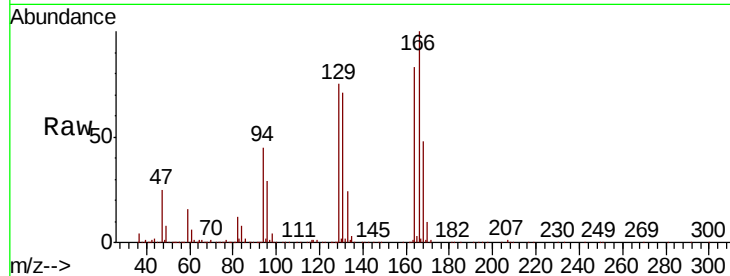
BP-VPB179-GW-298-300

Tot Ion:129 Resp: 79753

Ion Ratio Lower Upper

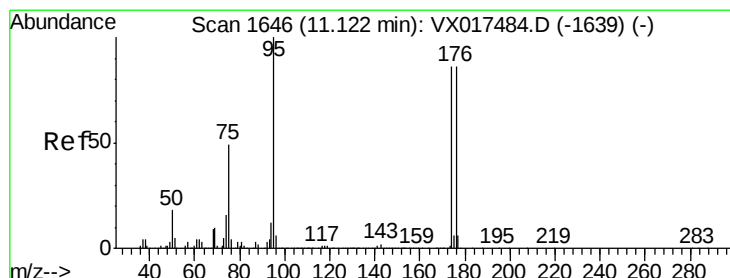
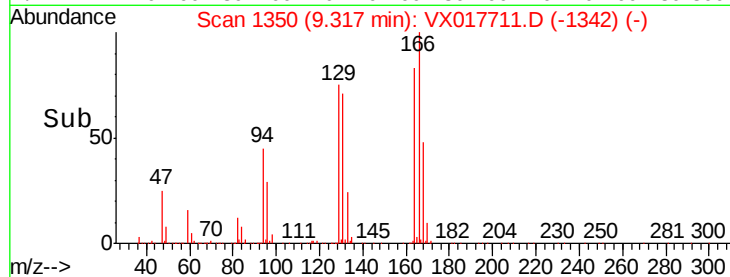
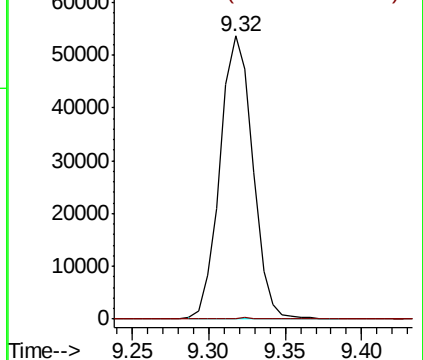
129 100

127 0.4 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 58.733 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

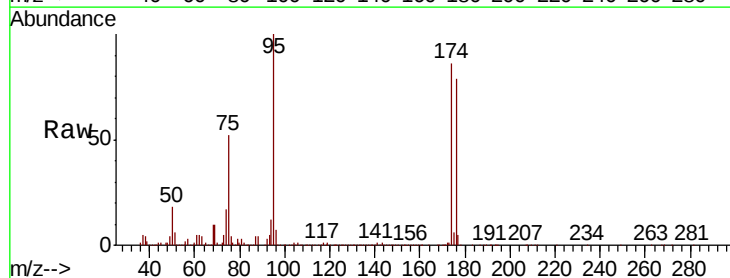
Tgt Ion: 95 Resp: 444295

Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.0

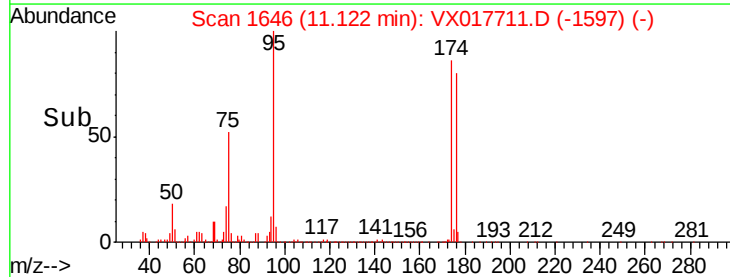
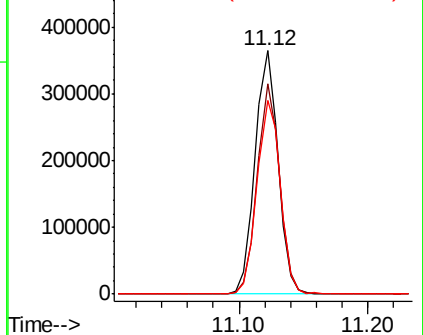
176 81.1 0.0 161.0

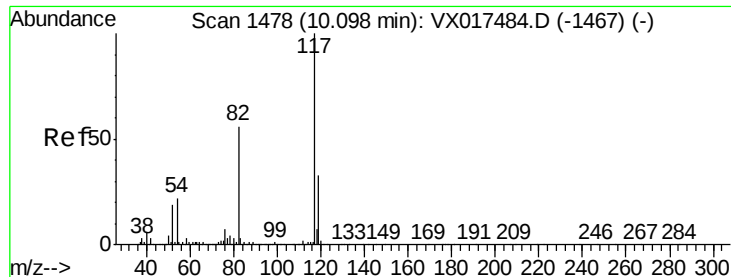


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

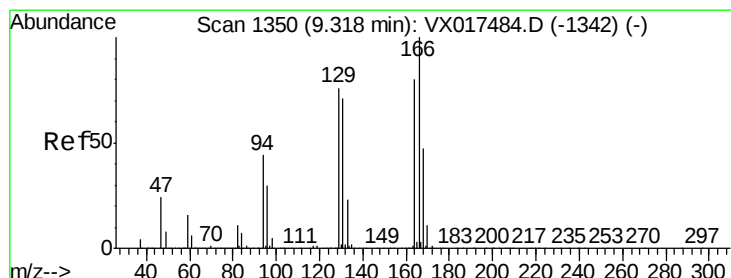
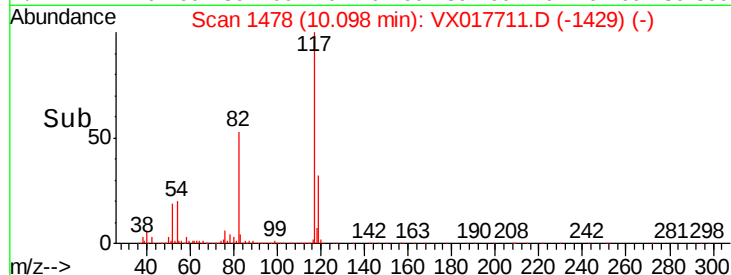
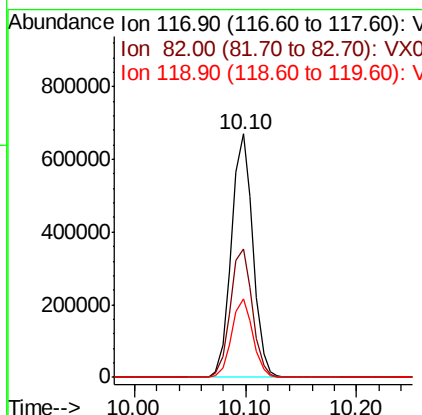
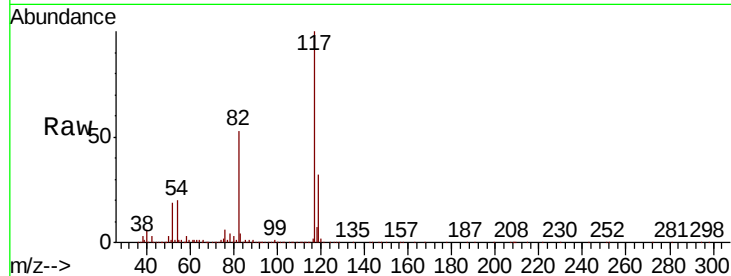




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

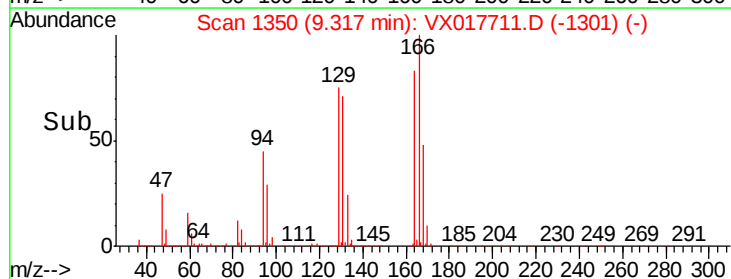
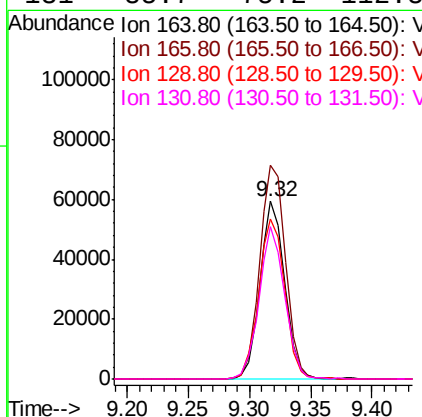
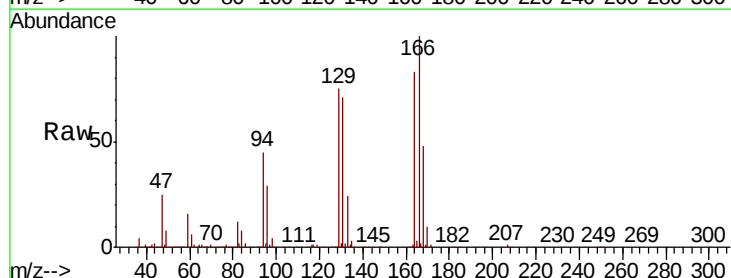
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-298-300

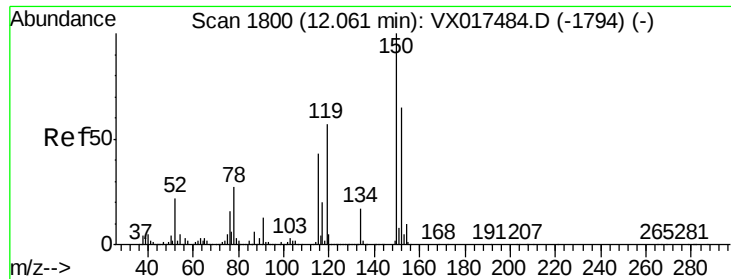
Tot Ion:117 Resp: 891275
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 10.483 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017711.D
Acq: 31 Jul 2020 18:55

Tgt Ion:164 Resp: 83862
Ion Ratio Lower Upper
164 100
166 120.3 100.6 150.8
129 90.3 75.0 112.6
131 85.7 75.2 112.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

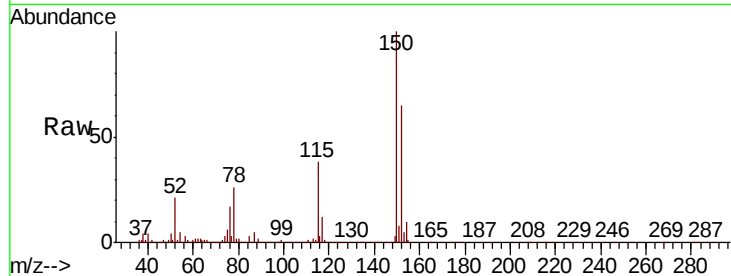
Tot Ion:152 Resp: 479114

Ion Ratio Lower Upper

152 100

115 58.6 65.5 196.6#

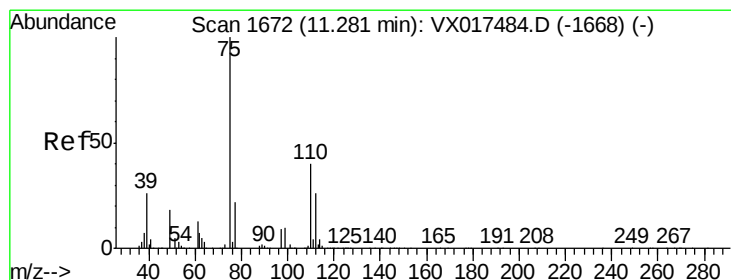
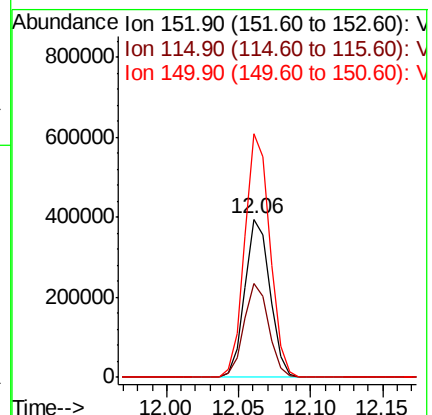
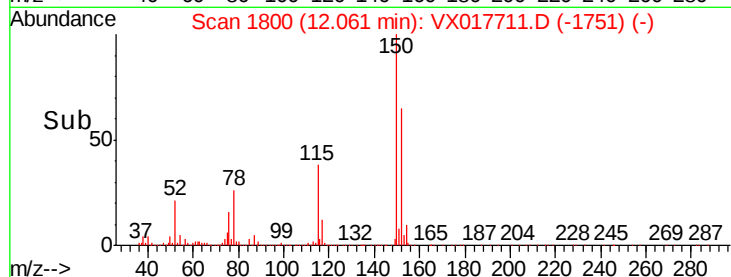
150 154.1 0.0 412.6



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



#76

1,2,3-Trichloropropane

Concen: 23.047 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017711.D

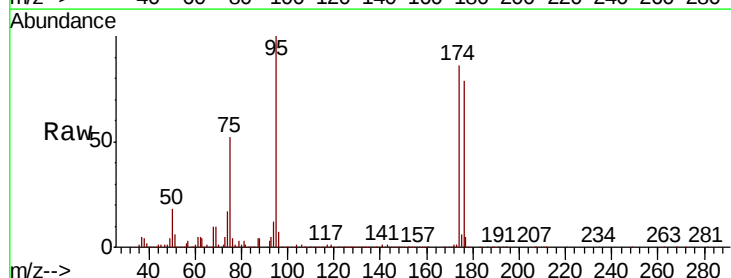
Acq: 31 Jul 2020 18:55

Tgt Ion: 75 Resp: 227137

Ion Ratio Lower Upper

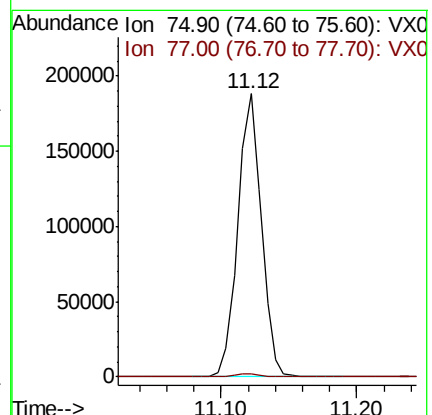
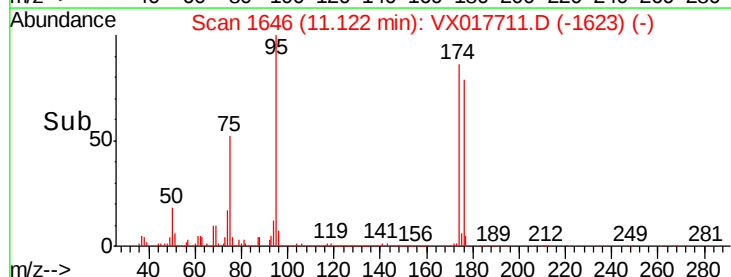
75 100

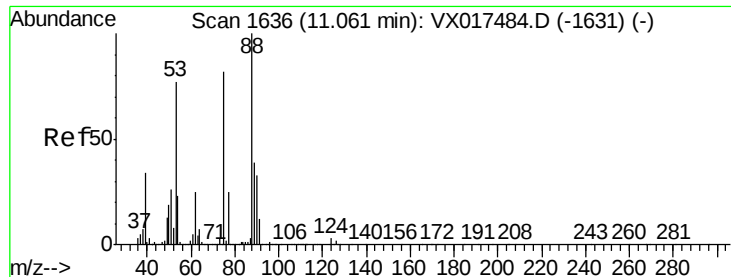
77 1.2 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 58.072 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

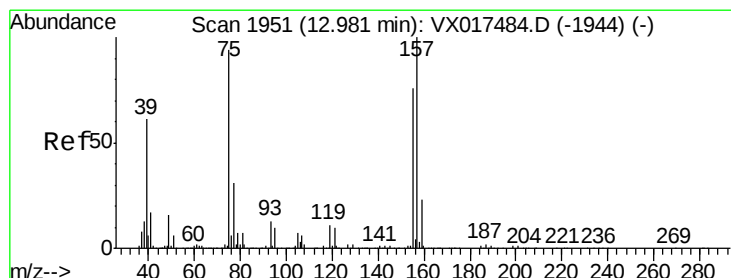
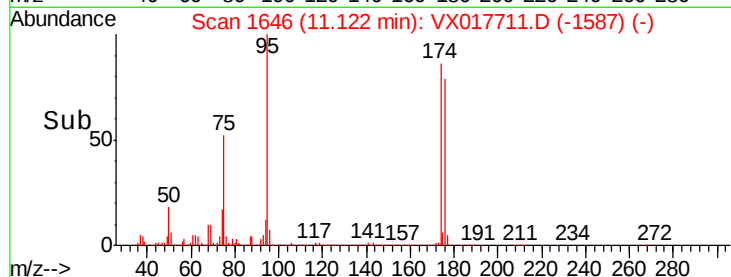
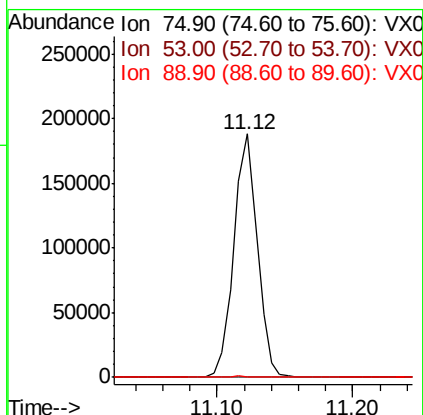
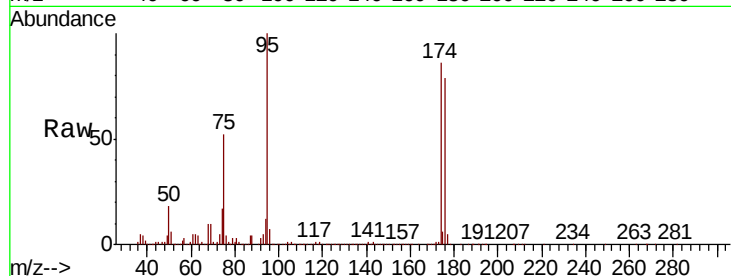
Tot Ion: 75 Resp: 227137

Ion Ratio Lower Upper

75 100

53 0.5 75.9 113.9#

89 0.2 37.8 56.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.628 ug/l

RT: 12.99 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VX017711.D

Acq: 31 Jul 2020 18:55

Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 0.0 54.3 162.9#

