

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017703.D
 Acq On : 31 Jul 2020 15:52
 Operator : JC/SP
 Sample : L3526-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-98-100

Quant Time: Aug 01 02:45:51 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	5.64	168	449458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	778892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	794302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	438389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	331611	57.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.88%	
35) Dibromofluoromethane	5.47	113	264300	50.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.48%	
50) Toluene-d8	8.70	98	910614	48.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	426082	56.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	236	Below Cal		84
3) Chloromethane	1.32	50	814	0.512	ug/l	89
5) Bromomethane	1.65	94	830	Below Cal		84
6) Chloroethane	1.72	64	366	Below Cal	#	44
8) Diethyl Ether	2.23	74	436	Below Cal		54
11) Tert butyl alcohol	3.00	59	342	0.281	ug/l #	1
13) Acrolein	2.28	56	1025	5.234	ug/l	88
16) Acetone	2.42	43	36354	14.306	ug/l	95
18) Methyl Acetate	2.76	43	1982	0.331	ug/l #	61
19) Methyl tert-butyl Ether	3.17	73	3792	0.236	ug/l #	82
20) Methylene Chloride	2.84	84	1158	Below Cal	#	60
25) 2-Butanone	4.64	43	12338	3.418	ug/l	91
30) Chloroform	5.19	83	8015	0.879	ug/l	91
36) 1,1-Dichloropropene	5.63	75	32411	4.339	ug/l #	53
38) Carbon Tetrachloride	5.63	117	45365	5.001	ug/l #	17
40) Benzene	6.12	78	16673	0.778	ug/l	96
43) Isopropyl Acetate	6.43	43	2910	0.216	ug/l #	67
49) 1,4-Dioxane	7.74	88	626	4.884	ug/l #	22
52) Toluene	8.77	92	163933	11.935	ug/l	97
59) 2-Hexanone	9.48	43	5810	0.959	ug/l	93
67) Ethyl Benzene	10.23	91	60858	2.121	ug/l	93
68) m/p-Xylenes	10.34	106	79088	7.113	ug/l	100
69) o-Xylene	10.68	106	45814	4.284	ug/l	98
70) Styrene	10.68	104	3839	0.211	ug/l #	1
74) N-amyl acetate	10.90	43	2810	0.210	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	221295	24.540	ug/l #	35
78) n-propylbenzene	11.34	91	17691	0.522	ug/l	100
79) 2-Chlorotoluene	11.41	91	11579	0.551	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.49	105	19707	0.767	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	221295	61.834	ug/l #	12
83) tert-Butylbenzene	11.79	119	13105	0.533	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.79	105	106374	4.165	ug/l	100
85) sec-Butylbenzene	11.79	105	106374	3.717	ug/l #	55
89) n-Butylbenzene	12.37	91	6008	0.247	ug/l #	44

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

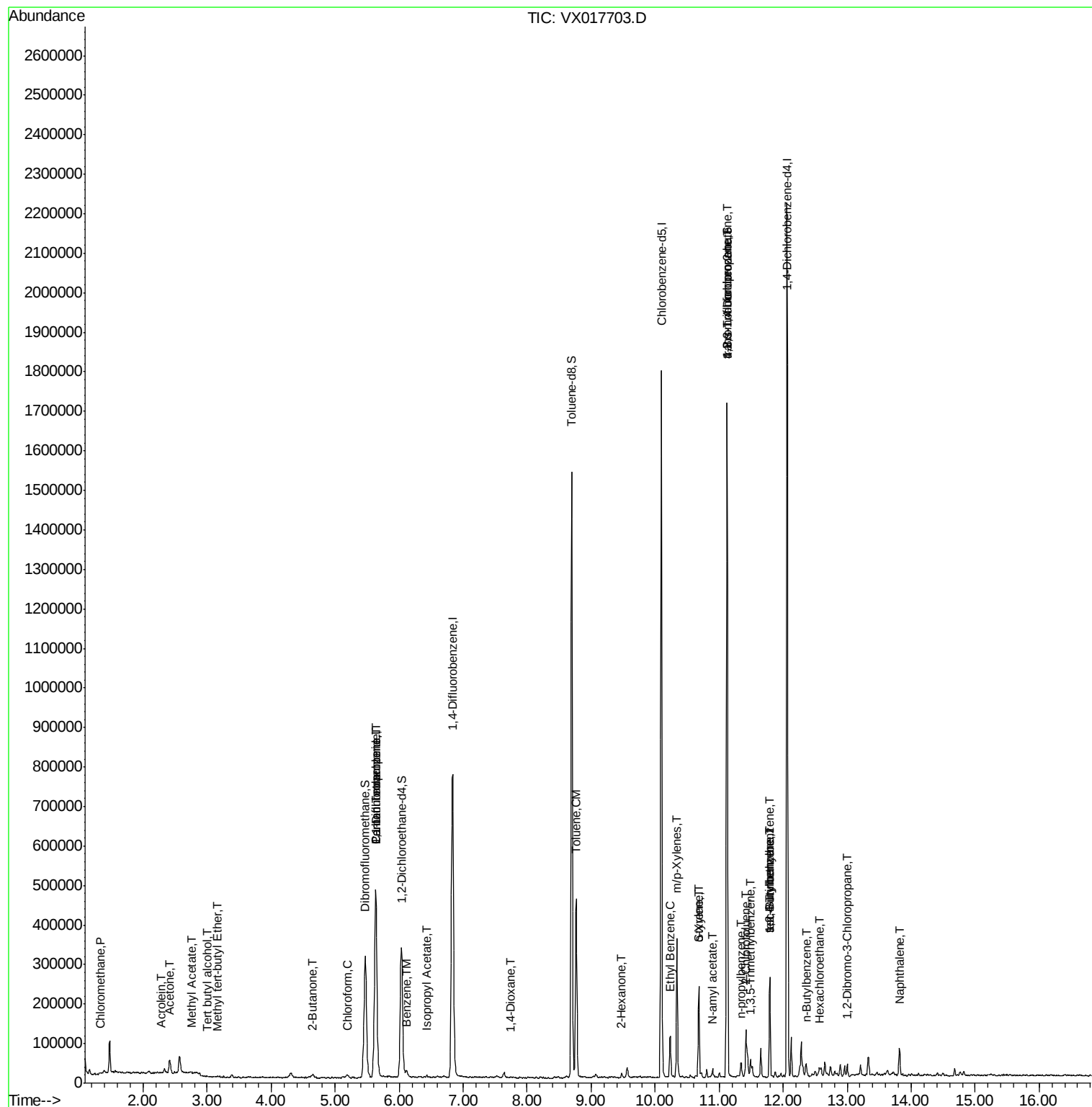
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.57	117	2258	0.420	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	500	2.755	ug/l #	33
95) Naphthalene	13.82	128	42359	1.463	ug/l	98

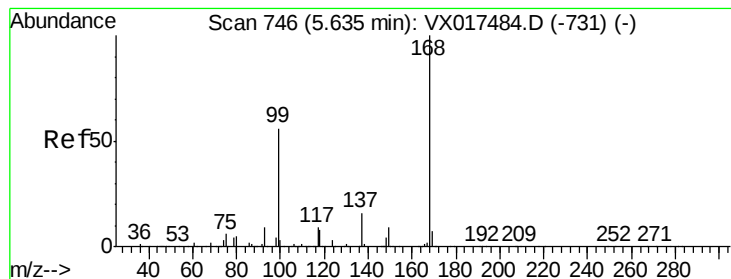
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

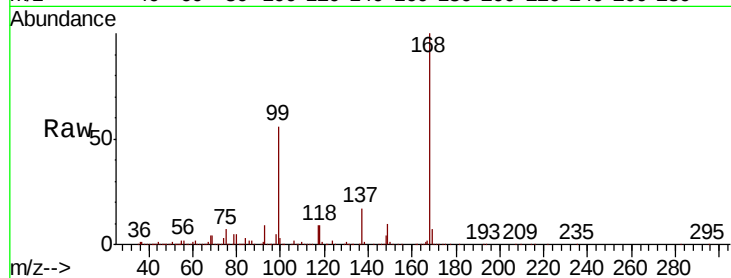
BP-VPB179-GW-98-100

Tot Ion:168 Resp: 449458

Ion Ratio Lower Upper

168 100

99 56.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

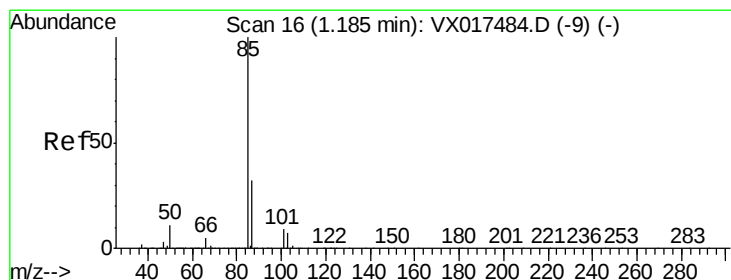
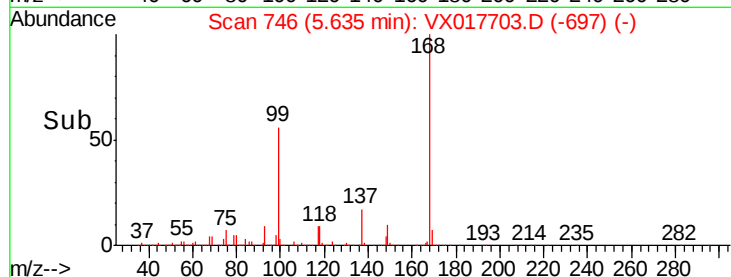
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017703.D

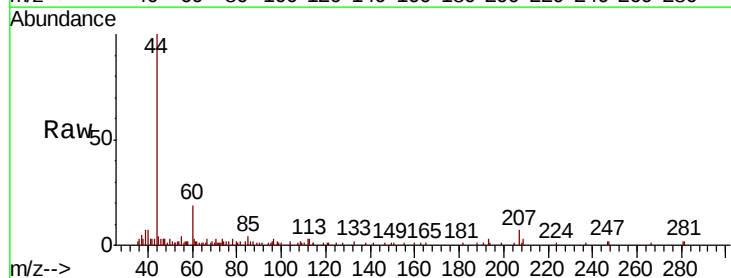
Acq: 31 Jul 2020 15:52

Tgt Ion: 85 Resp: 236

Ion Ratio Lower Upper

85 100

87 23.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300

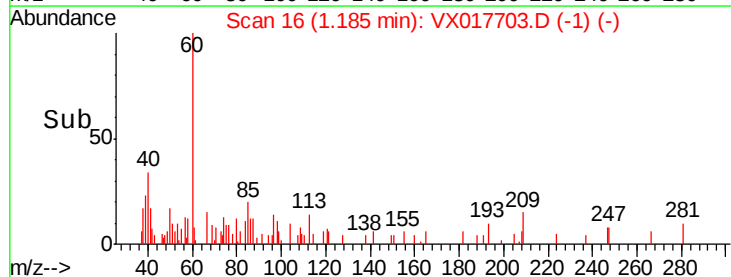
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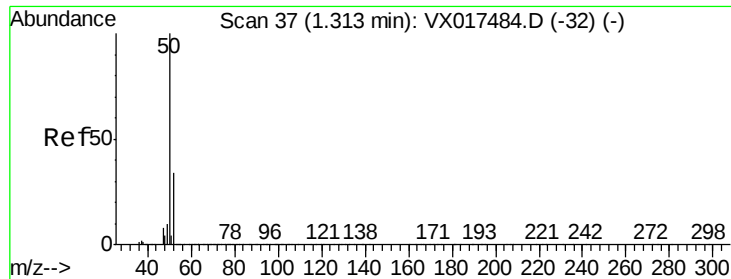
100

0

Time-->

1.16 1.18 1.20





#3

Chloromethane

Concen: 0.512 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

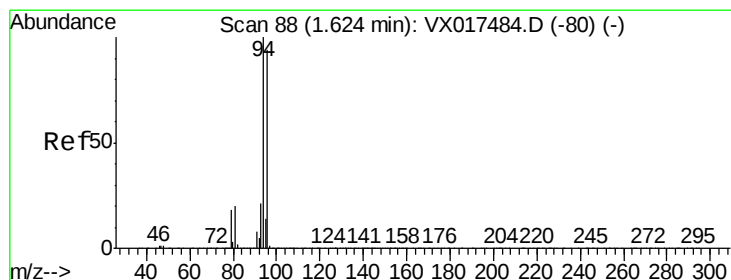
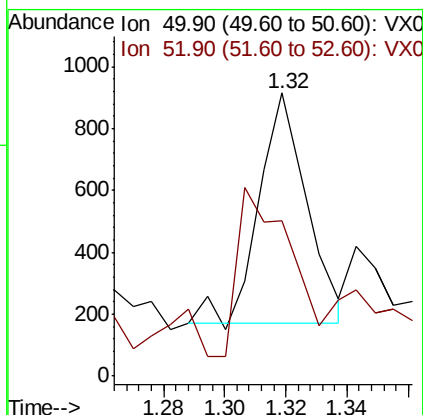
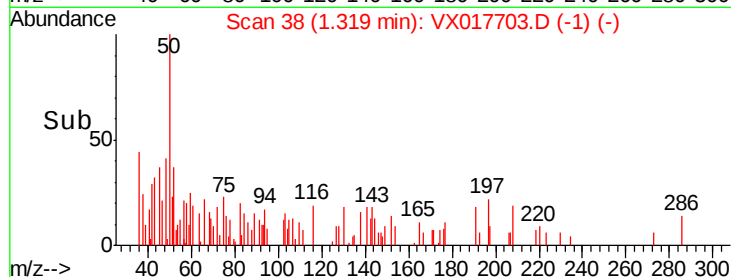
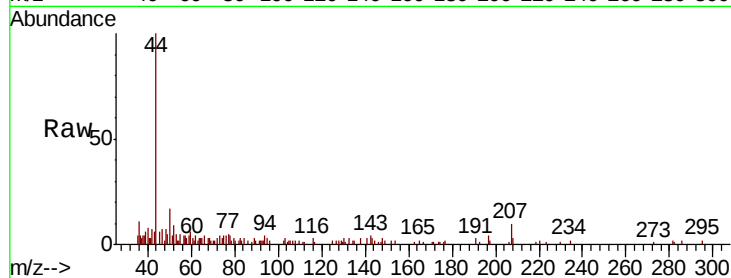
BP-VPB179-GW-98-100

Tot Ion: 50 Resp: 814

Ion Ratio Lower Upper

50 100

52 38.5 25.9 38.9



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX017703.D

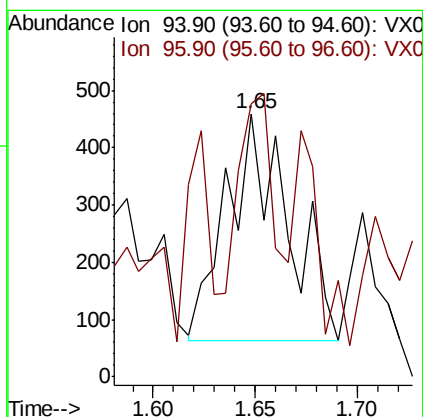
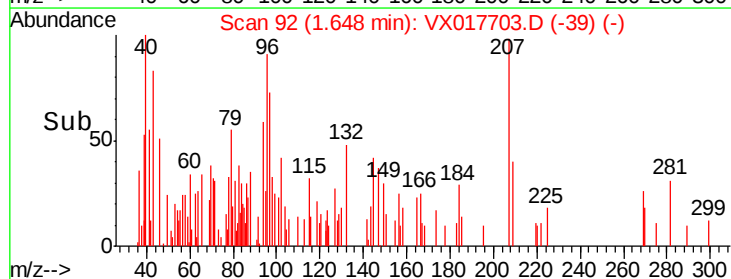
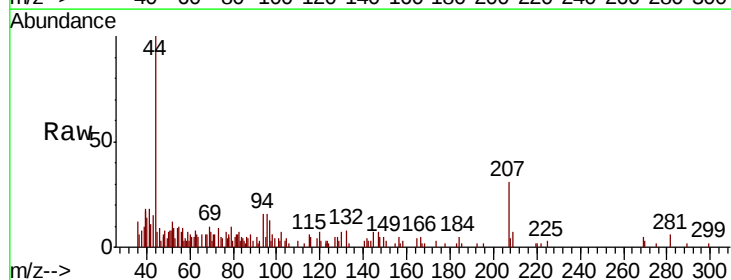
Acq: 31 Jul 2020 15:52

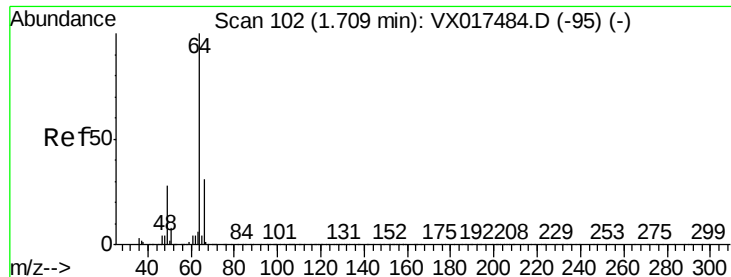
Tgt Ion: 94 Resp: 830

Ion Ratio Lower Upper

94 100

96 77.5 74.1 111.1





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

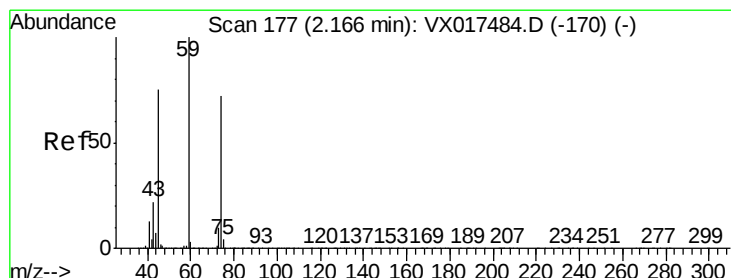
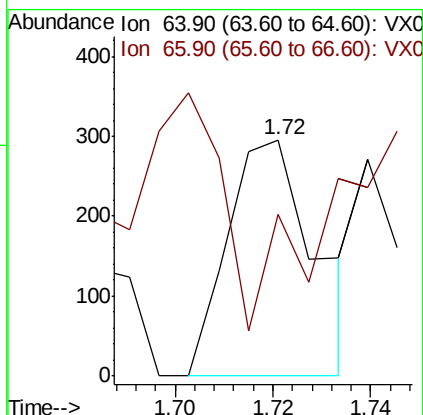
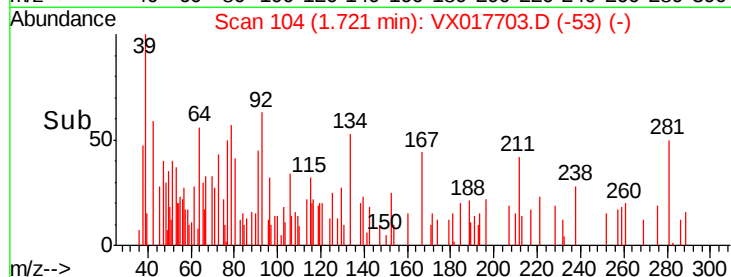
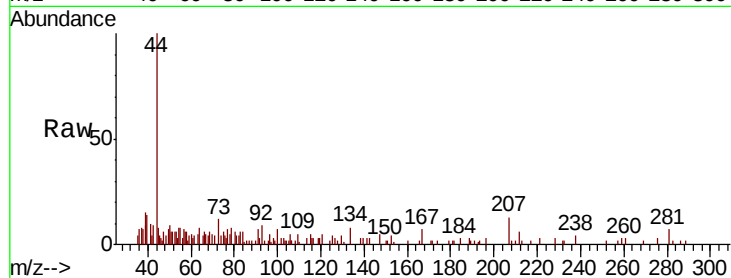
BP-VPB179-GW-98-100

Tot Ion: 64 Resp: 366

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 188

Delta R.T. 0.07 min

Lab File: VX017703.D

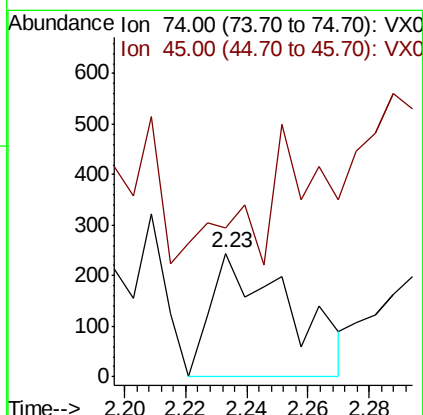
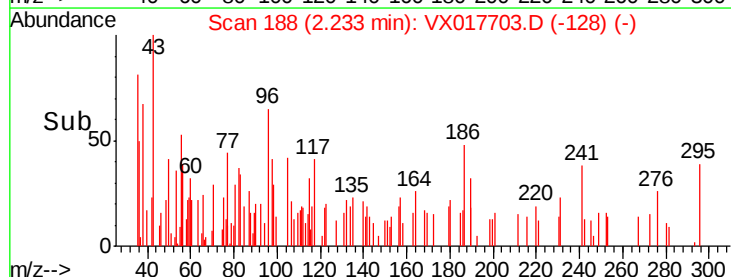
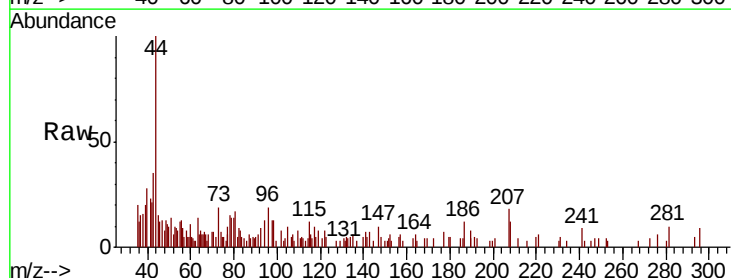
Acq: 31 Jul 2020 15:52

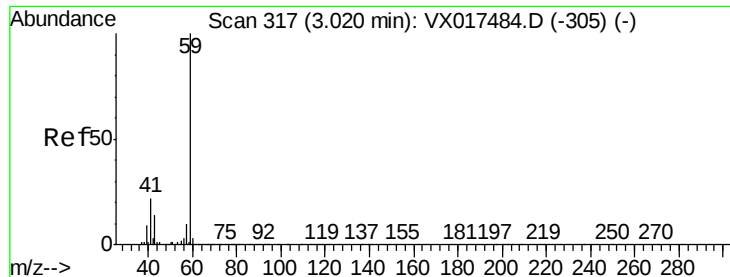
Tgt Ion: 74 Resp: 436

Ion Ratio Lower Upper

74 100

45 55.3 50.8 152.5



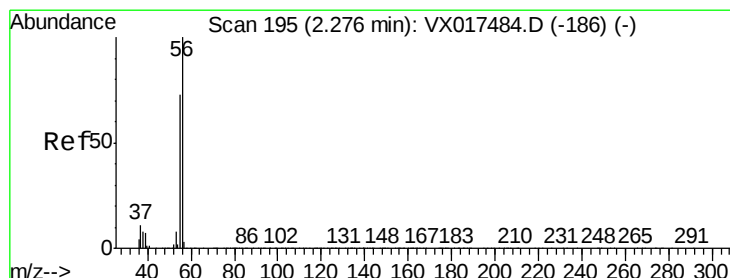
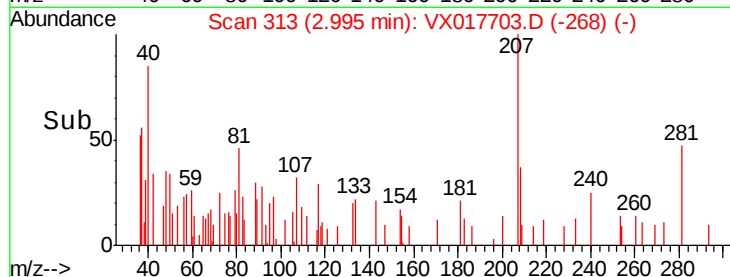
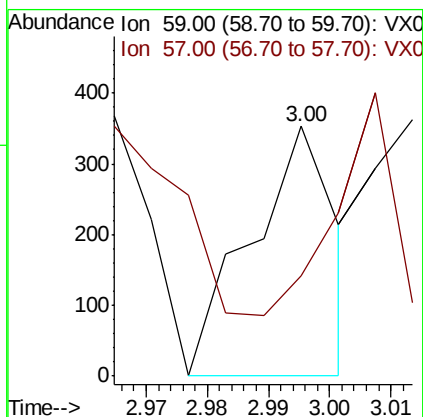
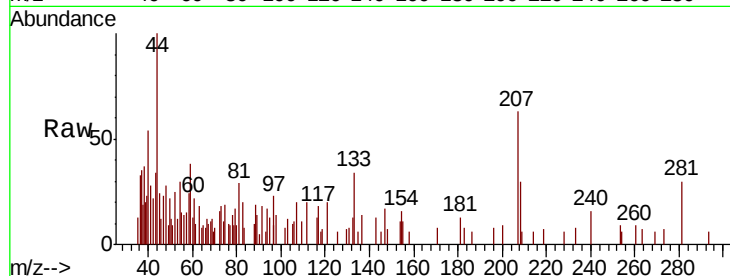


#11

Tert butyl alcohol
 Concen: 0.281 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-98-100

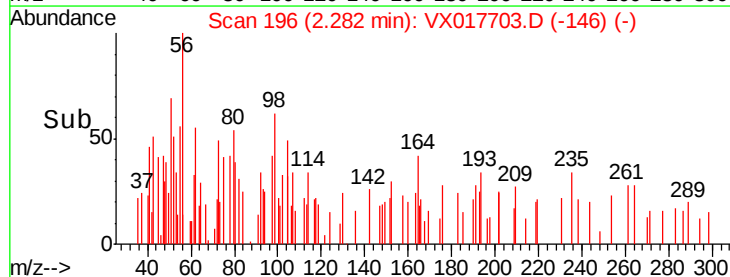
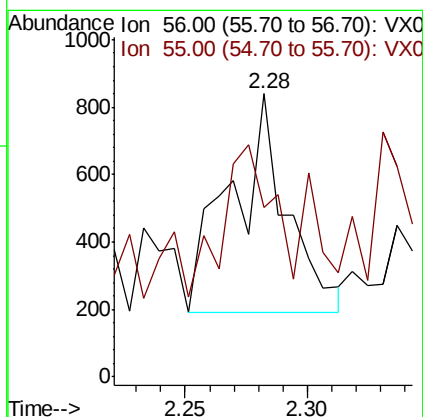
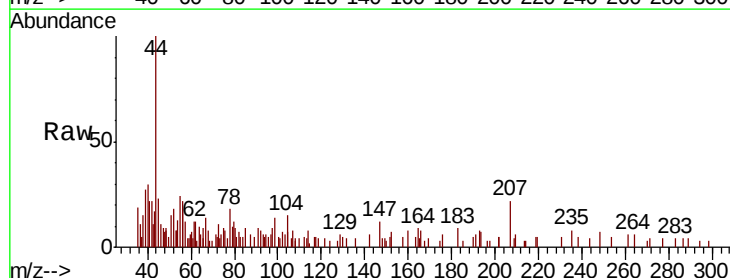
Tot Ion: 59 Resp: 342
 Ion Ratio Lower Upper
 59 100
 57 125.1 8.6 12.8#

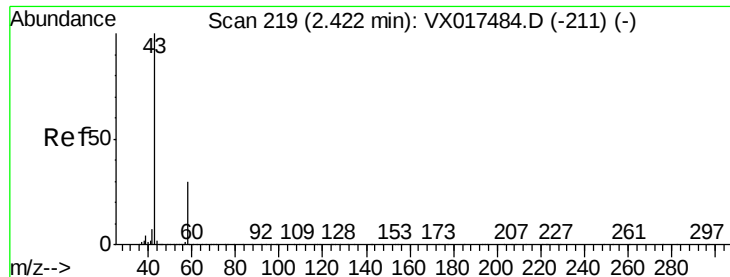


#13

Acrolein
 Concen: 5.234 ug/l
 RT: 2.28 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

Tgt Ion: 56 Resp: 1025
 Ion Ratio Lower Upper
 56 100
 55 61.5 57.4 86.2





#16

Acetone

Concen: 14.306 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

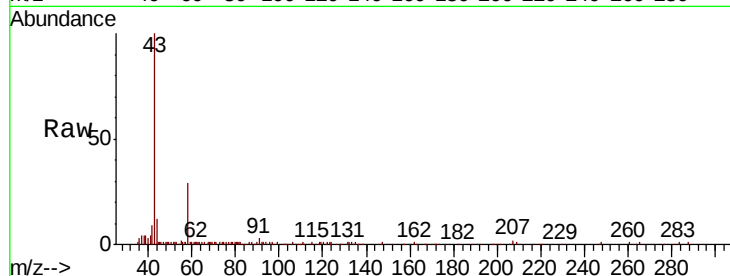
BP-VPB179-GW-98-100

Tot Ion: 43 Resp: 36354

Ion Ratio Lower Upper

43 100

58 27.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

25000

20000

15000

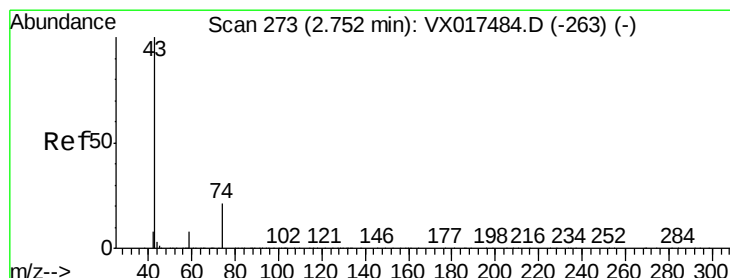
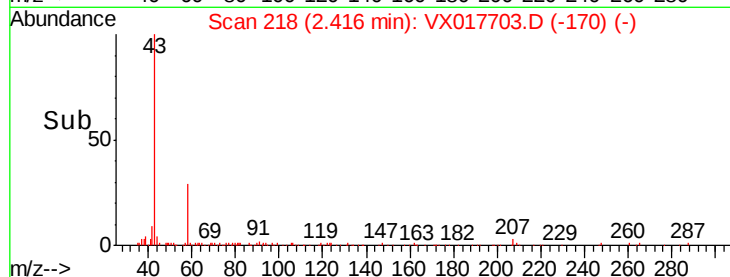
10000

5000

0

Time-->

2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 0.331 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX017703.D

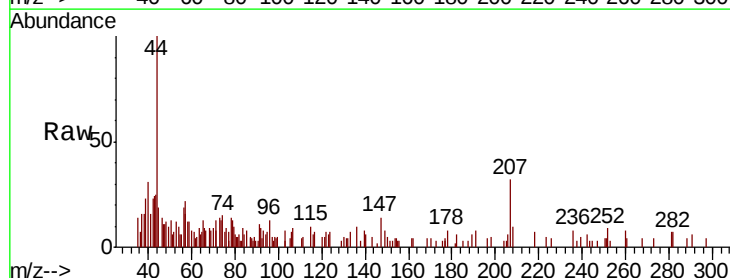
Acq: 31 Jul 2020 15:52

Tgt Ion: 43 Resp: 1982

Ion Ratio Lower Upper

43 100

74 40.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1200

1000

800

600

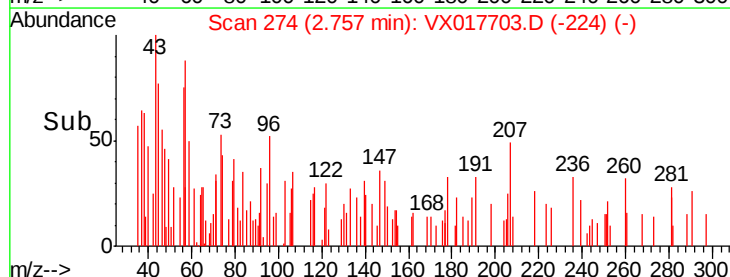
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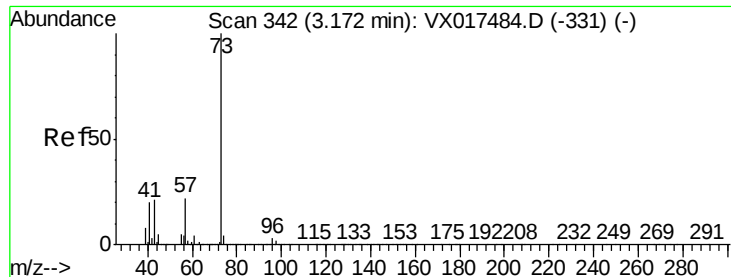
200

0

Time-->

2.70 2.75 2.80

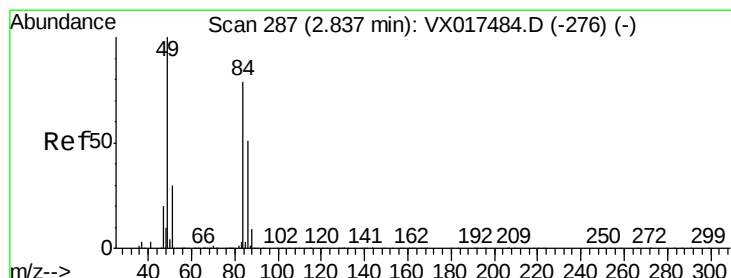
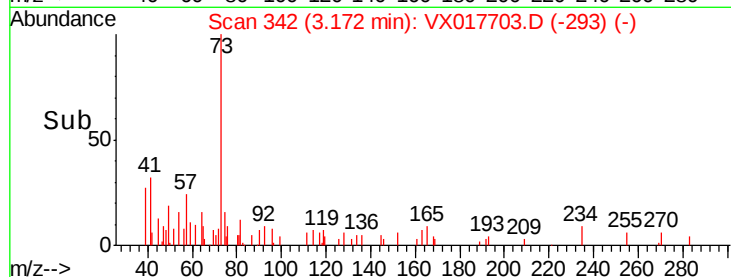
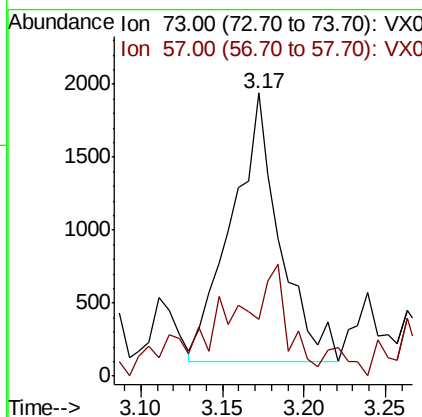
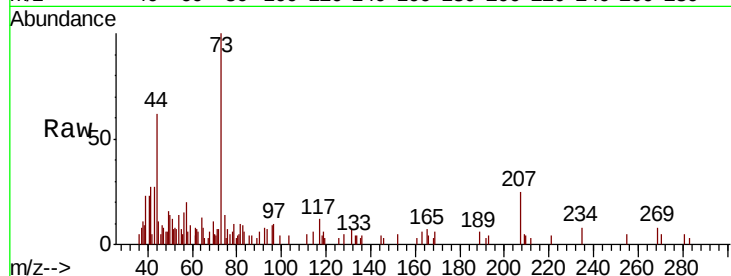




#19
Methyl tert-butyl Ether
Concen: 0.236 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

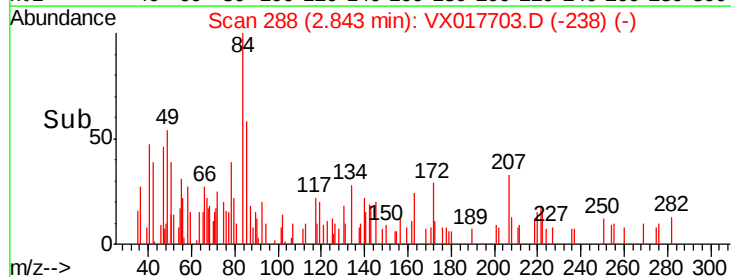
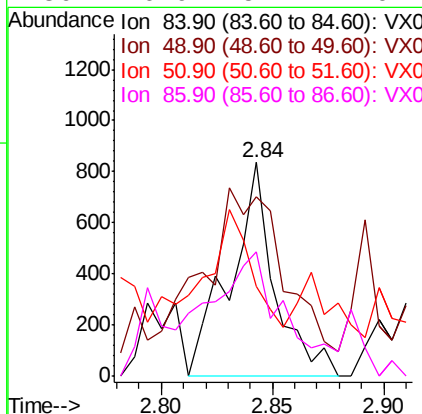
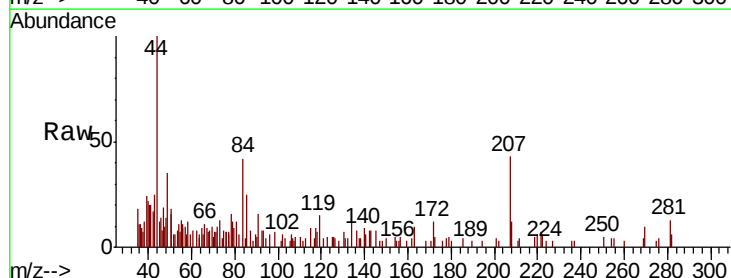
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

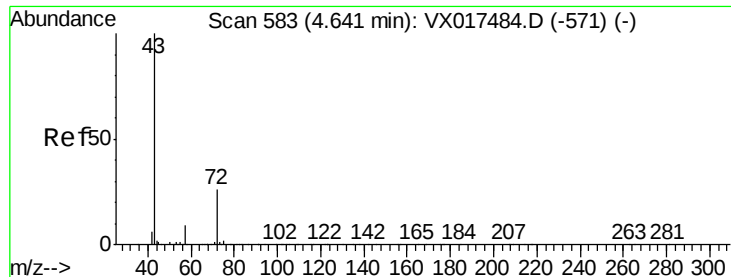
Tot Ion: 73 Resp: 3792
Ion Ratio Lower Upper
73 100
57 12.7 17.0 25.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion: 84 Resp: 1158
Ion Ratio Lower Upper
84 100
49 72.8 100.3 150.5#
51 7.7 30.5 45.7#
86 46.9 51.1 76.7#





#25

2-Butanone

Concen: 3.418 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

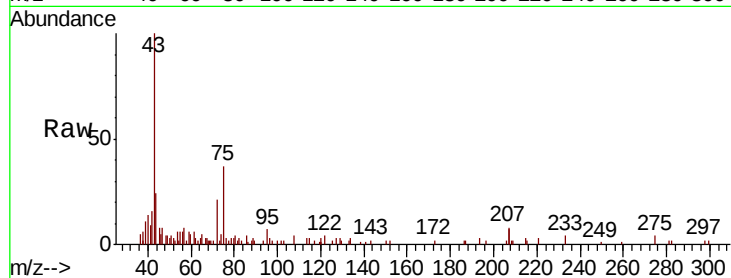
BP-VPB179-GW-98-100

Tot Ion: 43 Resp: 12338

Ion Ratio Lower Upper

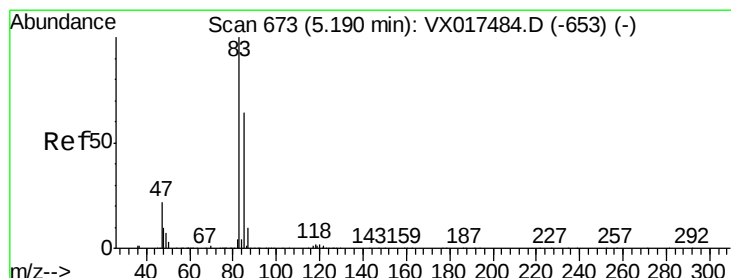
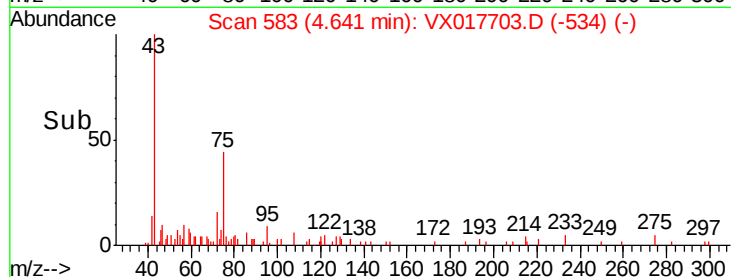
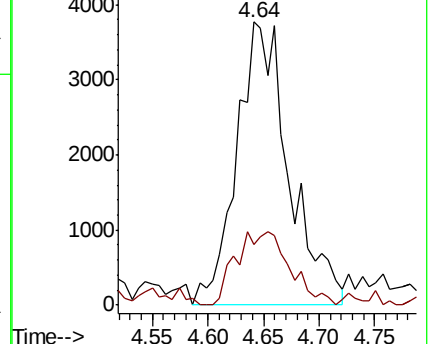
43 100

72 19.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.879 ug/l

RT: 5.19 min Scan# 673

Delta R.T. -0.00 min

Lab File: VX017703.D

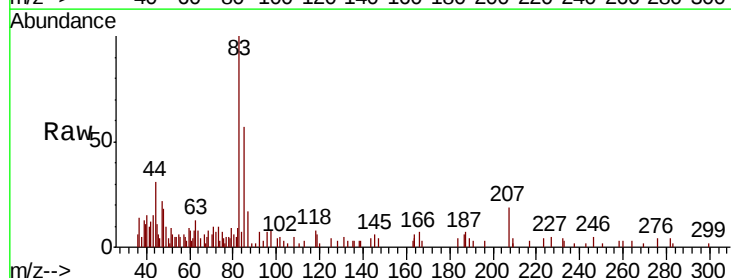
Acq: 31 Jul 2020 15:52

Tgt Ion: 83 Resp: 8015

Ion Ratio Lower Upper

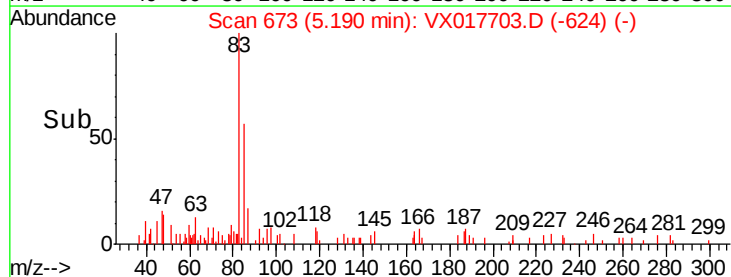
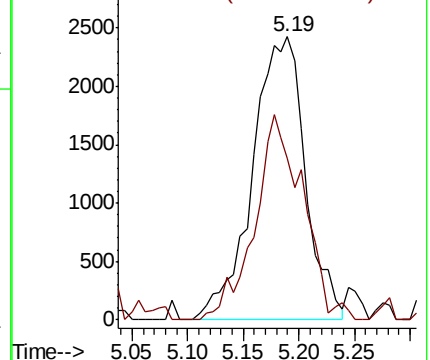
83 100

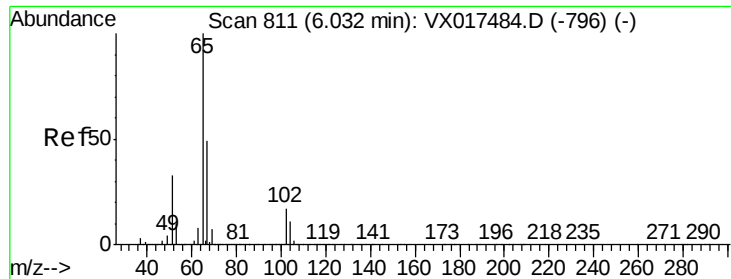
85 57.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.437 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

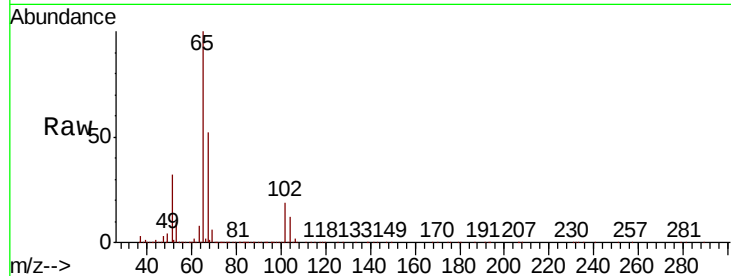
BP-VPB179-GW-98-100

Tot Ion: 65 Resp: 331611

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

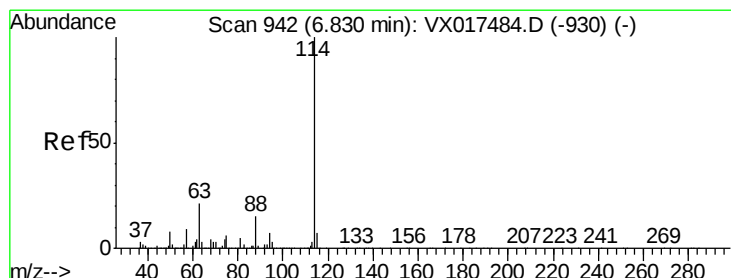
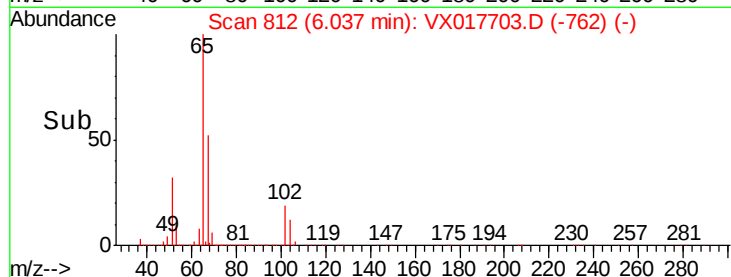
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

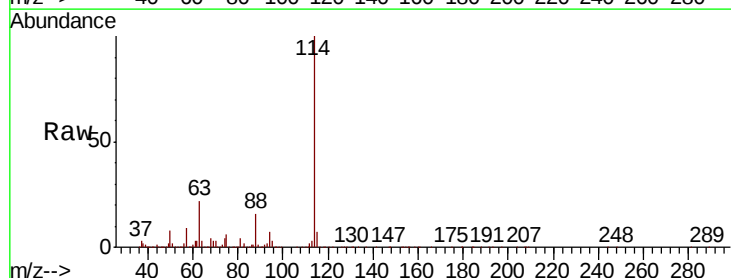
Tgt Ion: 114 Resp: 778892

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

88 16.2 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

6.84

400000

300000

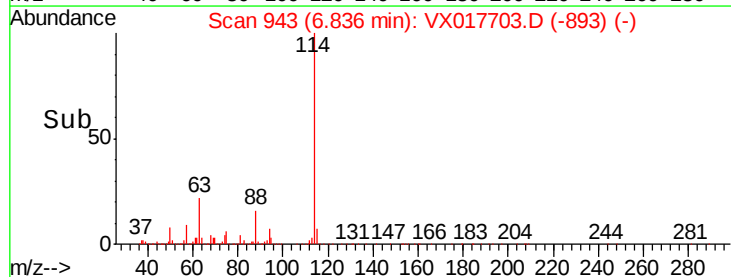
200000

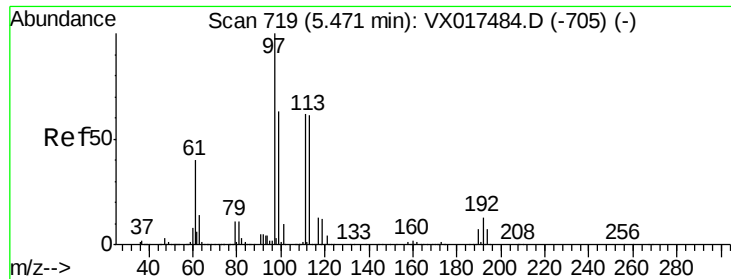
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

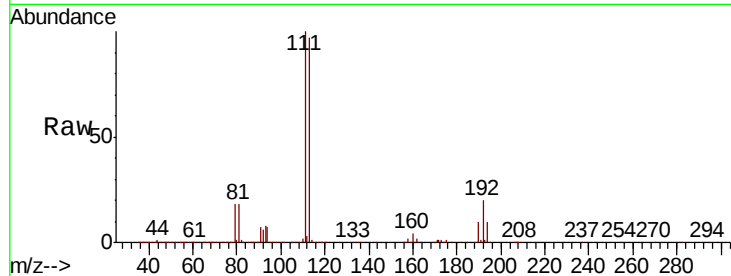
Tot Ion:113 Resp: 264300

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

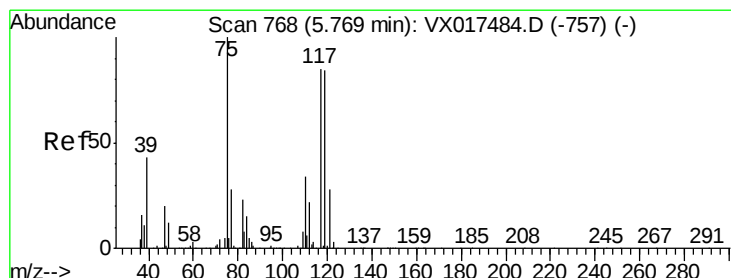
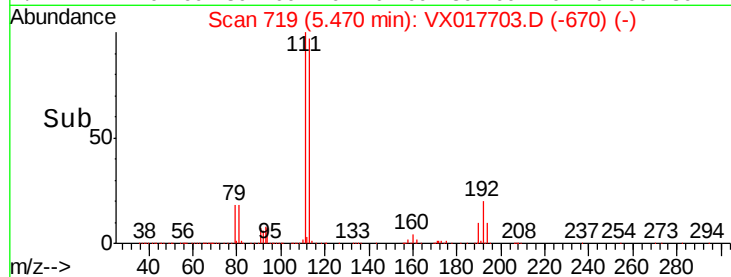
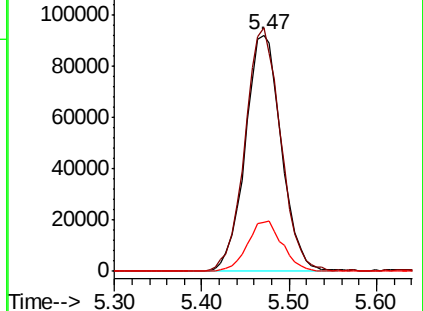
192 20.9 16.9 25.3



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: 4.339 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

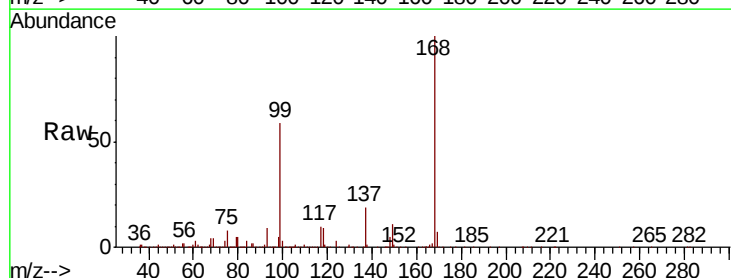
Tgt Ion: 75 Resp: 32411

Ion Ratio Lower Upper

75 100

110 12.2 18.1 54.3#

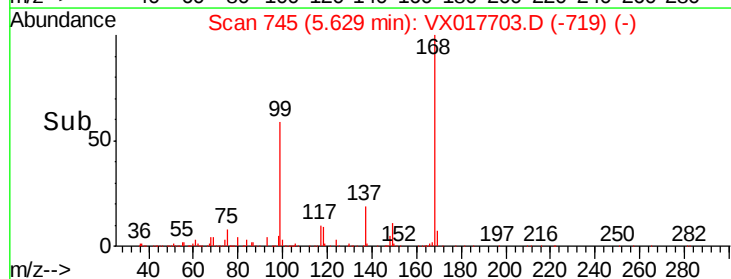
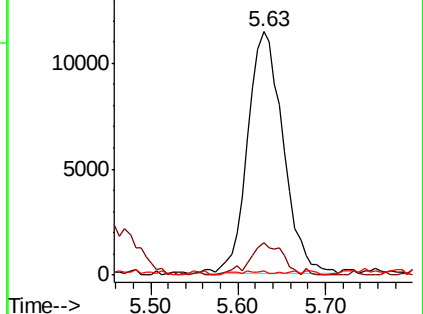
77 0.7 24.6 37.0#

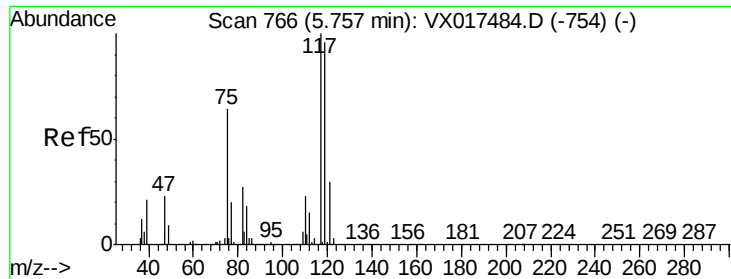


Abundance Ion 74.90 (74.60 to 75.60): VX0

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: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

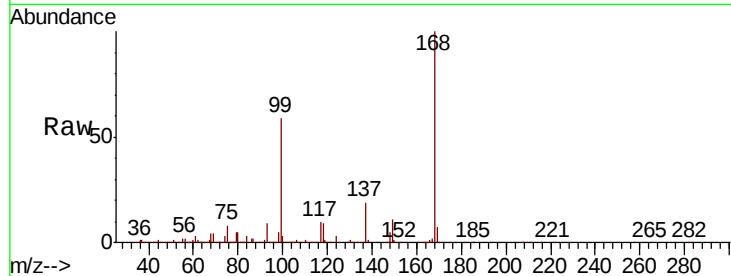
Tot Ion:117 Resp: 45365

Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.0#

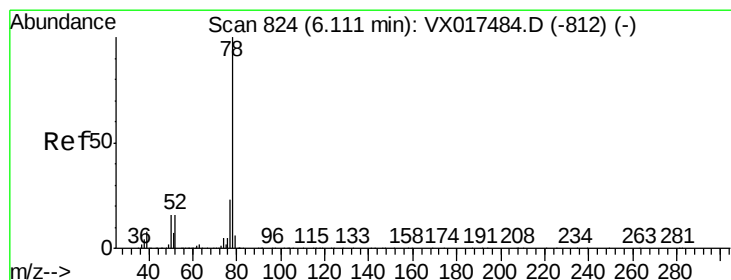
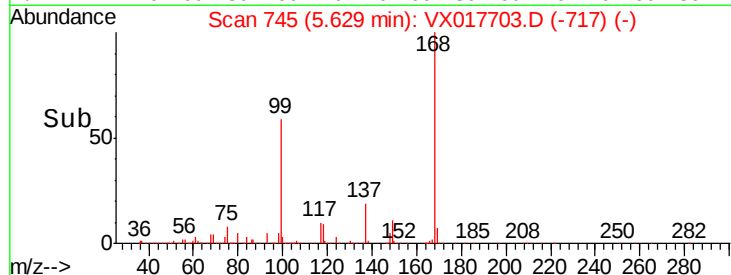
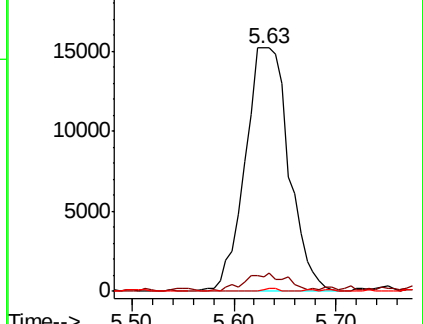
121 0.8 24.3 36.5#



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



#40

Benzene

Concen: 0.778 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017703.D

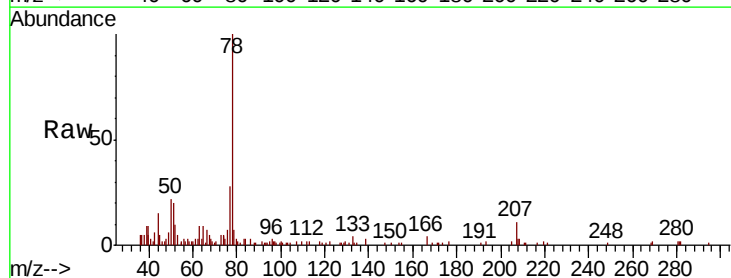
Acq: 31 Jul 2020 15:52

Tgt Ion: 78 Resp: 16673

Ion Ratio Lower Upper

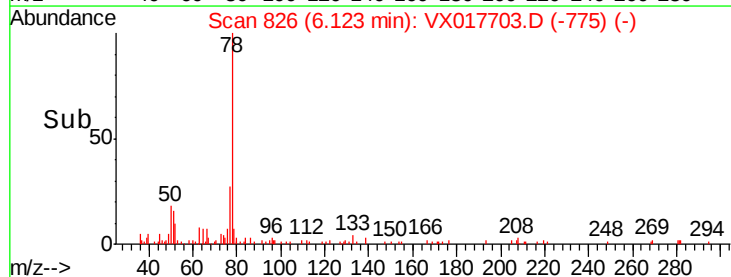
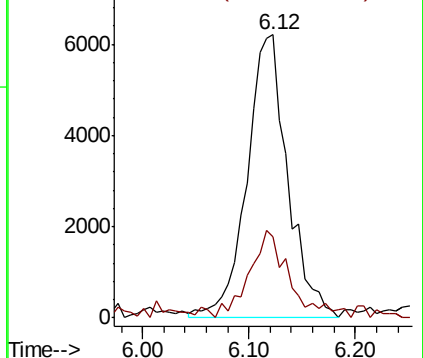
78 100

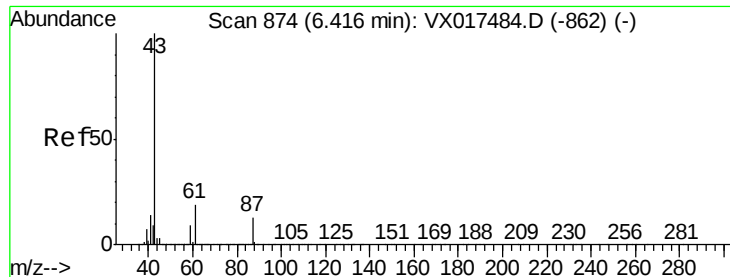
77 26.4 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

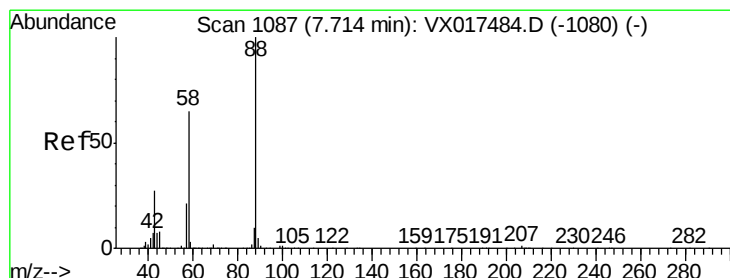
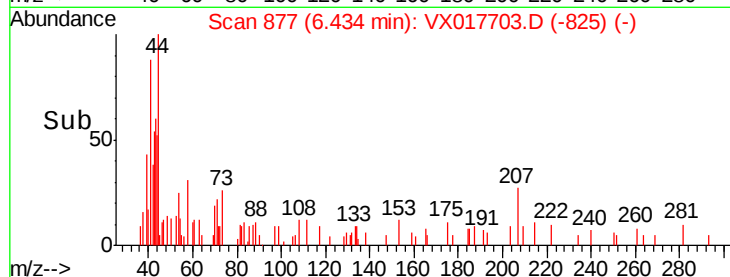
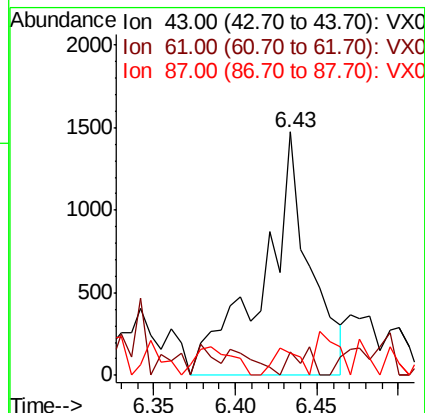
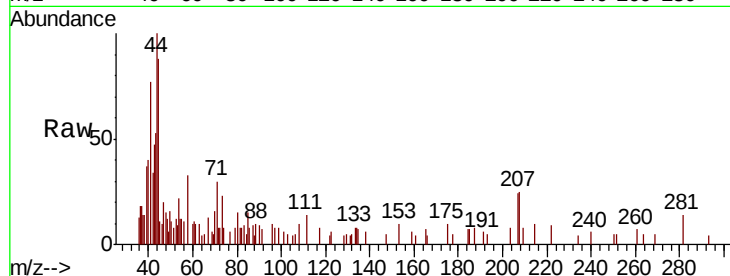
Tot Ion: 43 Resp: 2910

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 5.9 10.5 15.7#



#49

1,4-Dioxane

Concen: 4.884 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.02 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

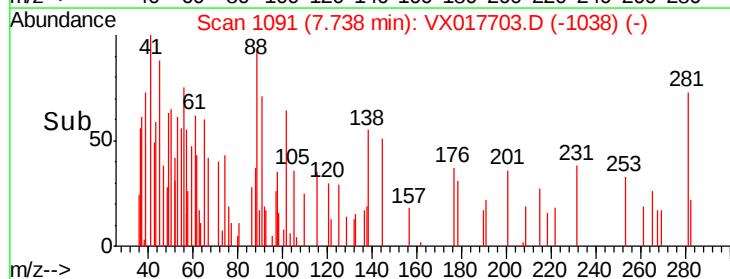
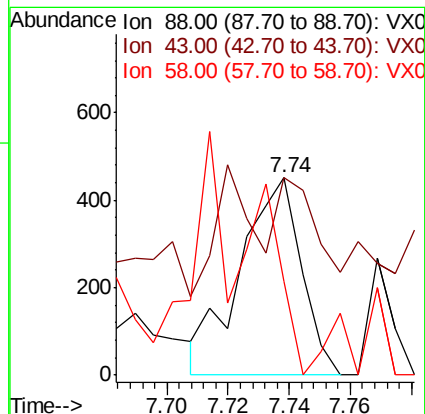
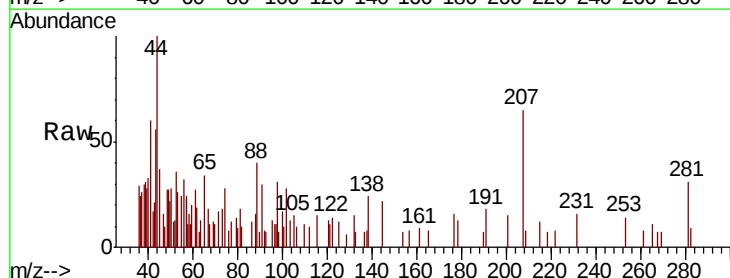
Tgt Ion: 88 Resp: 626

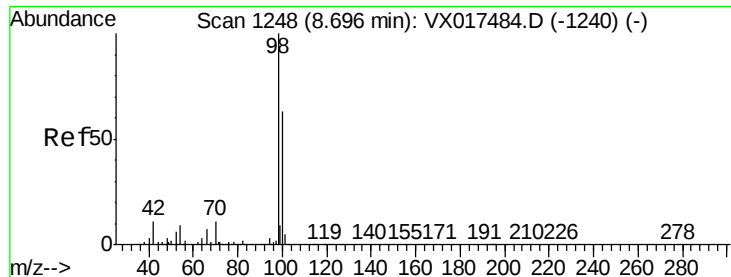
Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

58 0.0 58.3 87.5#





#50

Toluene-d8

Concen: 48.457 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

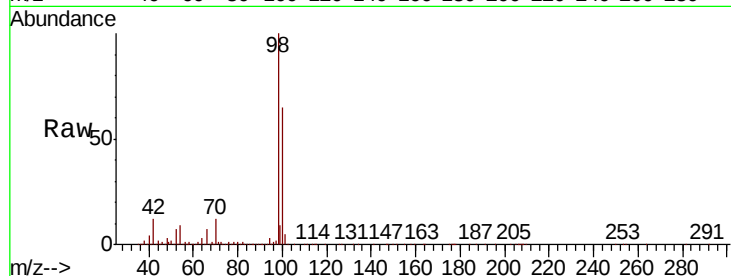
BP-VPB179-GW-98-100

Tot Ion: 98 Resp: 910614

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

600000

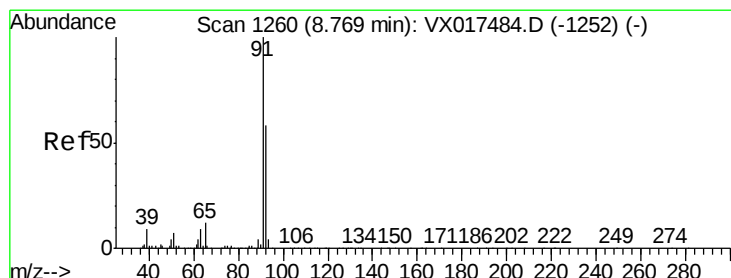
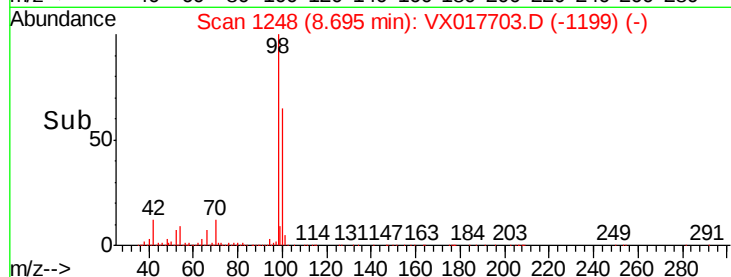
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 11.935 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017703.D

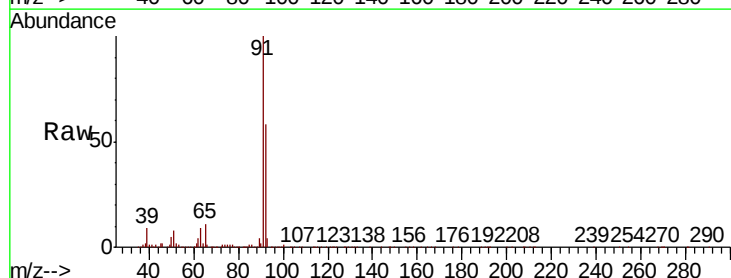
Acq: 31 Jul 2020 15:52

Tgt Ion: 92 Resp: 163933

Ion Ratio Lower Upper

92 100

91 168.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

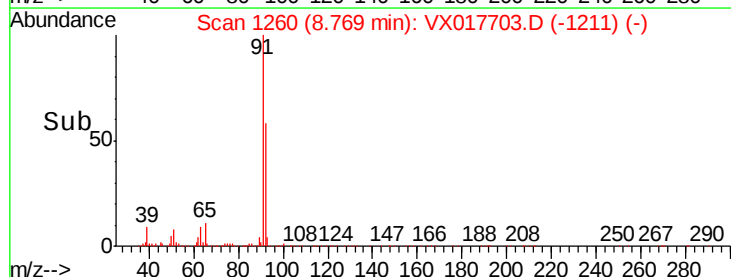
100000

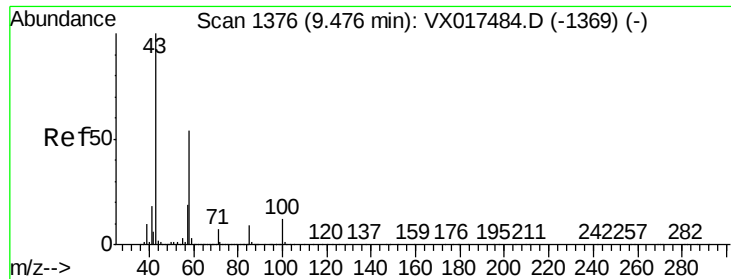
50000

0

8.70 8.75 8.80 8.85

Time-->

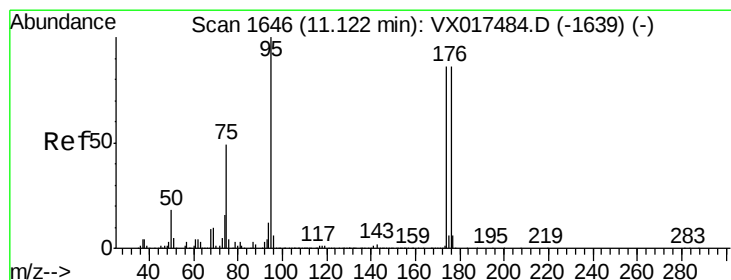
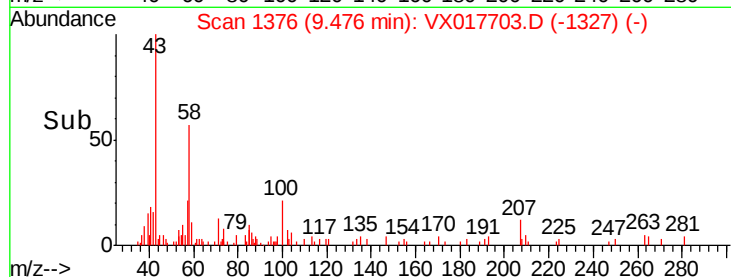
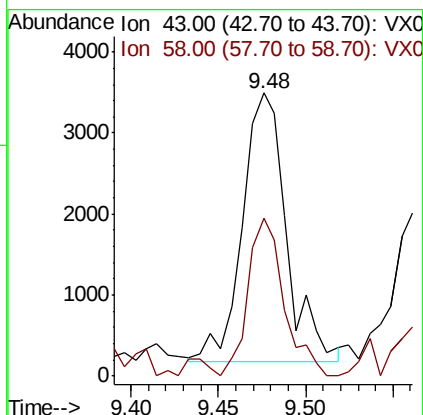
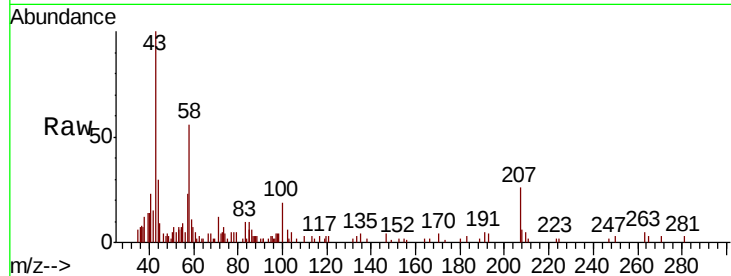




#59
2-Hexanone
Concen: 0.959 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

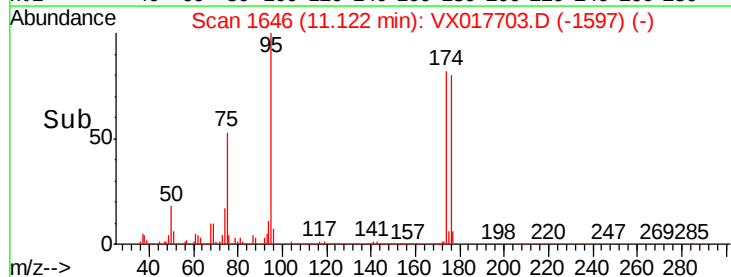
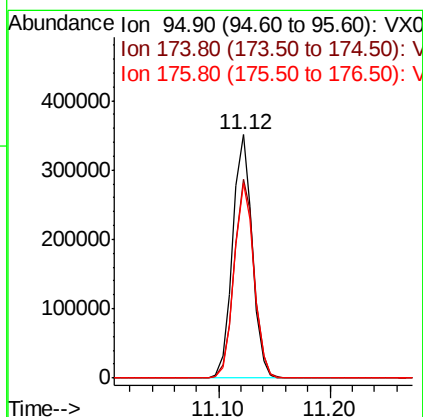
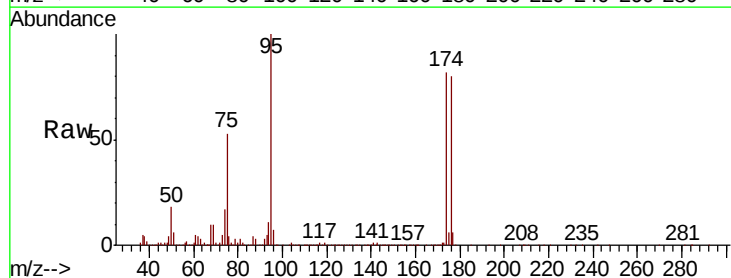
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

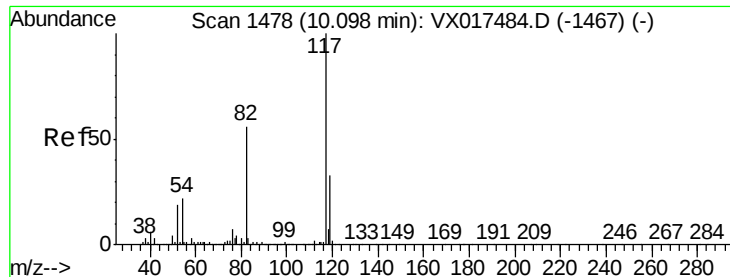
Tot Ion: 43 Resp: 5810
Ion Ratio Lower Upper
43 100
58 48.0 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 56.654 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion: 95 Resp: 426082
Ion Ratio Lower Upper
95 100
174 83.7 0.0 169.0
176 81.4 0.0 161.0

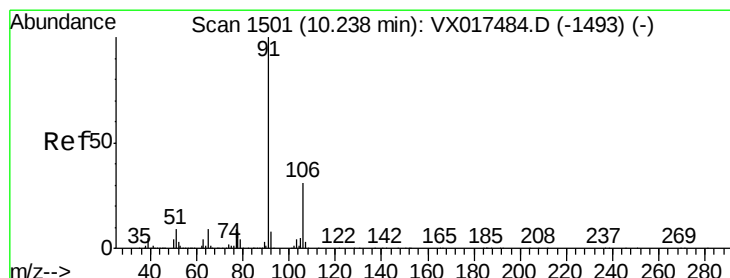
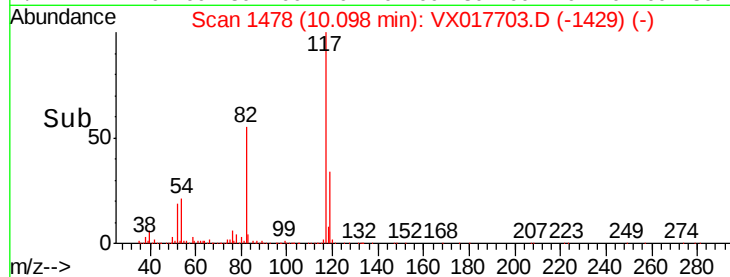
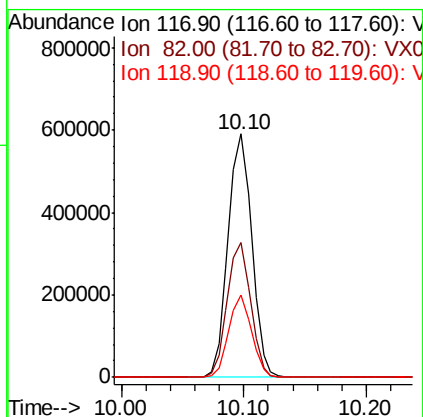
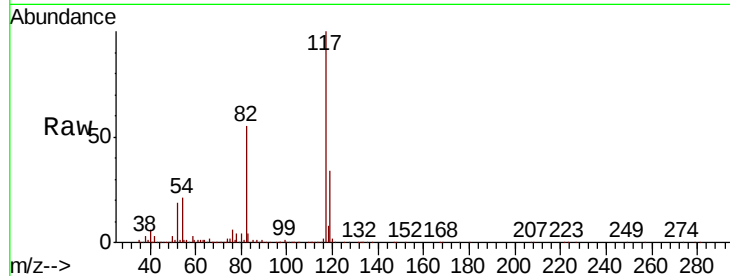




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

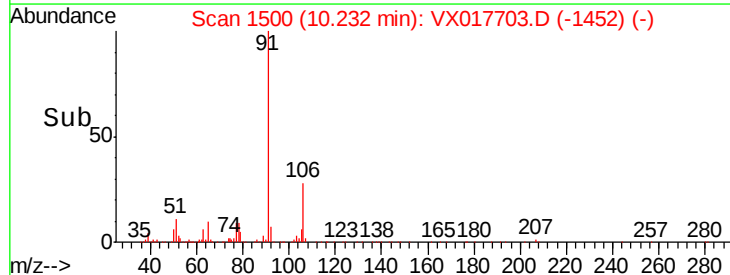
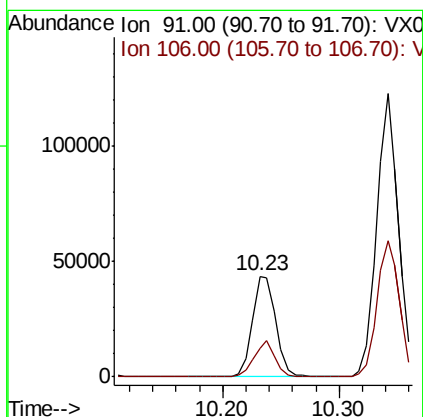
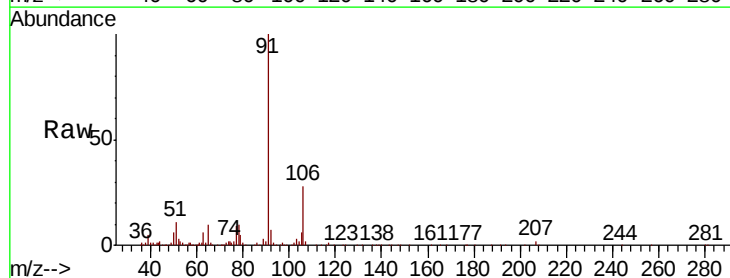
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

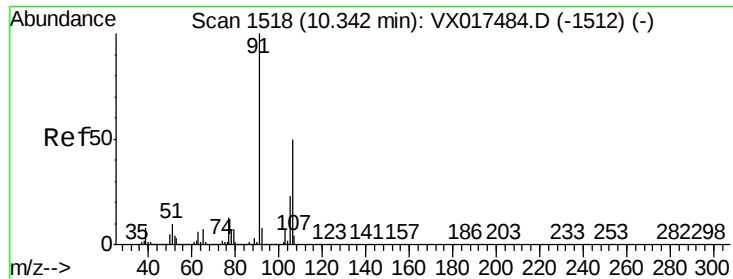
Tot Ion:117 Resp: 794302
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 34.0 25.4 38.0



#67
Ethyl Benzene
Concen: 2.121 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion: 91 Resp: 60858
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.6





#68

m/p-Xylenes

Concen: 7.113 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

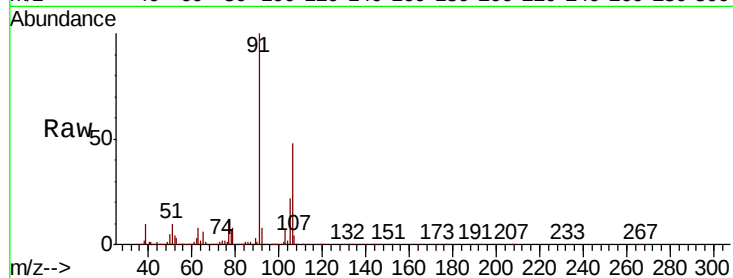
BP-VPB179-GW-98-100

Tot Ion:106 Resp: 79088

Ion Ratio Lower Upper

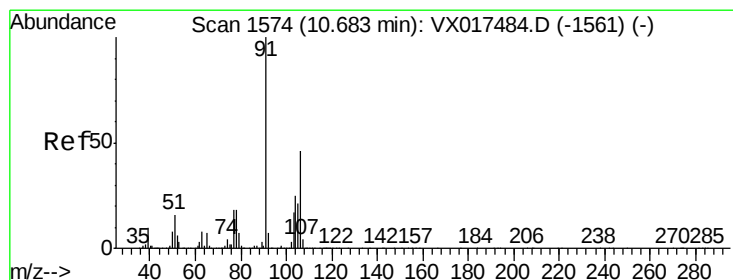
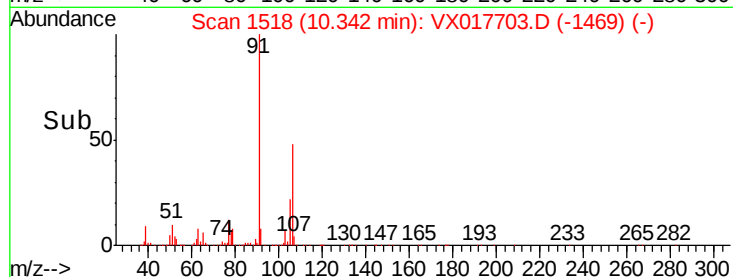
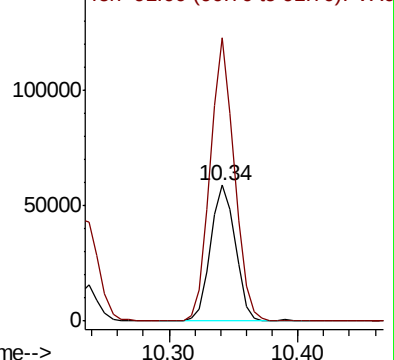
106 100

91 201.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 4.284 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017703.D

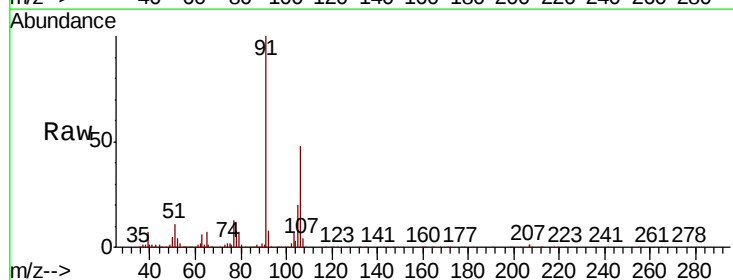
Acq: 31 Jul 2020 15:52

Tgt Ion:106 Resp: 45814

Ion Ratio Lower Upper

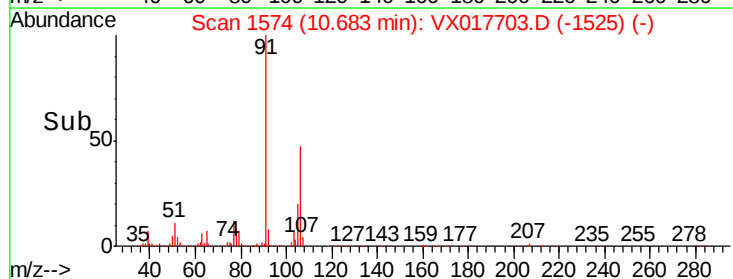
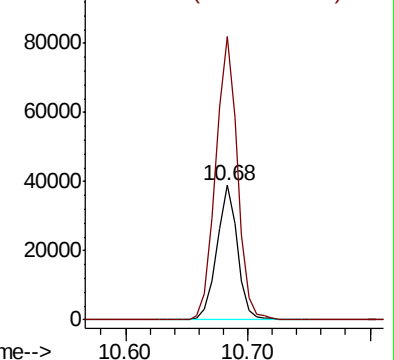
106 100

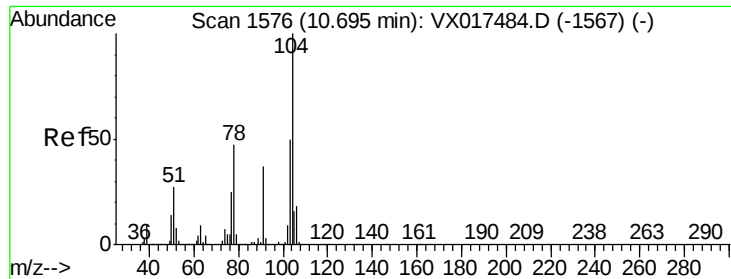
91 219.9 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

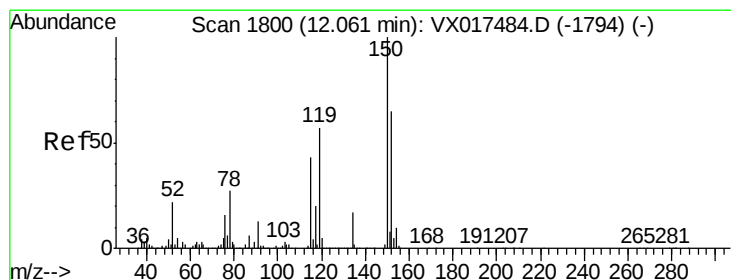
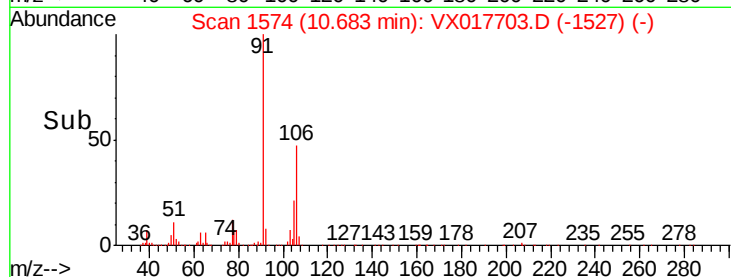
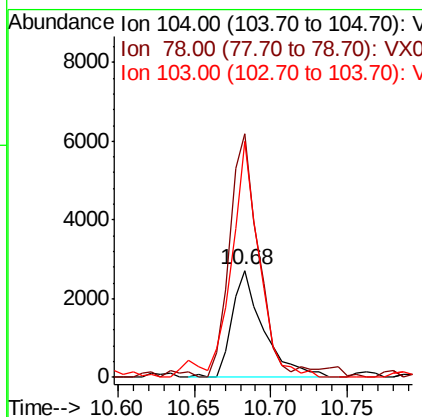
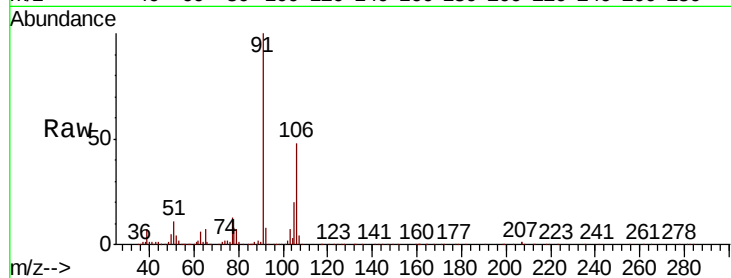




#70
Stvrene
Concen: 0.211 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

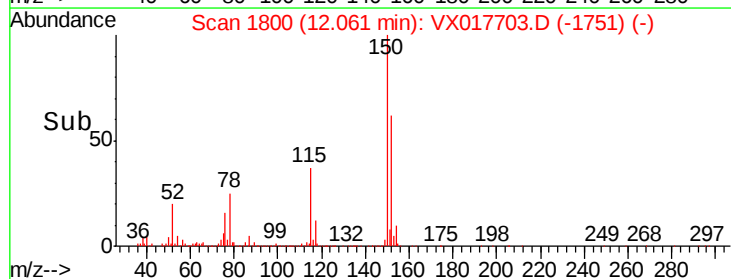
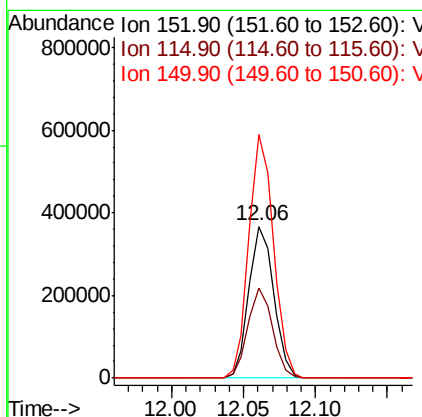
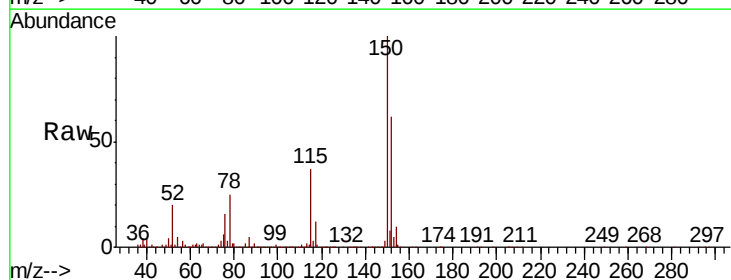
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

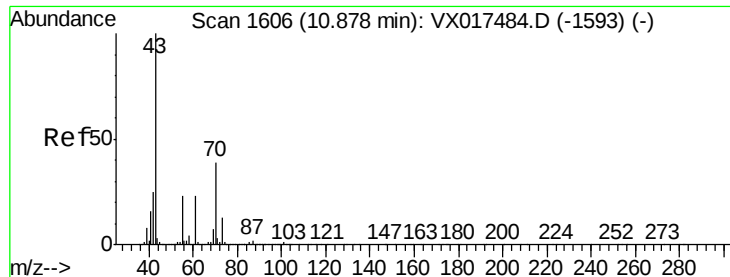
Tot Ion	Ratio	Lower	Upper
104	100		
78	208.3	42.5	63.7#
103	202.0	44.3	66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	65.5	196.6#
150	159.2	0.0	412.6





#74

N-amvl acetate

Concen: 0.210 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

Tot Ion: 43 Resp: 2810

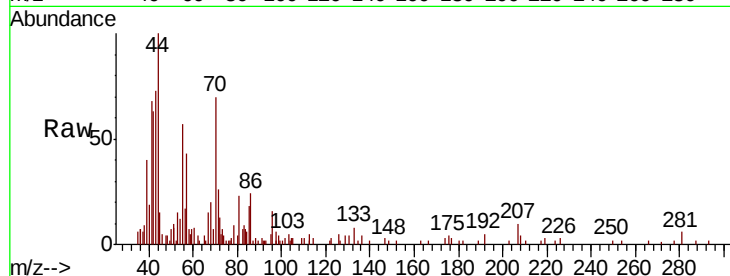
Ion Ratio Lower Upper

43 100

70 141.0 32.3 48.5#

55 130.2 18.4 27.6#

61 0.0 18.6 28.0#

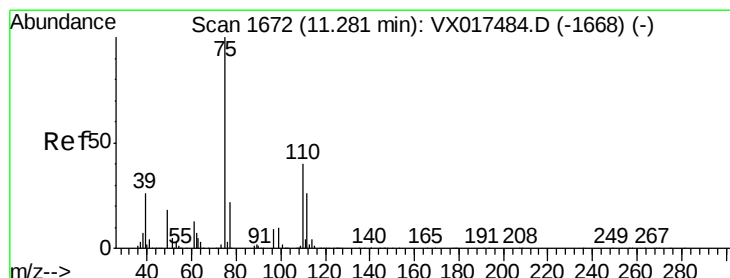
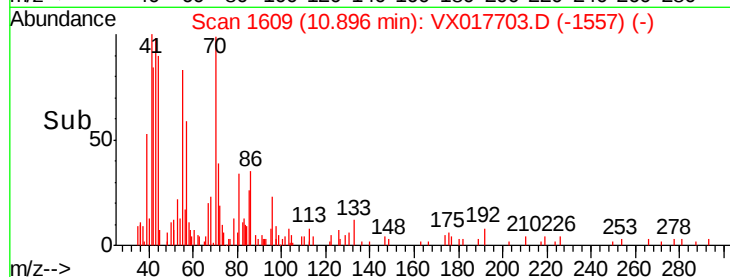
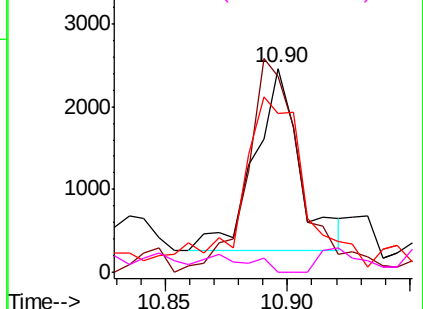


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.540 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017703.D

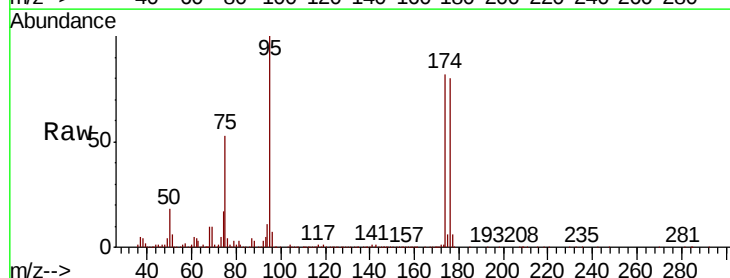
Acq: 31 Jul 2020 15:52

Tgt Ion: 75 Resp: 221295

Ion Ratio Lower Upper

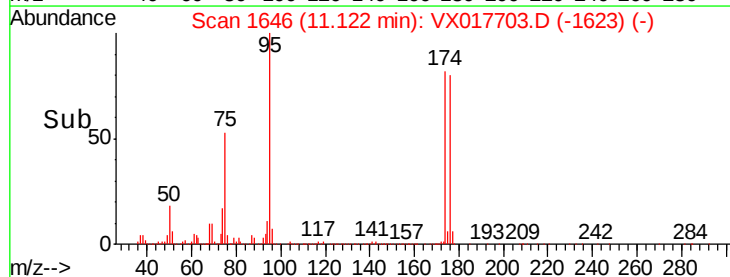
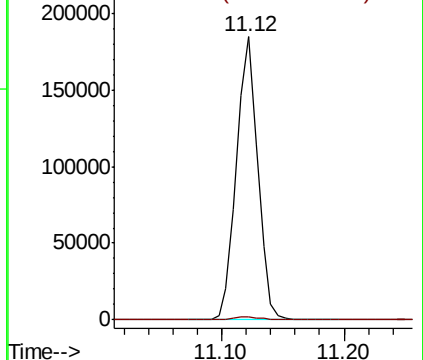
75 100

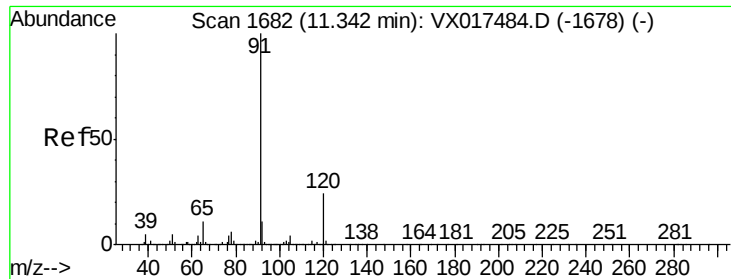
77 1.4 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.522 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

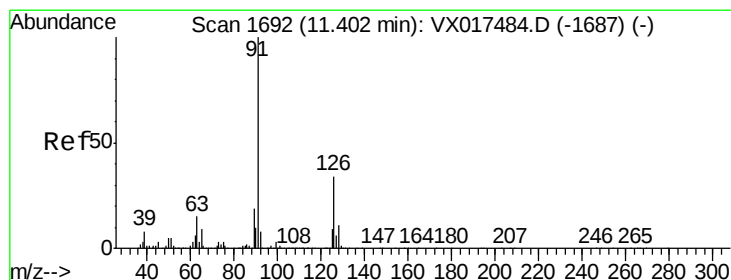
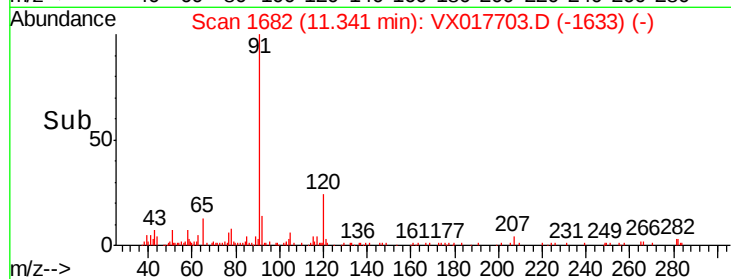
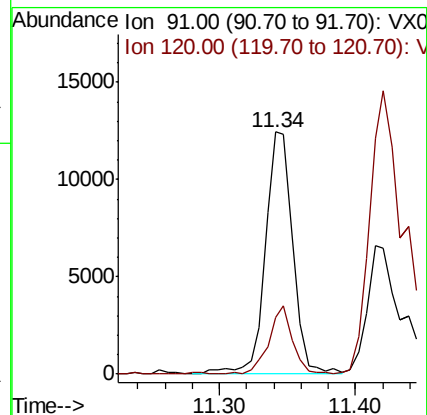
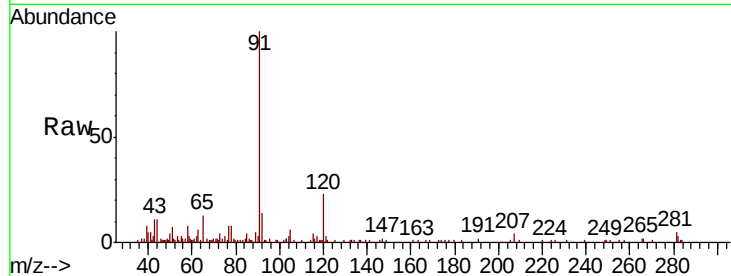
BP-VPB179-GW-98-100

Tot Ion: 91 Resp: 17691

Ion Ratio Lower Upper

91 100

120 24.4 12.2 36.4



#79

2-Chlorotoluene

Concen: 0.551 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX017703.D

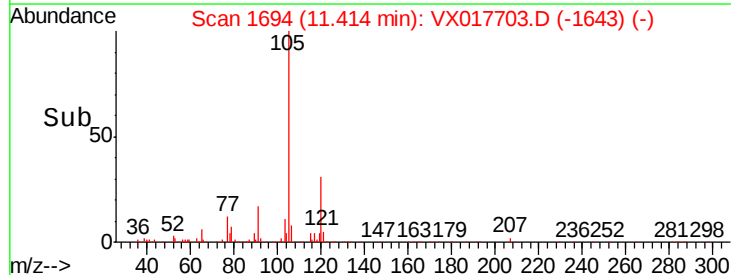
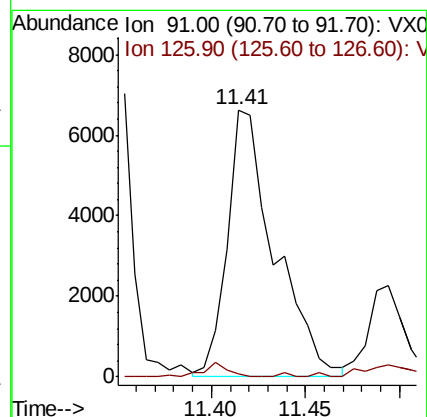
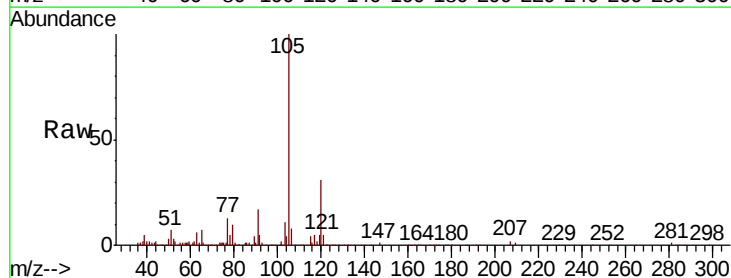
Acq: 31 Jul 2020 15:52

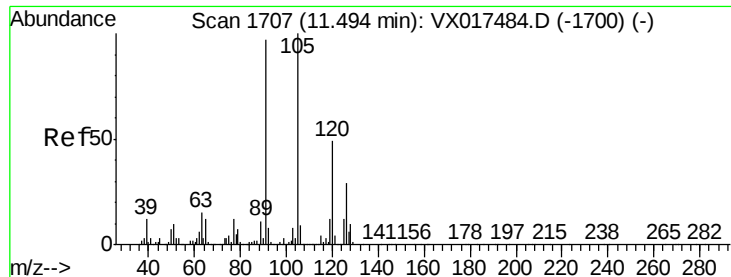
Tgt Ion: 91 Resp: 11579

Ion Ratio Lower Upper

91 100

126 2.8 17.5 52.5#

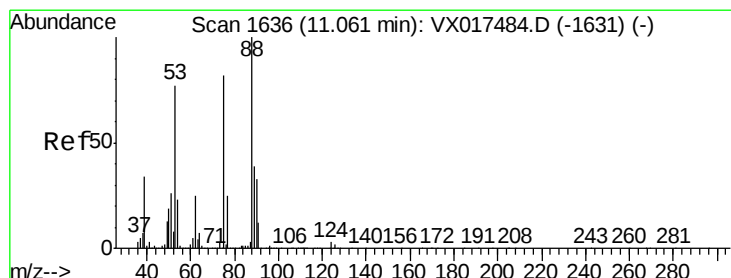
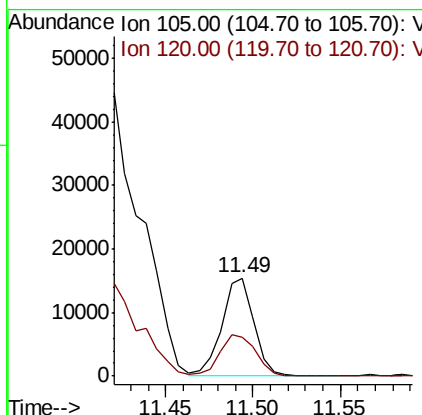
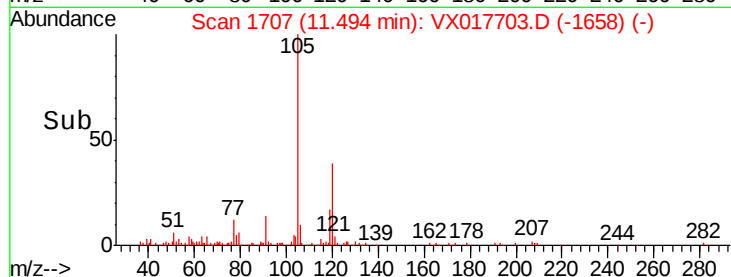
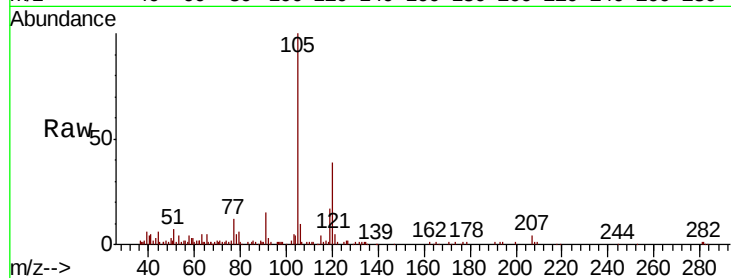




#80
 1,3,5-Trimethylbenzene
 Concen: 0.767 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

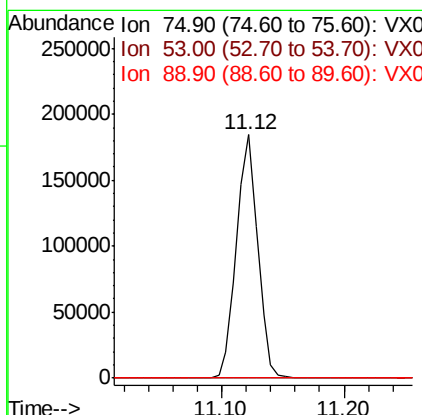
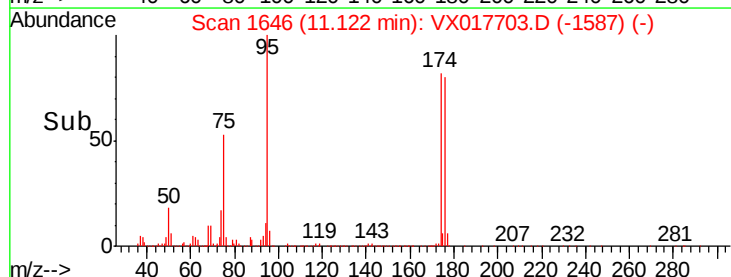
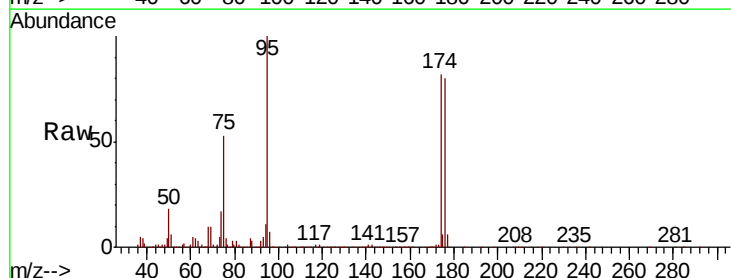
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-98-100

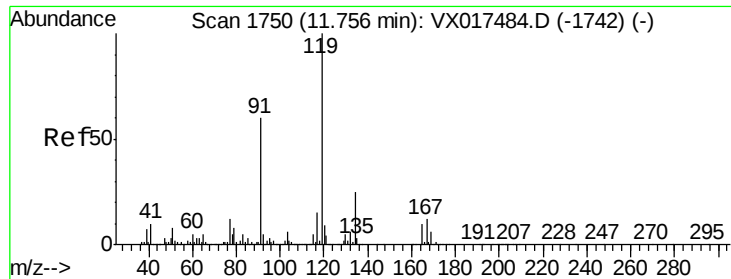
Tot Ion: 105 Resp: 19707
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.834 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

Tgt Ion: 75 Resp: 221295
 Ion Ratio Lower Upper
 75 100
 53 0.3 75.9 113.9#
 89 0.1 37.8 56.6#





#83

tert-Butylbenzene

Concen: 0.533 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

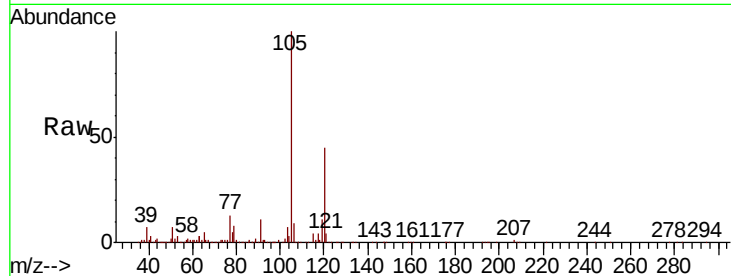
Tot Ion:119 Resp: 13105

Ion Ratio Lower Upper

119 100

91 97.8 29.3 88.0#

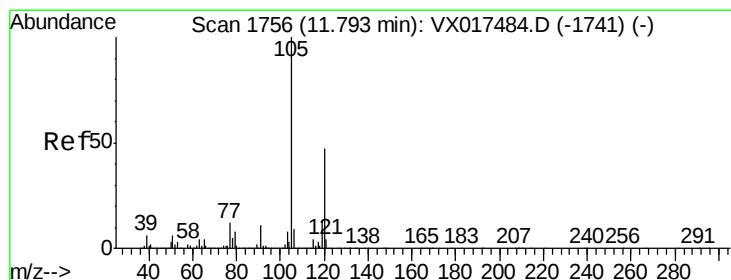
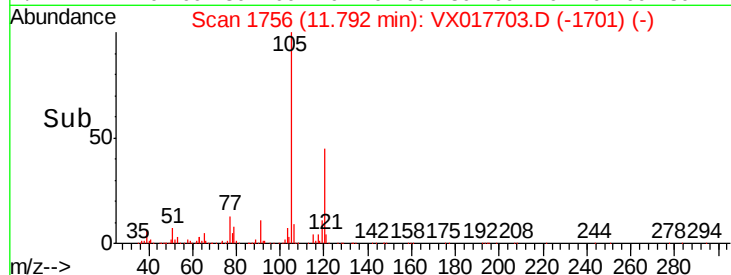
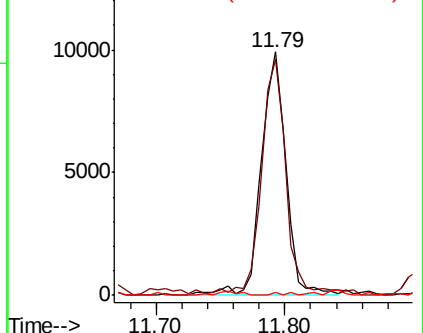
134 0.3 11.2 33.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.165 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017703.D

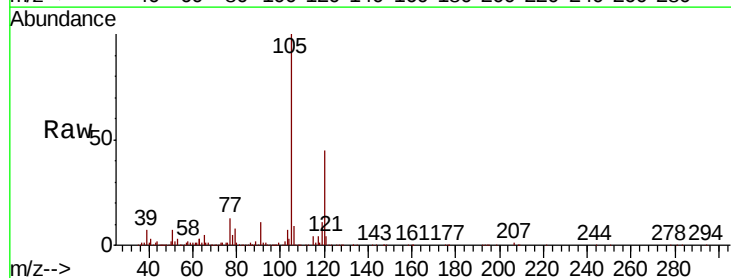
Acq: 31 Jul 2020 15:52

Tgt Ion:105 Resp: 106374

Ion Ratio Lower Upper

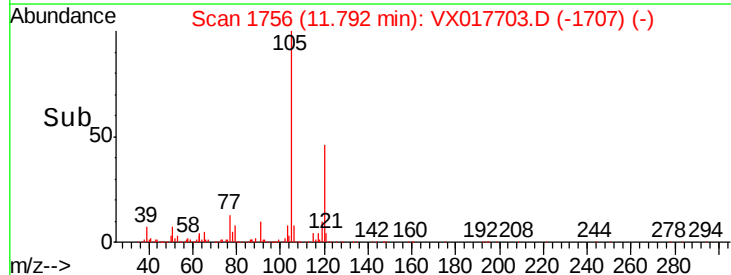
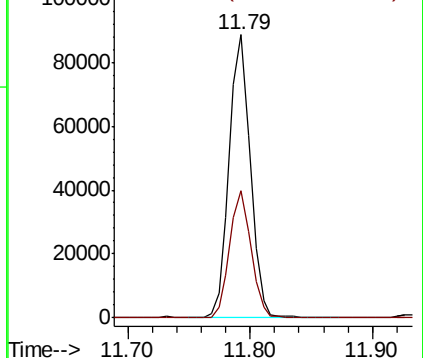
105 100

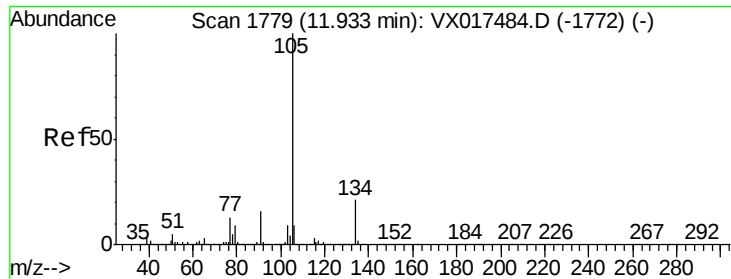
120 45.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

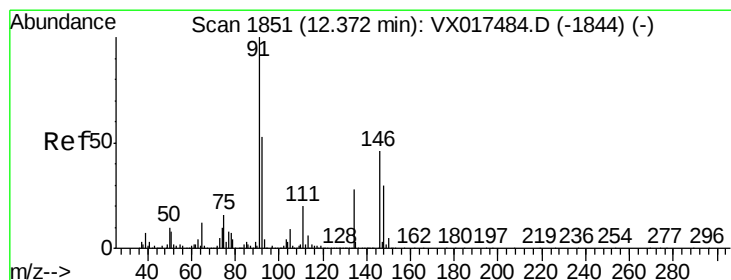
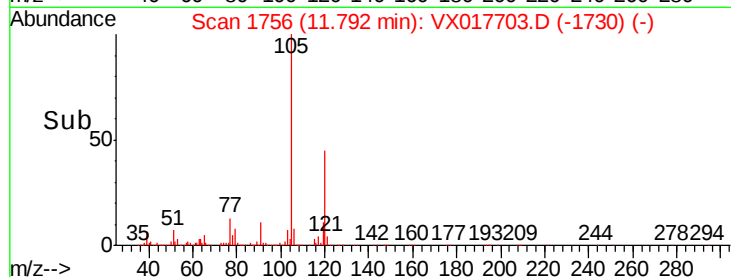
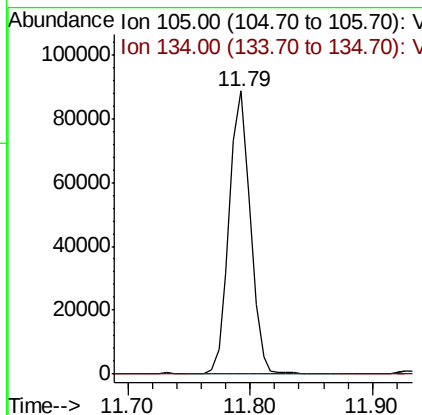
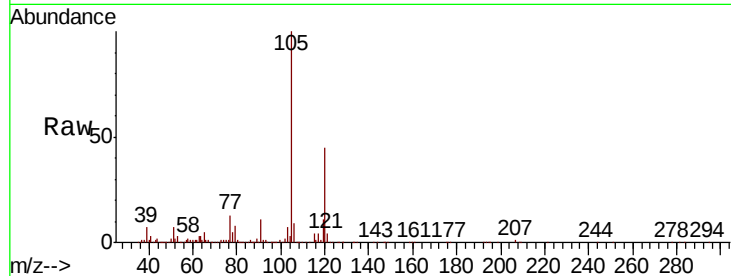




#85
 sec-Butylbenzene
 Concen: 3.717 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

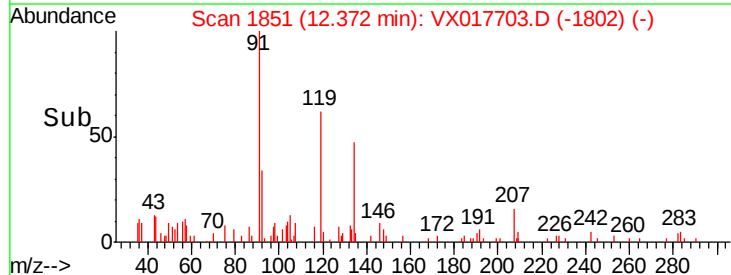
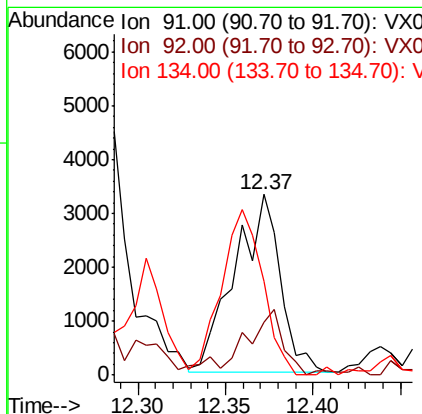
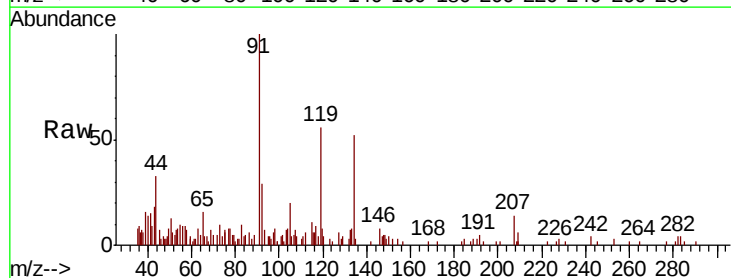
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-98-100

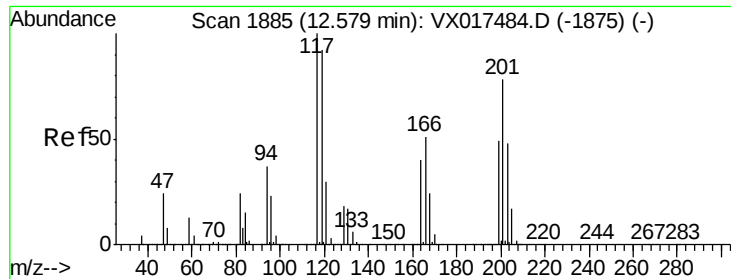
Tot Ion:105 Resp: 106374
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#89
 n-Butylbenzene
 Concen: 0.247 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017703.D
 Acq: 31 Jul 2020 15:52

Tgt Ion: 91 Resp: 6008
 Ion Ratio Lower Upper
 91 100
 92 33.0 26.7 80.1
 134 84.2 13.6 40.7#





#90

Hexachloroethane

Concen: 0.420 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

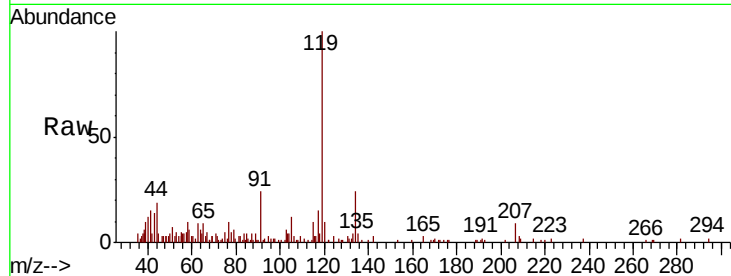
BP-VPB179-GW-98-100

Tot Ion:117 Resp: 2258

Ion Ratio Lower Upper

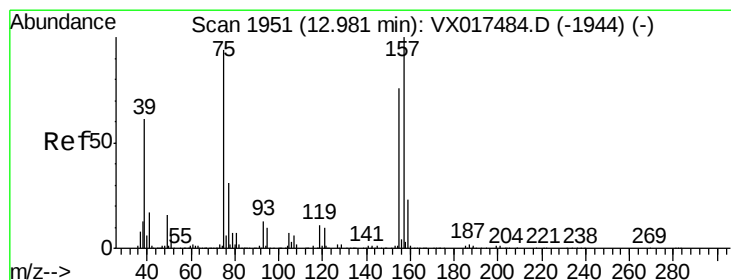
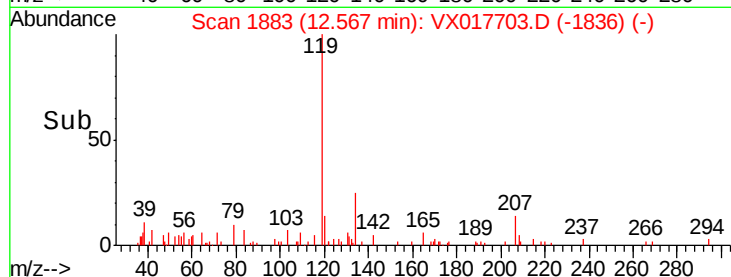
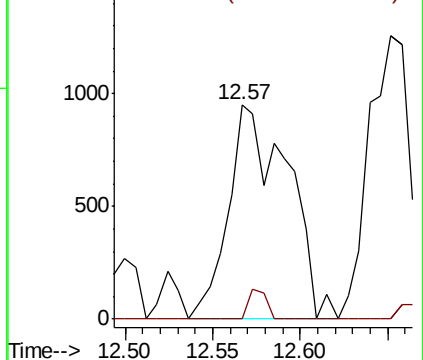
117 100

201 4.0 42.2 126.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.755 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

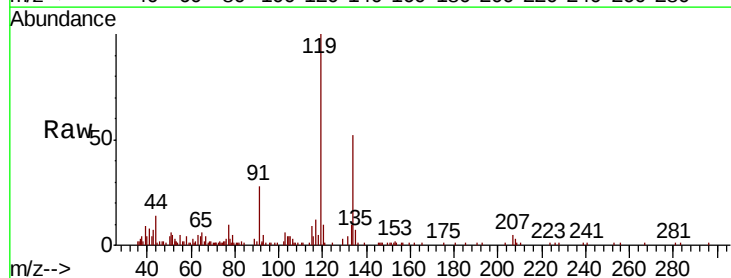
Tgt Ion: 75 Resp: 500

Ion Ratio Lower Upper

75 100

155 14.2 42.3 126.8#

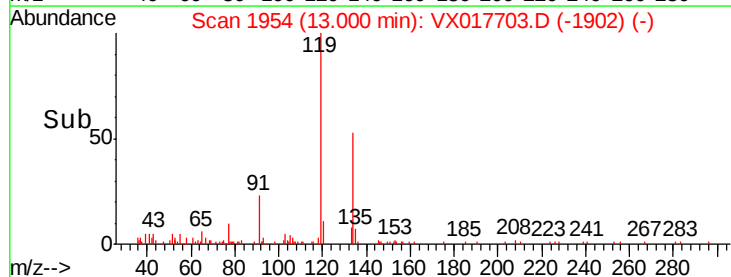
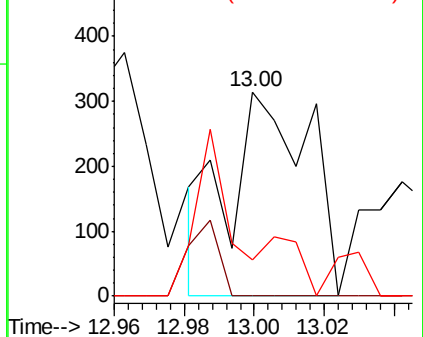
157 47.2 54.3 162.9#

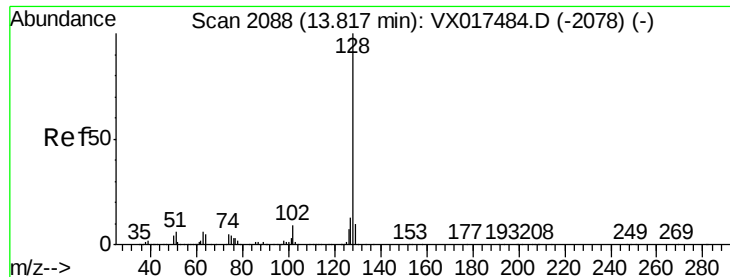


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.463 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

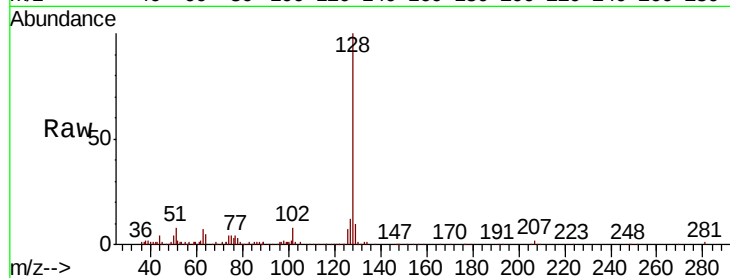
Tot Ion:128 Resp: 42359

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 11.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

