

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
 Data File : VX017982.D
 Acq On : 19 Aug 2020 14:10
 Operator : JC/SP
 Sample : L3718-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

Quant Time: Aug 19 15:27:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	476590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	712612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	667923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313234	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	313947	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	5.47	113	248594	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.70	98	859755	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	11.12	95	313134	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	629	1.075	ug/l #	38
3) Chloromethane	1.31	50	2340	0.359	ug/l #	81
4) Vinyl Chloride	1.39	62	723	2.362	ug/l #	61
5) Bromomethane	1.65	94	1391	0.381	ug/l #	52
11) Tert butyl alcohol	3.03	59	511	0.379	ug/l #	1
12) 1,1-Dichloroethene	2.36	96	3441	0.801	ug/l #	63
13) Acrolein	2.25	56	373	0.523	ug/l	89
15) Acrylonitrile	3.12	53	941	0.319	ug/l #	92
16) Acetone	2.42	43	23148	8.422	ug/l	93
17) Carbon Disulfide	2.56	76	3929	0.377	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	6617	0.403	ug/l	93
20) Methylene Chloride	2.84	84	2527	0.499	ug/l #	73
21) trans-1,2-Dichloroethene	3.13	96	1075	0.243	ug/l #	23
24) 1,1-Dichloroethane	3.67	63	9682	1.087	ug/l #	81
25) 2-Butanone	4.64	43	6230	1.497	ug/l	91
27) cis-1,2-Dichloroethene	4.56	96	22502	4.319	ug/l	86
32) 1,1,1-Trichloroethane	5.46	97	3872	0.439	ug/l #	36
38) Carbon Tetrachloride	5.64	117	47966	6.214	ug/l #	15
39) Methylcyclohexane	7.43	83	402	0.865	ug/l #	65
40) Benzene	6.12	78	4332	0.241	ug/l	98
42) 1,2-Dichloroethane	6.18	62	1808	0.237	ug/l	96
44) Trichloroethene	7.19	130	10145	1.904	ug/l	81
49) 1,4-Dioxane	7.71	88	181	1.548	ug/l #	1
52) Toluene	8.76	92	12017	1.022	ug/l	97
64) Tetrachloroethene	9.32	164	3694	0.724	ug/l #	87
67) Ethyl Benzene	10.24	91	5238	0.240	ug/l #	84
68) m/p-Xylenes	10.34	106	6277	0.746	ug/l	88
69) o-Xylene	10.69	106	3004	0.370	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	152782	22.936	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	152782	60.254	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	8586	0.469	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	2266	0.223	ug/l	93
88) 1,4-Dichlorobenzene	12.01	146	2266	0.227	ug/l	94
89) n-Butylbenzene	12.37	91	3939	0.254	ug/l #	86

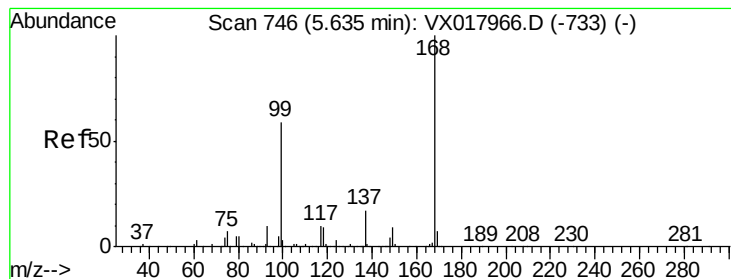
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2347	0.380	ug/l	86
94) Hexachlorobutadiene	13.77	225	1363	0.517	ug/l	68
95) Naphthalene	13.82	128	6492	0.333	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	2179	0.347	ug/l	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

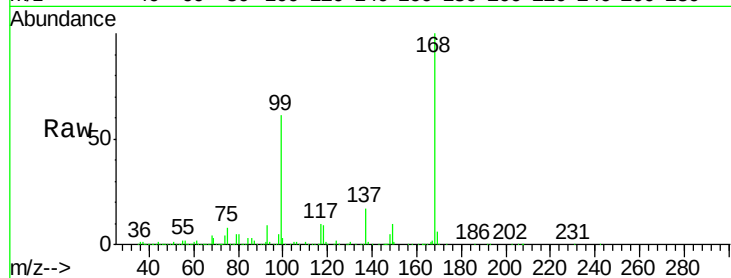
BP-VPB181-GW-258-260

Tgt Ion:168 Resp: 476590

Ion Ratio Lower Upper

168 100

99 61.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

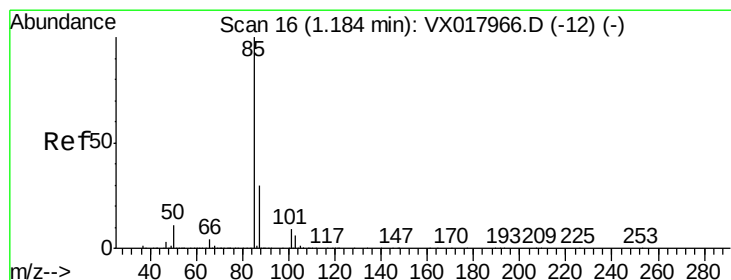
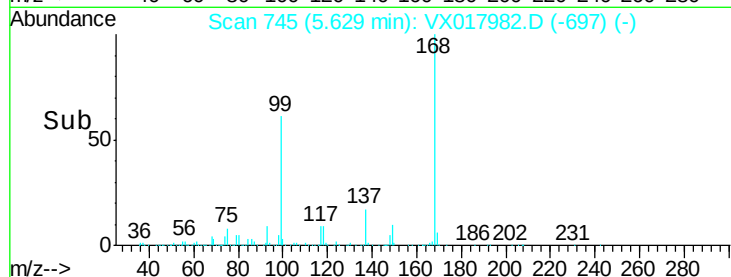
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 1.075 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017982.D

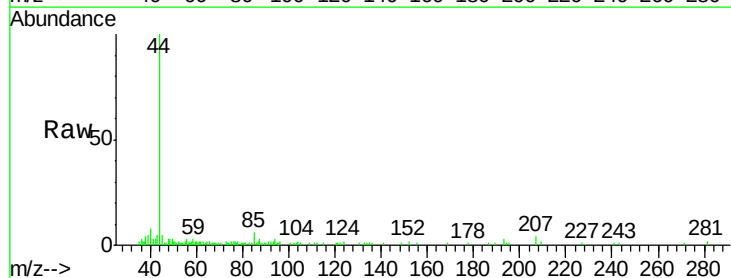
Acq: 19 Aug 2020 14:10

Tgt Ion: 85 Resp: 629

Ion Ratio Lower Upper

85 100

87 64.5 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500

400

300

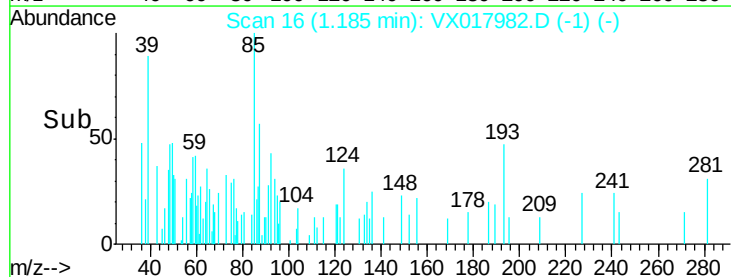
200

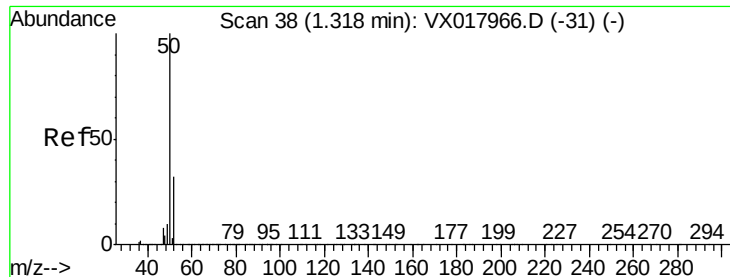
100

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.359 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

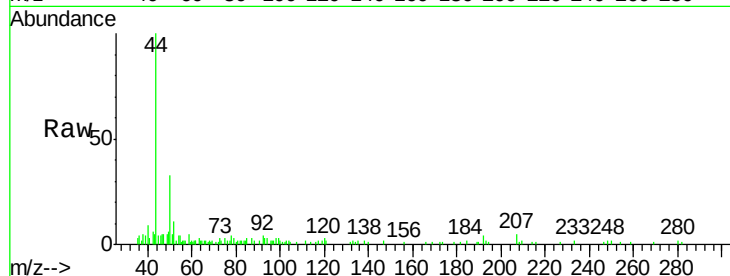
BP-VPB181-GW-258-260

Tgt Ion: 50 Resp: 2340

Ion Ratio Lower Upper

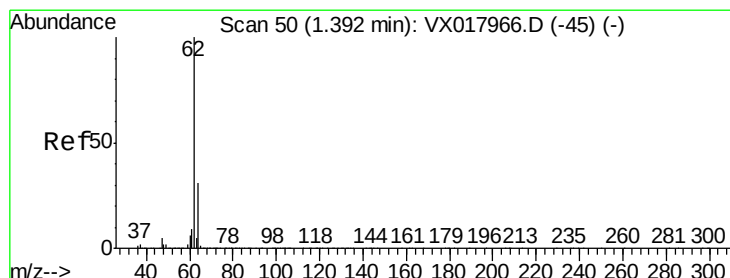
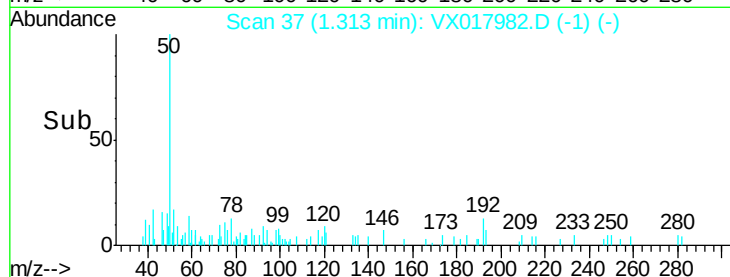
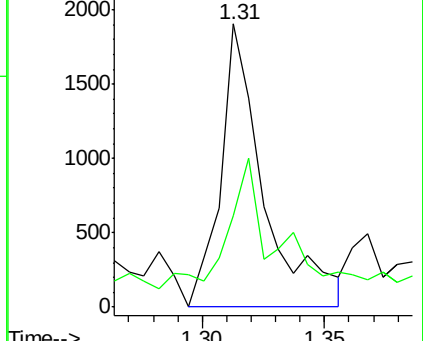
50 100

52 21.0 25.4 38.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.362 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017982.D

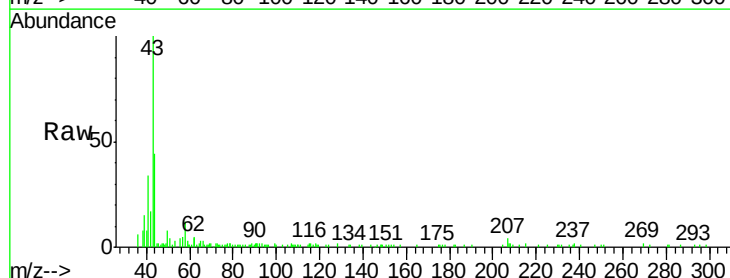
Acq: 19 Aug 2020 14:10

Tgt Ion: 62 Resp: 723

Ion Ratio Lower Upper

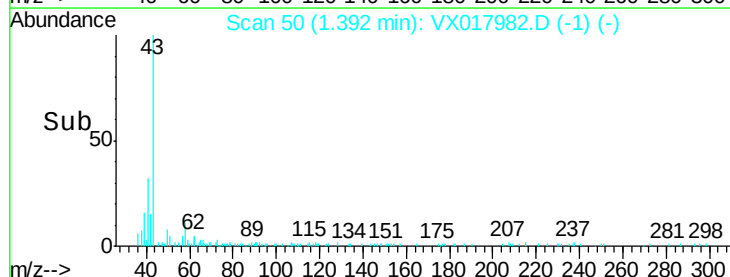
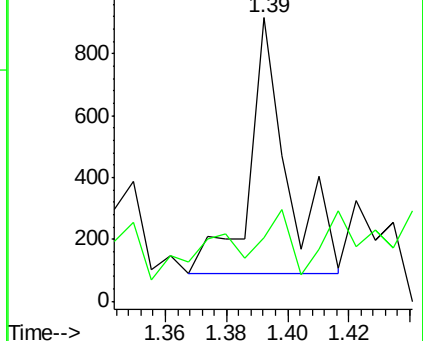
62 100

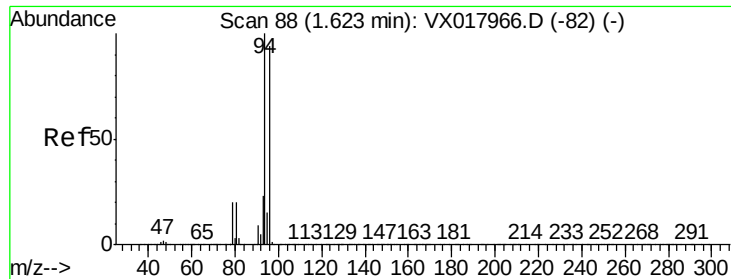
64 9.3 24.7 37.1#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.381 ug/l

RT: 1.65 min Scan# 93

Delta R.T. 0.03 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

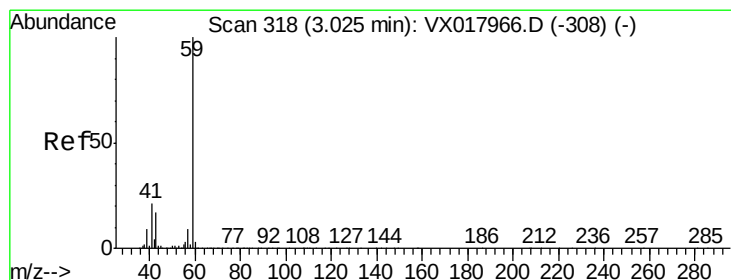
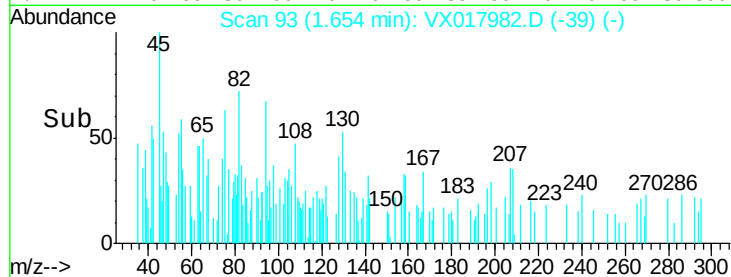
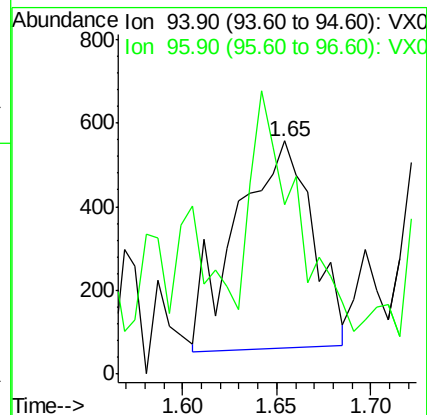
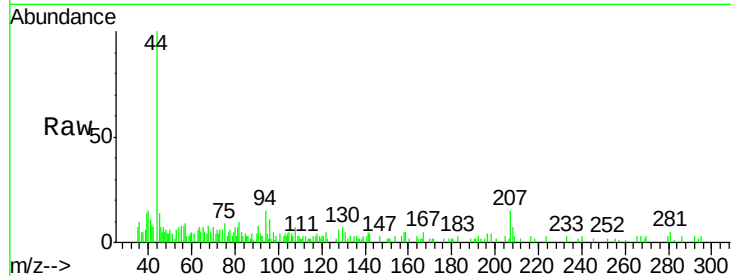
BP-VPB181-GW-258-260

Tgt Ion: 94 Resp: 1391

Ion Ratio Lower Upper

94 100

96 47.8 75.5 113.3#



#11

Tert butyl alcohol

Concen: 0.379 ug/l

RT: 3.03 min Scan# 319

Delta R.T. 0.01 min

Lab File: VX017982.D

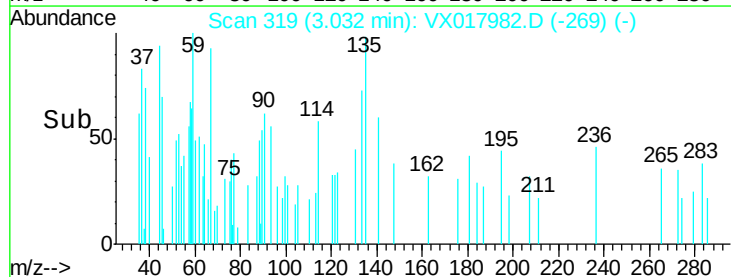
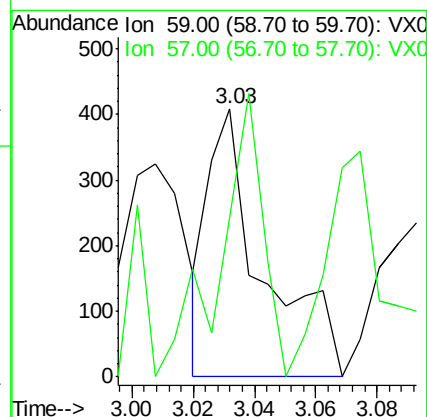
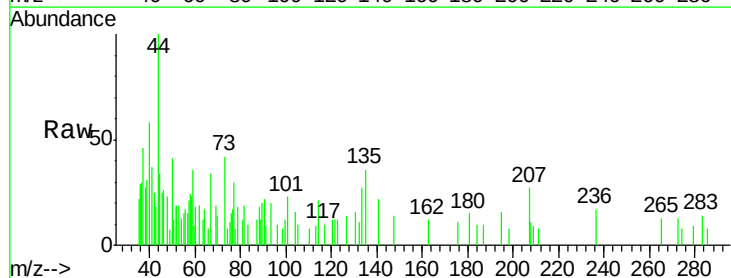
Acq: 19 Aug 2020 14:10

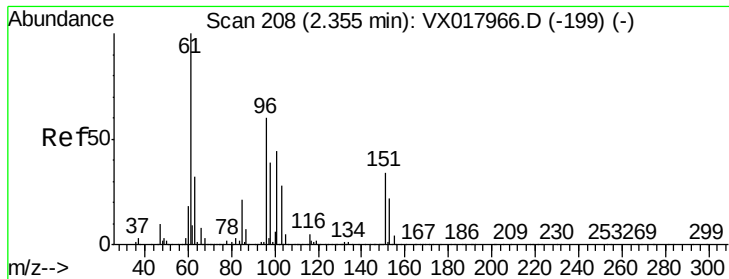
Tgt Ion: 59 Resp: 511

Ion Ratio Lower Upper

59 100

57 77.3 8.6 13.0#





#12

1,1-Dichloroethene

Concen: 0.801 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

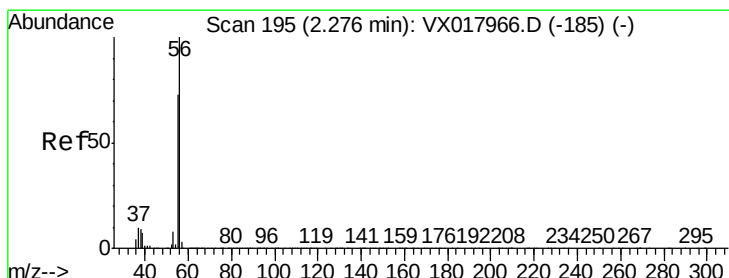
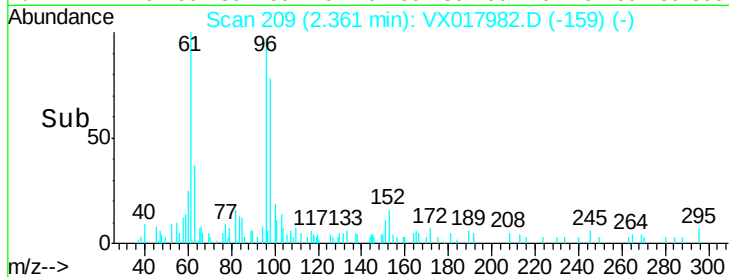
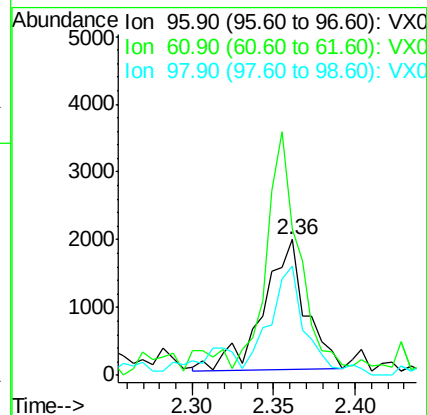
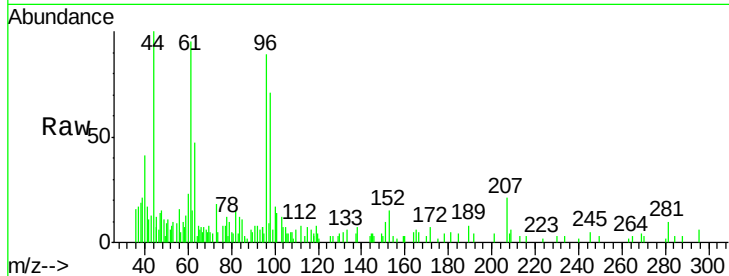
Tgt Ion: 96 Resp: 3441

Ion Ratio Lower Upper

96 100

61 105.5 132.9 199.3#

98 78.7 51.6 77.4#



#13

Acrolein

Concen: 0.523 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX017982.D

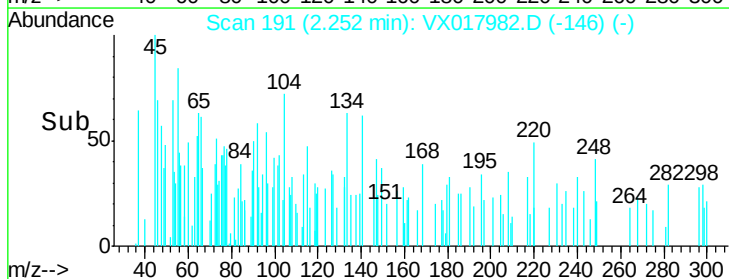
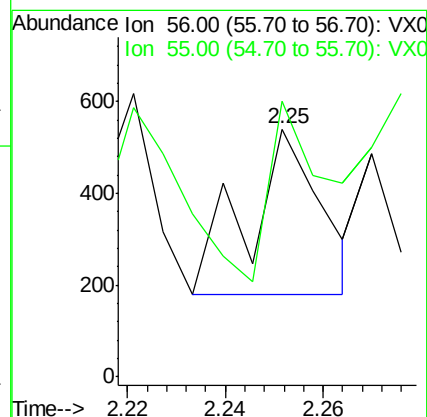
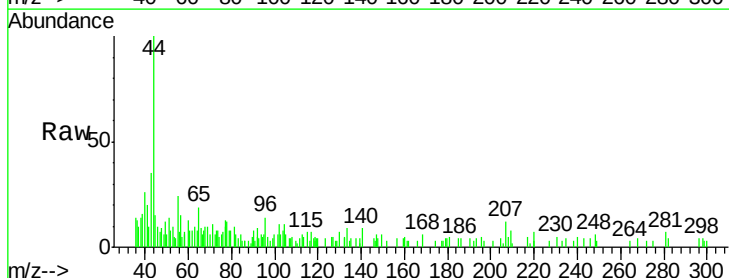
Acq: 19 Aug 2020 14:10

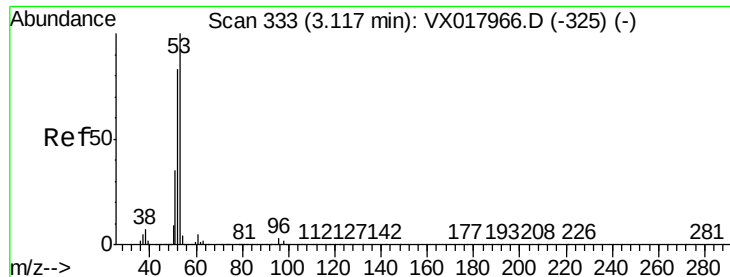
Tgt Ion: 56 Resp: 373

Ion Ratio Lower Upper

56 100

55 82.0 58.2 87.4





#15

Acrylonitrile

Concen: 0.319 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

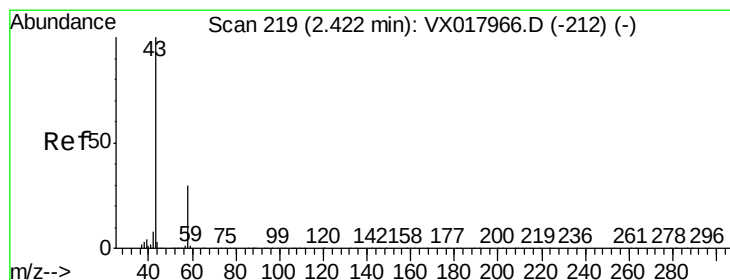
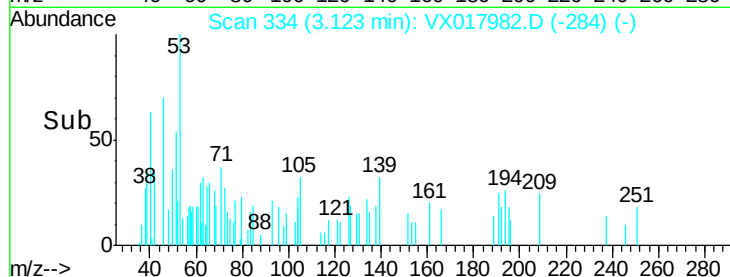
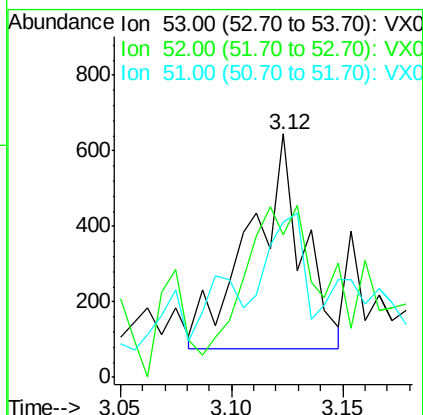
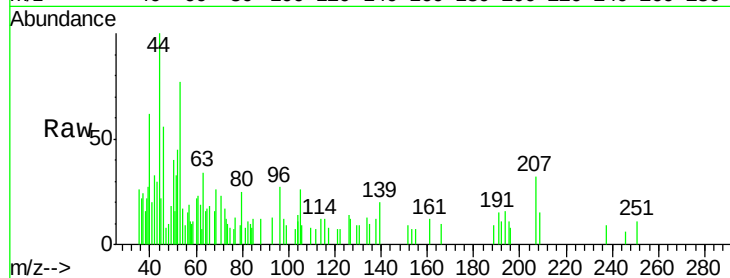
Tgt Ion: 53 Resp: 941

Ion Ratio Lower Upper

53 100

52 82.0 67.1 100.7

51 49.9 29.2 43.8#



#16

Acetone

Concen: 8.422 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017982.D

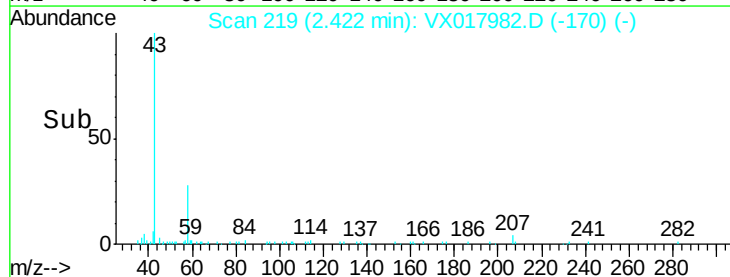
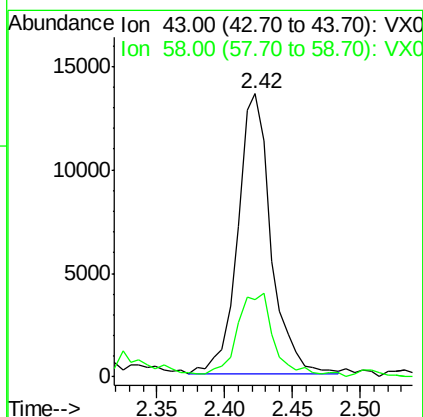
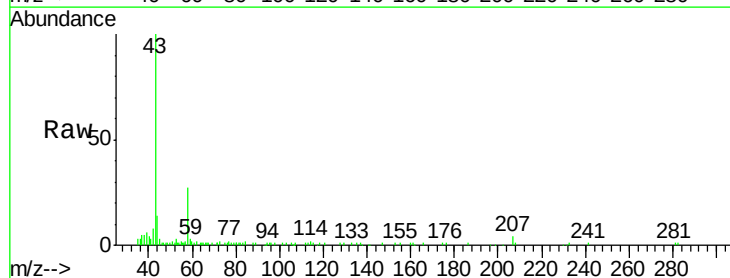
Acq: 19 Aug 2020 14:10

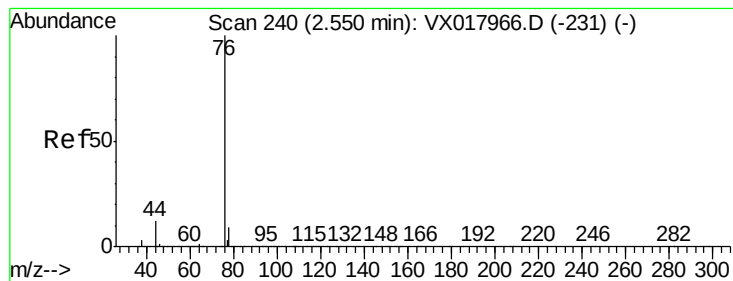
Tgt Ion: 43 Resp: 23148

Ion Ratio Lower Upper

43 100

58 26.2 23.8 35.8





#17

Carbon Disulfide

Concen: 0.377 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

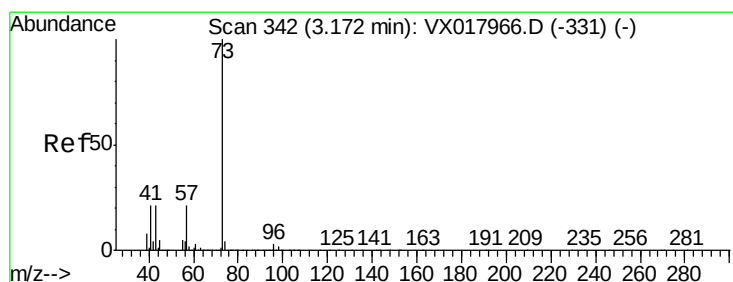
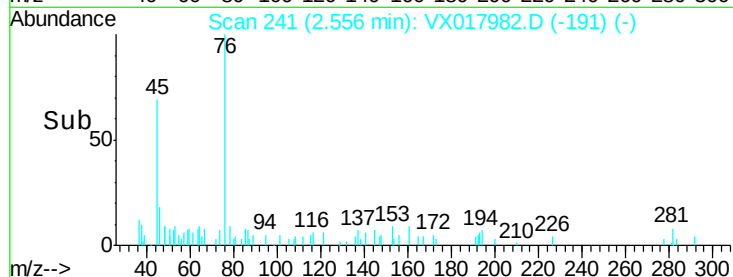
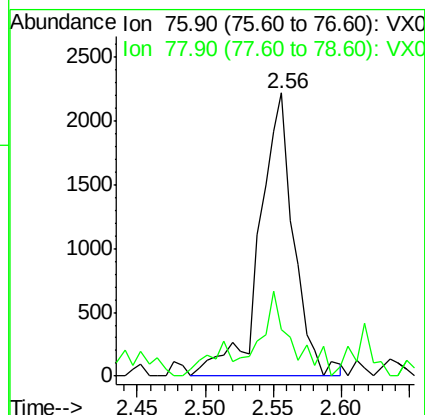
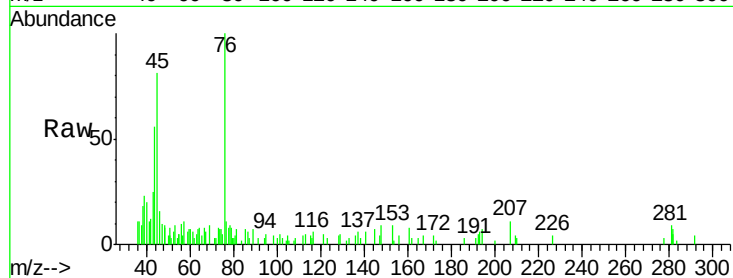
BP-VPB181-GW-258-260

Tgt Ion: 76 Resp: 3929

Ion Ratio Lower Upper

76 100

78 13.8 7.3 10.9#



#19

Methyl tert-butyl Ether

Concen: 0.403 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.00 min

Lab File: VX017982.D

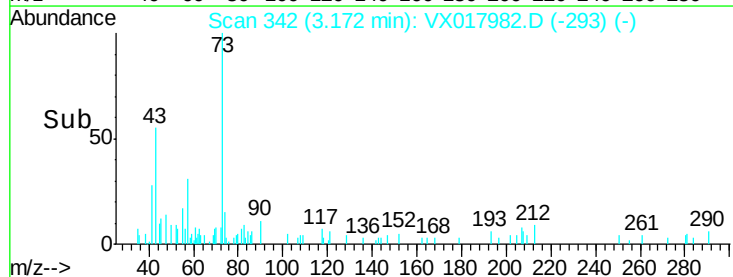
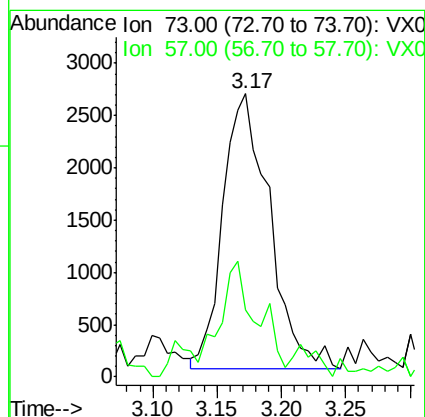
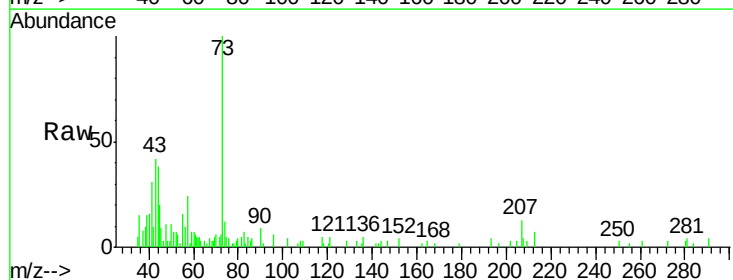
Acq: 19 Aug 2020 14:10

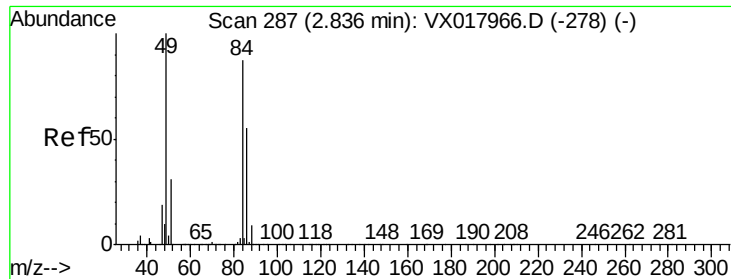
Tgt Ion: 73 Resp: 6617

Ion Ratio Lower Upper

73 100

57 17.8 16.9 25.3





#20

Methylene Chloride

Concen: 0.499 ug/l

RT: 2.84 min Scan# 287

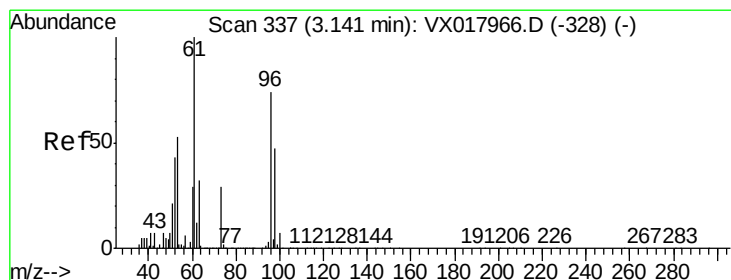
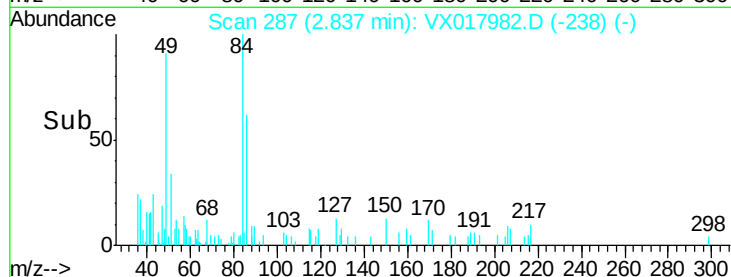
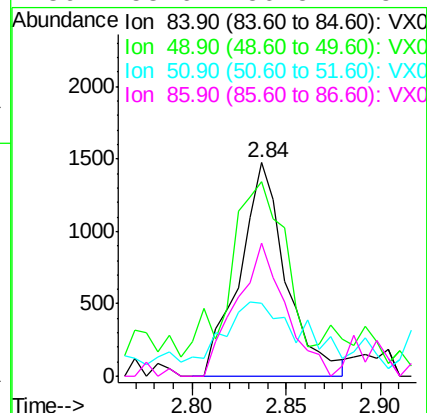
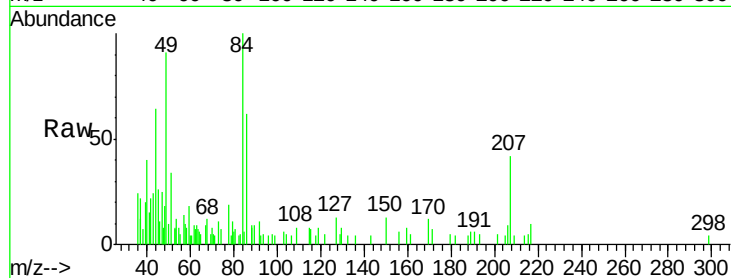
Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

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BP-VPB181-GW-258-260

Tgt Ion:	84	Resp:	2527
Ion	Ratio	Lower	Upper
84	100		
49	70.3	91.8	137.6#
51	24.1	27.8	41.8#
86	58.6	50.5	75.7



#21

trans-1,2-Dichloroethene

Concen: 0.243 ug/l

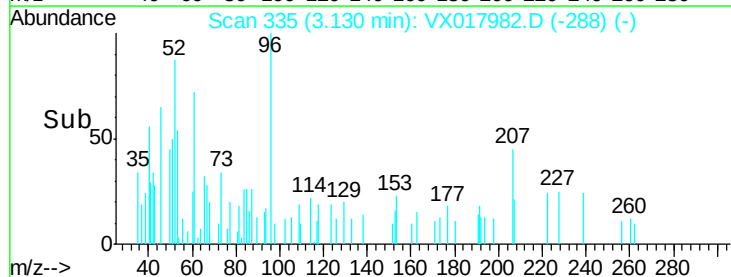
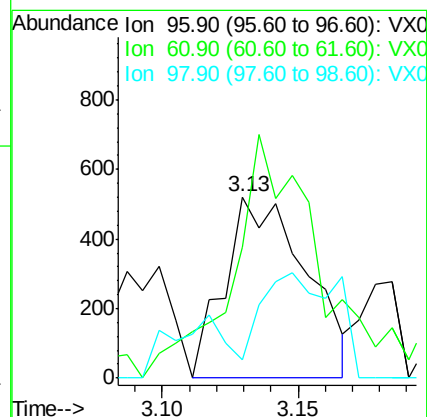
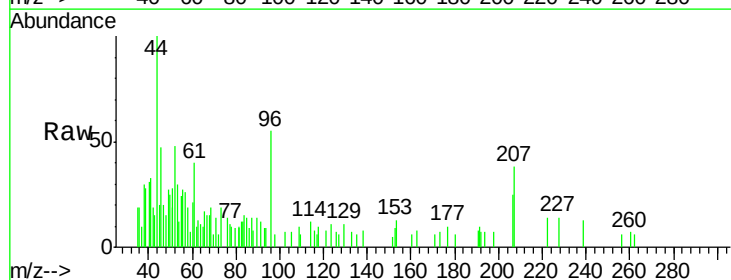
RT: 3.13 min Scan# 335

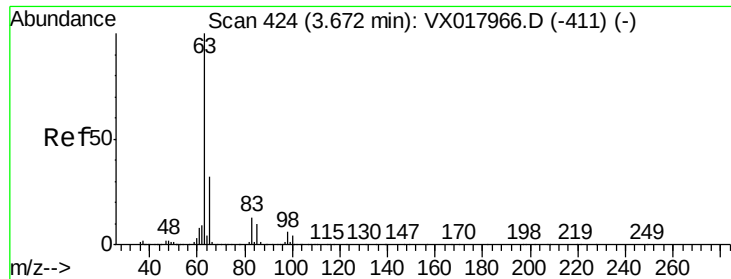
Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Tgt Ion:	96	Resp:	1075
Ion	Ratio	Lower	Upper
96	100		
61	46.7	108.6	163.0#
98	0.0	51.4	77.0#





#24

1,1-Dichloroethane

Concen: 1.087 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

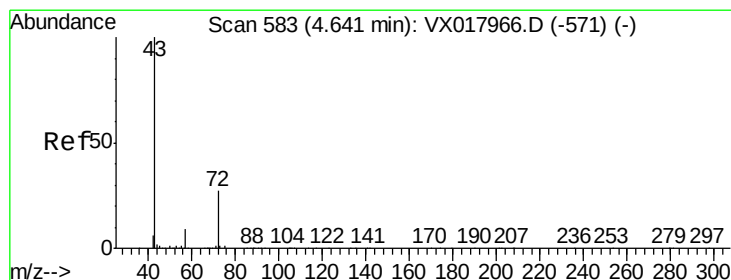
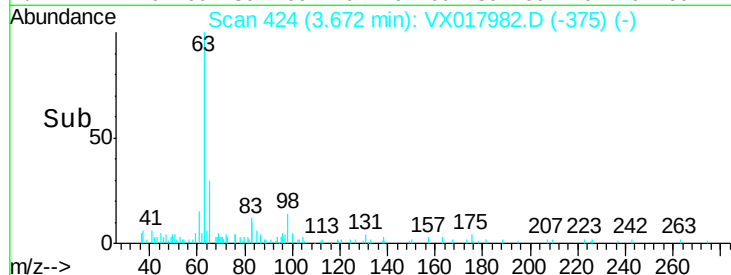
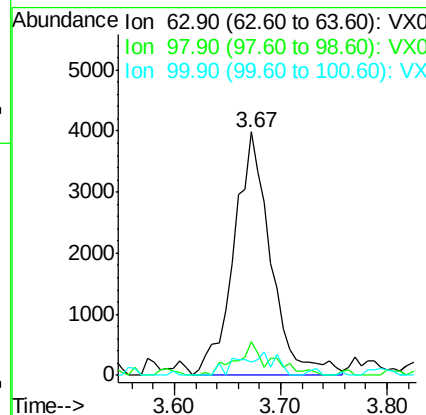
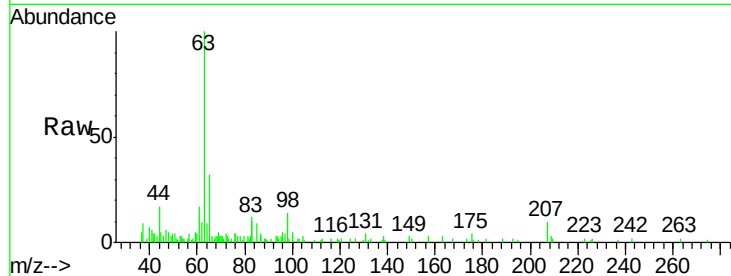
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tgt Ion:	63	Resp:	9682
Ion	Ratio	Lower	Upper
63	100		
98	15.3	3.0	9.0#
100	5.4	2.0	5.8



#25

2-Butanone

Concen: 1.497 ug/l

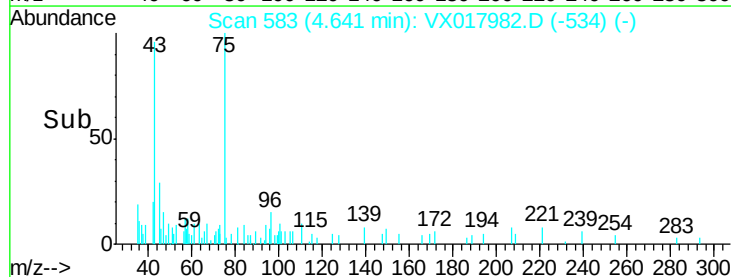
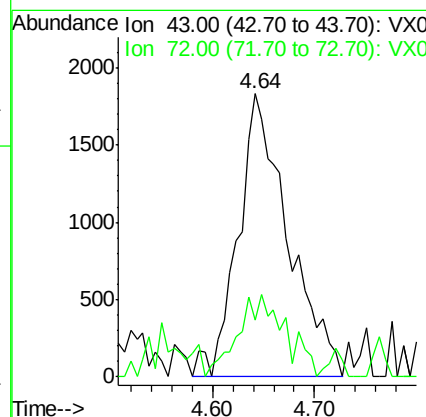
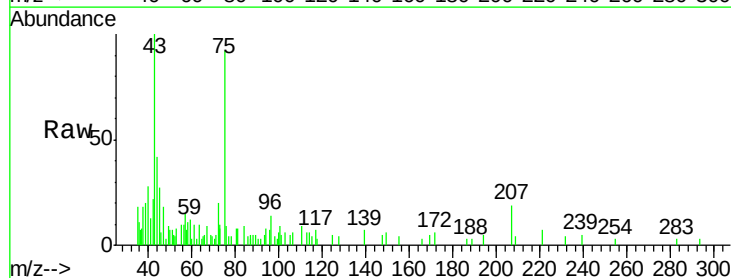
RT: 4.64 min Scan# 583

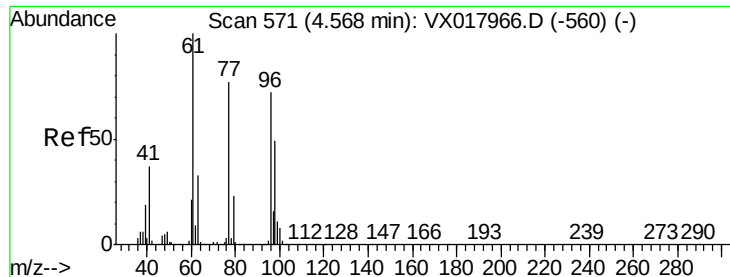
Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Tgt Ion:	43	Resp:	6230
Ion	Ratio	Lower	Upper
43	100		
72	22.1	21.4	32.2





#27

cis-1,2-Dichloroethene

Concen: 4.319 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

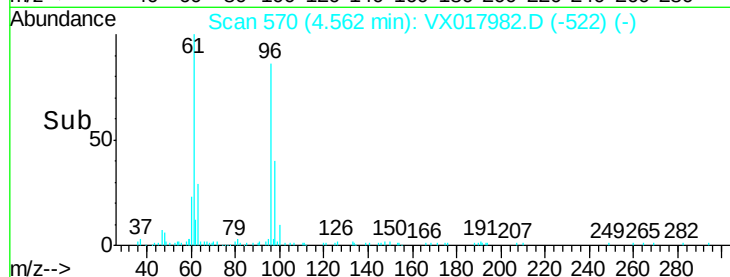
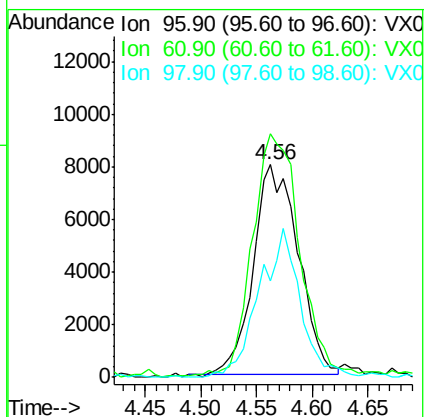
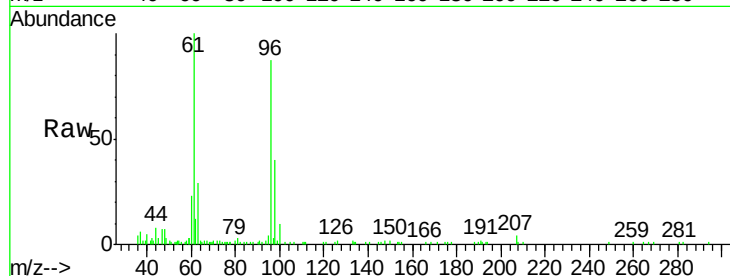
Tgt Ion: 96 Resp: 22502

Ion Ratio Lower Upper

96 100

61 124.1 0.0 298.8

98 64.5 0.0 130.2



#32

1,1,1-Trichloroethane

Concen: 0.439 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

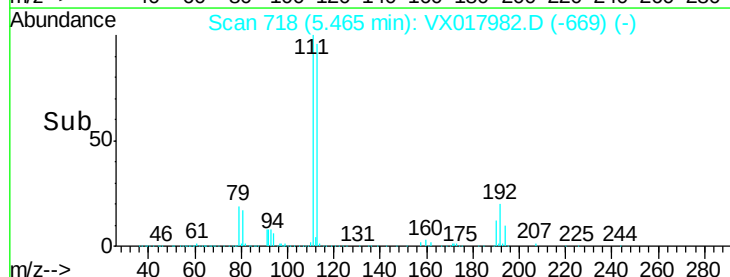
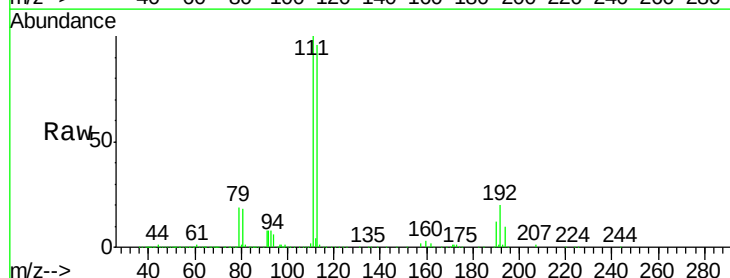
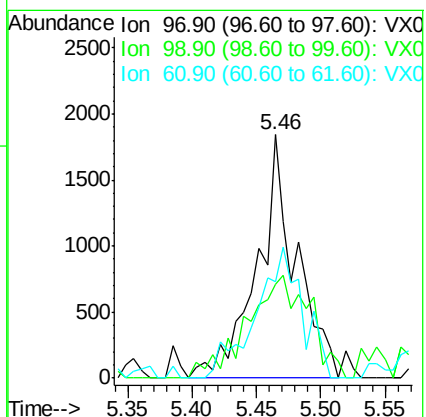
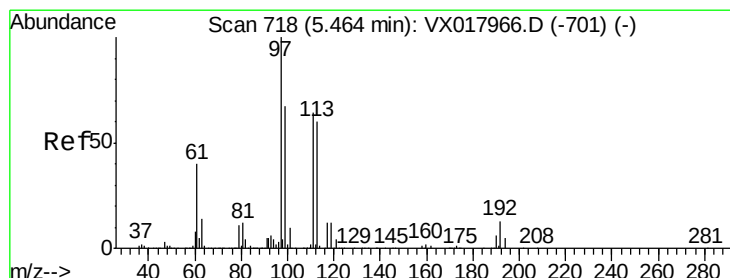
Tgt Ion: 97 Resp: 3872

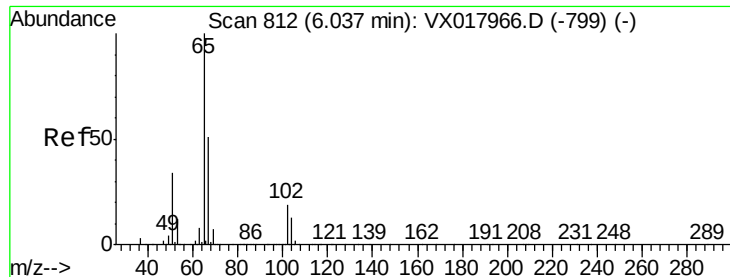
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 64.6 33.7 50.5#

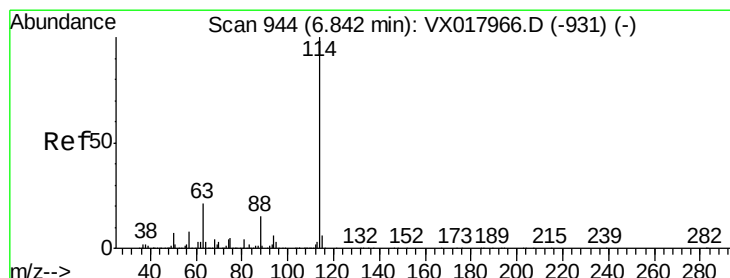
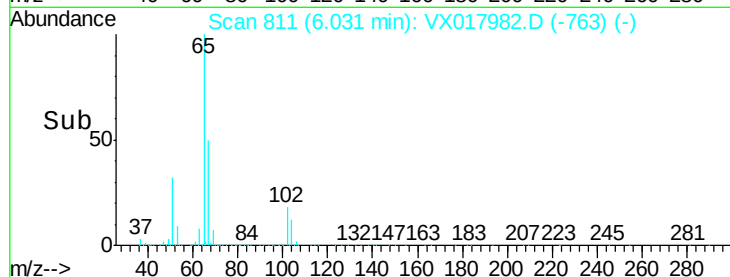
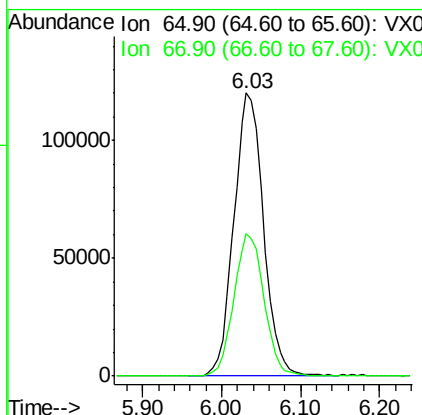
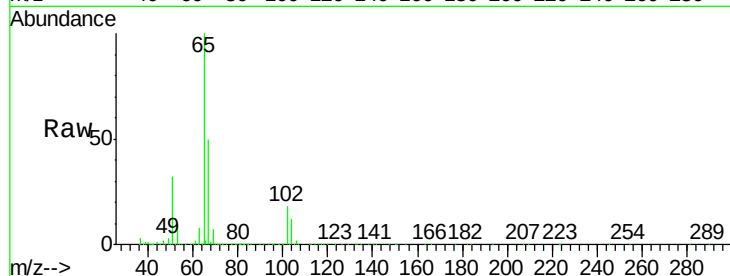




#33
 1,2-Dichloroethane-d4
 Concen: 44.936 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

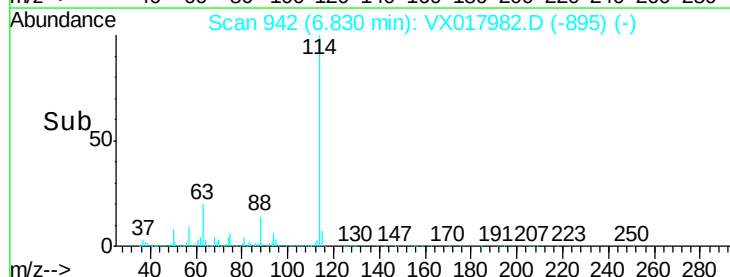
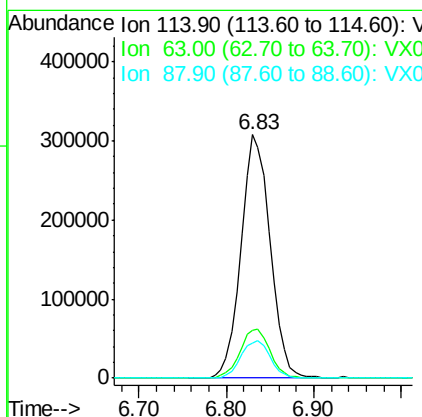
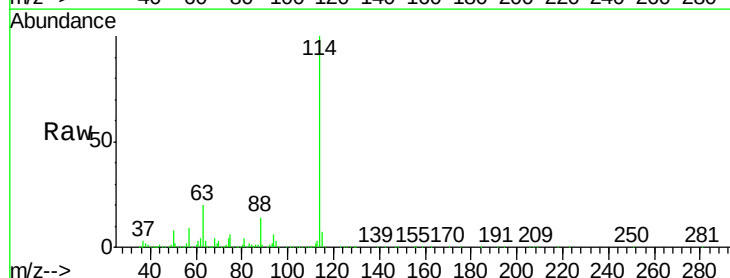
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

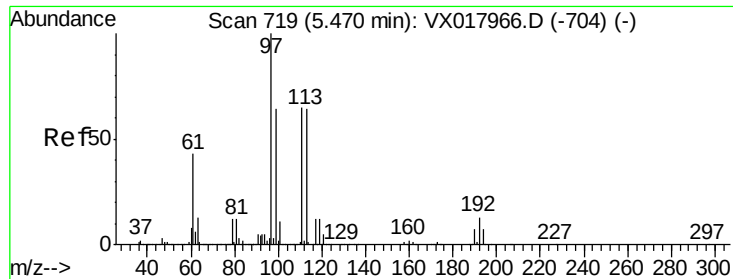
Tgt Ion: 65 Resp: 313947
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion: 114 Resp: 712612
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 14.2 0.0 30.2

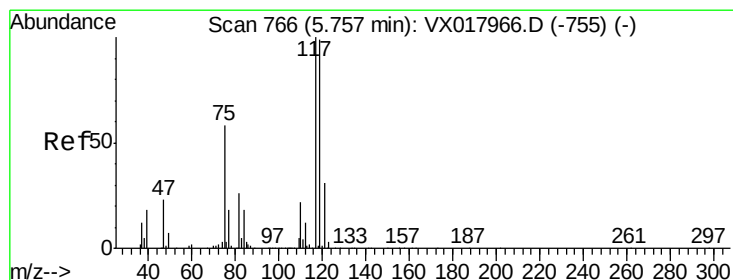
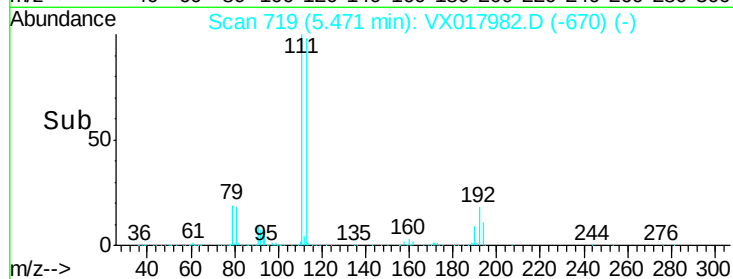
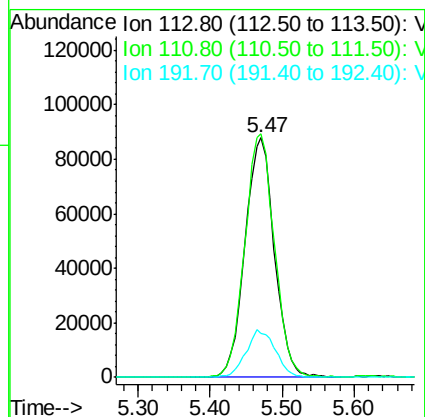
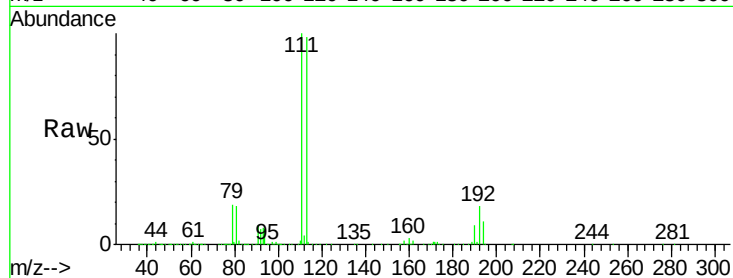




#35
Dibromofluoromethane
Concen: 46.845 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

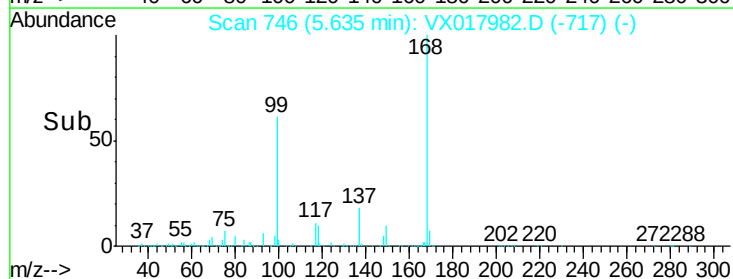
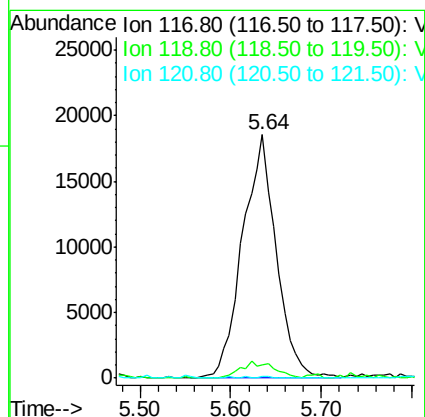
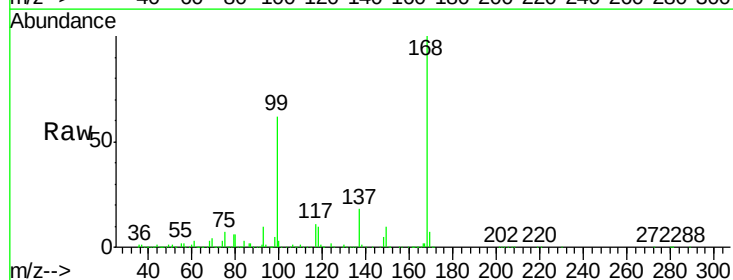
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

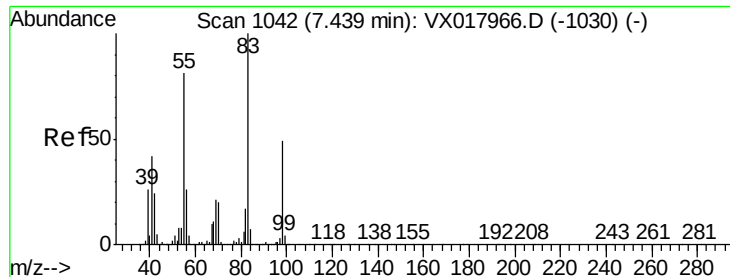
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.5	125.3
192	20.2	16.2	24.4



#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.0	118.6#
121	0.6	24.7	37.1#

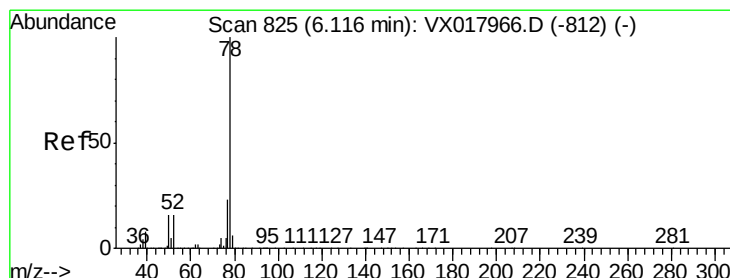
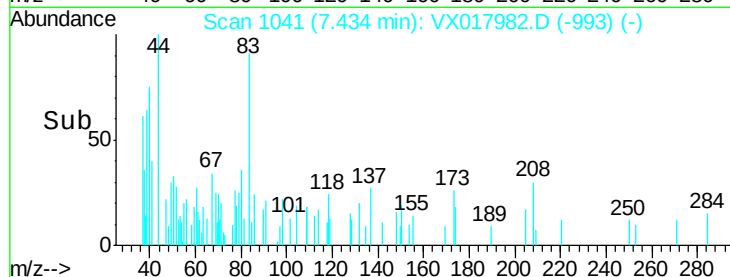
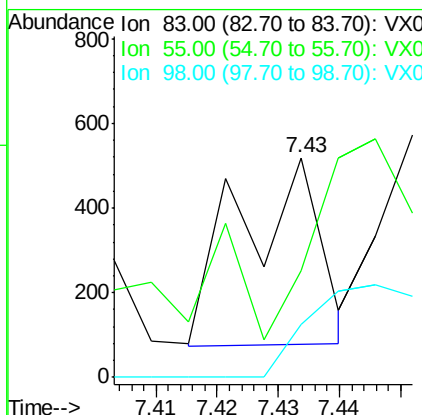
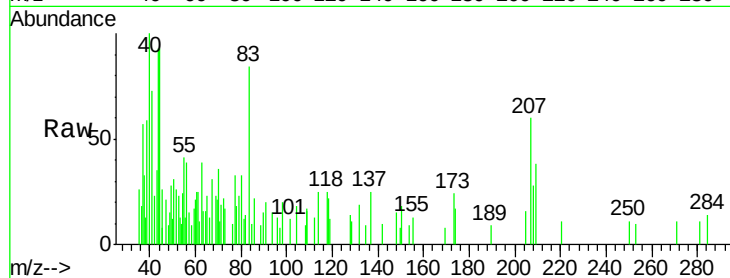




#39
Methylcyclohexane
Concen: 0.865 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

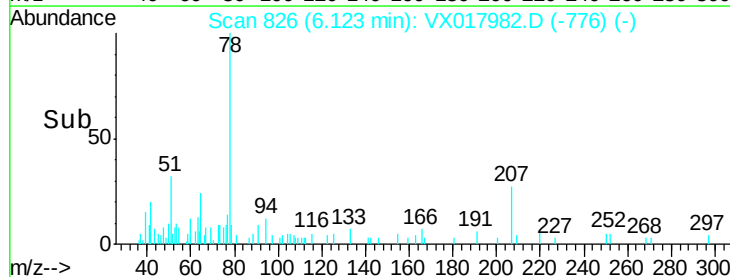
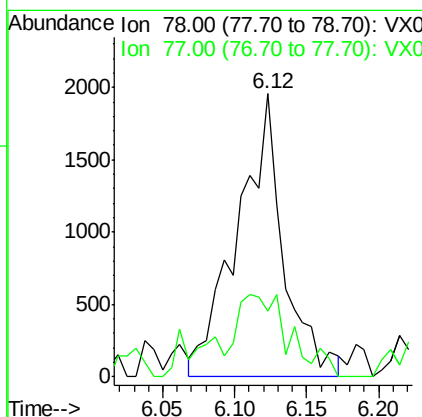
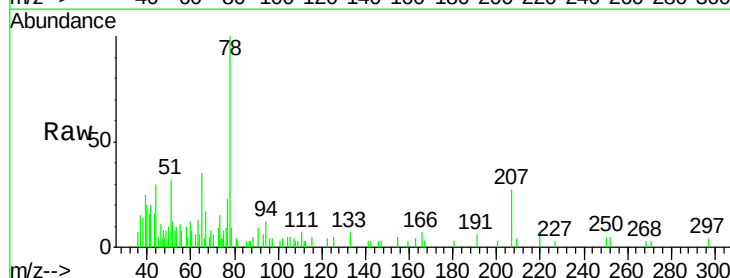
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

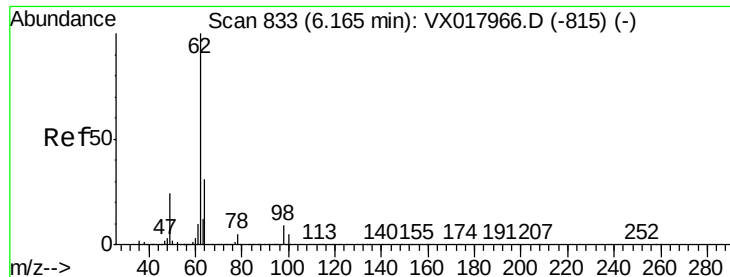
Tgt Ion: 83 Resp: 402
Ion Ratio Lower Upper
83 100
55 46.3 64.5 96.7#
98 28.5 39.0 58.6#



#40
Benzene
Concen: 0.241 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion: 78 Resp: 4332
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2

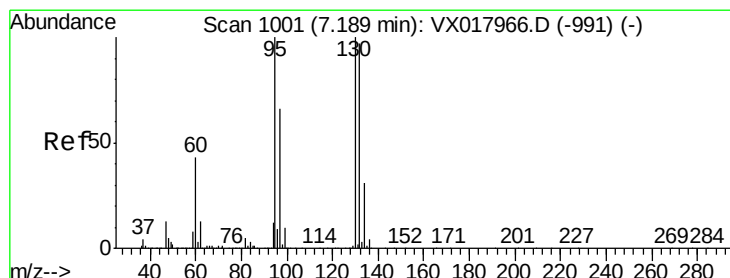
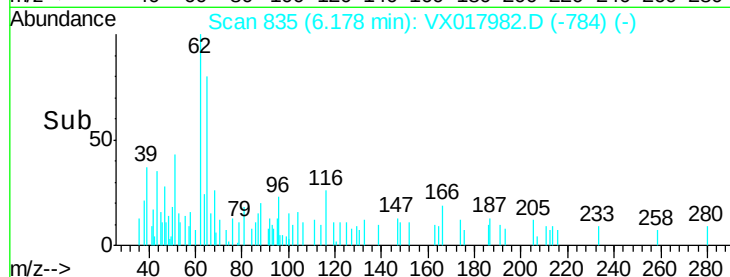
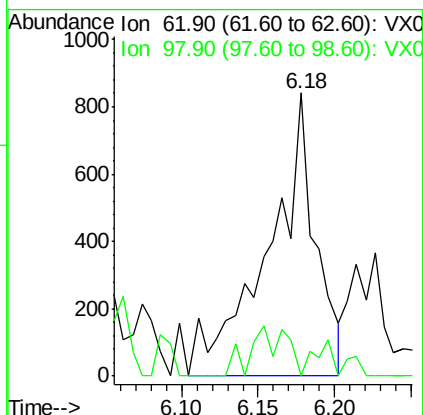
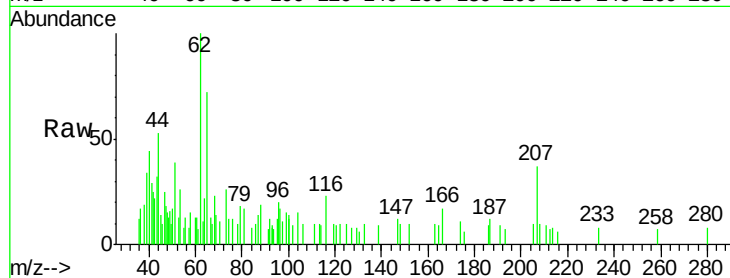




#42
1,2-Dichloroethane
Concen: 0.237 ug/l
RT: 6.18 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

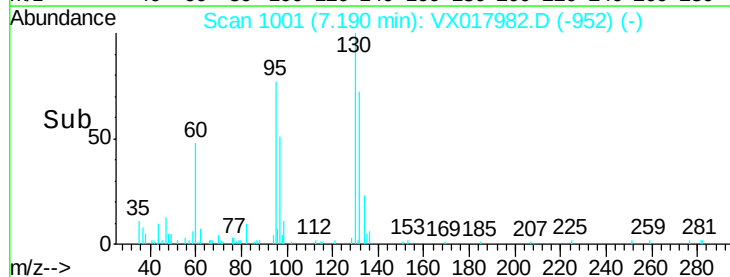
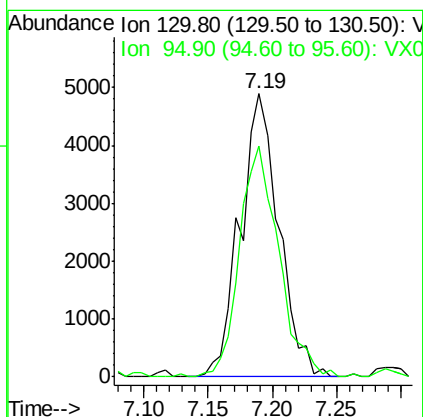
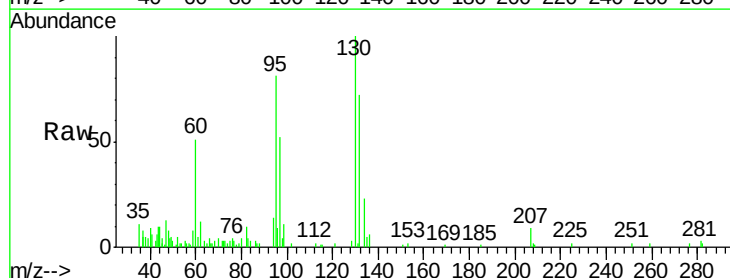
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

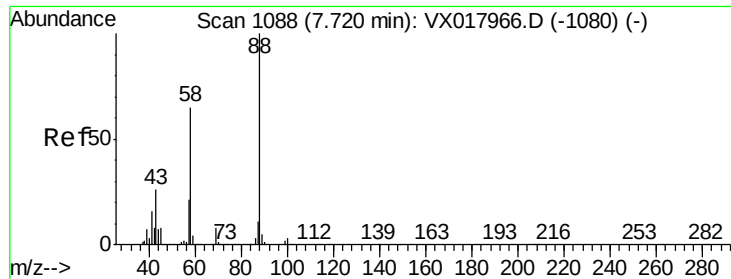
Tgt Ion: 62 Resp: 1808
Ion Ratio Lower Upper
62 100
98 7.0 0.0 17.2



#44
Trichloroethene
Concen: 1.904 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion: 130 Resp: 10145
Ion Ratio Lower Upper
130 100
95 81.3 0.0 200.6





#49

1,4-Dioxane

Concen: 1.548 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

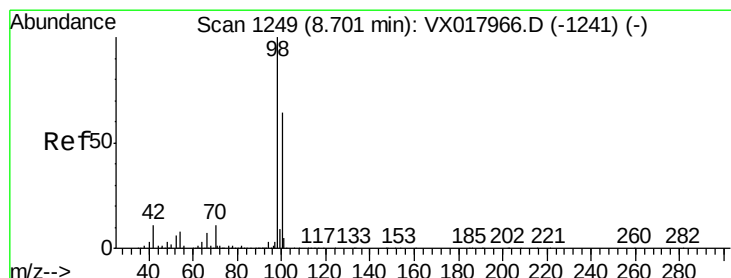
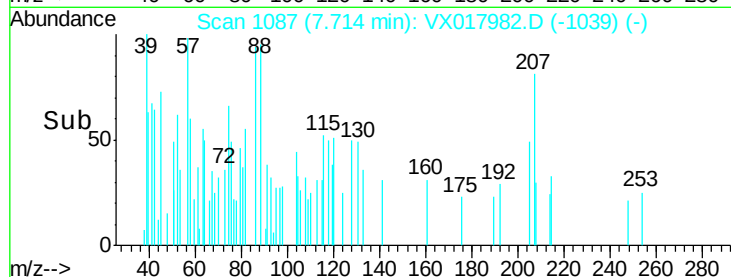
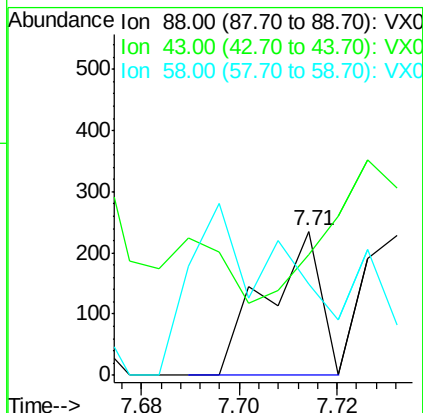
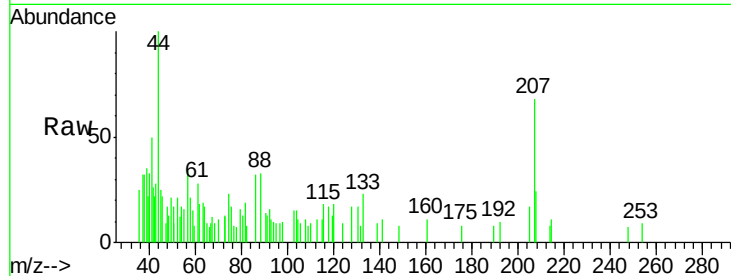
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tgt Ion:	88	Resp:	181
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	211.0	57.7	86.5#



#50

Toluene-d8

Concen: 45.834 ug/l

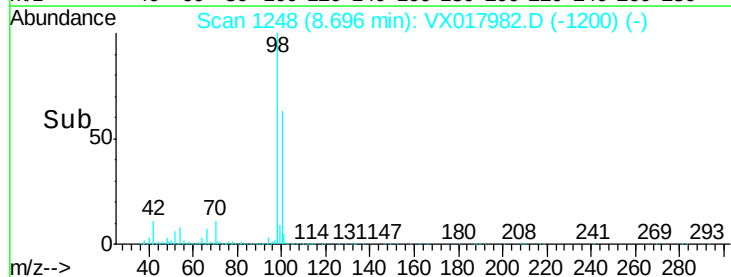
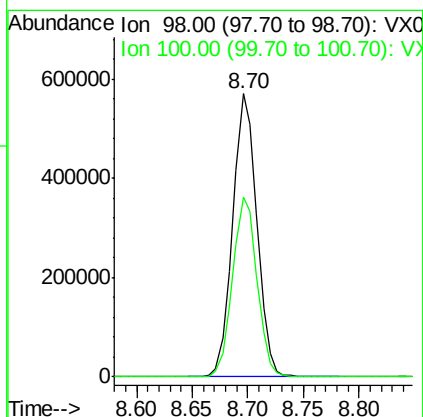
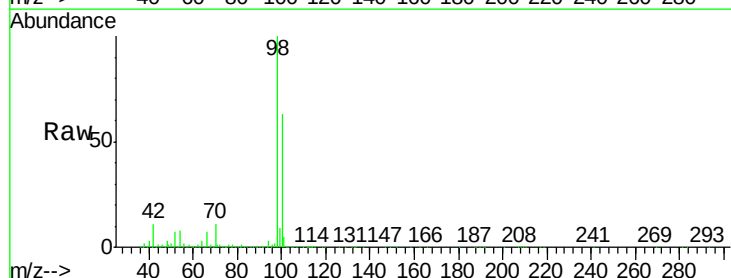
RT: 8.70 min Scan# 1248

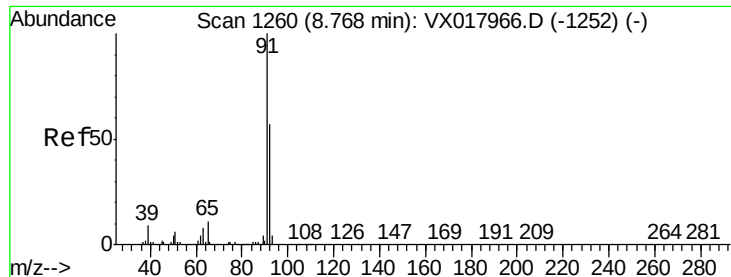
Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Tgt Ion:	98	Resp:	859755
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





#52

Toluene

Concen: 1.022 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

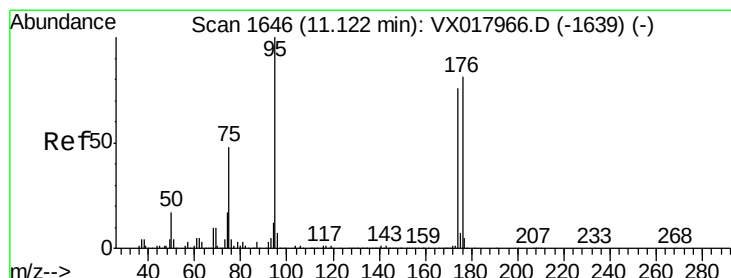
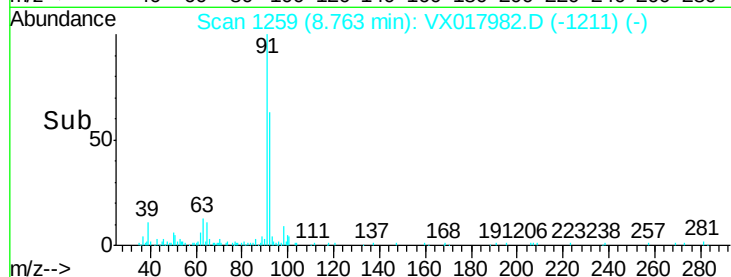
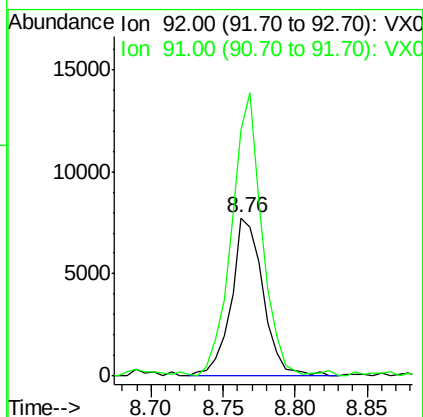
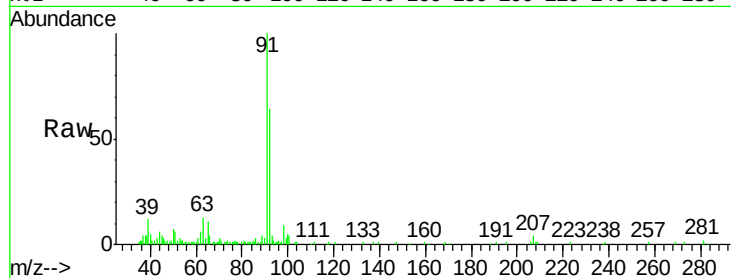
BP-VPB181-GW-258-260

Tgt Ion: 92 Resp: 12017

Ion Ratio Lower Upper

92 100

91 169.1 138.4 207.6



#62

4-Bromofluorobenzene

Concen: 45.198 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

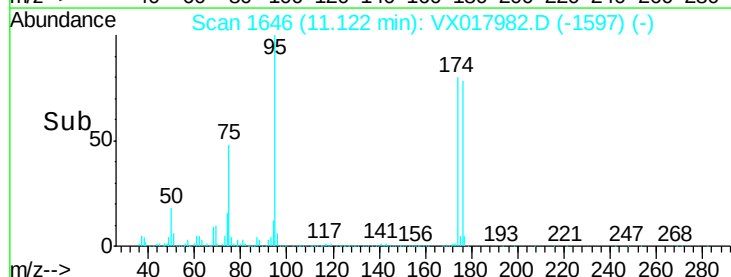
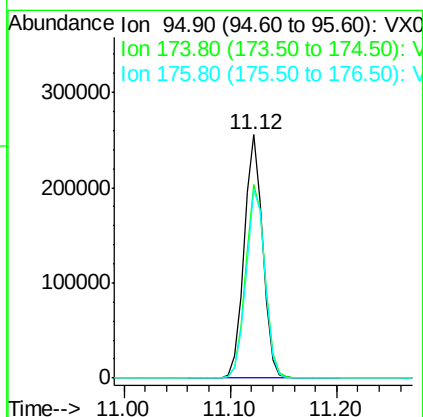
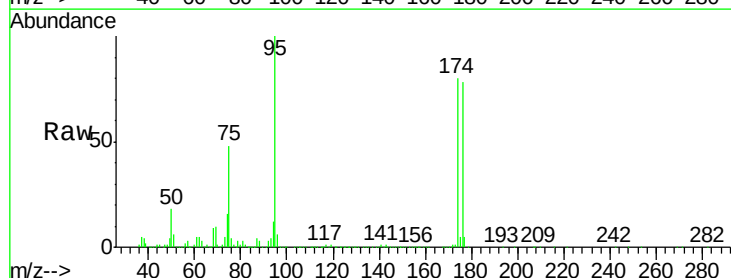
Tgt Ion: 95 Resp: 313134

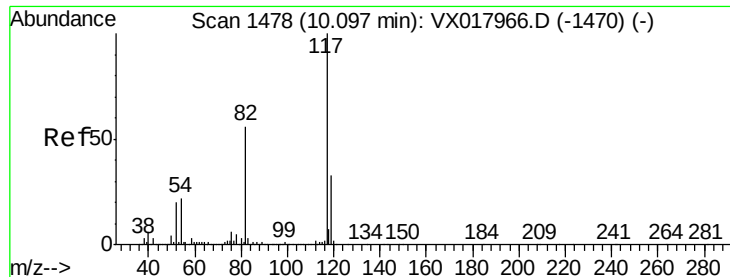
Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.0

176 79.2 0.0 161.0

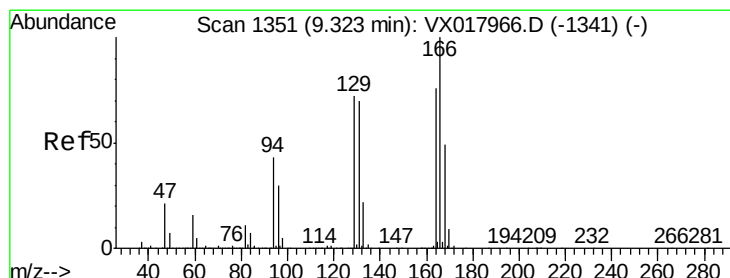
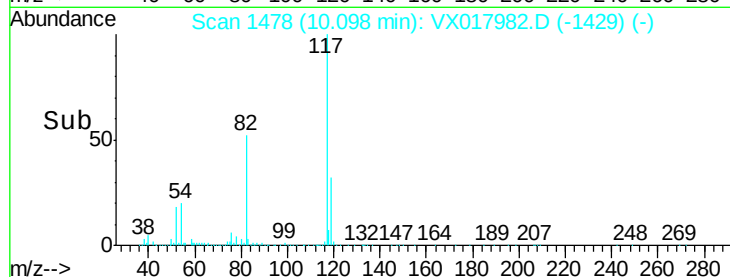
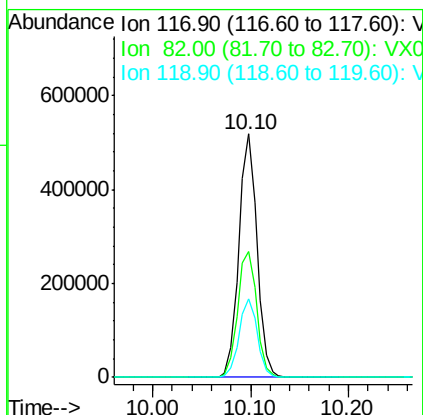
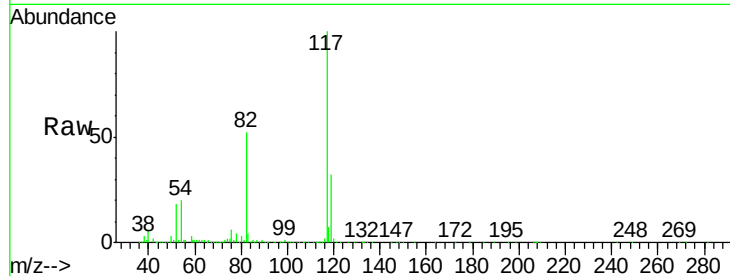




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

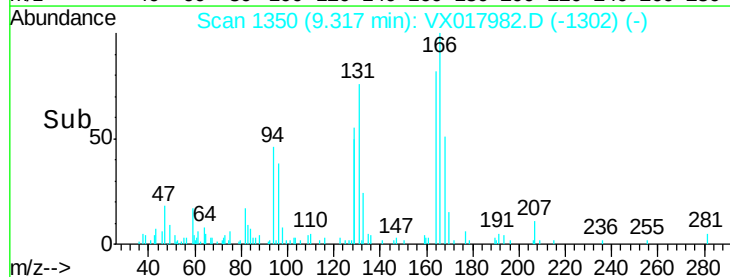
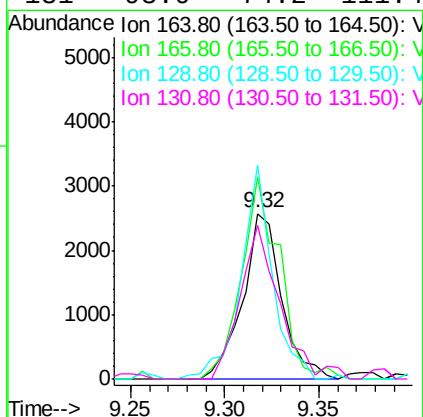
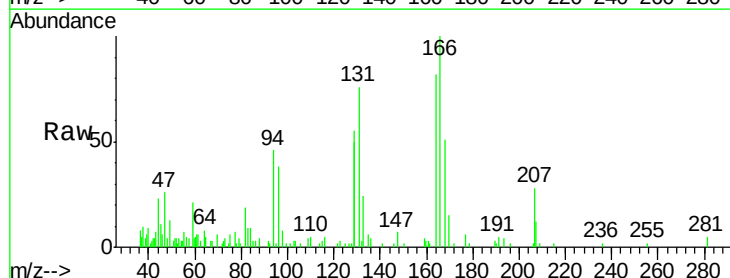
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

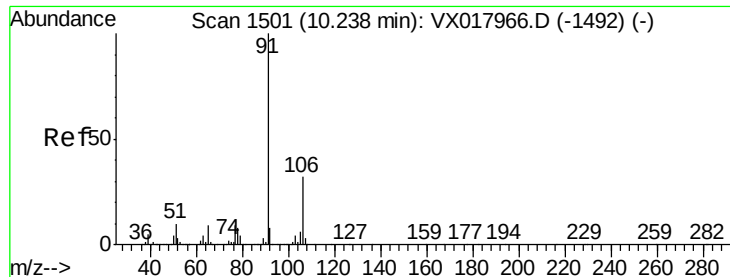
Tgt Ion:117 Resp: 667923
Ion Ratio Lower Upper
117 100
82 51.6 44.6 66.8
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 0.724 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion:164 Resp: 3694
Ion Ratio Lower Upper
164 100
166 122.4 105.7 158.5
129 126.8 75.8 113.8#
131 93.0 74.2 111.4

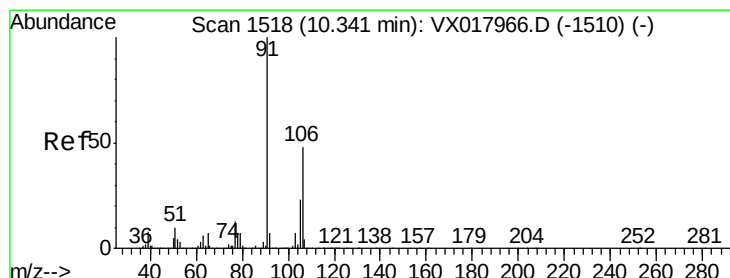
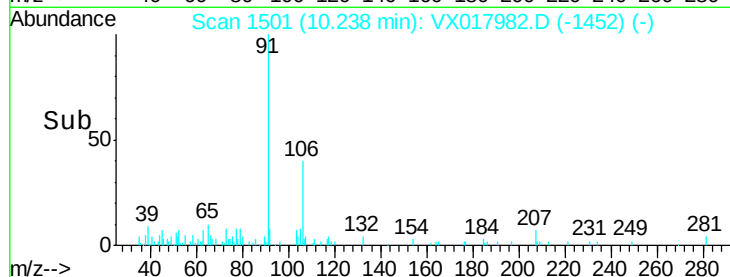
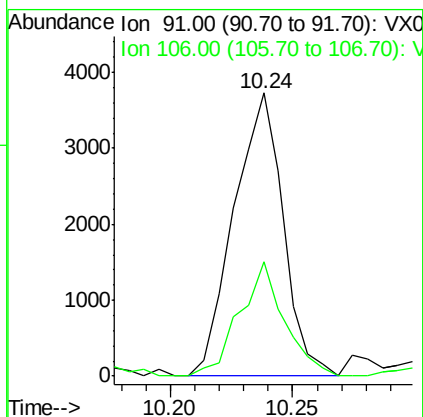
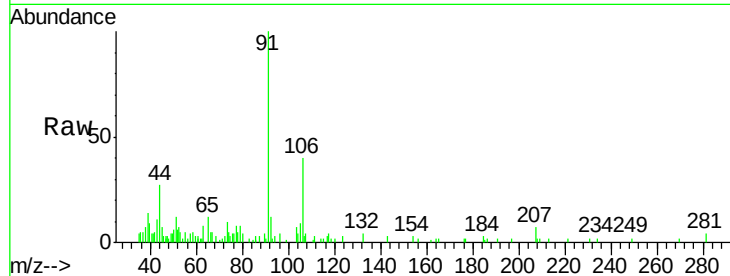




#67
Ethyl Benzene
Concen: 0.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

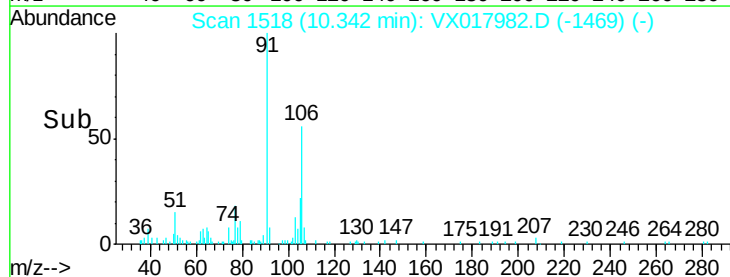
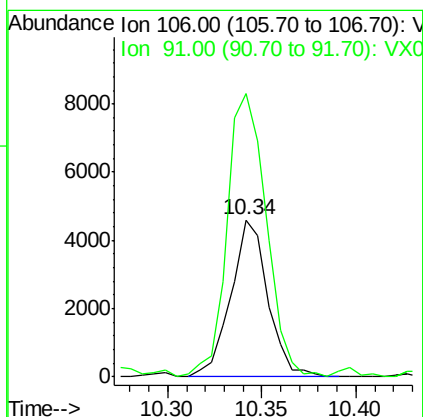
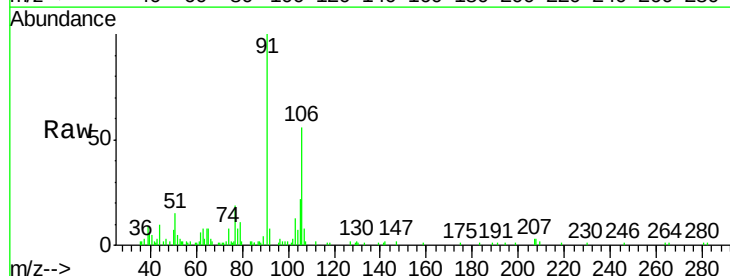
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

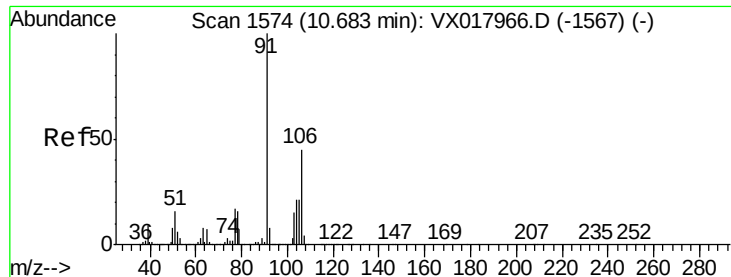
Tgt Ion: 91 Resp: 5238
Ion Ratio Lower Upper
91 100
106 40.4 25.4 38.0#



#68
m/p-Xylenes
Concen: 0.746 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion: 106 Resp: 6277
Ion Ratio Lower Upper
106 100
91 190.4 167.4 251.2

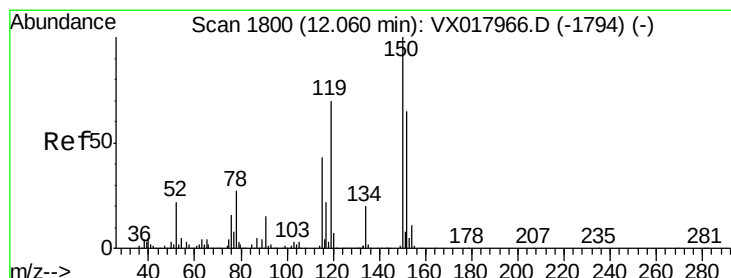
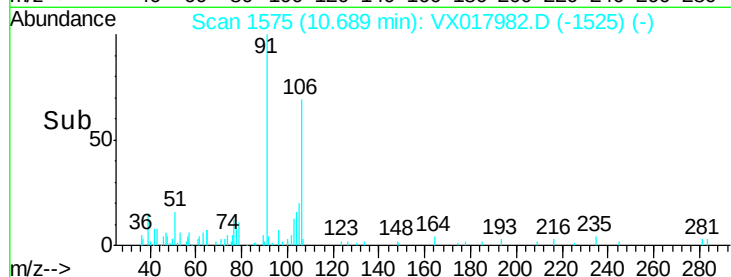
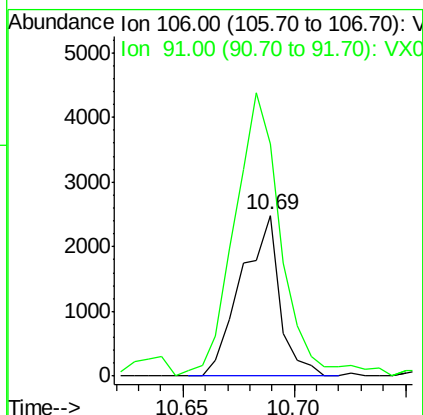
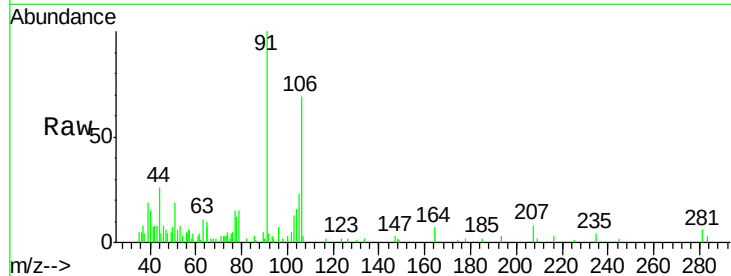




#69
o-Xylene
Concen: 0.370 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

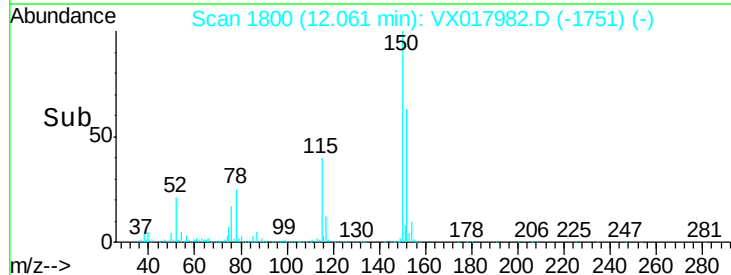
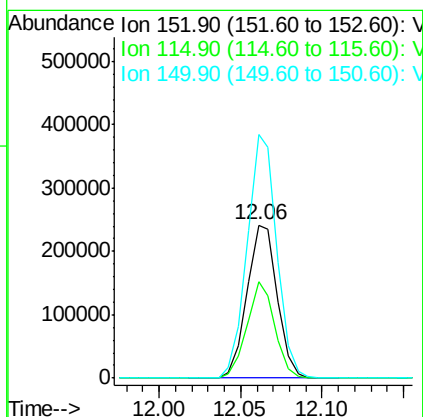
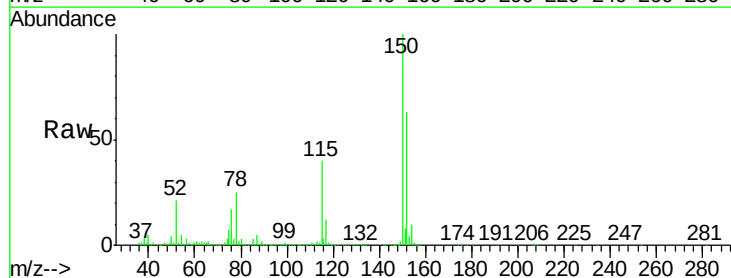
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

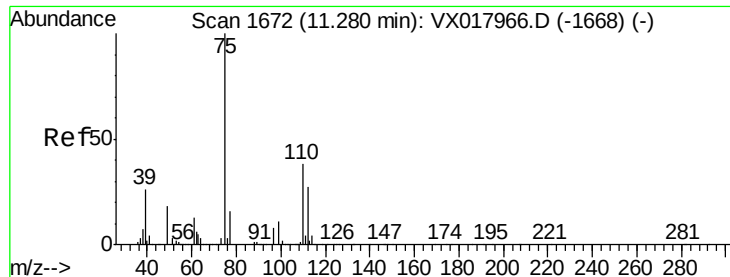
Tgt Ion:106 Resp: 3004
Ion Ratio Lower Upper
106 100
91 213.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion:152 Resp: 313234
Ion Ratio Lower Upper
152 100
115 58.3 40.6 121.7
150 155.0 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 22.936 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

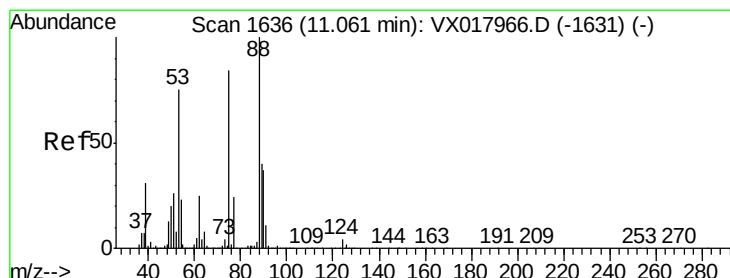
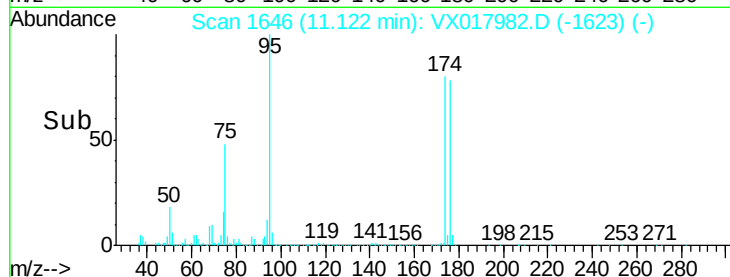
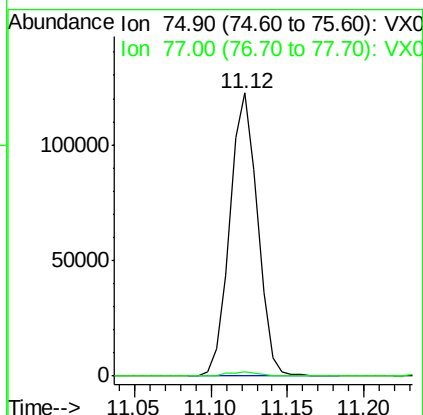
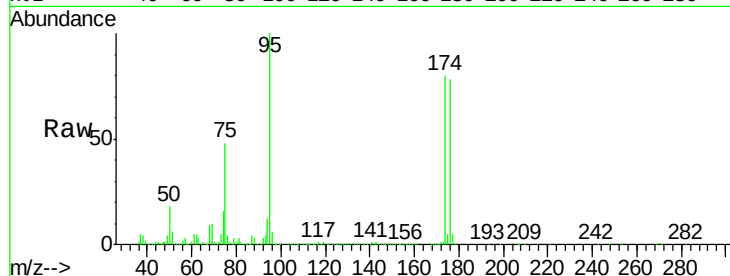
BP-VPB181-GW-258-260

Tgt Ion: 75 Resp: 152782

Ion Ratio Lower Upper

75 100

77 1.7 21.1 63.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.254 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

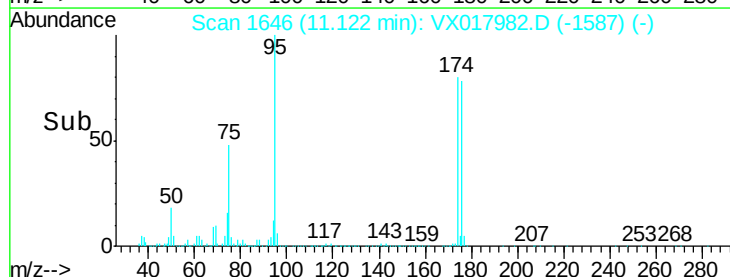
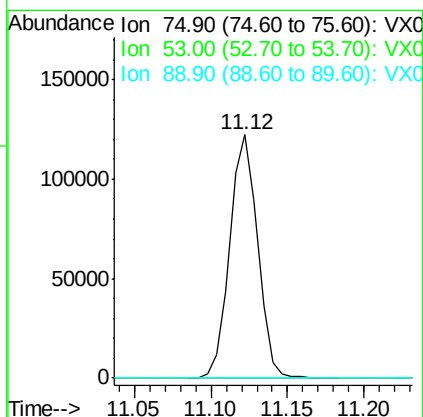
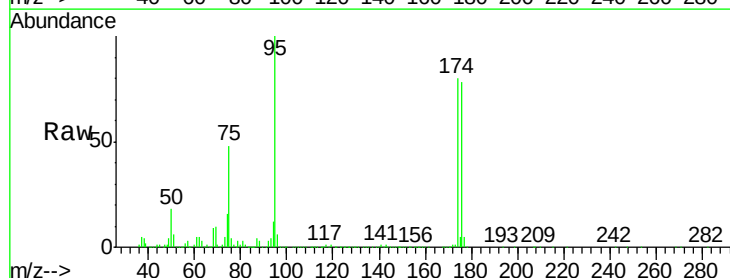
Tgt Ion: 75 Resp: 152782

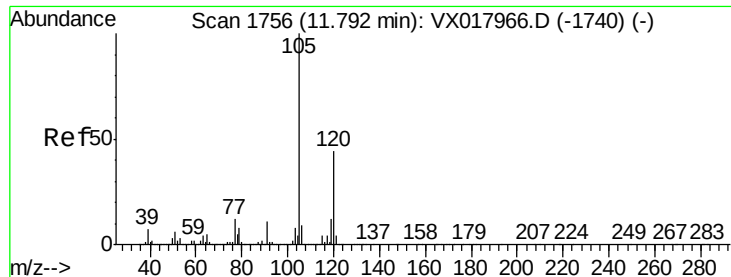
Ion Ratio Lower Upper

75 100

53 0.5 75.2 112.8#

89 0.0 38.4 57.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.469 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

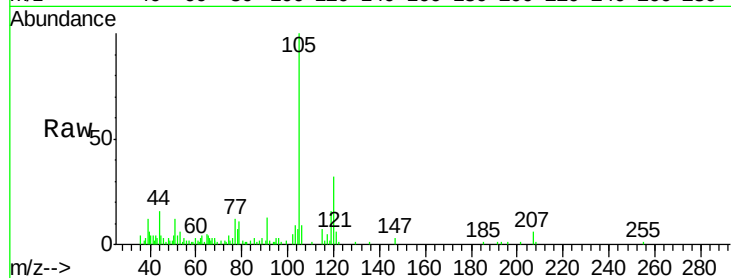
BP-VPB181-GW-258-260

Tgt Ion:105 Resp: 8586

Ion Ratio Lower Upper

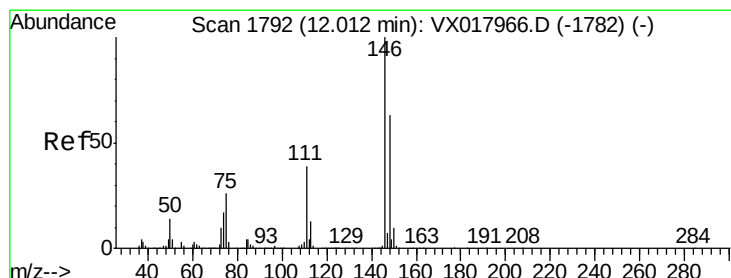
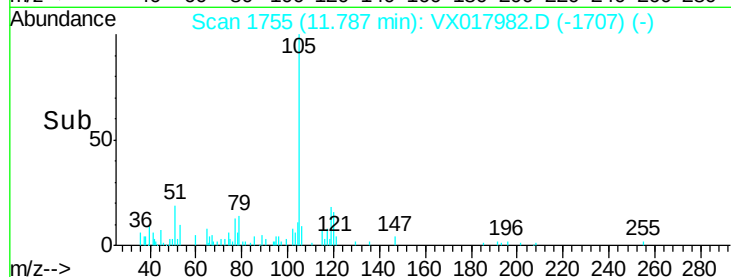
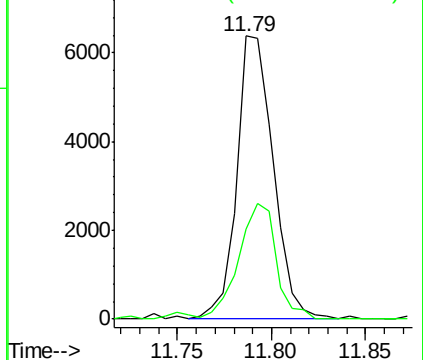
105 100

120 42.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: 0.223 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

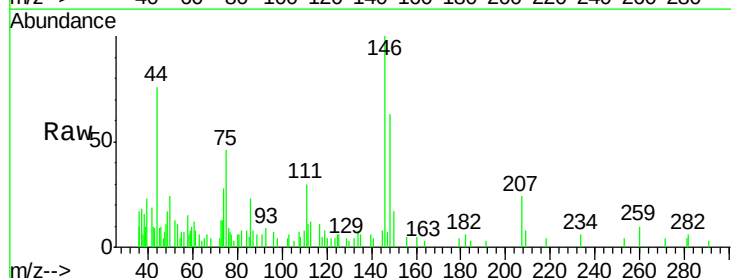
Tgt Ion:146 Resp: 2266

Ion Ratio Lower Upper

146 100

111 31.7 20.1 60.3

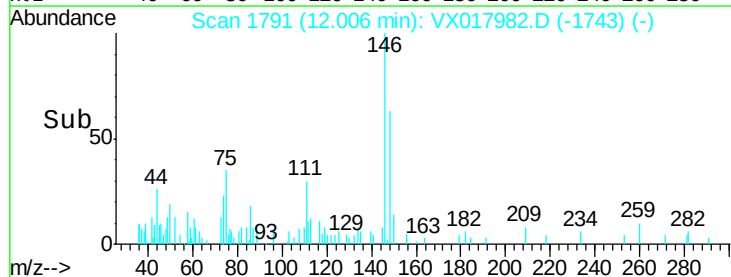
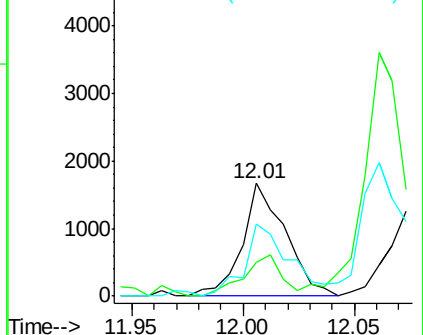
148 65.6 31.6 95.0

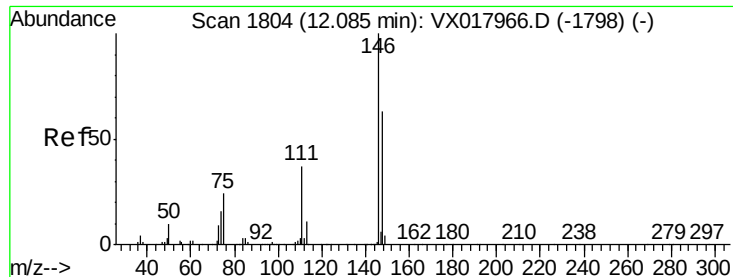


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

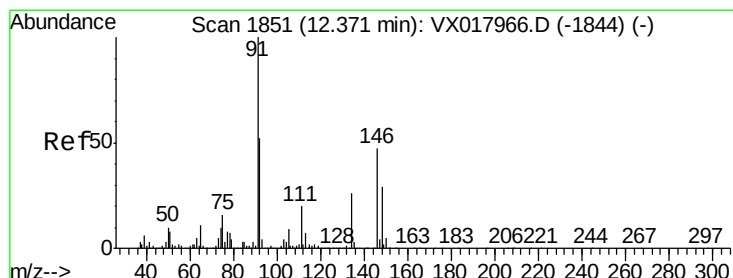
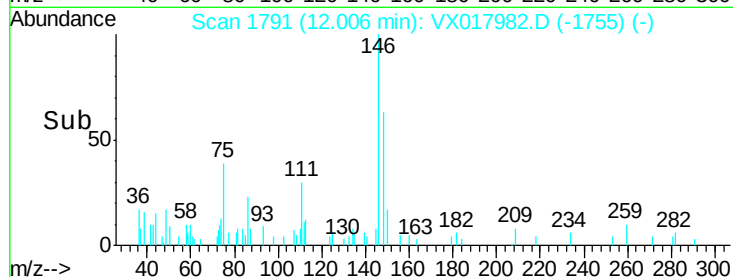
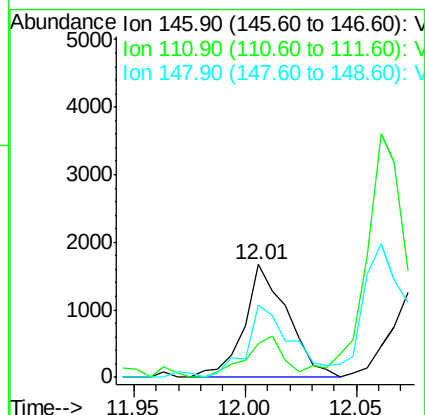
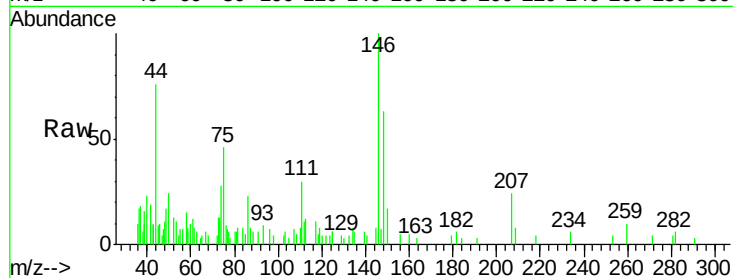




#88
 1,4-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.08 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

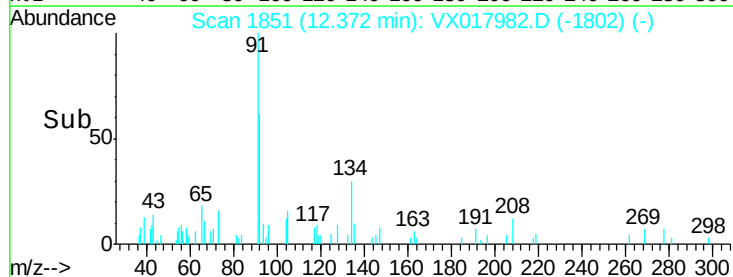
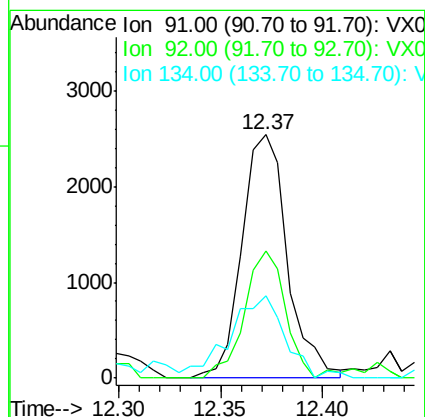
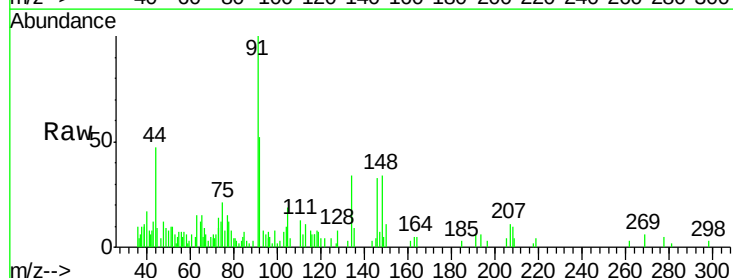
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

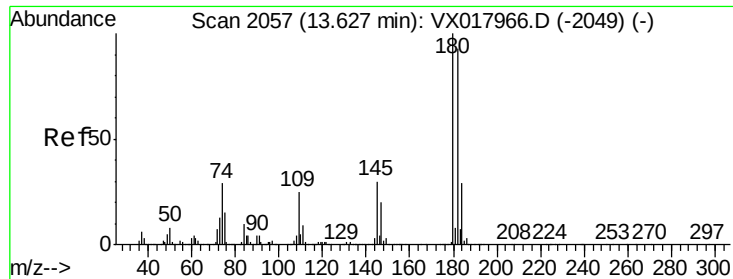
Tgt Ion: 146 Resp: 2266
 Ion Ratio Lower Upper
 146 100
 111 31.7 19.7 59.1
 148 65.6 31.9 95.7



#89
 n-Butylbenzene
 Concen: 0.254 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion: 91 Resp: 3939
 Ion Ratio Lower Upper
 91 100
 92 46.6 25.7 77.0
 134 41.7 13.4 40.2#

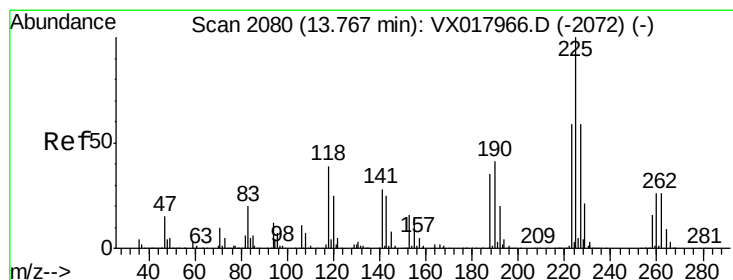
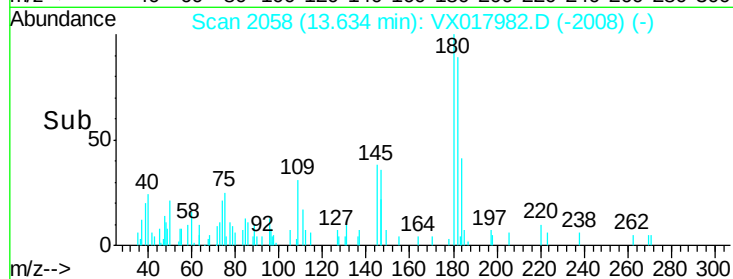
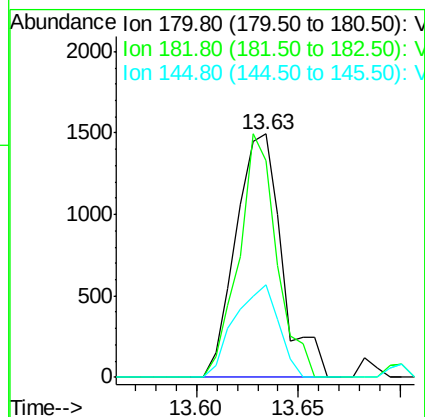
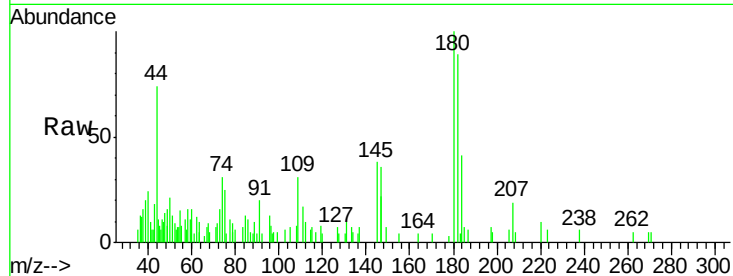




#93
 1,2,4-Trichlorobenzene
 Concen: 0.380 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

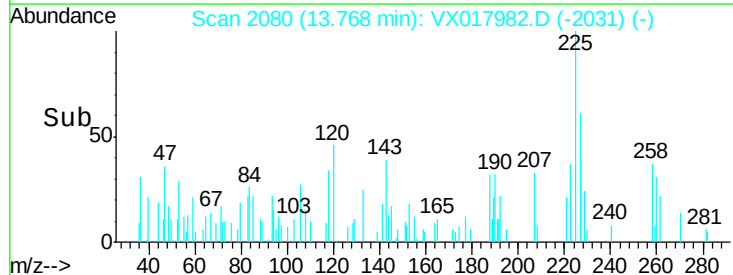
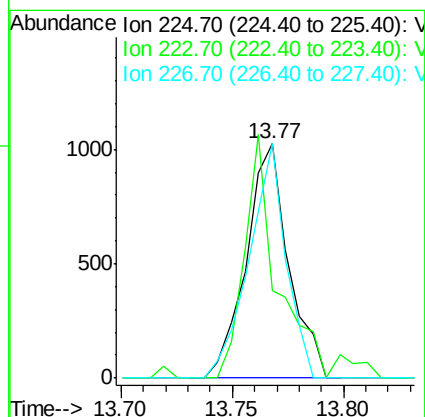
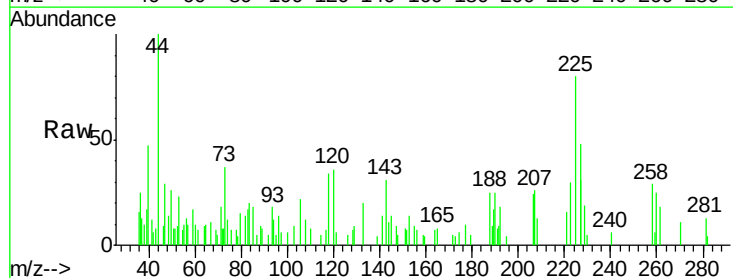
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

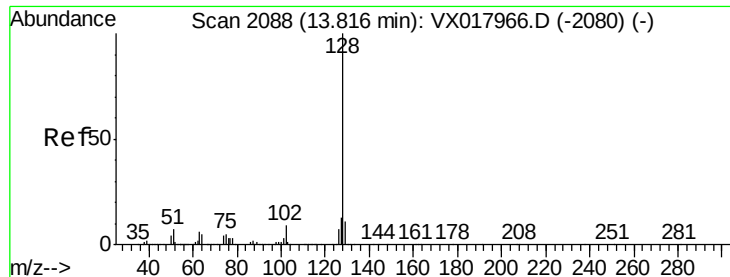
Tgt Ion:180 Resp: 2347
 Ion Ratio Lower Upper
 180 100
 182 82.4 48.8 146.4
 145 36.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 0.517 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion:225 Resp: 1363
 Ion Ratio Lower Upper
 225 100
 223 85.9 32.1 96.3
 227 86.9 29.8 89.5





#95

Naphthalene

Concen: 0.333 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

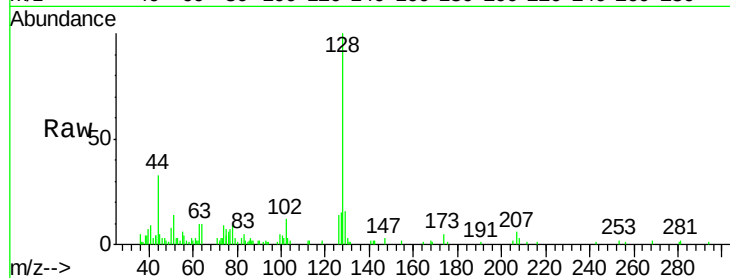
Tgt Ion:128 Resp: 6492

Ion Ratio Lower Upper

128 100

127 14.9 10.7 16.1

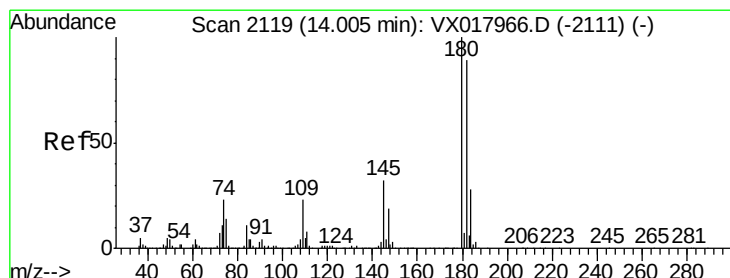
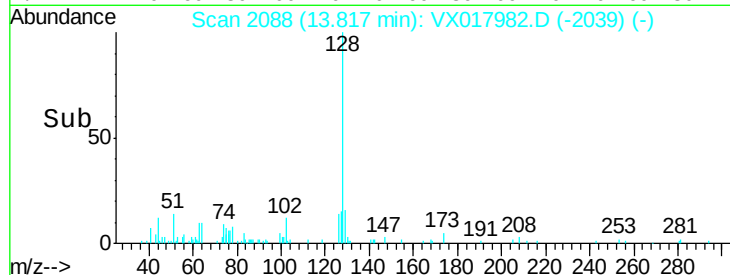
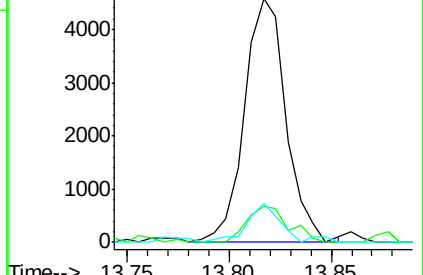
129 13.6 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.347 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

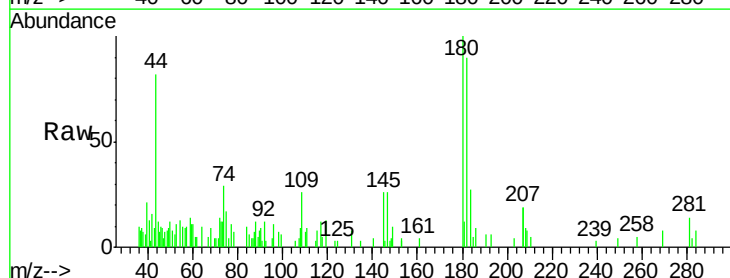
Tgt Ion:180 Resp: 2179

Ion Ratio Lower Upper

180 100

182 72.5 46.6 139.8

145 34.6 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

