

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017994.D
 Acq On : 19 Aug 2020 18:45
 Operator : JC/SP
 Sample : L3718-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 20 04:21:53 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	5.64	168	439327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	690719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	288267	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	231511	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
50) Toluene-d8	8.70	98	786127	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.12	95	327905	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	313531	47.282	ug/l	93
3) Chloromethane	1.31	50	311124	51.784	ug/l	100
4) Vinyl Chloride	1.39	62	304668	49.024	ug/l	99
5) Bromomethane	1.62	94	186682	55.524	ug/l	97
6) Chloroethane	1.71	64	171974	52.195	ug/l	100
7) Trichlorofluoromethane	1.92	101	468191	50.891	ug/l	99
8) Diethyl Ether	2.17	74	128559	47.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207942	48.058	ug/l	98
10) Methyl Iodide	2.49	142	229954	41.213	ug/l	99
11) Tert butyl alcohol	3.02	59	283250	227.796	ug/l	99
12) 1,1-Dichloroethene	2.36	96	191381	48.330	ug/l	94
13) Acrolein	2.28	56	36751	55.951	ug/l	99
14) Allyl chloride	2.71	41	334511	47.364	ug/l	100
15) Acrylonitrile	3.12	53	699012	257.414	ug/l	99
16) Acetone	2.42	43	627442	247.644	ug/l	100
17) Carbon Disulfide	2.55	76	487828	50.774	ug/l	99
18) Methyl Acetate	2.75	43	300161	47.081	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	803700	53.086	ug/l	100
20) Methylene Chloride	2.84	84	226035	48.422	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	204050	50.124	ug/l	90
22) Diisopropyl ether	3.83	45	791596	53.468	ug/l	99
23) Vinyl Acetate	3.79	43	2784442	246.107	ug/l	99
24) 1,1-Dichloroethane	3.67	63	424650	51.741	ug/l	97
25) 2-Butanone	4.64	43	952133	248.226	ug/l	97
26) 2,2-Dichloropropane	4.55	77	336086	44.969	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	263408	54.851	ug/l	98
28) Bromochloromethane	4.98	49	192245	45.326	ug/l	99
29) Tetrahydrofuran	5.09	42	615345	258.305	ug/l	100
30) Chloroform	5.18	83	439877	49.035	ug/l	99
31) Cyclohexane	5.55	56	345425	51.903	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	405189	49.791	ug/l	99
36) 1,1-Dichloropropene	5.77	75	284380	49.189	ug/l	98
37) Ethyl Acetate	4.80	43	308679	44.624	ug/l	99
38) Carbon Tetrachloride	5.76	117	370130	49.467	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351736	47.543	ug/l	94
40) Benzene	6.12	78	872830	50.125	ug/l	100
41) Methacrylonitrile	5.01	41	203454	51.316	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362702	49.037	ug/l	100
43) Isopropyl Acetate	6.42	43	539289	48.295	ug/l	99
44) Trichloroethene	7.19	130	259336	50.222	ug/l	94
45) 1,2-Dichloropropane	7.49	63	234571	47.016	ug/l	96
46) Dibromomethane	7.64	93	166081	47.697	ug/l	97
47) Bromodichloromethane	7.88	83	362376	47.939	ug/l	99
48) Methyl methacrylate	7.75	41	278389	50.290	ug/l	97
49) 1,4-Dioxane	7.71	88	98006	864.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1765240	234.792	ug/l	100
52) Toluene	8.77	92	583562	51.224	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	414305	51.821	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	386665	46.385	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	256142	48.941	ug/l	98
56) Ethyl methacrylate	9.16	69	380210	51.381	ug/l	96
57) 1,3-Dichloropropane	9.35	76	403123	48.499	ug/l	99
59) 2-Hexanone	9.48	43	1444660	253.586	ug/l	99
60) Dibromochloromethane	9.57	129	325636	49.818	ug/l	99
61) 1,2-Dibromoethane	9.65	107	261868	45.172	ug/l	98
64) Tetrachloroethene	9.32	164	225683	47.408	ug/l	93
65) Chlorobenzene	10.12	112	624713	50.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	265887	50.799	ug/l	99
67) Ethyl Benzene	10.24	91	1097391	53.799	ug/l	99
68) m/p-Xylenes	10.34	106	846004	107.731	ug/l	98
69) o-Xylene	10.68	106	444545	58.704	ug/l	97
70) Styrene	10.70	104	762355	58.353	ug/l	99
71) Bromoform	10.84	173	255630	54.414	ug/l #	100
73) Isopropylbenzene	11.01	105	1163123	55.686	ug/l	100
74) N-amyl acetate	10.88	43	509188	54.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365642	50.182	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	463402	67.149	ug/l	84
77) Bromobenzene	11.24	156	303271	52.333	ug/l	99
78) n-propylbenzene	11.35	91	1297475	53.110	ug/l	99
79) 2-Chlorotoluene	11.41	91	787956	52.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	969067	52.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	138866	52.863	ug/l	98
82) 4-Chlorotoluene	11.49	91	933511	53.319	ug/l	100
83) tert-Butylbenzene	11.76	119	973924	56.249	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1003801	52.885	ug/l	100
85) sec-Butylbenzene	11.93	105	1097965	52.531	ug/l	100
86) p-Isopropyltoluene	12.05	119	1056494	54.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	537647	50.975	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	536984	51.968	ug/l	98
89) n-Butylbenzene	12.37	91	886910	55.116	ug/l	98
90) Hexachloroethane	12.58	117	216457	55.977	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	528413	54.271	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105986	57.102	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	341645	53.337	ug/l	99

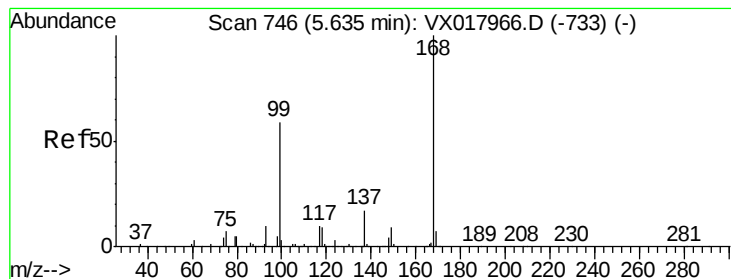
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Quant Time: Aug 20 04:21:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	141628	51.811	ug/l	95
95) Naphthalene	13.82	128	1134953	56.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	341763	52.471	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

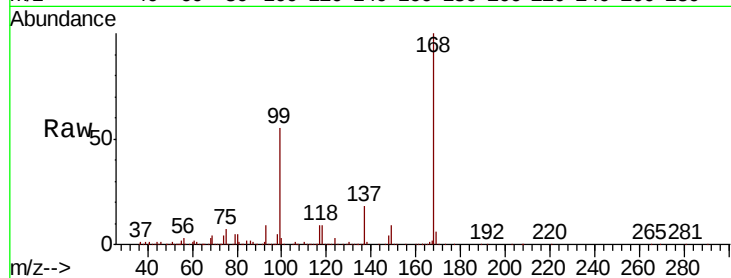
BP-VPB181-GW-258-260MSD

Tot Ion:168 Resp: 439327

Ion Ratio Lower Upper

168 100

99 55.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

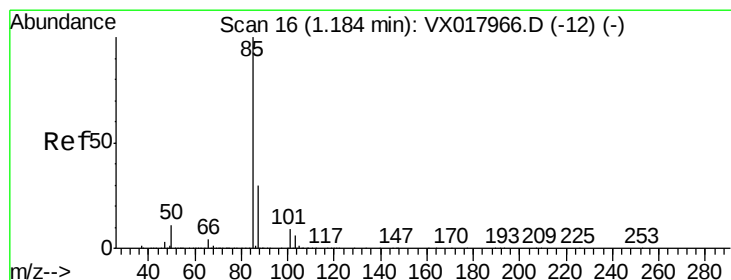
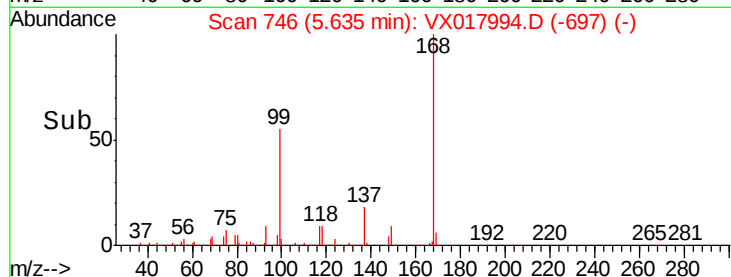
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.282 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017994.D

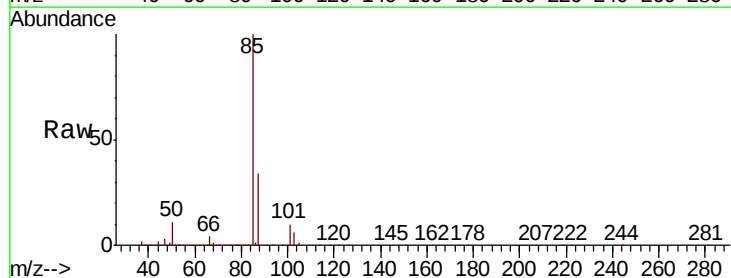
Acq: 19 Aug 2020 18:45

Tgt Ion: 85 Resp: 313531

Ion Ratio Lower Upper

85 100

87 34.1 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

400000

300000

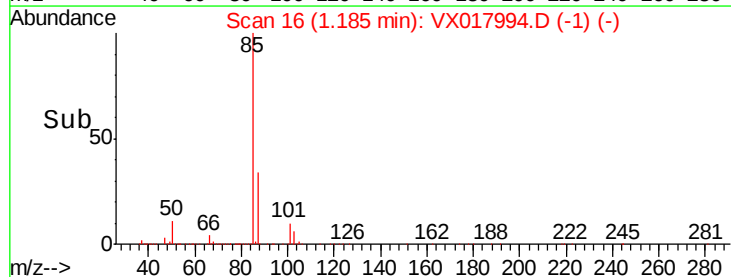
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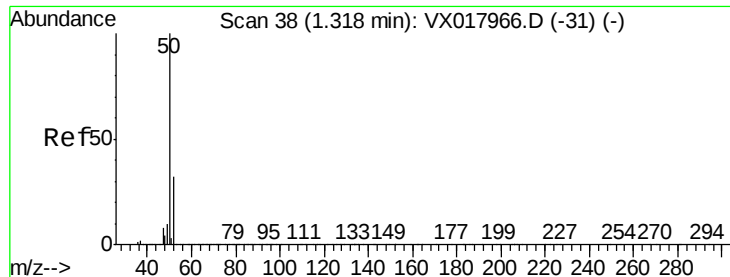
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Time-->

1.10 1.15 1.20 1.25 1.30

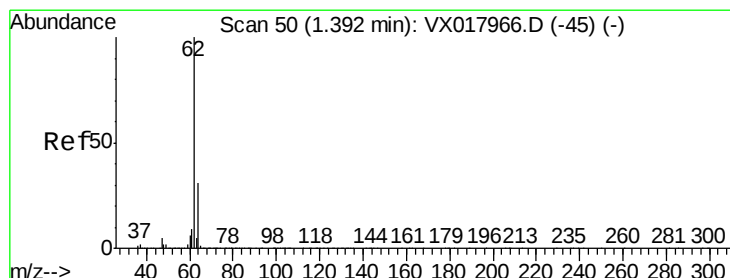
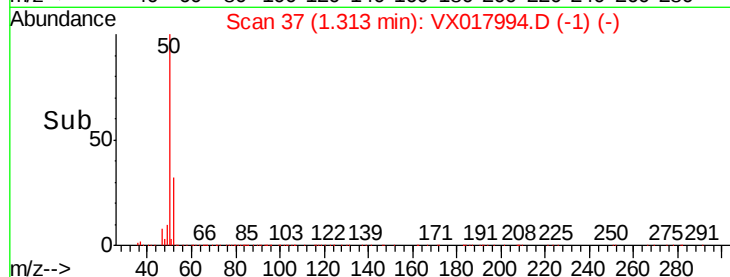
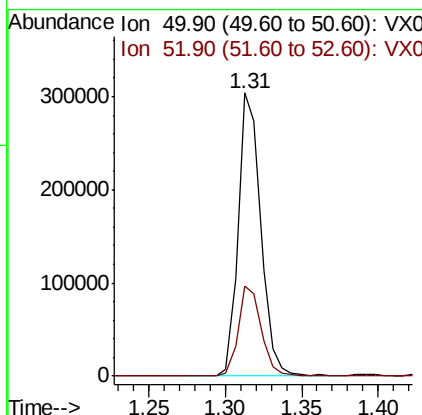
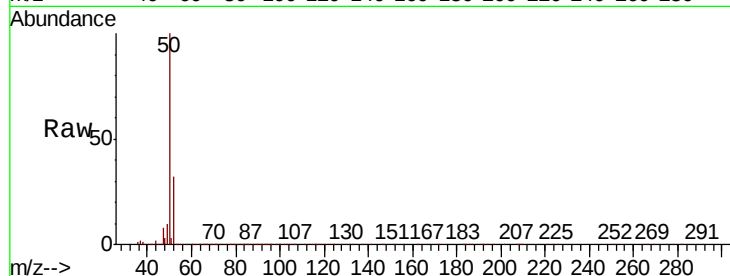




#3
Chloromethane
Concen: 51.784 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

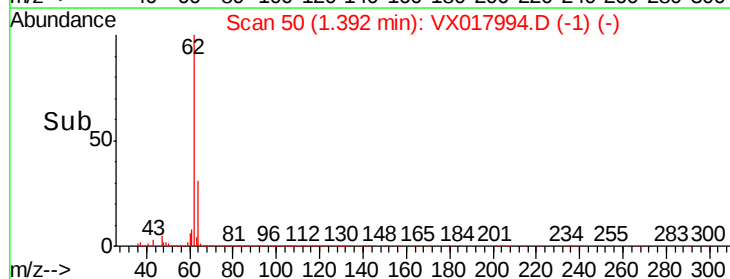
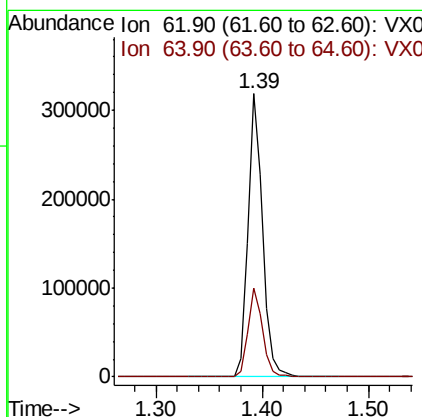
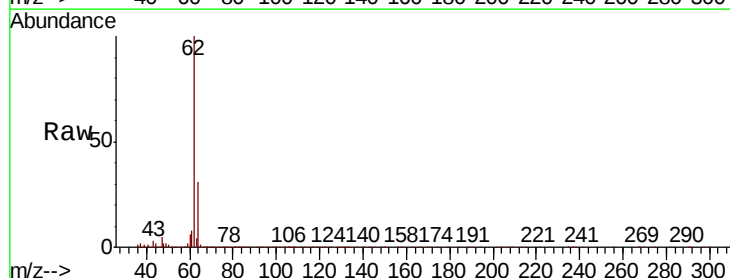
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

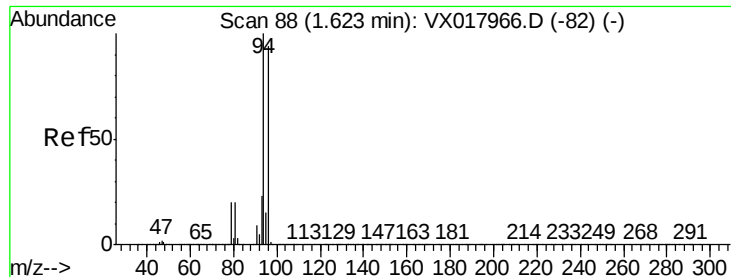
Tot Ion: 50 Resp: 311124
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0



#4
Vinyl Chloride
Concen: 49.024 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 62 Resp: 304668
Ion Ratio Lower Upper
62 100
64 31.4 24.7 37.1





#5

Bromomethane

Concen: 55.524 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

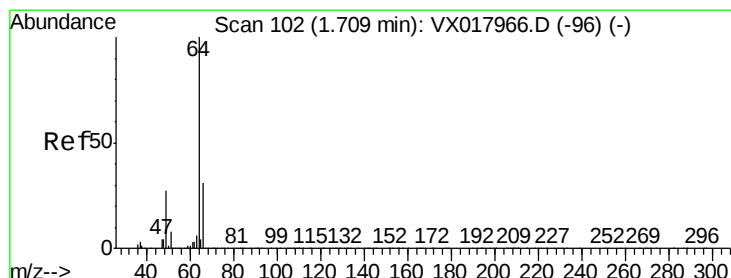
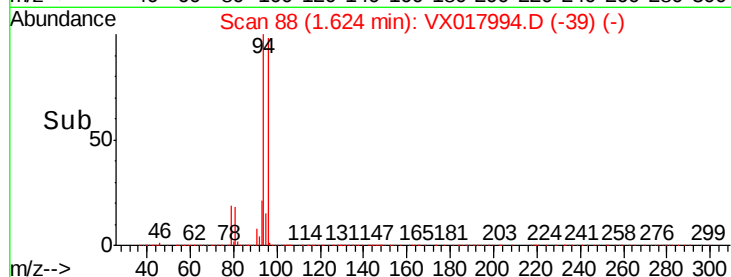
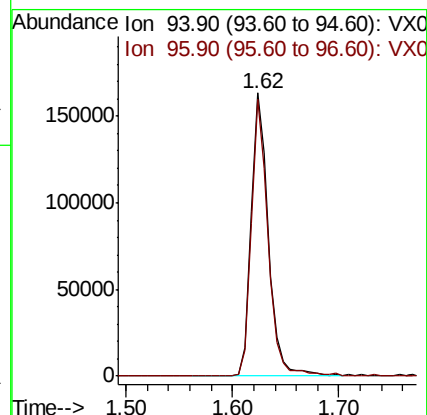
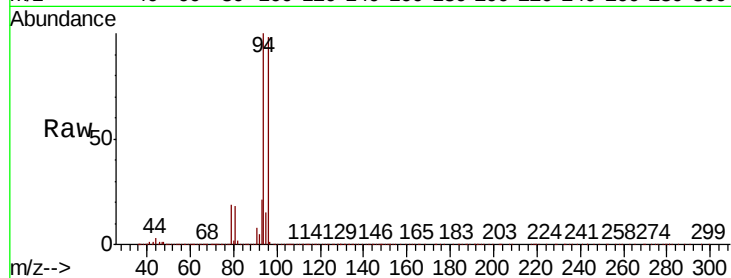
BP-VPB181-GW-258-260MSD

Tot Ion: 94 Resp: 186682

Ion Ratio Lower Upper

94 100

96 97.6 75.5 113.3



#6

Chloroethane

Concen: 52.195 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017994.D

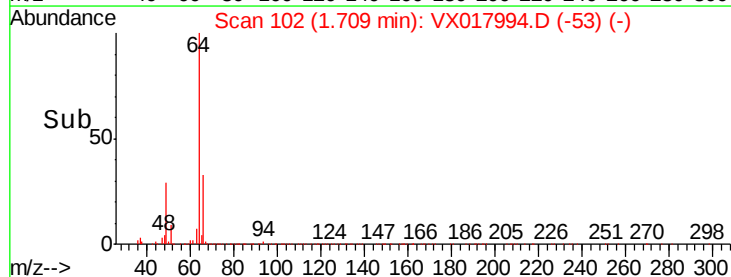
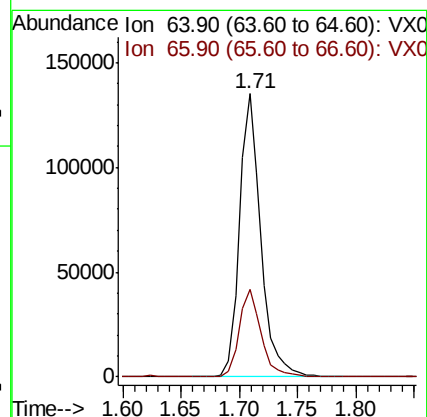
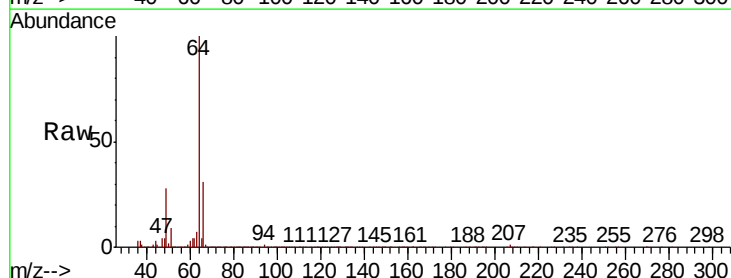
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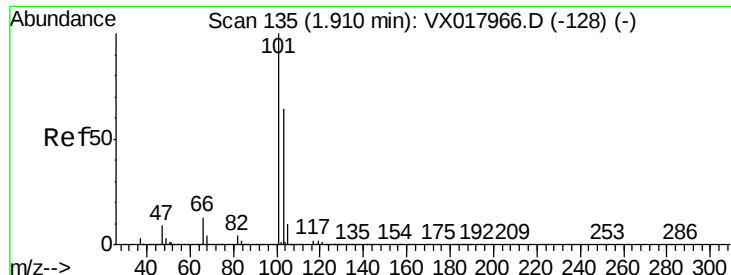
Tgt Ion: 64 Resp: 171974

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.4



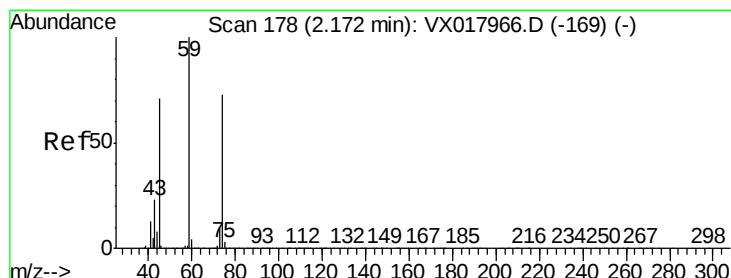
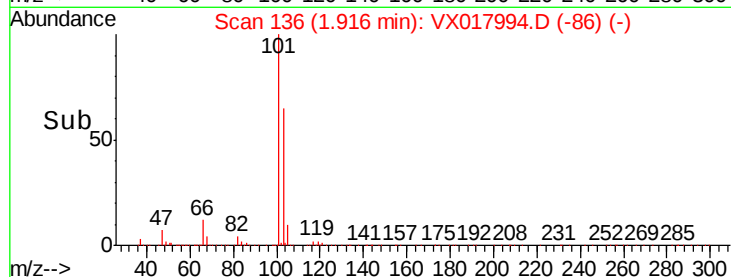
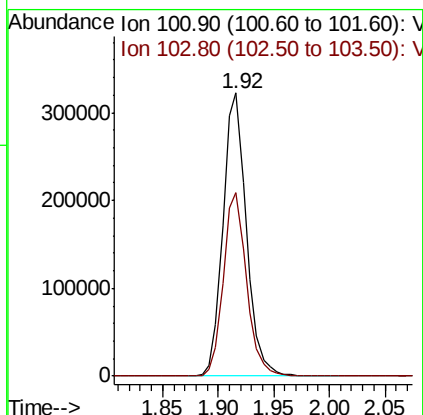
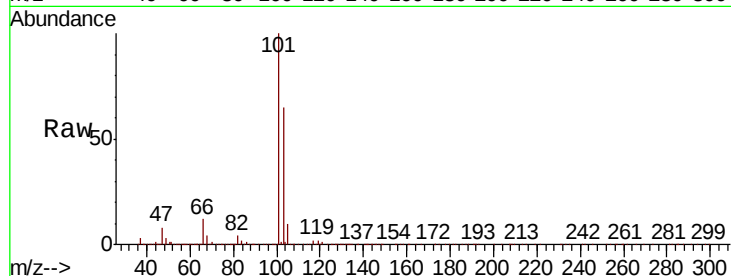


#7

Trichlorofluoromethane
Concen: 50.891 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017994.D
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ClientSampleId :
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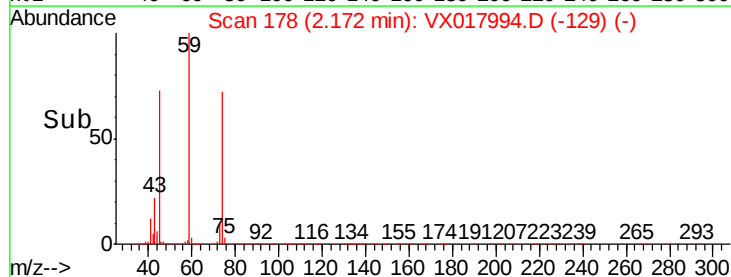
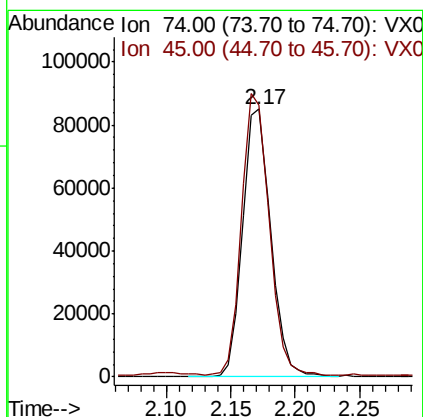
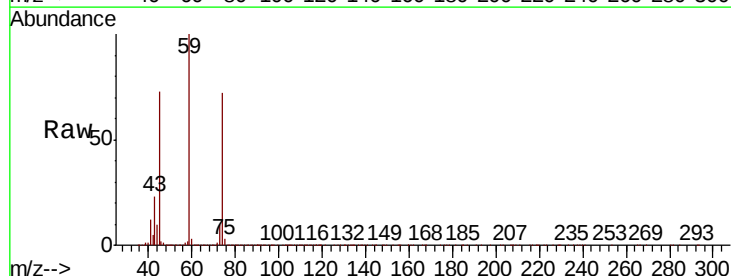
Tot Ion:101 Resp: 468191
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

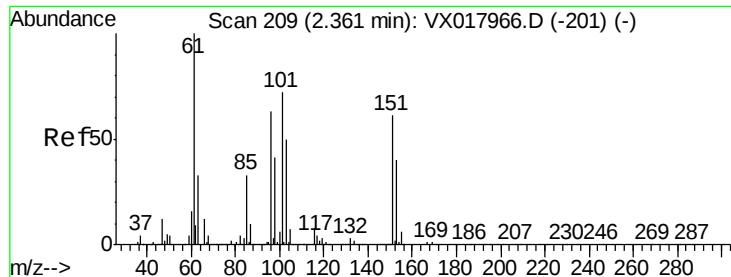


#8

Diethyl Ether
Concen: 47.948 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 74 Resp: 128559
Ion Ratio Lower Upper
74 100
45 101.9 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.058 ug/l

RT: 2.37 min Scan# 210

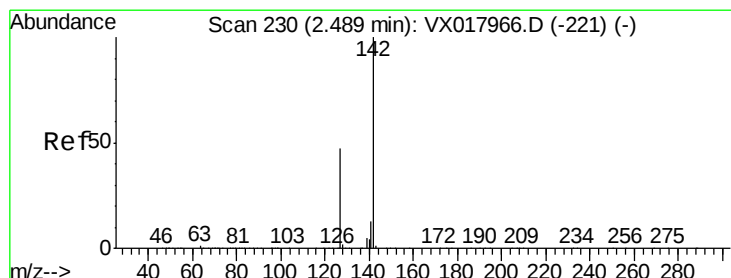
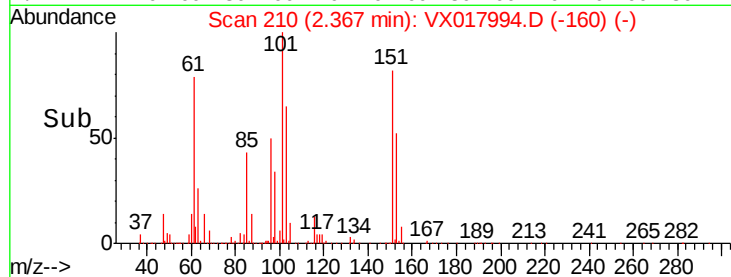
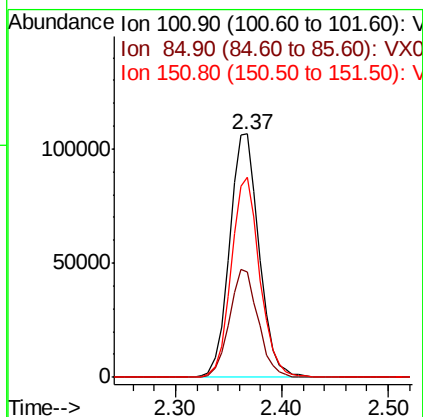
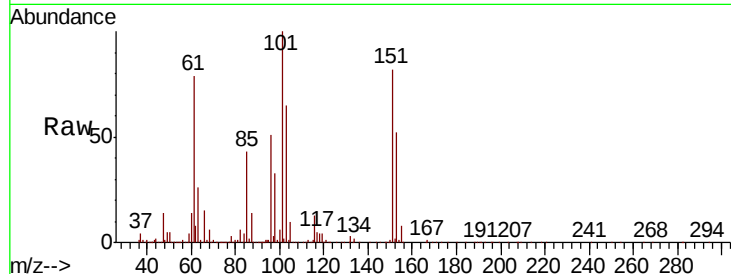
Delta R.T. 0.01 min

Lab File: VX017994.D

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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.2
151	79.3	65.4	98.0



#10

Methyl Iodide

Concen: 41.213 ug/l

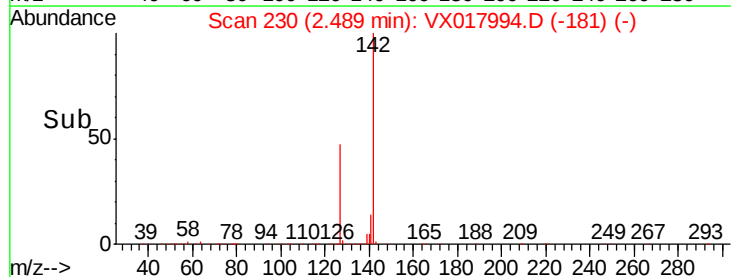
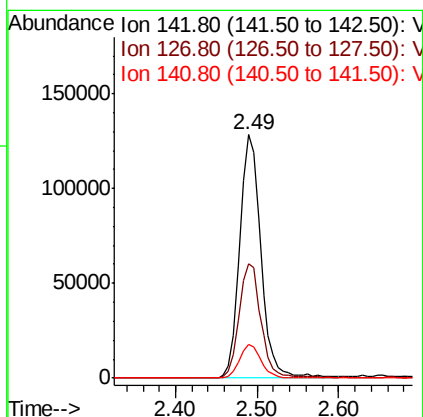
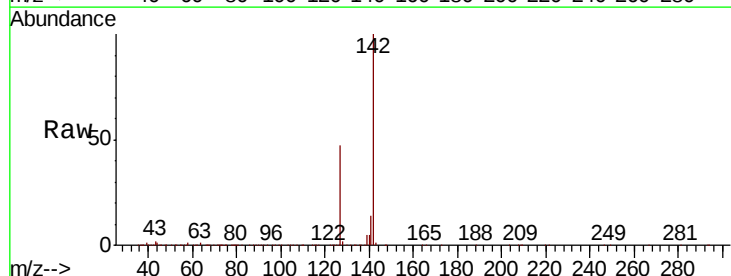
RT: 2.49 min Scan# 230

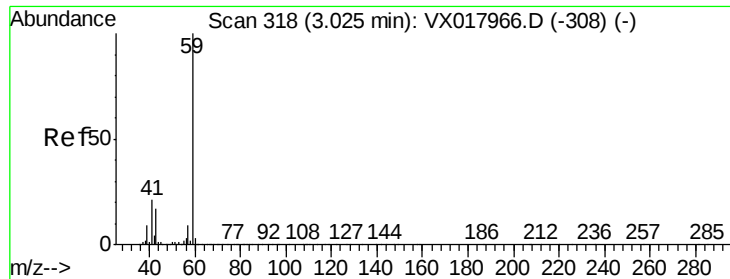
Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.4	38.0	57.0
141	14.1	11.2	16.8

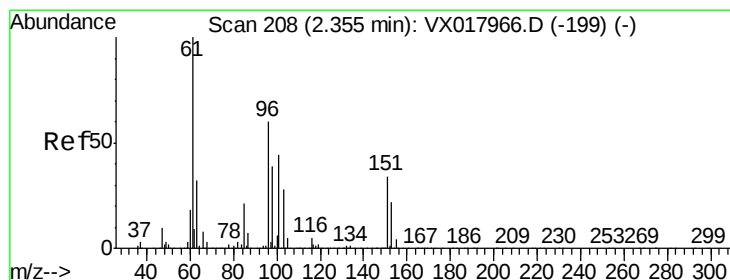
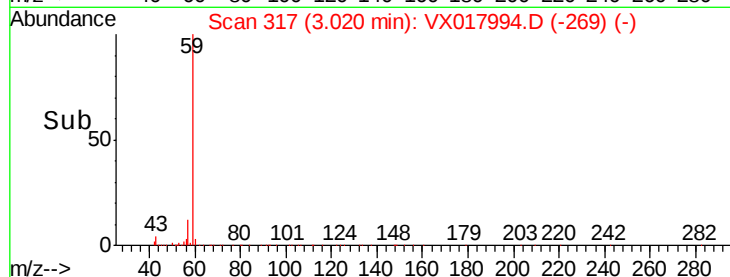
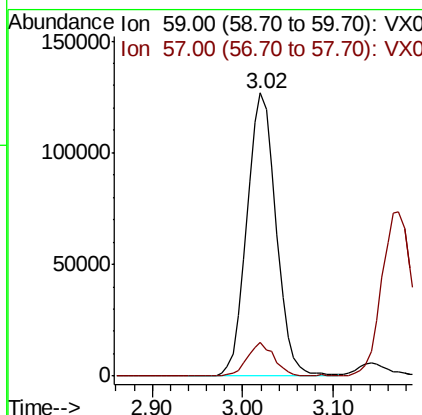
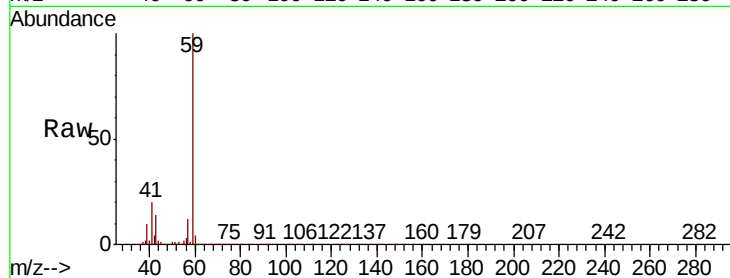




#11
Tert butyl alcohol
Concen: 227.796 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

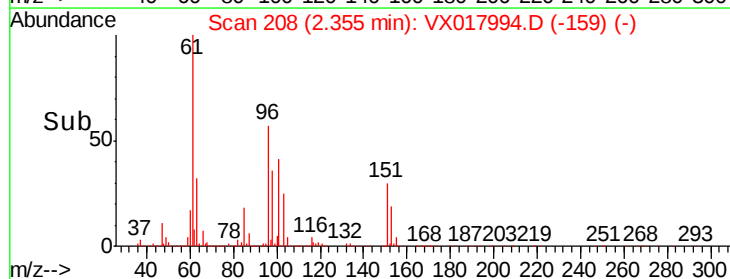
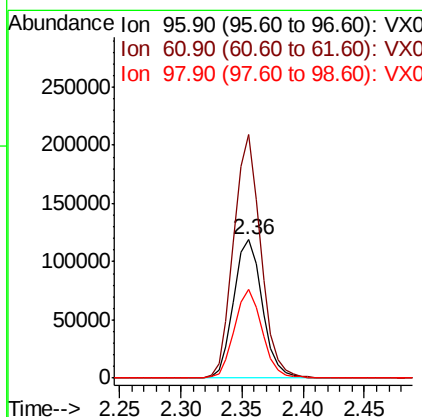
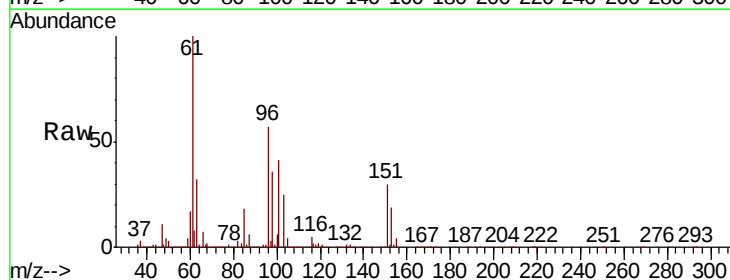
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

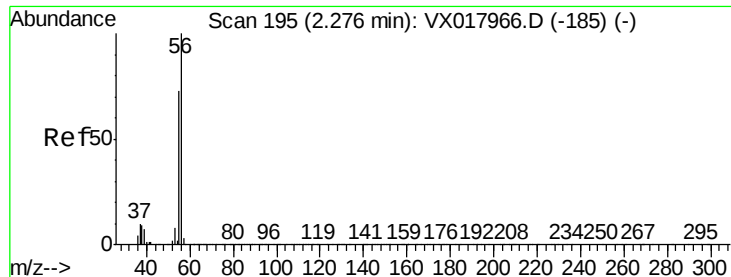
Tot Ion: 59 Resp: 283250
Ion Ratio Lower Upper
59 100
57 11.1 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.330 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 96 Resp: 191381
Ion Ratio Lower Upper
96 100
61 176.3 132.9 199.3
98 63.8 51.6 77.4





#13

Acrolein

Concen: 55.951 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

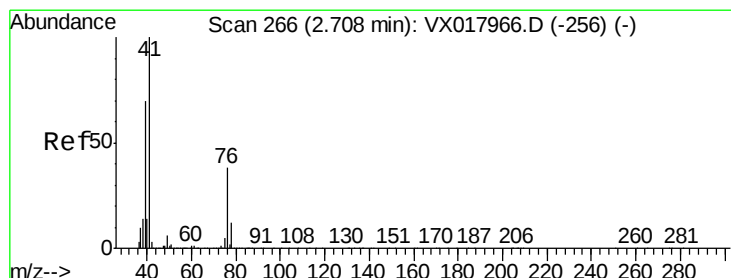
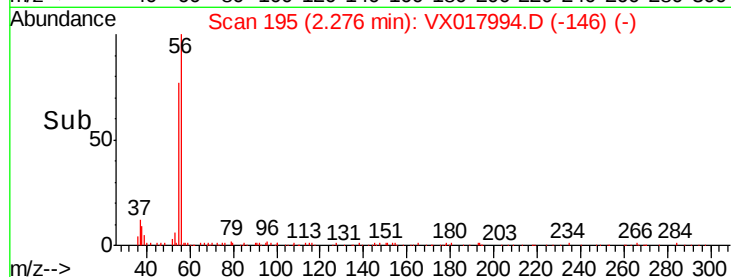
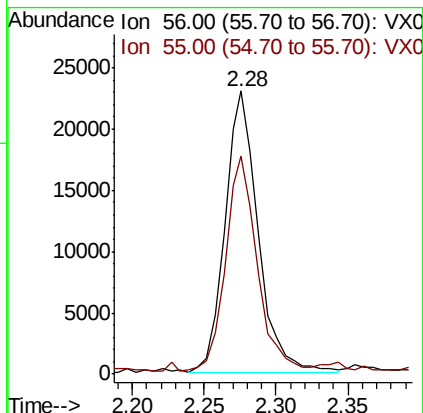
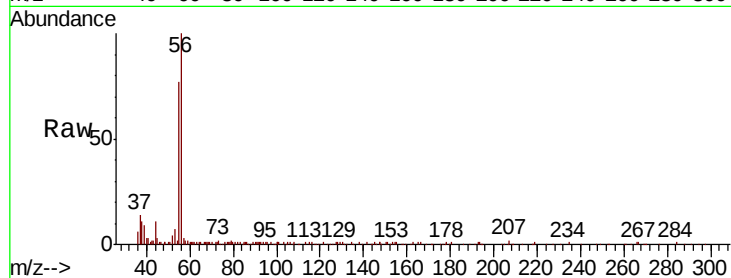
BP-VPB181-GW-258-260MSD

Tot Ion: 56 Resp: 36751

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4



#14

Allyl chloride

Concen: 47.364 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

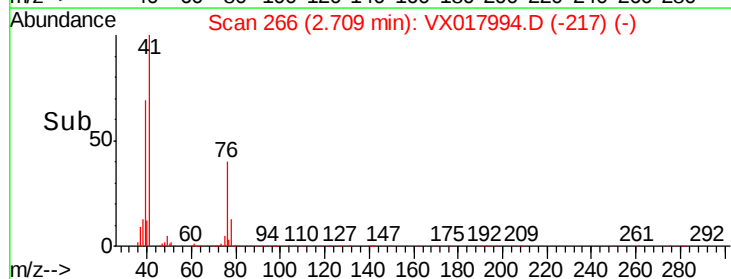
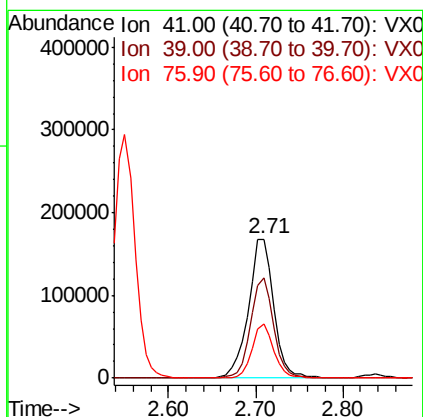
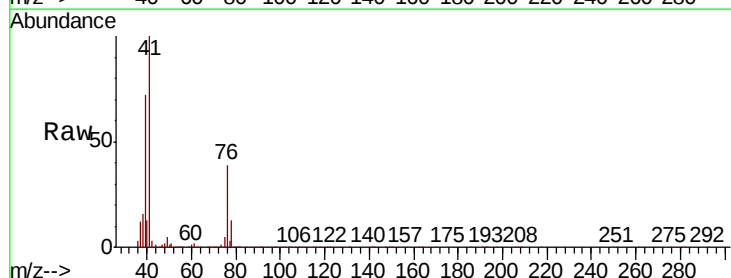
Tgt Ion: 41 Resp: 334511

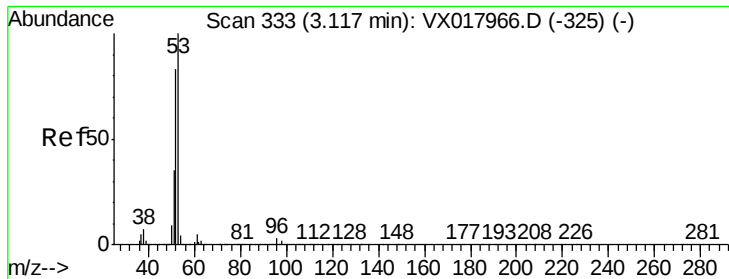
Ion Ratio Lower Upper

41 100

39 64.9 51.7 77.5

76 33.4 26.3 39.5





#15

Acrylonitrile

Concen: 257.414 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

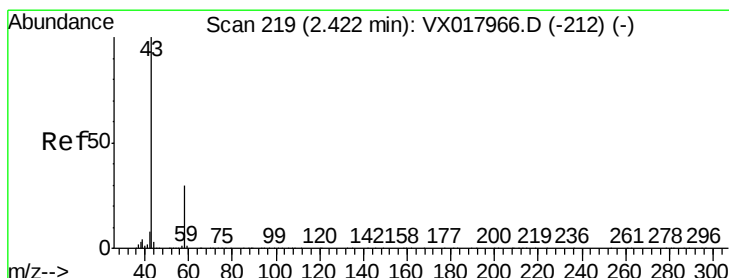
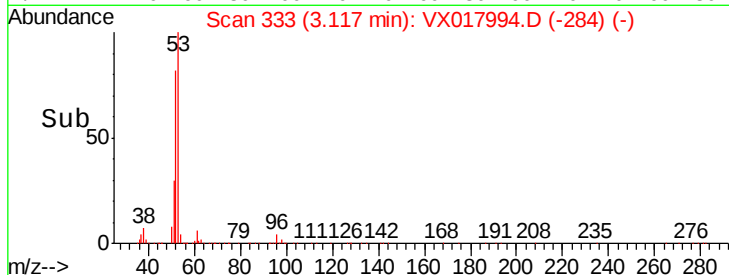
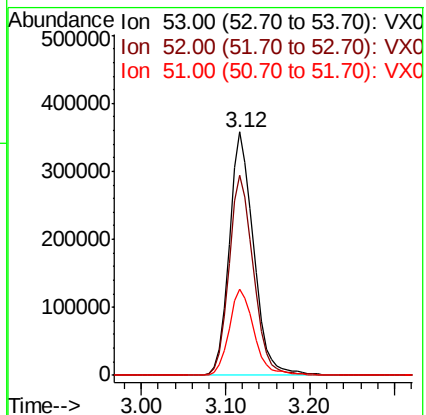
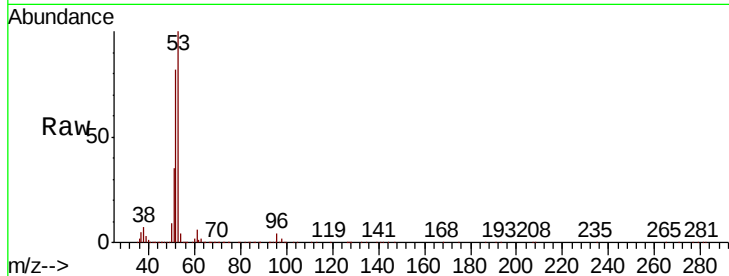
Tot Ion: 53 Resp: 699012

Ion Ratio Lower Upper

53 100

52 82.8 67.1 100.7

51 36.2 29.2 43.8



#16

Acetone

Concen: 247.644 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017994.D

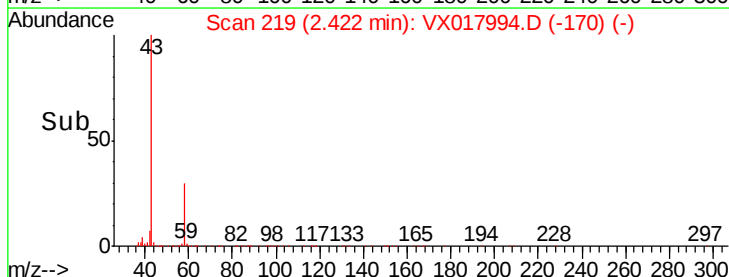
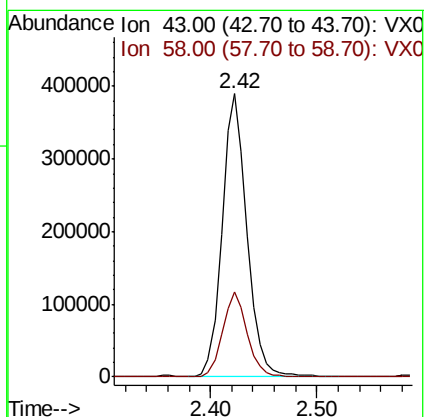
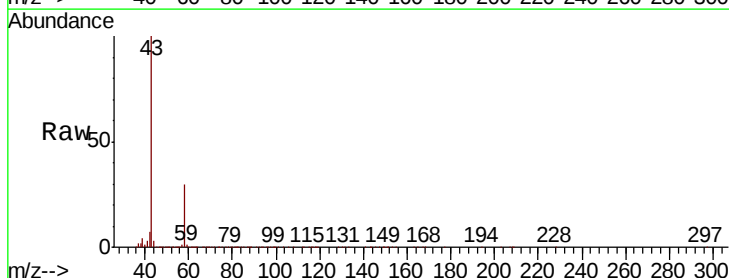
Acq: 19 Aug 2020 18:45

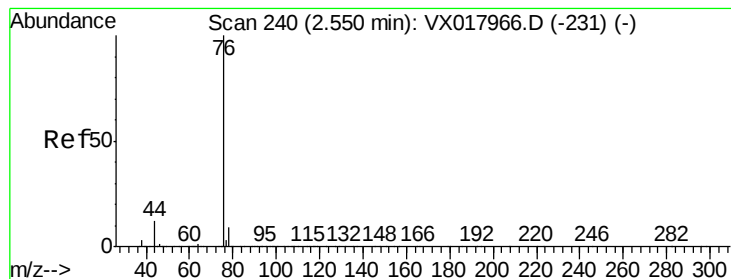
Tgt Ion: 43 Resp: 627442

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.8





#17

Carbon Disulfide

Concen: 50.774 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

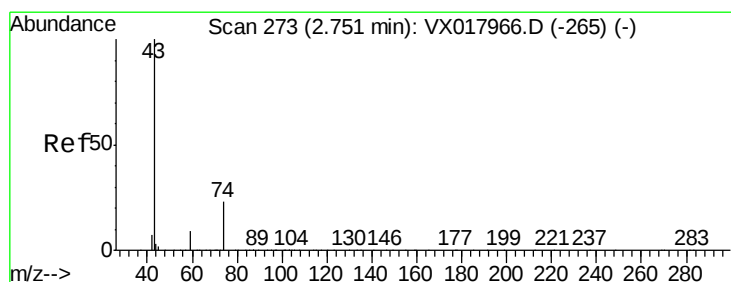
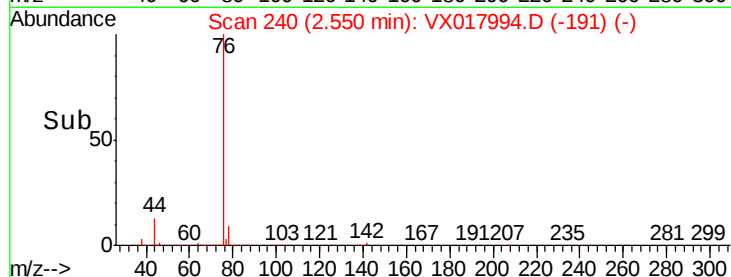
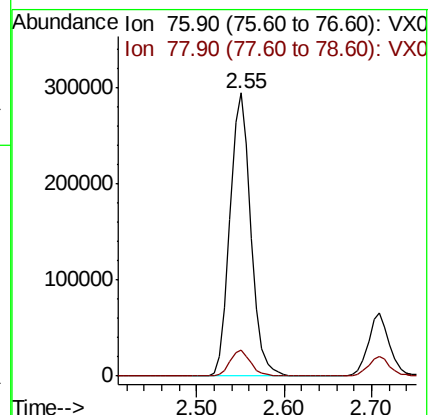
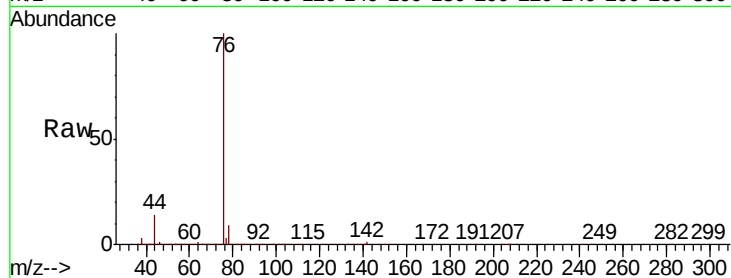
BP-VPB181-GW-258-260MSD

Tot Ion: 76 Resp: 487828

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 47.081 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017994.D

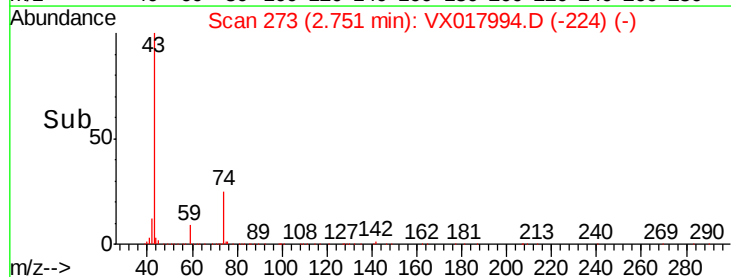
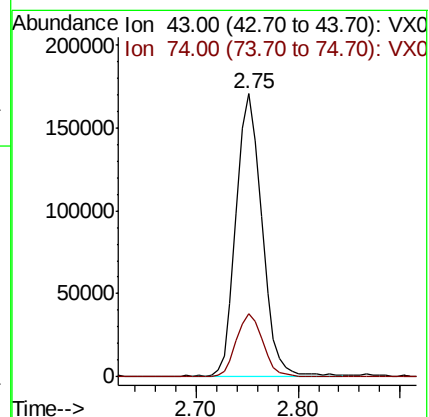
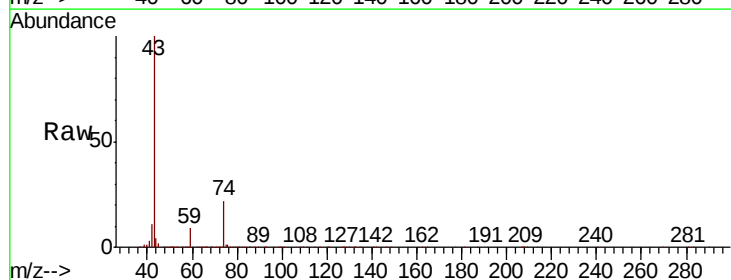
Acq: 19 Aug 2020 18:45

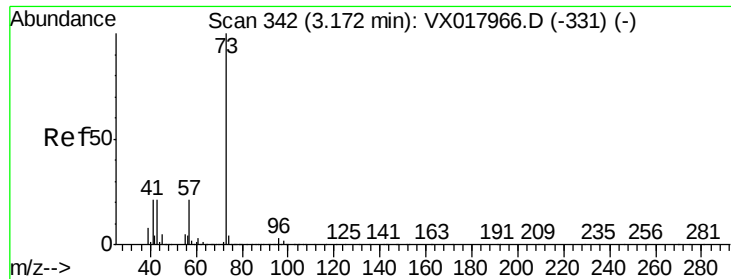
Tgt Ion: 43 Resp: 300161

Ion Ratio Lower Upper

43 100

74 22.5 19.7 29.5

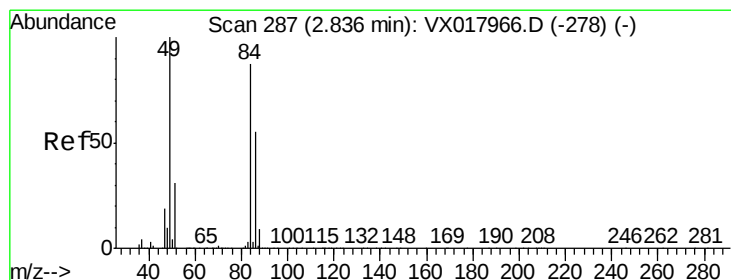
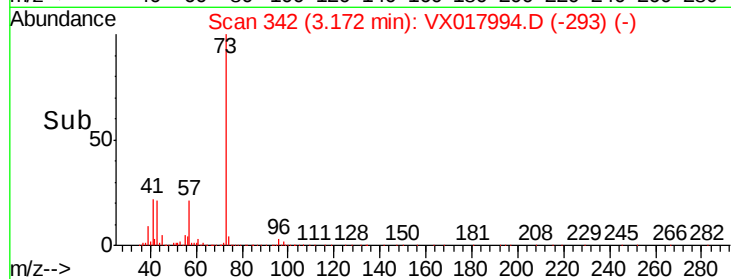
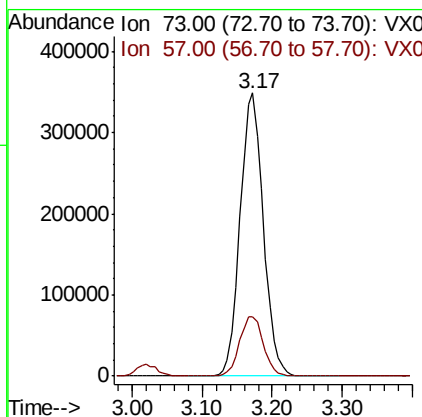
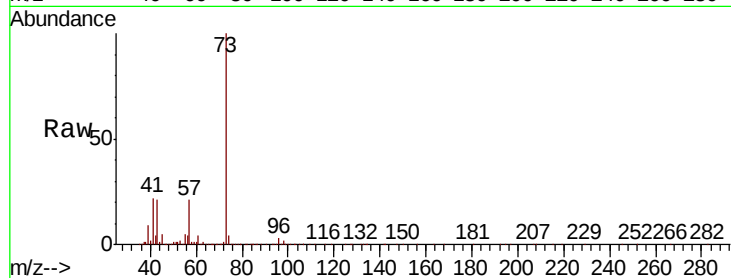




#19
Methyl tert-butyl Ether
Concen: 53.086 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

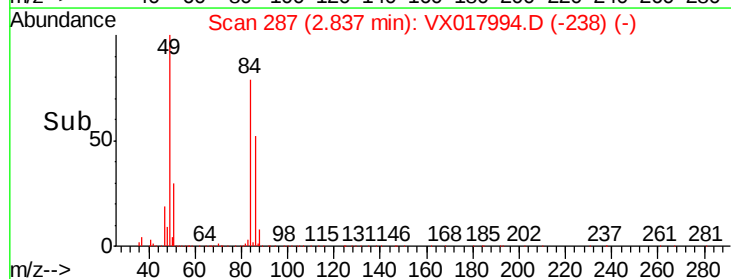
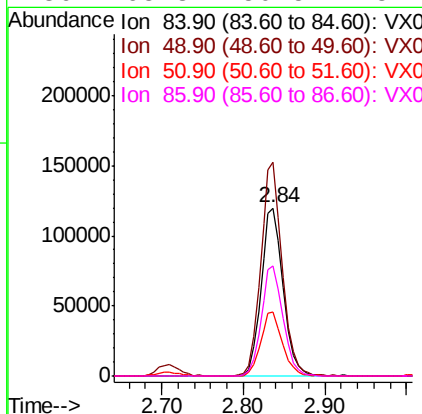
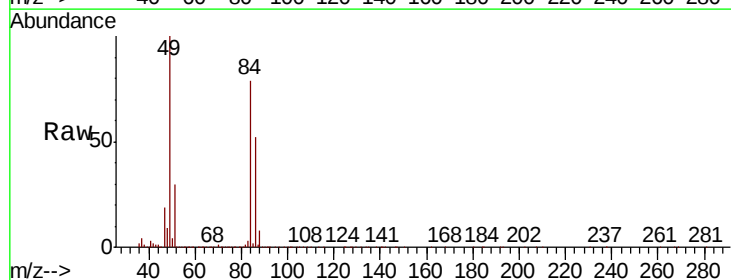
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

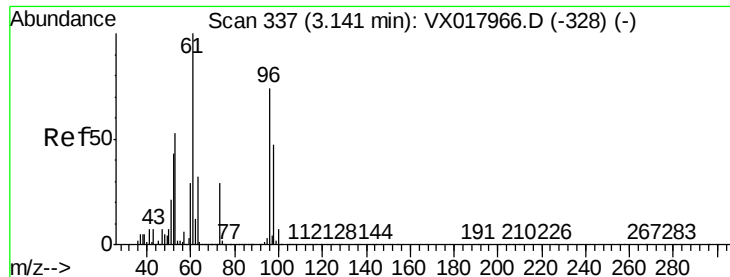
Tot Ion: 73 Resp: 803700
Ion Ratio Lower Upper
73 100
57 21.0 16.9 25.3



#20
Methylene Chloride
Concen: 48.422 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 84 Resp: 226035
Ion Ratio Lower Upper
84 100
49 126.6 91.8 137.6
51 37.5 27.8 41.8
86 65.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

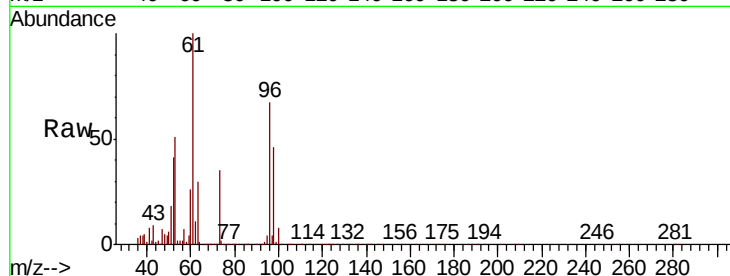
Tot Ion: 96 Resp: 204050

Ion Ratio Lower Upper

96 100

61 149.8 108.6 163.0

98 68.7 51.4 77.0

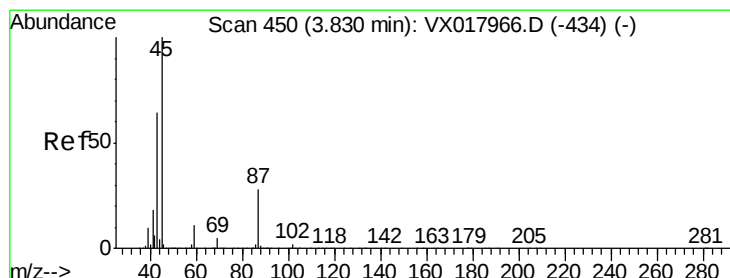
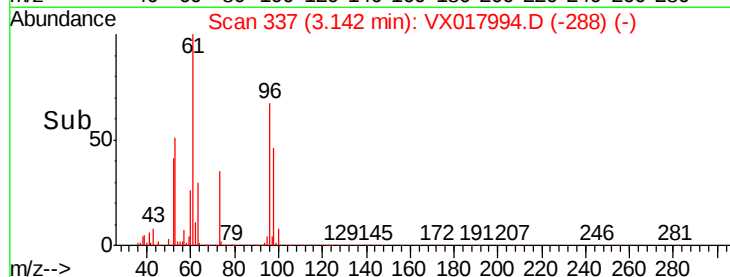
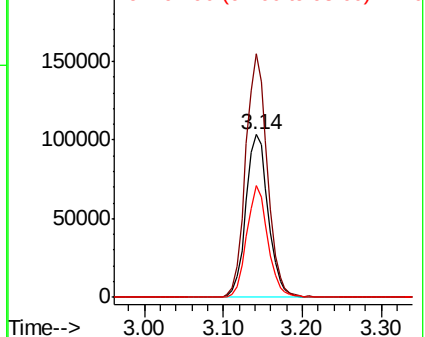


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.468 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Tgt Ion: 45 Resp: 791596

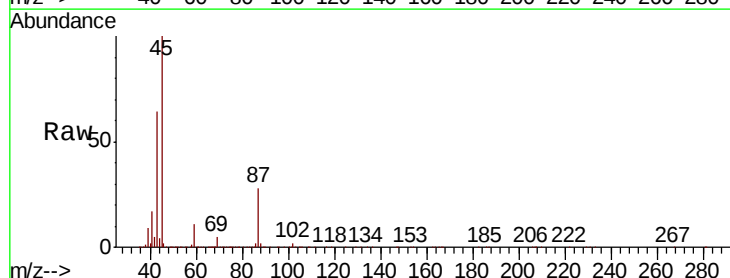
Ion Ratio Lower Upper

45 100

43 63.5 51.5 77.3

87 28.5 22.6 33.8

59 11.1 9.0 13.4



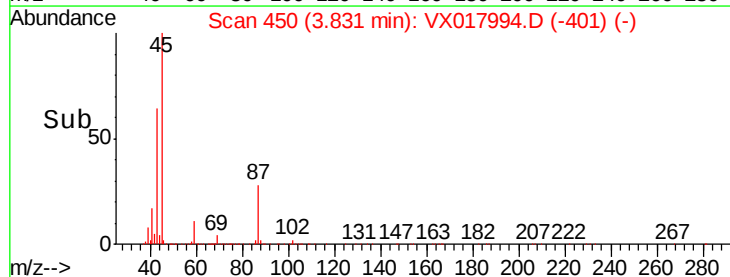
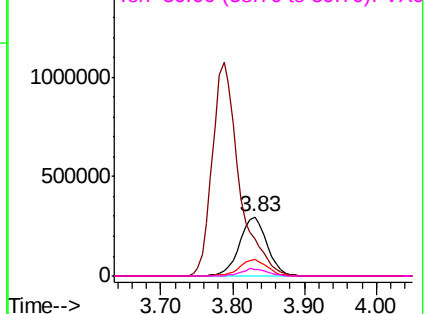
Abundance

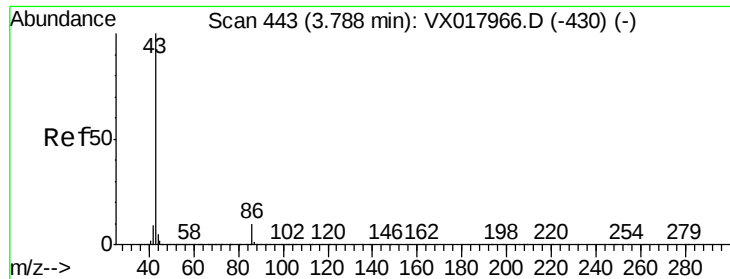
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.107 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

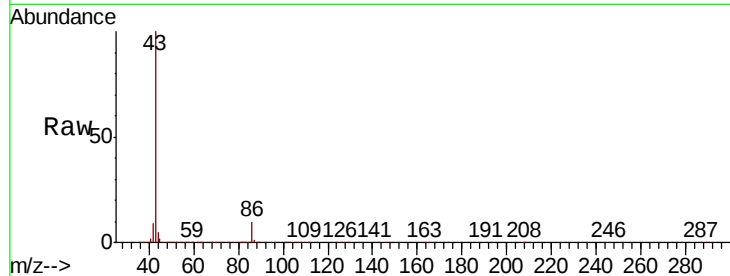
BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 2784442

Ion Ratio Lower Upper

43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

1200000

1000000

800000

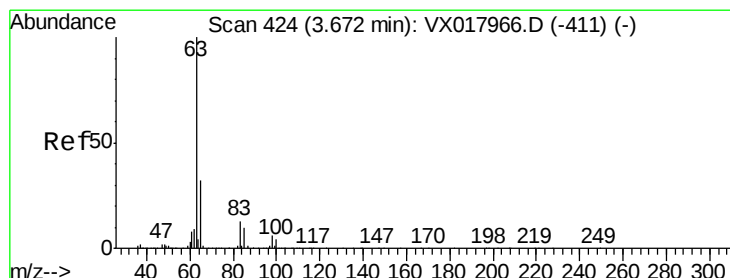
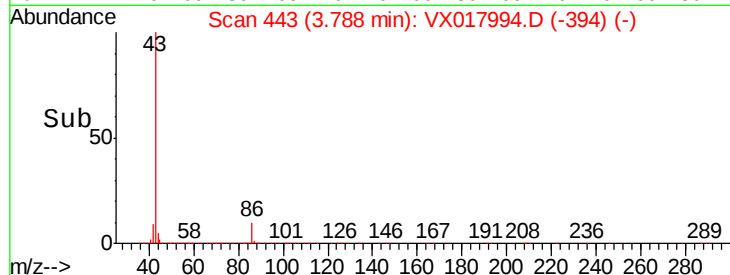
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.741 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

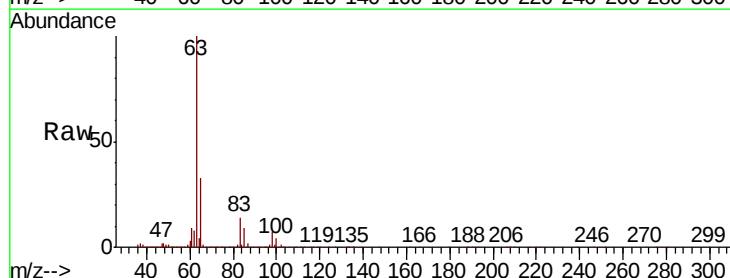
Tgt Ion: 63 Resp: 424650

Ion Ratio Lower Upper

63 100

98 7.4 3.0 9.0

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

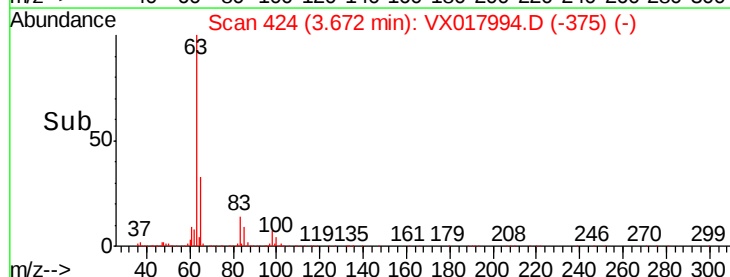
150000

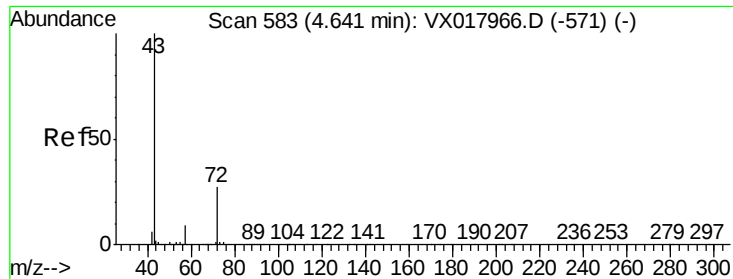
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 248.226 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

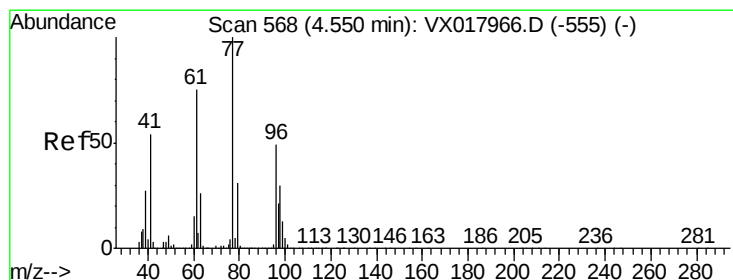
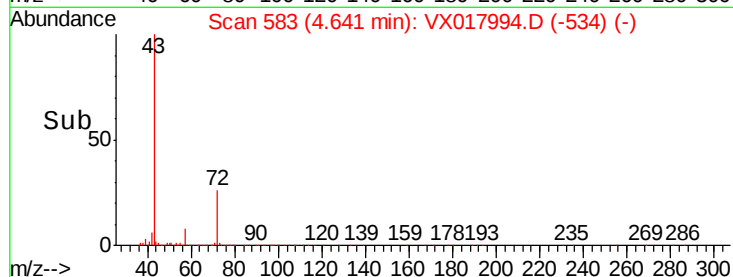
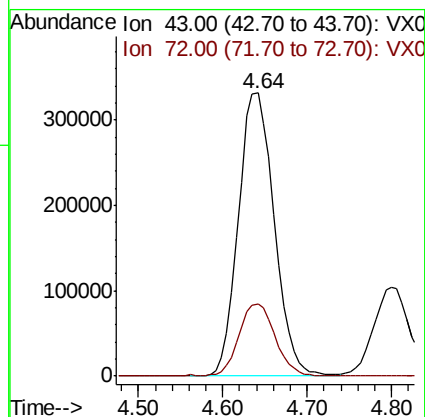
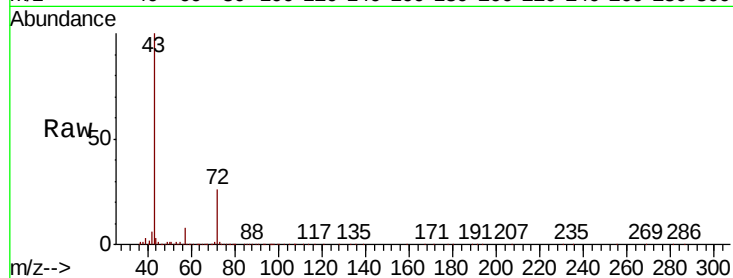
BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 952133

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 44.969 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017994.D

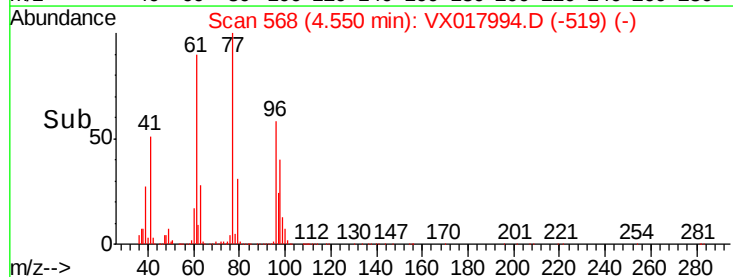
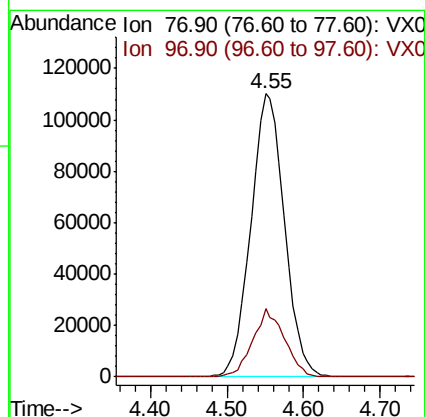
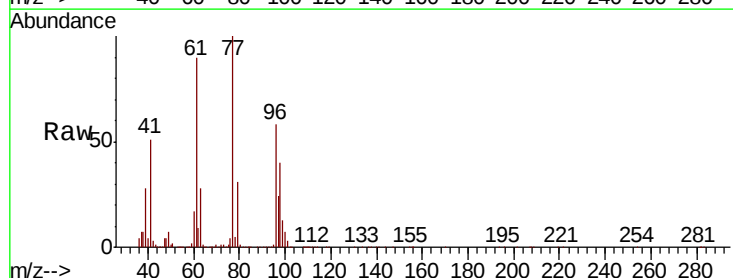
Acq: 19 Aug 2020 18:45

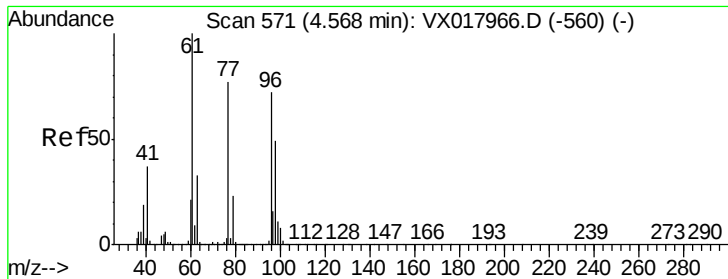
Tgt Ion: 77 Resp: 336086

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9



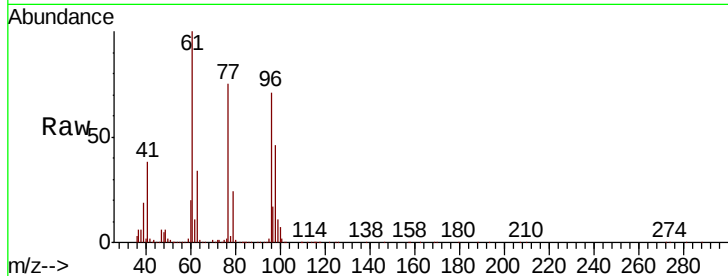


#27

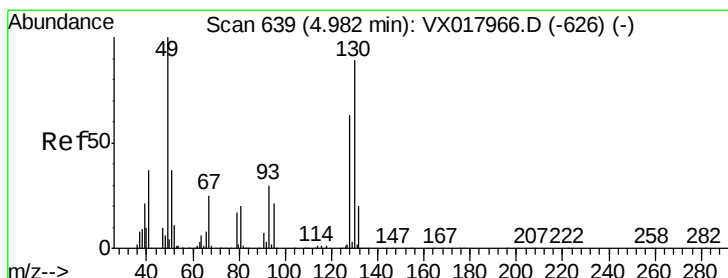
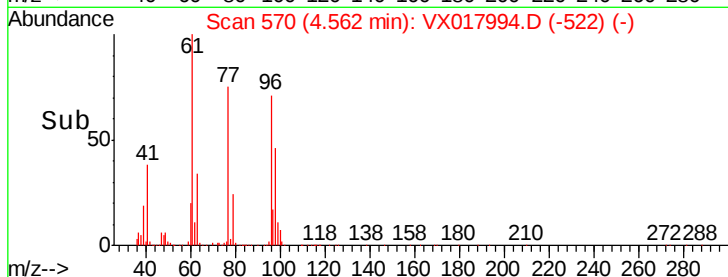
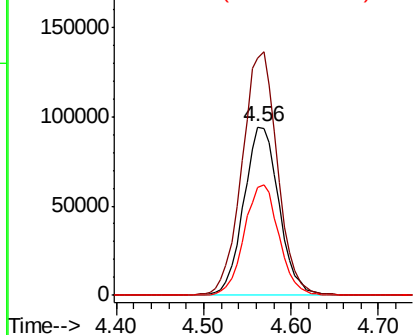
cis-1,2-Dichloroethene
 Concen: 54.851 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	298.8
98	65.1	0.0	130.2



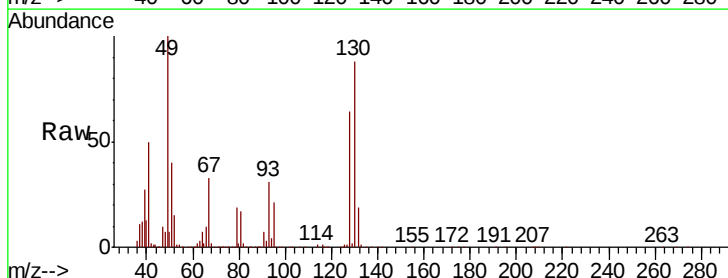
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



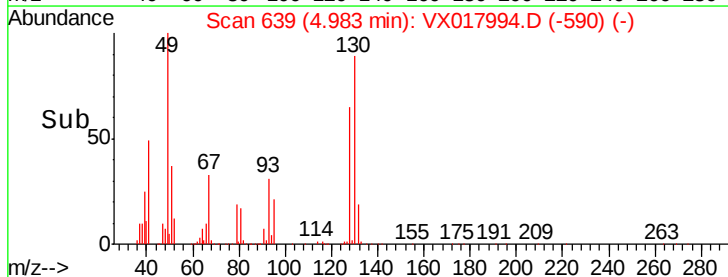
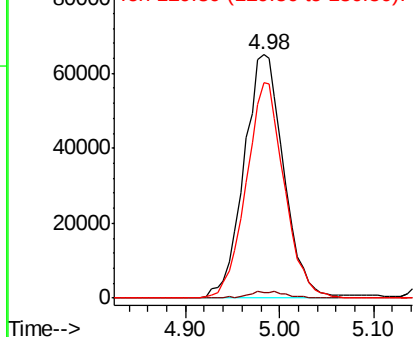
#28

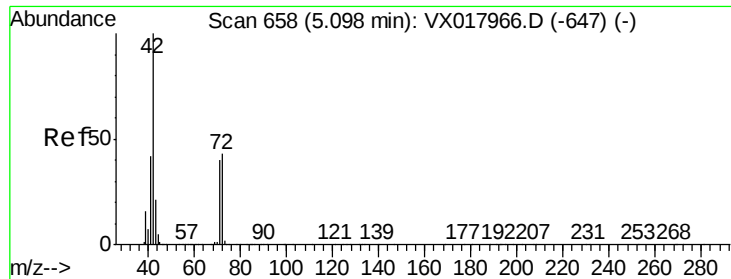
Bromochloromethane
 Concen: 45.326 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.6
130	85.0	68.5	102.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 258.305 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

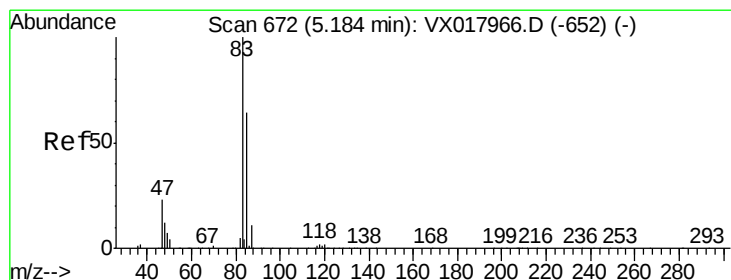
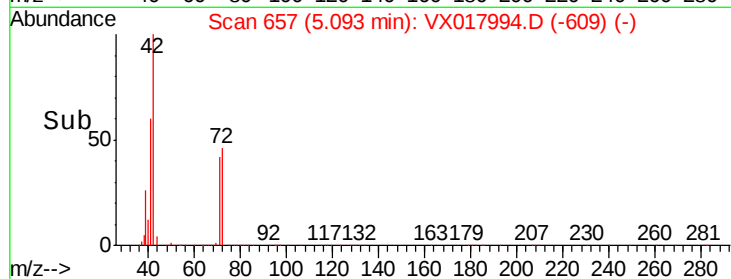
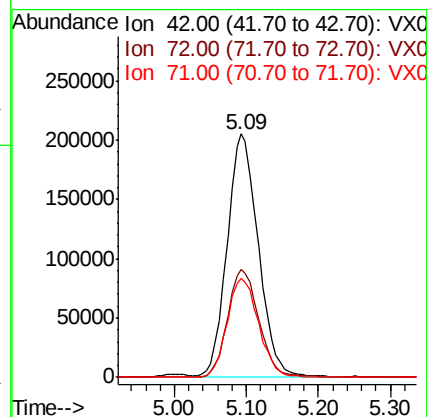
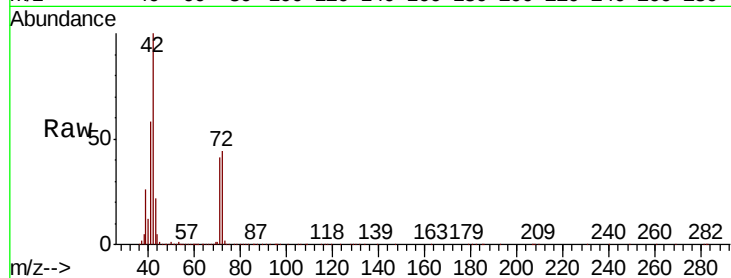
Tot Ion: 42 Resp: 615345

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

71 41.3 33.0 49.4



#30

Chloroform

Concen: 49.035 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017994.D

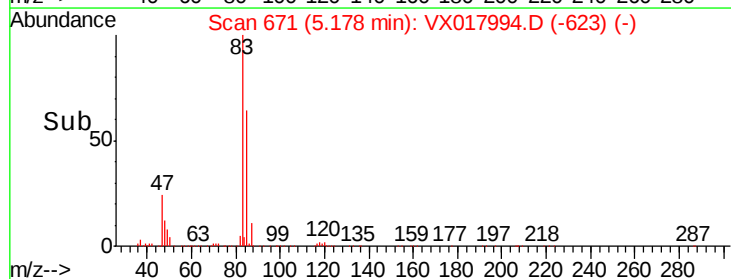
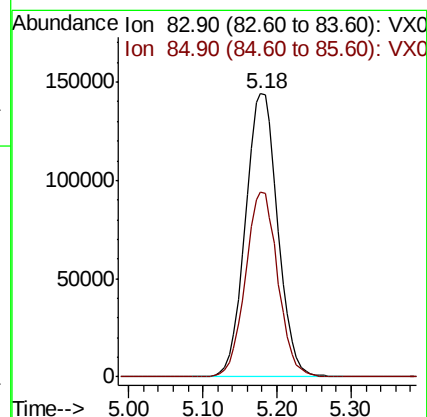
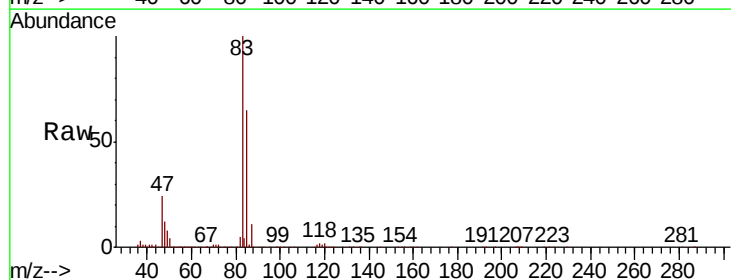
Acq: 19 Aug 2020 18:45

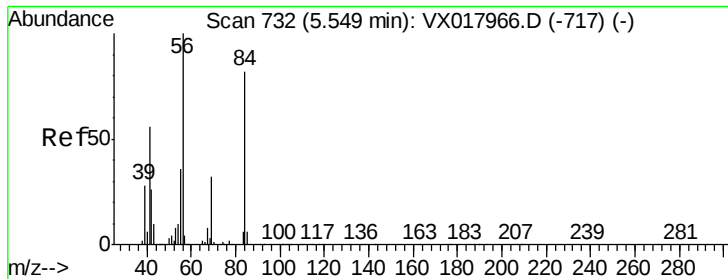
Tgt Ion: 83 Resp: 439877

Ion Ratio Lower Upper

83 100

85 65.2 51.3 76.9

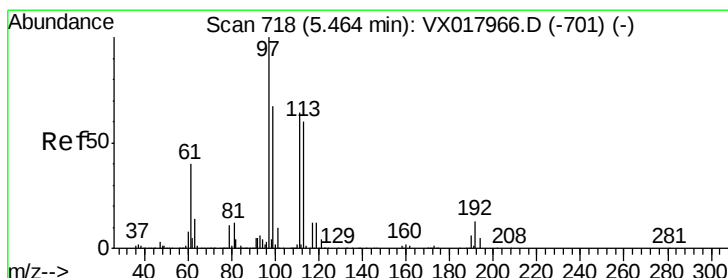
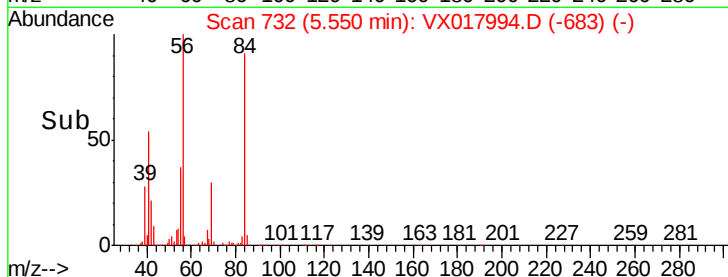
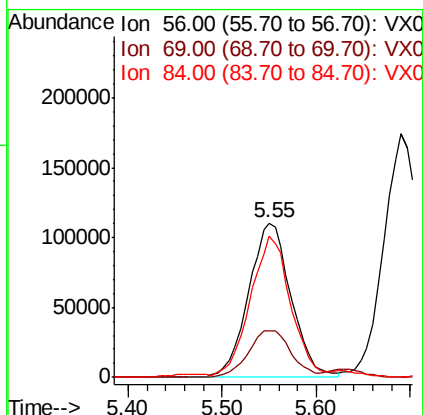
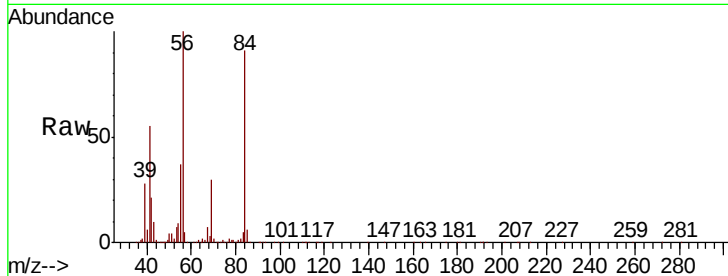




#31
Cyclohexane
Concen: 51.903 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

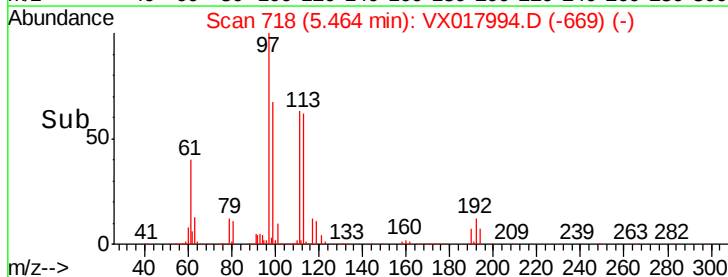
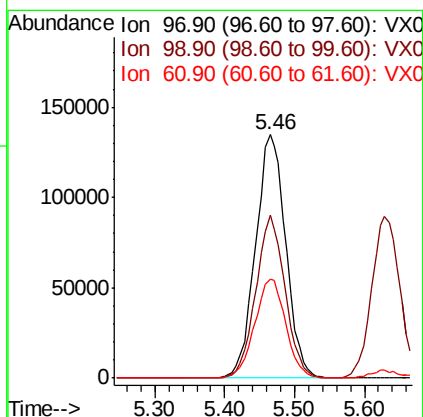
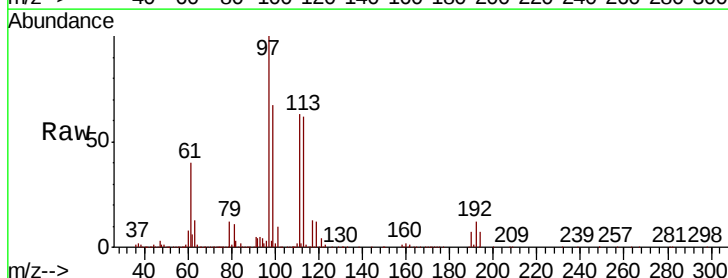
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

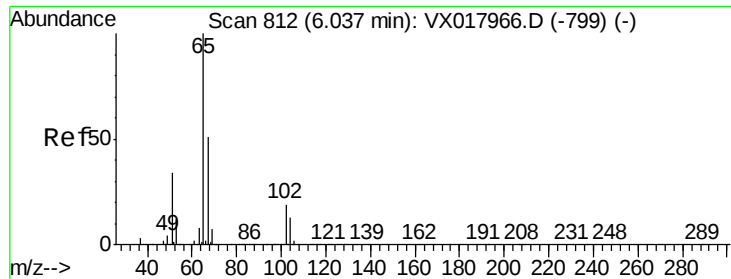
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.3	37.9
84	89.5	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 49.791 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	41.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.760 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

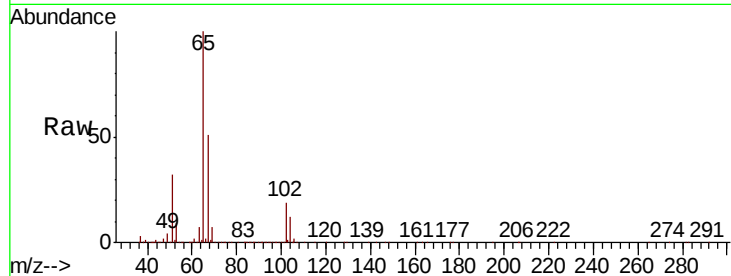
BP-VPB181-GW-258-260MSD

Tot Ion: 65 Resp: 288267

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

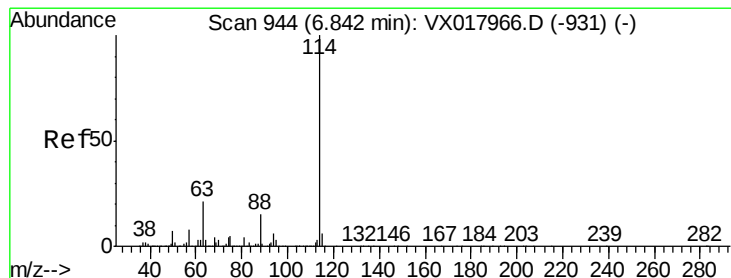
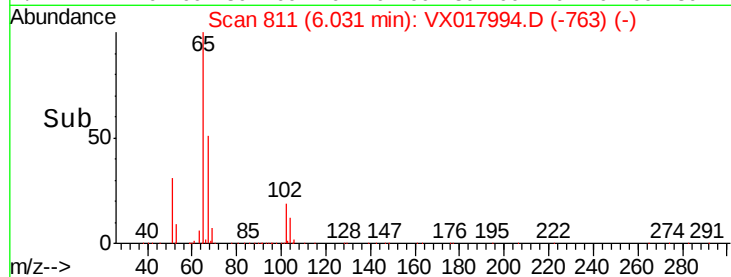
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

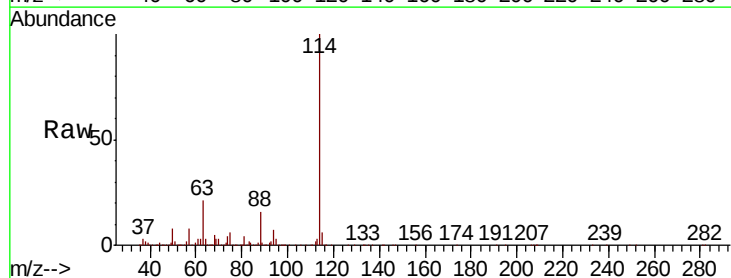
Tgt Ion: 114 Resp: 690719

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

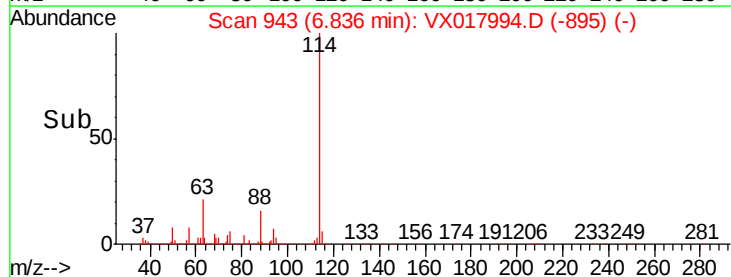
300000

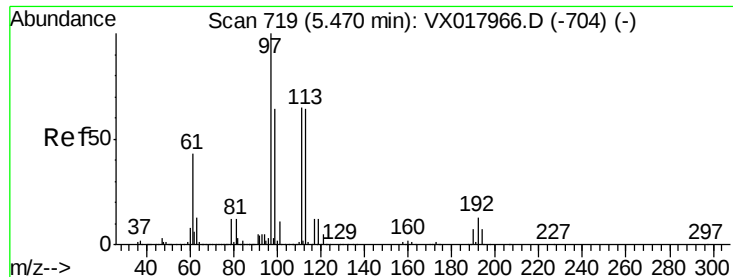
200000

100000

0

Time-->

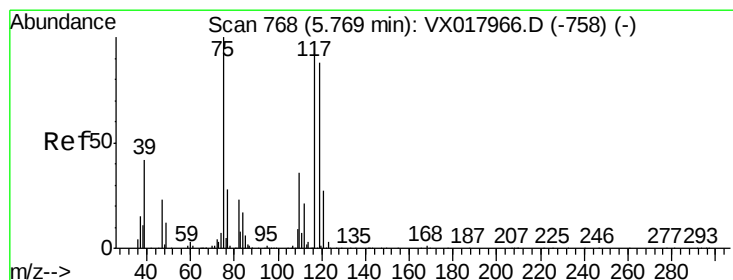
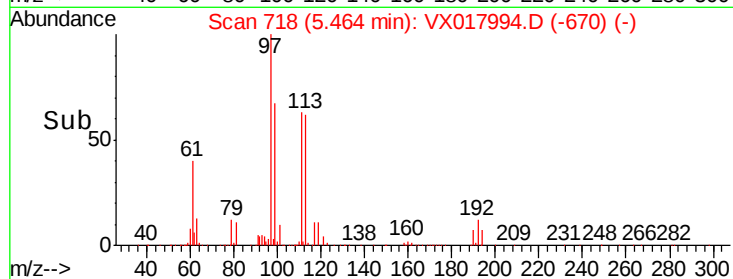
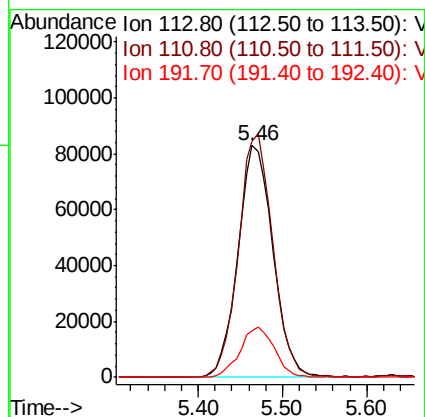
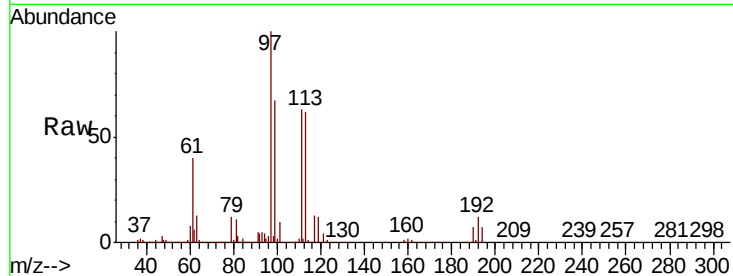




#35
Dibromofluoromethane
Concen: 45.009 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

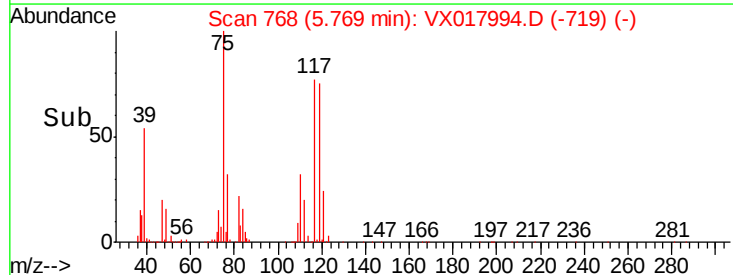
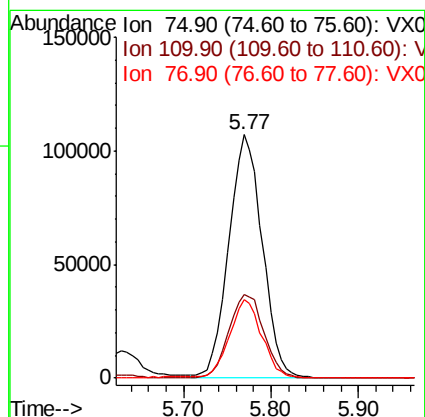
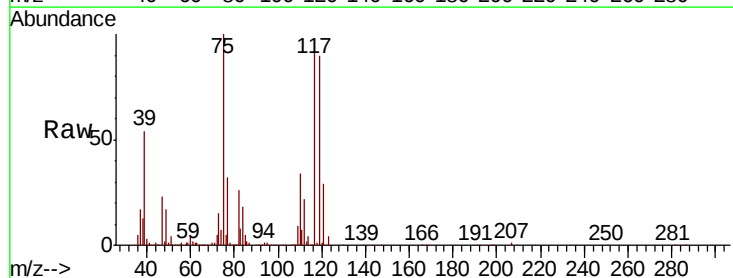
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

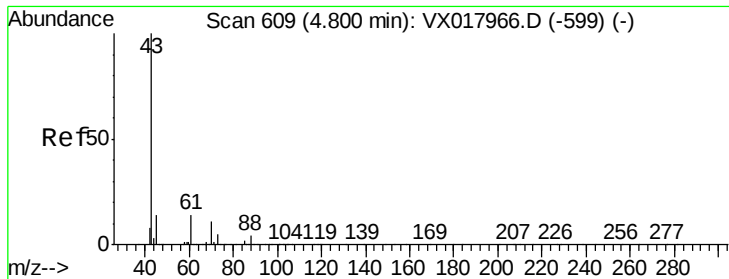
Tot Ion:113 Resp: 231511
Ion Ratio Lower Upper
113 100
111 103.3 83.5 125.3
192 21.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.189 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 75 Resp: 284380
Ion Ratio Lower Upper
75 100
110 36.2 18.7 56.1
77 31.4 24.4 36.6

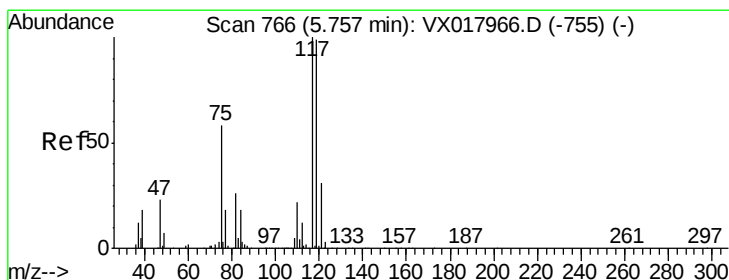
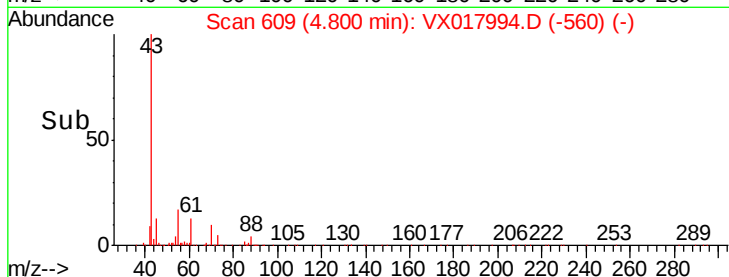
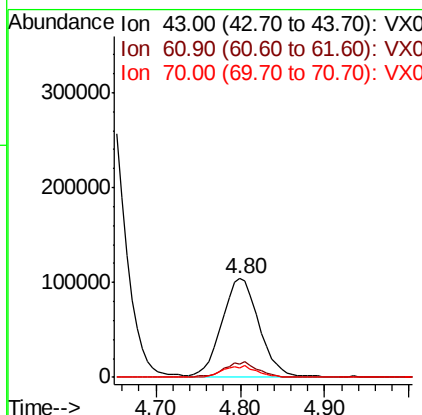
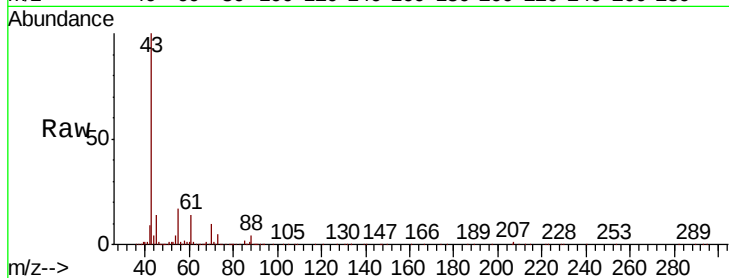




#37
Ethyl Acetate
Concen: 44.624 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

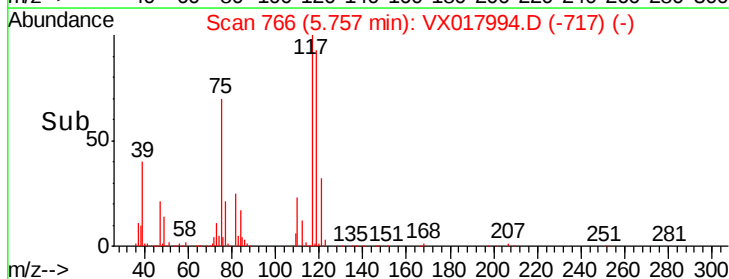
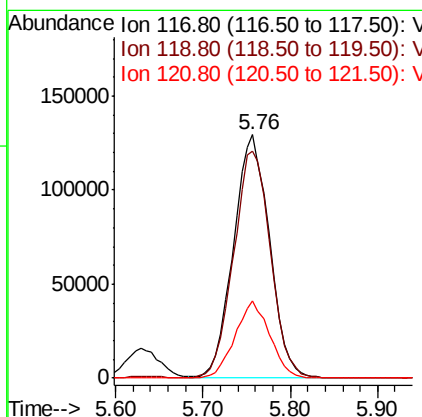
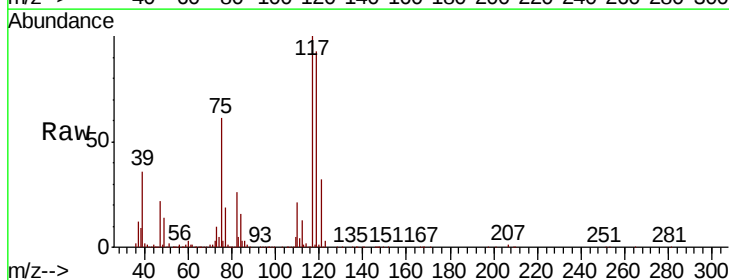
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

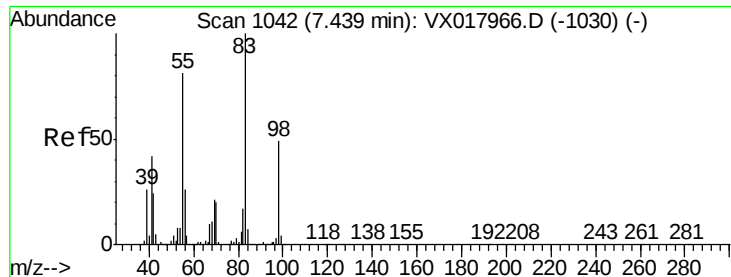
Tot Ion:	43	Resp:	308679
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.467 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion:	117	Resp:	370130
Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.0	118.6
121	31.7	24.7	37.1

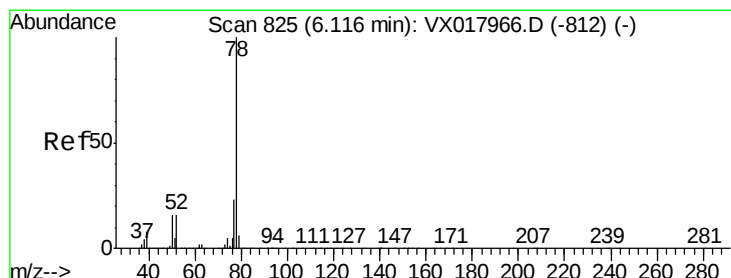
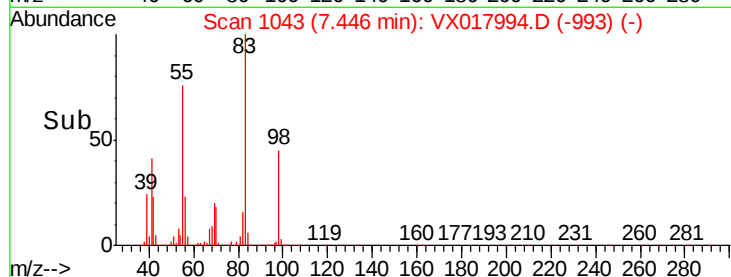
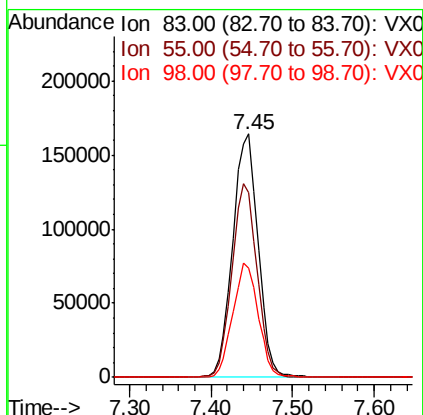
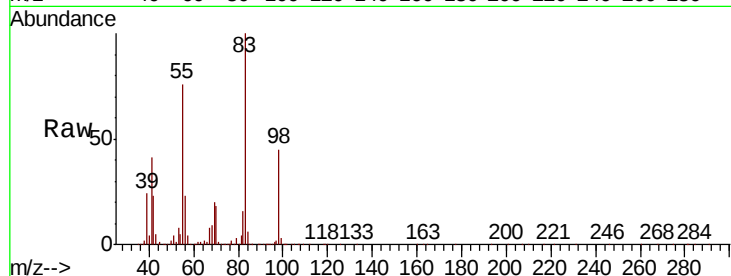




#39
Methvlcvclohexane
Concen: 47.543 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

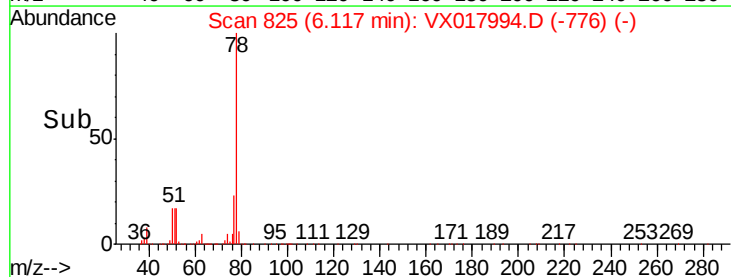
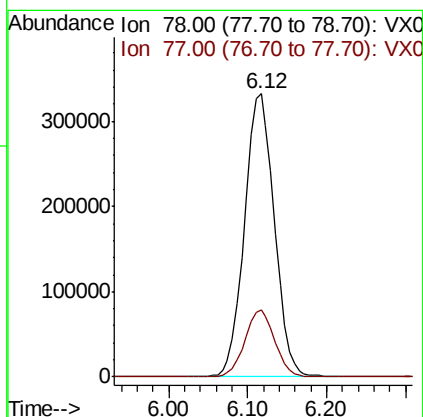
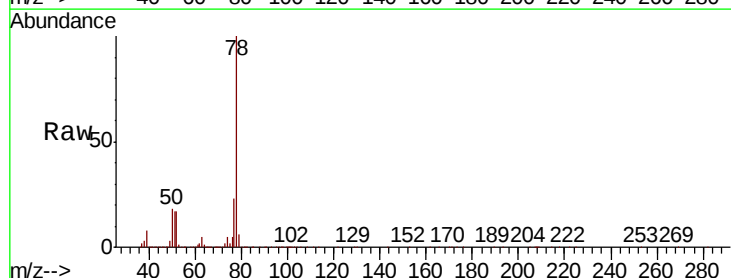
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

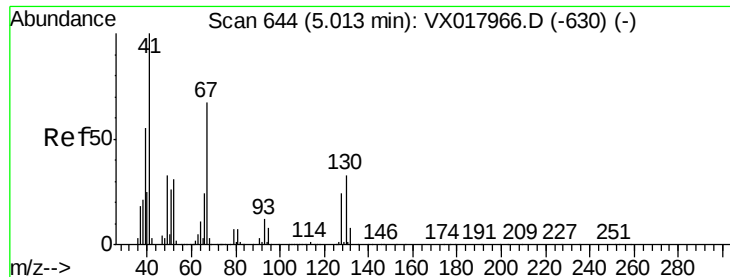
Tot Ion: 83 Resp: 351736
Ion Ratio Lower Upper
83 100
55 75.6 64.5 96.7
98 44.6 39.0 58.6



#40
Benzene
Concen: 50.125 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 78 Resp: 872830
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 51.316 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion: 41 Resp: 203454

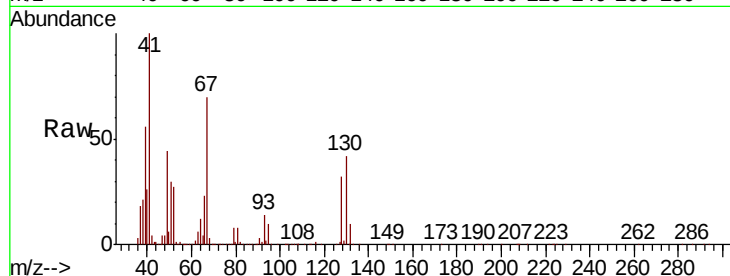
Ion Ratio Lower Upper

41 100

39 55.8 44.8 67.2

67 71.5 57.5 86.3

52 29.7 25.6 38.4

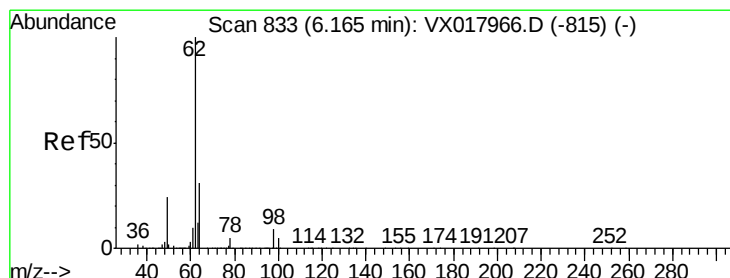
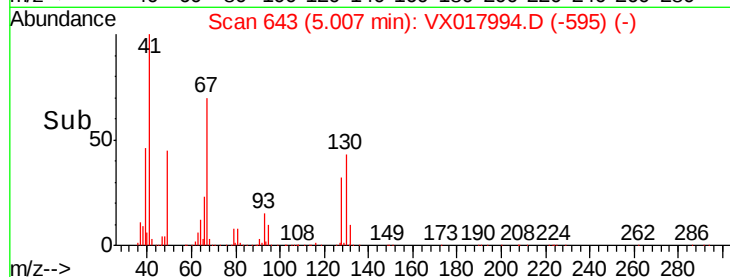
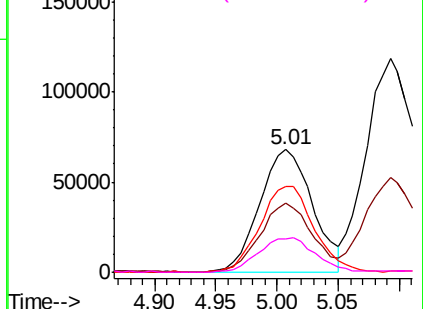


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.037 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX017994.D

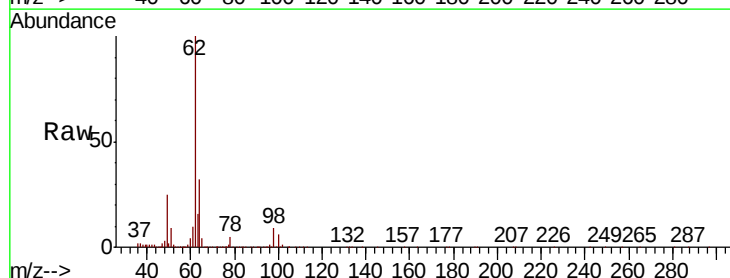
Acq: 19 Aug 2020 18:45

Tgt Ion: 62 Resp: 362702

Ion Ratio Lower Upper

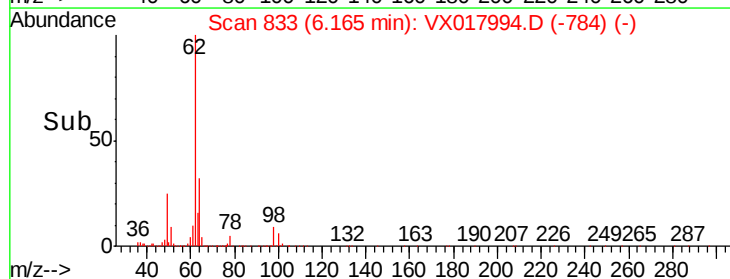
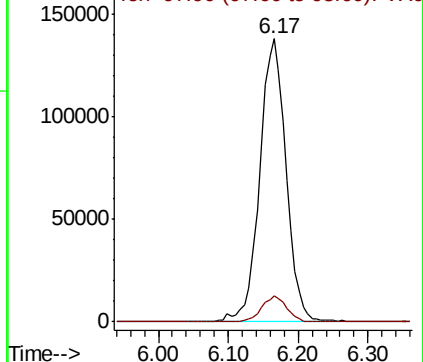
62 100

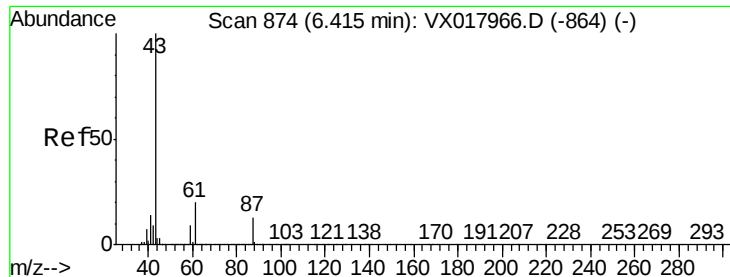
98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



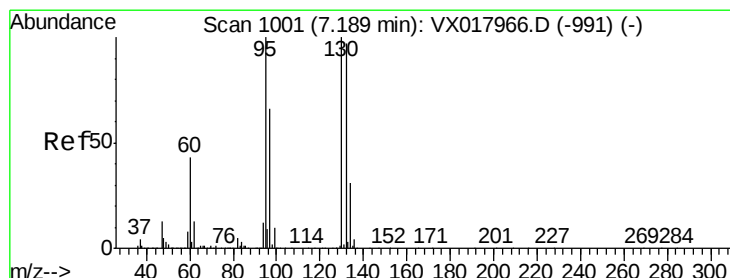
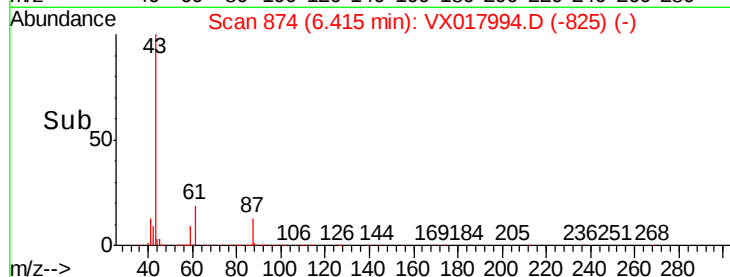
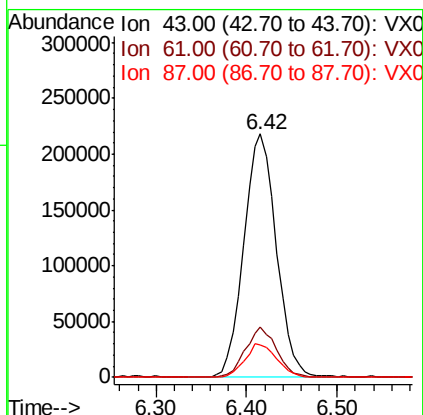
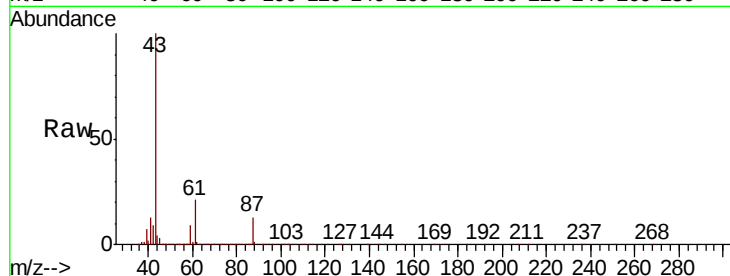


#43

Isopropyl Acetate
 Concen: 48.295 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

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

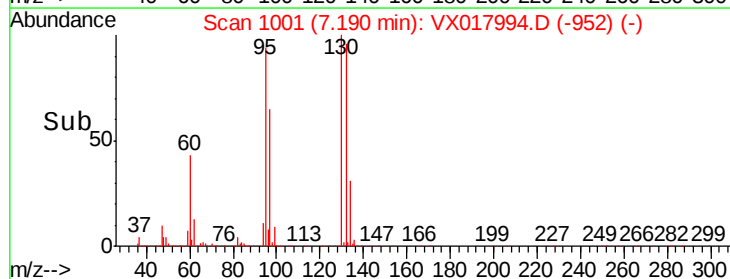
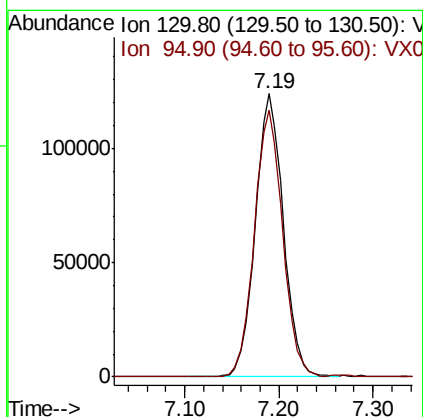
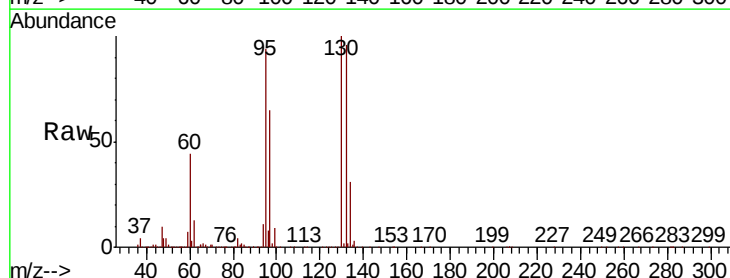
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.5	10.8	16.2

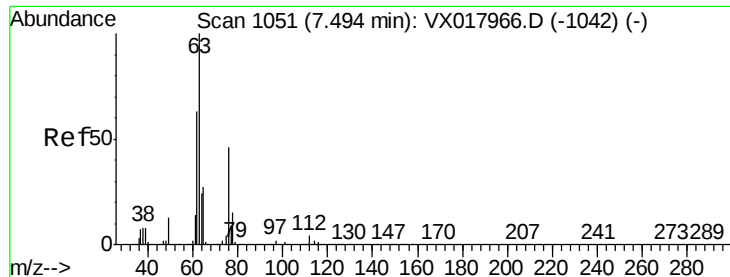


#44

Trichloroethene
 Concen: 50.222 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 47.016 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

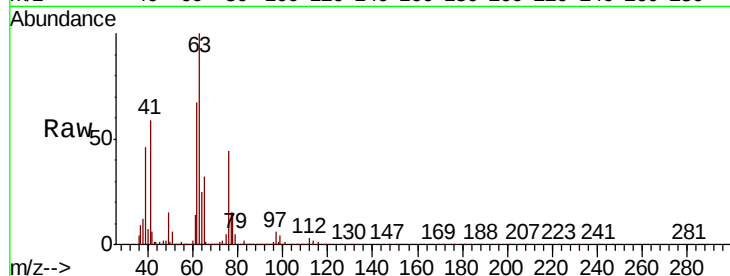
BP-VPB181-GW-258-260MSD

Tot Ion: 63 Resp: 234571

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

120000

100000

80000

60000

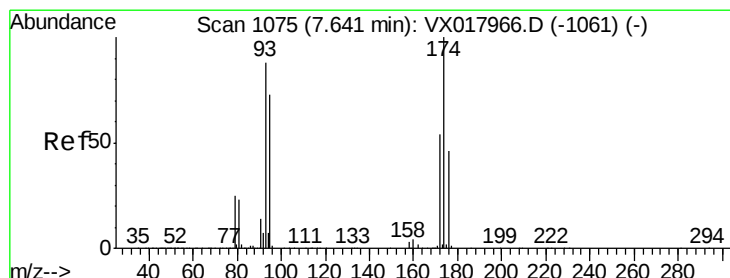
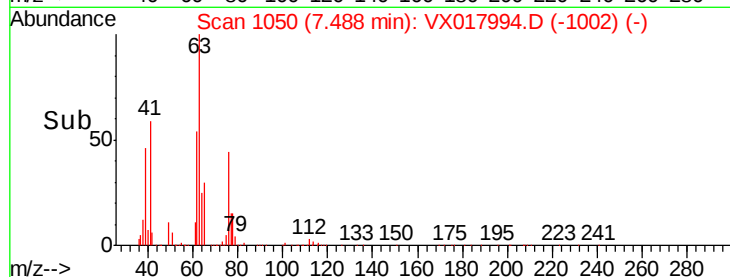
40000

20000

0

Time-->

7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 47.697 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

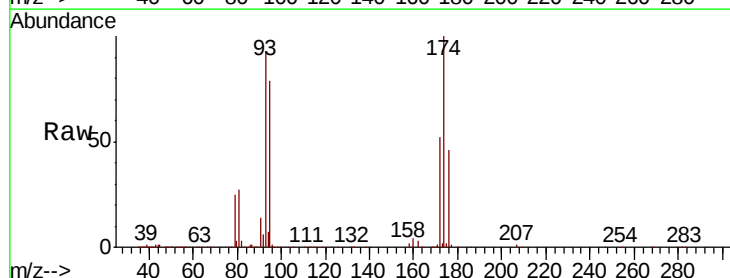
Tgt Ion: 93 Resp: 166081

Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

174 104.3 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

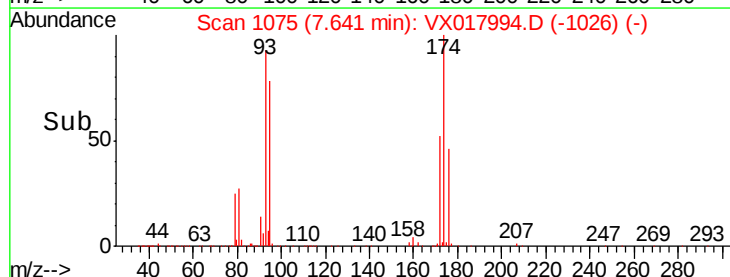
40000

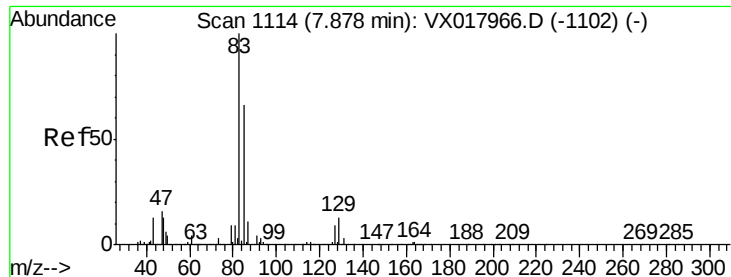
20000

0

Time-->

7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 47.939 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

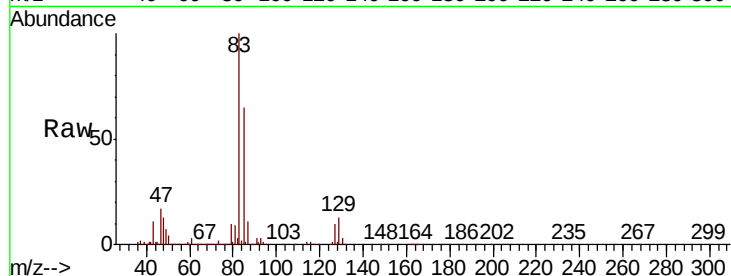
Tot Ion: 83 Resp: 362376

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6

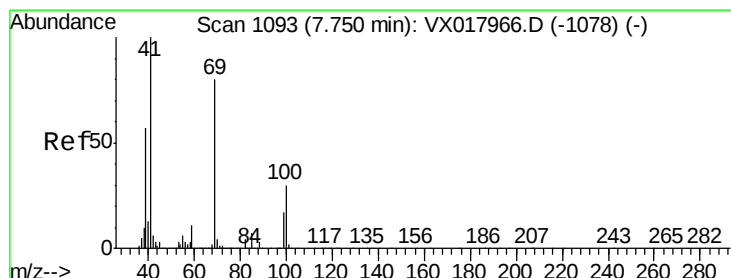
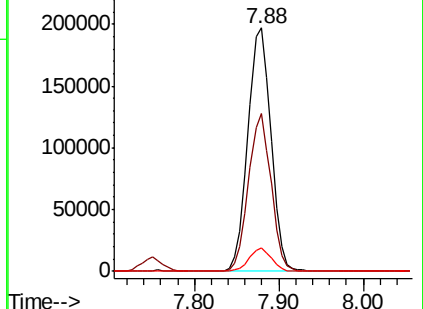
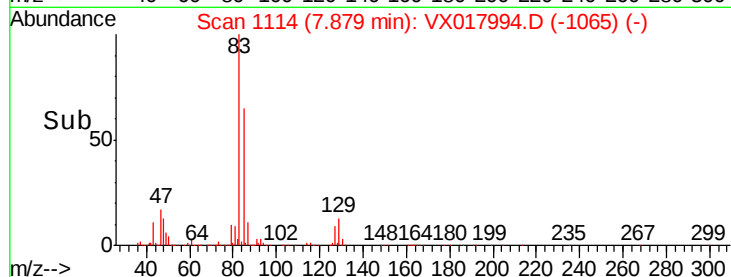
127 9.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.290 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

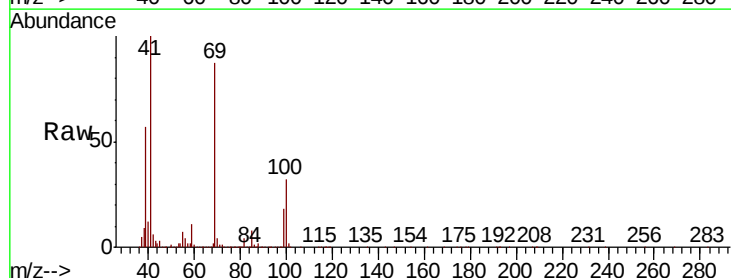
Tgt Ion: 41 Resp: 278389

Ion Ratio Lower Upper

41 100

69 83.7 64.3 96.5

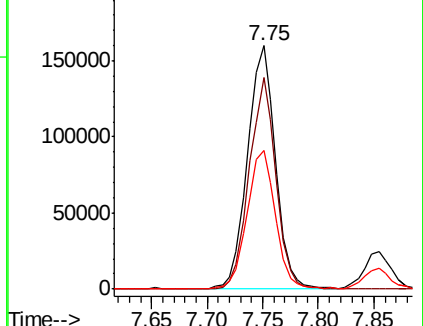
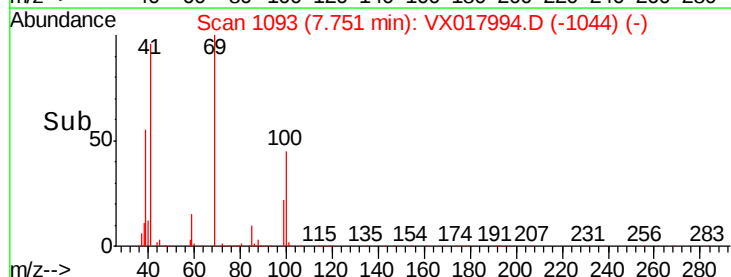
39 57.9 45.3 67.9

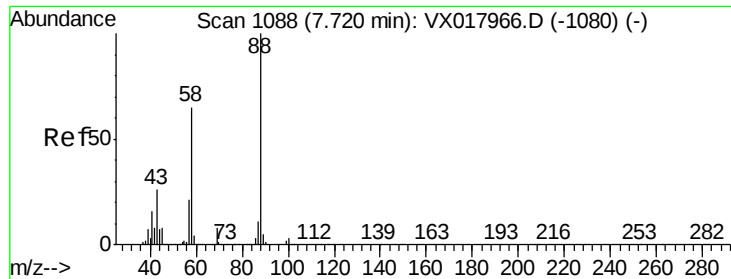


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

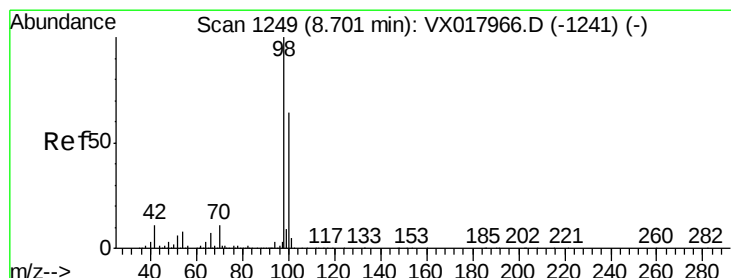
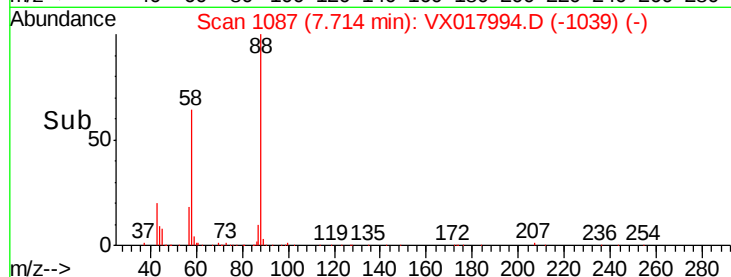
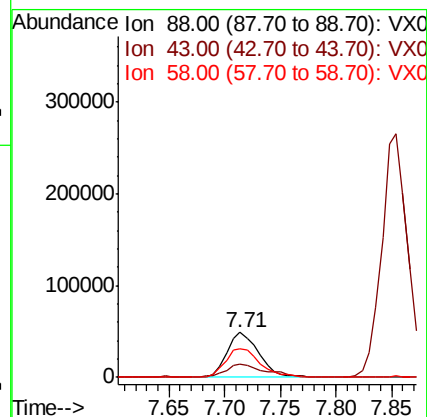
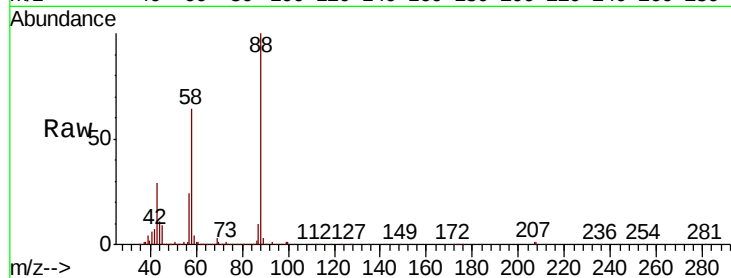




#49
1,4-Dioxane
Concen: 864.782 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

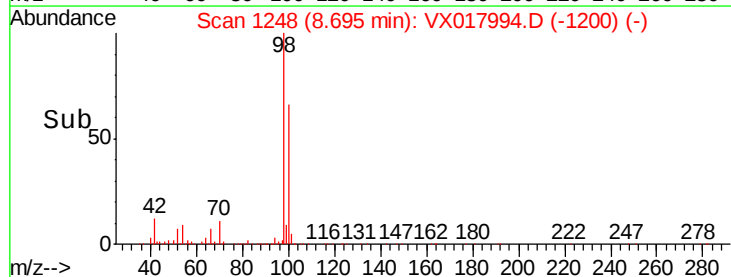
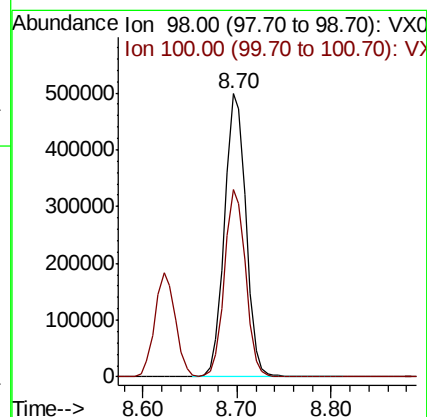
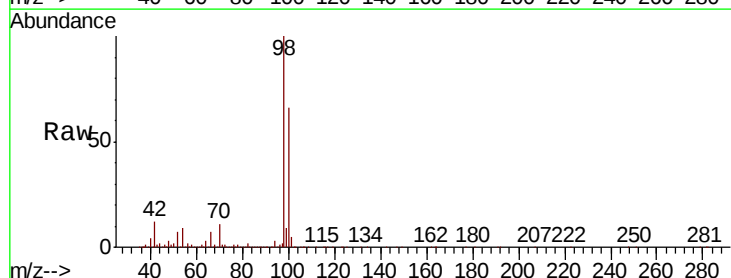
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

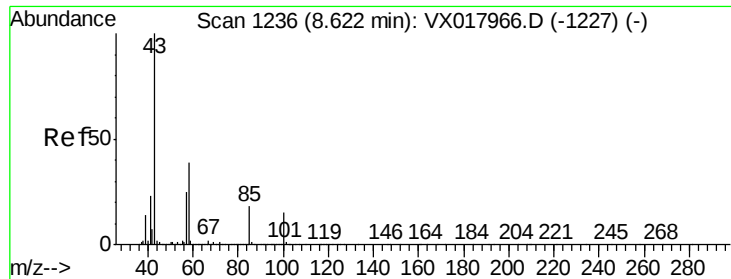
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.3	40.9
58	69.9	57.7	86.5



#50
Toluene-d8
Concen: 43.237 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 234.792 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

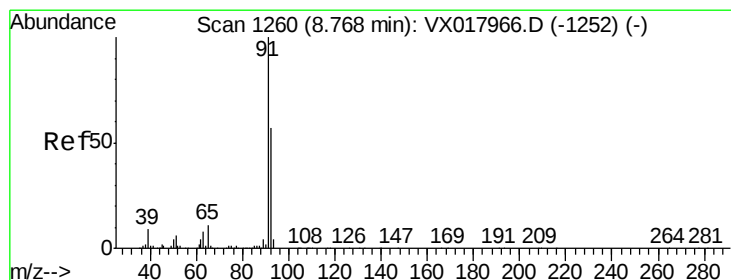
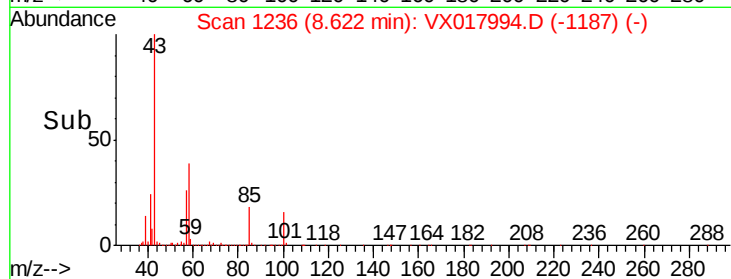
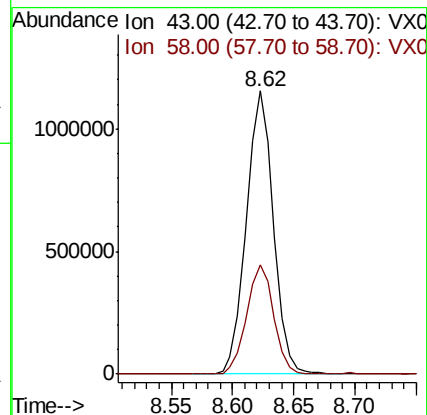
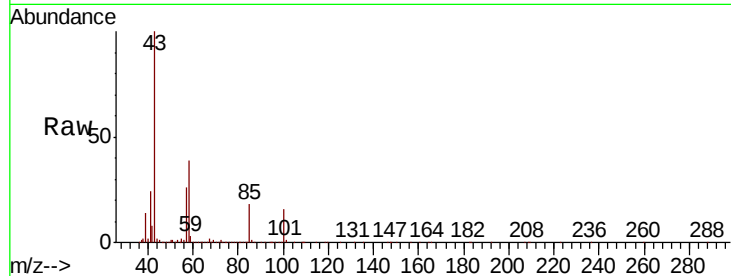
BP-VPB181-GW-258-260MSD

Tot Ion: 43 Resp: 1765240

Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4



#52

Toluene

Concen: 51.224 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017994.D

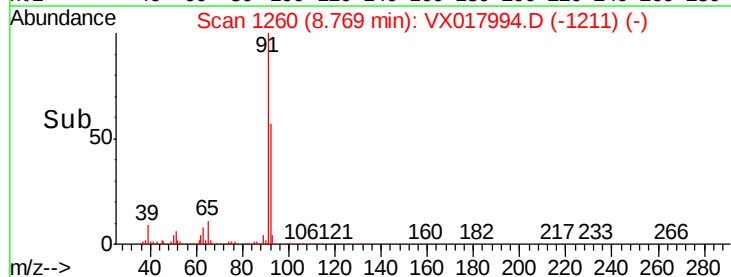
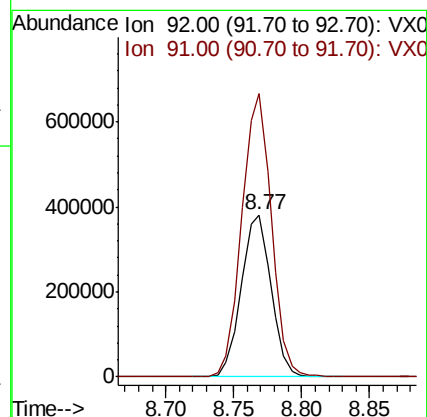
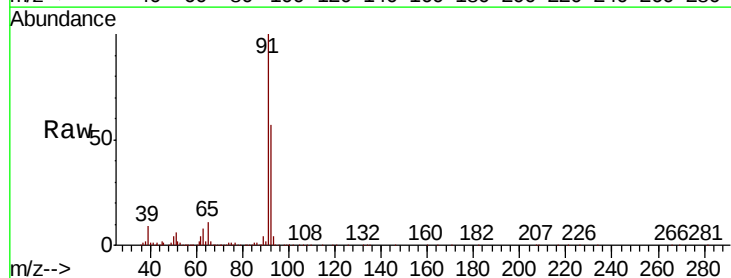
Acq: 19 Aug 2020 18:45

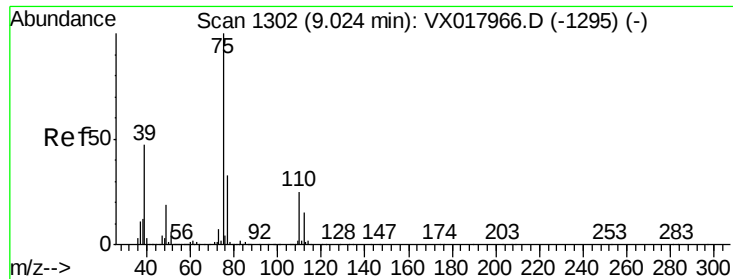
Tgt Ion: 92 Resp: 583562

Ion Ratio Lower Upper

92 100

91 173.7 138.4 207.6

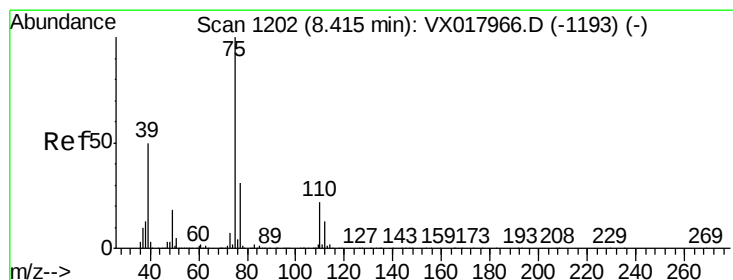
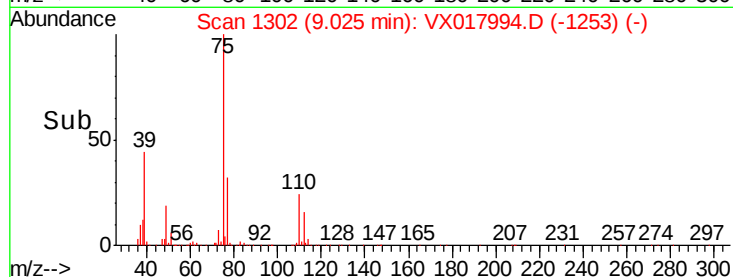
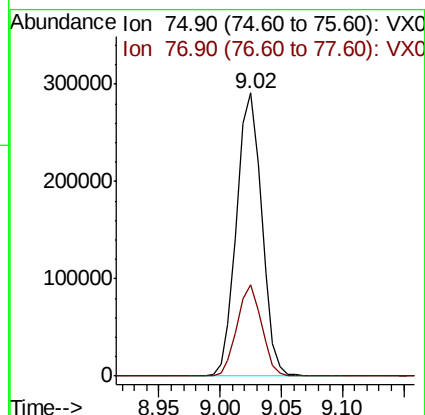
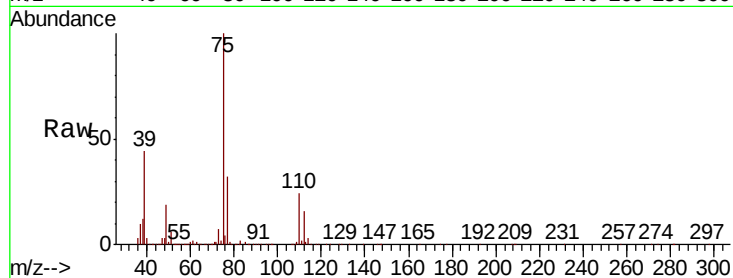




#53
t-1,3-Dichloropropene
Concen: 51.821 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

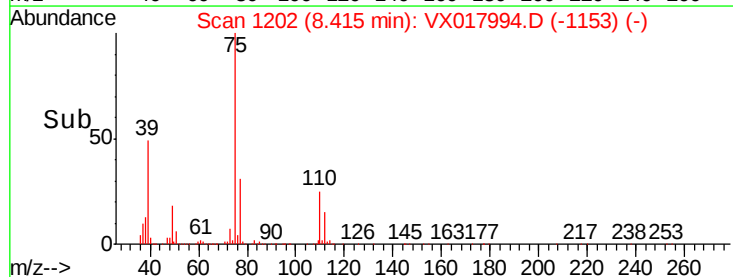
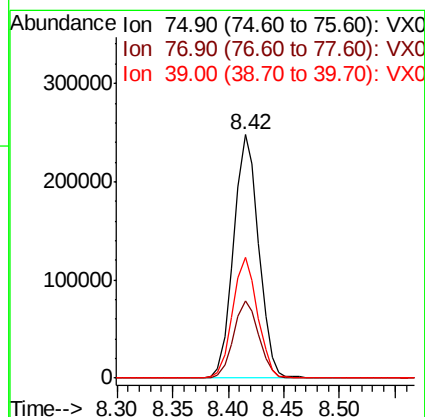
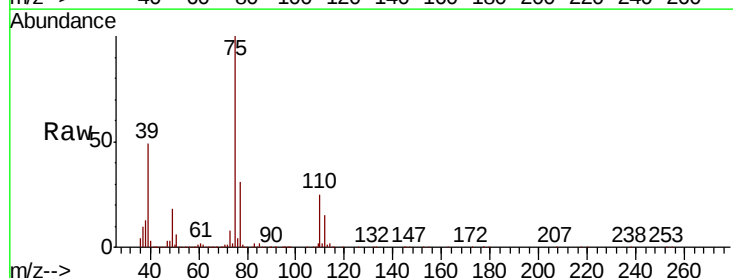
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

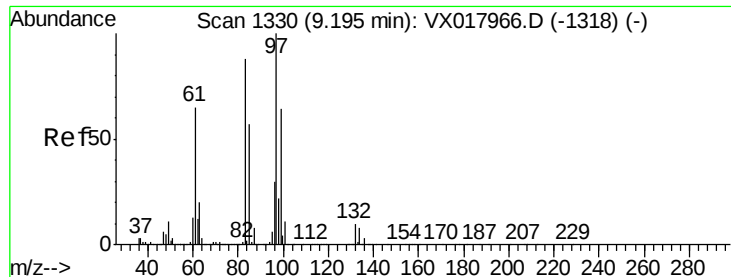
Tot Ion: 75 Resp: 414305
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 46.385 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 75 Resp: 386665
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 49.3 39.7 59.5

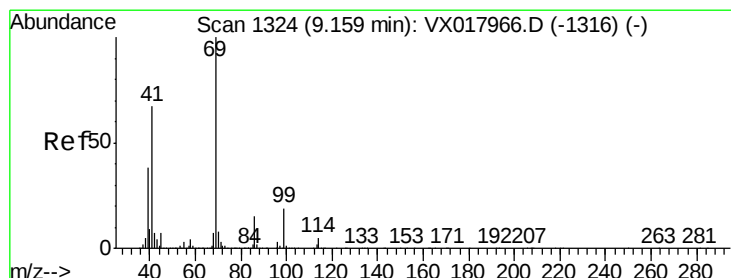
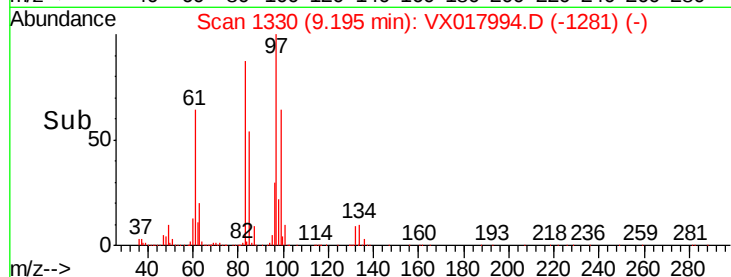
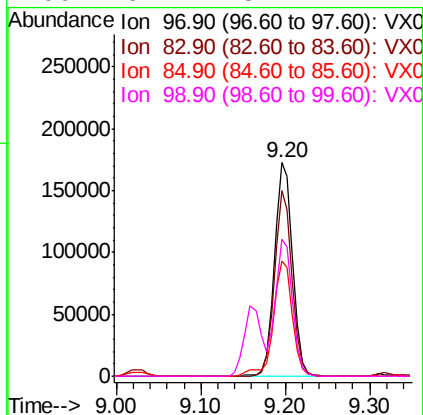
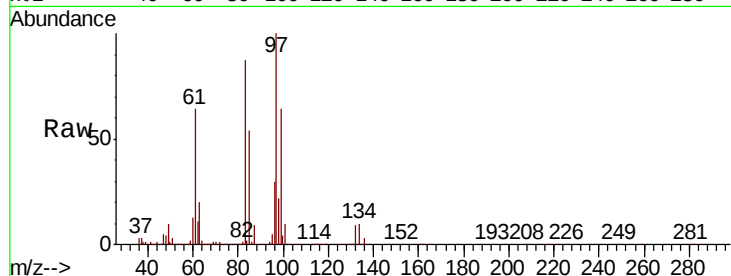




#55
 1,1,2-Trichloroethane
 Concen: 48.941 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

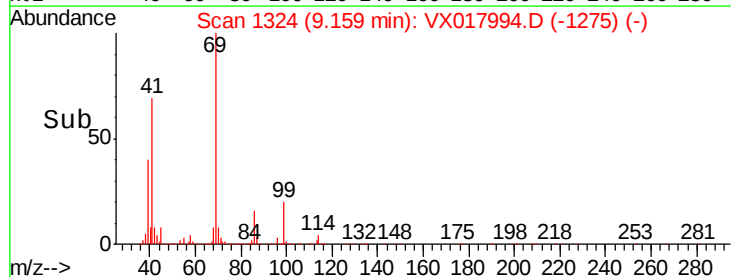
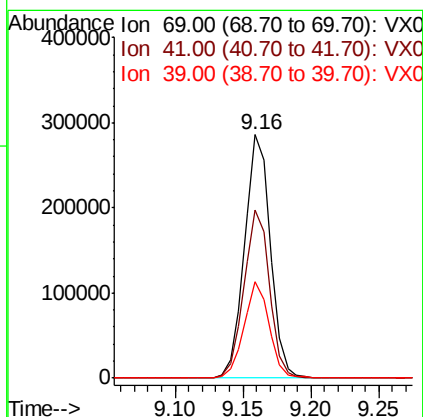
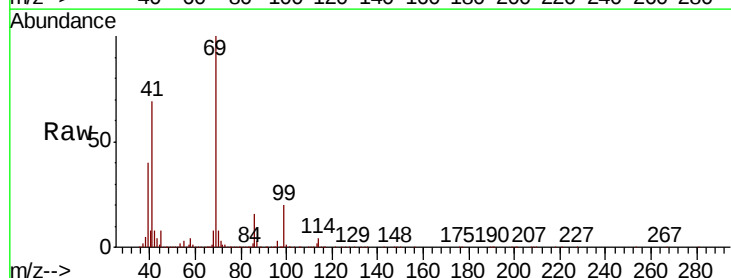
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

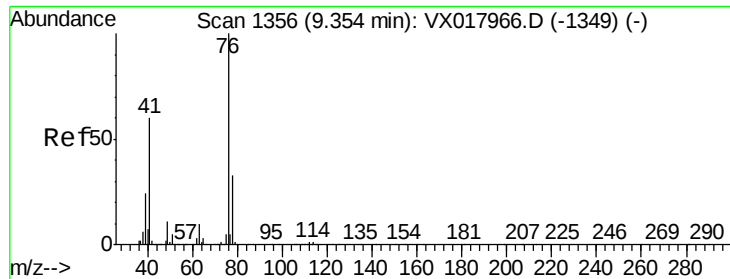
Tot Ion:	97	Resp:	256142
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.1	105.1
85	54.0	45.8	68.8
99	64.2	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 51.381 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion:	69	Resp:	380210
Ion	Ratio	Lower	Upper
69	100		
41	68.3	52.3	78.5
39	38.7	29.2	43.8





#57

1,3-Dichloropropane

Concen: 48.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

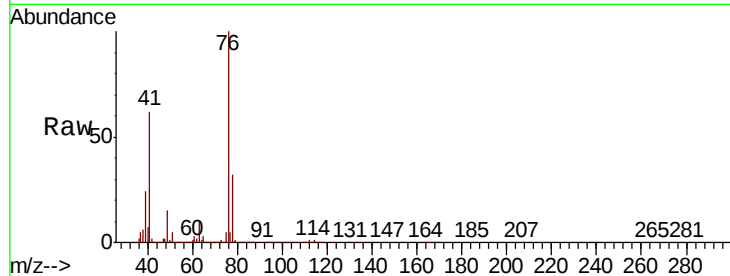
BP-VPB181-GW-258-260MSD

Tot Ion: 76 Resp: 403123

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

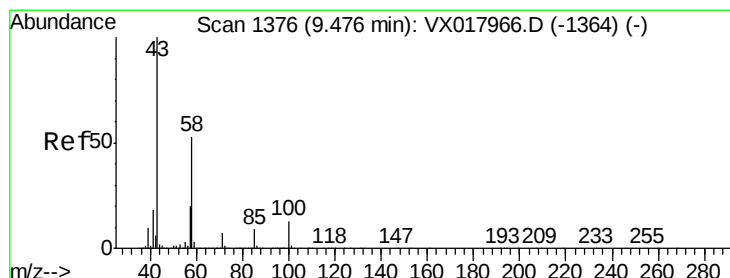
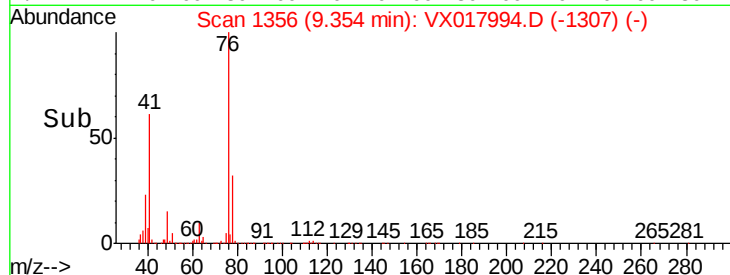
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 253.586 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX017994.D

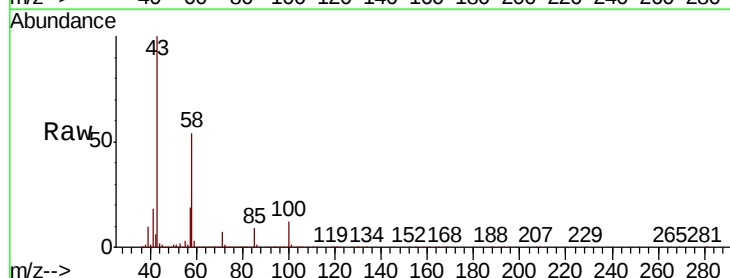
Acq: 19 Aug 2020 18:45

Tgt Ion: 43 Resp: 1444660

Ion Ratio Lower Upper

43 100

58 53.1 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

1200000

1000000

800000

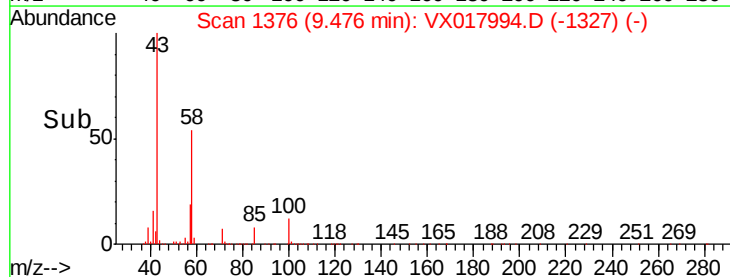
600000

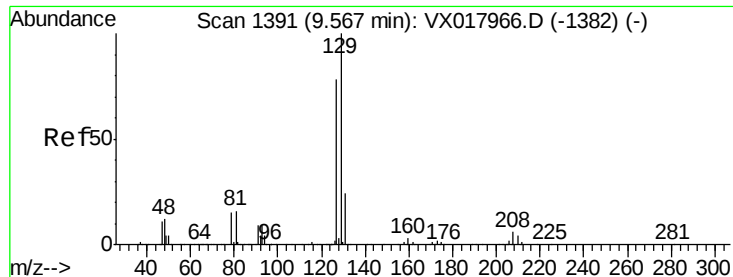
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 49.818 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

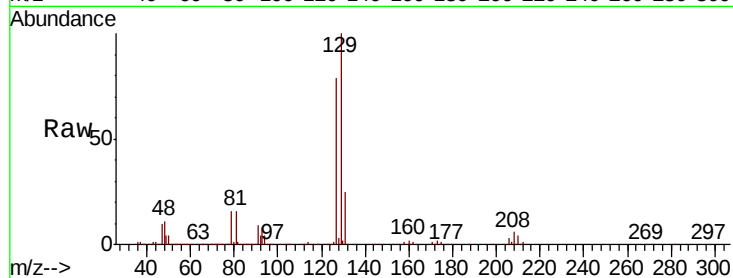
BP-VPB181-GW-258-260MSD

Tot Ion:129 Resp: 325636

Ion Ratio Lower Upper

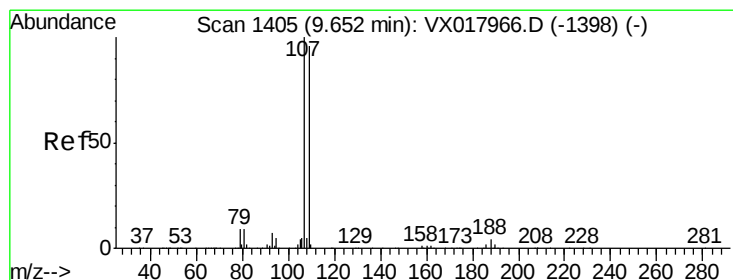
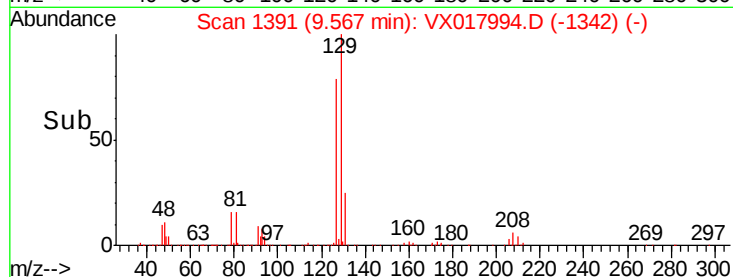
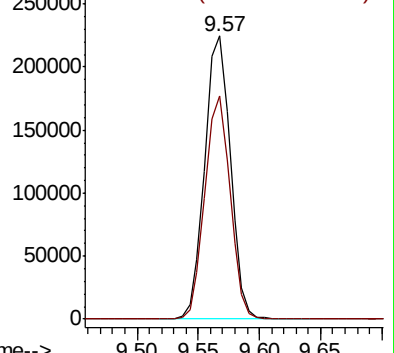
129 100

127 77.7 39.5 118.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 45.172 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017994.D

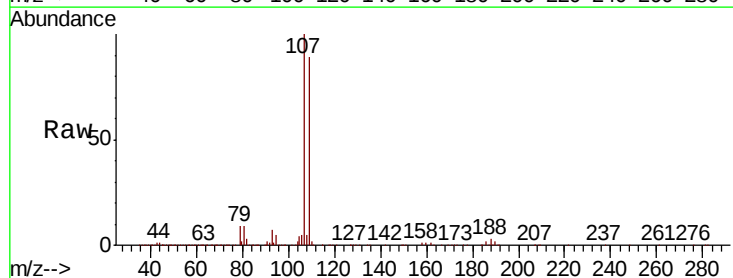
Acq: 19 Aug 2020 18:45

Tgt Ion:107 Resp: 261868

Ion Ratio Lower Upper

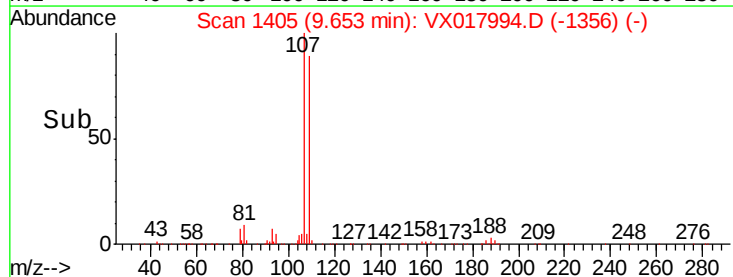
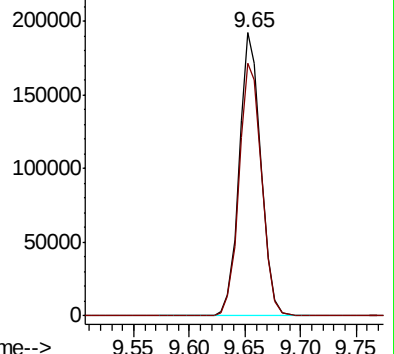
107 100

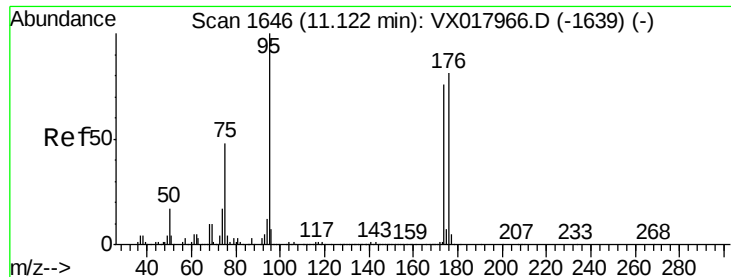
109 92.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.830 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

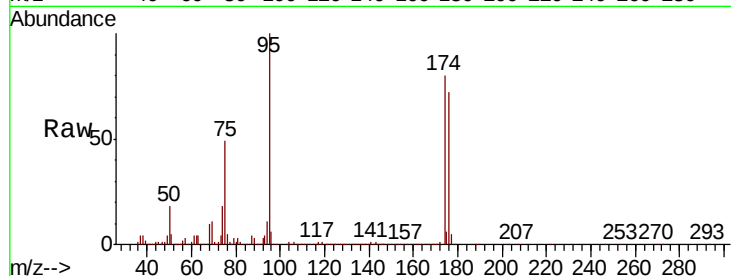
Tot Ion: 95 Resp: 327905

Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.0

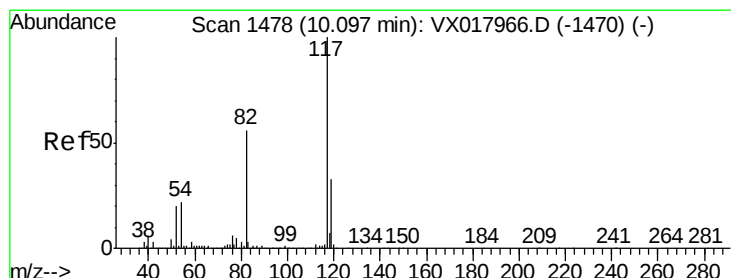
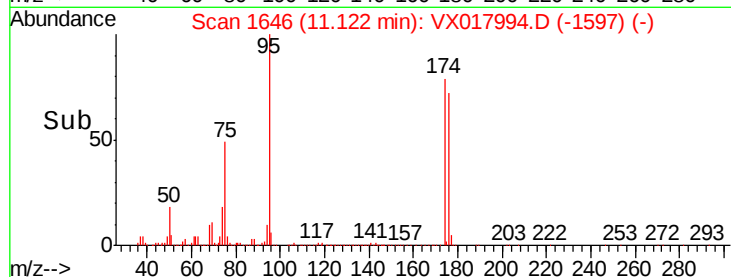
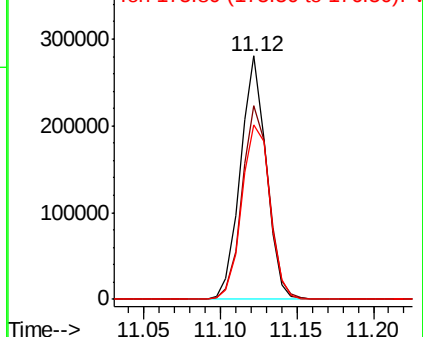
176 78.3 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017994.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017994.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017994.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

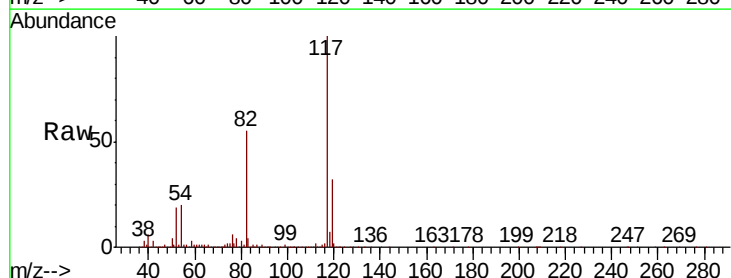
Tgt Ion: 117 Resp: 623353

Ion Ratio Lower Upper

117 100

82 55.3 44.6 66.8

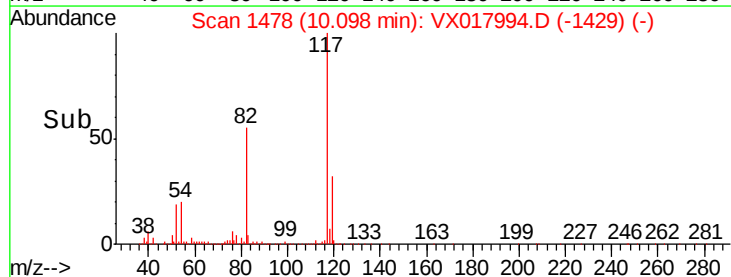
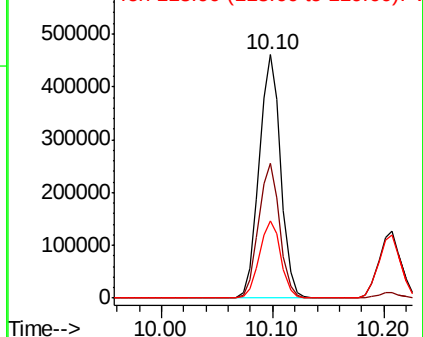
119 31.7 26.2 39.4

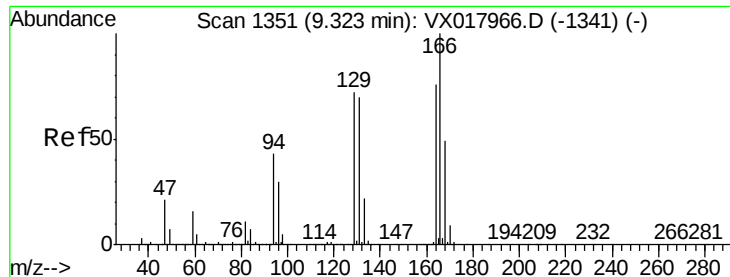


Abundance Ion 116.90 (116.60 to 117.60): VX017994.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017994.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017994.D (-1429) (-)





#64

Tetrachloroethene

Concen: 47.408 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

Tot Ion:164 Resp: 225683

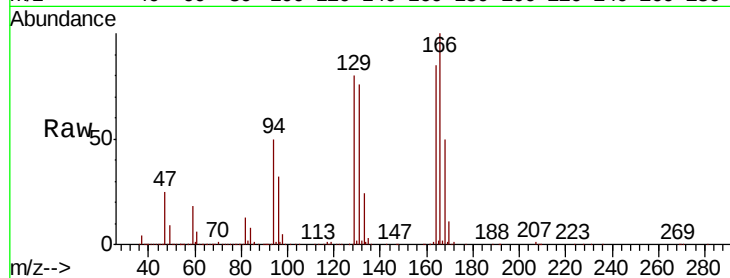
Ion Ratio Lower Upper

164 100

166 117.4 105.7 158.5

129 93.5 75.8 113.8

131 88.9 74.2 111.4

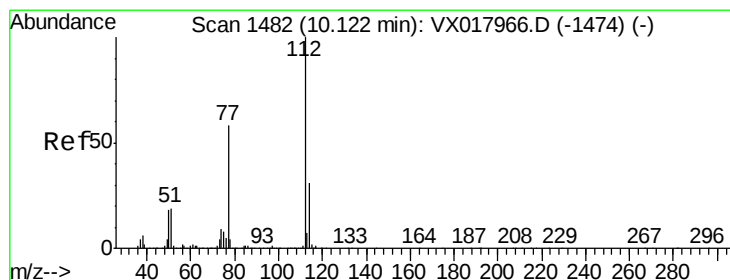
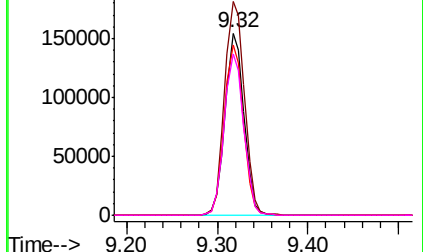
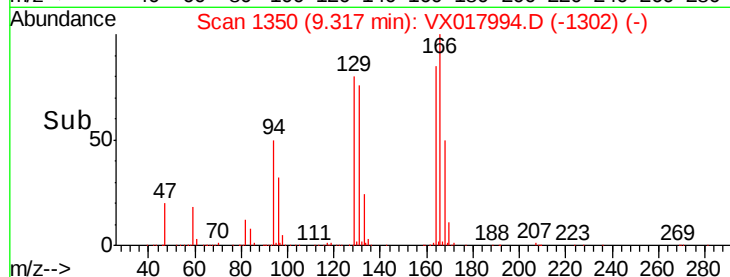


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.488 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017994.D

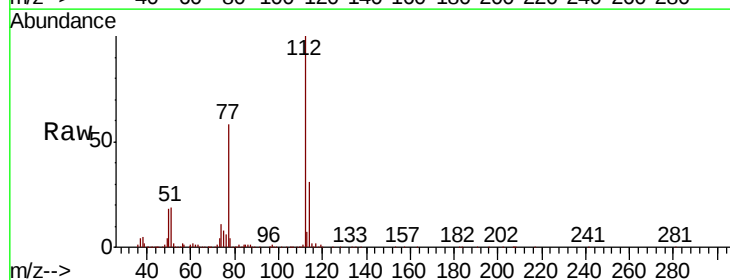
Acq: 19 Aug 2020 18:45

Tgt Ion:112 Resp: 624713

Ion Ratio Lower Upper

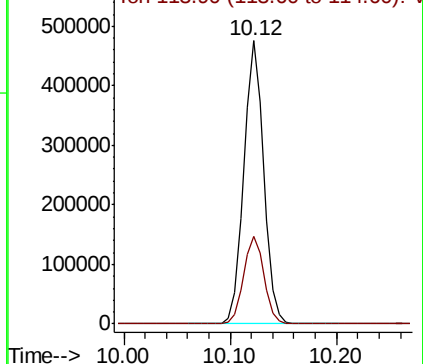
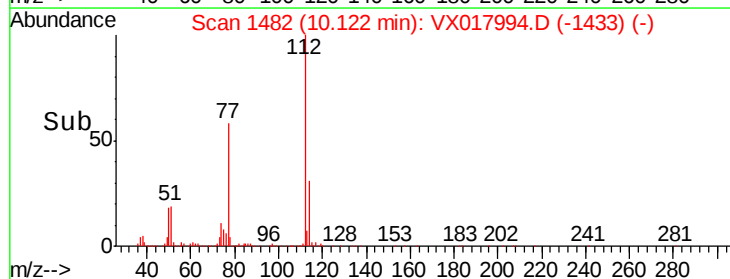
112 100

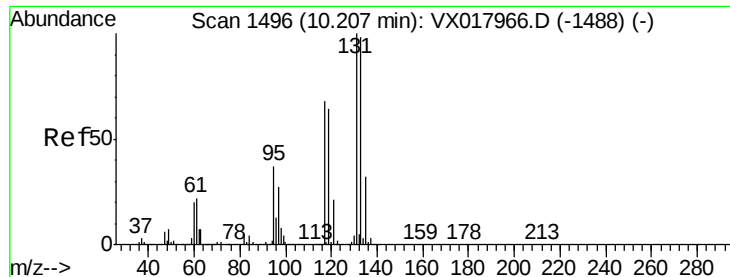
114 30.8 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

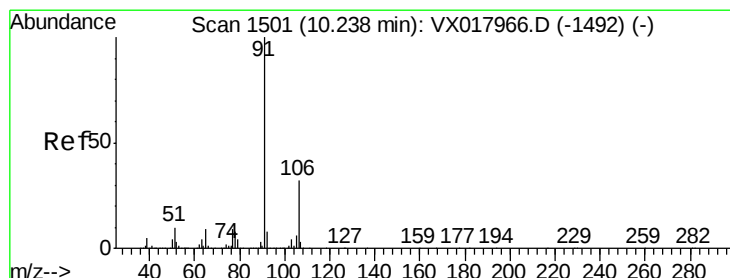
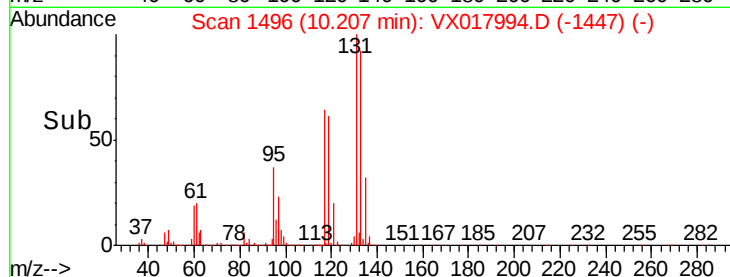
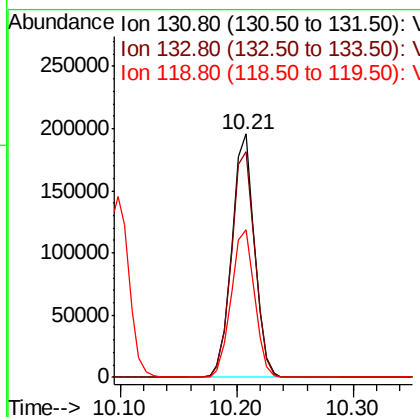
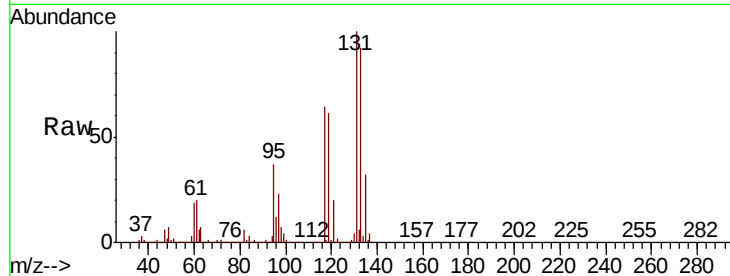




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.799 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

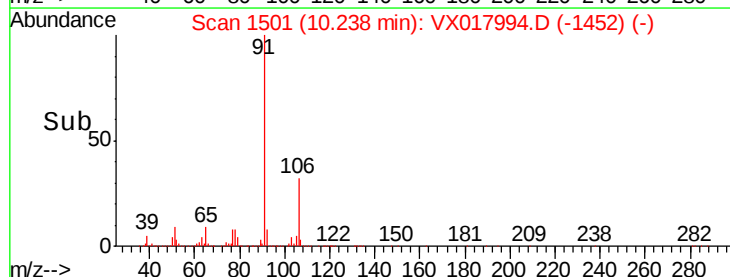
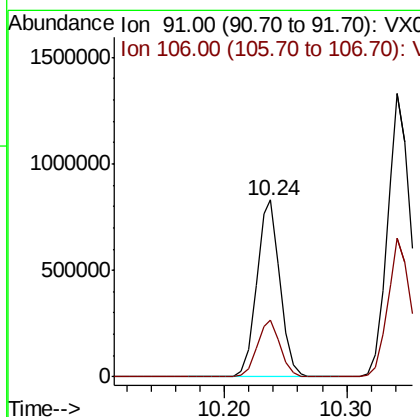
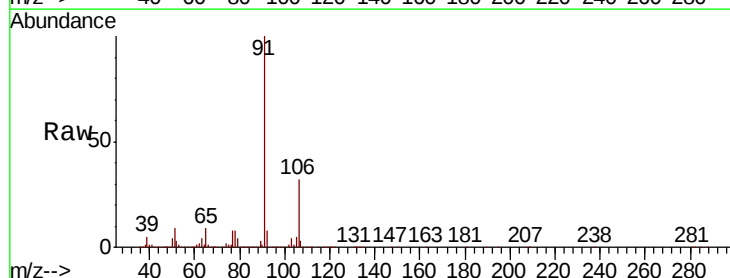
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

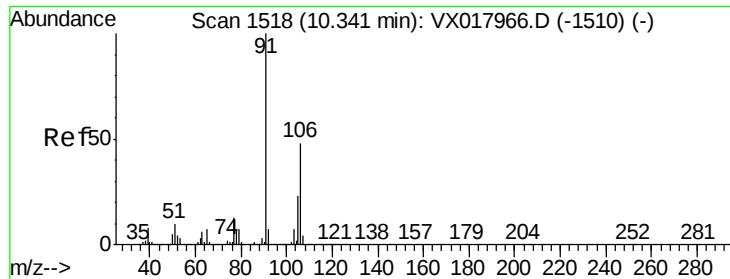
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.3
119	62.7	31.6	94.8



#67
 Ethyl Benzene
 Concen: 53.799 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.4	38.0

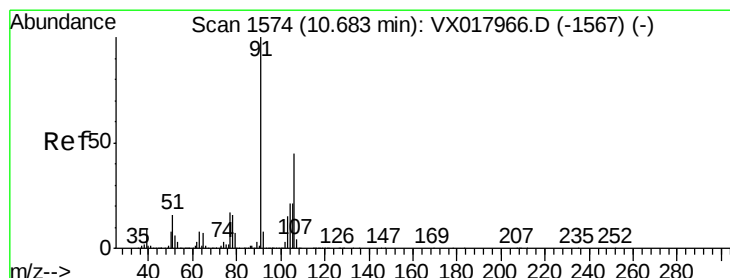
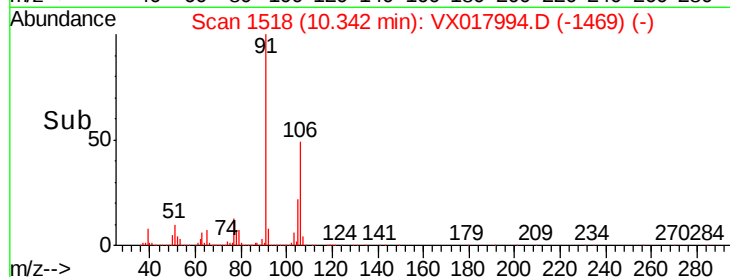
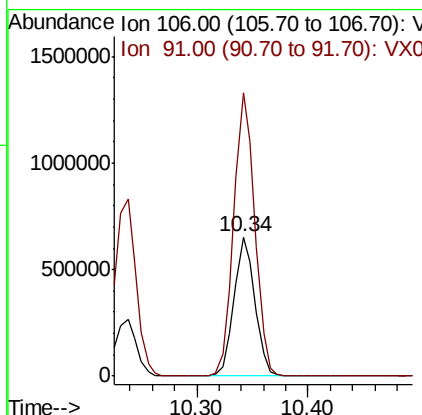
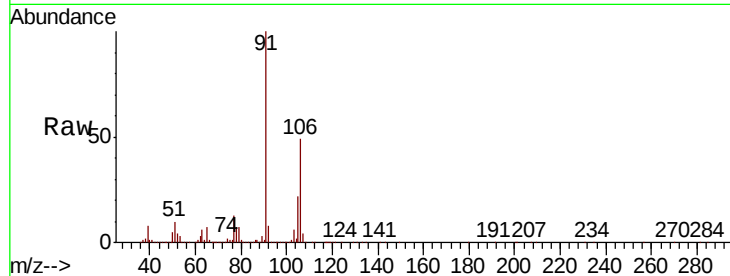




#68
m/p-Xylenes
Concen: 107.731 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

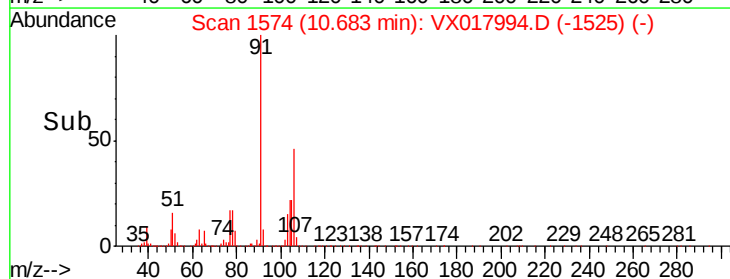
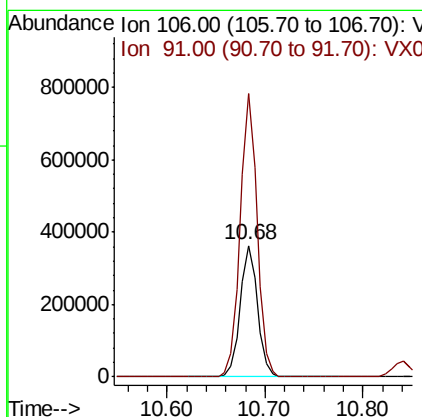
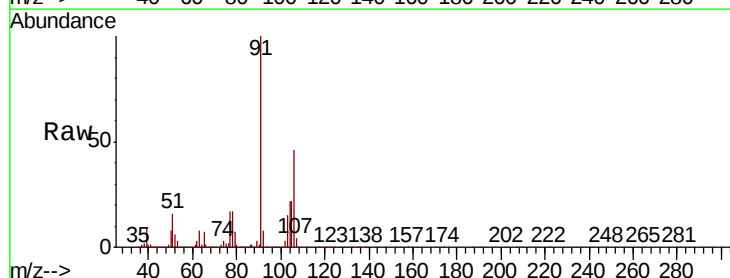
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

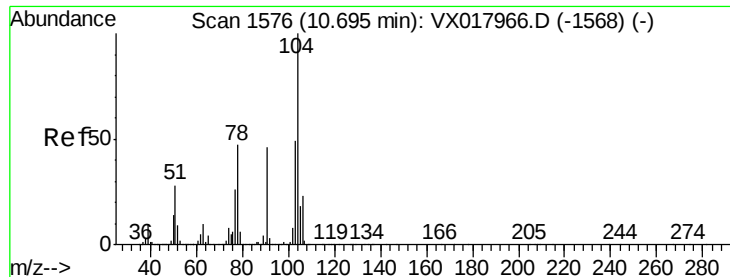
Tot Ion:106 Resp: 846004
Ion Ratio Lower Upper
106 100
91 205.6 167.4 251.2



#69
o-Xylene
Concen: 58.704 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion:106 Resp: 444545
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.2





#70

Stvrene

Concen: 58.353 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

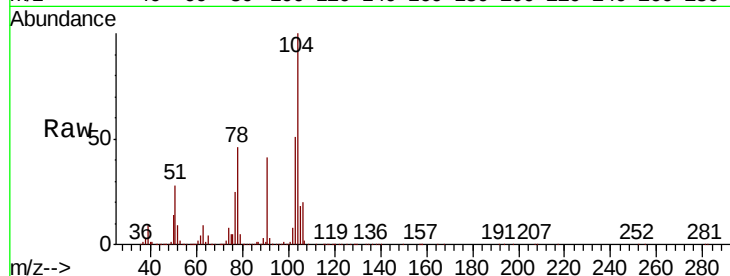
Tot Ion:104 Resp: 762355

Ion Ratio Lower Upper

104 100

78 51.4 41.3 61.9

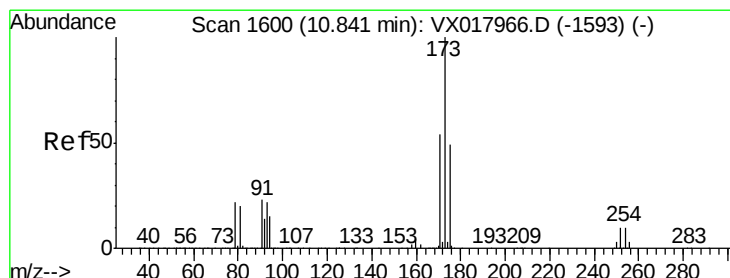
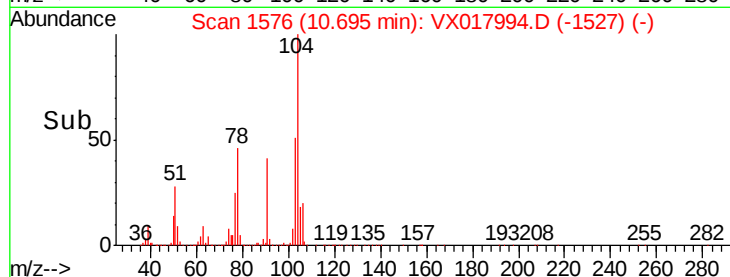
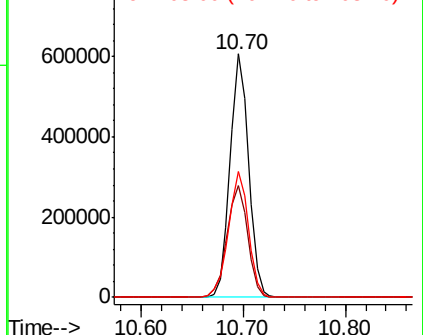
103 55.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.414 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

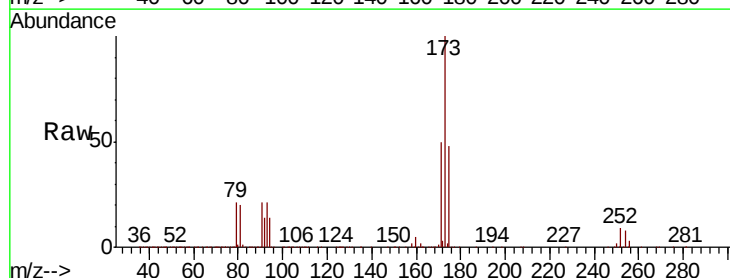
Tgt Ion:173 Resp: 255630

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.2

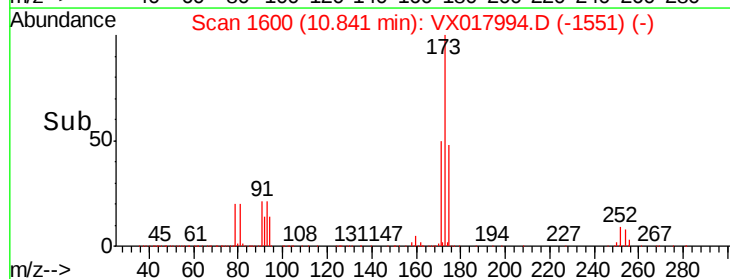
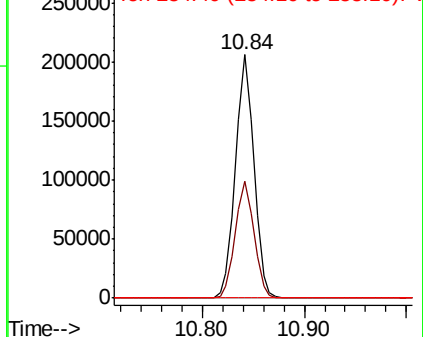
254 0.2 0.2 0.2#

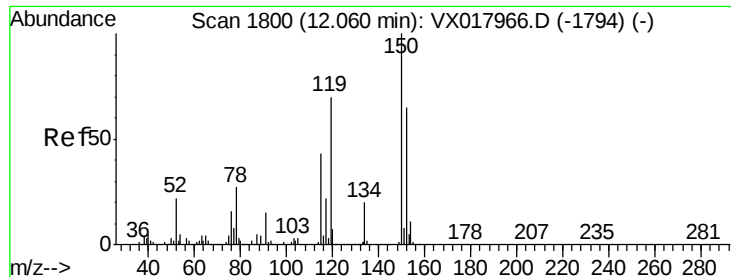


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

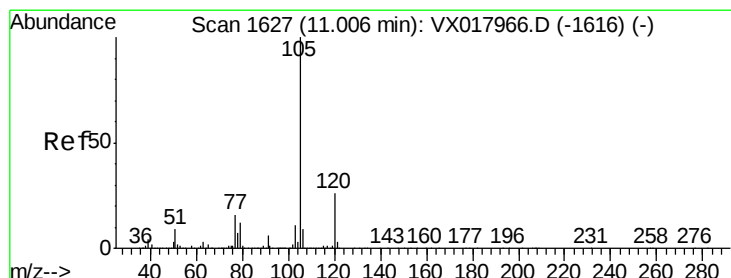
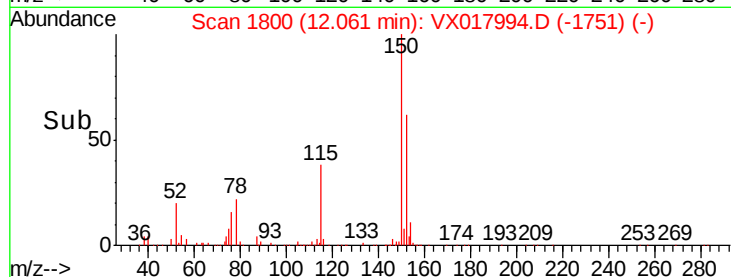
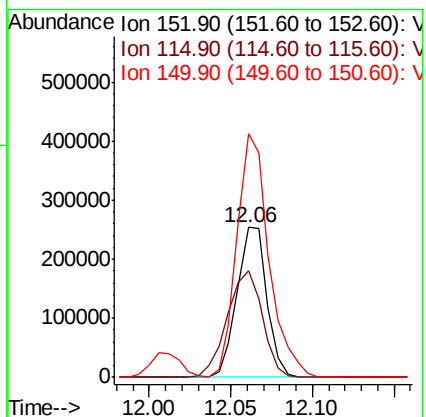
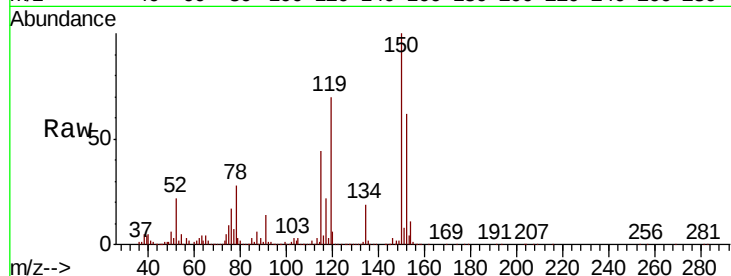
Tot Ion:152 Resp: 324508

Ion Ratio Lower Upper

152 100

115 83.3 40.6 121.7

150 175.0 0.0 346.4



#73

Isopropylbenzene

Concen: 55.686 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX017994.D

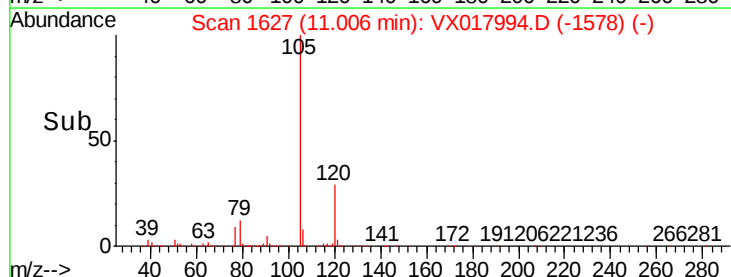
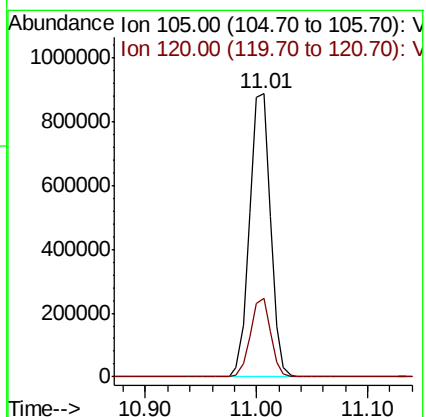
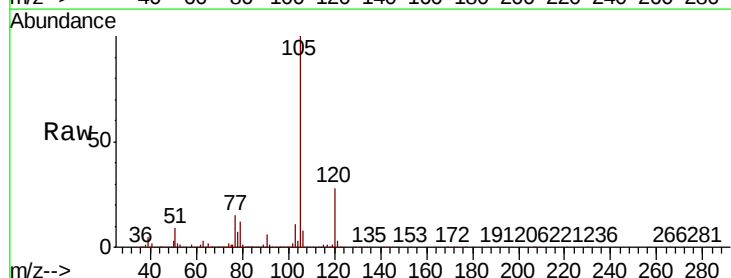
Acq: 19 Aug 2020 18:45

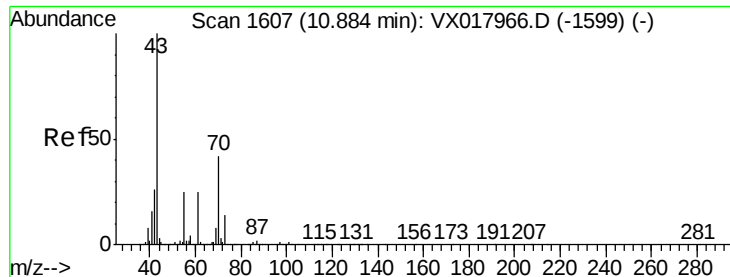
Tgt Ion:105 Resp: 1163123

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

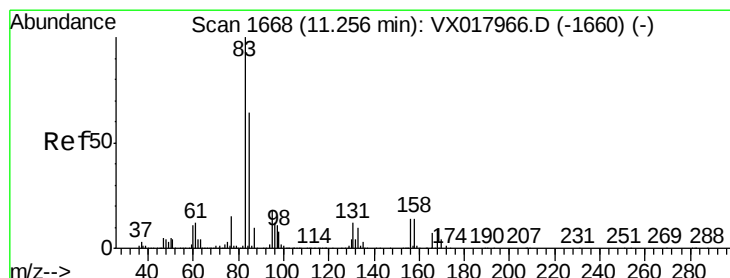
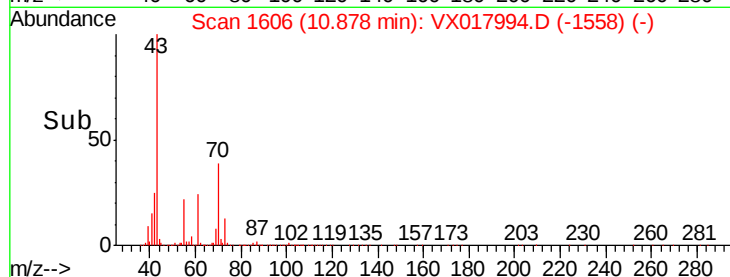
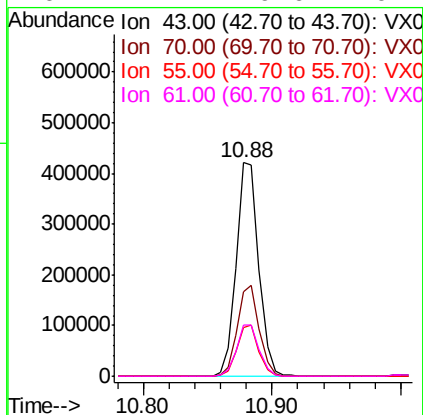
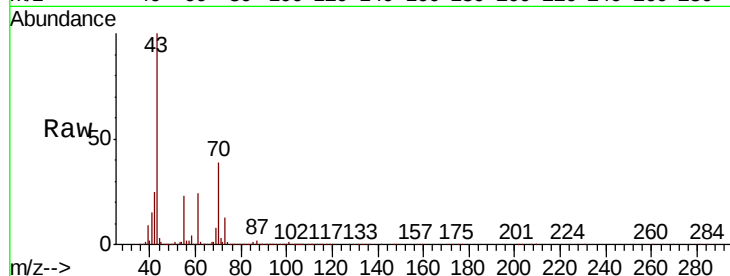




#74
N-amvl acetate
Concen: 54.808 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

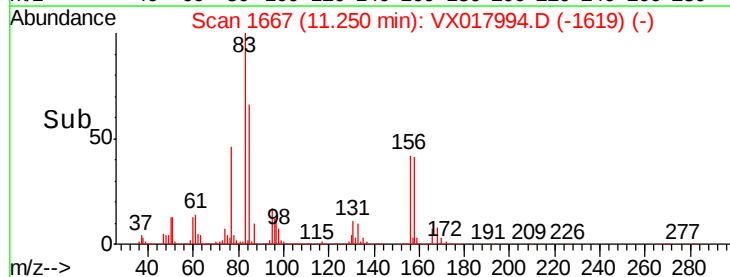
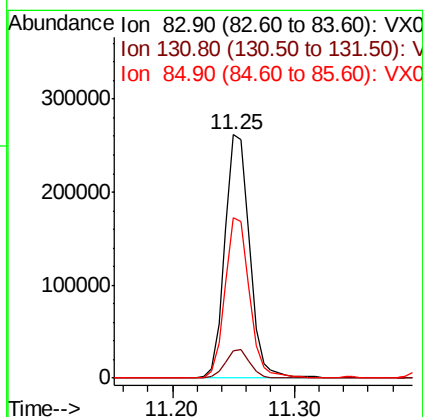
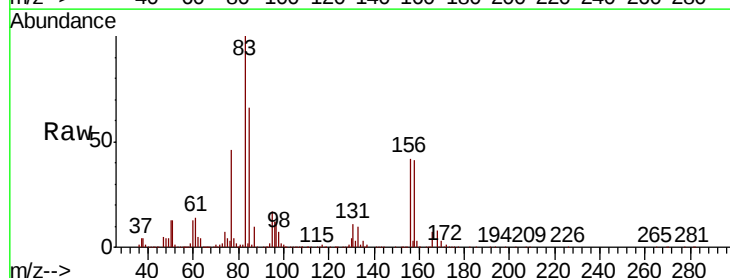
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

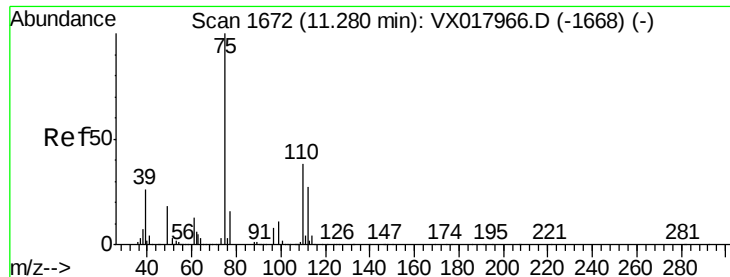
Tot Ion:	43	Resp:	509188
Ion	Ratio	Lower	Upper
43	100		
70	41.3	32.9	49.3
55	23.6	19.3	28.9
61	24.1	19.6	29.4



#75
1,1,2,2-Tetrachloroethane
Concen: 50.182 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion:	83	Resp:	365642
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.0
85	65.0	32.2	96.6





#76

1,2,3-Trichloropropane

Concen: 67.149 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

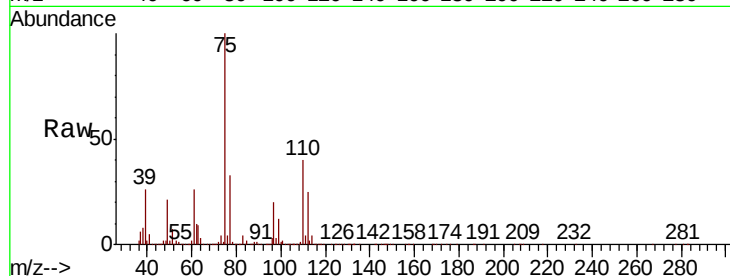
BP-VPB181-GW-258-260MSD

Tot Ion: 75 Resp: 463402

Ion Ratio Lower Upper

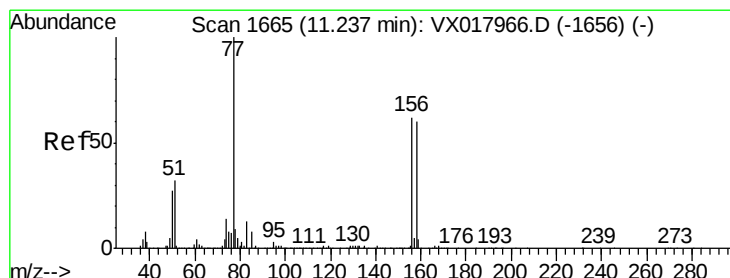
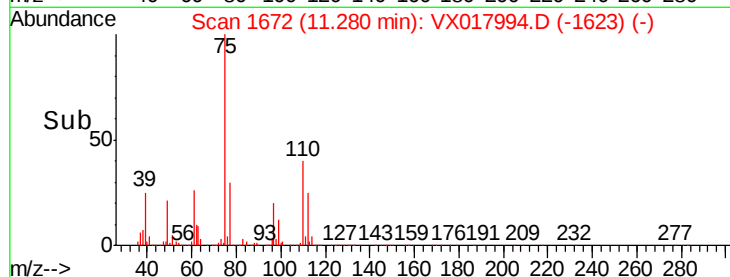
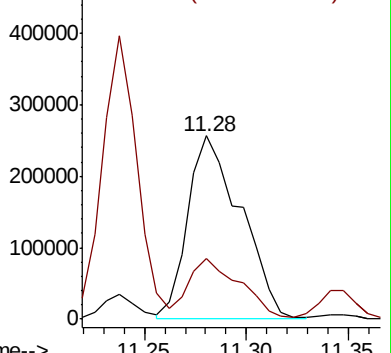
75 100

77 32.0 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 52.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

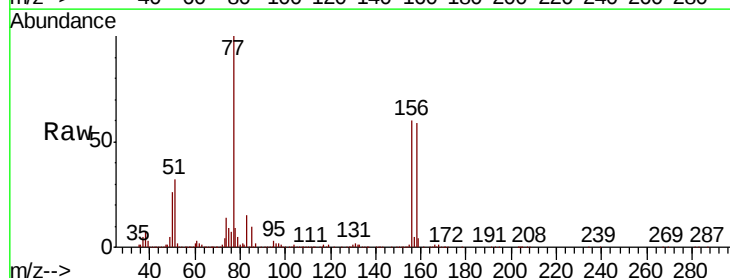
Tgt Ion: 156 Resp: 303271

Ion Ratio Lower Upper

156 100

77 155.2 78.0 234.0

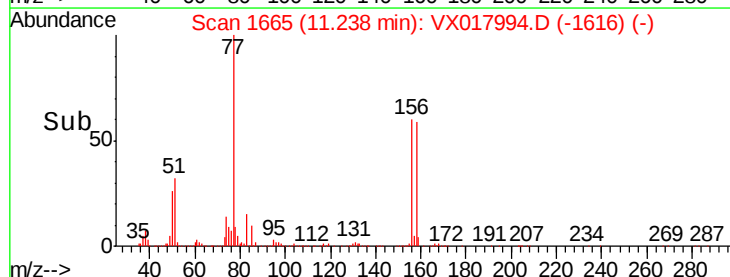
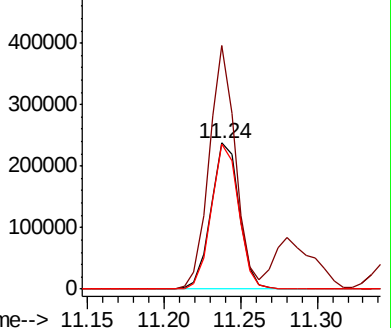
158 96.6 49.2 147.6

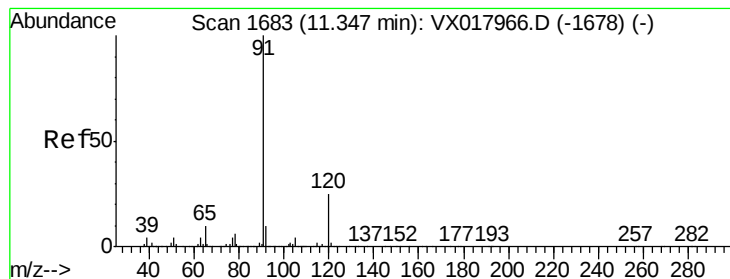


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 53.110 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

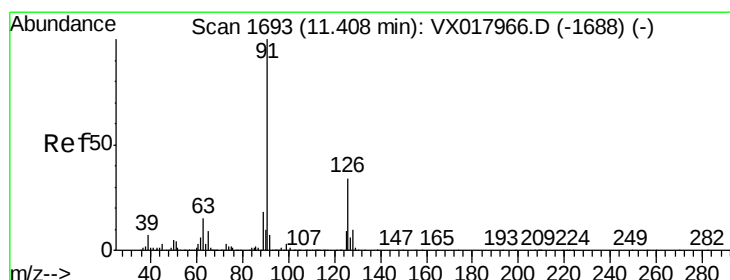
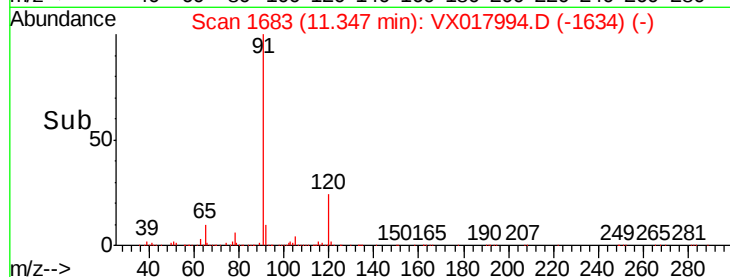
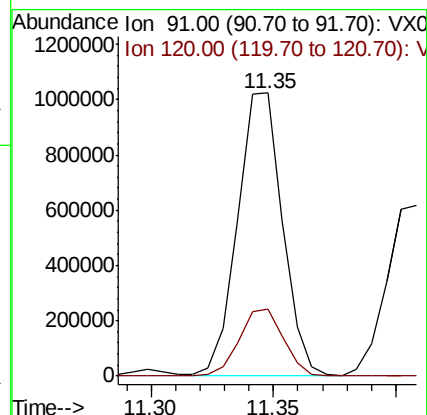
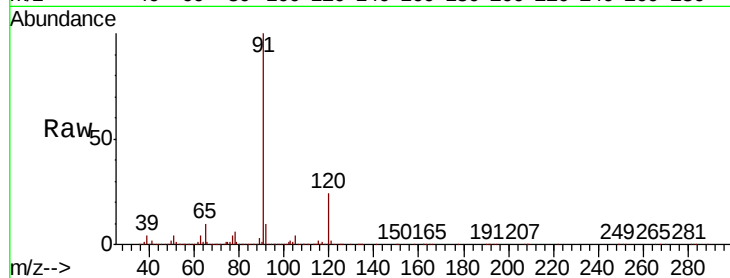
BP-VPB181-GW-258-260MSD

Tot Ion: 91 Resp: 1297475

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1



#79

2-Chlorotoluene

Concen: 52.925 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX017994.D

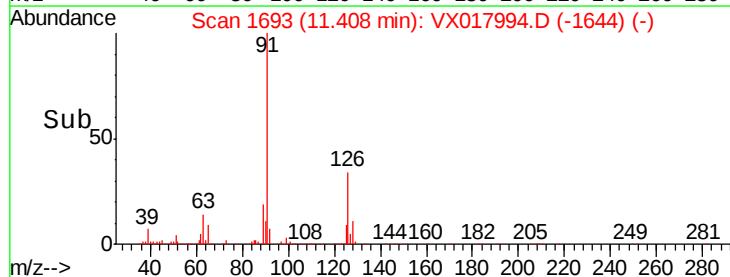
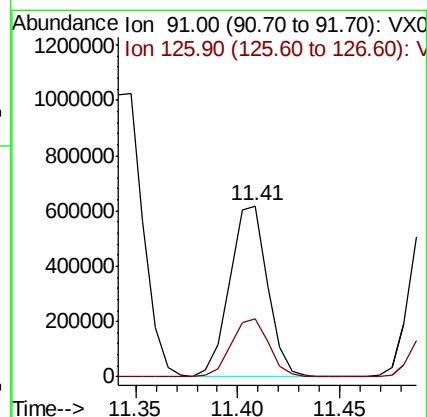
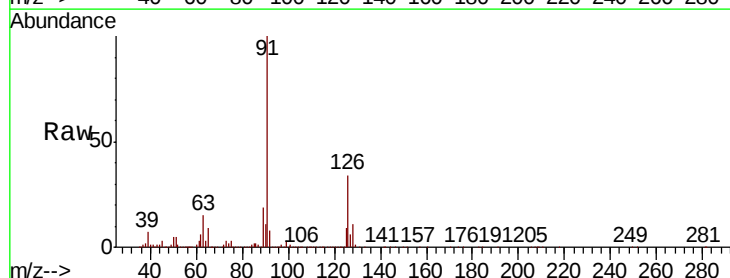
Acq: 19 Aug 2020 18:45

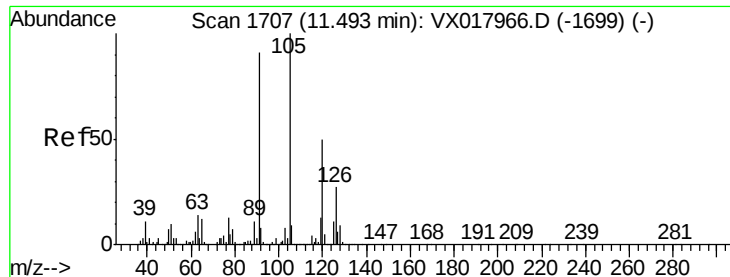
Tgt Ion: 91 Resp: 787956

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2



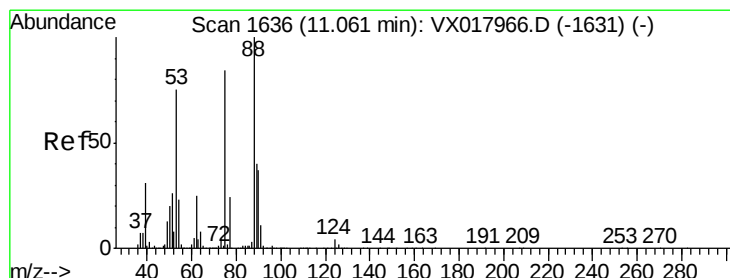
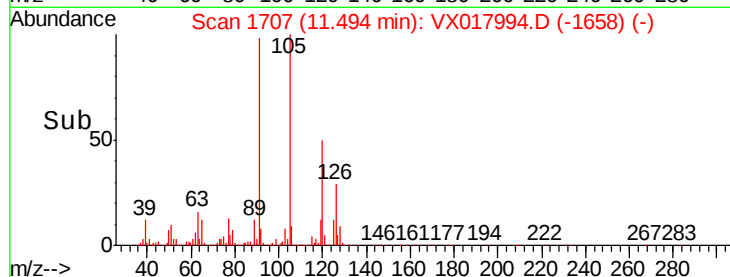
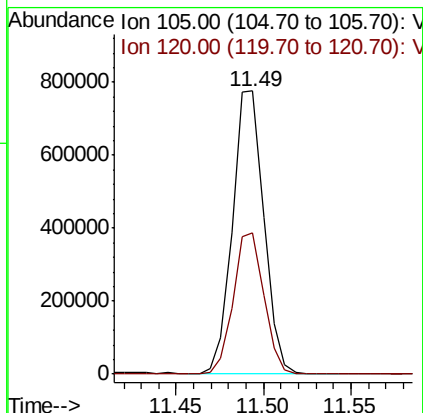
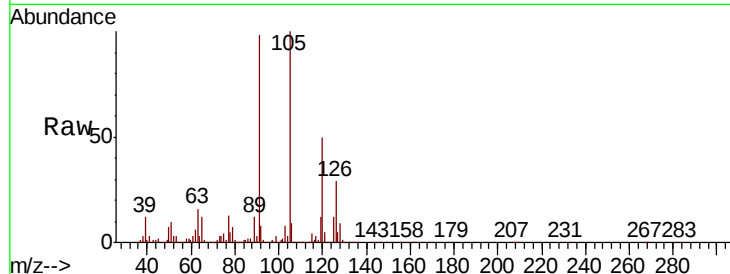


#80

1,3,5-Trimethylbenzene
Concen: 52.855 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

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

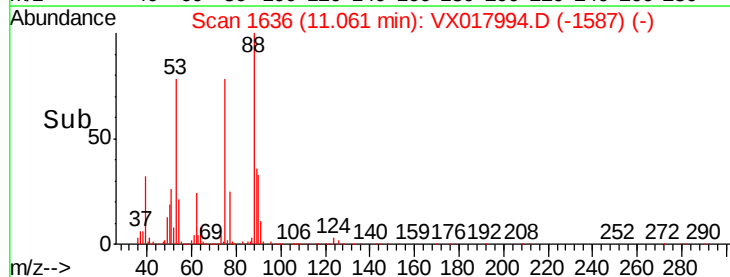
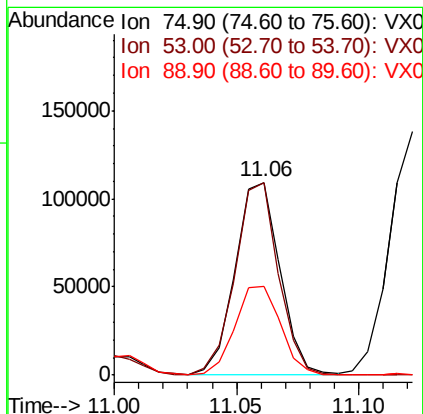
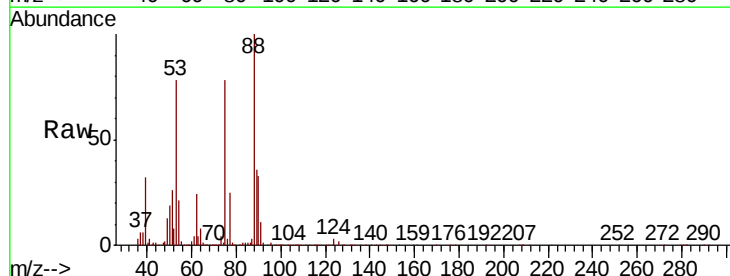
Tot Ion:105 Resp: 969067
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

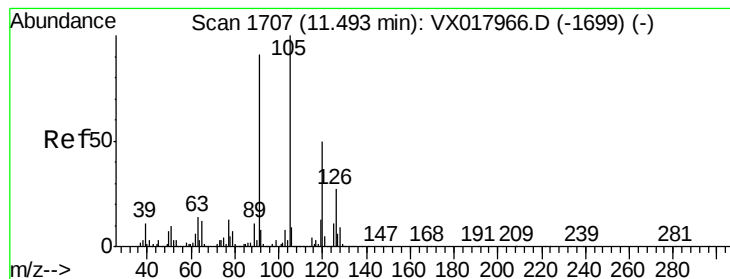


#81

trans-1,4-Dichloro-2-butene
Concen: 52.863 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion: 75 Resp: 138866
Ion Ratio Lower Upper
75 100
53 96.5 75.2 112.8
89 47.1 38.4 57.6





#82

4-Chlorotoluene

Concen: 53.319 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

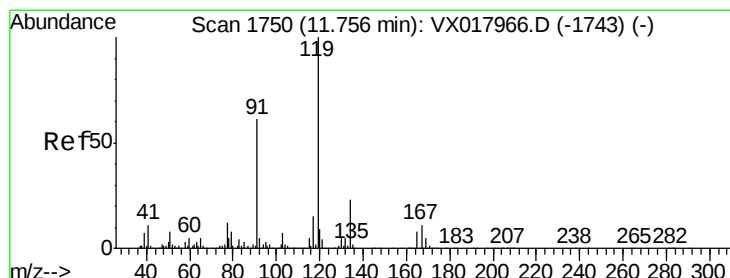
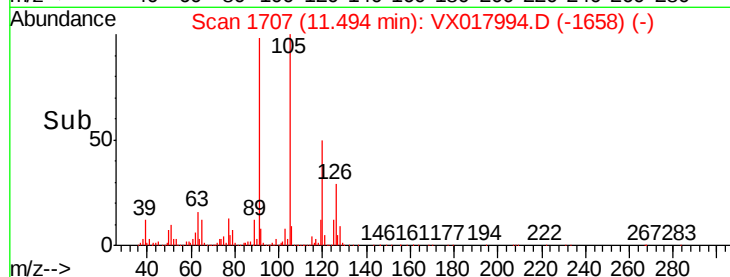
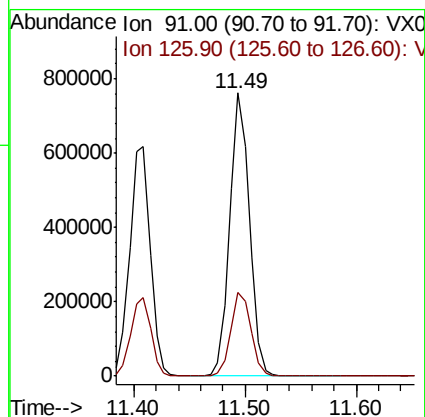
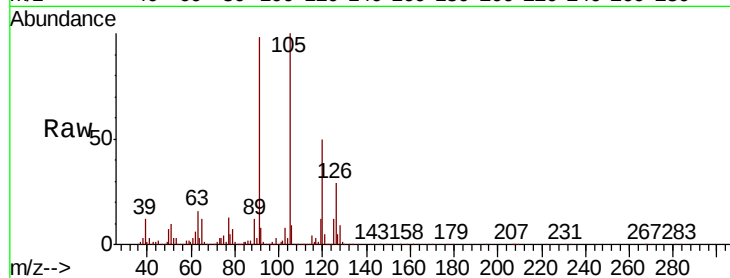
BP-VPB181-GW-258-260MSD

Tot Ion: 91 Resp: 933511

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0



#83

tert-Butylbenzene

Concen: 56.249 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

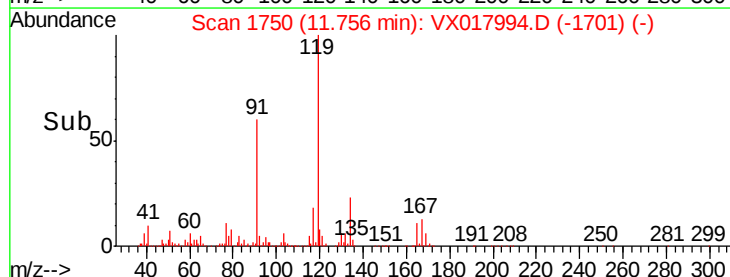
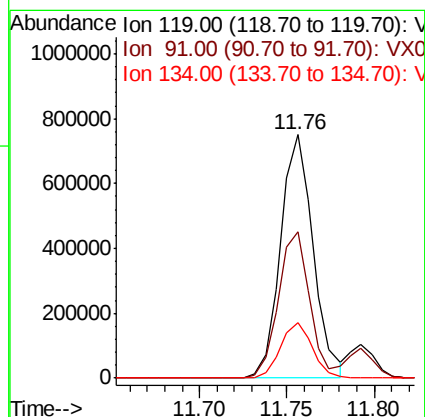
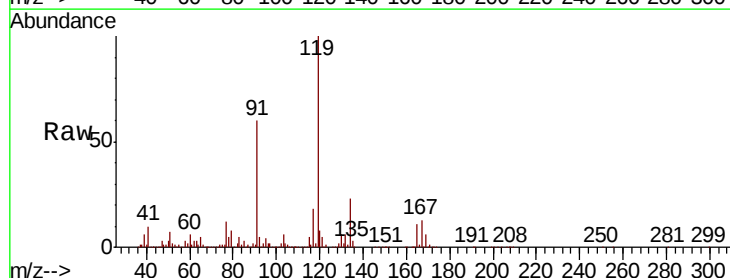
Tgt Ion: 119 Resp: 973924

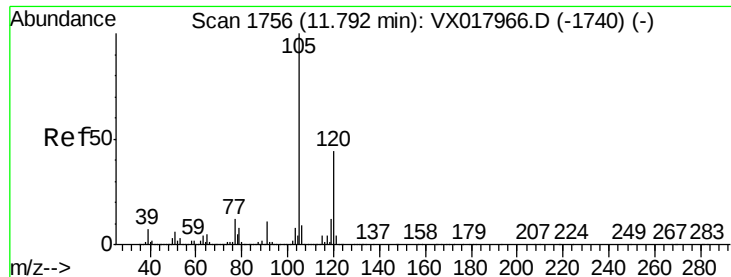
Ion Ratio Lower Upper

119 100

91 57.3 30.1 90.5

134 22.3 11.1 33.1





#84

1,2,4-Trimethylbenzene

Concen: 52.885 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

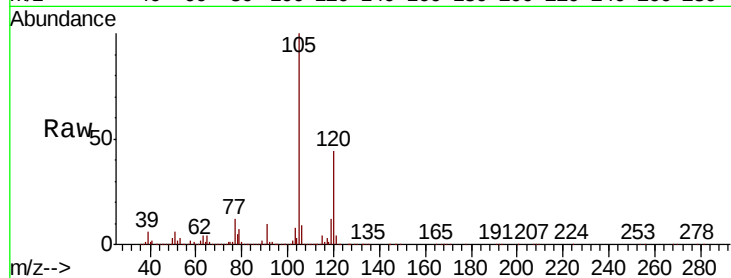
BP-VPB181-GW-258-260MSD

Tot Ion:105 Resp: 1003801

Ion Ratio Lower Upper

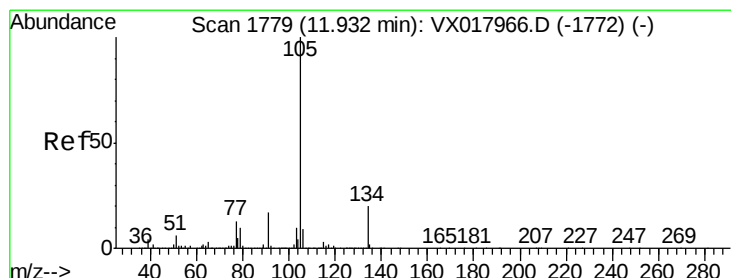
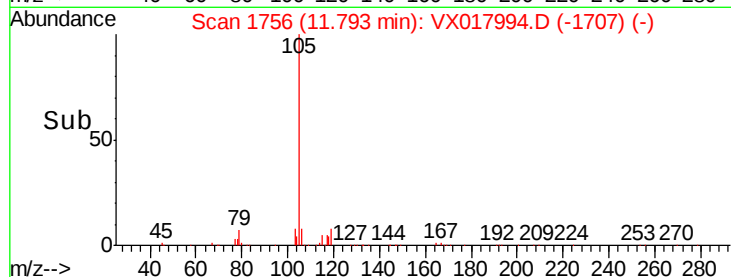
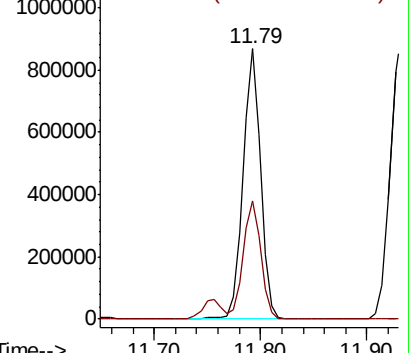
105 100

120 44.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.531 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017994.D

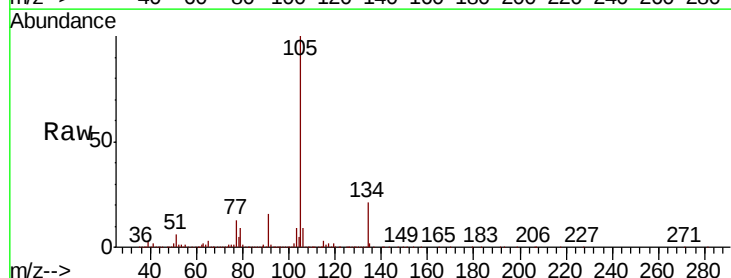
Acq: 19 Aug 2020 18:45

Tgt Ion:105 Resp: 1097965

Ion Ratio Lower Upper

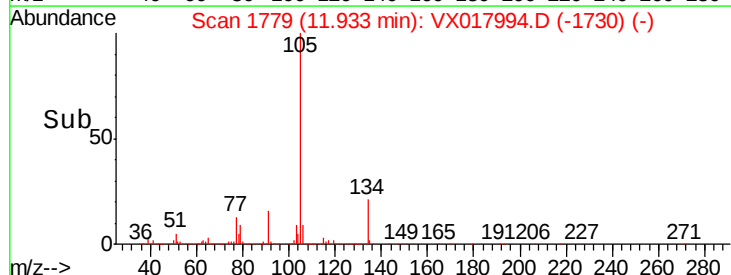
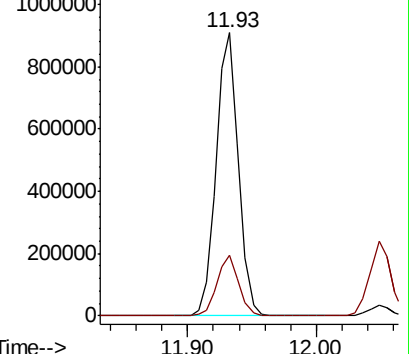
105 100

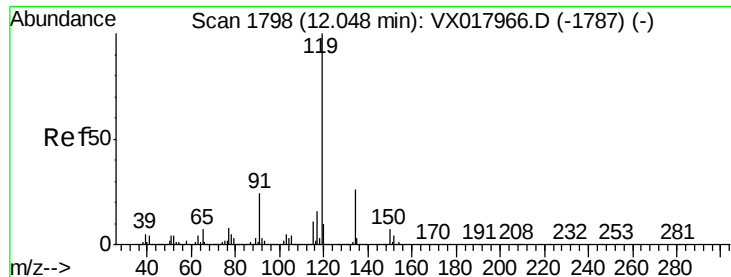
134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

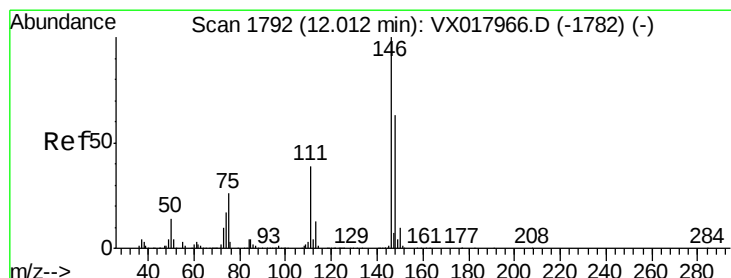
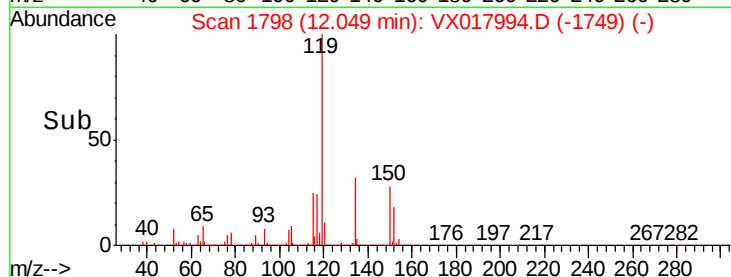
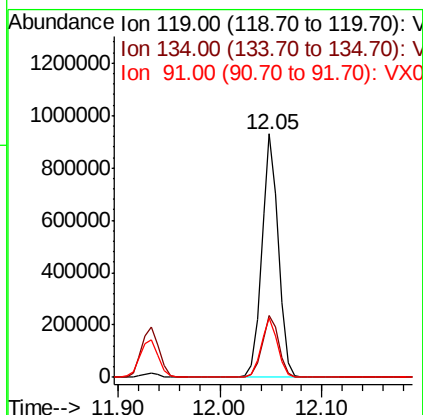
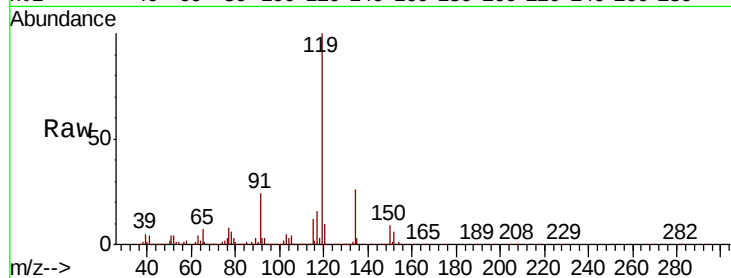




#86
p-Isopropyltoluene
Concen: 54.338 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

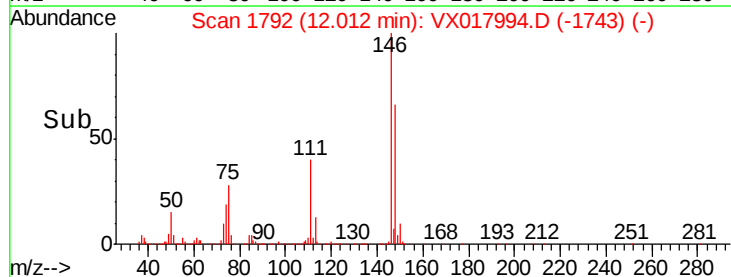
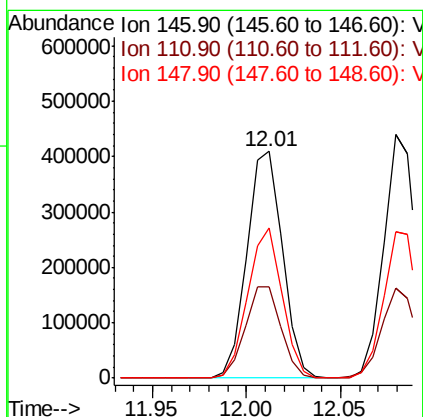
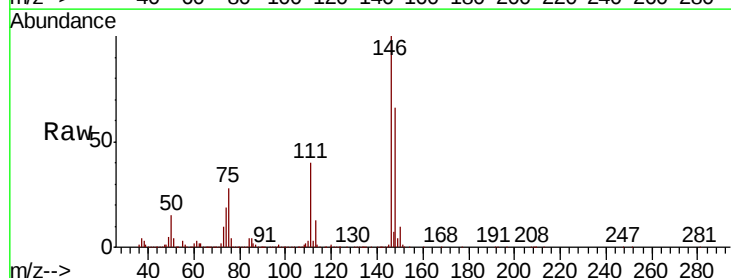
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

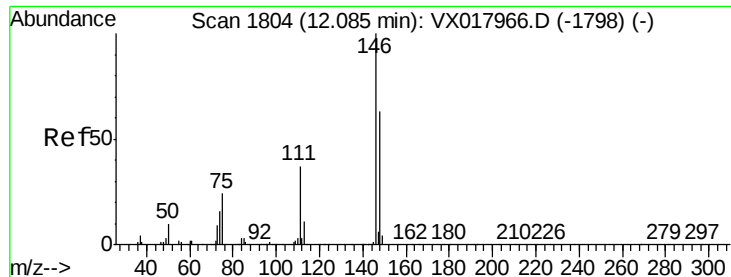
Tot Ion:119 Resp: 1056494
Ion Ratio Lower Upper
119 100
134 26.0 12.7 38.0
91 23.9 12.2 36.4



#87
1,3-Dichlorobenzene
Concen: 50.975 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017994.D
Acq: 19 Aug 2020 18:45

Tgt Ion:146 Resp: 537647
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.3
148 63.9 31.6 95.0

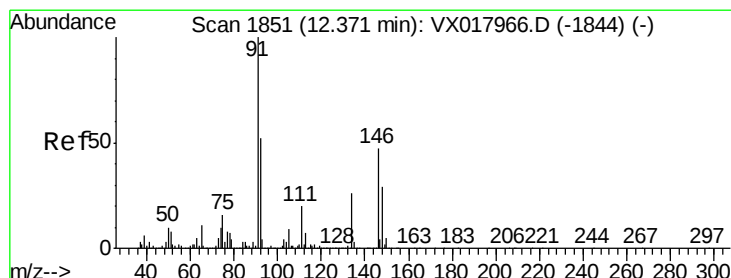
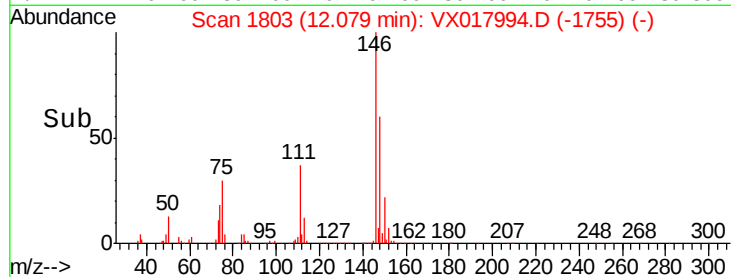
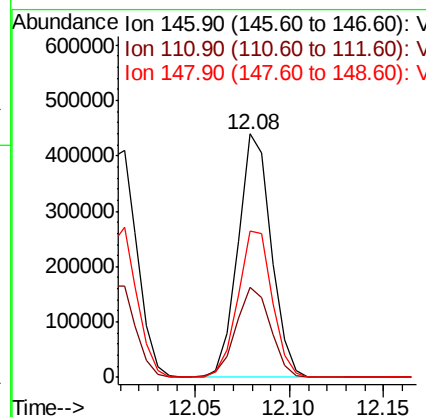
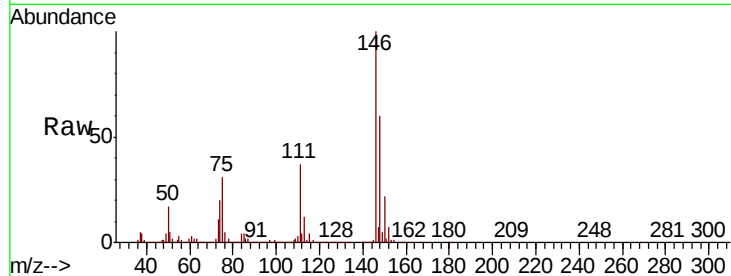




#88
 1,4-Dichlorobenzene
 Concen: 51.968 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

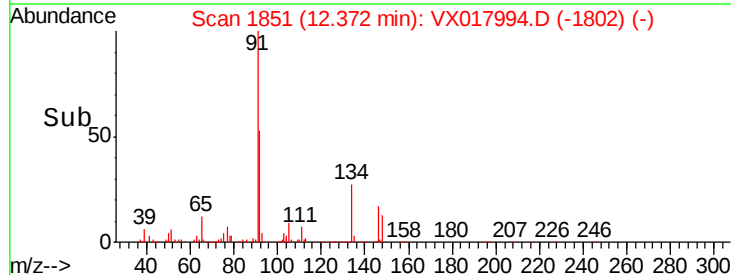
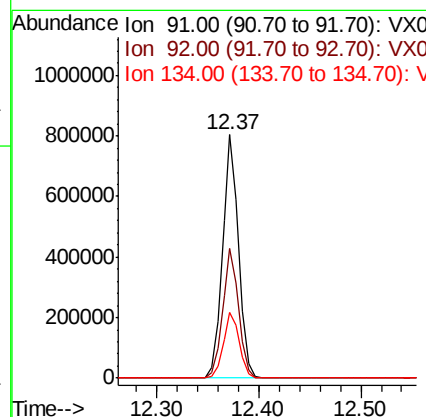
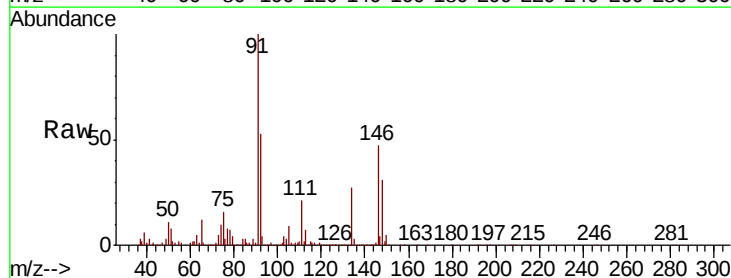
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

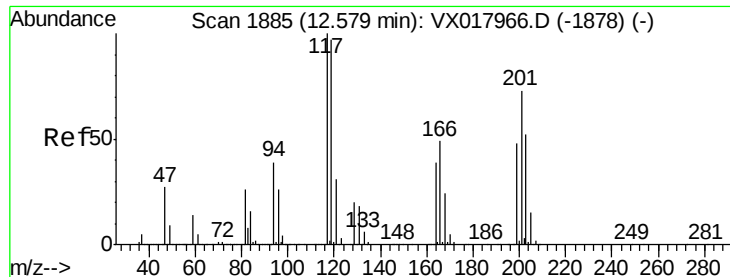
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.1
148	62.3	31.9	95.7



#89
 n-Butylbenzene
 Concen: 55.116 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.7	77.0
134	27.0	13.4	40.2





#90

Hexachloroethane

Concen: 55.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

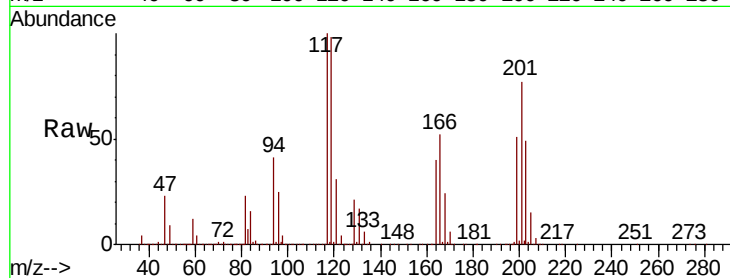
BP-VPB181-GW-258-260MSD

Tot Ion:117 Resp: 216457

Ion Ratio Lower Upper

117 100

201 77.2 40.8 122.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

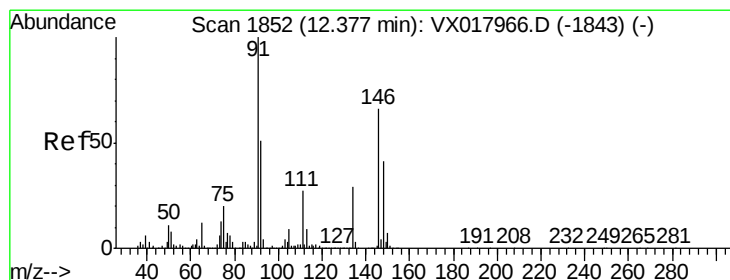
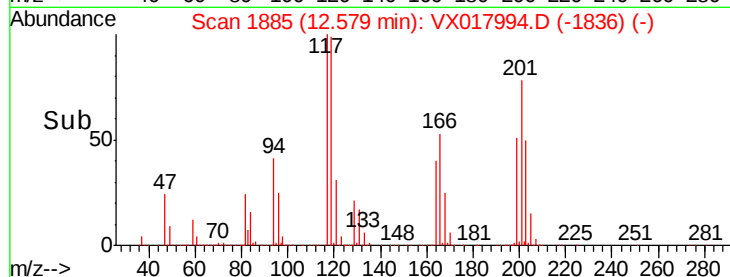
150000

100000

50000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 54.271 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

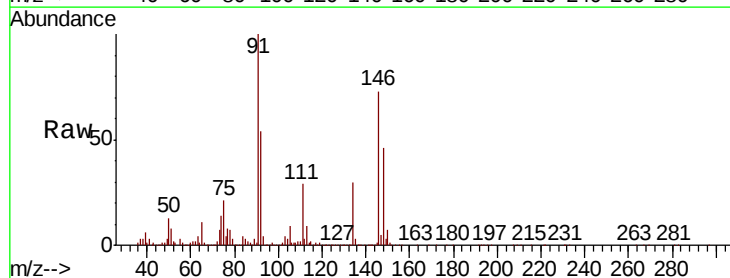
Tgt Ion:146 Resp: 528413

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.9 31.2 93.6



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

12.38

600000

500000

400000

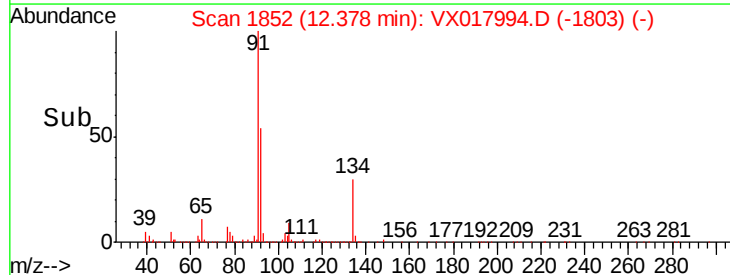
300000

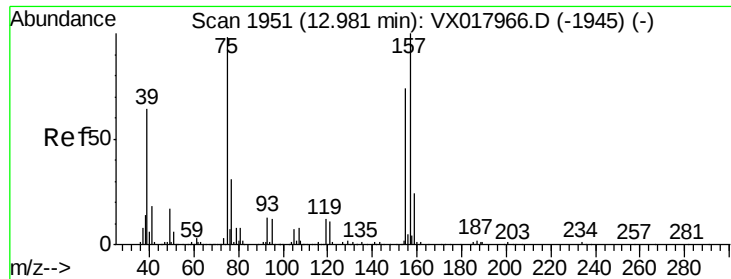
200000

100000

0

Time--> 12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 57.102 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

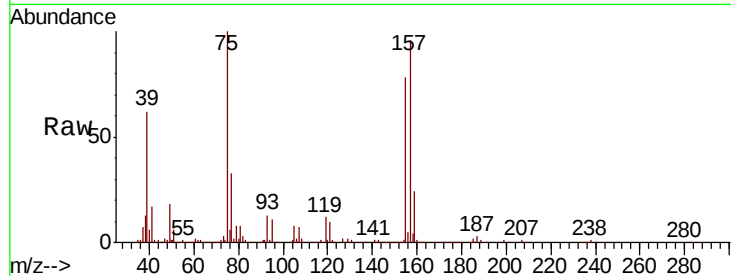
Tot Ion: 75 Resp: 105986

Ion Ratio Lower Upper

75 100

155 81.9 40.5 121.5

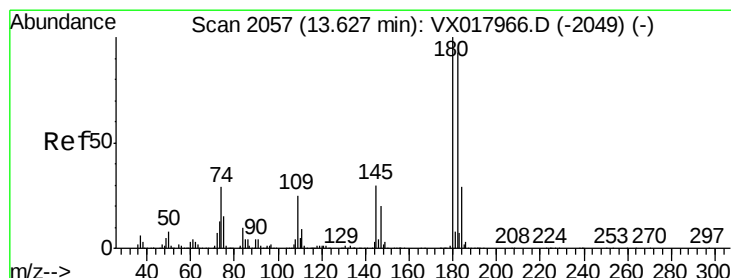
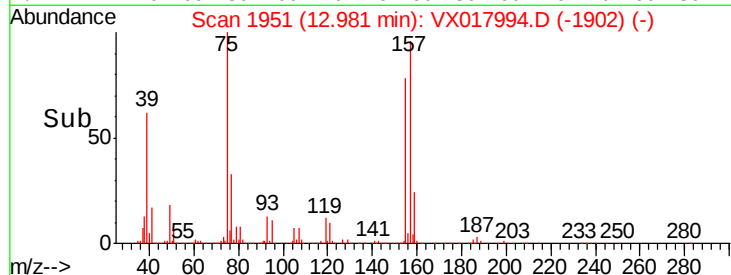
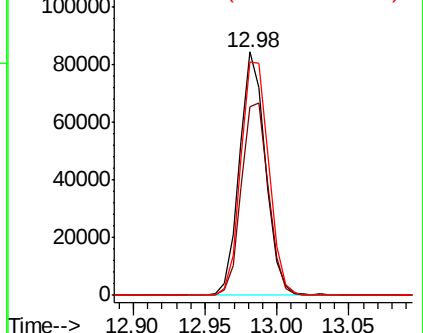
157 102.7 54.4 163.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 53.337 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

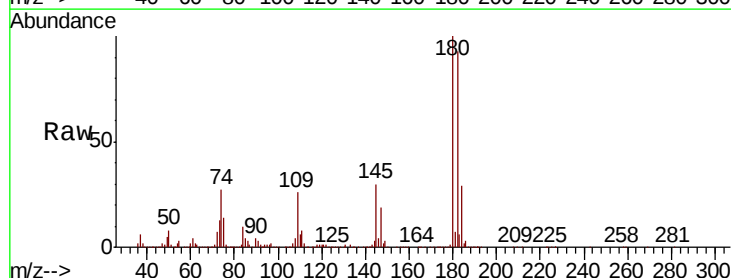
Tgt Ion:180 Resp: 341645

Ion Ratio Lower Upper

180 100

182 96.9 48.8 146.4

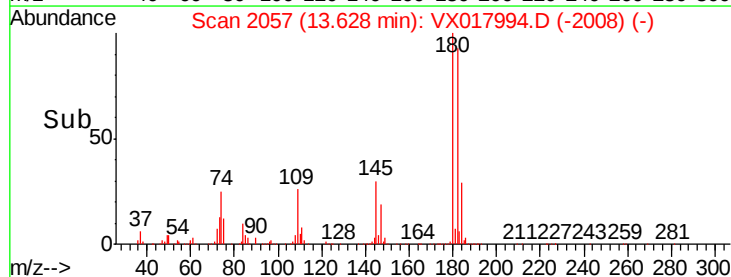
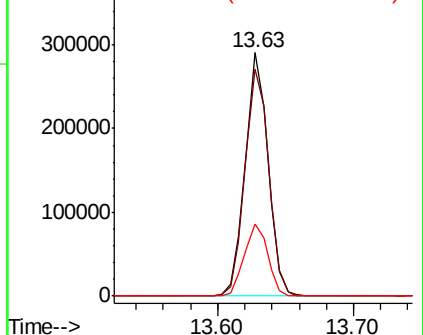
145 30.8 16.0 48.0

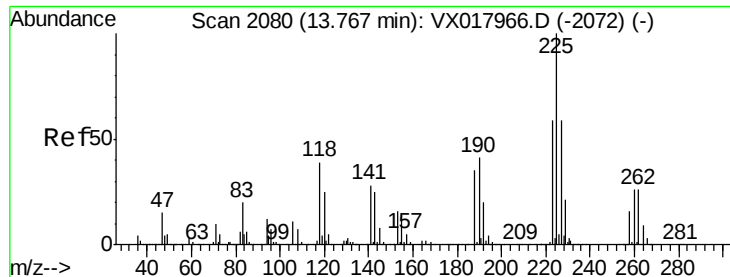


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 51.811 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260MSD

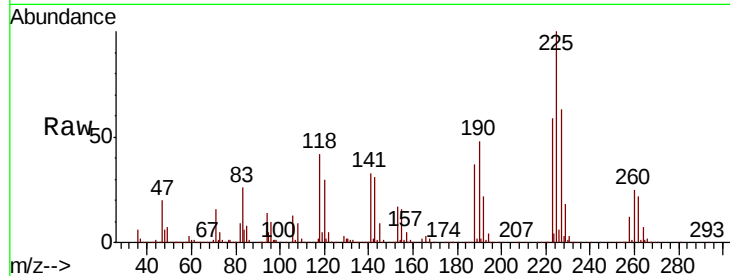
Tot Ion:225 Resp: 141628

Ion Ratio Lower Upper

225 100

223 60.6 32.1 96.3

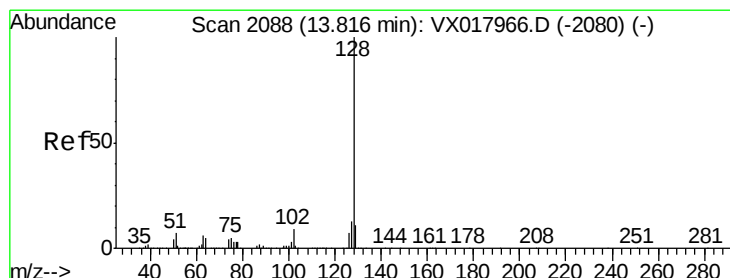
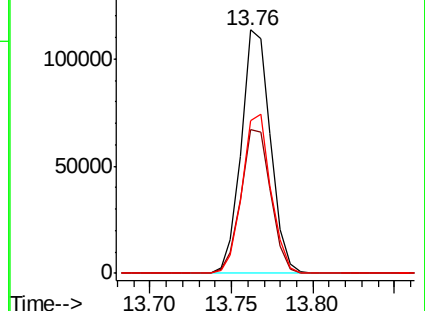
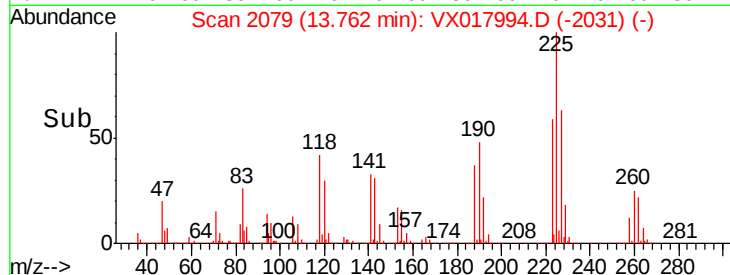
227 64.2 29.8 89.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 56.133 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017994.D

Acq: 19 Aug 2020 18:45

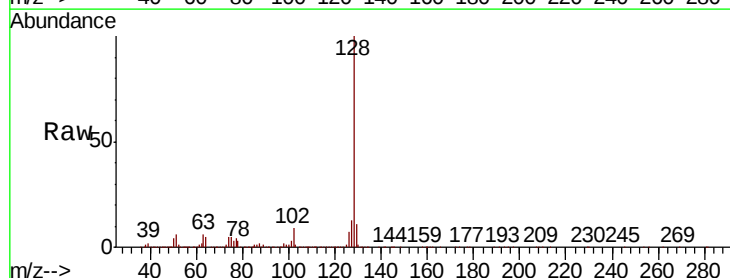
Tgt Ion:128 Resp: 1134953

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

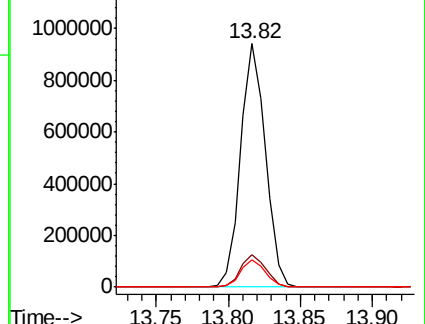
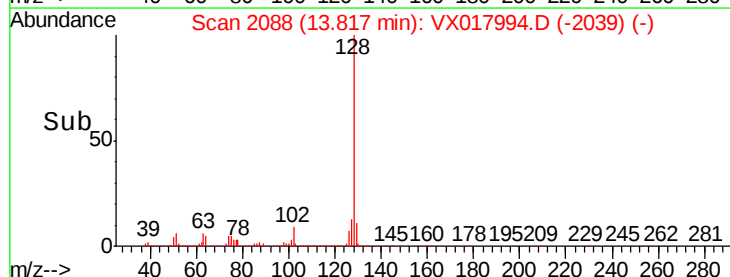
129 11.1 8.6 13.0

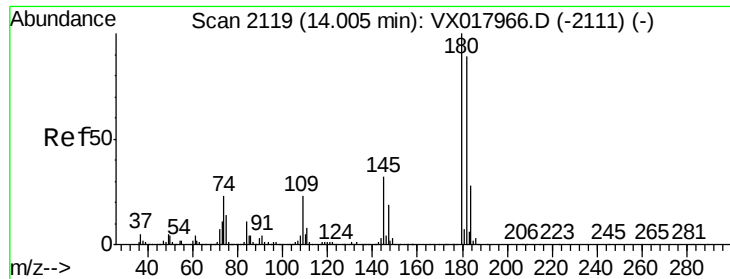


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

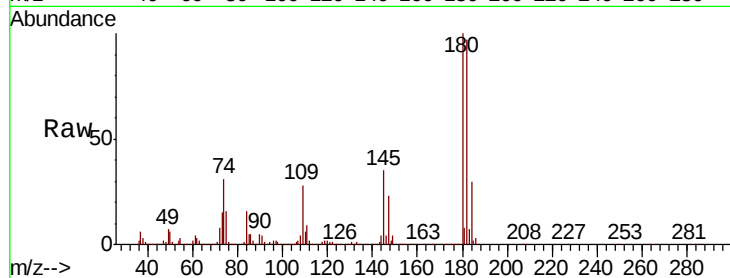




#96
 1,2,3-Trichlorobenzene
 Concen: 52.471 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017994.D
 Acq: 19 Aug 2020 18:45

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.6	139.8
145	34.0	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

