

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017810.D
 Acq On : 06 Aug 2020 16:57
 Operator : JC/SP
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 01:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	303418	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	294445	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	162859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	237578	10.25	ug/L	0.00
7) Chloroethane-d5	1.68	69	187399	11.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	507972	11.34	ug/L	0.00
20) 2-Butanone-d5	4.54	46	685498	149.66	ug/L	0.00
24) Chloroform-d	5.14	84	503856	12.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	267048	11.66	ug/L	0.00
32) Benzene-d6	6.05	84	951440	12.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	286265	12.80	ug/L	0.00
41) Toluene-d8	8.70	98	902482	12.53	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	125536	12.97	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	562341	155.81	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	226720	13.19	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	357597	12.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	400543	11.919 ug/L	97
3) Chloromethane	1.31	50	338691	11.027 ug/L	97
5) Vinyl chloride	1.39	62	324200	11.078 ug/L	96
6) Bromomethane	1.62	94	190755	11.636 ug/L	92
8) Chloroethane	1.70	64	182450	11.269 ug/L	98
9) Trichlorofluoromethane	1.91	101	534627	12.456 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	294674	12.498 ug/L	99
12) 1,1-Dichloroethene	2.35	96	265338	12.115 ug/L #	82
13) Acetone	2.42	43	470292	130.410 ug/L	98
14) Carbon disulfide	2.54	76	950666	12.782 ug/L	99
15) Methyl Acetate	2.75	43	127616	12.076 ug/L	95
16) Methylene chloride	2.83	84	297319	9.908 ug/L	94
17) Methyl tert-butyl Ether	3.17	73	734802	13.868 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	305351	13.046 ug/L	96
19) 1,1-Dichloroethane	3.67	63	539424	12.979 ug/L	99
21) 2-Butanone	4.64	43	841896	144.515 ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	322458	13.902 ug/L #	99
23) Bromochloromethane	4.98	128	151071	13.413 ug/L	95
25) Chloroform	5.18	83	573349	13.090 ug/L	99
27) 1,2-Dichloroethane	6.16	62	374257	13.313 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	545558	13.159 ug/L	100
30) Cyclohexane	5.54	56	498063	14.845 ug/L	97
31) Carbon tetrachloride	5.75	117	512586	13.700 ug/L	99
33) Benzene	6.11	78	1197899	13.241 ug/L	100
34) Trichloroethene	7.19	95	340228	13.676 ug/L	97
35) Methylcyclohexane	7.44	83	516296	15.255 ug/L	99
37) 1,2-Dichloropropane	7.49	63	302910	13.497 ug/L	99
38) Bromodichloromethane	7.87	83	419718	13.521 ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	465884	13.992 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	2056410	151.565 ug/L	99

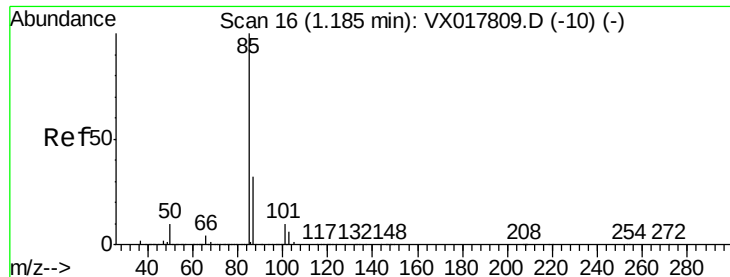
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017810.D
 Acq On : 06 Aug 2020 16:57
 Operator : JC/SP
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 ClientSampleId :

Quant Time: Aug 07 02:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 01:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	1327152	14.328	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	1286785	14.888	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	1328565	15.304	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	420796	14.453	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	224185	13.975	ug/L	97
49) Tetrachloroethene	9.32	164	280355	13.828	ug/L	98
50) 2-Hexanone	9.48	43	1483907	149.391	ug/L	99
51) Dibromochloromethane	9.57	129	308104	13.910	ug/L	94
52) 1,2-Dibromoethane	9.65	107	223017	13.980	ug/L #	99
53) Chlorobenzene	10.12	112	862863	13.860	ug/L	97
54) Ethylbenzene	10.24	91	1470082	14.743	ug/L	100
55) m,p-xylene	10.34	106	564819	14.217	ug/L	97
56) o-xylene	10.68	106	552114	14.259	ug/L	92
57) Styrene	10.70	104	960044	14.905	ug/L	96
58) Isopropylbenzene	11.00	105	1488184	14.847	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	256875	13.945	ug/L	100
62) Bromoform	10.84	173	189692	13.902	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	722564	13.039	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	719721	13.158	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	676199	13.206	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	55908	12.503	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	544932	12.146	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	482160	14.109	ug/L	100
70) Naphthalene	13.82	128	931274	15.540	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	450557	14.199	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 11.919 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

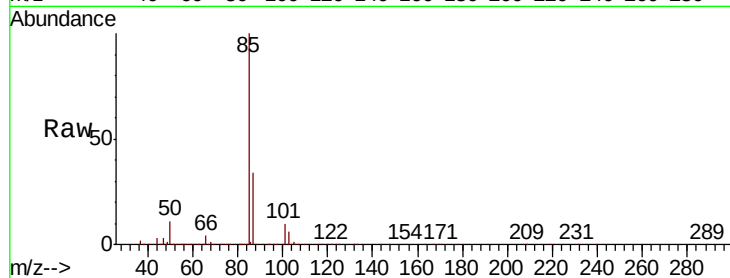
ClientSampleId :

Tot Ion: 85 Resp: 400543

Ion Ratio Lower Upper

85 100

87 33.4 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

400000

300000

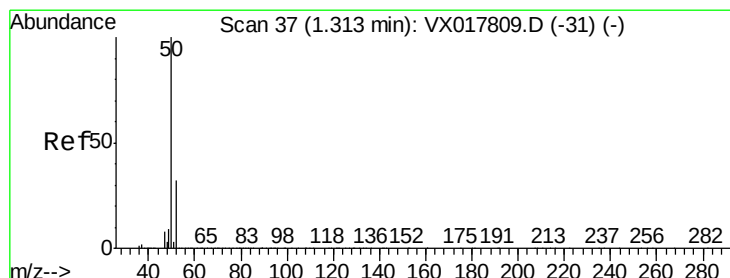
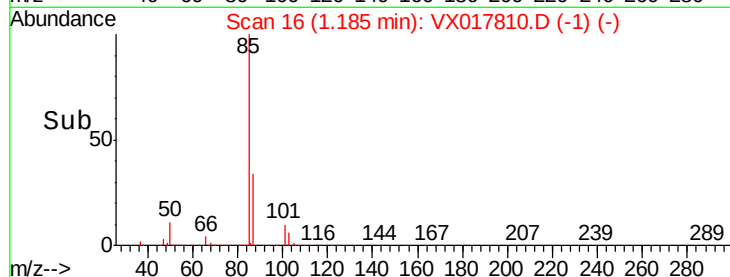
200000

100000

0

Time-->

1.10 1.15 1.20 1.25 1.30



#3

Chloromethane

Concen: 11.027 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017810.D

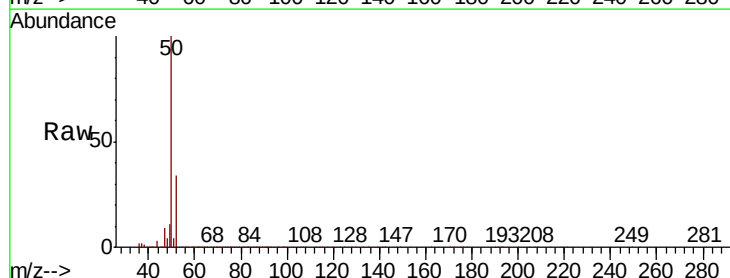
Acq: 06 Aug 2020 16:57

Tgt Ion: 50 Resp: 338691

Ion Ratio Lower Upper

50 100

52 33.8 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

300000

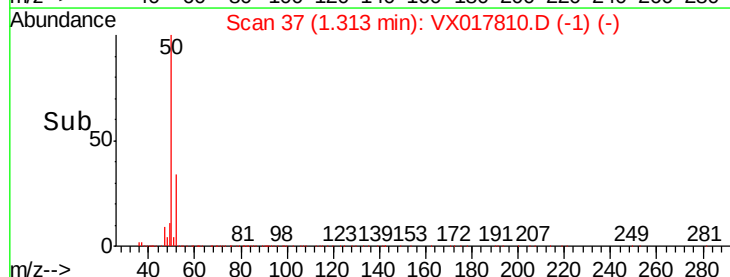
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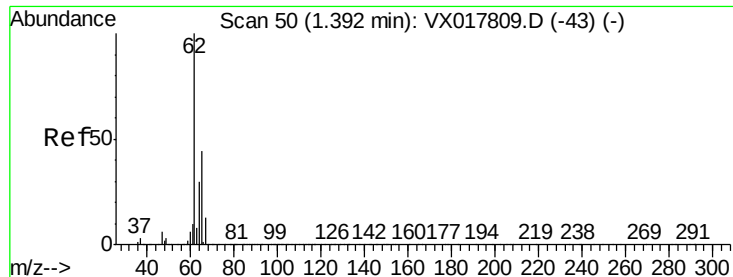
100000

0

Time-->

1.25 1.30 1.35 1.40





#5

Vinyl chloride

Concen: 11.078 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

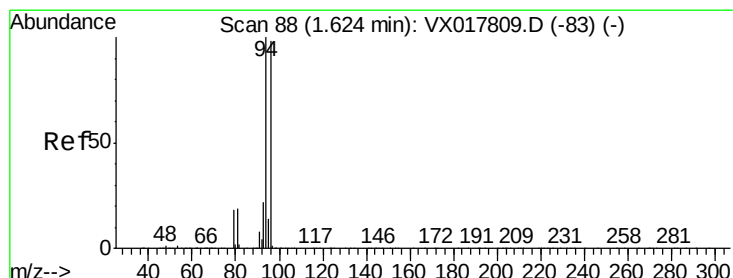
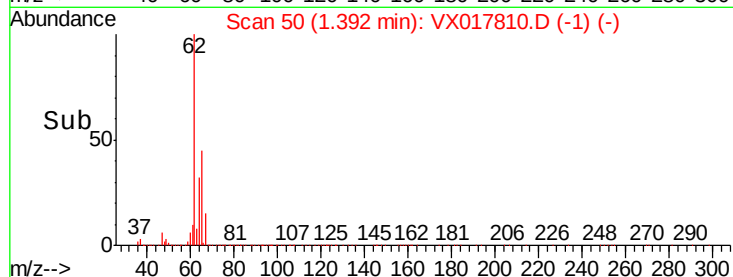
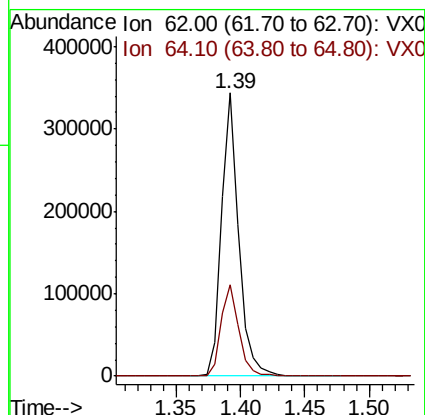
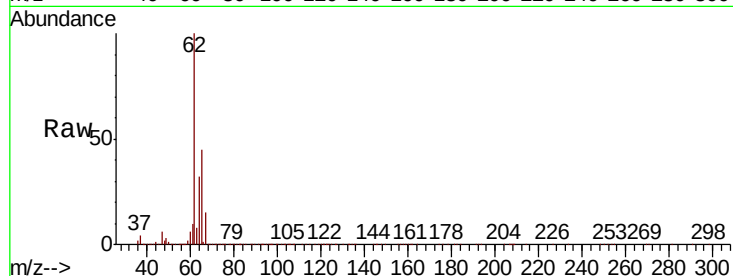
ClientSampleId :

Tot Ion: 62 Resp: 324200

Ion Ratio Lower Upper

62 100

64 32.4 21.3 39.6



#6

Bromomethane

Concen: 11.636 ug/L

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX017810.D

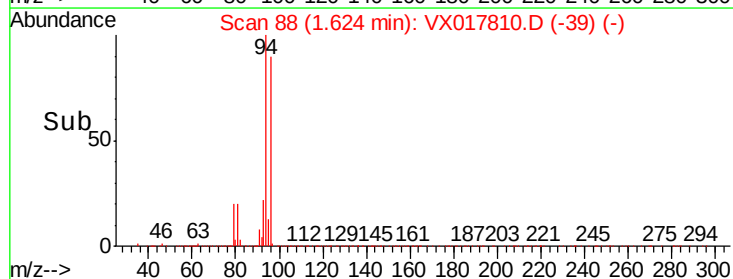
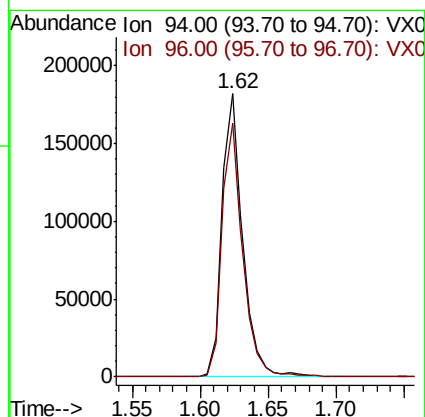
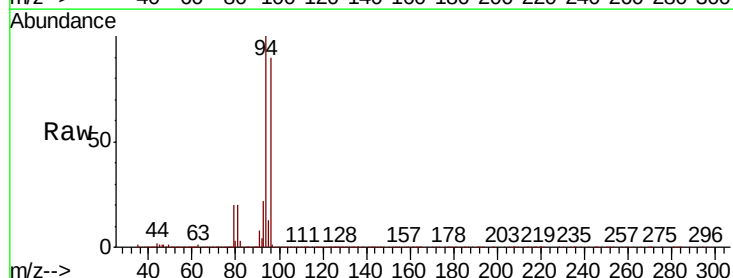
Acq: 06 Aug 2020 16:57

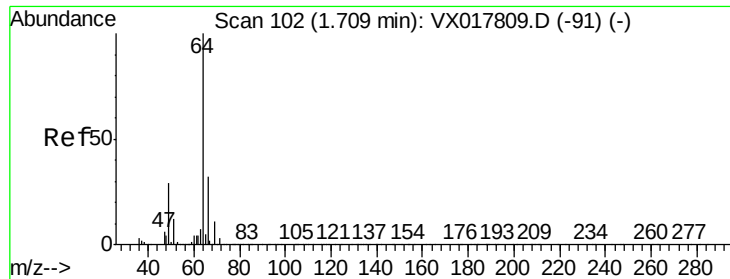
Tgt Ion: 94 Resp: 190755

Ion Ratio Lower Upper

94 100

96 89.8 68.5 127.1





#8

Chloroethane

Concen: 11.269 ug/L

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

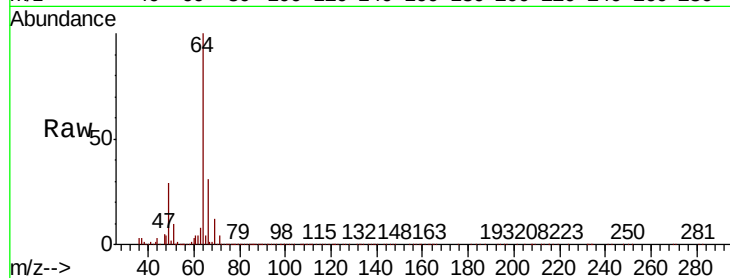
ClientSampleId :

Tot Ion: 64 Resp: 182450

Ion Ratio Lower Upper

64 100

66 31.2 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.70

150000

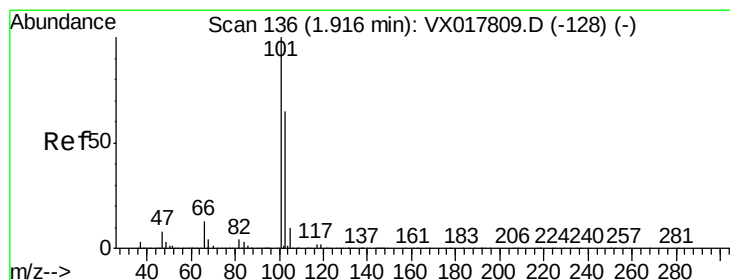
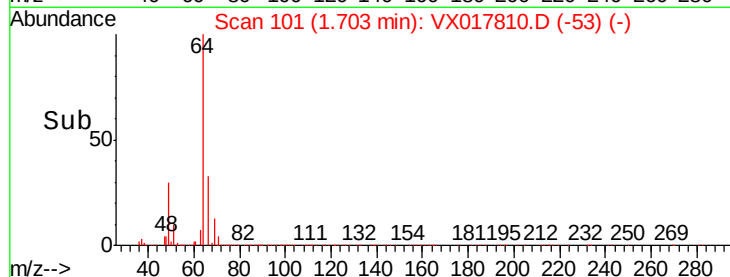
100000

50000

0

Time-->

1.65 1.70 1.75 1.80



#9

Trichlorofluoromethane

Concen: 12.456 ug/L

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX017810.D

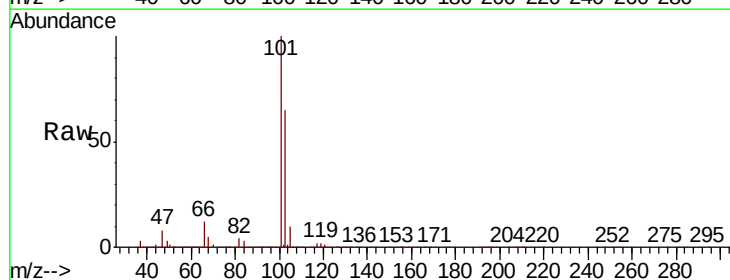
Acq: 06 Aug 2020 16:57

Tgt Ion: 101 Resp: 534627

Ion Ratio Lower Upper

101 100

103 65.9 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.91

400000

300000

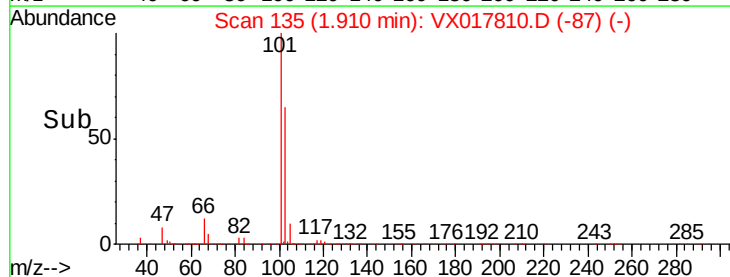
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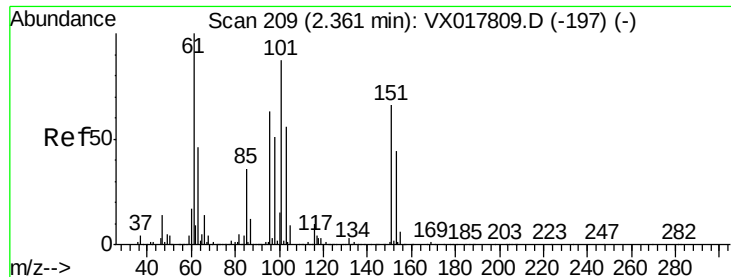
100000

0

Time-->

1.80 1.85 1.90 1.95 2.00





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 12.498 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

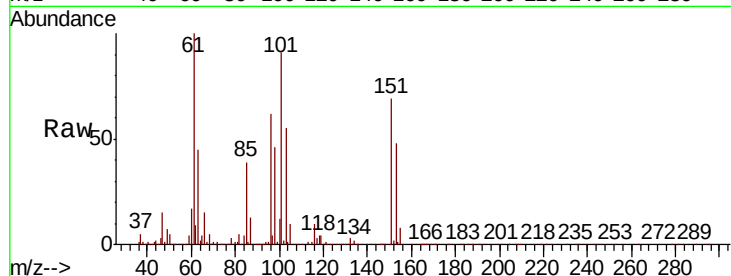
Tot Ion:101 Resp: 294674

Ion Ratio Lower Upper

101 100

85 44.4 34.3 51.5

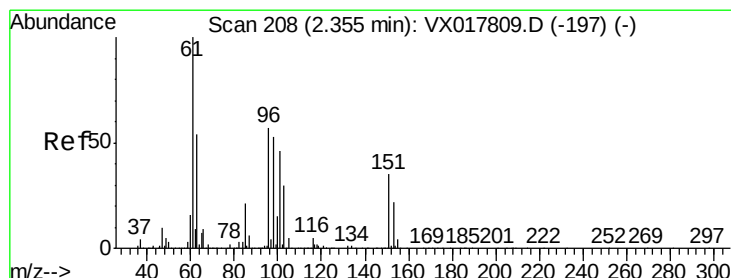
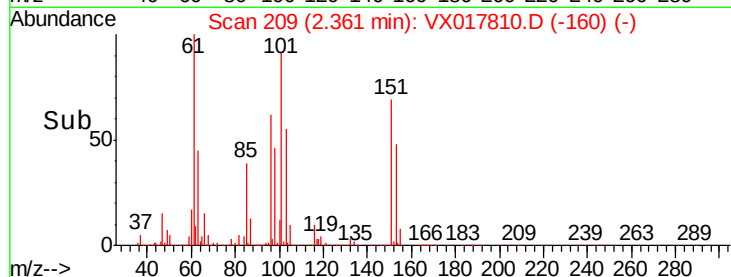
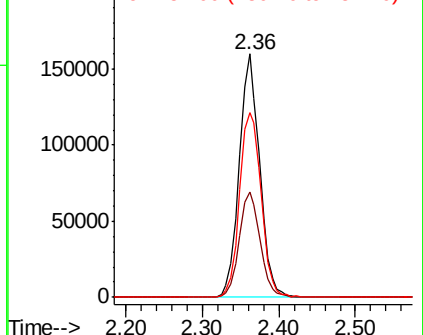
151 80.3 64.8 97.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 12.115 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

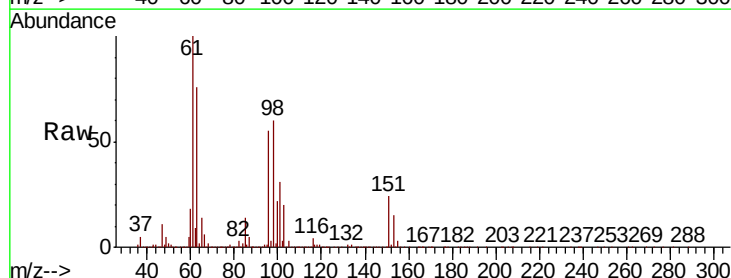
Tgt Ion: 96 Resp: 265338

Ion Ratio Lower Upper

96 100

61 182.3 123.5 229.3

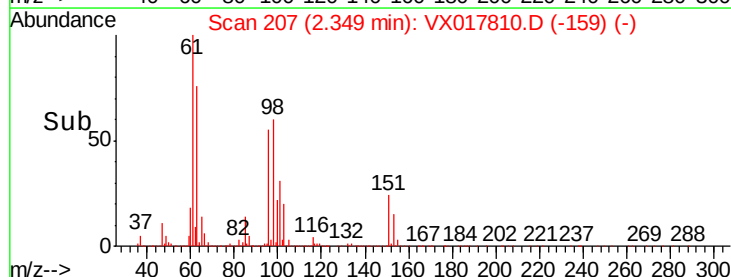
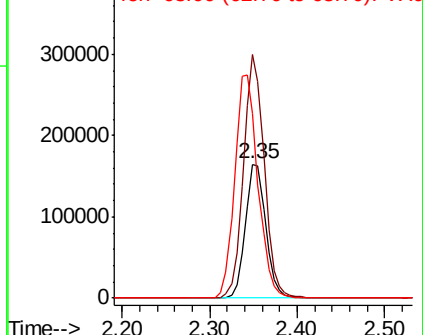
63 138.0 67.0 124.4#

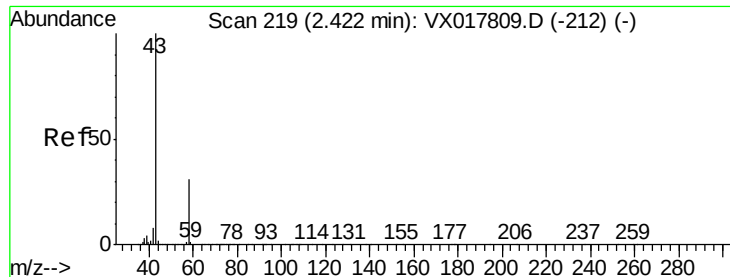


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 130.410 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

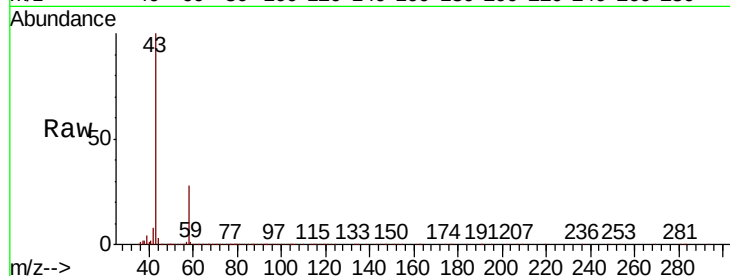
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 470292

Ion Ratio Lower Upper

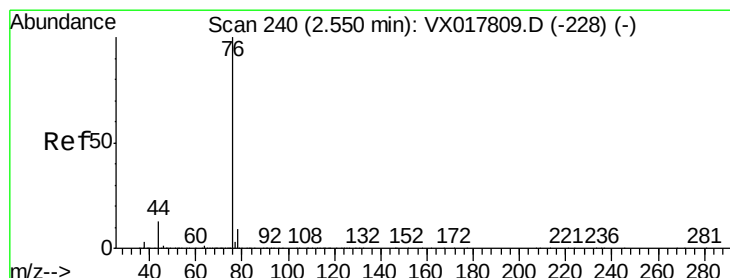
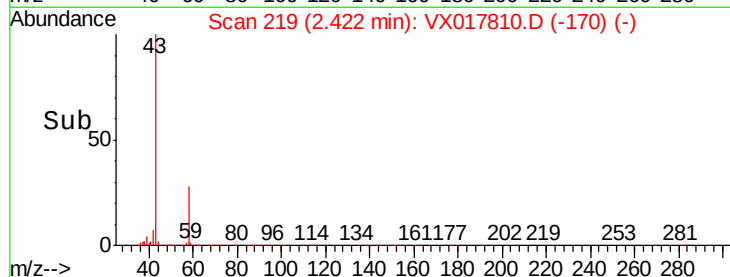
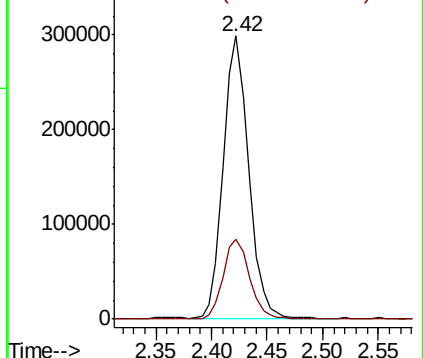
43 100

58 29.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 12.782 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017810.D

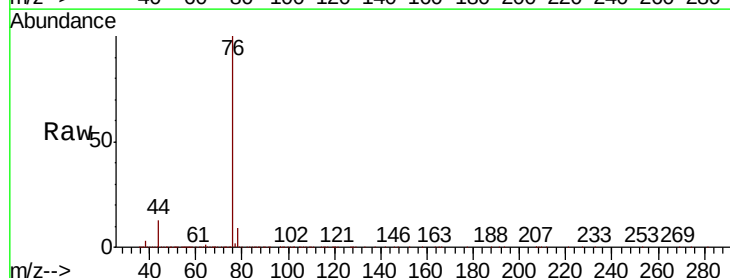
Acq: 06 Aug 2020 16:57

Tgt Ion: 76 Resp: 950666

Ion Ratio Lower Upper

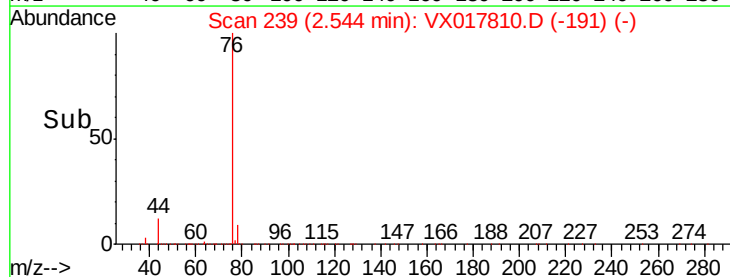
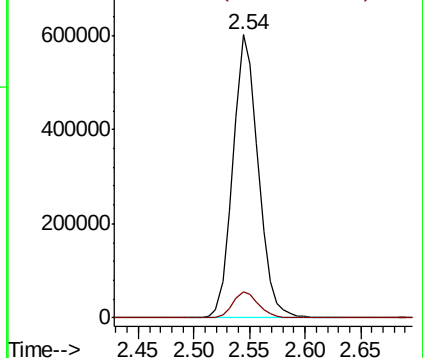
76 100

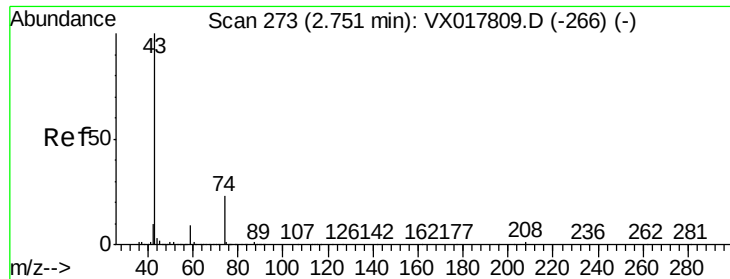
78 9.2 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

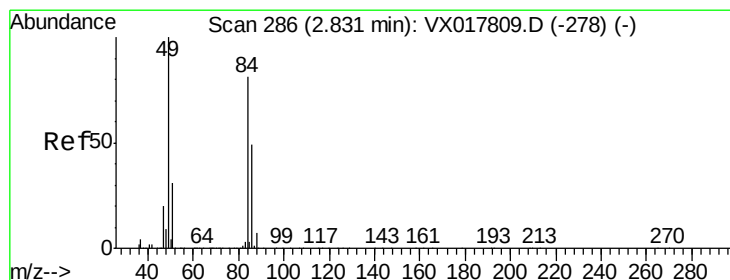
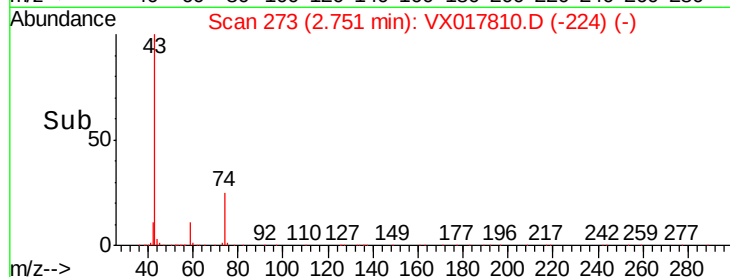
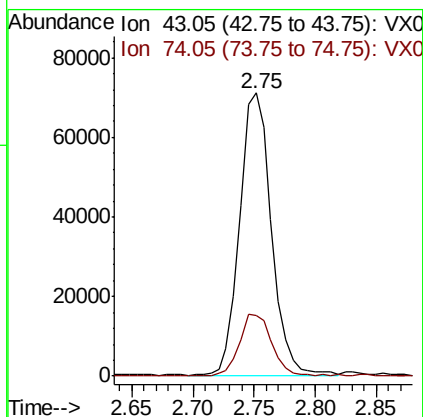
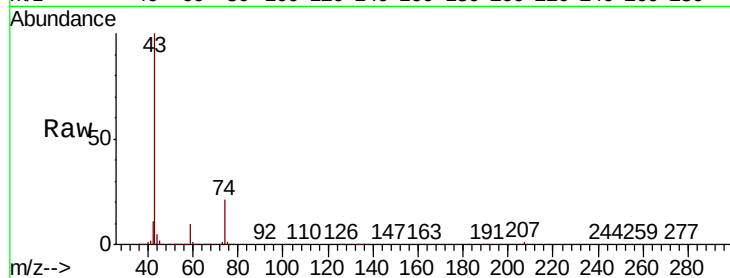




#15
Methyl Acetate
Concen: 12.076 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

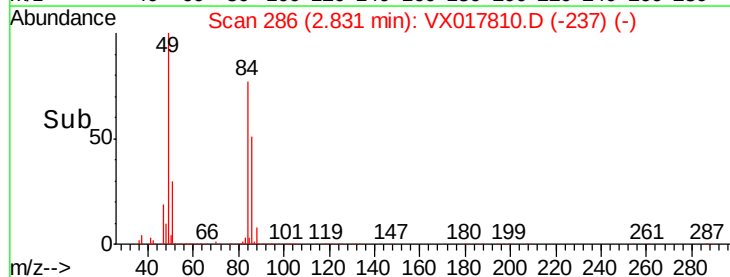
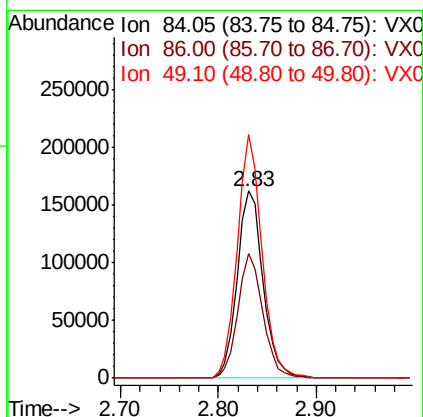
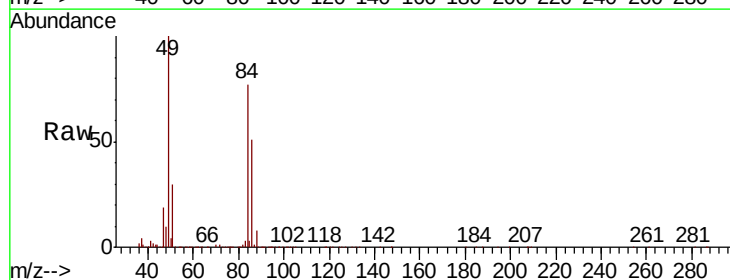
Instrument :
MSVOA_X
ClientSampleId :

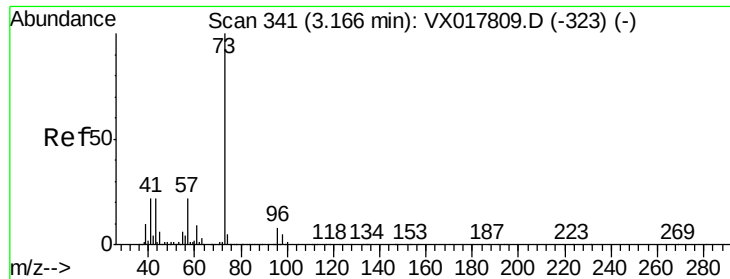
Tot Ion: 43 Resp: 127616
Ion Ratio Lower Upper
43 100
74 22.8 20.4 30.6



#16
Methylene chloride
Concen: 9.908 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion: 84 Resp: 297319
Ion Ratio Lower Upper
84 100
86 66.8 43.0 80.0
49 130.3 86.9 161.3

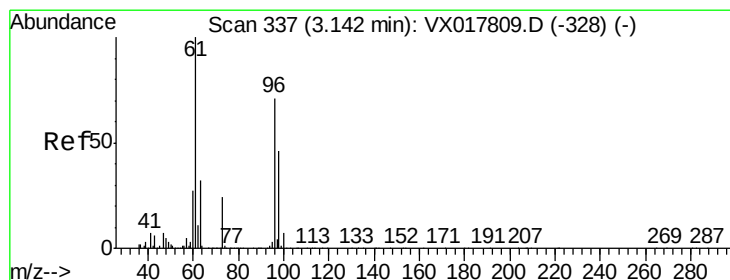
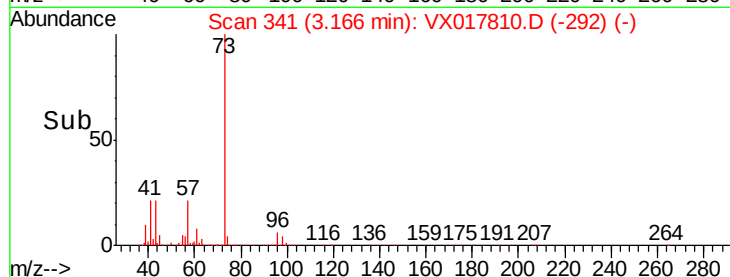
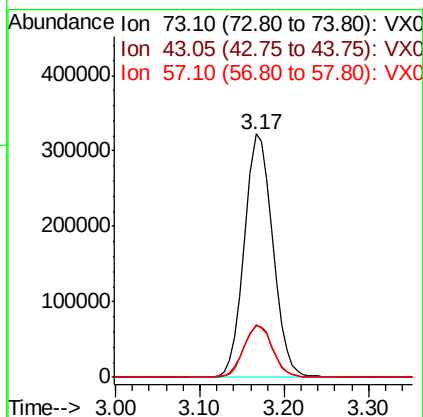
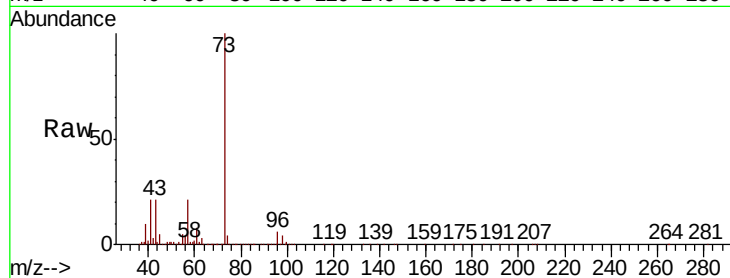




#17
Methyl tert-butyl Ether
Concen: 13.868 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

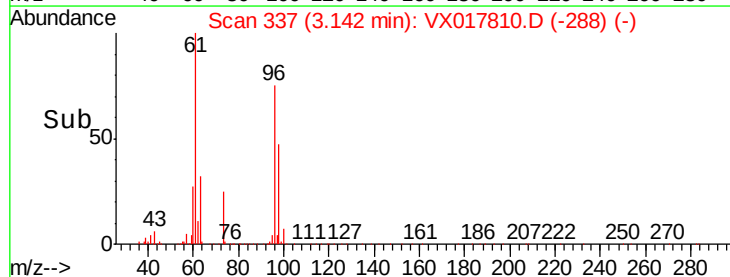
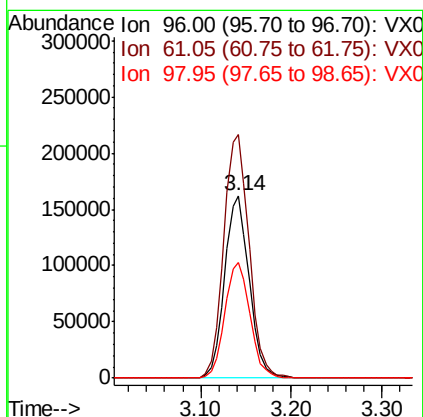
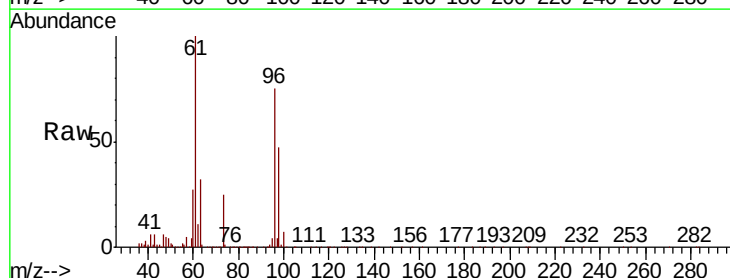
Instrument :
MSVOA_X
ClientSampleId :

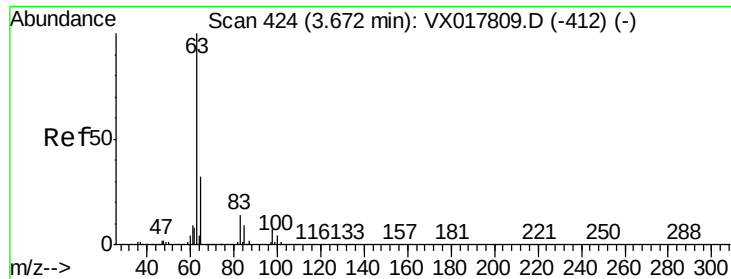
Tot Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.7	26.5
57	21.7	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 13.046 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.6	98.4	182.8
98	63.3	44.9	83.5





#19

1,1-Dichloroethane

Concen: 12.979 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

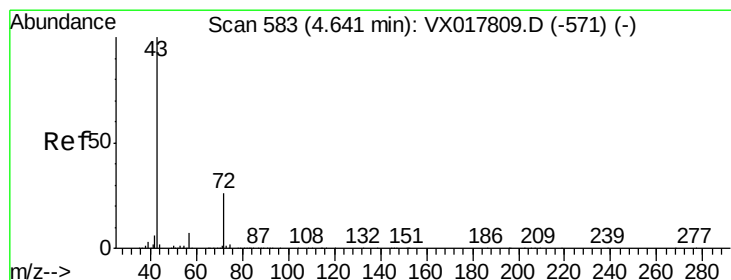
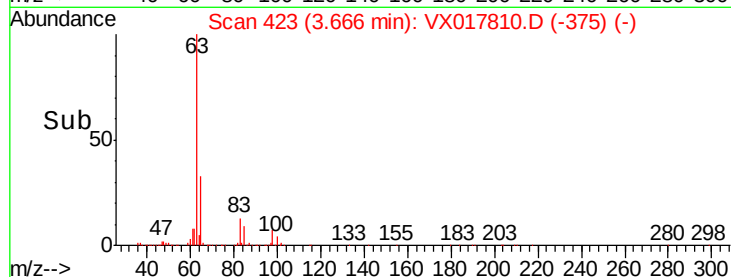
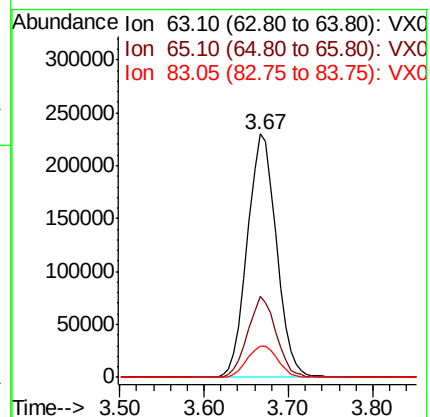
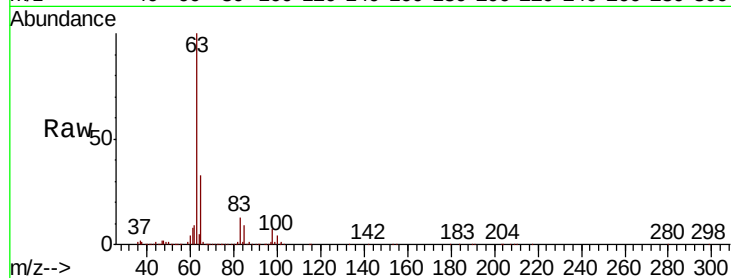
Tot Ion: 63 Resp: 539424

Ion Ratio Lower Upper

63 100

65 33.1 22.6 42.0

83 13.0 9.5 17.7



#21

2-Butanone

Concen: 144.515 ug/L

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017810.D

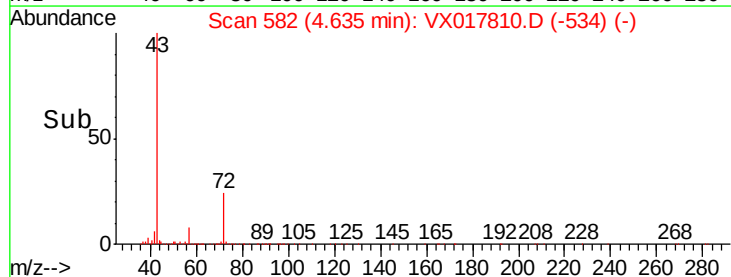
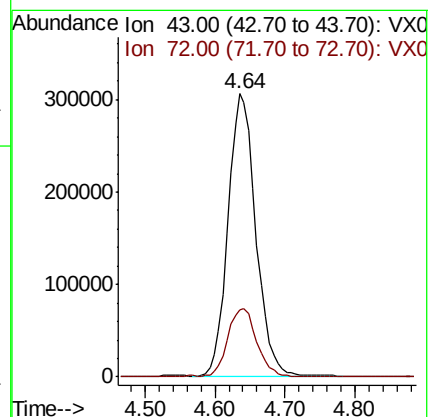
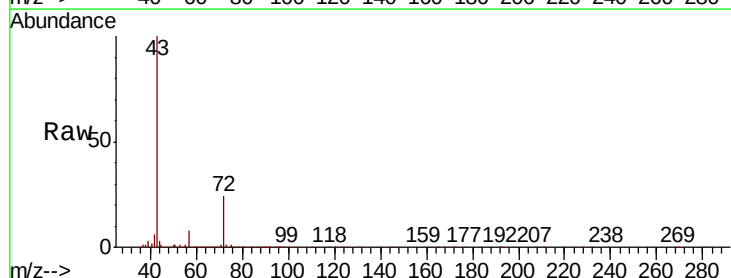
Acq: 06 Aug 2020 16:57

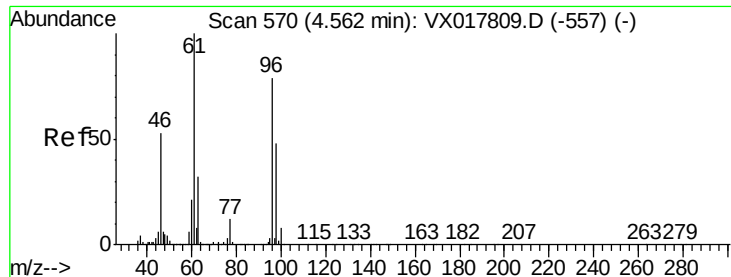
Tgt Ion: 43 Resp: 841896

Ion Ratio Lower Upper

43 100

72 25.1 13.2 39.6



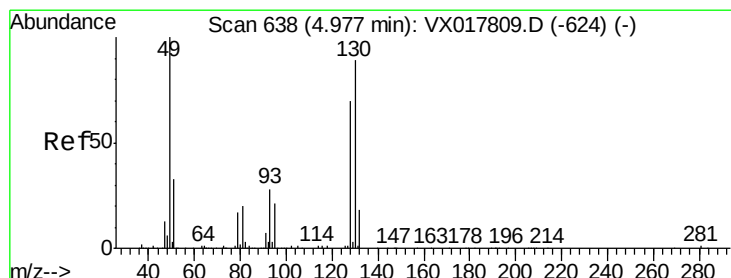
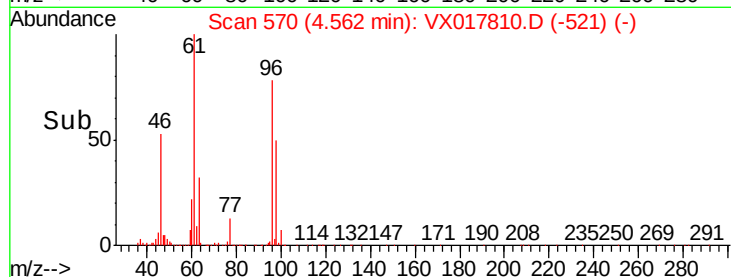
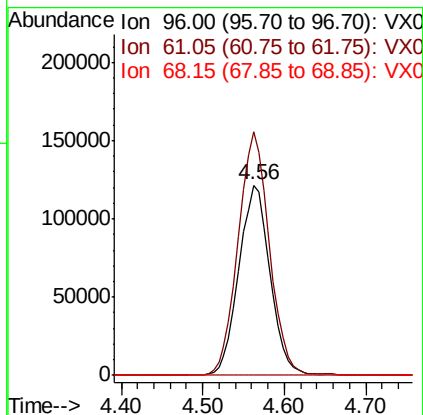
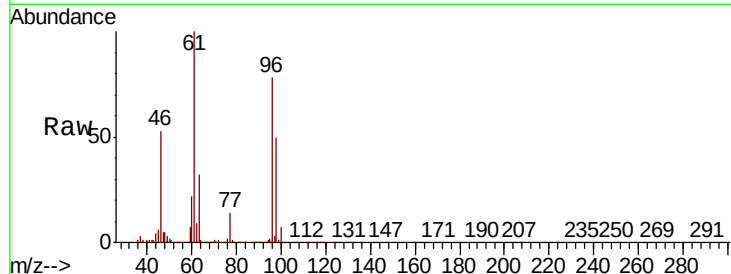


#22

cis-1,2-Dichloroethene
 Concen: 13.902 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Instrument :
 MSVOA_X
 ClientSampleId :

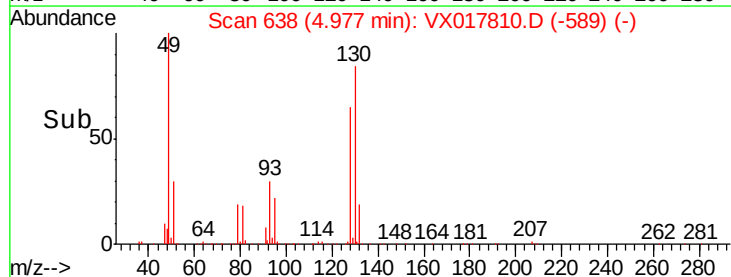
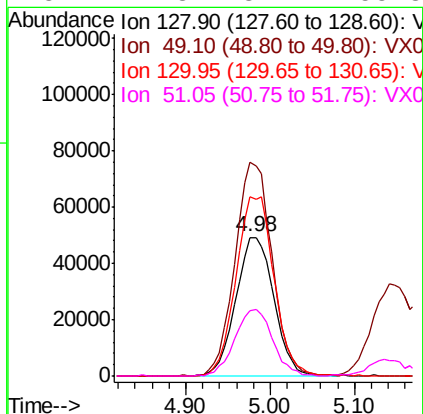
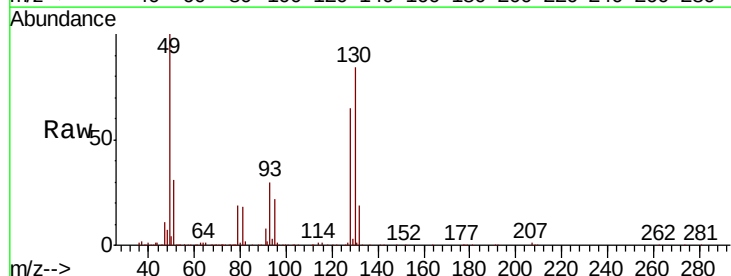
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	88.8	165.0
68	0.0	0.2	0.4

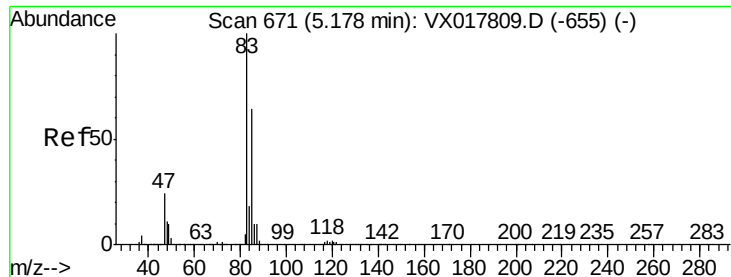


#23

Bromochloromethane
 Concen: 13.413 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Tgt Ion	Ratio	Lower	Upper
128	100		
49	153.9	100.2	186.0
130	128.8	89.1	165.5
51	47.3	37.2	55.8

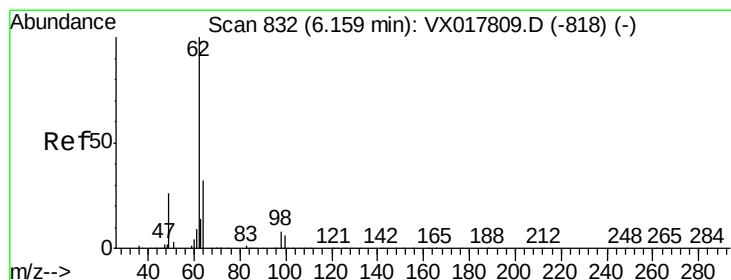
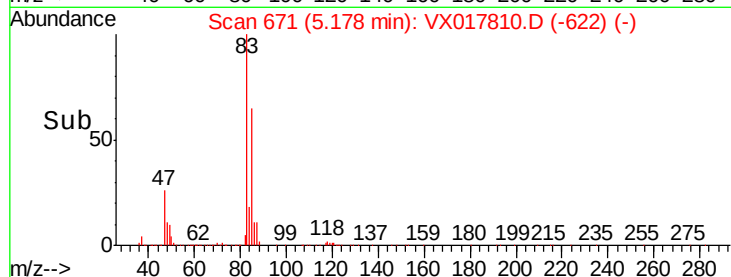
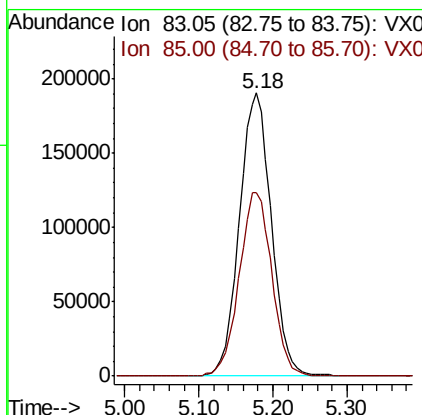
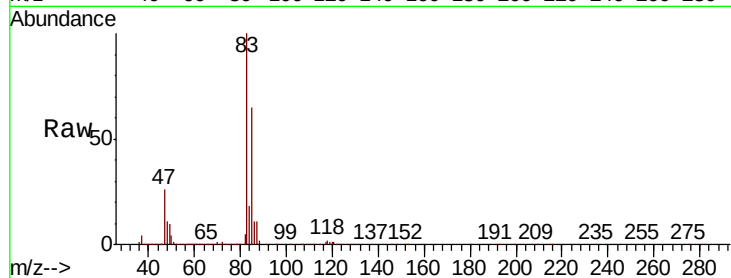




#25
Chloroform
Concen: 13.090 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

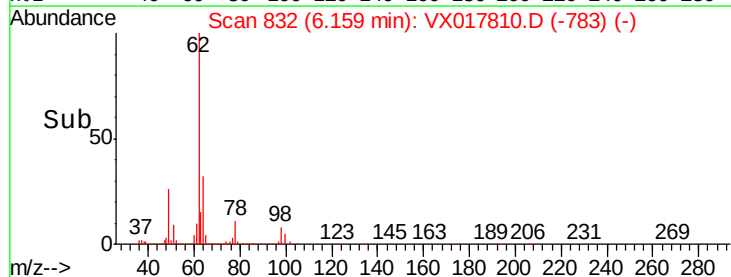
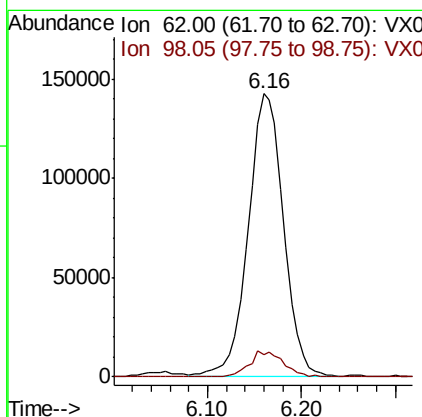
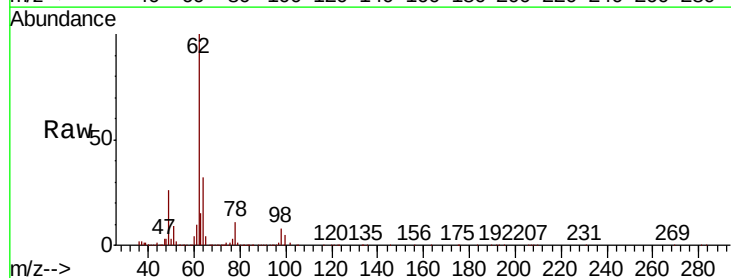
Instrument :
MSVOA_X
ClientSampleId :

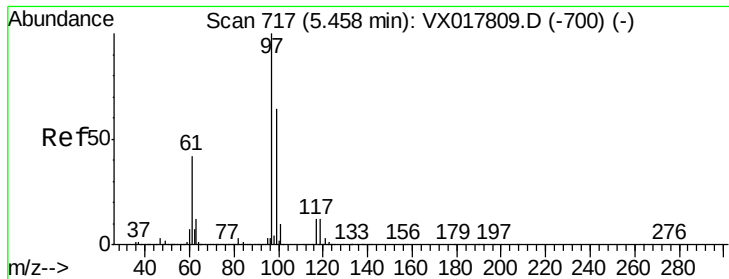
Tot Ion: 83 Resp: 573349
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 13.313 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion: 62 Resp: 374257
Ion Ratio Lower Upper
62 100
98 8.0 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 13.159 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :
MSVOA_X
ClientSampled :

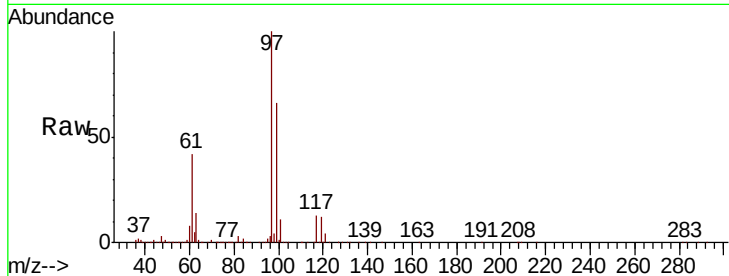
Tot Ion: 97 Resp: 545558

Ion Ratio Lower Upper

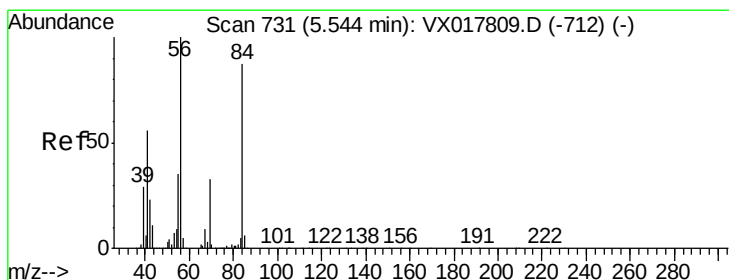
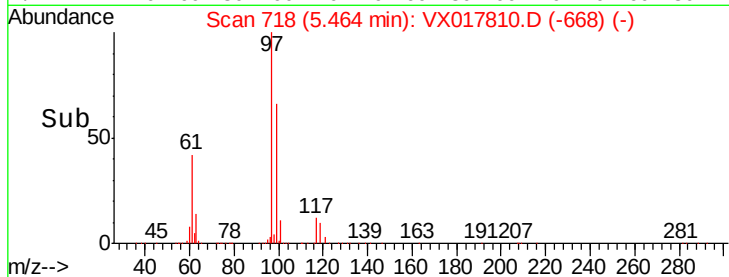
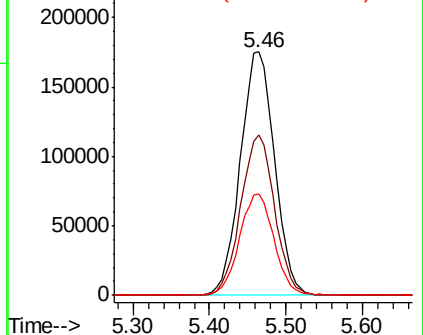
97 100

99 65.0 52.2 78.2

61 41.8 33.8 50.6



Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 14.845 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

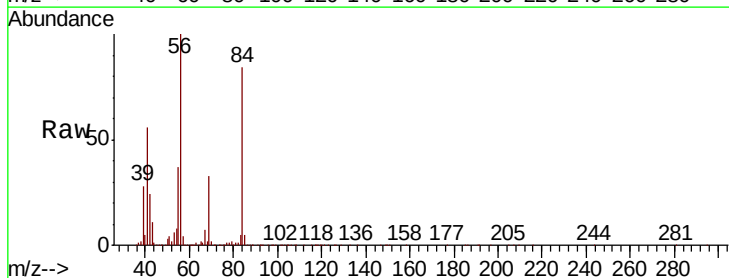
Tgt Ion: 56 Resp: 498063

Ion Ratio Lower Upper

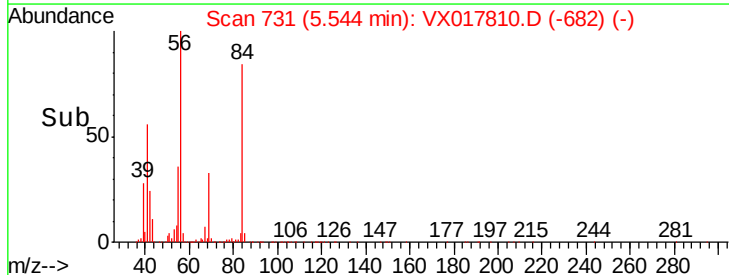
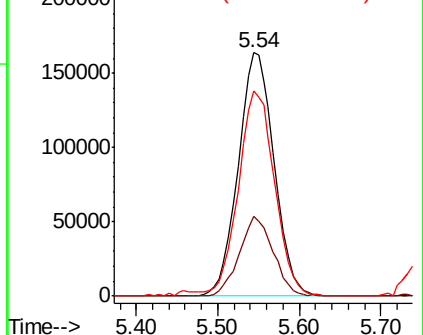
56 100

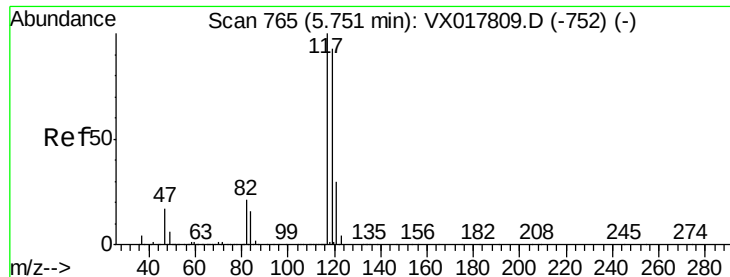
69 31.1 25.1 37.7

84 84.9 70.7 106.1



Abundance Ion 56.10 (55.80 to 56.80): VX0
Ion 69.15 (68.85 to 69.85): VX0
Ion 84.15 (83.85 to 84.85): VX0



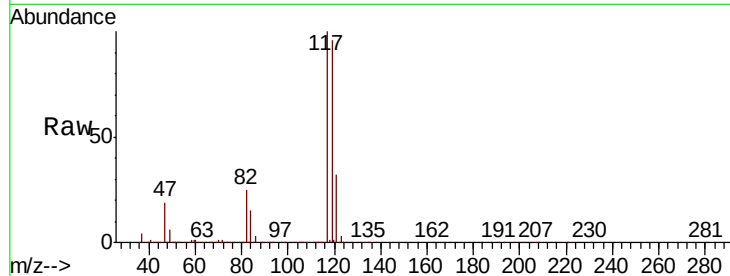


#31

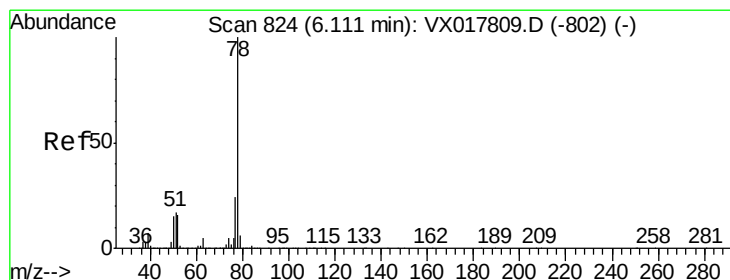
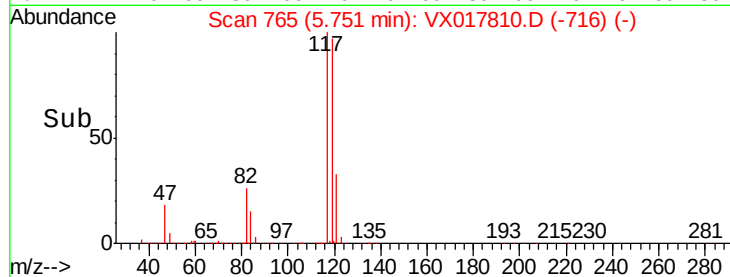
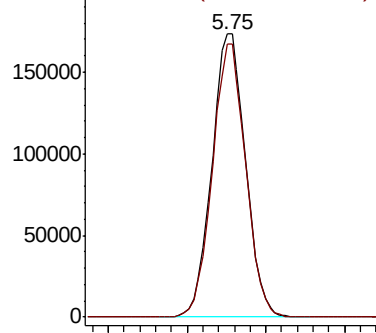
Carbon tetrachloride
Concen: 13.700 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 512586
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4



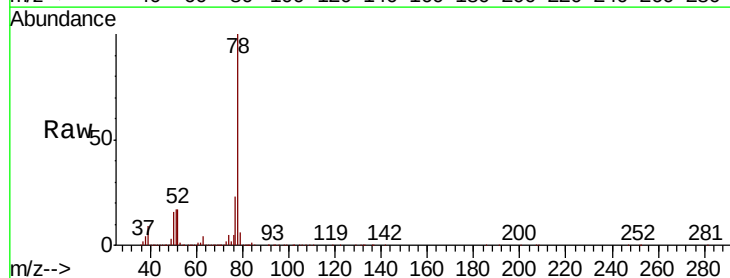
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



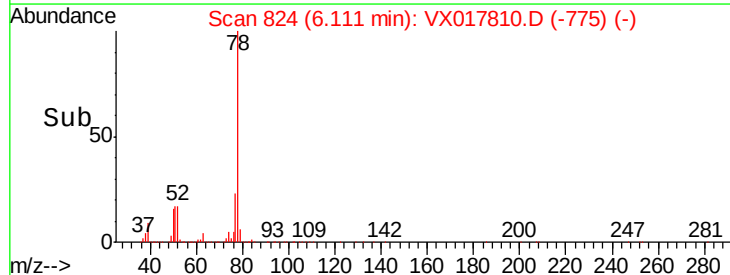
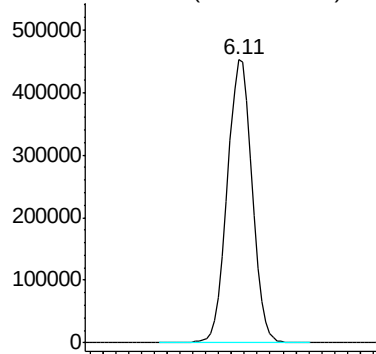
#33

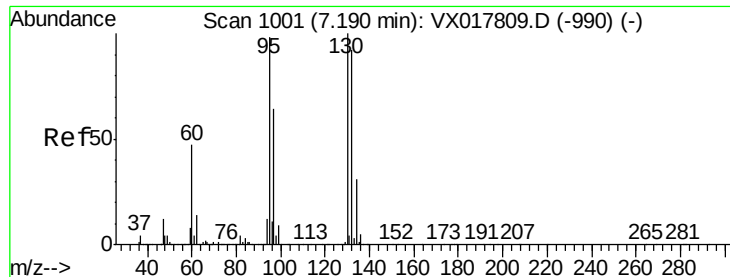
Benzene
Concen: 13.241 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion: 78 Resp: 1197899



Abundance Ion 78.10 (77.80 to 78.80): VX0

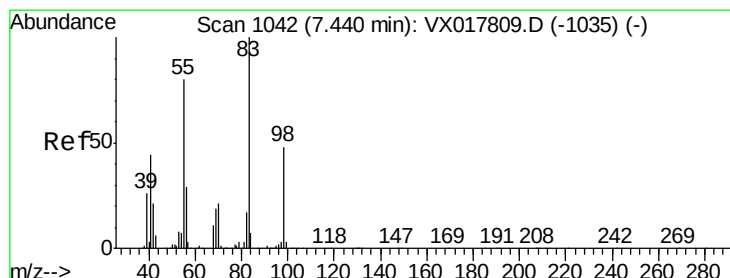
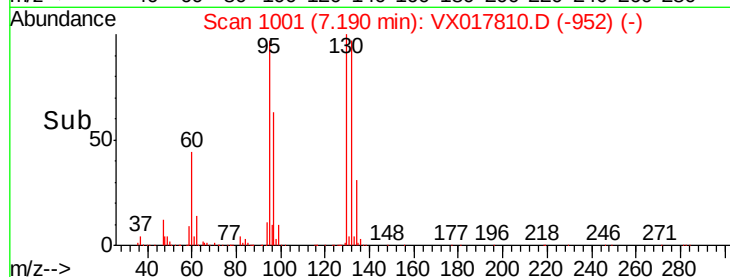
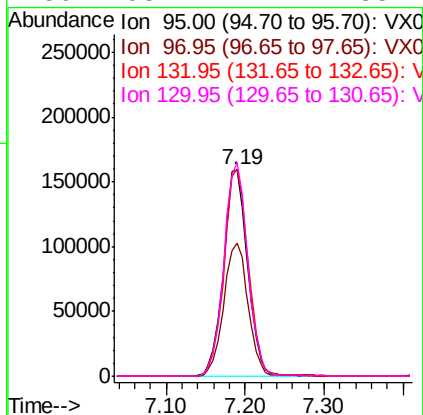
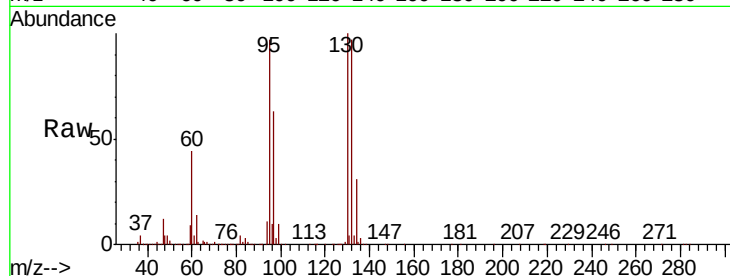




#34
 Trichloroethene
 Concen: 13.676 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

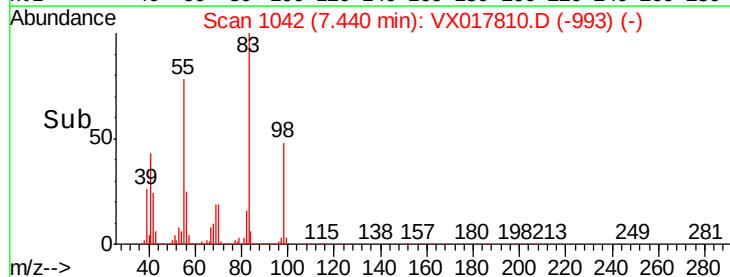
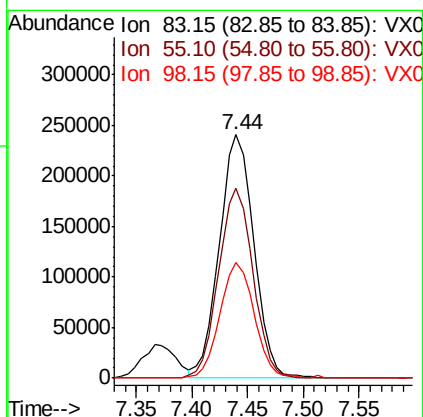
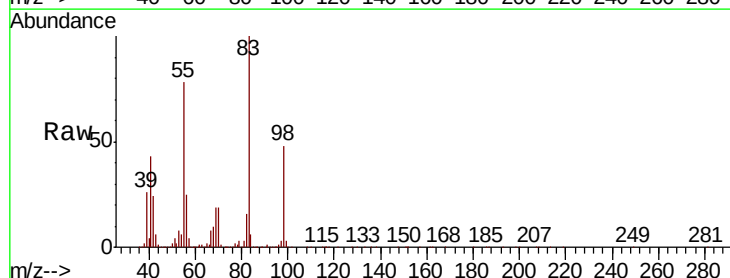
Instrument :
 MSVOA_X
 ClientSampled :

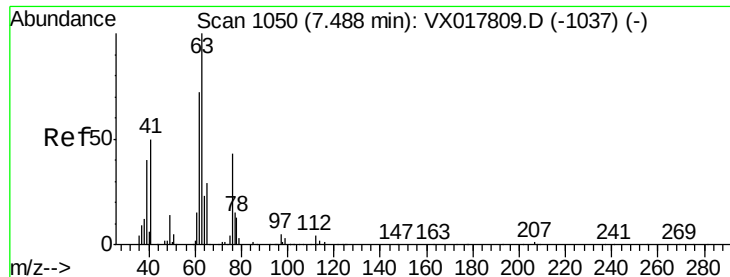
Tot Ion:	95	Resp:	340228
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.1	85.5
132	100.2	66.0	122.6
130	103.4	71.7	133.1



#35
 Methylcyclohexane
 Concen: 15.255 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Tgt Ion:	83	Resp:	516296
Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.4	93.6
98	46.9	38.0	57.0





#37

1,2-Dichloropropane

Concen: 13.497 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

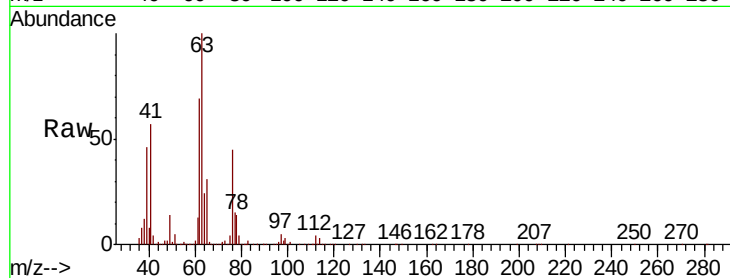
ClientSampleId :

Tot Ion: 63 Resp: 302910

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

150000

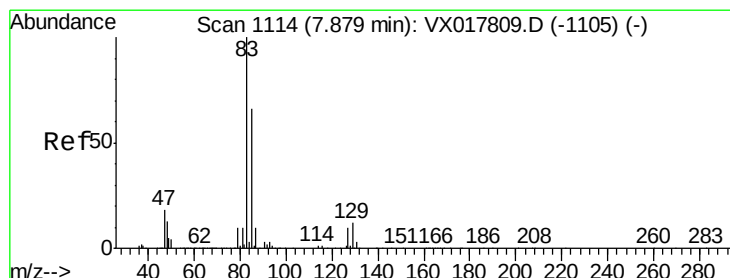
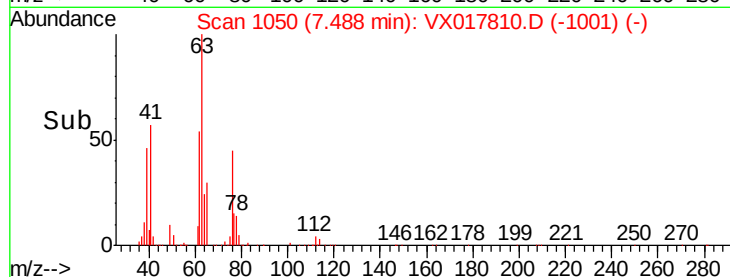
100000

50000

0

7.40 7.50 7.60

Time-->



#38

Bromodichloromethane

Concen: 13.521 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

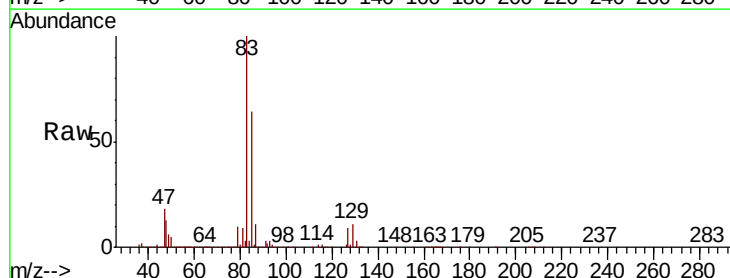
Tgt Ion: 83 Resp: 419718

Ion Ratio Lower Upper

83 100

85 64.2 45.9 85.3

127 8.7 7.9 11.9



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

300000

250000

200000

150000

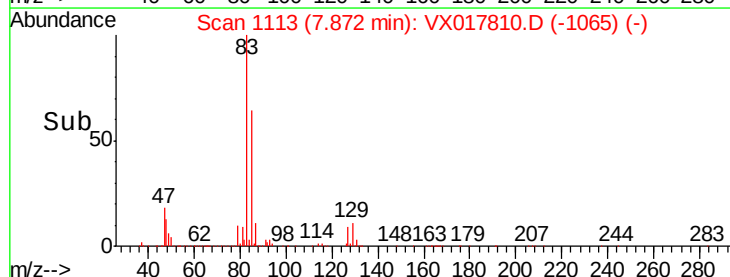
100000

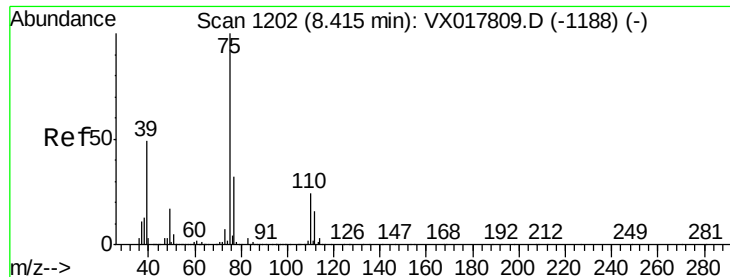
50000

0

7.80 7.90 8.00

Time-->



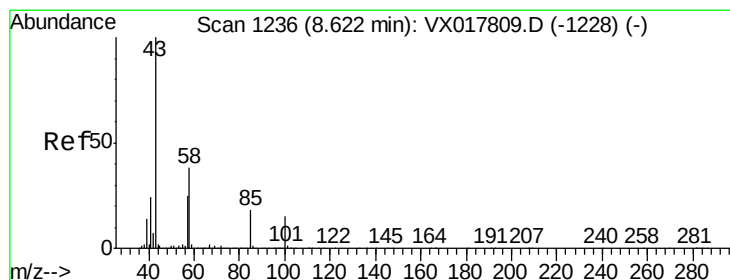
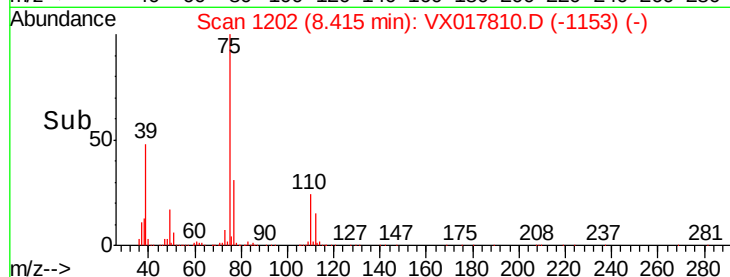
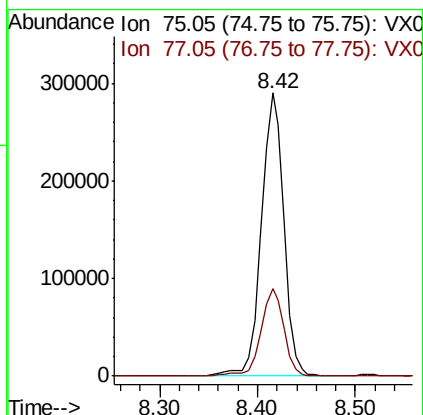
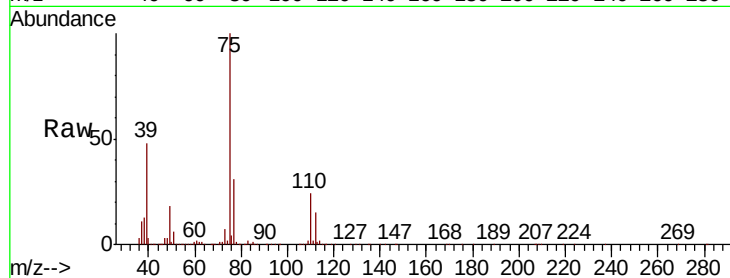


#39

cis-1,3-Dichloropropene
Concen: 13.992 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :

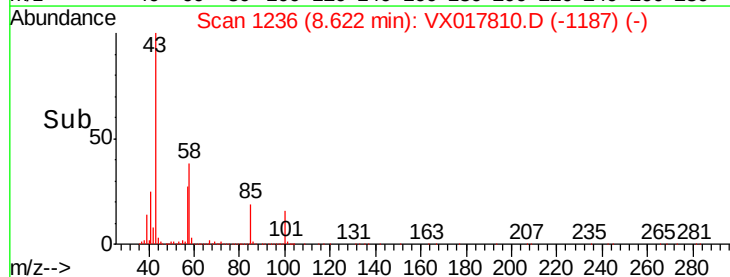
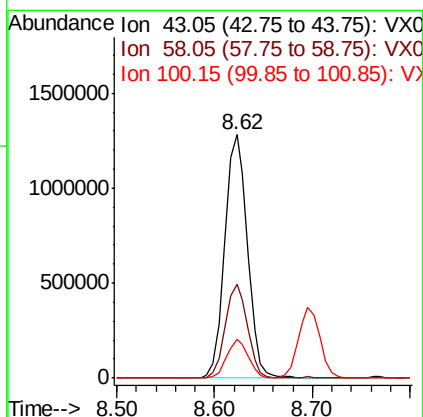
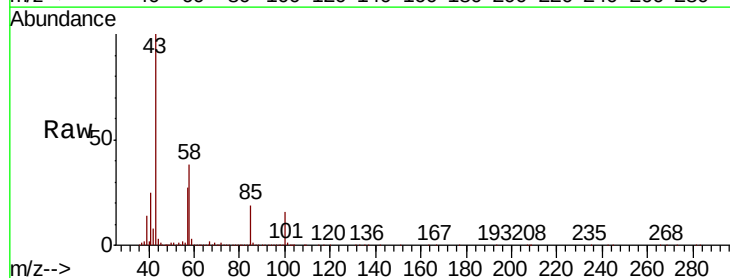
Tot Ion: 75 Resp: 465884
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2

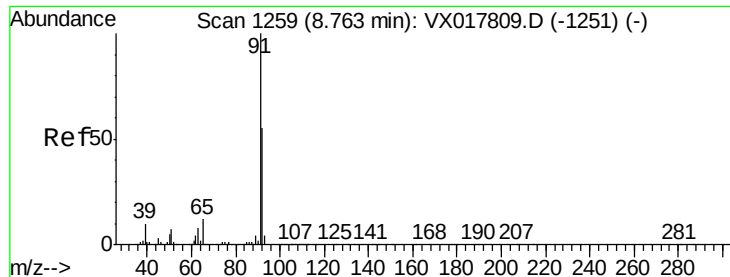


#40

4-Methyl-2-pentanone
Concen: 151.565 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion: 43 Resp: 2056410
Ion Ratio Lower Upper
43 100
58 37.8 31.1 46.7
100 15.2 12.2 18.4





#42

Toluene

Concen: 14.328 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

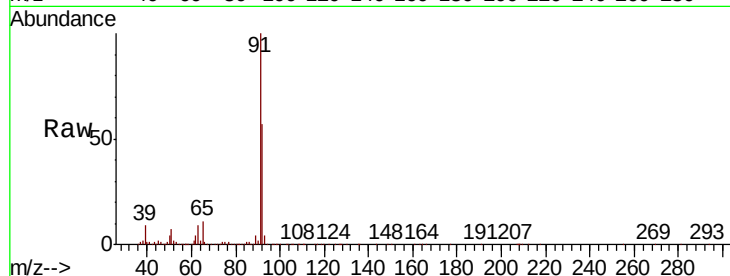
ClientSampleId :

Tot Ion: 91 Resp: 1327152

Ion Ratio Lower Upper

91 100

92 57.5 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

800000

600000

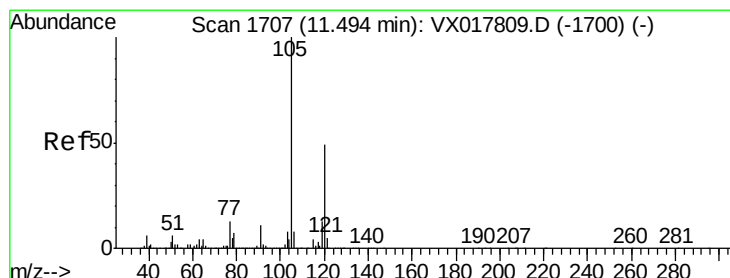
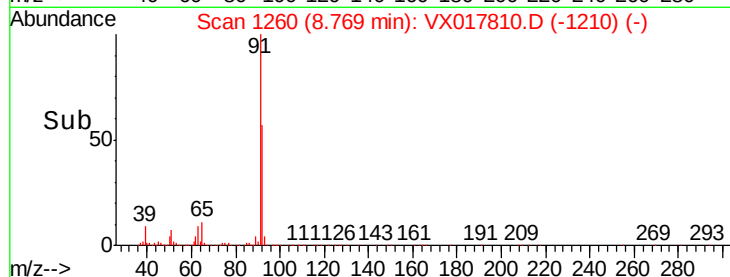
400000

200000

0

Time-->

8.70 8.80 8.90



#43

1,3,5-Trimethylbenzene

Concen: 14.888 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017810.D

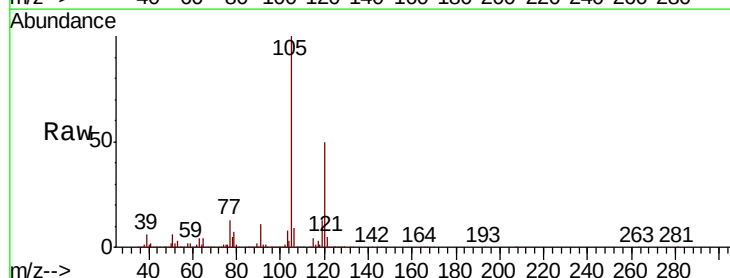
Acq: 06 Aug 2020 16:57

Tgt Ion:105 Resp: 1286785

Ion Ratio Lower Upper

105 100

120 49.0 38.1 57.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

1200000

1000000

800000

600000

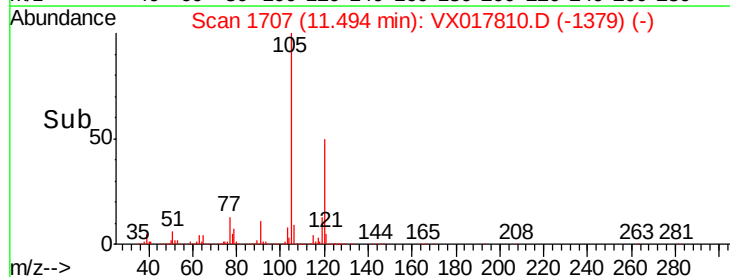
400000

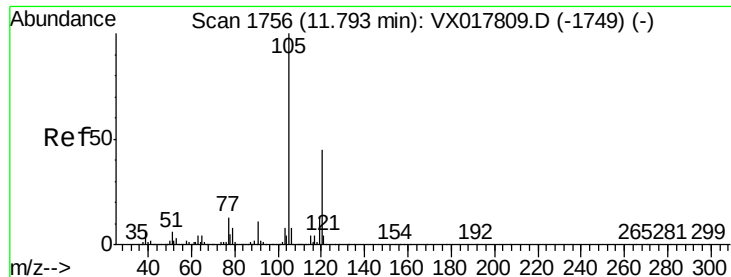
200000

0

Time-->

11.40 11.45 11.50 11.55





#44

1,2,4-Trimethylbenzene

Concen: 15.304 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

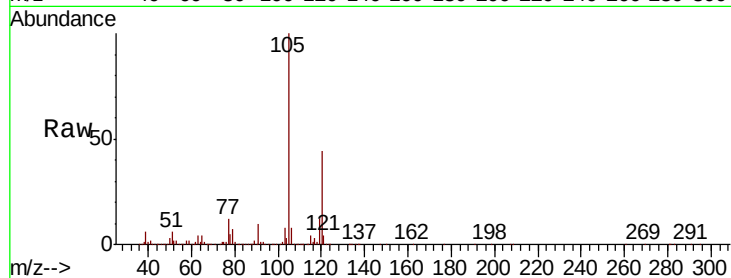
ClientSampleId :

Tot Ion:105 Resp: 1328565

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

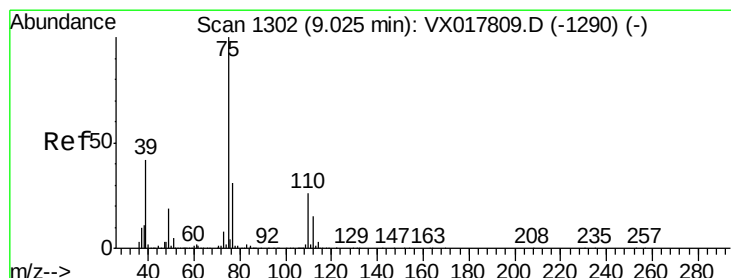
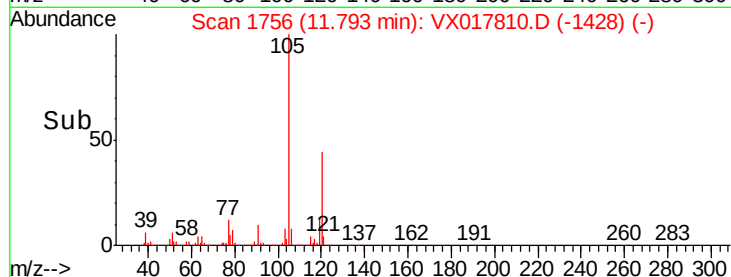
11.79

1000000

500000

0

Time--> 11.70 11.80



#46

trans-1,3-Dichloropropene

Concen: 14.453 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017810.D

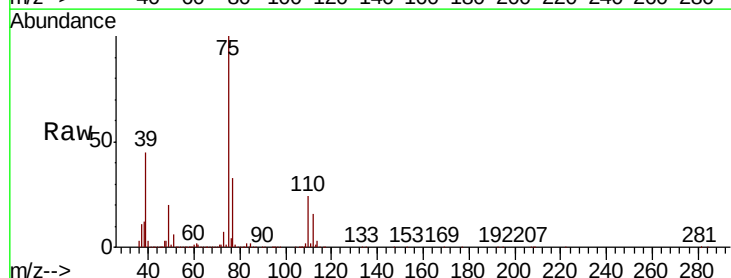
Acq: 06 Aug 2020 16:57

Tgt Ion: 75 Resp: 420796

Ion Ratio Lower Upper

75 100

77 32.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

9.02

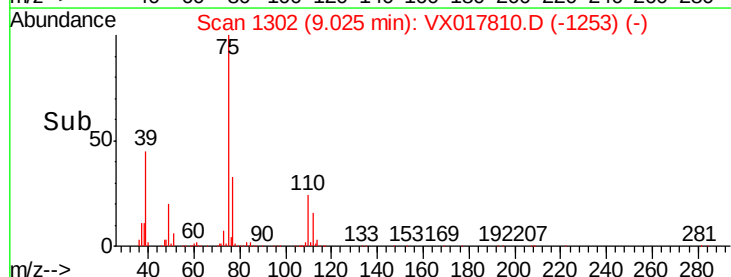
300000

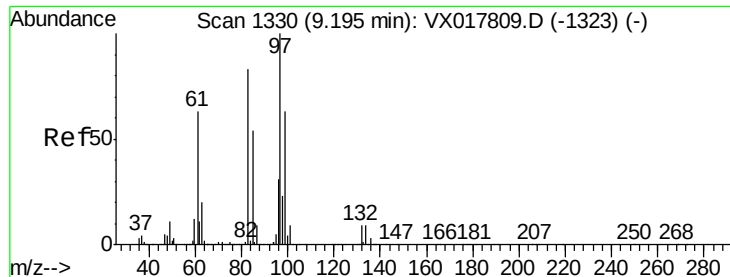
200000

100000

0

Time--> 8.90 9.00 9.10





#47

1,1,2-Trichloroethane

Concen: 13.975 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 224185

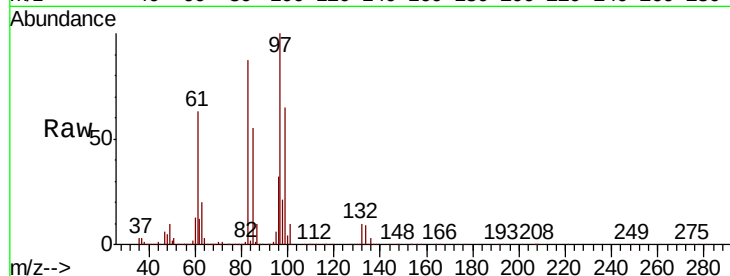
Ion Ratio Lower Upper

97 100

99 64.7 43.9 81.5

83 87.1 58.4 108.6

85 54.9 37.5 69.6

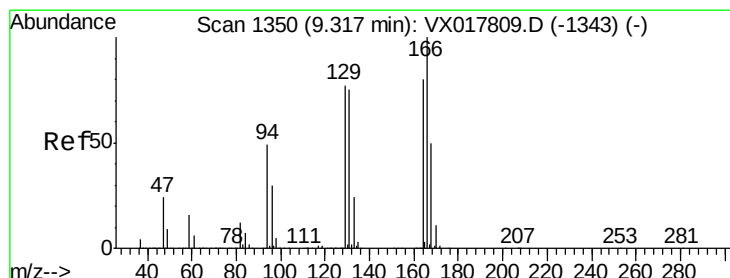
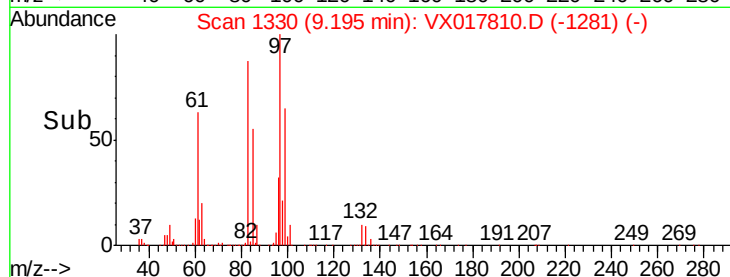
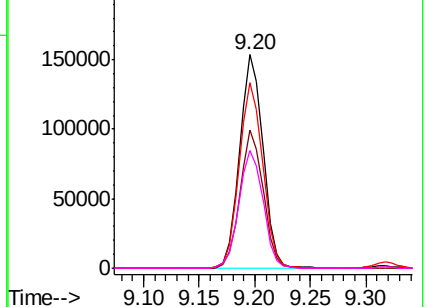


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49

Tetrachloroethene

Concen: 13.828 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Tgt Ion: 164 Resp: 280355

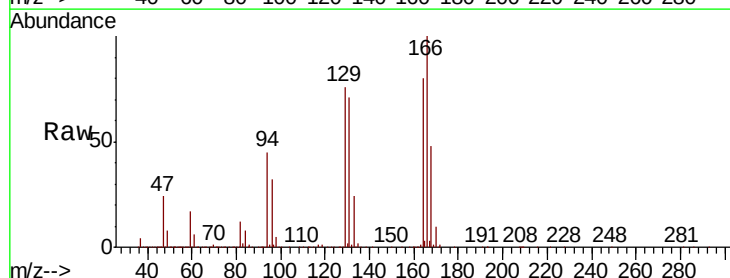
Ion Ratio Lower Upper

164 100

129 95.2 67.4 125.2

131 88.3 65.3 121.3

166 124.6 87.2 161.9

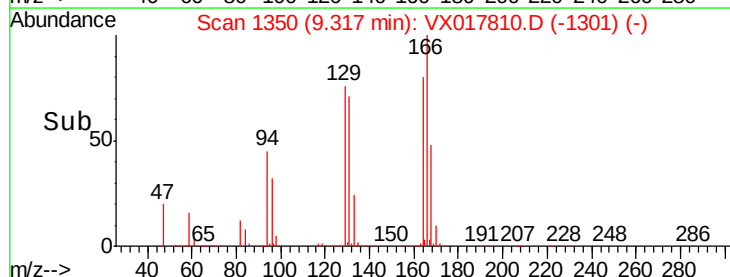
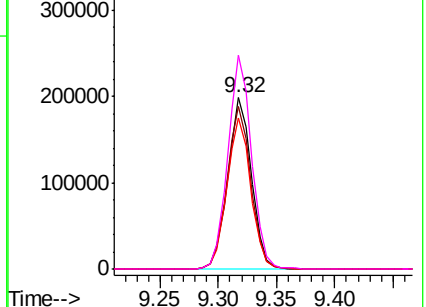


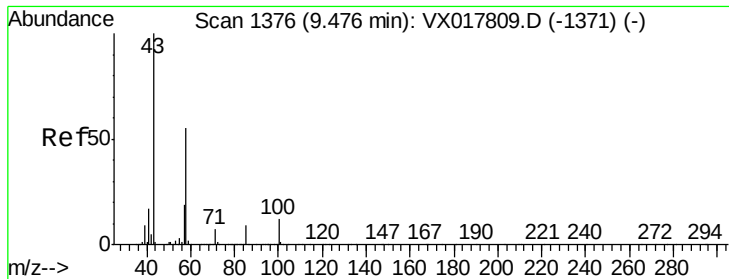
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

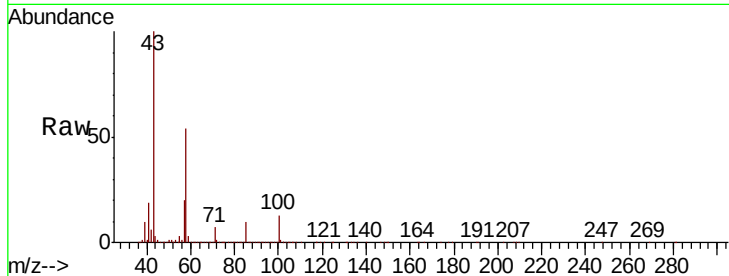




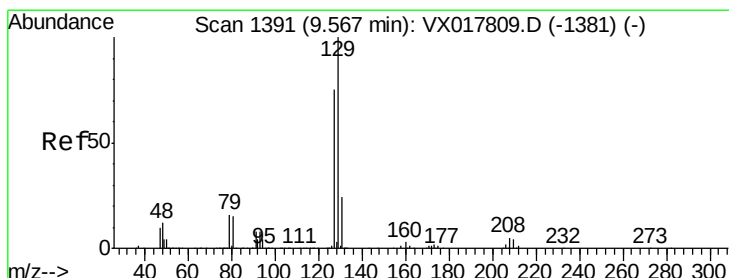
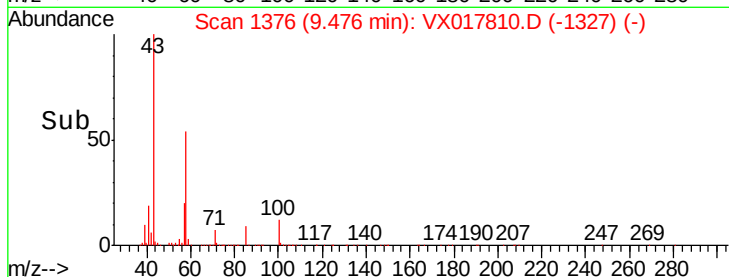
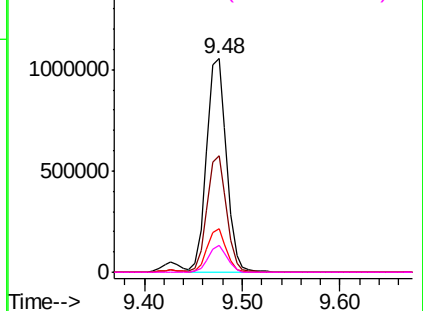
#50
2-Hexanone
Concen: 149.391 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1483907
Ion Ratio Lower Upper
43 100
58 53.3 43.0 64.6
57 19.3 15.0 22.4
100 12.0 9.2 13.8

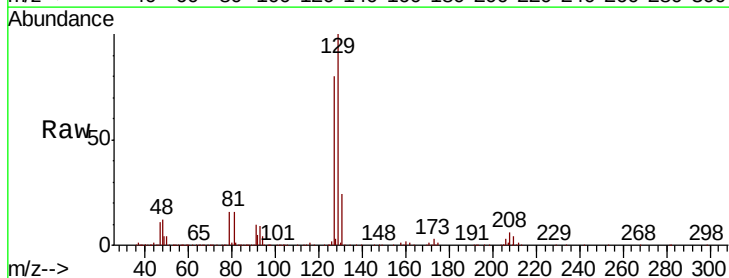


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

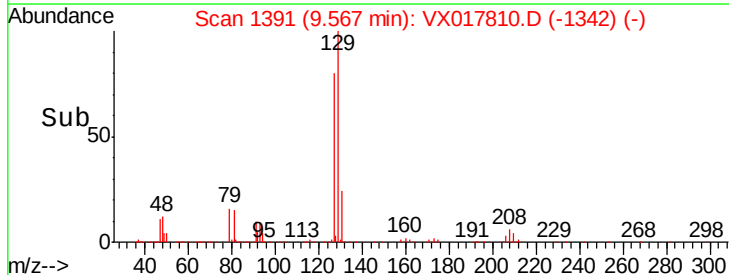
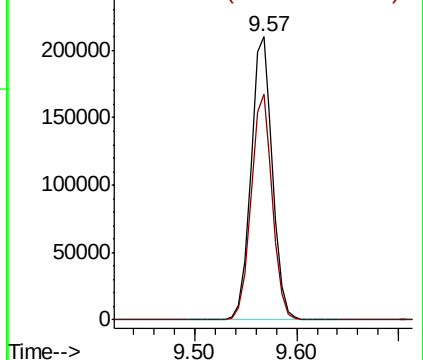


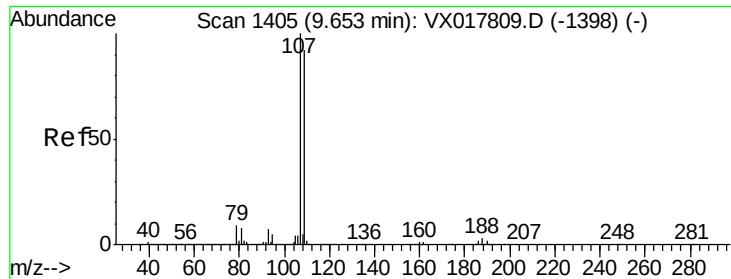
#51
Dibromochloromethane
Concen: 13.910 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion:129 Resp: 308104
Ion Ratio Lower Upper
129 100
127 79.9 52.5 97.5



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 13.980 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017810.D

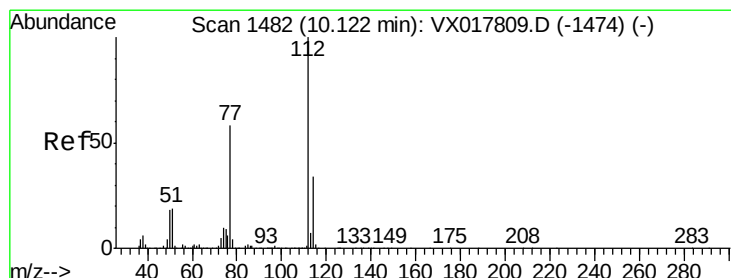
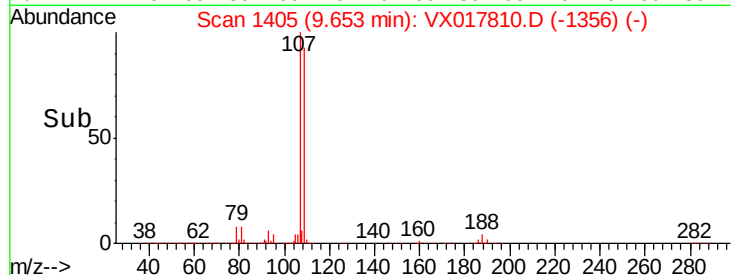
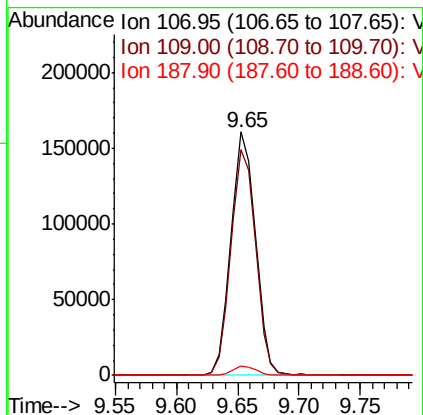
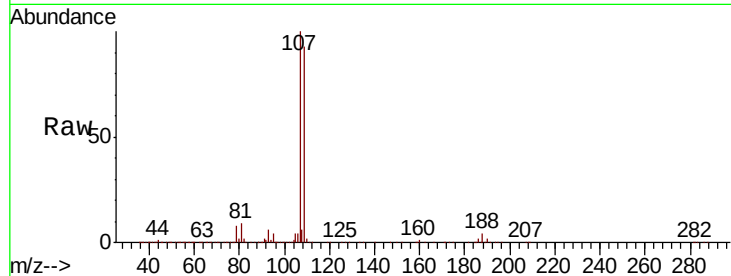
Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	107	Resp:	223017
Ion	Ratio	Lower	Upper
107	100		
109	92.8	64.6	120.0
188	3.7	2.5	3.7#



#53

Chlorobenzene

Concen: 13.860 ug/L

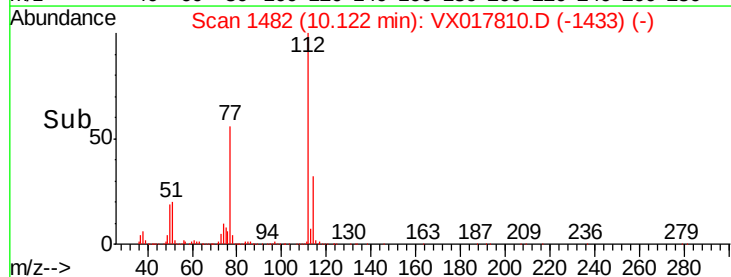
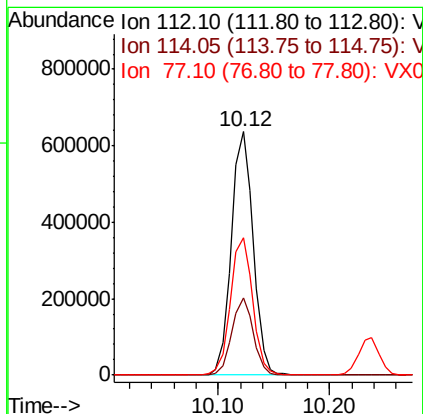
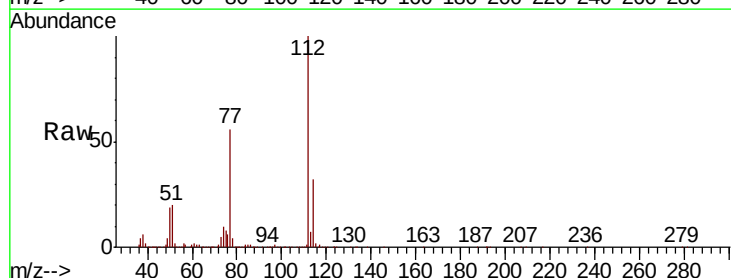
RT: 10.12 min Scan# 1482

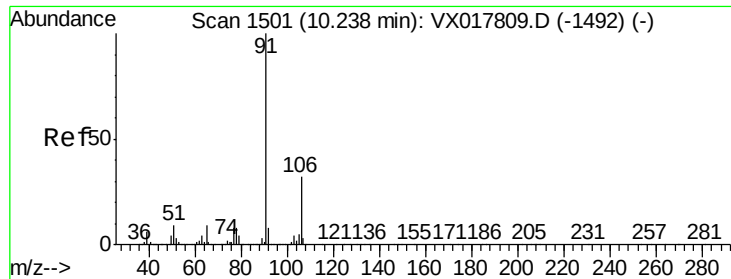
Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Tgt Ion:	112	Resp:	862863
Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.5	43.7
77	56.2	46.7	70.1





#54

Ethylbenzene

Concen: 14.743 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

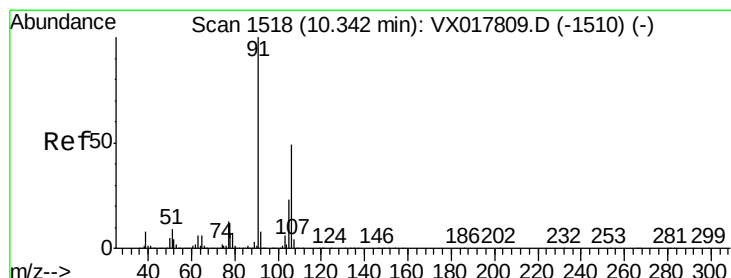
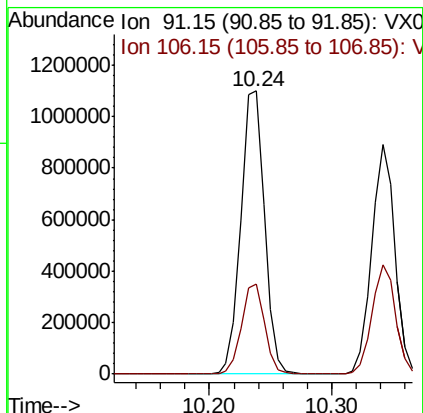
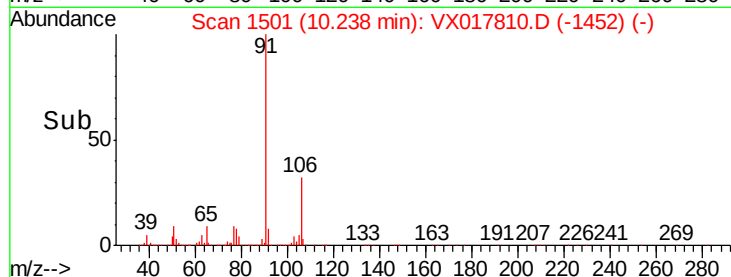
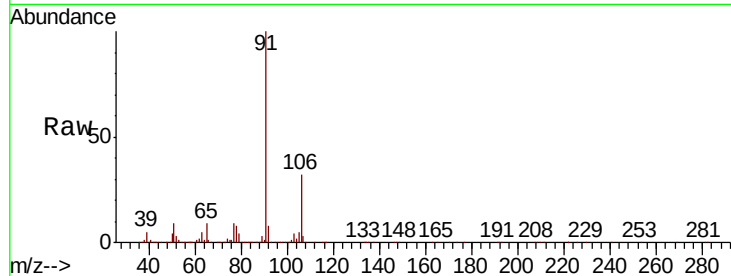
ClientSampleId :

Tot Ion: 91 Resp: 1470082

Ion Ratio Lower Upper

91 100

106 32.0 22.5 41.9



#55

m,p-xylene

Concen: 14.217 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017810.D

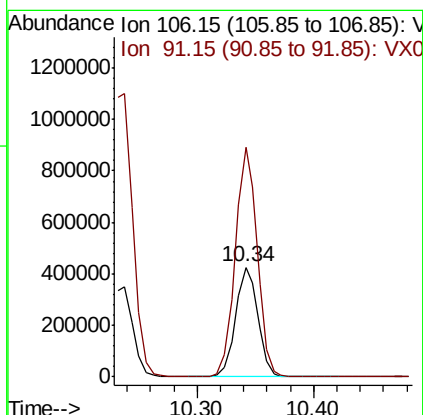
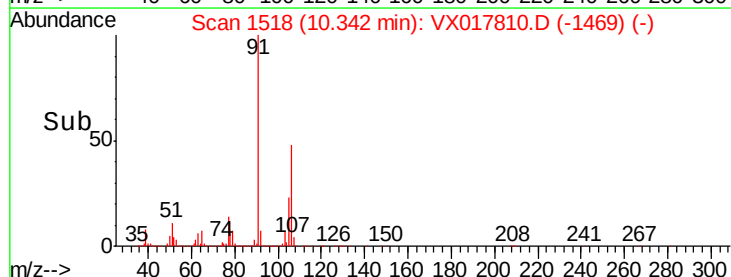
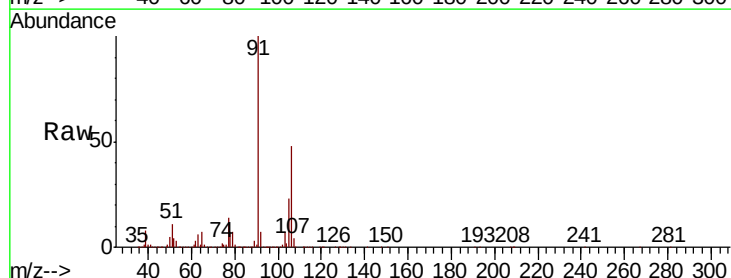
Acq: 06 Aug 2020 16:57

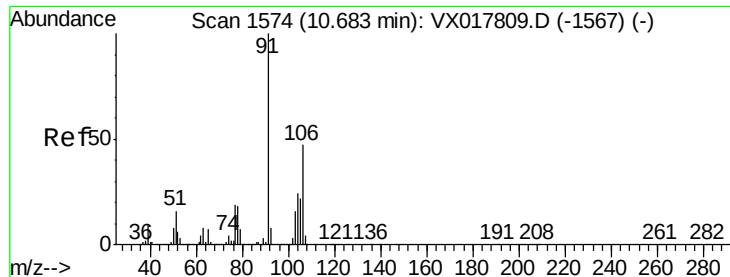
Tgt Ion: 106 Resp: 564819

Ion Ratio Lower Upper

106 100

91 209.5 143.3 266.1

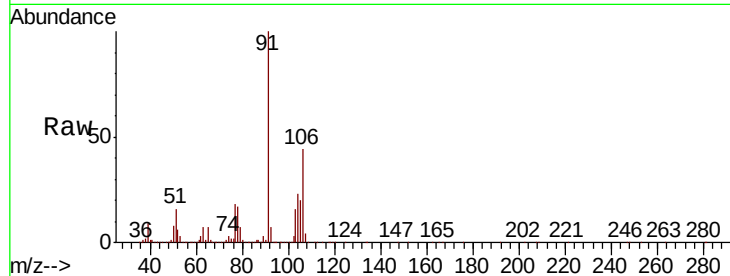




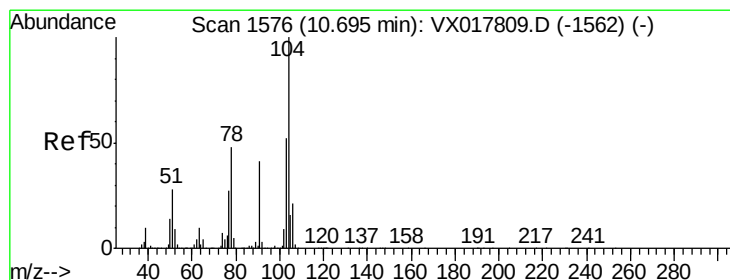
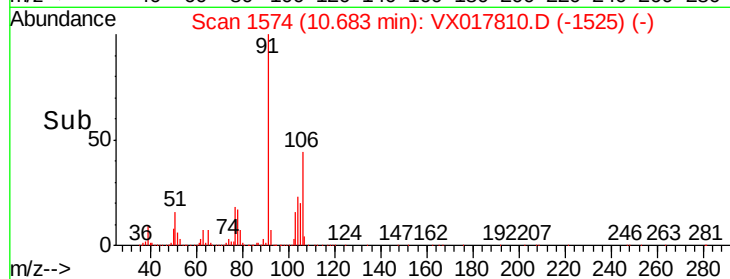
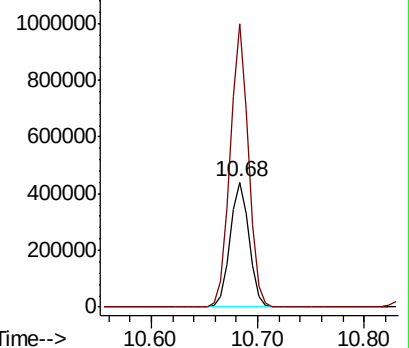
#56
o-xylene
Concen: 14.259 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 552114
Ion Ratio Lower Upper
106 100
91 226.4 149.8 278.2

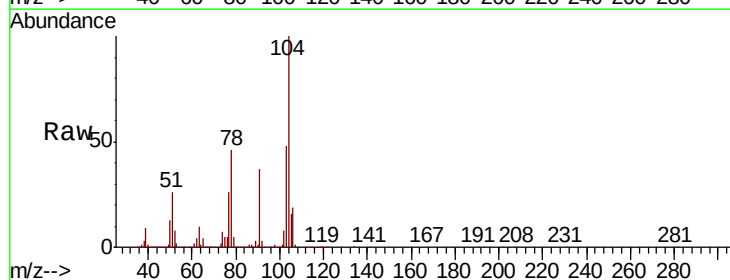


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

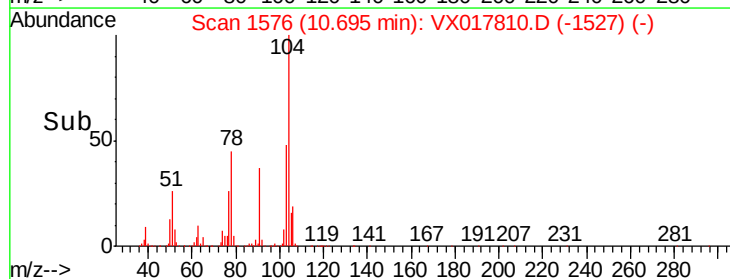
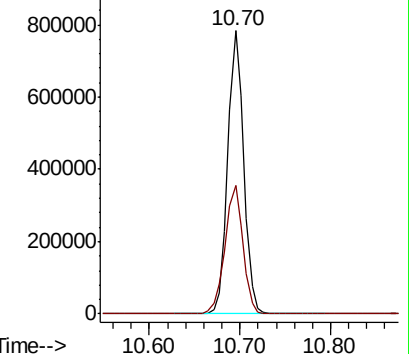


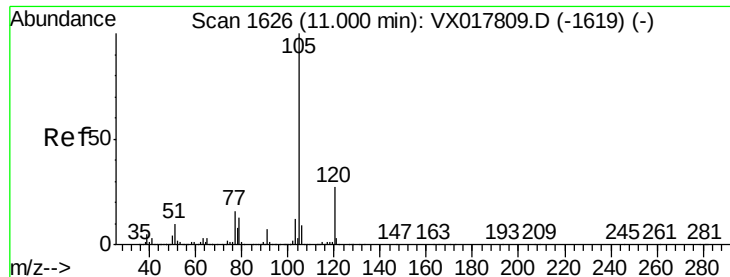
#57
Styrene
Concen: 14.905 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017810.D
Acq: 06 Aug 2020 16:57

Tgt Ion:104 Resp: 960044
Ion Ratio Lower Upper
104 100
78 45.5 33.7 62.5



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 14.847 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

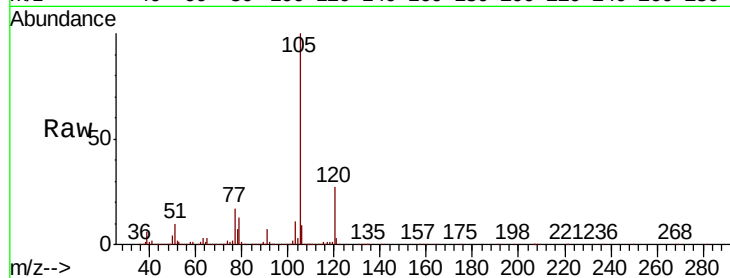
Tot Ion:105 Resp: 1488184

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

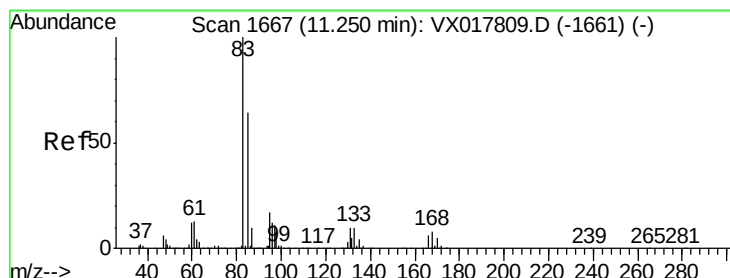
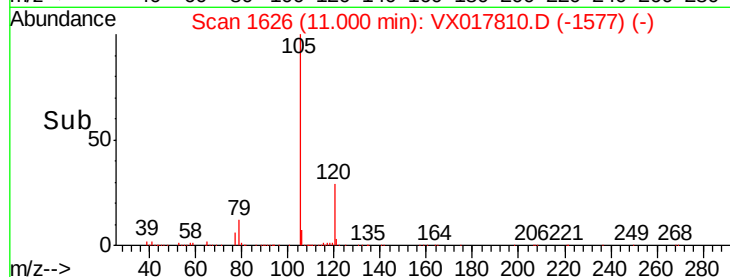
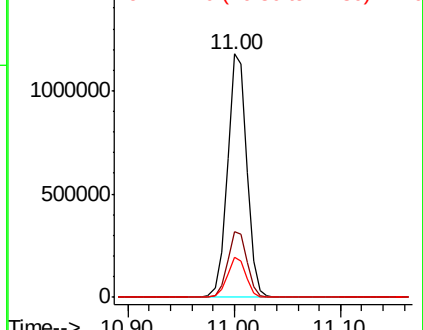
77 16.0 12.8 19.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 13.945 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

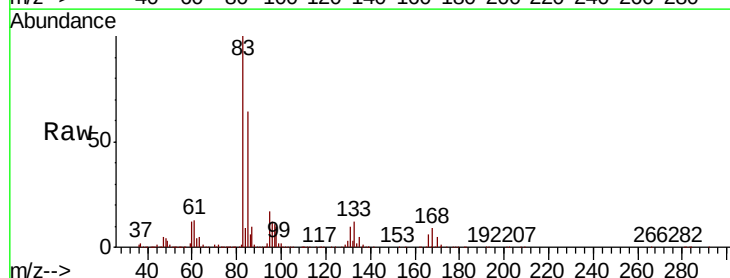
Tgt Ion: 83 Resp: 256875

Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

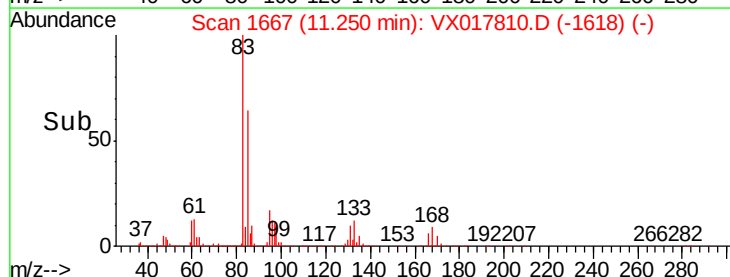
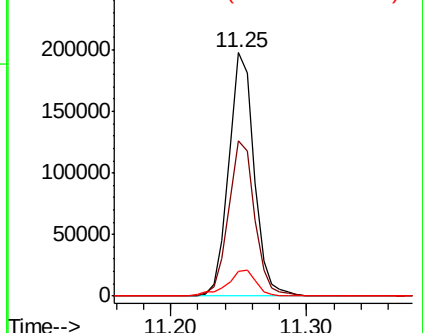
131 10.0 8.2 12.2

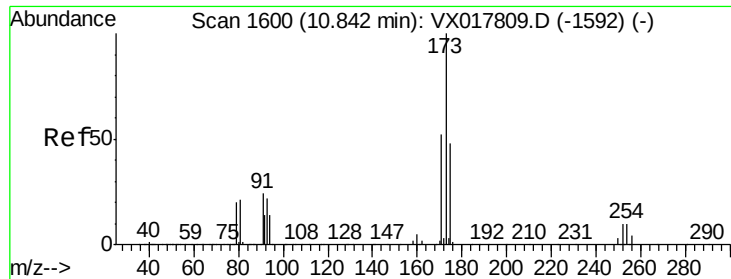


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 13.902 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

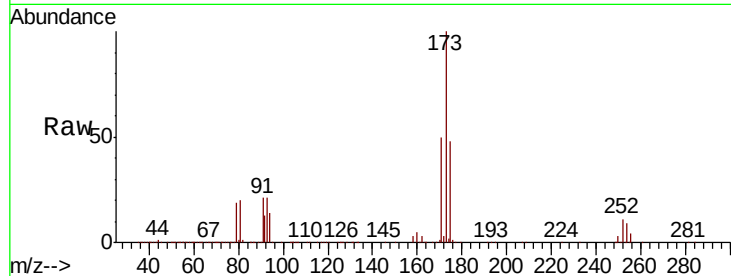
Tot Ion:173 Resp: 189692

Ion Ratio Lower Upper

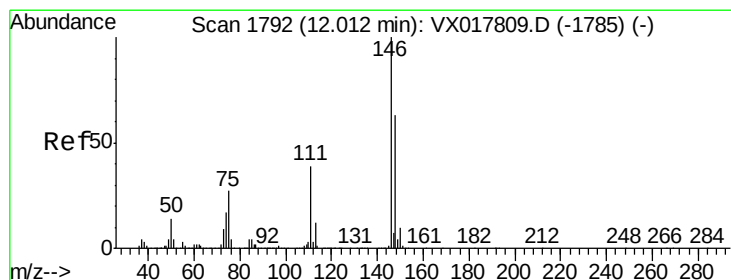
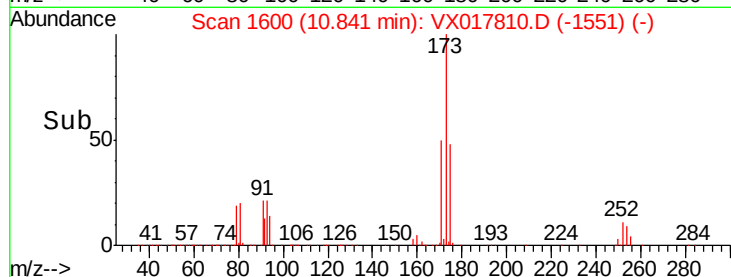
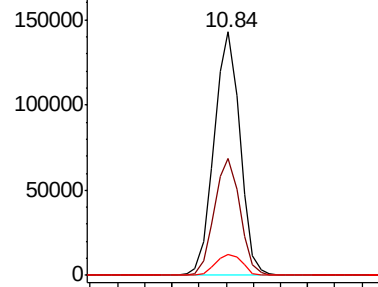
173 100

175 48.0 40.0 60.0

254 9.0 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 13.039 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

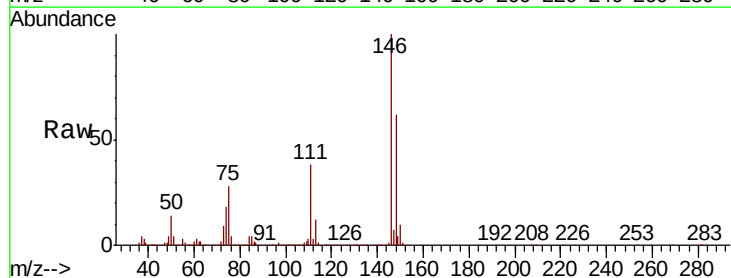
Tgt Ion:146 Resp: 722564

Ion Ratio Lower Upper

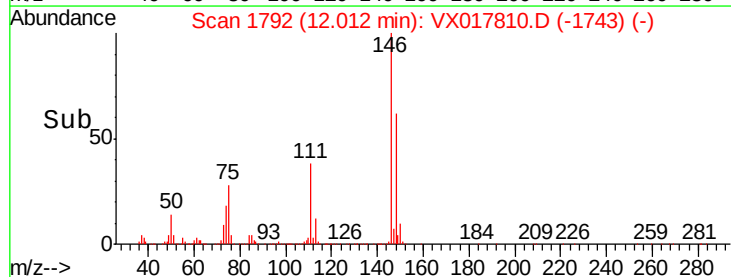
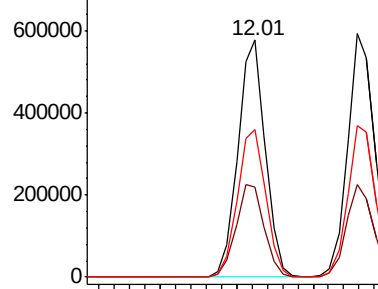
146 100

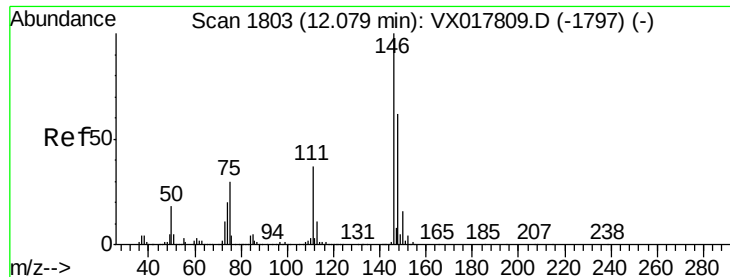
111 38.2 27.6 51.4

148 62.4 43.9 81.5



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

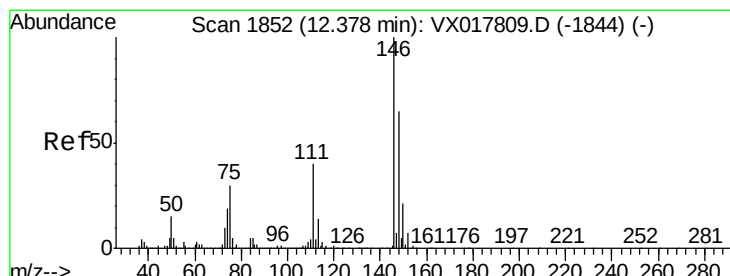
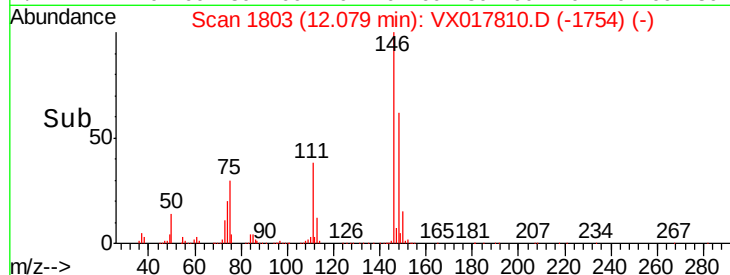
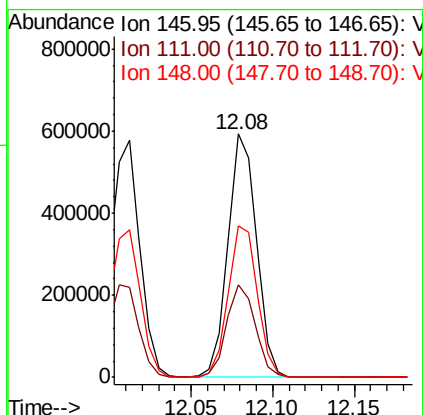
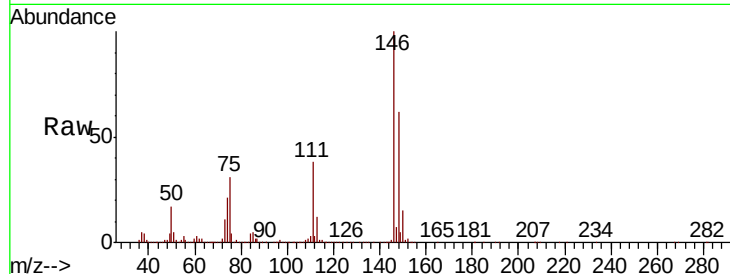




#64
 1,4-Dichlorobenzene
 Concen: 13.158 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

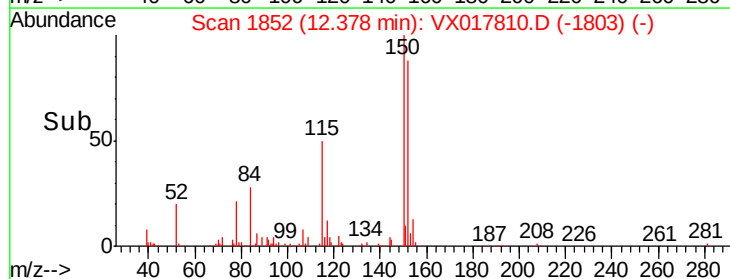
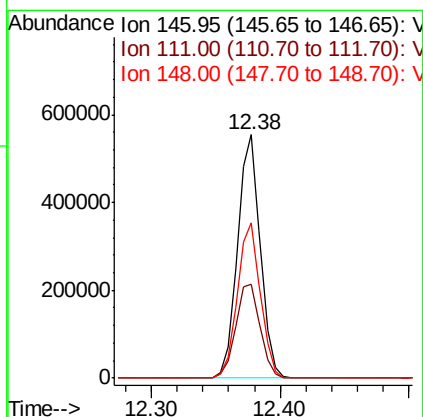
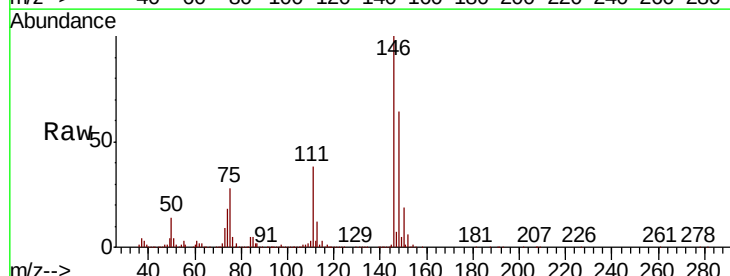
Instrument :
 MSVOA_X
 ClientSampled :

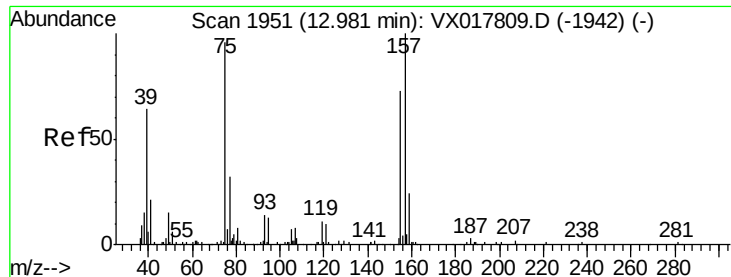
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.0	48.2
148	62.5	43.2	80.2



#66
 1,2-Dichlorobenzene
 Concen: 13.206 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	32.2	48.4
148	63.9	52.3	78.5

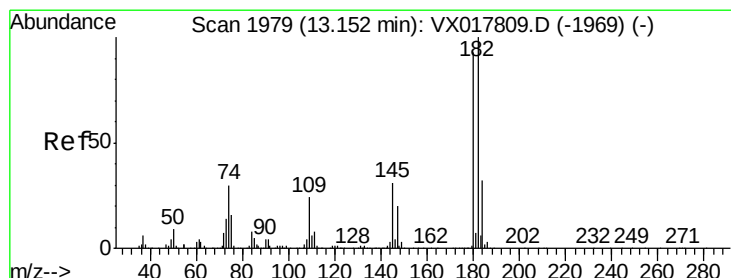
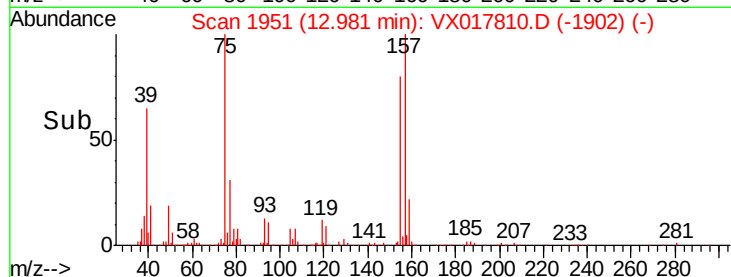
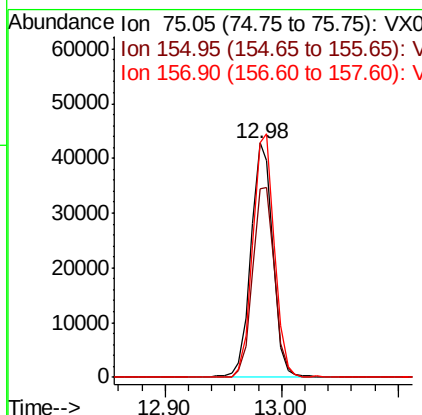
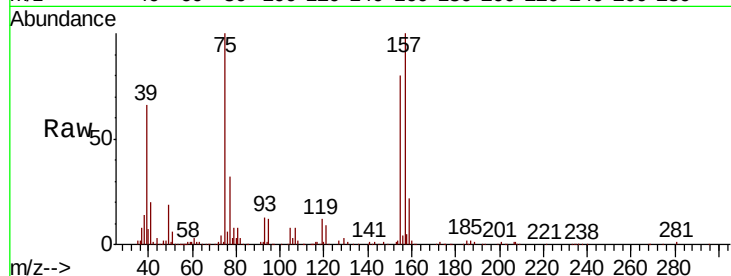




#67
 1,2-Dibromo-3-chloropropane
 Concen: 12.503 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

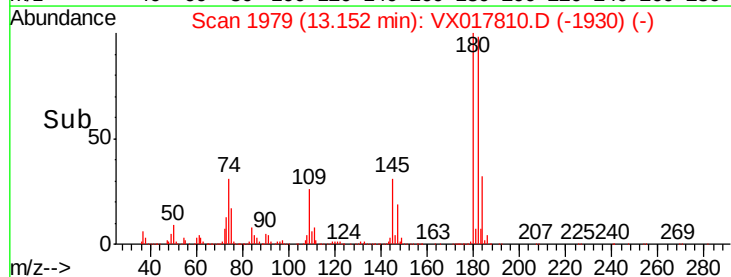
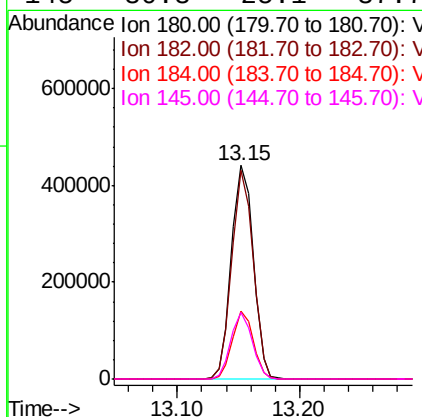
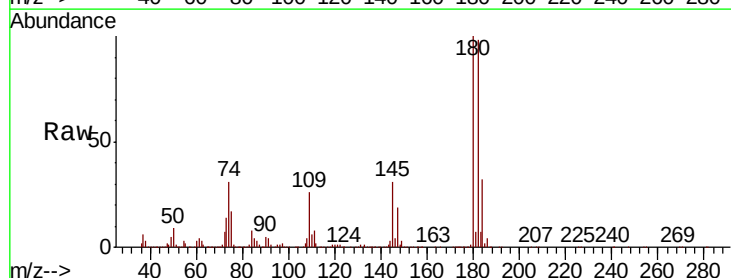
Instrument :
 MSVOA_X
 ClientSampleId :

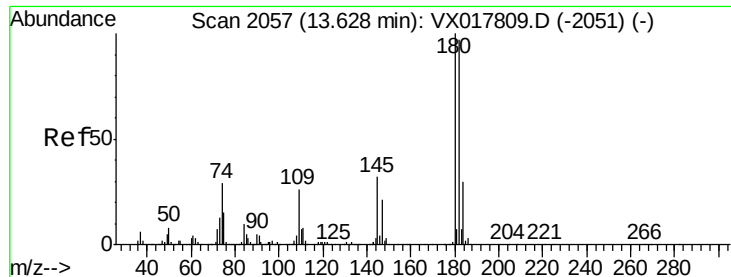
Tot Ion: 75 Resp: 55908
 Ion Ratio Lower Upper
 75 100
 155 80.4 60.9 91.3
 157 100.2 83.3 124.9



#68
 1,3,5-Trichlorobenzene
 Concen: 12.146 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Tgt Ion: 180 Resp: 544932
 Ion Ratio Lower Upper
 180 100
 182 95.3 80.2 120.4
 184 30.4 24.9 37.3
 145 30.3 25.1 37.7

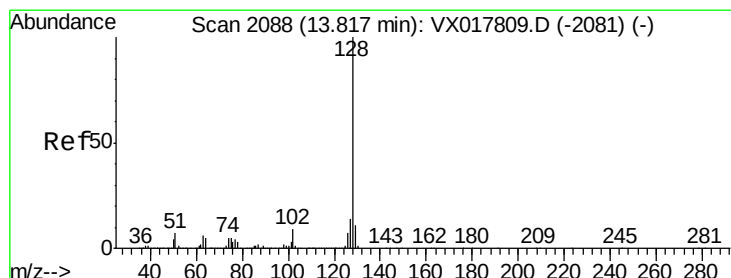
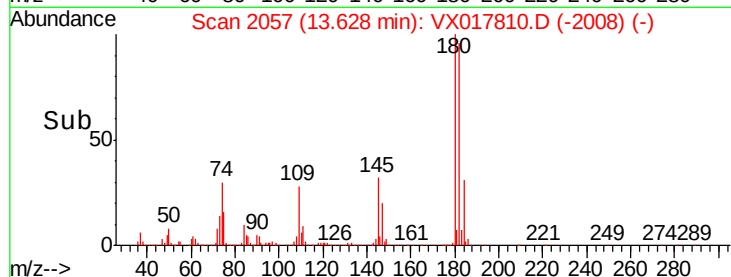
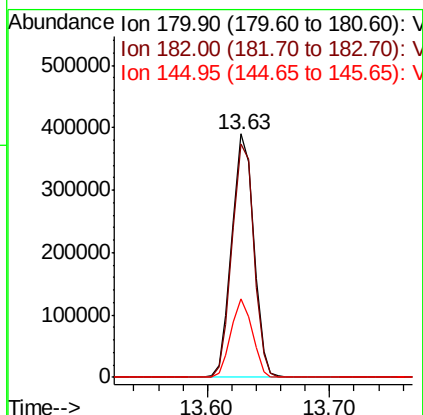
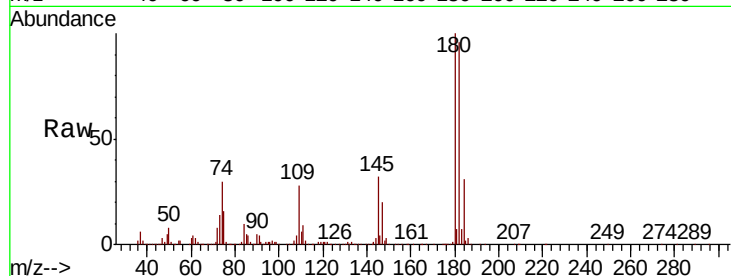




#69
 1,2,4-trichlorobenzene
 Concen: 14.109 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

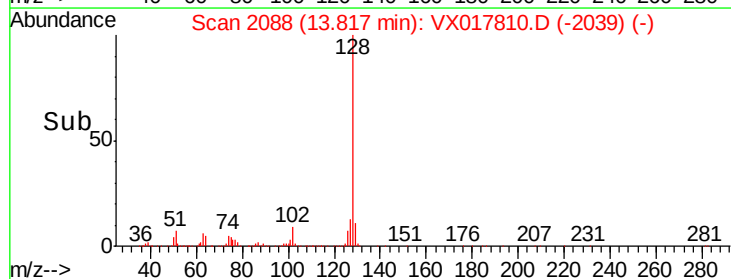
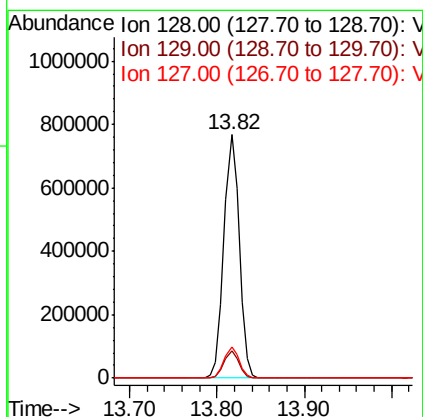
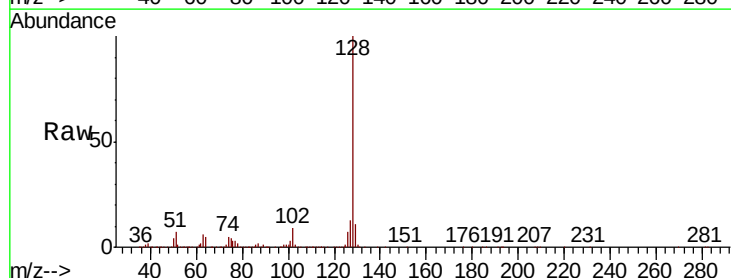
Instrument :
 MSVOA_X
 ClientSampled :

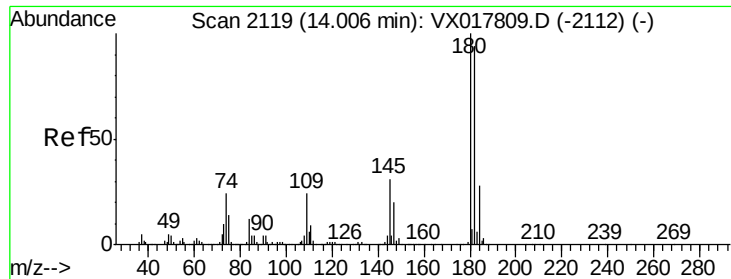
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.5	114.7
145	31.3	25.4	38.0



#70
 Naphthalene
 Concen: 15.540 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017810.D
 Acq: 06 Aug 2020 16:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	12.5	11.0	16.4





#71

1,2,3-Trichlorobenzene

Concen: 14.199 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017810.D

Acq: 06 Aug 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

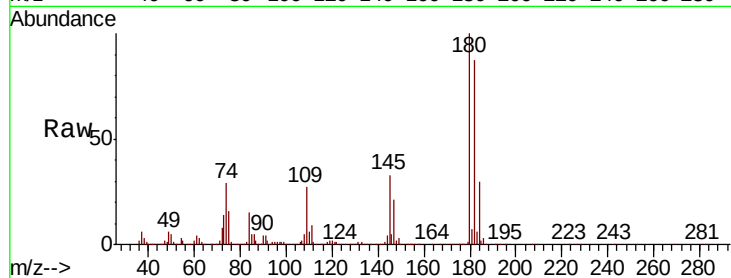
Tot Ion:180 Resp: 450557

Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.0

145 33.8 27.4 41.0



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

