

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017808.D
 Acq On : 06 Aug 2020 16:07
 Operator : JC/SP
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:01:31 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	6.84	114	318064	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	305921	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	148406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	20801	0.86	ug/L	0.00
7) Chloroethane-d5	1.69	69	17072	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	42184	0.90	ug/L	0.00
20) 2-Butanone-d5	4.54	46	47479	9.89	ug/L	0.01
24) Chloroform-d	5.14	84	41701	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	22293	0.93	ug/L	0.00
32) Benzene-d6	6.05	84	78750	1.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	24620	1.06	ug/L	0.00
41) Toluene-d8	8.70	98	71723	0.96	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	9462	0.94	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	35547	9.48	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	16612	0.93	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	27350	1.05	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	32836	0.932	ug/L	100
3) Chloromethane	1.31	50	27050	0.840	ug/L	99
5) Vinyl chloride	1.39	62	25757	0.840	ug/L	94
6) Bromomethane	1.64	94	15201	0.885	ug/L	94
8) Chloroethane	1.72	64	15723	0.926	ug/L	94
9) Trichlorofluoromethane	1.92	101	42977	0.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	21723	0.879	ug/L	98
12) 1,1-Dichloroethene	2.36	96	20998	0.915	ug/L	90
13) Acetone	2.42	43	35854	9.484	ug/L	100
14) Carbon disulfide	2.55	76	78509	1.007	ug/L	96
15) Methyl Acetate	2.75	43	11587	1.046	ug/L #	90
16) Methylene chloride	2.84	84	32773	1.042	ug/L	95
17) Methyl tert-butyl Ether	3.17	73	54129	0.975	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	24192	0.986	ug/L	94
19) 1,1-Dichloroethane	3.67	63	44271	1.016	ug/L	96
21) 2-Butanone	4.64	43	57145	9.358	ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	24061	0.990	ug/L #	97
23) Bromochloromethane	4.98	128	11909	1.009	ug/L	88
25) Chloroform	5.17	83	47950	1.044	ug/L	97
27) 1,2-Dichloroethane	6.17	62	29295	0.994	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	44594	1.035	ug/L	98
30) Cyclohexane	5.54	56	35974	1.032	ug/L	95
31) Carbon tetrachloride	5.76	117	41209	1.060	ug/L	98
33) Benzene	6.11	78	93632	0.996	ug/L	100
34) Trichloroethene	7.19	95	28685	1.110	ug/L	99
35) Methylcyclohexane	7.44	83	32963	0.937	ug/L	93
37) 1,2-Dichloropropane	7.49	63	22529	0.966	ug/L #	94
38) Bromodichloromethane	7.87	83	32725	1.015	ug/L #	95
39) cis-1,3-Dichloropropene	8.42	75	35479	1.026	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	134684	9.554	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

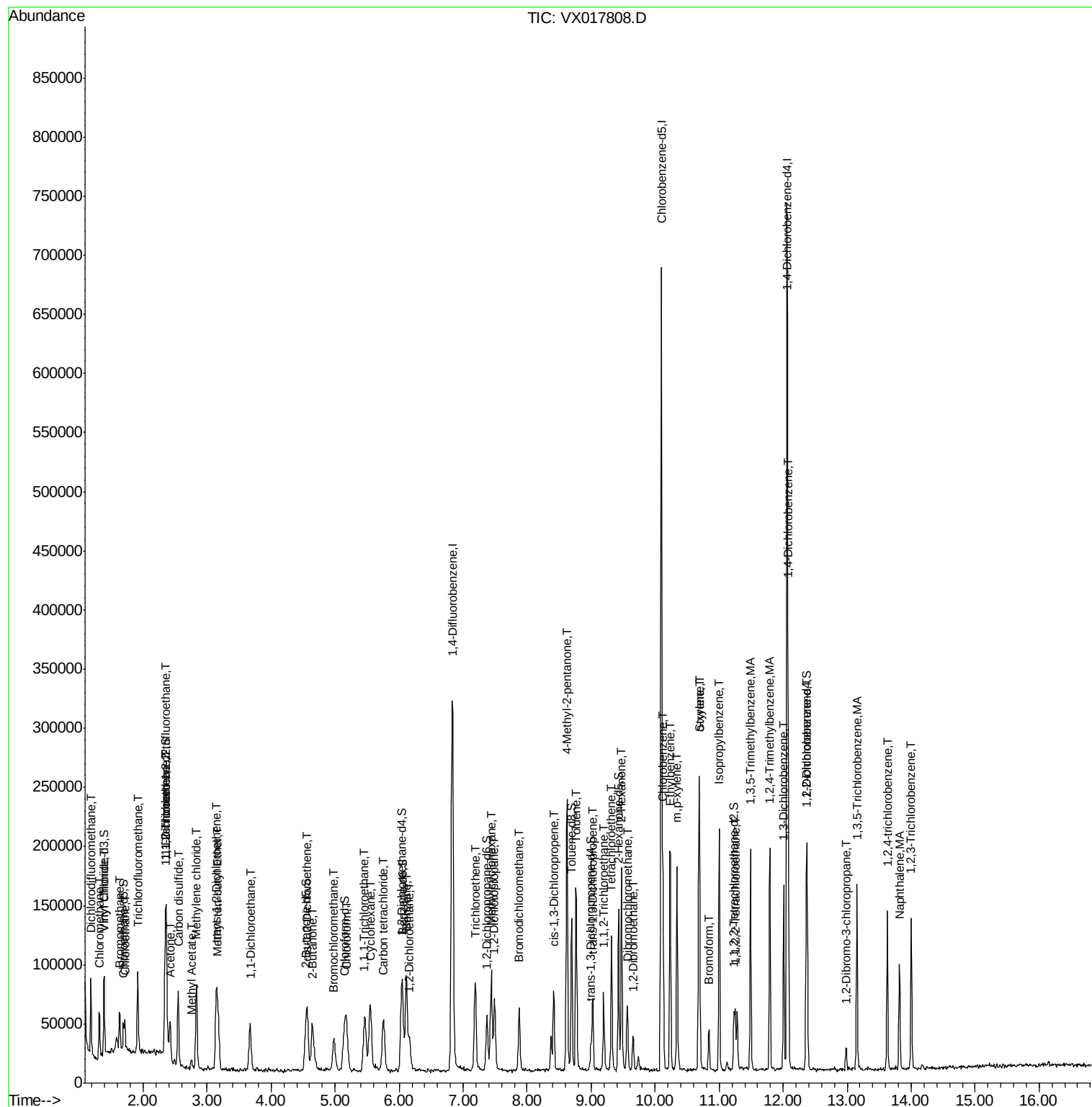
42) Toluene	8.76	91	98398	1.022	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	79922	0.890	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	78504	0.870	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	29235	0.966	ug/L	89
47) 1,1,2-Trichloroethane	9.20	97	16838	1.010	ug/L	87
49) Tetrachloroethene	9.32	164	21966	1.043	ug/L	92
50) 2-Hexanone	9.48	43	92909	9.003	ug/L	100
51) Dibromochloromethane	9.57	129	24057	1.045	ug/L	93
52) 1,2-Dibromoethane	9.65	107	16601	1.002	ug/L #	99
53) Chlorobenzene	10.12	112	65807	1.017	ug/L	96
54) Ethylbenzene	10.24	91	107365	1.036	ug/L	97
55) m,p-xylene	10.34	106	39231	0.950	ug/L	97
56) o-xylene	10.68	106	38389	0.954	ug/L	94
57) Styrene	10.70	104	63976	0.956	ug/L	93
58) Isopropylbenzene	11.00	105	100794	0.968	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.26	83	17774	0.929	ug/L	95
62) Bromoform	10.84	173	13002	1.046	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	51836	1.027	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	51084	1.025	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	48602	1.042	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	4000	0.982	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	35787	0.875	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	30944	0.994	ug/L	99
70) Naphthalene	13.82	128	54177	0.992	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	30392	1.051	ug/L	96

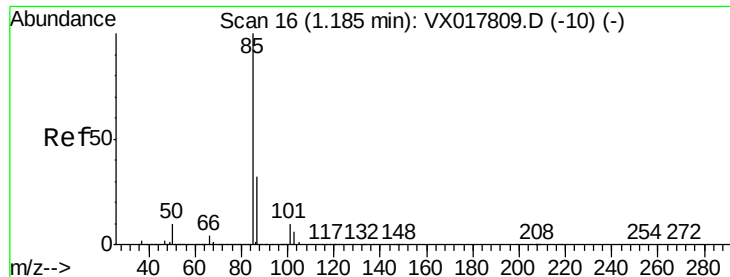
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.932 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

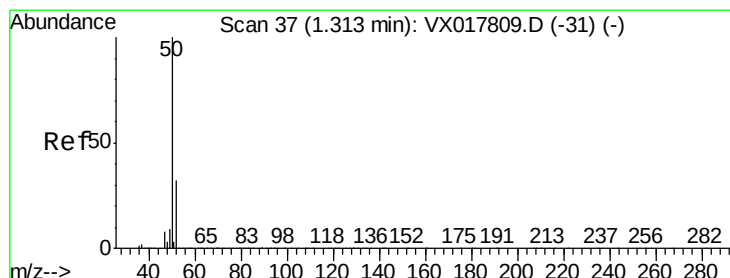
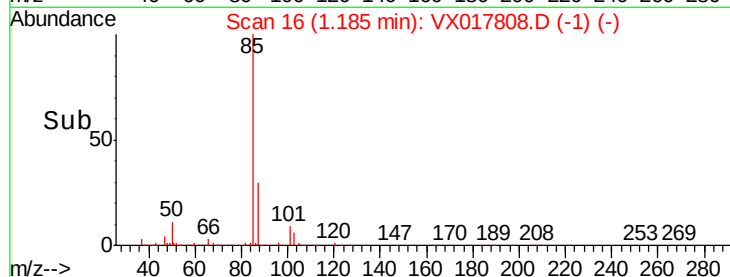
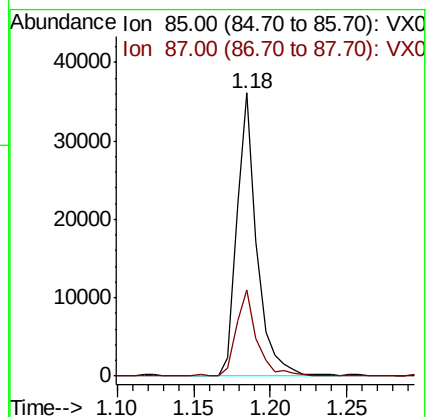
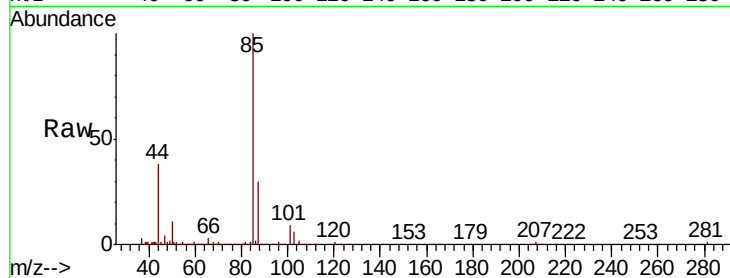
ClientSampleId :

Tot Ion: 85 Resp: 32836

Ion Ratio Lower Upper

85 100

87 31.3 25.2 37.8



#3

Chloromethane

Concen: 0.840 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017808.D

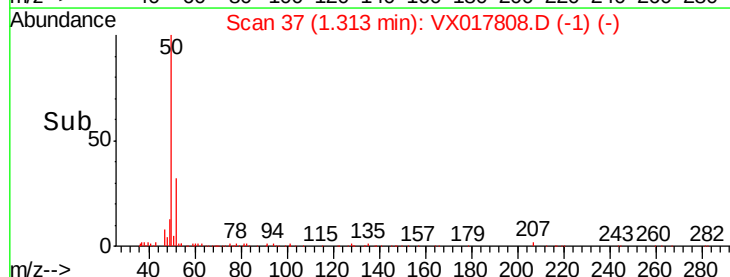
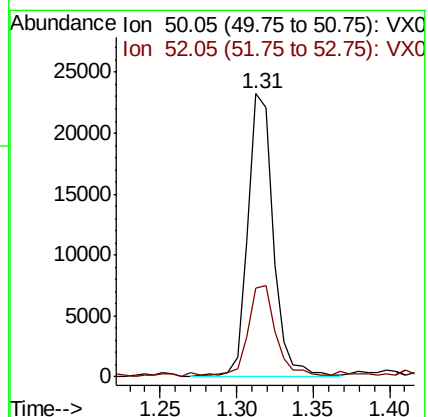
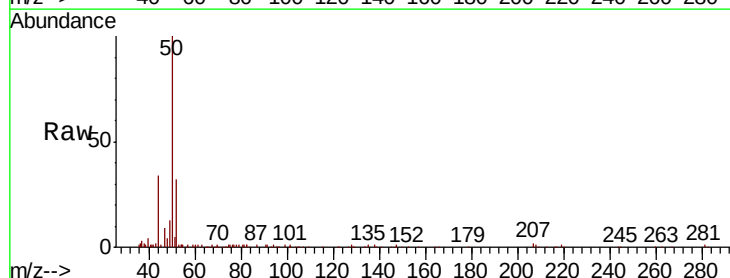
Acq: 06 Aug 2020 16:07

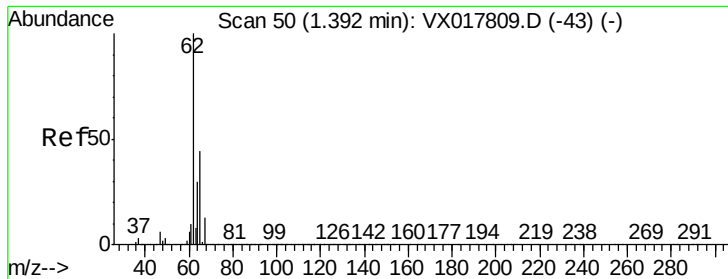
Tgt Ion: 50 Resp: 27050

Ion Ratio Lower Upper

50 100

52 31.5 22.5 41.9





#5

Vinyl chloride

Concen: 0.840 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

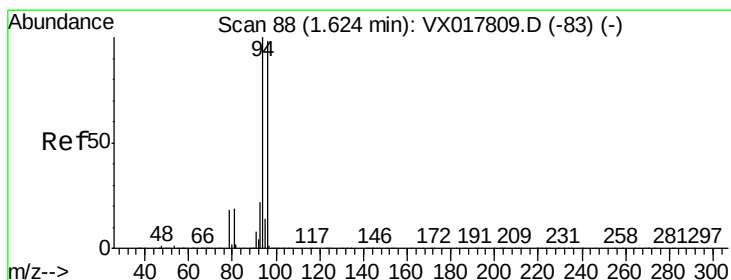
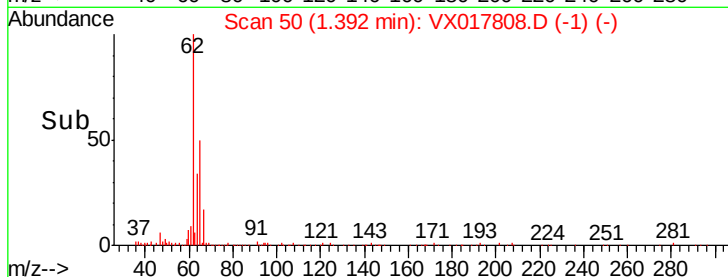
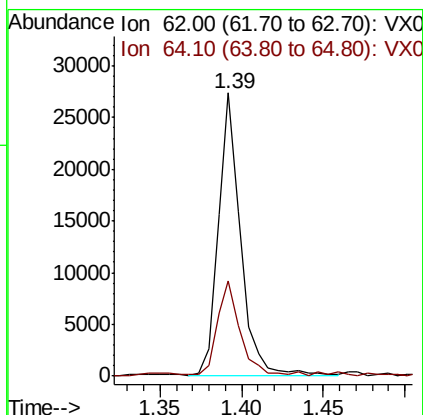
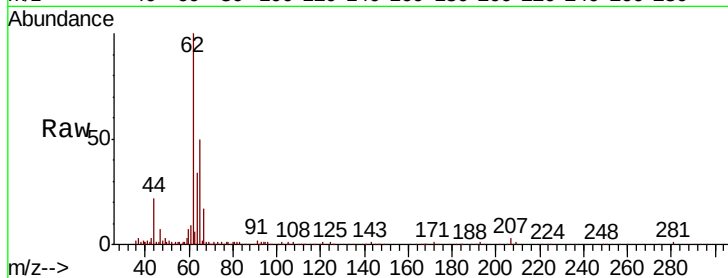
ClientSampleId :

Tot Ion: 62 Resp: 25757

Ion Ratio Lower Upper

62 100

64 33.7 21.3 39.6



#6

Bromomethane

Concen: 0.885 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017808.D

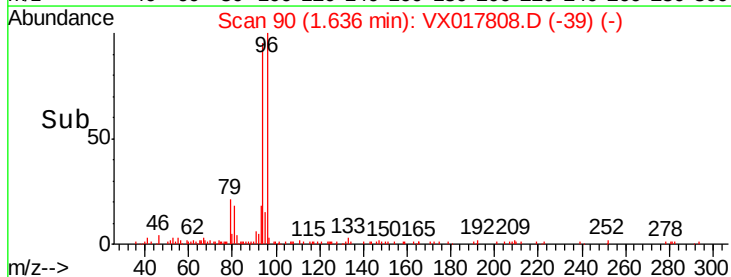
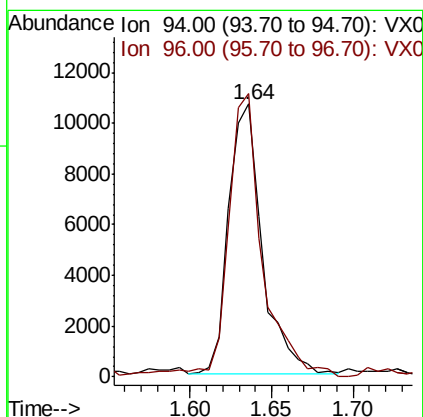
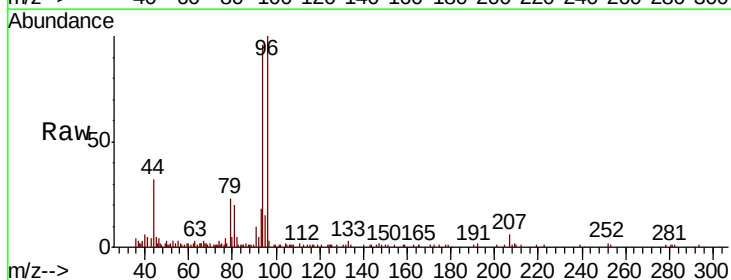
Acq: 06 Aug 2020 16:07

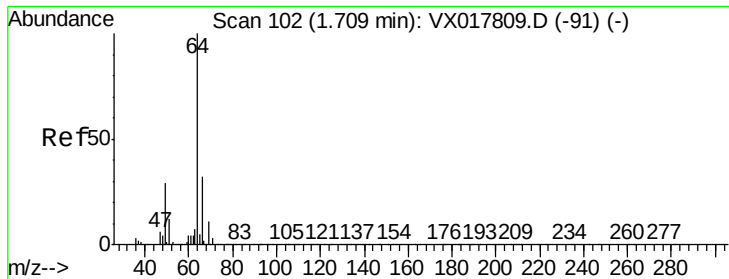
Tgt Ion: 94 Resp: 15201

Ion Ratio Lower Upper

94 100

96 103.7 68.5 127.1





#8

Chloroethane

Concen: 0.926 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

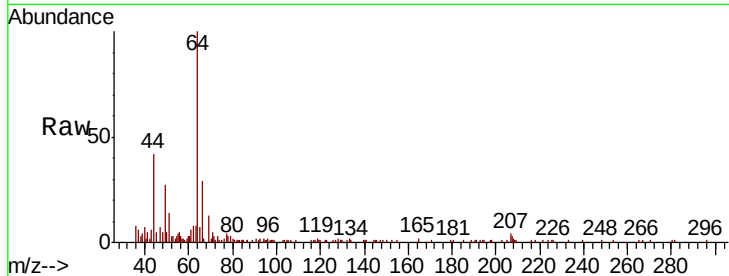
ClientSampleId :

Tot Ion: 64 Resp: 15723

Ion Ratio Lower Upper

64 100

66 28.9 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

12000

10000

8000

6000

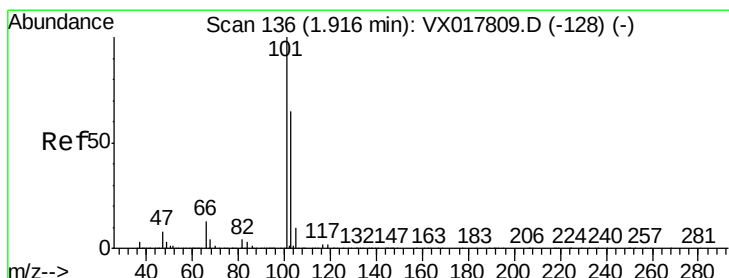
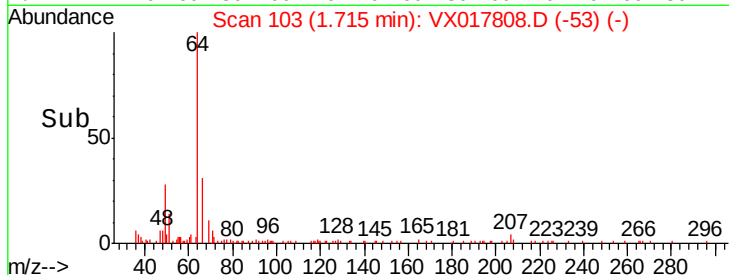
4000

2000

0

1.65 1.70 1.75 1.80

Time-->



#9

Trichlorofluoromethane

Concen: 0.955 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017808.D

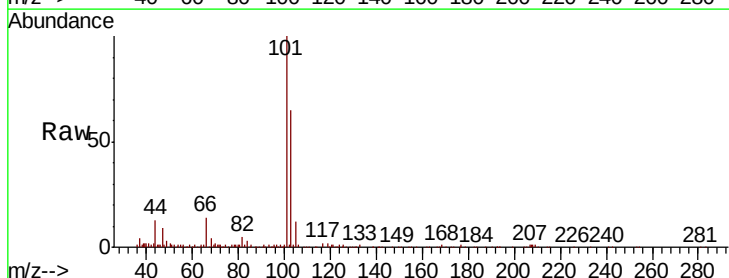
Acq: 06 Aug 2020 16:07

Tgt Ion: 101 Resp: 42977

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

30000

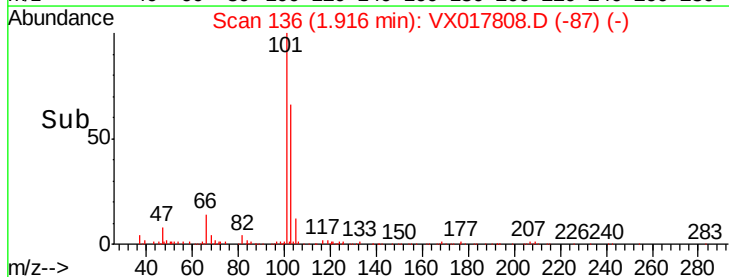
20000

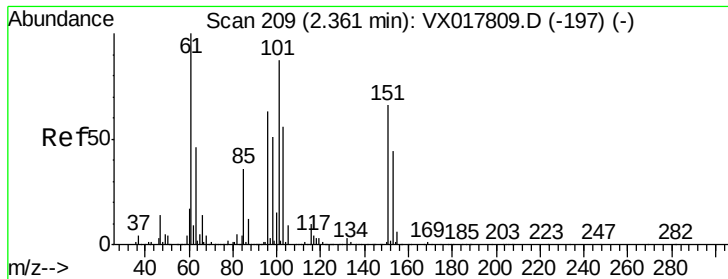
10000

0

1.85 1.90 1.95 2.00

Time-->





#10

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

Concen: 0.879 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

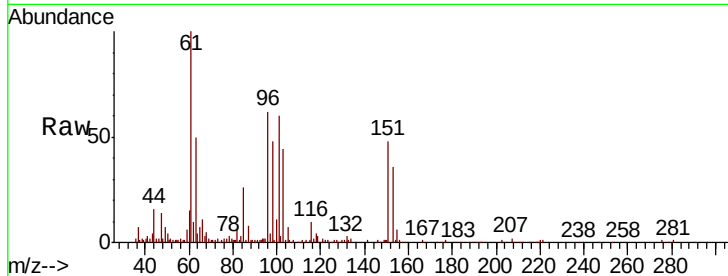
Tot Ion:101 Resp: 21723

Ion Ratio Lower Upper

101 100

85 46.7 34.3 51.5

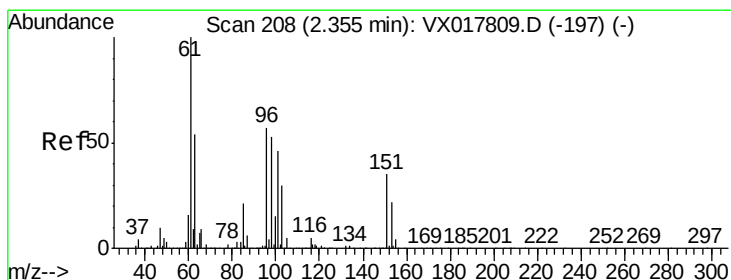
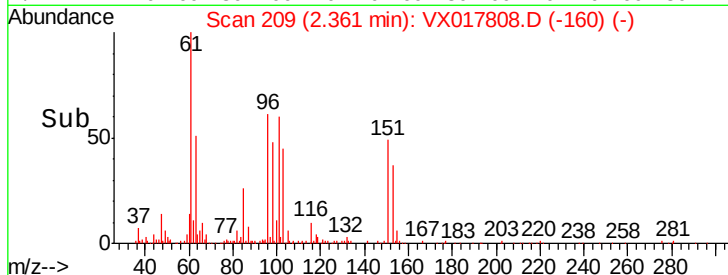
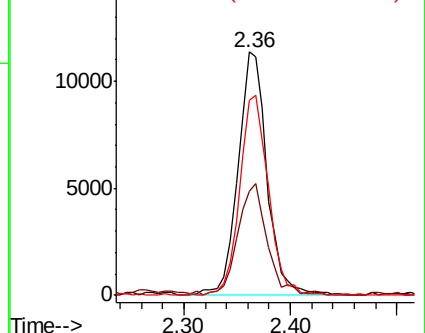
151 81.3 64.8 97.2



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: 0.915 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

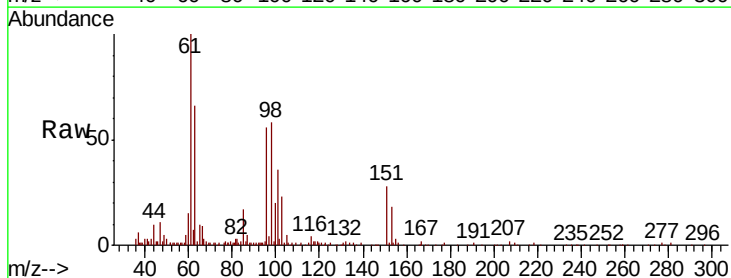
Tgt Ion: 96 Resp: 20998

Ion Ratio Lower Upper

96 100

61 179.3 123.5 229.3

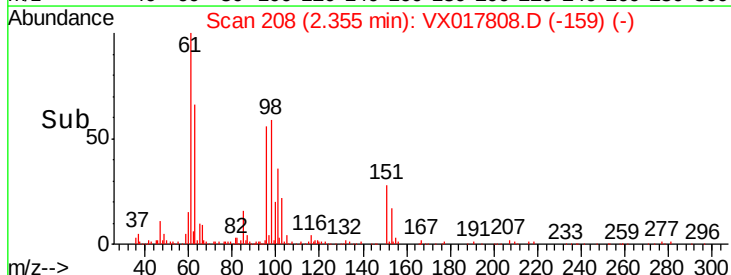
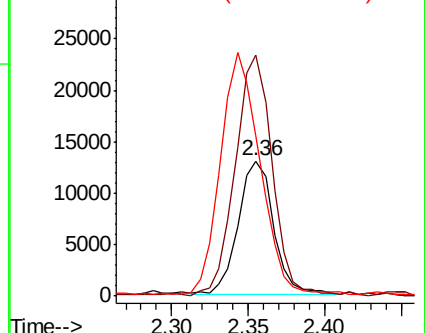
63 119.1 67.0 124.4

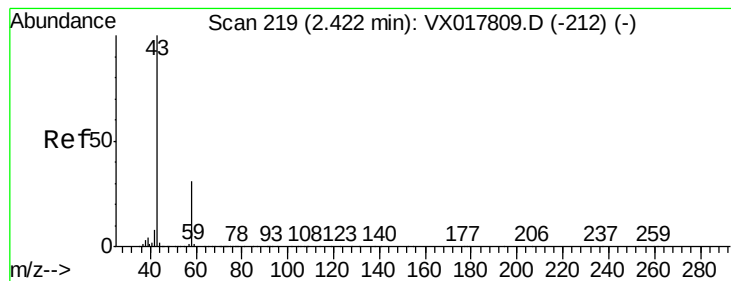


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 9.484 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

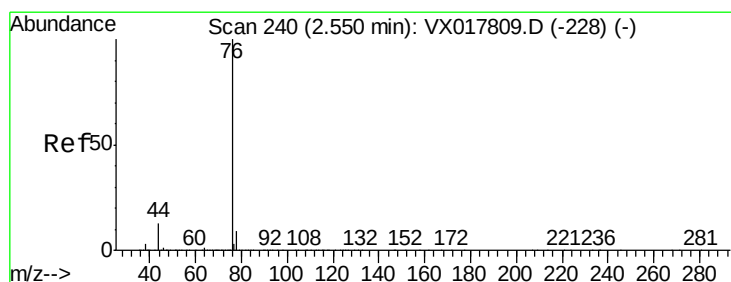
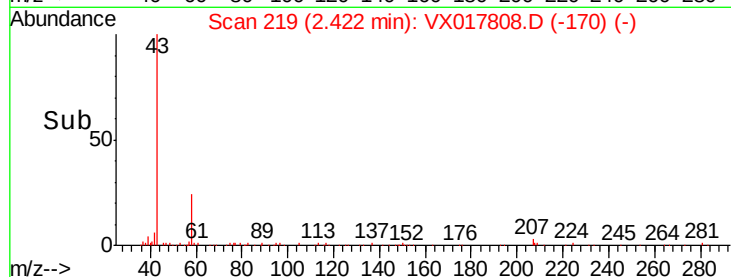
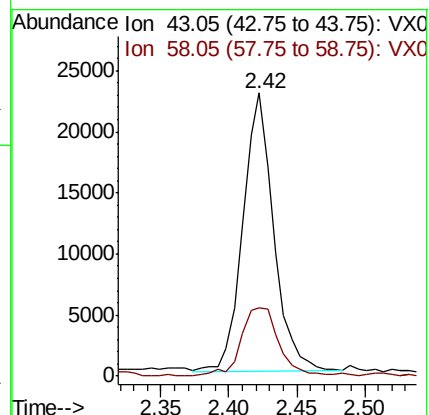
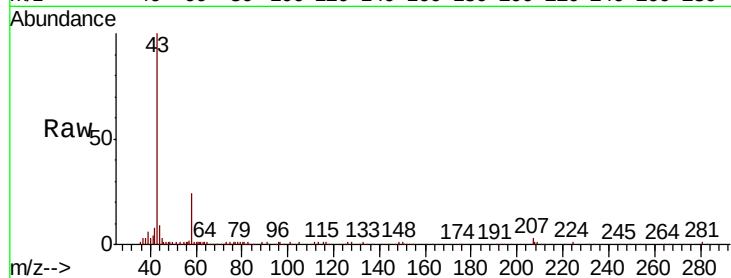
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 35854

Ion Ratio Lower Upper

43 100

58 30.5 0.0 60.8



#14

Carbon disulfide

Concen: 1.007 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017808.D

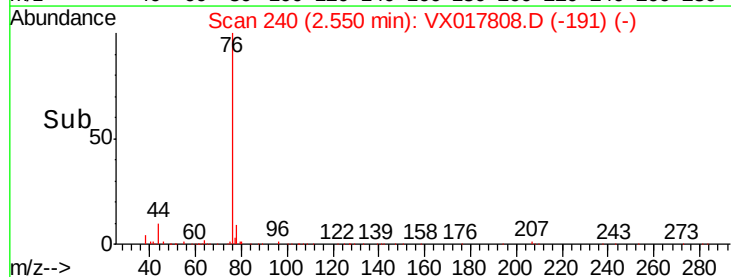
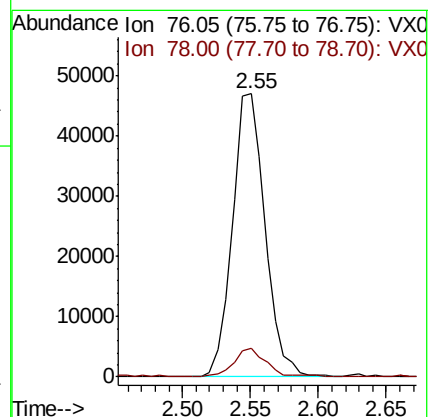
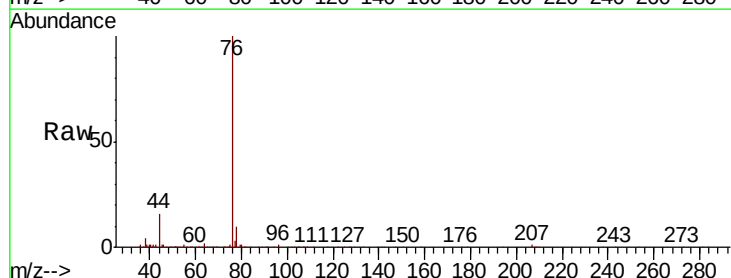
Acq: 06 Aug 2020 16:07

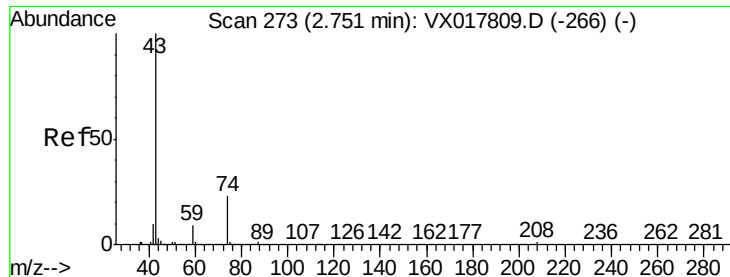
Tgt Ion: 76 Resp: 78509

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.4

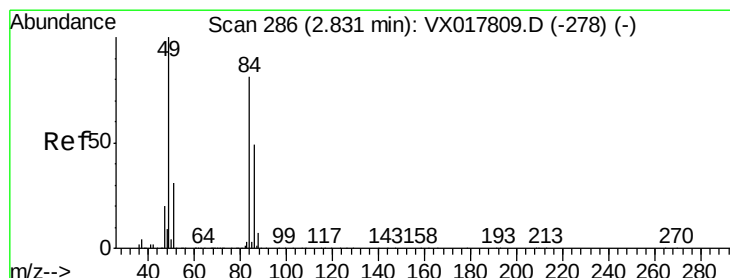
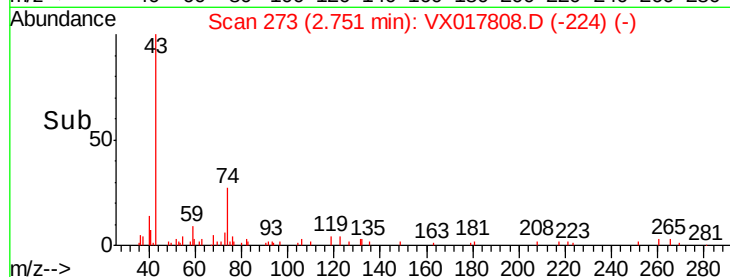
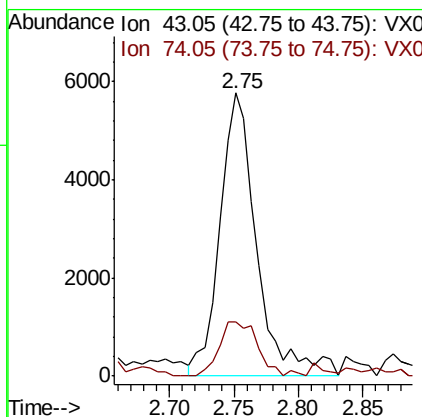
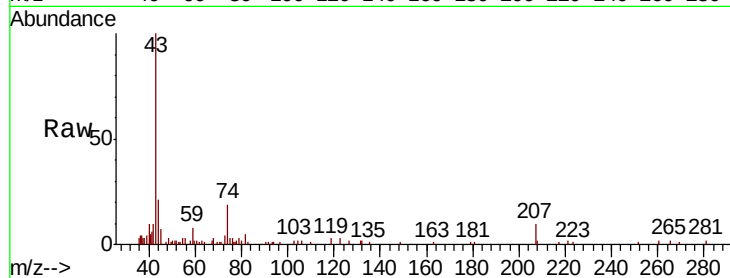




#15
Methvl Acetate
Concen: 1.046 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

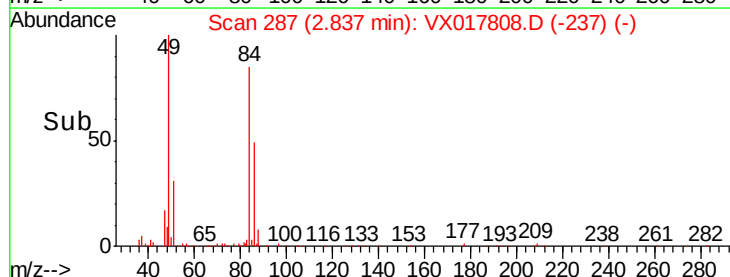
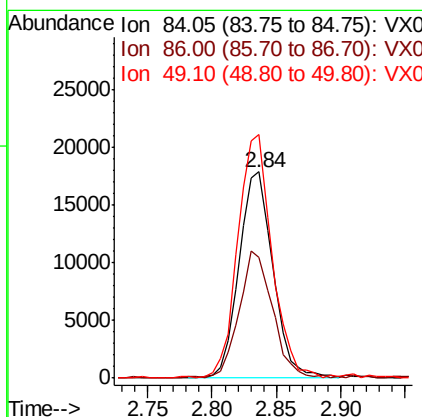
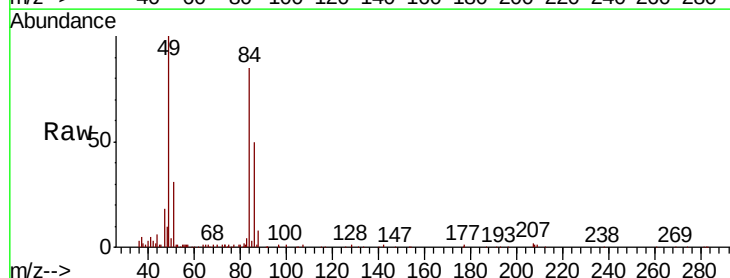
Instrument :
MSVOA_X
ClientSampleId :

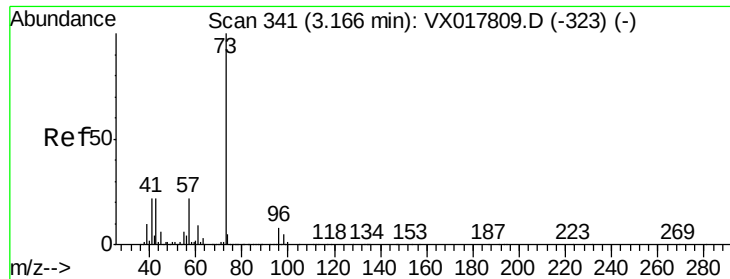
Tot Ion: 43 Resp: 11587
Ion Ratio Lower Upper
43 100
74 20.3 20.4 30.6#



#16
Methylene chloride
Concen: 1.042 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion: 84 Resp: 32773
Ion Ratio Lower Upper
84 100
86 58.7 43.0 80.0
49 118.2 86.9 161.3

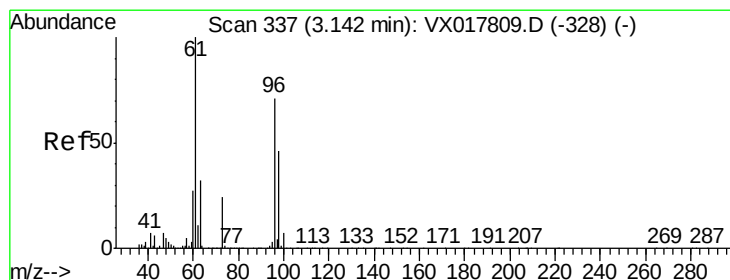
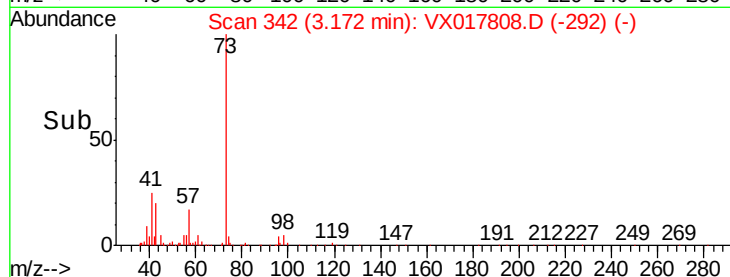
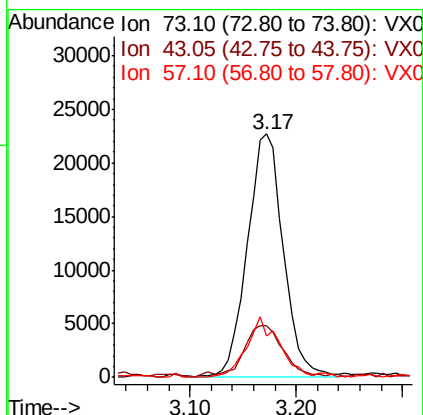
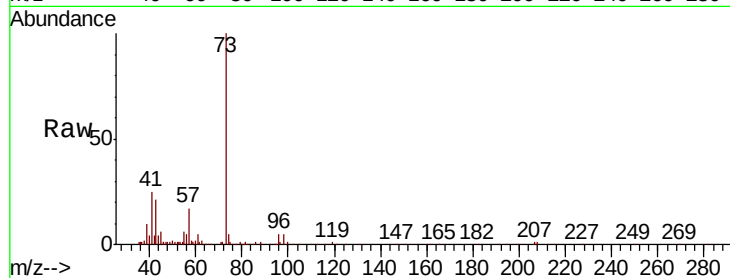




#17
Methyl tert-butyl Ether
Concen: 0.975 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

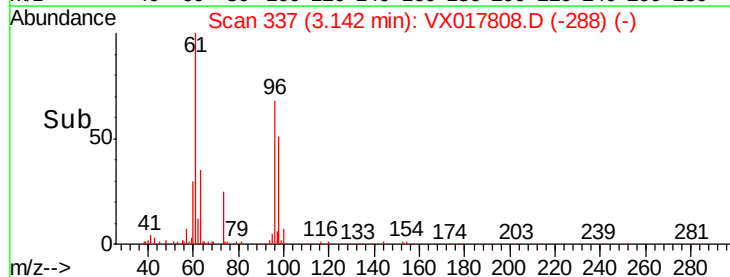
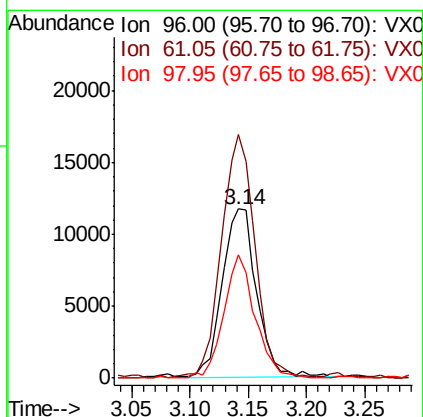
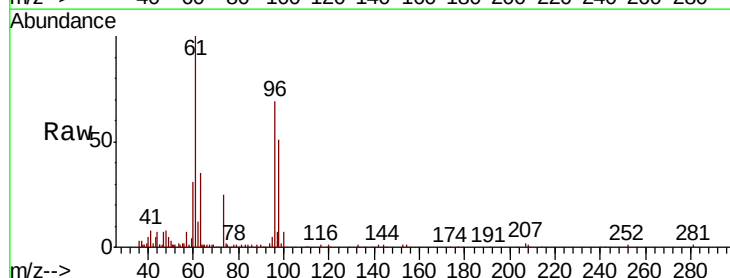
Instrument :
MSVOA_X
ClientSampleId :

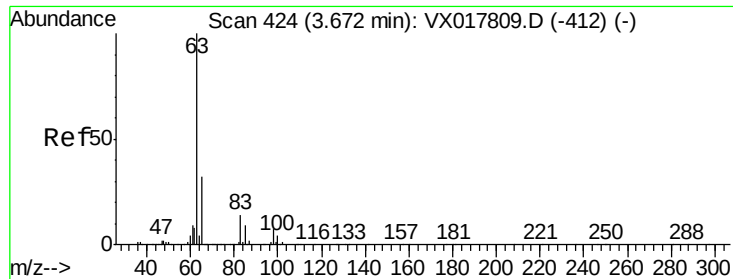
Tot Ion: 73 Resp: 54129
Ion Ratio Lower Upper
73 100
43 24.3 17.7 26.5
57 22.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.986 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion: 96 Resp: 24192
Ion Ratio Lower Upper
96 100
61 144.2 98.4 182.8
98 73.3 44.9 83.5

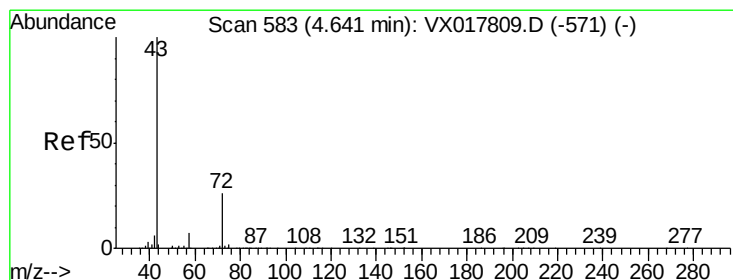
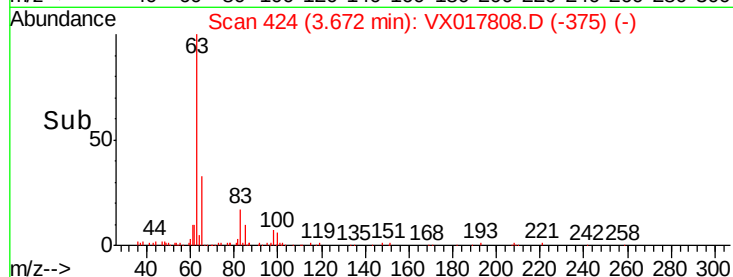
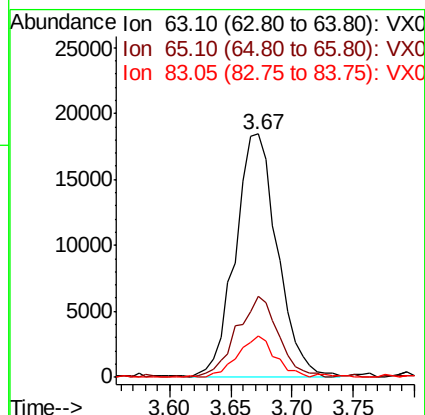
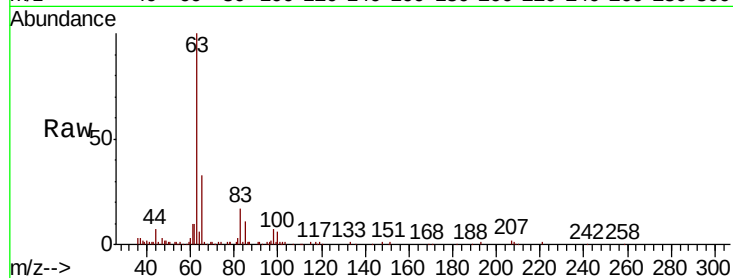




#19
 1,1-Dichloroethane
 Concen: 1.016 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

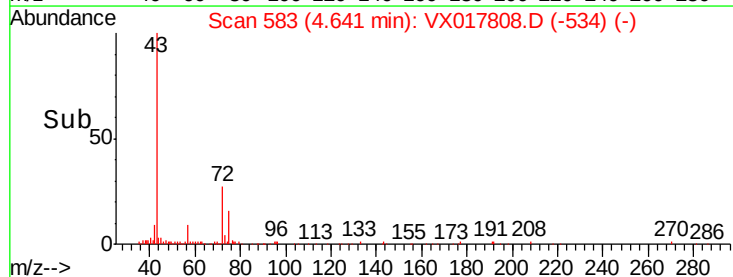
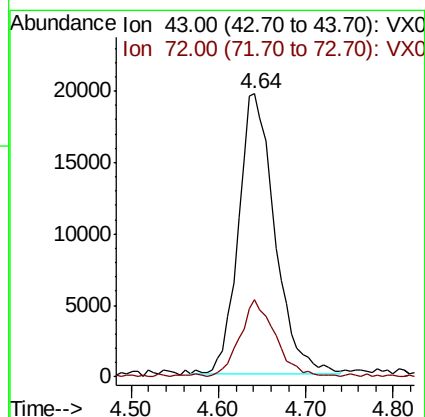
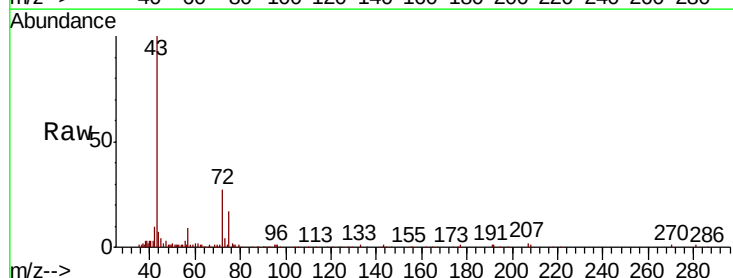
Instrument :
 MSVOA_X
 ClientSampleId :

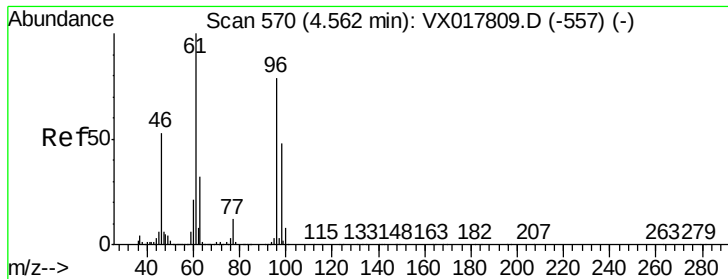
Tot Ion: 63 Resp: 44271
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.6 42.0
 83 17.0 9.5 17.7



#21
 2-Butanone
 Concen: 9.358 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion: 43 Resp: 57145
 Ion Ratio Lower Upper
 43 100
 72 26.4 13.2 39.6



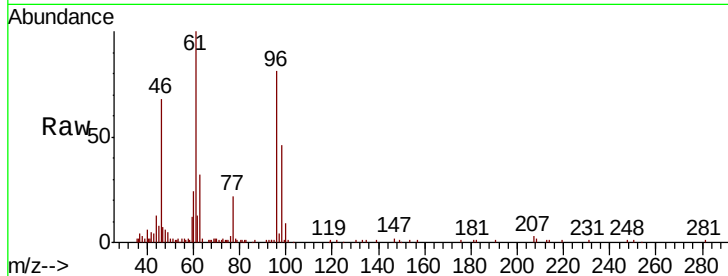


#22

cis-1,2-Dichloroethene
Concen: 0.990 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.6	88.8	165.0
68	2.4	0.2	0.4

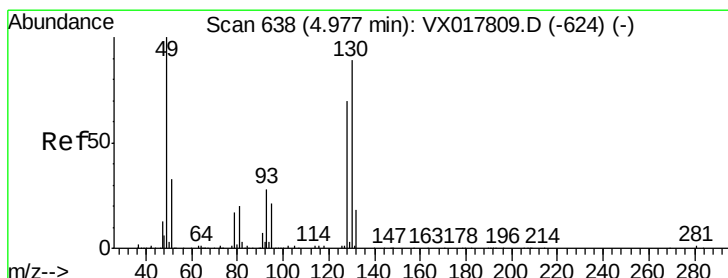
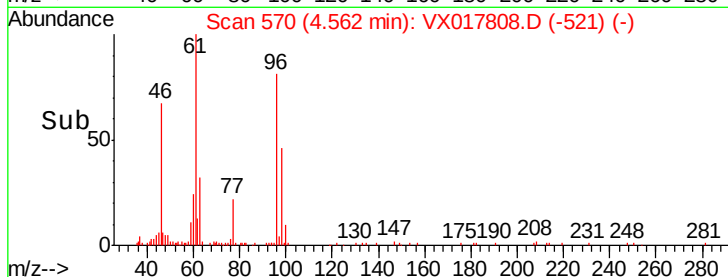
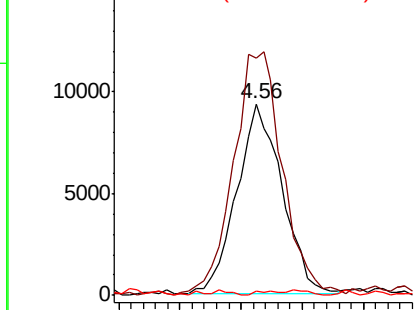


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

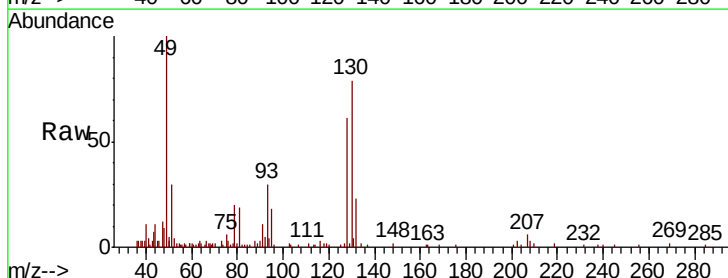
Ion 68.15 (67.85 to 68.85): VX0



#23

Bromochloromethane
Concen: 1.009 ug/L
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
128	100		
49	171.6	100.2	186.0
130	128.8	89.1	165.5
51	48.9	37.2	55.8



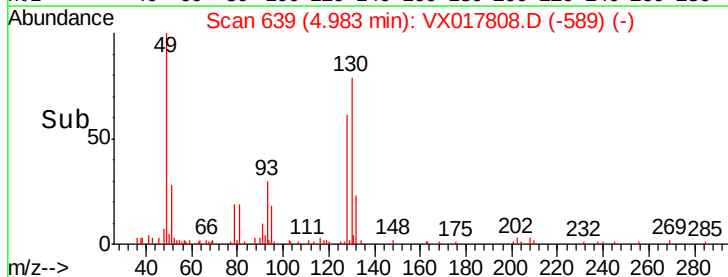
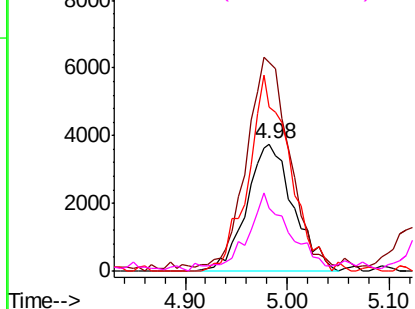
Abundance

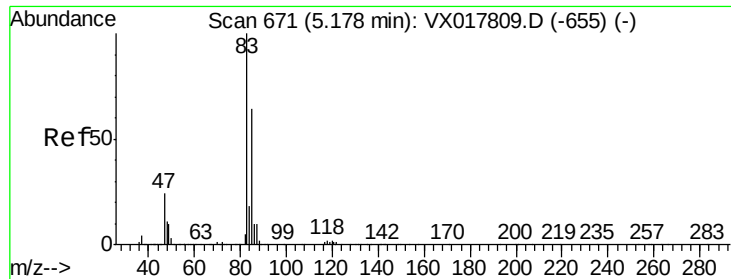
Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VX0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VX0

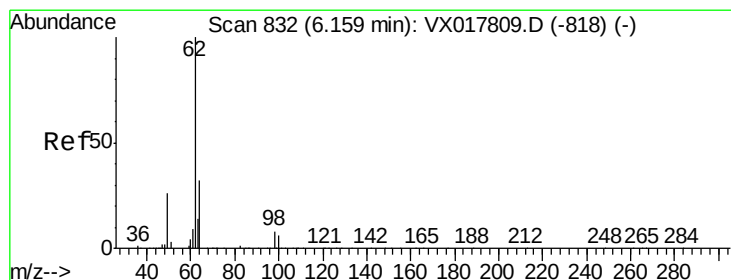
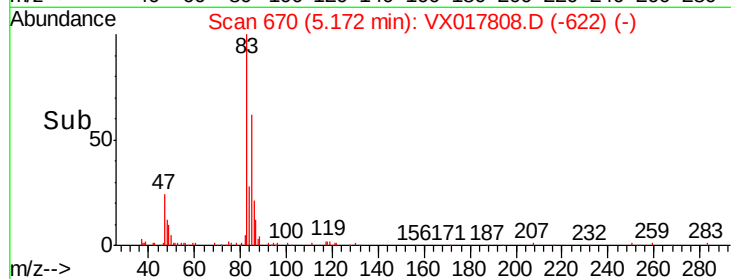
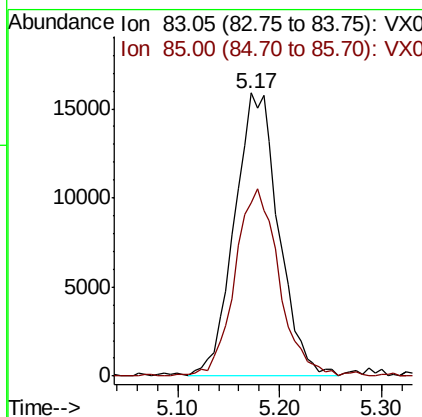
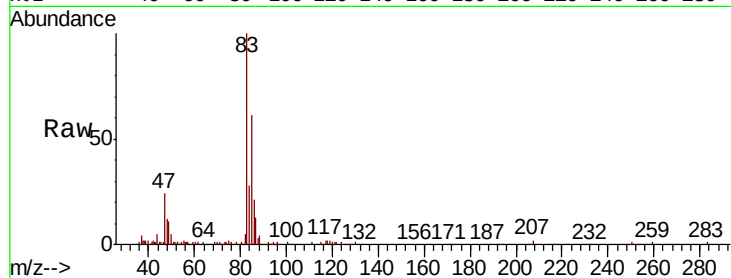




#25
Chloroform
Concen: 1.044 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

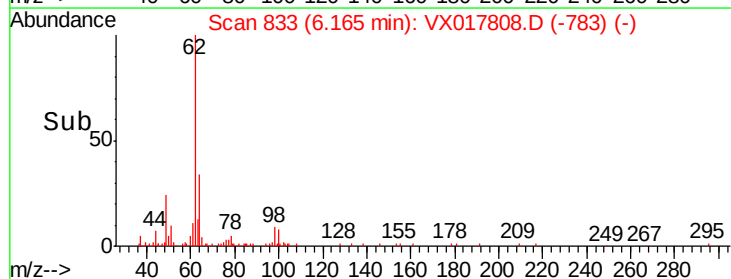
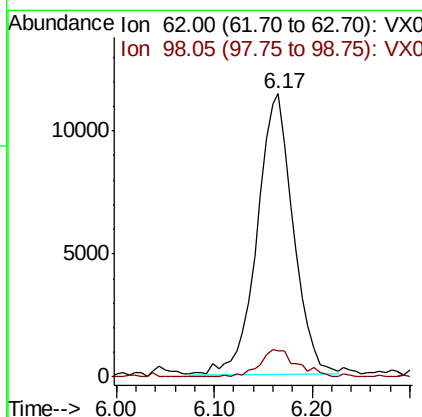
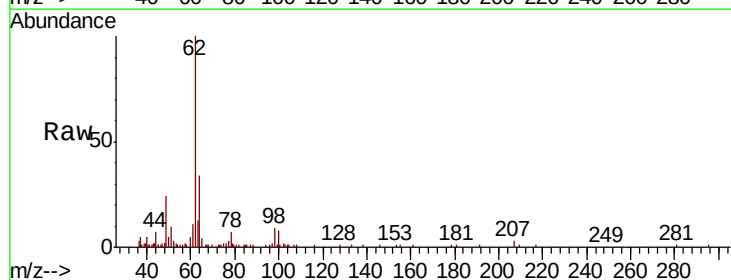
Instrument :
MSVOA_X
ClientSampleId :

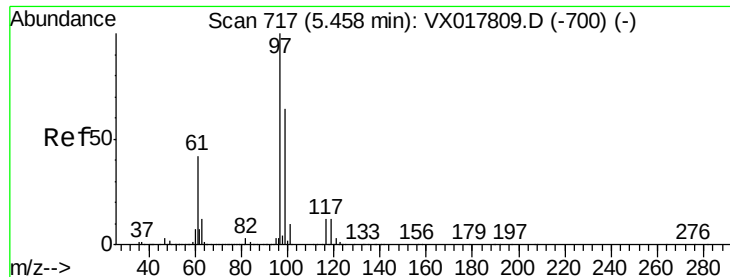
Tot Ion: 83 Resp: 47950
Ion Ratio Lower Upper
83 100
85 61.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 0.994 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion: 62 Resp: 29295
Ion Ratio Lower Upper
62 100
98 9.2 6.7 10.1

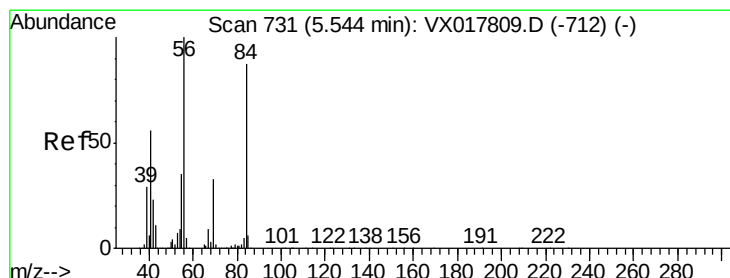
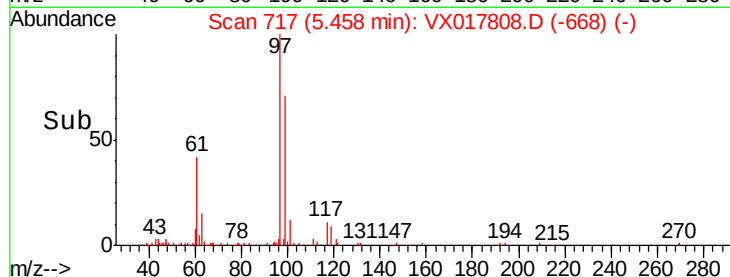
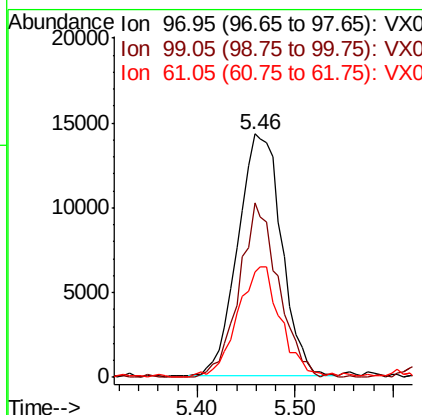
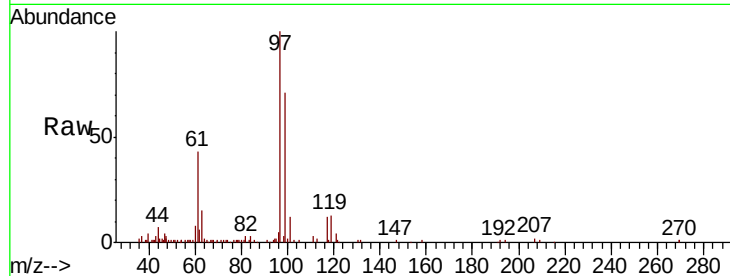




#29
 1,1,1-Trichloroethane
 Concen: 1.035 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

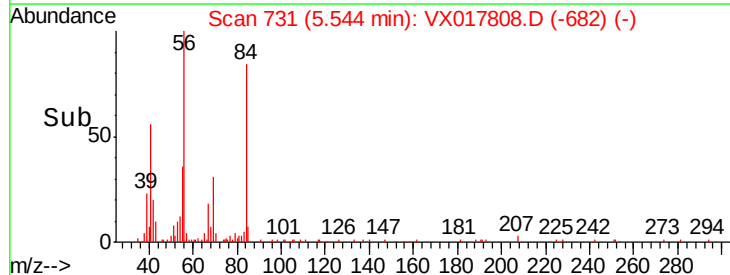
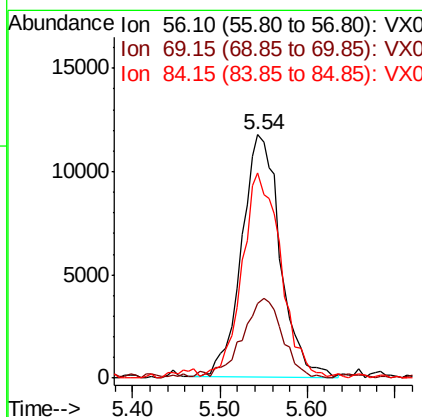
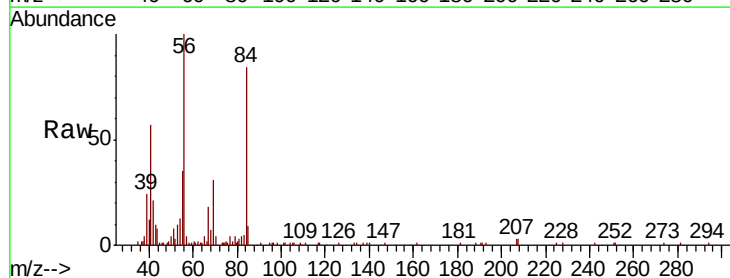
Instrument :
 MSVOA_X
 ClientSampleId :

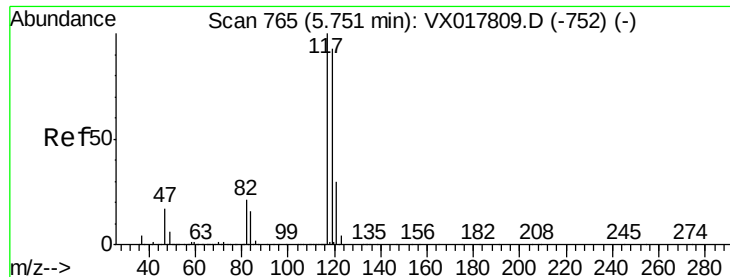
Tot Ion	97	Resp	44594
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	43.9	33.8	50.6



#30
 Cyclohexane
 Concen: 1.032 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion	56	Resp	35974
Ion	Ratio	Lower	Upper
56	100		
69	34.9	25.1	37.7
84	84.3	70.7	106.1



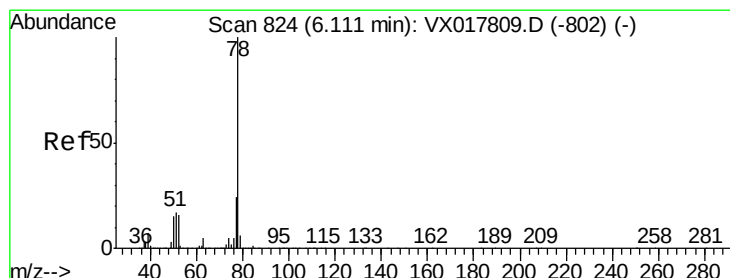
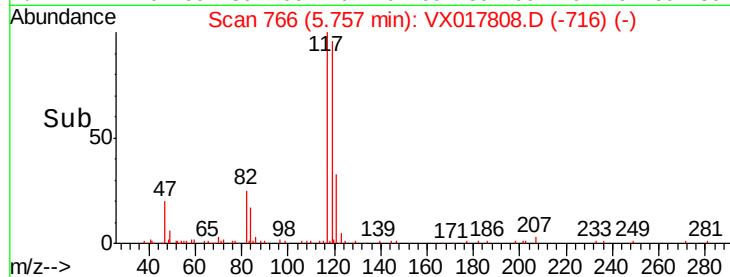
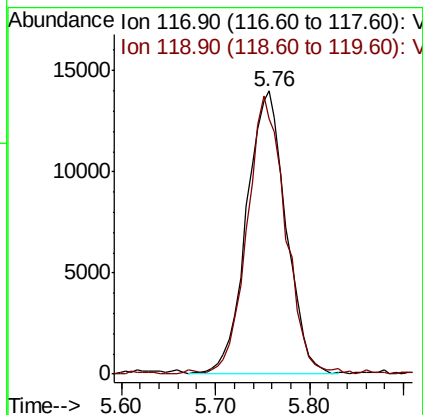
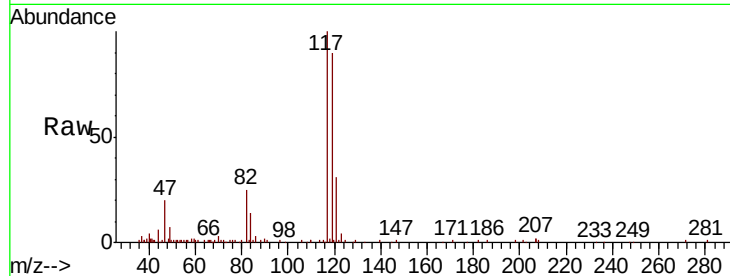


#31

Carbon tetrachloride
Concen: 1.060 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Instrument :
MSVOA_X
ClientSampleId :

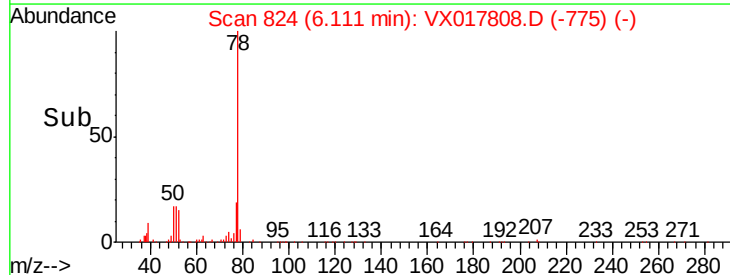
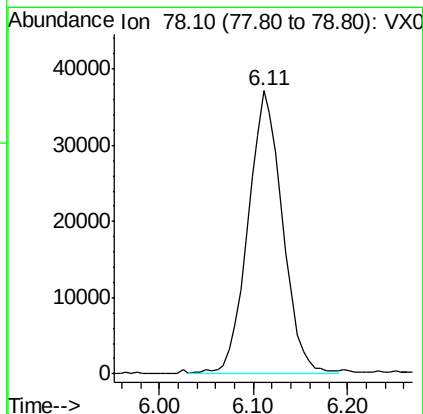
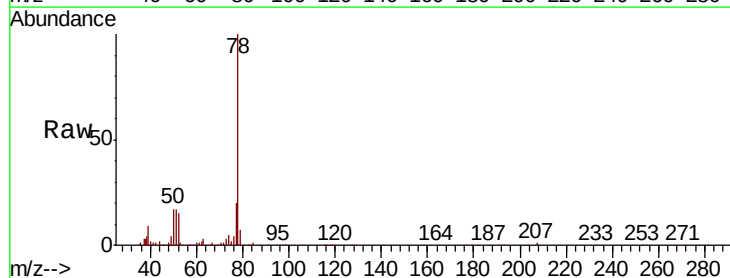
Tot Ion:117 Resp: 41209
Ion Ratio Lower Upper
117 100
119 95.0 77.6 116.4

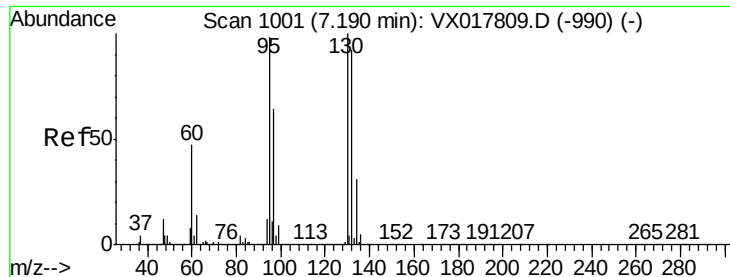


#33

Benzene
Concen: 0.996 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion: 78 Resp: 93632

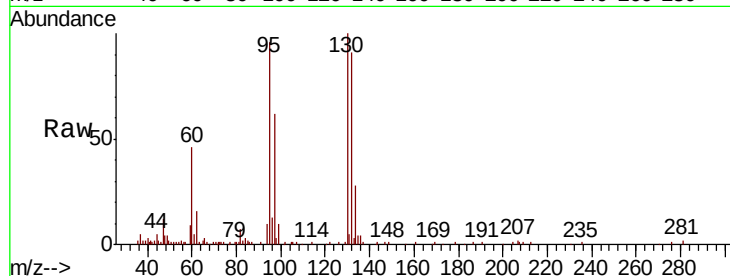




#34
 Trichloroethene
 Concen: 1.110 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.1	85.5
132	94.4	66.0	122.6
130	104.1	71.7	133.1



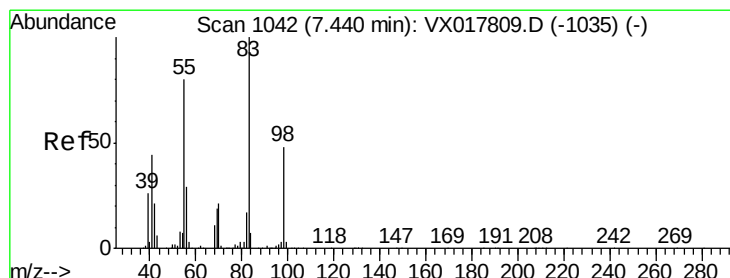
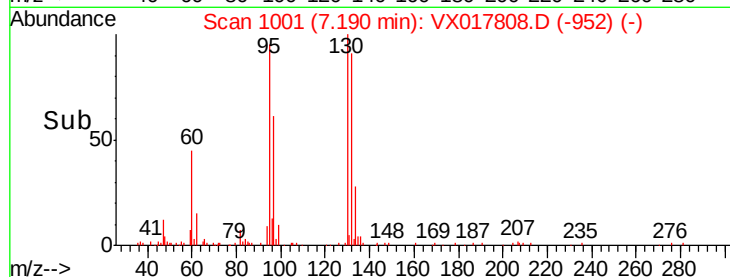
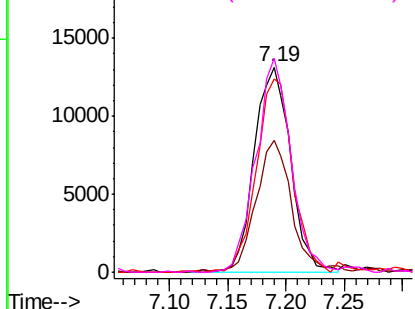
Abundance

Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

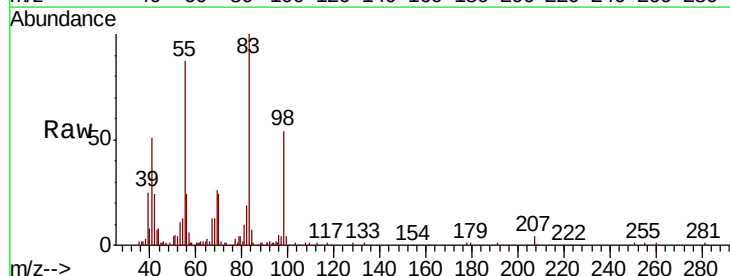
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 0.937 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.4	62.4	93.6
98	53.9	38.0	57.0

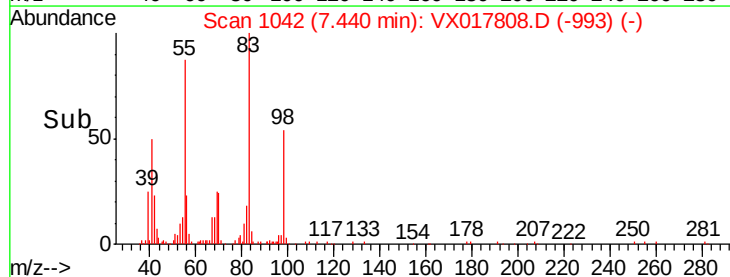
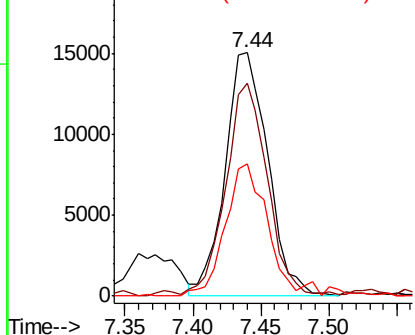


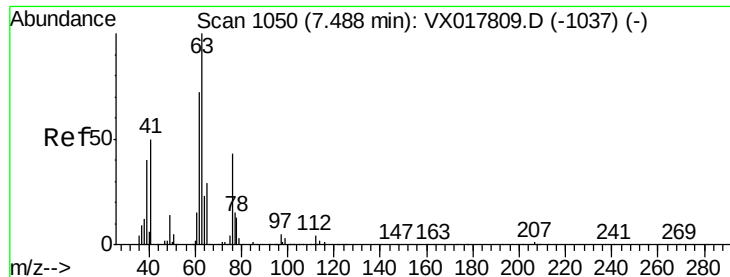
Abundance

Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

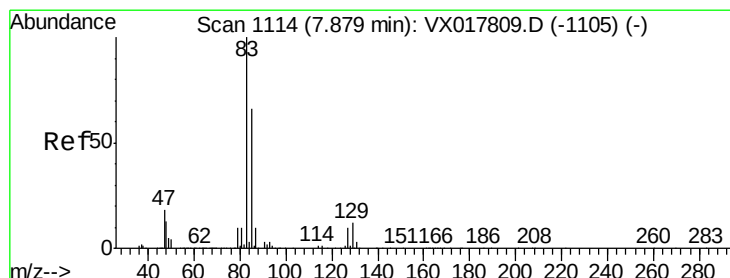
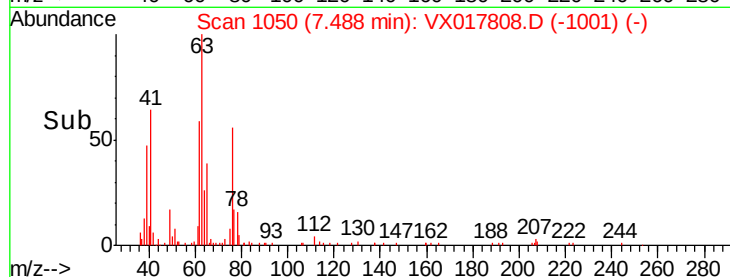
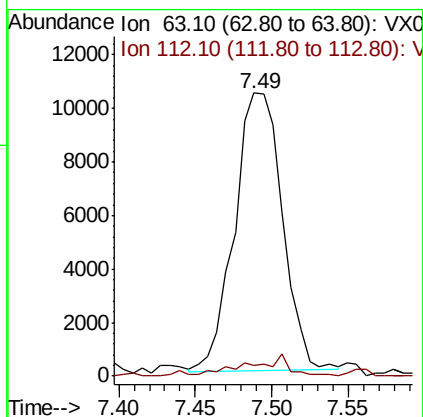
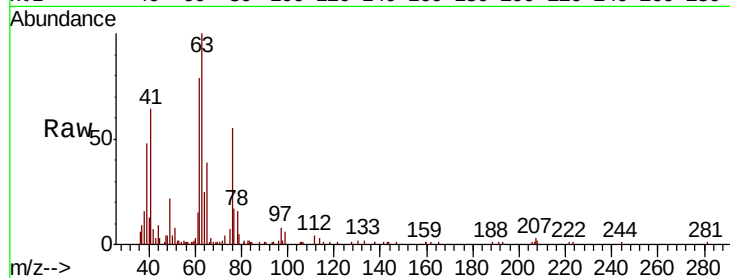




#37
 1,2-Dichloropropane
 Concen: 0.966 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

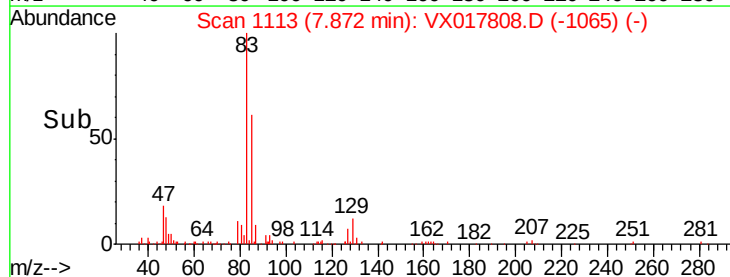
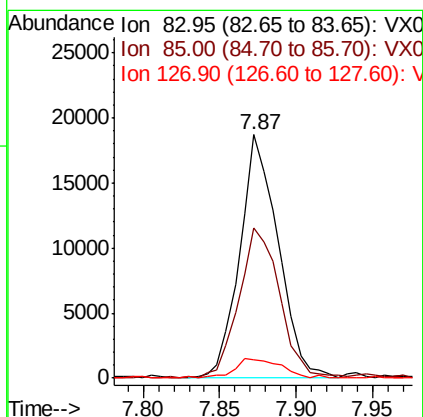
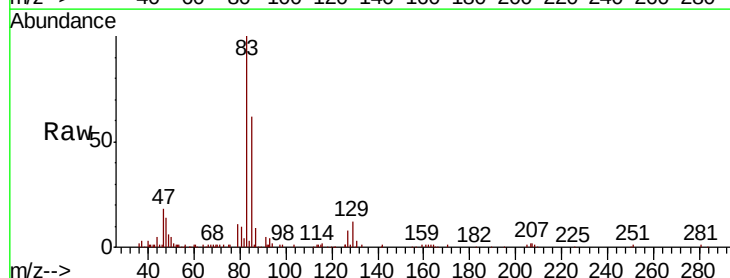
Instrument :
 MSVOA_X
 ClientSampleId :

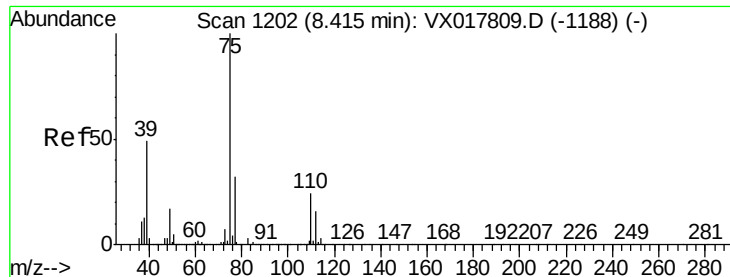
Tot Ion: 63 Resp: 22529
 Ion Ratio Lower Upper
 63 100
 112 6.6 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 1.015 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion: 83 Resp: 32725
 Ion Ratio Lower Upper
 83 100
 85 61.8 45.9 85.3
 127 7.5 7.9 11.9#





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

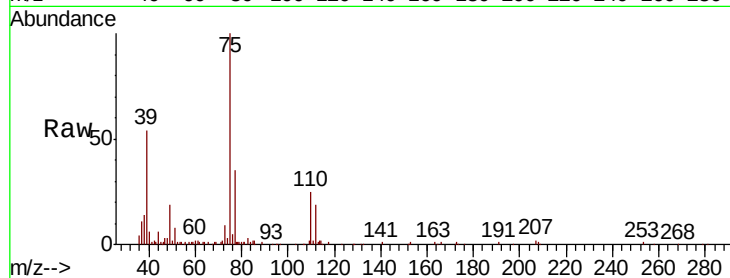
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 35479

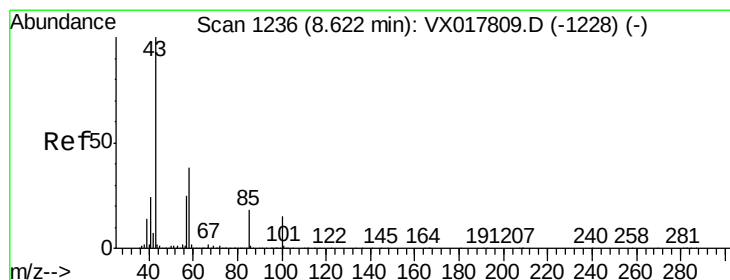
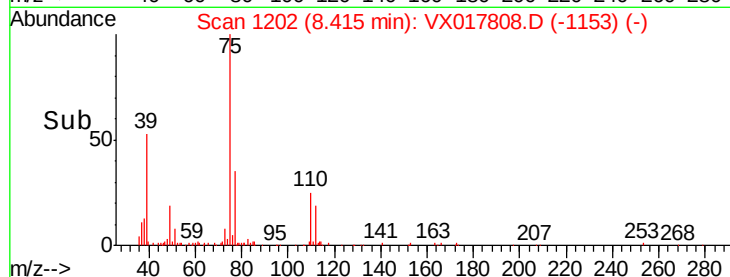
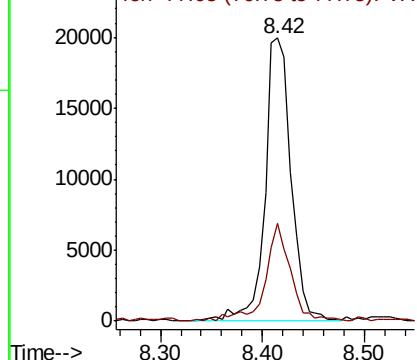
Ion Ratio Lower Upper

75 100

77 34.7 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VX0
Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 9.554 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

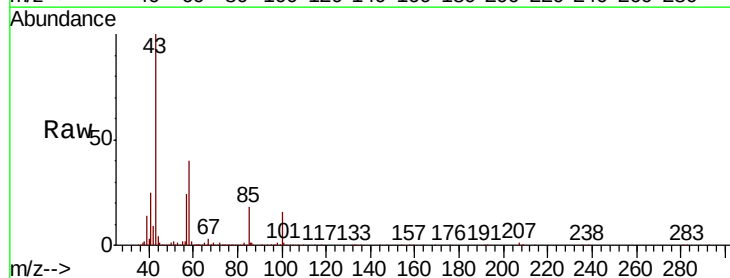
Tgt Ion: 43 Resp: 134684

Ion Ratio Lower Upper

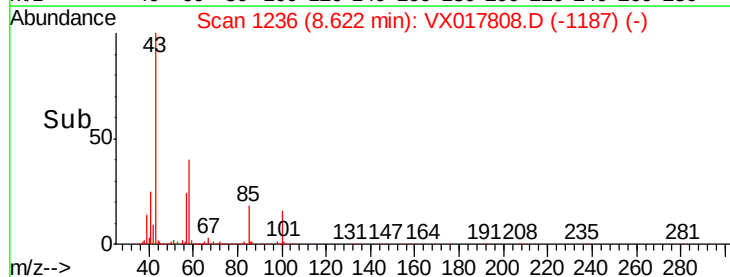
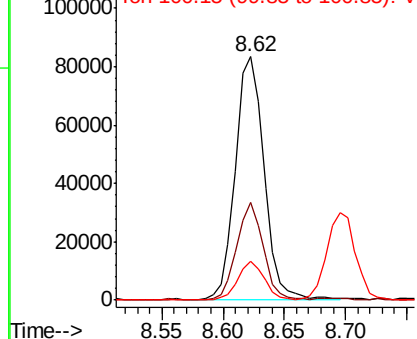
43 100

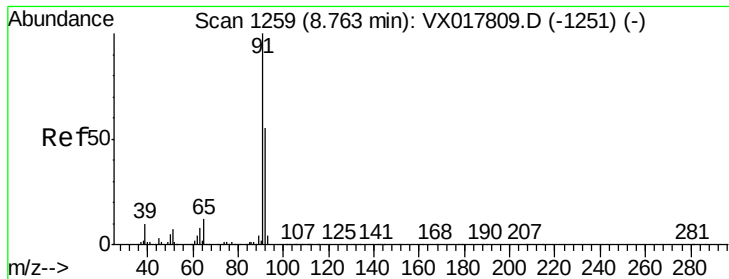
58 37.2 31.1 46.7

100 15.0 12.2 18.4



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





#42

Toluene

Concen: 1.022 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

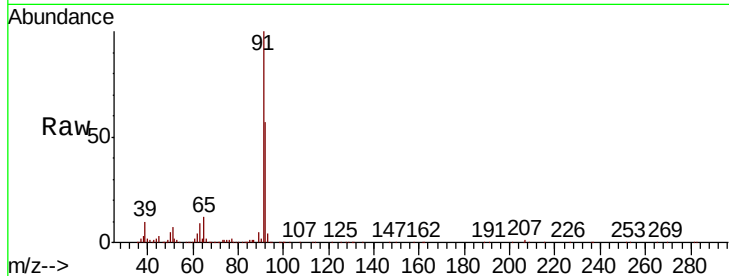
ClientSampleId :

Tot Ion: 91 Resp: 98398

Ion Ratio Lower Upper

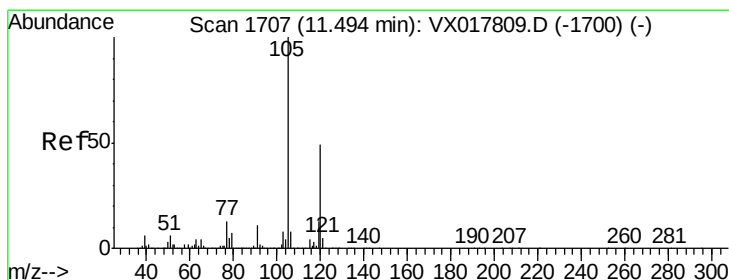
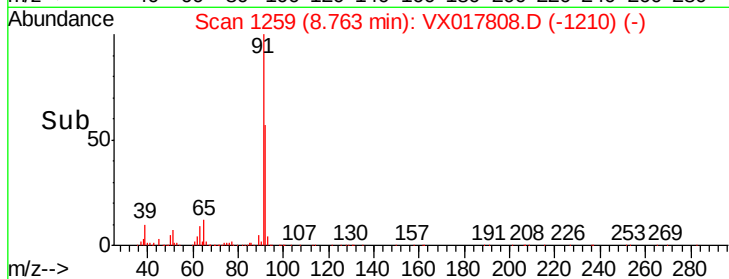
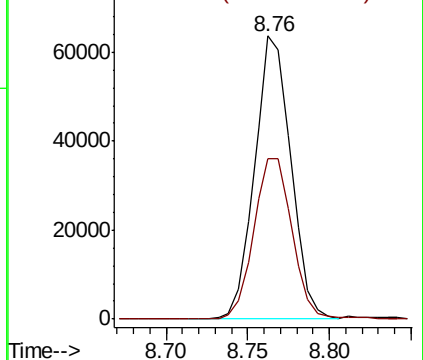
91 100

92 56.8 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 0.890 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017808.D

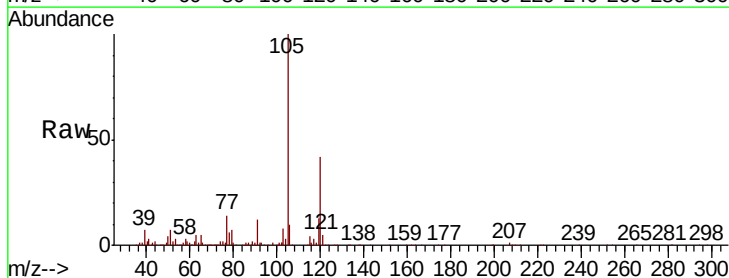
Acq: 06 Aug 2020 16:07

Tgt Ion: 105 Resp: 79922

Ion Ratio Lower Upper

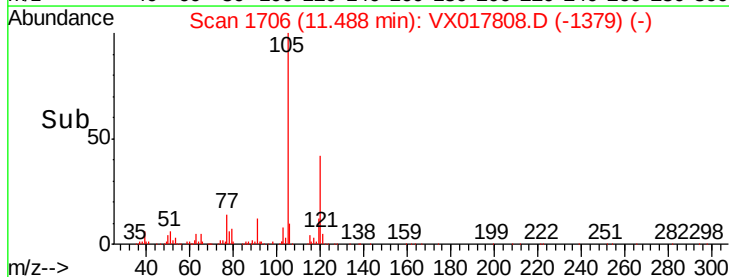
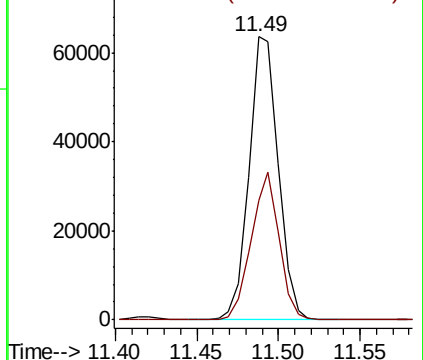
105 100

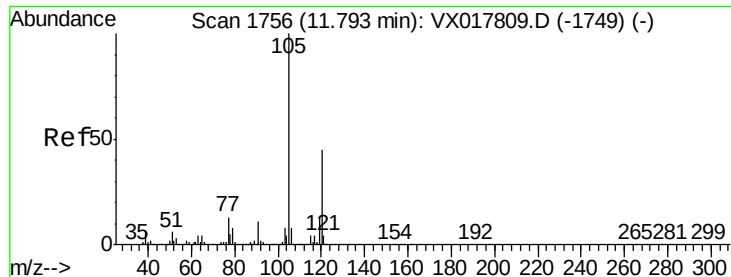
120 49.8 38.1 57.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#44

1,2,4-Trimethylbenzene

Concen: 0.870 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

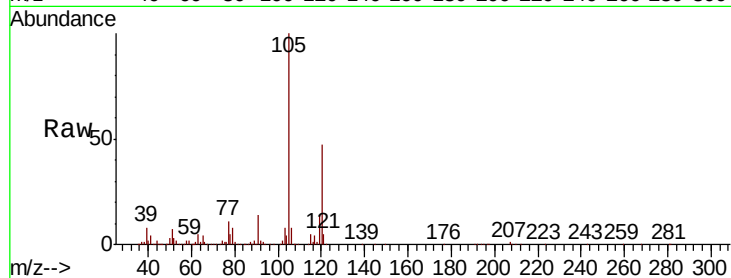
ClientSampleId :

Tot Ion:105 Resp: 78504

Ion Ratio Lower Upper

105 100

120 45.8 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

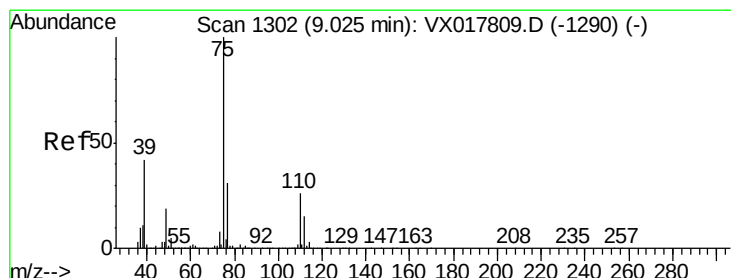
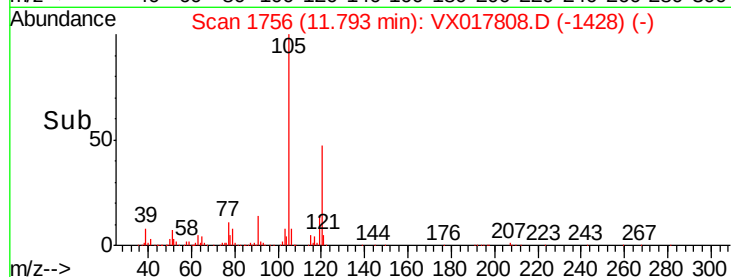
60000

40000

20000

0

Time--> 11.70 11.80



#46

trans-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017808.D

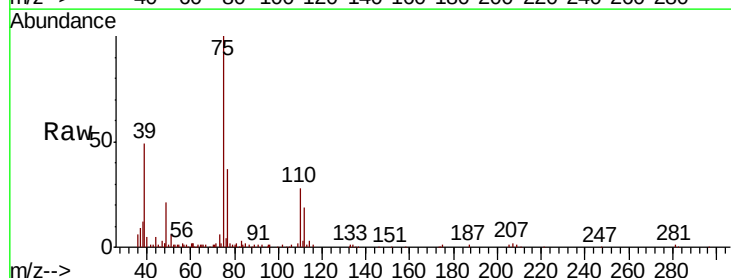
Acq: 06 Aug 2020 16:07

Tgt Ion: 75 Resp: 29235

Ion Ratio Lower Upper

75 100

77 36.9 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

20000

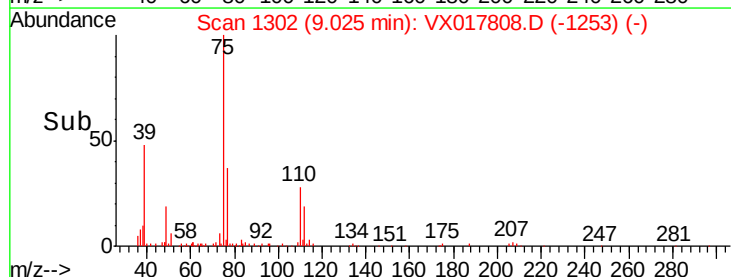
15000

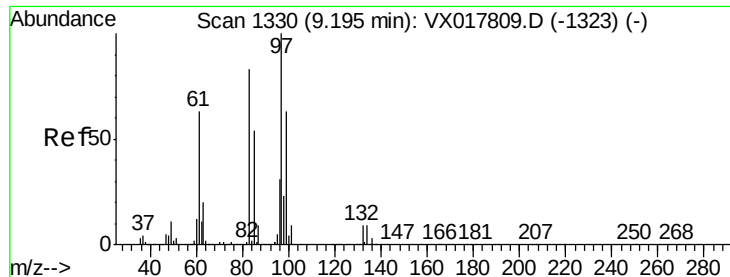
10000

5000

0

Time--> 8.95 9.00 9.05





#47

1,1,2-Trichloroethane

Concen: 1.010 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 16838

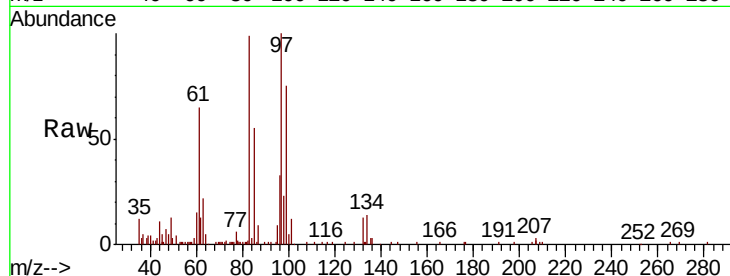
Ion Ratio Lower Upper

97 100

99 74.5 43.9 81.5

83 99.3 58.4 108.6

85 55.3 37.5 69.6

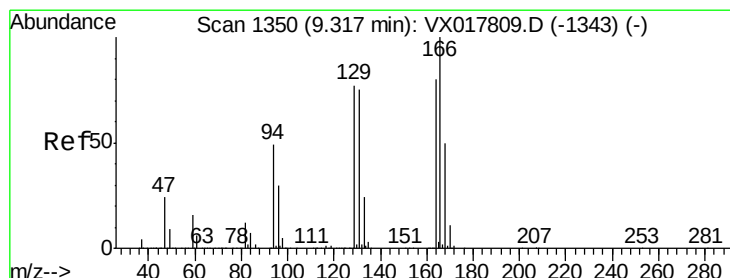
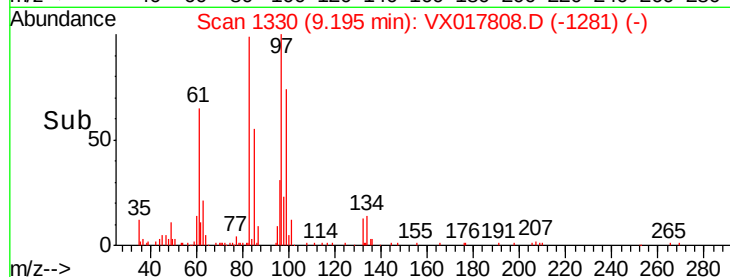
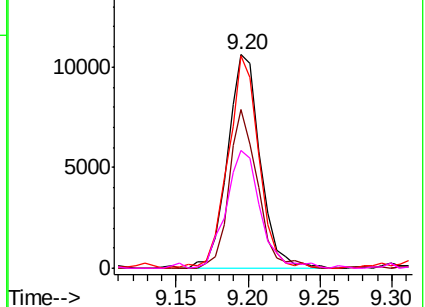


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 1.043 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Tgt Ion: 164 Resp: 21966

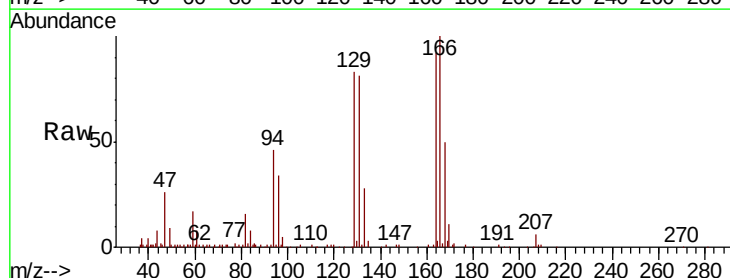
Ion Ratio Lower Upper

164 100

129 90.9 67.4 125.2

131 88.6 65.3 121.3

166 109.2 87.2 161.9

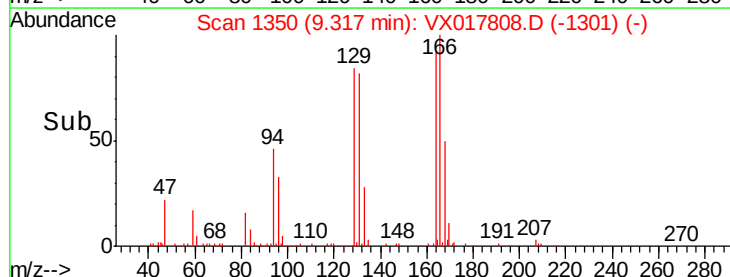
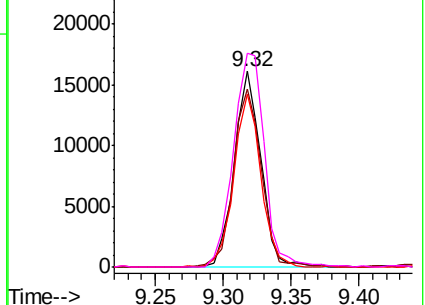


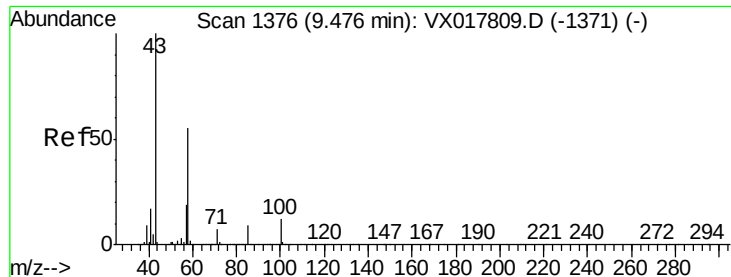
Abundance Ion 163.90 (163.60 to 164.60): V

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

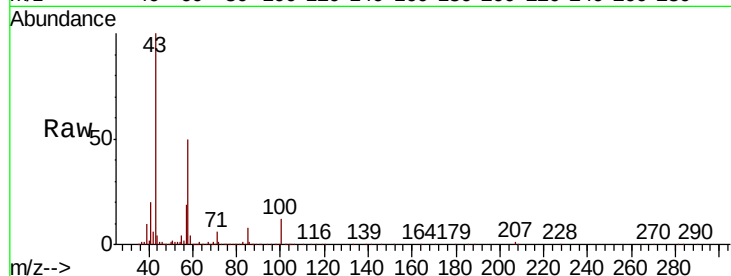




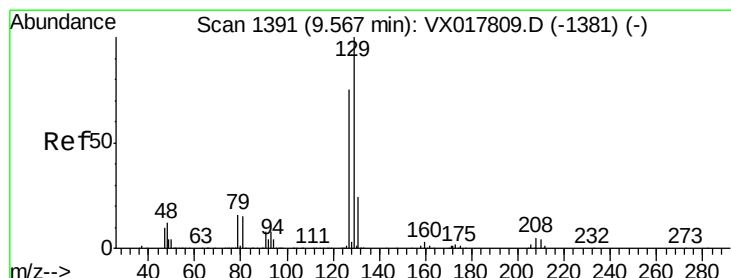
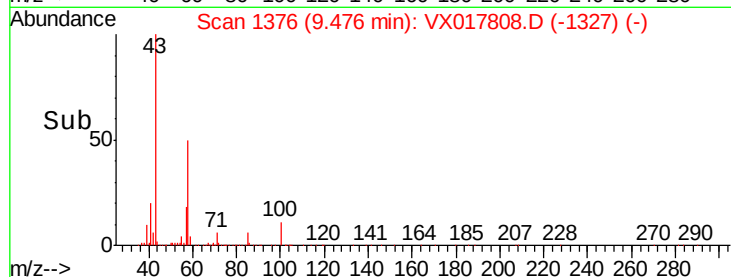
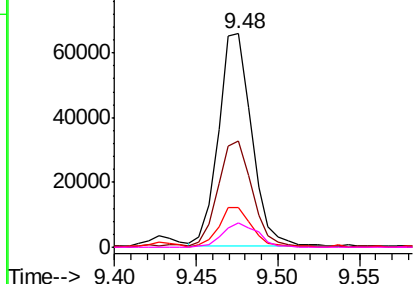
#50
2-Hexanone
Concen: 9.003 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	92909
Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.0	64.6
57	19.0	15.0	22.4
100	12.2	9.2	13.8

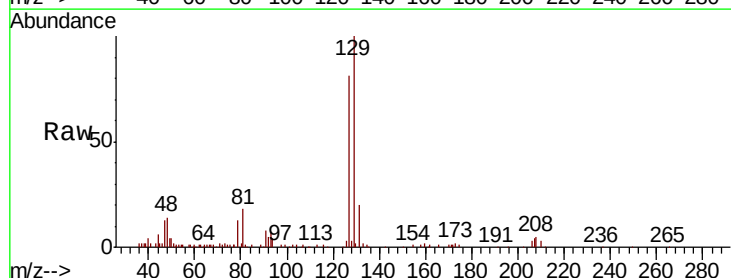


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

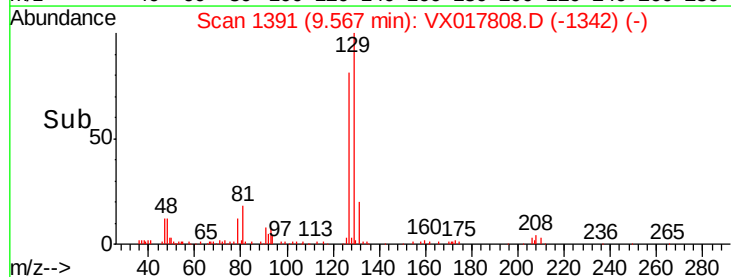
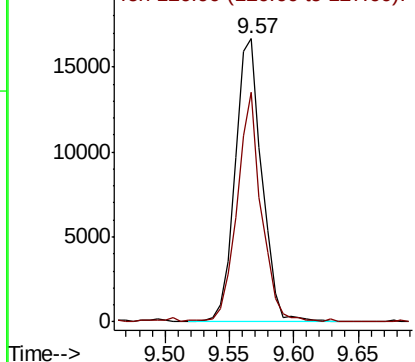


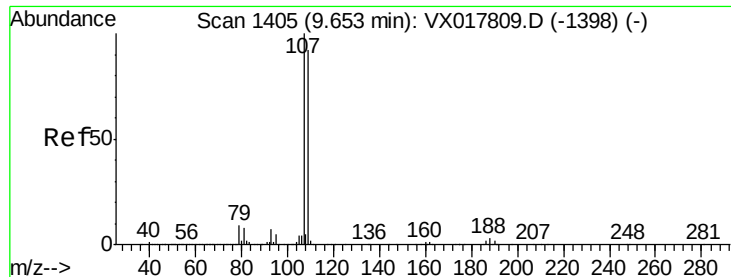
#51
Dibromochloromethane
Concen: 1.045 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion:	129	Resp:	24057
Ion	Ratio	Lower	Upper
129	100		
127	81.0	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: 1.002 ug/L

RT: 9.65 min Scan# 1405

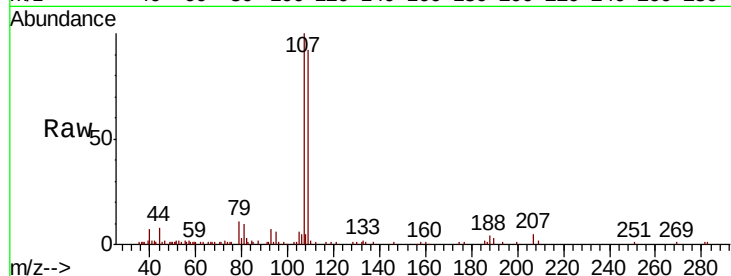
Delta R.T. -0.00 min

Lab File: VX017808.D

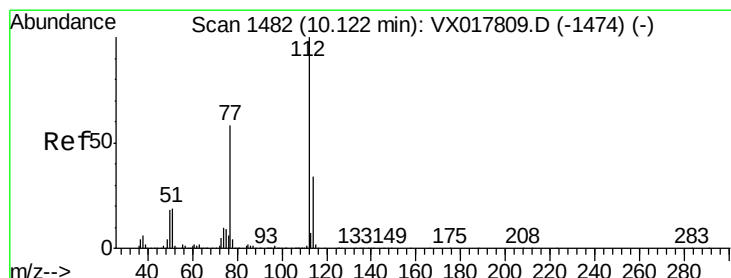
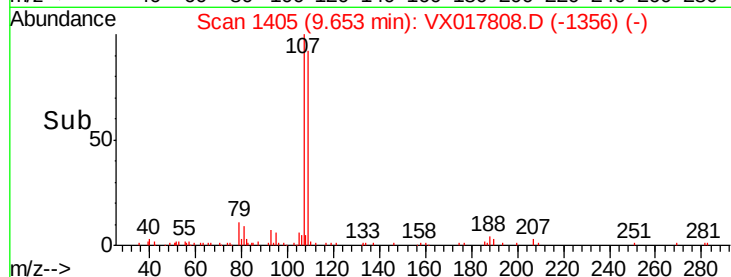
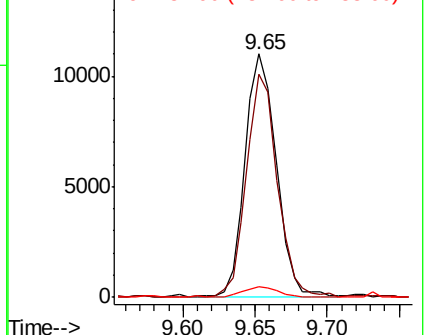
Acq: 06 Aug 2020 16:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	107	Resp:	16601
Ion	Ratio	Lower	Upper
107	100		
109	91.7	64.6	120.0
188	4.3	2.5	3.7#



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 1.017 ug/L

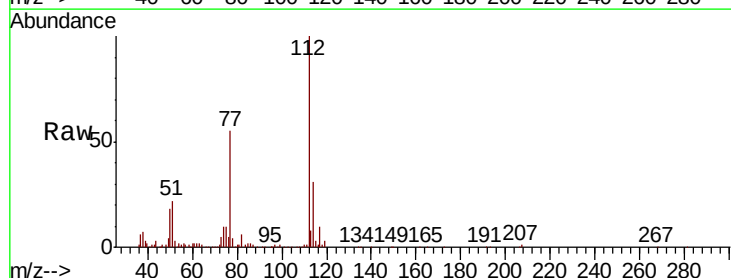
RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

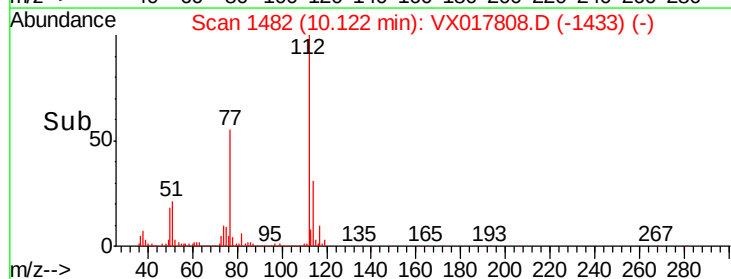
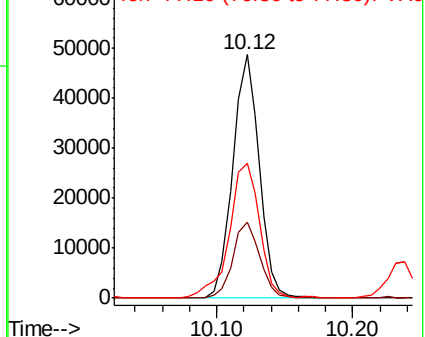
Lab File: VX017808.D

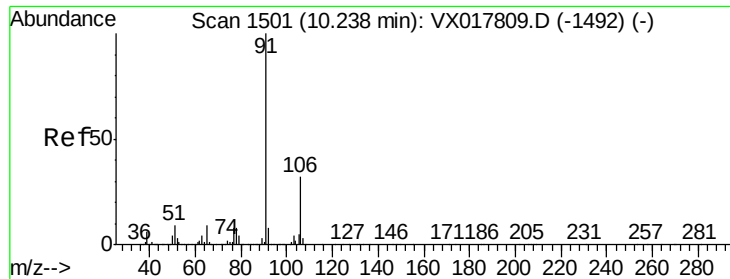
Acq: 06 Aug 2020 16:07

Tgt Ion:	112	Resp:	65807
Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.5	43.7
77	55.2	46.7	70.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 1.036 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

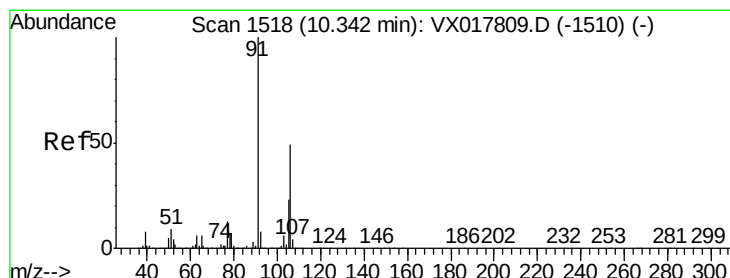
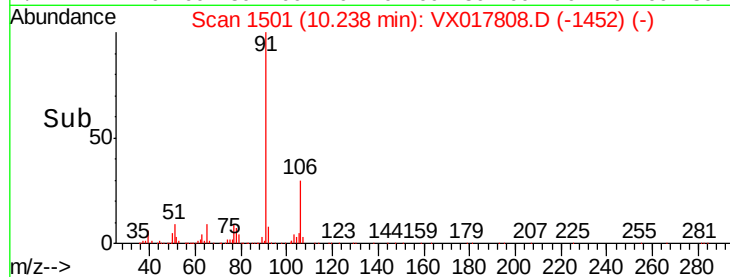
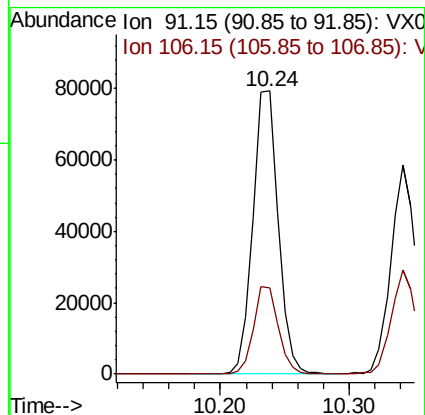
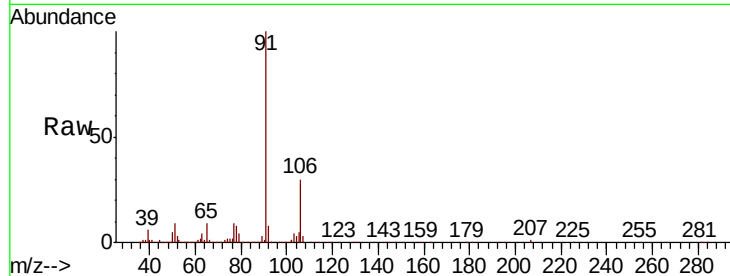
ClientSampleId :

Tot Ion: 91 Resp: 107365

Ion Ratio Lower Upper

91 100

106 30.3 22.5 41.9



#55

m,p-xylene

Concen: 0.950 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017808.D

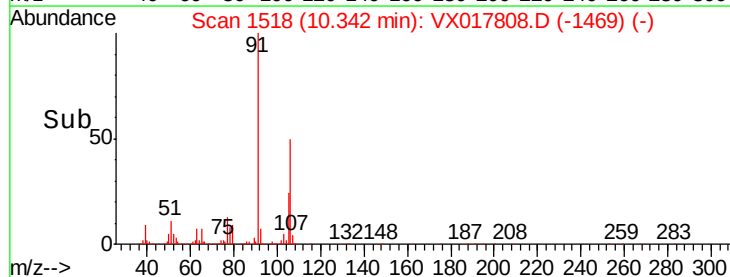
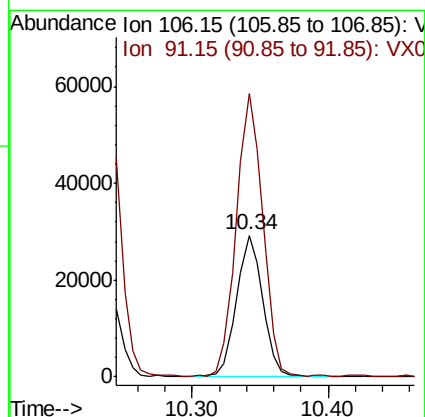
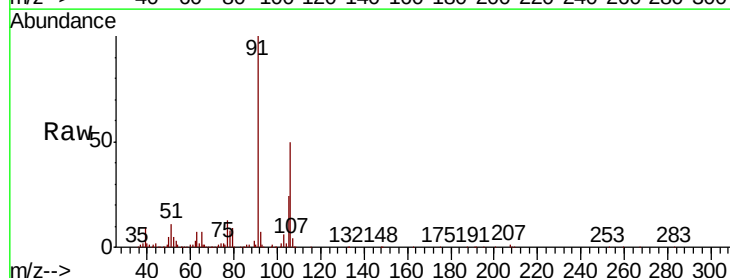
Acq: 06 Aug 2020 16:07

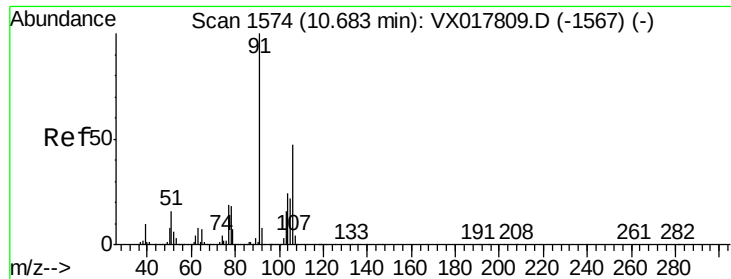
Tgt Ion: 106 Resp: 39231

Ion Ratio Lower Upper

106 100

91 200.2 143.3 266.1

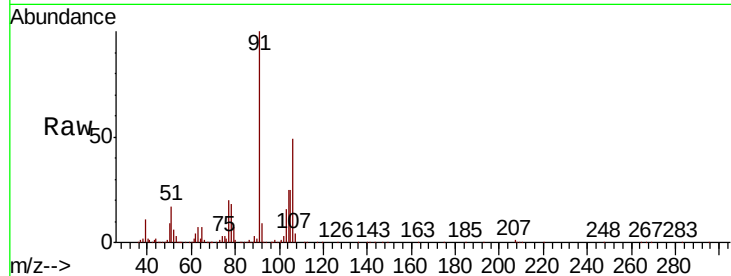




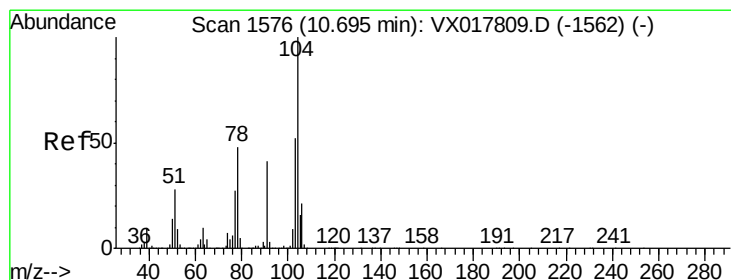
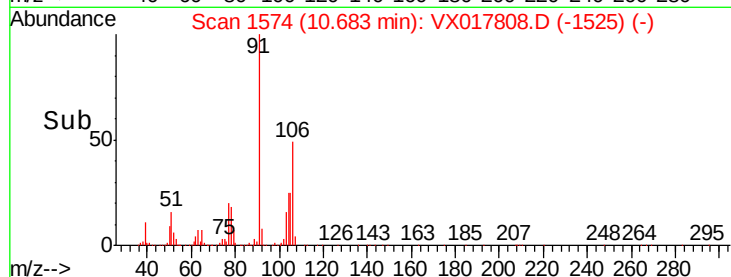
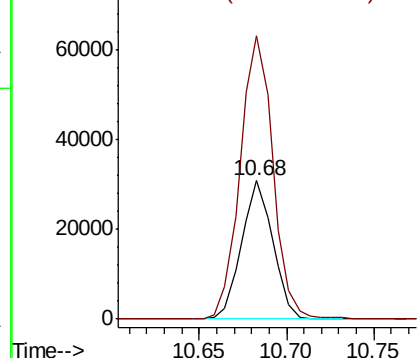
#56
o-xylene
Concen: 0.954 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 38389
Ion Ratio Lower Upper
106 100
91 204.3 149.8 278.2

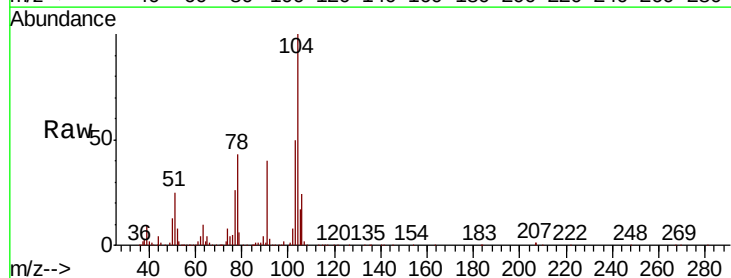


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

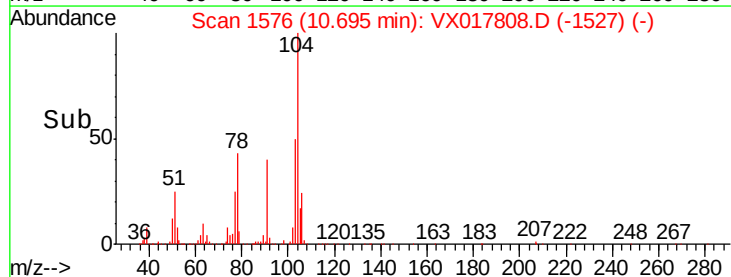
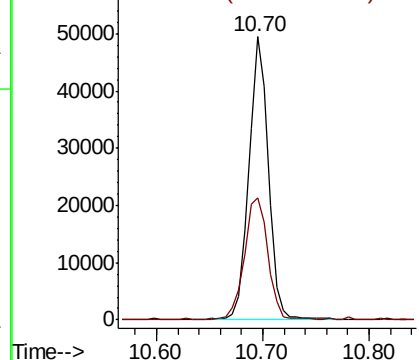


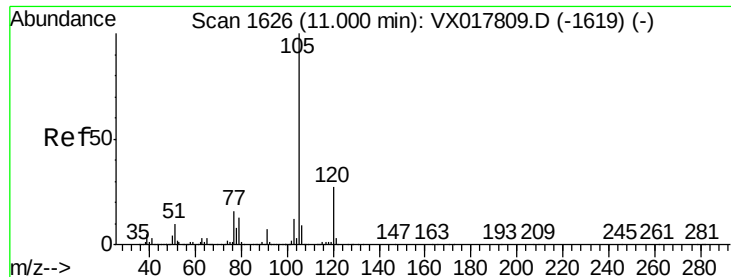
#57
Styrene
Concen: 0.956 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017808.D
Acq: 06 Aug 2020 16:07

Tgt Ion:104 Resp: 63976
Ion Ratio Lower Upper
104 100
78 43.2 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: 0.968 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

ClientSampled :

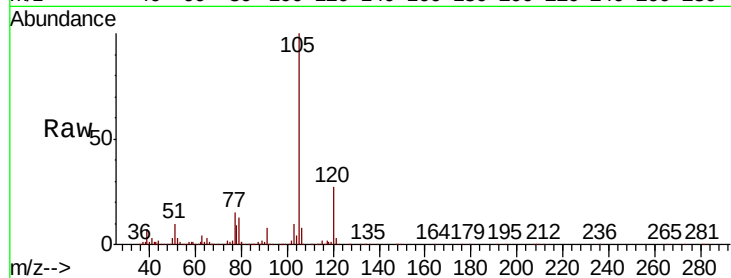
Tot Ion: 105 Resp: 100794

Ion Ratio Lower Upper

105 100

120 27.7 21.8 32.6

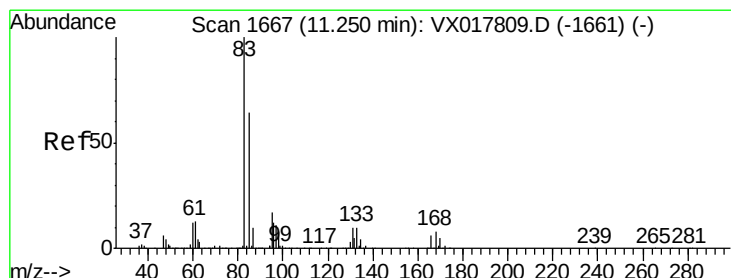
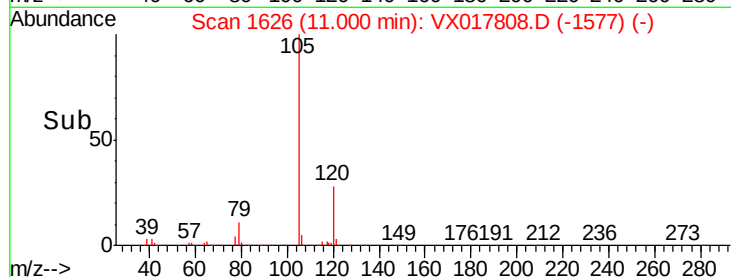
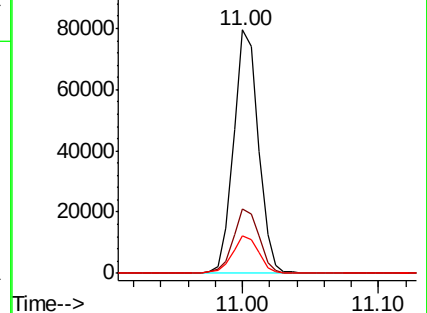
77 16.4 12.8 19.2



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: 0.929 ug/L

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

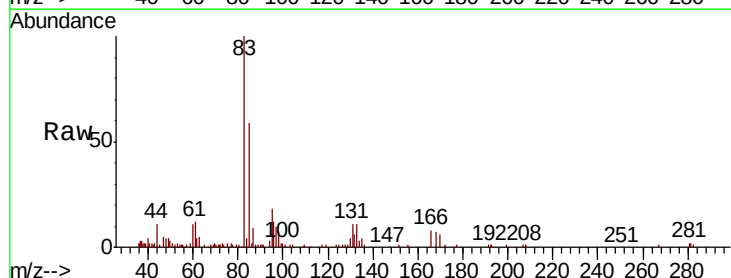
Tgt Ion: 83 Resp: 17774

Ion Ratio Lower Upper

83 100

85 59.3 44.6 82.8

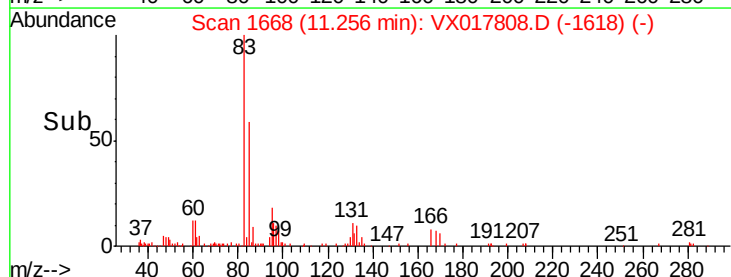
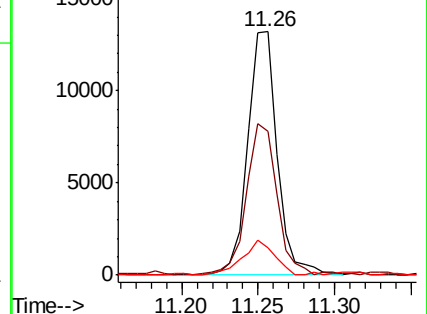
131 11.3 8.2 12.2

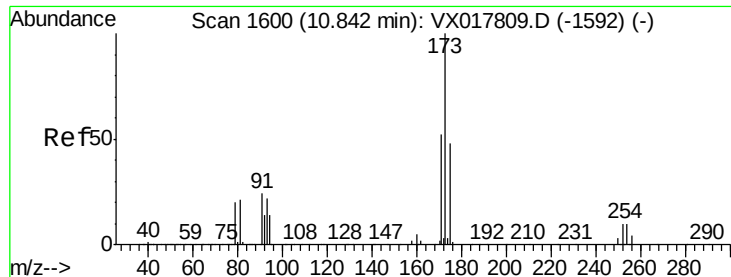


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 1.046 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

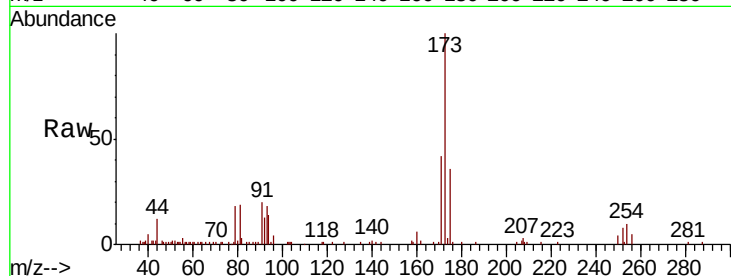
Tot Ion:173 Resp: 13002

Ion Ratio Lower Upper

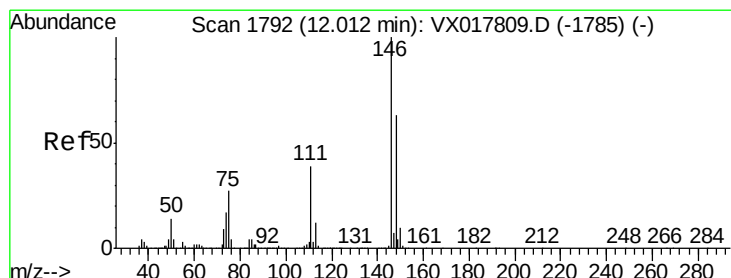
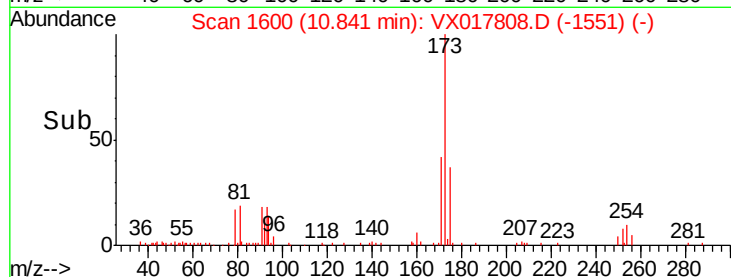
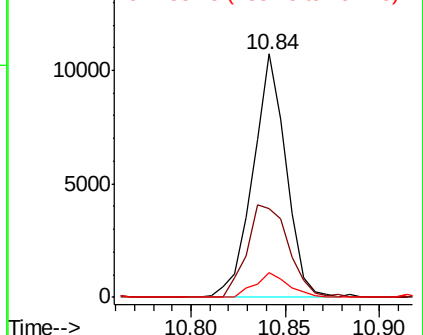
173 100

175 47.9 40.0 60.0

254 10.3 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: 1.027 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

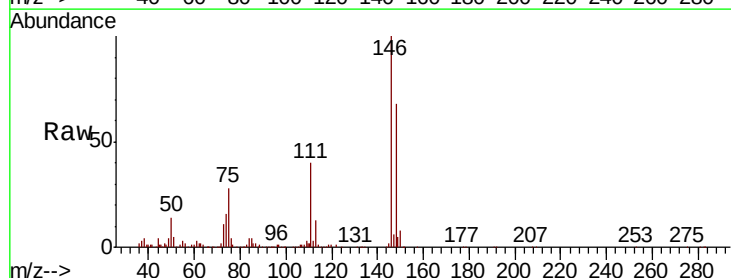
Tgt Ion:146 Resp: 51836

Ion Ratio Lower Upper

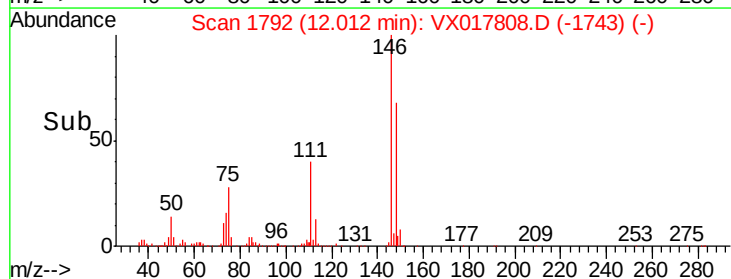
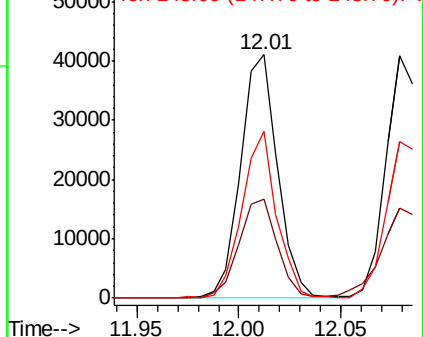
146 100

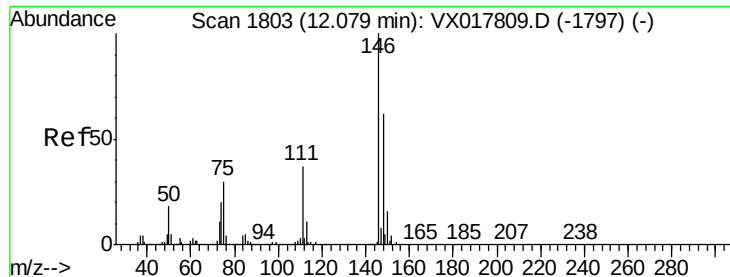
111 40.5 27.6 51.4

148 68.4 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

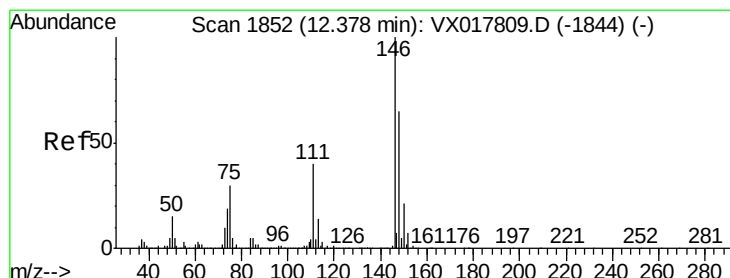
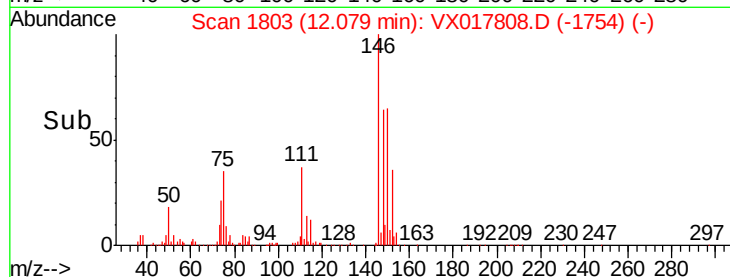
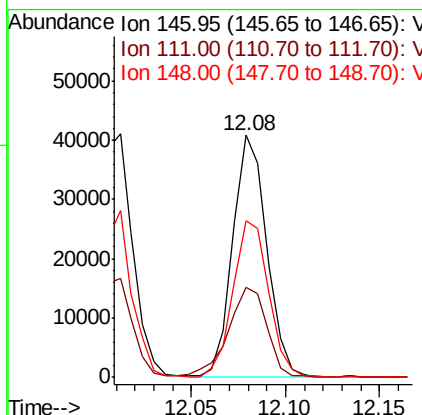
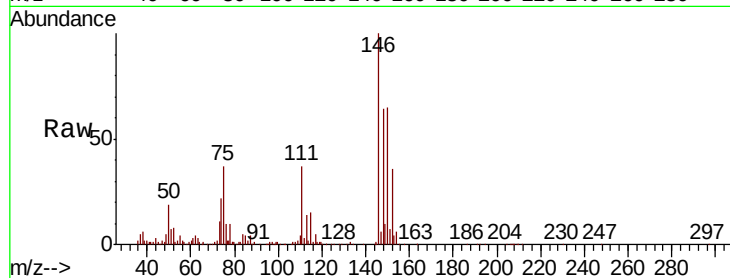




#64
 1,4-Dichlorobenzene
 Concen: 1.025 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

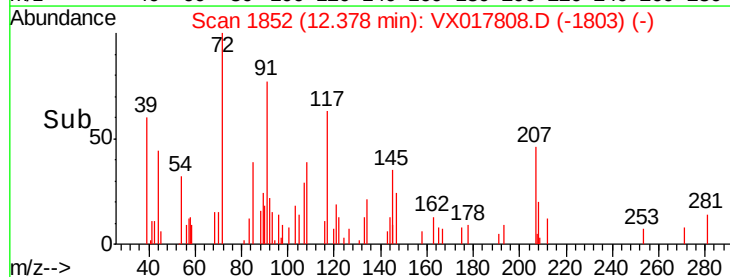
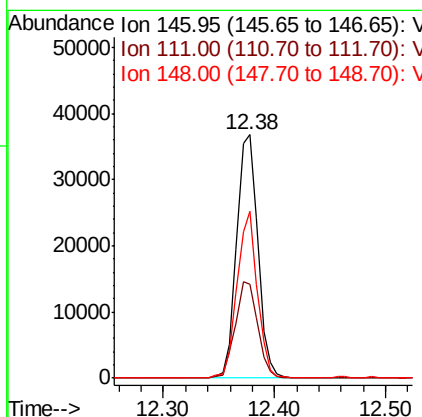
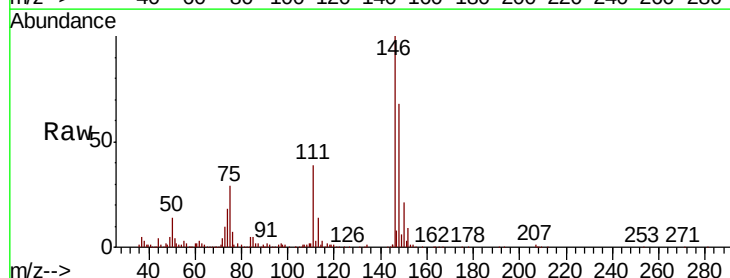
Instrument :
 MSVOA_X
 ClientSampled :

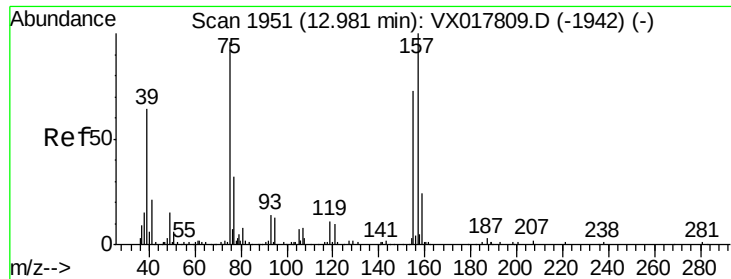
Tot Ion:146 Resp: 51084
 Ion Ratio Lower Upper
 146 100
 111 37.0 26.0 48.2
 148 64.5 43.2 80.2



#66
 1,2-Dichlorobenzene
 Concen: 1.042 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion:146 Resp: 48602
 Ion Ratio Lower Upper
 146 100
 111 38.8 32.2 48.4
 148 68.4 52.3 78.5





#67

1,2-Dibromo-3-chloropropane

Concen: 0.982 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

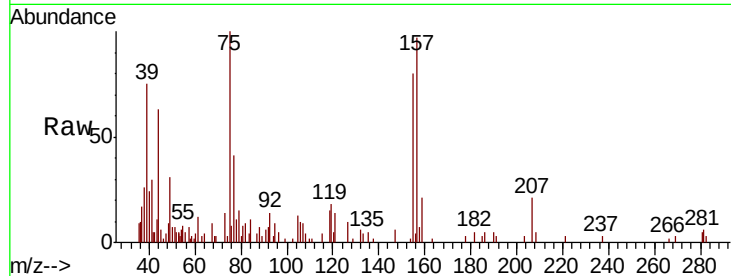
Tot Ion: 75 Resp: 4000

Ion Ratio Lower Upper

75 100

155 79.8 60.9 91.3

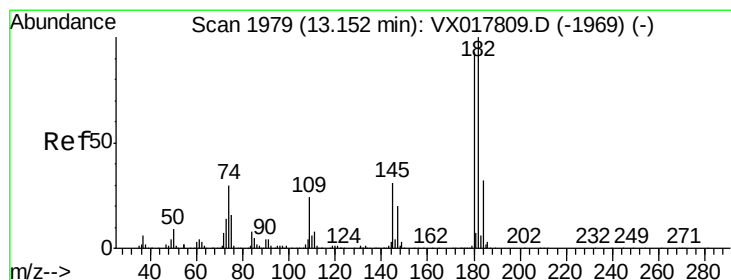
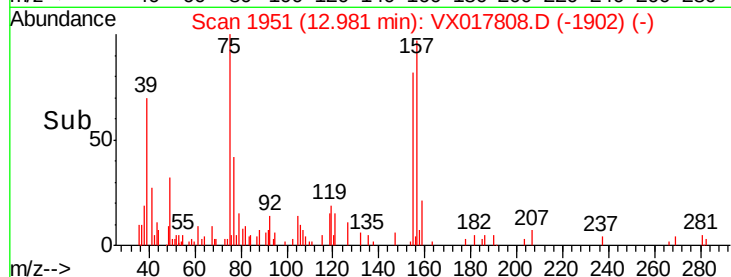
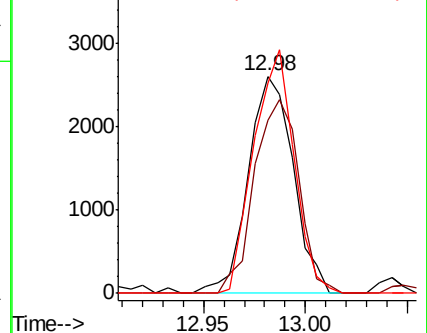
157 96.9 83.3 124.9



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V



#68

1,3,5-Trichlorobenzene

Concen: 0.875 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017808.D

Acq: 06 Aug 2020 16:07

Tgt Ion: 180 Resp: 35787

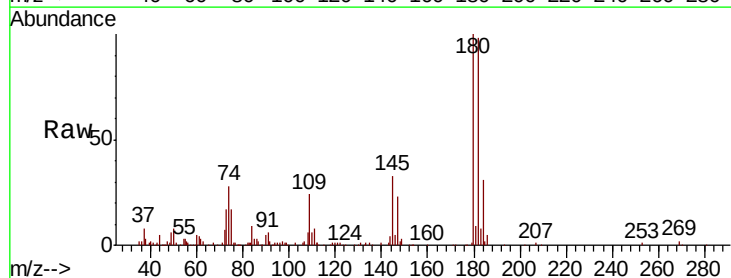
Ion Ratio Lower Upper

180 100

182 99.0 80.2 120.4

184 32.3 24.9 37.3

145 32.8 25.1 37.7

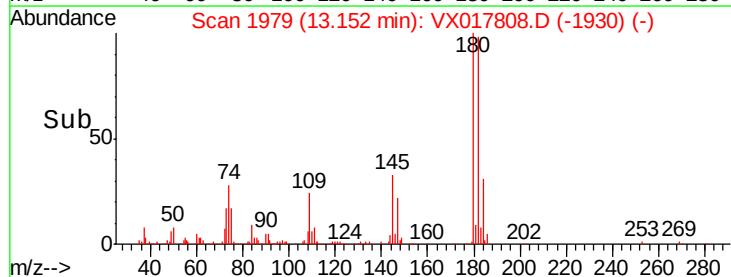
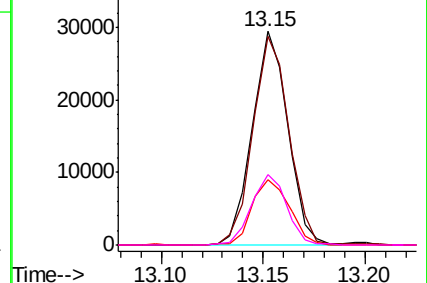


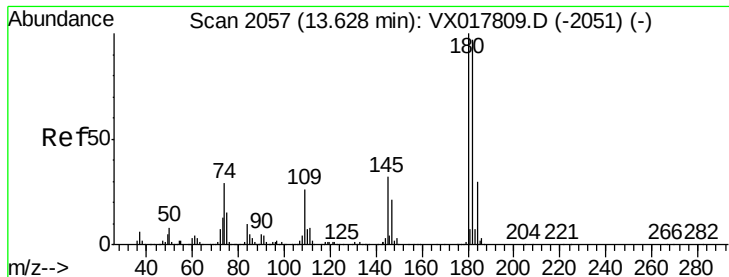
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

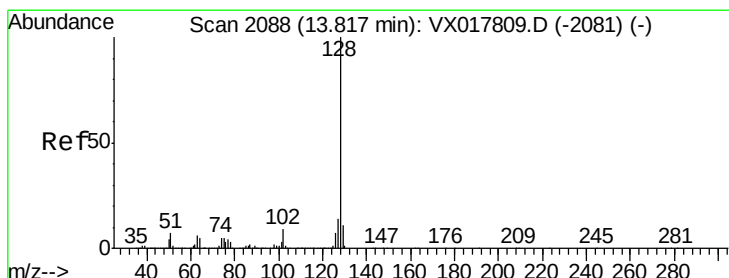
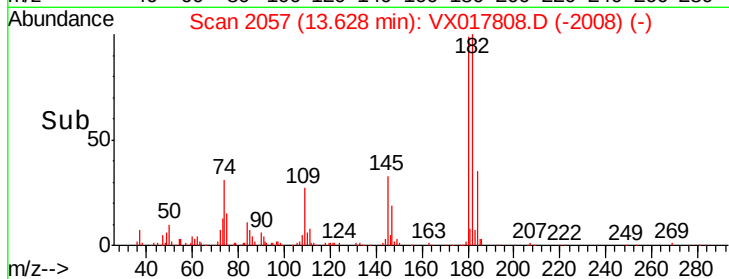
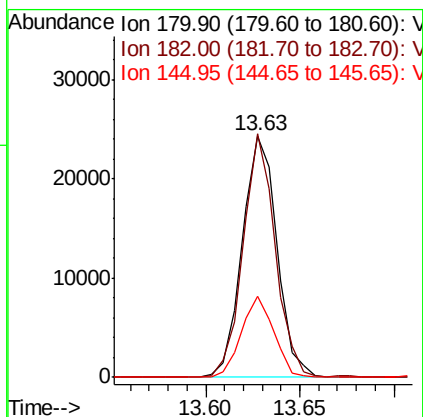
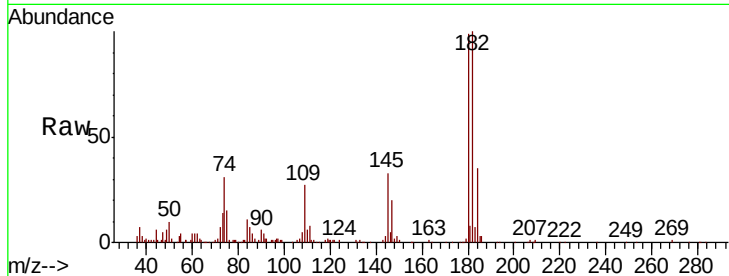




#69
 1,2,4-trichlorobenzene
 Concen: 0.994 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

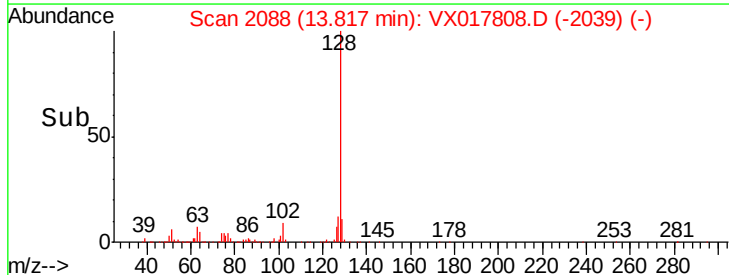
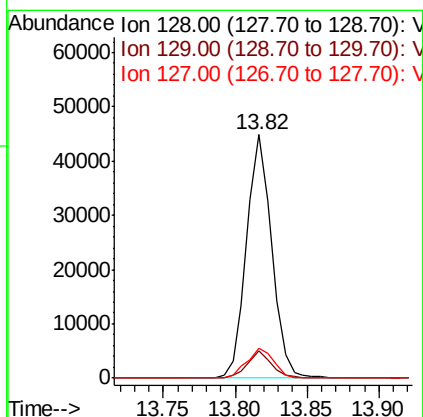
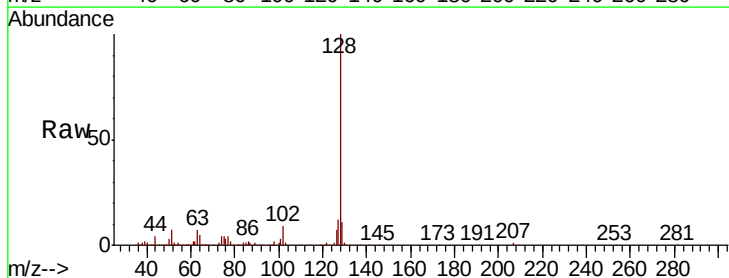
Instrument :
 MSVOA_X
 ClientSampleId :

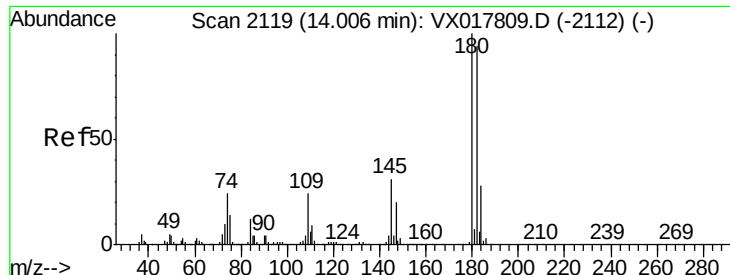
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.5	114.7
145	31.4	25.4	38.0



#70
 Naphthalene
 Concen: 0.992 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.2	11.0	16.4

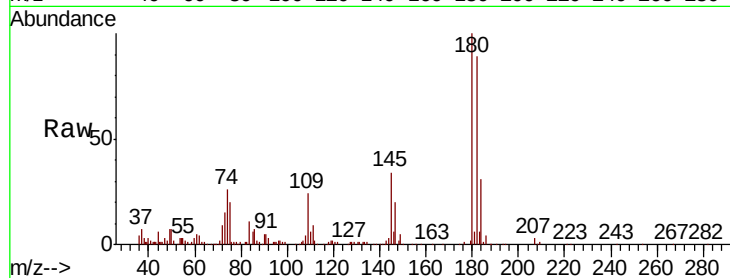




#71
 1,2,3-Trichlorobenzene
 Concen: 1.051 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017808.D
 Acq: 06 Aug 2020 16:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.0	75.4	113.0
145	34.3	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

