

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO080720\
 Data File : VX017809.D
 Acq On : 06 Aug 2020 16:32
 Operator : JC/SP
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:01:58 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	324348	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	310393	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117636	4.75	ug/L	0.00
7) Chloroethane-d5	1.68	69	92288	5.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	248045	5.18	ug/L	0.00
20) 2-Butanone-d5	4.53	46	327649	66.92	ug/L	0.00
24) Chloroform-d	5.14	84	240748	5.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	132930	5.43	ug/L	0.00
32) Benzene-d6	6.05	84	459805	5.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	138426	5.87	ug/L	0.00
41) Toluene-d8	8.70	98	440729	5.81	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	61104	5.99	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	266273	69.99	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	107088	5.91	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	168909	5.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	196049	5.457 ug/L	100
3) Chloromethane	1.31	50	158195	4.818 ug/L	100
5) Vinyl chloride	1.39	62	158601	5.070 ug/L	100
6) Bromomethane	1.62	94	91350	5.213 ug/L	100
8) Chloroethane	1.71	64	87756	5.071 ug/L	100
9) Trichlorofluoromethane	1.92	101	258623	5.637 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	149505	5.932 ug/L	100
12) 1,1-Dichloroethene	2.36	96	133661	5.709 ug/L	100
13) Acetone	2.42	43	225777	58.567 ug/L	100
14) Carbon disulfide	2.55	76	456180	5.738 ug/L	100
15) Methyl Acetate	2.75	43	61442	5.439 ug/L	100
16) Methylene chloride	2.83	84	149503	4.660 ug/L	100
17) Methyl tert-butyl Ether	3.17	73	348381	6.151 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	142655	5.702 ug/L	100
19) 1,1-Dichloroethane	3.67	63	262880	5.917 ug/L	100
21) 2-Butanone	4.64	43	397506	63.831 ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	153387	6.186 ug/L	100
23) Bromochloromethane	4.98	128	72734	6.041 ug/L	100
25) Chloroform	5.18	83	281610	6.014 ug/L	100
27) 1,2-Dichloroethane	6.16	62	183610	6.110 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	267198	6.114 ug/L	100
30) Cyclohexane	5.54	56	233597	6.605 ug/L	100
31) Carbon tetrachloride	5.75	117	242542	6.149 ug/L	100
33) Benzene	6.11	78	582274	6.106 ug/L	100
34) Trichloroethene	7.19	95	163017	6.216 ug/L	100
35) Methylcyclohexane	7.44	83	240428	6.739 ug/L	100
37) 1,2-Dichloropropane	7.49	63	143114	6.049 ug/L	100
38) Bromodichloromethane	7.88	83	201706	6.164 ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	220746	6.289 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	975118	68.177 ug/L	100

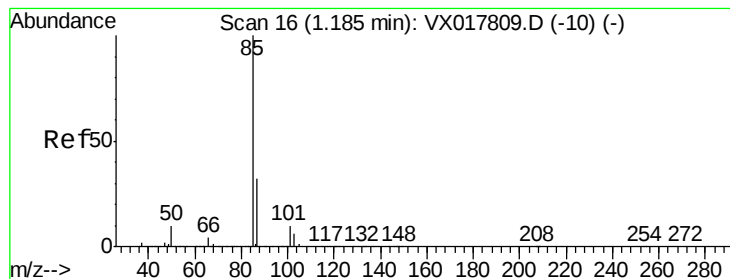
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017809.D
 Acq On : 06 Aug 2020 16:32
 Operator : JC/SP
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:01:58 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	8.76	91	637946	6.533	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	594806	6.528	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	607936	6.643	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	201330	6.560	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	109417	6.470	ug/L	100
49) Tetrachloroethene	9.32	164	133405	6.242	ug/L	100
50) 2-Hexanone	9.48	43	712670	68.061	ug/L	100
51) Dibromochloromethane	9.57	129	149630	6.408	ug/L	100
52) 1,2-Dibromoethane	9.65	107	107734	6.406	ug/L	100
53) Chlorobenzene	10.12	112	404820	6.168	ug/L	100
54) Ethylbenzene	10.24	91	688191	6.547	ug/L	100
55) m,p-xylene	10.34	106	271979	6.494	ug/L	100
56) o-xylene	10.68	106	259194	6.350	ug/L	100
57) Styrene	10.70	104	446617	6.578	ug/L	100
58) Isopropylbenzene	11.00	105	693613	6.564	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	121703	6.268	ug/L	100
62) Bromoform	10.84	173	85716	6.263	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	346884	6.241	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	343496	6.261	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	312122	6.077	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	25484	5.682	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	250855	5.574	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	219236	6.396	ug/L	100
70) Naphthalene	13.82	128	400733	6.667	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	211866	6.657	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 5.457 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

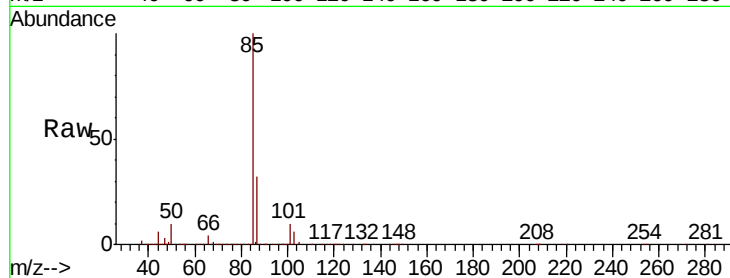
ClientSampleId :

Tot Ion: 85 Resp: 196049

Ion Ratio Lower Upper

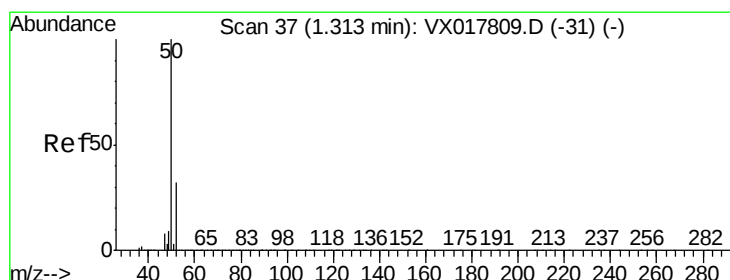
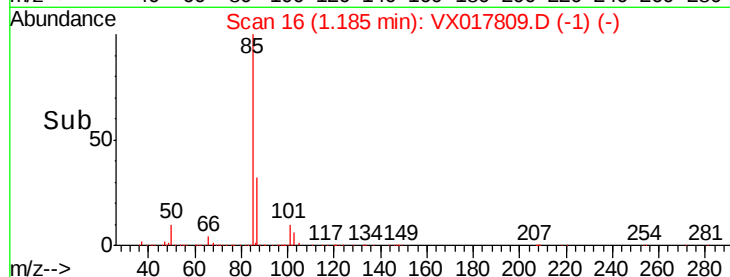
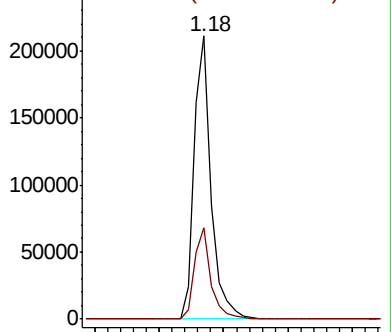
85 100

87 31.5 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 4.818 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017809.D

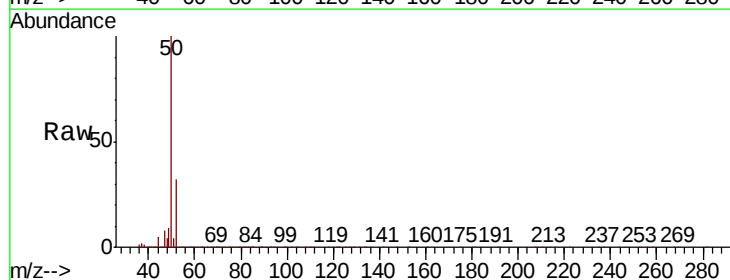
Acq: 06 Aug 2020 16:32

Tgt Ion: 50 Resp: 158195

Ion Ratio Lower Upper

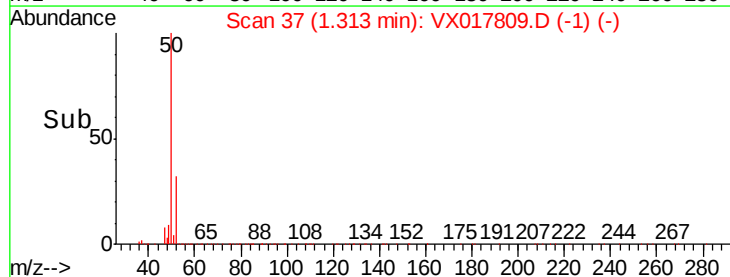
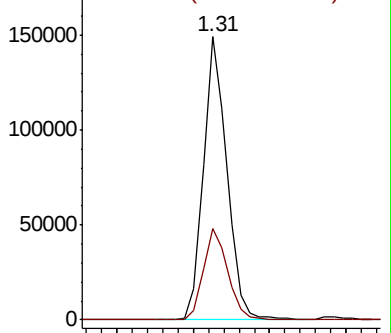
50 100

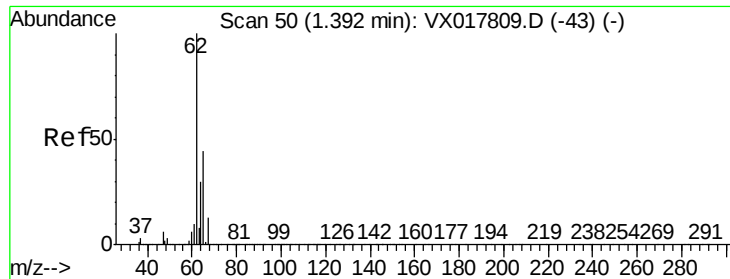
52 32.2 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 5.070 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

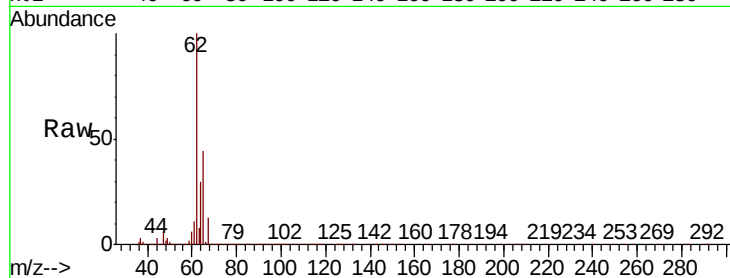
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 158601

Ion Ratio Lower Upper

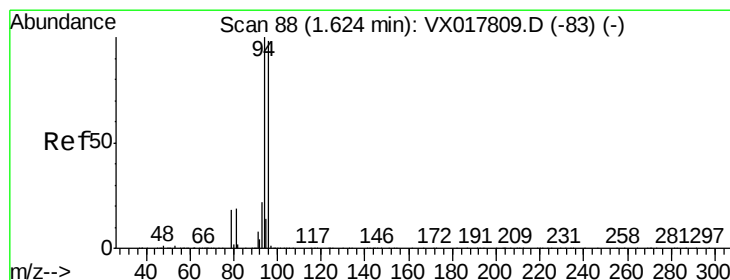
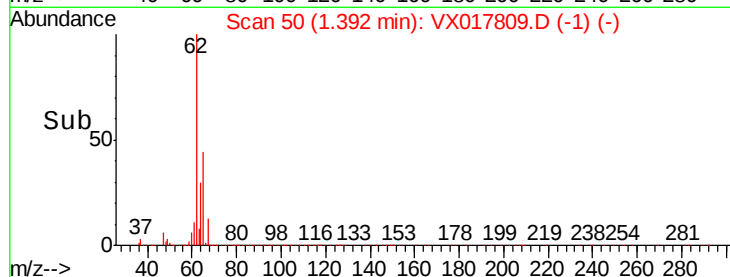
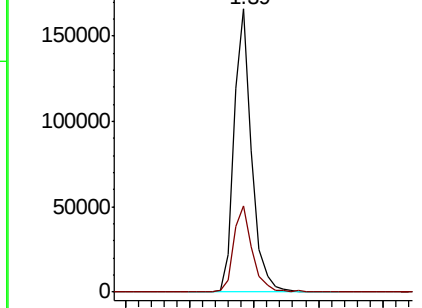
62 100

64 30.5 21.3 39.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 5.213 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017809.D

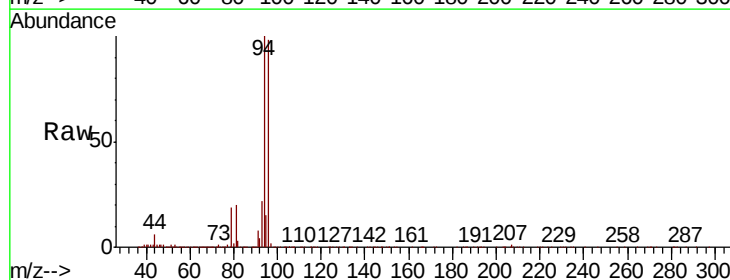
Acq: 06 Aug 2020 16:32

Tgt Ion: 94 Resp: 91350

Ion Ratio Lower Upper

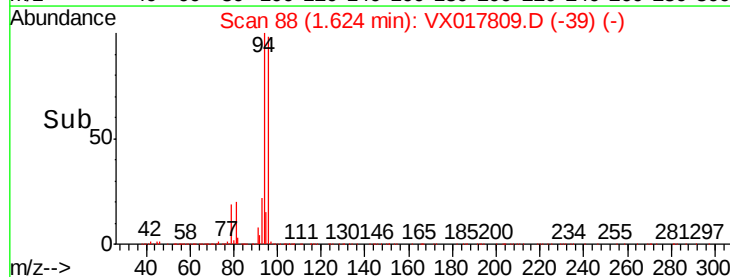
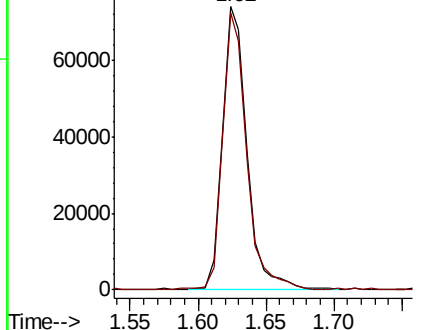
94 100

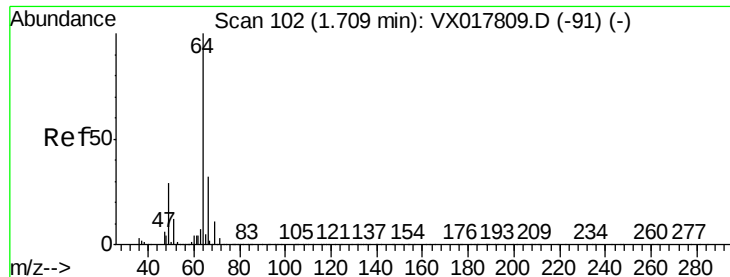
96 97.8 68.5 127.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

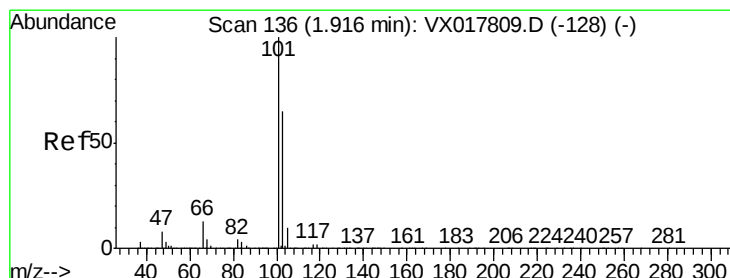
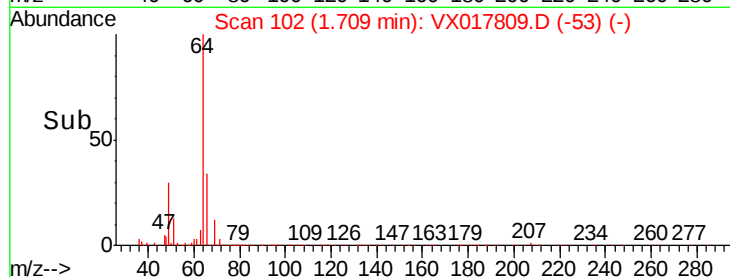
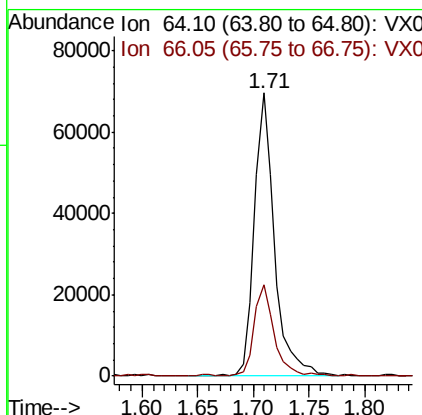
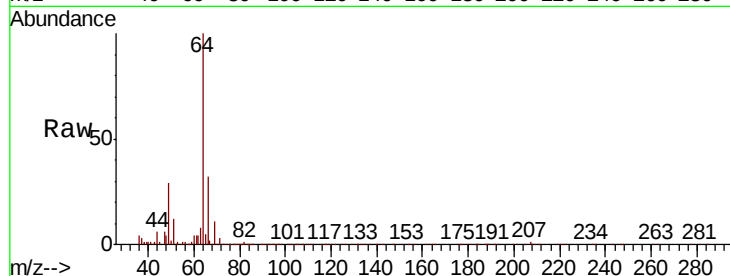




#8
Chloroethane
Concen: 5.071 ug/L
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

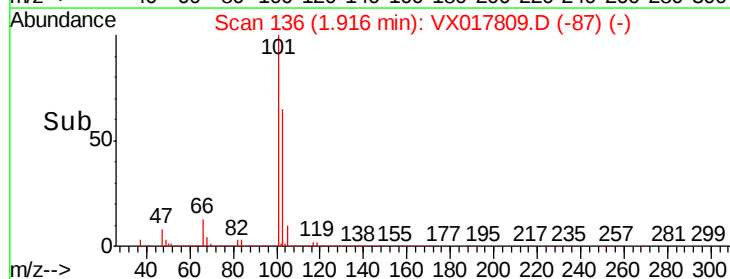
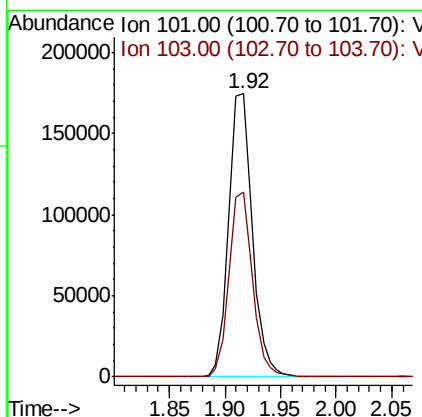
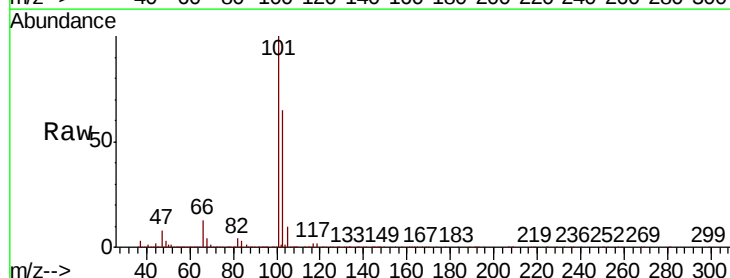
Instrument :
MSVOA_X
ClientSampleId :

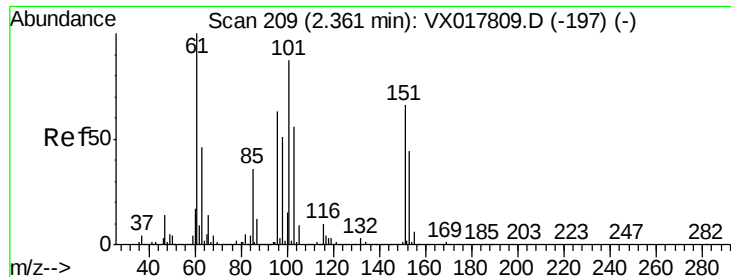
Tot Ion: 64 Resp: 87756
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.637 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion: 101 Resp: 258623
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

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

Concen: 5.932 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampled :

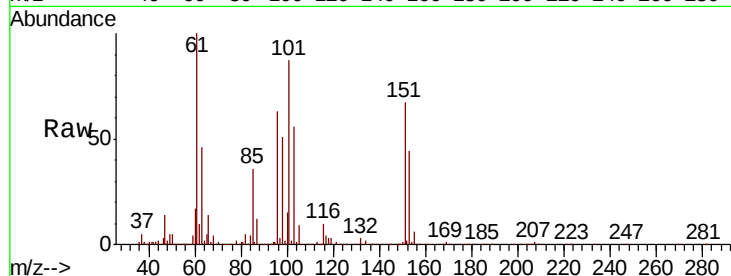
Tot Ion: 101 Resp: 149505

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

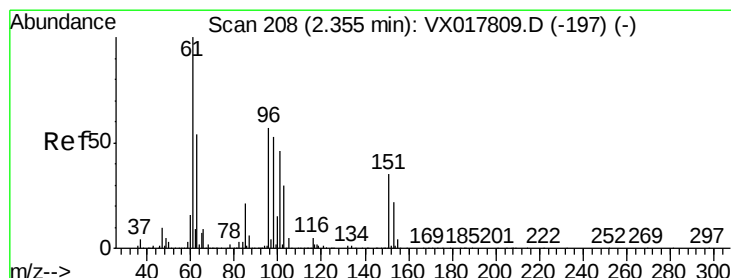
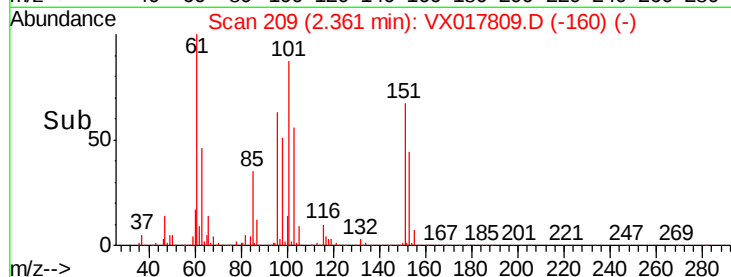
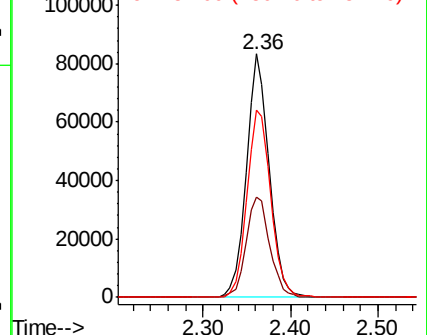
151 81.0 64.8 97.2



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: 5.709 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

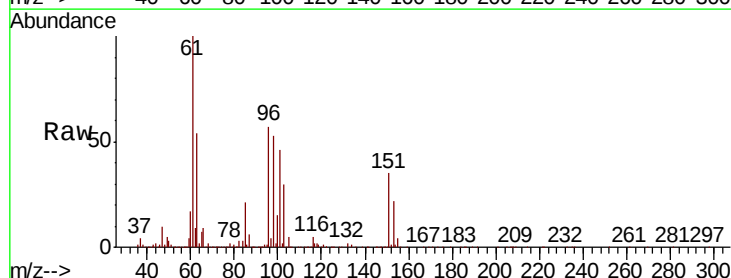
Tgt Ion: 96 Resp: 133661

Ion Ratio Lower Upper

96 100

61 176.4 123.5 229.3

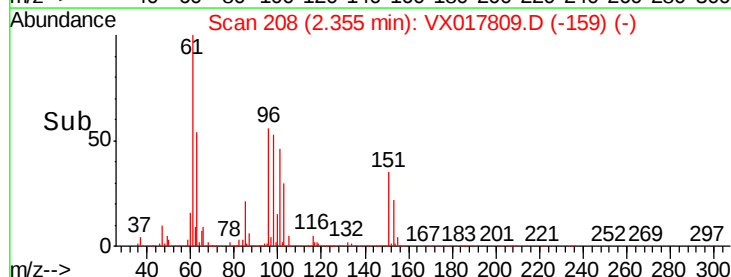
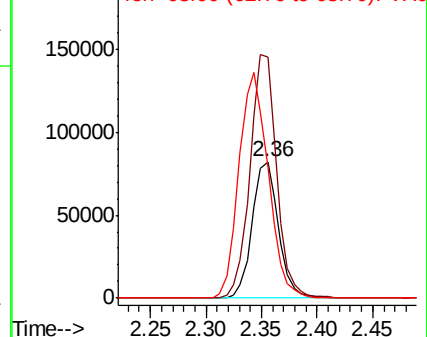
63 95.7 67.0 124.4

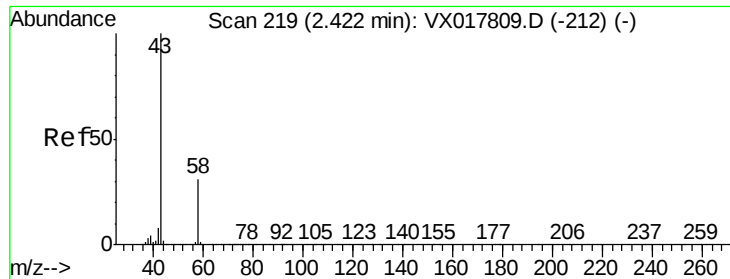


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 58.567 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

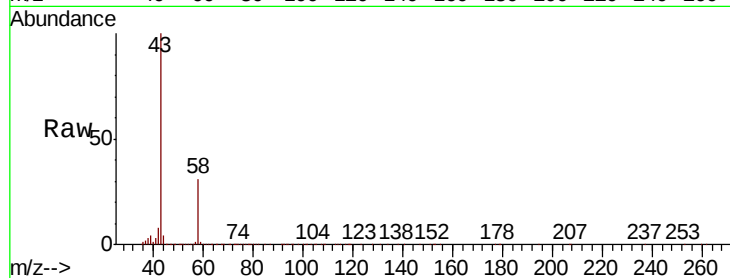
ClientSampleId :

Tot Ion: 43 Resp: 225777

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

150000

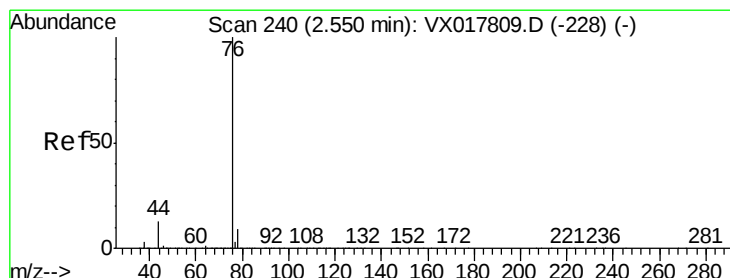
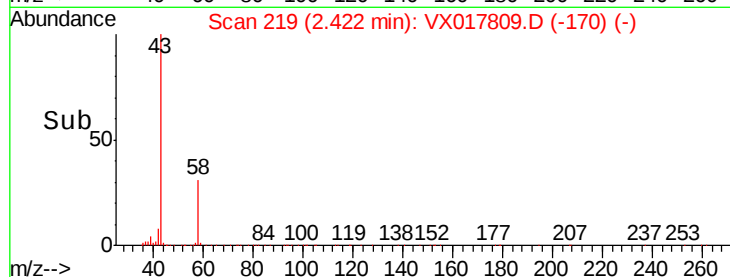
100000

50000

0

2.35 2.40 2.45 2.50

Time-->



#14

Carbon disulfide

Concen: 5.738 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017809.D

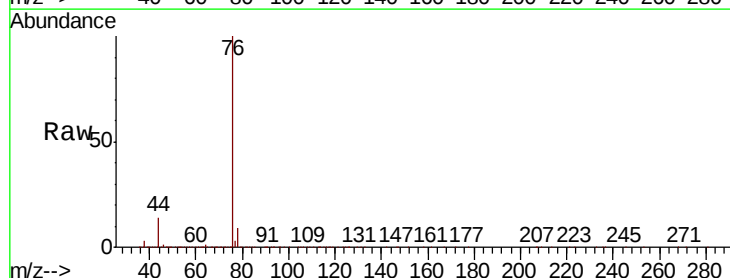
Acq: 06 Aug 2020 16:32

Tgt Ion: 76 Resp: 456180

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

300000

250000

200000

150000

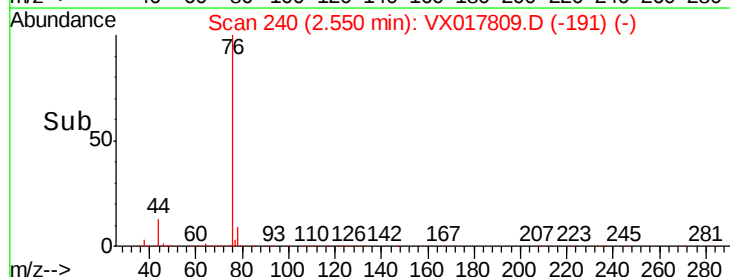
100000

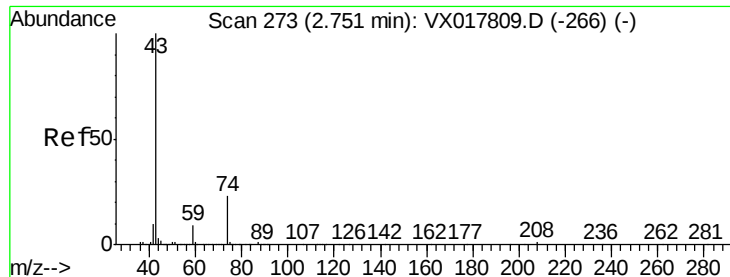
50000

0

2.50 2.60

Time-->

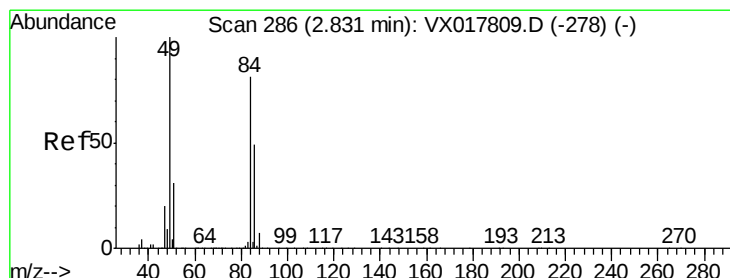
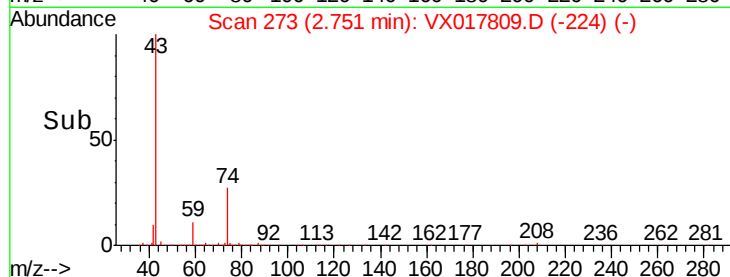
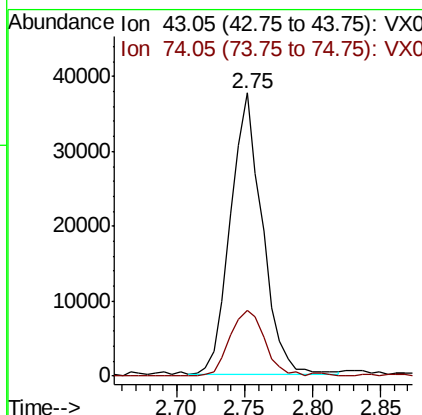
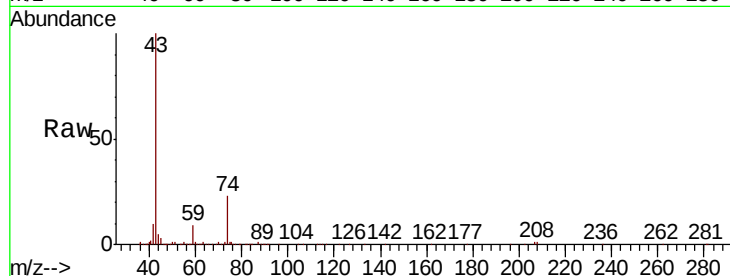




#15
Methvl Acetate
Concen: 5.439 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

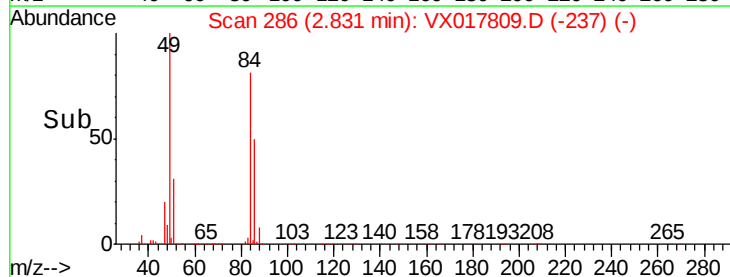
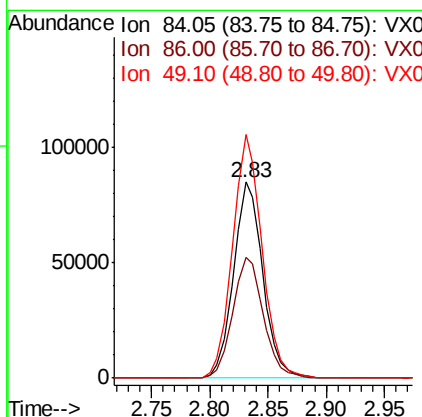
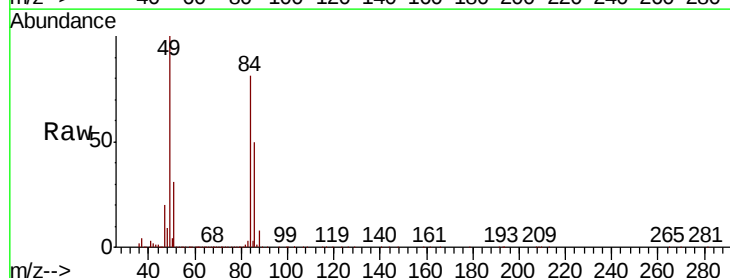
Instrument :
MSVOA_X
ClientSampleId :

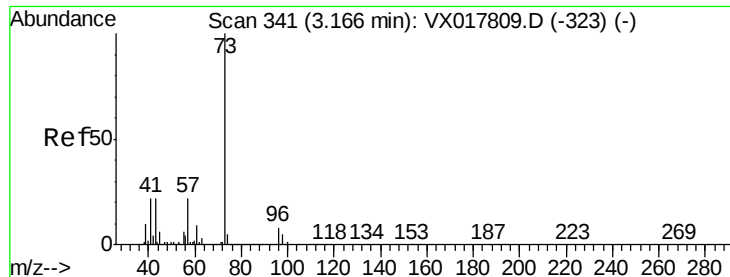
Tot Ion: 43 Resp: 61442
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6



#16
Methylene chloride
Concen: 4.660 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion: 84 Resp: 149503
Ion Ratio Lower Upper
84 100
86 61.5 43.0 80.0
49 124.1 86.9 161.3

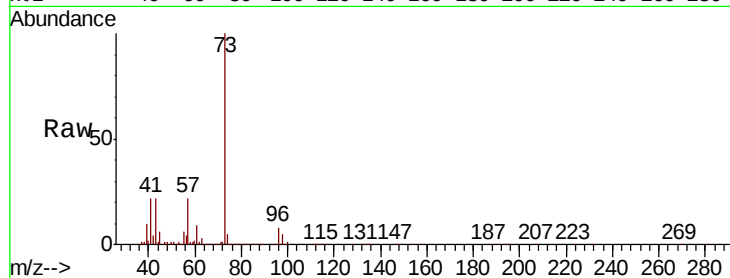




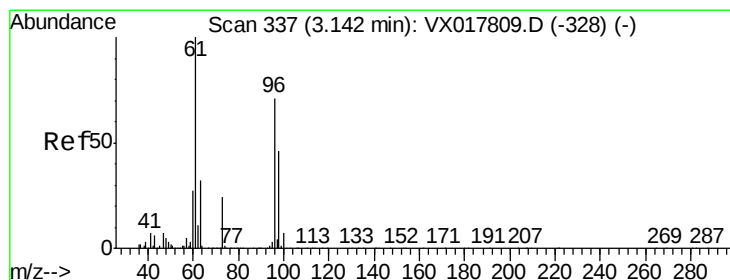
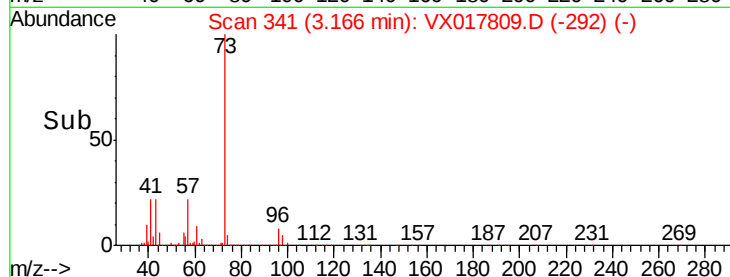
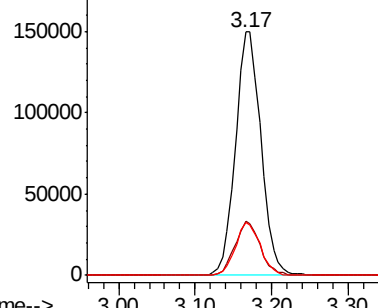
#17
Methvl tert-butvl Ether
Concen: 6.151 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 348381
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 21.3 17.0 25.6

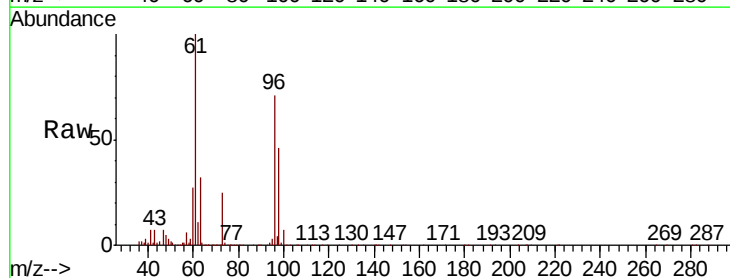


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

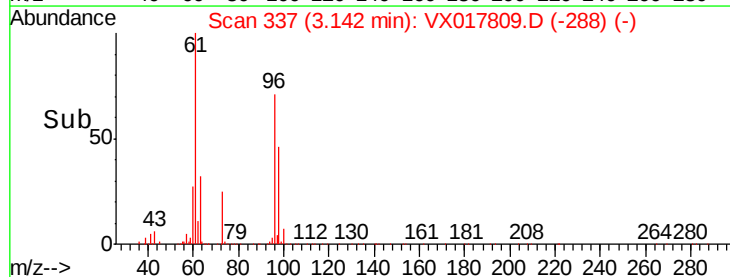
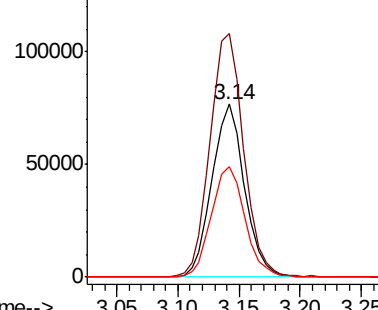


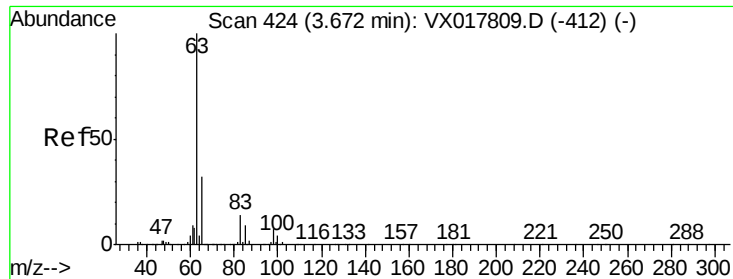
#18
trans-1,2-Dichloroethene
Concen: 5.702 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion: 96 Resp: 142655
Ion Ratio Lower Upper
96 100
61 140.6 98.4 182.8
98 64.2 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

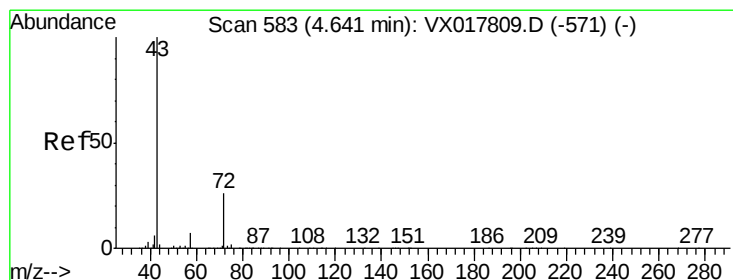
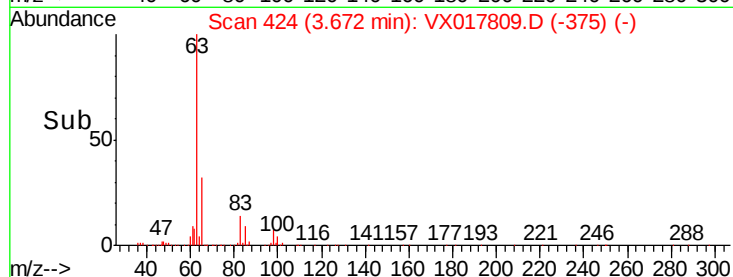
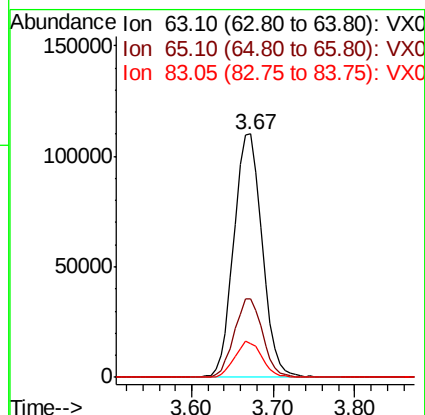
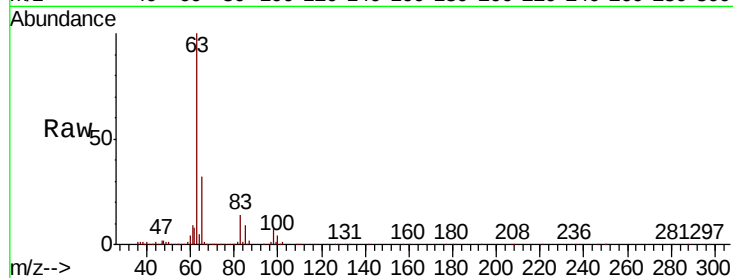




#19
 1,1-Dichloroethane
 Concen: 5.917 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

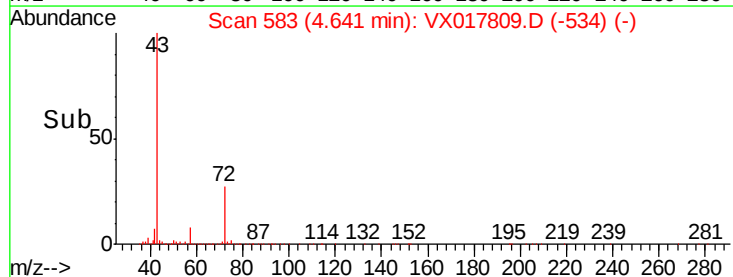
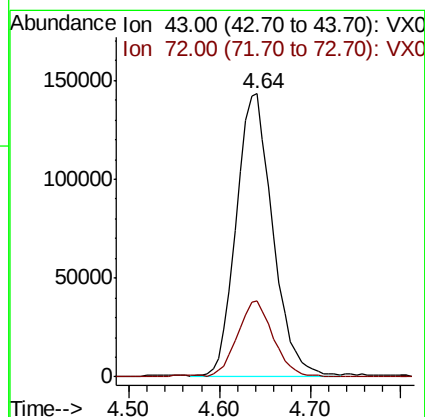
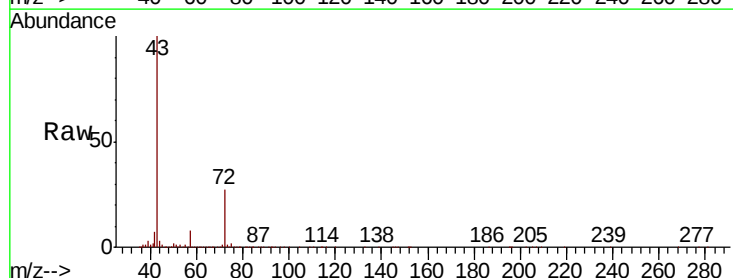
Instrument :
 MSVOA_X
 ClientSampled :

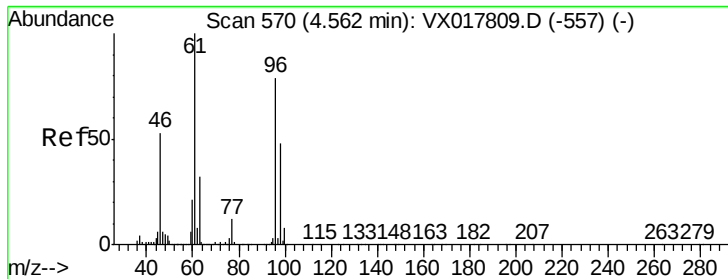
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.6	42.0
83	13.6	9.5	17.7



#21
 2-Butanone
 Concen: 63.831 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.4	13.2	39.6



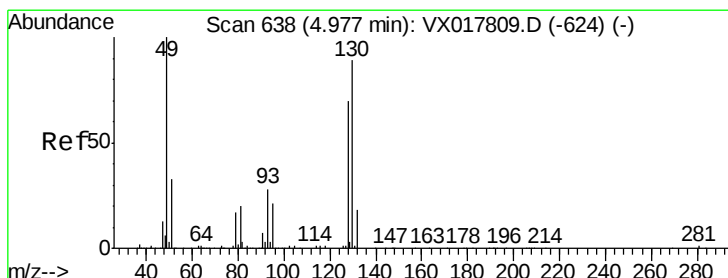
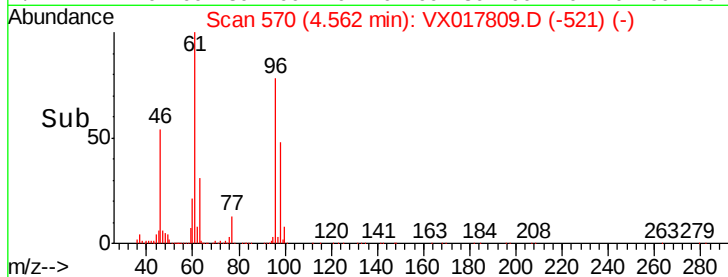
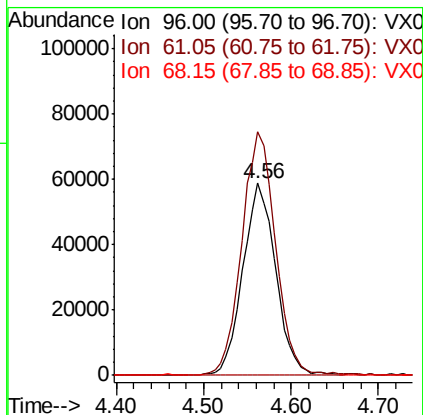
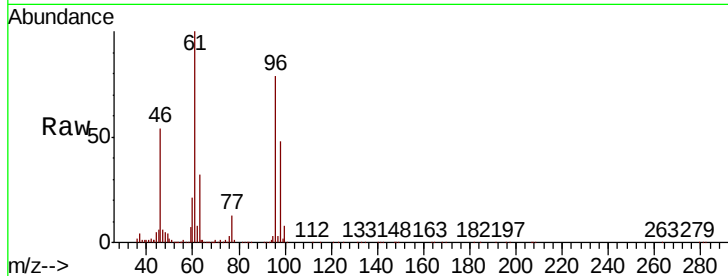


#22

cis-1,2-Dichloroethene
Concen: 6.186 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Instrument :
MSVOA_X
ClientSampleId :

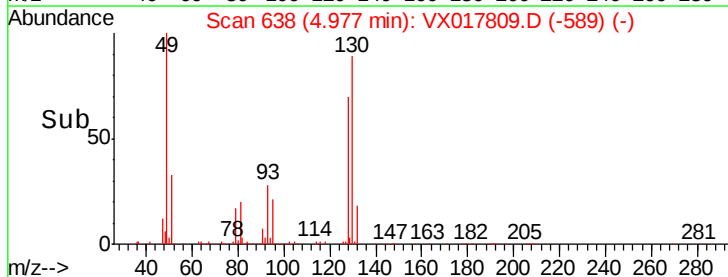
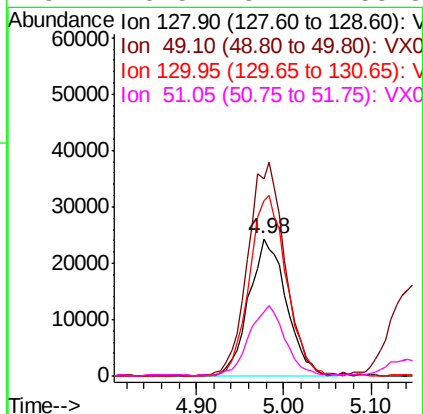
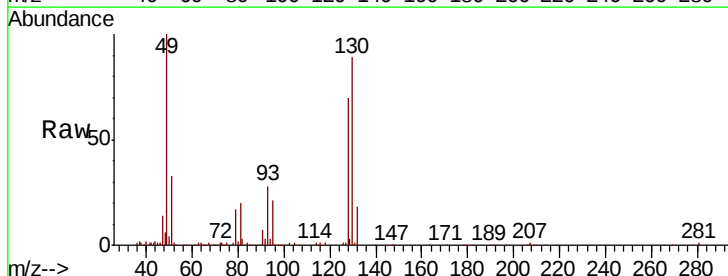
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	88.8	165.0
68	0.3	0.2	0.4

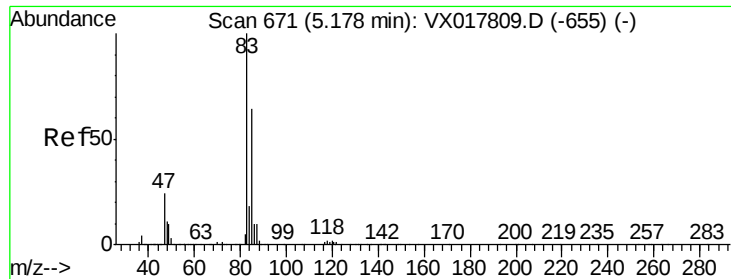


#23

Bromochloromethane
Concen: 6.041 ug/L
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
128	100		
49	143.1	100.2	186.0
130	127.3	89.1	165.5
51	46.5	37.2	55.8

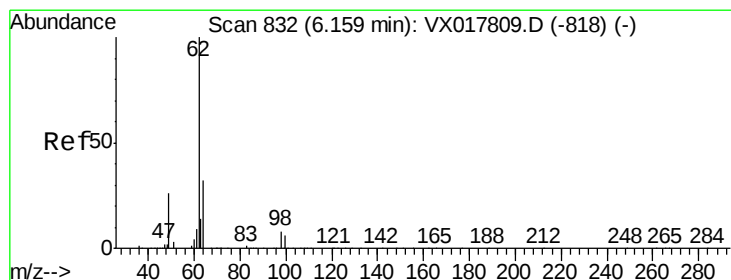
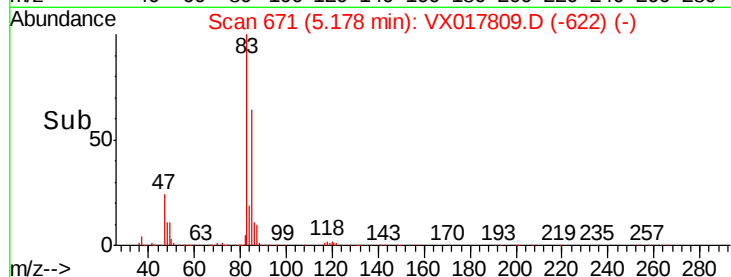
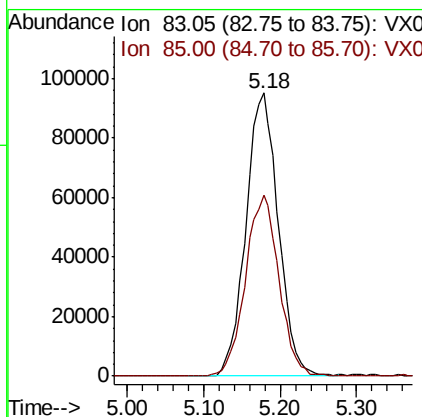
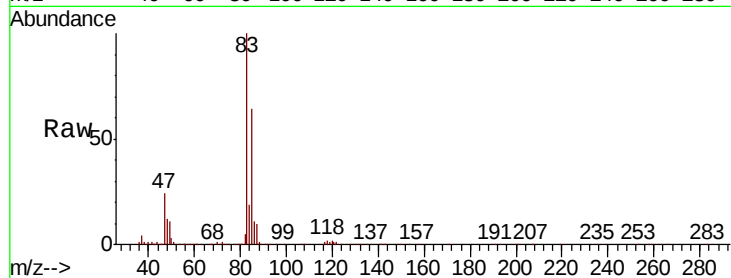




#25
Chloroform
Concen: 6.014 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

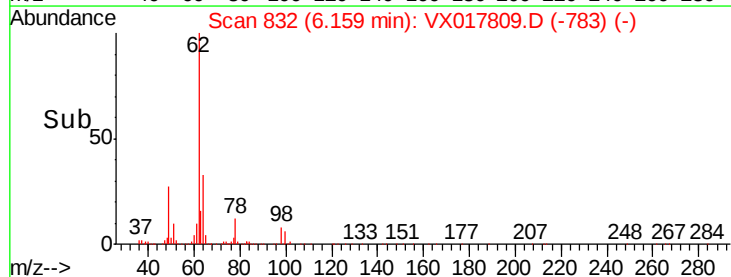
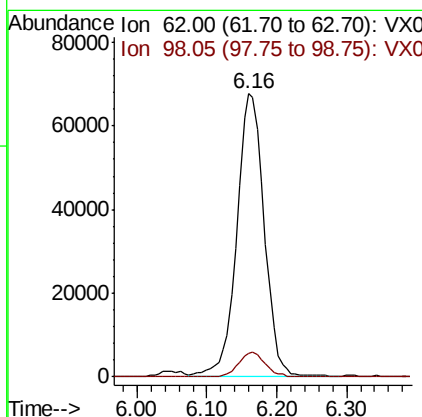
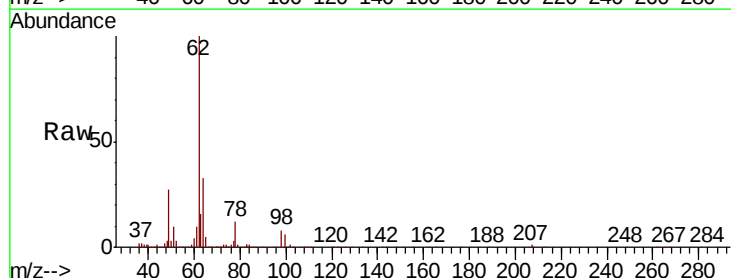
Instrument :
MSVOA_X
ClientSampleId :

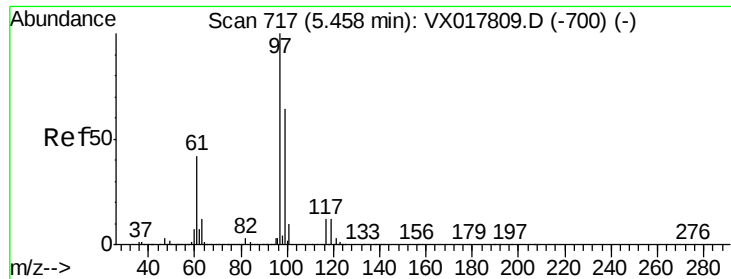
Tot Ion: 83 Resp: 281610
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 6.110 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion: 62 Resp: 183610
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1

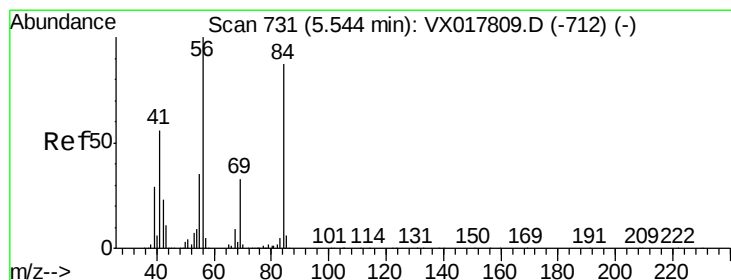
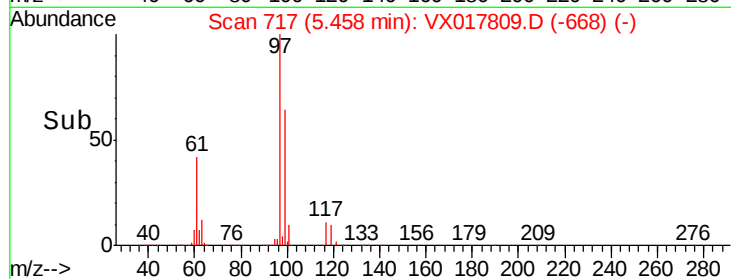
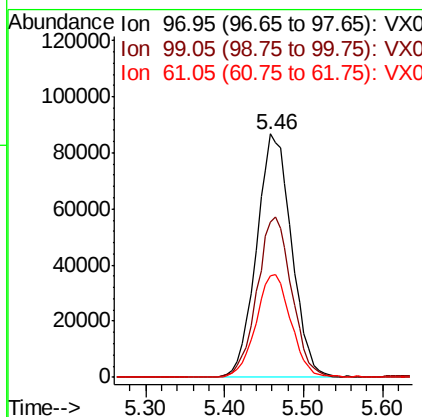
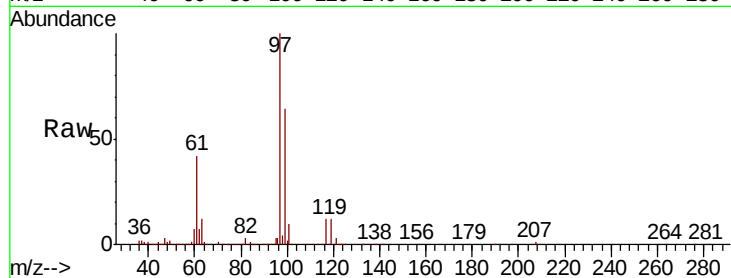




#29
 1,1,1-Trichloroethane
 Concen: 6.114 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

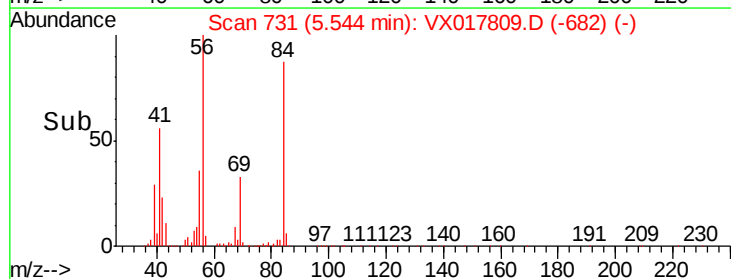
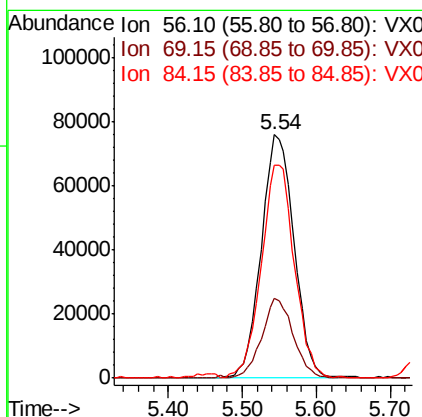
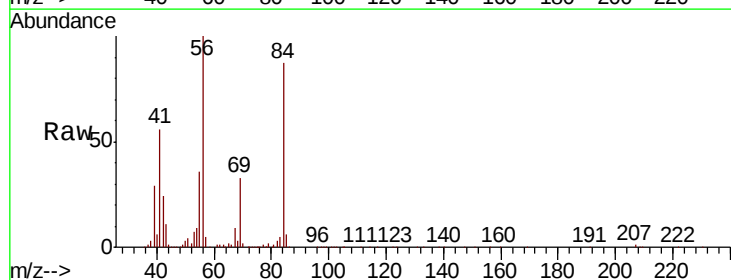
Instrument :
 MSVOA_X
 ClientSampled :

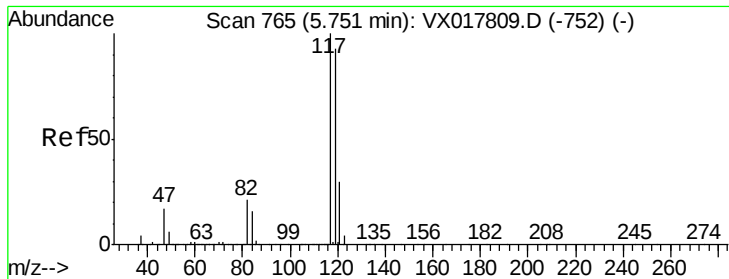
Tot Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	42.2	33.8	50.6



#30
 Cyclohexane
 Concen: 6.605 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.1	37.7
84	88.4	70.7	106.1



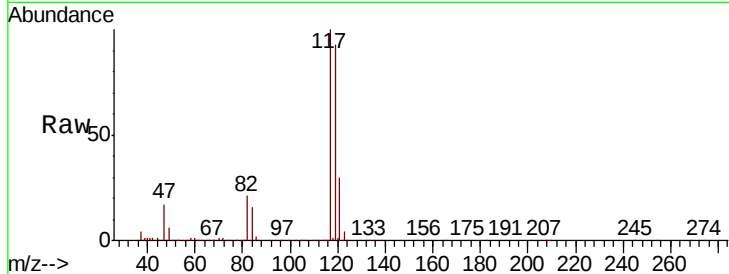


#31

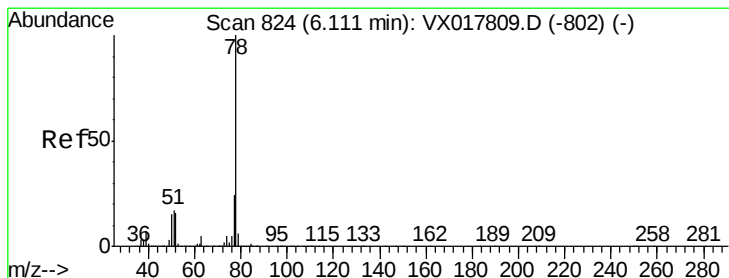
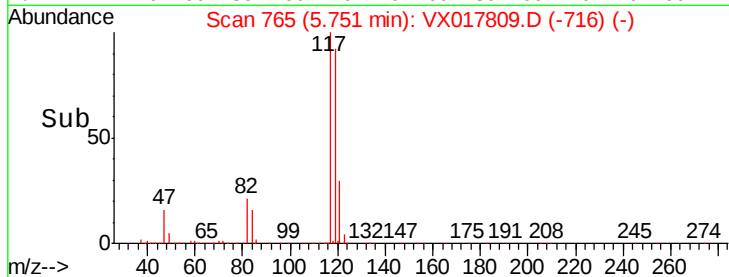
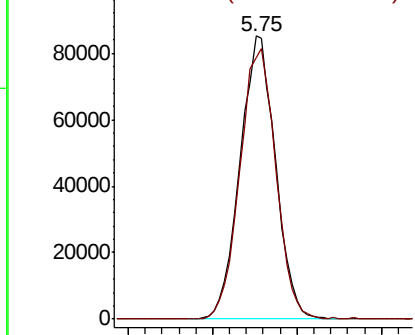
Carbon tetrachloride
Concen: 6.149 ug/L
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 242542
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4



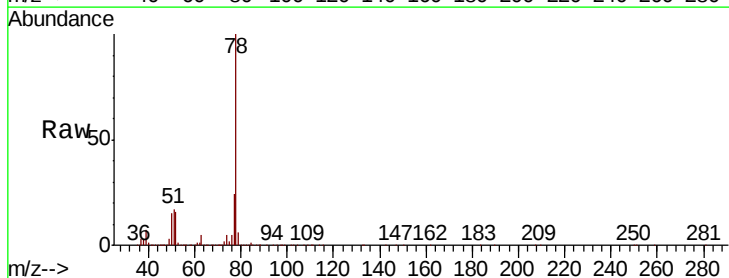
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



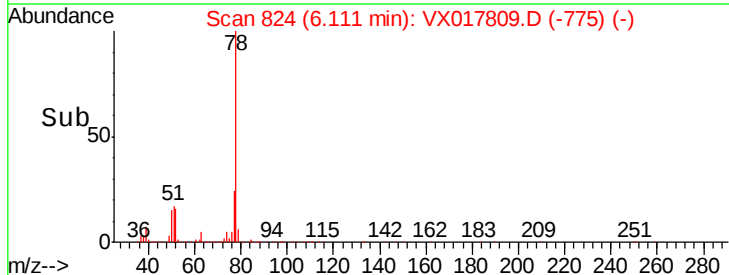
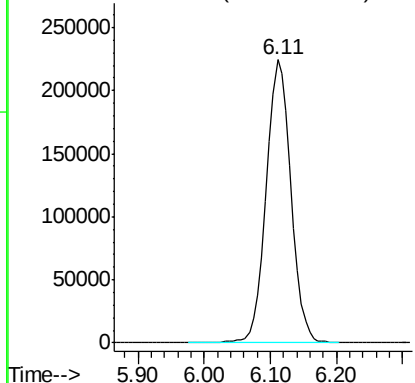
#33

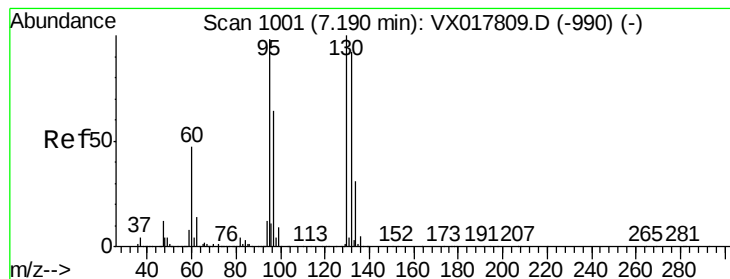
Benzene
Concen: 6.106 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion: 78 Resp: 582274



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 6.216 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 95 Resp: 163017

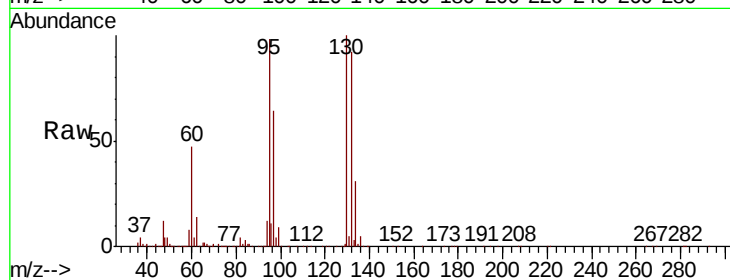
Ion Ratio Lower Upper

95 100

97 65.8 46.1 85.5

132 94.3 66.0 122.6

130 102.4 71.7 133.1

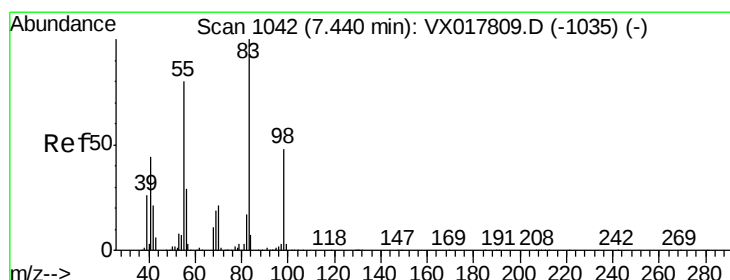
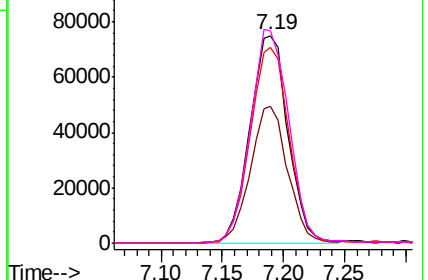
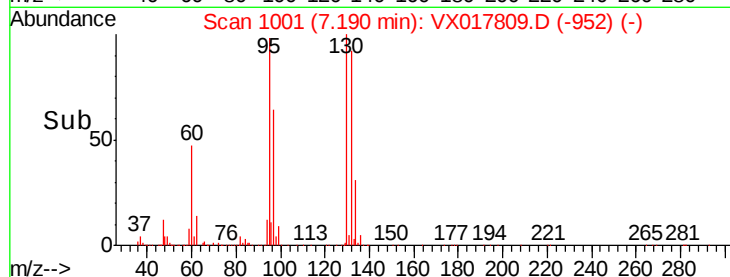


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 6.739 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

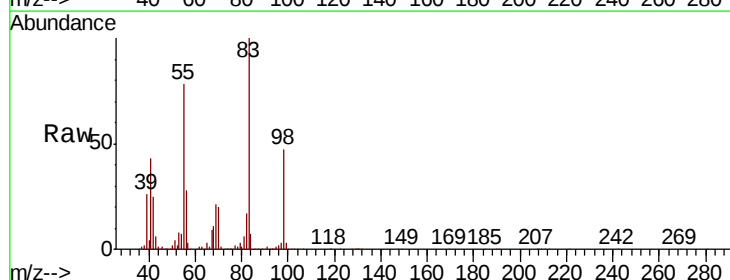
Tgt Ion: 83 Resp: 240428

Ion Ratio Lower Upper

83 100

55 78.0 62.4 93.6

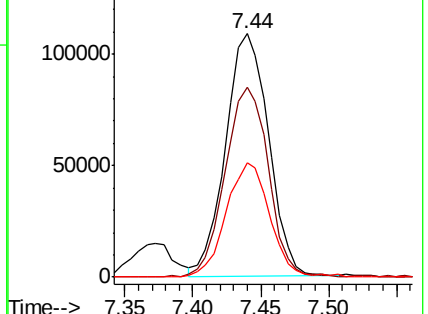
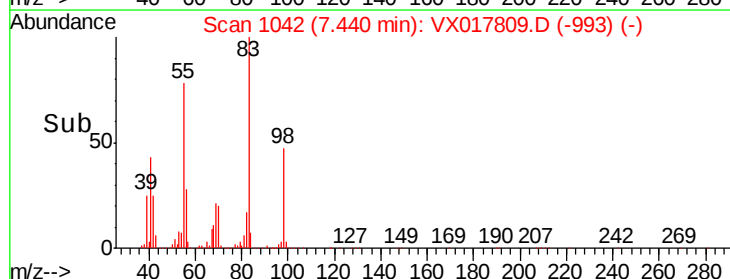
98 47.5 38.0 57.0

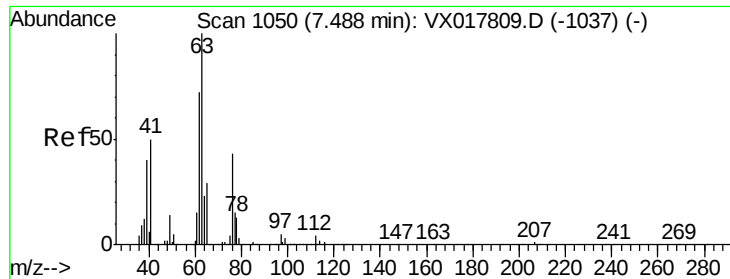


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 6.049 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

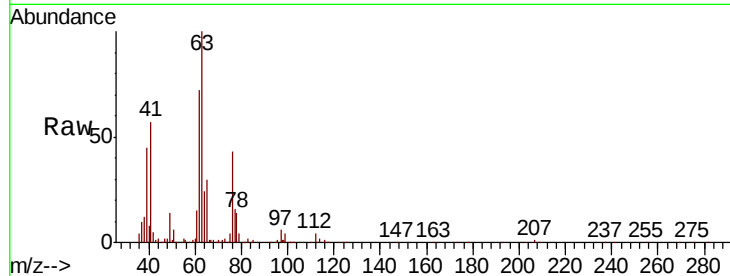
ClientSampleId :

Tot Ion: 63 Resp: 143114

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.49

80000

60000

40000

20000

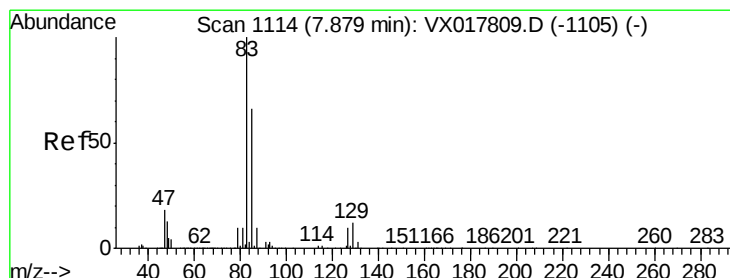
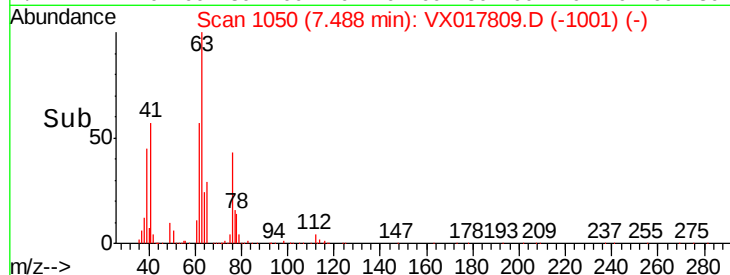
0

7.40

7.50

7.60

Time-->



#38

Bromodichloromethane

Concen: 6.164 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

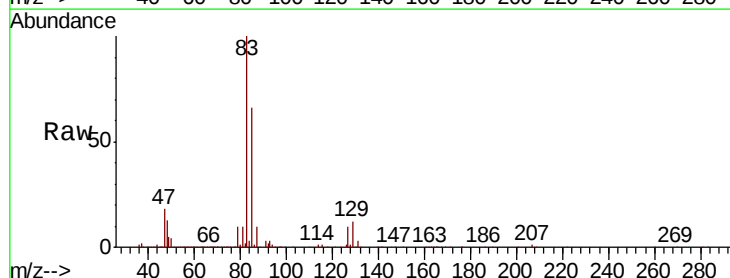
Tgt Ion: 83 Resp: 201706

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3

127 9.9 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

150000

100000

50000

0

7.80

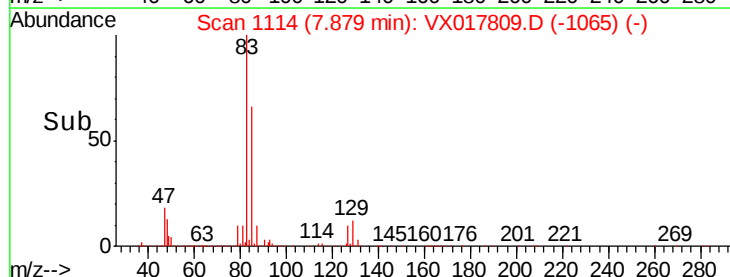
7.85

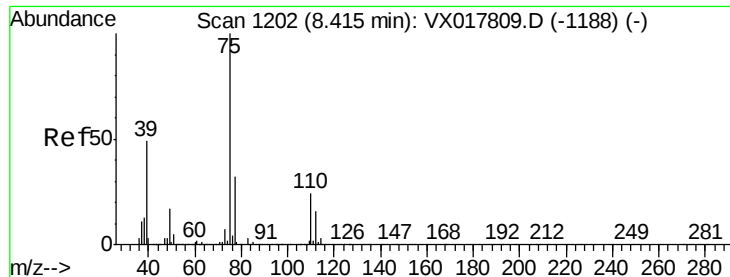
7.90

7.95

8.00

Time-->





#39

cis-1,3-Dichloropropene

Concen: 6.289 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

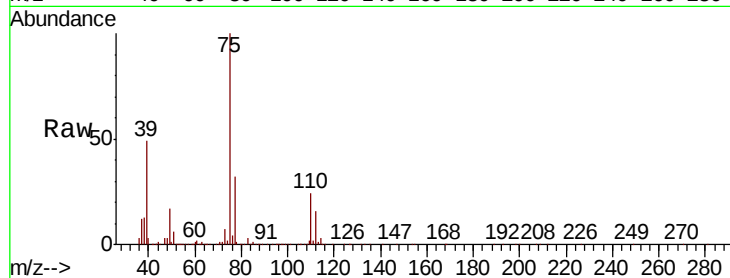
ClientSampled :

Tot Ion: 75 Resp: 220746

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

8.42

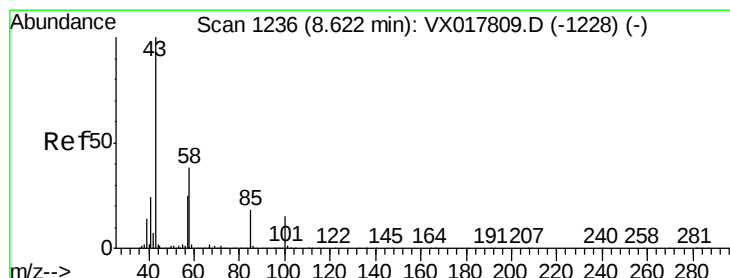
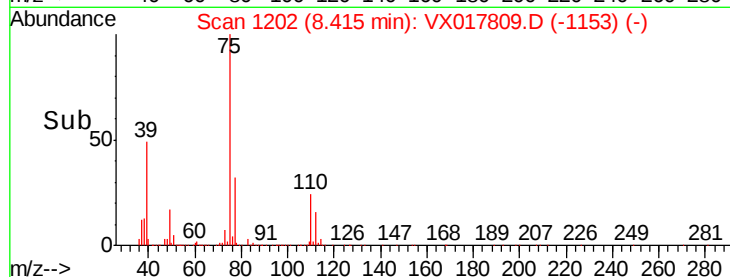
150000

100000

50000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 68.177 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

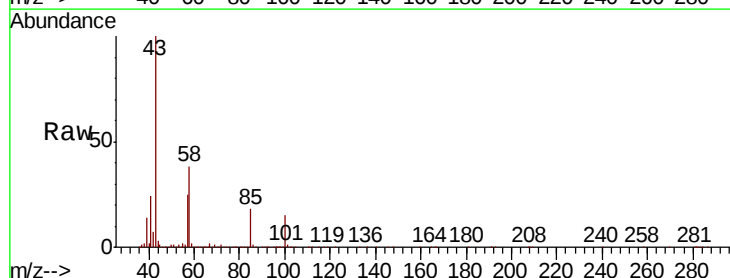
Tgt Ion: 43 Resp: 975118

Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.3 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

8.62

800000

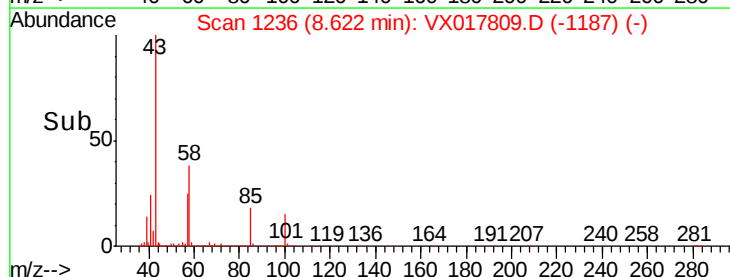
600000

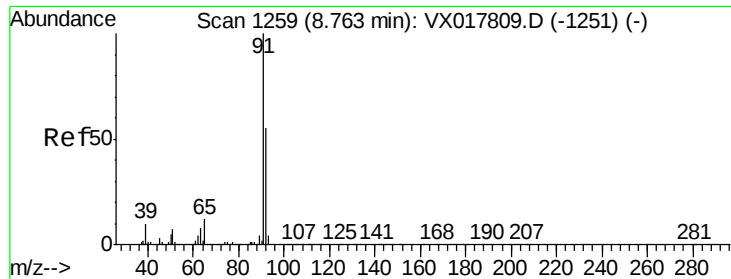
400000

200000

0

Time-->





#42

Toluene

Concen: 6.533 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

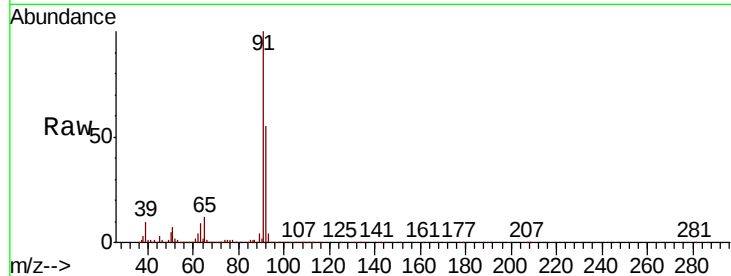
ClientSampleId :

Tot Ion: 91 Resp: 637946

Ion Ratio Lower Upper

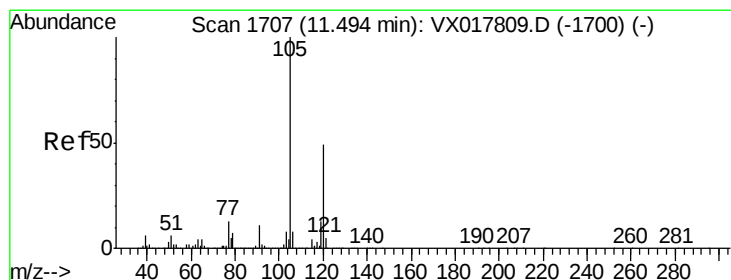
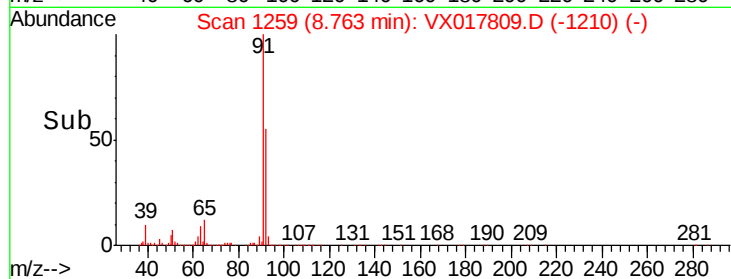
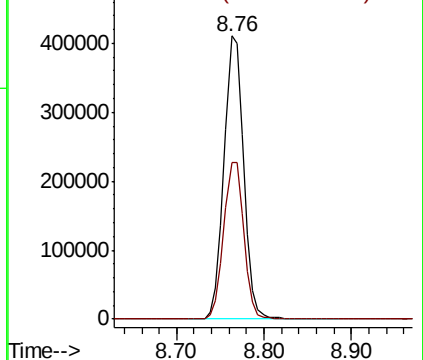
91 100

92 55.4 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: 6.528 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017809.D

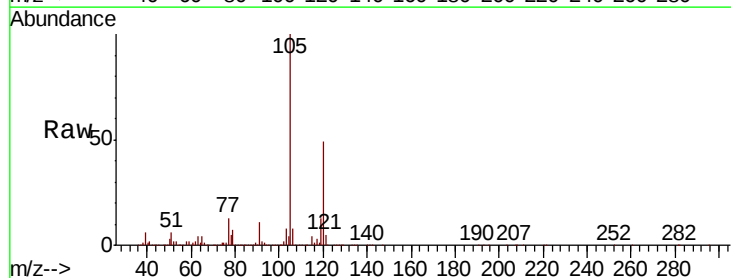
Acq: 06 Aug 2020 16:32

Tgt Ion:105 Resp: 594806

Ion Ratio Lower Upper

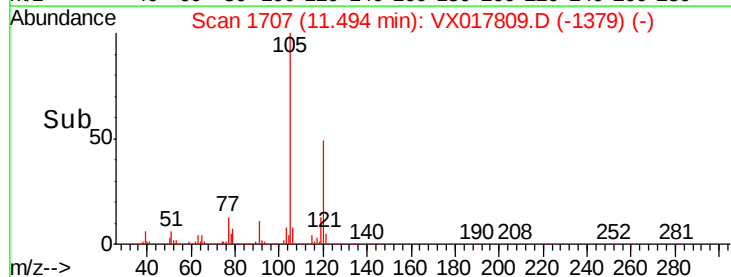
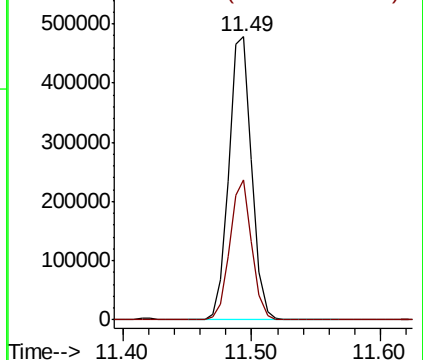
105 100

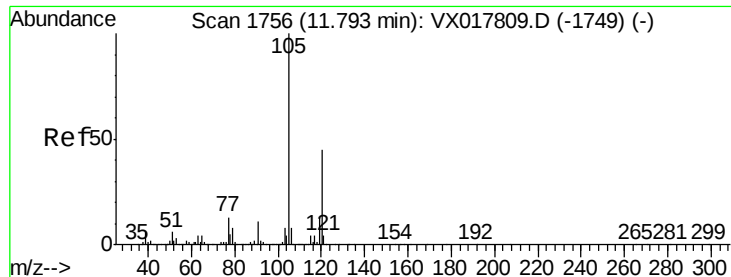
120 47.6 38.1 57.1



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: 6.643 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

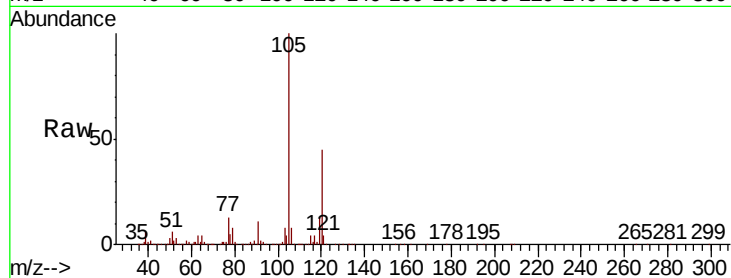
ClientSampled :

Tot Ion:105 Resp: 607936

Ion Ratio Lower Upper

105 100

120 44.8 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

600000

500000

400000

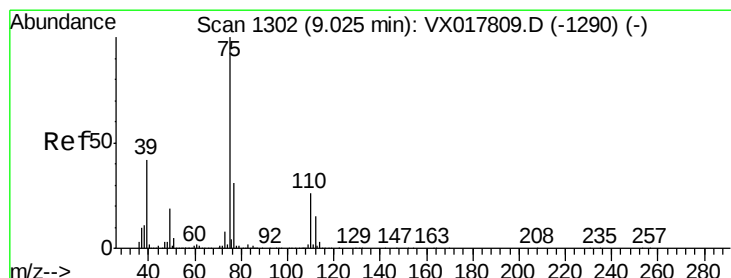
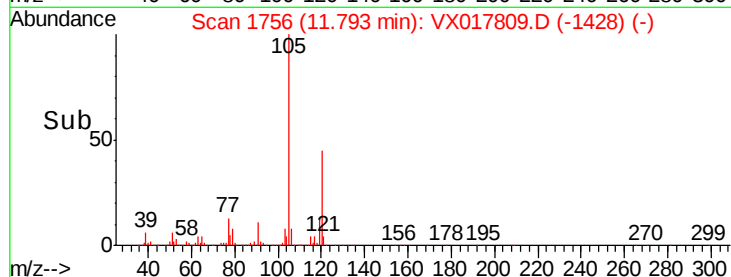
300000

200000

100000

0

Time--> 11.70 11.80 11.90



#46

trans-1,3-Dichloropropene

Concen: 6.560 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017809.D

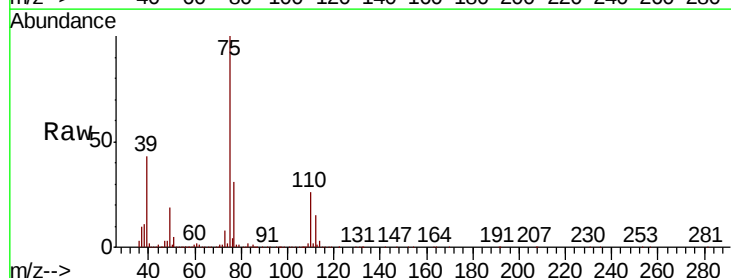
Acq: 06 Aug 2020 16:32

Tgt Ion: 75 Resp: 201330

Ion Ratio Lower Upper

75 100

77 30.9 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

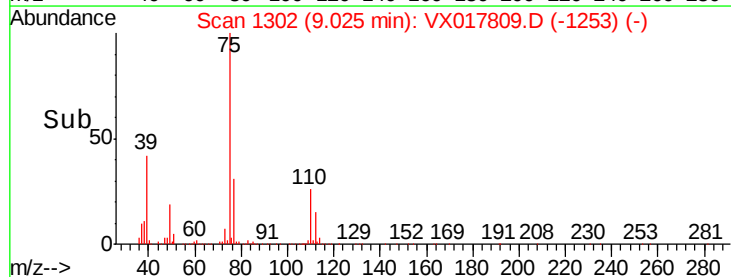
150000

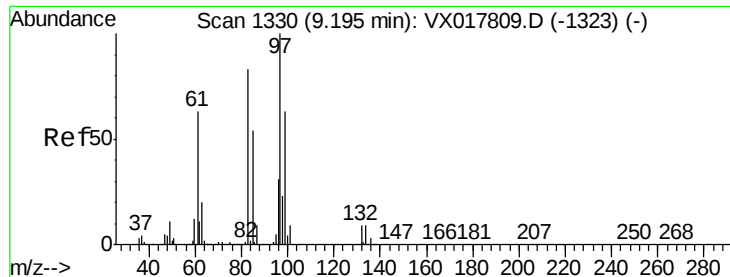
100000

50000

0

Time--> 8.90 9.00 9.10





#47

1,1,2-Trichloroethane

Concen: 6.470 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 109417

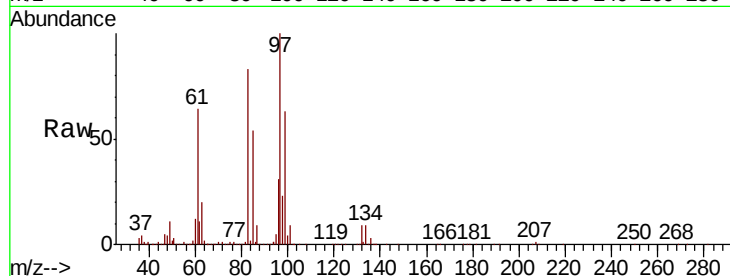
Ion Ratio Lower Upper

97 100

99 62.7 43.9 81.5

83 83.5 58.4 108.6

85 53.5 37.5 69.6

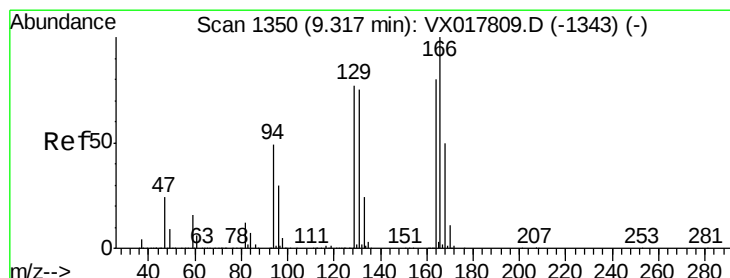
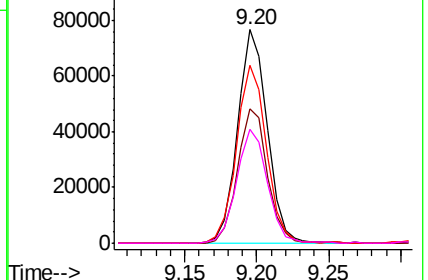
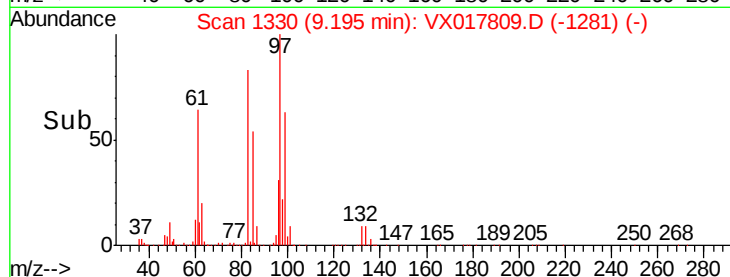


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 6.242 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Tgt Ion: 164 Resp: 133405

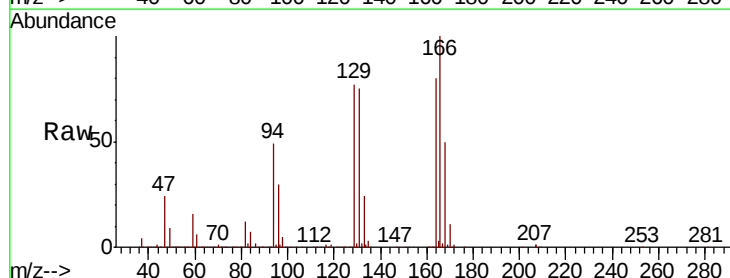
Ion Ratio Lower Upper

164 100

129 96.3 67.4 125.2

131 93.3 65.3 121.3

166 124.5 87.2 161.9

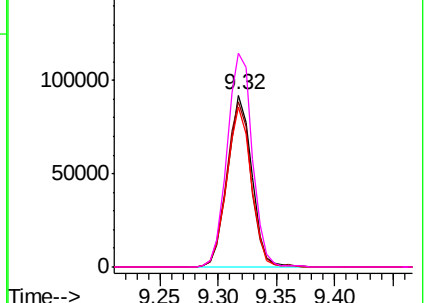
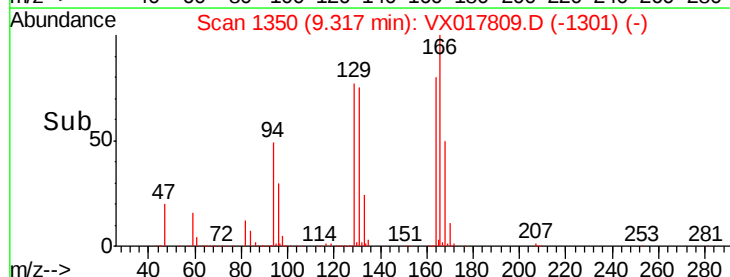


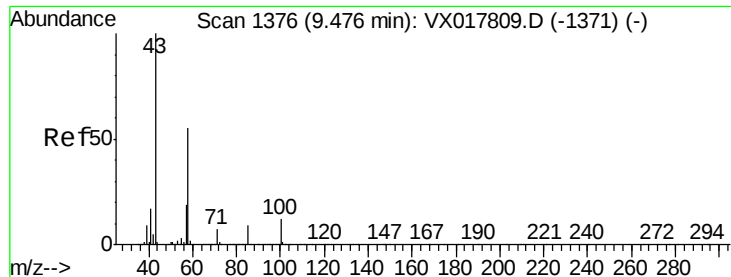
Abundance Ion 163.90 (163.60 to 164.60): V

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

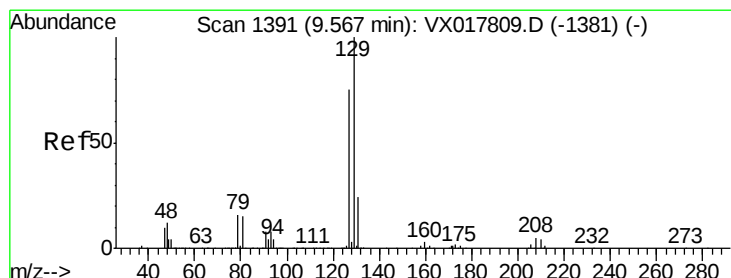
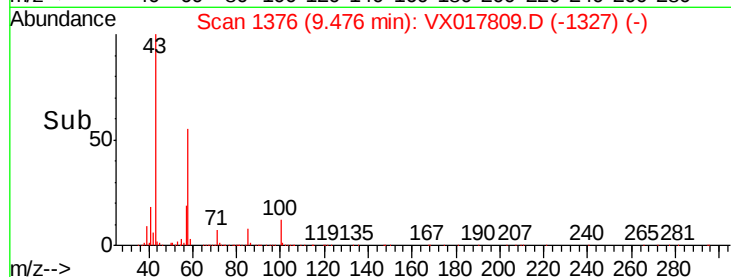
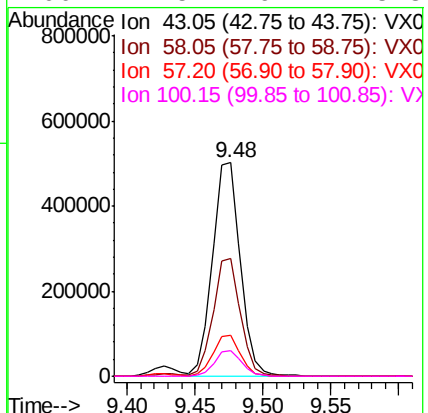
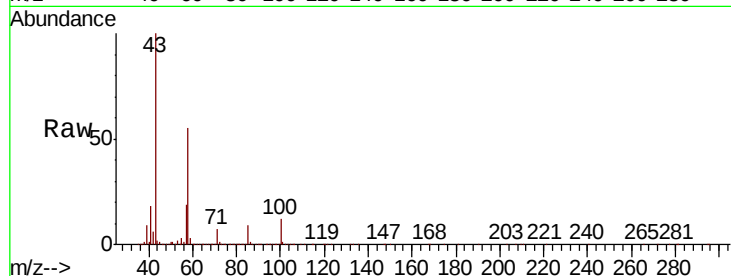




#50
2-Hexanone
Concen: 68.061 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

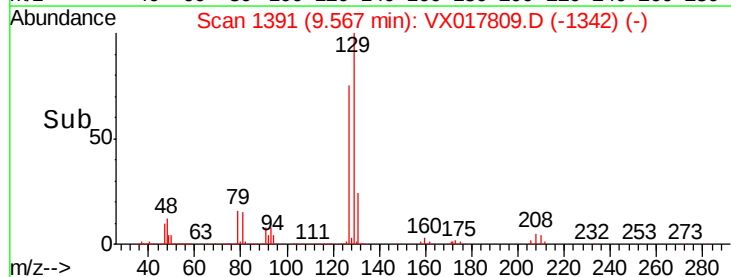
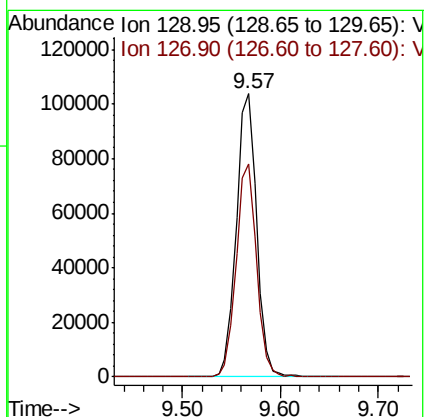
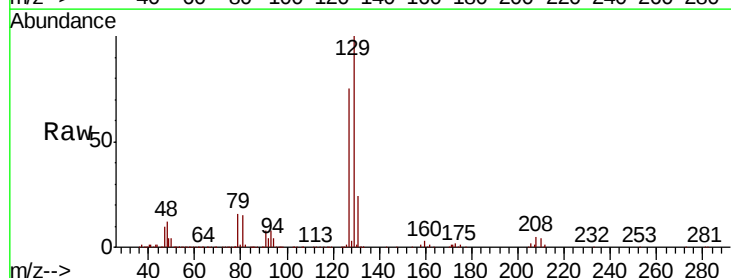
Instrument :
MSVOA_X
ClientSampleId :

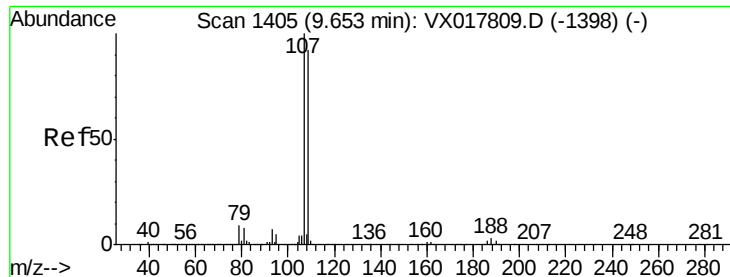
Tot Ion:	43	Resp:	712670
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.6
57	18.7	15.0	22.4
100	11.5	9.2	13.8



#51
Dibromochloromethane
Concen: 6.408 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017809.D
Acq: 06 Aug 2020 16:32

Tgt Ion:	129	Resp:	149630
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.5	97.5





#52

1,2-Dibromoethane

Concen: 6.406 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

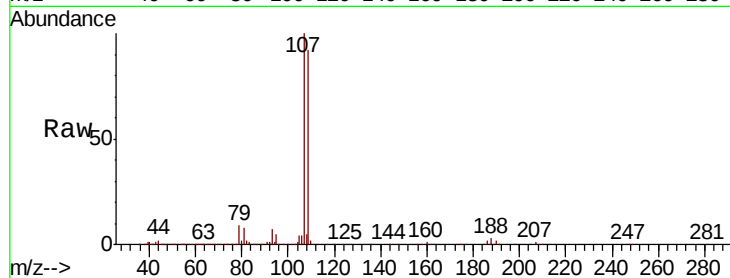
Tot Ion:107 Resp: 107734

Ion Ratio Lower Upper

107 100

109 92.3 64.6 120.0

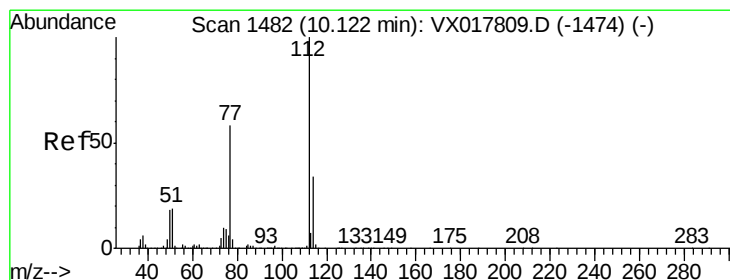
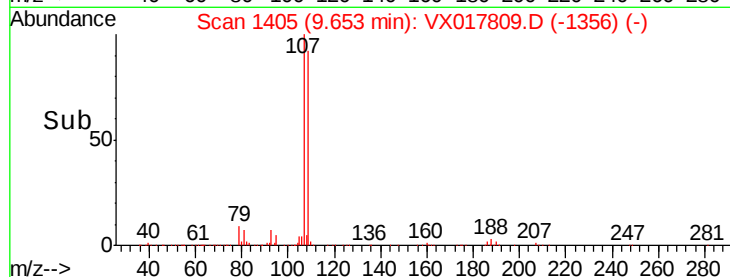
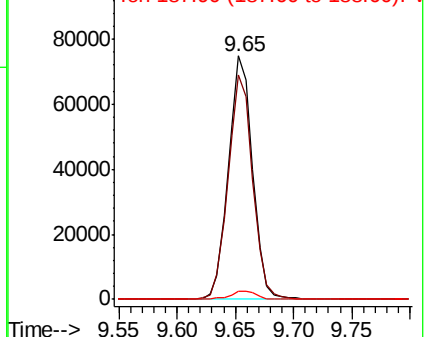
188 3.1 2.5 3.7



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: 6.168 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

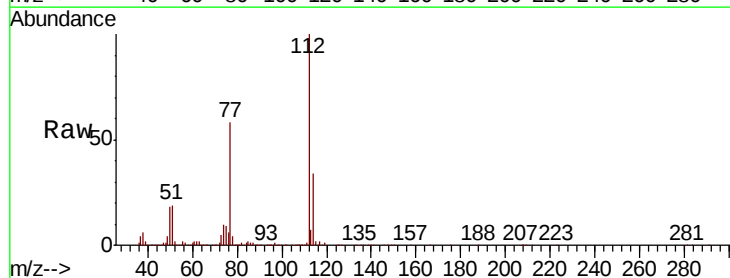
Tgt Ion:112 Resp: 404820

Ion Ratio Lower Upper

112 100

114 33.6 23.5 43.7

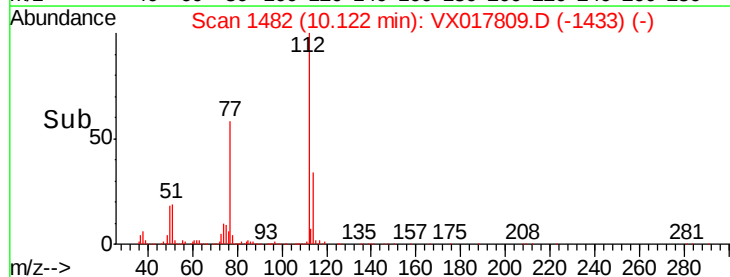
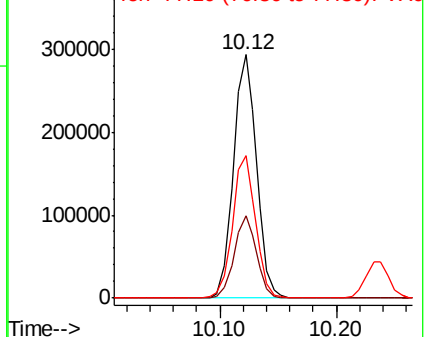
77 58.4 46.7 70.1

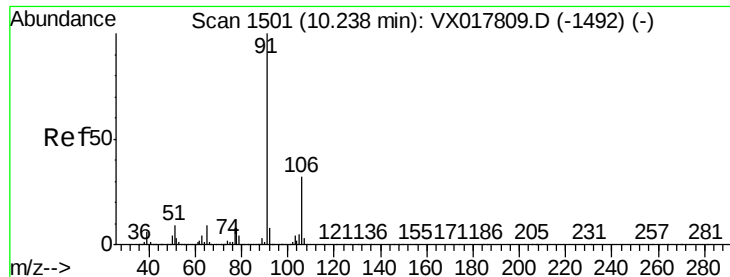


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 6.547 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

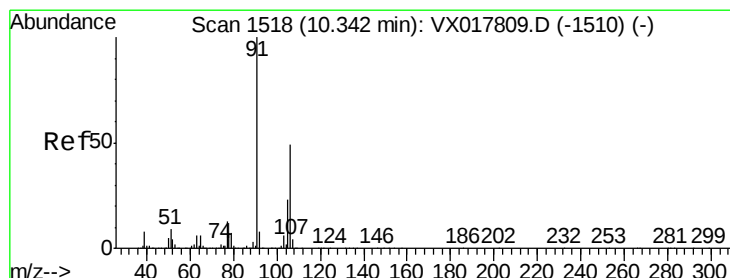
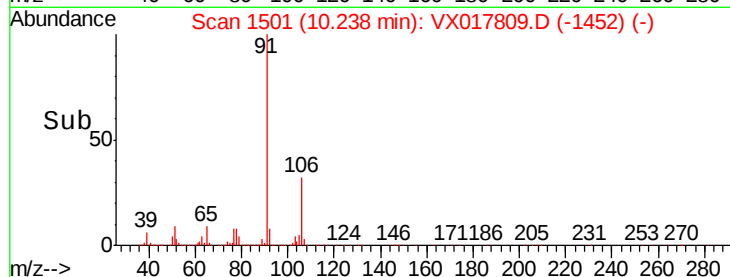
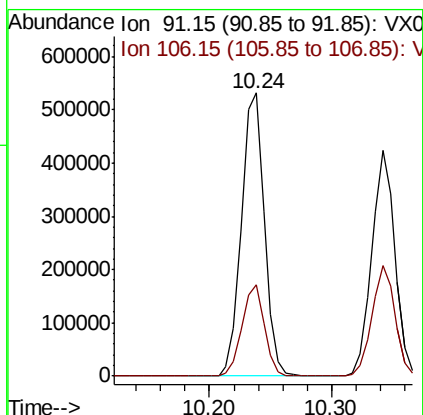
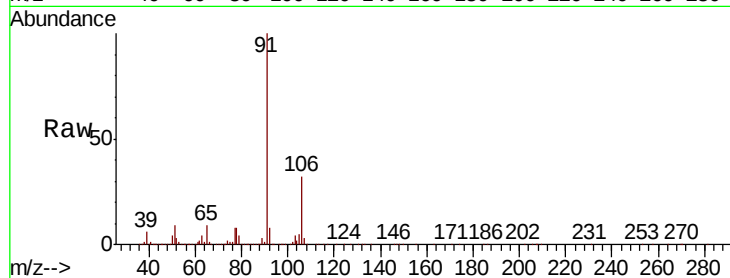
ClientSampleId :

Tot Ion: 91 Resp: 688191

Ion Ratio Lower Upper

91 100

106 32.2 22.5 41.9



#55

m,p-xylene

Concen: 6.494 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017809.D

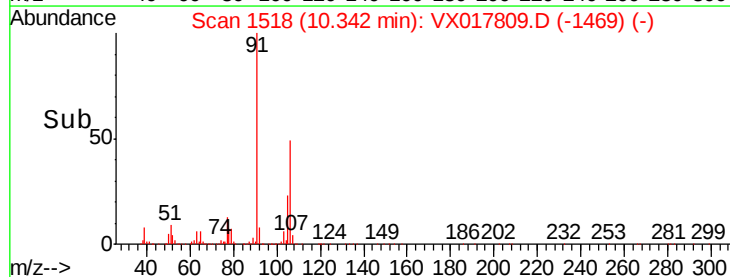
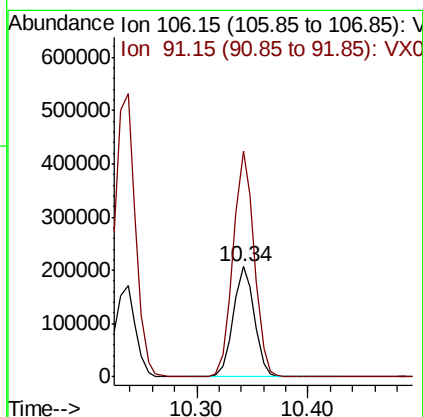
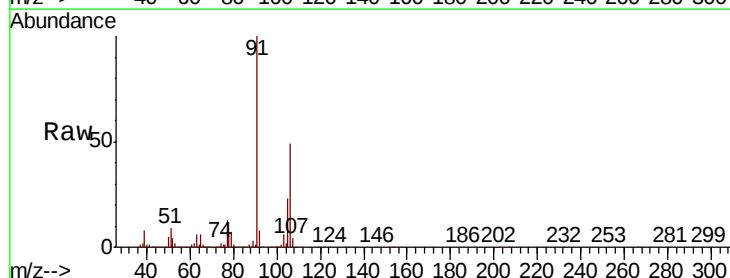
Acq: 06 Aug 2020 16:32

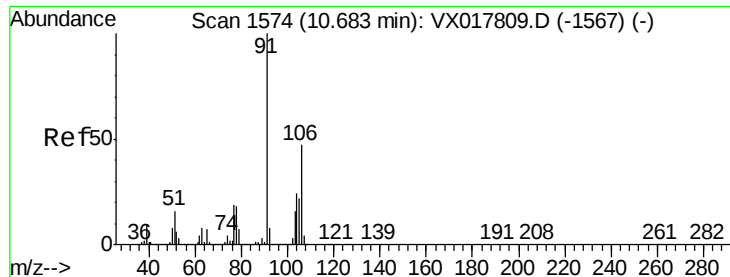
Tgt Ion: 106 Resp: 271979

Ion Ratio Lower Upper

106 100

91 204.7 143.3 266.1





#56

o-xylene

Concen: 6.350 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

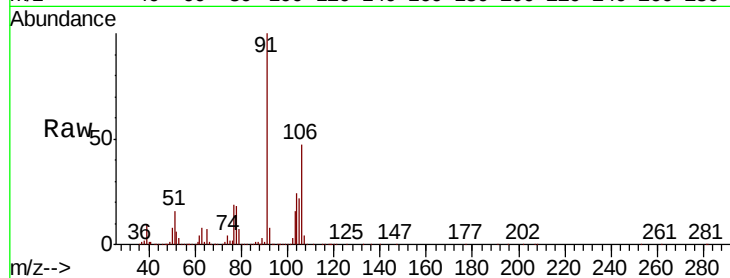
ClientSampled :

Tot Ion:106 Resp: 259194

Ion Ratio Lower Upper

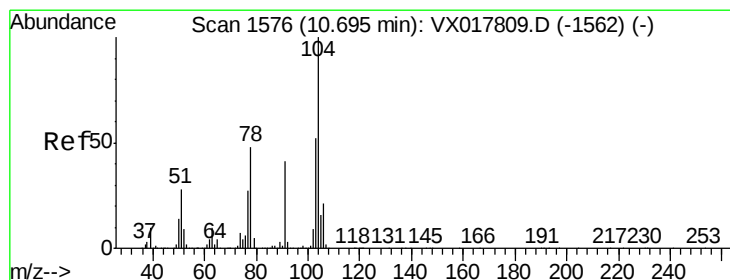
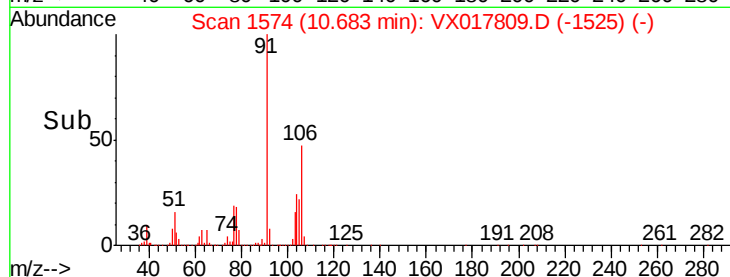
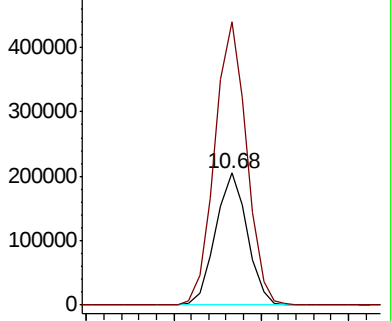
106 100

91 214.0 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 6.578 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017809.D

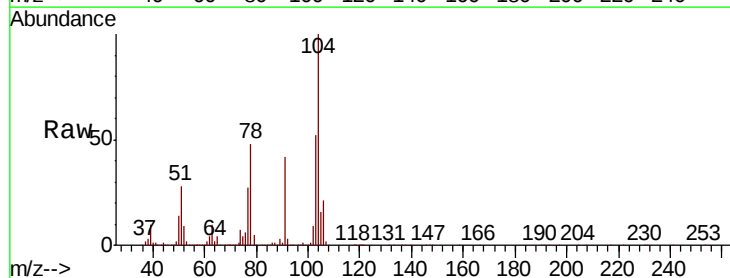
Acq: 06 Aug 2020 16:32

Tgt Ion:104 Resp: 446617

Ion Ratio Lower Upper

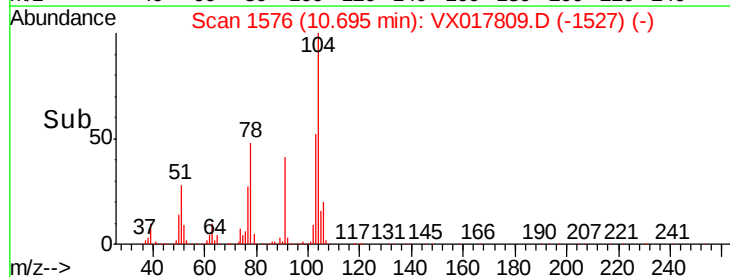
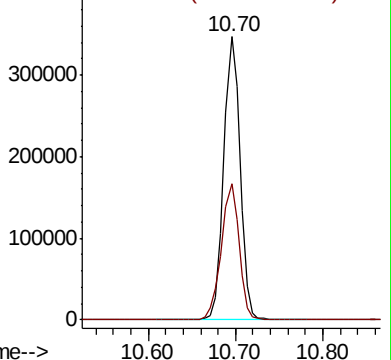
104 100

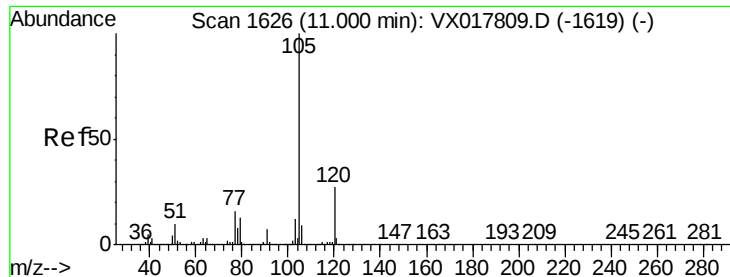
78 48.1 33.7 62.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 6.564 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

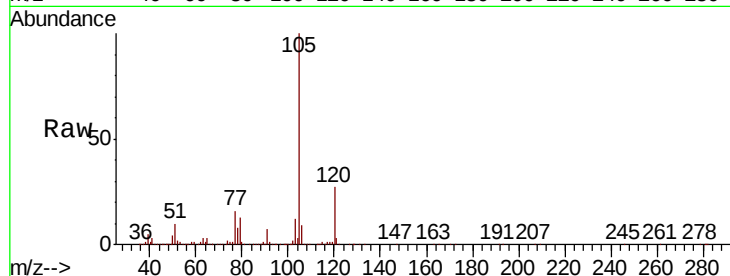
Tot Ion:105 Resp: 693613

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

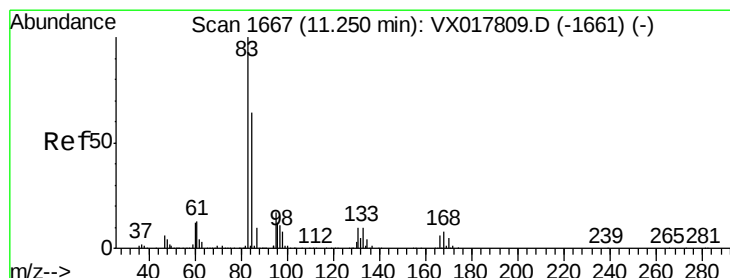
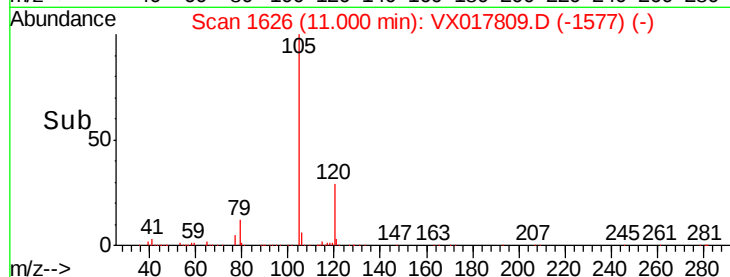
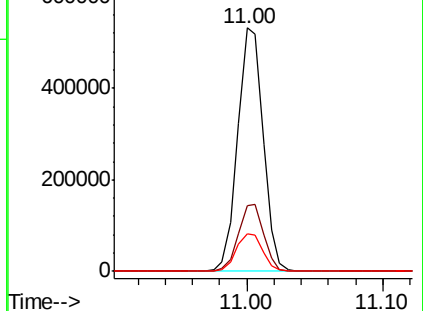
77 16.0 12.8 19.2



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: 6.268 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

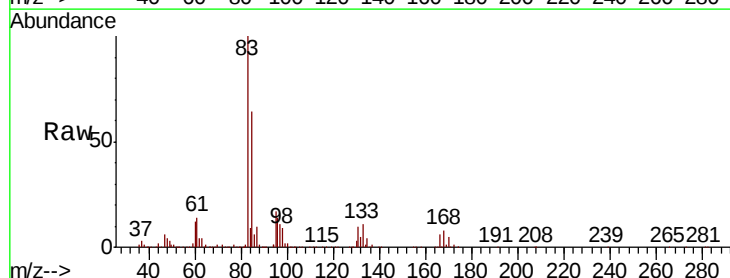
Tgt Ion: 83 Resp: 121703

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

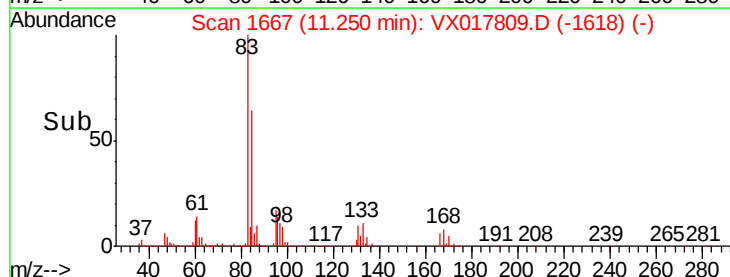
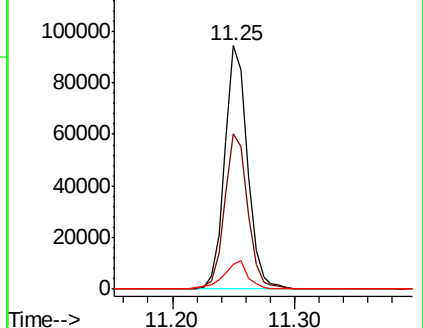
131 10.2 8.2 12.2

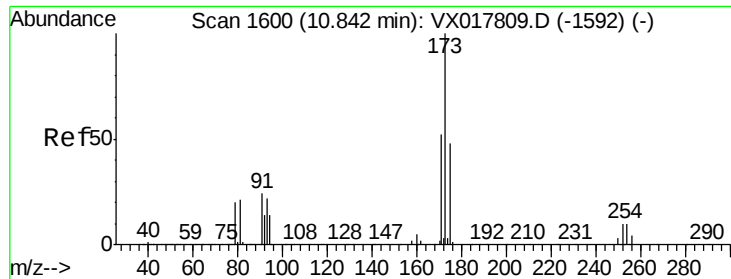


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 6.263 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

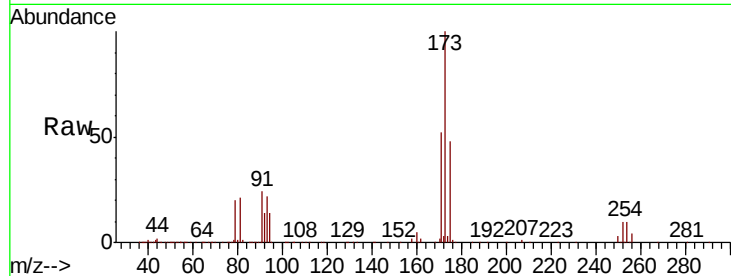
Tot Ion:173 Resp: 85716

Ion Ratio Lower Upper

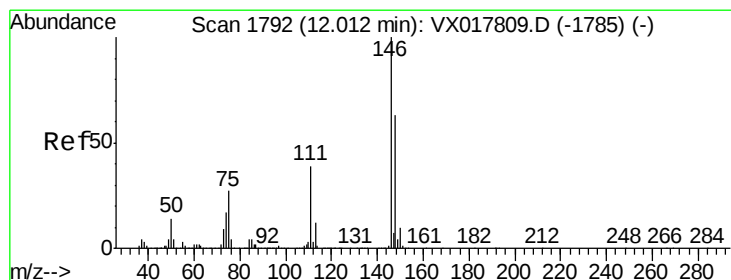
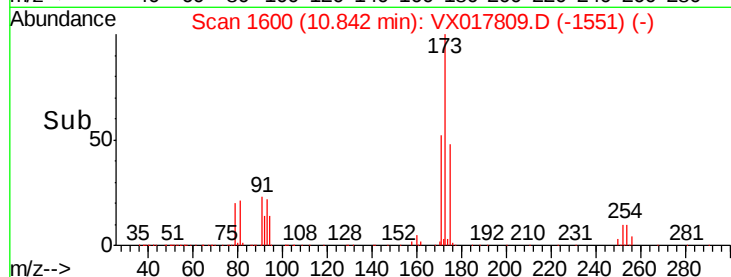
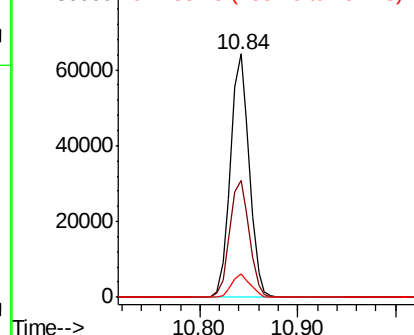
173 100

175 50.0 40.0 60.0

254 9.6 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: 6.241 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

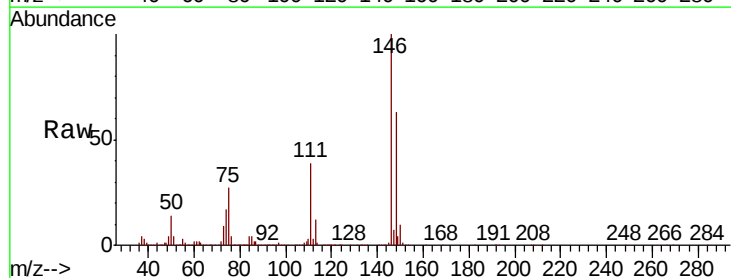
Tgt Ion:146 Resp: 346884

Ion Ratio Lower Upper

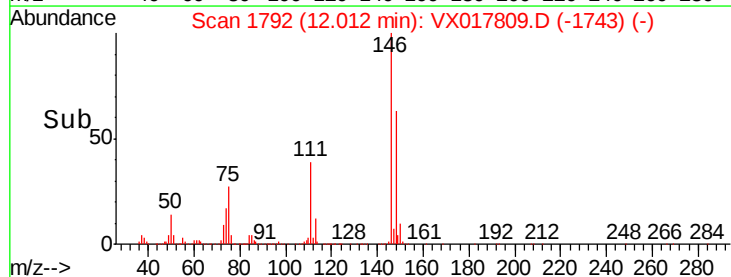
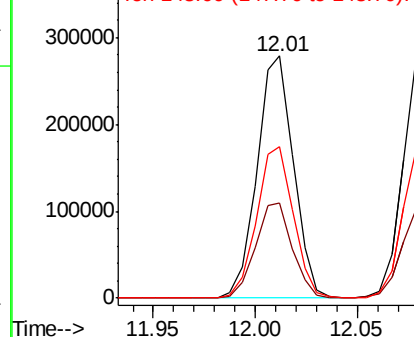
146 100

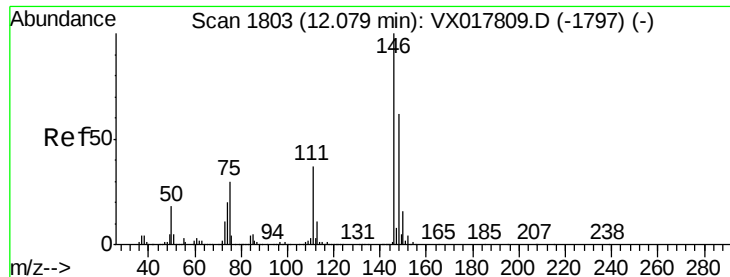
111 39.5 27.6 51.4

148 62.7 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

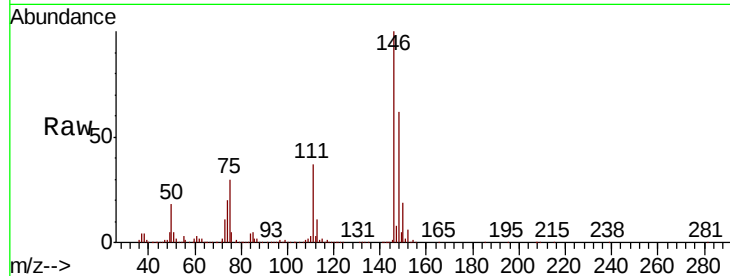




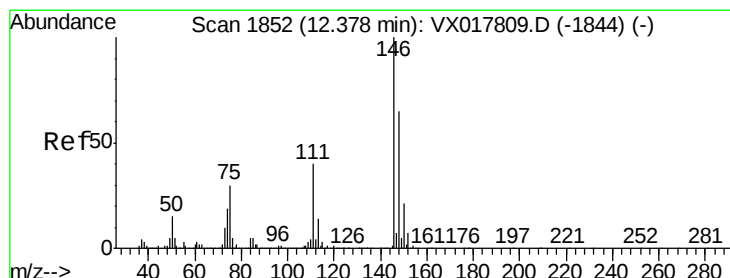
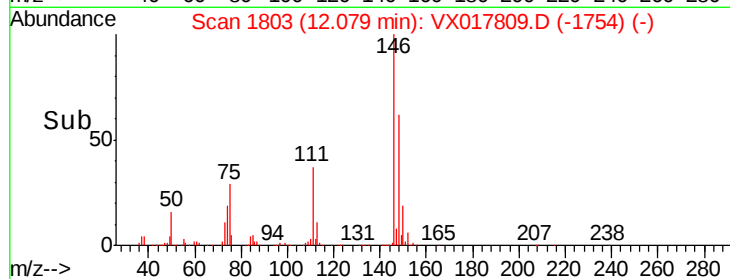
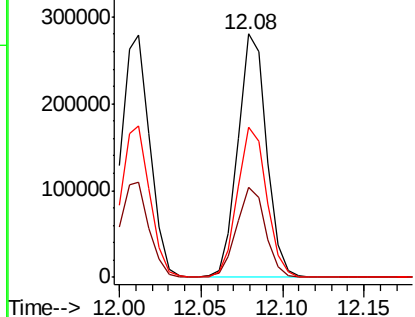
#64
 1,4-Dichlorobenzene
 Concen: 6.261 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.0	48.2
148	61.7	43.2	80.2

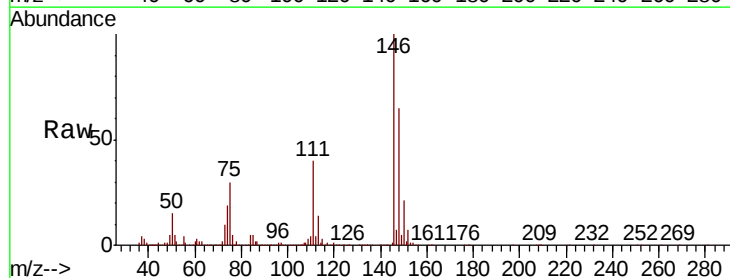


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

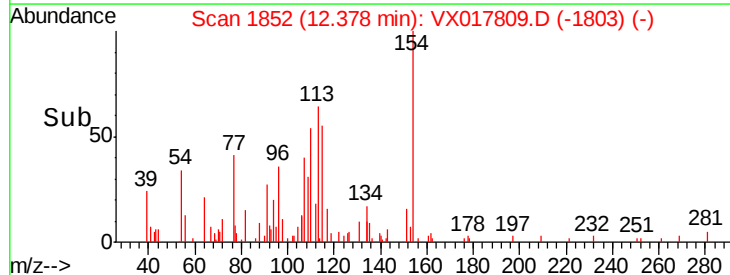
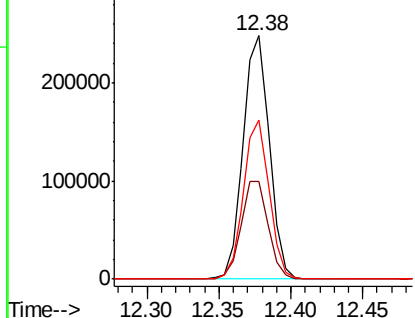


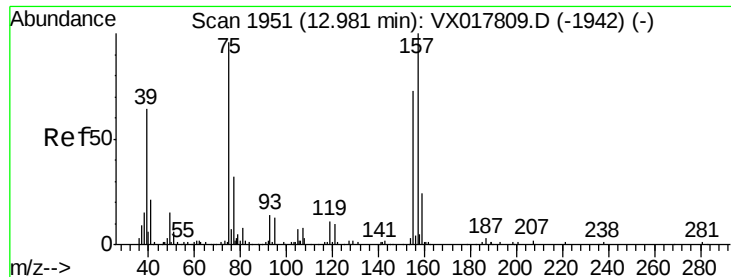
#66
 1,2-Dichlorobenzene
 Concen: 6.077 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	32.2	48.4
148	65.4	52.3	78.5



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





#67

1,2-Dibromo-3-chloropropane

Concen: 5.682 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampled :

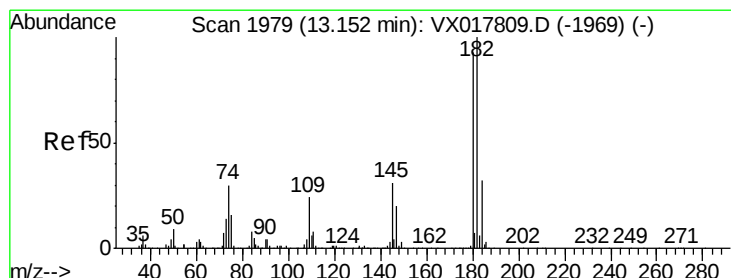
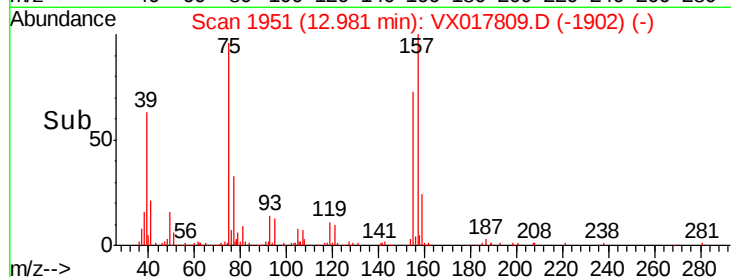
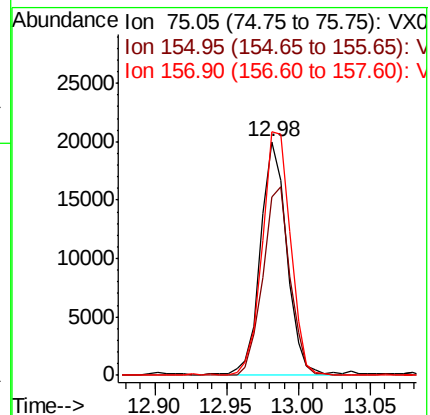
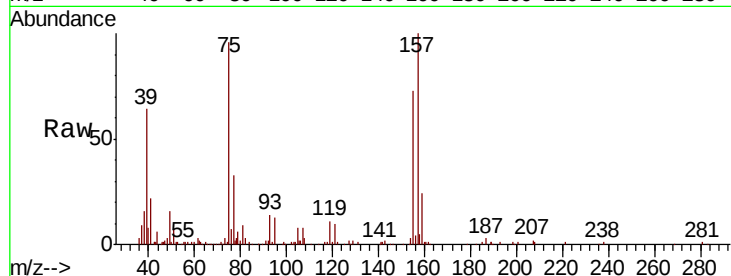
Tot Ion: 75 Resp: 25484

Ion Ratio Lower Upper

75 100

155 76.1 60.9 91.3

157 104.1 83.3 124.9



#68

1,3,5-Trichlorobenzene

Concen: 5.574 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX017809.D

Acq: 06 Aug 2020 16:32

Tgt Ion: 180 Resp: 250855

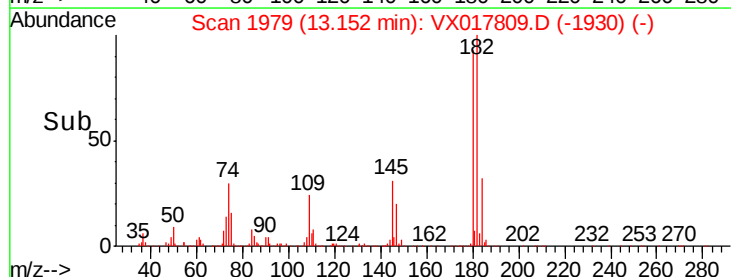
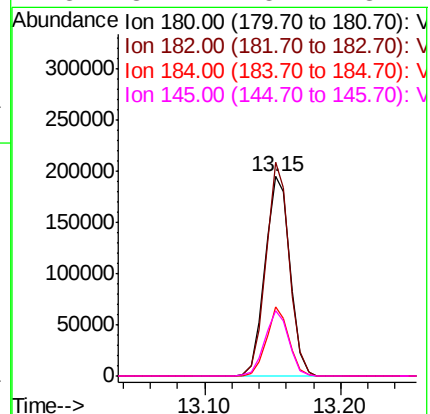
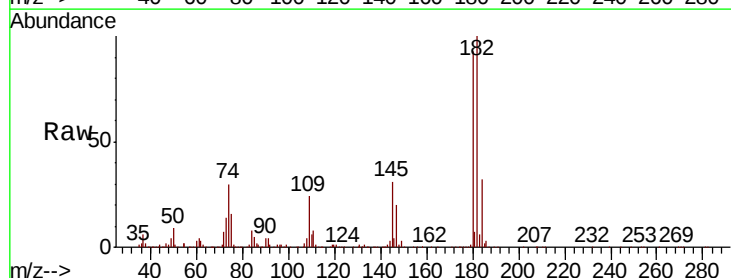
Ion Ratio Lower Upper

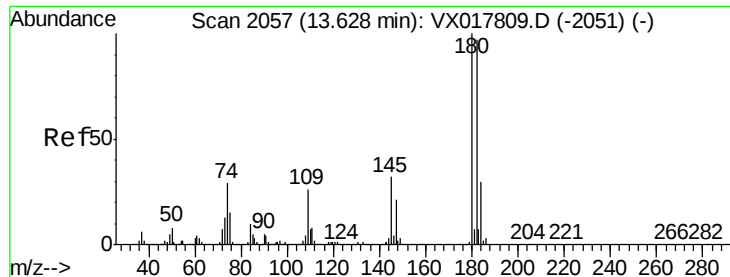
180 100

182 100.3 80.2 120.4

184 31.1 24.9 37.3

145 31.4 25.1 37.7

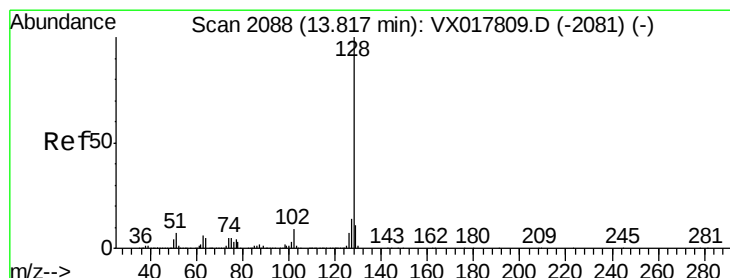
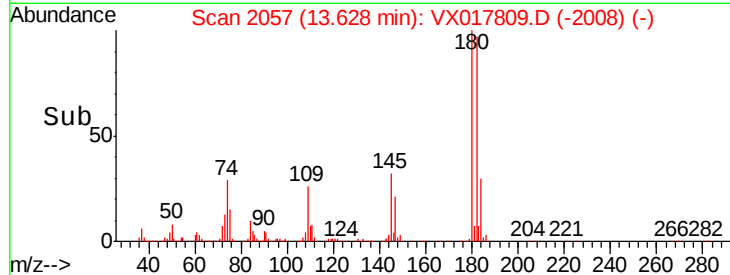
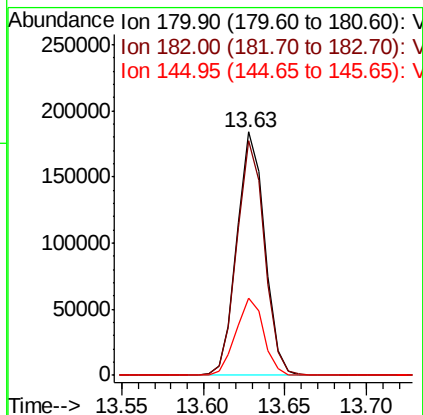
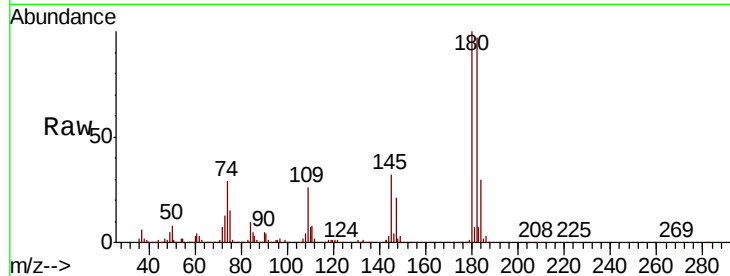




#69
 1,2,4-trichlorobenzene
 Concen: 6.396 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

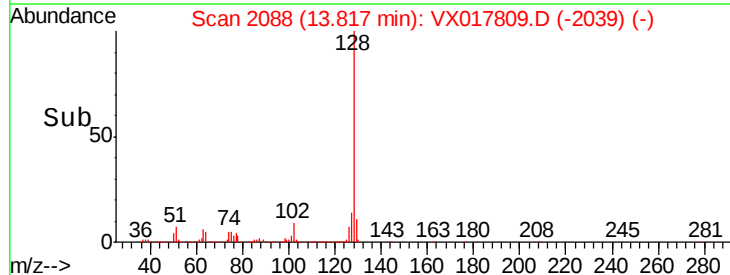
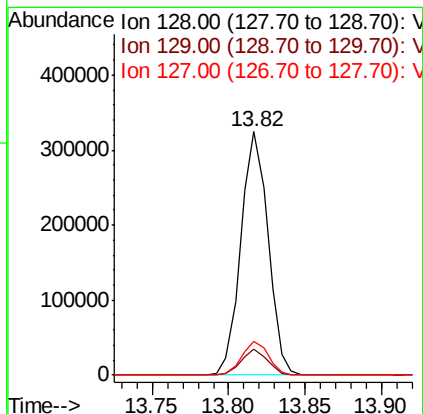
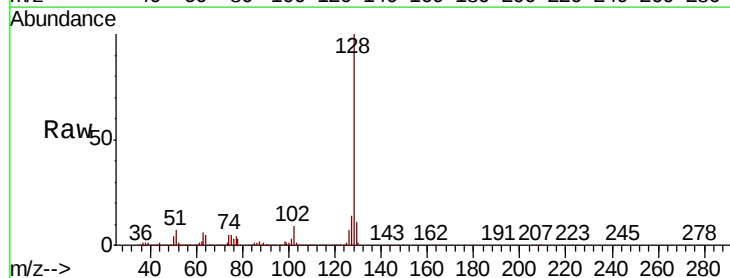
Instrument :
 MSVOA_X
 ClientSampleId :

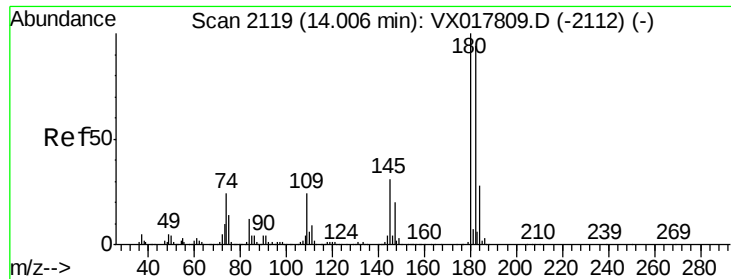
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	31.7	25.4	38.0



#70
 Naphthalene
 Concen: 6.667 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	13.7	11.0	16.4

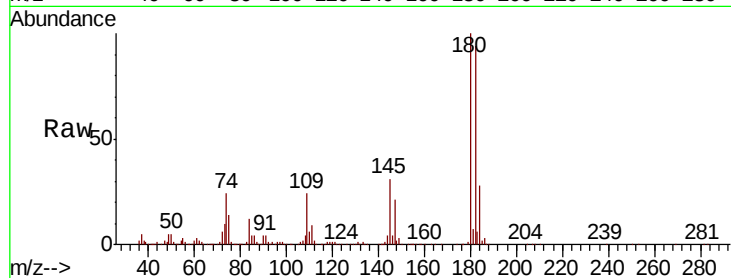




#71
 1,2,3-Trichlorobenzene
 Concen: 6.657 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX017809.D
 Acq: 06 Aug 2020 16:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	34.2	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

