

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017811.D
 Acq On : 06 Aug 2020 17:22
 Operator : JC/SP
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:02:50 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	323995	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	303752	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	177848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	473675	19.14	ug/L	0.00
7) Chloroethane-d5	1.68	69	365587	20.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	981982	20.54	ug/L	0.00
20) 2-Butanone-d5	4.53	46	1345220	275.04	ug/L	0.00
24) Chloroform-d	5.14	84	973438	22.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	520145	21.26	ug/L	0.00
32) Benzene-d6	6.05	84	1810072	23.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	566759	24.57	ug/L	0.00
41) Toluene-d8	8.70	98	1741373	23.44	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	249957	25.03	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	1128735	303.17	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	455847	25.71	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	712624	22.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	778296	21.689 ug/L	99
3) Chloromethane	1.31	50	642053	19.575 ug/L	100
5) Vinyl chloride	1.39	62	657110	21.027 ug/L	96
6) Bromomethane	1.62	94	357970	20.449 ug/L	95
8) Chloroethane	1.70	64	351721	20.345 ug/L	100
9) Trichlorofluoromethane	1.91	101	1034969	22.582 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	566561	22.504 ug/L	99
12) 1,1-Dichloroethene	2.35	96	518428	22.167 ug/L	94
13) Acetone	2.42	43	922009	239.432 ug/L	100
14) Carbon disulfide	2.54	76	1838064	23.145 ug/L	98
15) Methyl Acetate	2.75	43	246240	21.820 ug/L	97
16) Methylene chloride	2.83	84	567793	17.719 ug/L	97
17) Methyl tert-butyl Ether	3.17	73	1452112	25.666 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	581960	23.285 ug/L	100
19) 1,1-Dichloroethane	3.67	63	1054152	23.752 ug/L	99
21) 2-Butanone	4.64	43	1639149	263.497 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	636084	25.681 ug/L	# 100
23) Bromochloromethane	4.98	128	294481	24.486 ug/L	94
25) Chloroform	5.18	83	1108636	23.703 ug/L	97
27) 1,2-Dichloroethane	6.17	62	732415	24.399 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	1056547	24.703 ug/L	100
30) Cyclohexane	5.54	56	979531	28.300 ug/L	99
31) Carbon tetrachloride	5.75	117	1001465	25.945 ug/L	99
33) Benzene	6.11	78	2355255	25.236 ug/L	100
34) Trichloroethene	7.19	95	663447	25.852 ug/L	94
35) Methylcyclohexane	7.44	83	1030867	29.526 ug/L	99
37) 1,2-Dichloropropane	7.49	63	588854	25.433 ug/L	99
38) Bromodichloromethane	7.88	83	820969	25.637 ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	938765	27.331 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	4072636	290.971 ug/L	100

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

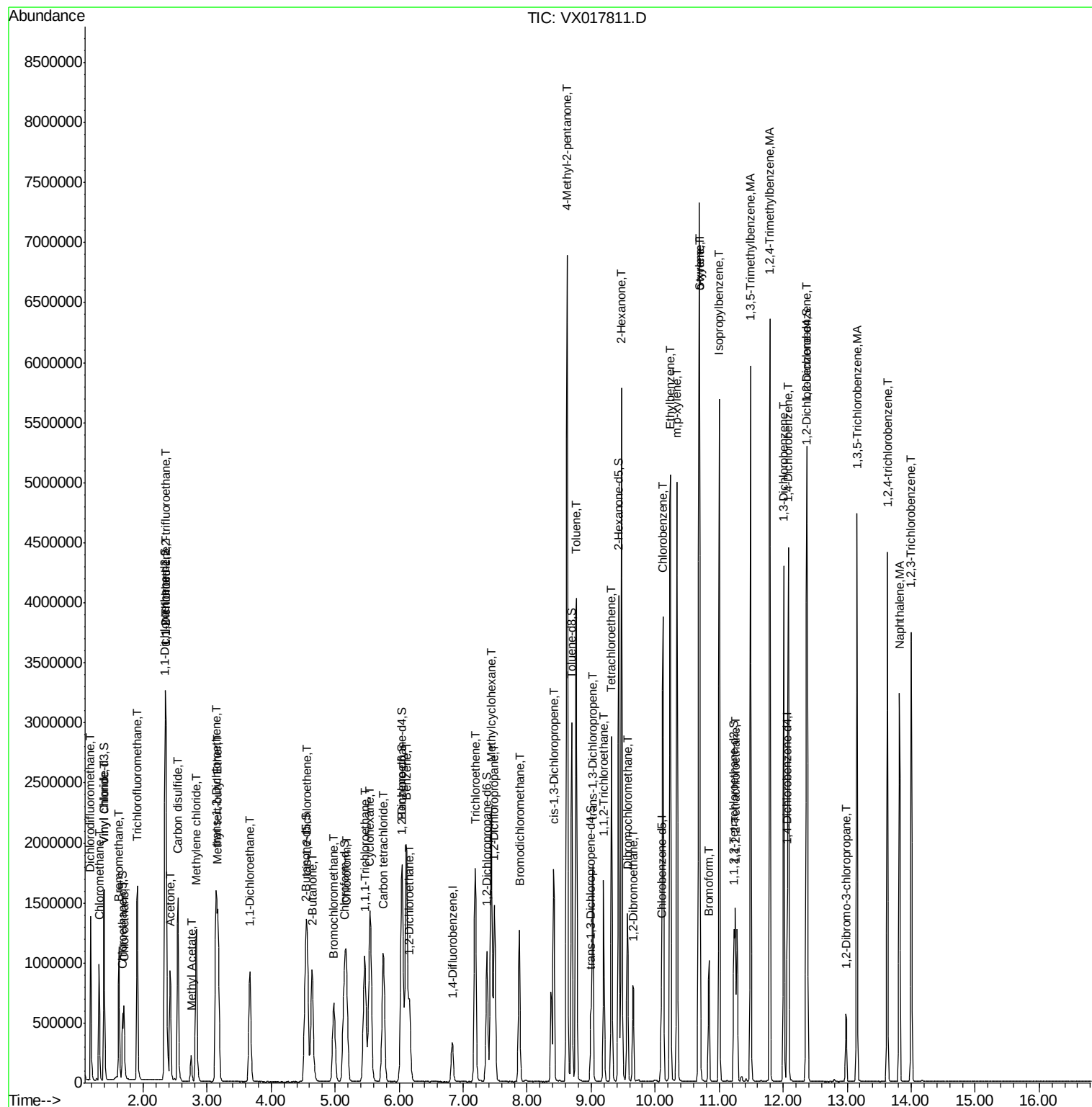
42) Toluene	8.77	91	2588890	27.094	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	2590004	29.049	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	2672525	29.842	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	842601	28.054	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	440035	26.590	ug/L	97
49) Tetrachloroethene	9.32	164	556964	26.630	ug/L	98
50) 2-Hexanone	9.48	43	2981720	290.983	ug/L	99
51) Dibromochloromethane	9.57	129	605834	26.514	ug/L	97
52) 1,2-Dibromoethane	9.65	107	432223	26.264	ug/L #	99
53) Chlorobenzene	10.12	112	1658601	25.825	ug/L	98
54) Ethylbenzene	10.24	91	2927883	28.464	ug/L	100
55) m,p-xylene	10.34	106	1125409	27.460	ug/L	92
56) o-xylene	10.68	106	1088545	27.252	ug/L	100
57) Styrene	10.69	104	1842758	27.734	ug/L	100
58) Isopropylbenzene	11.00	105	2958643	28.613	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	518801	27.302	ug/L	100
62) Bromoform	10.84	173	369102	24.771	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	1430473	23.638	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	1424092	23.842	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	1323176	23.663	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	115951	23.745	ug/L	97
68) 1,3,5-Trichlorobenzene	13.15	180	1118792	22.835	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	1021053	27.359	ug/L	99
70) Naphthalene	13.82	128	1967062	30.058	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	940057	27.129	ug/L	99

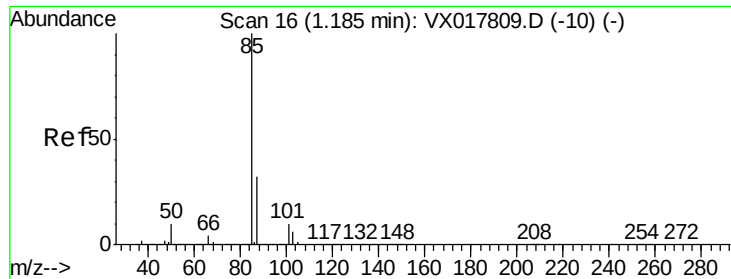
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 21.689 ug/L

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

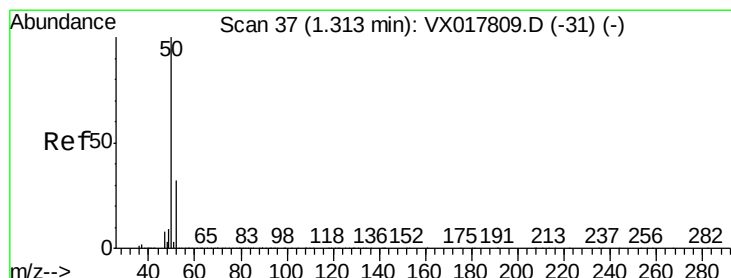
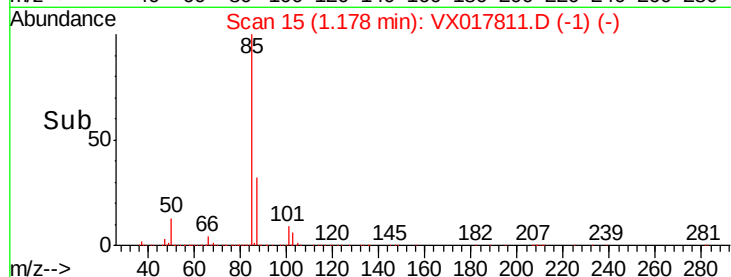
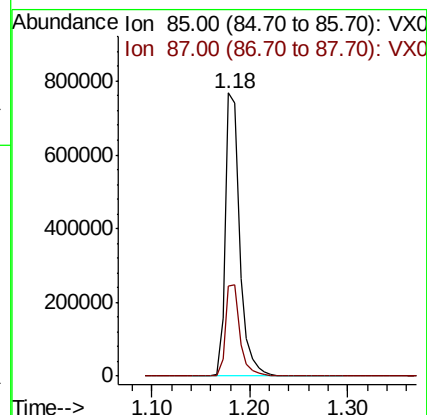
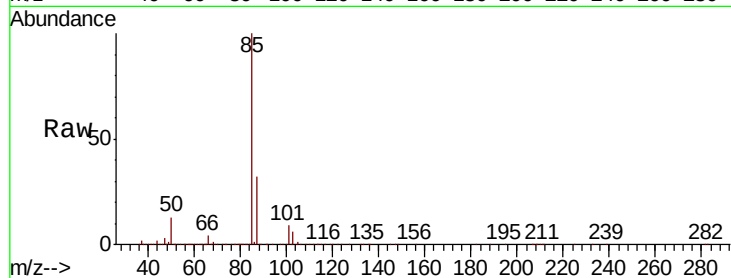
ClientSampleId :

Tot Ion: 85 Resp: 778296

Ion Ratio Lower Upper

85 100

87 32.3 25.2 37.8



#3

Chloromethane

Concen: 19.575 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017811.D

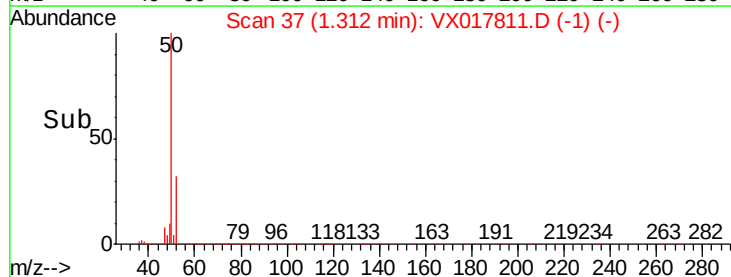
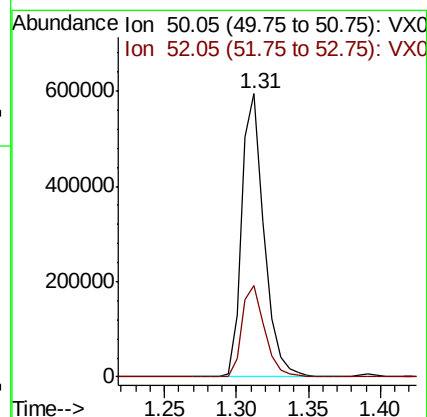
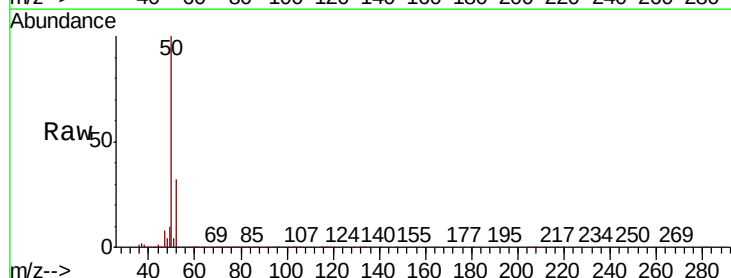
Acq: 06 Aug 2020 17:22

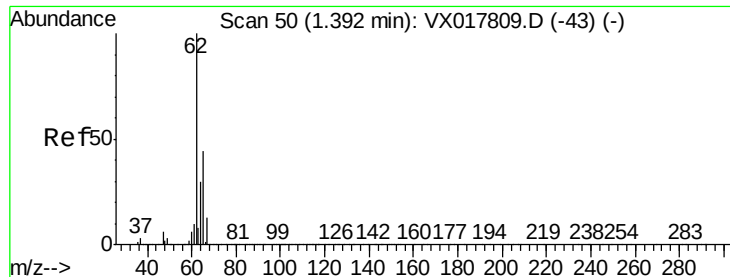
Tgt Ion: 50 Resp: 642053

Ion Ratio Lower Upper

50 100

52 32.2 22.5 41.9





#5

Vinyl chloride

Concen: 21.027 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

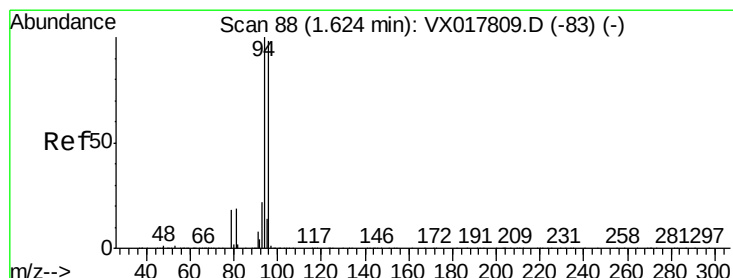
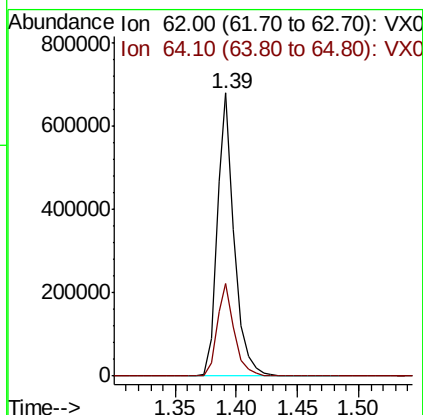
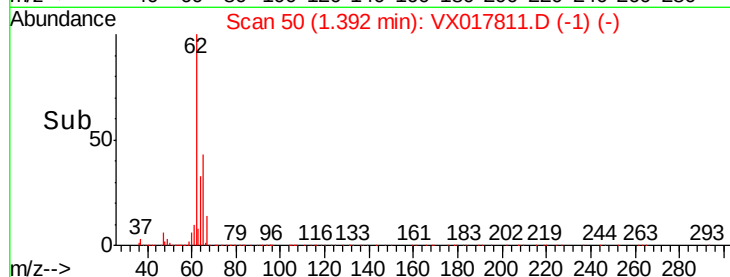
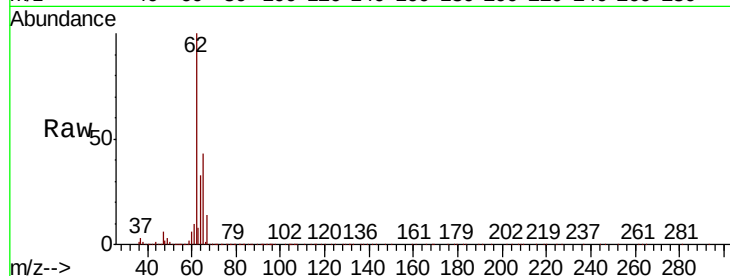
ClientSampleId :

Tot Ion: 62 Resp: 657110

Ion Ratio Lower Upper

62 100

64 32.9 21.3 39.6



#6

Bromomethane

Concen: 20.449 ug/L

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX017811.D

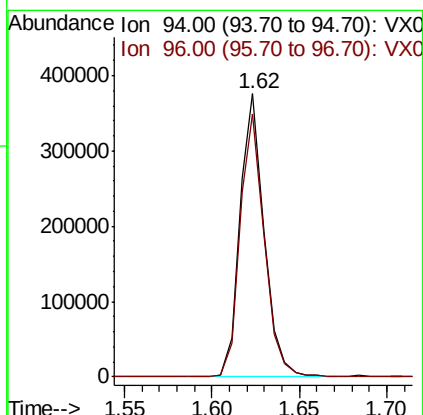
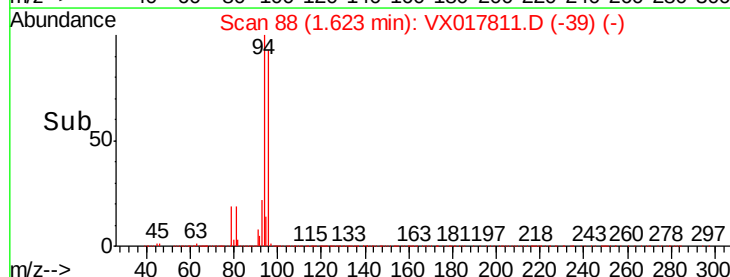
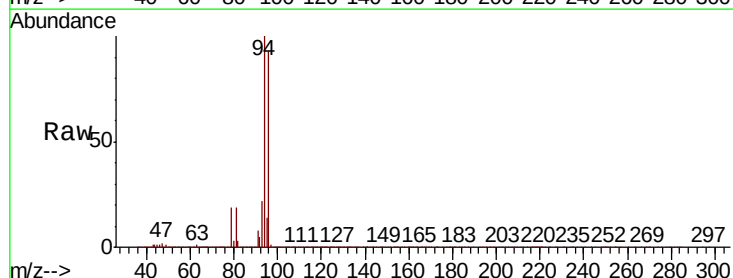
Acq: 06 Aug 2020 17:22

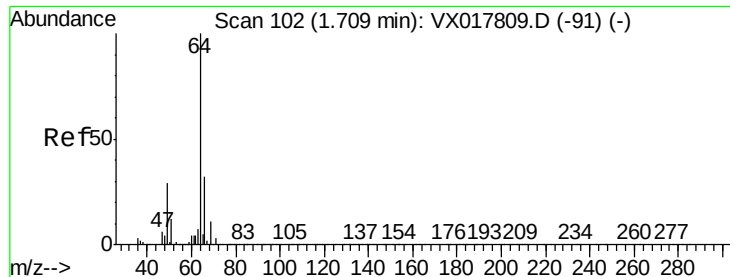
Tgt Ion: 94 Resp: 357970

Ion Ratio Lower Upper

94 100

96 93.1 68.5 127.1





#8

Chloroethane

Concen: 20.345 ug/L

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

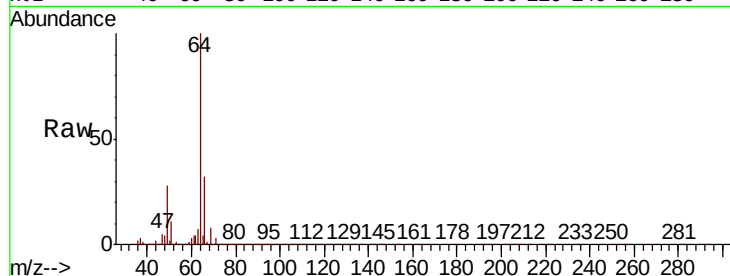
ClientSampleId :

Tot Ion: 64 Resp: 351721

Ion Ratio Lower Upper

64 100

66 32.1 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.70

300000

250000

200000

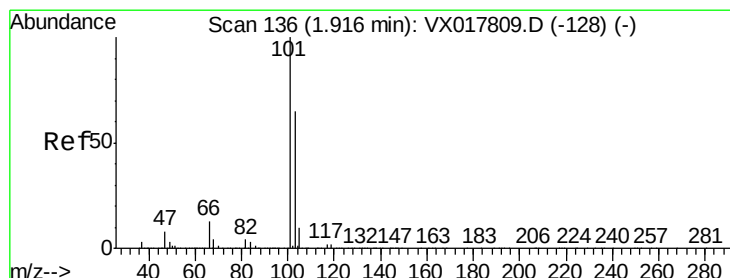
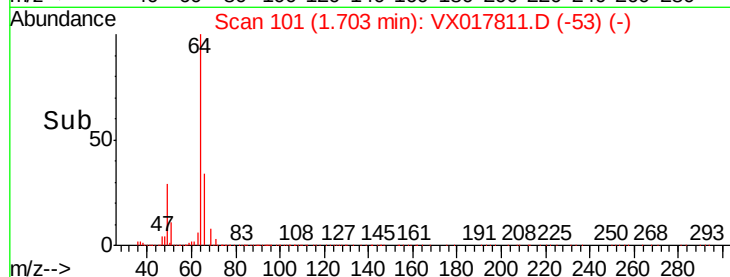
150000

100000

50000

0

Time--> 1.60 1.70 1.80



#9

Trichlorofluoromethane

Concen: 22.582 ug/L

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX017811.D

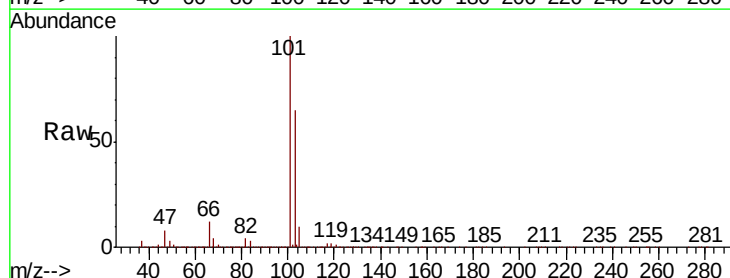
Acq: 06 Aug 2020 17:22

Tgt Ion: 101 Resp: 1034969

Ion Ratio Lower Upper

101 100

103 64.4 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.91

800000

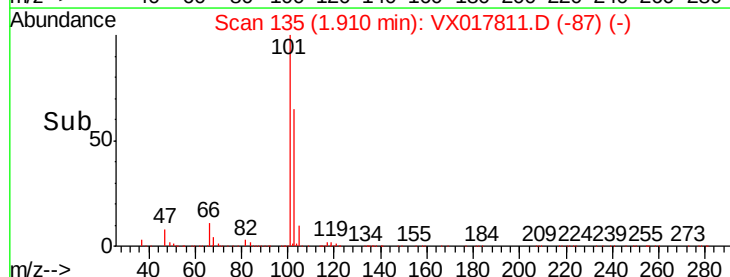
600000

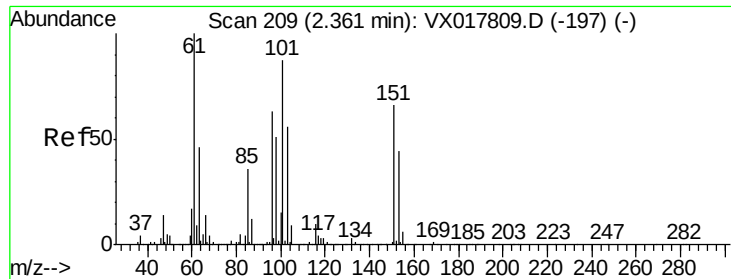
400000

200000

0

Time--> 1.80 1.90 2.00 2.10





#10

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

Concen: 22.504 ug/L

RT: 2.35 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

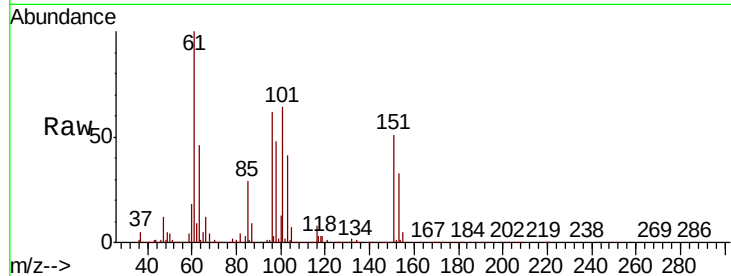
Tot Ion:101 Resp: 566561

Ion Ratio Lower Upper

101 100

85 44.4 34.3 51.5

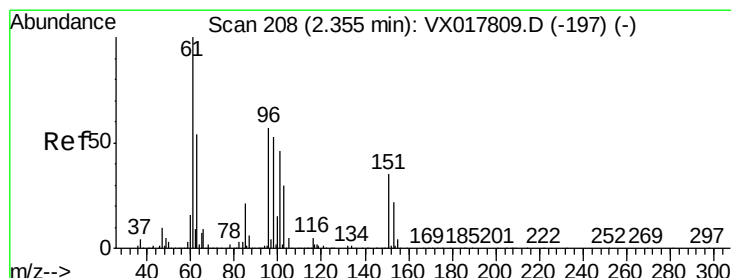
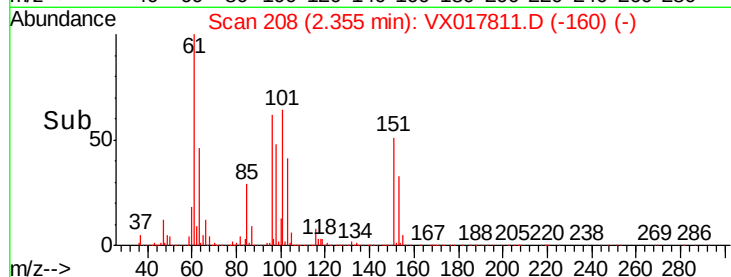
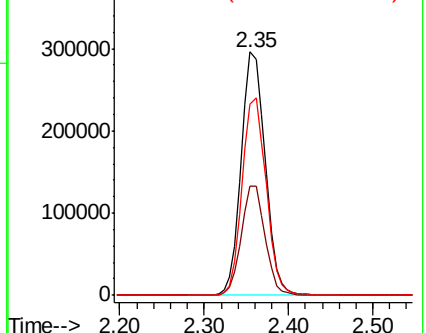
151 81.0 64.8 97.2



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: 22.167 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

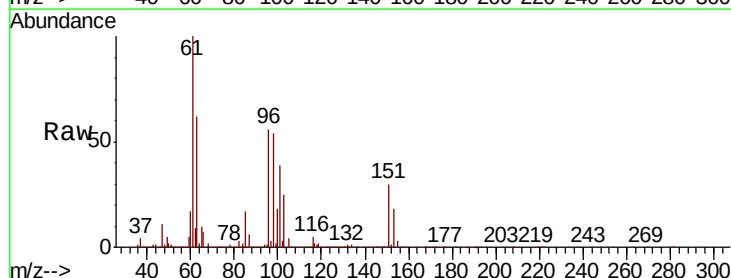
Tgt Ion: 96 Resp: 518428

Ion Ratio Lower Upper

96 100

61 178.5 123.5 229.3

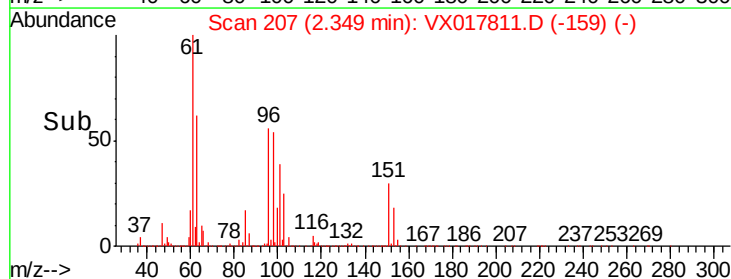
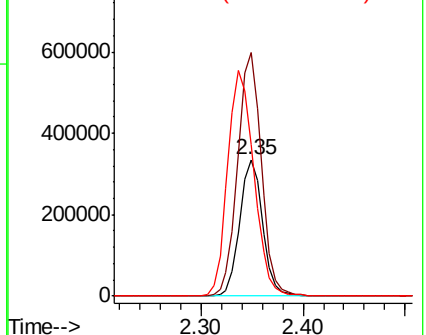
63 110.8 67.0 124.4

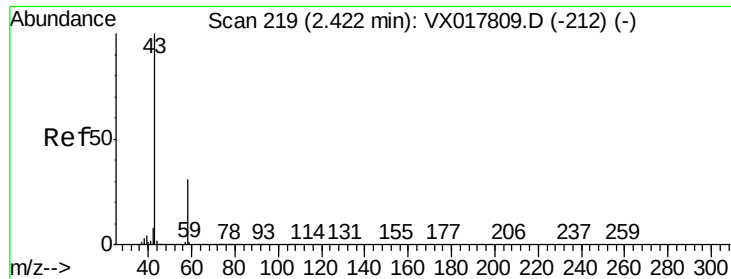


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 239.432 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017811.D

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Instrument :

MSVOA_X

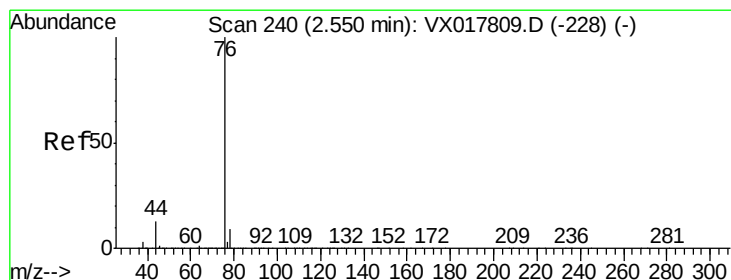
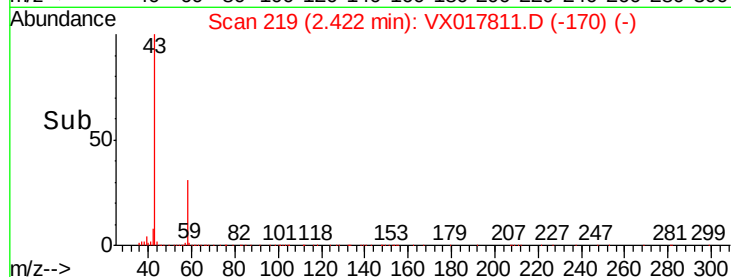
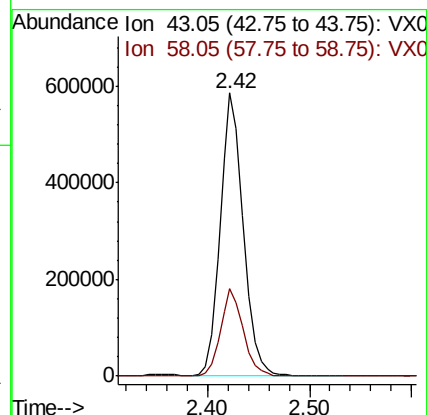
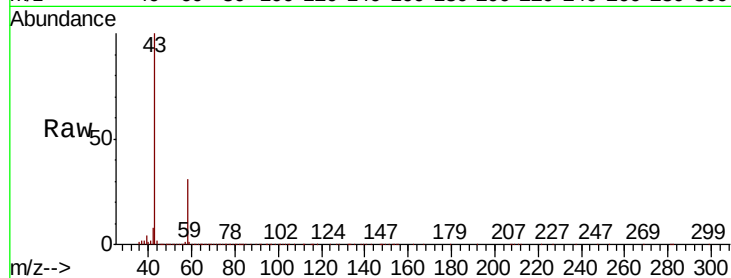
ClientSampleId :

Tot Ion: 43 Resp: 922009

Ion Ratio Lower Upper

43 100

58 30.3 0.0 60.8



#14

Carbon disulfide

Concen: 23.145 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017811.D

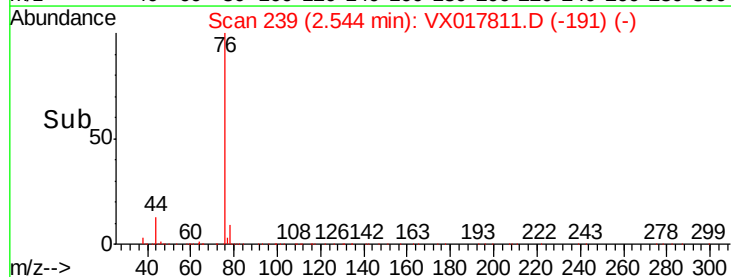
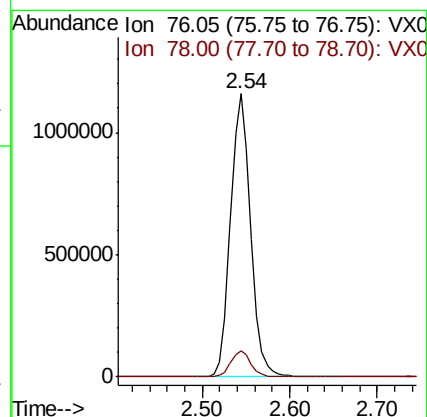
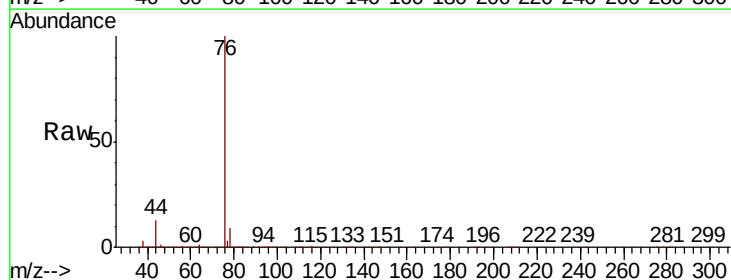
Acq: 06 Aug 2020 17:22

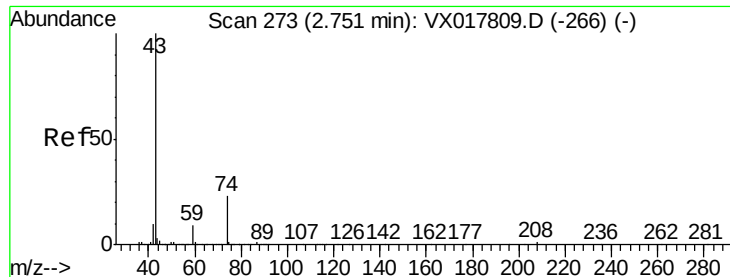
Tgt Ion: 76 Resp: 1838064

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

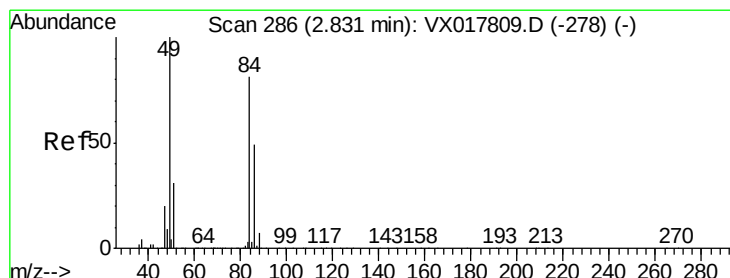
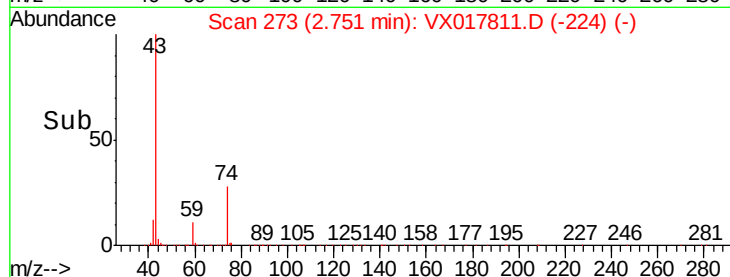
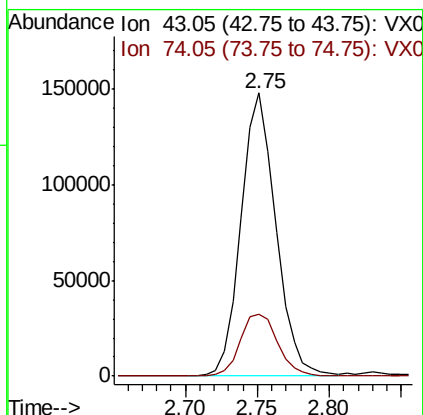
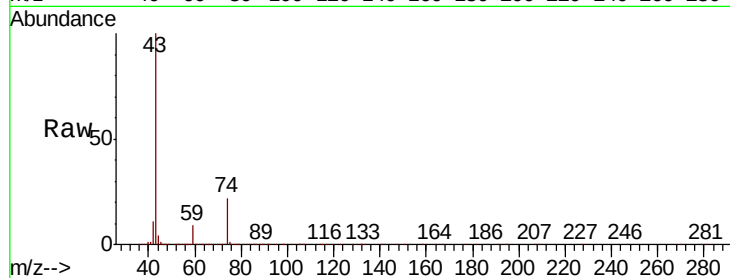




#15
Methvl Acetate
Concen: 21.820 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

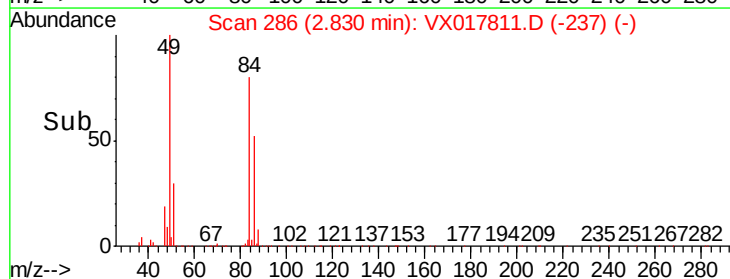
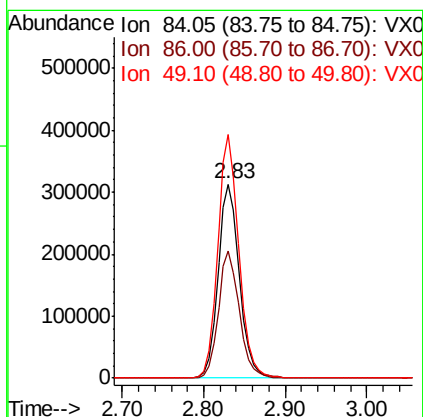
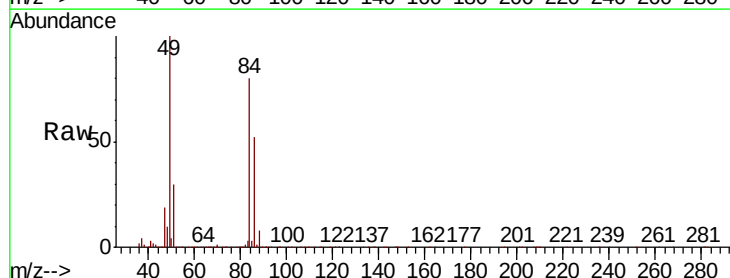
Instrument :
MSVOA_X
ClientSampleId :

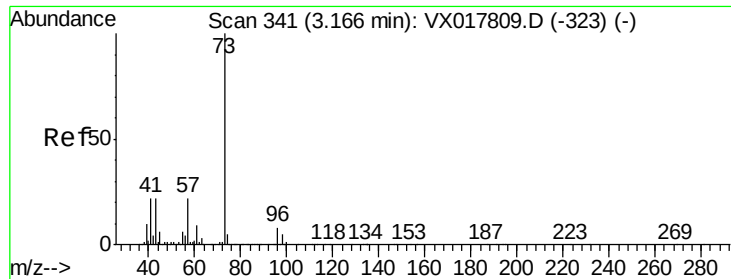
Tot Ion: 43 Resp: 246240
Ion Ratio Lower Upper
43 100
74 24.0 20.4 30.6



#16
Methylene chloride
Concen: 17.719 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Tgt Ion: 84 Resp: 567793
Ion Ratio Lower Upper
84 100
86 65.8 43.0 80.0
49 125.6 86.9 161.3



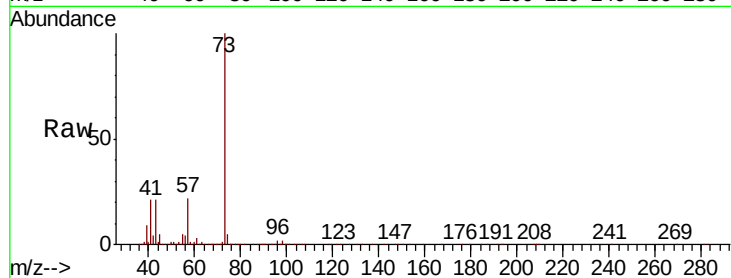


#17
Methyl tert-butyl Ether
Concen: 25.666 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

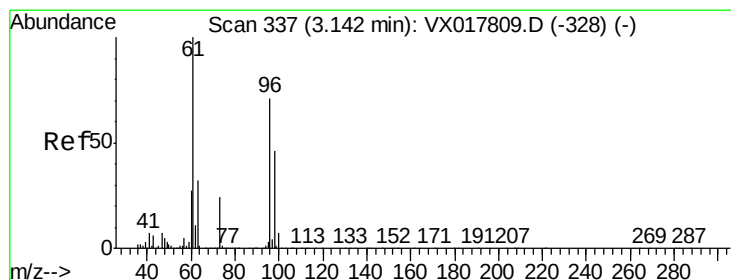
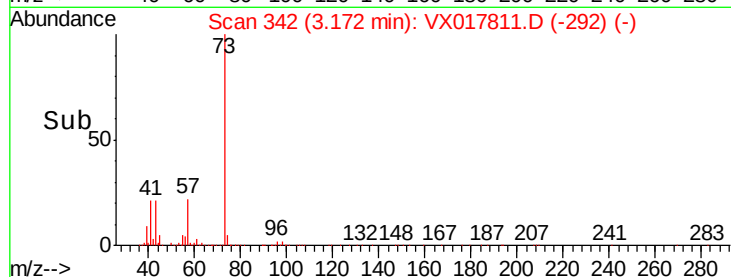
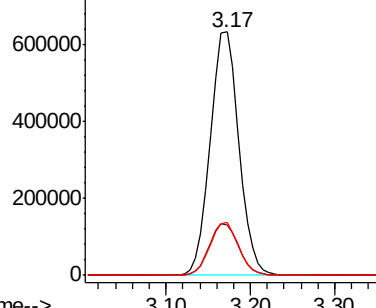
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 1452112

Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.7	26.5
57	22.0	17.0	25.6



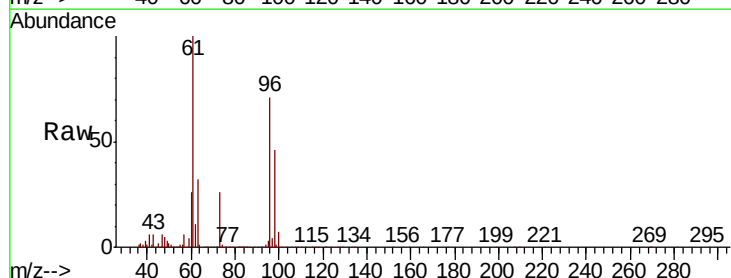
Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0



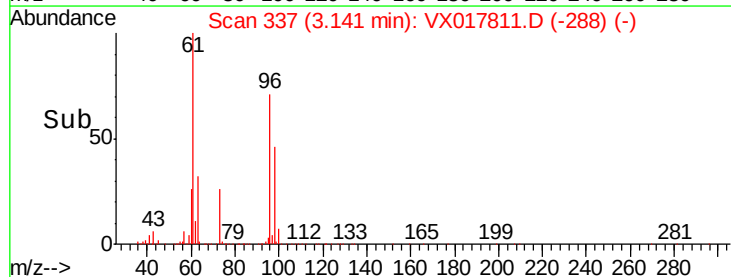
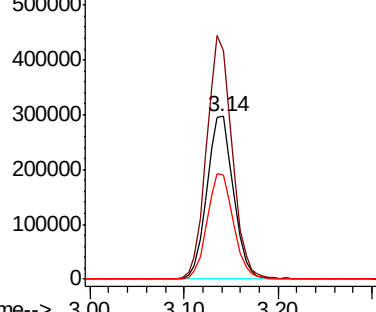
#18
trans-1,2-Dichloroethene
Concen: 23.285 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

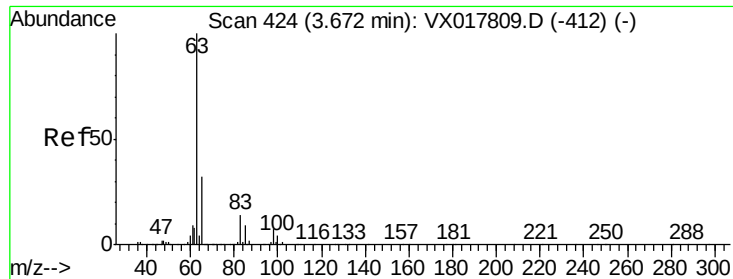
Tgt Ion: 96 Resp: 581960

Ion	Ratio	Lower	Upper
96	100		
61	140.3	98.4	182.8
98	63.9	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



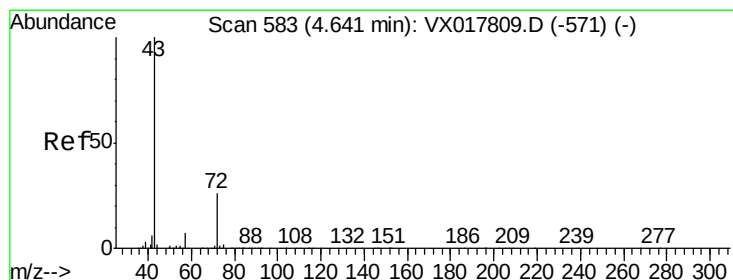
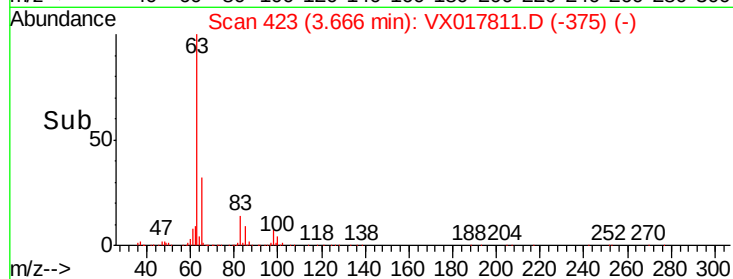
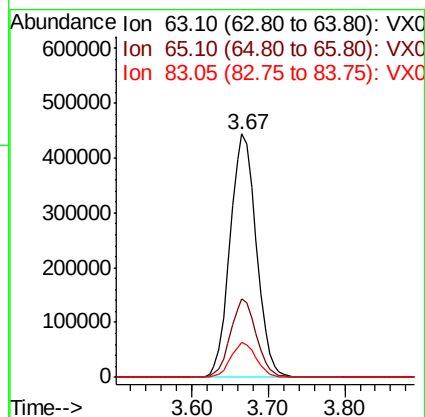
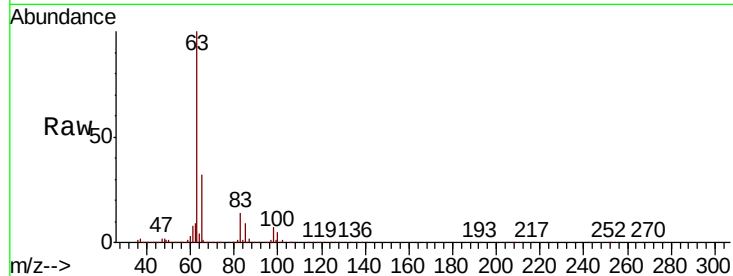


#19
 1,1-Dichloroethane
 Concen: 23.752 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 1054152

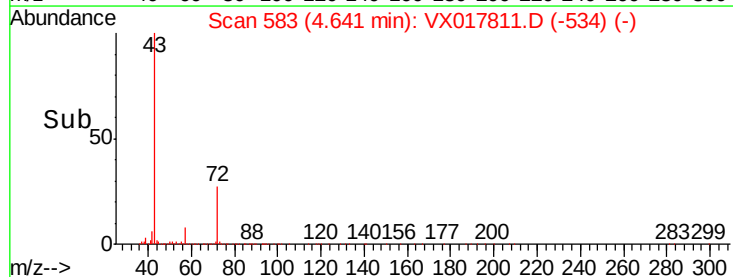
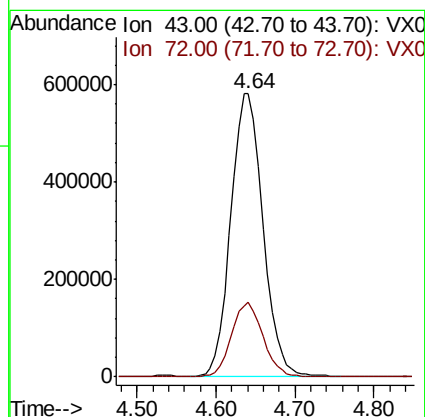
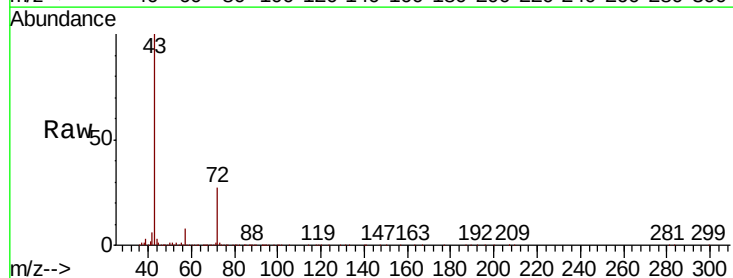
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.6	42.0
83	14.3	9.5	17.7

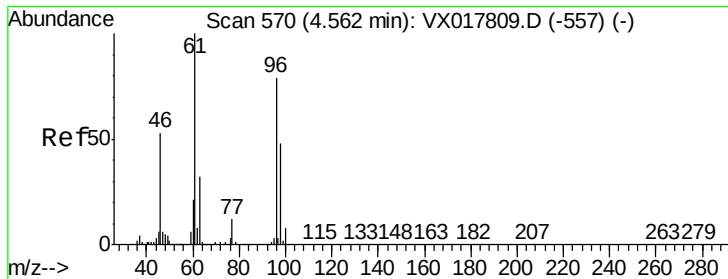


#21
 2-Butanone
 Concen: 263.497 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion: 43 Resp: 1639149

Ion	Ratio	Lower	Upper
43	100		
72	25.9	13.2	39.6



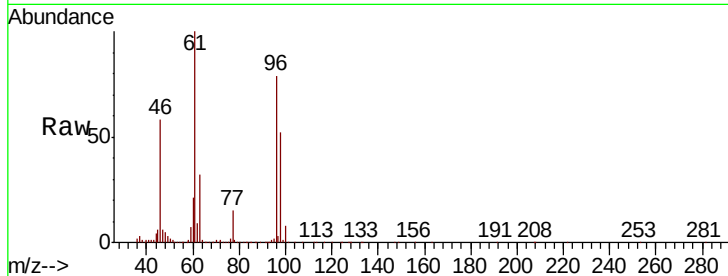


#22

cis-1,2-Dichloroethene
 Concen: 25.681 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	88.8	165.0
68	0.1	0.2	0.4

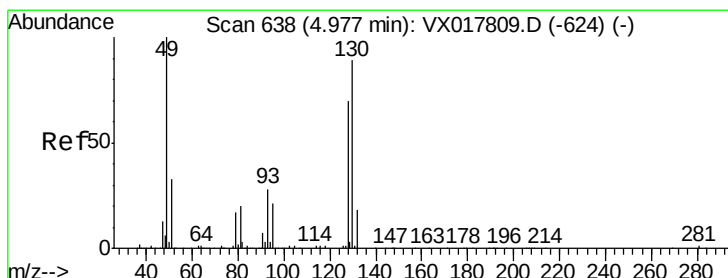
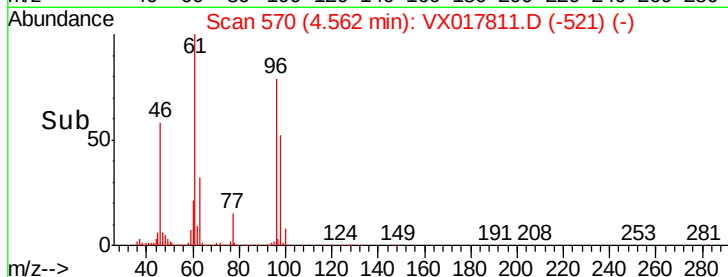
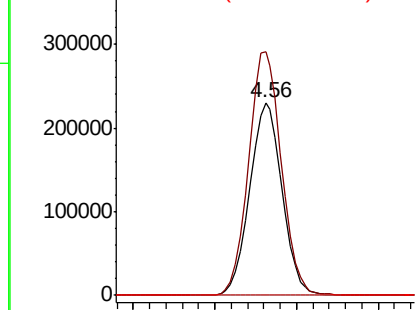


Abundance

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: 24.486 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
128	100		
49	149.3	100.2	186.0
130	117.3	89.1	165.5
51	47.3	37.2	55.8

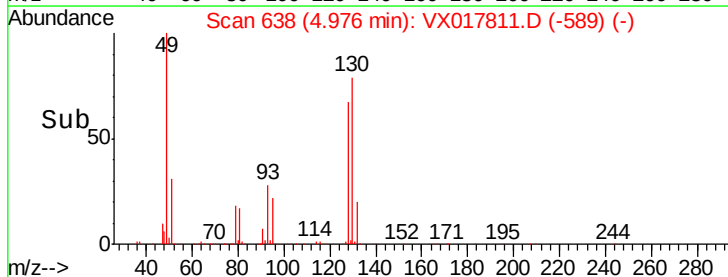
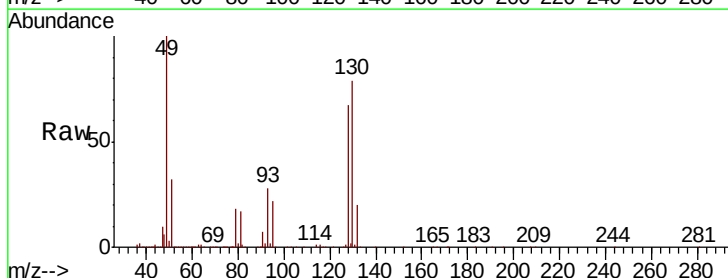
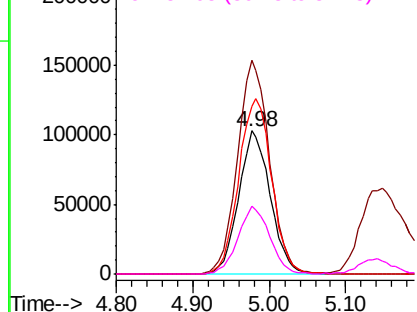
Abundance

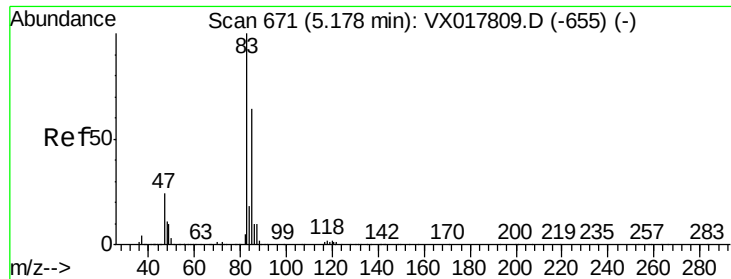
Ion 127.90 (127.60 to 128.60): V

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

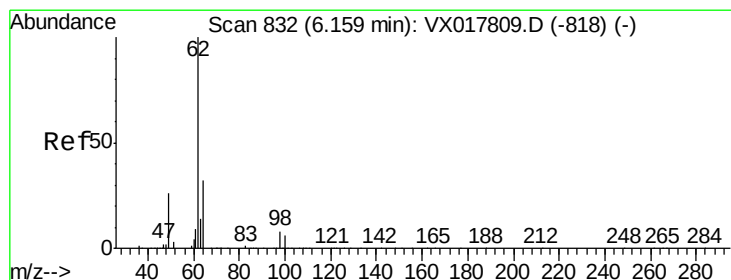
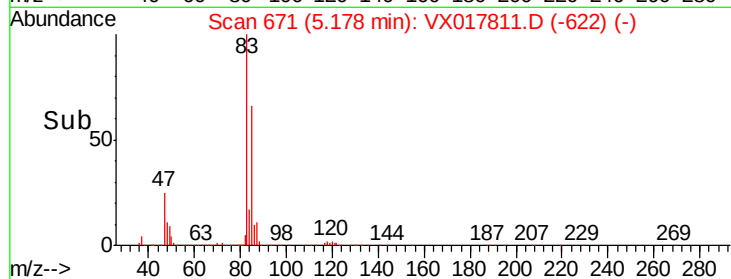
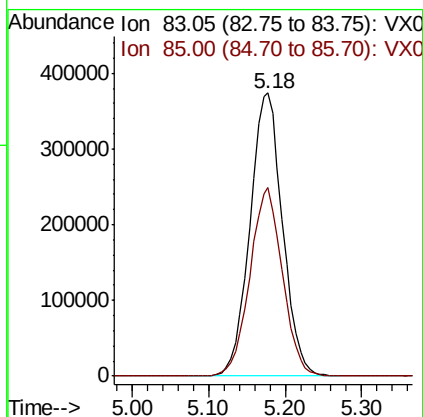
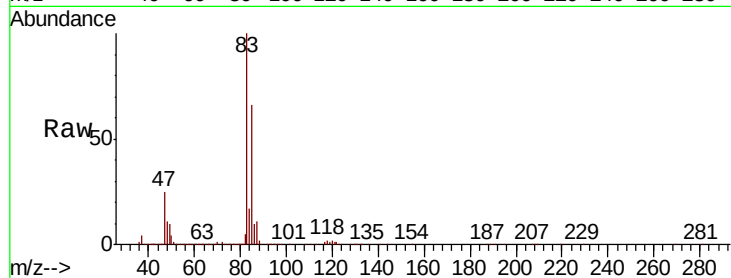




#25
Chloroform
Concen: 23.703 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

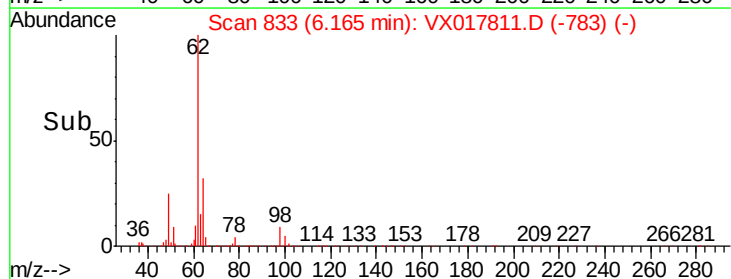
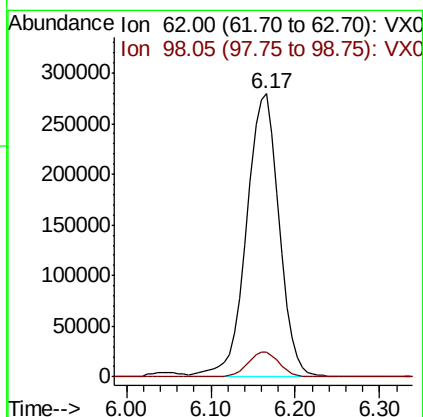
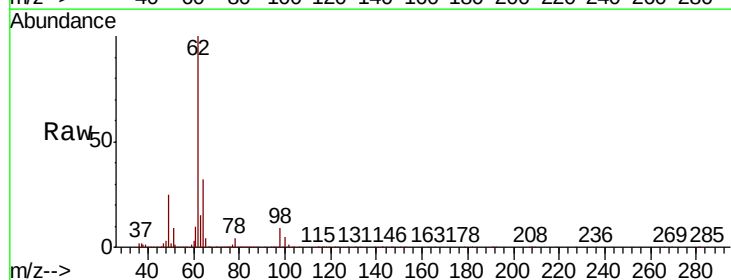
Instrument :
MSVOA_X
ClientSampleId :

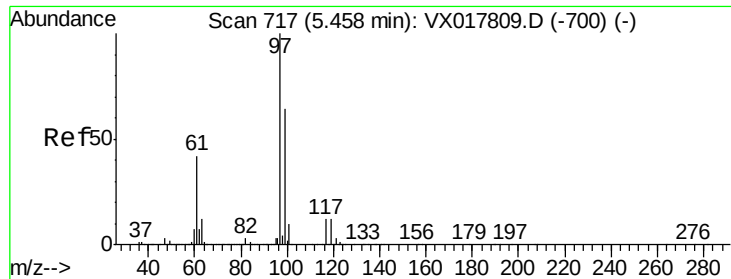
Tot Ion: 83 Resp: 1108636
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 24.399 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Tgt Ion: 62 Resp: 732415
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1



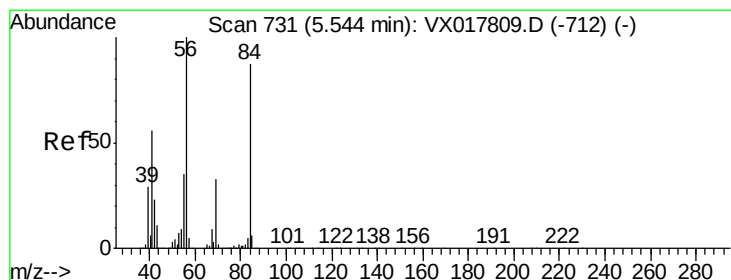
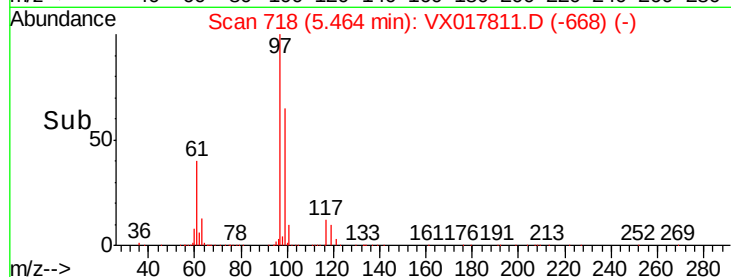
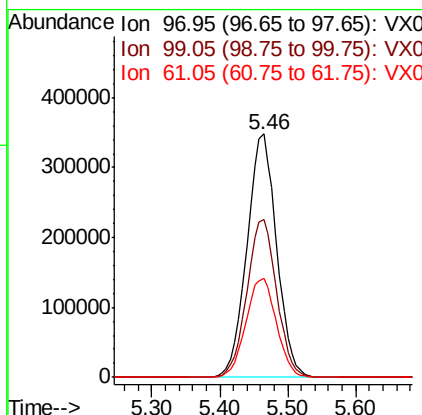
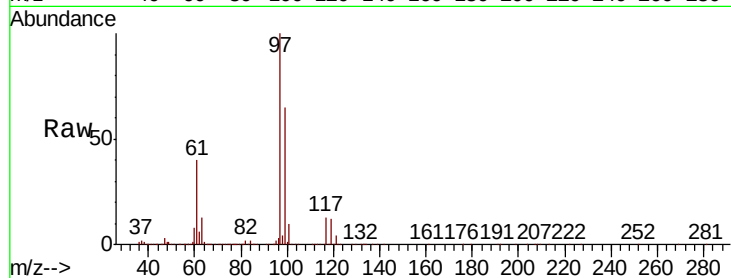


#29
 1,1,1-Trichloroethane
 Concen: 24.703 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 1056547

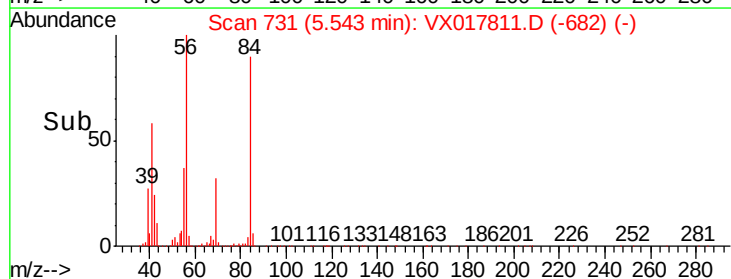
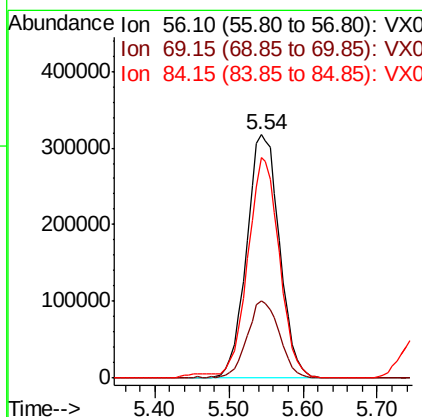
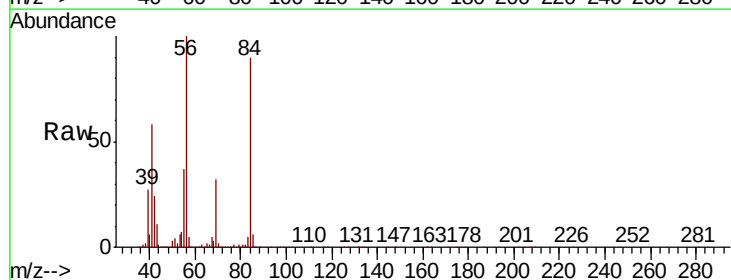
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	42.2	33.8	50.6

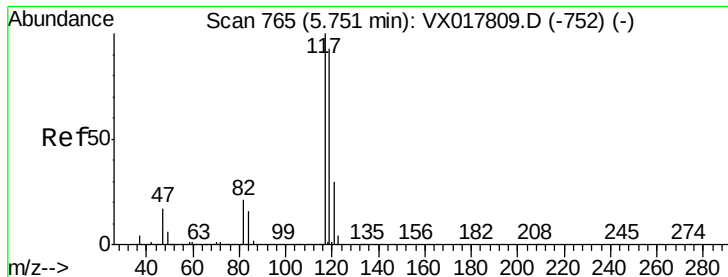


#30
 Cyclohexane
 Concen: 28.300 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion: 56 Resp: 979531

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.1	37.7
84	87.0	70.7	106.1



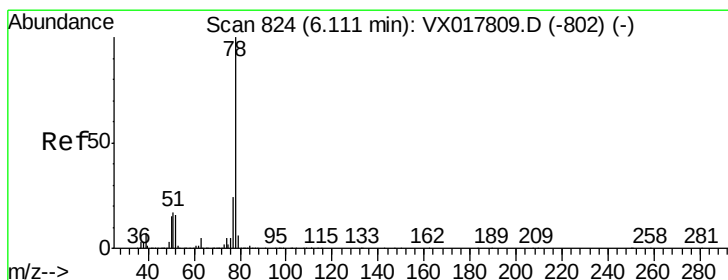
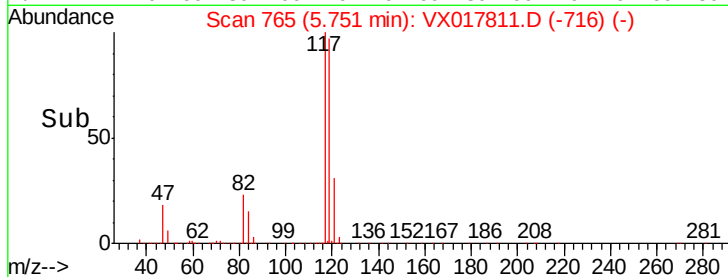
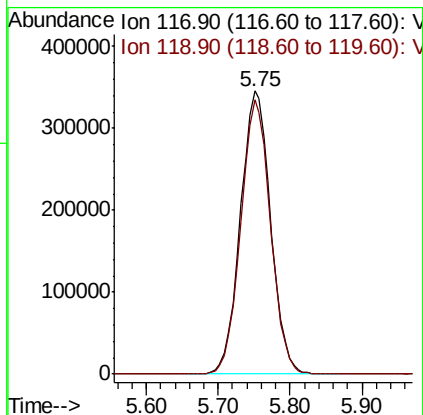
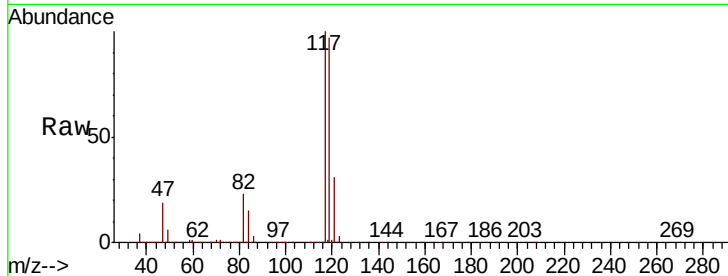


#31

Carbon tetrachloride
Concen: 25.945 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :

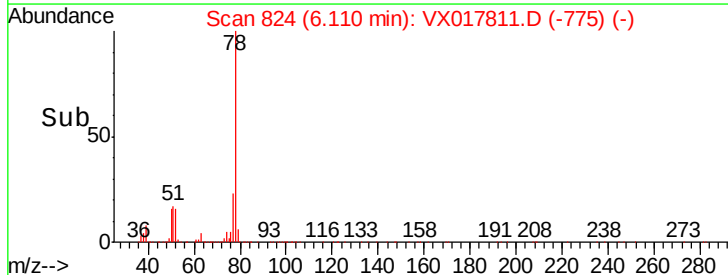
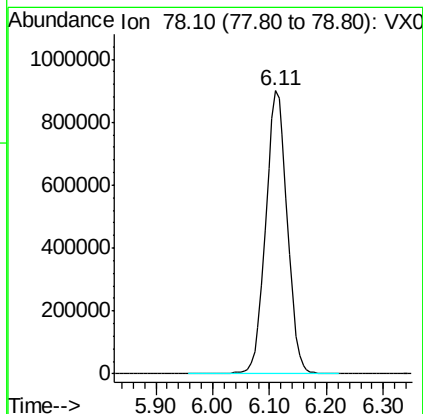
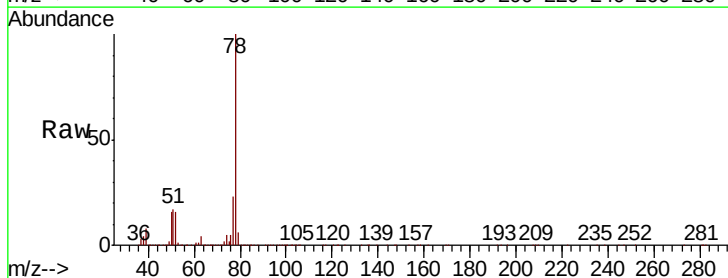
Tot Ion:117 Resp: 1001465
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4

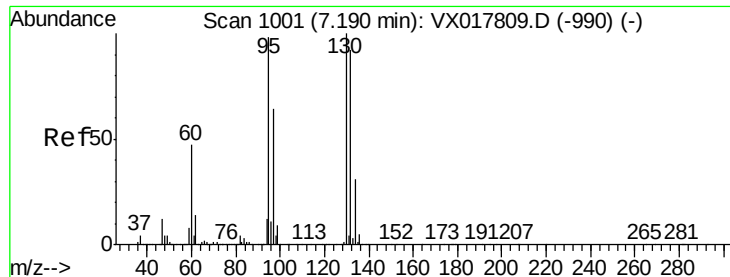


#33

Benzene
Concen: 25.236 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Tgt Ion: 78 Resp: 2355255





#34

Trichloroethene

Concen: 25.852 ug/L

RT: 7.19 min Scan# 1001

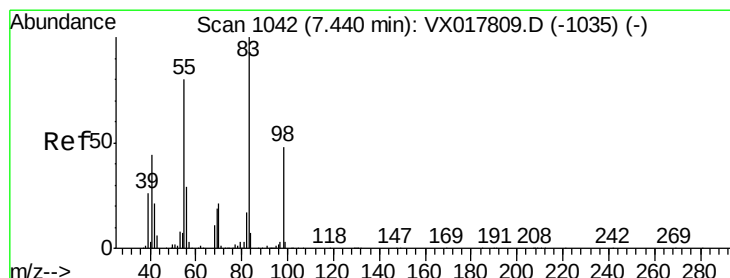
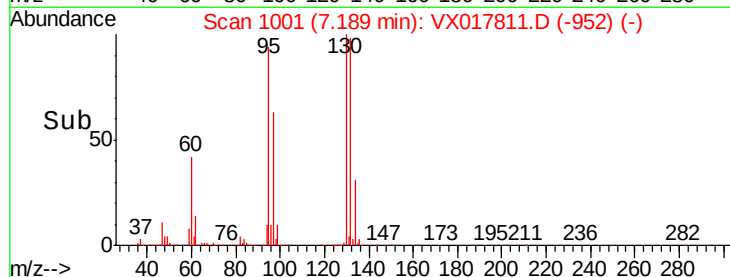
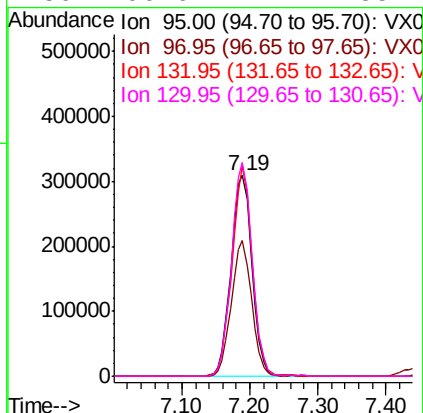
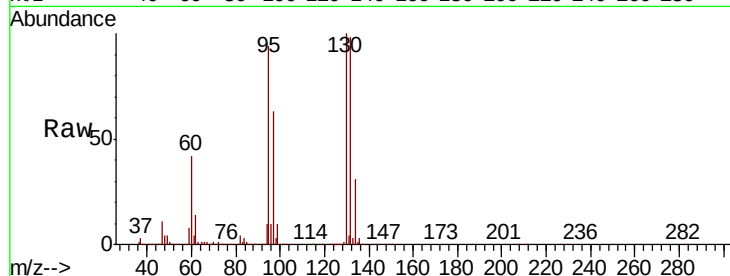
Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	95	Resp:	663447
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.1	85.5
132	104.9	66.0	122.6
130	106.6	71.7	133.1



#35

Methylcyclohexane

Concen: 29.526 ug/L

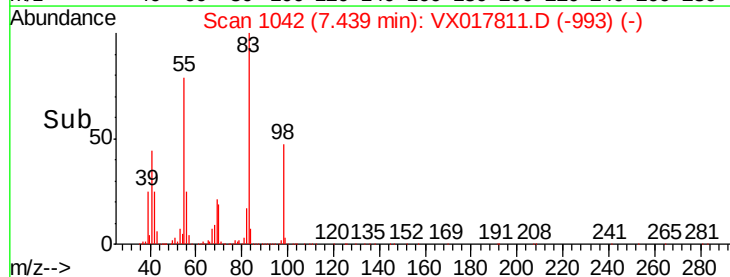
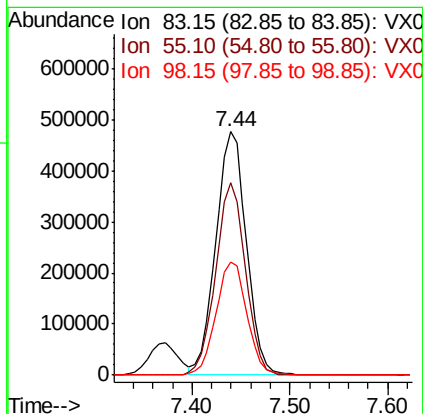
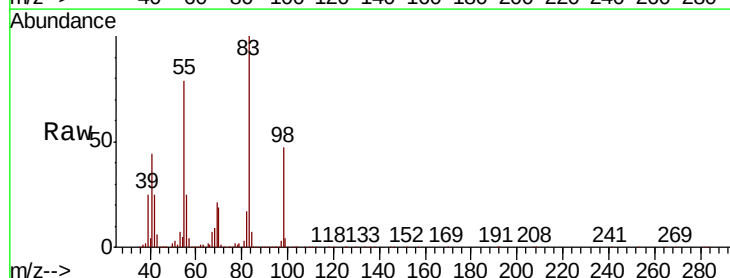
RT: 7.44 min Scan# 1042

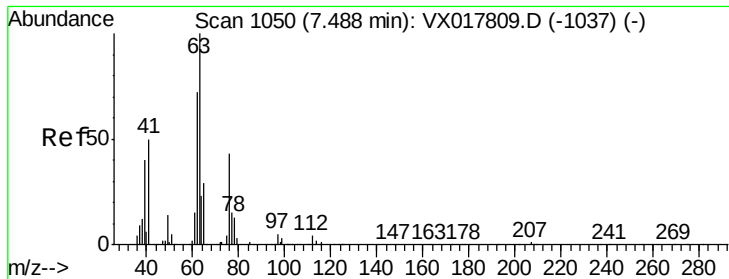
Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Tgt Ion:	83	Resp:	1030867
Ion	Ratio	Lower	Upper
83	100		
55	77.1	62.4	93.6
98	47.2	38.0	57.0

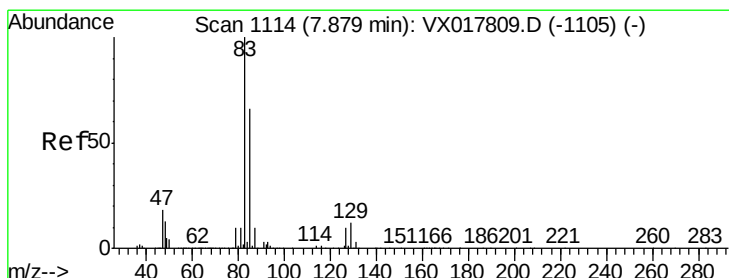
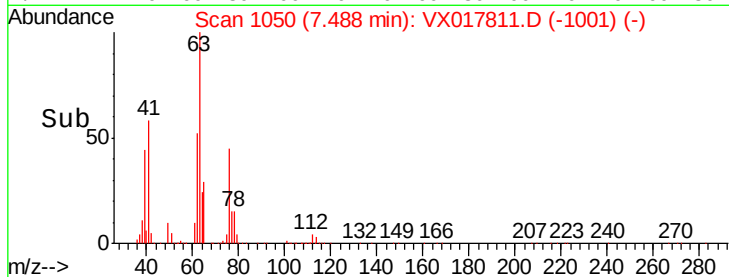
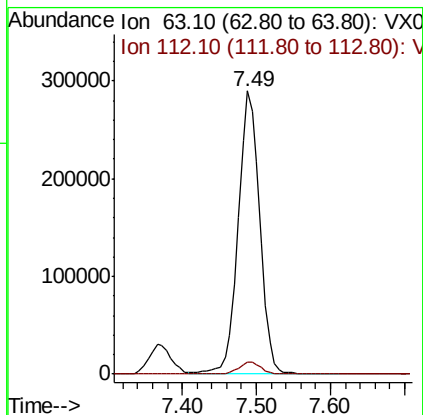
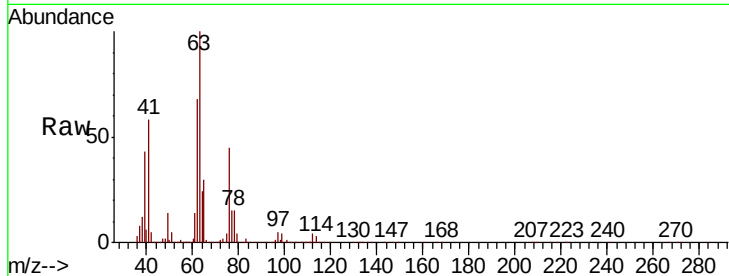




#37
 1,2-Dichloropropane
 Concen: 25.433 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

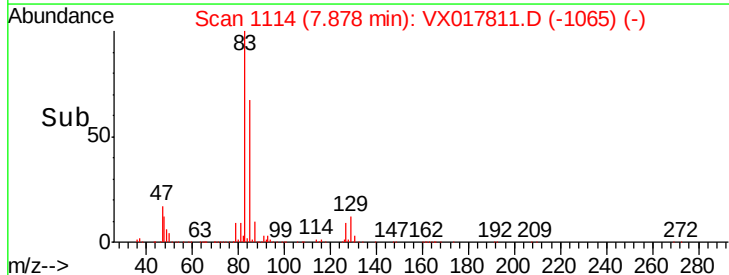
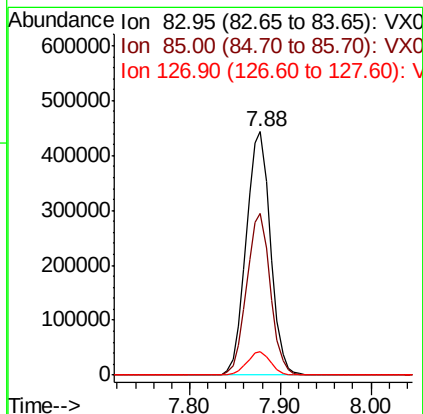
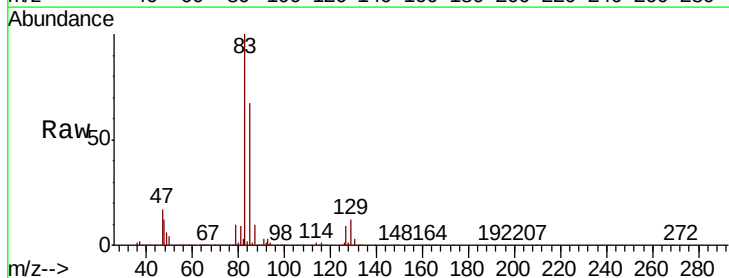
Instrument :
 MSVOA_X
 ClientSampleId :

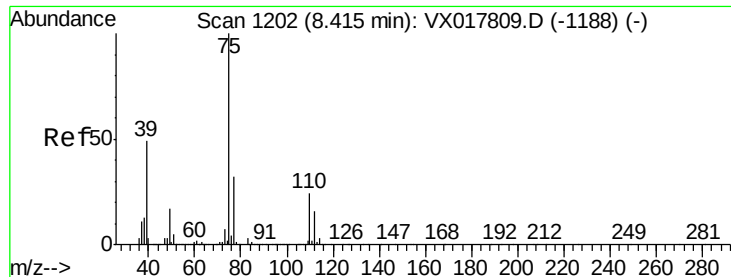
Tot Ion: 63 Resp: 588854
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.6 5.4



#38
 Bromodichloromethane
 Concen: 25.637 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion: 83 Resp: 820969
 Ion Ratio Lower Upper
 83 100
 85 66.5 45.9 85.3
 127 9.4 7.9 11.9



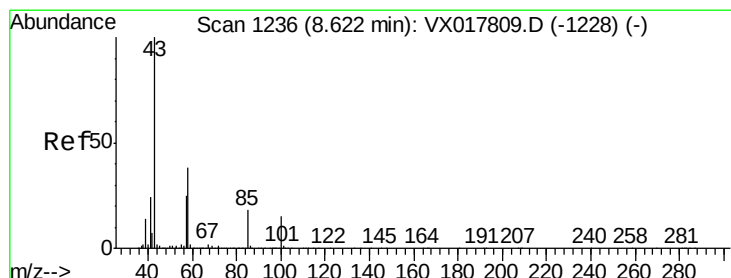
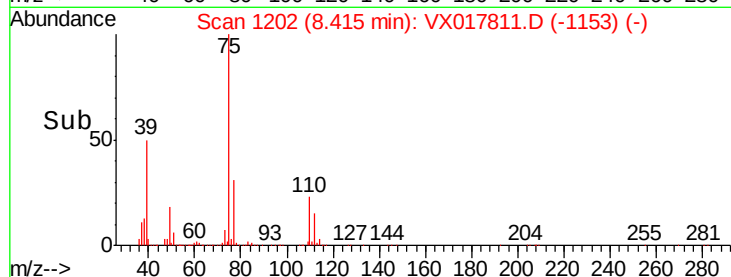
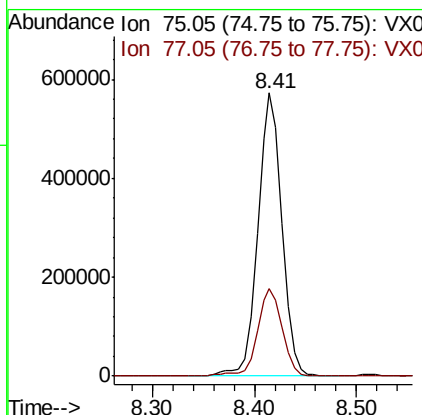
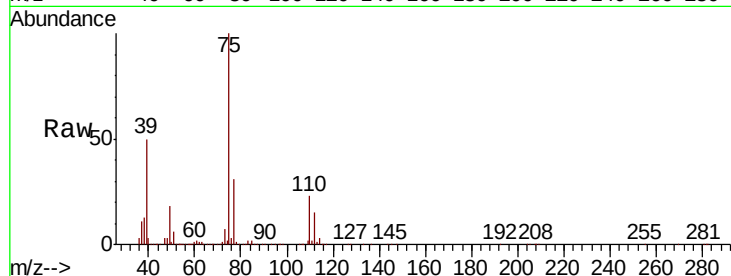


#39

cis-1,3-Dichloropropene
 Concen: 27.331 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

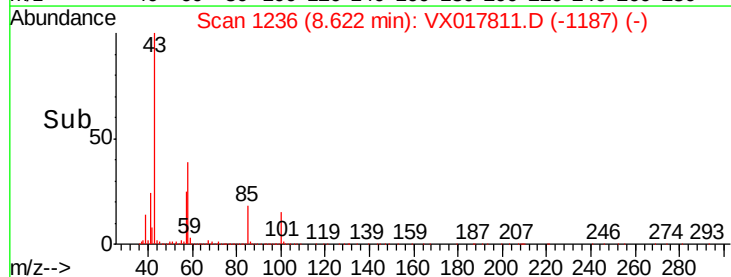
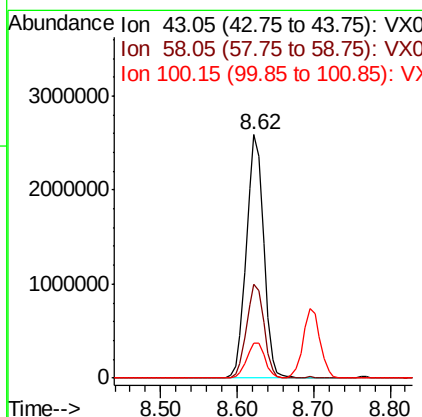
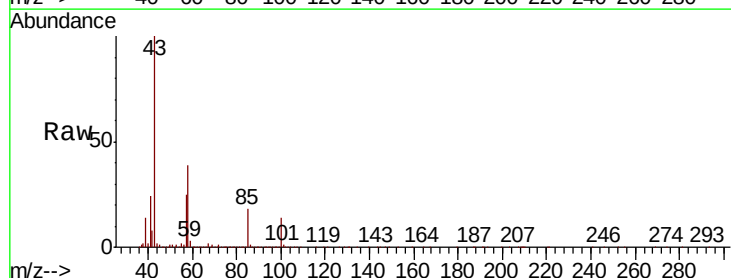
Tot Ion: 75 Resp: 938765
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.2 41.2

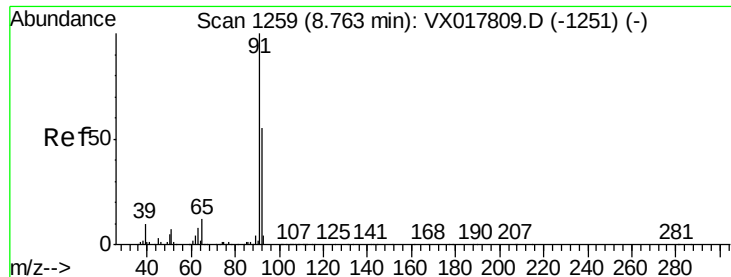


#40

4-Methyl-2-pentanone
 Concen: 290.971 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion: 43 Resp: 4072636
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.1 46.7
 100 14.9 12.2 18.4





#42

Toluene

Concen: 27.094 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

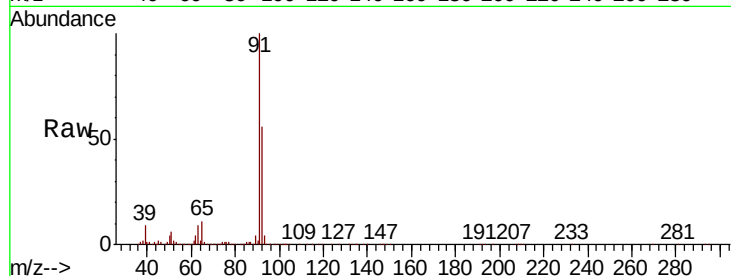
ClientSampleId :

Tot Ion: 91 Resp: 2588890

Ion Ratio Lower Upper

91 100

92 56.4 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

1500000

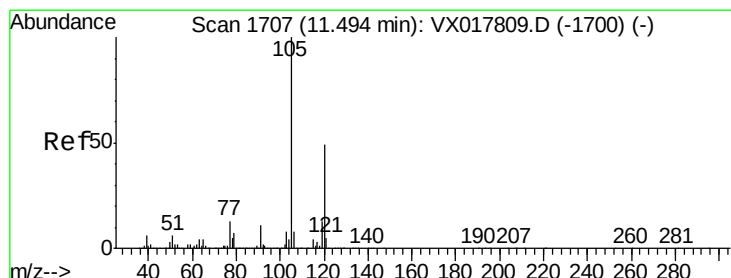
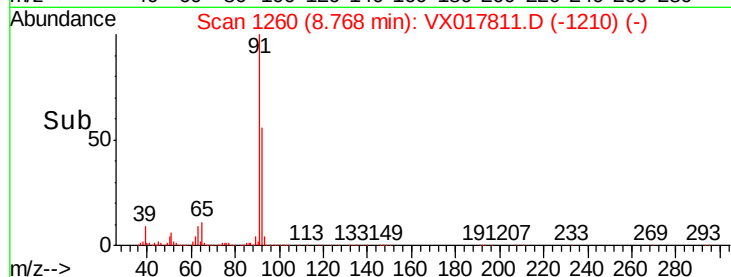
1000000

500000

0

Time-->

8.70 8.80 8.90



#43

1,3,5-Trimethylbenzene

Concen: 29.049 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017811.D

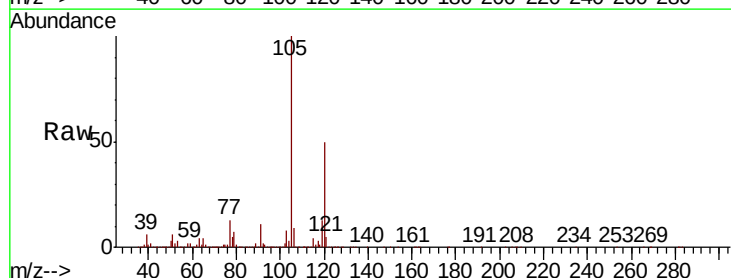
Acq: 06 Aug 2020 17:22

Tgt Ion:105 Resp: 2590004

Ion Ratio Lower Upper

105 100

120 48.8 38.1 57.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

2500000

2000000

1500000

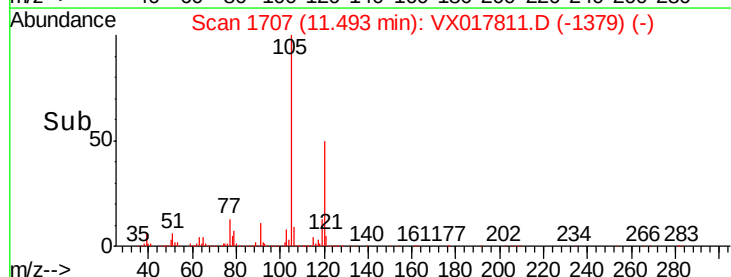
1000000

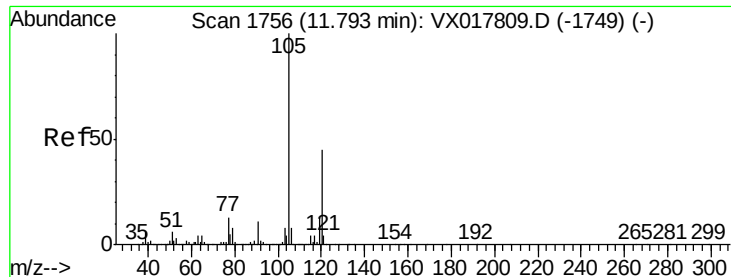
500000

0

Time-->

11.45 11.50 11.55

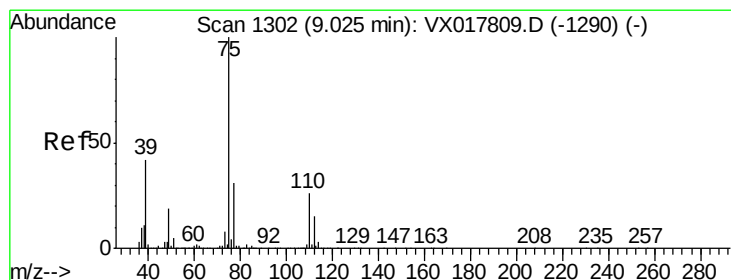
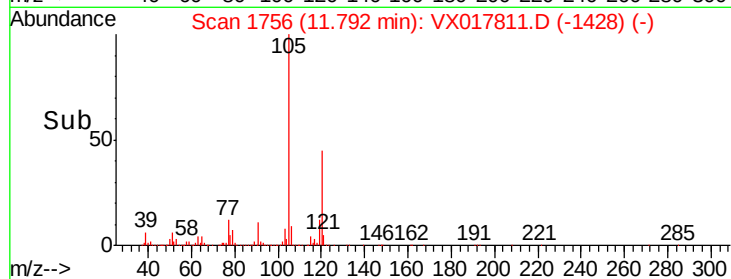
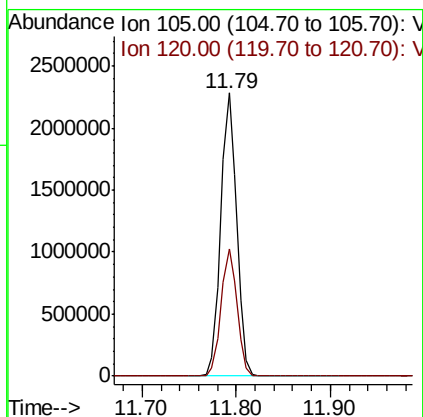
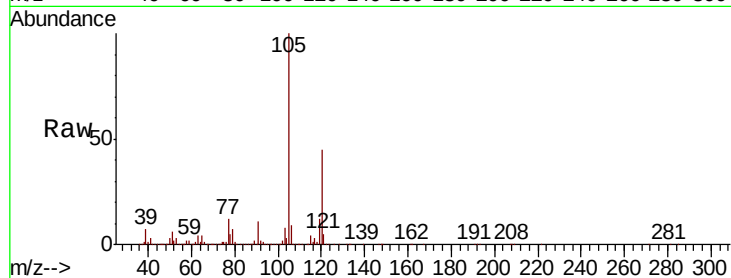




#44
 1,2,4-Trimethylbenzene
 Concen: 29.842 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

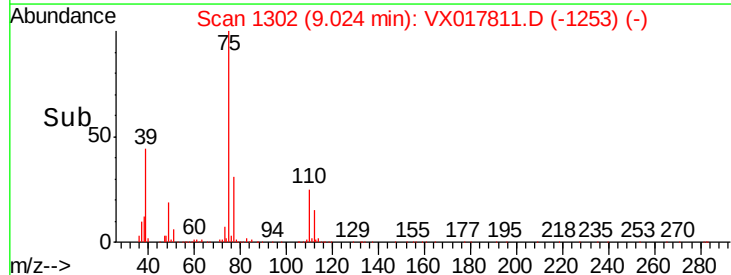
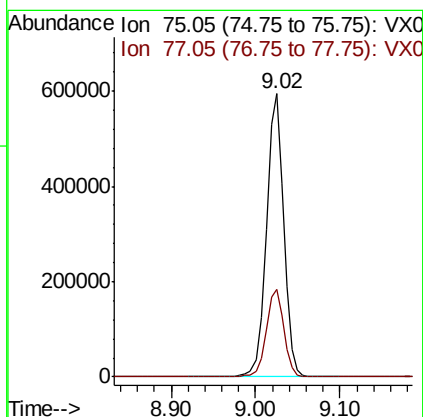
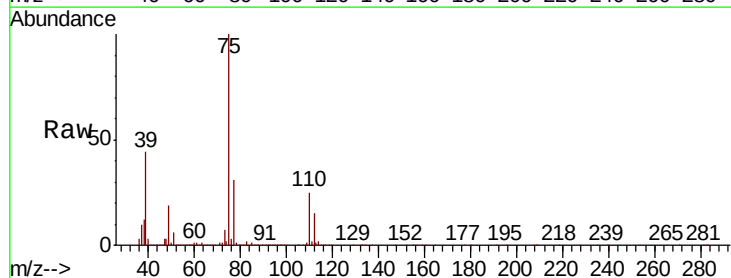
Instrument :
 MSVOA_X
 ClientSampleId :

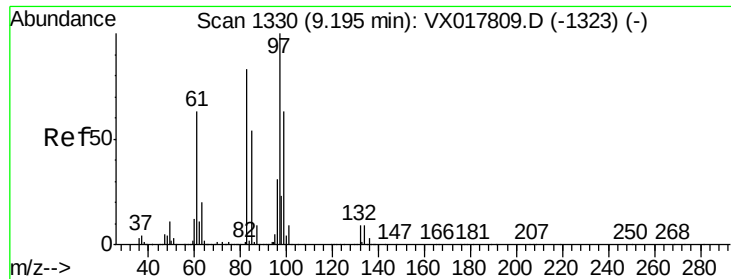
Tot Ion:105 Resp: 2672525
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.8 53.8



#46
 trans-1,3-Dichloropropene
 Concen: 28.054 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion: 75 Resp: 842601
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.6 40.2

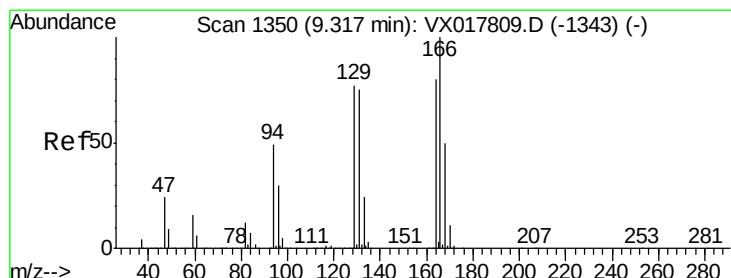
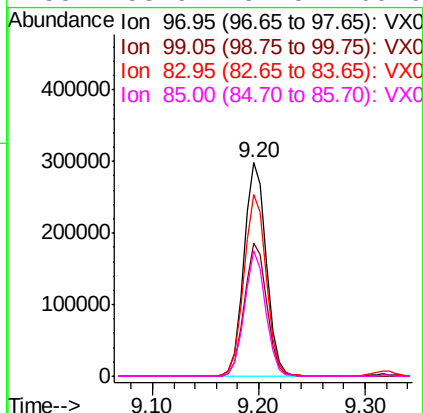
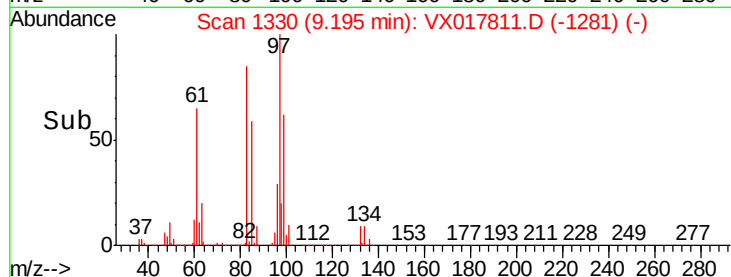
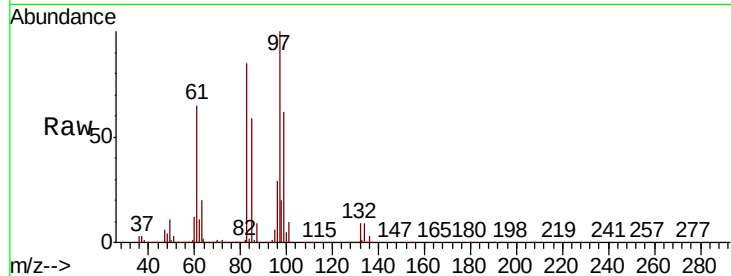




#47
 1,1,2-Trichloroethane
 Concen: 26.590 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

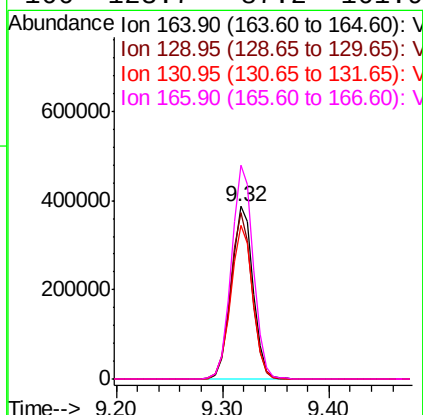
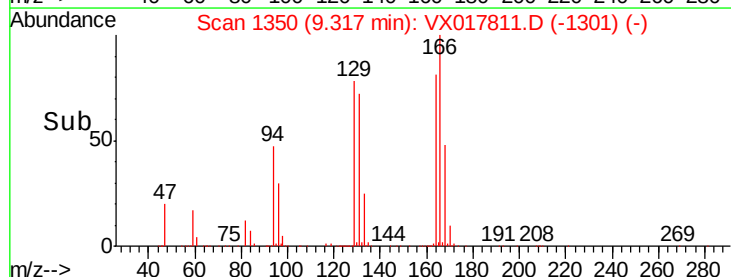
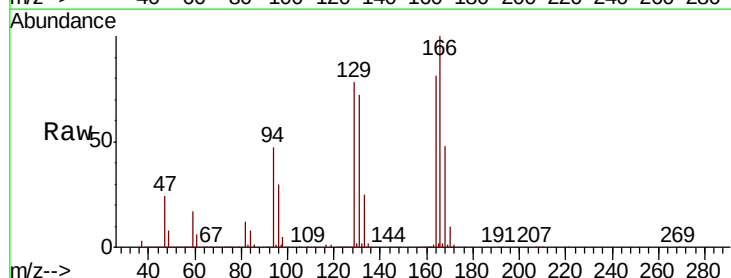
Instrument :
 MSVOA_X
 ClientSampleId :

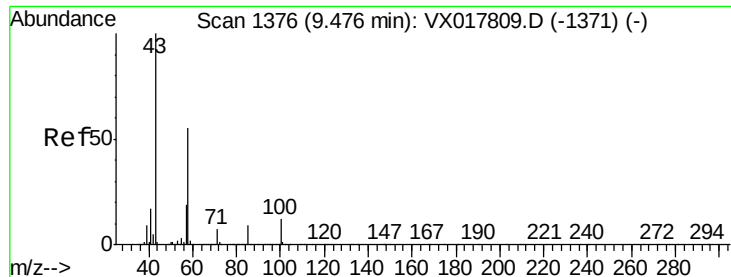
Tot Ion:	97	Resp:	440035
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.9	81.5
83	85.2	58.4	108.6
85	58.9	37.5	69.6



#49
 Tetrachloroethene
 Concen: 26.630 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion:	164	Resp:	556964
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.4	125.2
131	89.2	65.3	121.3
166	123.7	87.2	161.9



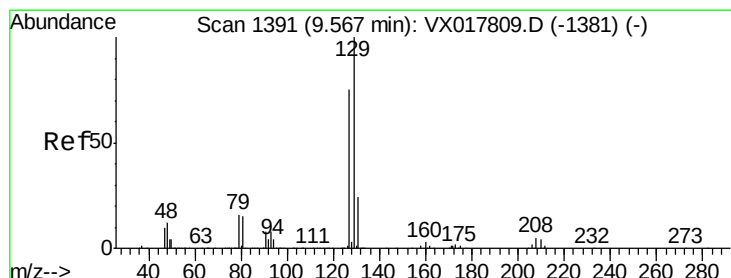
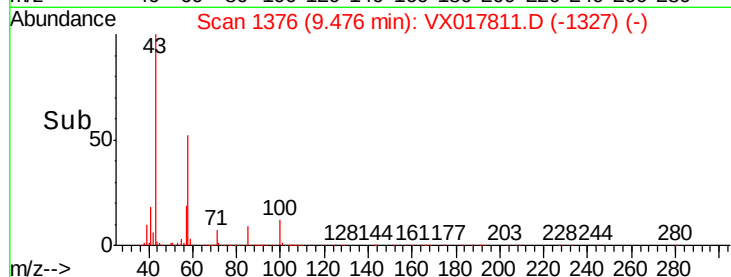
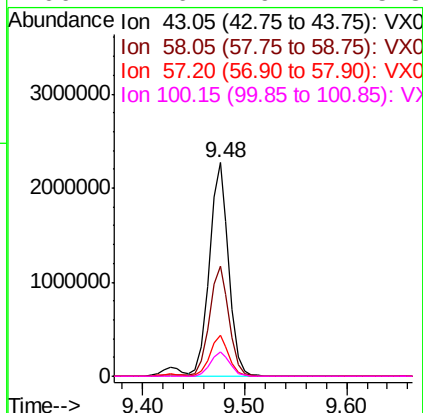
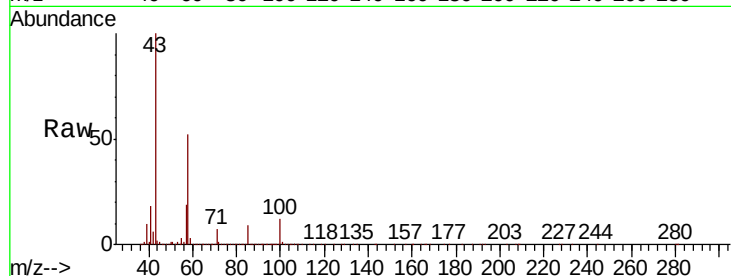


#50
2-Hexanone
Concen: 290.983 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2981720

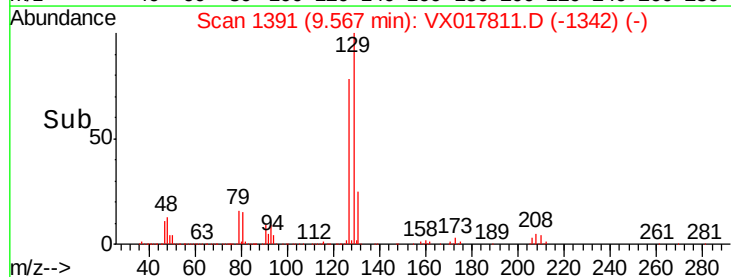
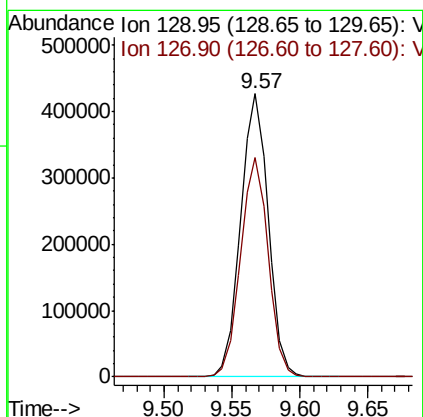
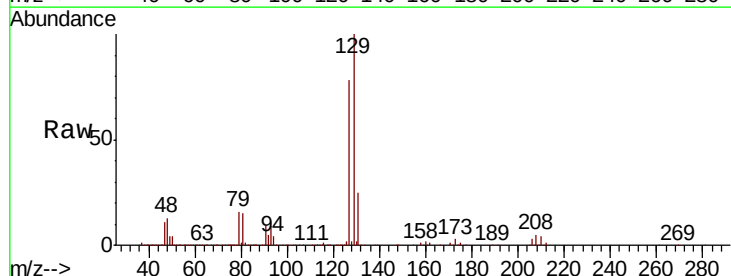
Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.0	64.6
57	18.7	15.0	22.4
100	11.6	9.2	13.8

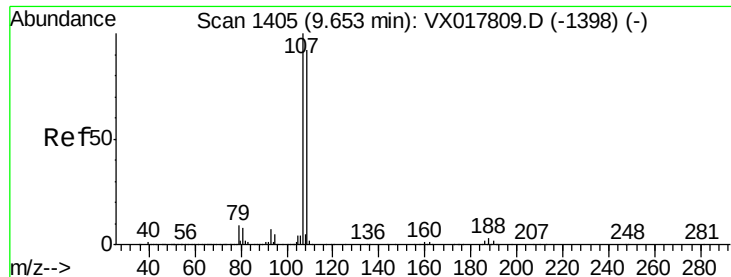


#51
Dibromochloromethane
Concen: 26.514 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Tgt Ion: 129 Resp: 605834

Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.5	97.5





#52

1,2-Dibromoethane

Concen: 26.264 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017811.D

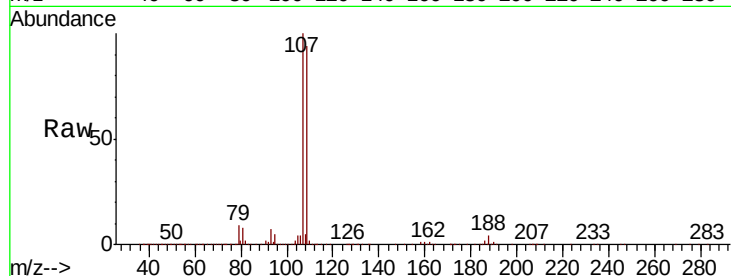
Acq: 06 Aug 2020 17:22

Instrument :

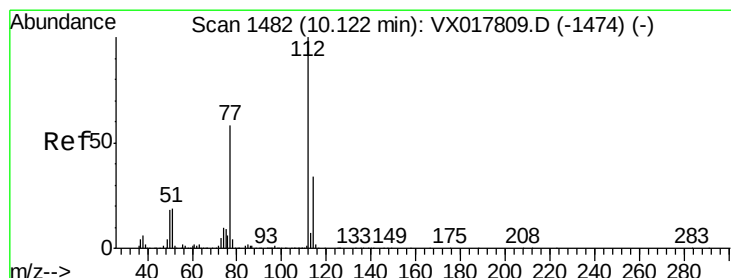
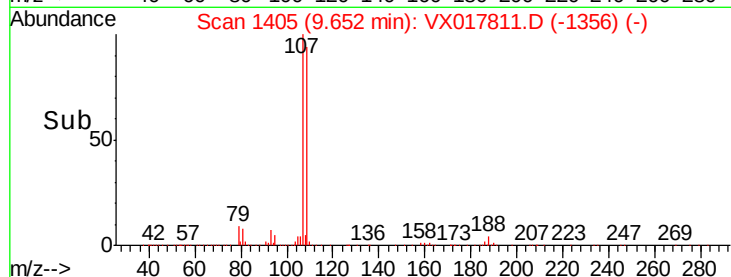
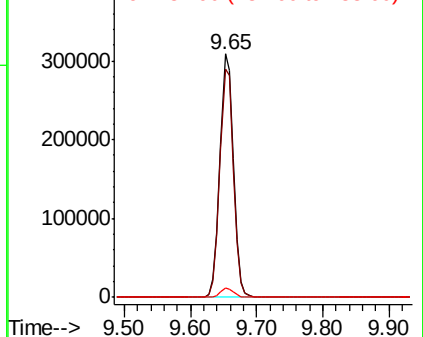
MSVOA_X

ClientSampleId :

Tot	Ion:107	Resp:	432223
Ion	Ratio	Lower	Upper
107	100		
109	93.6	64.6	120.0
188	3.8	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: 25.825 ug/L

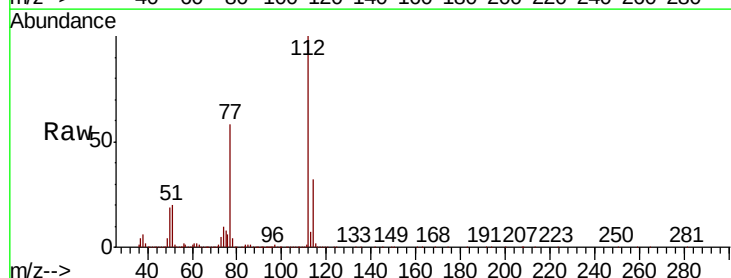
RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

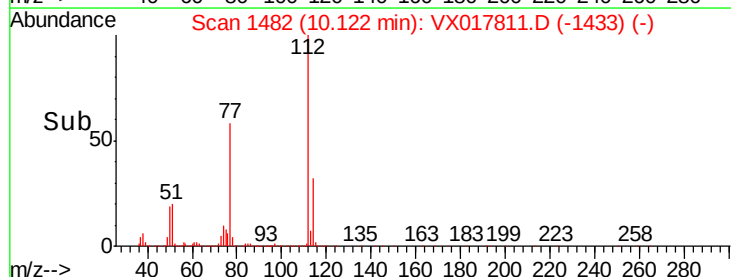
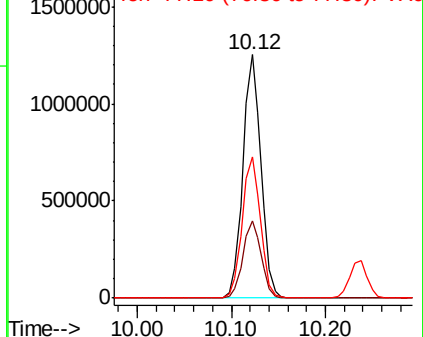
Lab File: VX017811.D

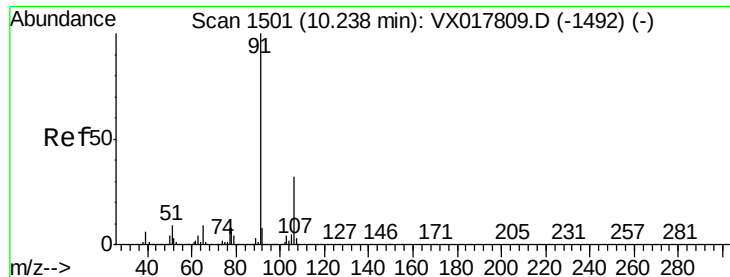
Acq: 06 Aug 2020 17:22

Tgt	Ion:112	Resp:	1658601
Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.5	43.7
77	57.8	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: 28.464 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

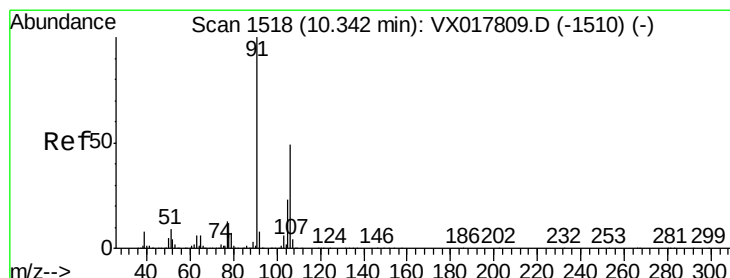
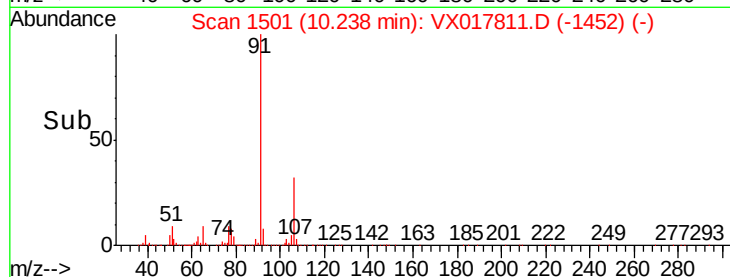
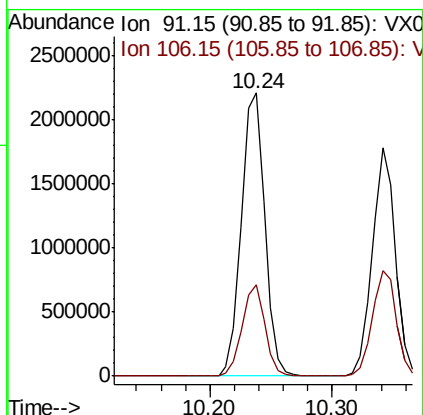
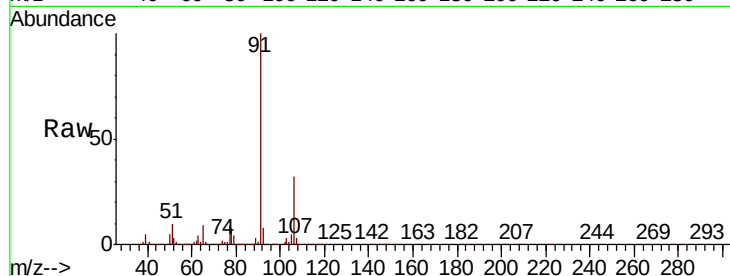
ClientSampleId :

Tot Ion: 91 Resp: 2927883

Ion Ratio Lower Upper

91 100

106 32.3 22.5 41.9



#55

m,p-xylene

Concen: 27.460 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017811.D

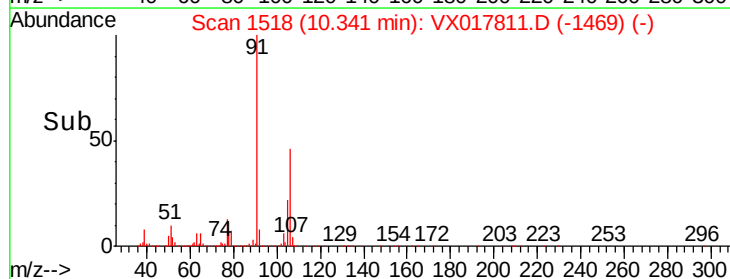
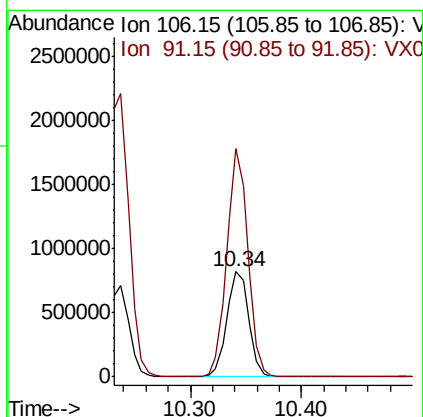
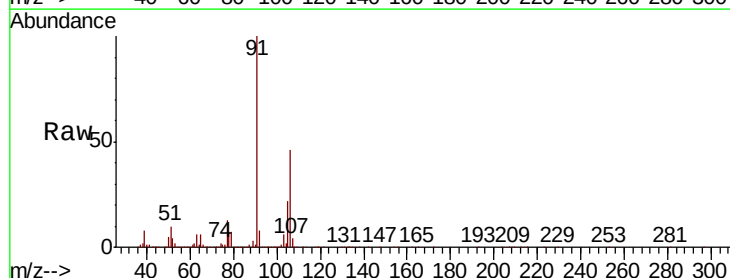
Acq: 06 Aug 2020 17:22

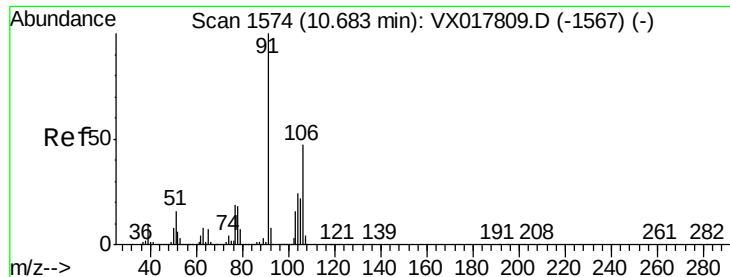
Tgt Ion: 106 Resp: 1125409

Ion Ratio Lower Upper

106 100

91 217.0 143.3 266.1

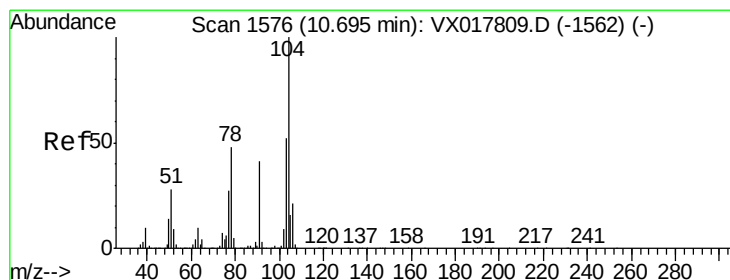
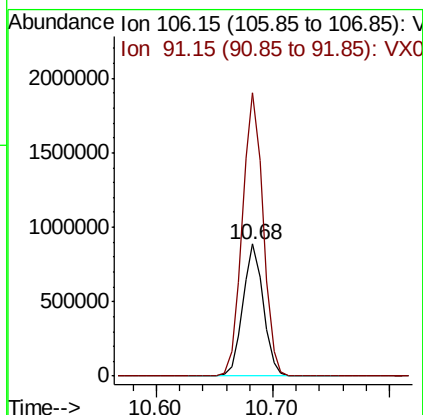
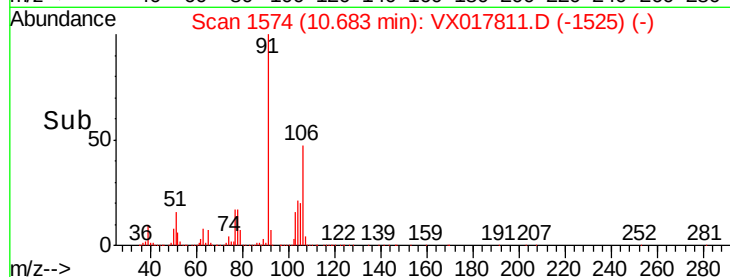
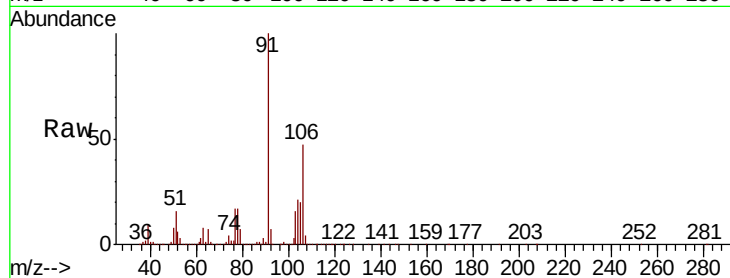




#56
o-xylene
Concen: 27.252 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

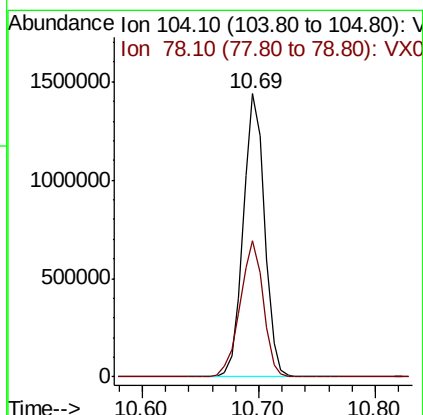
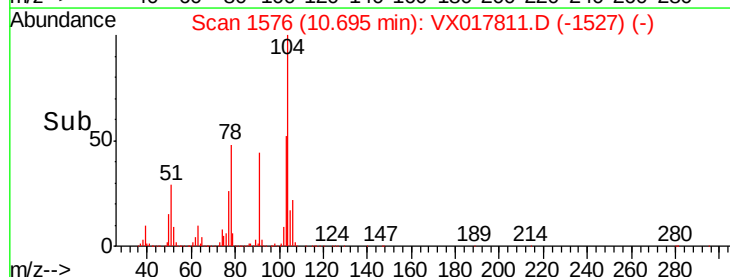
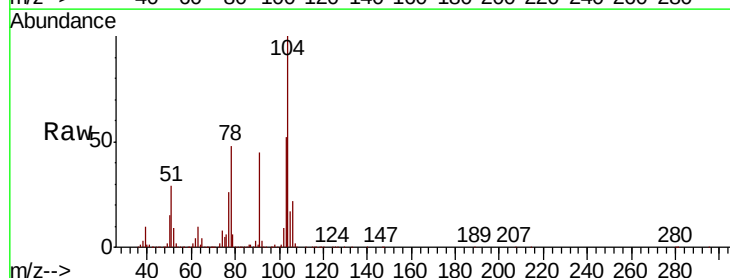
Instrument :
MSVOA_X
ClientSampleId :

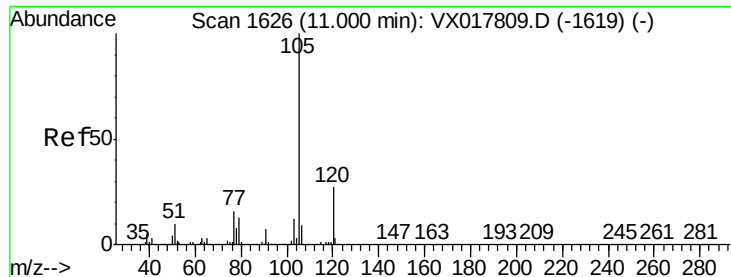
Tot Ion:106 Resp: 1088545
Ion Ratio Lower Upper
106 100
91 214.6 149.8 278.2



#57
Styrene
Concen: 27.734 ug/L
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017811.D
Acq: 06 Aug 2020 17:22

Tgt Ion:104 Resp: 1842758
Ion Ratio Lower Upper
104 100
78 48.3 33.7 62.5





#58

Isopropylbenzene

Concen: 28.613 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

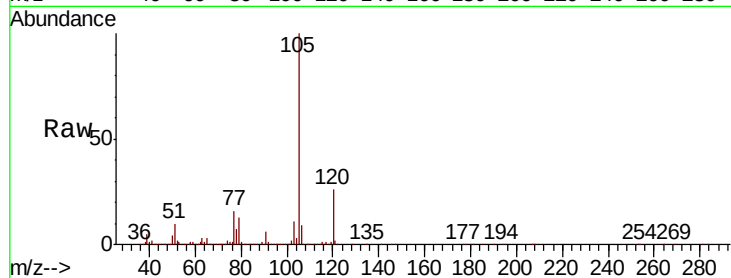
Tot Ion:105 Resp: 2958643

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.6

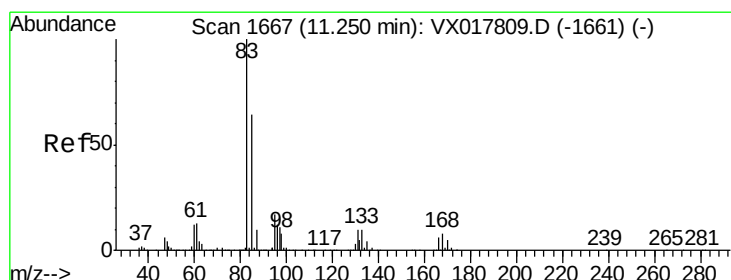
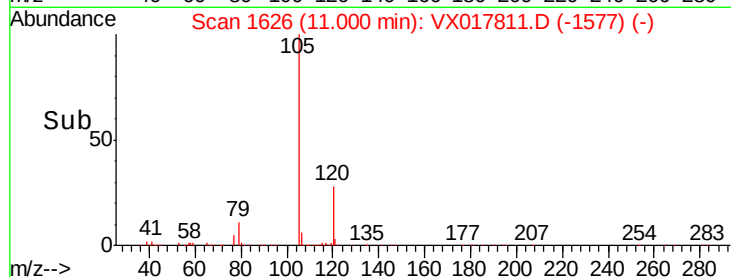
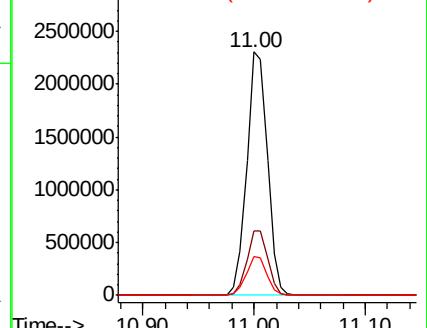
77 15.9 12.8 19.2



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: 27.302 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

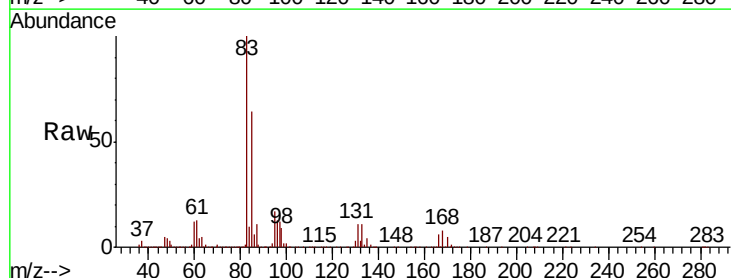
Tgt Ion: 83 Resp: 518801

Ion Ratio Lower Upper

83 100

85 63.8 44.6 82.8

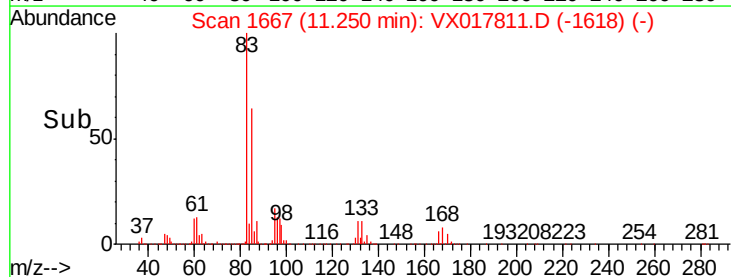
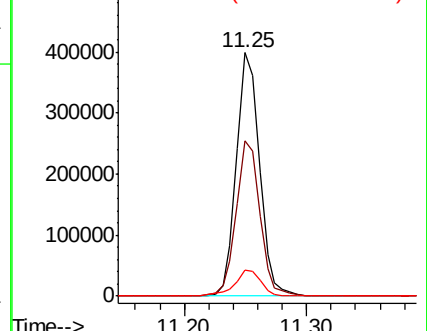
131 10.6 8.2 12.2

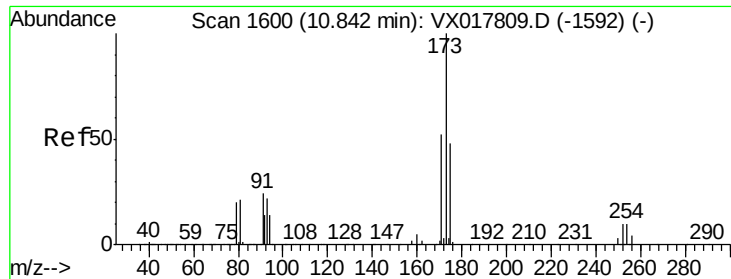


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 24.771 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

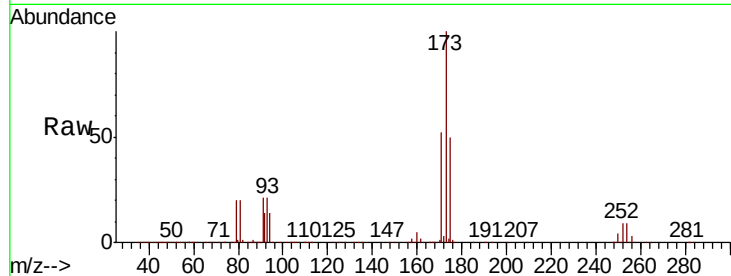
Tot Ion:173 Resp: 369102

Ion Ratio Lower Upper

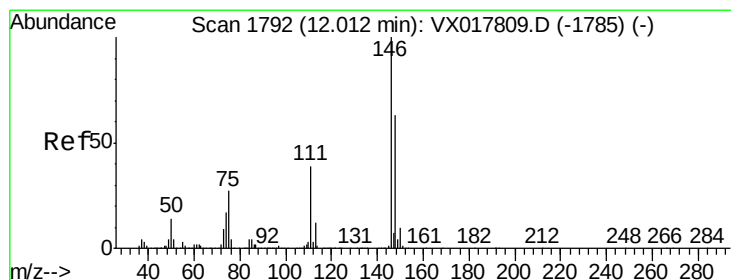
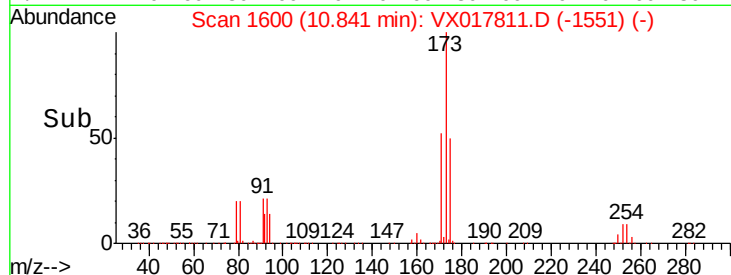
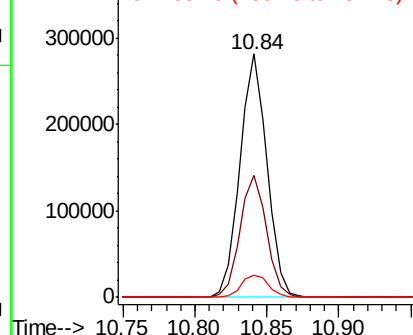
173 100

175 49.6 40.0 60.0

254 9.3 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: 23.638 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

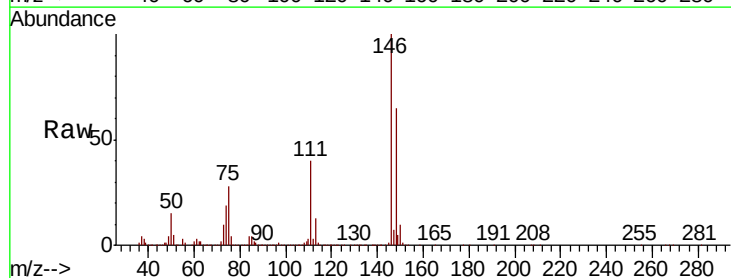
Tgt Ion:146 Resp: 1430473

Ion Ratio Lower Upper

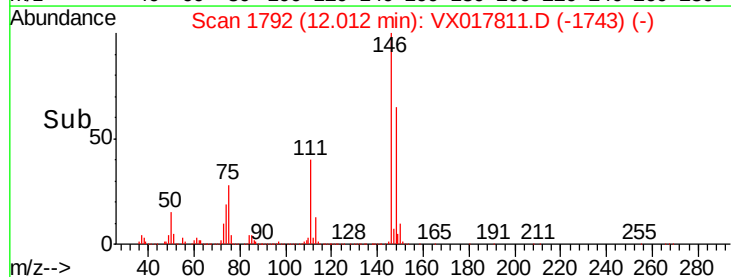
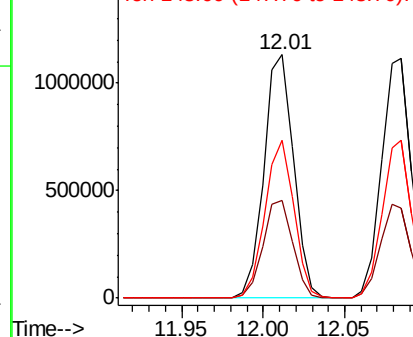
146 100

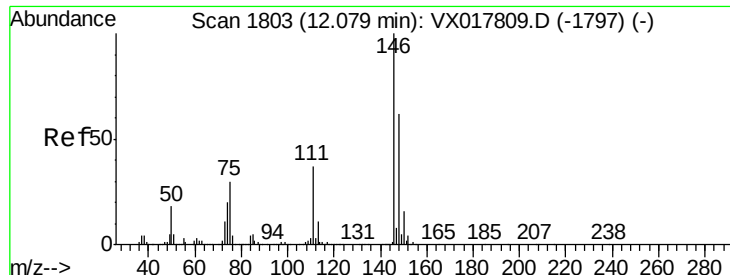
111 40.0 27.6 51.4

148 64.8 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

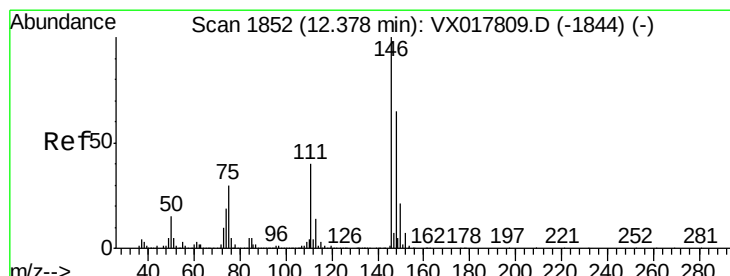
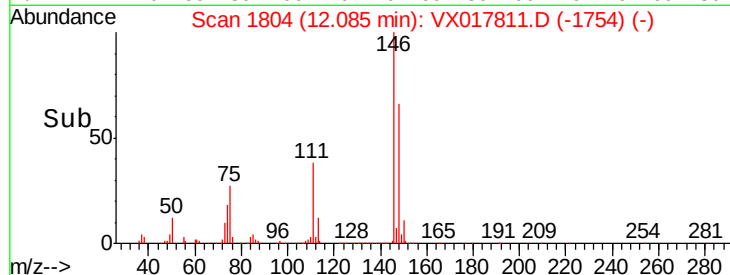
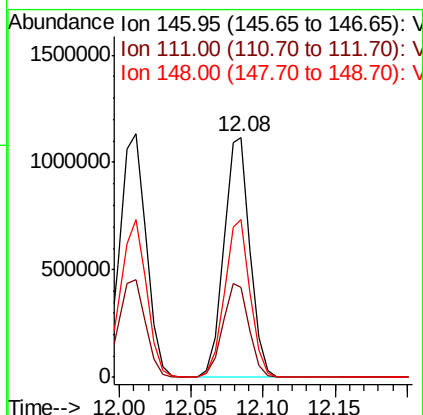
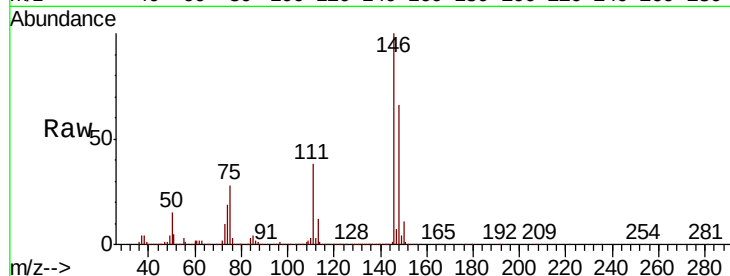




#64
 1,4-Dichlorobenzene
 Concen: 23.842 ug/L
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

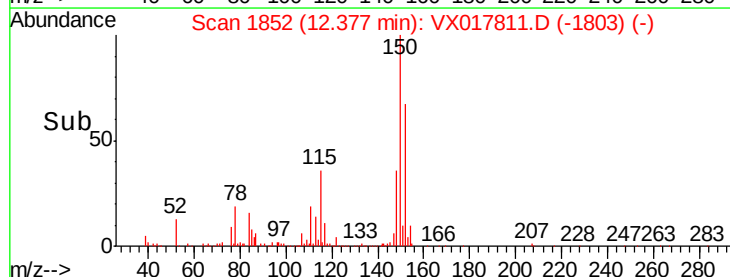
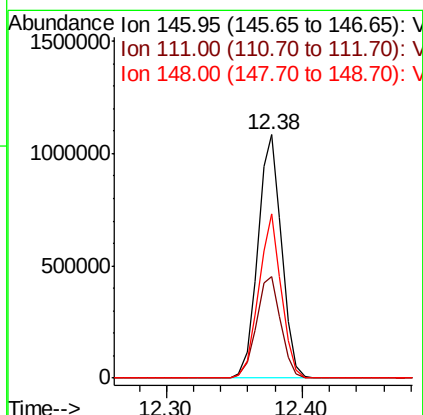
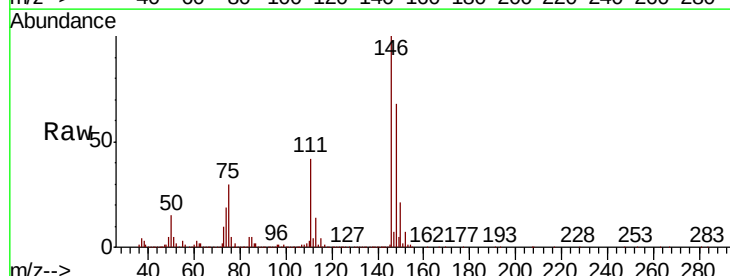
Instrument :
 MSVOA_X
 ClientSampled :

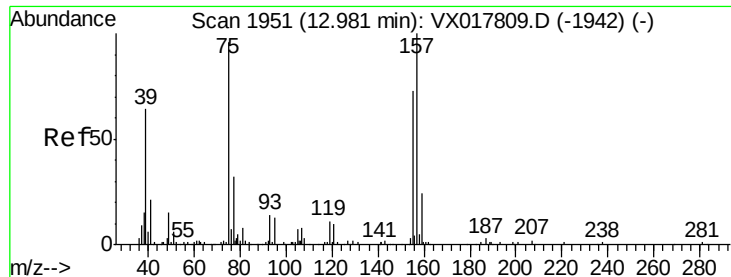
Tot Ion:146 Resp: 1424092
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.0 48.2
 148 65.7 43.2 80.2



#66
 1,2-Dichlorobenzene
 Concen: 23.663 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion:146 Resp: 1323176
 Ion Ratio Lower Upper
 146 100
 111 41.8 32.2 48.4
 148 67.6 52.3 78.5





#67

1,2-Dibromo-3-chloropropane

Concen: 23.745 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Instrument :

MSVOA_X

ClientSampled :

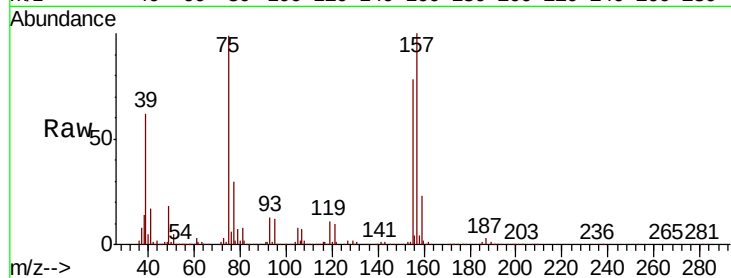
Tot Ion: 75 Resp: 115951

Ion Ratio Lower Upper

75 100

155 78.1 60.9 91.3

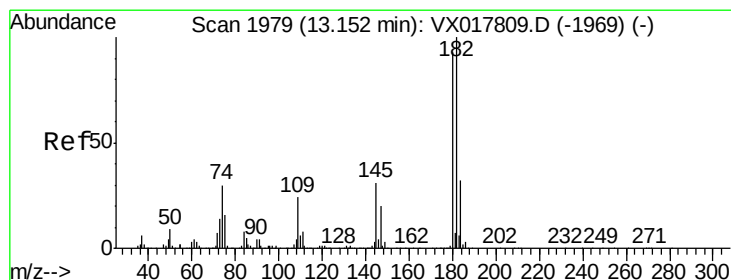
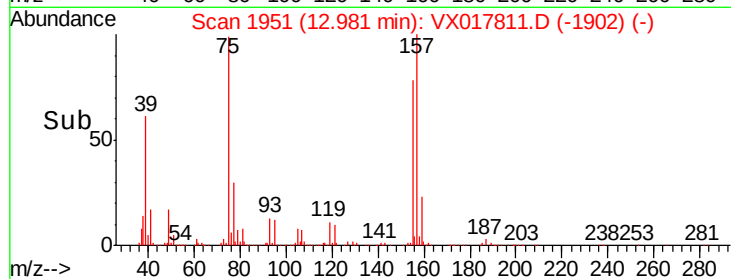
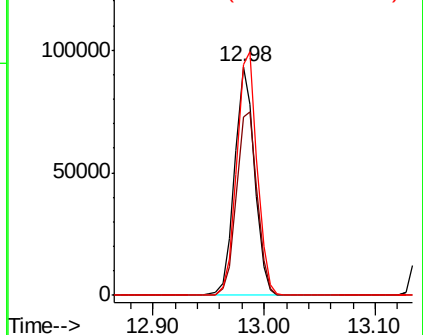
157 100.8 83.3 124.9



Abundance Ion 75.05 (74.75 to 75.75): VX017811.D (-1902) (-)

Ion 154.95 (154.65 to 155.65): VX017811.D (-1902) (-)

Ion 156.90 (156.60 to 157.60): VX017811.D (-1902) (-)



#68

1,3,5-Trichlorobenzene

Concen: 22.835 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017811.D

Acq: 06 Aug 2020 17:22

Tgt Ion: 180 Resp: 1118792

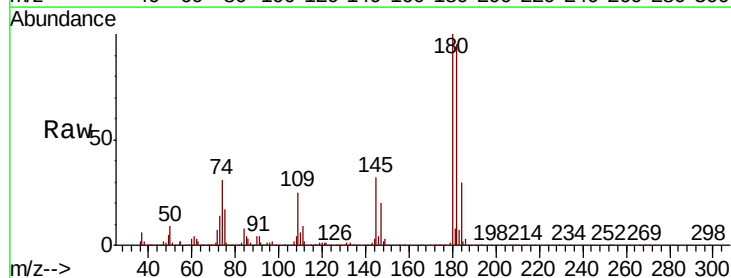
Ion Ratio Lower Upper

180 100

182 94.8 80.2 120.4

184 30.4 24.9 37.3

145 30.5 25.1 37.7

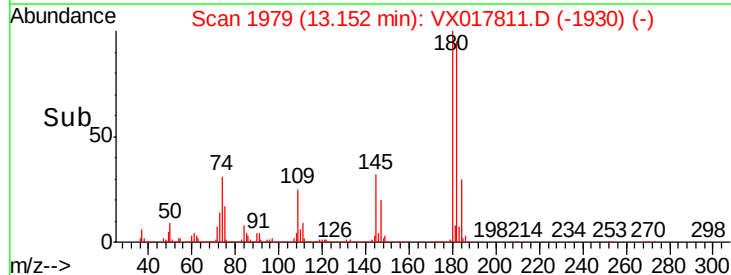
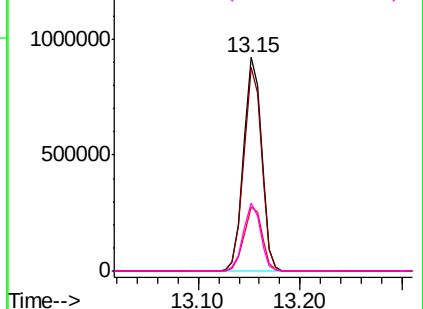


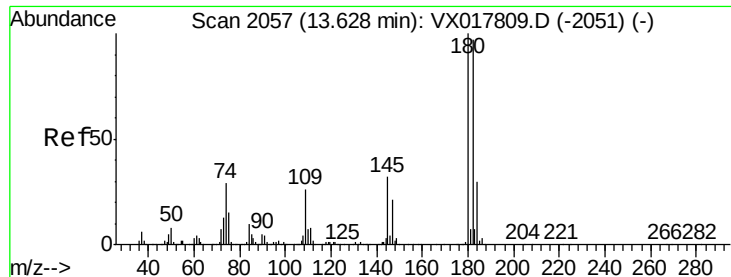
Abundance Ion 180.00 (179.70 to 180.70): VX017811.D (-1930) (-)

Ion 182.00 (181.70 to 182.70): VX017811.D (-1930) (-)

Ion 184.00 (183.70 to 184.70): VX017811.D (-1930) (-)

Ion 145.00 (144.70 to 145.70): VX017811.D (-1930) (-)

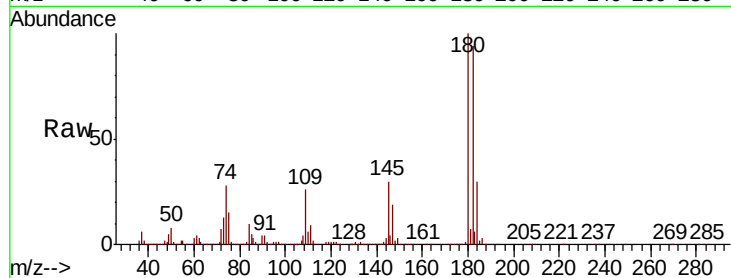




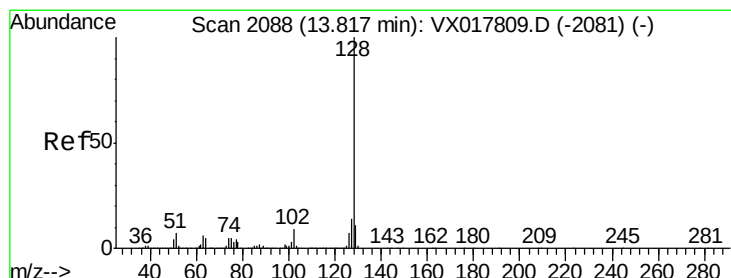
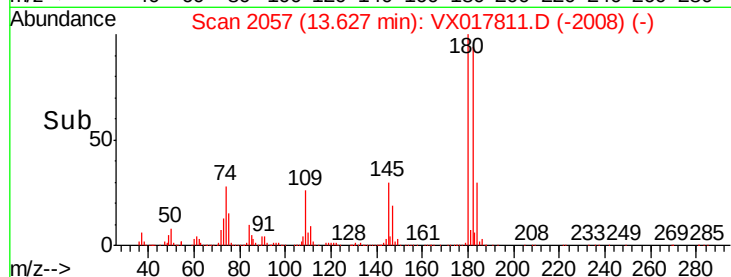
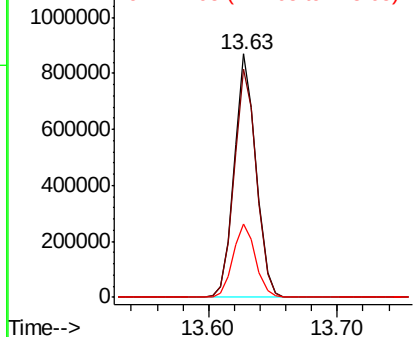
#69
 1,2,4-trichlorobenzene
 Concen: 27.359 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 1021053
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.5 114.7
 145 30.9 25.4 38.0

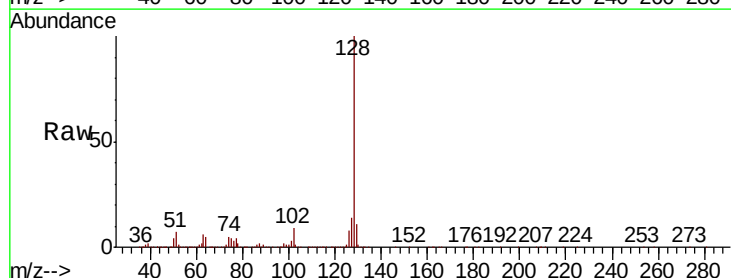


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

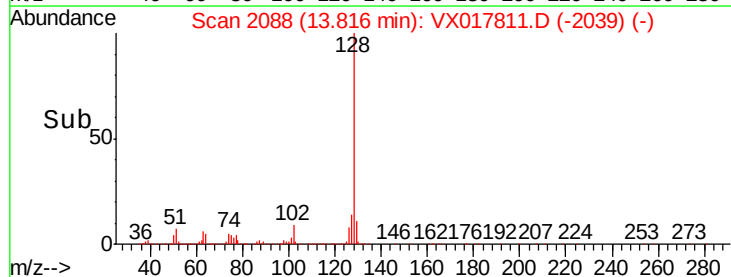
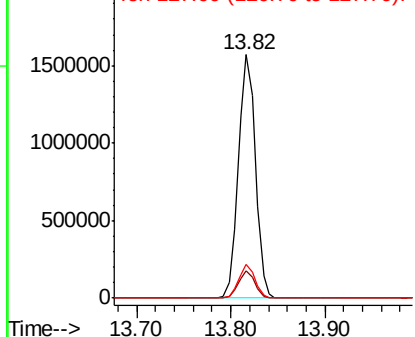


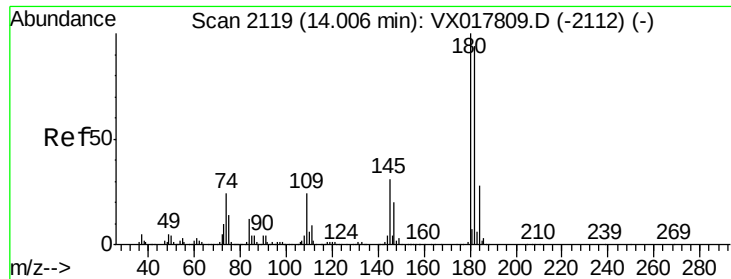
#70
 Naphthalene
 Concen: 30.058 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Tgt Ion:128 Resp: 1967062
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

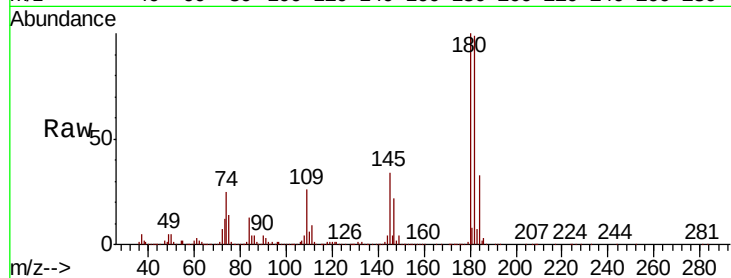




#71
 1,2,3-Trichlorobenzene
 Concen: 27.129 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX017811.D
 Acq: 06 Aug 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.4	113.0
145	33.1	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

