

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017807.D
 Acq On : 06 Aug 2020 15:43
 Operator : JC/SP
 Sample : VSTD0.562
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 02:48:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	360337	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	339773	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	169325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10139	0.41	ug/L	0.00
7) Chloroethane-d5	1.93	69	744	0.04	ug/L	0.25
11) 1,1-Dichloroethene-d2	2.35	63	19260	0.38	ug/L	0.00
20) 2-Butanone-d5	4.54	46	23913	3.62	ug/L	0.00
24) Chloroform-d	5.14	84	19014	0.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	11674	0.42	ug/L	0.00
32) Benzene-d6	6.05	84	33590	0.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	10887	0.38	ug/L	0.00
41) Toluene-d8	8.70	98	33178	0.37	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	5037	0.40	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	16848	3.25	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	8027	0.37	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	12828	0.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	18929	0.452 ug/L	99
3) Chloromethane	1.31	50	14675	0.429 ug/L	92
5) Vinyl chloride	1.39	62	15111	0.445 ug/L	95
6) Bromomethane	1.63	94	9338	0.473 ug/L	90
8) Chloroethane	1.71	64	8189	0.431 ug/L	94
9) Trichlorofluoromethane	1.92	101	22941	0.420 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	12351	0.414 ug/L	89
12) 1,1-Dichloroethene	2.35	96	12135	0.439 ug/L #	79
13) Acetone	2.42	43	21828	4.518 ug/L	93
14) Carbon disulfide	2.54	76	45297	0.457 ug/L	97
15) Methyl Acetate	2.75	43	7796	0.547 ug/L	90
16) Methylene chloride	2.83	84	26762	0.701 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	31523	0.426 ug/L #	91
18) trans-1,2-Dichloroethene	3.14	96	14483	0.462 ug/L	96
19) 1,1-Dichloroethane	3.67	63	24138	0.432 ug/L	96
21) 2-Butanone	4.64	43	36506	4.375 ug/L	98
22) cis-1,2-Dichloroethene	4.57	96	14710	0.447 ug/L #	90
23) Bromochloromethane	4.98	128	6493	0.422 ug/L	87
25) Chloroform	5.18	83	27197	0.452 ug/L	90
27) 1,2-Dichloroethane	6.16	62	16973	0.439 ug/L #	92
29) 1,1,1-Trichloroethane	5.46	97	24318	0.436 ug/L	98
30) Cyclohexane	5.54	56	19231	0.398 ug/L	94
31) Carbon tetrachloride	5.76	117	21419	0.417 ug/L	100
33) Benzene	6.11	78	50003	0.416 ug/L	100
34) Trichloroethene	7.18	95	15825	0.451 ug/L	92
35) Methylcyclohexane	7.43	83	20163	0.408 ug/L	97
37) 1,2-Dichloropropane	7.49	63	13497	0.446 ug/L	100
38) Bromodichloromethane	7.88	83	17914	0.425 ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	19427	0.417 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	78279	3.975 ug/L	99

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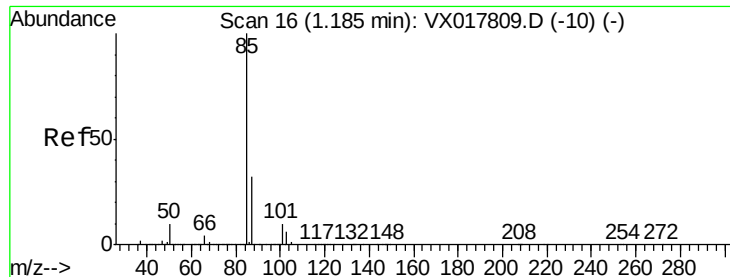
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 02:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.76	91	52997	0.406	ug/L	88
43) 1,3,5-Trimethylbenzene	11.49	105	41798	0.351	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	41909	0.345	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	17737	0.427	ug/L	92
47) 1,1,2-Trichloroethane	9.20	97	10173	0.448	ug/L	85
49) Tetrachloroethene	9.32	164	11673	0.416	ug/L	95
50) 2-Hexanone	9.47	43	54302	3.847	ug/L	98
51) Dibromochloromethane	9.56	129	13703	0.438	ug/L	92
52) 1,2-Dibromoethane	9.65	107	9581	0.431	ug/L #	90
53) Chlorobenzene	10.12	112	35458	0.417	ug/L	95
54) Ethylbenzene	10.24	91	54600	0.383	ug/L	92
55) m,p-xylene	10.35	106	20409	0.375	ug/L	77
56) o-xylene	10.68	106	19899	0.377	ug/L	94
57) Styrene	10.70	104	31703	0.355	ug/L	92
58) Isopropylbenzene	11.00	105	52522	0.372	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	9795	0.393	ug/L #	98
62) Bromoform	10.84	173	7388	0.436	ug/L	94
63) 1,3-Dichlorobenzene	12.01	146	27728	0.420	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	27953	0.426	ug/L	87
66) 1,2-Dichlorobenzene	12.38	146	26399	0.431	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	2714	0.510	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	20373	0.418	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	18035	0.418	ug/L	100
70) Naphthalene	13.82	128	30321	0.383	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	16313	0.402	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 0.452 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

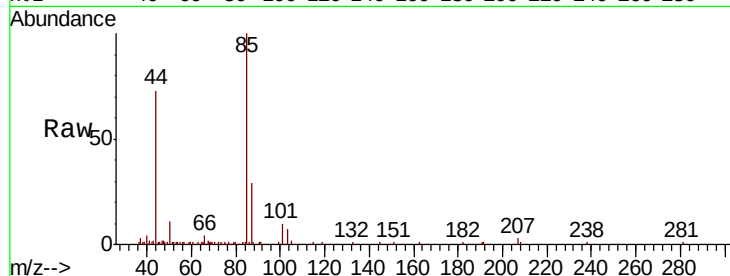
ClientSampleId :

Tot Ion: 85 Resp: 18929

Ion Ratio Lower Upper

85 100

87 31.0 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

20000

15000

10000

5000

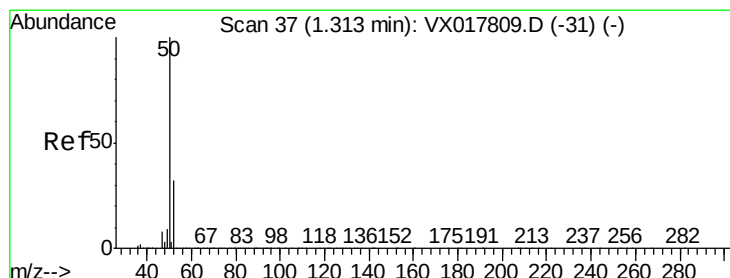
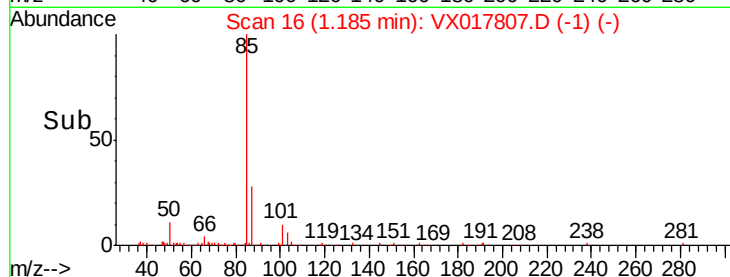
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Time-->

1.15

1.20

1.25



#3

Chloromethane

Concen: 0.429 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017807.D

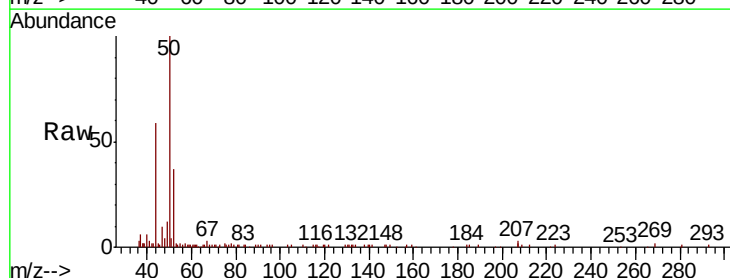
Acq: 06 Aug 2020 15:43

Tgt Ion: 50 Resp: 14675

Ion Ratio Lower Upper

50 100

52 36.8 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

15000

10000

5000

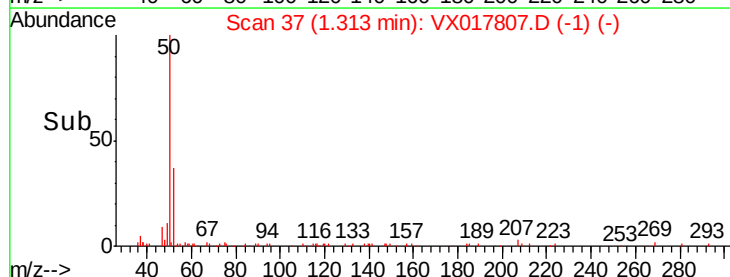
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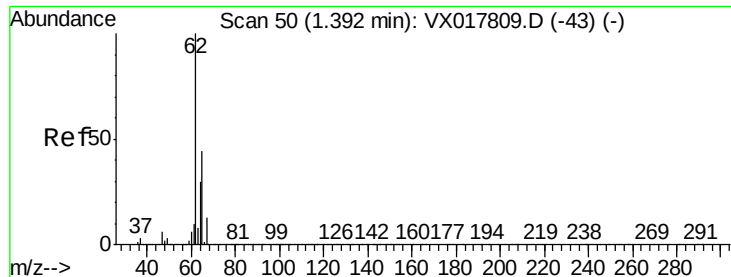
Time-->

1.25

1.30

1.35





#5

Vinyl chloride

Concen: 0.445 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

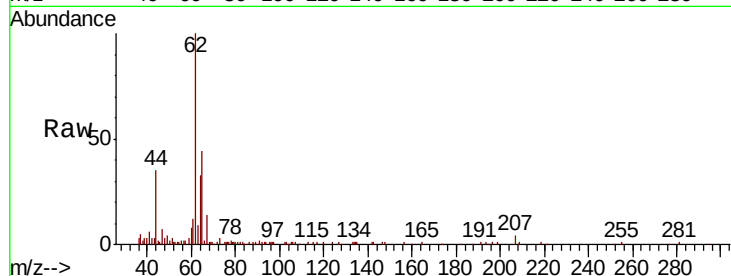
ClientSampleId :

Tot Ion: 62 Resp: 15111

Ion Ratio Lower Upper

62 100

64 33.0 21.3 39.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0

1.39

15000

10000

5000

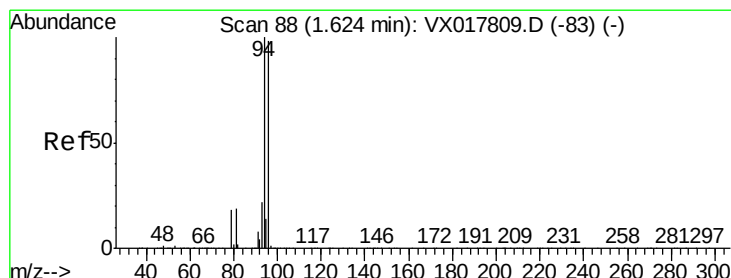
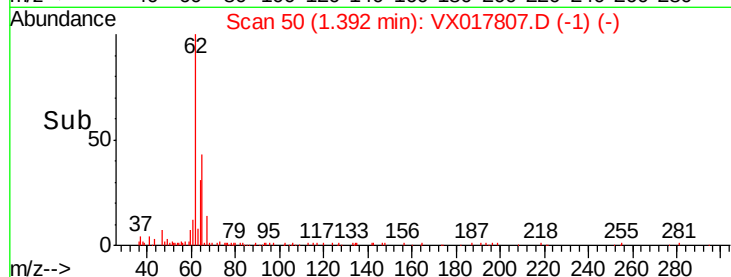
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Time-->

1.35

1.40

1.45



#6

Bromomethane

Concen: 0.473 ug/L

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017807.D

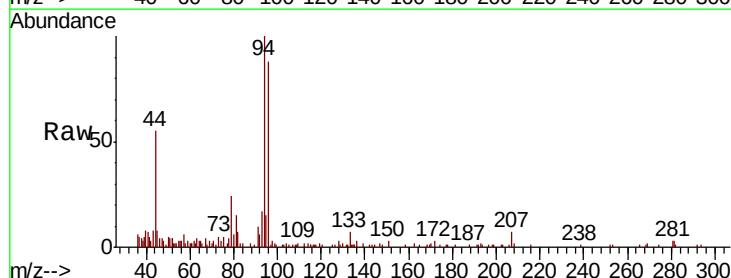
Acq: 06 Aug 2020 15:43

Tgt Ion: 94 Resp: 9338

Ion Ratio Lower Upper

94 100

96 88.1 68.5 127.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

8000

6000

4000

2000

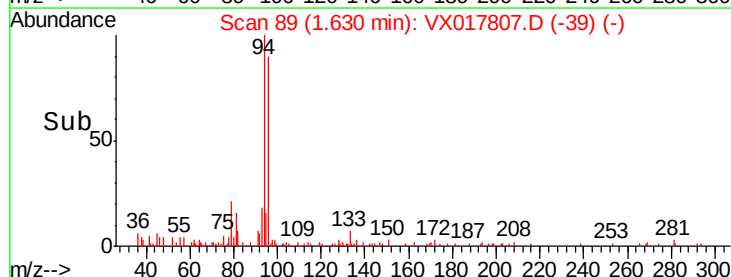
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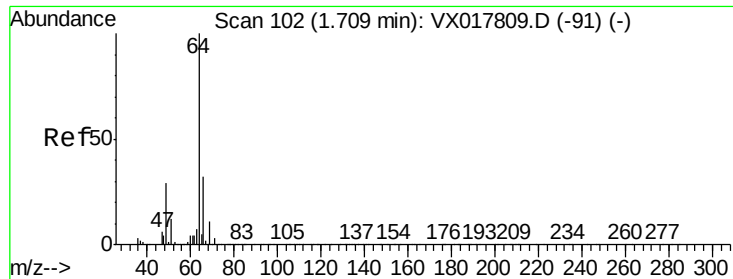
Time-->

1.60

1.65

1.70

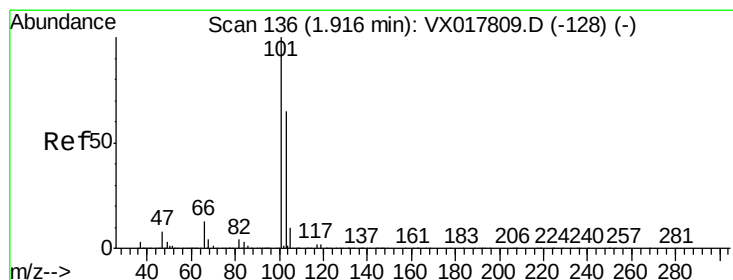
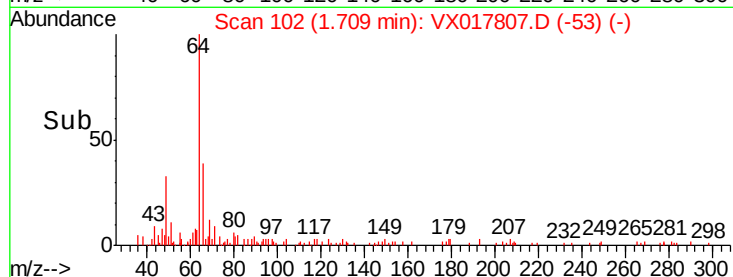
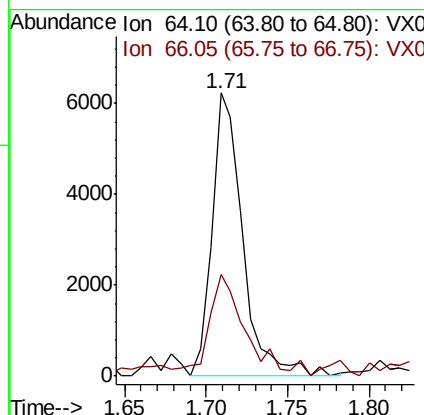
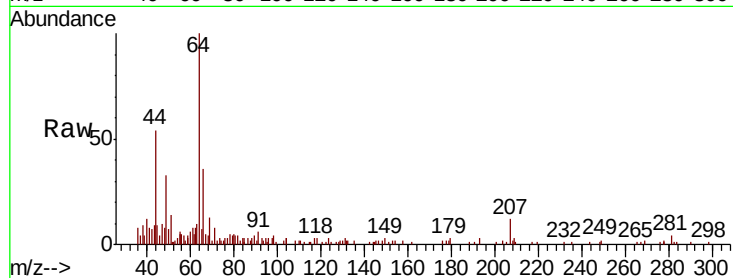




#8
Chloroethane
Concen: 0.431 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

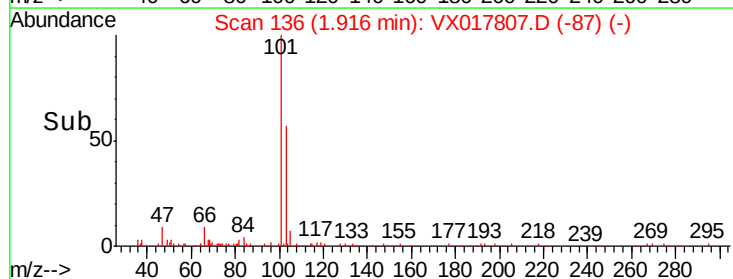
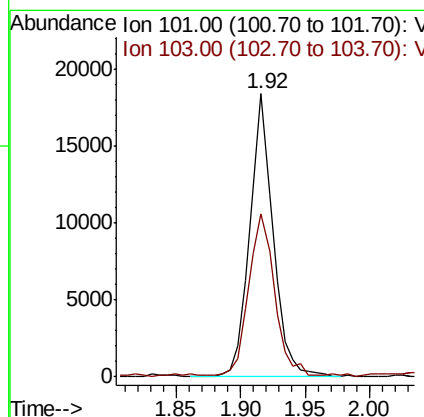
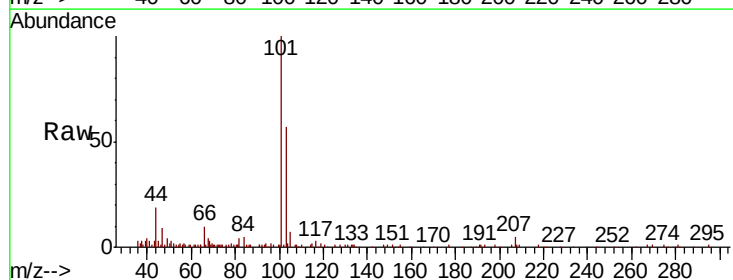
Instrument :
MSVOA_X
ClientSampleId :

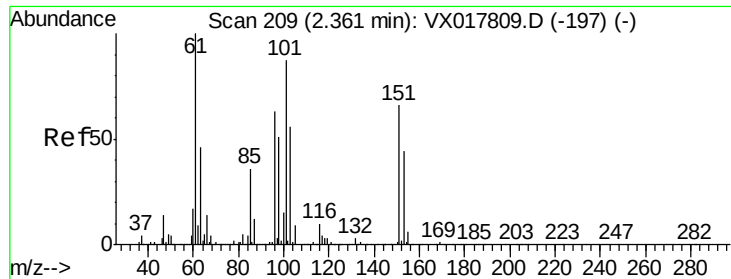
Tot Ion: 64 Resp: 8189
Ion Ratio Lower Upper
64 100
66 35.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.420 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

Tgt Ion: 101 Resp: 22941
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0





#10

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

Concen: 0.414 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017807.D

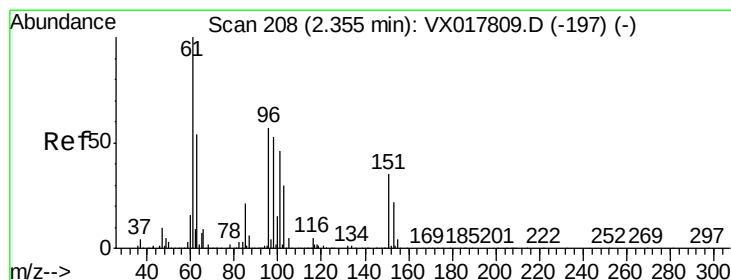
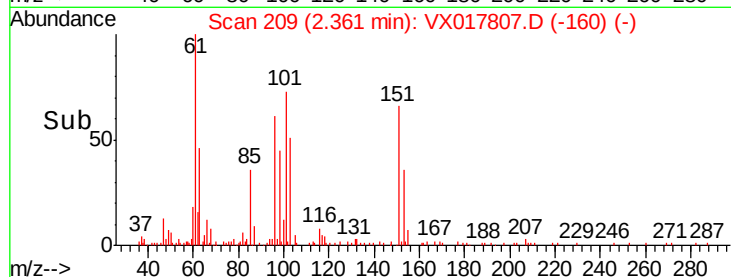
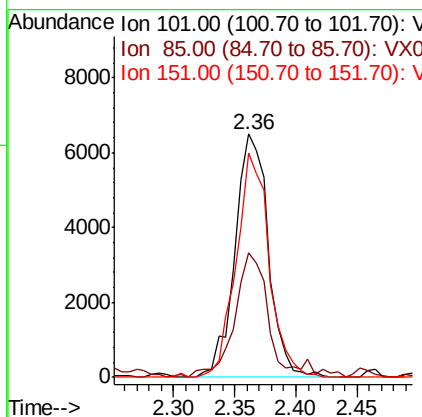
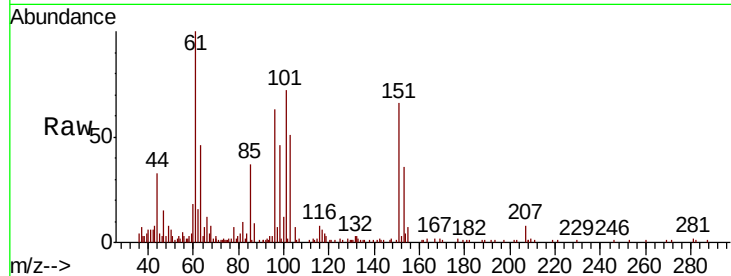
Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	12351
Ion	Ratio	Lower	Upper
101	100		
85	50.3	34.3	51.5
151	90.5	64.8	97.2



#12

1,1-Dichloroethene

Concen: 0.439 ug/L

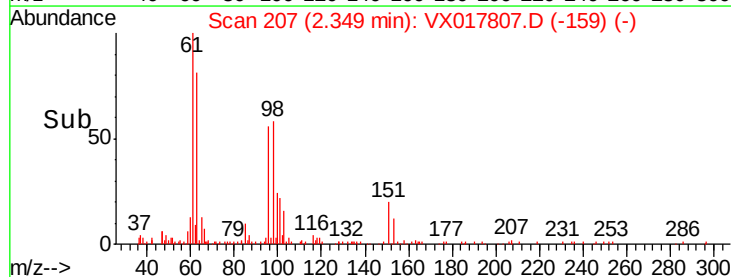
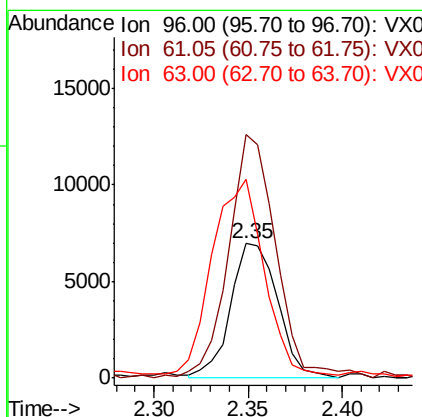
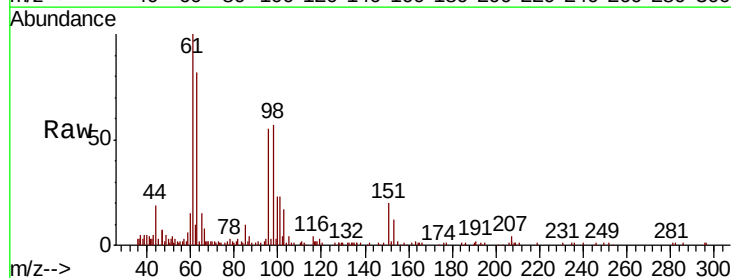
RT: 2.35 min Scan# 207

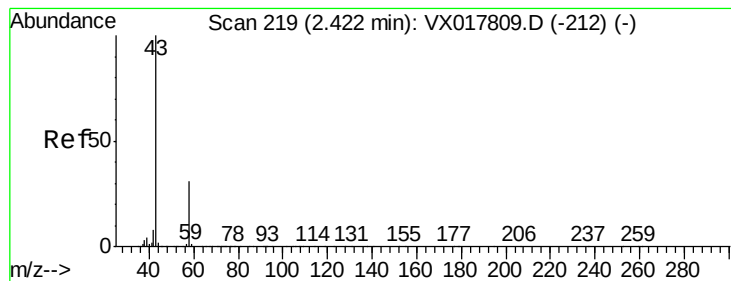
Delta R.T. -0.01 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Tgt Ion:	96	Resp:	12135
Ion	Ratio	Lower	Upper
96	100		
61	181.0	123.5	229.3
63	147.6	67.0	124.4#





#13

Acetone

Concen: 4.518 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

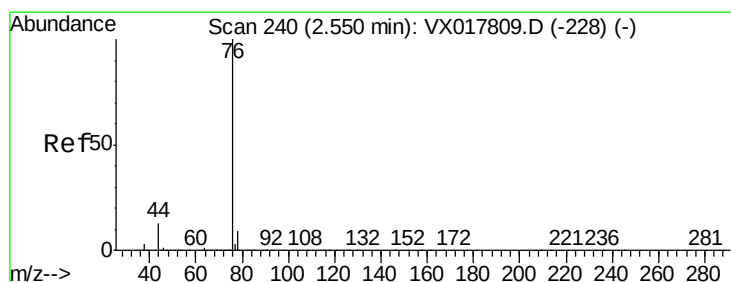
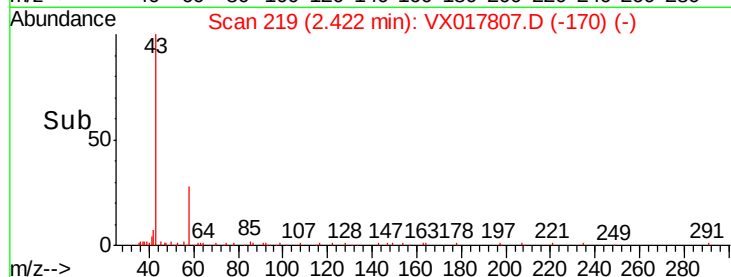
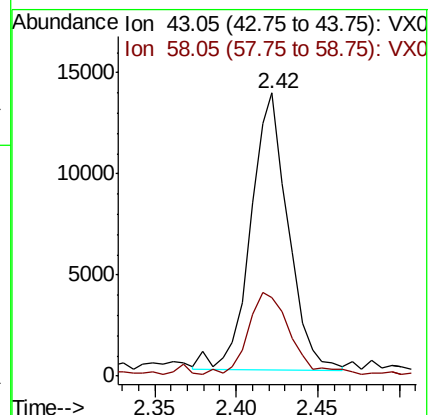
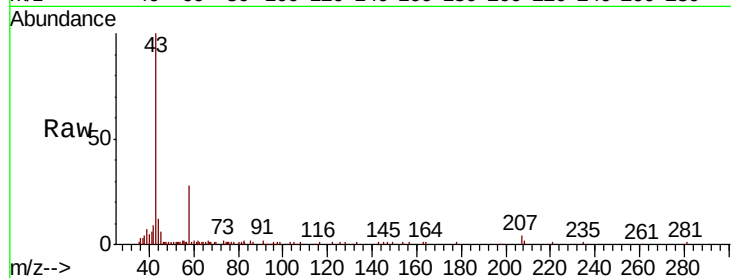
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 21828

Ion Ratio Lower Upper

43 100

58 34.4 0.0 60.8



#14

Carbon disulfide

Concen: 0.457 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017807.D

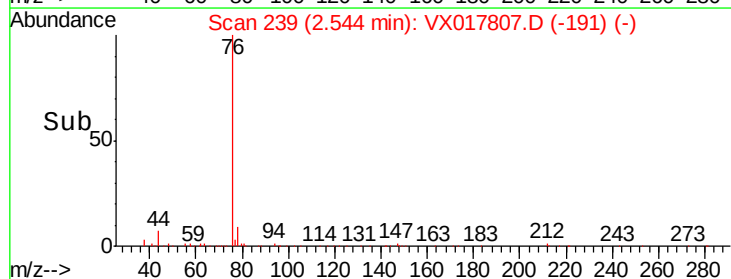
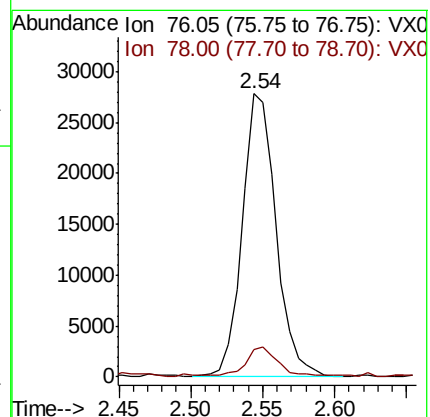
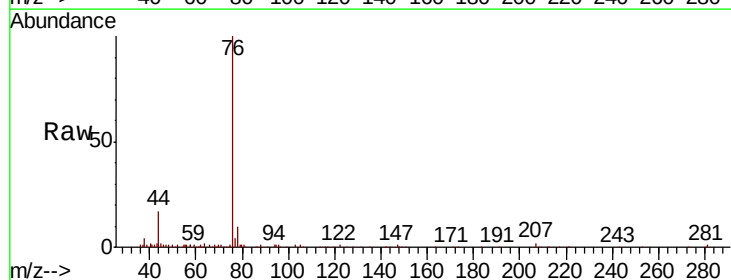
Acq: 06 Aug 2020 15:43

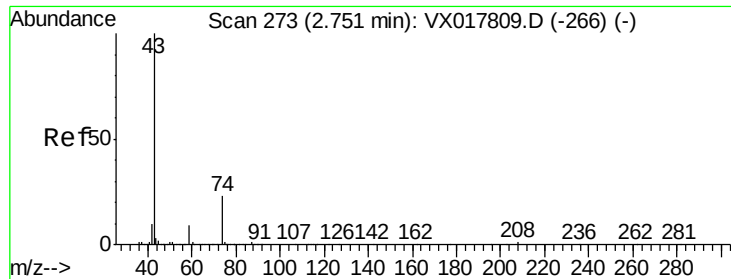
Tgt Ion: 76 Resp: 45297

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4

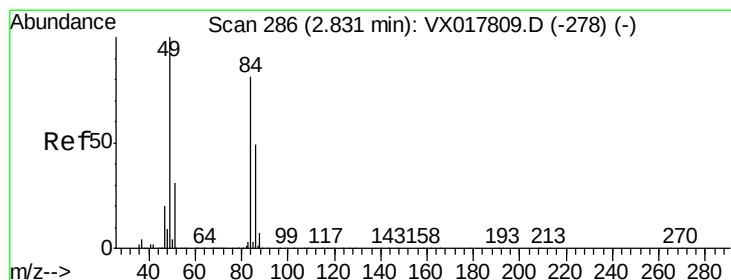
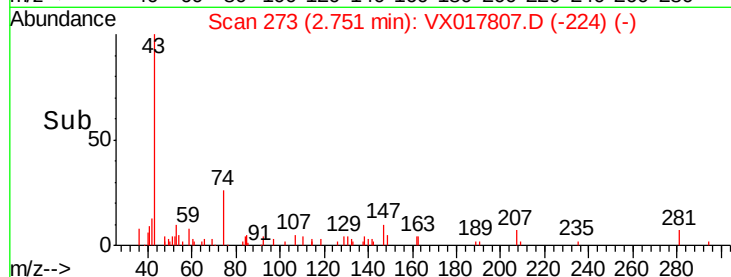
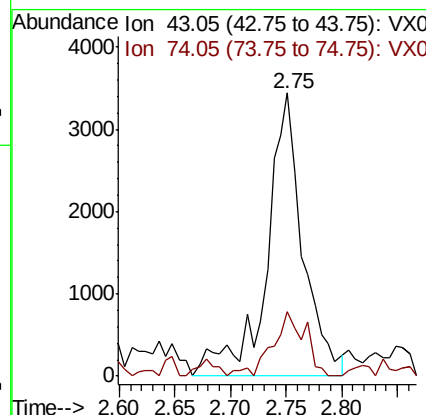
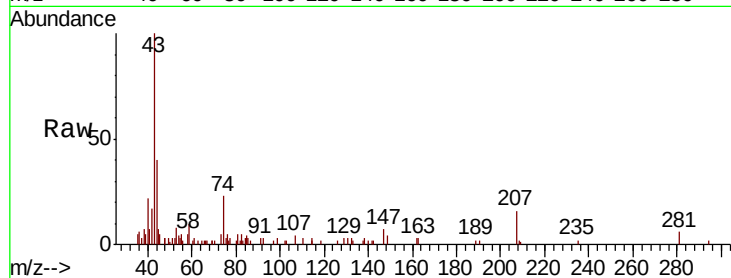




#15
Methyl Acetate
Concen: 0.547 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

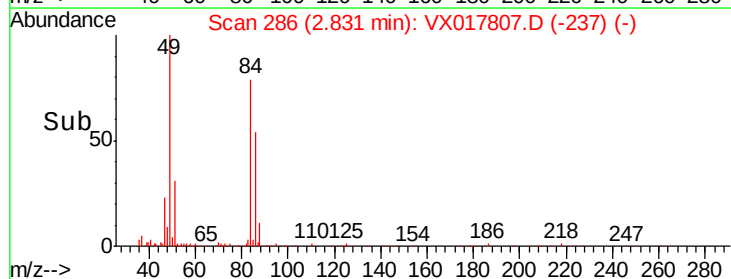
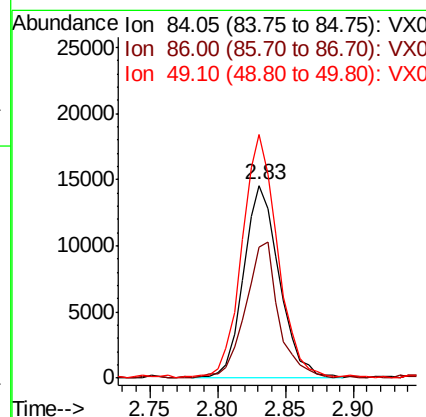
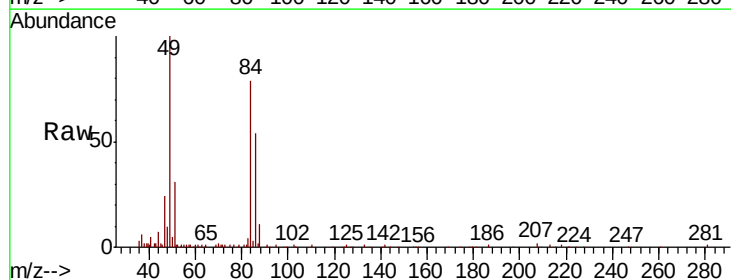
Instrument :
MSVOA_X
ClientSampleId :

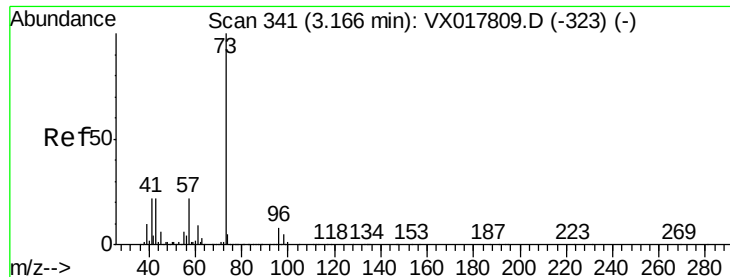
Tot Ion: 43 Resp: 7796
Ion Ratio Lower Upper
43 100
74 20.5 20.4 30.6



#16
Methylene chloride
Concen: 0.701 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

Tgt Ion: 84 Resp: 26762
Ion Ratio Lower Upper
84 100
86 67.9 43.0 80.0
49 126.4 86.9 161.3



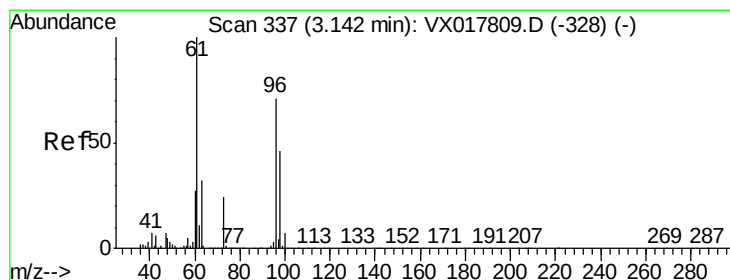
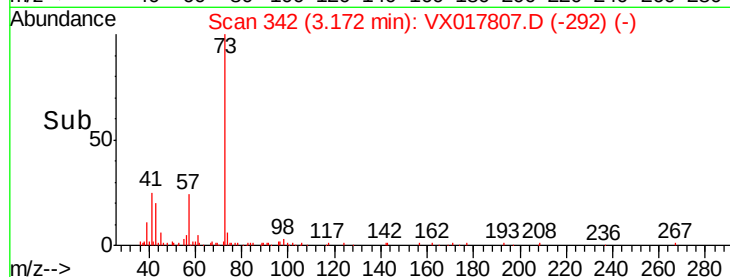
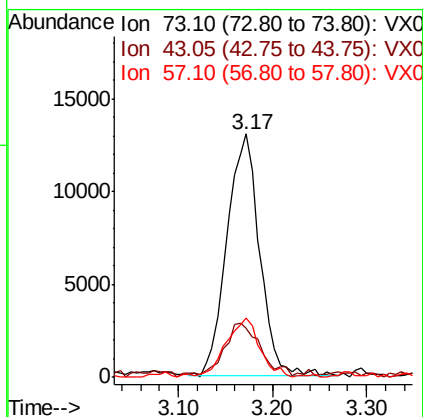
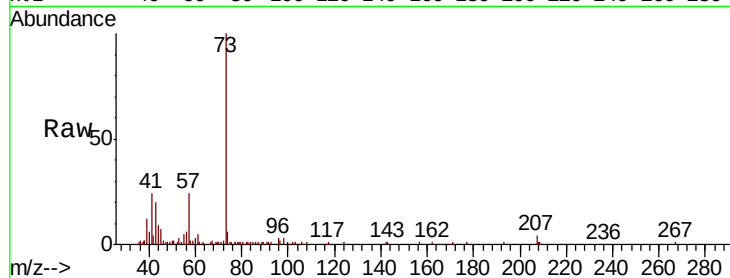


#17

Methyl tert-butyl Ether
 Concen: 0.426 ug/L
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

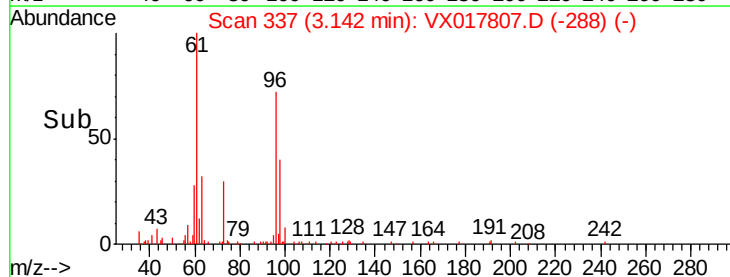
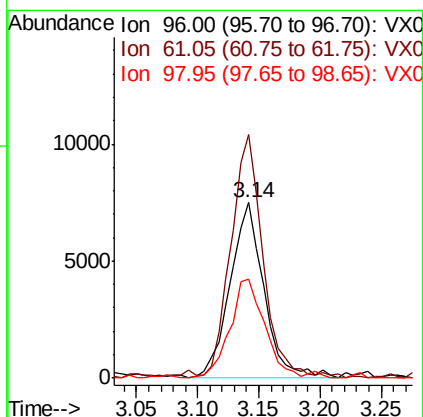
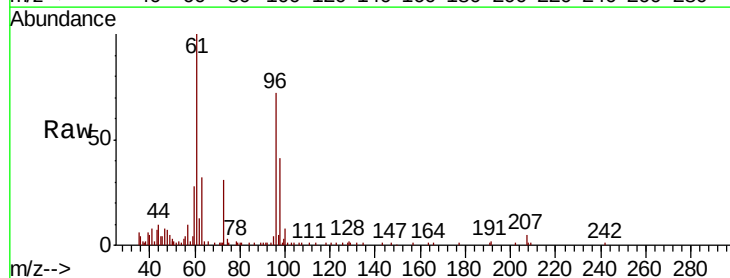
Tot Ion	73	Resp	31523
Ion	Ratio	Lower	Upper
73	100		
43	26.3	17.7	26.5
57	25.8	17.0	25.6#

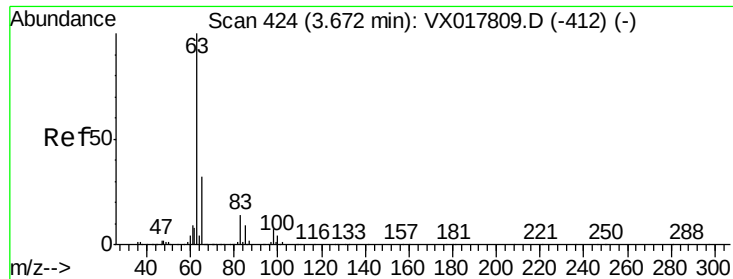


#18

trans-1,2-Dichloroethene
 Concen: 0.462 ug/L
 RT: 3.14 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion	96	Resp	14483
Ion	Ratio	Lower	Upper
96	100		
61	138.7	98.4	182.8
98	56.5	44.9	83.5

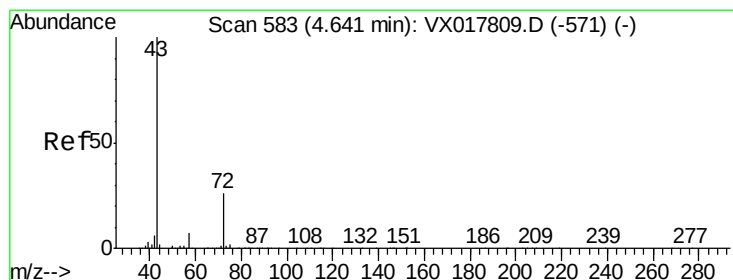
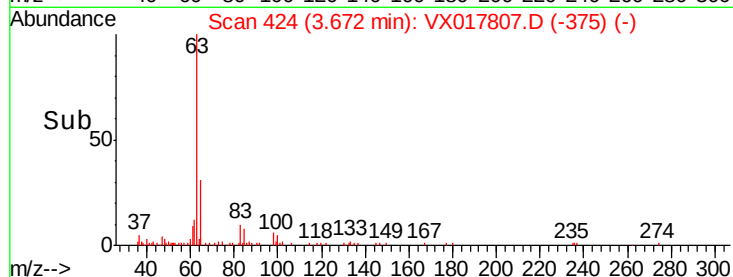
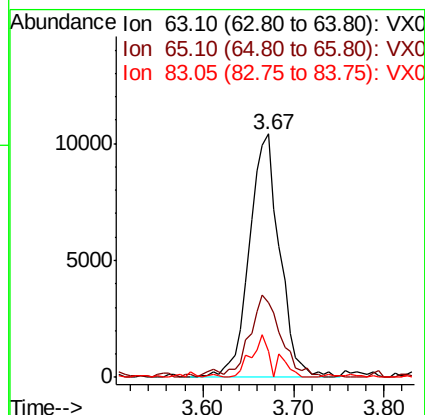
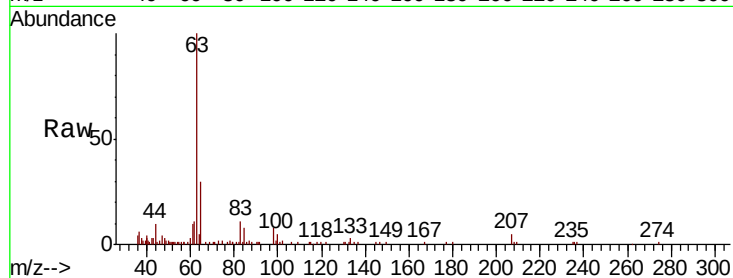




#19
 1,1-Dichloroethane
 Concen: 0.432 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

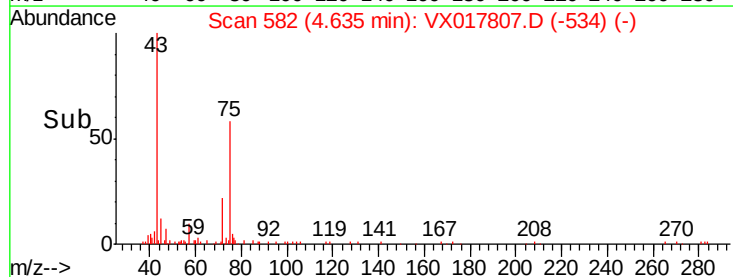
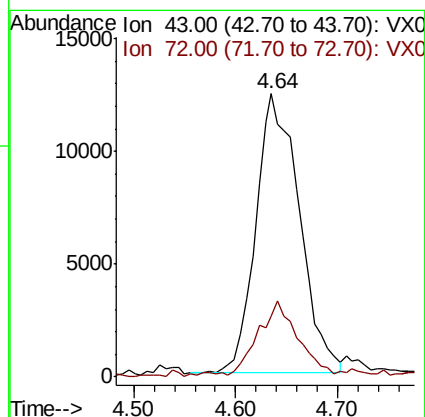
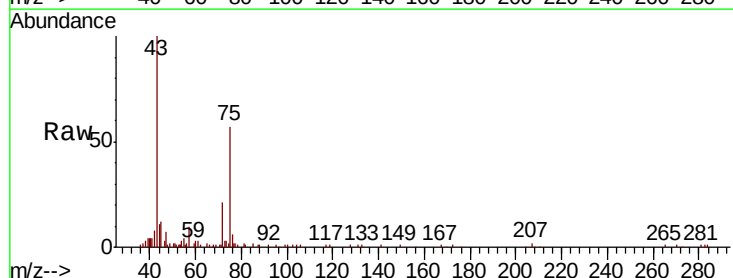
Instrument :
 MSVOA_X
 ClientSampleId :

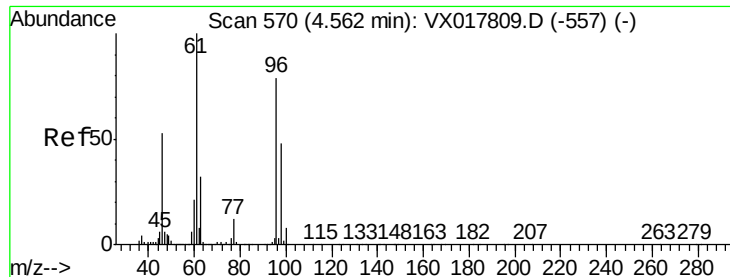
Tot Ion: 63 Resp: 24138
 Ion Ratio Lower Upper
 63 100
 65 30.4 22.6 42.0
 83 10.7 9.5 17.7



#21
 2-Butanone
 Concen: 4.375 ug/L
 RT: 4.64 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 43 Resp: 36506
 Ion Ratio Lower Upper
 43 100
 72 25.5 13.2 39.6



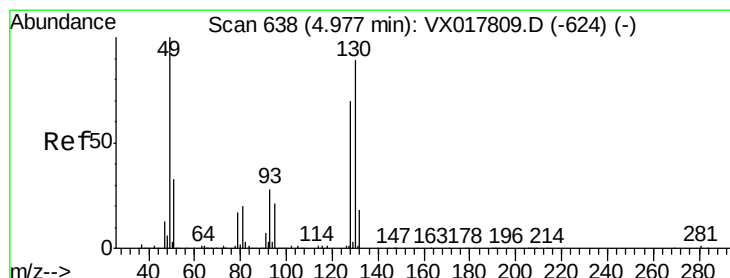
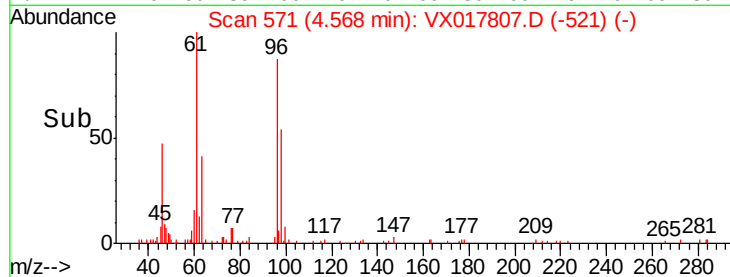
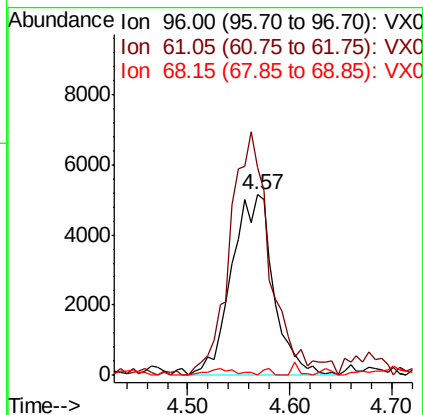
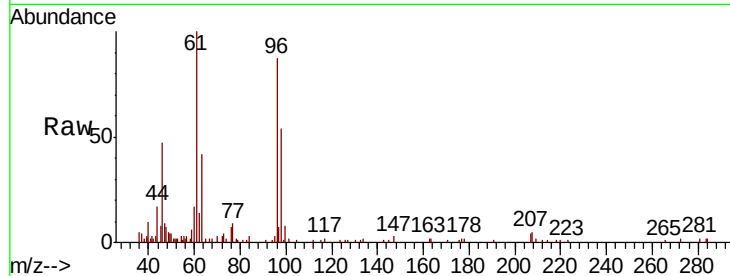


#22

cis-1,2-Dichloroethene
 Concen: 0.447 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

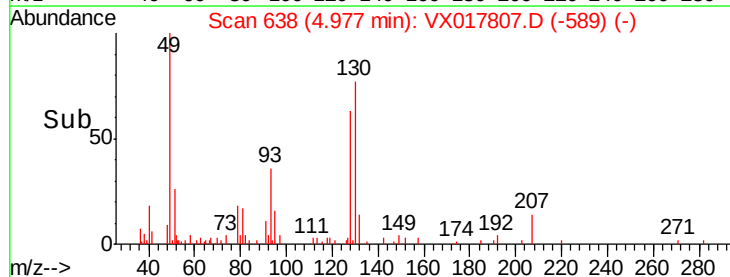
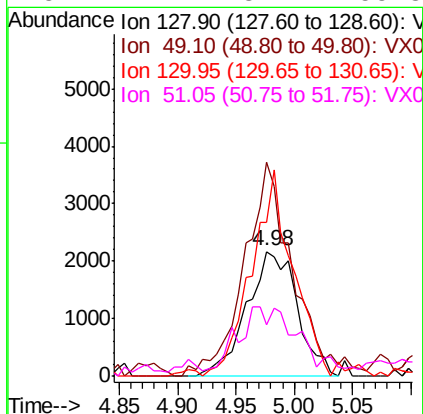
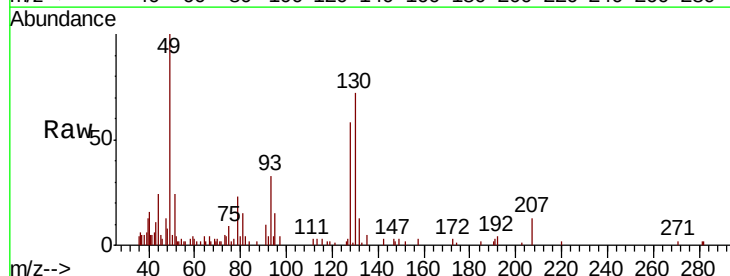
Tot Ion: 96 Resp: 14710
 Ion Ratio Lower Upper
 96 100
 61 115.1 88.8 165.0
 68 0.0 0.2 0.4#

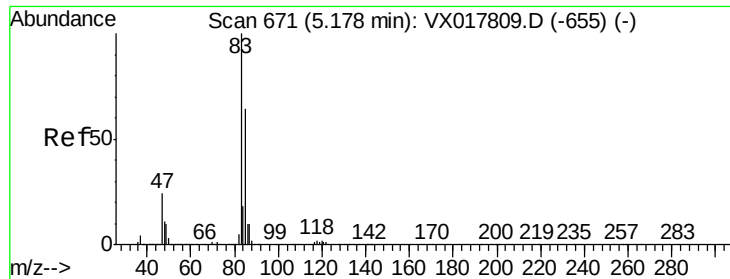


#23

Bromochloromethane
 Concen: 0.422 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 128 Resp: 6493
 Ion Ratio Lower Upper
 128 100
 49 171.3 100.2 186.0
 130 123.3 89.1 165.5
 51 41.4 37.2 55.8

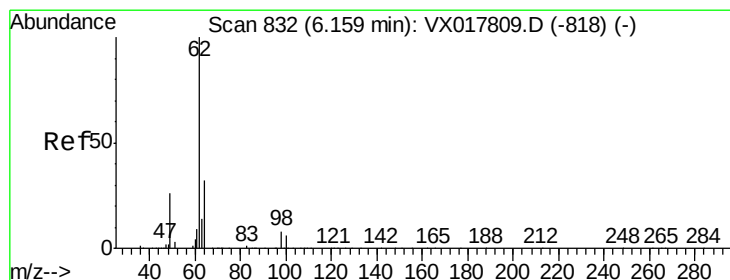
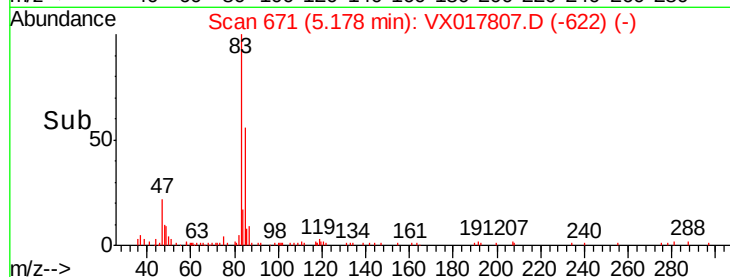
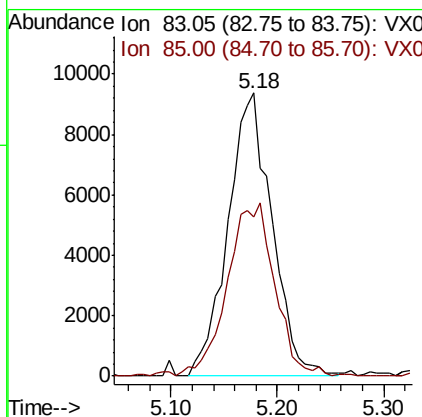
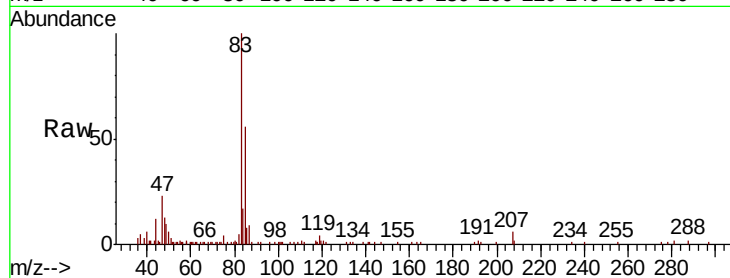




#25
Chloroform
Concen: 0.452 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

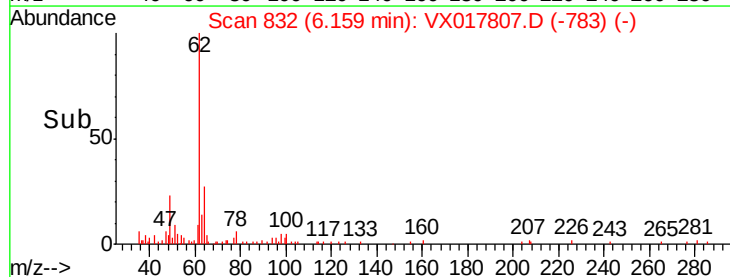
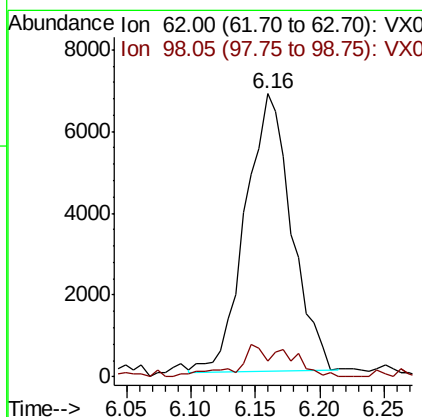
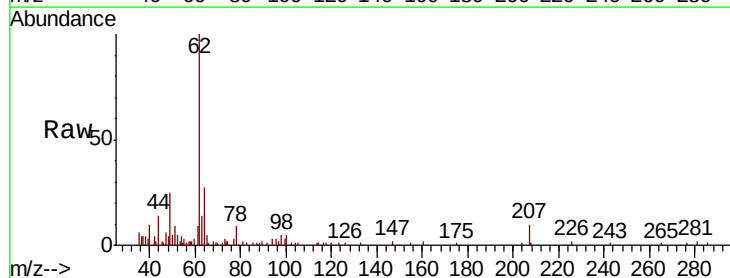
Instrument :
MSVOA_X
ClientSampled :

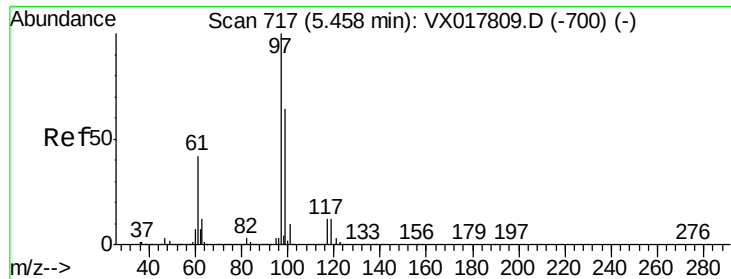
Tot Ion: 83 Resp: 27197
Ion Ratio Lower Upper
83 100
85 56.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 0.439 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

Tgt Ion: 62 Resp: 16973
Ion Ratio Lower Upper
62 100
98 5.4 6.7 10.1#

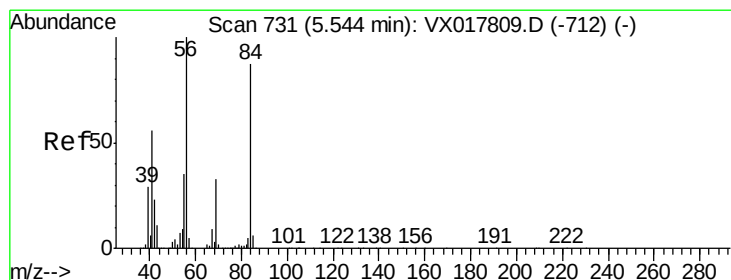
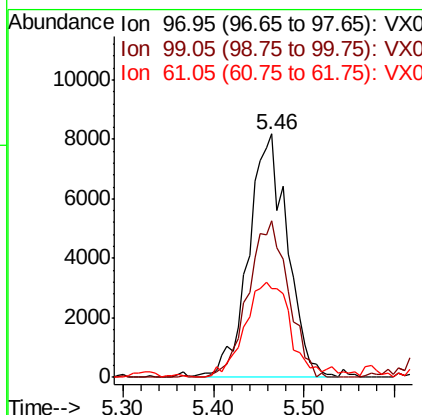
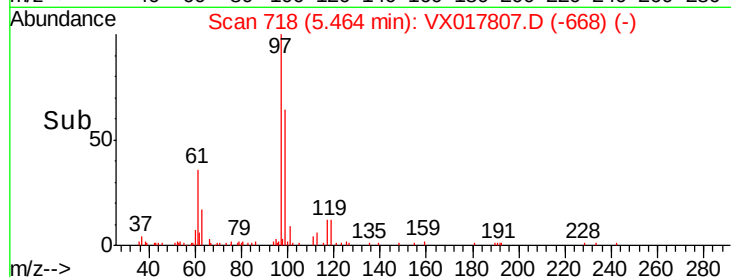
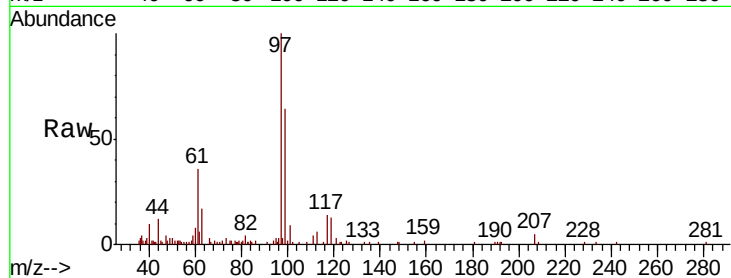




#29
 1,1,1-Trichloroethane
 Concen: 0.436 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

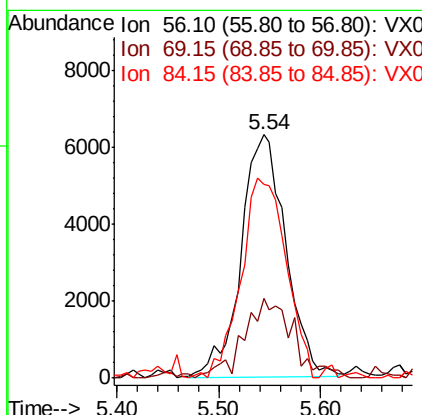
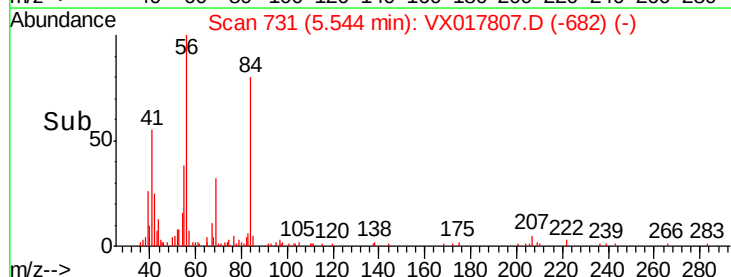
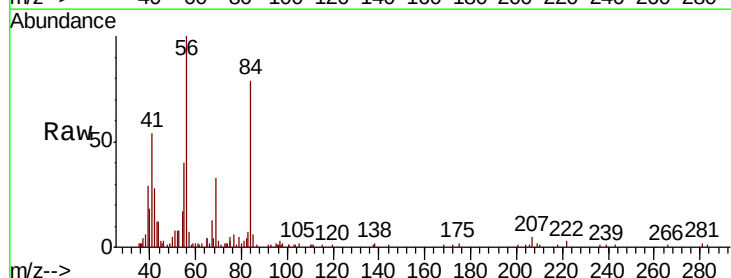
Instrument :
 MSVOA_X
 ClientSampled :

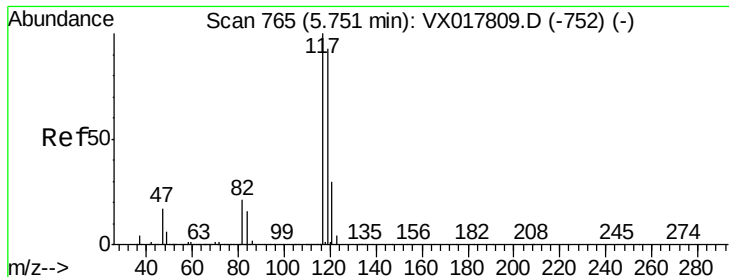
Tot Ion: 97 Resp: 24318
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.2 78.2
 61 44.9 33.8 50.6



#30
 Cyclohexane
 Concen: 0.398 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 56 Resp: 19231
 Ion Ratio Lower Upper
 56 100
 69 36.4 25.1 37.7
 84 83.3 70.7 106.1





#31

Carbon tetrachloride

Concen: 0.417 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

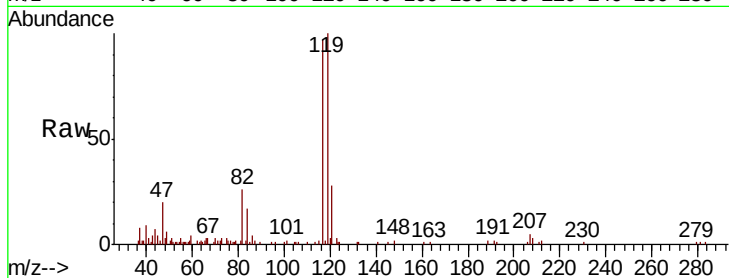
ClientSampleId :

Tot Ion:117 Resp: 21419

Ion Ratio Lower Upper

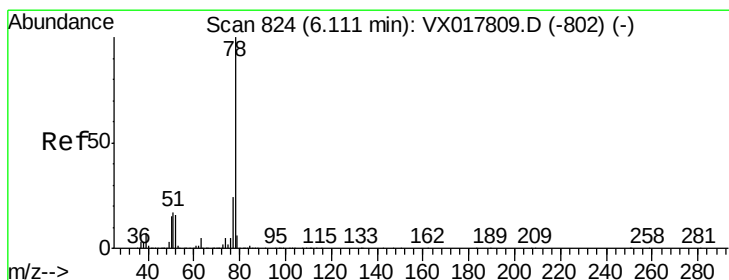
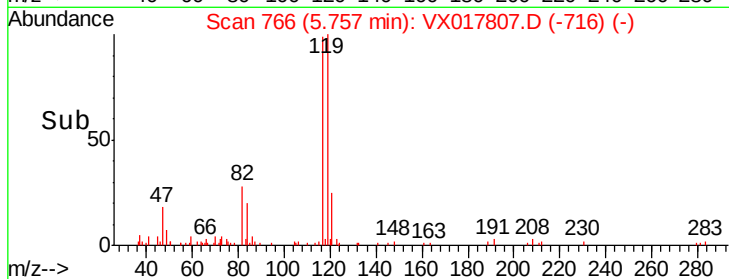
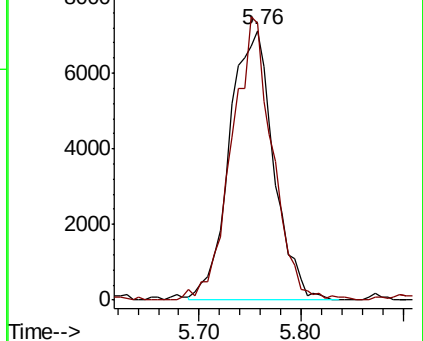
117 100

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: 0.416 ug/L

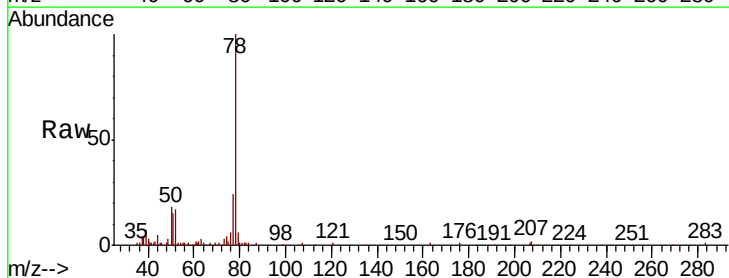
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

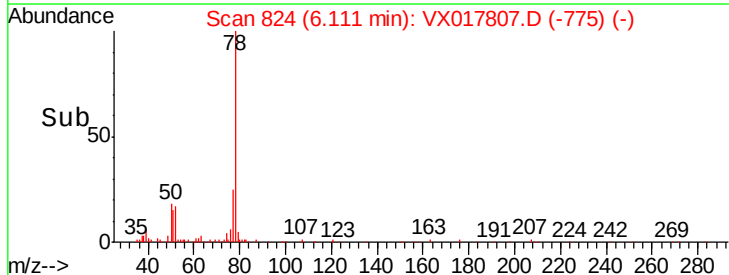
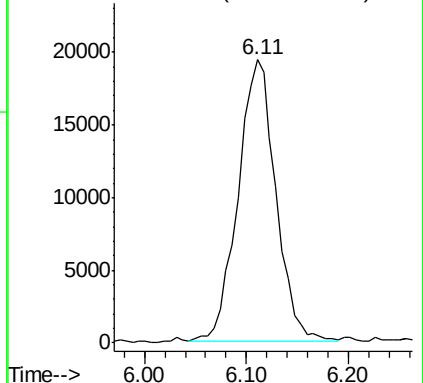
Lab File: VX017807.D

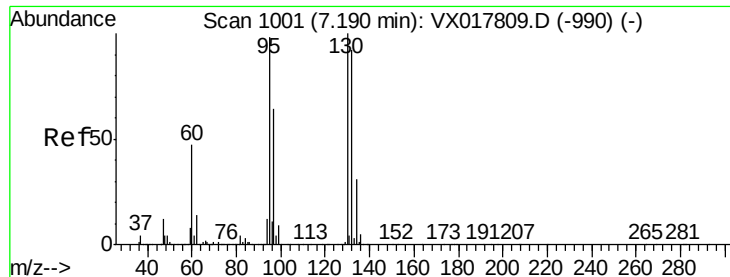
Acq: 06 Aug 2020 15:43

Tgt Ion: 78 Resp: 50003



Abundance Ion 78.10 (77.80 to 78.80): VX0

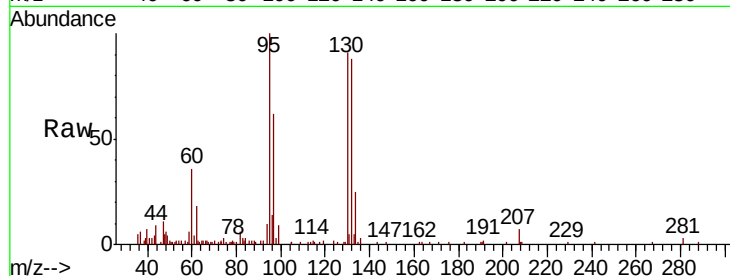




#34
 Trichloroethene
 Concen: 0.451 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	95	Resp	15825
Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.1	85.5
132	88.1	66.0	122.6
130	91.0	71.7	133.1



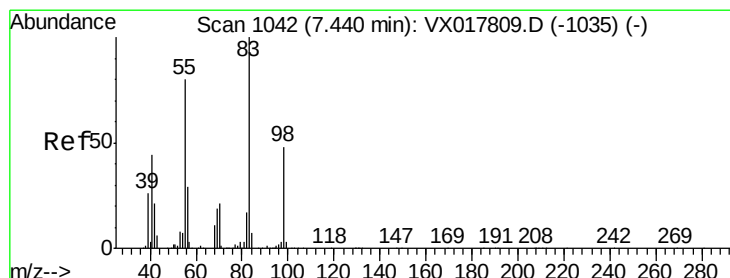
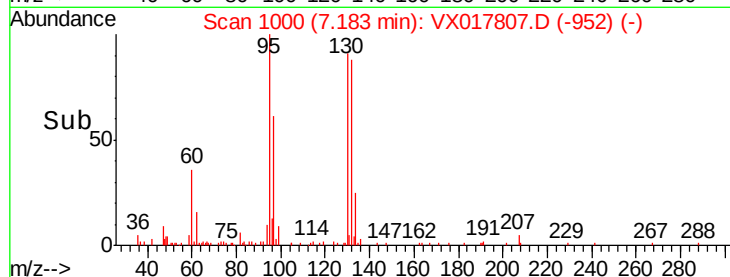
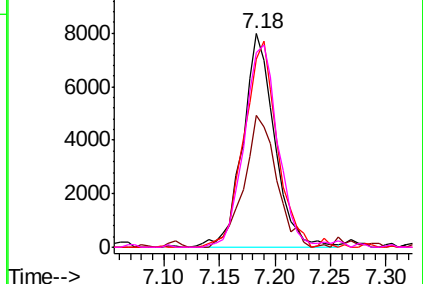
Abundance

Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

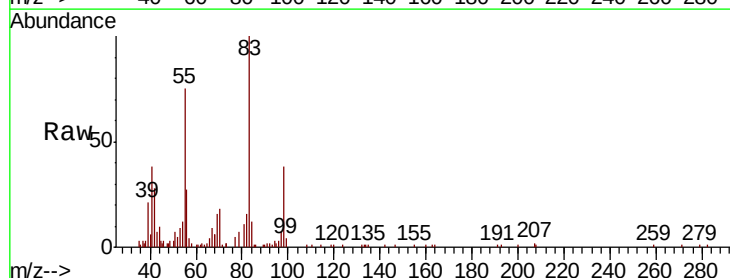
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 0.408 ug/L
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion	83	Resp	20163
Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.4	93.6
98	44.7	38.0	57.0

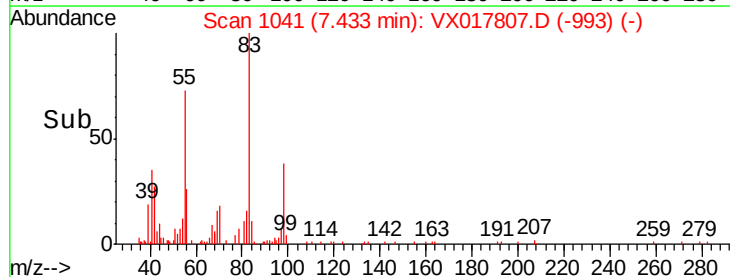
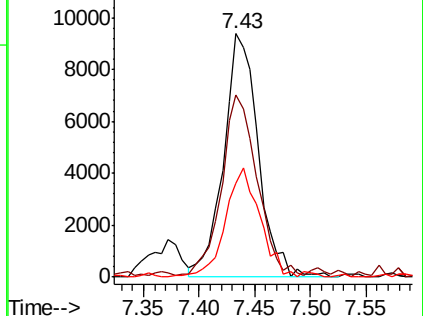


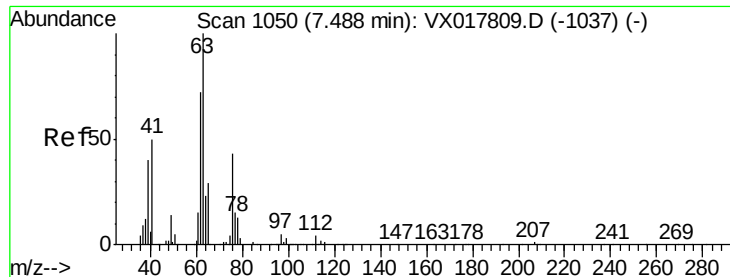
Abundance

Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

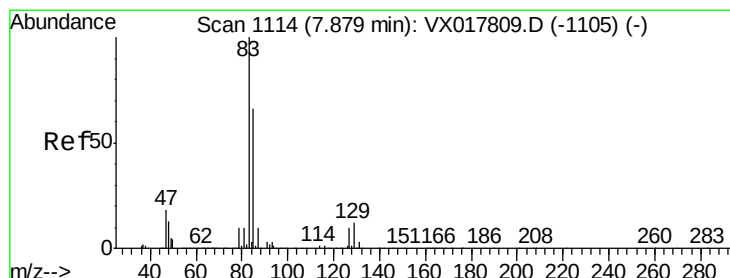
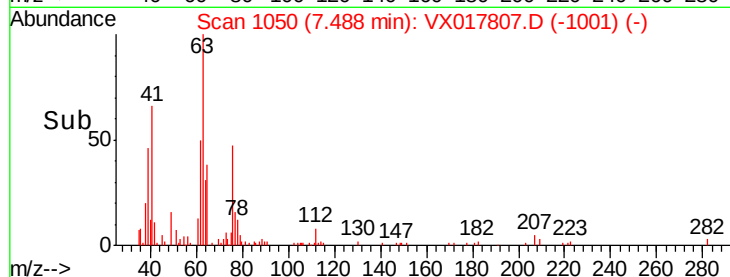
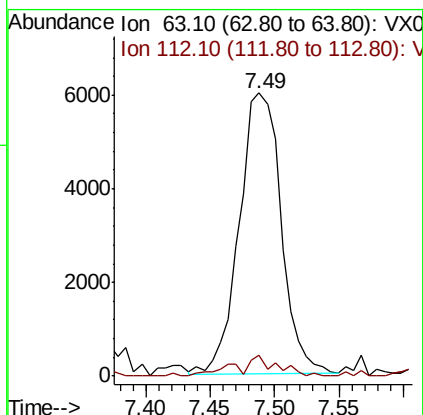
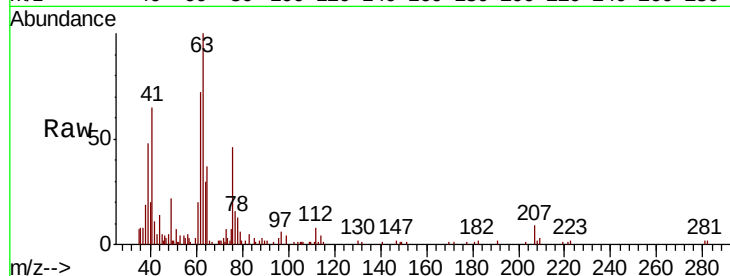




#37
 1,2-Dichloropropane
 Concen: 0.446 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

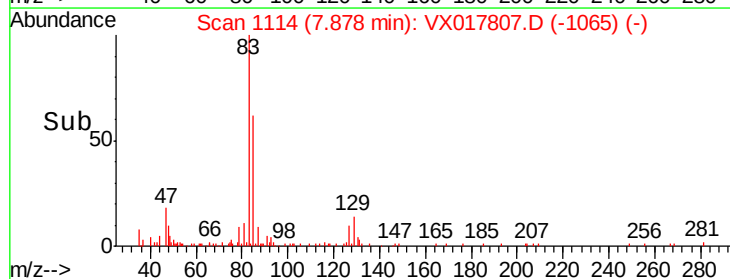
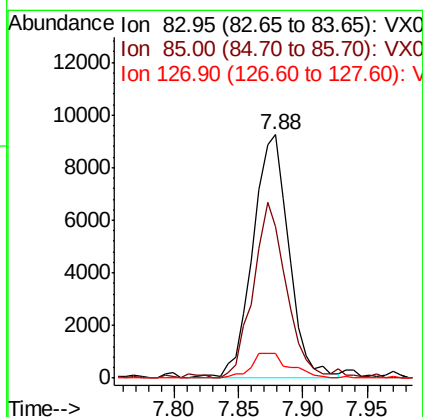
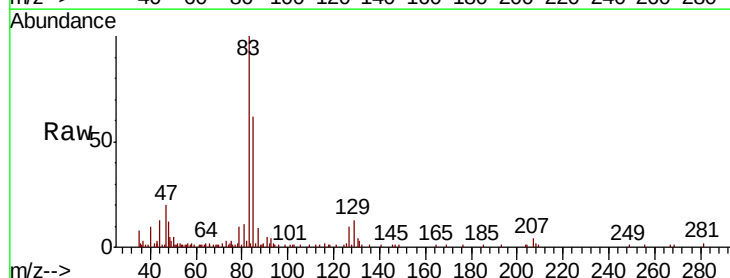
Instrument :
 MSVOA_X
 ClientSampleId :

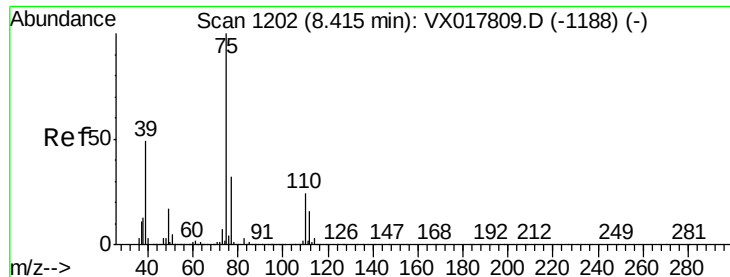
Tot Ion: 63 Resp: 13497
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.6 5.4



#38
 Bromodichloromethane
 Concen: 0.425 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 83 Resp: 17914
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.9 85.3
 127 10.2 7.9 11.9

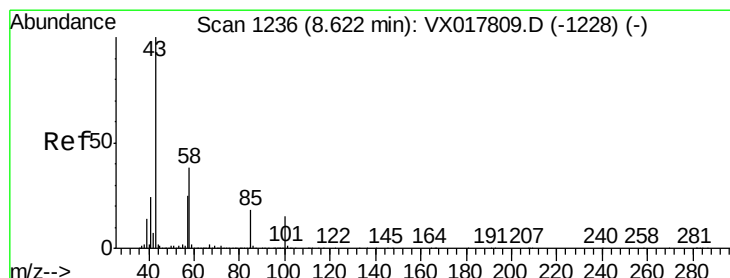
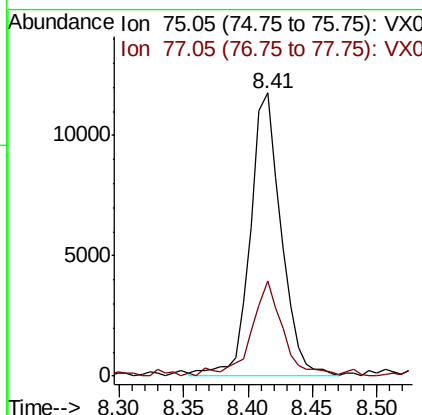
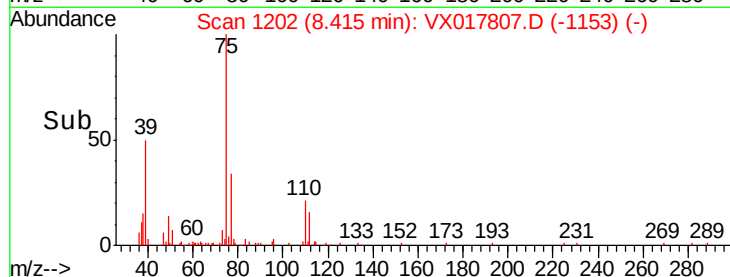
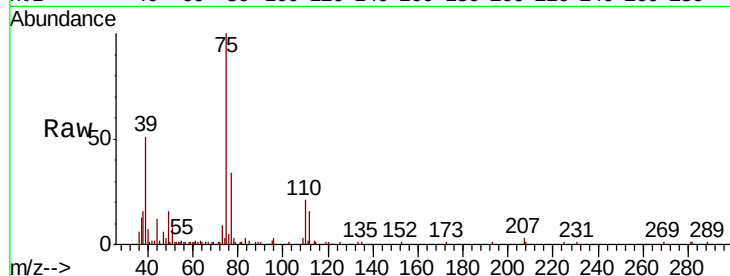




#39
 cis-1,3-Dichloropropene
 Concen: 0.417 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

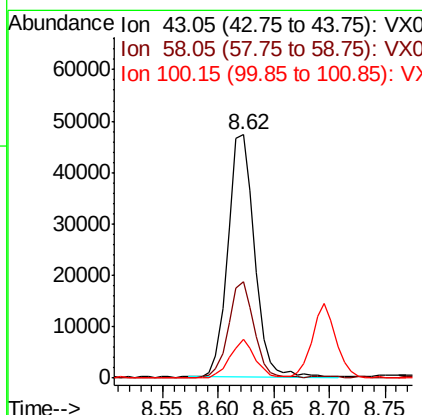
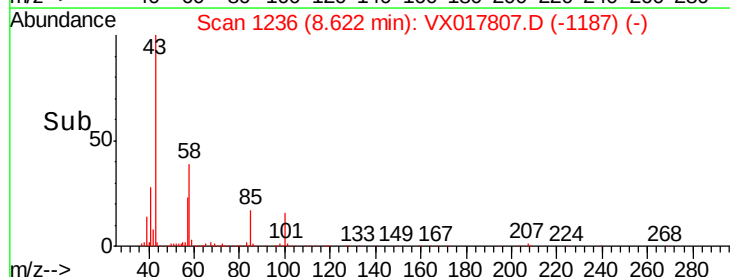
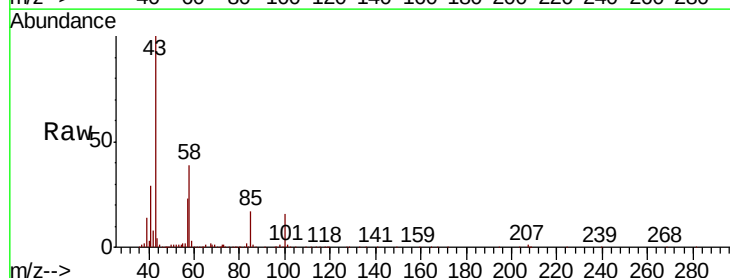
Instrument :
 MSVOA_X
 ClientSampled :

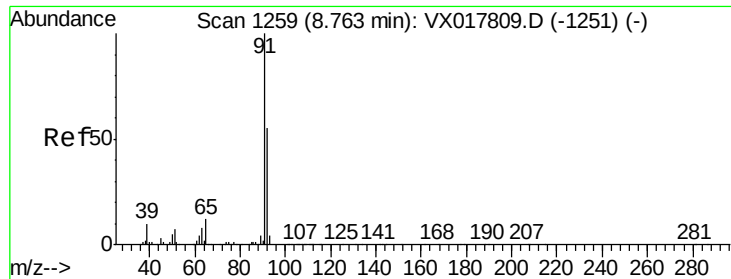
Tot Ion: 75 Resp: 19427
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 3.975 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 43 Resp: 78279
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.1 46.7
 100 15.5 12.2 18.4





#42

Toluene

Concen: 0.406 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

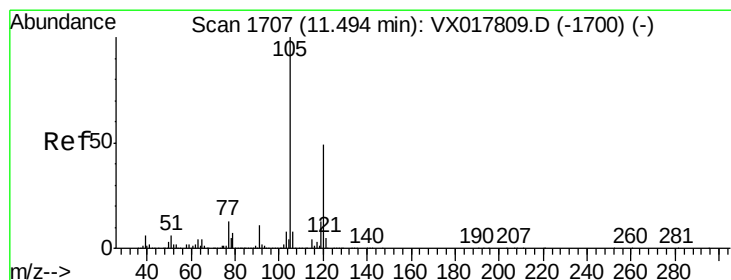
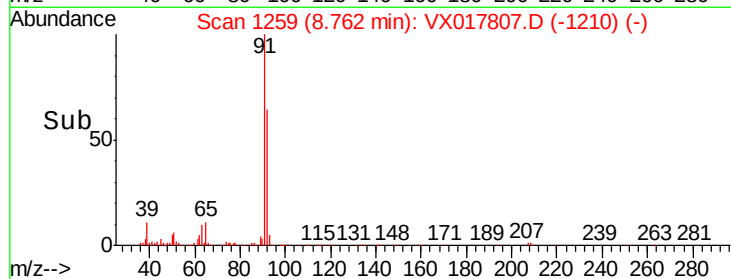
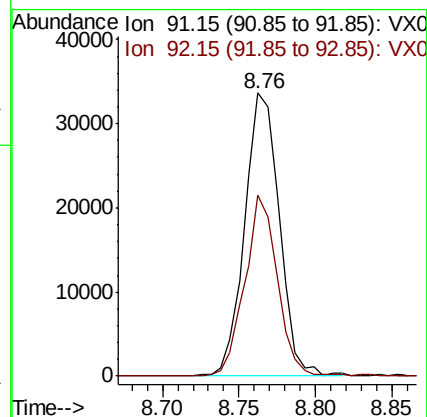
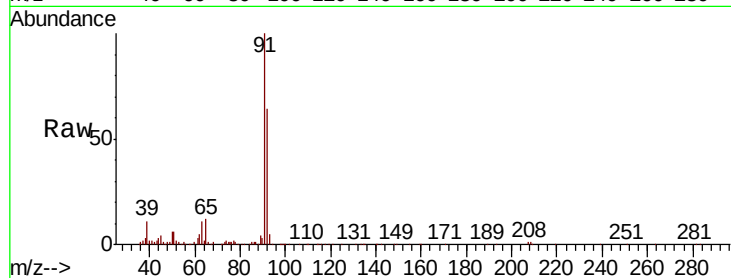
ClientSampleId :

Tot Ion: 91 Resp: 52997

Ion Ratio Lower Upper

91 100

92 63.9 38.8 72.0



#43

1,3,5-Trimethylbenzene

Concen: 0.351 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017807.D

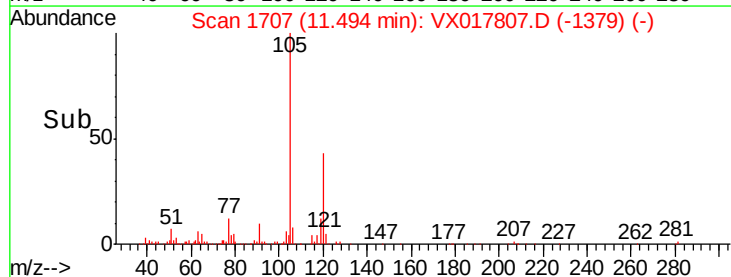
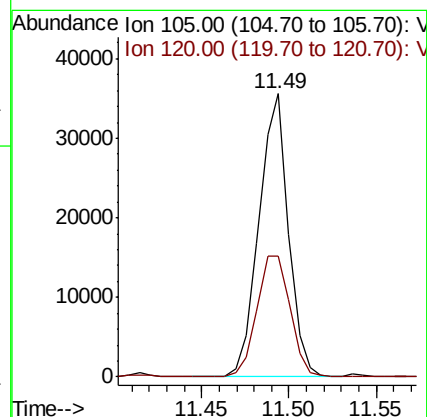
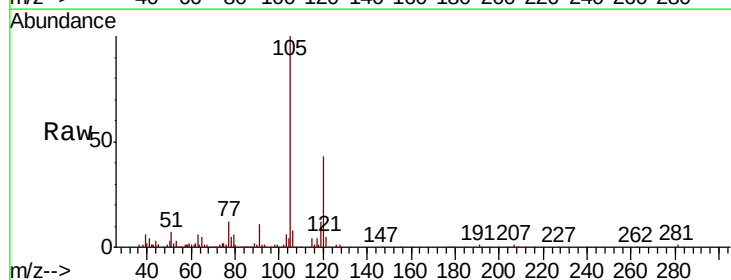
Acq: 06 Aug 2020 15:43

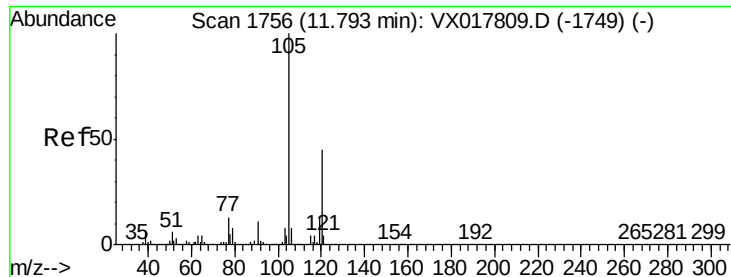
Tgt Ion: 105 Resp: 41798

Ion Ratio Lower Upper

105 100

120 48.6 38.1 57.1

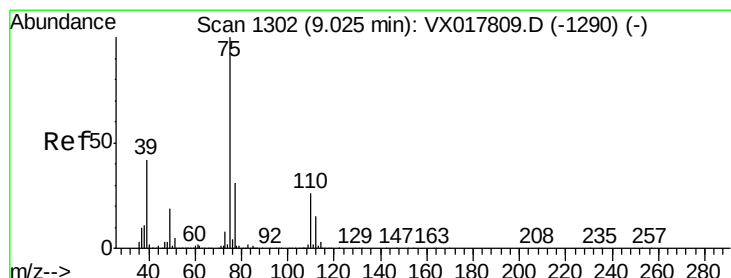
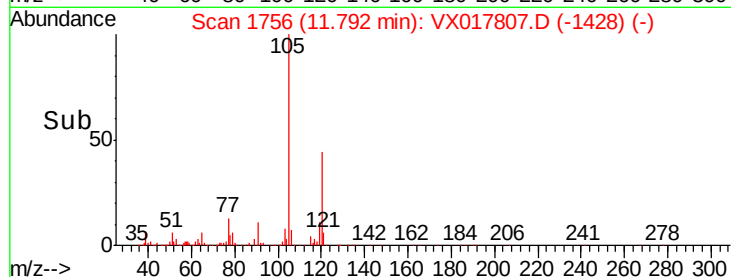
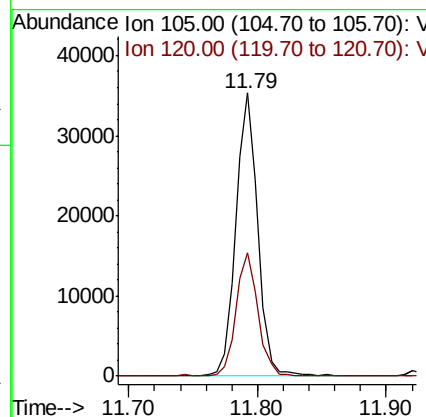
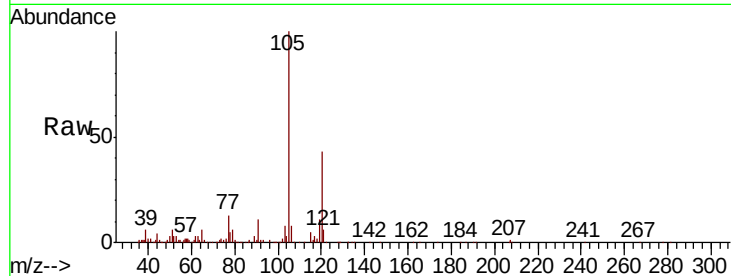




#44
 1,2,4-Trimethylbenzene
 Concen: 0.345 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

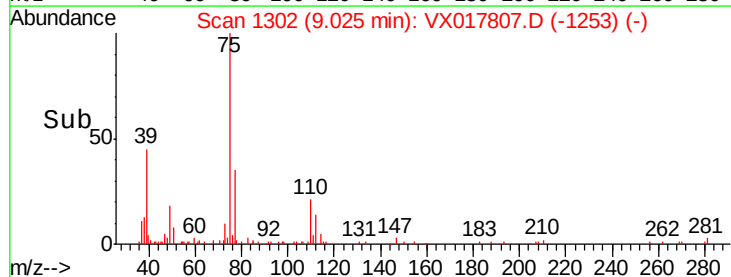
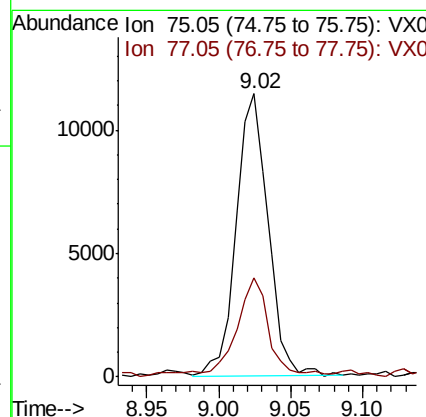
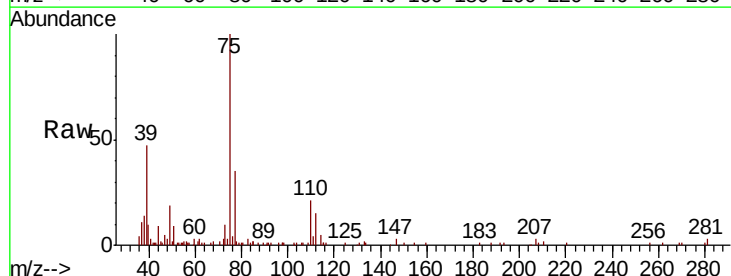
Instrument :
 MSVOA_X
 ClientSampleId :

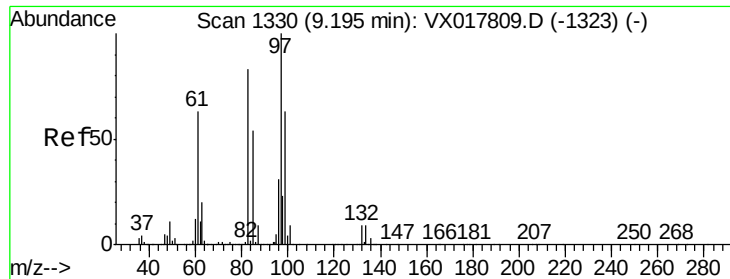
Tot Ion:105 Resp: 41909
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.8 53.8



#46
 trans-1,3-Dichloropropene
 Concen: 0.427 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 75 Resp: 17737
 Ion Ratio Lower Upper
 75 100
 77 35.1 21.6 40.2

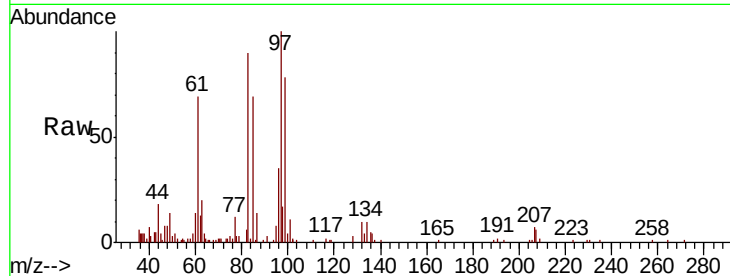




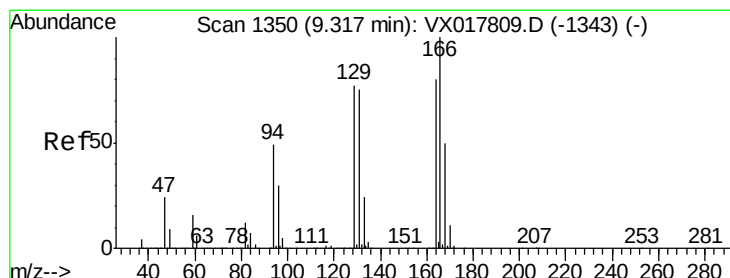
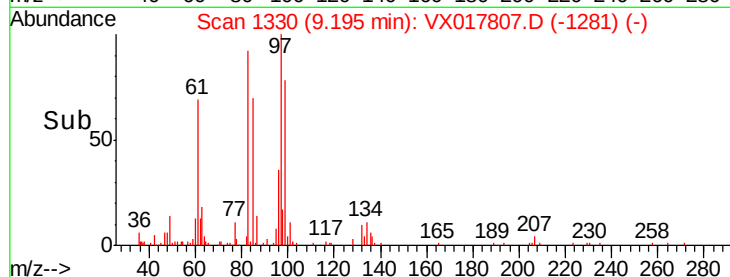
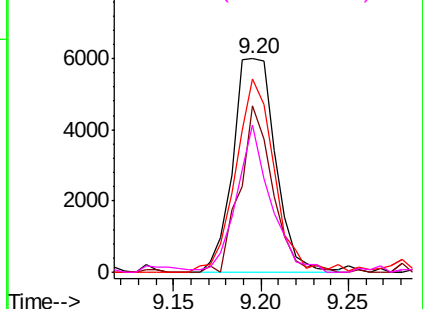
#47
 1,1,2-Trichloroethane
 Concen: 0.448 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	10173
Ion	Ratio	Lower	Upper
97	100		
99	77.9	43.9	81.5
83	90.5	58.4	108.6
85	69.1	37.5	69.6

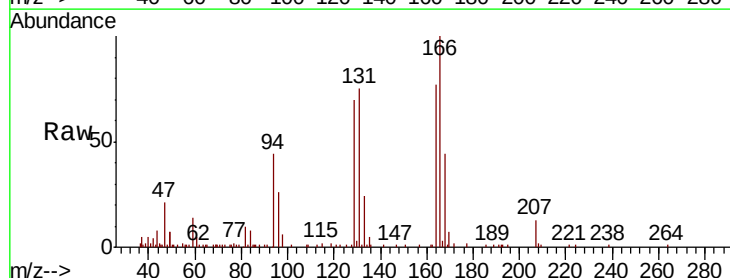


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

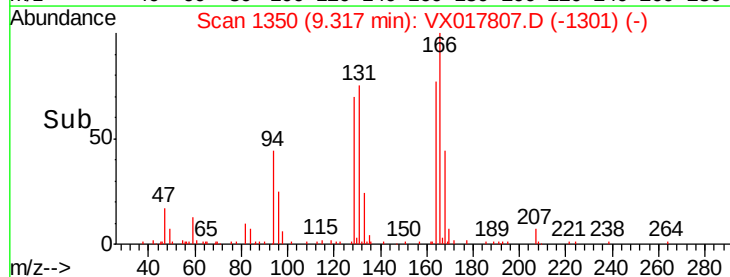
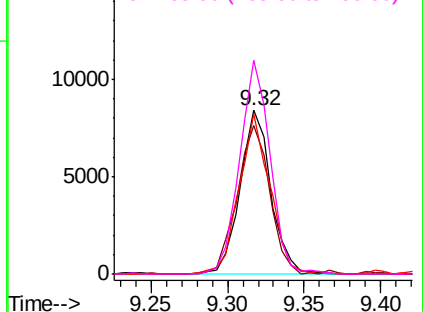


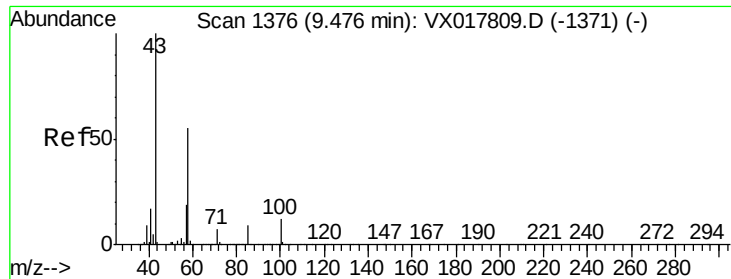
#49
 Tetrachloroethene
 Concen: 0.416 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion:	164	Resp:	11673
Ion	Ratio	Lower	Upper
164	100		
129	90.8	67.4	125.2
131	97.5	65.3	121.3
166	130.5	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

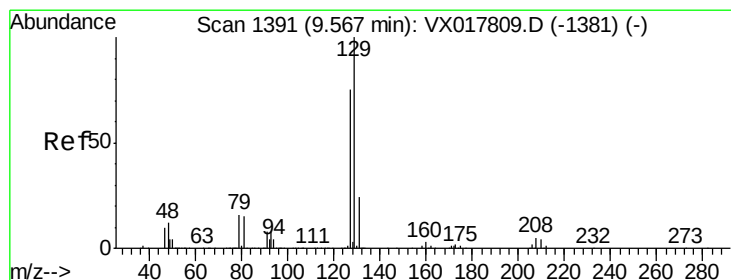
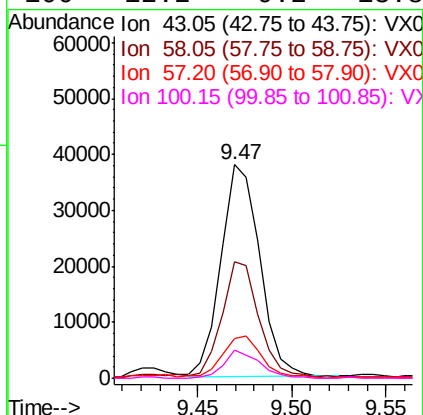
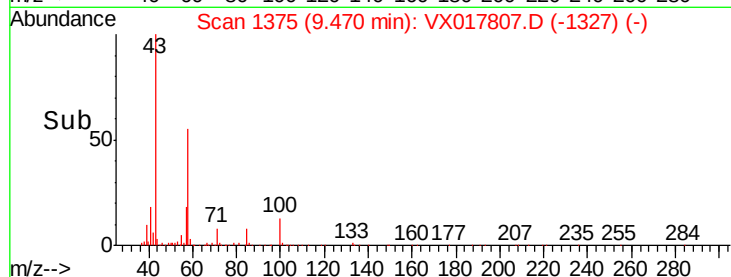
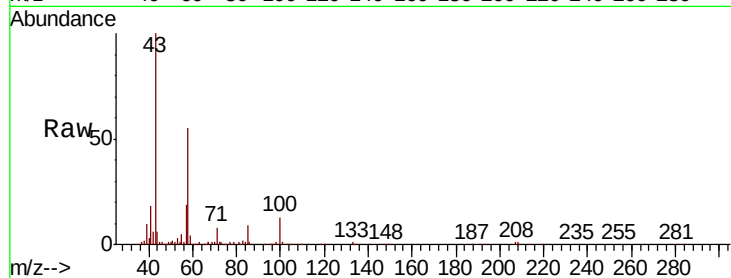




#50
2-Hexanone
Concen: 3.847 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

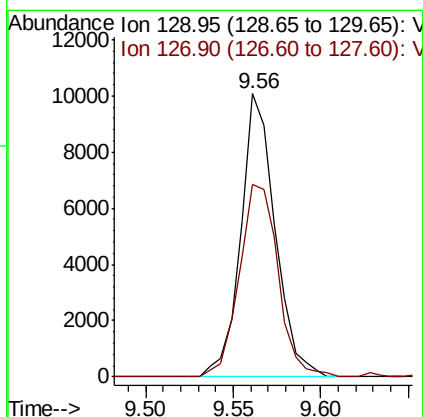
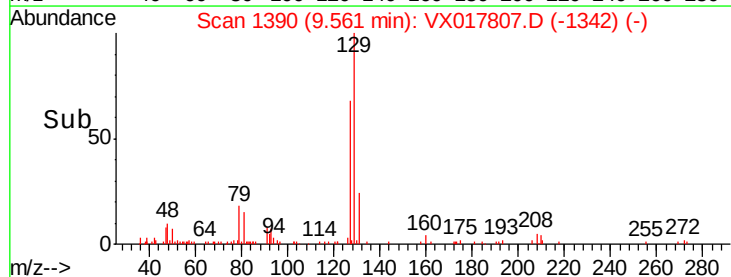
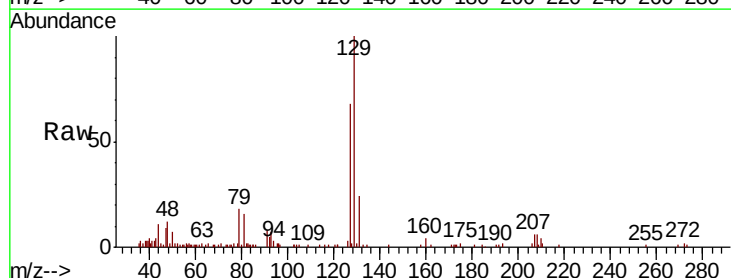
Instrument :
MSVOA_X
ClientSampleId :

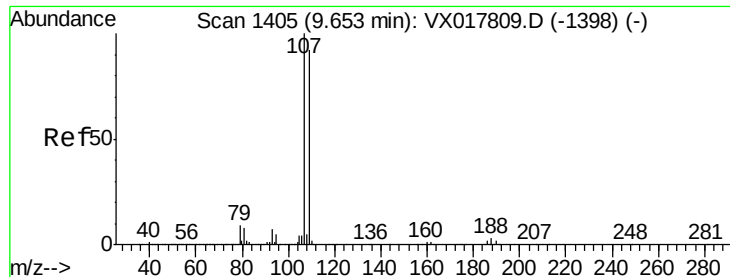
Tot Ion:	43	Resp:	54302
Ion	Ratio	Lower	Upper
43	100		
58	53.1	43.0	64.6
57	20.7	15.0	22.4
100	12.2	9.2	13.8



#51
Dibromochloromethane
Concen: 0.438 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017807.D
Acq: 06 Aug 2020 15:43

Tgt Ion:	129	Resp:	13703
Ion	Ratio	Lower	Upper
129	100		
127	68.1	52.5	97.5





#52

1,2-Dibromoethane

Concen: 0.431 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

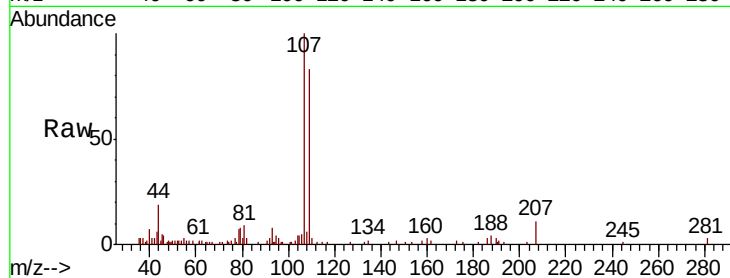
Tot Ion:107 Resp: 9581

Ion Ratio Lower Upper

107 100

109 82.9 64.6 120.0

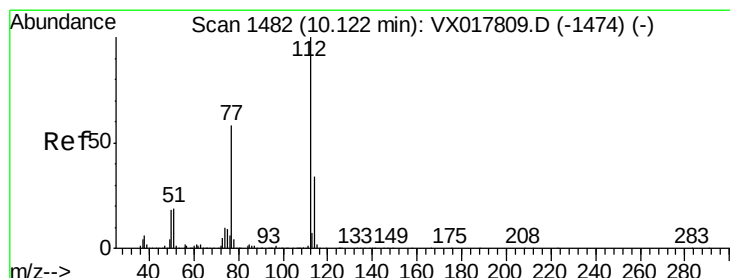
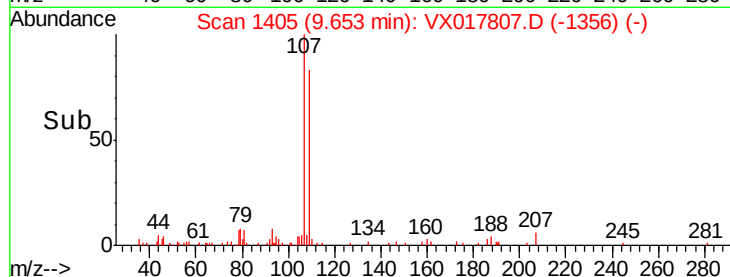
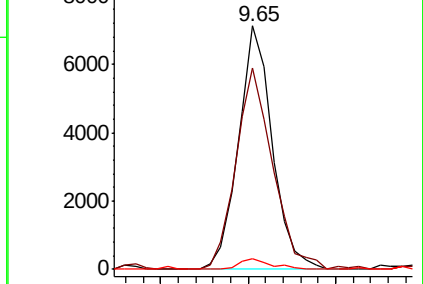
188 4.3 2.5 3.7#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 0.417 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

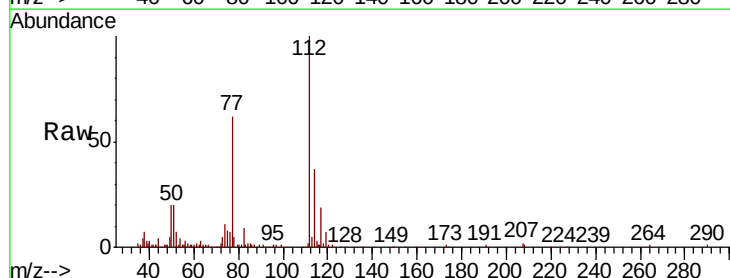
Tgt Ion:112 Resp: 35458

Ion Ratio Lower Upper

112 100

114 37.4 23.5 43.7

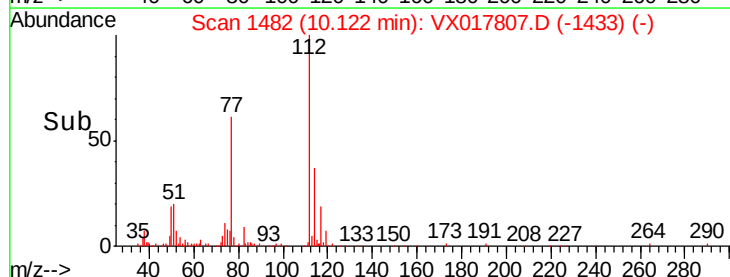
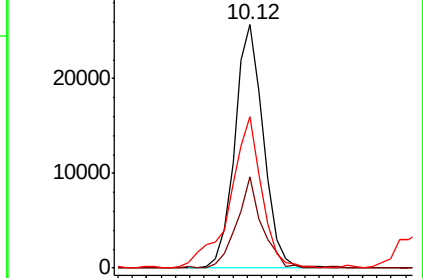
77 62.0 46.7 70.1

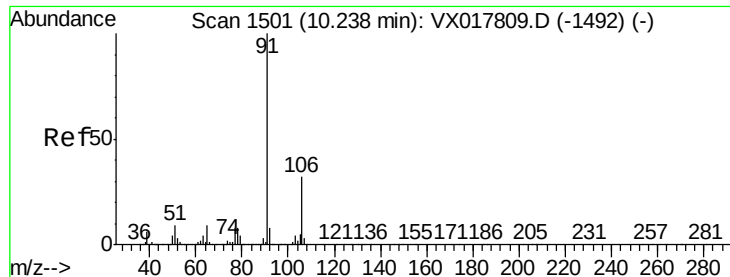


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 0.383 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

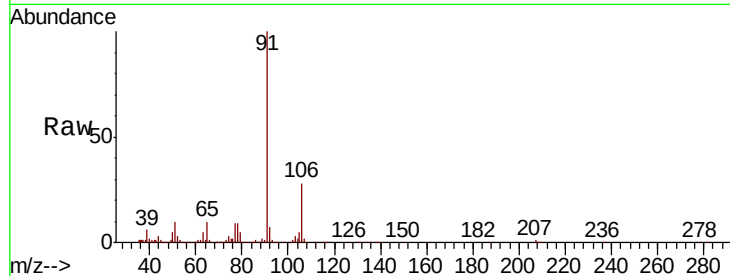
ClientSampleId :

Tot Ion: 91 Resp: 54600

Ion Ratio Lower Upper

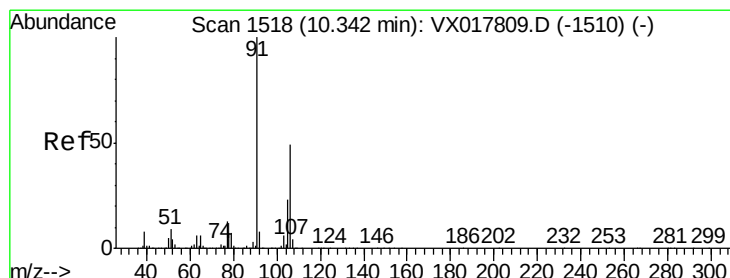
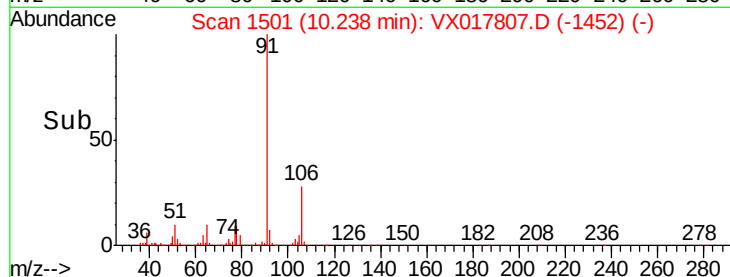
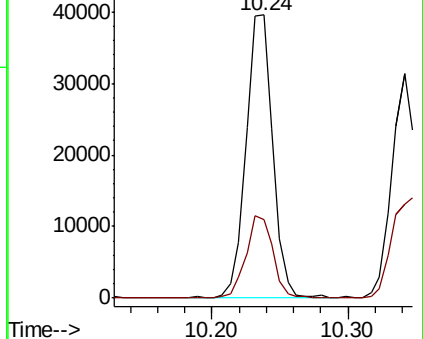
91 100

106 27.8 22.5 41.9



Abundance Ion 91.15 (90.85 to 91.85): VX017809.D

Ion 106.15 (105.85 to 106.85): VX017809.D



#55

m,p-xylene

Concen: 0.375 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX017807.D

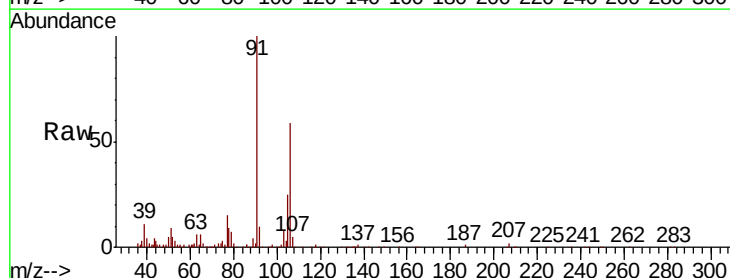
Acq: 06 Aug 2020 15:43

Tgt Ion: 106 Resp: 20409

Ion Ratio Lower Upper

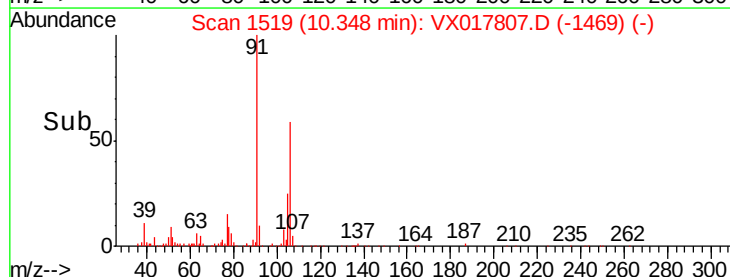
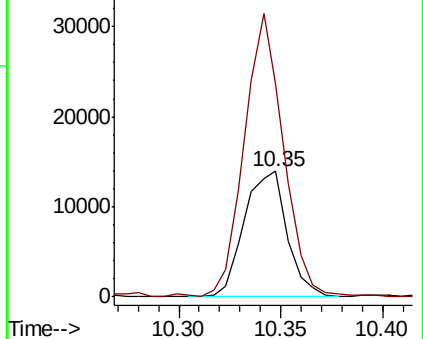
106 100

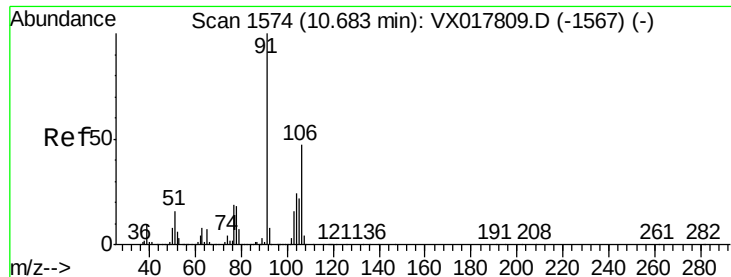
91 169.2 143.3 266.1



Abundance Ion 106.15 (105.85 to 106.85): VX017809.D

Ion 91.15 (90.85 to 91.85): VX017809.D





#56

o-xylene

Concen: 0.377 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

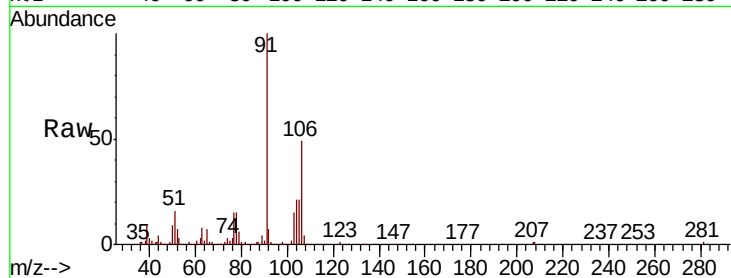
ClientSampleId :

Tot Ion:106 Resp: 19899

Ion Ratio Lower Upper

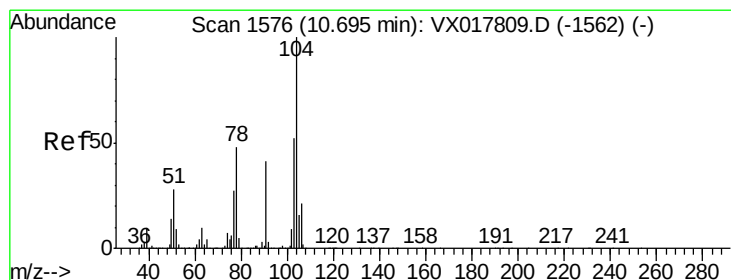
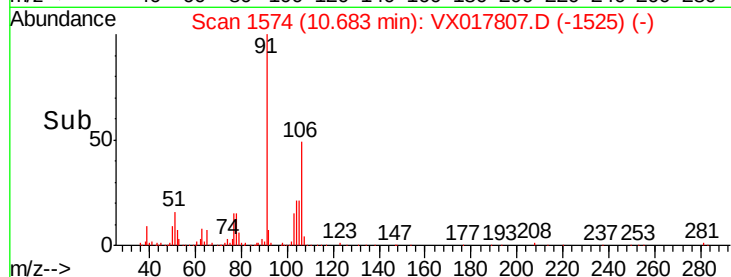
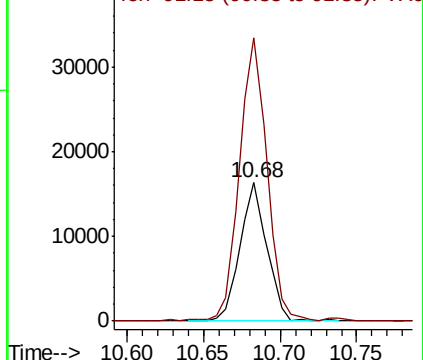
106 100

91 204.4 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 0.355 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017807.D

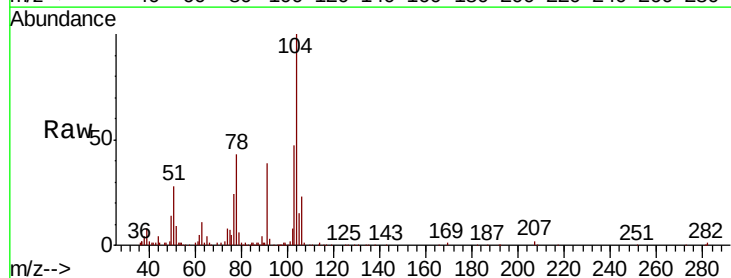
Acq: 06 Aug 2020 15:43

Tgt Ion:104 Resp: 31703

Ion Ratio Lower Upper

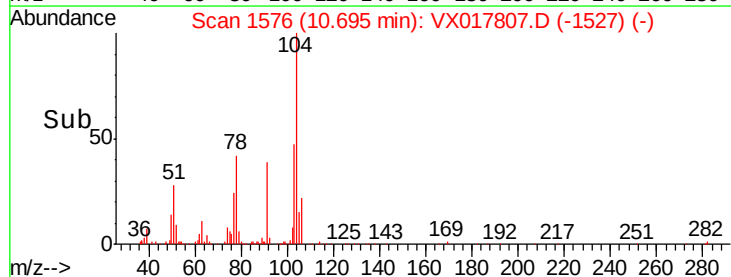
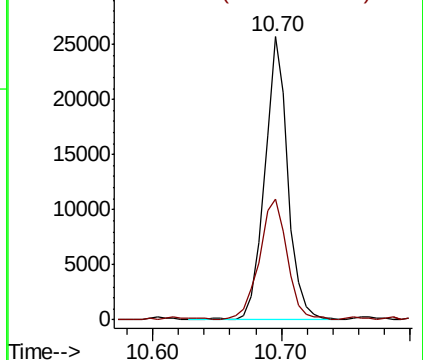
104 100

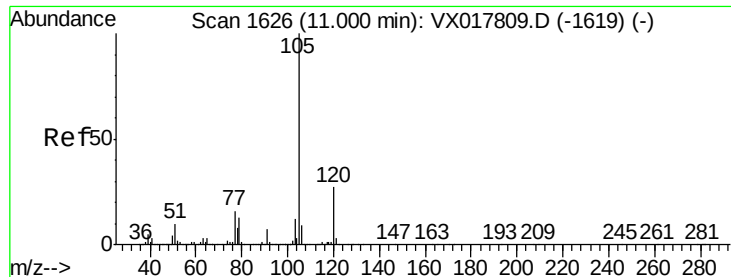
78 42.8 33.7 62.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 0.372 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

ClientSampled :

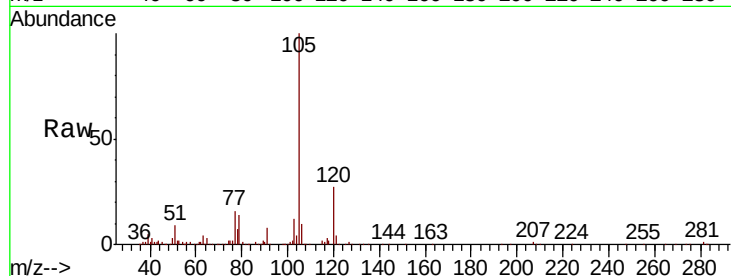
Tot Ion:105 Resp: 52522

Ion Ratio Lower Upper

105 100

120 26.0 21.8 32.6

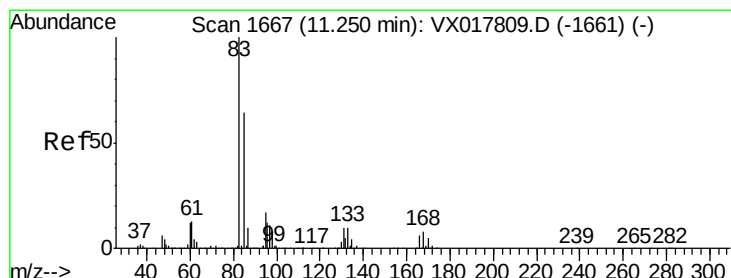
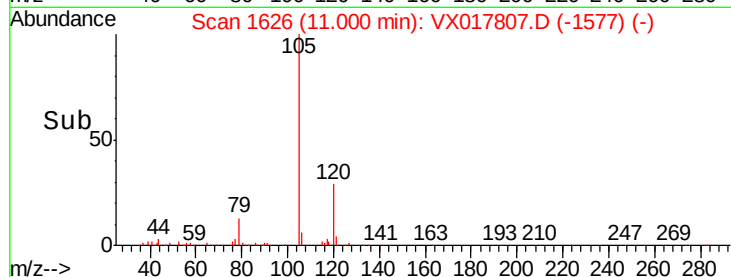
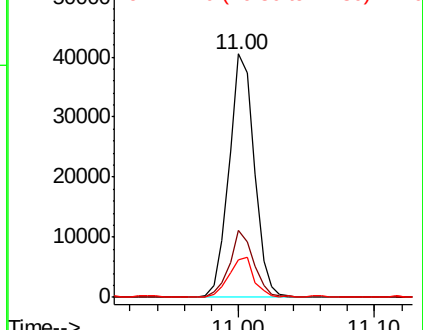
77 16.9 12.8 19.2



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: 0.393 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

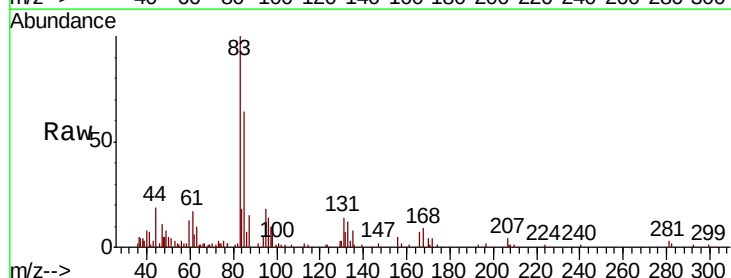
Tgt Ion: 83 Resp: 9795

Ion Ratio Lower Upper

83 100

85 64.1 44.6 82.8

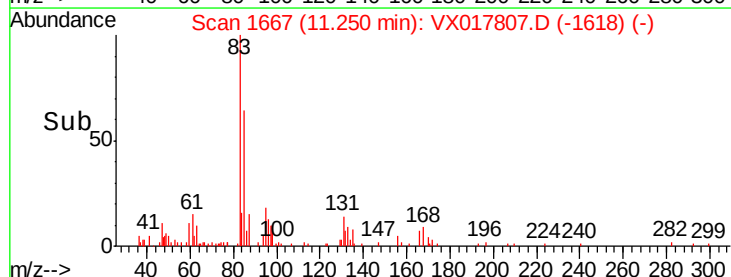
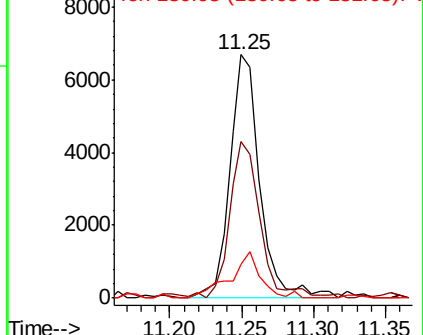
131 13.8 8.2 12.2#

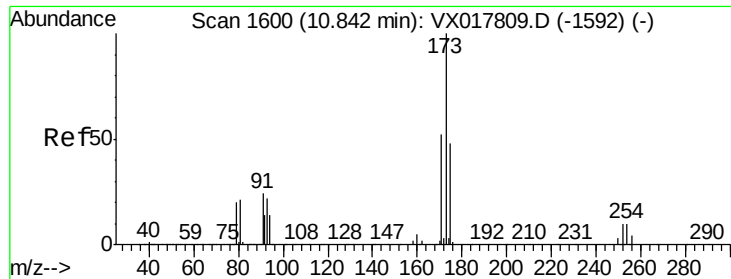


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.436 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

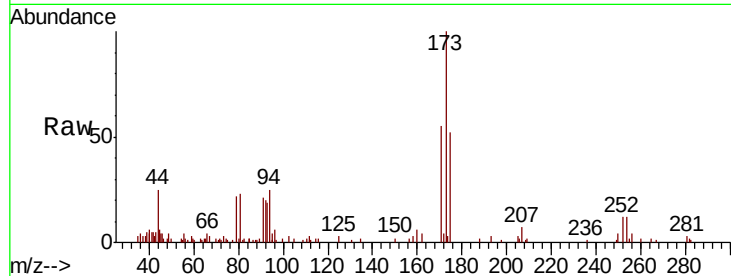
Tot Ion:173 Resp: 7388

Ion Ratio Lower Upper

173 100

175 45.2 40.0 60.0

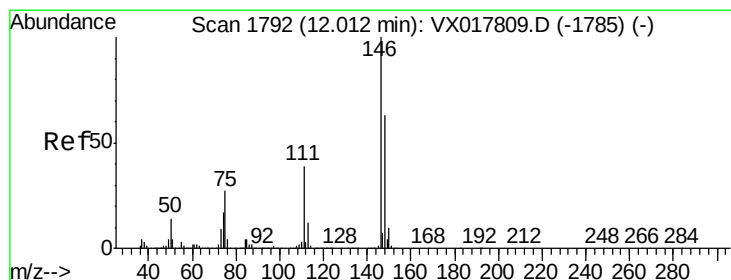
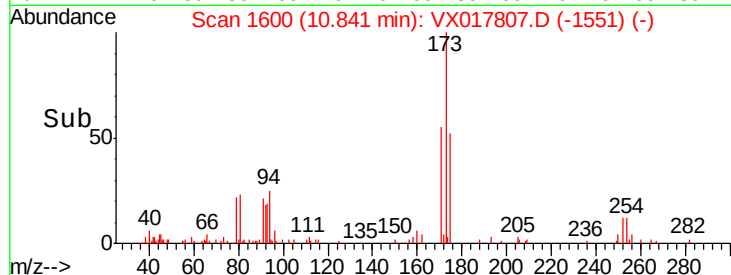
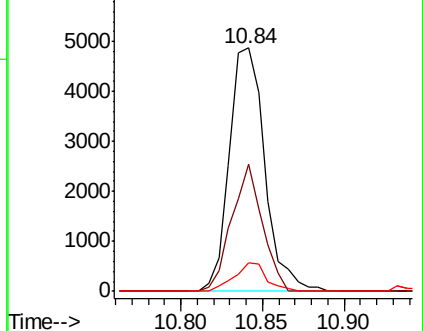
254 10.6 7.7 11.5



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: 0.420 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017807.D

Acq: 06 Aug 2020 15:43

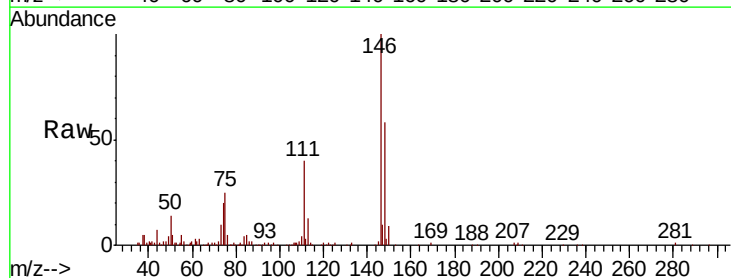
Tgt Ion:146 Resp: 27728

Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

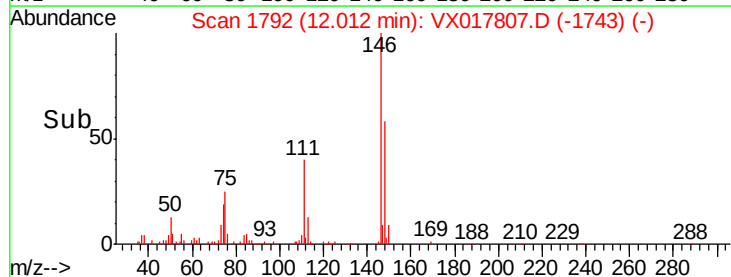
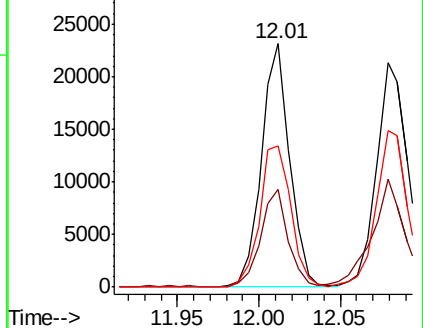
148 57.9 43.9 81.5

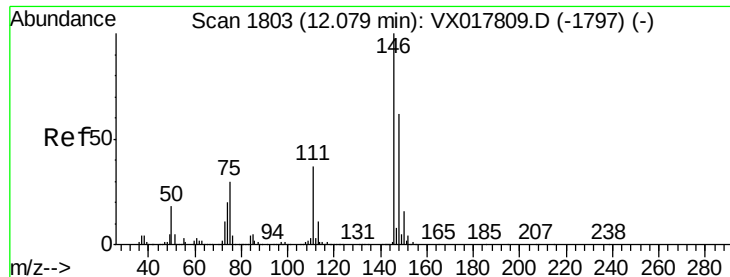


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

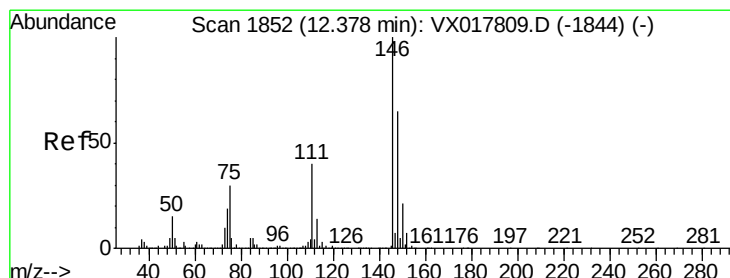
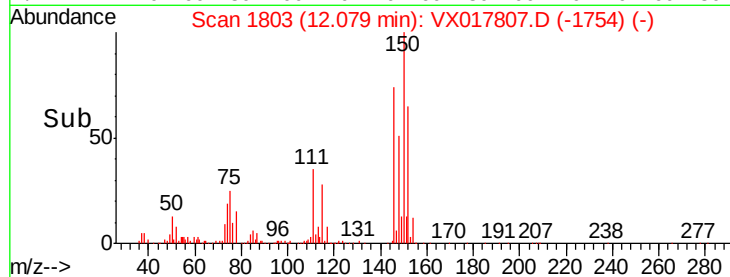
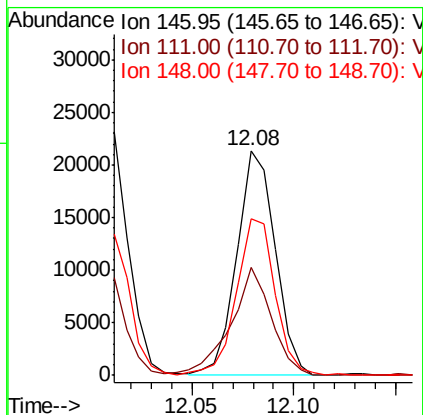
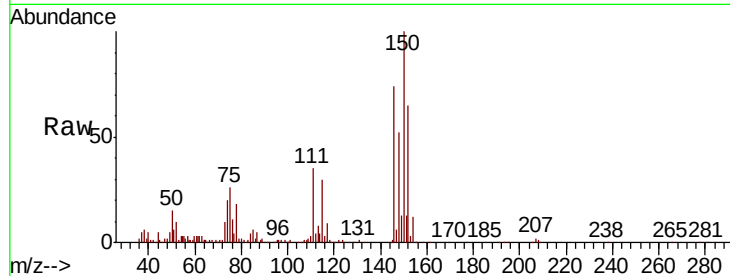




#64
 1,4-Dichlorobenzene
 Concen: 0.426 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

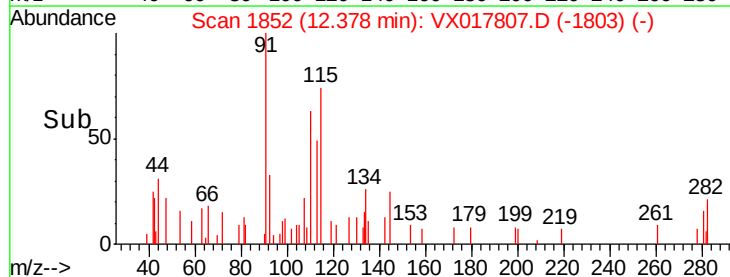
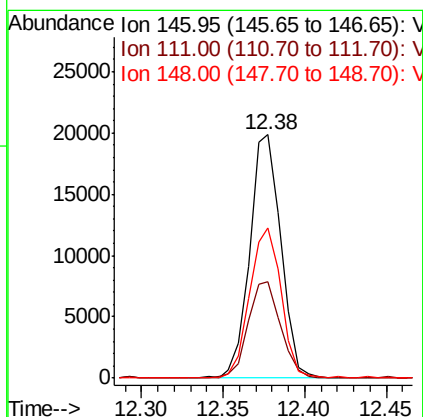
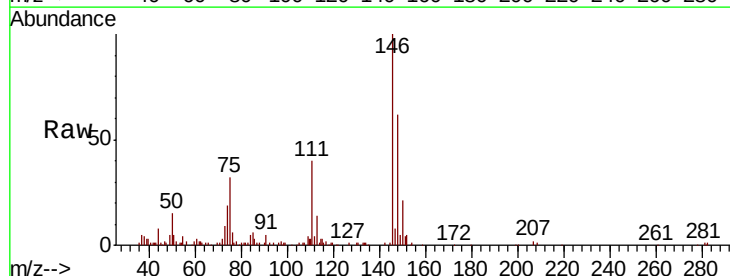
Instrument :
 MSVOA_X
 ClientSampled :

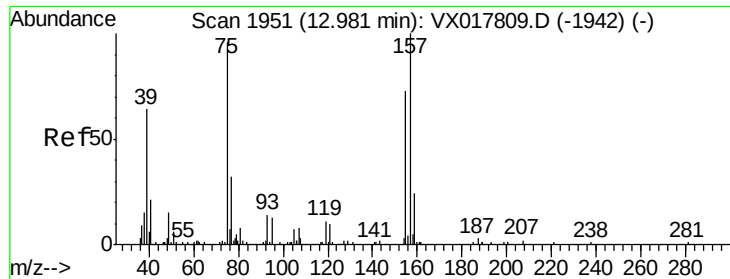
Tot Ion:146 Resp: 27953
 Ion Ratio Lower Upper
 146 100
 111 47.9 26.0 48.2
 148 69.9 43.2 80.2



#66
 1,2-Dichlorobenzene
 Concen: 0.431 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion:146 Resp: 26399
 Ion Ratio Lower Upper
 146 100
 111 39.6 32.2 48.4
 148 61.6 52.3 78.5

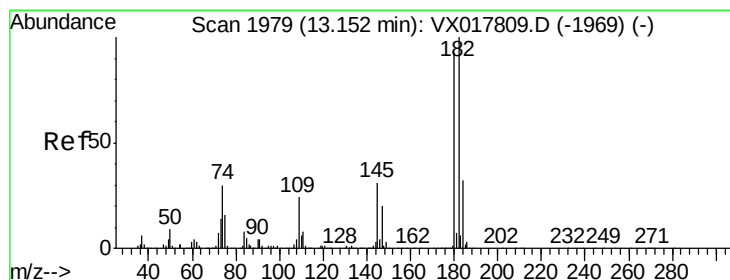
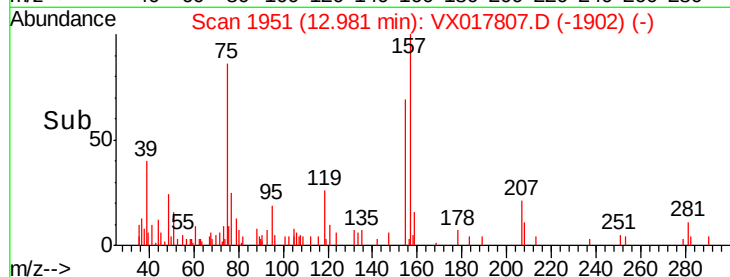
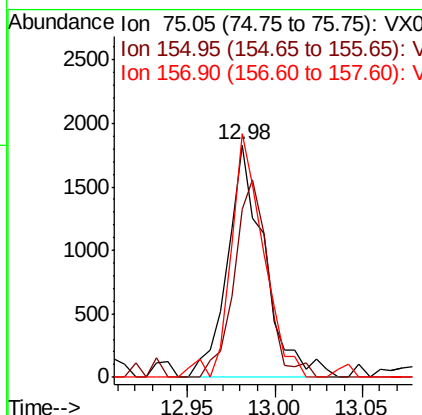
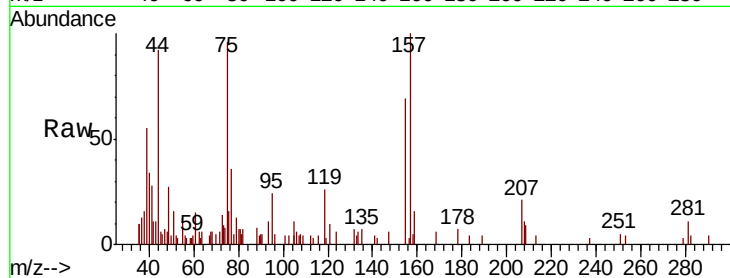




#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.510 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

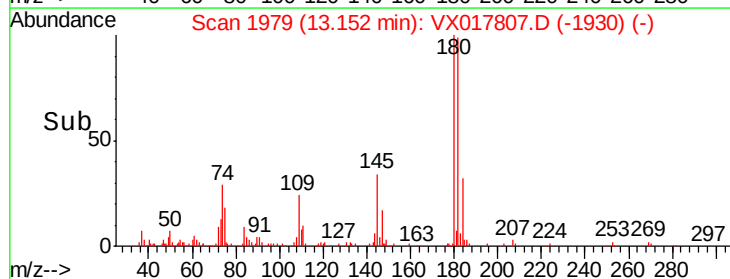
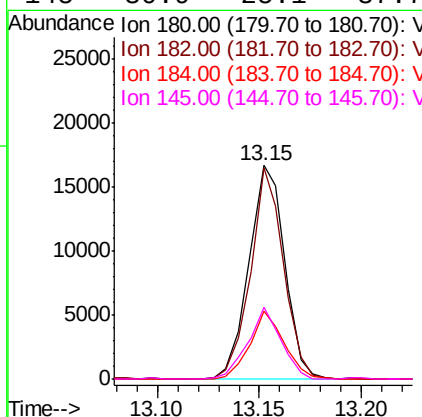
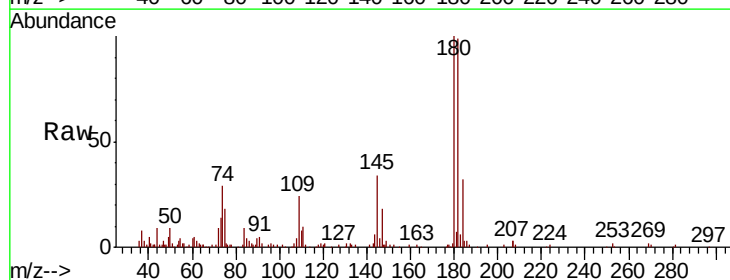
Instrument :
 MSVOA_X
 ClientSampleId :

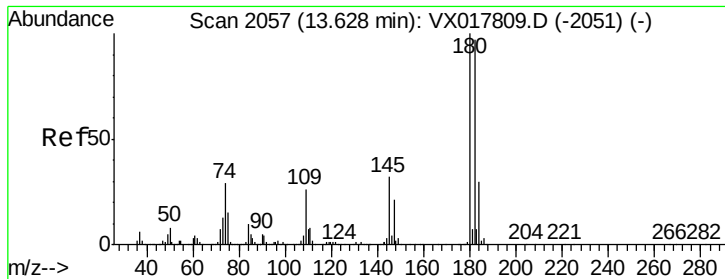
Tot Ion: 75 Resp: 2714
 Ion Ratio Lower Upper
 75 100
 155 72.0 60.9 91.3
 157 104.7 83.3 124.9



#68
 1,3,5-Trichlorobenzene
 Concen: 0.418 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion: 180 Resp: 20373
 Ion Ratio Lower Upper
 180 100
 182 91.3 80.2 120.4
 184 30.5 24.9 37.3
 145 30.9 25.1 37.7

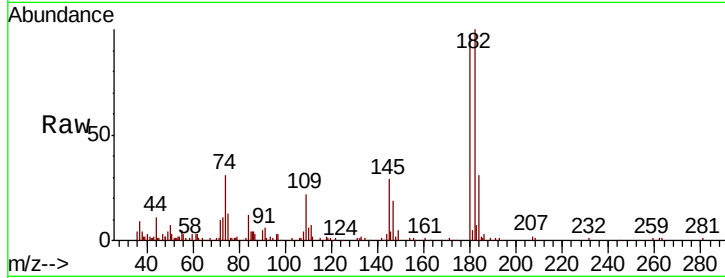




#69
 1,2,4-trichlorobenzene
 Concen: 0.418 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.5	114.7
145	32.2	25.4	38.0

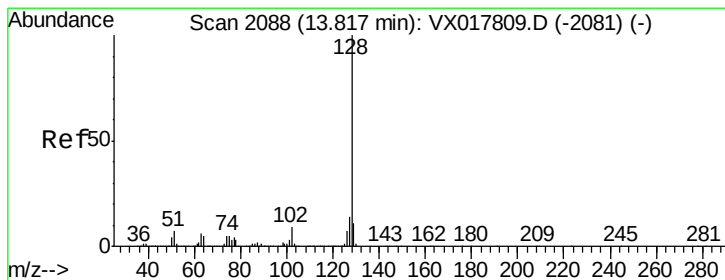
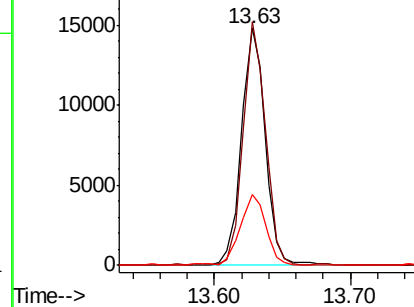
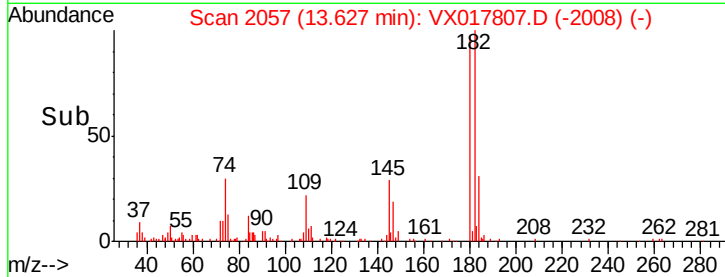


Abundance

Ion 179.90 (179.60 to 180.60): V

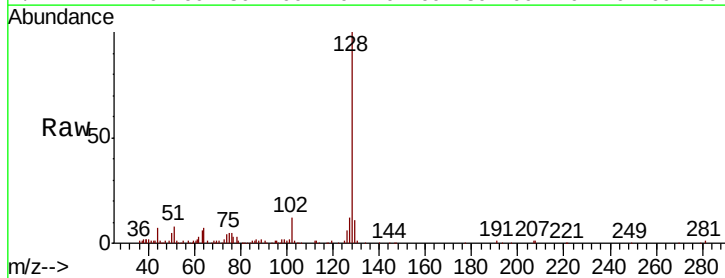
Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70
 Naphthalene
 Concen: 0.383 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	12.8	11.0	16.4

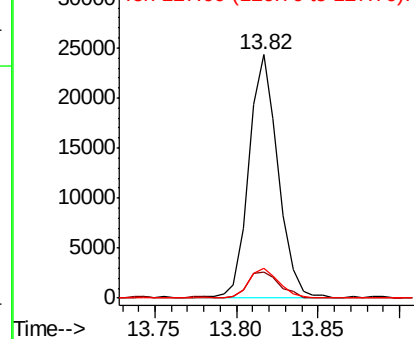
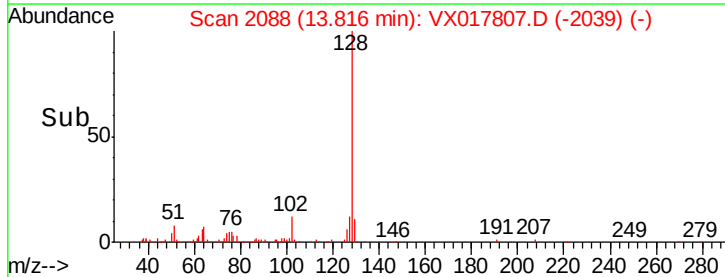


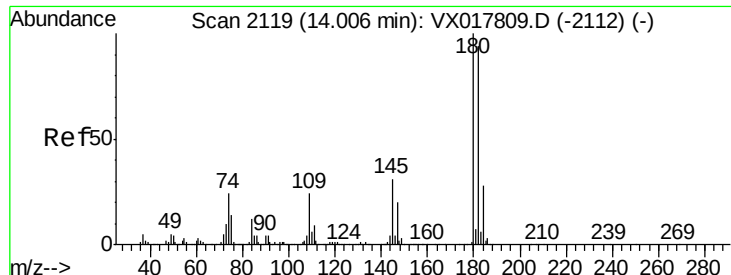
Abundance

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

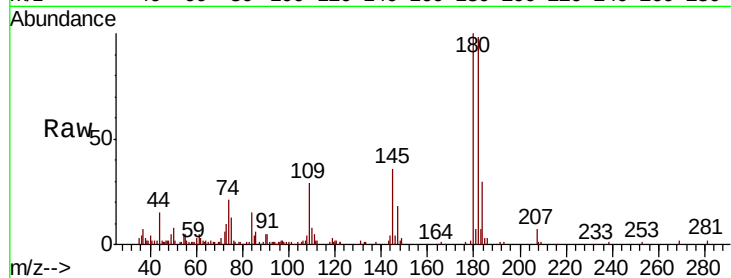




#71
 1,2,3-Trichlorobenzene
 Concen: 0.402 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX017807.D
 Acq: 06 Aug 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.4	113.0
145	36.0	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

