

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017448.D
 Acq On : 21 Jul 2020 10:47
 Operator : JC/SP
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

Quant Time: Jul 22 05:35:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	330406	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	338052	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	153956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	13059	0.66	ug/L	0.00
7) Chloroethane-d5	1.78	69	1019	0.06	ug/L	0.09
11) 1,1-Dichloroethene-d2	2.34	63	22454	0.54	ug/L	0.00
20) 2-Butanone-d5	4.54	46	18931	3.64	ug/L	0.00
24) Chloroform-d	5.14	84	20104	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	13948	0.60	ug/L	0.00
32) Benzene-d6	6.04	84	36070	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	11402	0.47	ug/L	0.00
41) Toluene-d8	8.70	98	37822	0.49	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.77	79	518	0.05	ug/L	-0.22
48) 2-Hexanone-d5	9.43	63	13588	3.26	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	8275	0.47	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	12815	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	17306	0.622 ug/L	98
3) Chloromethane	1.31	50	16546	0.606 ug/L	98
5) Vinyl chloride	1.39	62	15180	0.575 ug/L	99
6) Bromomethane	1.64	94	9897	0.680 ug/L	94
8) Chloroethane	1.72	64	8937	0.494 ug/L	92
9) Trichlorofluoromethane	1.92	101	21261	0.577 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12028	0.580 ug/L	98
12) 1,1-Dichloroethene	2.36	96	10030	0.515 ug/L	94
13) Acetone	2.42	43	17806	5.013 ug/L	91
14) Carbon disulfide	2.55	76	38728	0.597 ug/L #	94
15) Methyl Acetate	2.75	43	6325	0.750 ug/L #	90
16) Methylene chloride	2.84	84	25662	1.109 ug/L	87
17) Methyl tert-butyl Ether	3.17	73	22428	0.449 ug/L #	91
18) trans-1,2-Dichloroethene	3.14	96	11321	0.534 ug/L	92
19) 1,1-Dichloroethane	3.67	63	18976	0.473 ug/L	99
21) 2-Butanone	4.64	43	26553	4.791 ug/L	93
22) cis-1,2-Dichloroethene	4.56	96	10699	0.477 ug/L #	100
23) Bromochloromethane	4.97	128	5604	0.579 ug/L #	81
25) Chloroform	5.17	83	21986	0.503 ug/L	98
27) 1,2-Dichloroethane	6.16	62	14089	0.512 ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	19552	0.499 ug/L	96
30) Cyclohexane	5.54	56	14272	0.374 ug/L	97
31) Carbon tetrachloride	5.76	117	18274	0.534 ug/L	98
33) Benzene	6.11	78	43311	0.489 ug/L	100
34) Trichloroethene	7.20	95	12814	0.517 ug/L #	88
35) Methylcyclohexane	7.44	83	13964	0.376 ug/L	92
37) 1,2-Dichloropropane	7.49	63	11001	0.481 ug/L	100
38) Bromodichloromethane	7.87	83	14993	0.526 ug/L #	99
39) cis-1,3-Dichloropropene	8.42	75	14956	0.471 ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	58035	4.153 ug/L #	94

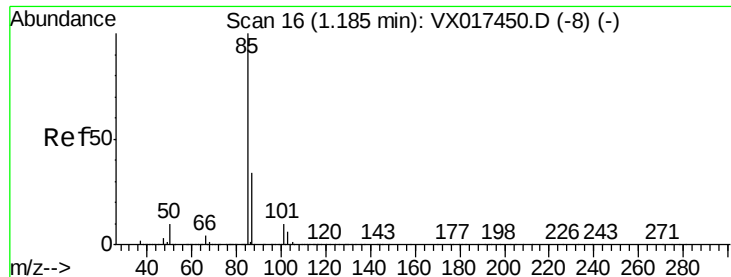
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
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Quant Time: Jul 22 05:35:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	39920	0.431	ug/L	91
43) 1,3,5-Trimethylbenzene	11.49	105	31655	0.372	ug/L	92
44) 1,2,4-Trimethylbenzene	11.79	105	31109	0.370	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	12164	0.452	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	6941	0.461	ug/L	94
49) Tetrachloroethene	9.32	164	8989	0.503	ug/L	86
50) 2-Hexanone	9.47	43	35004	3.558	ug/L #	87
51) Dibromochloromethane	9.56	129	9426	0.539	ug/L	99
52) 1,2-Dibromoethane	9.65	107	6714	0.482	ug/L #	97
53) Chlorobenzene	10.12	112	29446	0.488	ug/L	93
54) Ethylbenzene	10.24	91	40084	0.381	ug/L	86
55) m,p-xylene	10.34	106	15373	0.390	ug/L	79
56) o-xylene	10.68	106	15998	0.425	ug/L	84
57) Styrene	10.70	104	24074	0.382	ug/L	99
58) Isopropylbenzene	11.00	105	40059	0.391	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	7827	0.466	ug/L #	86
62) Bromoform	10.84	173	5206	0.623	ug/L #	76
63) 1,3-Dichlorobenzene	12.01	146	21848	0.506	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	21980	0.507	ug/L	92
66) 1,2-Dichlorobenzene	12.38	146	20487	0.523	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	2047	0.750	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	18541	0.562	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	12335	0.452	ug/L	99
70) Naphthalene	13.82	128	19474	0.433	ug/L #	93
71) 1,2,3-Trichlorobenzene	14.01	180	10122	0.413	ug/L	90

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



#2

Dichlorodifluoromethane

Concen: 0.622 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

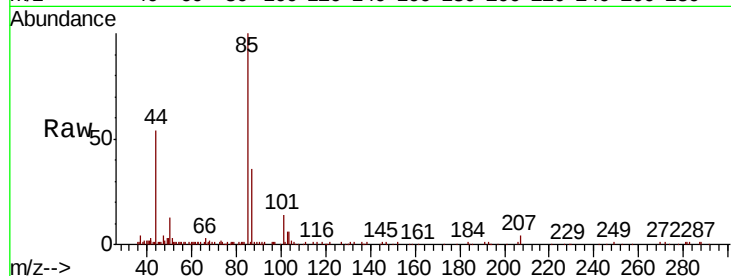
VSTD0.561

Tot Ion: 85 Resp: 17306

Ion Ratio Lower Upper

85 100

87 33.6 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

20000

15000

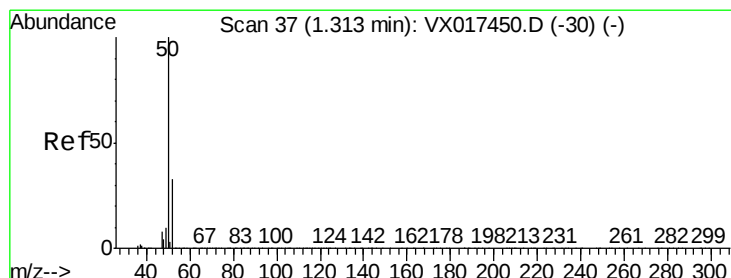
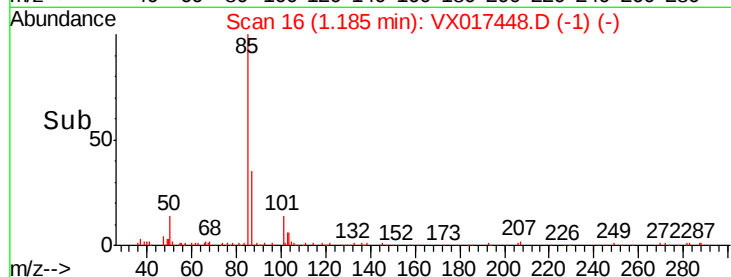
10000

5000

0

Time-->

1.10 1.15 1.20 1.25 1.30



#3

Chloromethane

Concen: 0.606 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017448.D

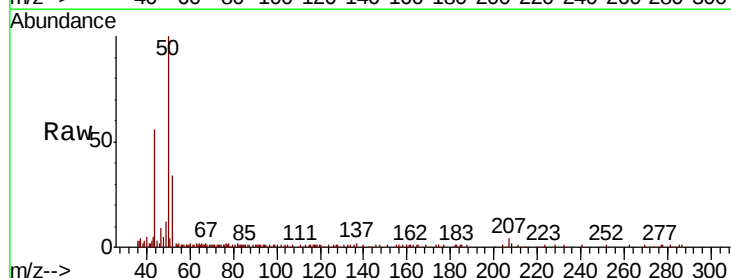
Acq: 21 Jul 2020 10:47

Tgt Ion: 50 Resp: 16546

Ion Ratio Lower Upper

50 100

52 34.3 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

15000

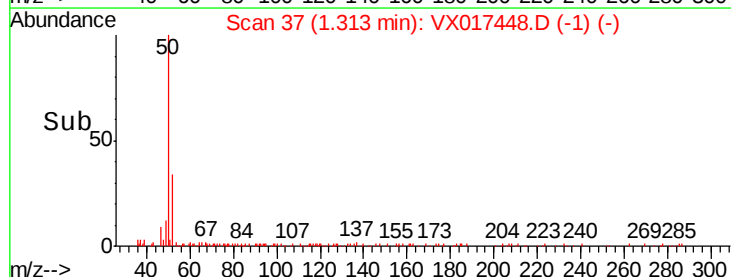
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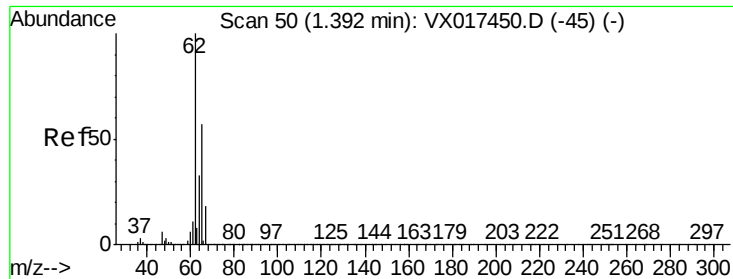
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0

Time-->

1.25 1.30 1.35





#5

Vinyl chloride

Concen: 0.575 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

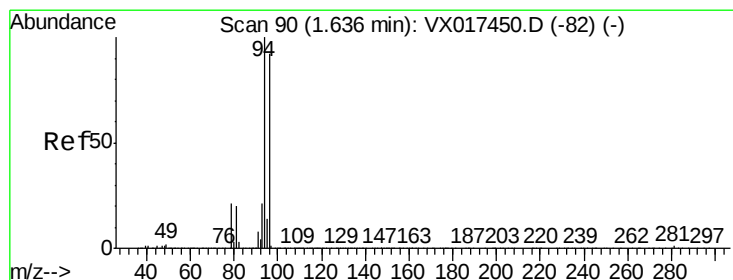
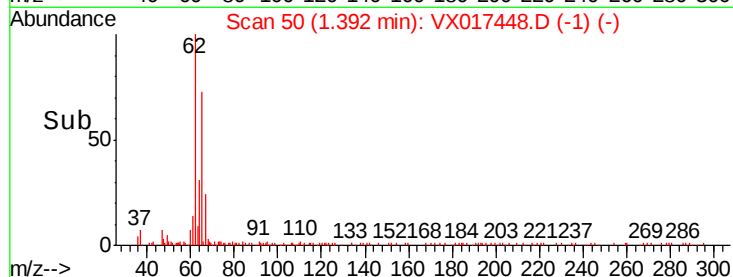
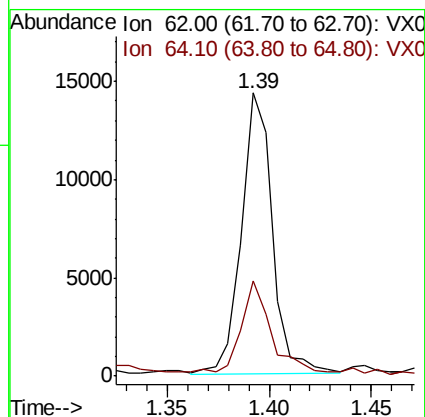
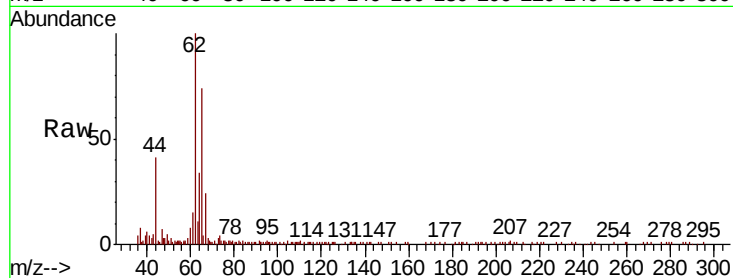
VSTD0.561

Tot Ion: 62 Resp: 15180

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.2



#6

Bromomethane

Concen: 0.680 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017448.D

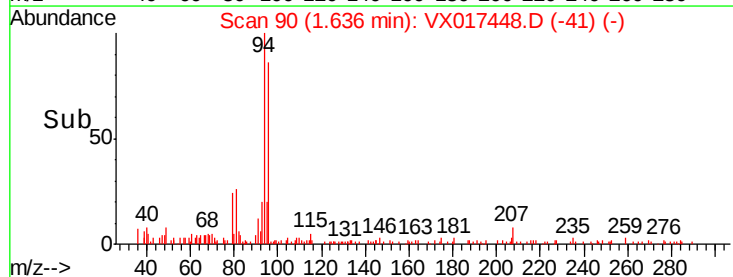
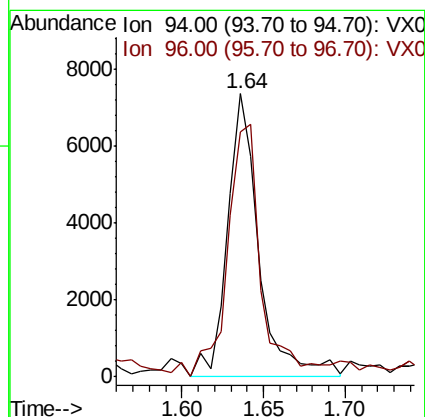
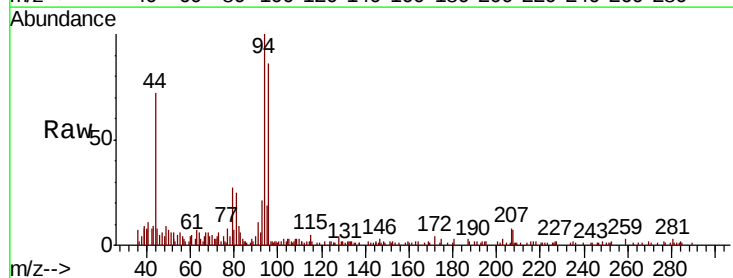
Acq: 21 Jul 2020 10:47

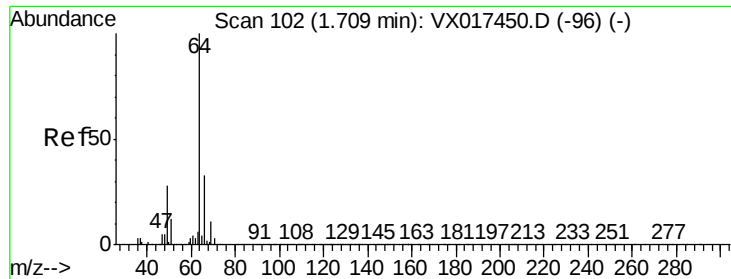
Tgt Ion: 94 Resp: 9897

Ion Ratio Lower Upper

94 100

96 86.4 64.8 120.4

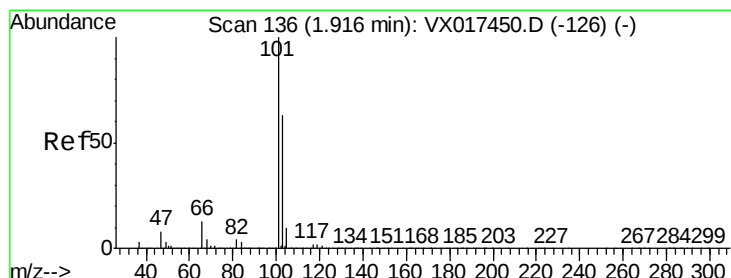
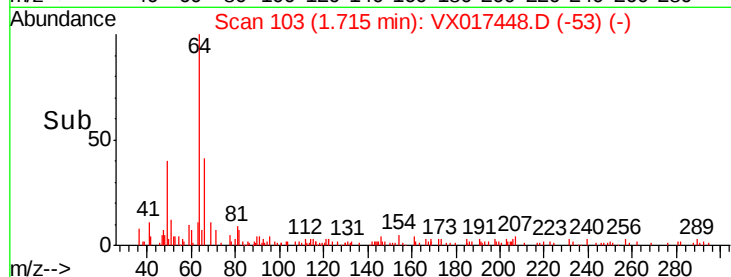
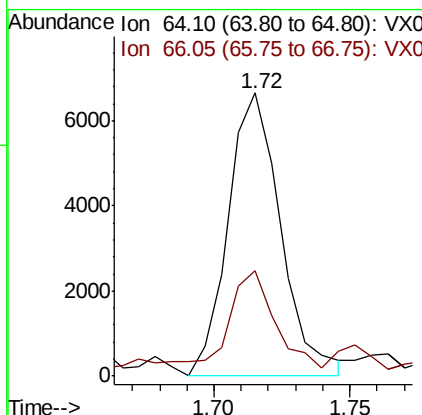
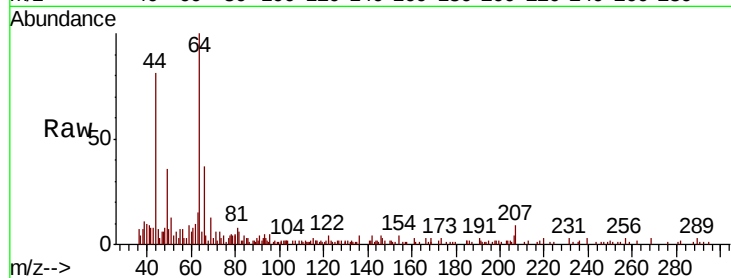




#8
Chloroethane
Concen: 0.494 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

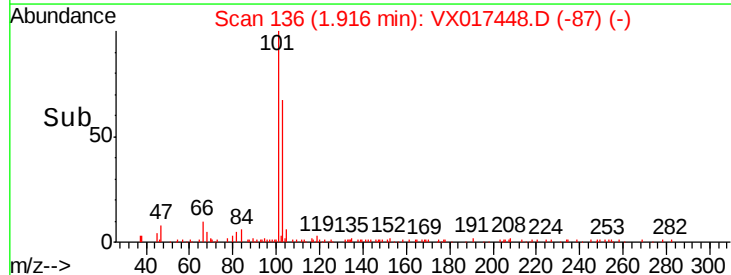
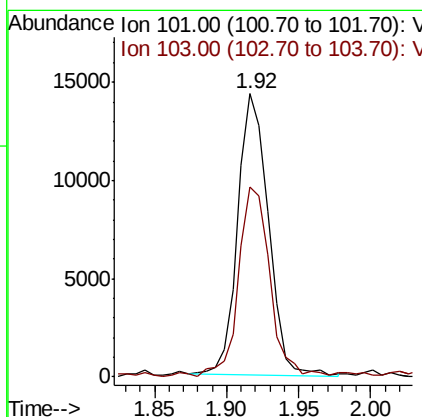
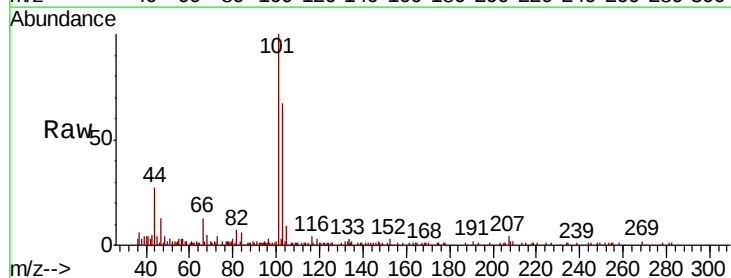
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.561

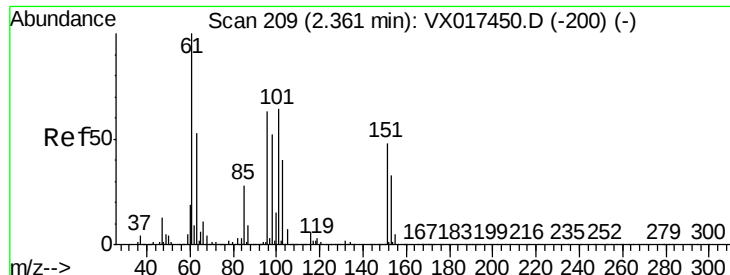
Tot Ion: 64 Resp: 8937
Ion Ratio Lower Upper
64 100
66 37.3 23.1 42.9



#9
Trichlorofluoromethane
Concen: 0.577 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

Tgt Ion: 101 Resp: 21261
Ion Ratio Lower Upper
101 100
103 69.2 51.4 77.2





#10

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

Concen: 0.580 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

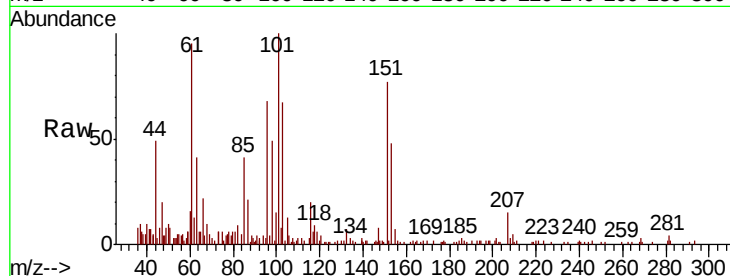
Tot Ion:101 Resp: 12028

Ion Ratio Lower Upper

101 100

85 46.1 35.3 52.9

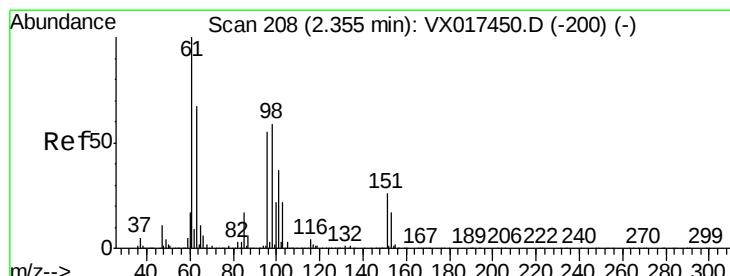
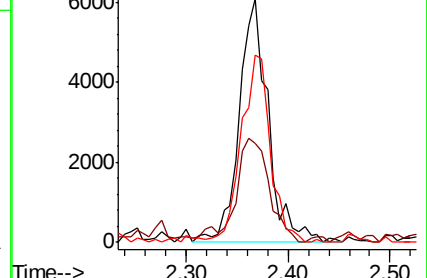
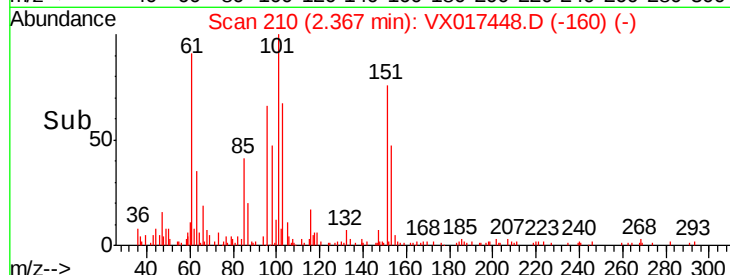
151 76.3 62.3 93.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.515 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

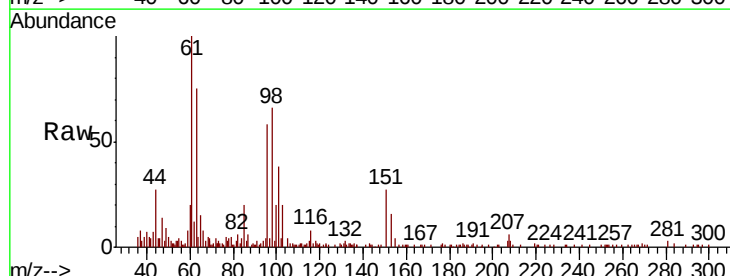
Tgt Ion: 96 Resp: 10030

Ion Ratio Lower Upper

96 100

61 172.8 126.5 234.9

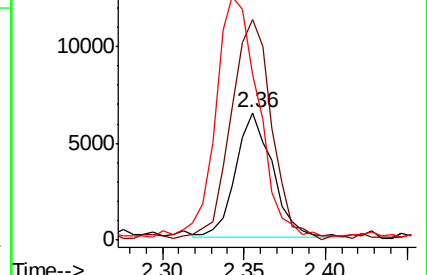
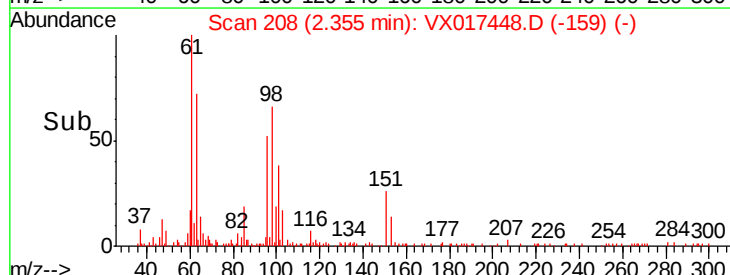
63 129.3 85.6 159.0

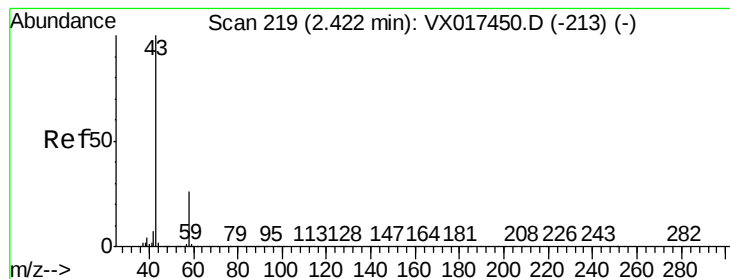


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 5.013 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

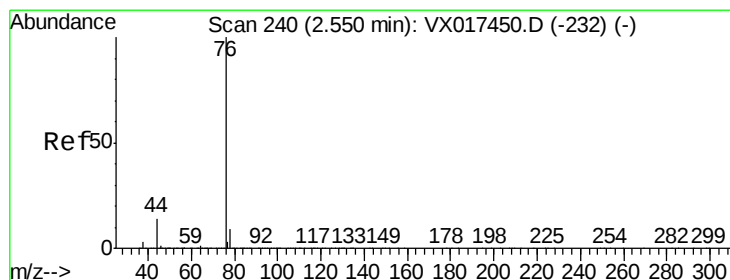
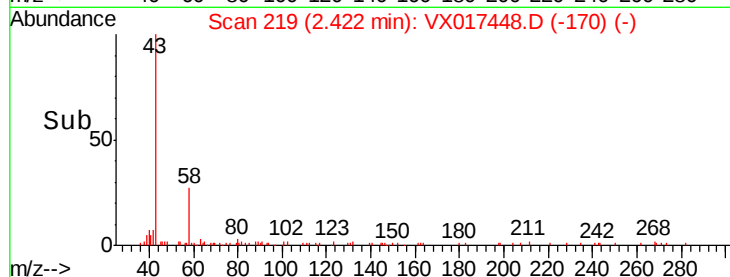
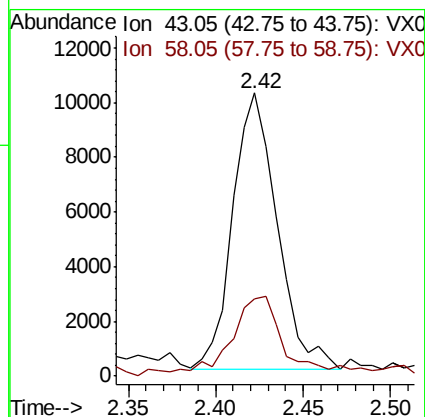
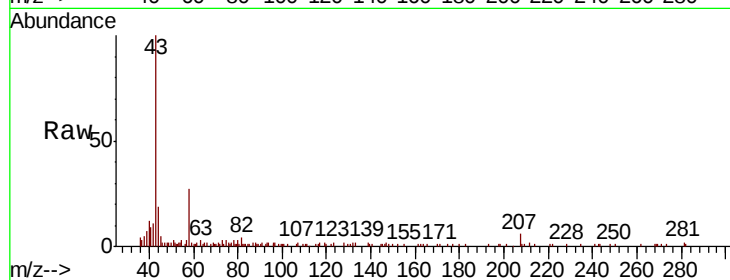
VSTD0.561

Tot Ion: 43 Resp: 17806

Ion Ratio Lower Upper

43 100

58 33.9 0.0 58.6



#14

Carbon disulfide

Concen: 0.597 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017448.D

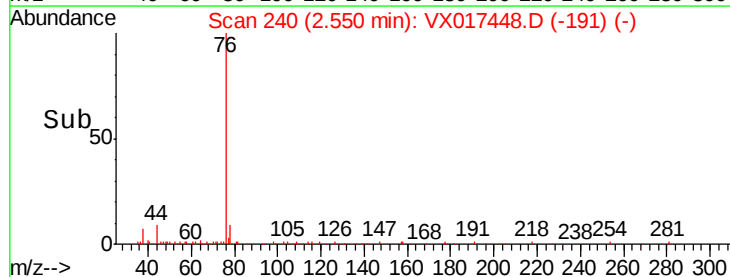
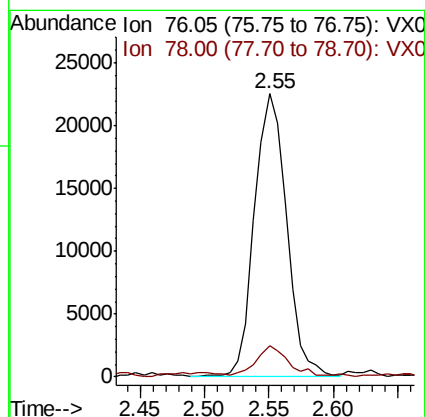
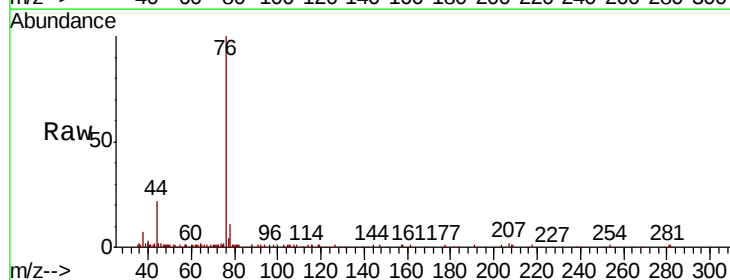
Acq: 21 Jul 2020 10:47

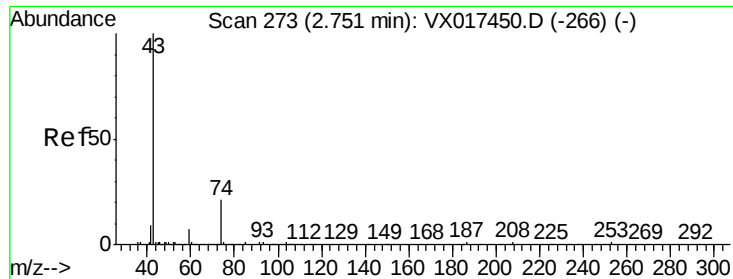
Tgt Ion: 76 Resp: 38728

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#

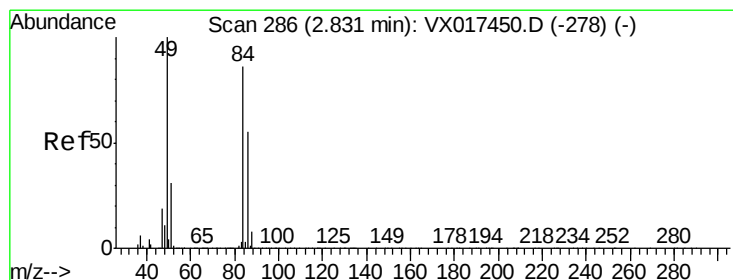
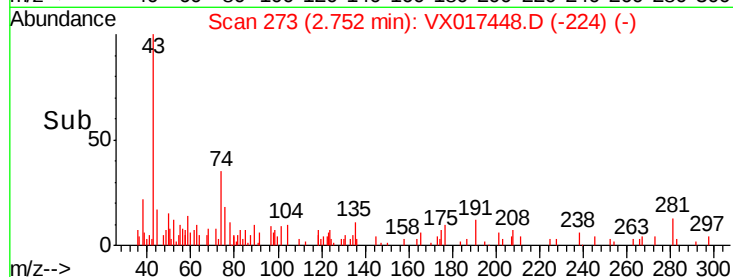
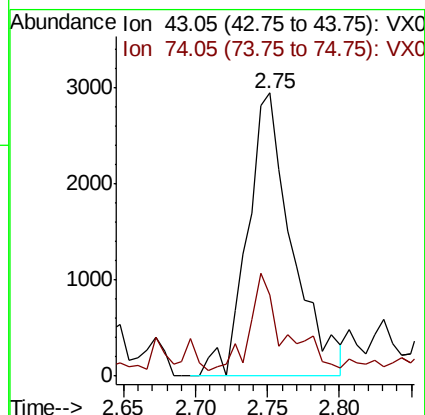
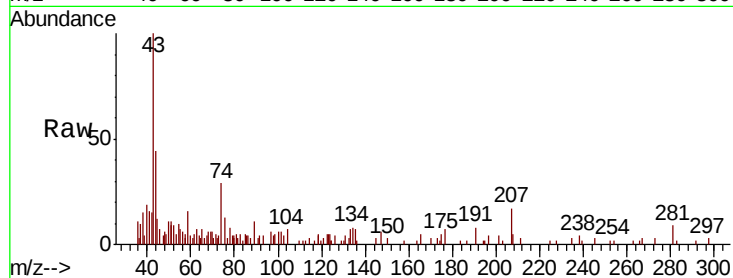




#15
Methyl Acetate
Concen: 0.750 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

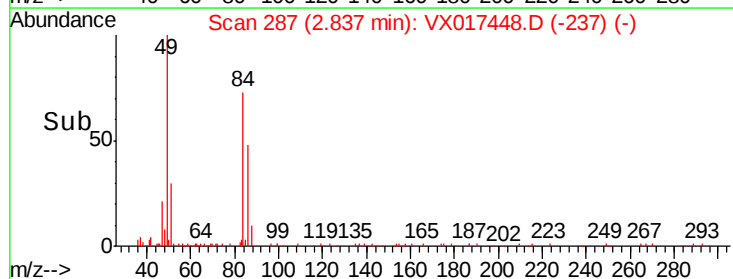
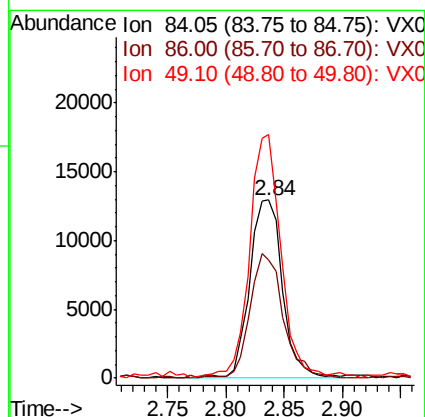
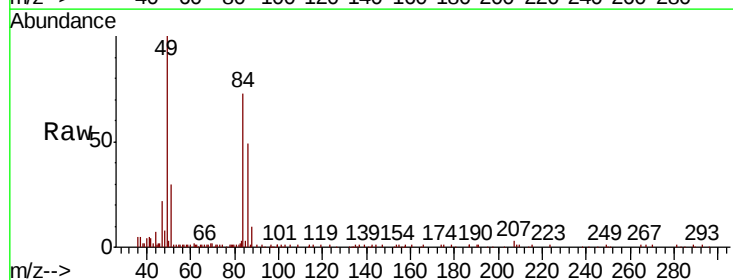
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.561

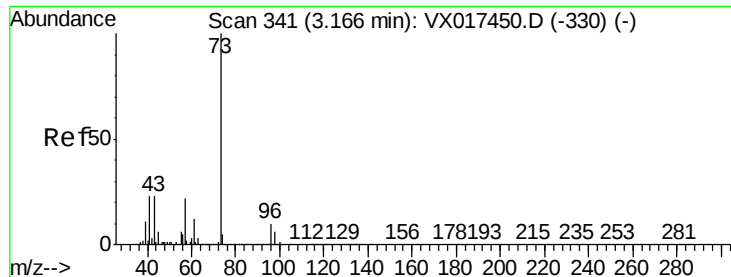
Tot Ion: 43 Resp: 6325
Ion Ratio Lower Upper
43 100
74 26.7 17.6 26.4#



#16
Methylene chloride
Concen: 1.109 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

Tgt Ion: 84 Resp: 25662
Ion Ratio Lower Upper
84 100
86 66.3 44.8 83.2
49 136.6 81.0 150.4



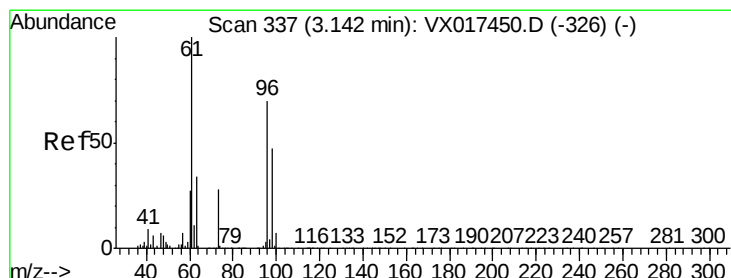
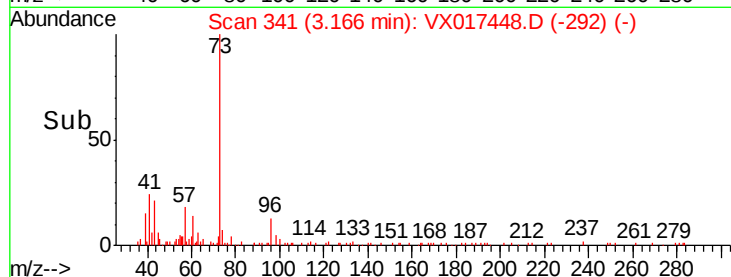
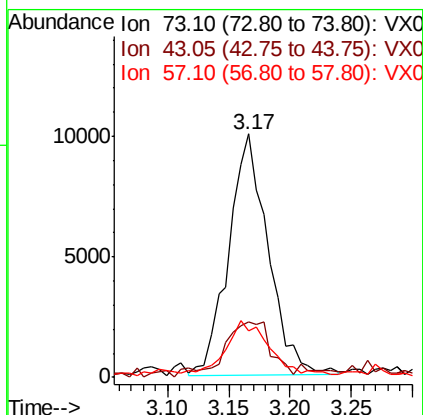
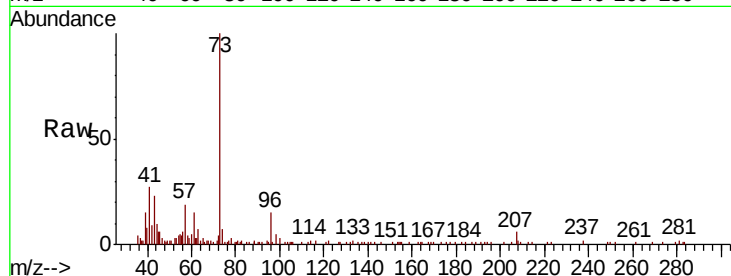


#17

Methyl tert-butyl Ether
 Concen: 0.449 ug/L
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTD0.561

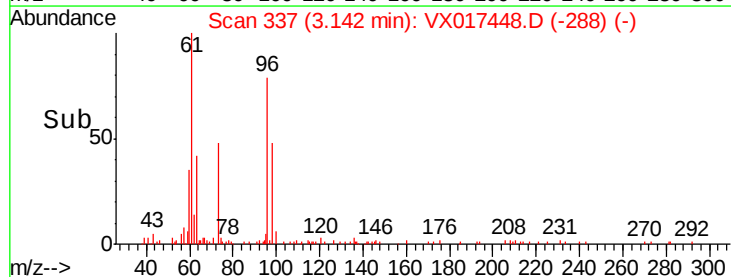
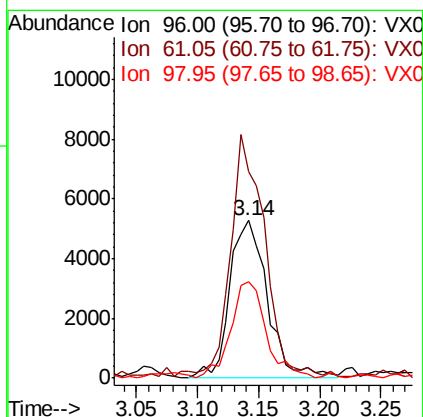
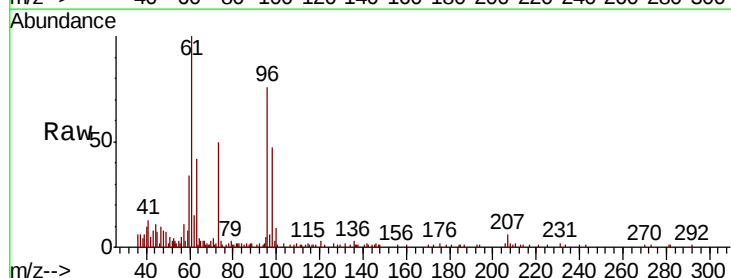
Tot Ion	Ratio	Lower	Upper
73	100		
43	25.8	17.8	26.6
57	26.9	17.8	26.8#

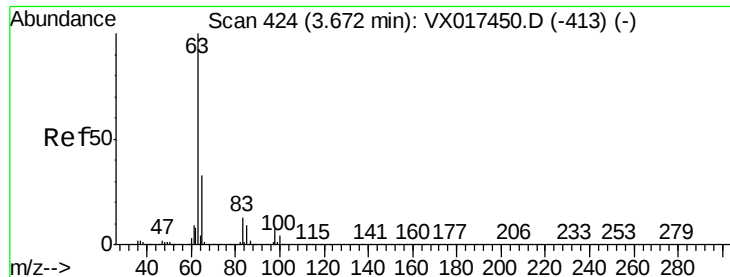


#18

trans-1,2-Dichloroethene
 Concen: 0.534 ug/L
 RT: 3.14 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	99.8	185.4
98	61.4	46.4	86.2

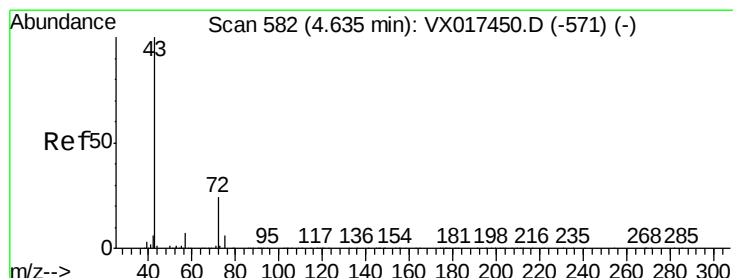
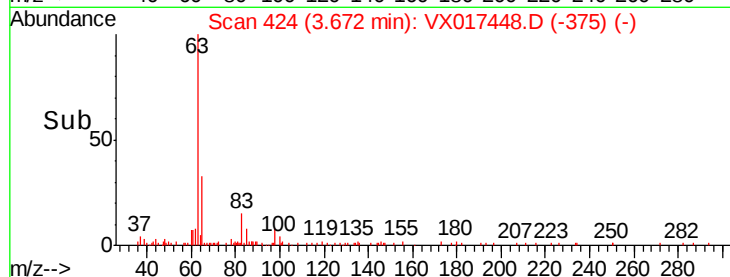
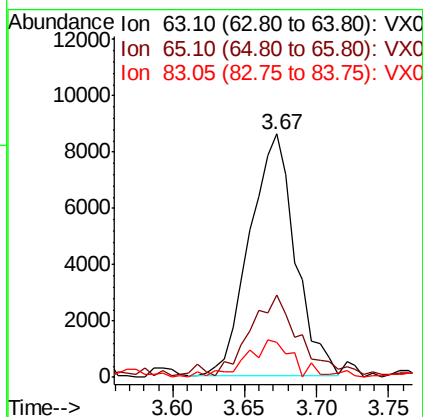
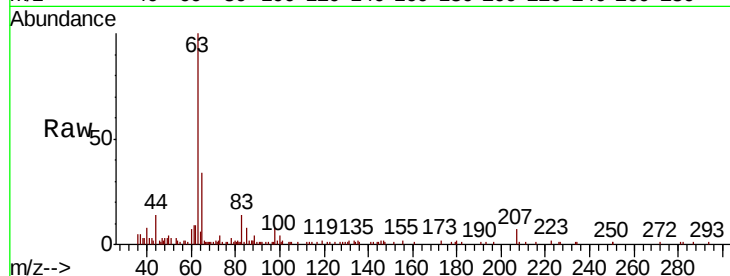




#19
 1,1-Dichloroethane
 Concen: 0.473 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

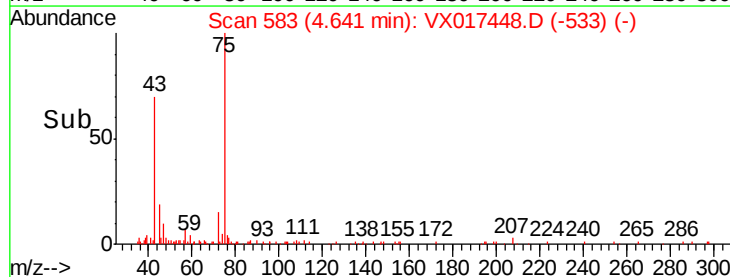
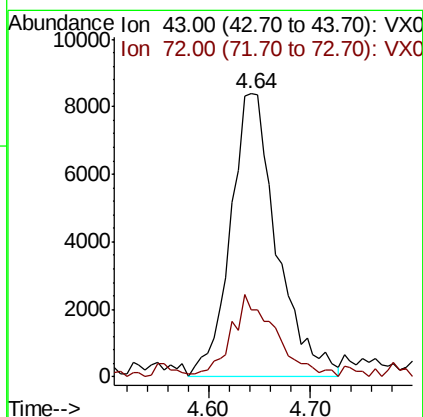
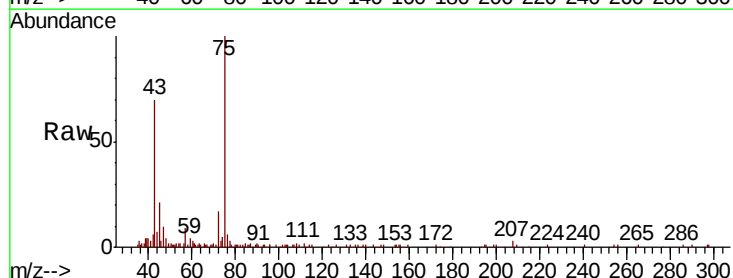
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

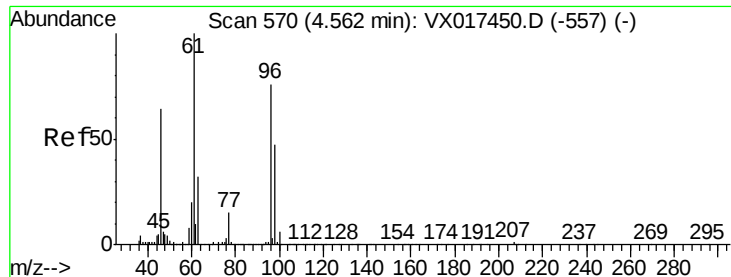
Tot Ion:	63	Resp:	18976
Ion	Ratio	Lower	Upper
63	100		
65	33.8	23.2	43.2
83	14.4	9.4	17.4



#21
 2-Butanone
 Concen: 4.791 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion:	43	Resp:	26553
Ion	Ratio	Lower	Upper
43	100		
72	27.6	12.1	36.3





#22

cis-1,2-Dichloroethene

Concen: 0.477 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

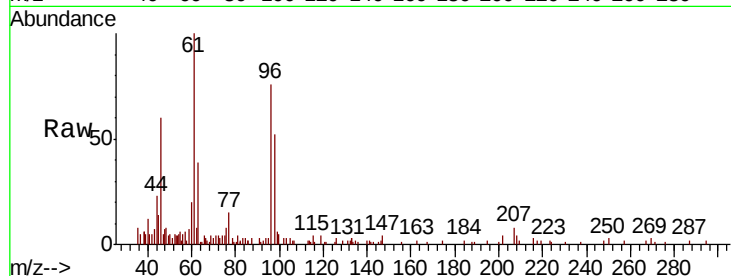
Tot Ion: 96 Resp: 10699

Ion Ratio Lower Upper

96 100

61 131.2 91.6 170.2

68 1.9 0.0 0.0#

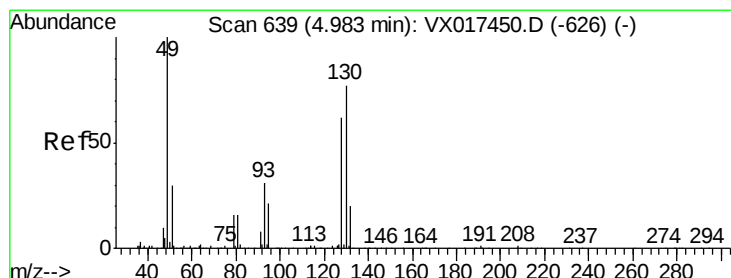
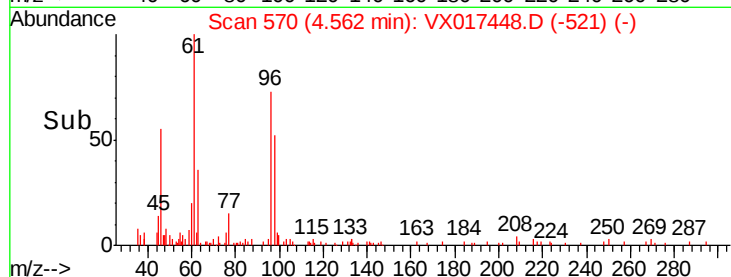
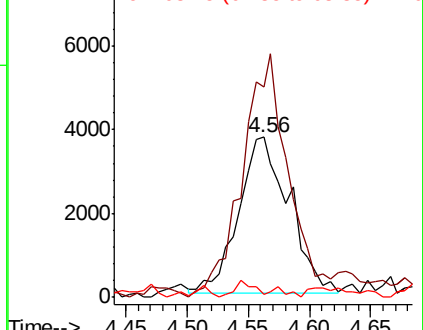


Abundance

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: 0.579 ug/L

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Tgt Ion: 128 Resp: 5604

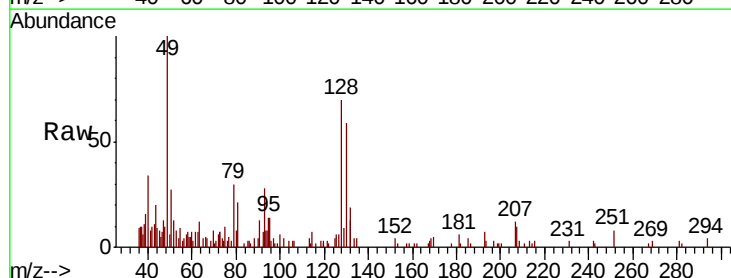
Ion Ratio Lower Upper

128 100

49 152.6 113.3 210.3

130 84.6 87.3 162.1#

51 38.7 39.0 58.6#



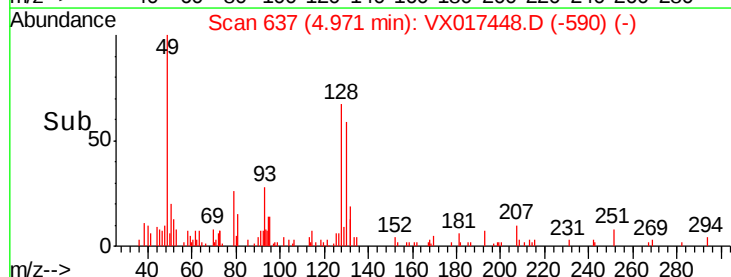
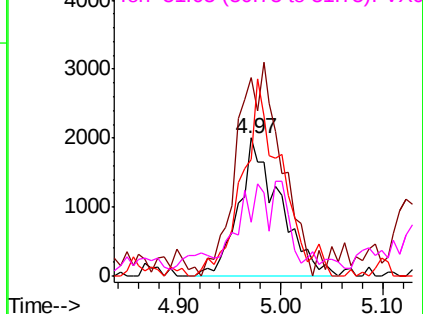
Abundance

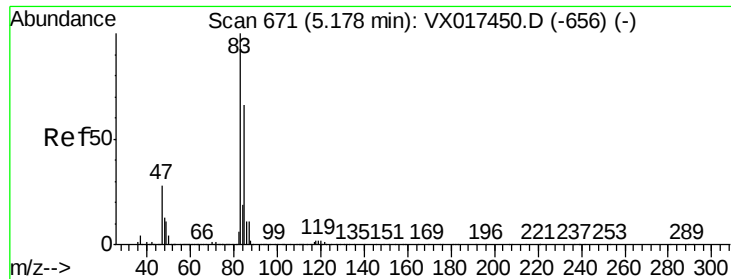
Ion 127.90 (127.60 to 128.60): V

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: 0.503 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

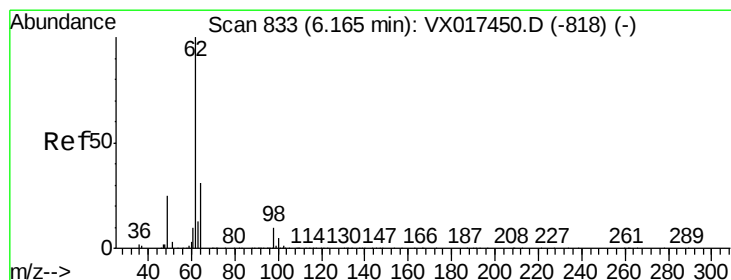
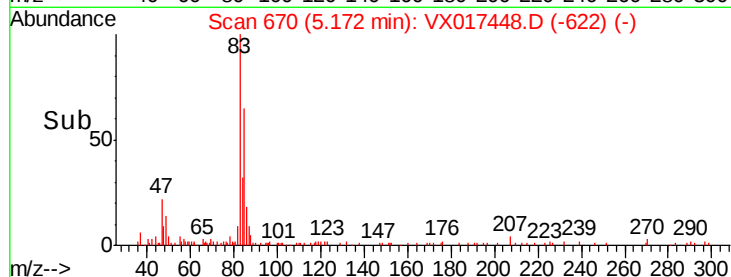
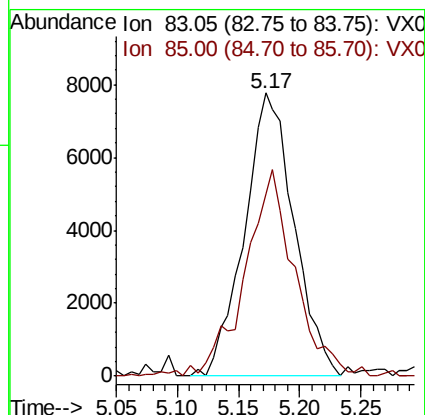
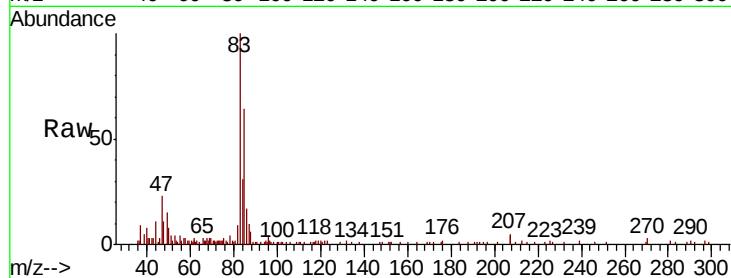
VSTD0.561

Tot Ion: 83 Resp: 21986

Ion Ratio Lower Upper

83 100

85 64.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.512 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017448.D

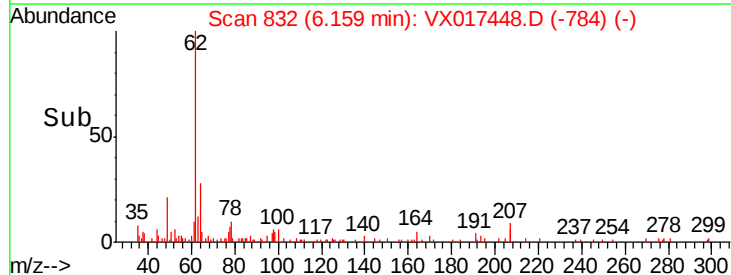
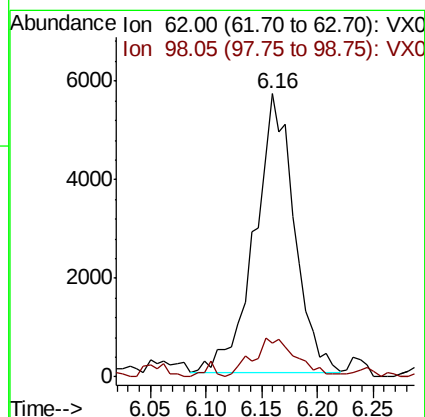
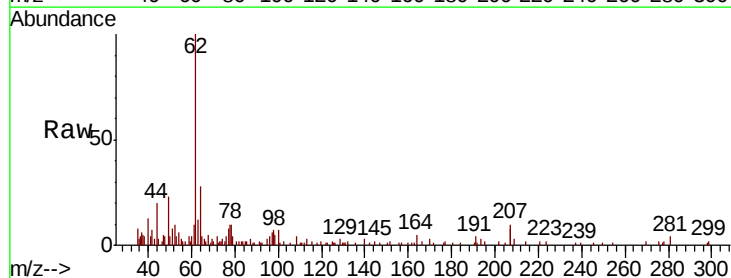
Acq: 21 Jul 2020 10:47

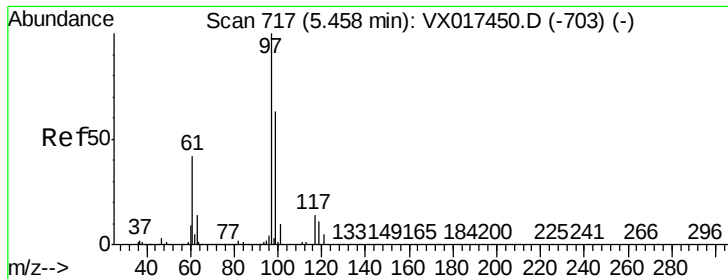
Tgt Ion: 62 Resp: 14089

Ion Ratio Lower Upper

62 100

98 12.1 7.7 11.5#

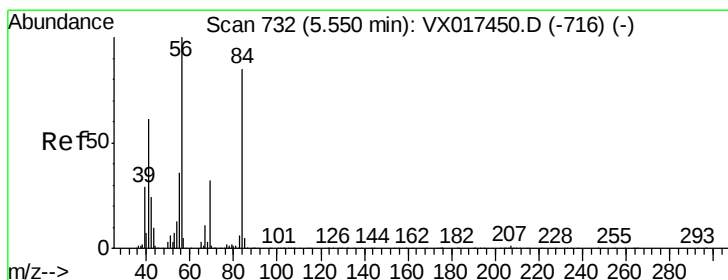
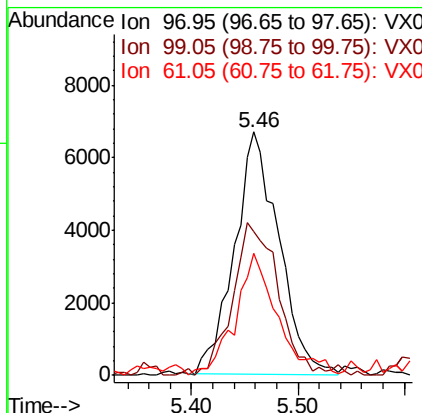
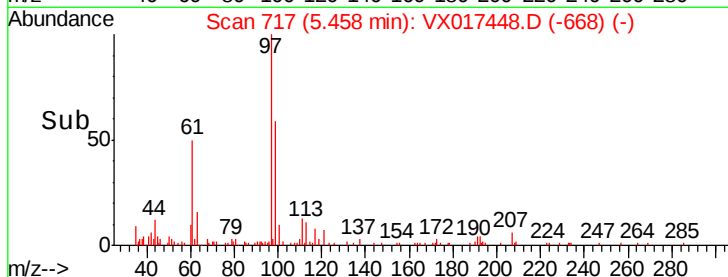
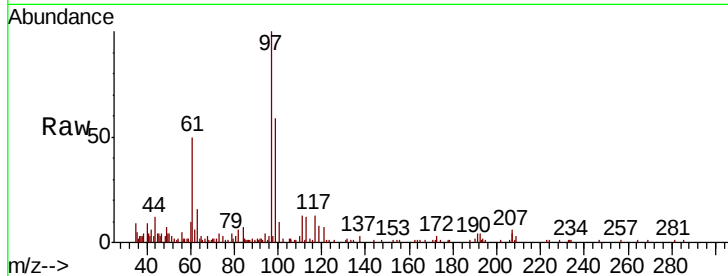




#29
 1,1,1-Trichloroethane
 Concen: 0.499 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

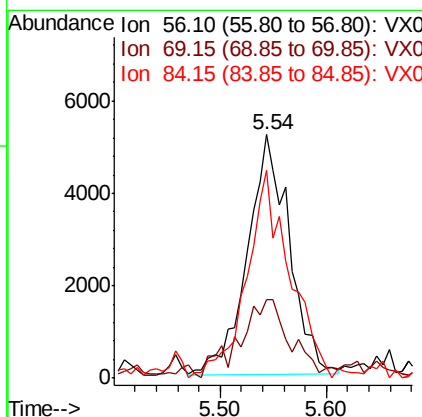
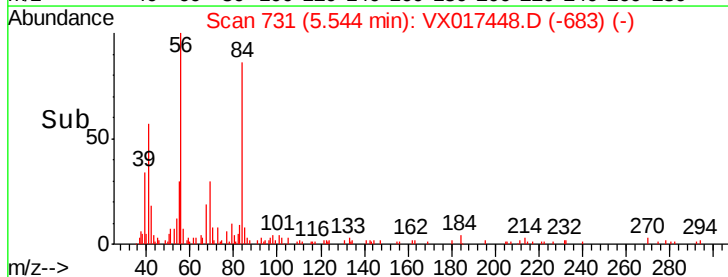
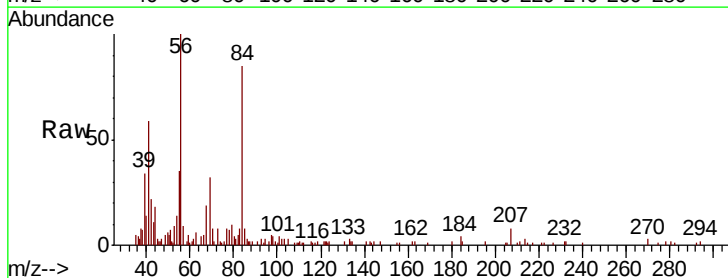
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

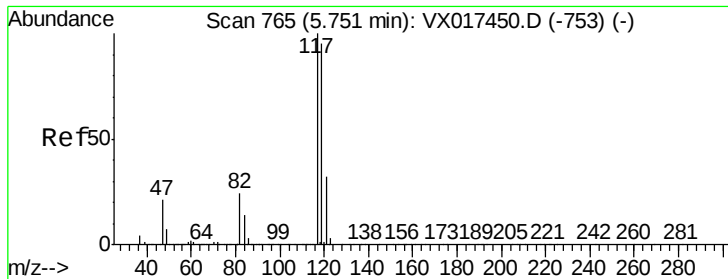
Tot Ion:	97	Resp:	19552
Ion	Ratio	Lower	Upper
97	100		
99	64.1	53.0	79.4
61	48.0	35.2	52.8



#30
 Cyclohexane
 Concen: 0.374 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion:	56	Resp:	14272
Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.4	38.2
84	88.4	69.3	103.9





#31

Carbon tetrachloride

Concen: 0.534 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

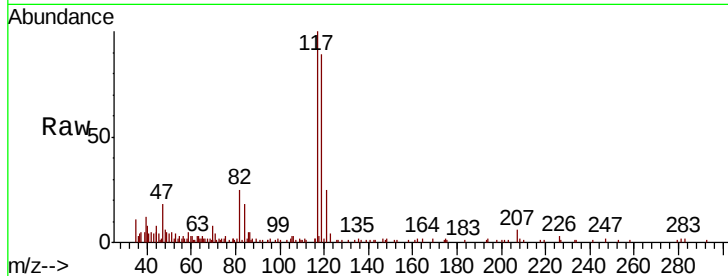
VSTD0.561

Tot Ion:117 Resp: 18274

Ion Ratio Lower Upper

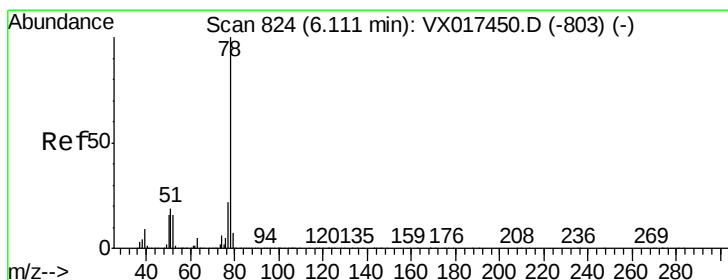
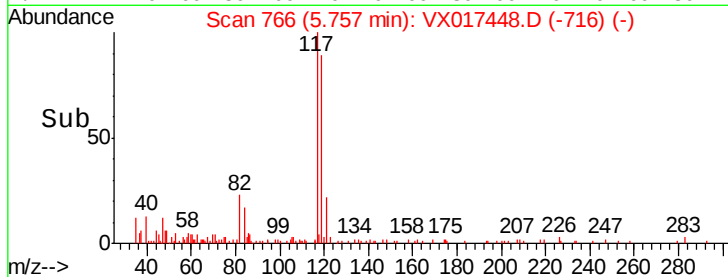
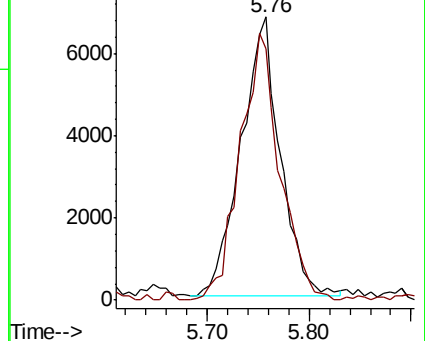
117 100

119 96.3 78.5 117.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.489 ug/L

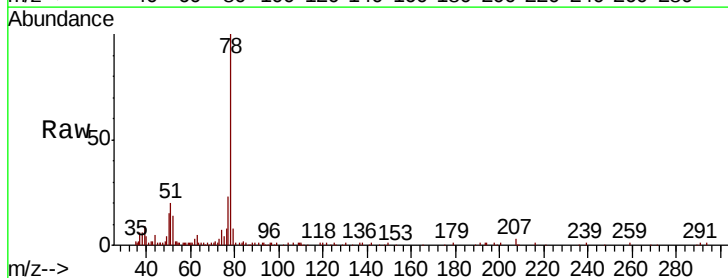
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

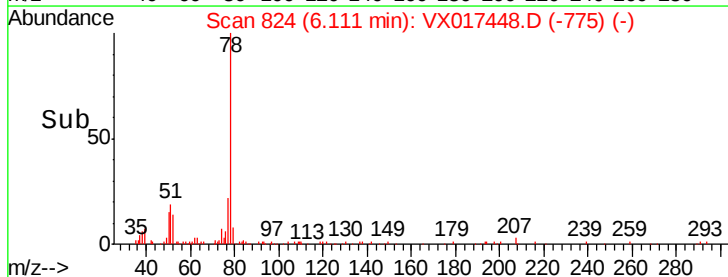
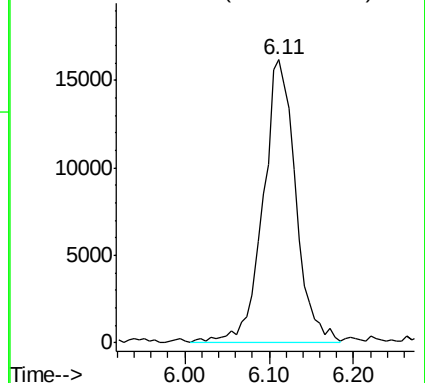
Lab File: VX017448.D

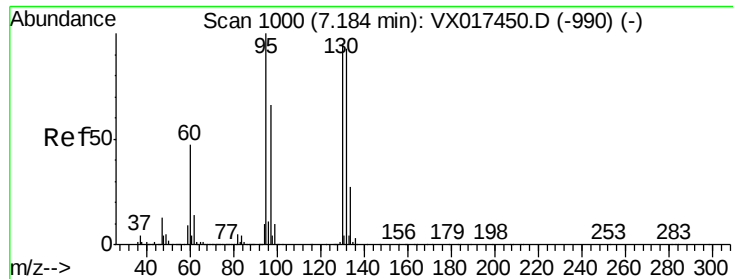
Acq: 21 Jul 2020 10:47

Tgt Ion: 78 Resp: 43311



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.517 ug/L

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

Tot Ion: 95 Resp: 12814

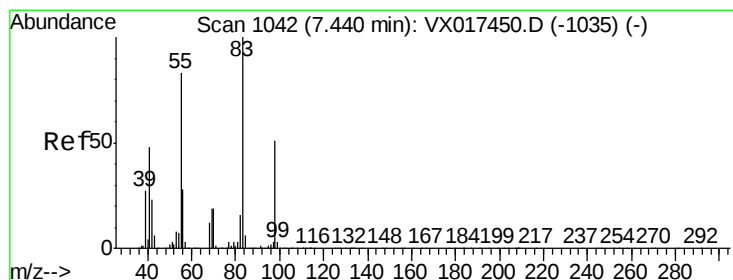
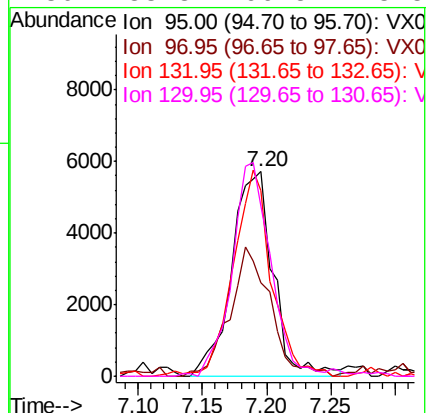
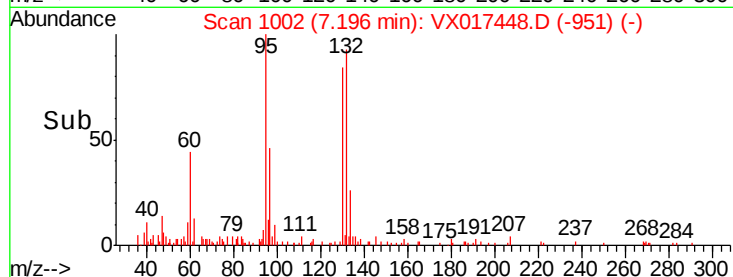
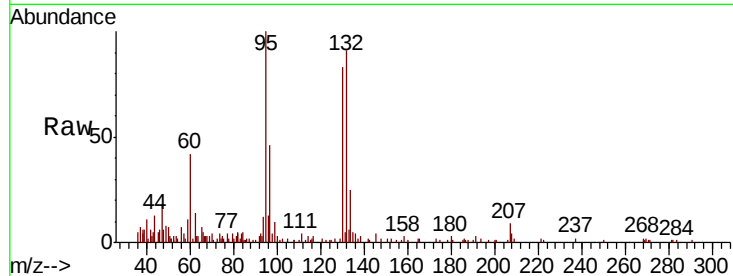
Ion Ratio Lower Upper

95 100

97 45.9 45.9 85.3#

132 90.8 65.5 121.7

130 83.3 66.5 123.5



#35

Methylcyclohexane

Concen: 0.376 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

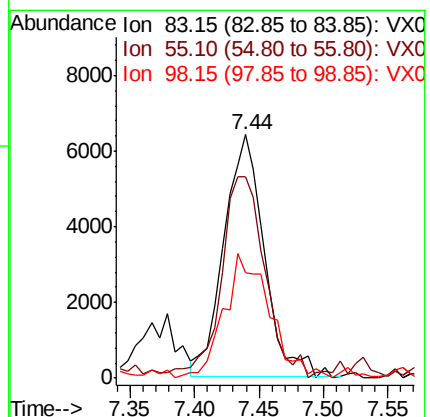
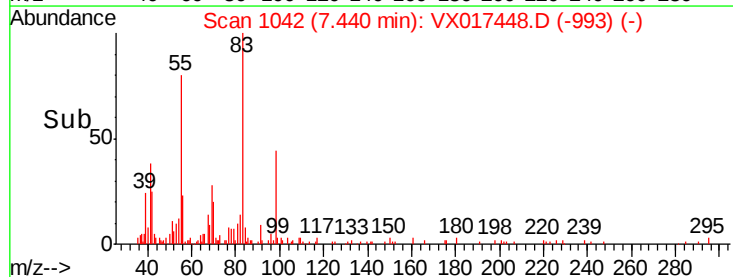
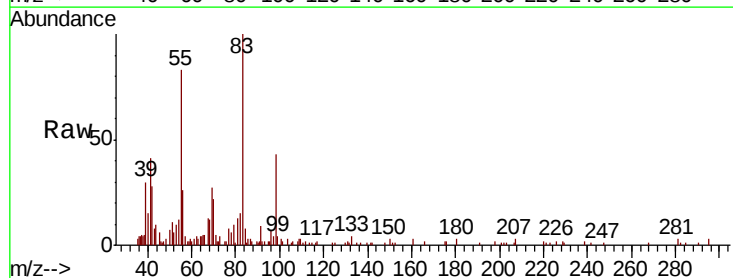
Tgt Ion: 83 Resp: 13964

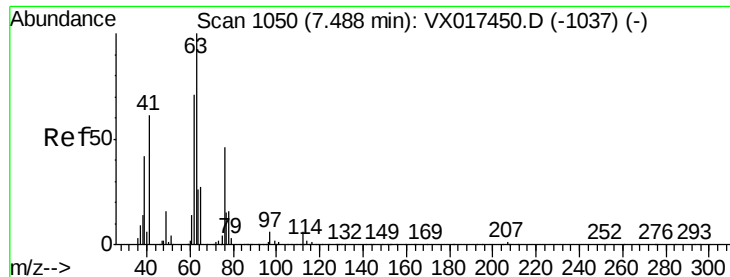
Ion Ratio Lower Upper

83 100

55 86.7 65.4 98.2

98 58.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 0.481 ug/L

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

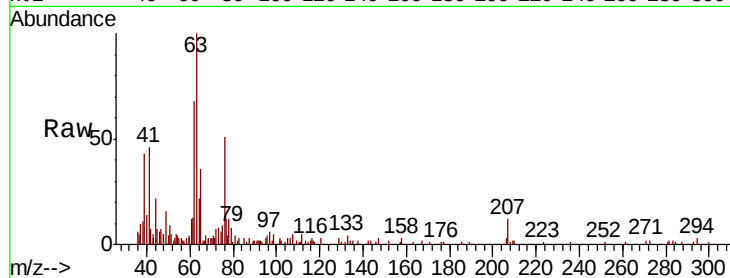
VSTD0.561

Tot Ion: 63 Resp: 11001

Ion Ratio Lower Upper

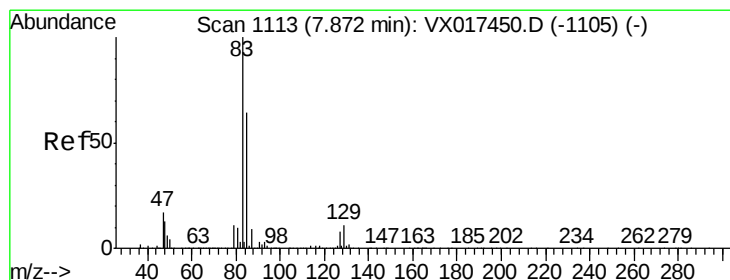
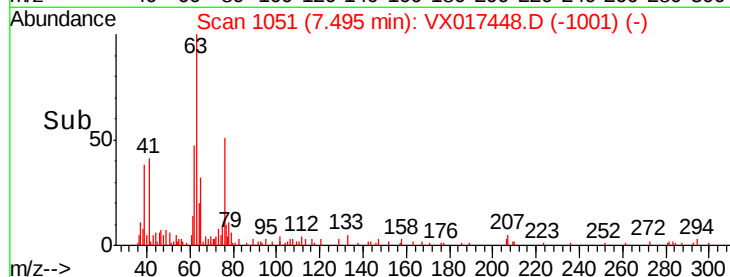
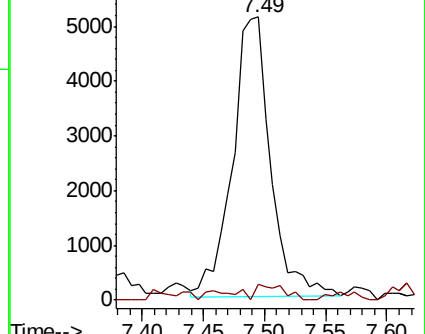
63 100

112 4.8 3.8 5.8



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 0.526 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

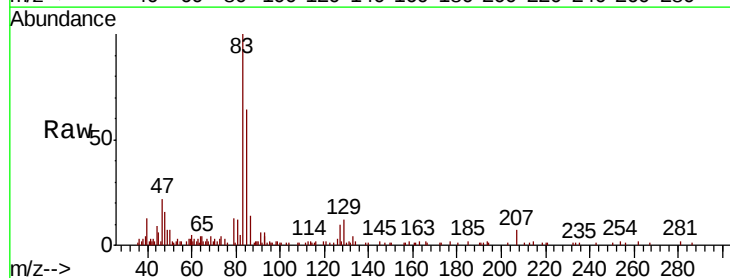
Tgt Ion: 83 Resp: 14993

Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

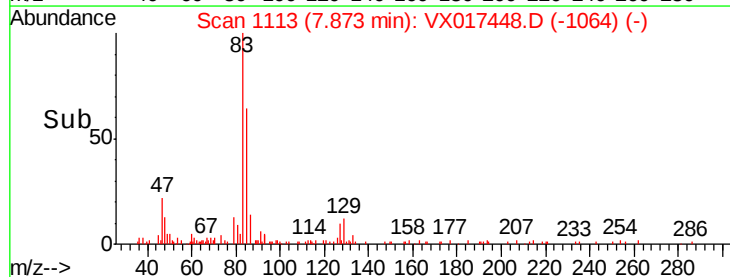
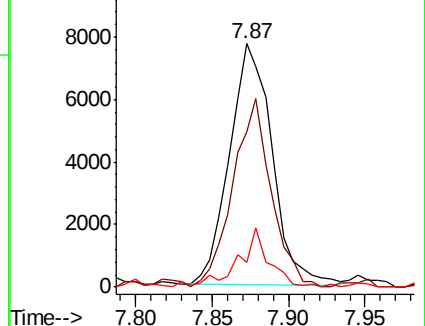
127 9.9 6.3 9.5#

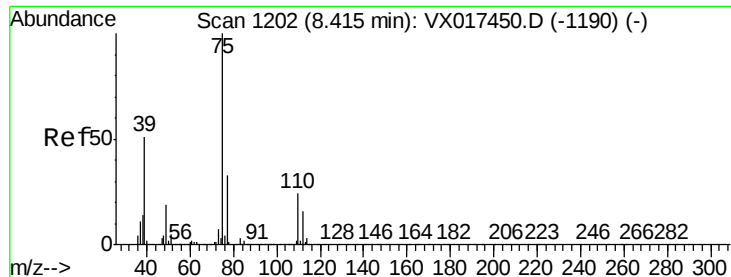


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V





#39

cis-1,3-Dichloropropene

Concen: 0.471 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

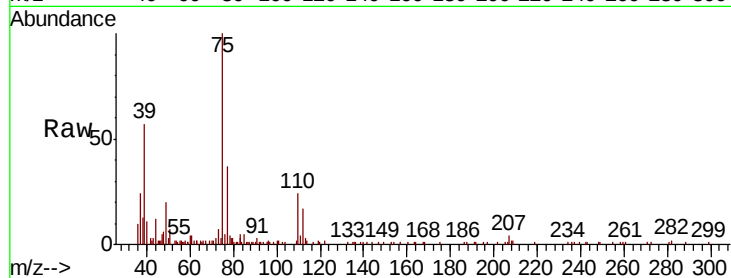
VSTD0.561

Tot Ion: 75 Resp: 14956

Ion Ratio Lower Upper

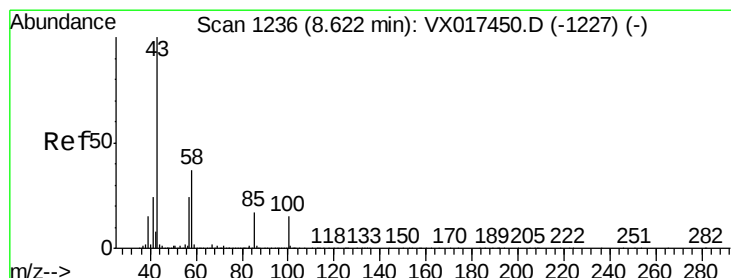
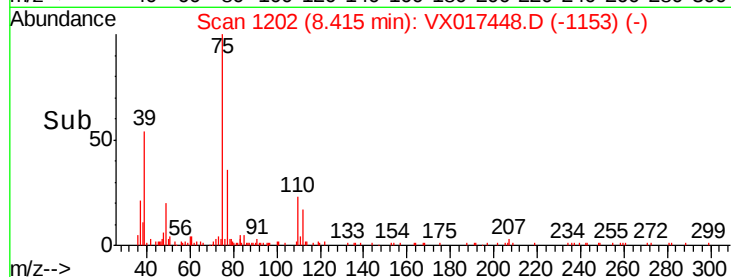
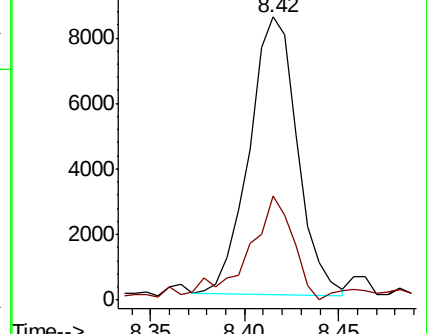
75 100

77 36.9 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 4.153 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

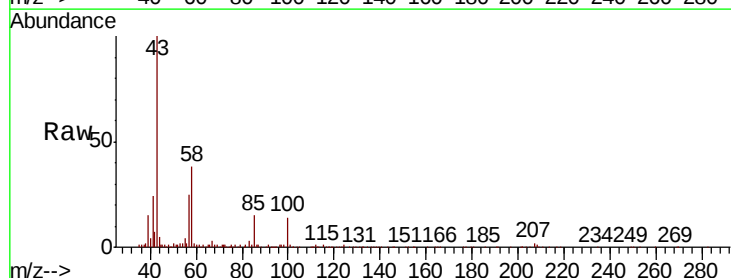
Tgt Ion: 43 Resp: 58035

Ion Ratio Lower Upper

43 100

58 35.4 30.1 45.1

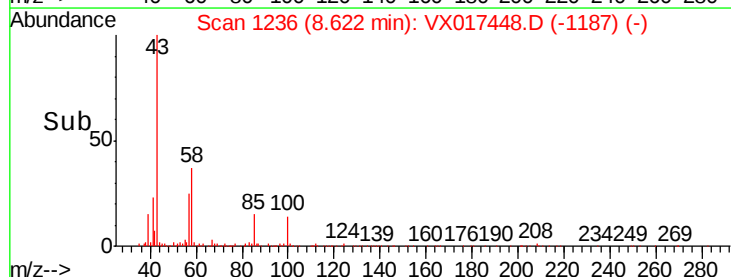
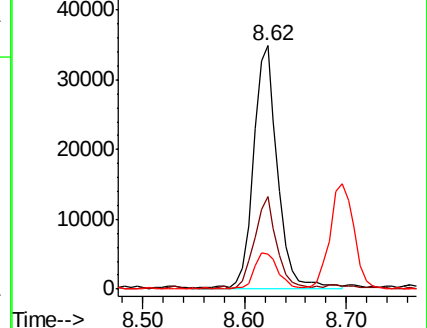
100 14.7 6.5 9.7#

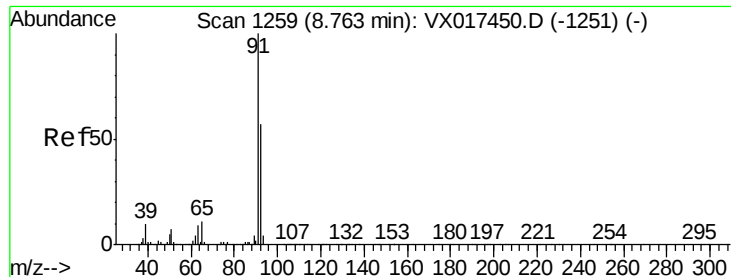


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 0.431 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

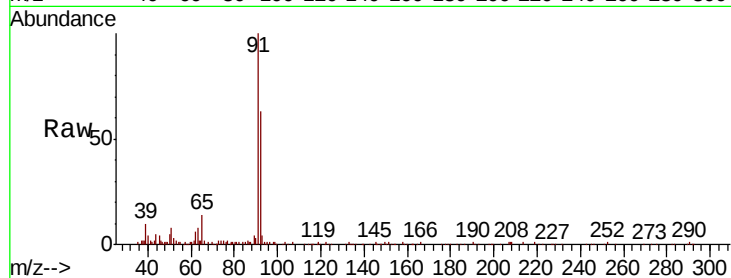
VSTD0.561

Tot Ion: 91 Resp: 39920

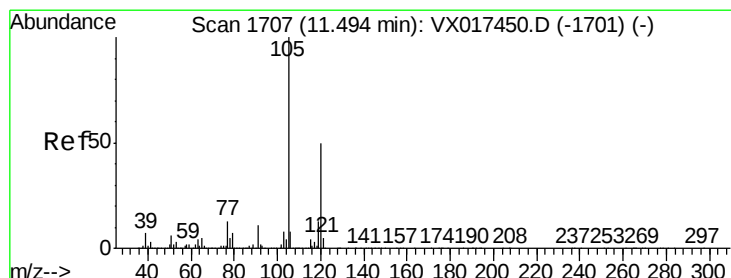
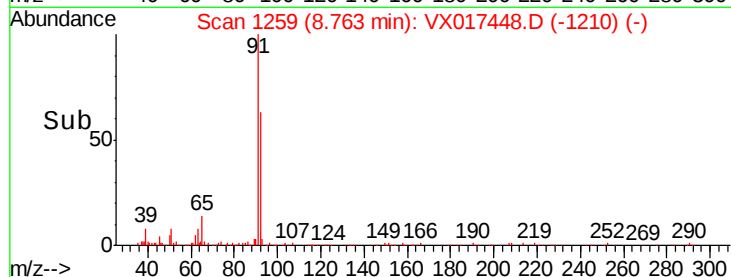
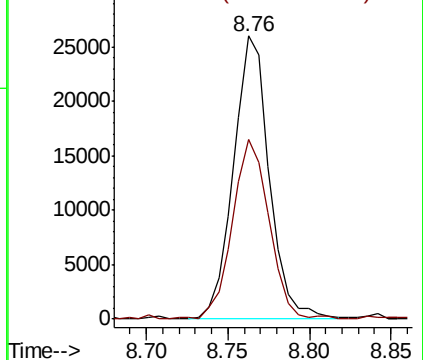
Ion Ratio Lower Upper

91 100

92 63.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX017448.D (-1210) (-)



#43

1,3,5-Trimethylbenzene

Concen: 0.372 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017448.D

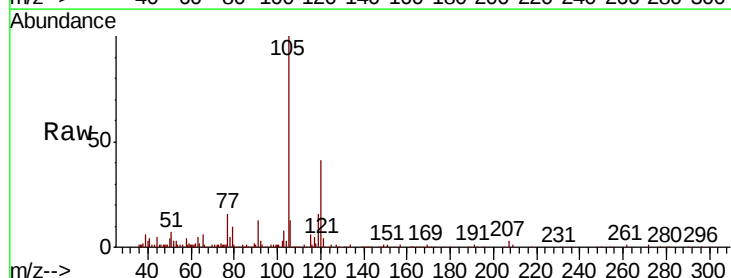
Acq: 21 Jul 2020 10:47

Tgt Ion: 105 Resp: 31655

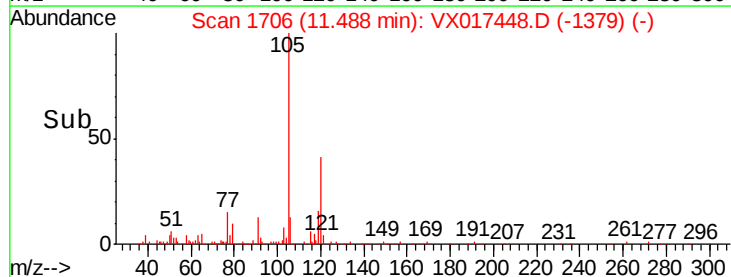
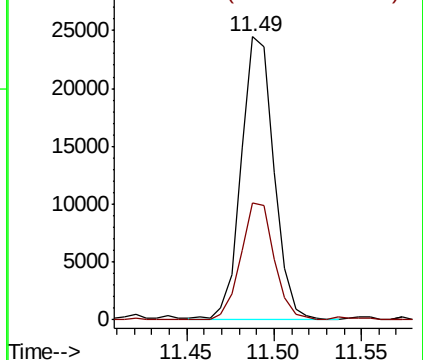
Ion Ratio Lower Upper

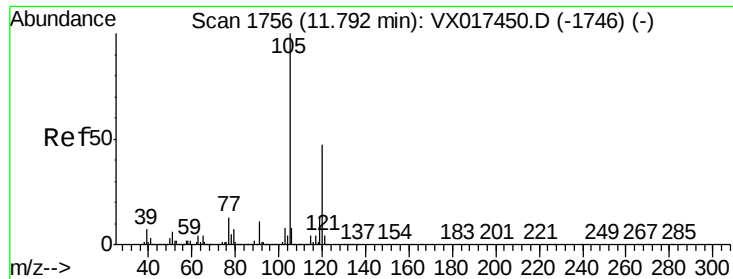
105 100

120 42.5 38.2 57.2



Abundance Ion 105.00 (104.70 to 105.70): VX017448.D (-1379) (-)

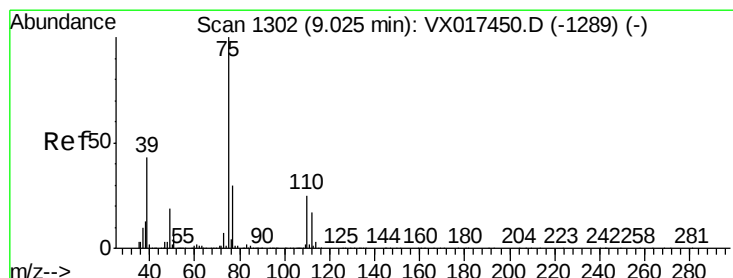
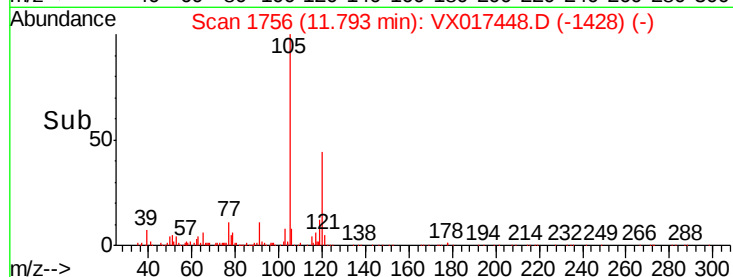
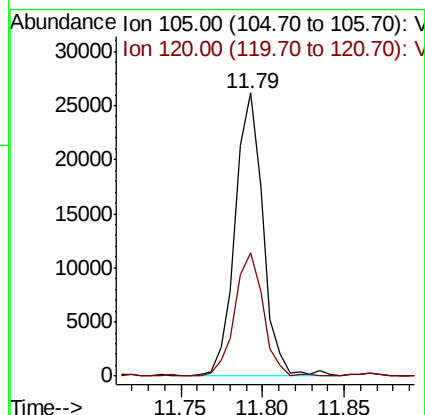
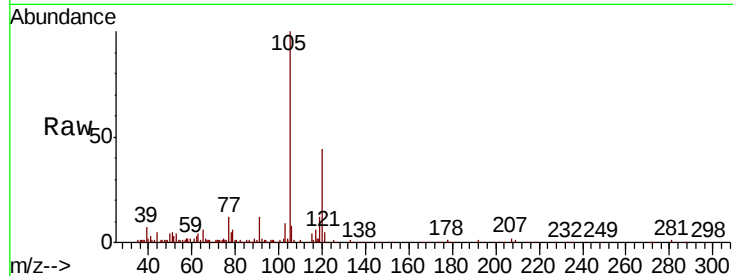




#44
 1,2,4-Trimethylbenzene
 Concen: 0.370 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

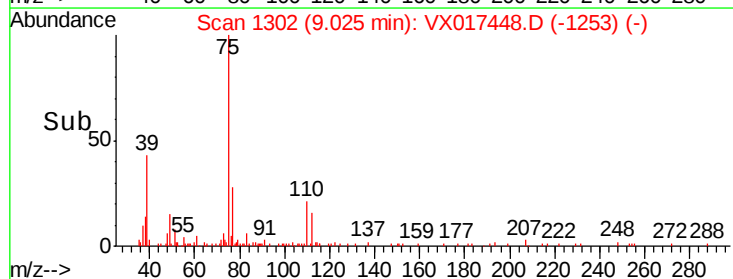
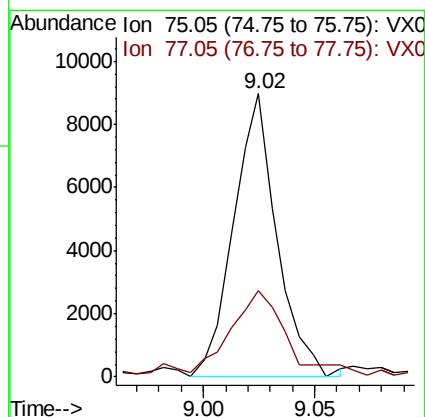
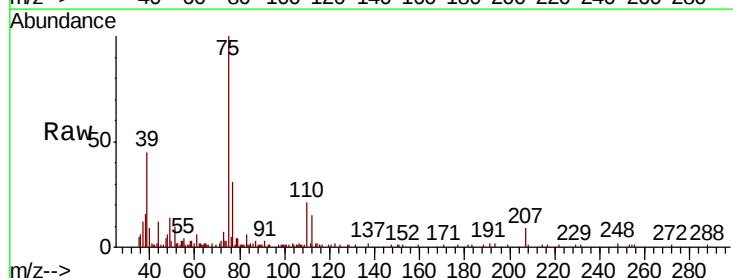
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

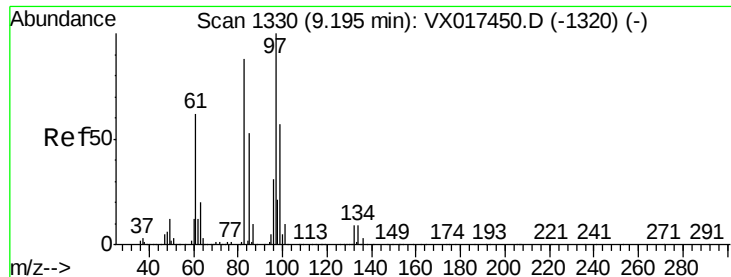
Tot Ion:105 Resp: 31109
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.5 54.7



#46
 trans-1,3-Dichloropropene
 Concen: 0.452 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion: 75 Resp: 12164
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.4 39.8

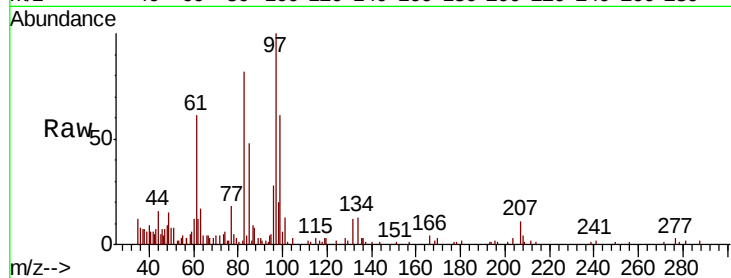




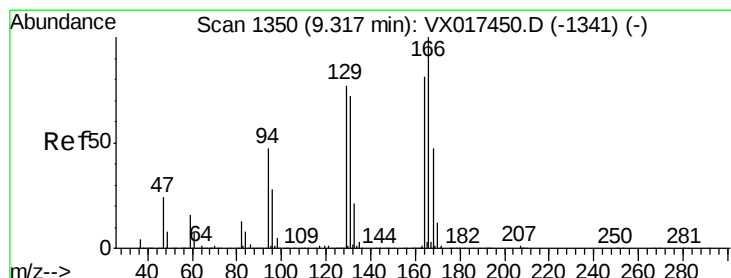
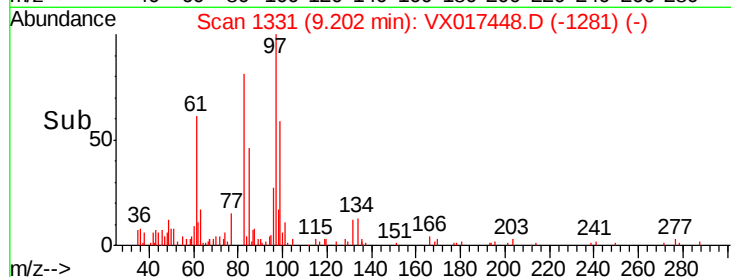
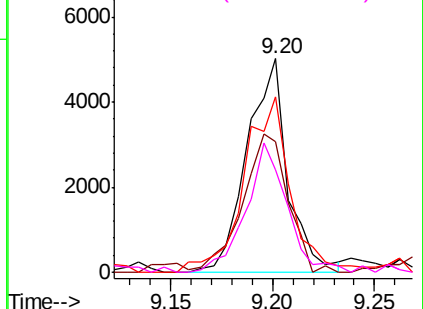
#47
 1,1,2-Trichloroethane
 Concen: 0.461 ug/L
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

Tot Ion:	97	Resp:	6941
Ion	Ratio	Lower	Upper
97	100		
99	60.9	40.2	74.6
83	82.2	61.6	114.4
85	47.8	37.5	69.6

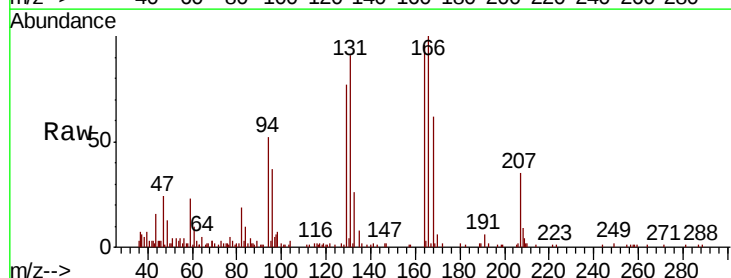


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

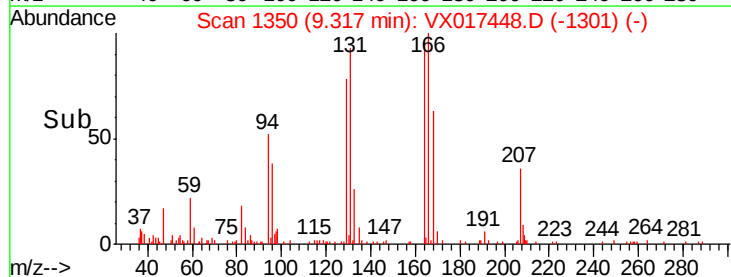
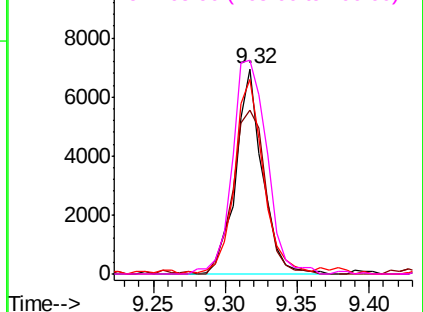


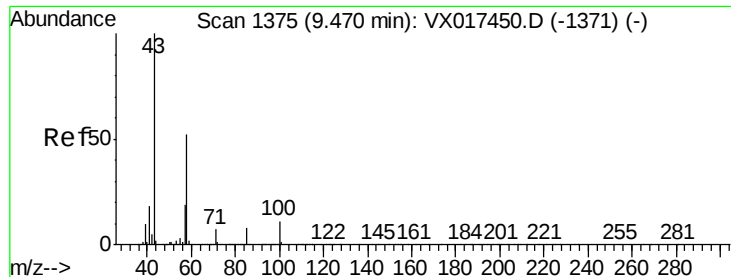
#49
 Tetrachloroethene
 Concen: 0.503 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion:	164	Resp:	8989
Ion	Ratio	Lower	Upper
164	100		
129	79.7	66.6	123.8
131	95.0	62.6	116.2
166	104.1	86.9	161.5



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

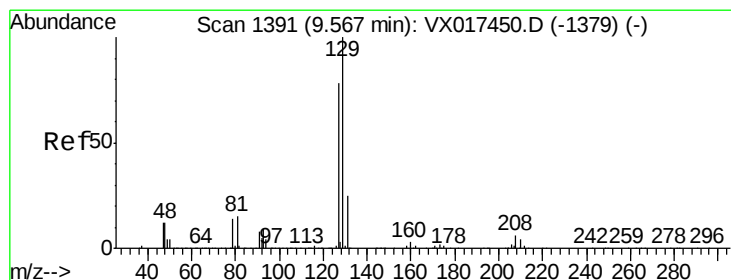
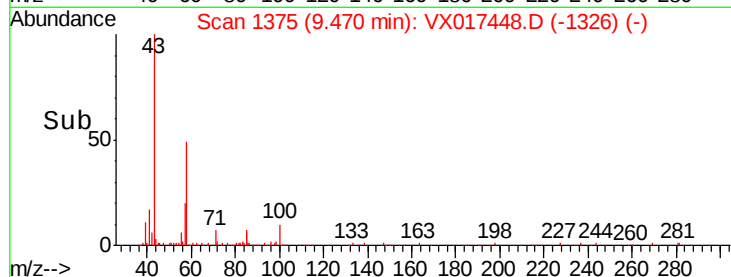
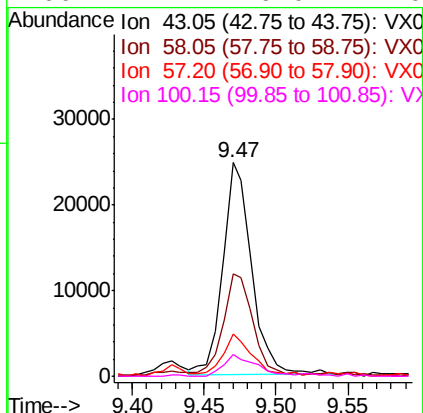
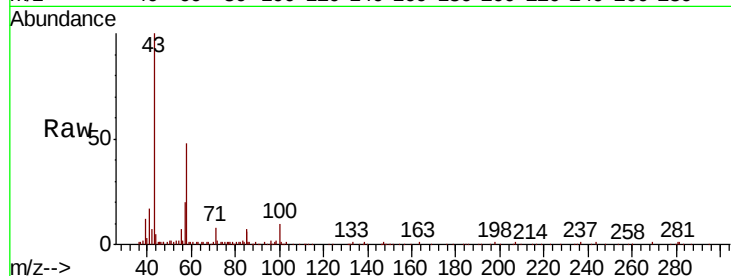




#50
2-Hexanone
Concen: 3.558 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

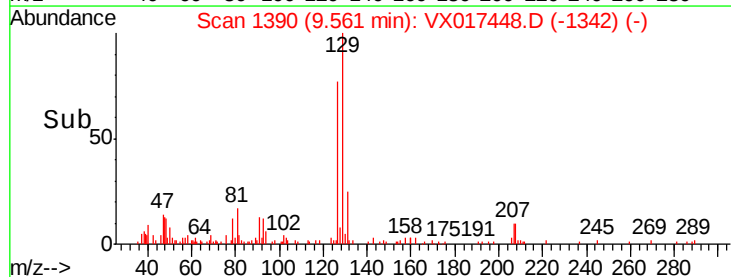
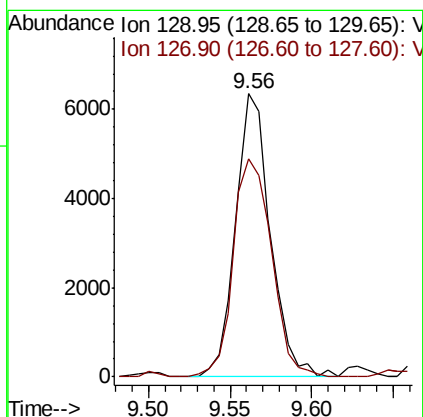
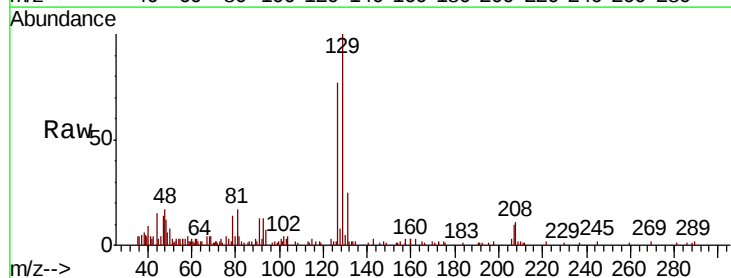
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.561

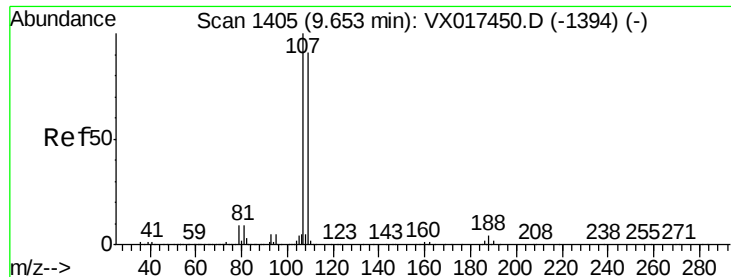
Tot Ion: 43 Resp: 35004
Ion Ratio Lower Upper
43 100
58 48.7 41.4 62.0
57 20.5 26.9 40.3#
100 11.7 16.0 24.0#



#51
Dibromochloromethane
Concen: 0.539 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

Tgt Ion: 129 Resp: 9426
Ion Ratio Lower Upper
129 100
127 77.0 54.7 101.5





#52

1,2-Dibromoethane

Concen: 0.482 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

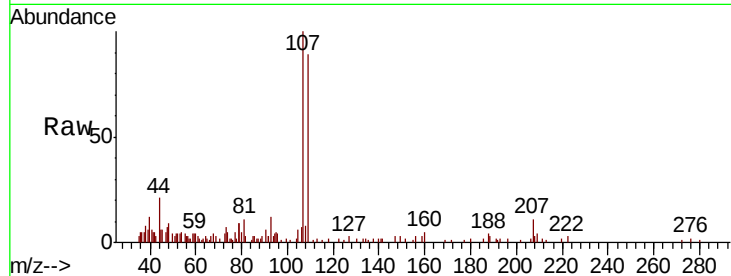
Tot Ion:107 Resp: 6714

Ion Ratio Lower Upper

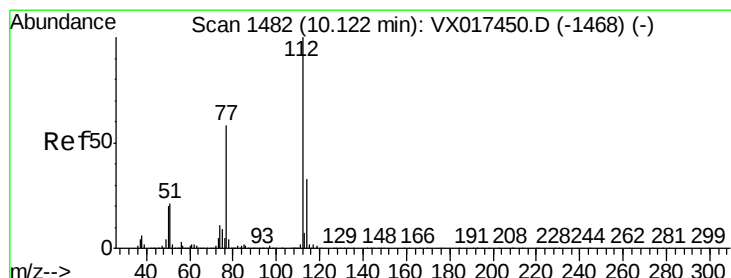
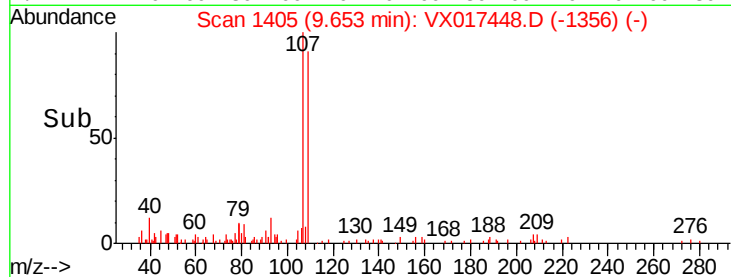
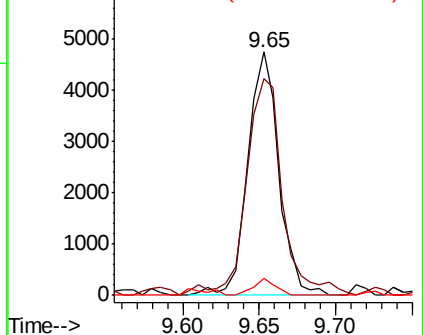
107 100

109 89.2 63.9 118.7

188 7.0 3.0 4.4#



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: 0.488 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

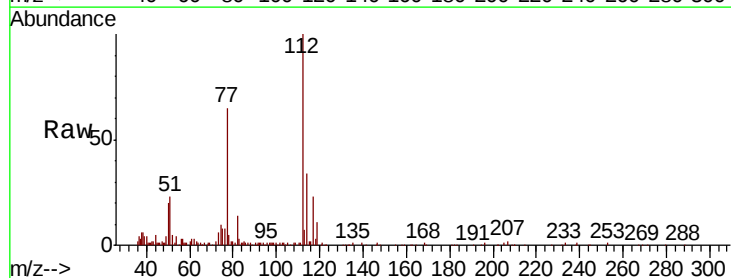
Tgt Ion:112 Resp: 29446

Ion Ratio Lower Upper

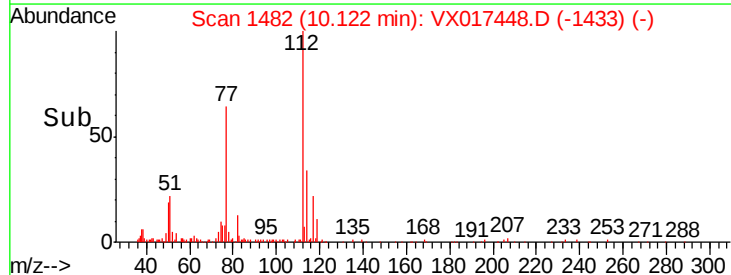
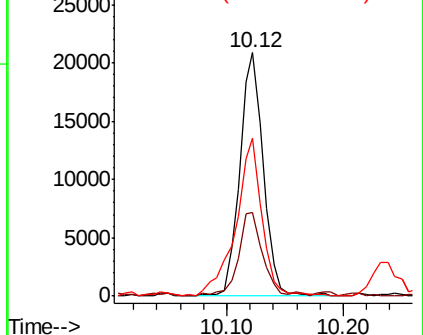
112 100

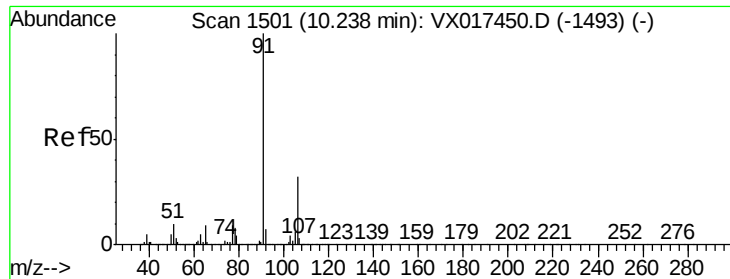
114 34.3 23.1 42.9

77 64.8 46.2 69.2



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





#54

Ethylbenzene

Concen: 0.381 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

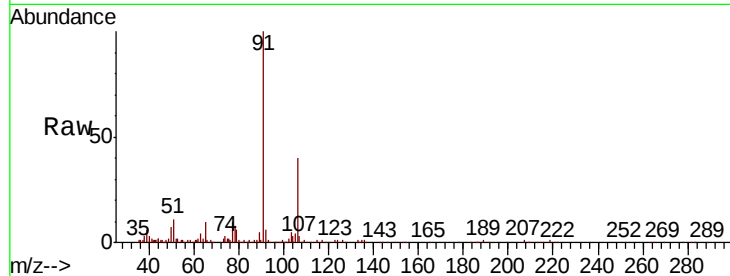
VSTD0.561

Tot Ion: 91 Resp: 40084

Ion Ratio Lower Upper

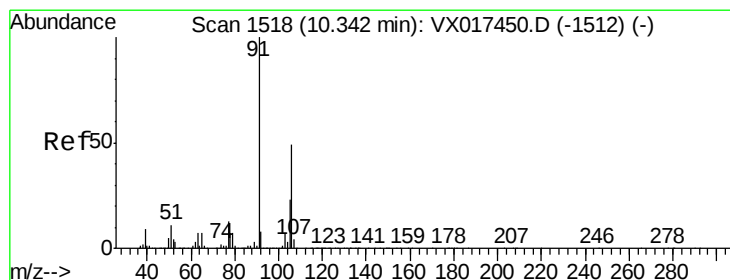
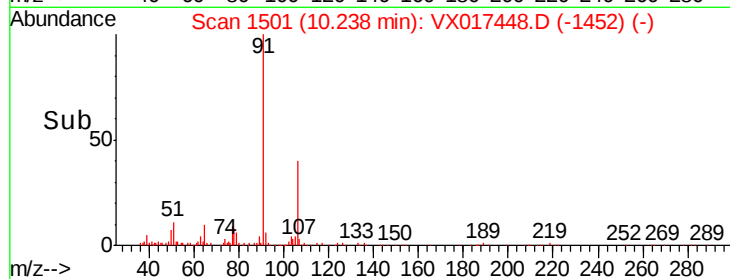
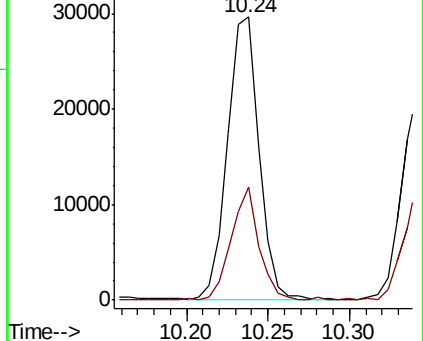
91 100

106 40.2 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 0.390 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017448.D

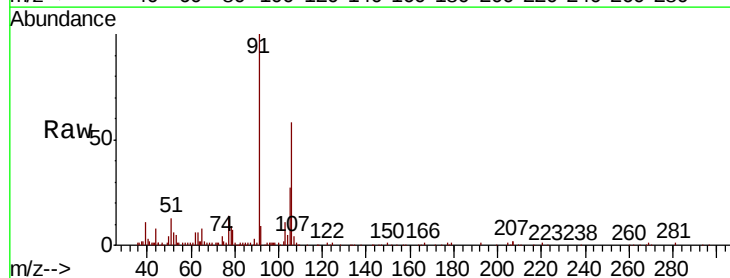
Acq: 21 Jul 2020 10:47

Tgt Ion: 106 Resp: 15373

Ion Ratio Lower Upper

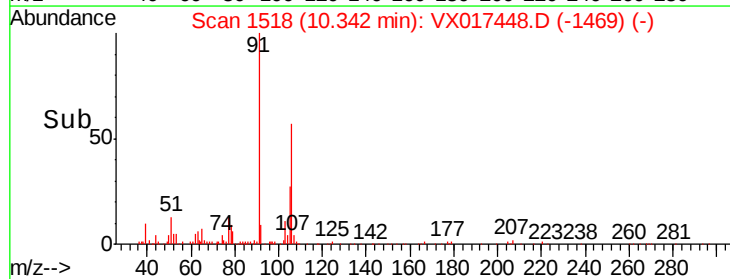
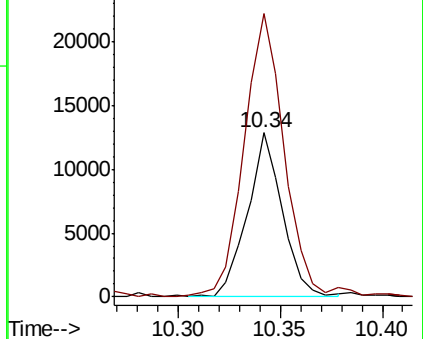
106 100

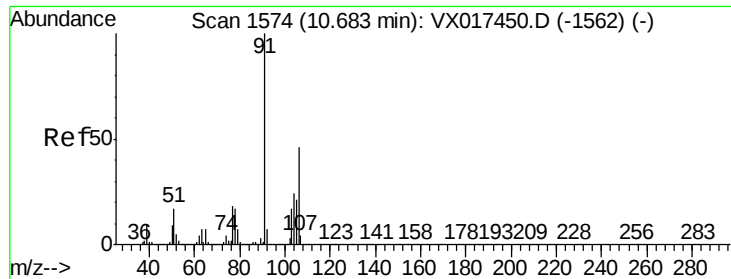
91 172.4 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

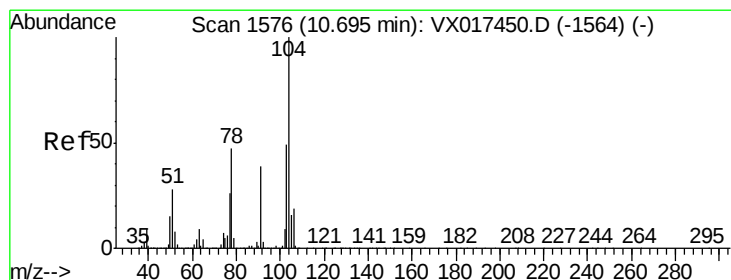
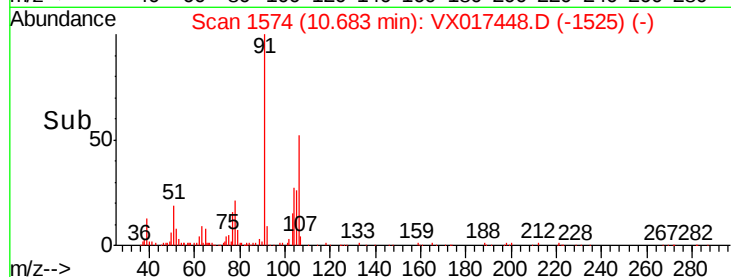
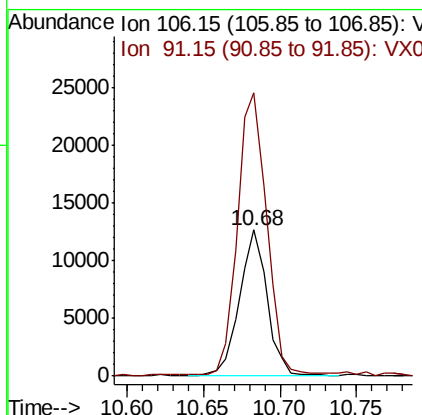
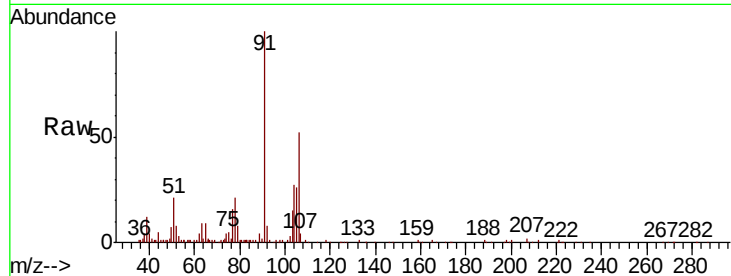




#56
o-xylene
Concen: 0.425 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

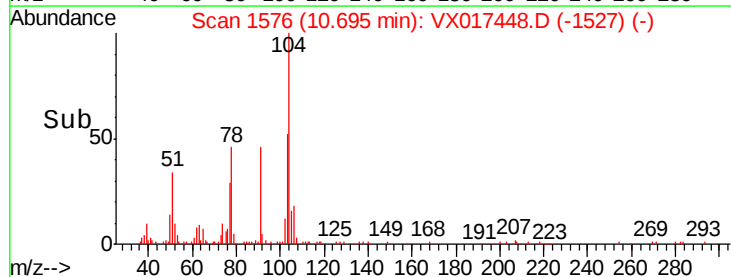
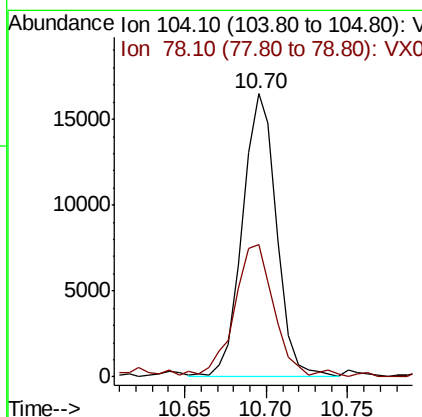
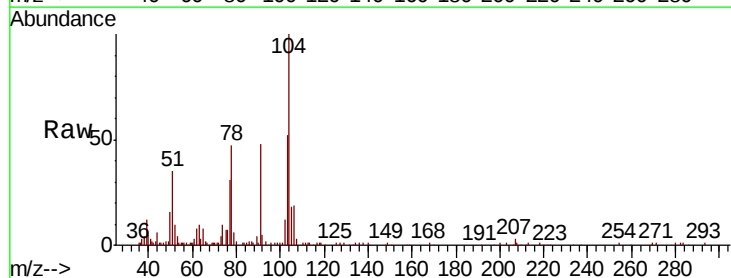
Instrument :
MSVOA_X
ClientSampled :
VSTD0.561

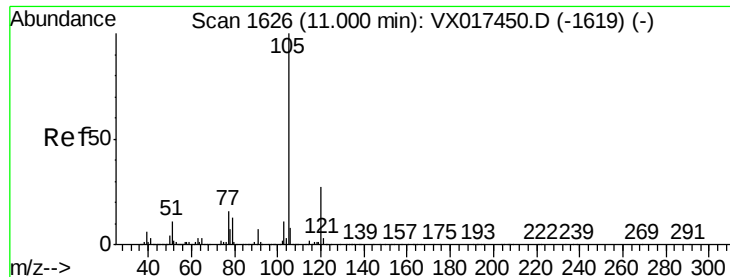
Tot Ion:106 Resp: 15998
Ion Ratio Lower Upper
106 100
91 194.0 153.4 284.8



#57
Styrene
Concen: 0.382 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017448.D
Acq: 21 Jul 2020 10:47

Tgt Ion:104 Resp: 24074
Ion Ratio Lower Upper
104 100
78 47.0 32.6 60.6





#58

Isopropylbenzene

Concen: 0.391 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

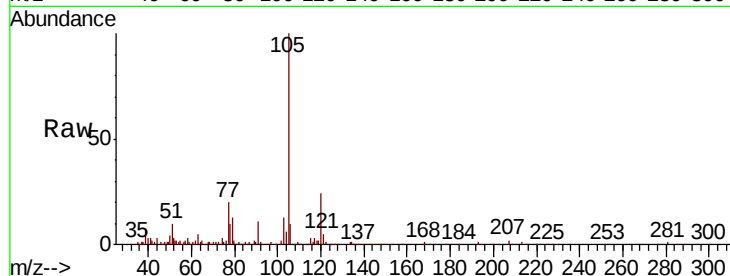
Tot Ion:105 Resp: 40059

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.2

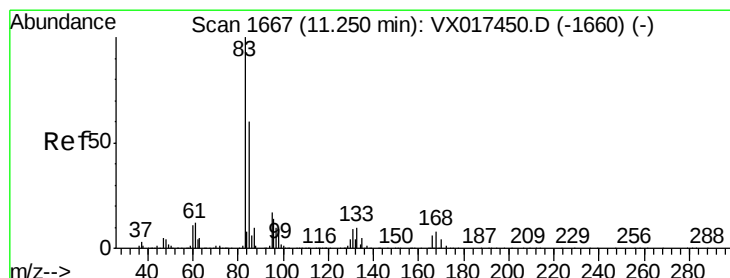
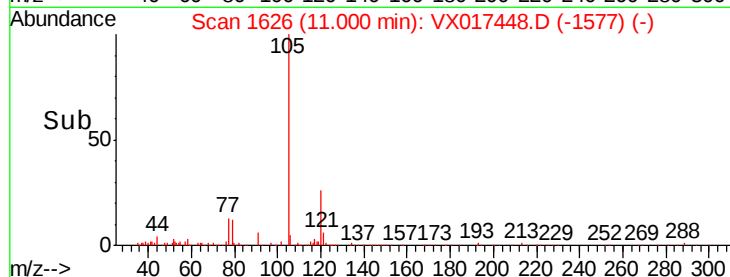
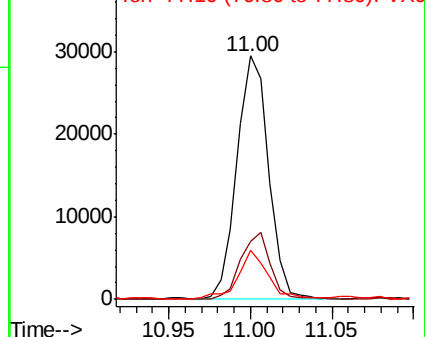
77 19.4 13.0 19.6



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: 0.466 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

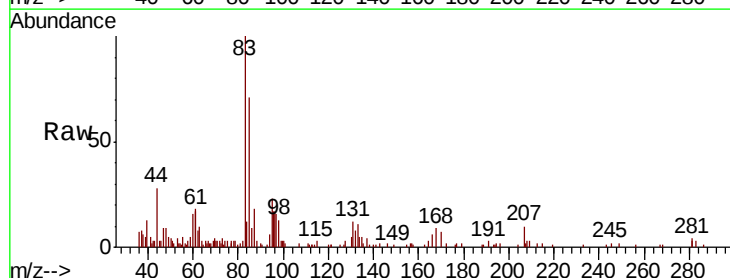
Tgt Ion: 83 Resp: 7827

Ion Ratio Lower Upper

83 100

85 71.3 42.1 78.1

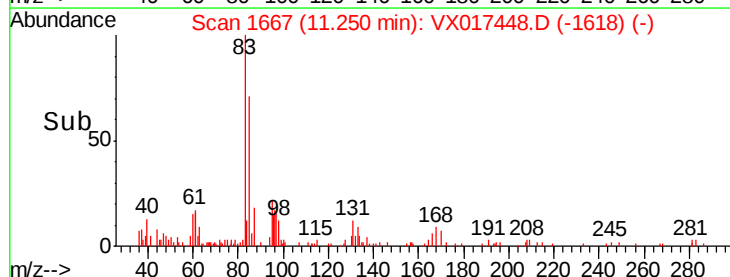
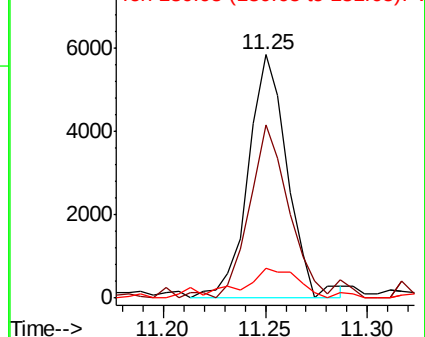
131 12.1 7.7 11.5#

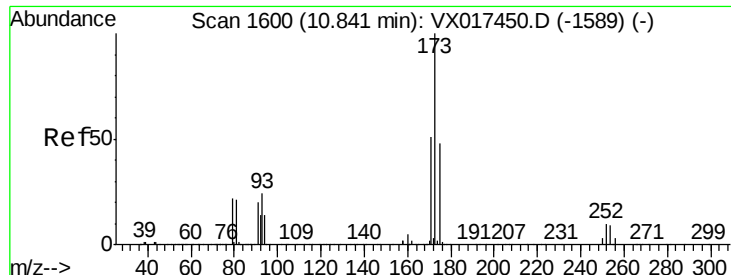


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.623 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

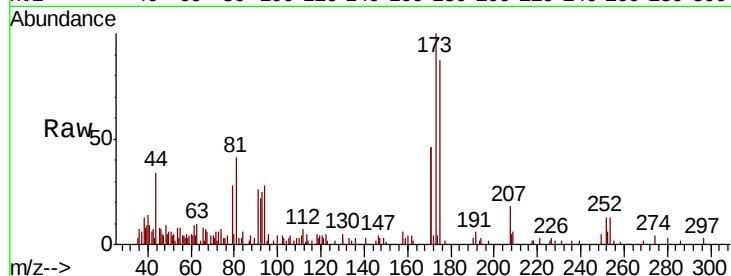
Tot Ion:173 Resp: 5206

Ion Ratio Lower Upper

173 100

175 63.6 38.4 57.6#

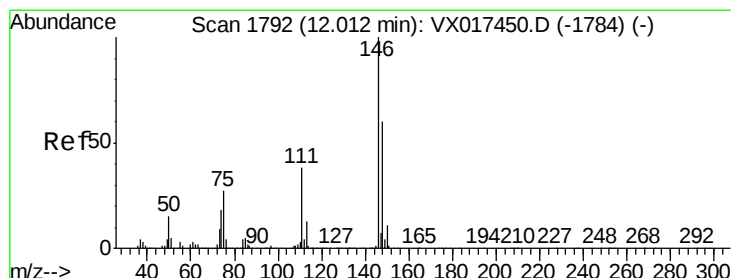
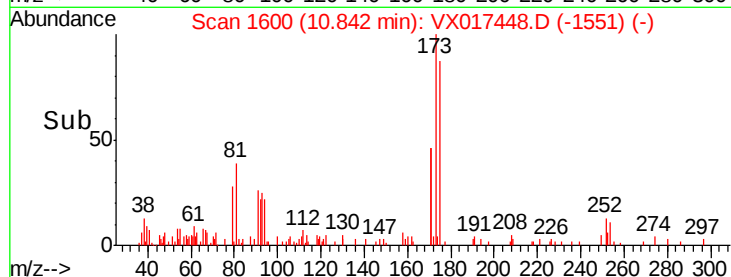
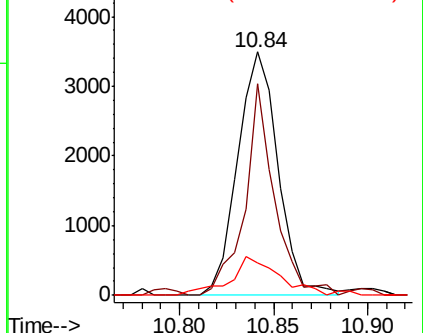
254 19.0 7.4 11.2#



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: 0.506 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

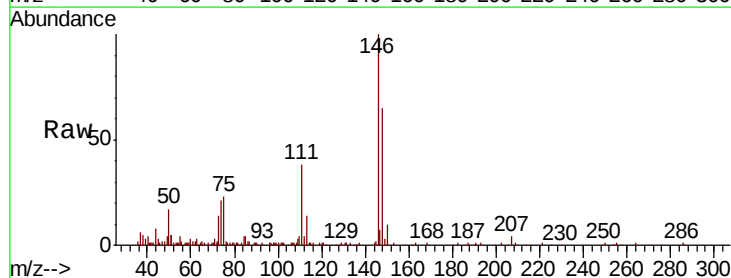
Tgt Ion:146 Resp: 21848

Ion Ratio Lower Upper

146 100

111 37.9 26.8 49.8

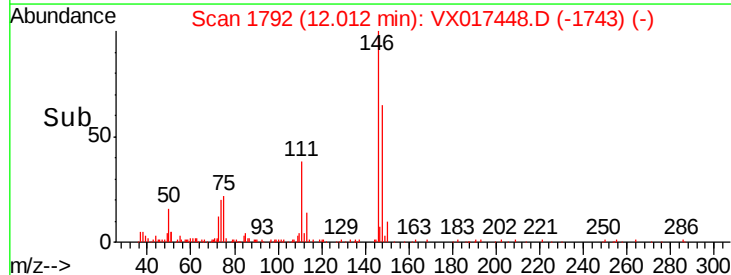
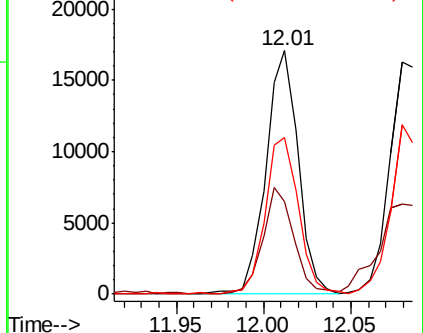
148 64.6 42.1 78.3

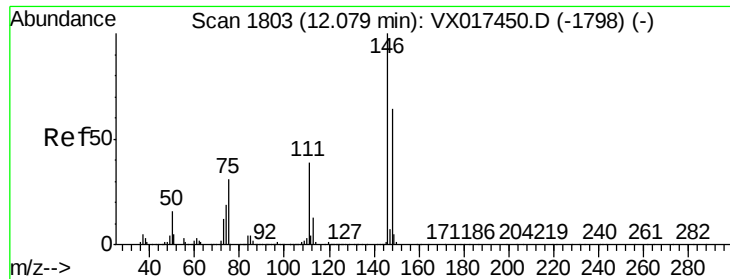


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

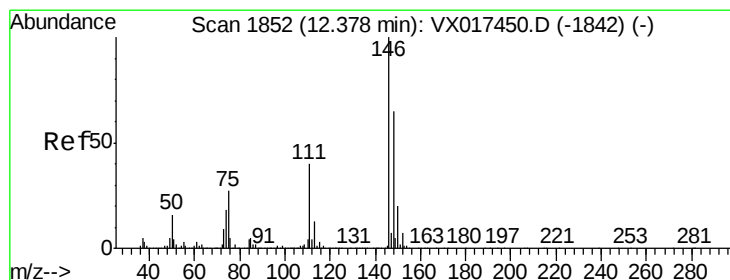
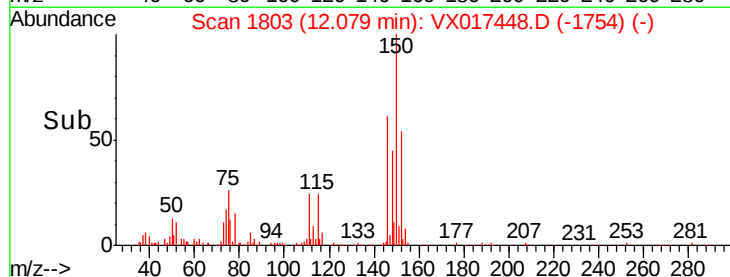
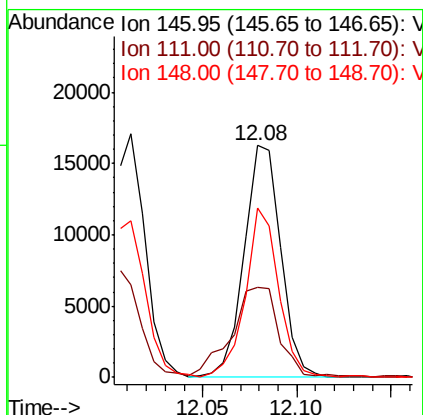
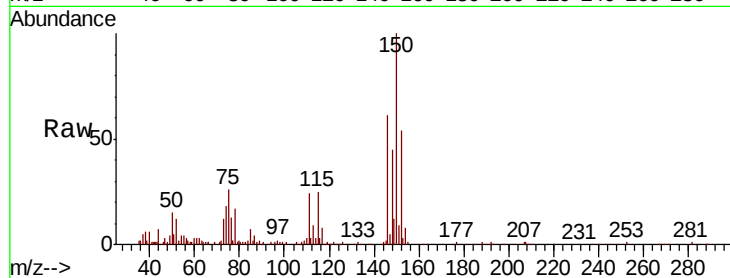




#64
 1,4-Dichlorobenzene
 Concen: 0.507 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

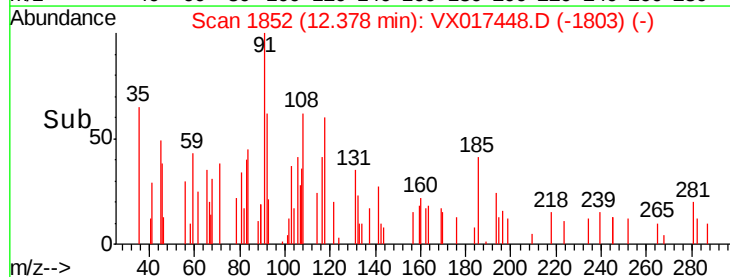
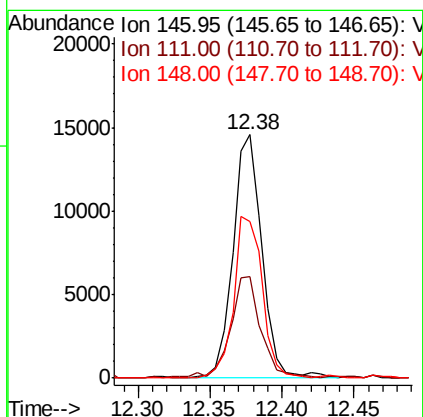
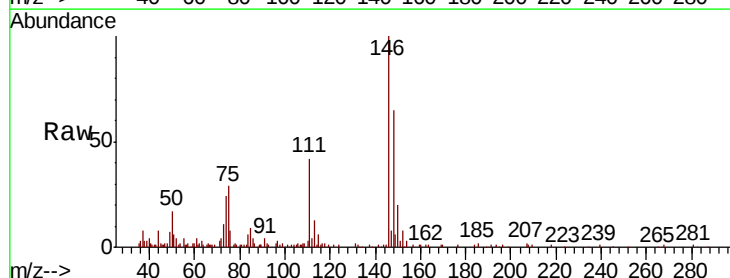
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD0.561

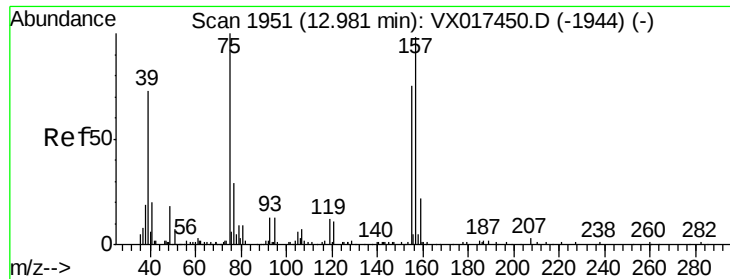
Tot Ion:146 Resp: 21980
 Ion Ratio Lower Upper
 146 100
 111 38.7 27.7 51.5
 148 73.2 44.9 83.5



#66
 1,2-Dichlorobenzene
 Concen: 0.523 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion:146 Resp: 20487
 Ion Ratio Lower Upper
 146 100
 111 41.5 31.8 47.6
 148 64.5 51.8 77.8





#67

1,2-Dibromo-3-chloropropane

Concen: 0.750 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.561

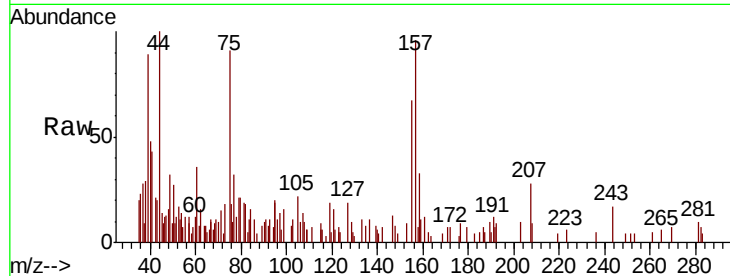
Tot Ion: 75 Resp: 2047

Ion Ratio Lower Upper

75 100

155 74.4 59.6 89.4

157 105.5 78.7 118.1

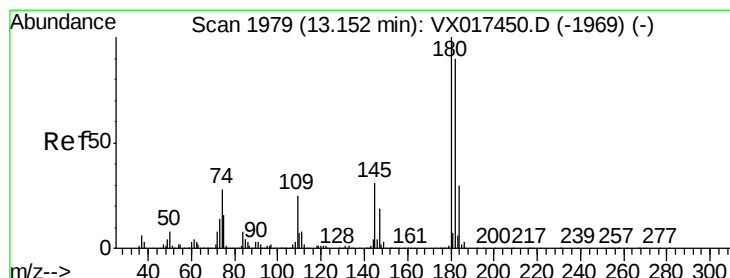
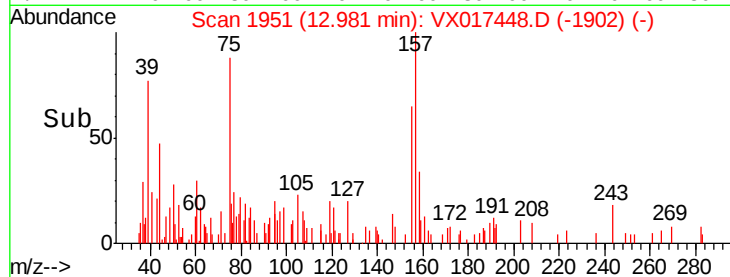
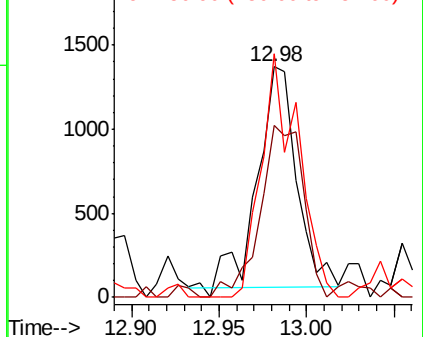


Abundance

Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V



#68

1,3,5-Trichlorobenzene

Concen: 0.562 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX017448.D

Acq: 21 Jul 2020 10:47

Tgt Ion: 180 Resp: 18541

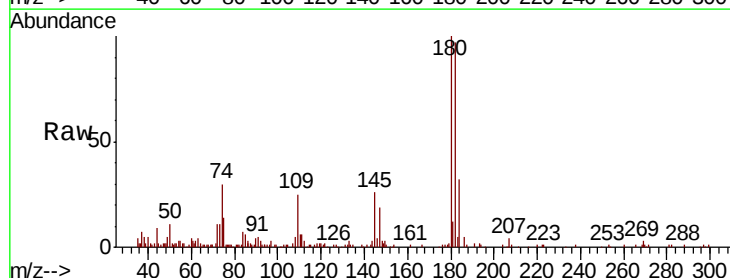
Ion Ratio Lower Upper

180 100

182 92.9 73.8 110.8

184 33.2 24.2 36.2

145 28.8 24.4 36.6



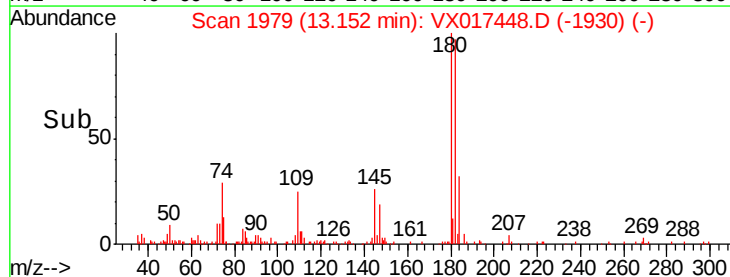
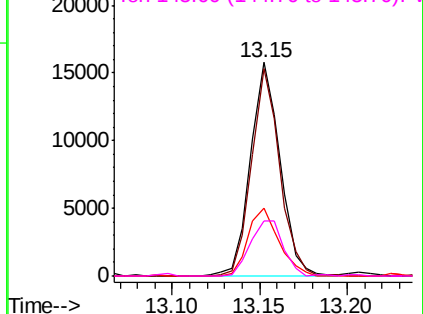
Abundance

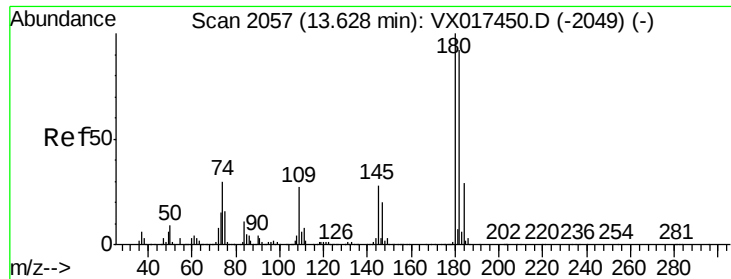
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

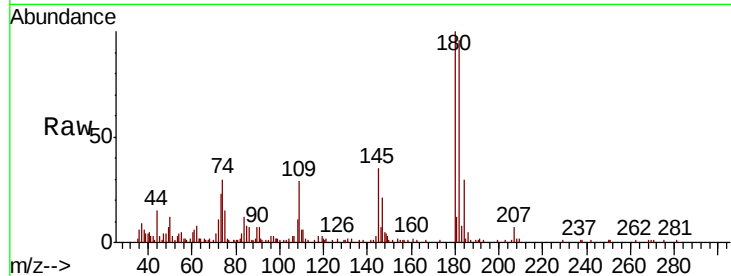




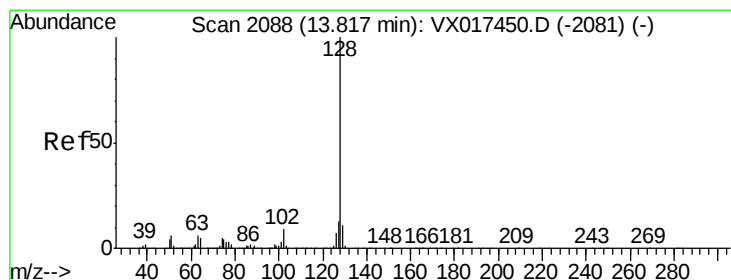
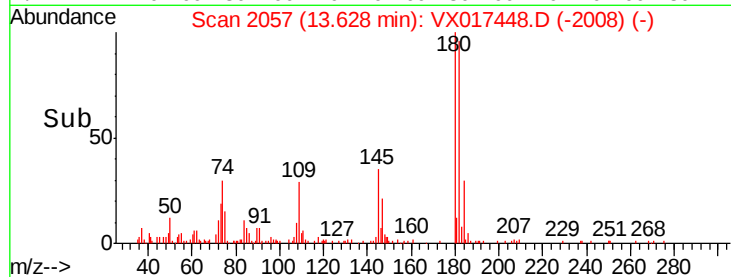
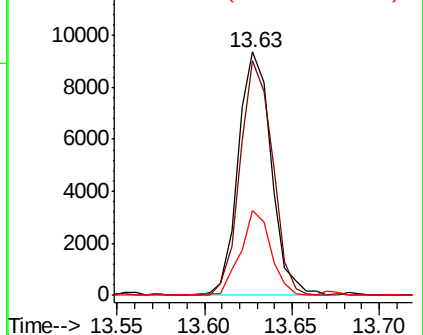
#69
 1,2,4-trichlorobenzene
 Concen: 0.452 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.3	112.9
145	32.0	24.3	36.5

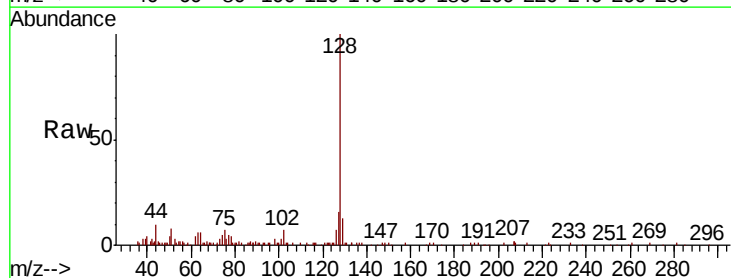


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

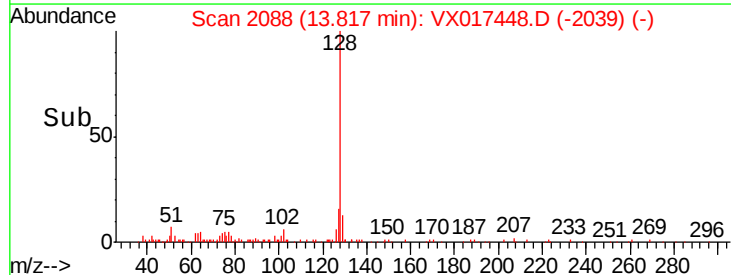
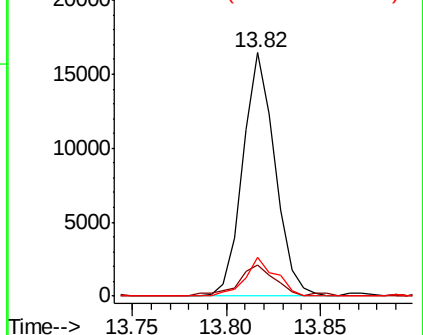


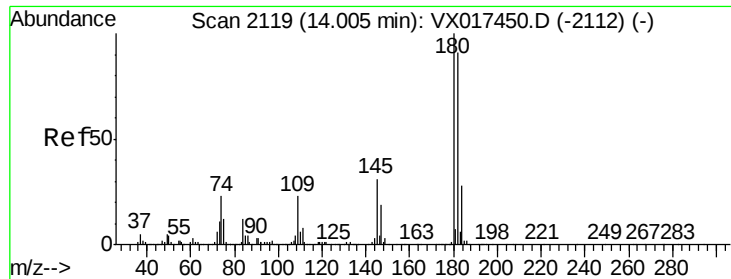
#70
 Naphthalene
 Concen: 0.433 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.4	8.7	13.1#
127	15.0	10.2	15.4



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: 0.413 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX017448.D
 Acq: 21 Jul 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.8	75.3	112.9
145	39.1	26.9	40.3

