

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017451.D
 Acq On : 21 Jul 2020 12:27
 Operator : JC/SP
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

Quant Time: Jul 22 05:37:00 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	367707	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	336107	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	191245	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	262952	11.94	ug/L	0.00
7) Chloroethane-d5	1.68	69	188547	9.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	529251	11.45	ug/L	0.00
20) 2-Butanone-d5	4.53	46	542825	93.81	ug/L	0.00
24) Chloroform-d	5.15	84	477433	10.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	242991	9.47	ug/L	0.00
32) Benzene-d6	6.05	84	850106	10.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	268169	11.09	ug/L	0.00
41) Toluene-d8	8.70	98	815715	10.64	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	113125	11.50	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	464494	112.13	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	192961	10.94	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	331652	10.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	372533	12.023 ug/L	99
3) Chloromethane	1.31	50	384447	12.649 ug/L	98
5) Vinyl chloride	1.39	62	351402	11.954 ug/L	99
6) Bromomethane	1.62	94	191331	11.811 ug/L	100
8) Chloroethane	1.71	64	195016	9.693 ug/L	99
9) Trichlorofluoromethane	1.92	101	487399	11.883 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	265385	11.502 ug/L	98
12) 1,1-Dichloroethene	2.35	96	265188	12.236 ug/L	88
13) Acetone	2.42	43	442090	111.829 ug/L	99
14) Carbon disulfide	2.55	76	880328	12.191 ug/L	98
15) Methyl Acetate	2.75	43	121436	12.933 ug/L	99
16) Methylene chloride	2.83	84	291198	11.312 ug/L	89
17) Methyl tert-butyl Ether	3.17	73	671034	12.077 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	284980	12.079 ug/L	94
19) 1,1-Dichloroethane	3.67	63	507298	11.351 ug/L	98
21) 2-Butanone	4.63	43	710691	115.214 ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	294927	11.824 ug/L #	98
23) Bromochloromethane	4.98	128	136184	12.654 ug/L	91
25) Chloroform	5.18	83	531812	10.927 ug/L	99
27) 1,2-Dichloroethane	6.16	62	336569	10.991 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	474835	12.200 ug/L	98
30) Cyclohexane	5.55	56	375676	9.899 ug/L	99
31) Carbon tetrachloride	5.75	117	428828	12.602 ug/L	96
33) Benzene	6.11	78	1101489	12.499 ug/L	100
34) Trichloroethene	7.19	95	291151	11.808 ug/L	95
35) Methylcyclohexane	7.44	83	395831	10.714 ug/L	98
37) 1,2-Dichloropropane	7.49	63	263108	11.569 ug/L	99
38) Bromodichloromethane	7.88	83	367127	12.967 ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	407491	12.898 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	1580728	113.781 ug/L #	97

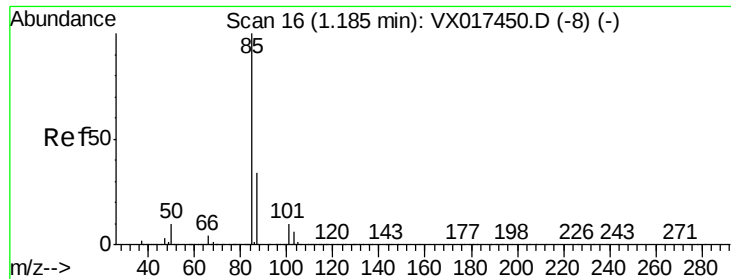
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	1116725	12.126	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	1223122	14.458	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	1233913	14.770	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	355903	13.298	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	193338	12.914	ug/L	97
49) Tetrachloroethene	9.32	164	236341	13.309	ug/L	94
50) 2-Hexanone	9.47	43	1297014	132.613	ug/L #	88
51) Dibromochloromethane	9.57	129	274392	15.782	ug/L	100
52) 1,2-Dibromoethane	9.65	107	193002	13.940	ug/L	99
53) Chlorobenzene	10.12	112	737104	12.293	ug/L	100
54) Ethylbenzene	10.24	91	1203831	11.517	ug/L	100
55) m,p-xylene	10.34	106	488920	12.474	ug/L	98
56) o-xylene	10.68	106	495371	13.251	ug/L	99
57) Styrene	10.69	104	863001	13.771	ug/L	98
58) Isopropylbenzene	11.00	105	1259809	12.372	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	219890	13.168	ug/L	93
62) Bromoform	10.84	173	156293	15.063	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	689583	12.860	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	674836	12.521	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	624964	12.851	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	45374	13.382	ug/L	99
68) 1,3,5-Trichlorobenzene	13.15	180	557874	13.618	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	421236	12.424	ug/L	99
70) Naphthalene	13.82	128	715422	12.810	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	378843	12.459	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 12.023 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

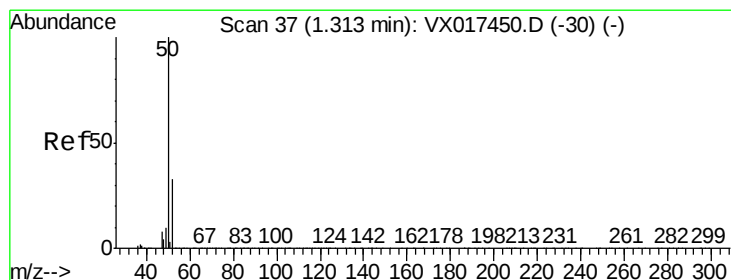
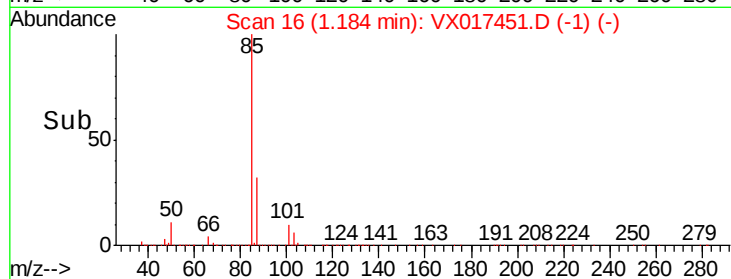
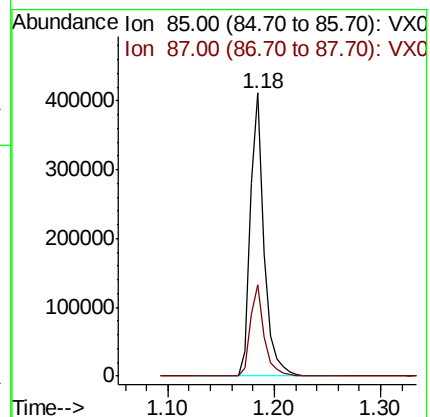
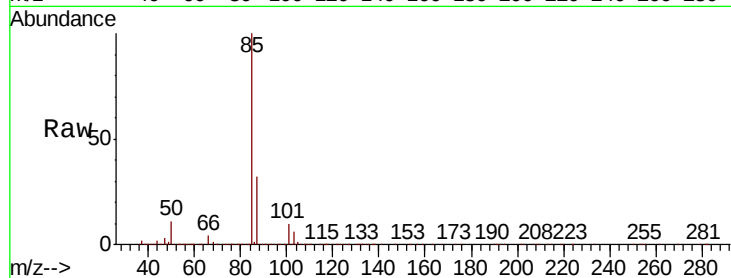
VSTD01064

Tot Ion: 85 Resp: 372533

Ion Ratio Lower Upper

85 100

87 32.1 26.1 39.1



#3

Chloromethane

Concen: 12.649 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017451.D

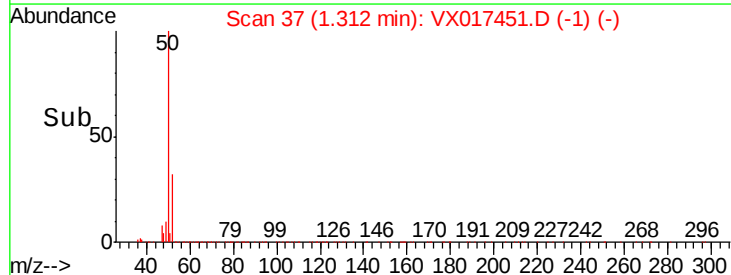
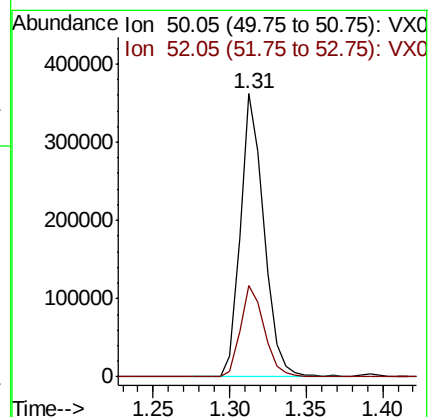
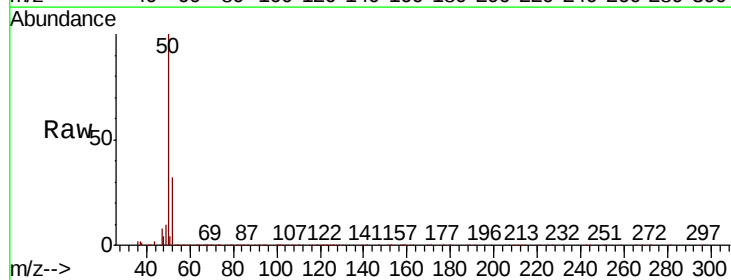
Acq: 21 Jul 2020 12:27

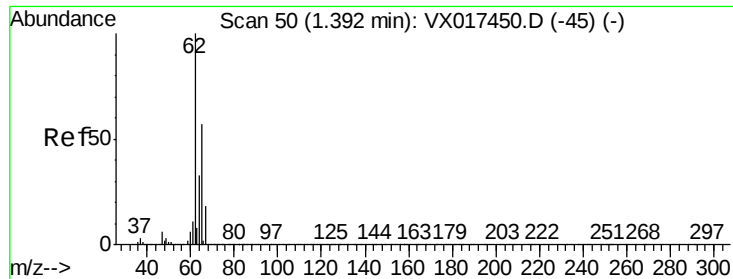
Tgt Ion: 50 Resp: 384447

Ion Ratio Lower Upper

50 100

52 32.3 23.2 43.2





#5

Vinyl chloride

Concen: 11.954 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

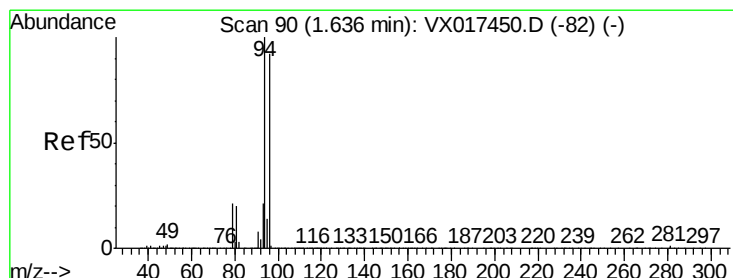
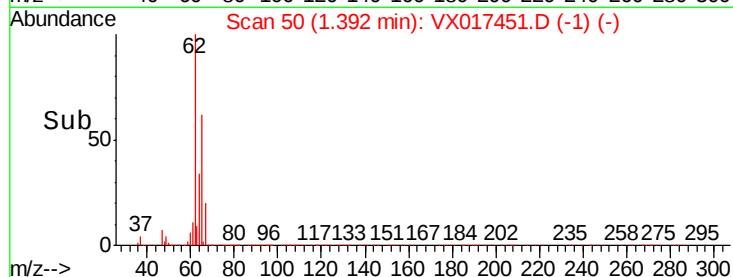
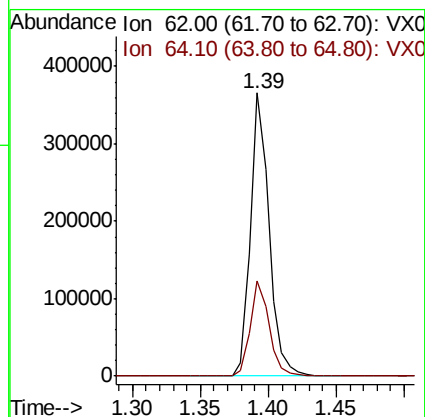
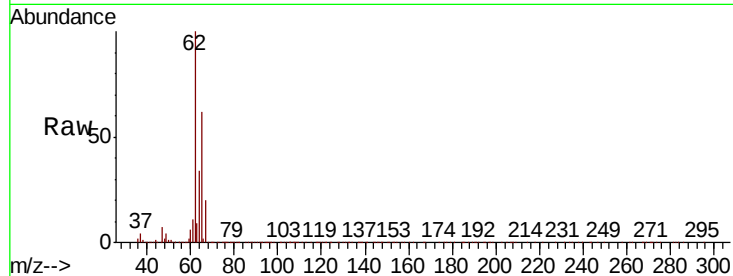
VSTD01064

Tot Ion: 62 Resp: 351402

Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.2



#6

Bromomethane

Concen: 11.811 ug/L

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017451.D

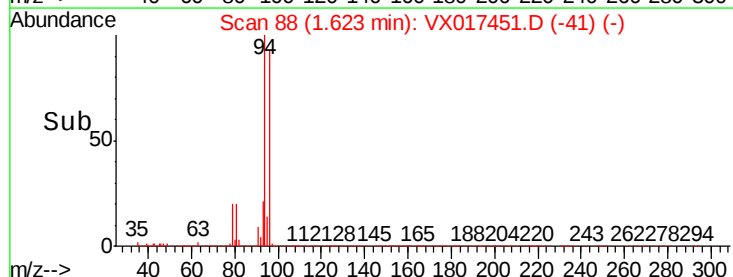
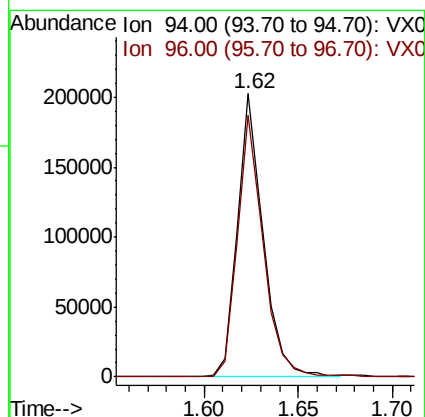
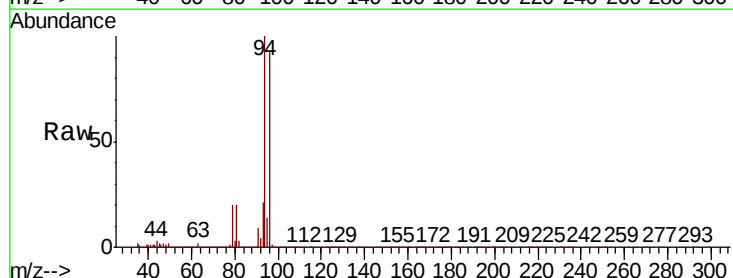
Acq: 21 Jul 2020 12:27

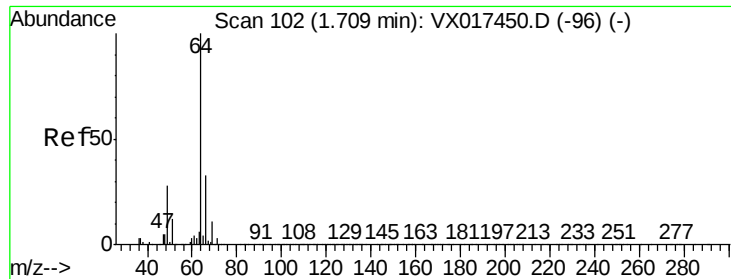
Tgt Ion: 94 Resp: 191331

Ion Ratio Lower Upper

94 100

96 92.6 64.8 120.4

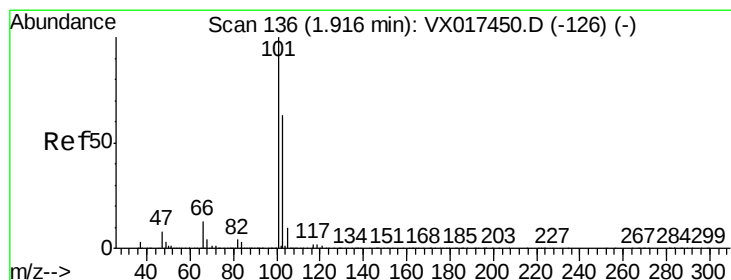
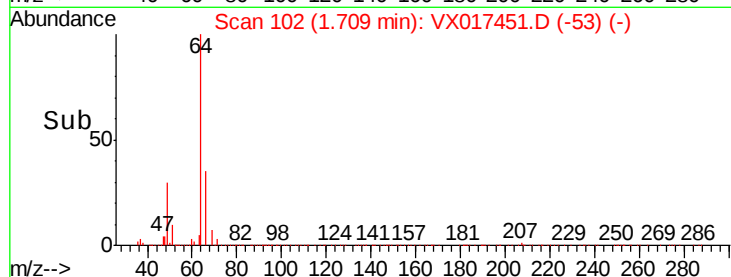
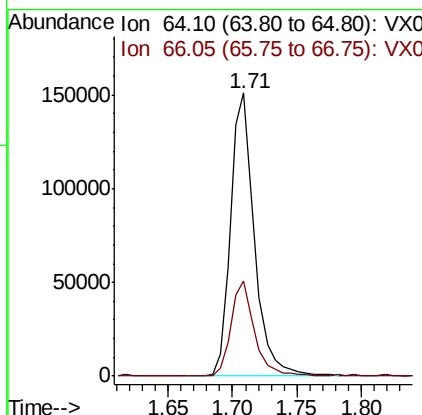
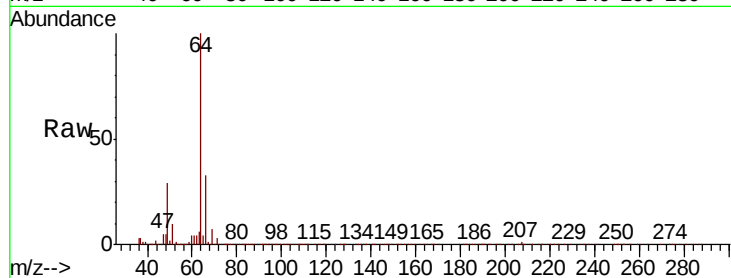




#8
Chloroethane
Concen: 9.693 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

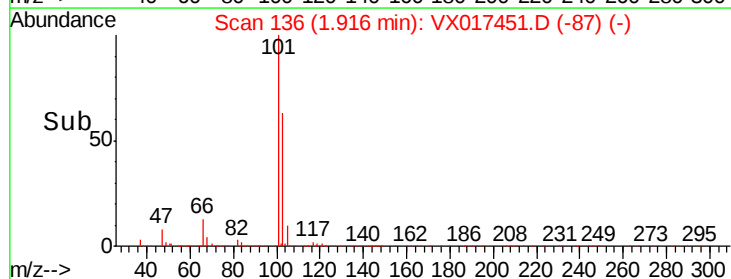
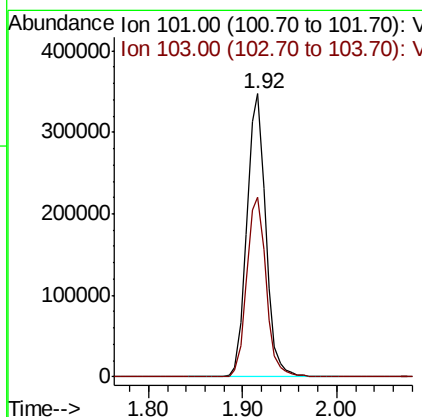
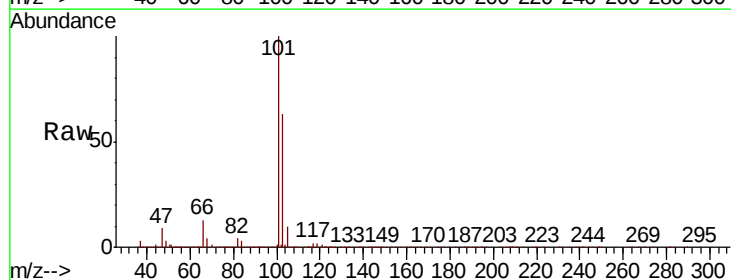
Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

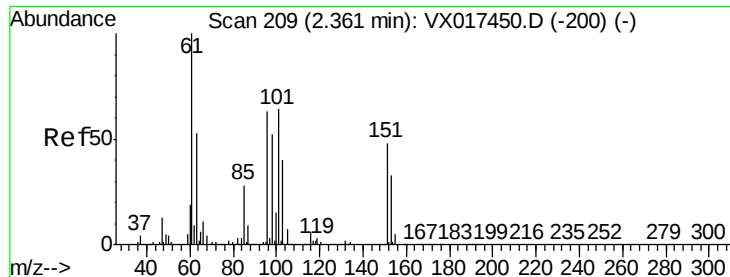
Tot Ion: 64 Resp: 195016
Ion Ratio Lower Upper
64 100
66 33.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 11.883 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 101 Resp: 487399
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2





#10

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

Concen: 11.502 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

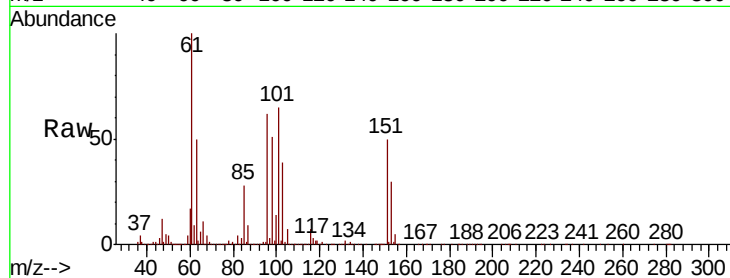
Tot Ion:101 Resp: 265385

Ion Ratio Lower Upper

101 100

85 42.2 35.3 52.9

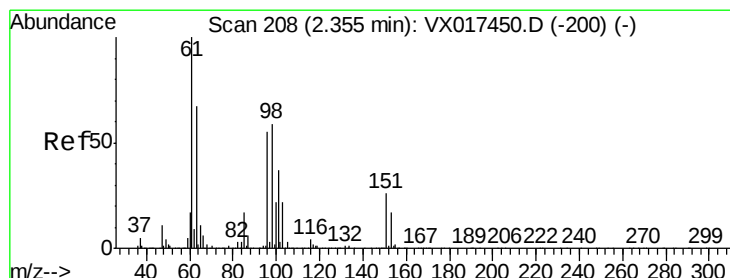
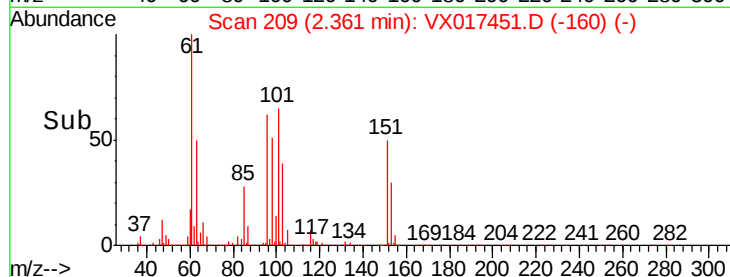
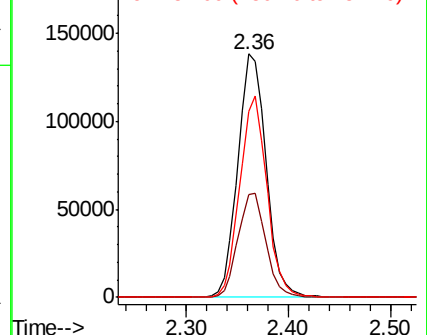
151 79.5 62.3 93.5



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: 12.236 ug/L

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

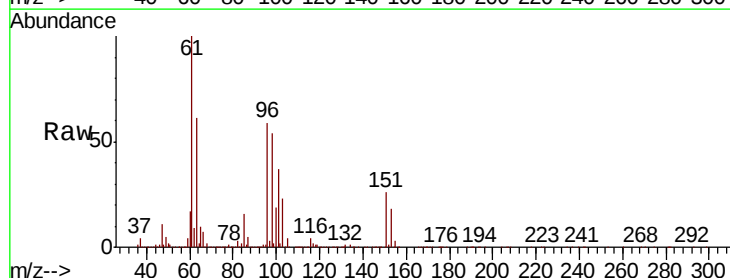
Tgt Ion: 96 Resp: 265188

Ion Ratio Lower Upper

96 100

61 168.8 126.5 234.9

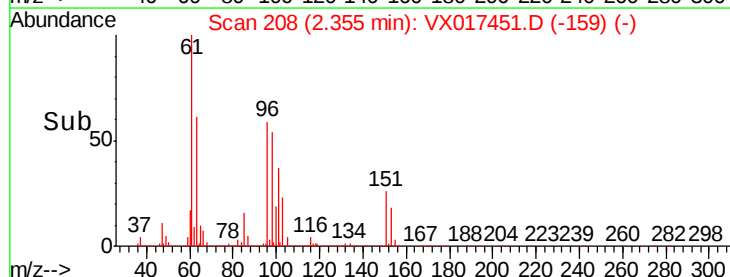
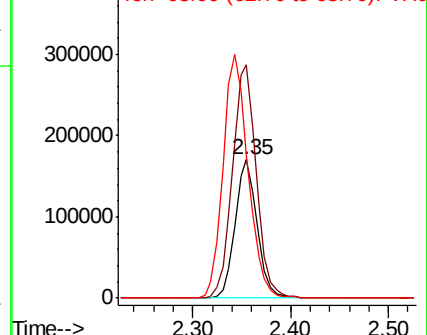
63 103.8 85.6 159.0

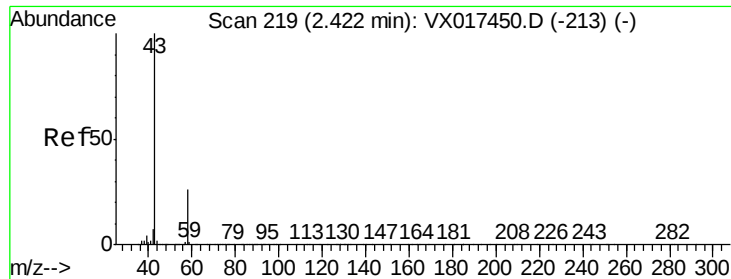


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0

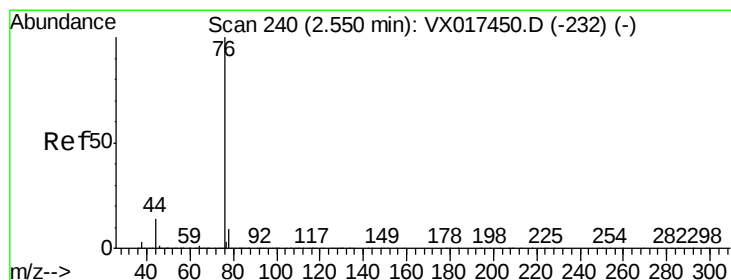
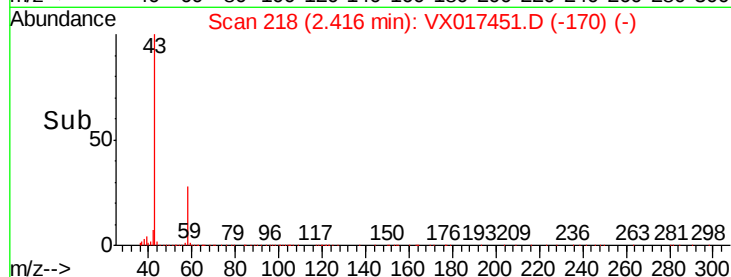
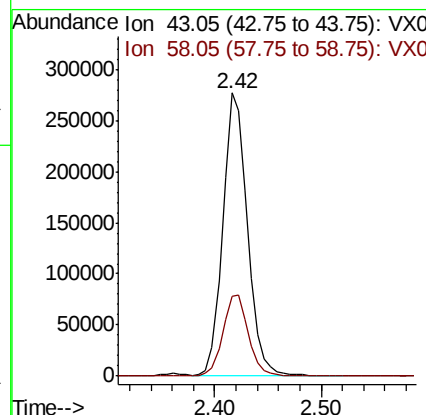
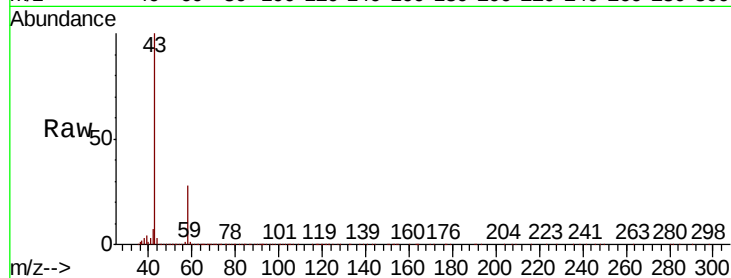




#13
Acetone
Concen: 111.829 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

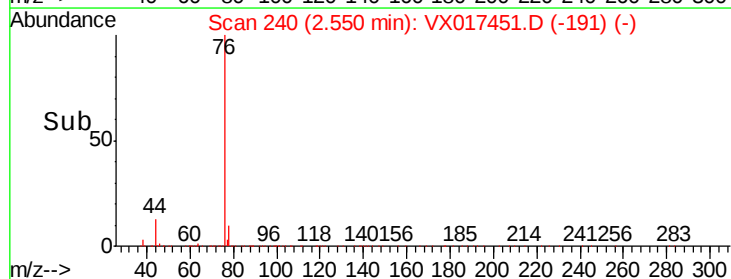
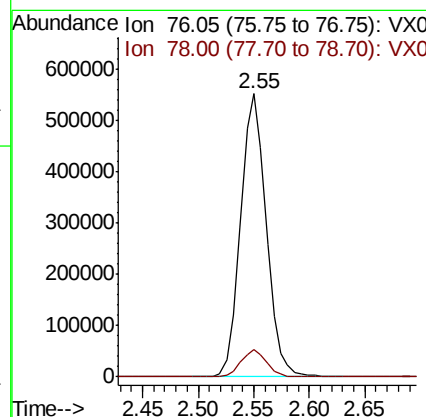
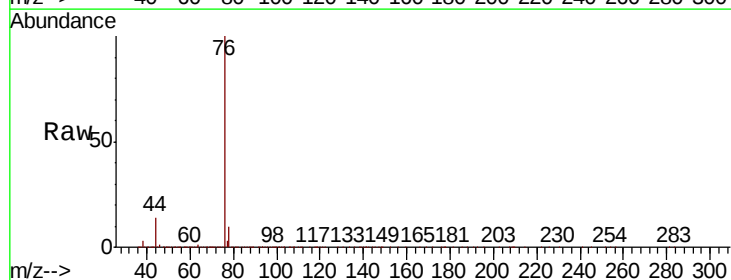
Instrument :
MSVOA_X
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VSTD01064

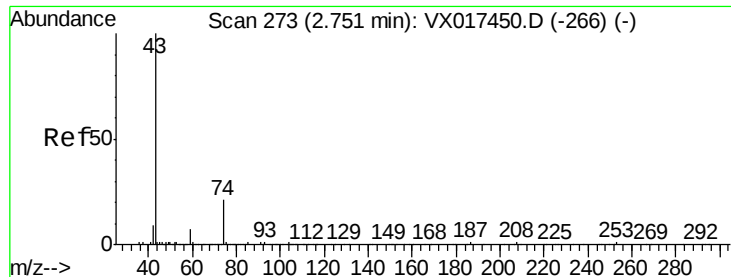
Tot Ion: 43 Resp: 442090
Ion Ratio Lower Upper
43 100
58 29.7 0.0 58.6



#14
Carbon disulfide
Concen: 12.191 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 76 Resp: 880328
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

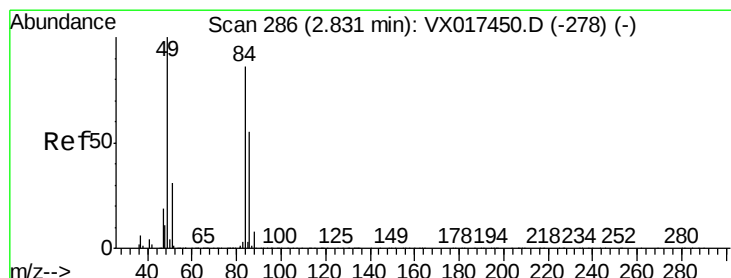
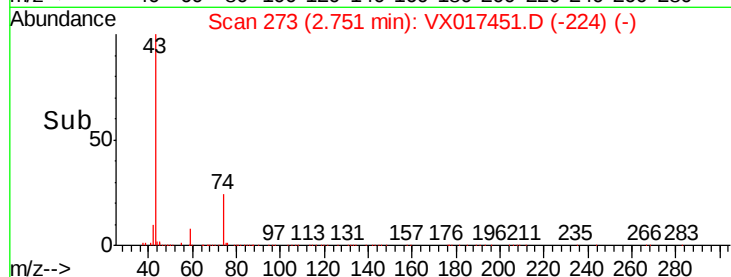
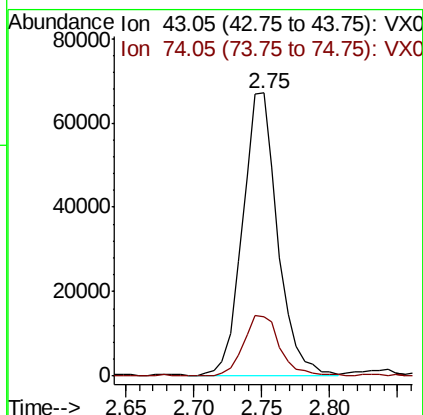
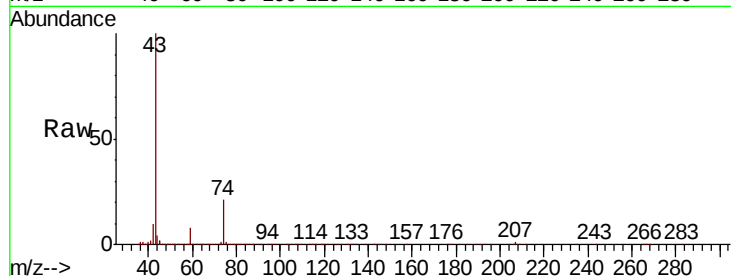




#15
Methyl Acetate
Concen: 12.933 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

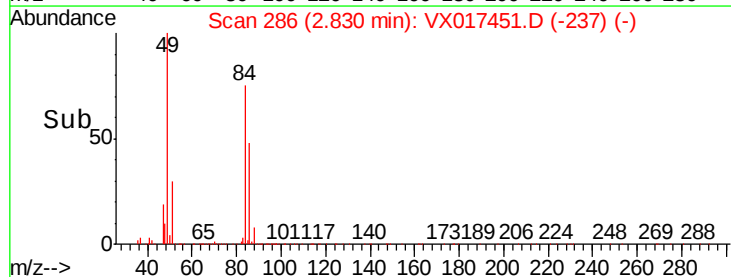
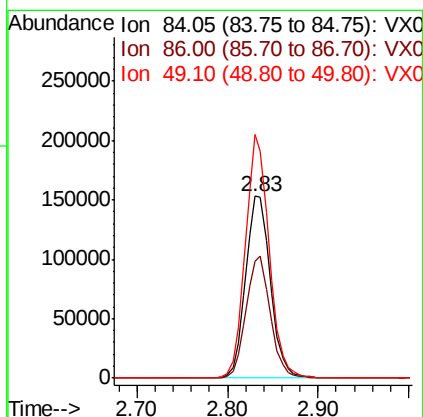
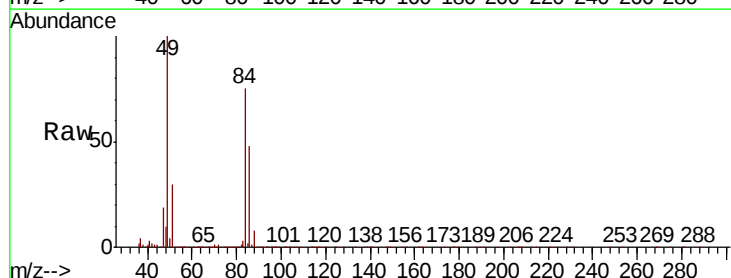
Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

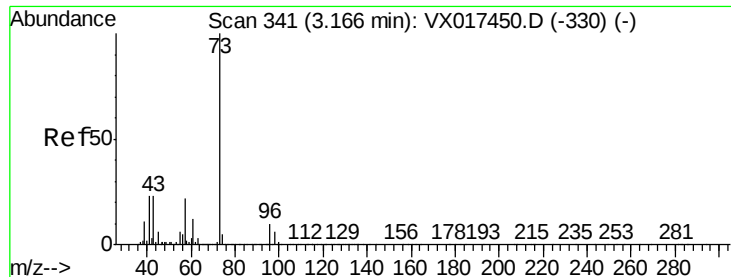
Tot Ion: 43 Resp: 121436
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4



#16
Methylene chloride
Concen: 11.312 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 84 Resp: 291198
Ion Ratio Lower Upper
84 100
86 64.6 44.8 83.2
49 133.9 81.0 150.4

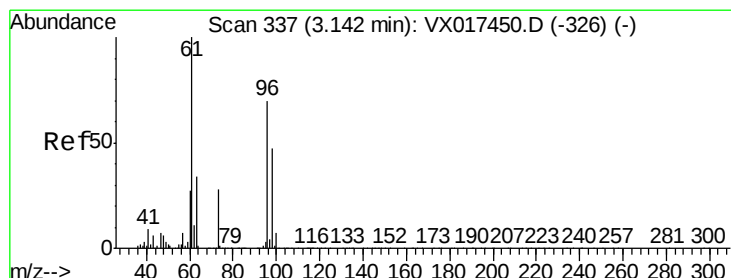
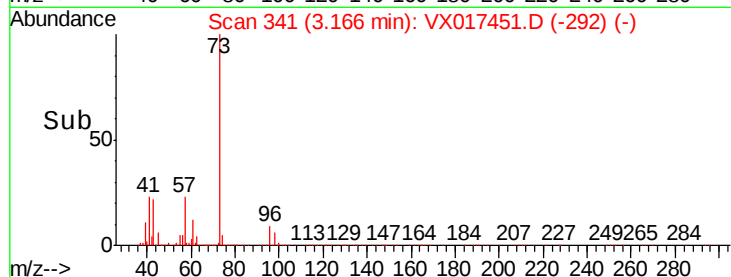
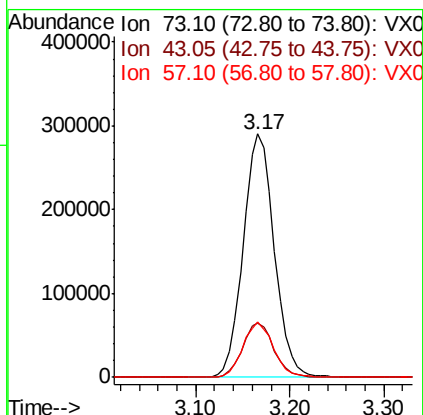
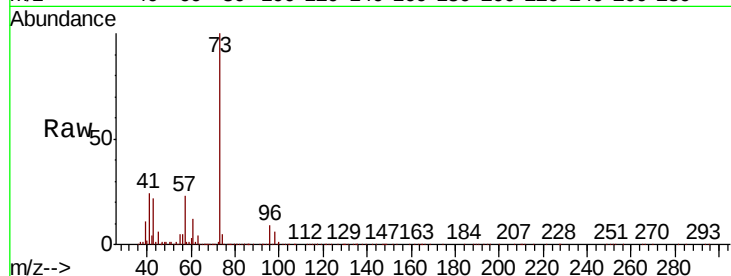




#17
Methvl tert-butvl Ether
Concen: 12.077 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

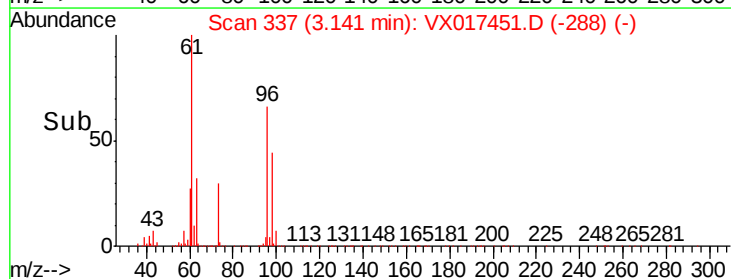
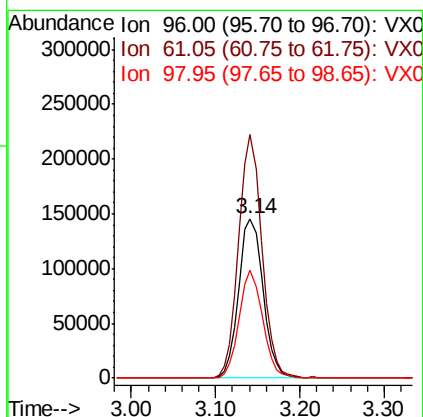
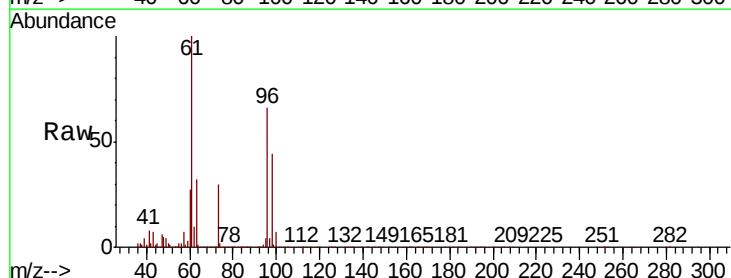
Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

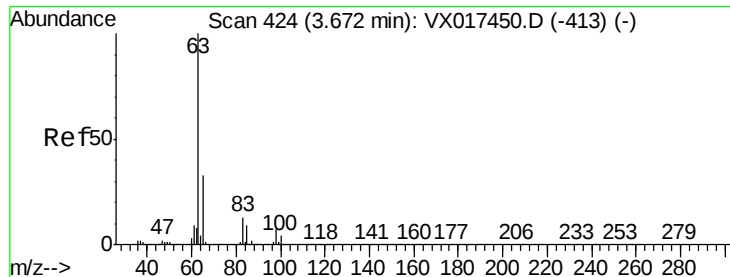
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.8	17.8	26.6
57	22.5	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 12.079 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	99.8	185.4
98	67.7	46.4	86.2

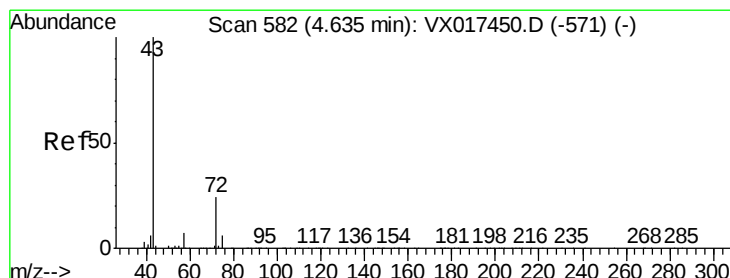
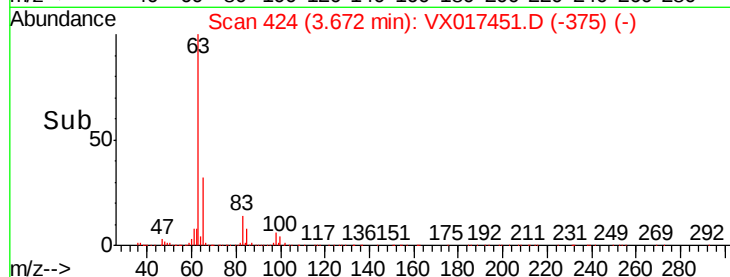
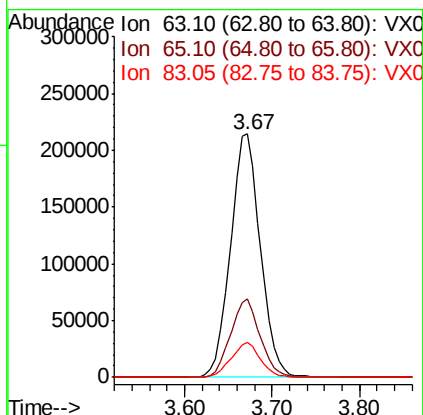
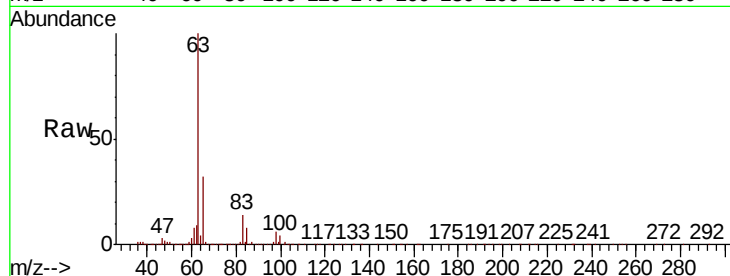




#19
 1,1-Dichloroethane
 Concen: 11.351 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

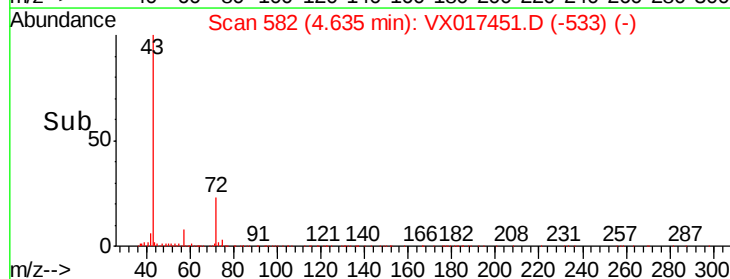
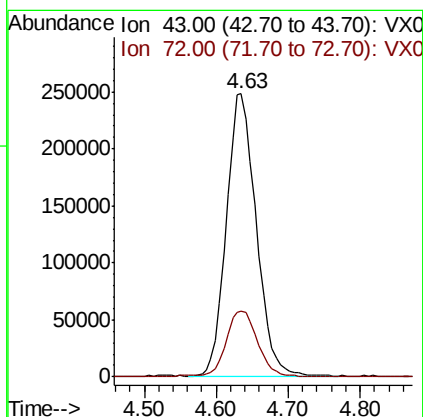
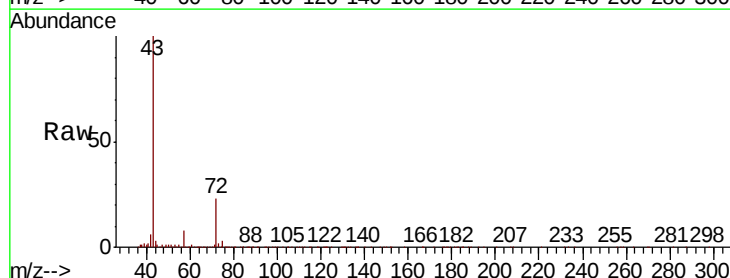
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTD01064

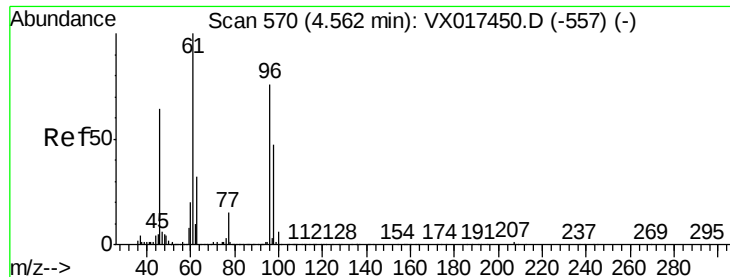
Tot Ion:	63	Resp:	507298
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.2	43.2
83	14.2	9.4	17.4



#21
 2-Butanone
 Concen: 115.214 ug/L
 RT: 4.63 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Tgt Ion:	43	Resp:	710691
Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.1	36.3



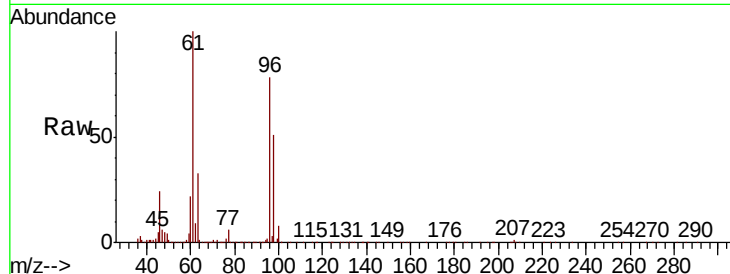


#22

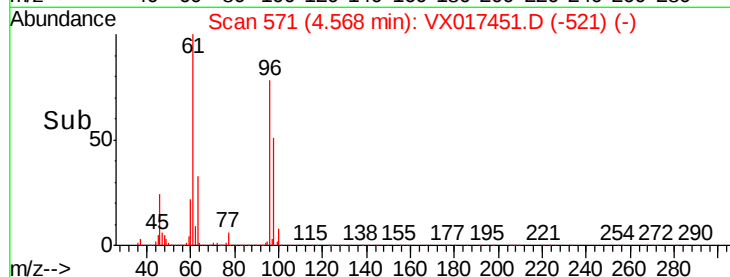
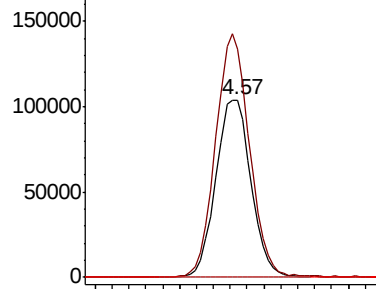
cis-1,2-Dichloroethene
Concen: 11.824 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

Tot Ion: 96 Resp: 294927
Ion Ratio Lower Upper
96 100
61 128.5 91.6 170.2
68 0.1 0.0 0.0#



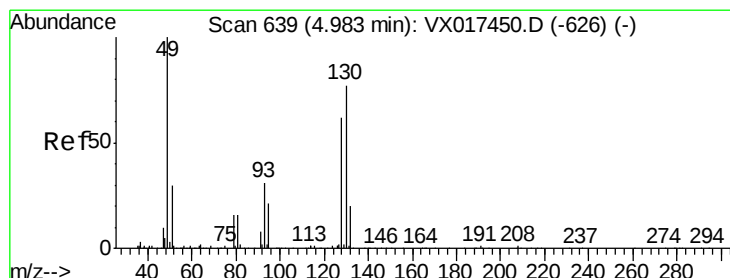
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0



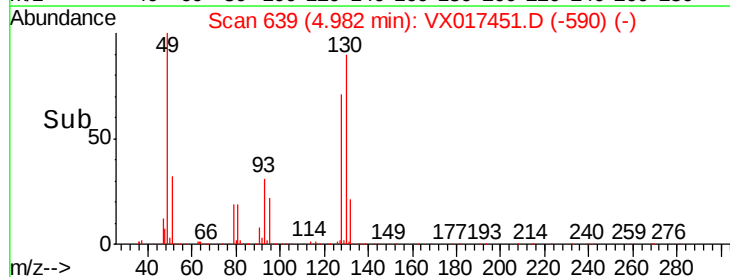
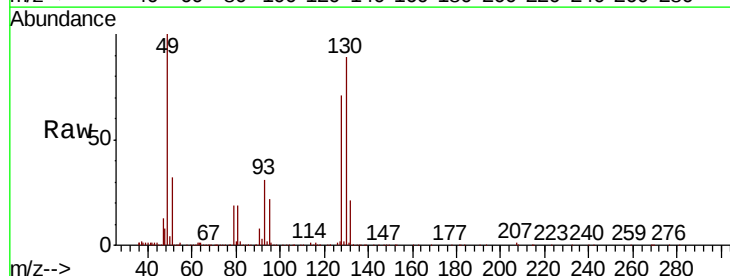
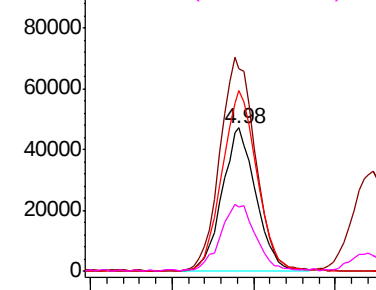
#23

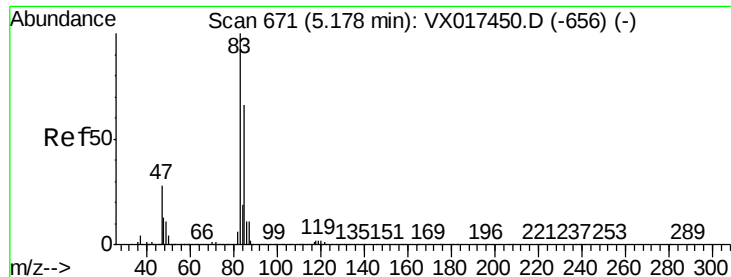
Bromochloromethane
Concen: 12.654 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 128 Resp: 136184
Ion Ratio Lower Upper
128 100
49 141.6 113.3 210.3
130 126.7 87.3 162.1
51 44.9 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: 10.927 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

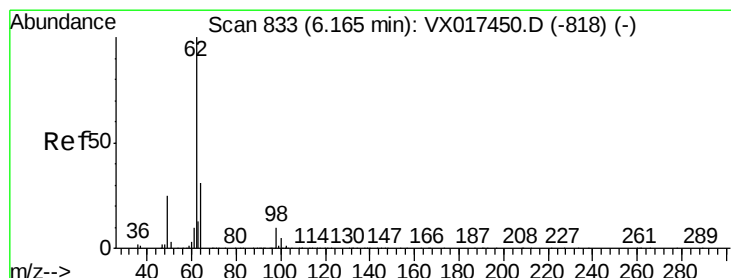
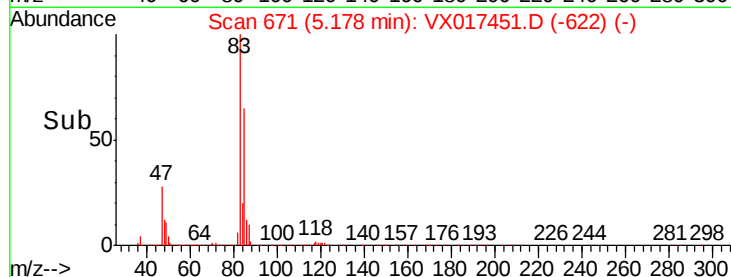
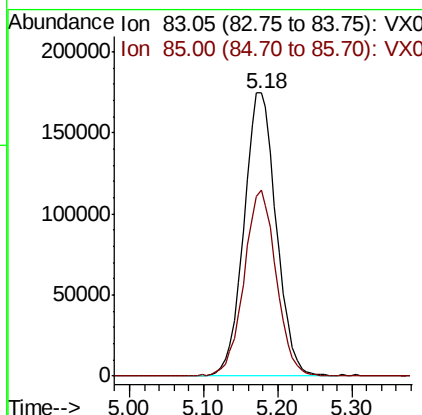
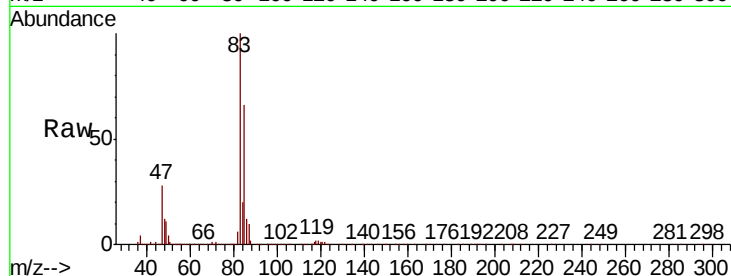
VSTD01064

Tot Ion: 83 Resp: 531812

Ion Ratio Lower Upper

83 100

85 65.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 10.991 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017451.D

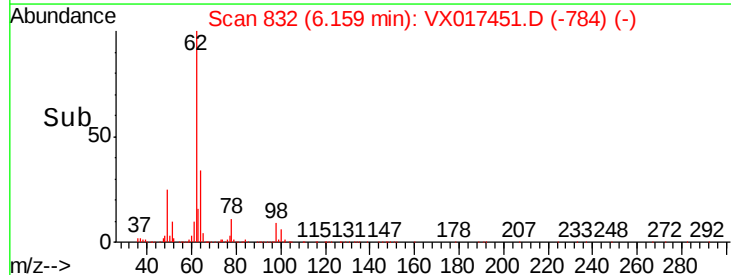
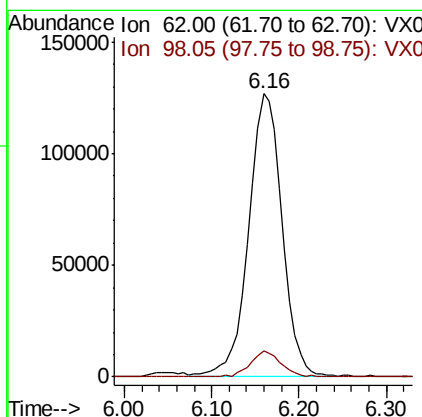
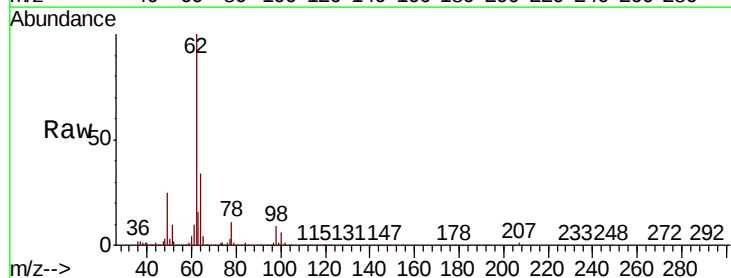
Acq: 21 Jul 2020 12:27

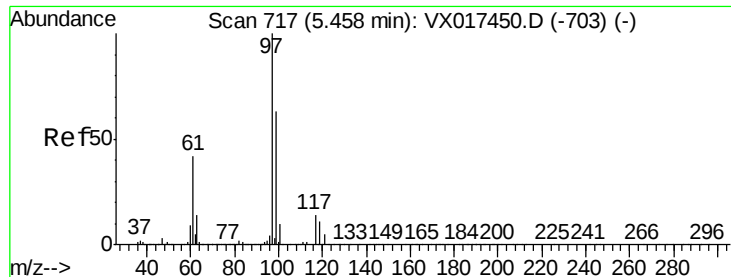
Tgt Ion: 62 Resp: 336569

Ion Ratio Lower Upper

62 100

98 9.1 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 12.200 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

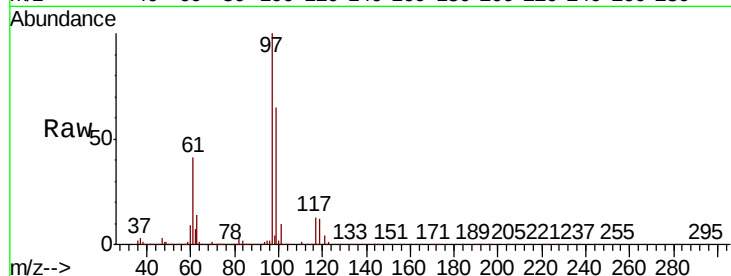
Tot Ion: 97 Resp: 474835

Ion Ratio Lower Upper

97 100

99 64.3 53.0 79.4

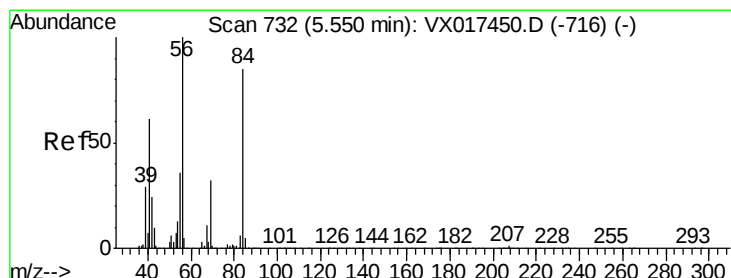
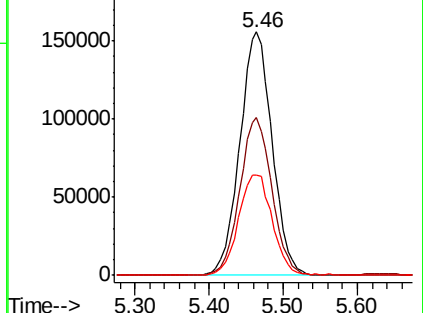
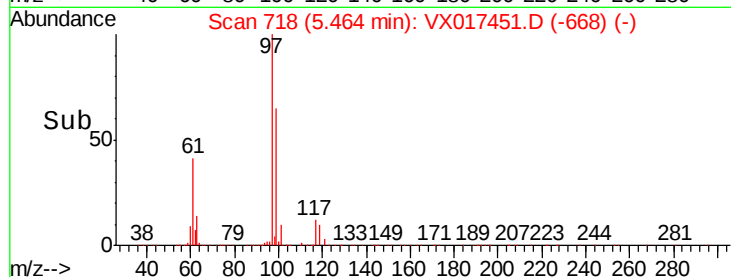
61 42.9 35.2 52.8



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 9.899 ug/L

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

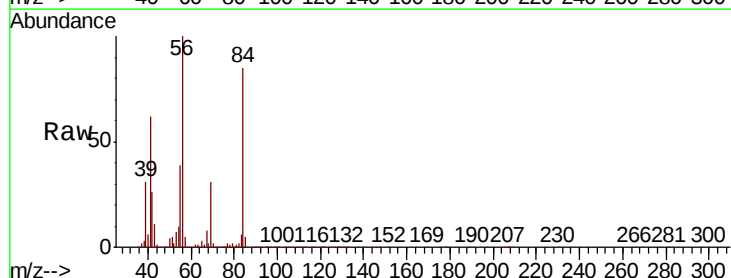
Tgt Ion: 56 Resp: 375676

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

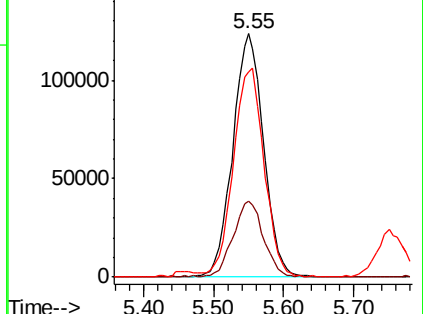
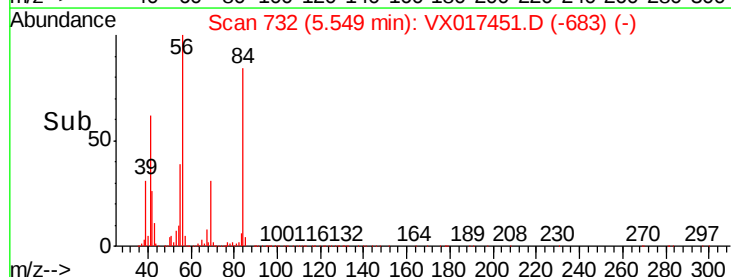
84 85.7 69.3 103.9

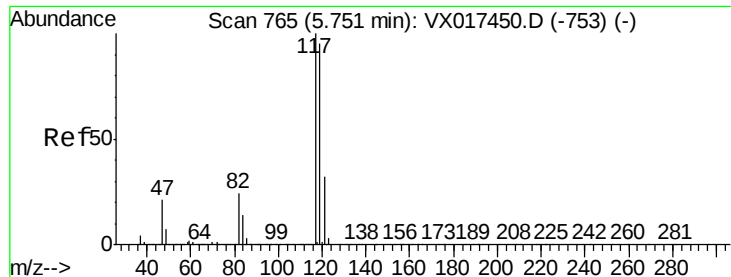


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0

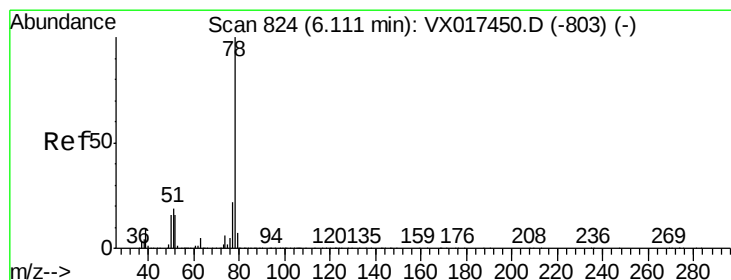
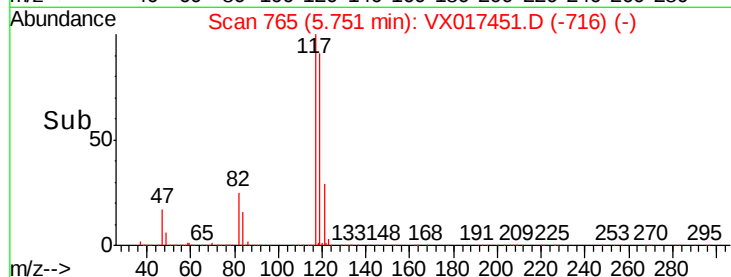
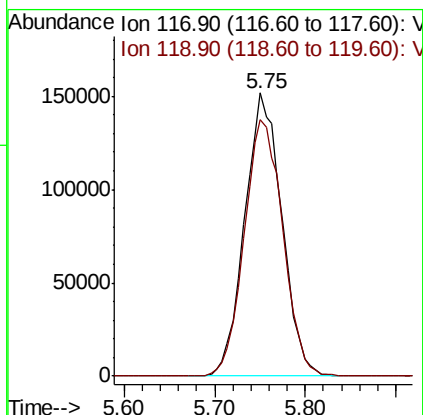
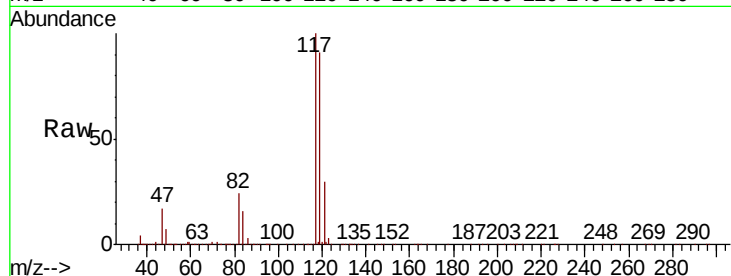




#31
Carbon tetrachloride
Concen: 12.602 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

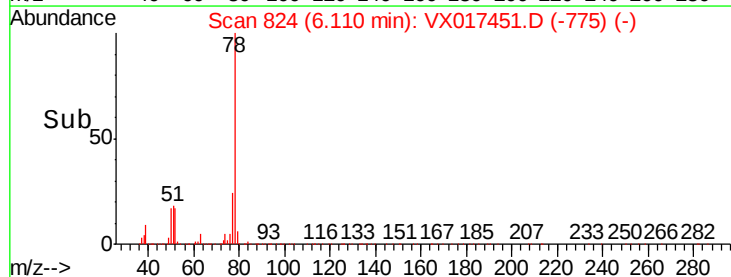
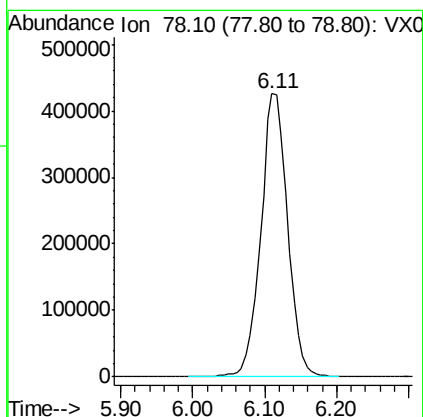
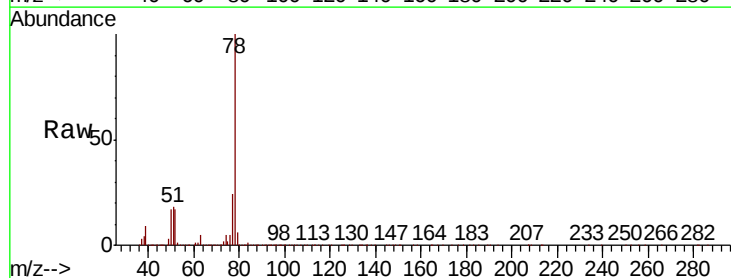
Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

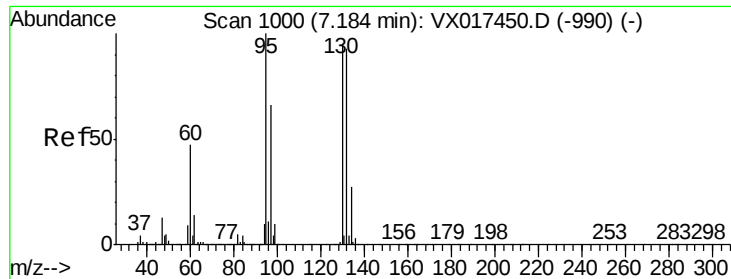
Tot Ion:117 Resp: 428828
Ion Ratio Lower Upper
117 100
119 94.0 78.5 117.7



#33
Benzene
Concen: 12.499 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 78 Resp: 1101489

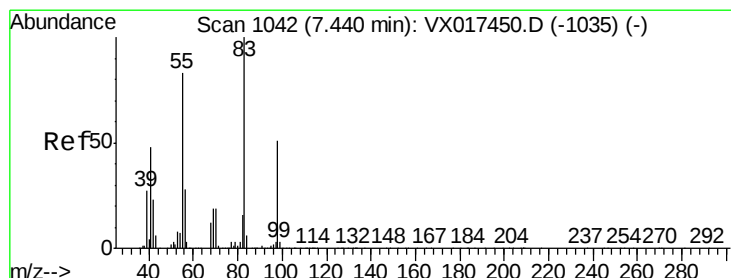
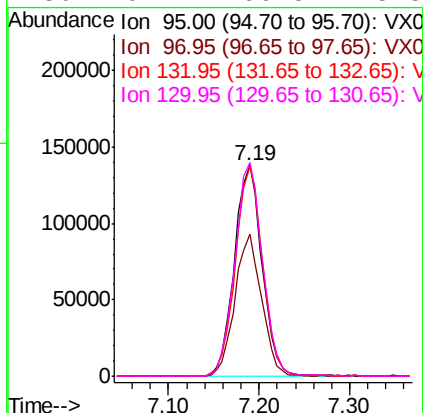
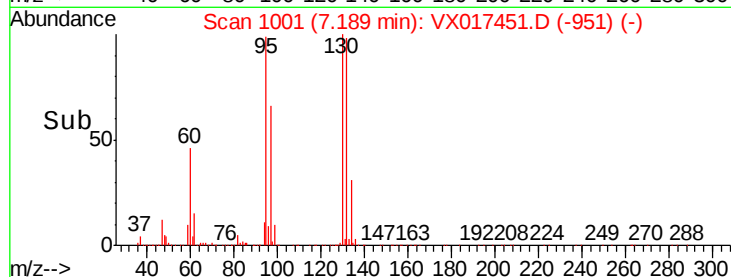
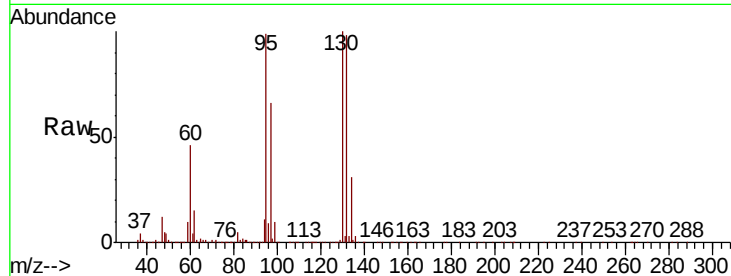




#34
 Trichloroethene
 Concen: 11.808 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

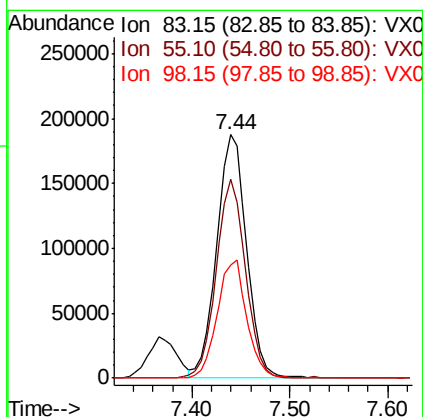
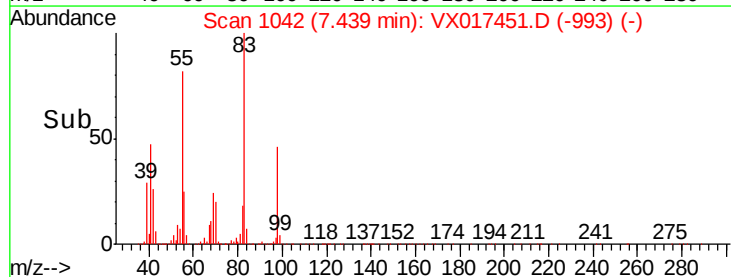
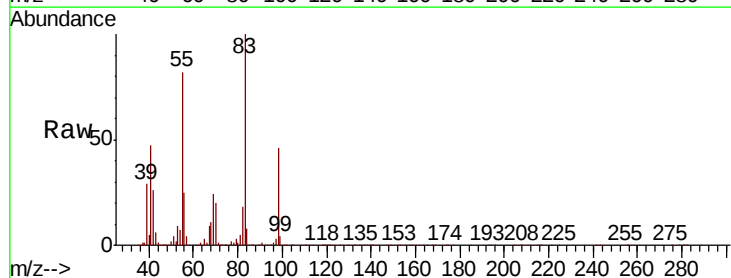
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

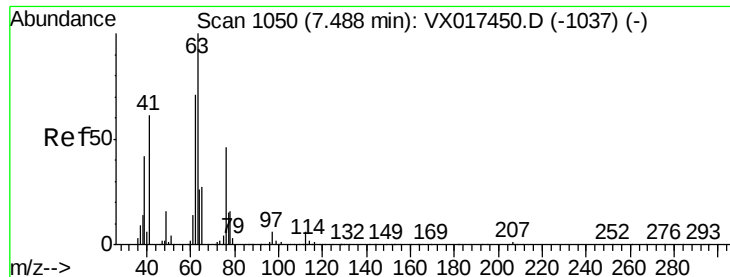
Tot Ion:	95	Resp:	291151
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.9	85.3
132	99.8	65.5	121.7
130	101.4	66.5	123.5



#35
 Methylcyclohexane
 Concen: 10.714 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Tgt Ion:	83	Resp:	395831
Ion	Ratio	Lower	Upper
83	100		
55	80.1	65.4	98.2
98	48.1	39.8	59.8

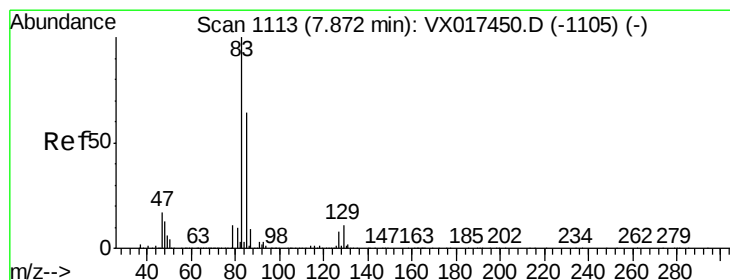
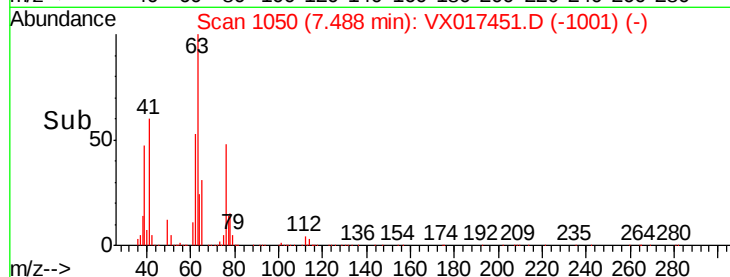
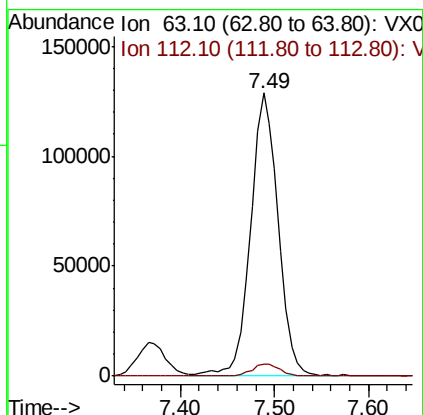
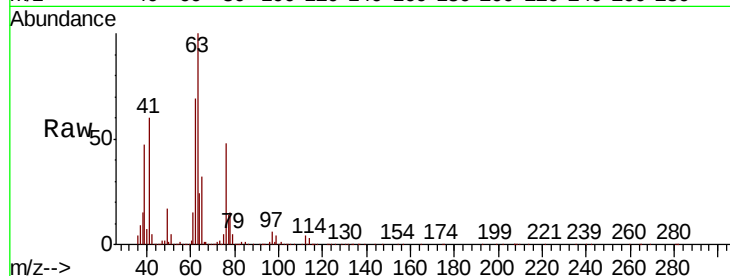




#37
 1,2-Dichloropropane
 Concen: 11.569 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

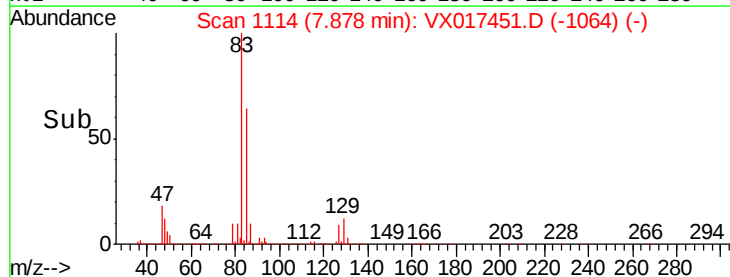
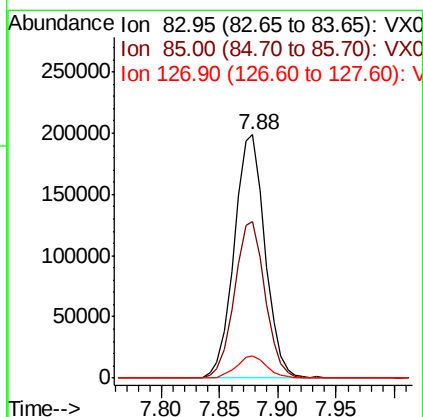
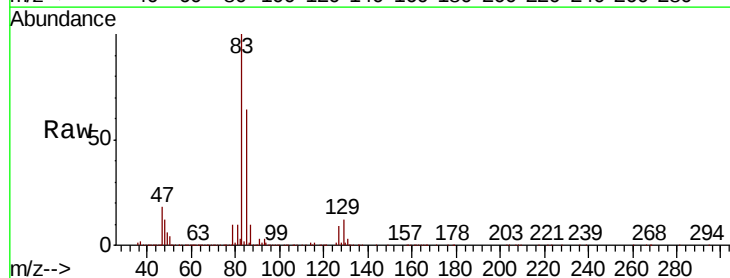
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

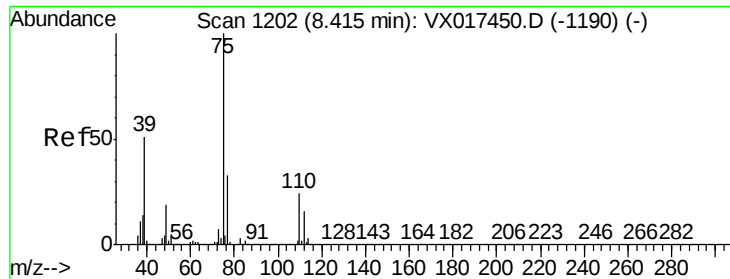
Tot Ion: 63 Resp: 263108
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.8 5.8



#38
 Bromodichloromethane
 Concen: 12.967 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Tgt Ion: 83 Resp: 367127
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.7 83.1
 127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 12.898 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

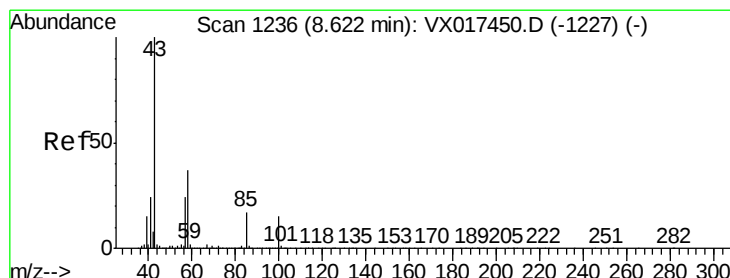
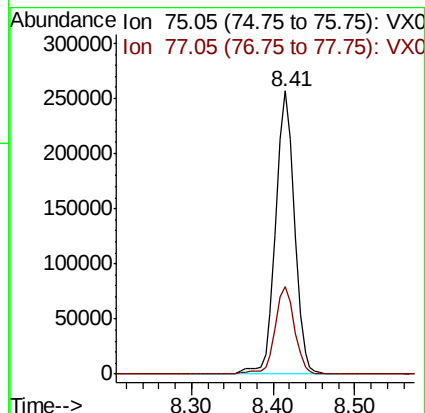
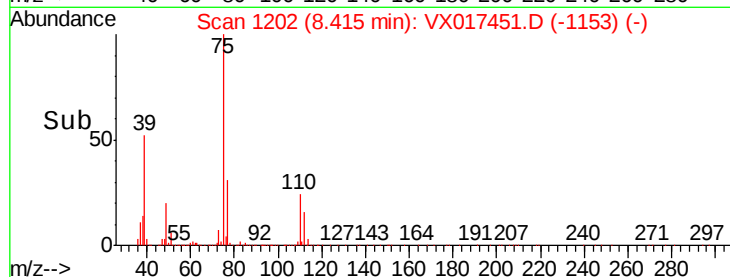
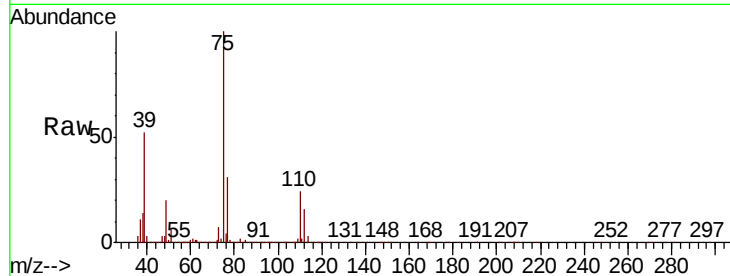
VSTD01064

Tot Ion: 75 Resp: 407491

Ion Ratio Lower Upper

75 100

77 31.0 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 113.781 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

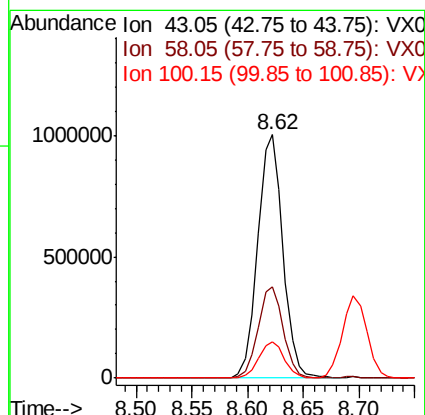
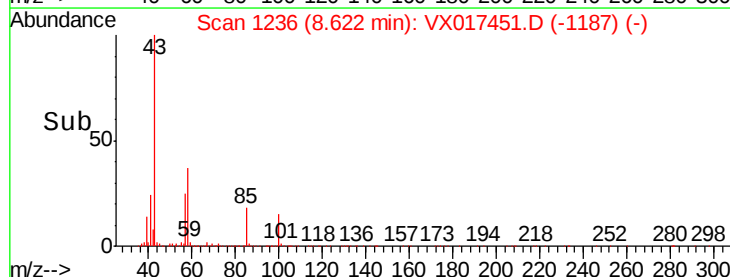
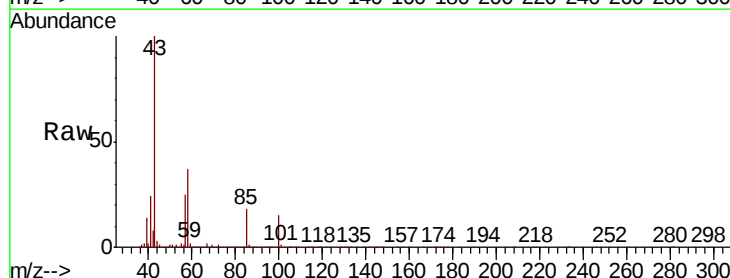
Tgt Ion: 43 Resp: 1580728

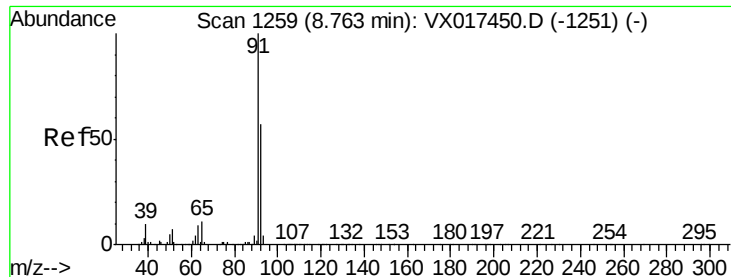
Ion Ratio Lower Upper

43 100

58 37.6 30.1 45.1

100 15.0 6.5 9.7#





#42

Toluene

Concen: 12.126 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

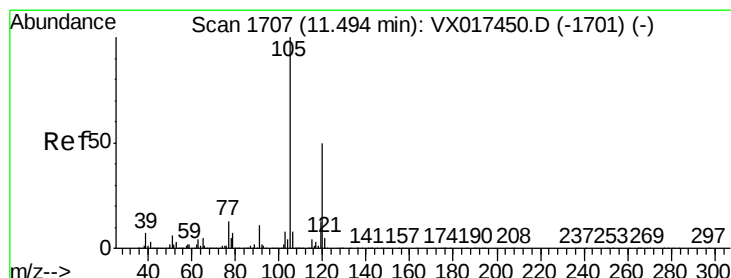
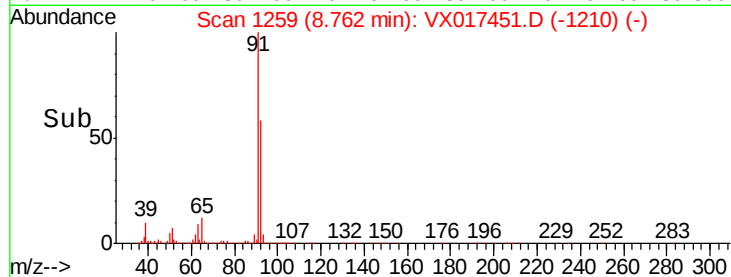
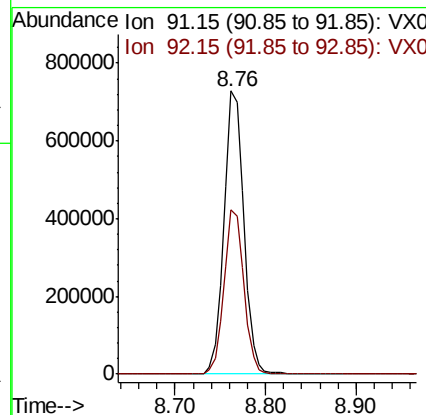
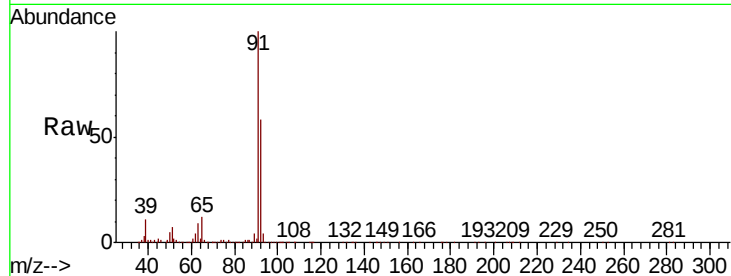
VSTD01064

Tot Ion: 91 Resp: 1116725

Ion Ratio Lower Upper

91 100

92 58.0 39.9 74.1



#43

1,3,5-Trimethylbenzene

Concen: 14.458 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017451.D

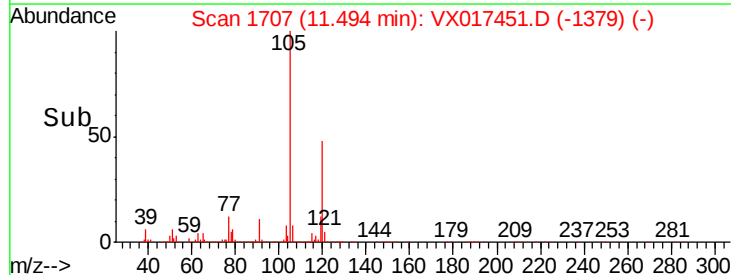
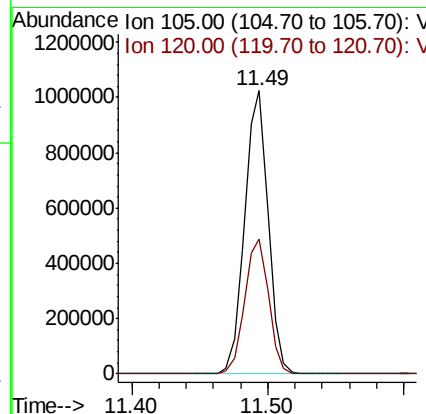
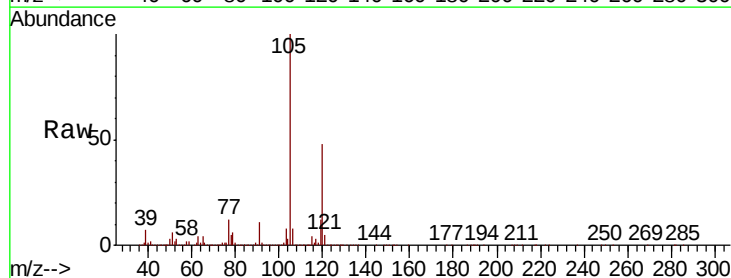
Acq: 21 Jul 2020 12:27

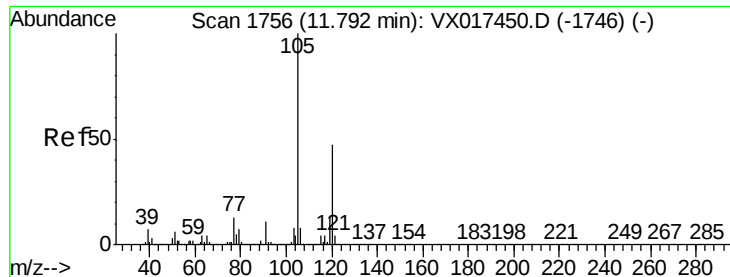
Tgt Ion:105 Resp: 1223122

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.2





#44

1,2,4-Trimethylbenzene

Concen: 14.770 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

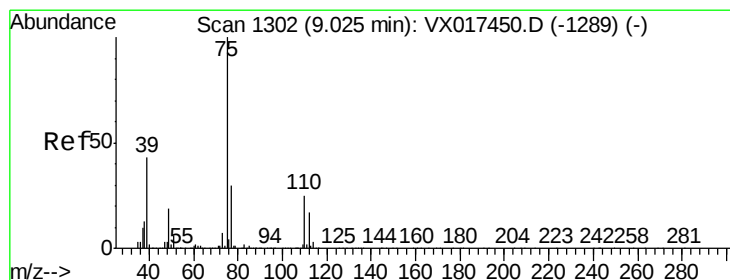
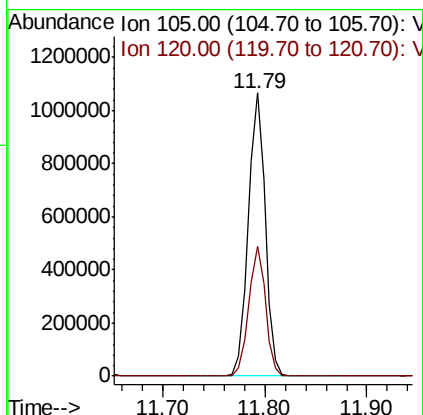
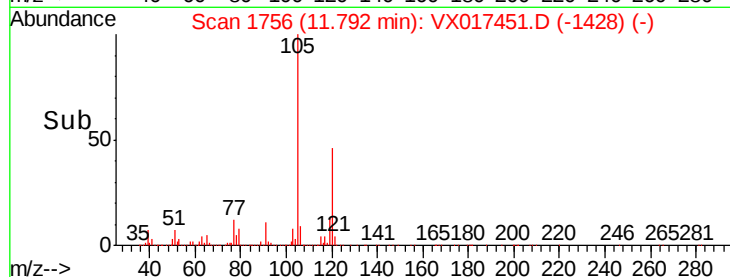
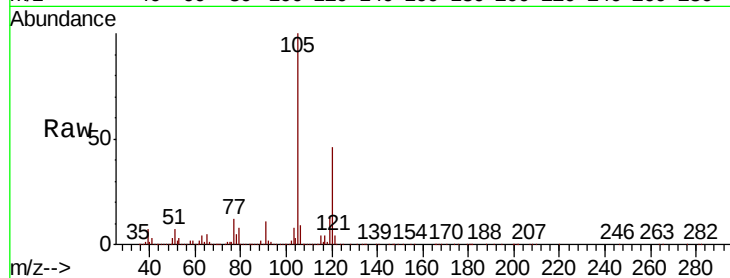
VSTD01064

Tot Ion:105 Resp: 1233913

Ion Ratio Lower Upper

105 100

120 45.5 36.5 54.7



#46

trans-1,3-Dichloropropene

Concen: 13.298 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017451.D

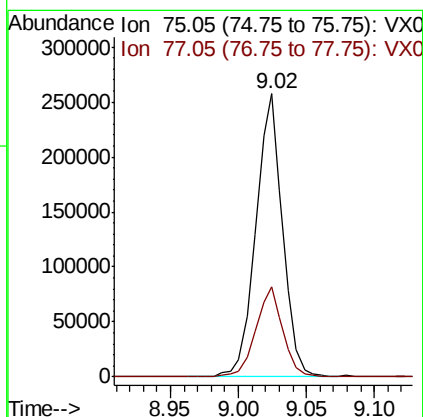
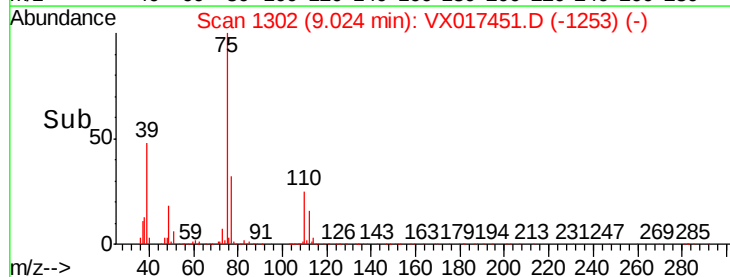
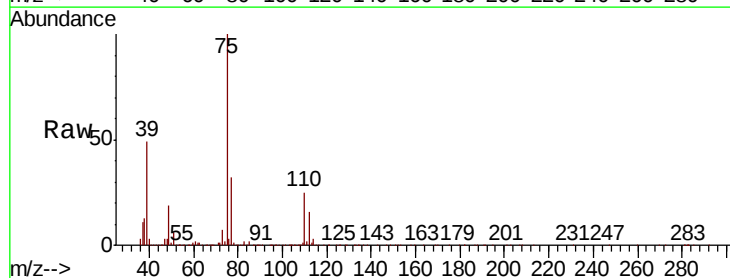
Acq: 21 Jul 2020 12:27

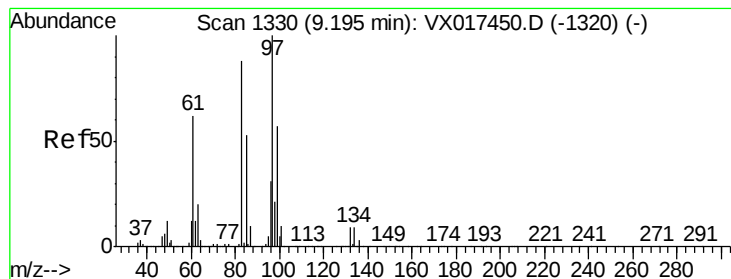
Tgt Ion: 75 Resp: 355903

Ion Ratio Lower Upper

75 100

77 31.7 21.4 39.8





#47

1,1,2-Trichloroethane

Concen: 12.914 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

Tot Ion: 97 Resp: 193338

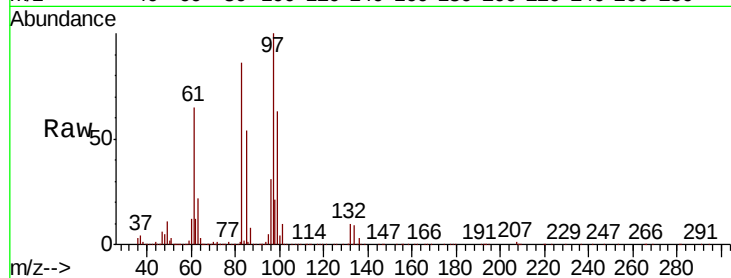
Ion Ratio Lower Upper

97 100

99 62.6 40.2 74.6

83 85.9 61.6 114.4

85 54.4 37.5 69.6

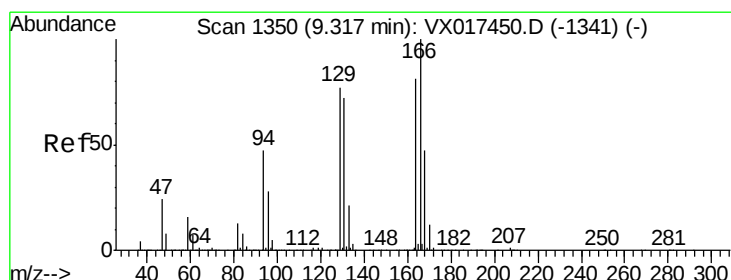
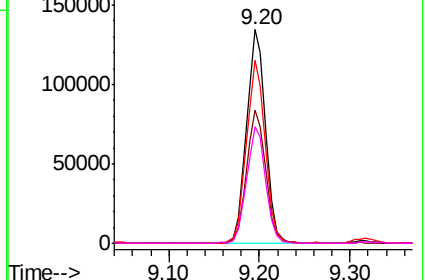
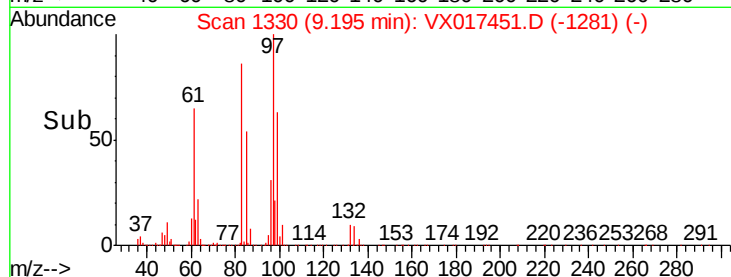


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 13.309 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Tgt Ion:164 Resp: 236341

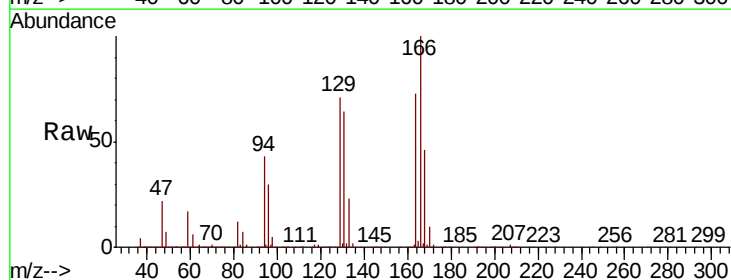
Ion Ratio Lower Upper

164 100

129 97.2 66.6 123.8

131 88.3 62.6 116.2

166 137.3 86.9 161.5

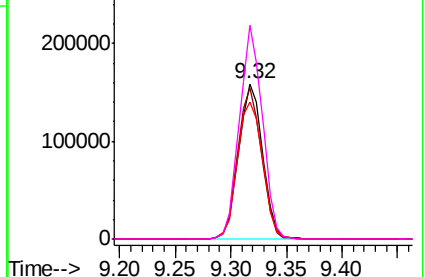
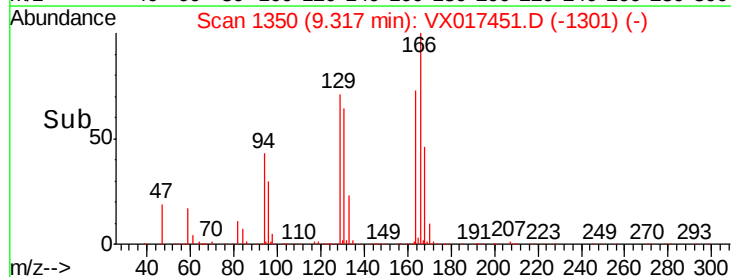


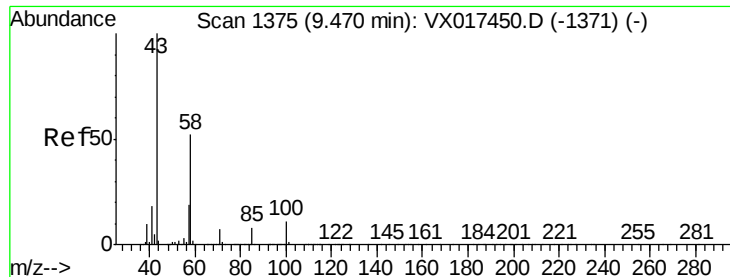
Abundance Ion 163.90 (163.60 to 164.60): V

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



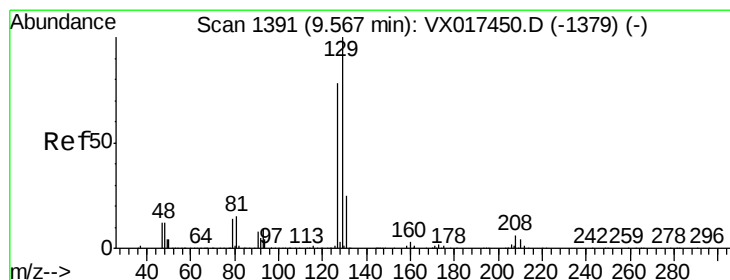
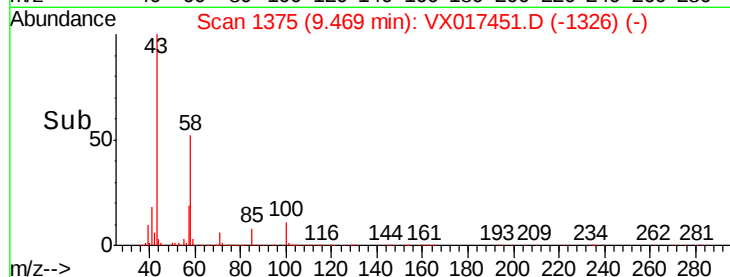
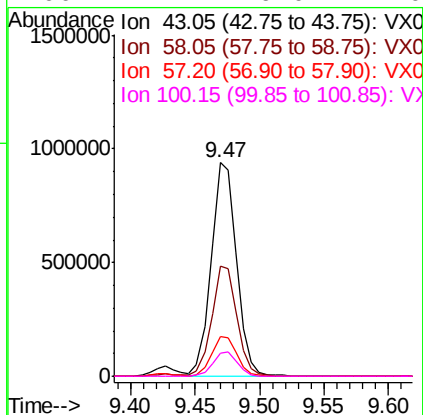
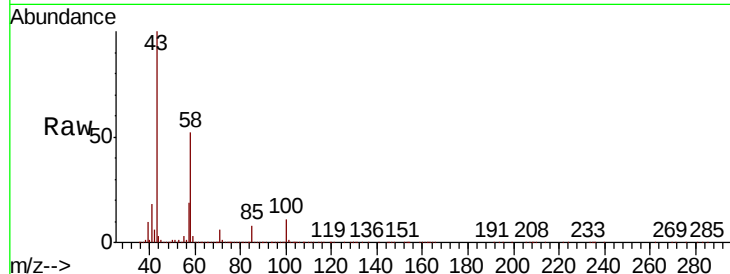


#50
2-Hexanone
Concen: 132.613 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD01064

Tot Ion: 43 Resp: 1297014

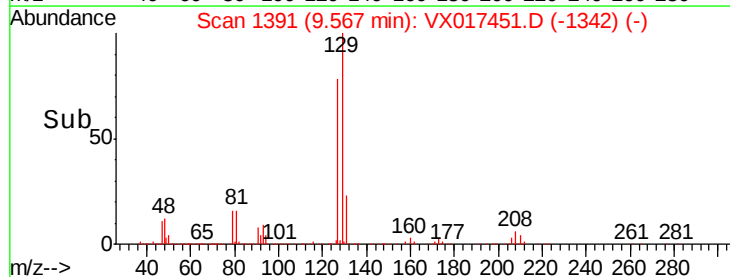
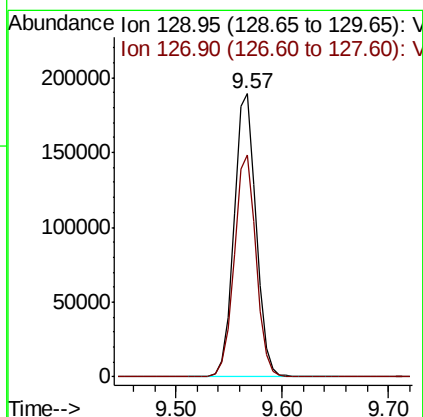
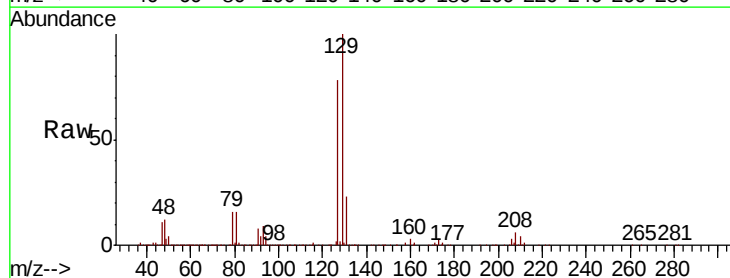
Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.4	62.0
57	18.6	26.9	40.3#
100	11.1	16.0	24.0#

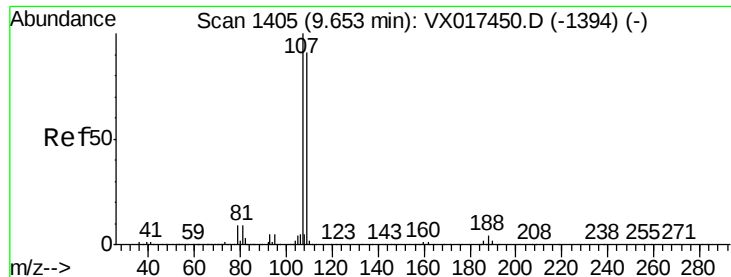


#51
Dibromochloromethane
Concen: 15.782 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017451.D
Acq: 21 Jul 2020 12:27

Tgt Ion: 129 Resp: 274392

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.7	101.5





#52

1,2-Dibromoethane

Concen: 13.940 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

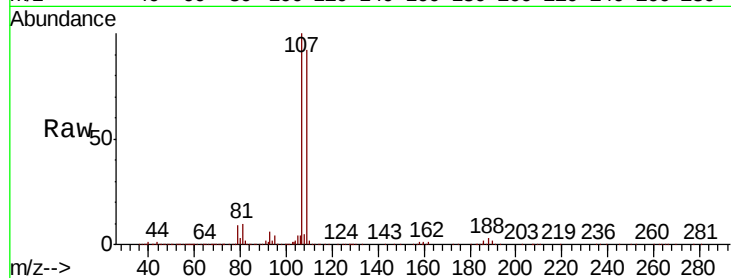
Tot Ion:107 Resp: 193002

Ion Ratio Lower Upper

107 100

109 92.4 63.9 118.7

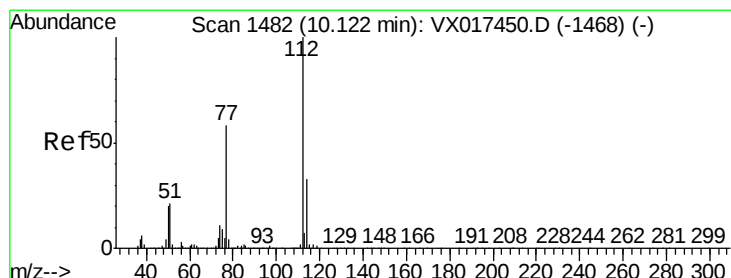
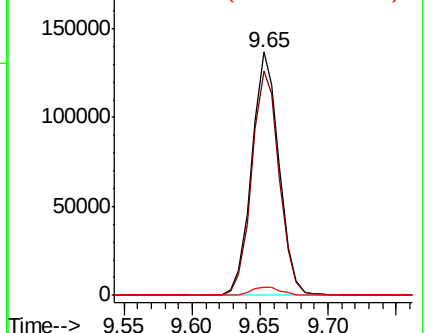
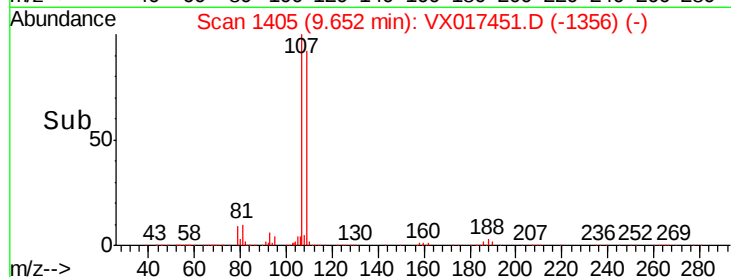
188 3.3 3.0 4.4



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: 12.293 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

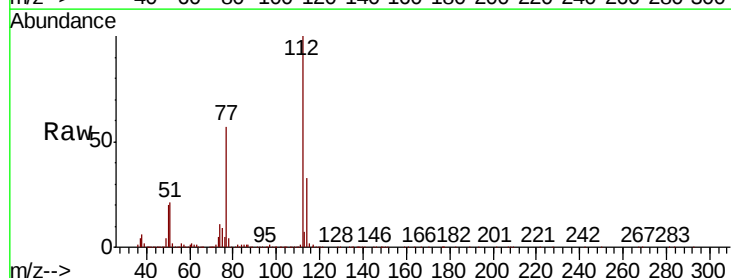
Tgt Ion:112 Resp: 737104

Ion Ratio Lower Upper

112 100

114 33.1 23.1 42.9

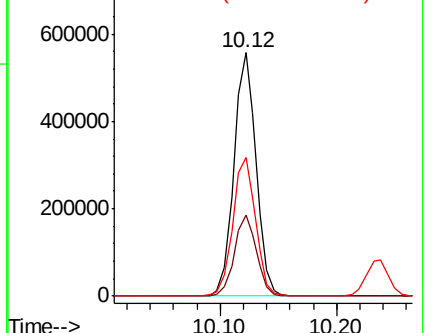
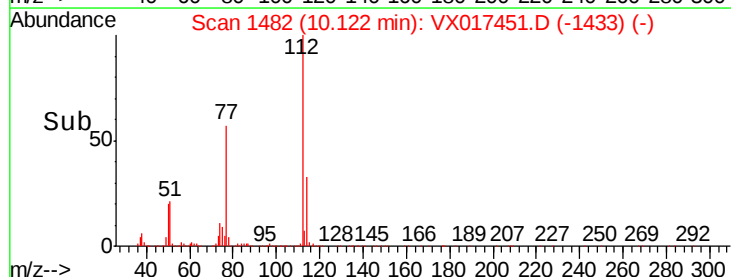
77 57.2 46.2 69.2

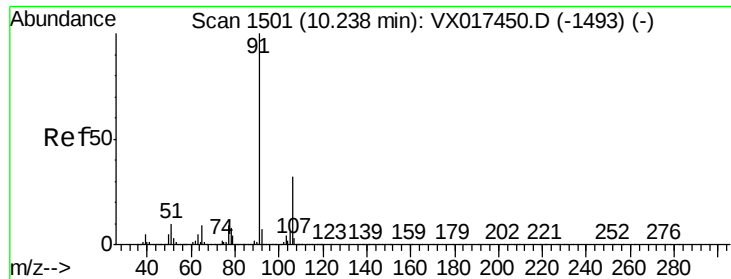


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 11.517 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

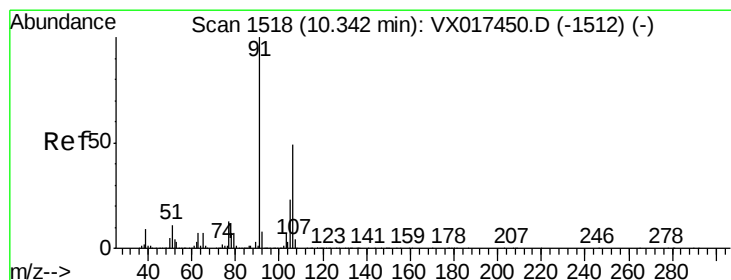
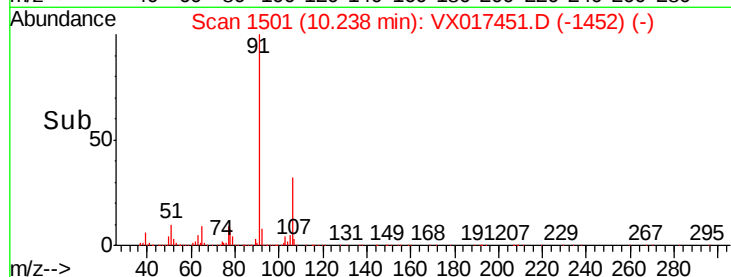
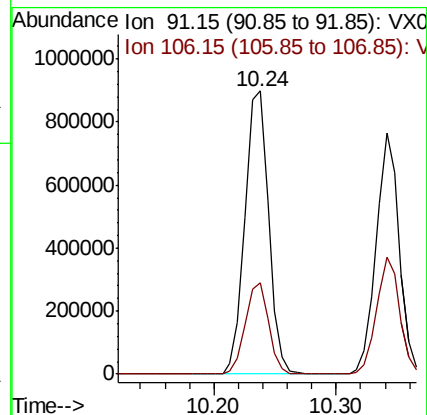
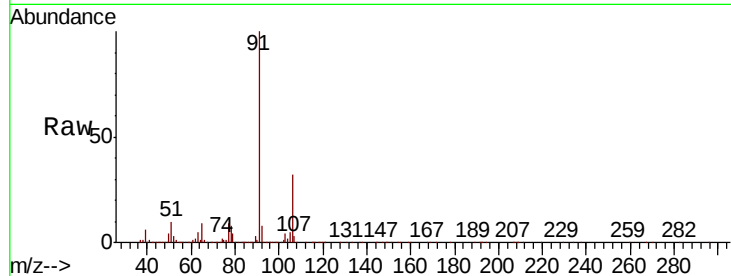
VSTD01064

Tot Ion: 91 Resp: 1203831

Ion Ratio Lower Upper

91 100

106 32.3 22.5 41.7



#55

m,p-xylene

Concen: 12.474 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017451.D

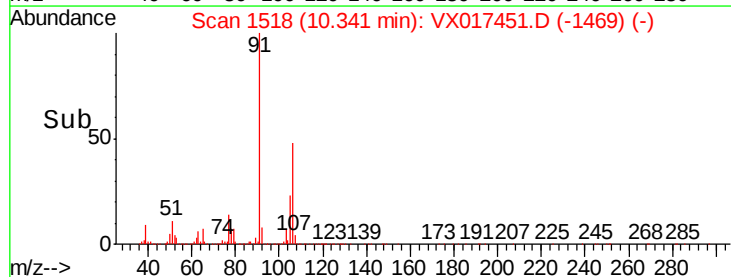
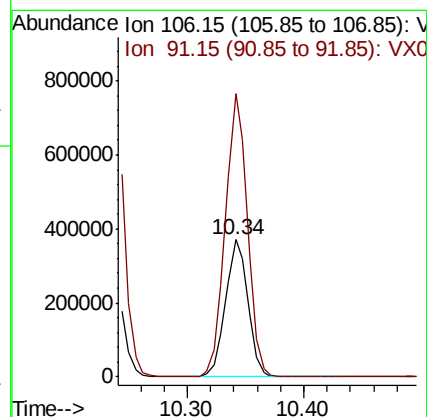
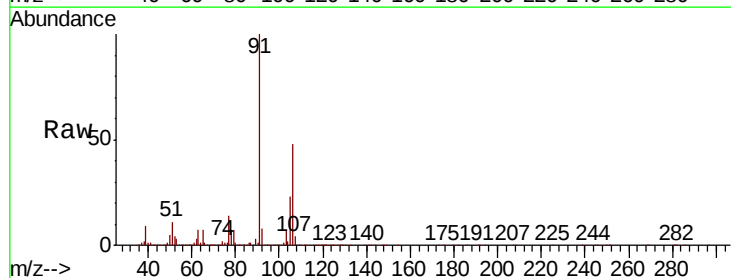
Acq: 21 Jul 2020 12:27

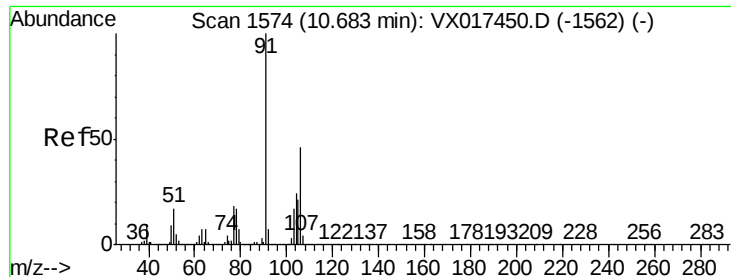
Tgt Ion: 106 Resp: 488920

Ion Ratio Lower Upper

106 100

91 206.5 142.7 264.9





#56

o-xylene

Concen: 13.251 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

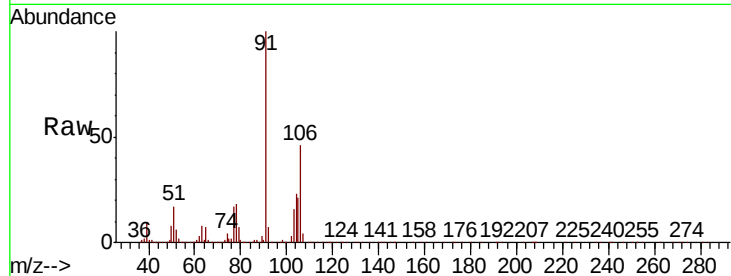
VSTD01064

Tot Ion:106 Resp: 495371

Ion Ratio Lower Upper

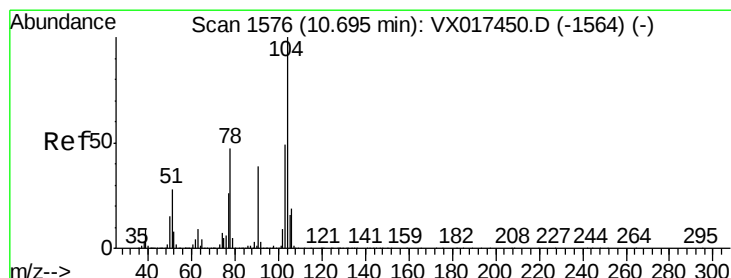
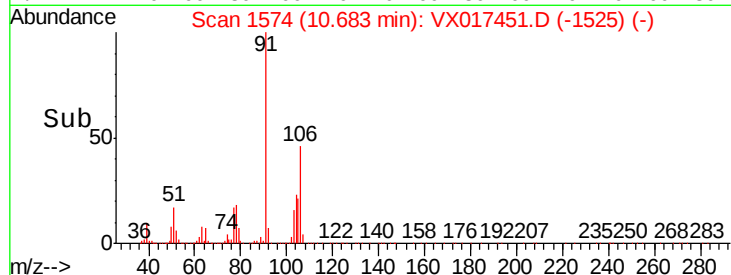
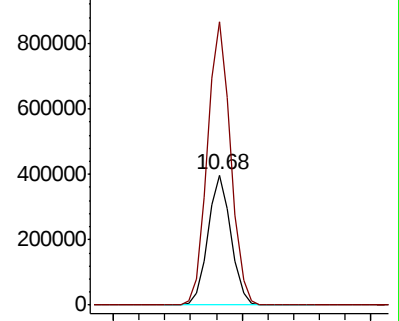
106 100

91 217.6 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 13.771 ug/L

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017451.D

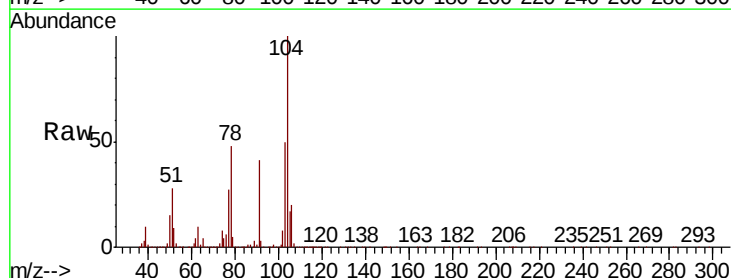
Acq: 21 Jul 2020 12:27

Tgt Ion:104 Resp: 863001

Ion Ratio Lower Upper

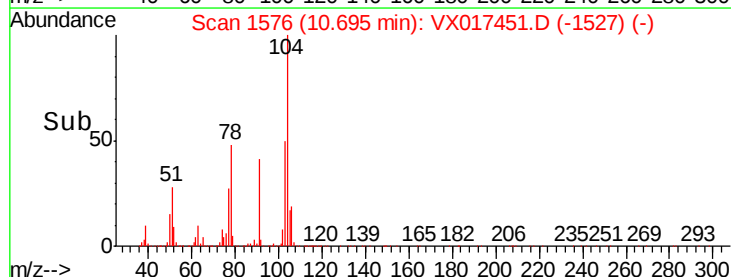
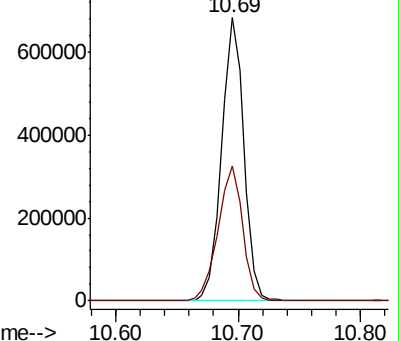
104 100

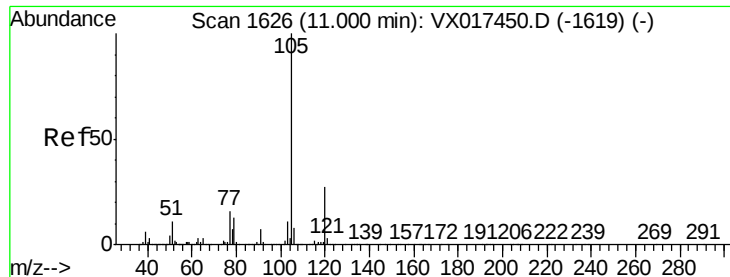
78 47.8 32.6 60.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 12.372 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

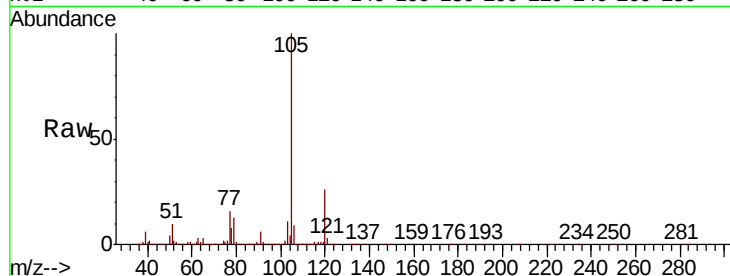
MSVOA_X

ClientSampleId :

VSTD01064

Tot Ion:105 Resp: 1259809

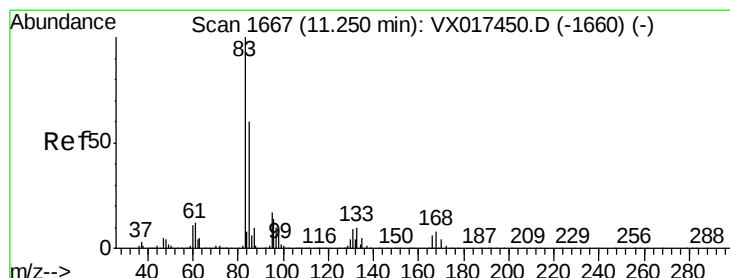
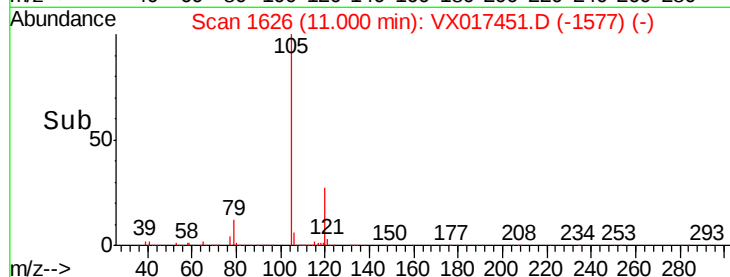
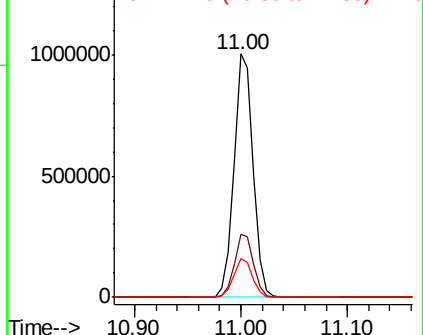
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.4	32.2
77	15.7	13.0	19.6



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: 13.168 ug/L

RT: 11.25 min Scan# 1667

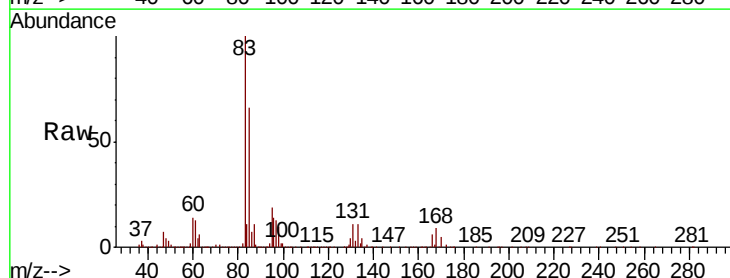
Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Tgt Ion: 83 Resp: 219890

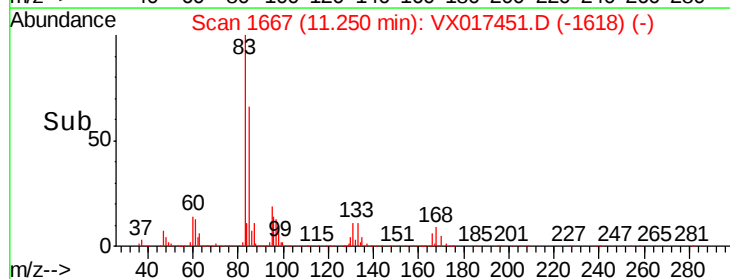
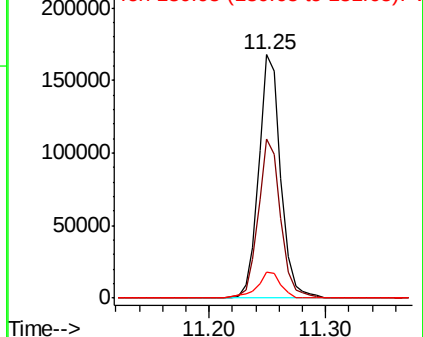
Ion	Ratio	Lower	Upper
83	100		
85	65.5	42.1	78.1
131	10.5	7.7	11.5

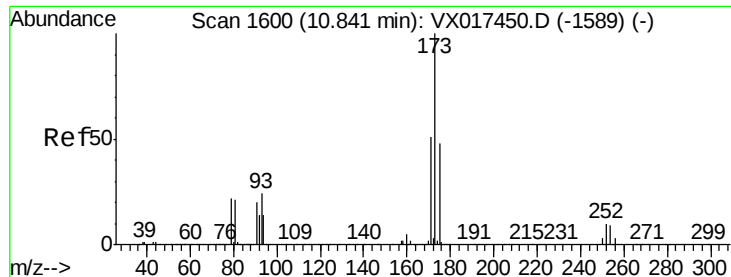


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 15.063 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

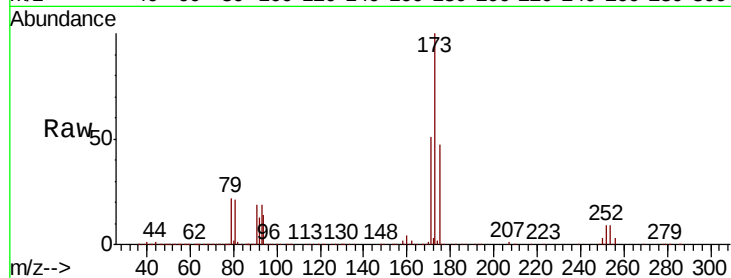
Tot Ion:173 Resp: 156293

Ion Ratio Lower Upper

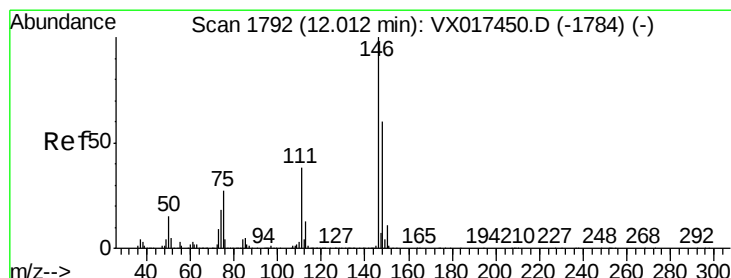
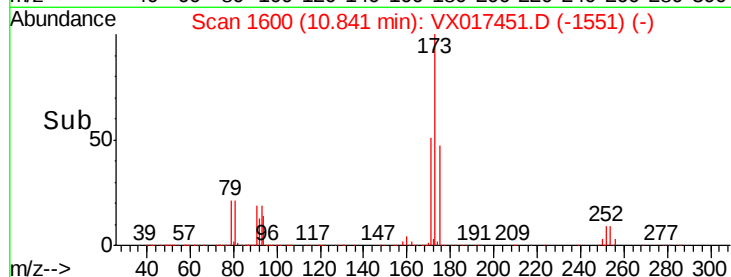
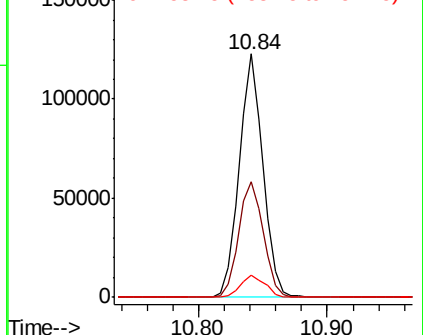
173 100

175 49.6 38.4 57.6

254 9.5 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: 12.860 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

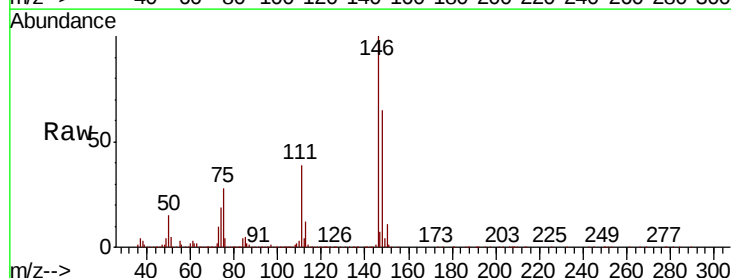
Tgt Ion:146 Resp: 689583

Ion Ratio Lower Upper

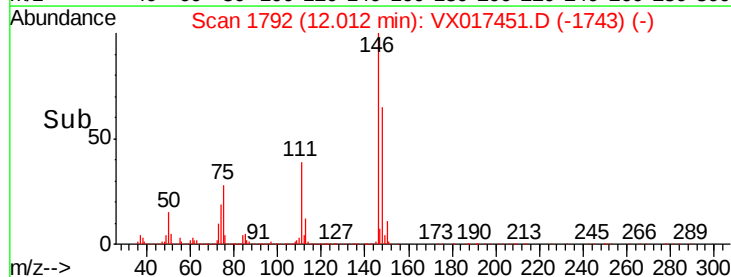
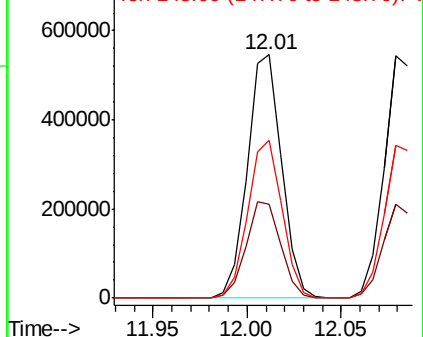
146 100

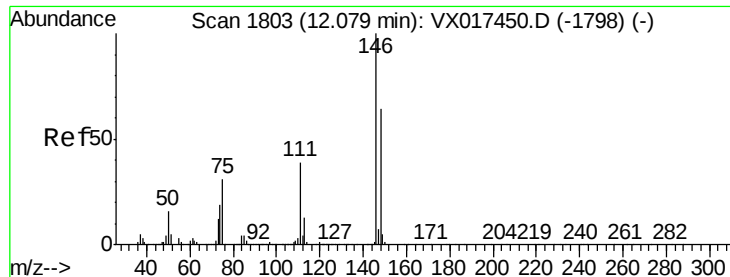
111 38.6 26.8 49.8

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

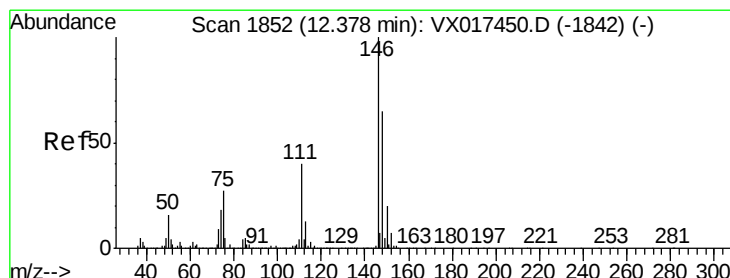
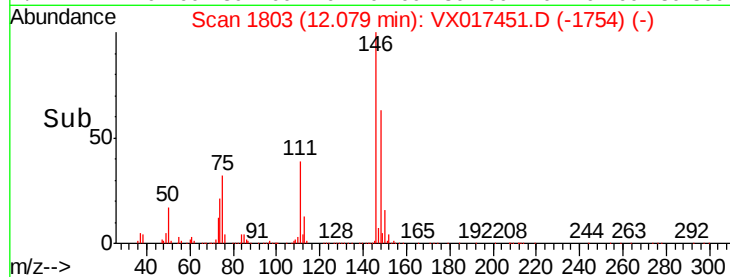
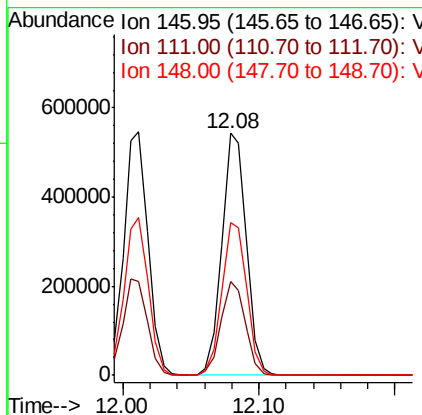
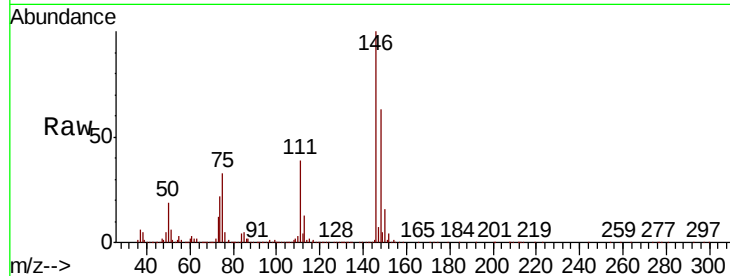




#64
 1,4-Dichlorobenzene
 Concen: 12.521 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

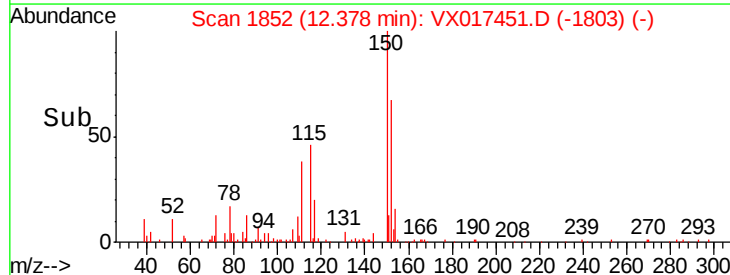
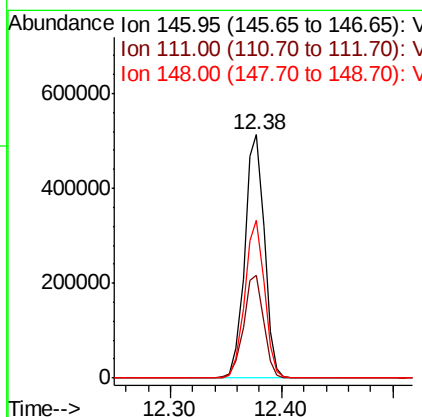
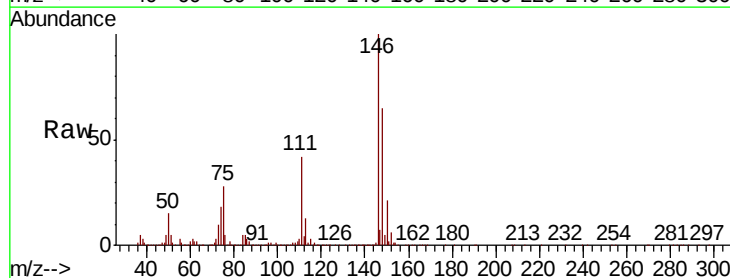
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

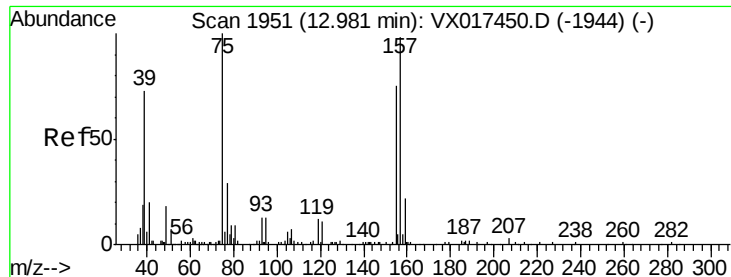
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	27.7	51.5
148	63.0	44.9	83.5



#66
 1,2-Dichlorobenzene
 Concen: 12.851 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	31.8	47.6
148	64.7	51.8	77.8





#67

1,2-Dibromo-3-chloropropane

Concen: 13.382 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD01064

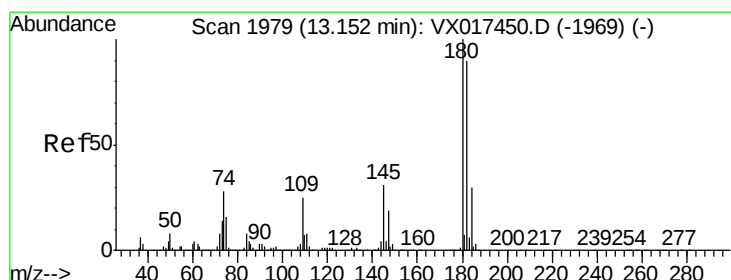
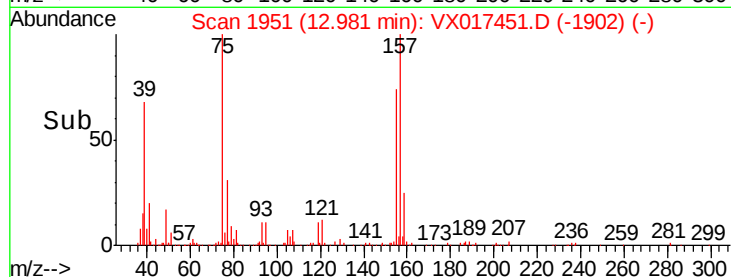
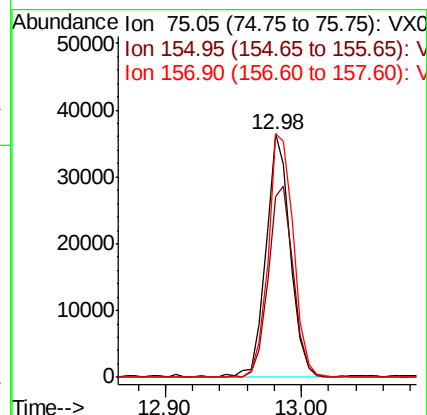
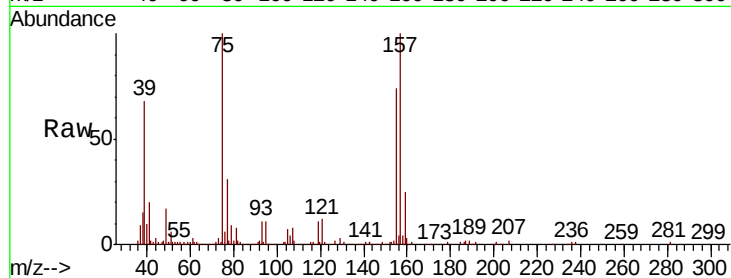
Tot Ion: 75 Resp: 45374

Ion Ratio Lower Upper

75 100

155 74.2 59.6 89.4

157 99.9 78.7 118.1



#68

1,3,5-Trichlorobenzene

Concen: 13.618 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017451.D

Acq: 21 Jul 2020 12:27

Tgt Ion: 180 Resp: 557874

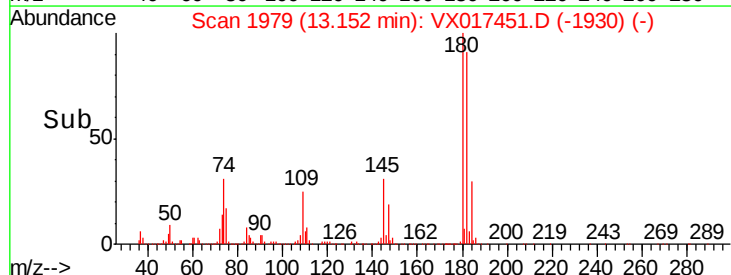
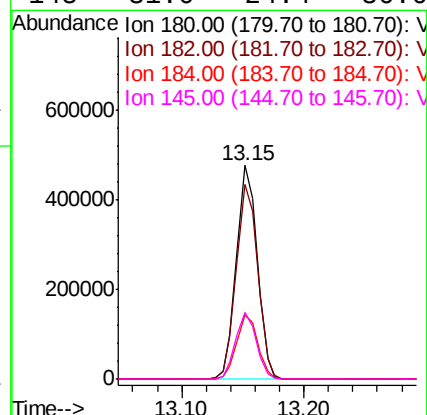
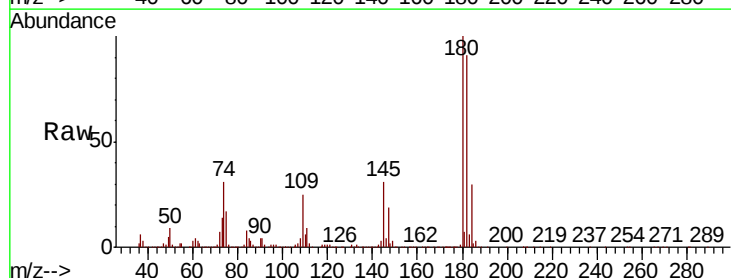
Ion Ratio Lower Upper

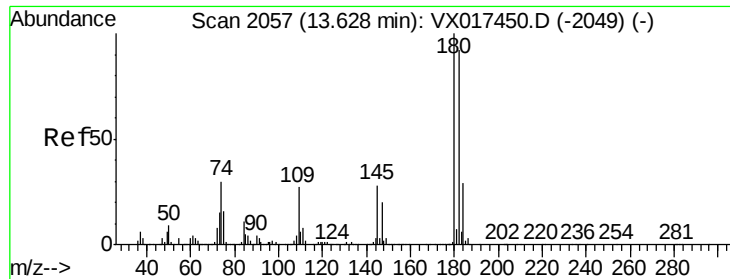
180 100

182 93.3 73.8 110.8

184 30.5 24.2 36.2

145 31.0 24.4 36.6

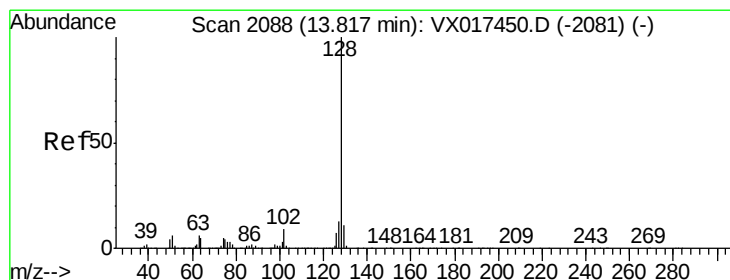
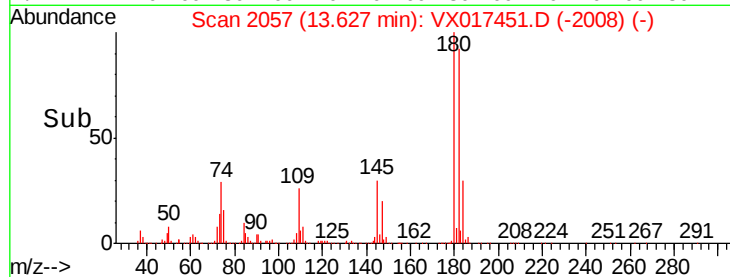
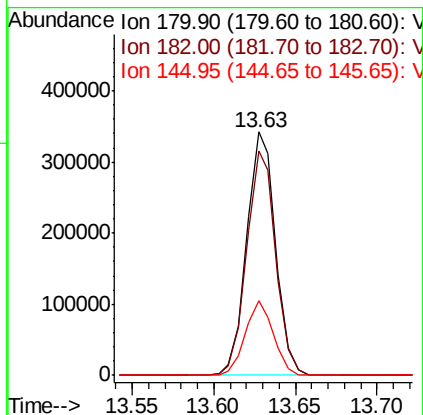
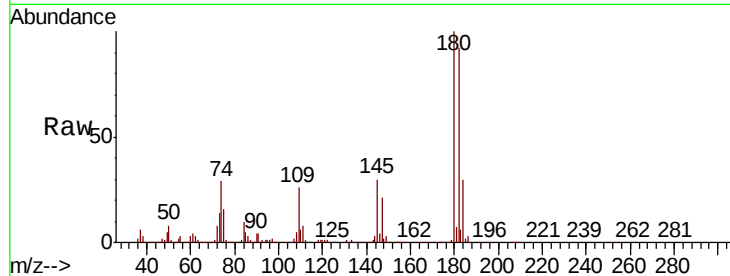




#69
 1,2,4-trichlorobenzene
 Concen: 12.424 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

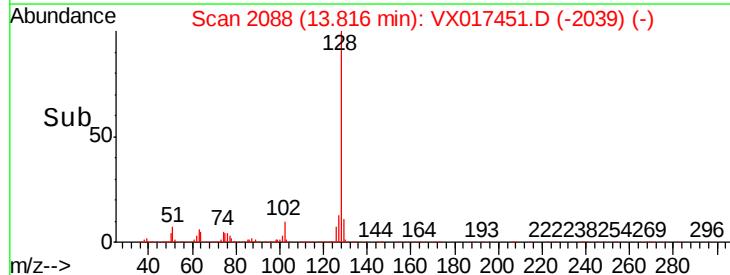
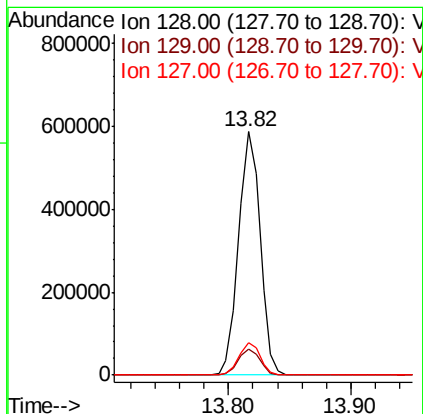
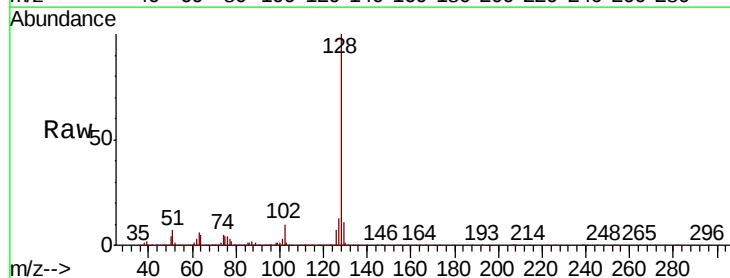
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

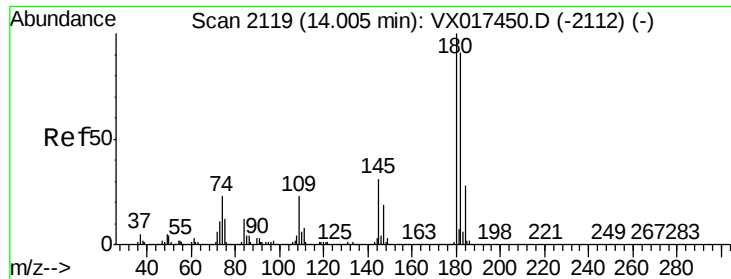
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.3	112.9
145	30.1	24.3	36.5



#70
 Naphthalene
 Concen: 12.810 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.9	10.2	15.4





#71
 1,2,3-Trichlorobenzene
 Concen: 12.459 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX017451.D
 Acq: 21 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01064

Tot Ion:	180	Resp:	378843
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.3	112.9
145	33.3	26.9	40.3

