

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017888.D
 Acq On : 14 Aug 2020 09:21
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

Quant Time: Aug 17 01:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 13:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	363556	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	354388	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	180316	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115916	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.70	69	90223	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	251842	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.54	46	280235	42.00	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	5.14	84	229752	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	6.03	65	122835	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	6.04	84	419386	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	7.37	67	129954	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	8.70	98	407030	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	8.99	79	56552	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	9.43	63	233506	43.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	97688	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	153479	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	208989	4.944 ug/L	98
3) Chloromethane	1.31	50	182619	5.290 ug/L	99
5) Vinyl chloride	1.39	62	190171	5.554 ug/L	96
6) Bromomethane	1.64	94	108449	5.442 ug/L	100
8) Chloroethane	1.72	64	106080	5.539 ug/L	100
9) Trichlorofluoromethane	1.92	101	306078	5.555 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	177330	5.897 ug/L	98
12) 1,1-Dichloroethene	2.36	96	154920	5.559 ug/L	95
13) Acetone	2.43	43	242307	49.710 ug/L	98
14) Carbon disulfide	2.55	76	473557	4.731 ug/L	100
15) Methyl Acetate	2.75	43	62232	4.330 ug/L	97
16) Methylene chloride	2.84	84	167689	4.356 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	357362	4.789 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	158631	5.017 ug/L	98
19) 1,1-Dichloroethane	3.67	63	297935	5.282 ug/L	97
21) 2-Butanone	4.64	43	389768	46.298 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	165750	4.996 ug/L #	96

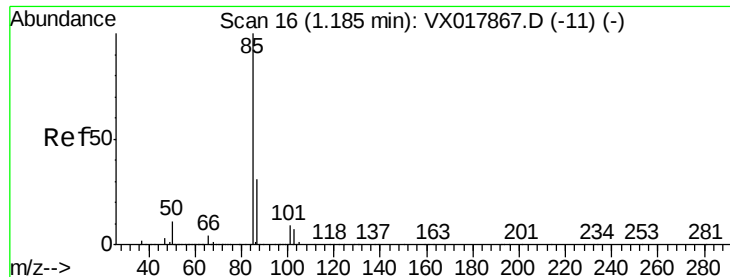
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	81000	5.216	ug/L	98
25) Chloroform	5.17	83	321946	5.300	ug/L	98
27) 1,2-Dichloroethane	6.17	62	193144	4.957	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	306129	5.265	ug/L	98
30) Cyclohexane	5.54	56	237747	4.713	ug/L	98
31) Carbon tetrachloride	5.76	117	277258	5.174	ug/L	99
33) Benzene	6.11	78	633566	5.050	ug/L	100
34) Trichloroethene	7.18	95	179840	4.911	ug/L	97
35) Methylcyclohexane	7.44	83	249214	4.841	ug/L	97
37) 1,2-Dichloropropane	7.49	63	164839	5.225	ug/L	99
38) Bromodichloromethane	7.87	83	225974	5.142	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	232573	4.788	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	967080	47.080	ug/L	99
42) Toluene	8.76	91	706808	5.190	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	636641	5.121	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	651873	5.149	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	212727	4.910	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	117343	4.957	ug/L	96
49) Tetrachloroethene	9.32	164	150929	5.151	ug/L	95
50) 2-Hexanone	9.47	43	695788	47.257	ug/L	99
51) Dibromochloromethane	9.57	129	162711	4.990	ug/L	100
52) 1,2-Dibromoethane	9.65	107	112831	4.869	ug/L #	98
53) Chlorobenzene	10.12	112	456244	5.147	ug/L	96
54) Ethylbenzene	10.23	91	740798	4.984	ug/L	100
55) m,p-xylene	10.34	106	300314	5.292	ug/L	98
56) o-xylene	10.68	106	277979	5.052	ug/L	96
57) Styrene	10.70	104	482361	5.184	ug/L	98
58) Isopropylbenzene	11.00	105	767562	5.211	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	126705	4.873	ug/L	99
62) Bromoform	10.84	173	93609	5.191	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	370698	5.279	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	369059	5.283	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	343945	5.273	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	27535	4.859	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	272667	5.258	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	235871	5.138	ug/L	98
70) Naphthalene	13.82	128	408077	4.838	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	226709	5.248	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 4.944 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampled :

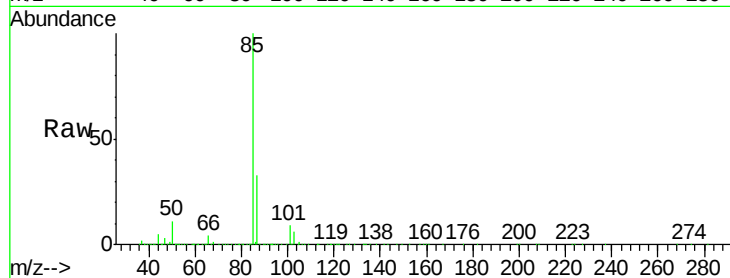
VSTD00574

Tgt Ion: 85 Resp: 208989

Ion Ratio Lower Upper

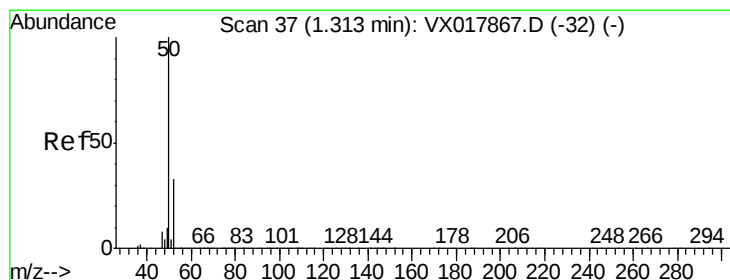
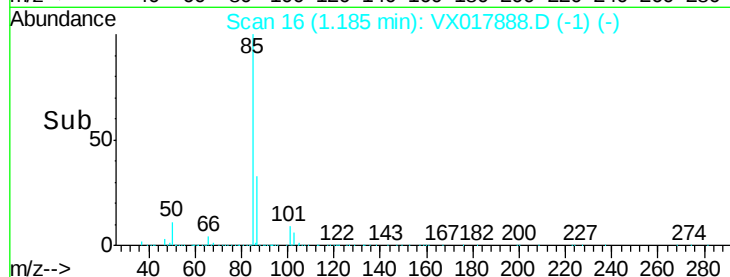
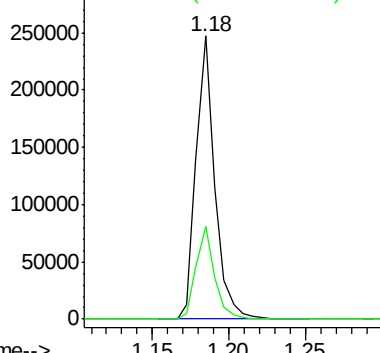
85 100

87 32.7 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 5.290 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017888.D

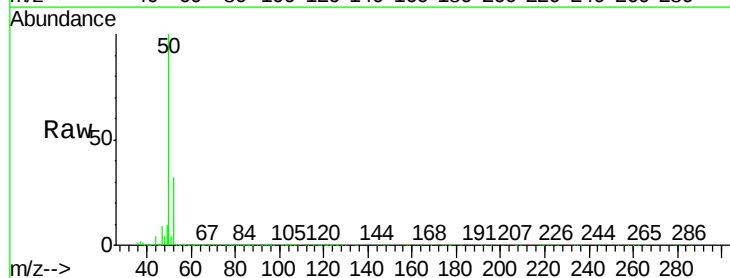
Acq: 14 Aug 2020 09:21

Tgt Ion: 50 Resp: 182619

Ion Ratio Lower Upper

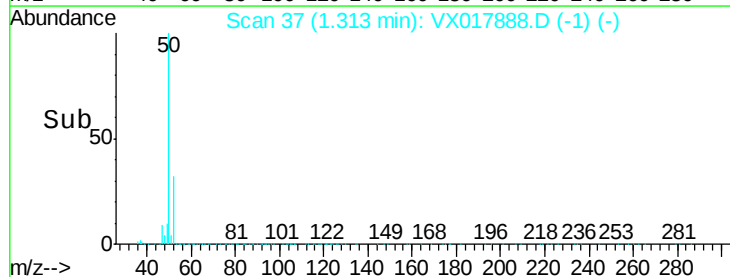
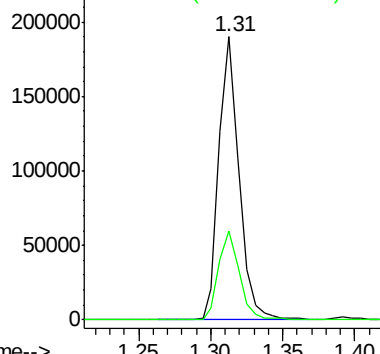
50 100

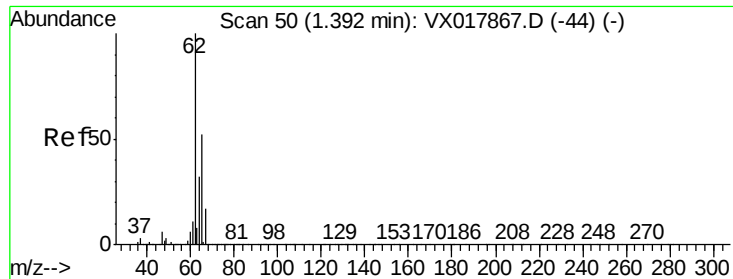
52 31.6 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 5.554 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

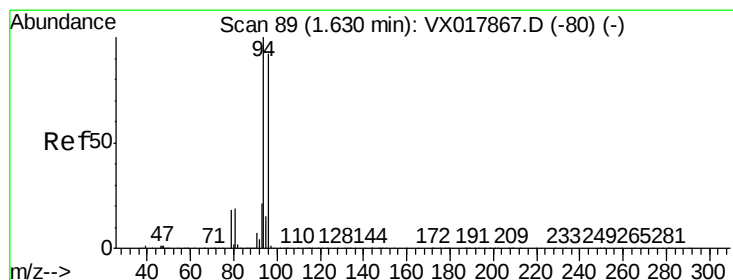
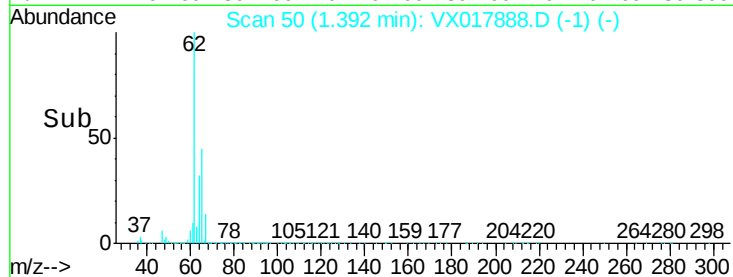
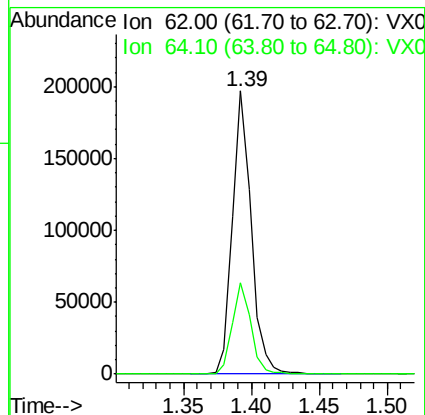
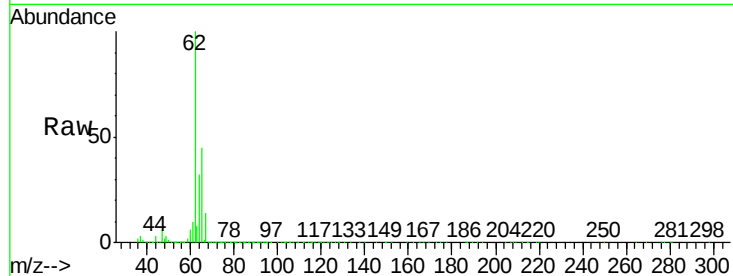
VSTD00574

Tgt Ion: 62 Resp: 190171

Ion Ratio Lower Upper

62 100

64 32.5 21.3 39.6



#6

Bromomethane

Concen: 5.442 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017888.D

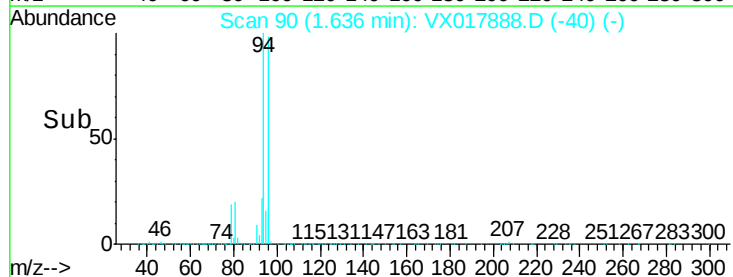
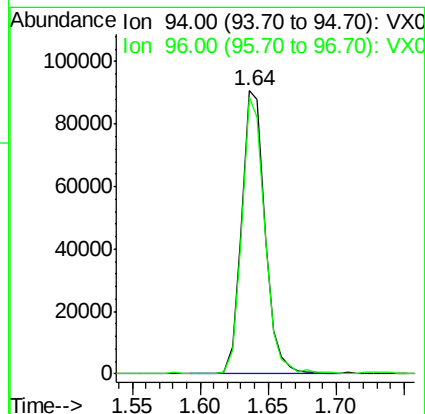
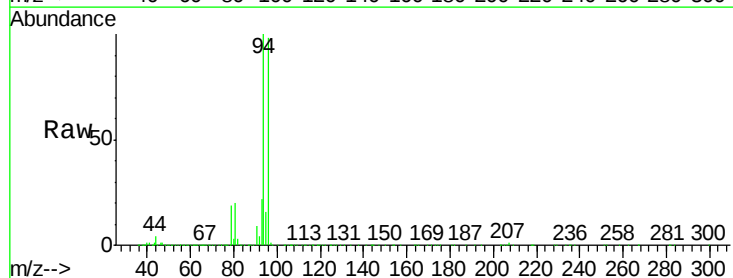
Acq: 14 Aug 2020 09:21

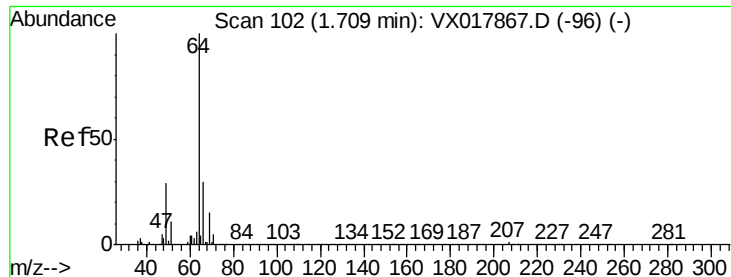
Tgt Ion: 94 Resp: 108449

Ion Ratio Lower Upper

94 100

96 97.8 68.5 127.1

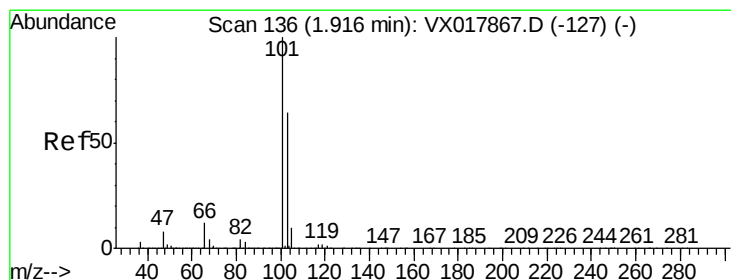
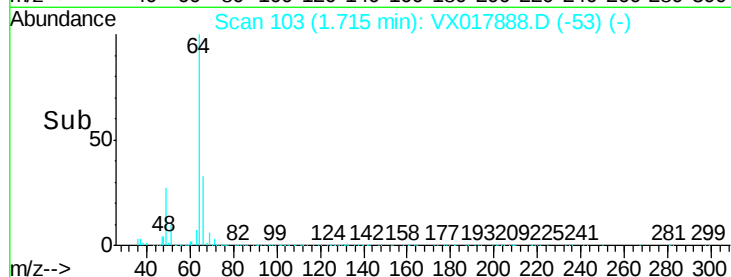
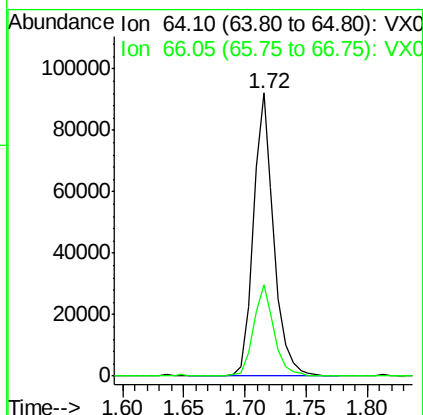
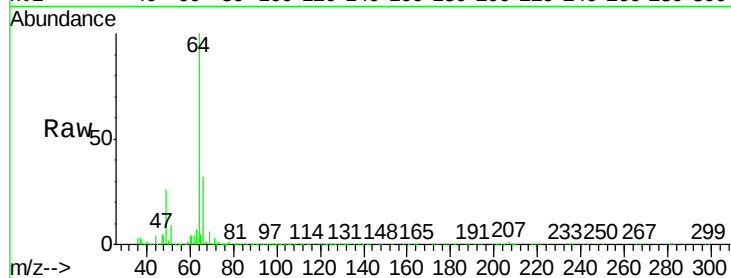




#8
Chloroethane
Concen: 5.539 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

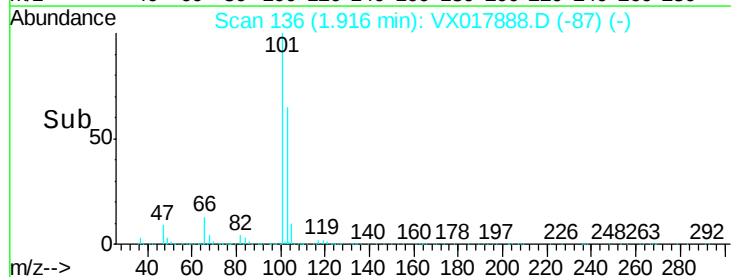
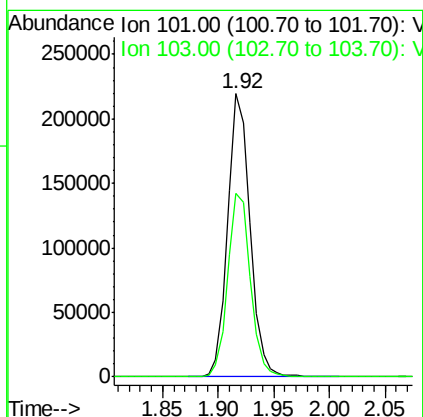
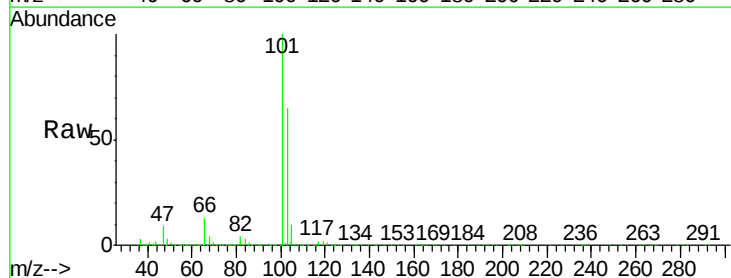
Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

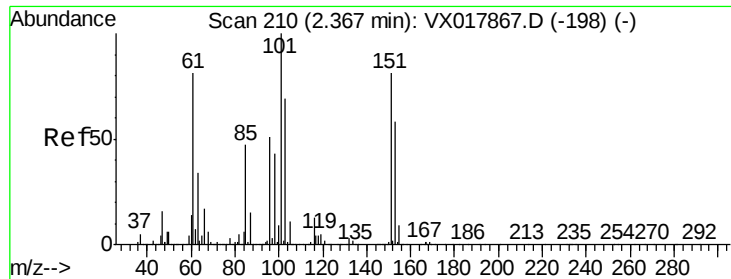
Tgt Ion: 64 Resp: 106080
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.555 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion: 101 Resp: 306078
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0





#10

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

Concen: 5.897 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00574

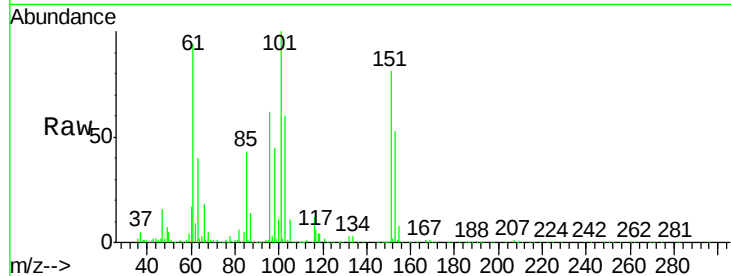
Tgt Ion: 101 Resp: 177330

Ion Ratio Lower Upper

101 100

85 43.3 34.3 51.5

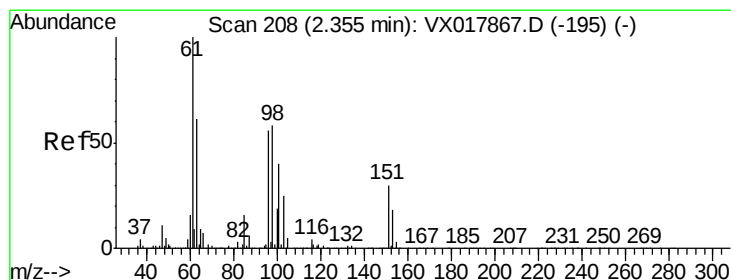
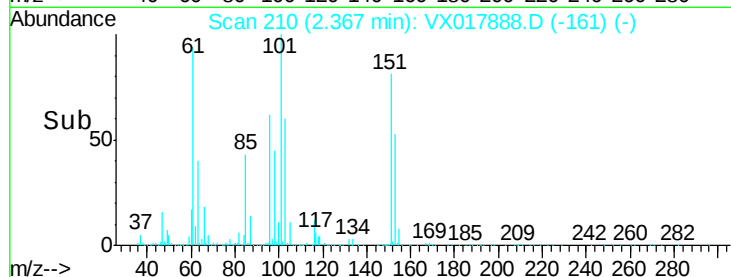
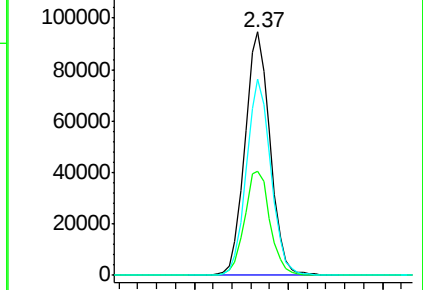
151 78.7 64.8 97.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.559 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

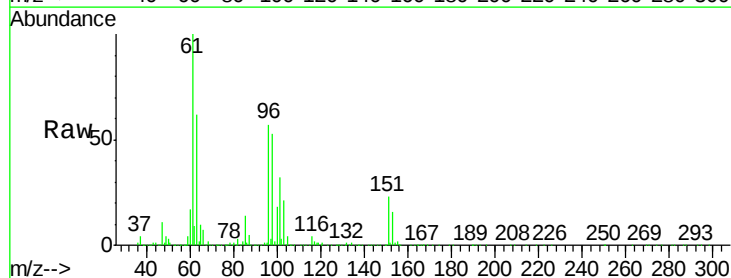
Tgt Ion: 96 Resp: 154920

Ion Ratio Lower Upper

96 100

61 176.0 123.5 229.3

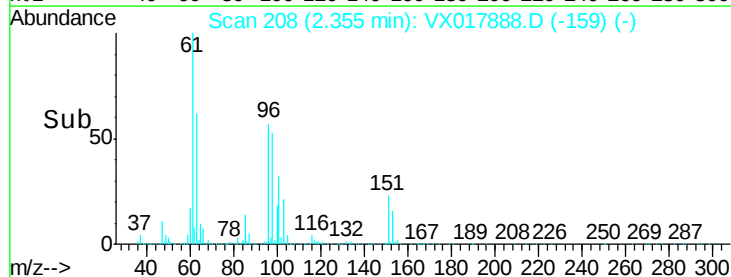
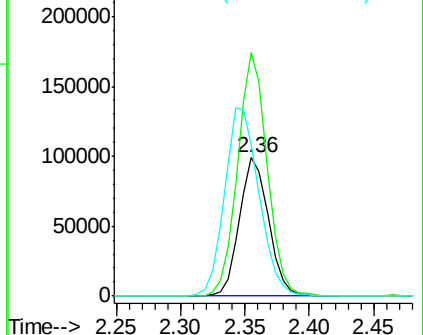
63 109.1 67.0 124.4

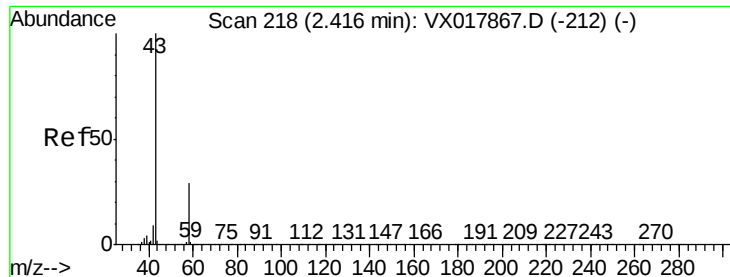


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 49.710 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

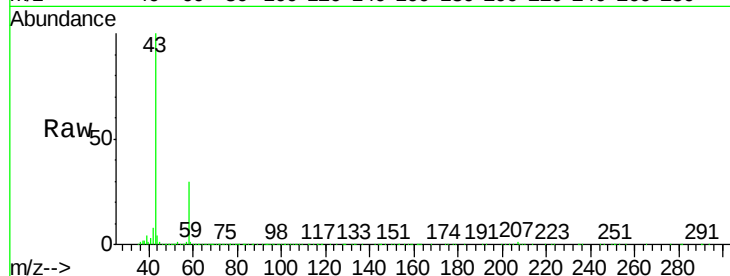
VSTD00574

Tgt Ion: 43 Resp: 242307

Ion Ratio Lower Upper

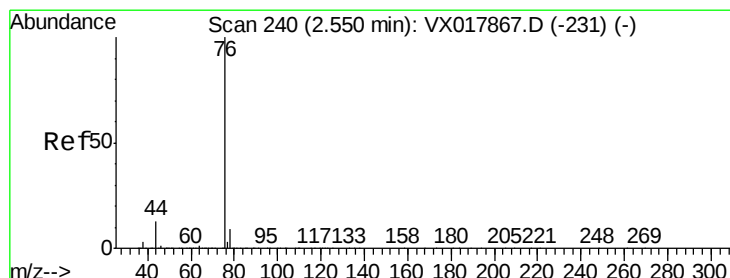
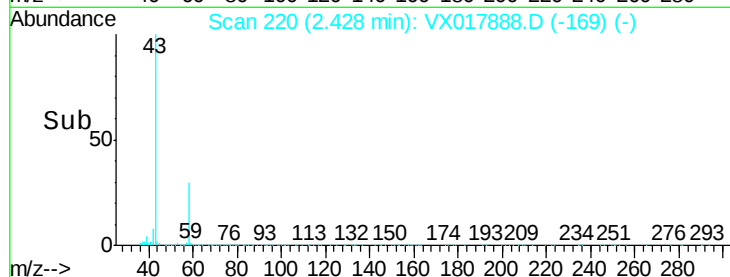
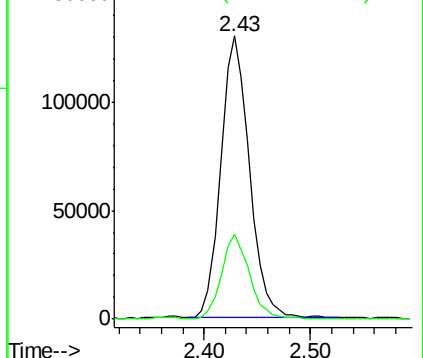
43 100

58 29.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 4.731 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017888.D

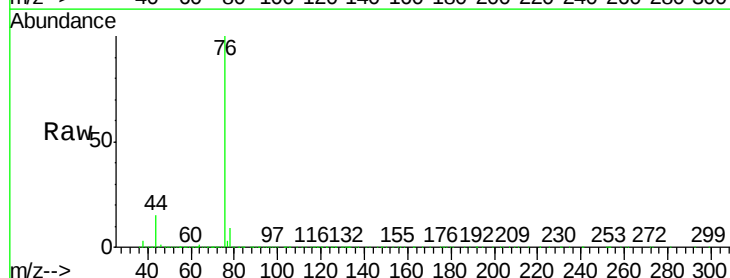
Acq: 14 Aug 2020 09:21

Tgt Ion: 76 Resp: 473557

Ion Ratio Lower Upper

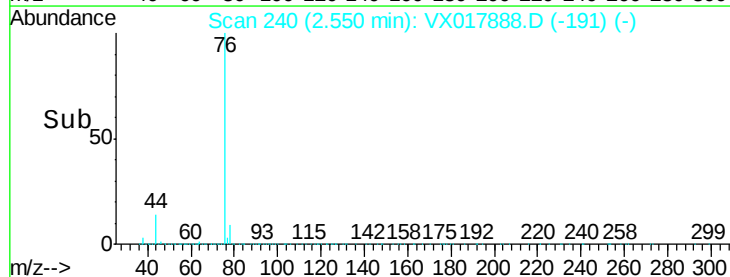
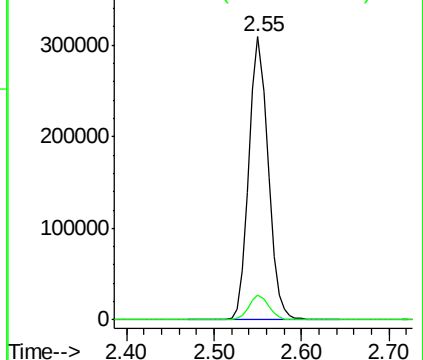
76 100

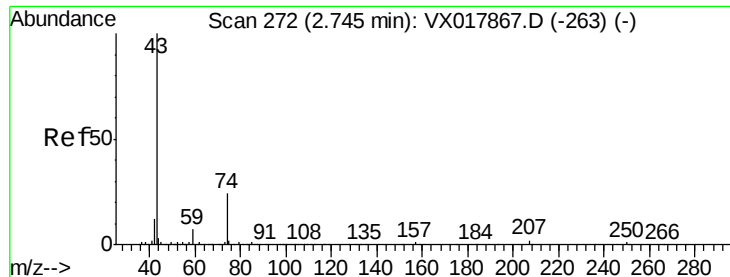
78 8.9 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

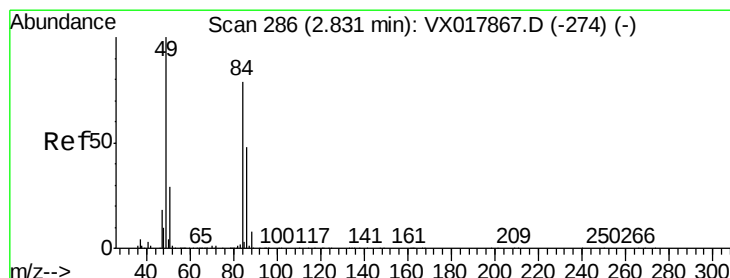
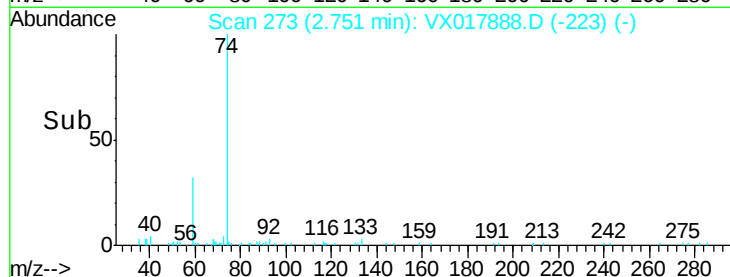
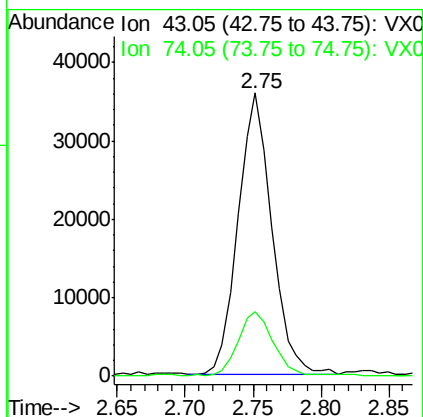
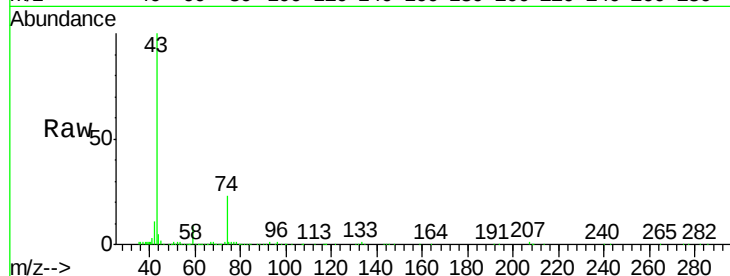




#15
Methyl Acetate
Concen: 4.330 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

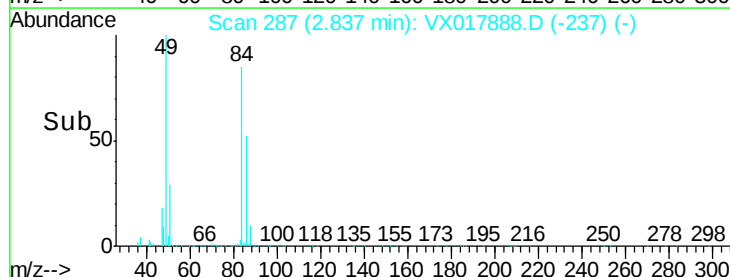
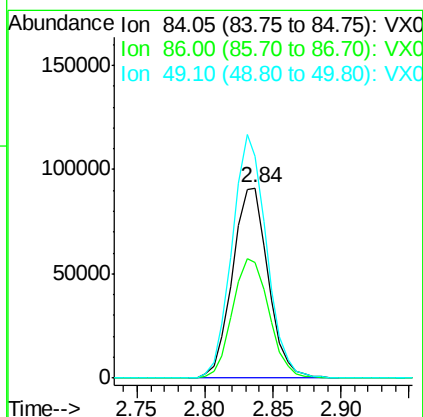
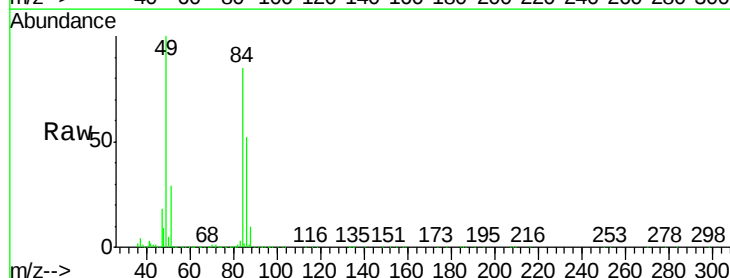
Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

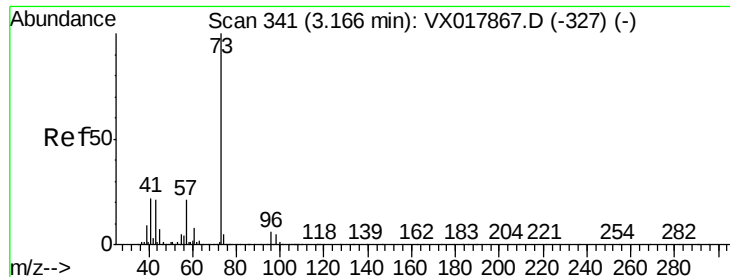
Tgt Ion: 43 Resp: 62232
Ion Ratio Lower Upper
43 100
74 24.1 20.4 30.6



#16
Methylene chloride
Concen: 4.356 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion: 84 Resp: 167689
Ion Ratio Lower Upper
84 100
86 60.7 43.0 80.0
49 117.2 86.9 161.3

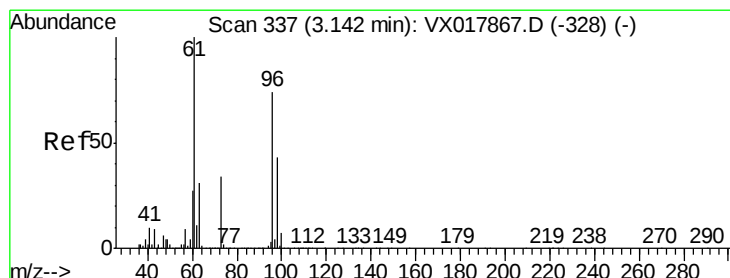
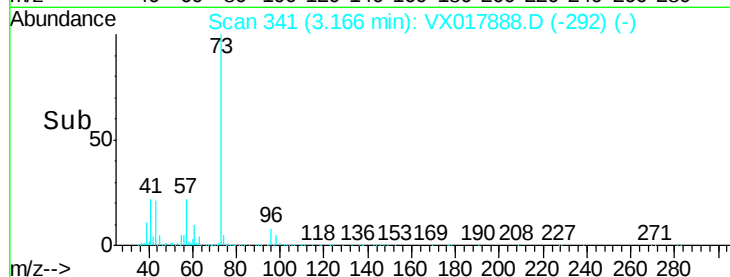
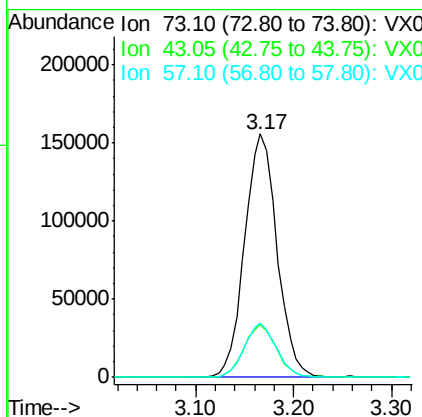
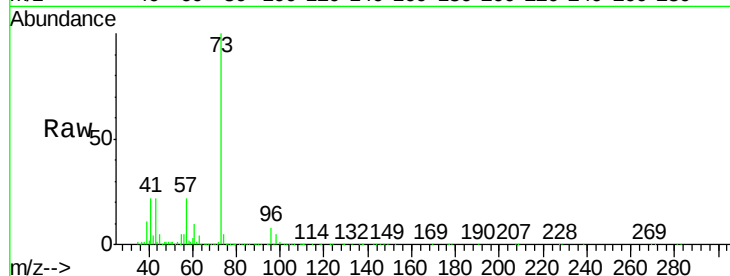




#17
Methyl tert-butyl Ether
Concen: 4.789 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

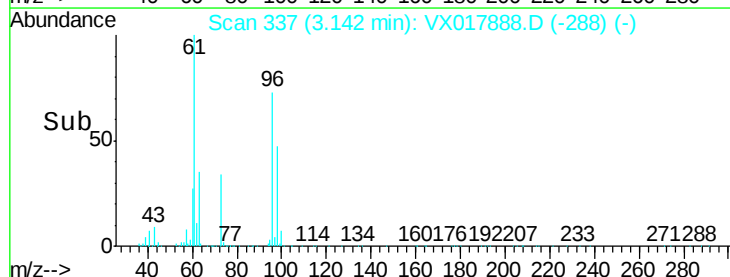
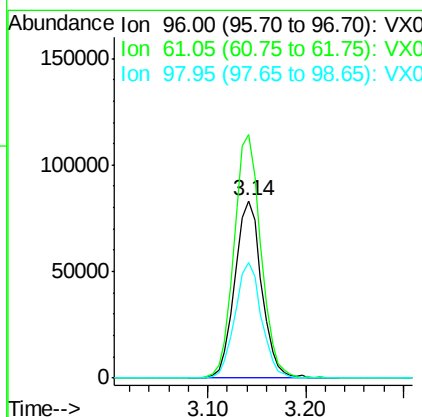
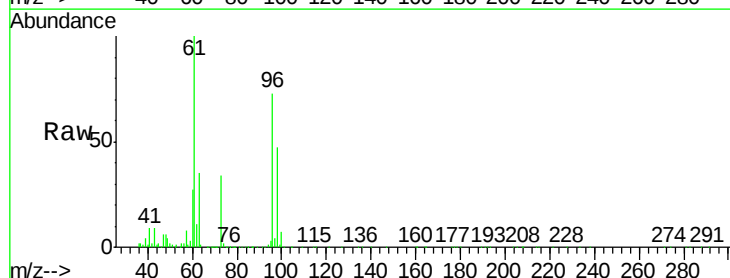
Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

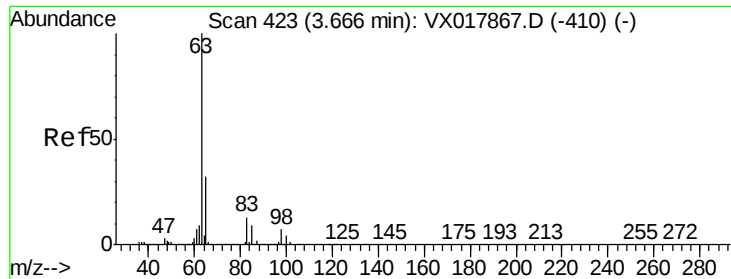
Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.7	26.5
57	22.2	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 5.017 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	98.4	182.8
98	65.2	44.9	83.5

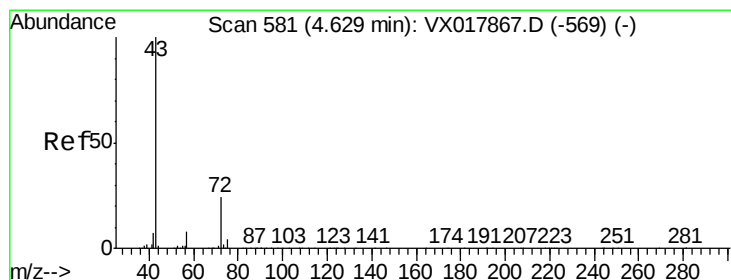
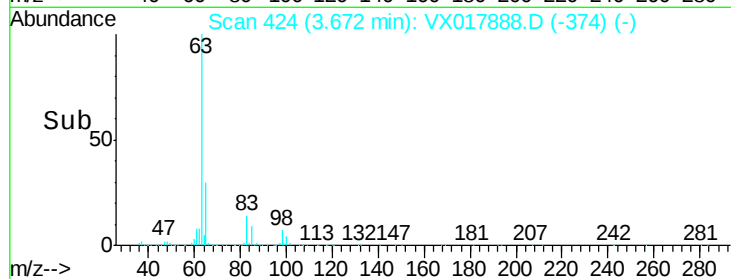
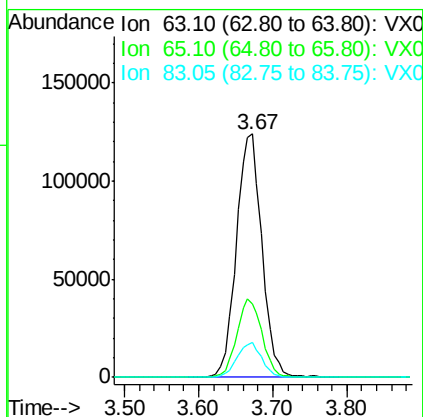
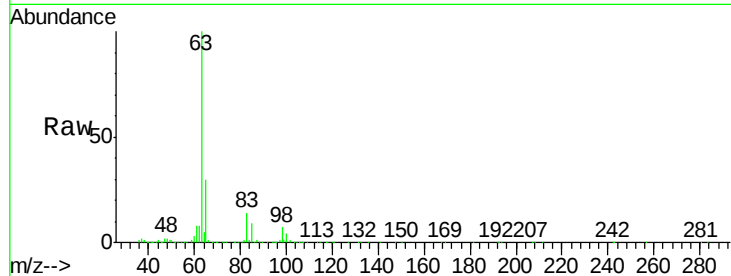




#19
 1,1-Dichloroethane
 Concen: 5.282 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

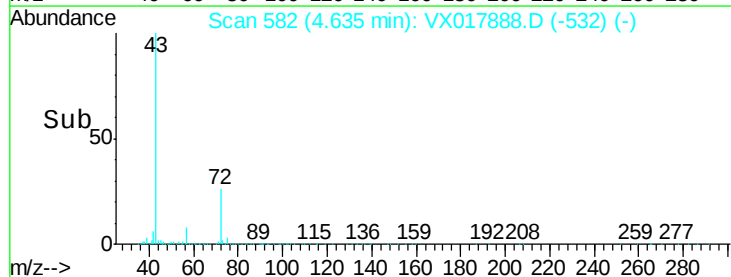
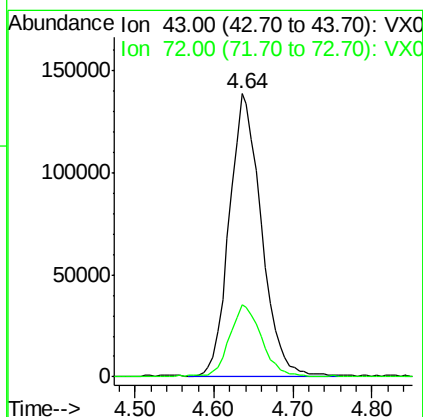
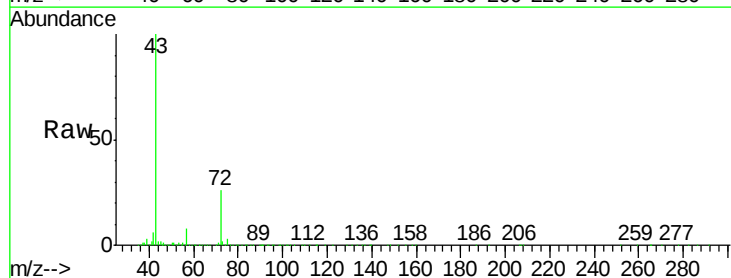
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

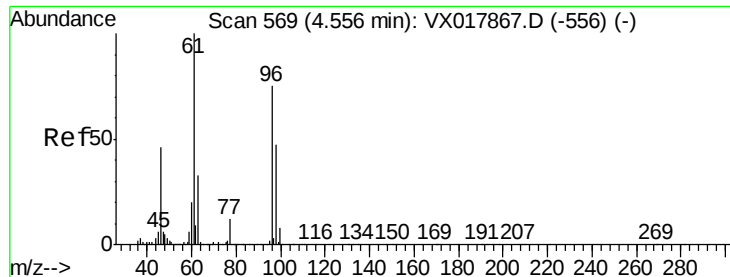
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.6	42.0
83	14.1	9.5	17.7



#21
 2-Butanone
 Concen: 46.298 ug/L
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.1	13.2	39.6



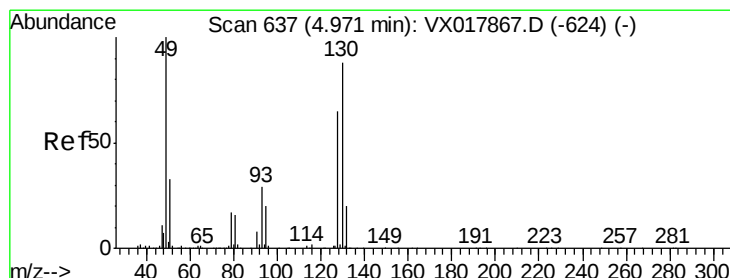
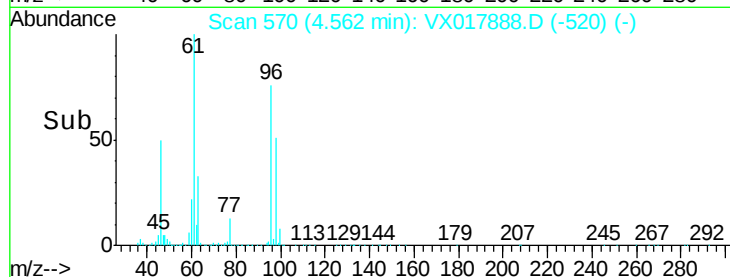
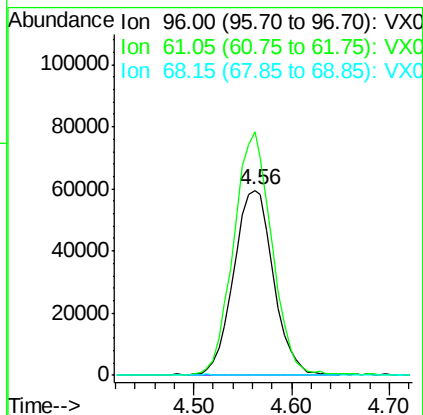
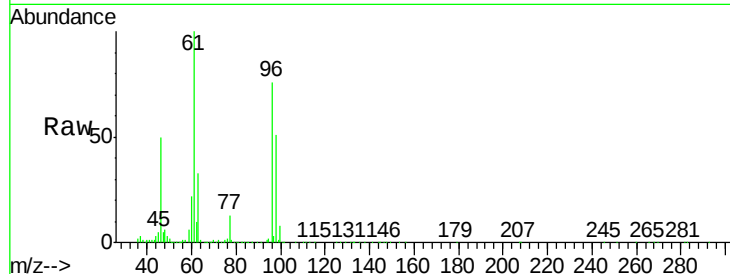


#22

cis-1,2-Dichloroethene
 Concen: 4.996 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

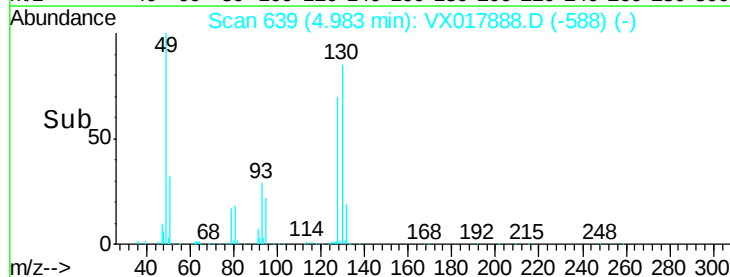
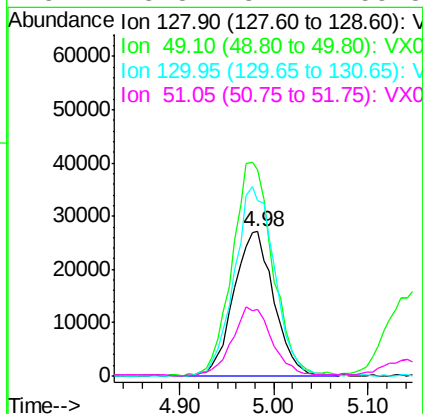
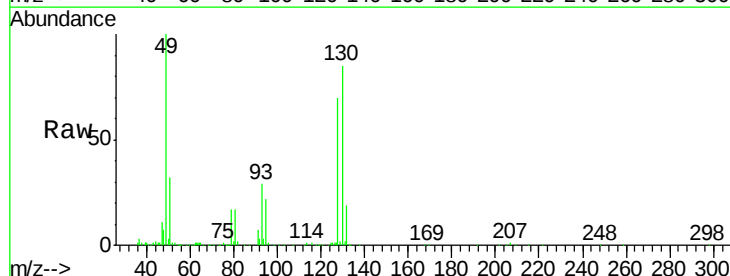
Tgt Ion: 96 Resp: 165750
 Ion Ratio Lower Upper
 96 100
 61 131.6 88.8 165.0
 68 0.2 0.2 0.4#

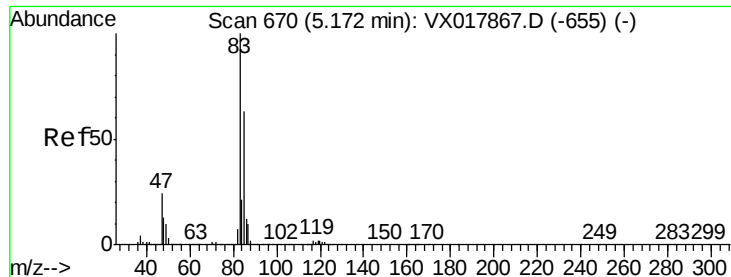


#23

Bromochloromethane
 Concen: 5.216 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion: 128 Resp: 81000
 Ion Ratio Lower Upper
 128 100
 49 142.7 100.2 186.0
 130 121.4 89.1 165.5
 51 45.8 37.2 55.8

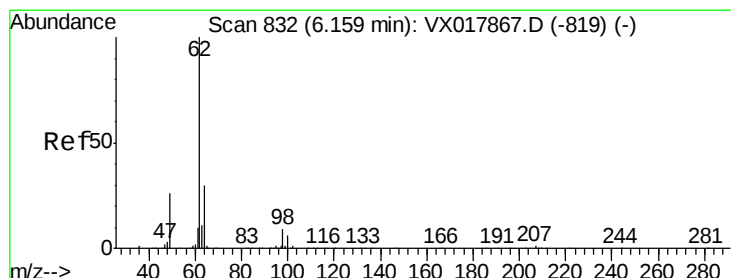
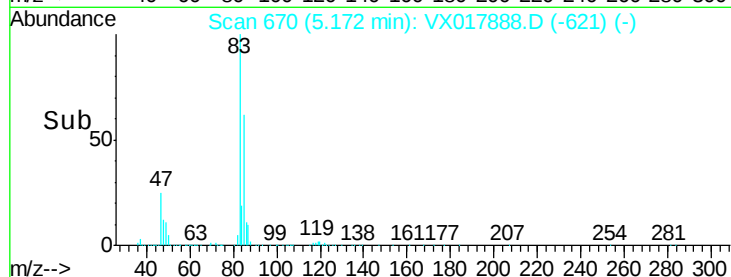
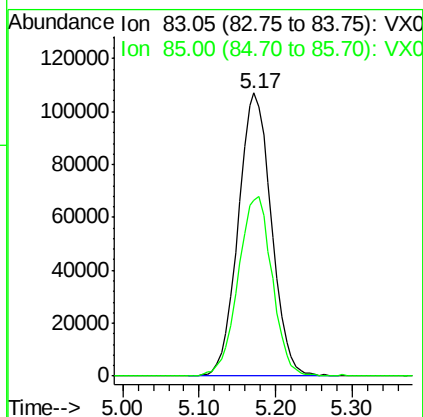
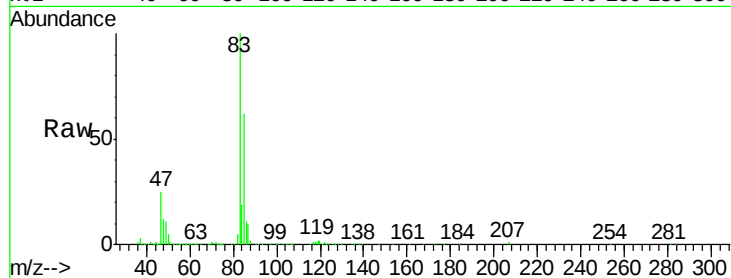




#25
Chloroform
Concen: 5.300 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

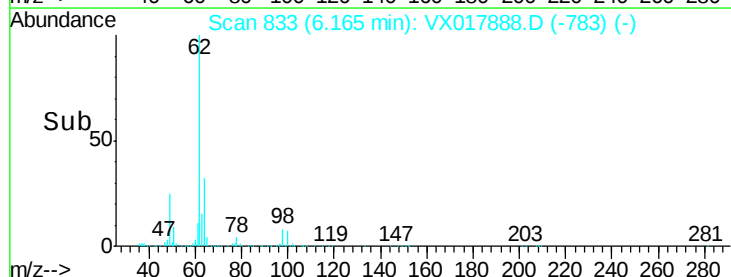
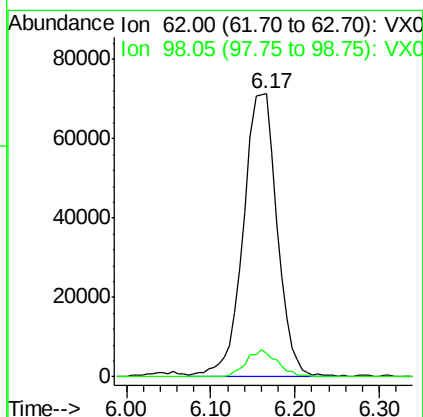
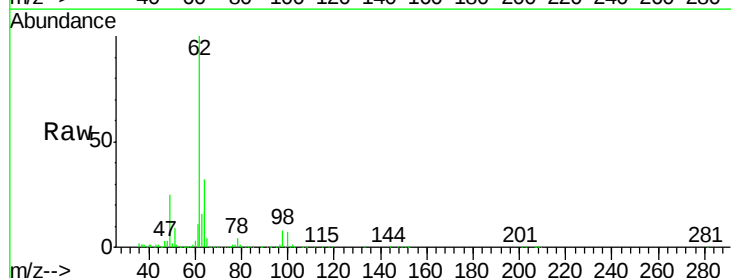
Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

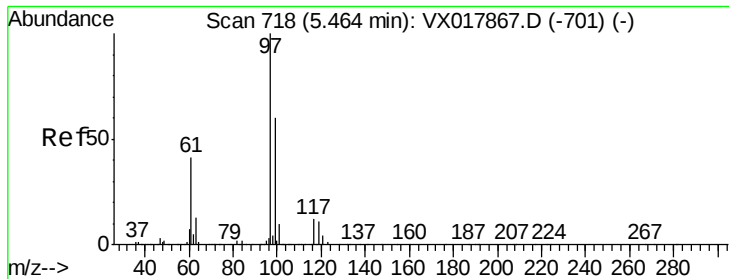
Tgt Ion: 83 Resp: 321946
Ion Ratio Lower Upper
83 100
85 62.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.957 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion: 62 Resp: 193144
Ion Ratio Lower Upper
62 100
98 8.5 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 5.265 ug/L

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00574

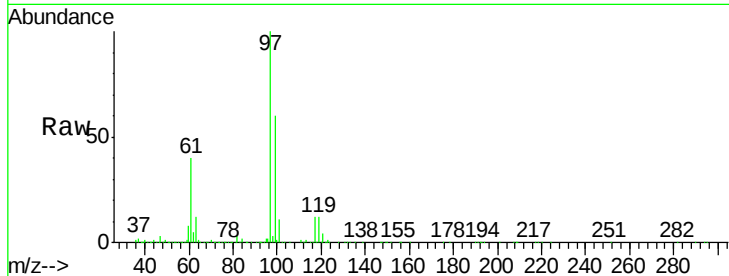
Tgt Ion: 97 Resp: 306129

Ion Ratio Lower Upper

97 100

99 62.9 52.2 78.2

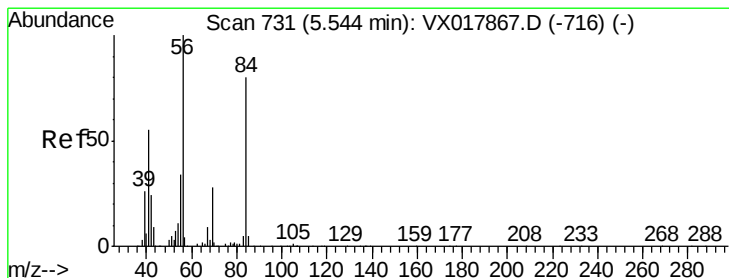
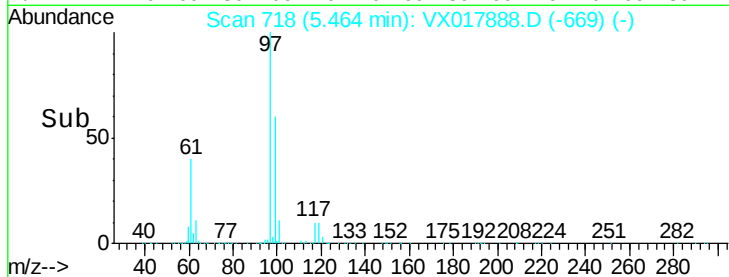
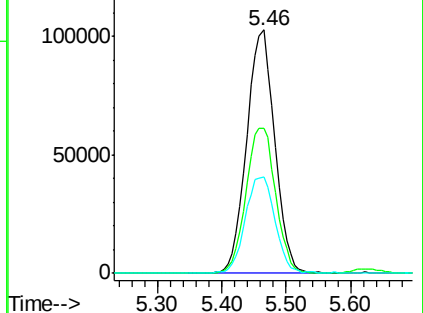
61 41.8 33.8 50.6



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: 4.713 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

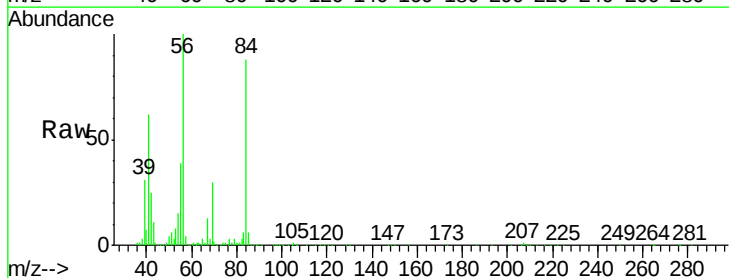
Tgt Ion: 56 Resp: 237747

Ion Ratio Lower Upper

56 100

69 30.2 25.1 37.7

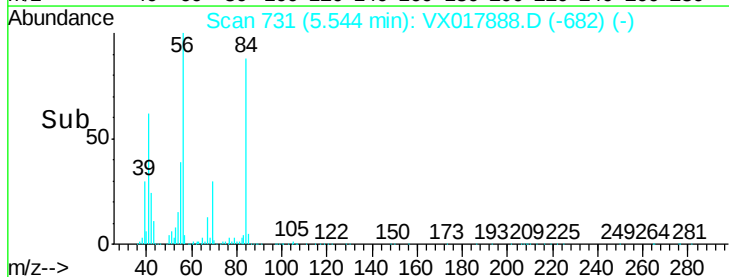
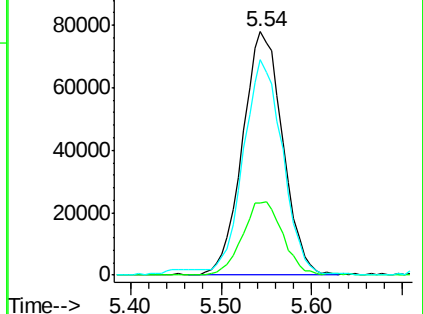
84 87.0 70.7 106.1

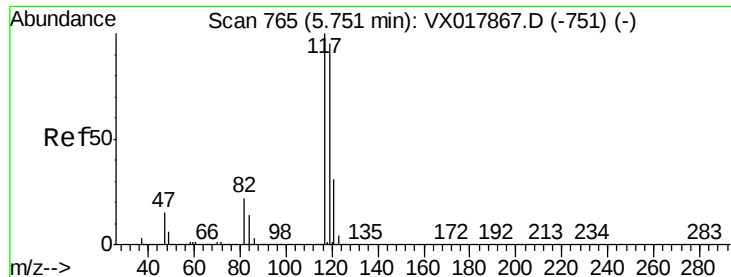


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0



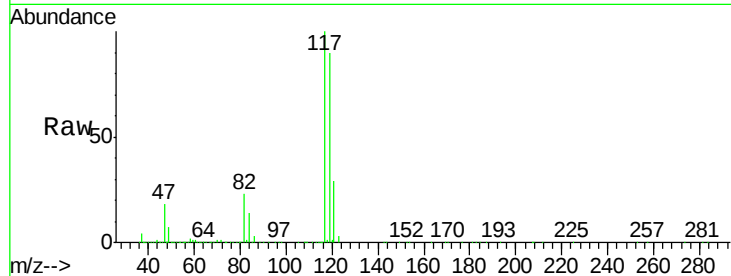


#31

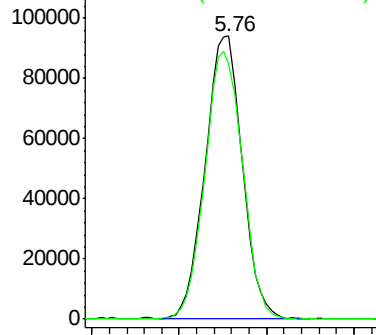
Carbon tetrachloride
Concen: 5.174 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

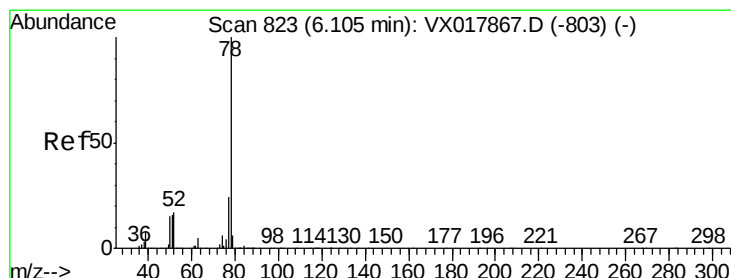
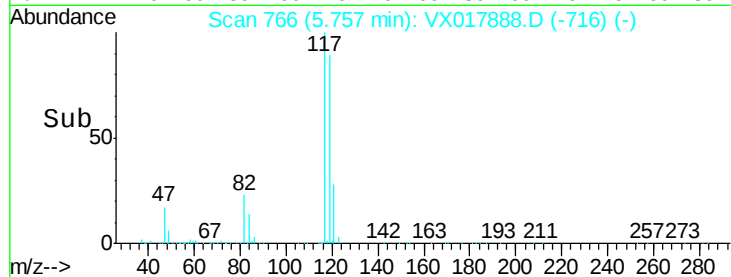
Tgt Ion:117 Resp: 277258
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4



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



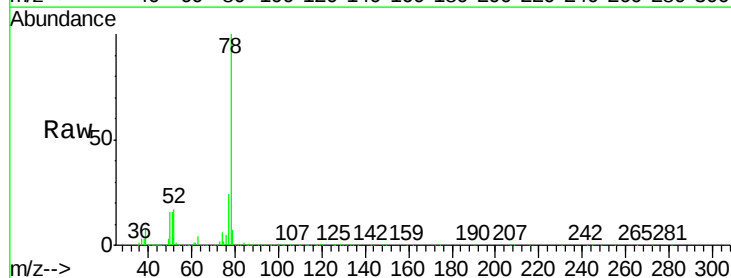
Time-->



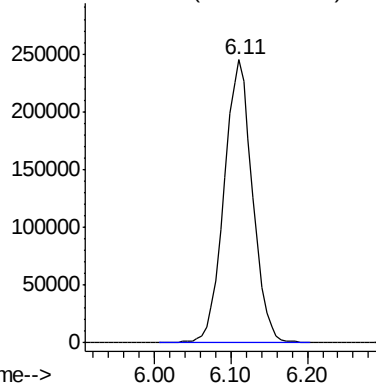
#33

Benzene
Concen: 5.050 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

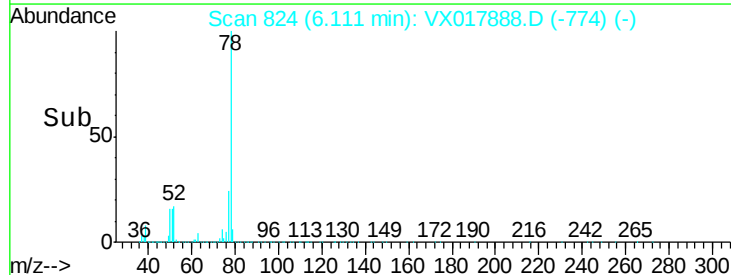
Tgt Ion: 78 Resp: 633566

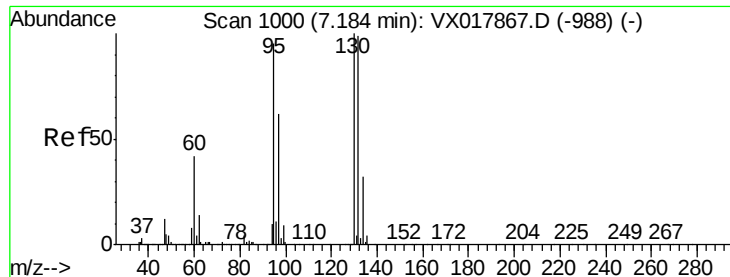


Abundance Ion 78.10 (77.80 to 78.80): VX0



Time-->

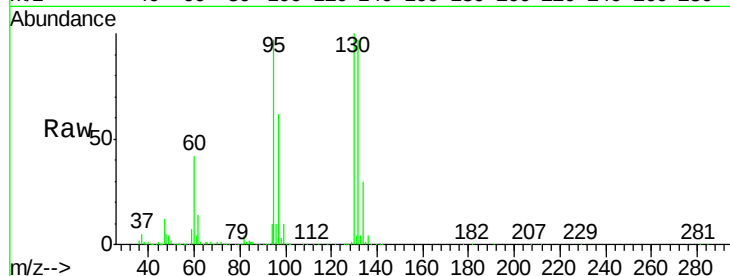




#34
 Trichloroethene
 Concen: 4.911 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00574

Tgt Ion:	95	Resp:	179840
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.1	85.5
132	100.3	66.0	122.6
130	103.0	71.7	133.1

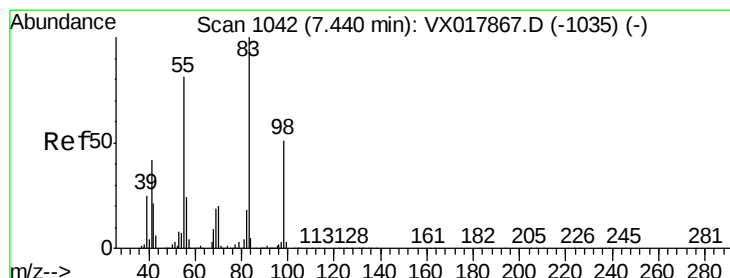
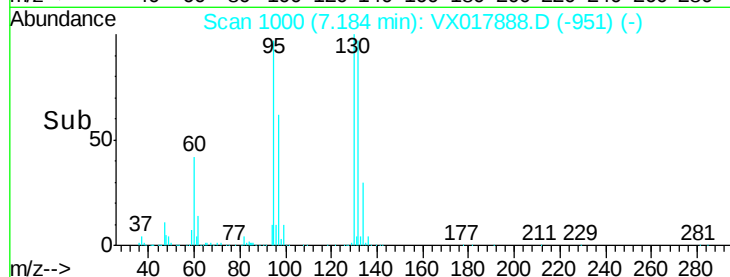
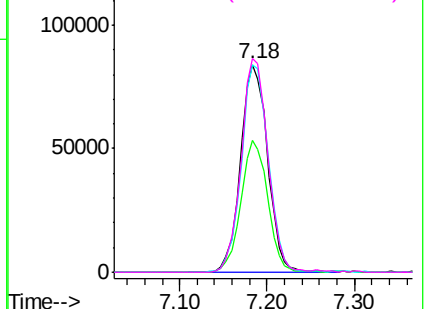


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

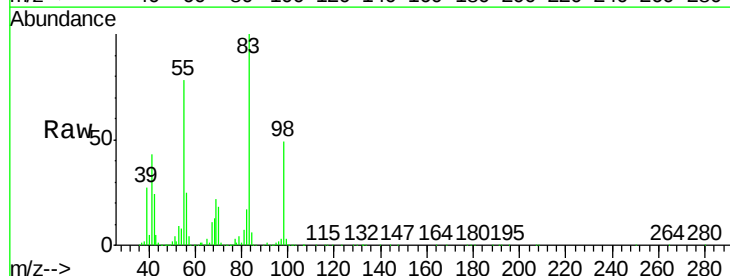
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 4.841 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

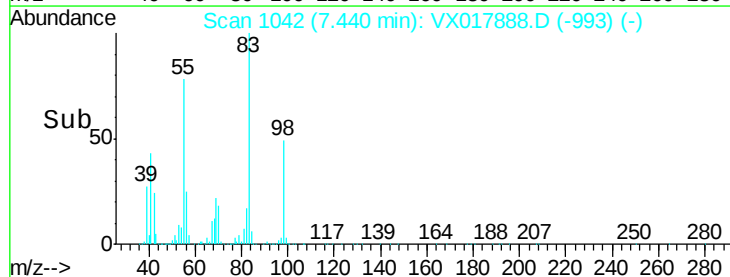
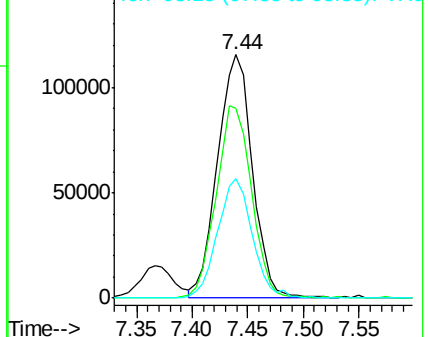
Tgt Ion:	83	Resp:	249214
Ion	Ratio	Lower	Upper
83	100		
55	80.7	62.4	93.6
98	49.5	38.0	57.0

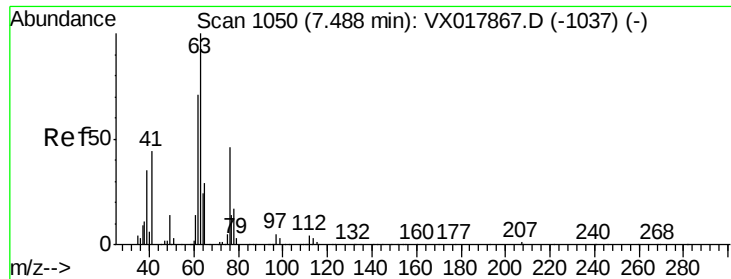


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

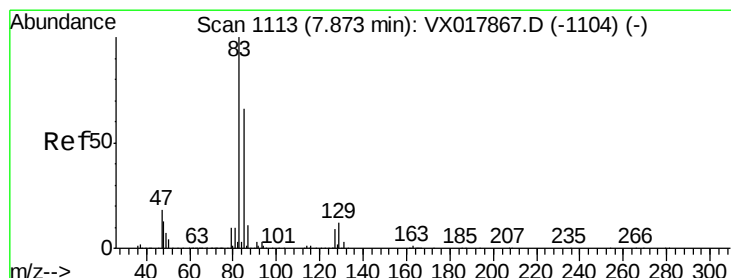
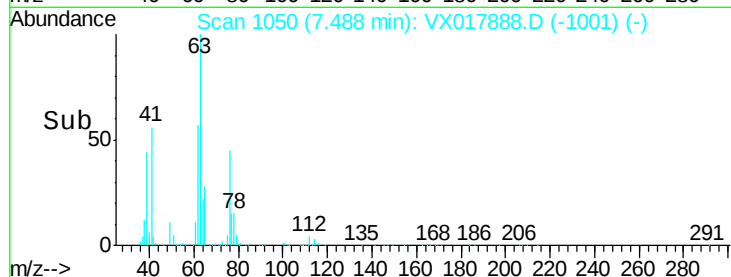
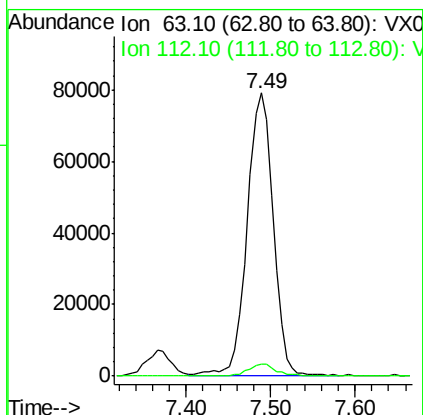
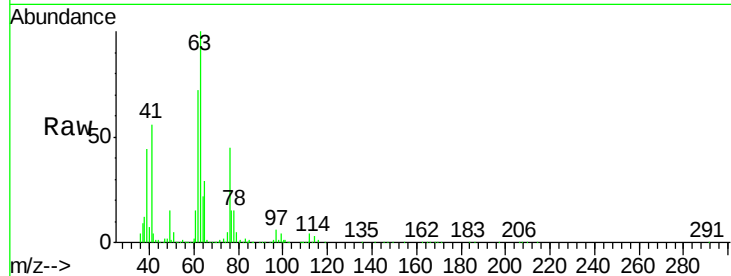




#37
 1,2-Dichloropropane
 Concen: 5.225 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

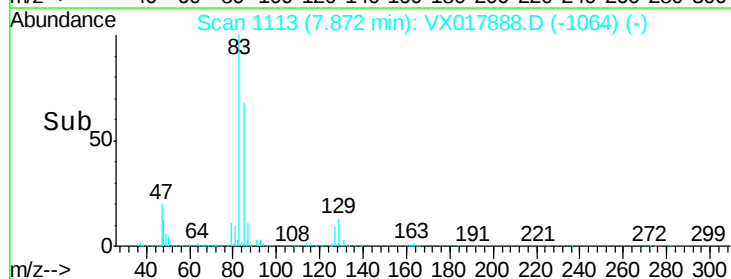
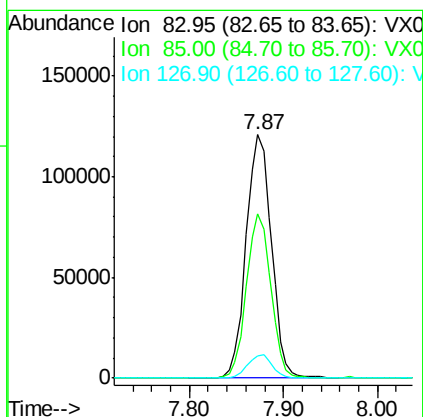
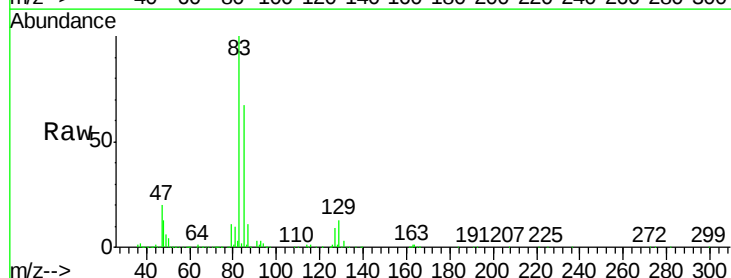
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

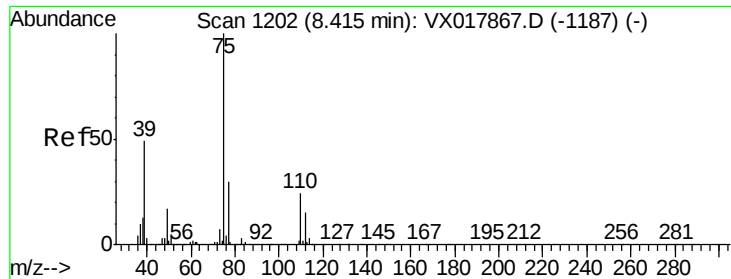
Tgt Ion: 63 Resp: 164839
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.142 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion: 83 Resp: 225974
 Ion Ratio Lower Upper
 83 100
 85 67.3 45.9 85.3
 127 9.0 7.9 11.9

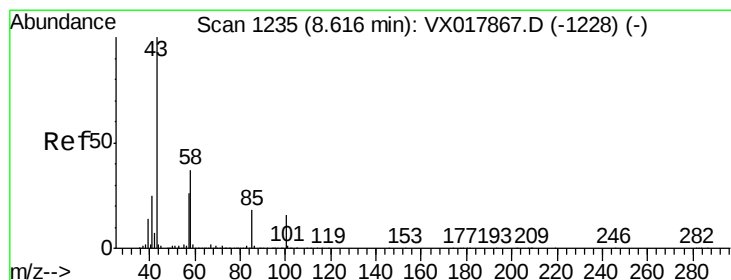
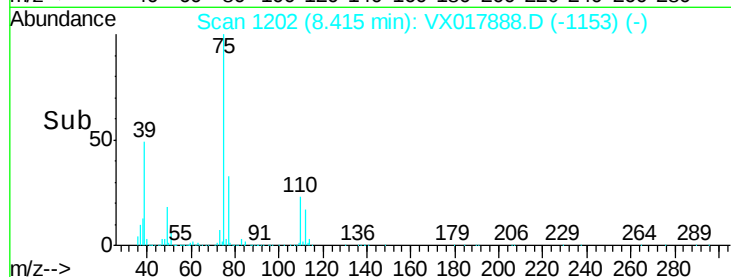
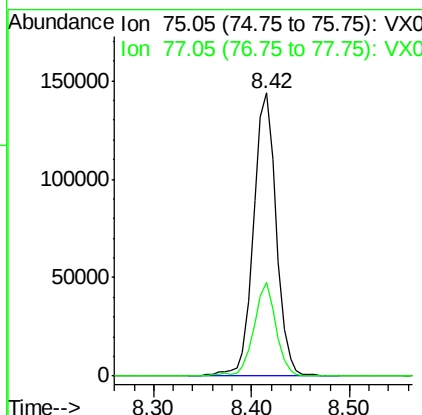
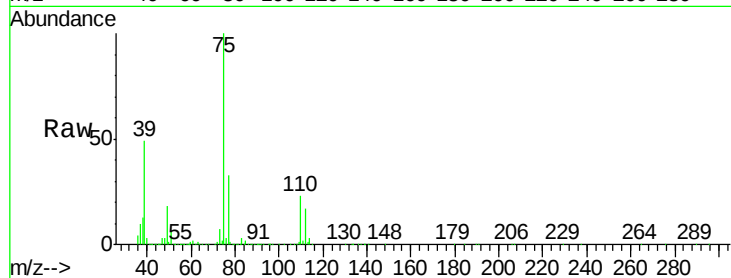




#39
 cis-1,3-Dichloropropene
 Concen: 4.788 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

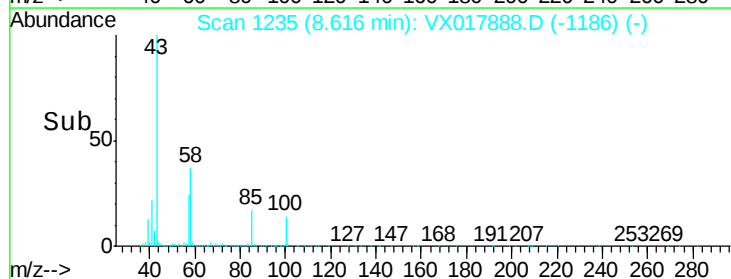
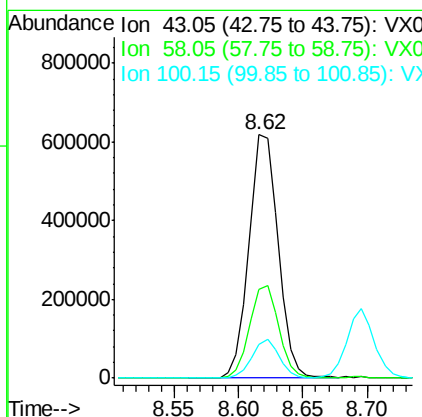
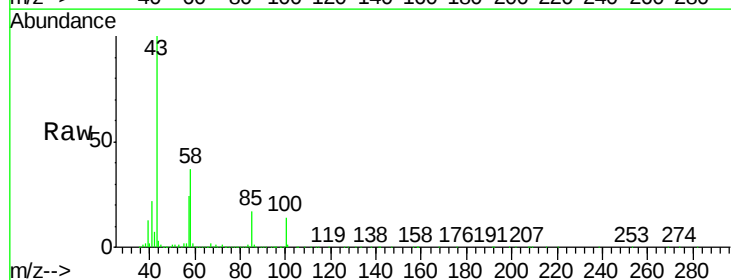
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

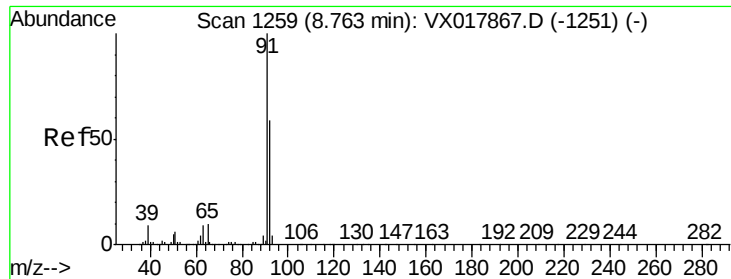
Tgt Ion: 75 Resp: 232573
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 47.080 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion: 43 Resp: 967080
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.1 46.7
 100 15.0 12.2 18.4





#42

Toluene

Concen: 5.190 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

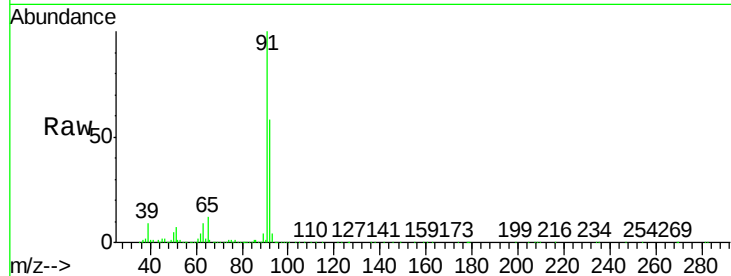
VSTD00574

Tgt Ion: 91 Resp: 706808

Ion Ratio Lower Upper

91 100

92 57.5 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

500000

400000

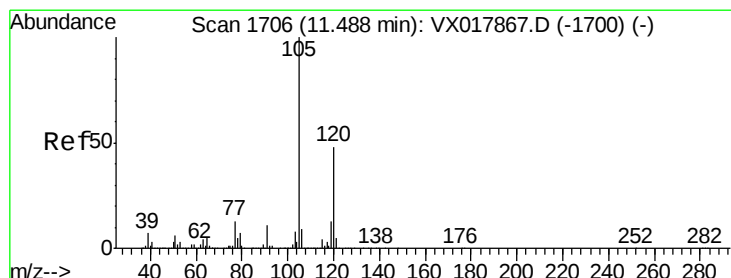
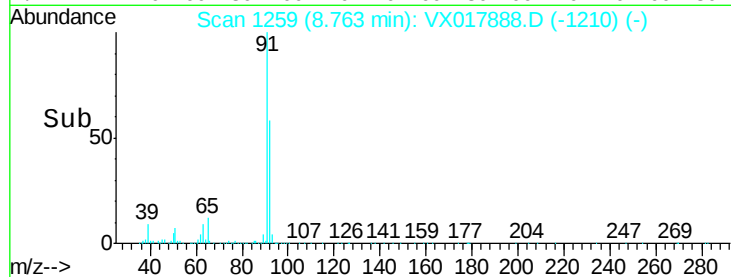
300000

200000

100000

0

Time--> 8.65 8.70 8.75 8.80 8.85



#43

1,3,5-Trimethylbenzene

Concen: 5.121 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017888.D

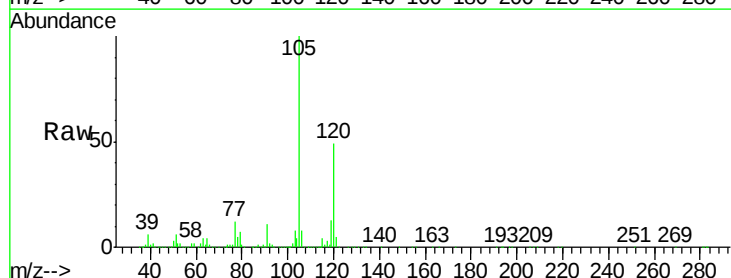
Acq: 14 Aug 2020 09:21

Tgt Ion: 105 Resp: 636641

Ion Ratio Lower Upper

105 100

120 48.3 38.1 57.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

600000

500000

400000

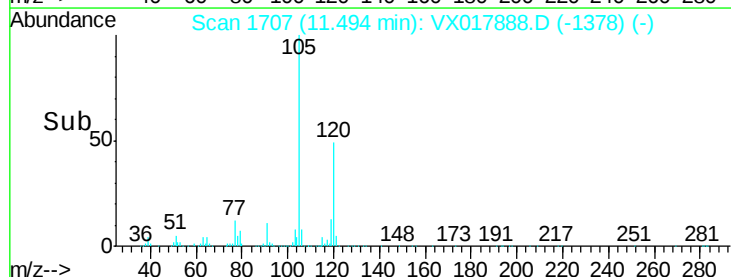
300000

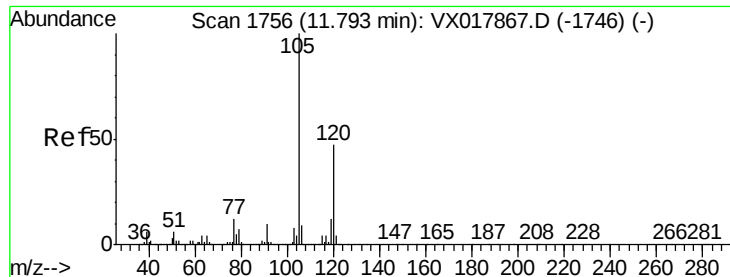
200000

100000

0

Time--> 11.40 11.50 11.60

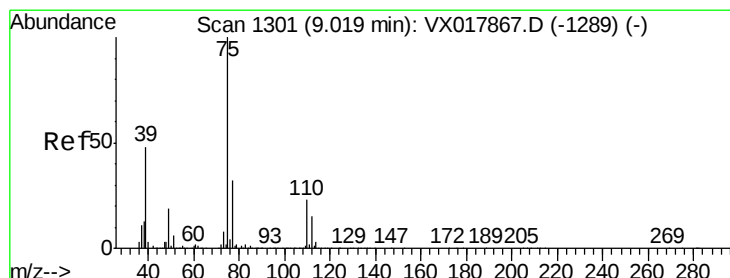
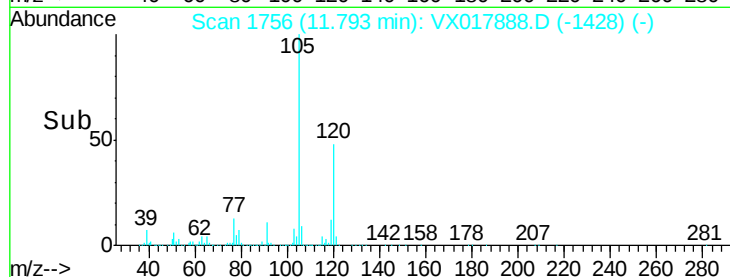
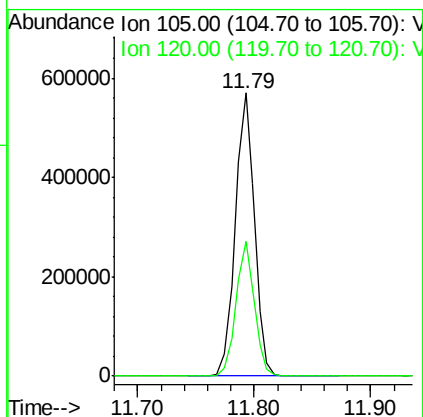
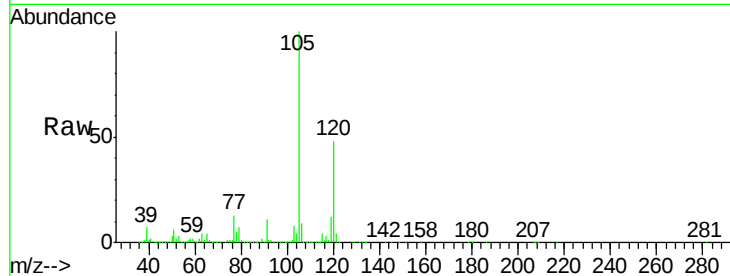




#44
 1,2,4-Trimethylbenzene
 Concen: 5.149 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

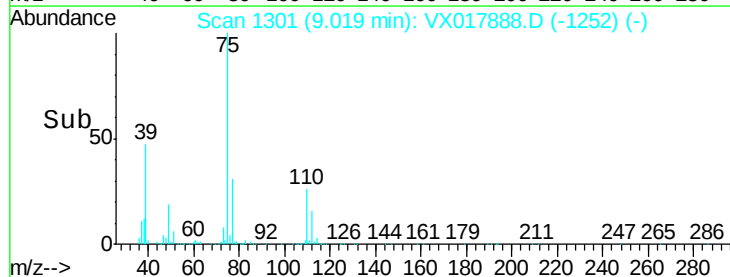
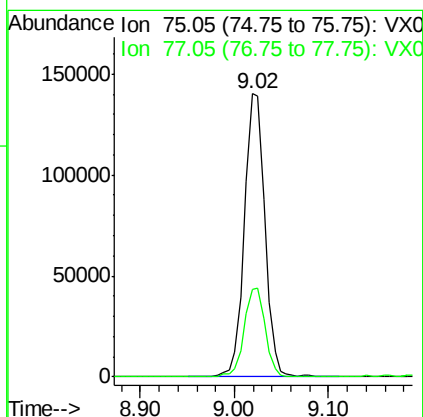
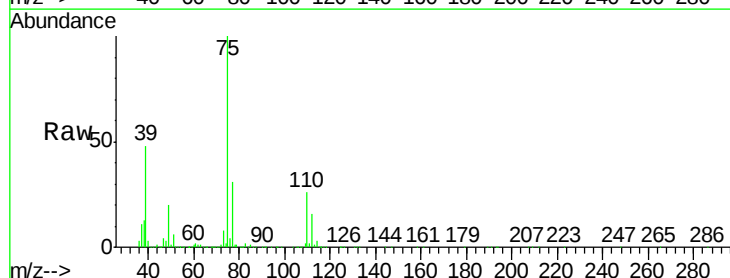
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

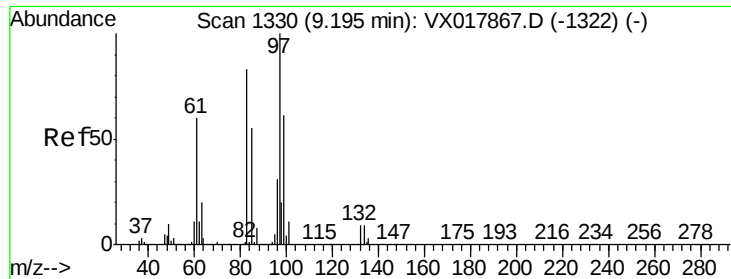
Tgt Ion: 105 Resp: 651873
 Ion Ratio Lower Upper
 105 100
 120 46.1 35.8 53.8



#46
 trans-1,3-Dichloropropene
 Concen: 4.910 ug/L
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion: 75 Resp: 212727
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.2

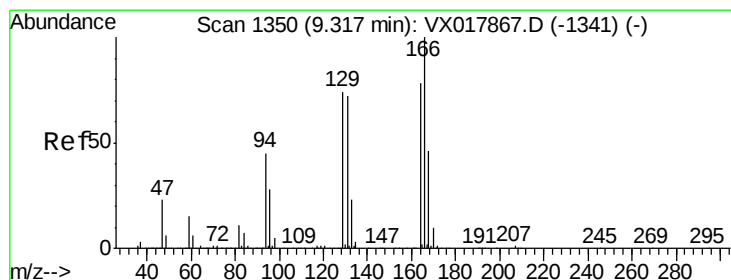
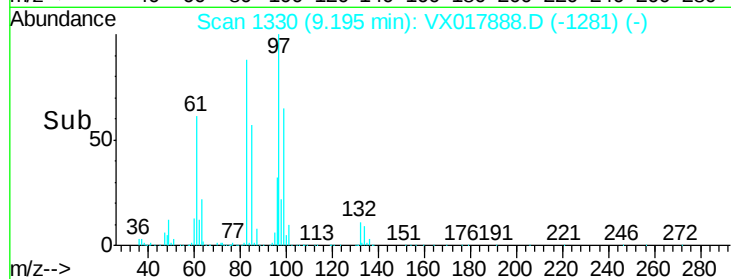
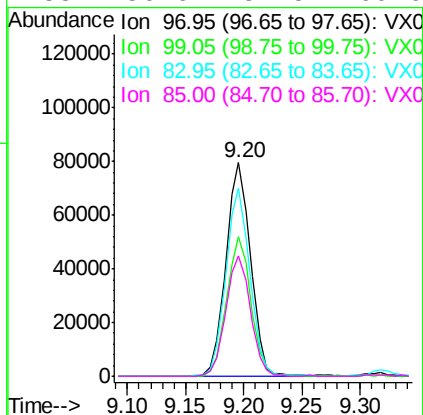
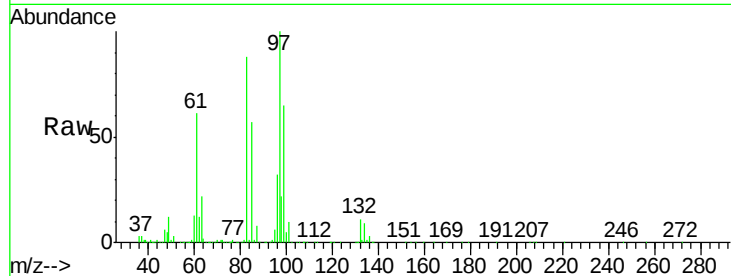




#47
 1,1,2-Trichloroethane
 Concen: 4.957 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

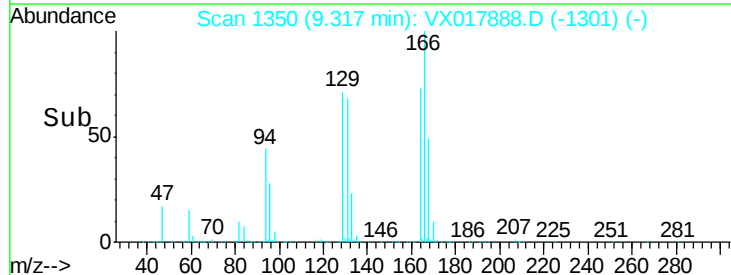
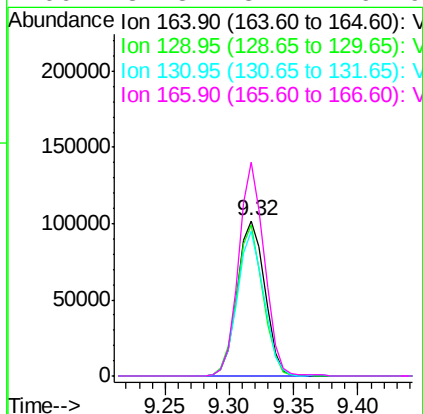
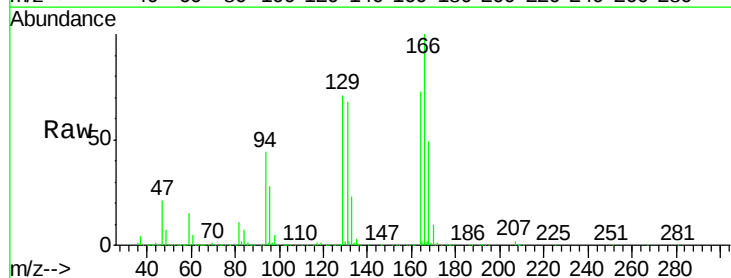
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

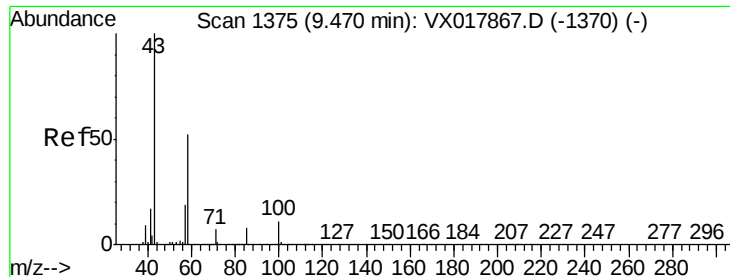
Tgt Ion:	97	Resp:	117343
Ion	Ratio	Lower	Upper
97	100		
99	65.3	43.9	81.5
83	87.9	58.4	108.6
85	56.6	37.5	69.6



#49
 Tetrachloroethene
 Concen: 5.151 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion:	164	Resp:	150929
Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.4	125.2
131	93.2	65.3	121.3
166	137.8	87.2	161.9

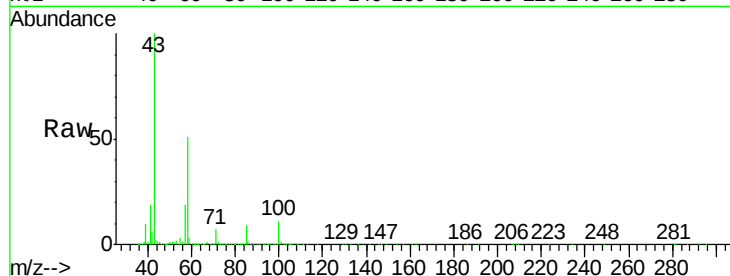




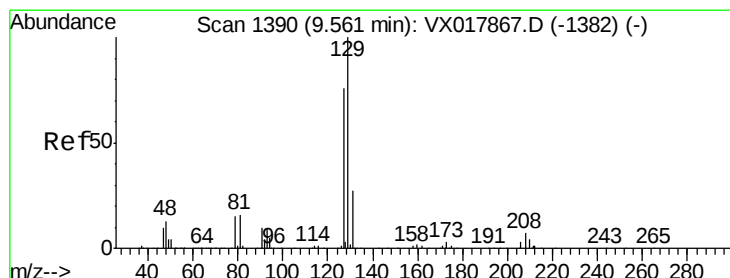
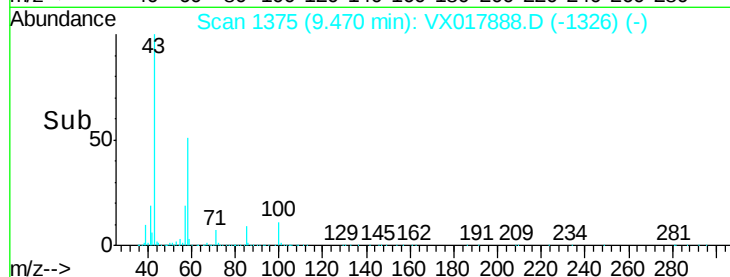
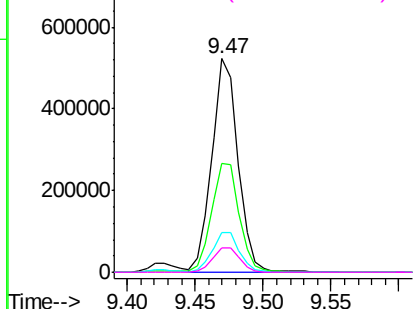
#50
2-Hexanone
Concen: 47.257 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTD00574

Tgt Ion:	43	Resp:	695788
Ion	Ratio	Lower	Upper
43	100		
58	53.5	43.0	64.6
57	19.4	15.0	22.4
100	12.2	9.2	13.8

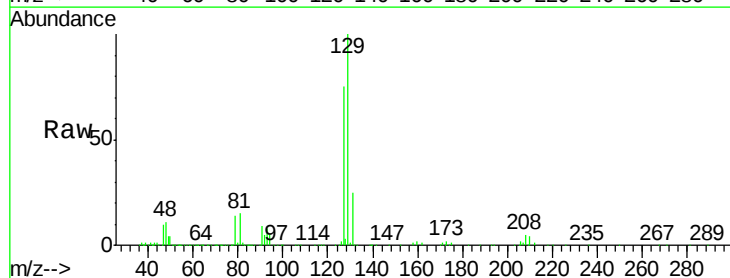


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

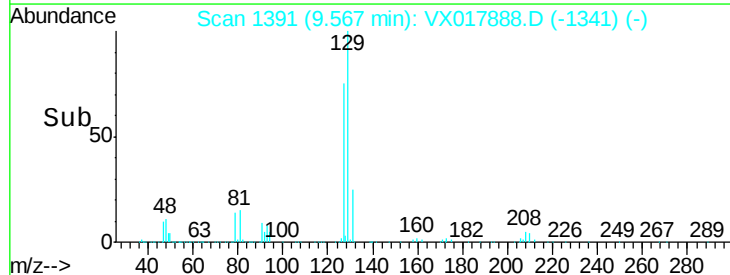
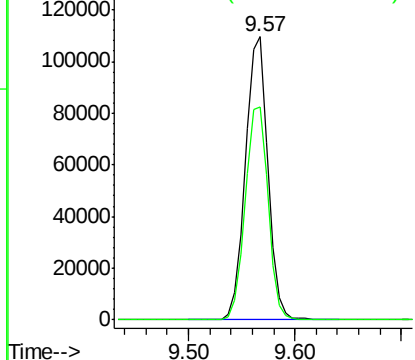


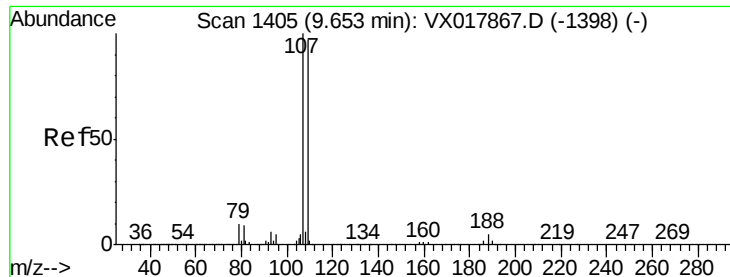
#51
Dibromochloromethane
Concen: 4.990 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion:	129	Resp:	162711
Ion	Ratio	Lower	Upper
129	100		
127	75.3	52.5	97.5



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 4.869 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampled :

VSTD00574

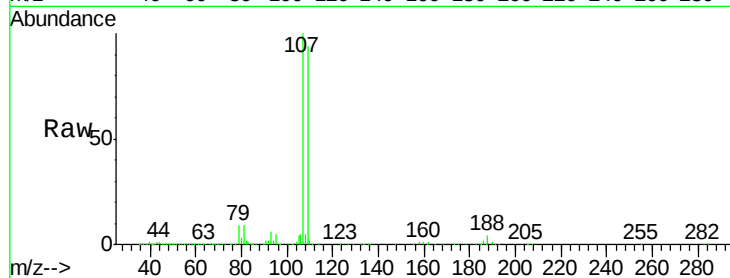
Tgt Ion:107 Resp: 112831

Ion Ratio Lower Upper

107 100

109 93.7 64.6 120.0

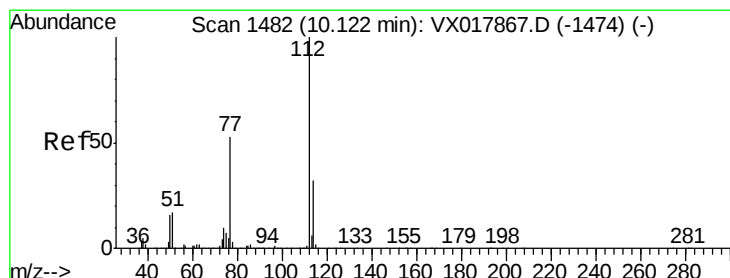
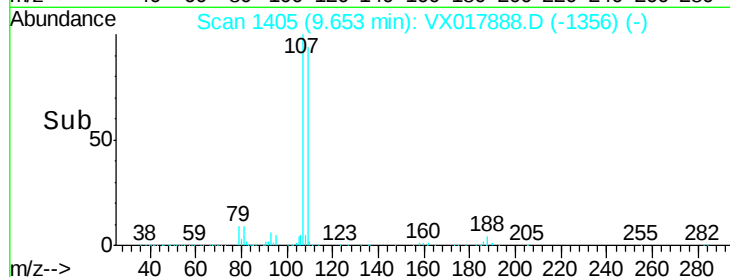
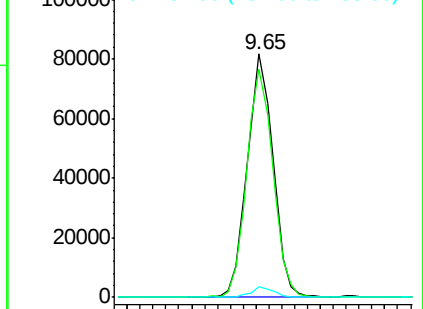
188 4.3 2.5 3.7#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 5.147 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

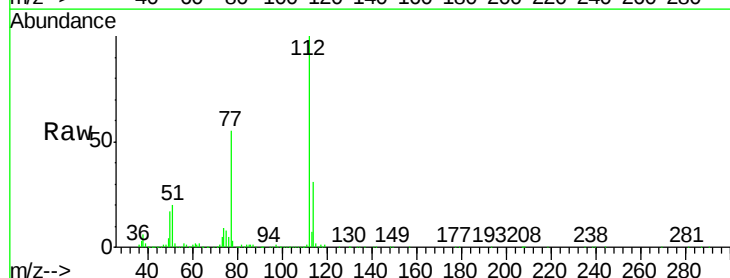
Tgt Ion:112 Resp: 456244

Ion Ratio Lower Upper

112 100

114 31.1 23.5 43.7

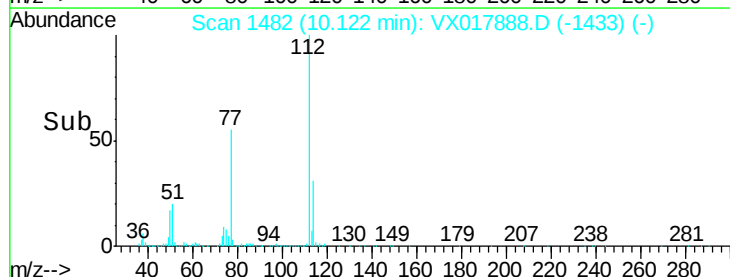
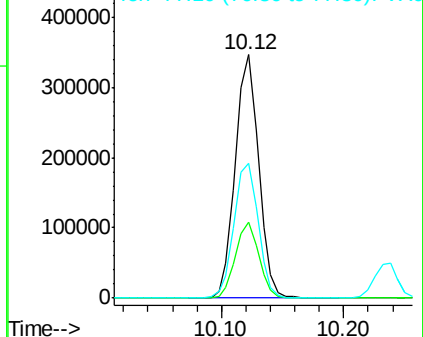
77 55.1 46.7 70.1

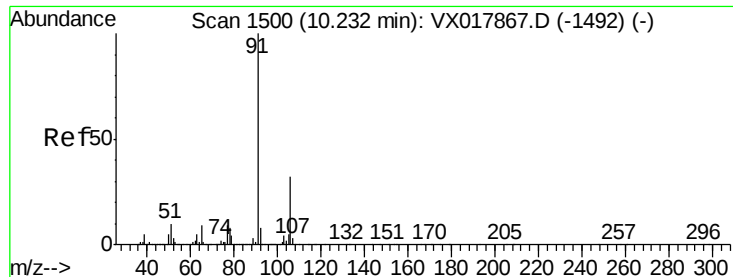


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 4.984 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

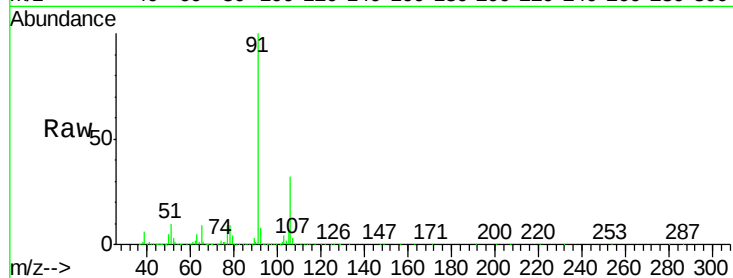
VSTD00574

Tgt Ion: 91 Resp: 740798

Ion Ratio Lower Upper

91 100

106 32.1 22.5 41.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

600000

500000

400000

300000

200000

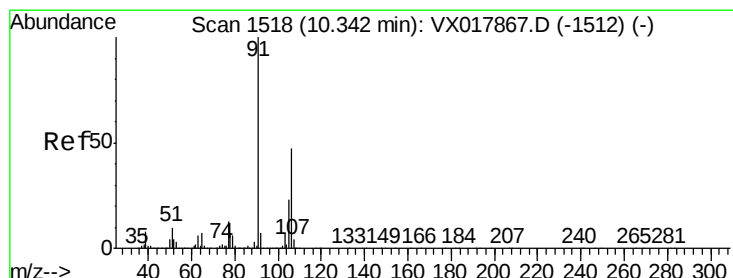
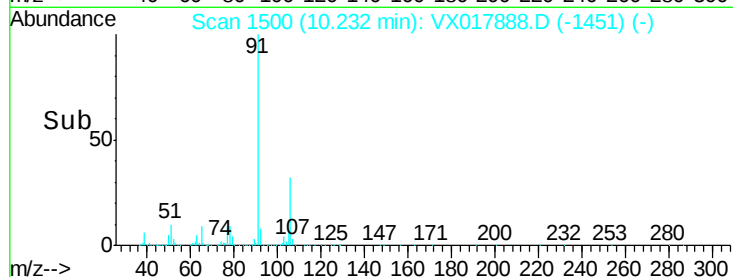
100000

0

10.20

10.30

Time-->



#55

m,p-xylene

Concen: 5.292 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017888.D

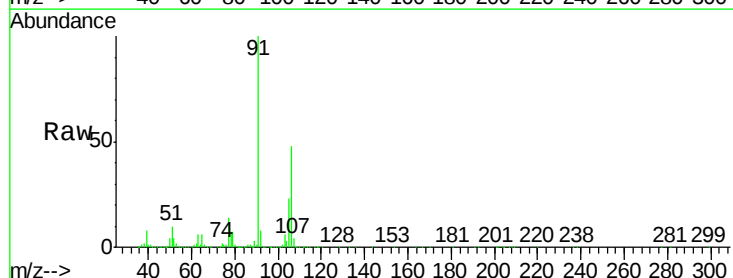
Acq: 14 Aug 2020 09:21

Tgt Ion: 106 Resp: 300314

Ion Ratio Lower Upper

106 100

91 208.1 143.3 266.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

600000

500000

400000

300000

200000

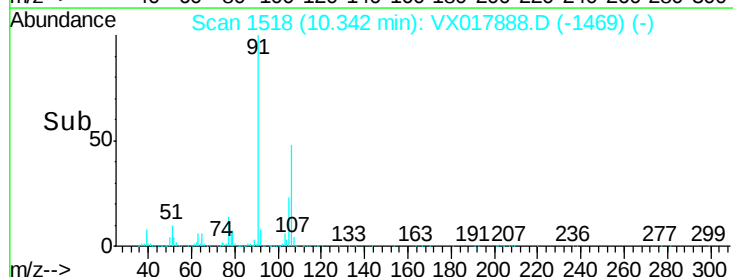
100000

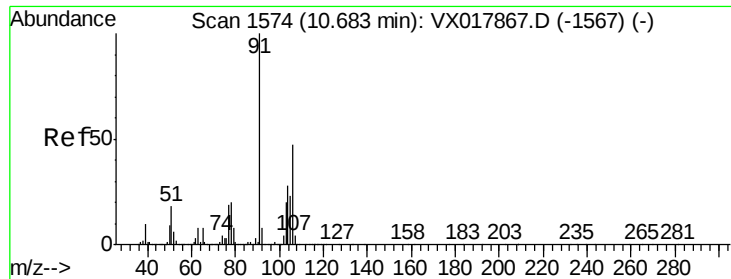
0

10.30

10.40

Time-->

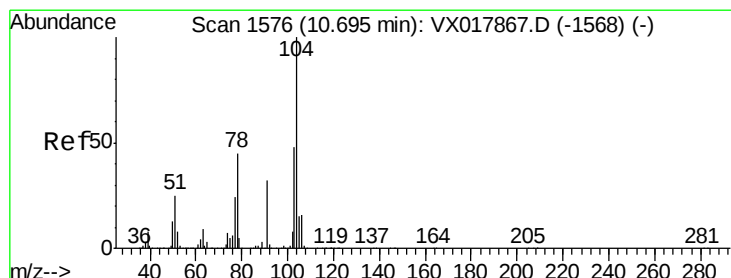
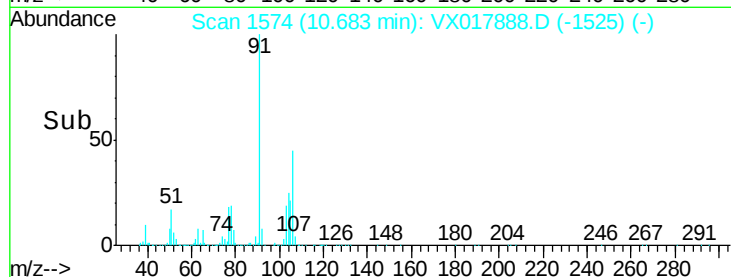
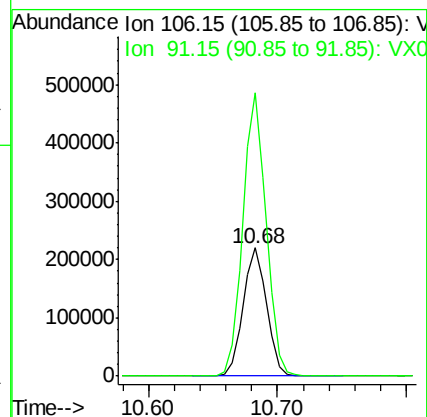
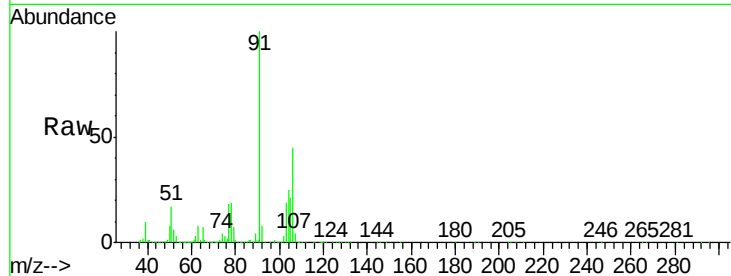




#56
o-xylene
Concen: 5.052 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

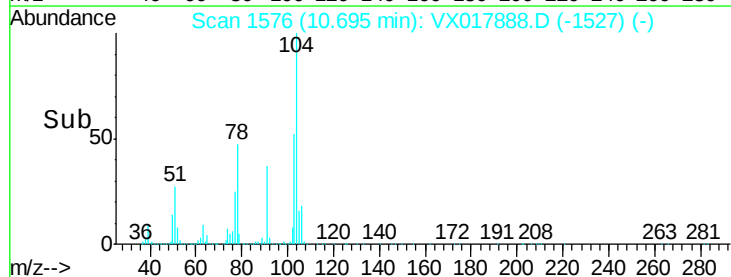
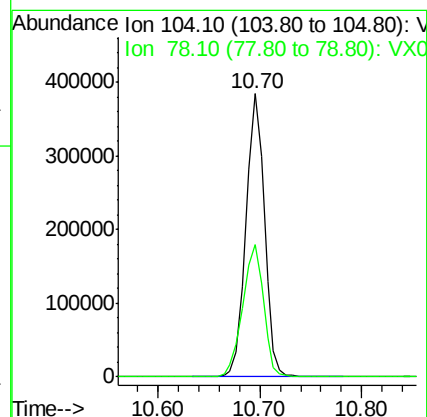
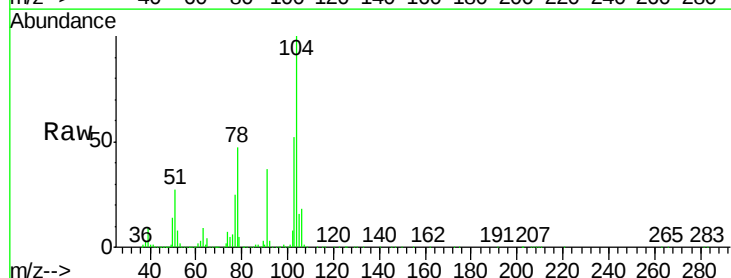
Instrument :
MSVOA_X
ClientSampled :
VSTD00574

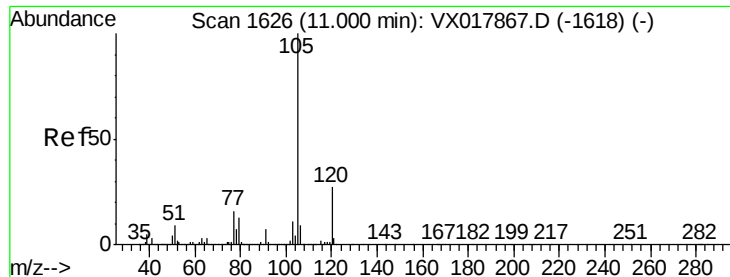
Tgt Ion:106 Resp: 277979
Ion Ratio Lower Upper
106 100
91 220.9 149.8 278.2



#57
Styrene
Concen: 5.184 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017888.D
Acq: 14 Aug 2020 09:21

Tgt Ion:104 Resp: 482361
Ion Ratio Lower Upper
104 100
78 46.8 33.7 62.5





#58

Isopropylbenzene

Concen: 5.211 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

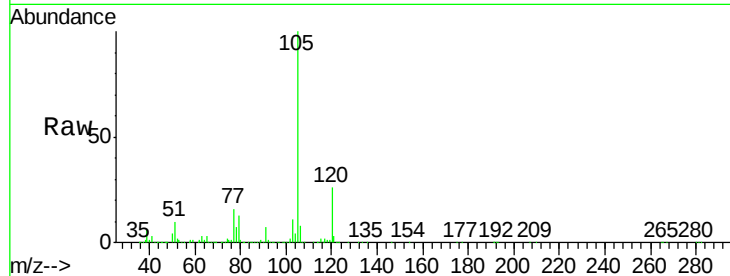
Instrument :

MSVOA_X

ClientSampleId :

VSTD00574

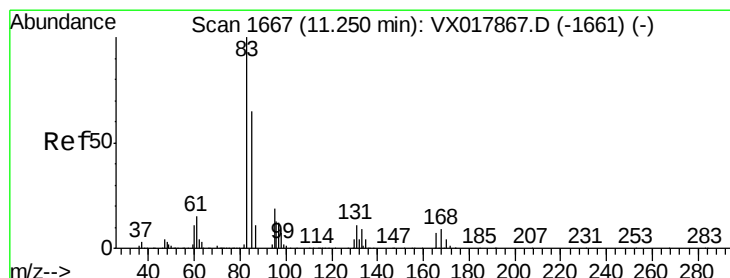
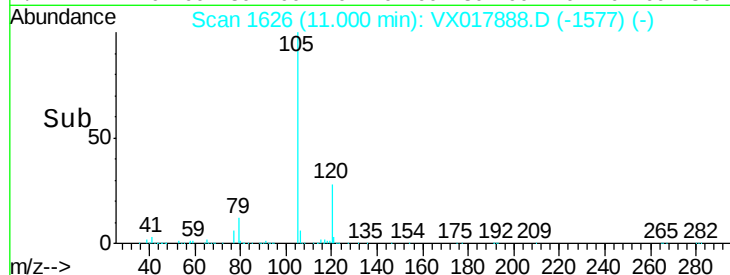
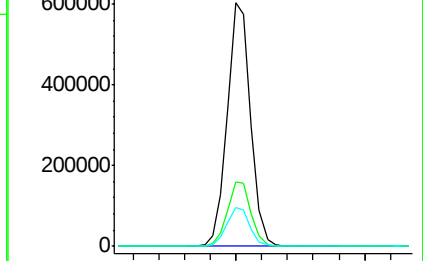
Tgt Ion:	105	Resp:	767562
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.8	32.6
77	15.9	12.8	19.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 4.873 ug/L

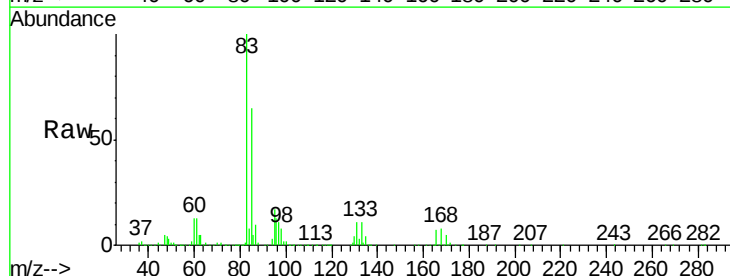
RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

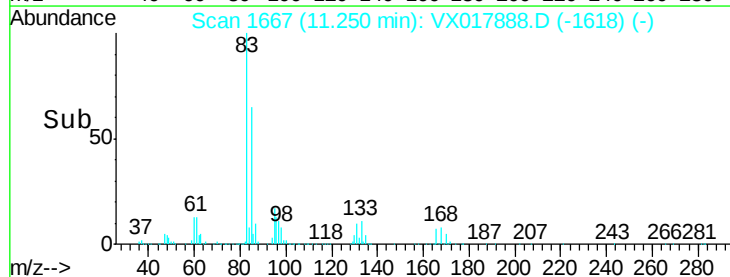
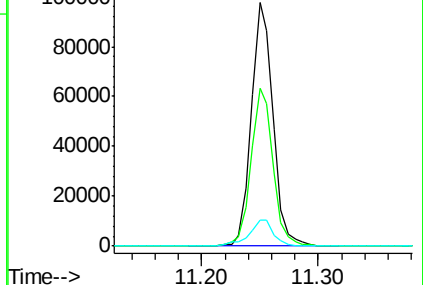
Tgt Ion:	83	Resp:	126705
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.6	82.8
131	10.5	8.2	12.2

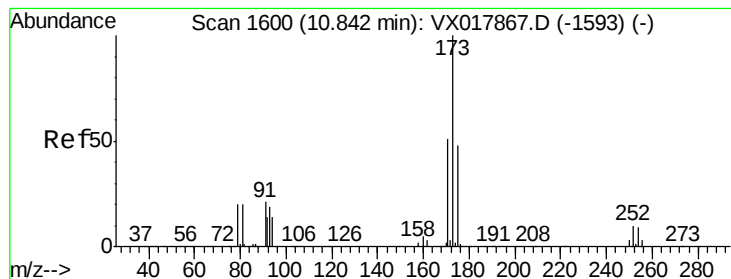


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.191 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampled :

VSTD00574

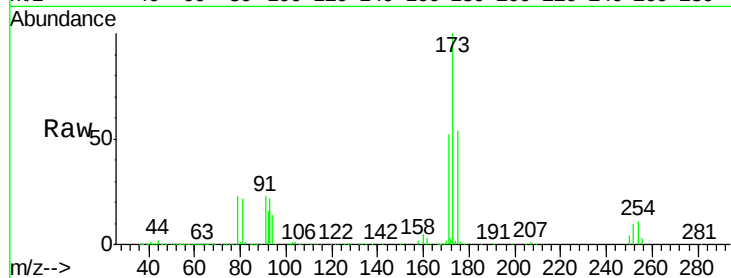
Tgt Ion:173 Resp: 93609

Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

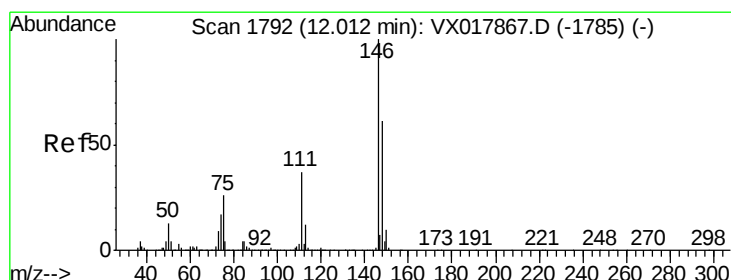
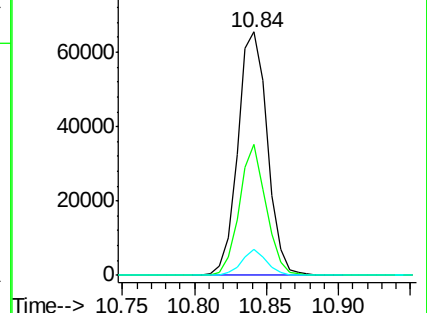
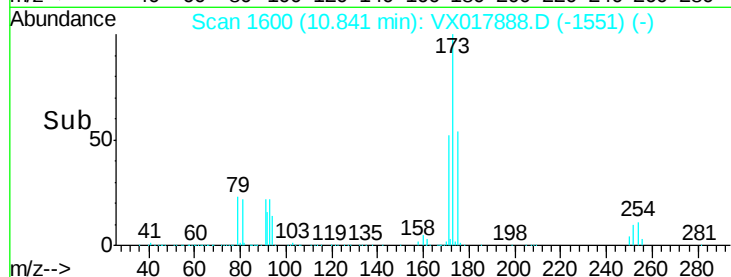
254 9.0 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 5.279 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

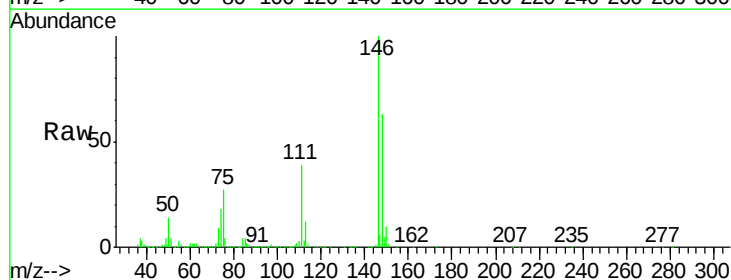
Tgt Ion:146 Resp: 370698

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.4

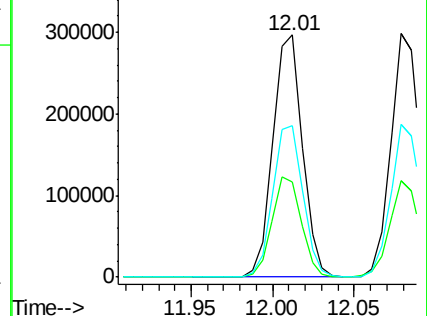
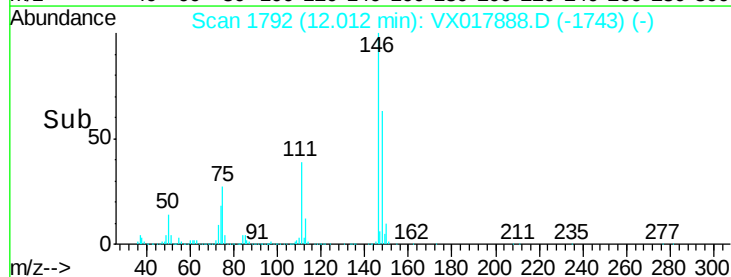
148 62.5 43.9 81.5

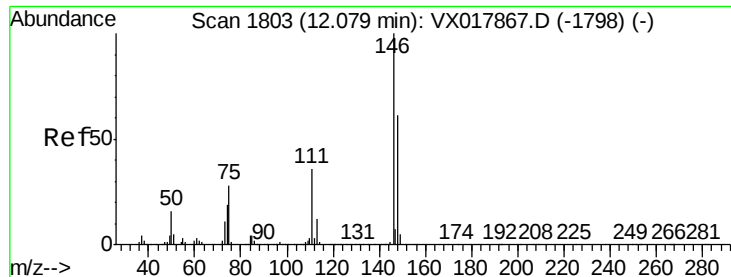


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

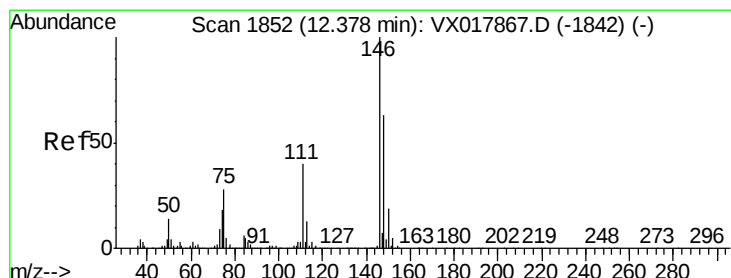
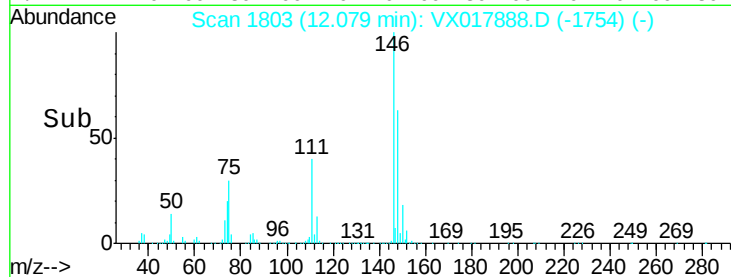
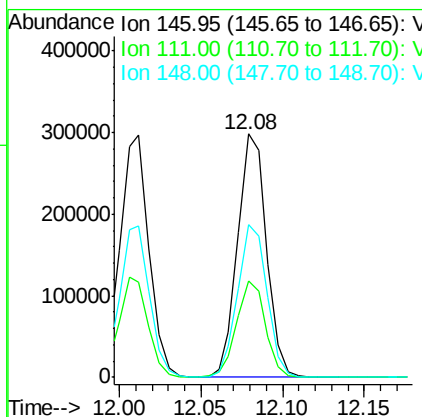
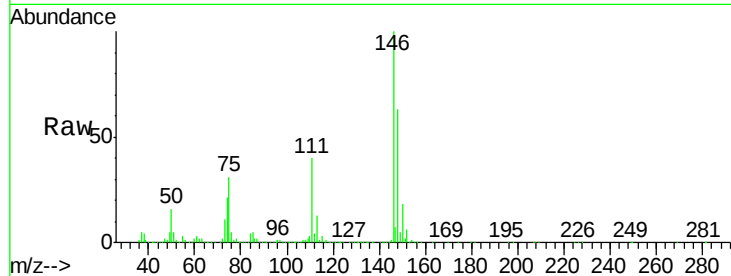




#64
 1,4-Dichlorobenzene
 Concen: 5.283 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

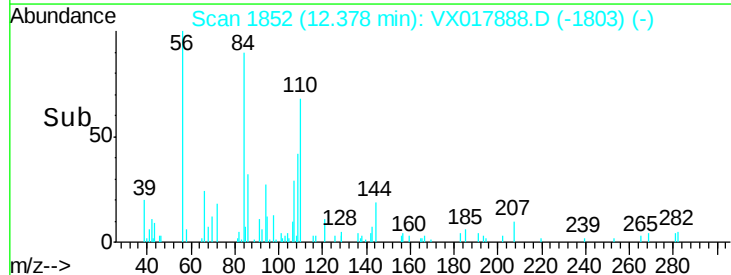
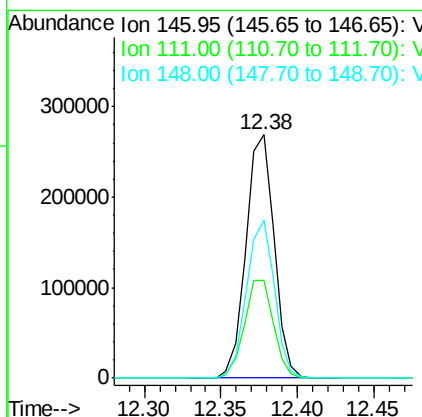
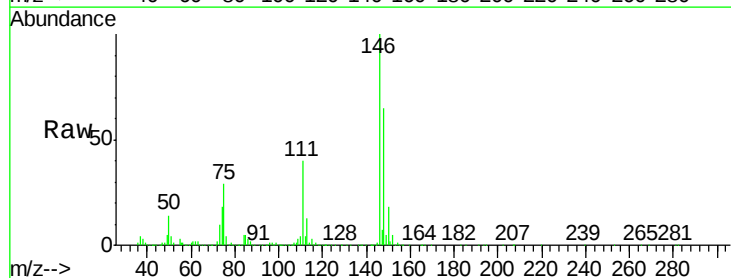
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

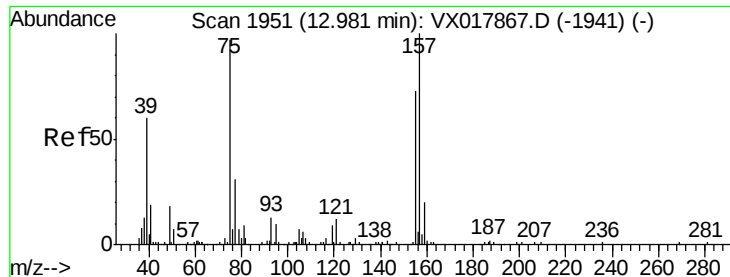
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.0	48.2
148	62.9	43.2	80.2



#66
 1,2-Dichlorobenzene
 Concen: 5.273 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.2	48.4
148	64.8	52.3	78.5





#67

1,2-Dibromo-3-chloropropane

Concen: 4.859 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00574

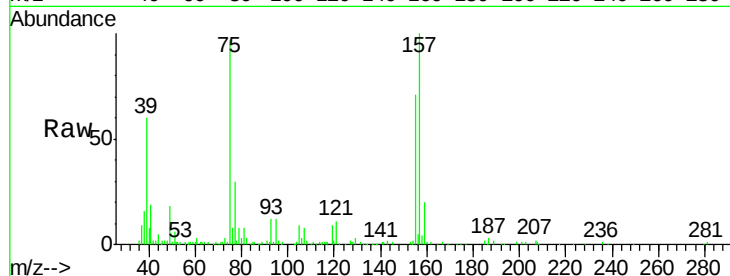
Tgt Ion: 75 Resp: 27535

Ion Ratio Lower Upper

75 100

155 73.4 60.9 91.3

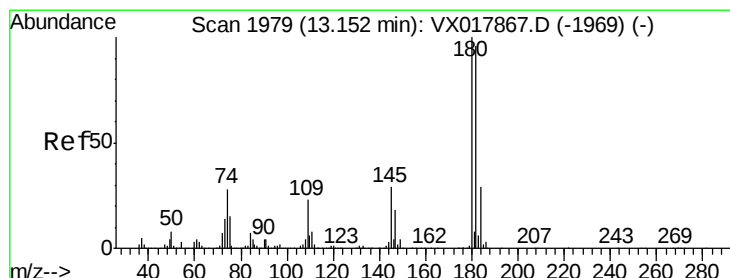
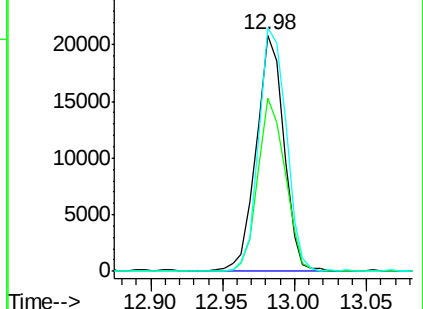
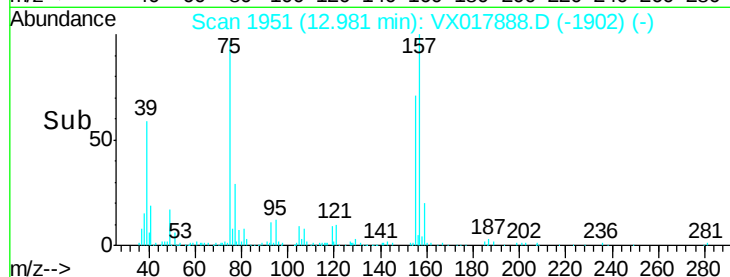
157 103.0 83.3 124.9



Abundance Ion 75.05 (74.75 to 75.75): VX017888.D (-1902) (-)

Ion 154.95 (154.65 to 155.65): VX017888.D (-1902) (-)

Ion 156.90 (156.60 to 157.60): VX017888.D (-1902) (-)



#68

1,3,5-Trichlorobenzene

Concen: 5.258 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017888.D

Acq: 14 Aug 2020 09:21

Tgt Ion: 180 Resp: 272667

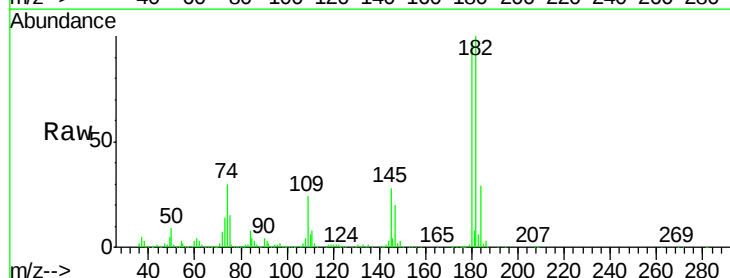
Ion Ratio Lower Upper

180 100

182 99.8 80.2 120.4

184 31.5 24.9 37.3

145 30.2 25.1 37.7

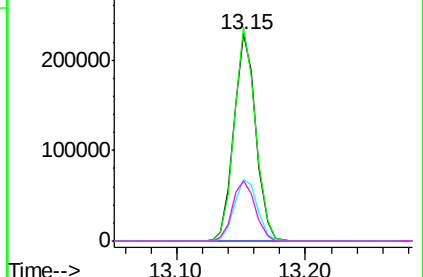
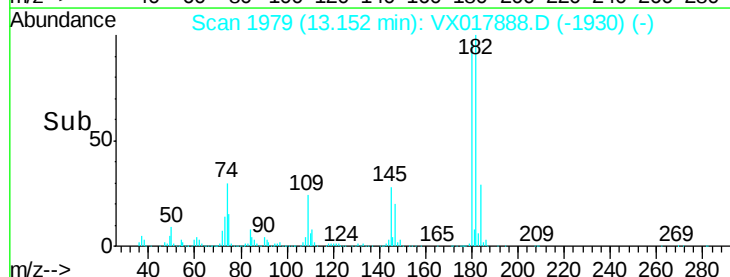


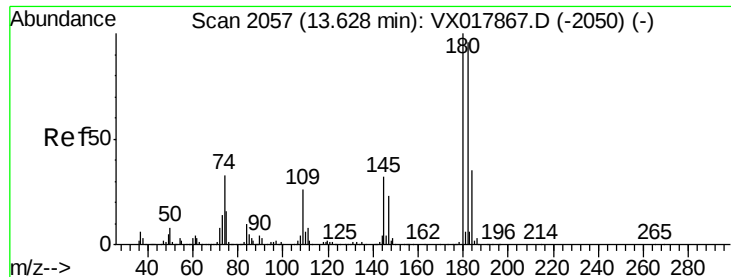
Abundance Ion 180.00 (179.70 to 180.70): VX017888.D (-1930) (-)

Ion 182.00 (181.70 to 182.70): VX017888.D (-1930) (-)

Ion 184.00 (183.70 to 184.70): VX017888.D (-1930) (-)

Ion 145.00 (144.70 to 145.70): VX017888.D (-1930) (-)

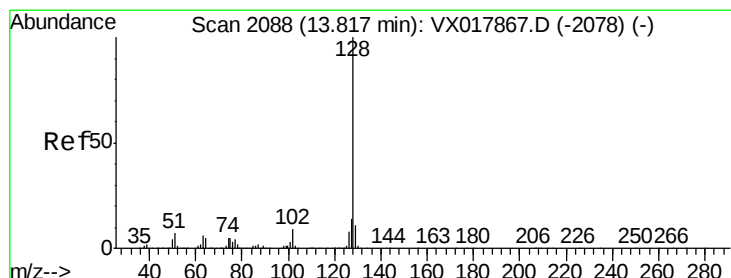
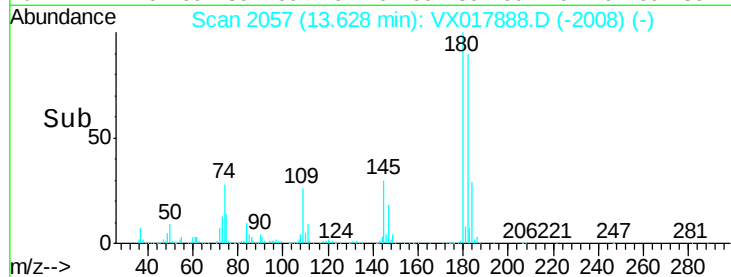
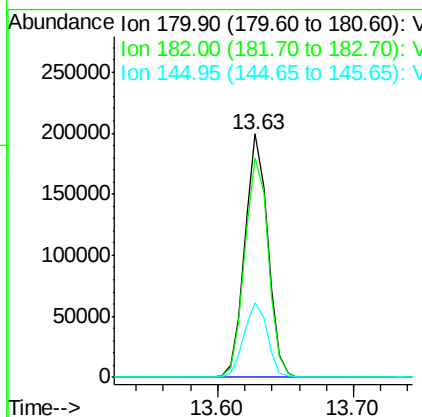
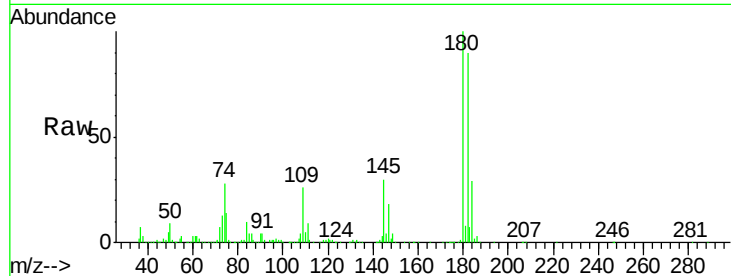




#69
 1,2,4-trichlorobenzene
 Concen: 5.138 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

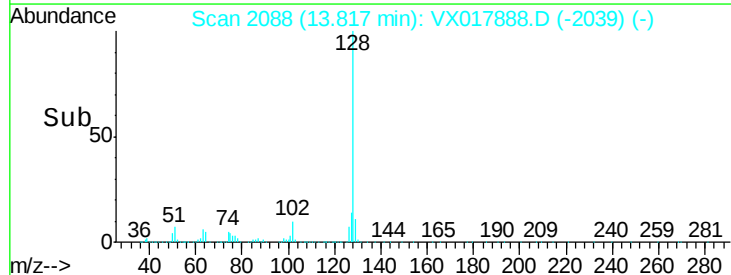
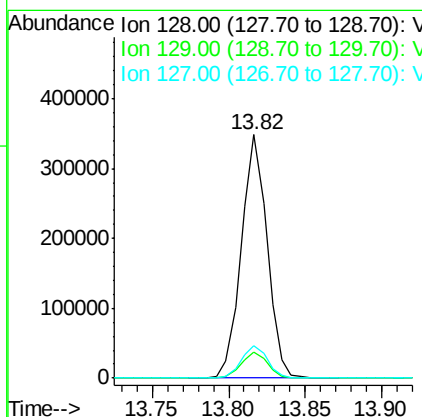
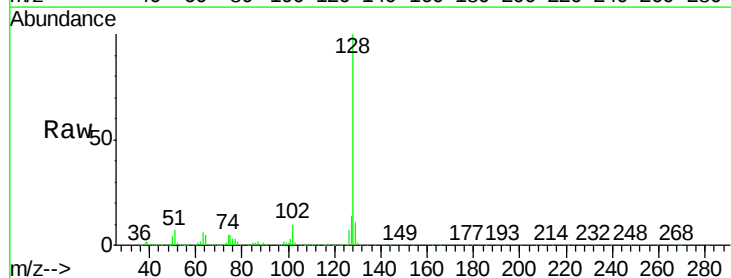
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00574

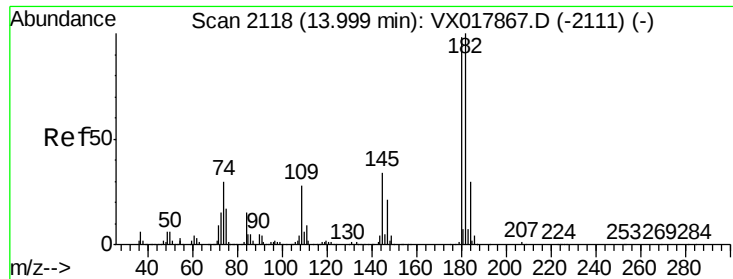
Tgt Ion:180 Resp: 235871
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.5 114.7
 145 31.3 25.4 38.0



#70
 Naphthalene
 Concen: 4.838 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Tgt Ion:128 Resp: 408077
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 13.5 11.0 16.4

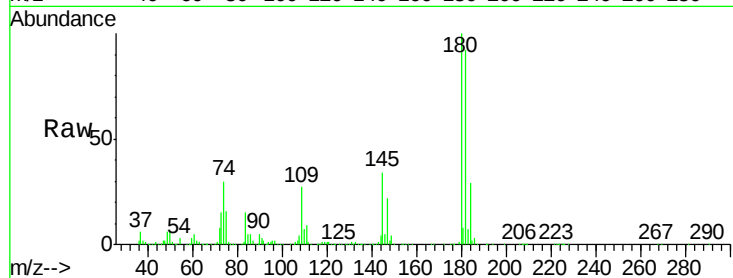




#71
 1,2,3-Trichlorobenzene
 Concen: 5.248 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX017888.D
 Acq: 14 Aug 2020 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.4	113.0
145	31.8	27.4	41.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

