

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080520\
 Data File : VX017787.D
 Acq On : 05 Aug 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 02:40:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	530157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	779023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	737844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	388517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	350526	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
35) Dibromofluoromethane	5.46	113	270223	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
50) Toluene-d8	8.70	98	936374	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.12	95	388068	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	231937	47.096	ug/l	99
3) Chloromethane	1.32	50	282724	43.193	ug/l	100
4) Vinyl Chloride	1.39	62	280760	42.084	ug/l	98
5) Bromomethane	1.62	94	162924	45.140	ug/l	98
6) Chloroethane	1.70	64	176548	47.960	ug/l	98
7) Trichlorofluoromethane	1.91	101	479271	45.674	ug/l	100
8) Diethyl Ether	2.17	74	168215	49.431	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	262530	45.591	ug/l	95
10) Methyl Iodide	2.49	142	308217	41.838	ug/l	96
11) Tert butyl alcohol	3.03	59	349139	243.254	ug/l	99
12) 1,1-Dichloroethene	2.36	96	240069	43.841	ug/l	95
13) Acrolein	2.27	56	213133	195.417	ug/l	100
14) Allyl chloride	2.70	41	479675	47.973	ug/l	96
15) Acrylonitrile	3.12	53	849075	273.891	ug/l	99
16) Acetone	2.42	43	772305	257.661	ug/l	97
17) Carbon Disulfide	2.55	76	663562	39.868	ug/l	99
18) Methyl Acetate	2.75	43	402468	57.013	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	943586	49.785	ug/l	100
20) Methylene Chloride	2.83	84	288653	51.163	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280153	47.756	ug/l	98
22) Diisopropyl ether	3.82	45	888663	48.607	ug/l	92
23) Vinyl Acetate	3.79	43	4103479	251.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	523491	49.706	ug/l	98
25) 2-Butanone	4.64	43	1156375	271.573	ug/l	96
26) 2,2-Dichloropropane	4.55	77	464300	49.250	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	304381	47.771	ug/l	99
28) Bromochloromethane	4.98	49	247156	51.786	ug/l	99
29) Tetrahydrofuran	5.09	42	767038	290.814	ug/l	98
30) Chloroform	5.18	83	574441	53.381	ug/l	100
31) Cyclohexane	5.54	56	388499	46.258	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	494567	48.737	ug/l	99
36) 1,1-Dichloropropene	5.76	75	368054	49.261	ug/l	99
37) Ethyl Acetate	4.80	43	462268	56.547	ug/l	99
38) Carbon Tetrachloride	5.75	117	448033	49.380	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	406941	46.656	ug/l	96
40) Benzene	6.11	78	1048393	48.943	ug/l	97
41) Methacrylonitrile	5.00	41	267019	56.984	ug/l	99
42) 1,2-Dichloroethane	6.16	62	469020	53.521	ug/l	100
43) Isopropyl Acetate	6.42	43	682446	50.596	ug/l	100
44) Trichloroethene	7.18	130	324562	51.847	ug/l	98
45) 1,2-Dichloropropane	7.49	63	285402	48.063	ug/l	99
46) Dibromomethane	7.64	93	220125	52.454	ug/l	99
47) Bromodichloromethane	7.87	83	476969	56.487	ug/l	100
48) Methyl methacrylate	7.74	41	351266	52.537	ug/l	99
49) 1,4-Dioxane	7.72	88	121648	948.989	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2285240	283.953	ug/l	99
52) Toluene	8.76	92	692789	50.431	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	488477	51.678	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	485907	50.398	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	304166	53.151	ug/l	98
56) Ethyl methacrylate	9.16	69	461326	53.508	ug/l	100
57) 1,3-Dichloropropane	9.35	76	501099	53.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1122333	247.086	ug/l	99
59) 2-Hexanone	9.48	43	1649495	272.230	ug/l	99
60) Dibromochloromethane	9.57	129	369278	50.770	ug/l	100
61) 1,2-Dibromoethane	9.65	107	323389	53.079	ug/l	99
64) Tetrachloroethene	9.32	164	334718	50.544	ug/l	99
65) Chlorobenzene	10.12	112	785626	49.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	320267	49.688	ug/l	99
67) Ethyl Benzene	10.24	91	1348429	50.580	ug/l	100
68) m/p-Xylenes	10.34	106	1130817	109.492	ug/l	96
69) o-Xylene	10.68	106	525180	52.872	ug/l	98
70) Styrene	10.70	104	929269	54.986	ug/l	99
71) Bromoform	10.84	173	284153	50.884	ug/l #	97
73) Isopropylbenzene	11.01	105	1473415	55.281	ug/l	100
74) N-amyl acetate	10.88	43	641097	54.137	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	437405	52.577	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	423983m	53.051	ug/l	
77) Bromobenzene	11.24	156	373631	50.074	ug/l	97
78) n-propylbenzene	11.34	91	1640793	54.583	ug/l	99
79) 2-Chlorotoluene	11.40	91	925508	49.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1145011	50.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	166309	52.435	ug/l	97
82) 4-Chlorotoluene	11.49	91	1095920	49.892	ug/l	99
83) tert-Butylbenzene	11.76	119	1086913	49.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1125771	49.738	ug/l	99
85) sec-Butylbenzene	11.93	105	1278202	50.390	ug/l	98
86) p-Isopropyltoluene	12.05	119	1214799	50.290	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	622758	48.602	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	632001	47.618	ug/l	99
89) n-Butylbenzene	12.37	91	1068414	49.637	ug/l	99
90) Hexachloroethane	12.58	117	237592	49.889	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	606121	48.130	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	111072	47.354	ug/l	99

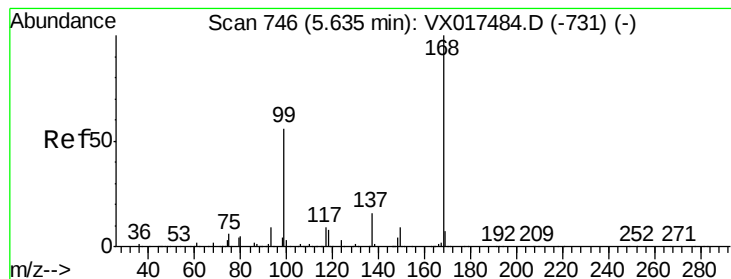
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	450945	52.467	ug/l	99
94) Hexachlorobutadiene	13.77	225	173215	43.782	ug/l	91
95) Naphthalene	13.82	128	1399710	54.554	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	439093	51.741	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

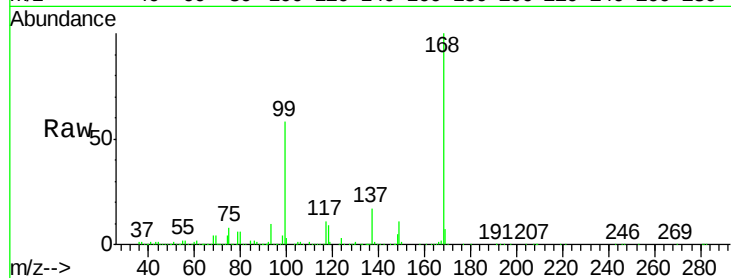
VSTDCCC050

Tot Ion:168 Resp: 530157

Ion Ratio Lower Upper

168 100

99 58.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

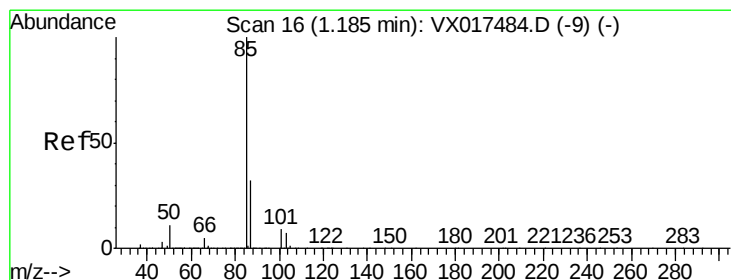
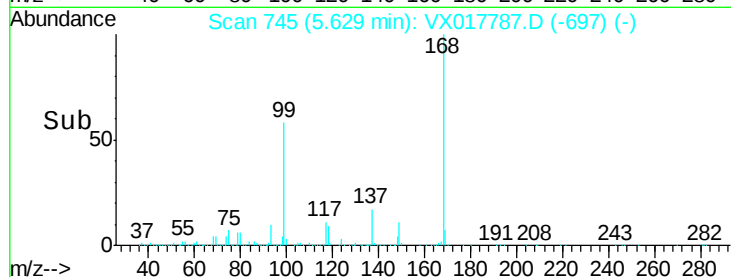
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.096 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017787.D

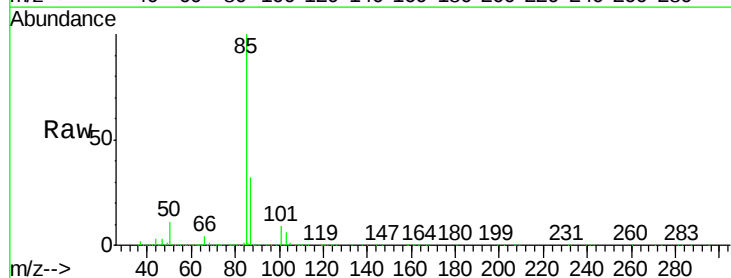
Acq: 05 Aug 2020 09:54

Tgt Ion: 85 Resp: 231937

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

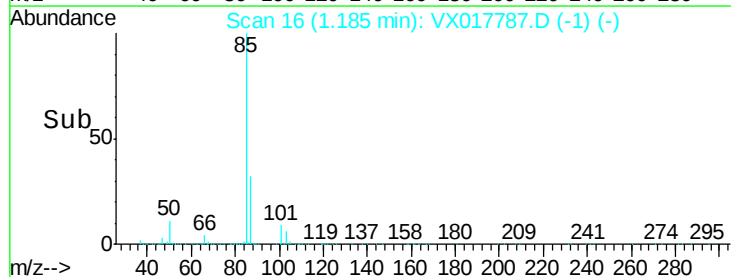
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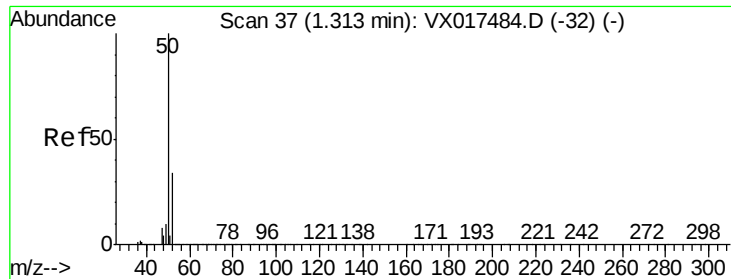
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.193 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

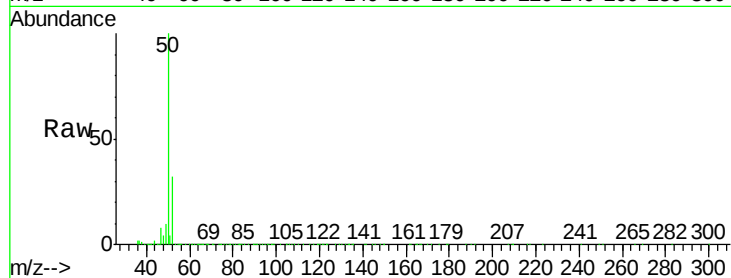
VSTDCCC050

Tot Ion: 50 Resp: 282724

Ion Ratio Lower Upper

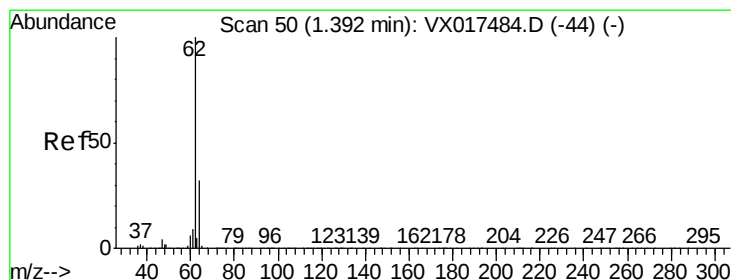
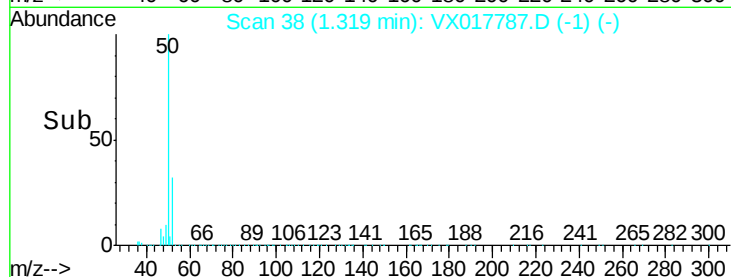
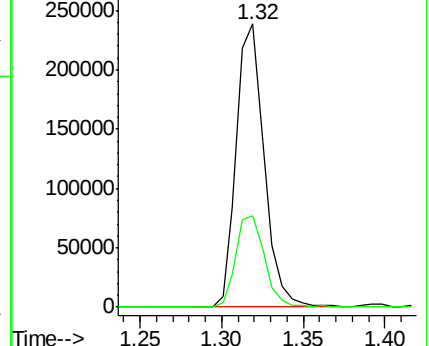
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.084 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017787.D

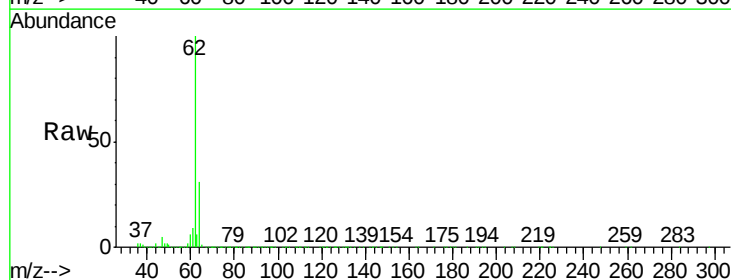
Acq: 05 Aug 2020 09:54

Tgt Ion: 62 Resp: 280760

Ion Ratio Lower Upper

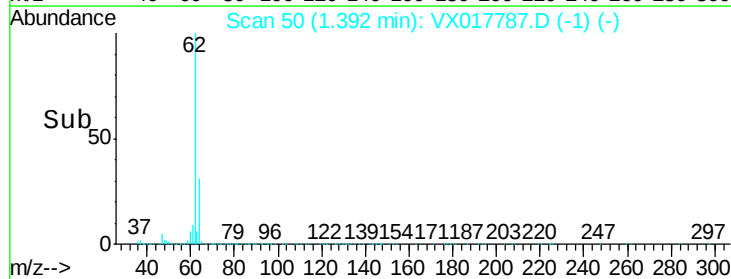
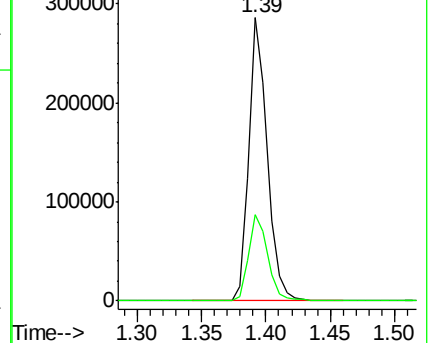
62 100

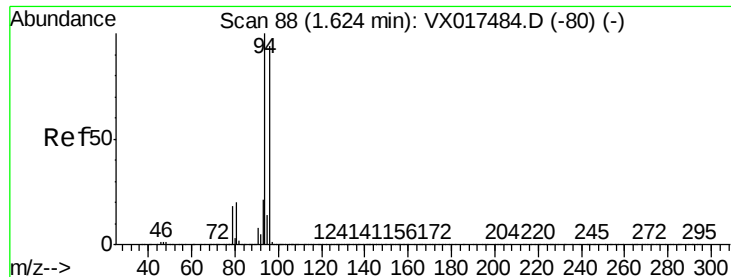
64 30.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.140 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

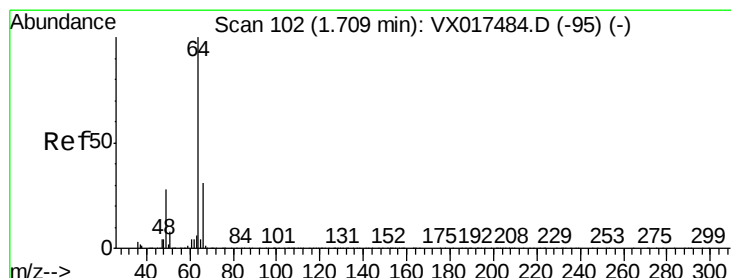
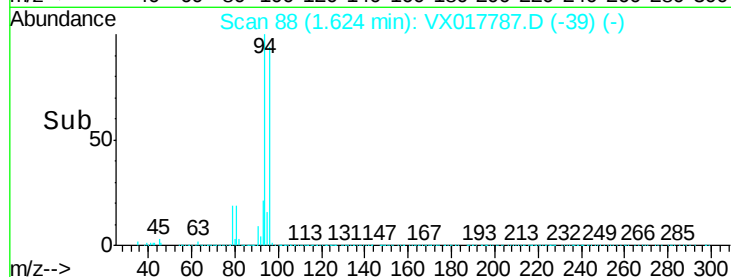
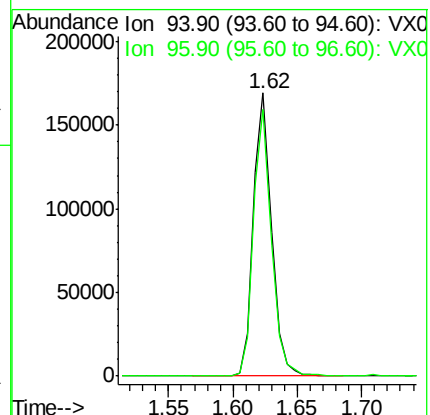
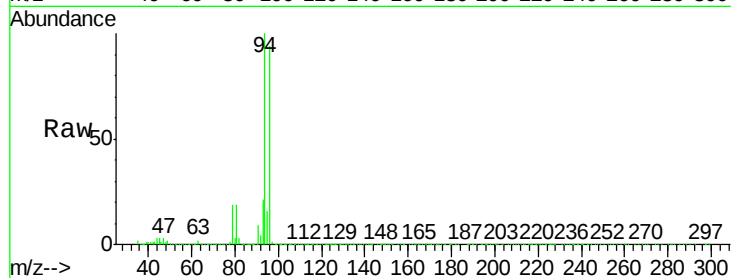
VSTDCCC050

Tot Ion: 94 Resp: 162924

Ion Ratio Lower Upper

94 100

96 94.3 74.1 111.1



#6

Chloroethane

Concen: 47.960 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017787.D

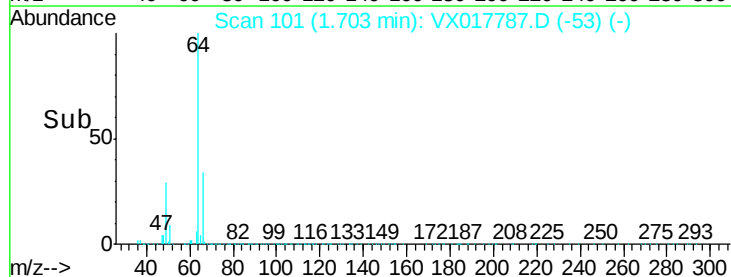
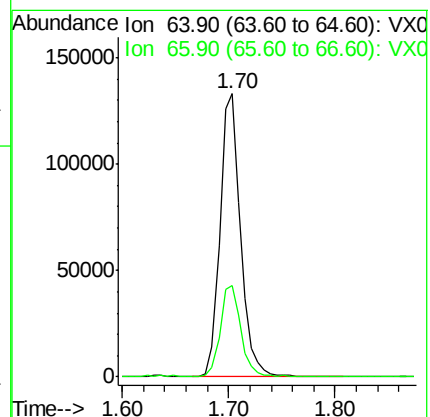
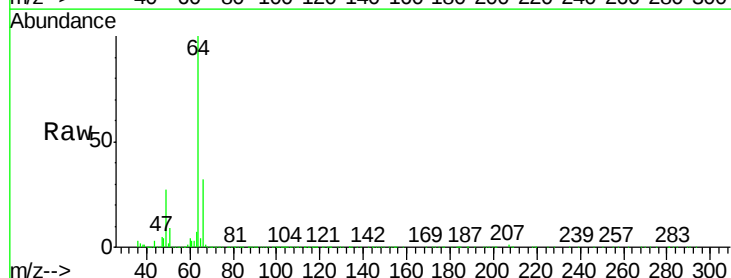
Acq: 05 Aug 2020 09:54

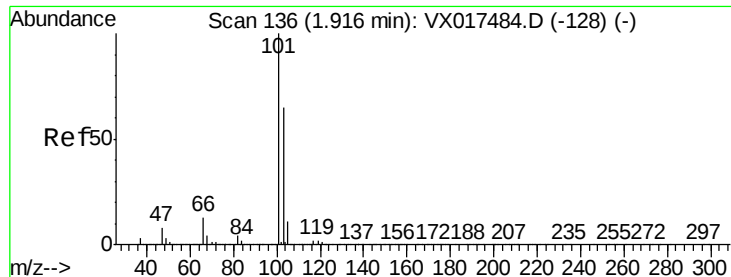
Tgt Ion: 64 Resp: 176548

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



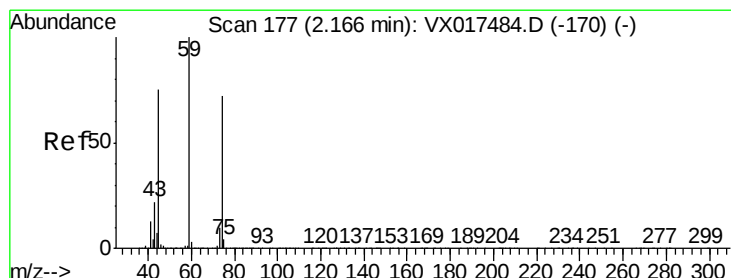
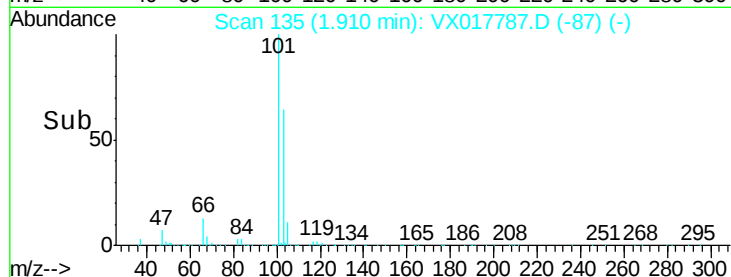
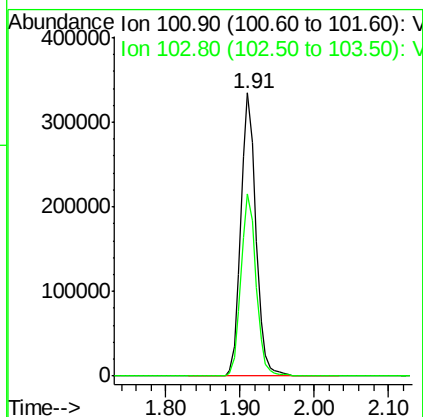
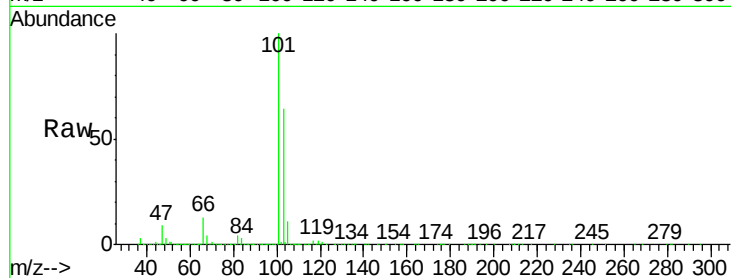


#7

Trichlorofluoromethane
 Concen: 45.674 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

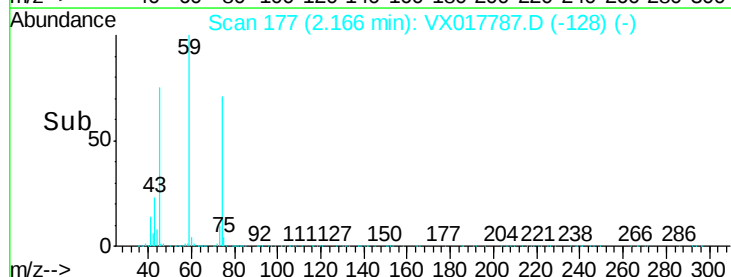
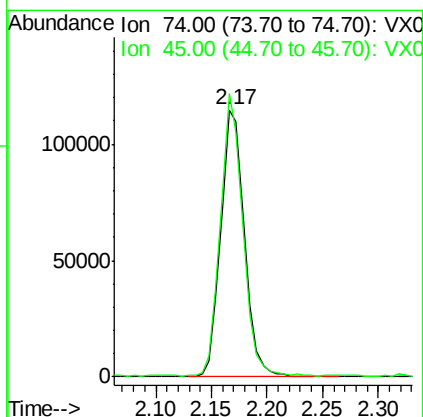
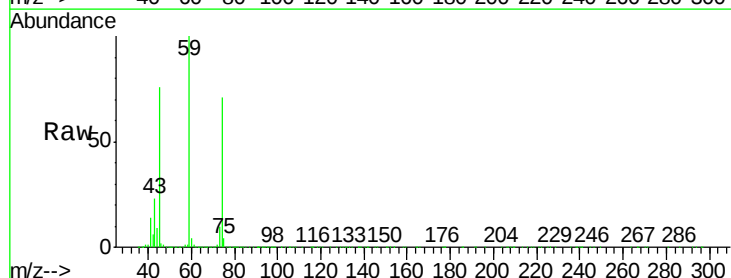
Tot Ion:101 Resp: 479271
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8

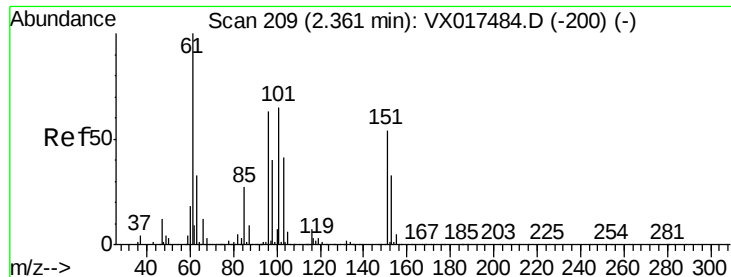


#8

Diethyl Ether
 Concen: 49.431 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion: 74 Resp: 168215
 Ion Ratio Lower Upper
 74 100
 45 100.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.591 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

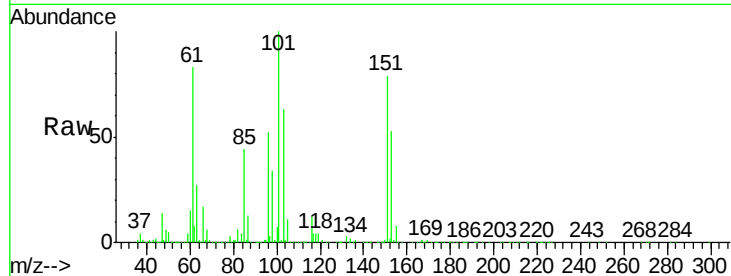
Tot Ion:101 Resp: 262530

Ion Ratio Lower Upper

101 100

85 44.5 34.8 52.2

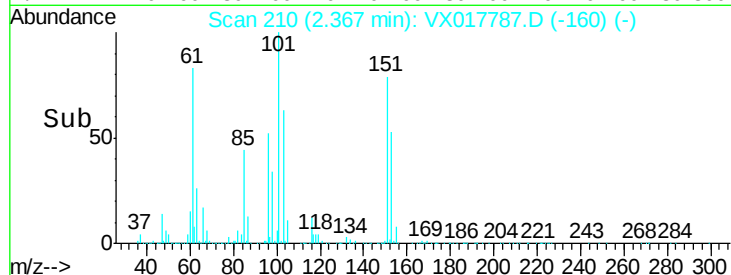
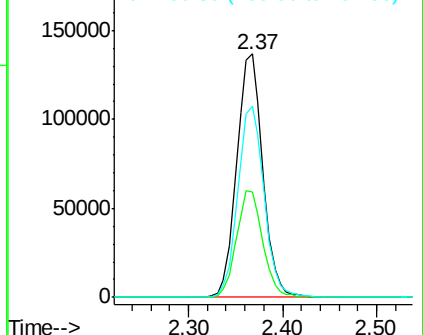
151 79.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.838 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

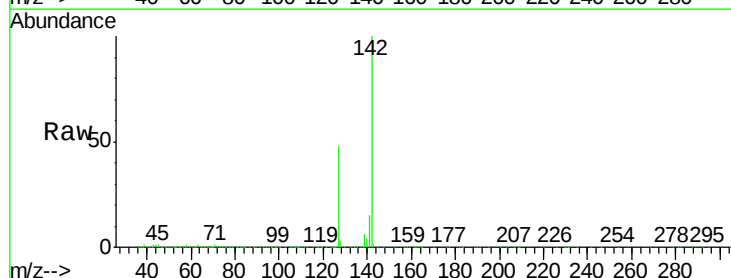
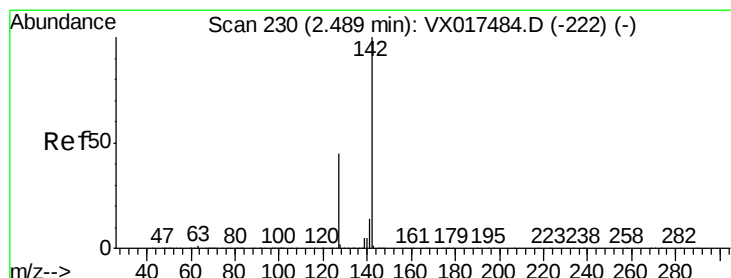
Tgt Ion:142 Resp: 308217

Ion Ratio Lower Upper

142 100

127 48.1 35.9 53.9

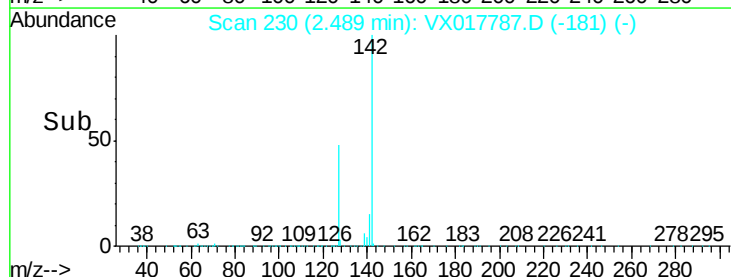
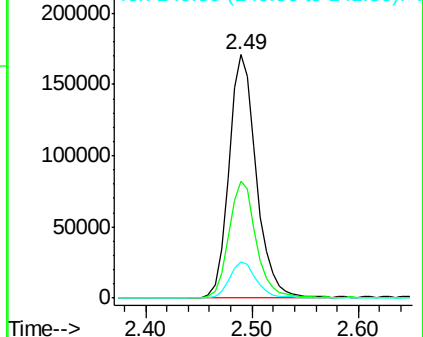
141 14.7 11.4 17.0

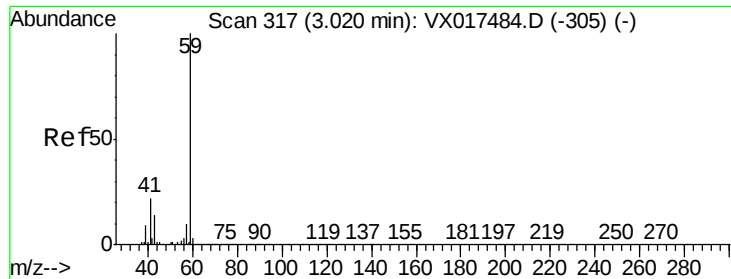


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



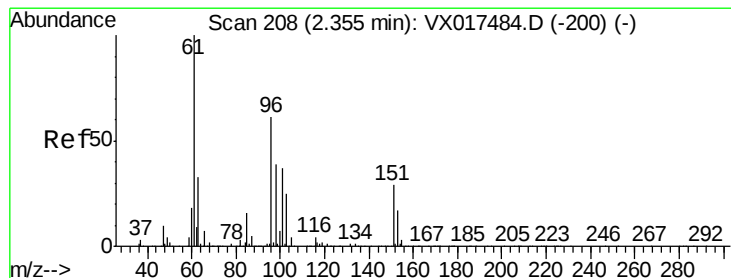
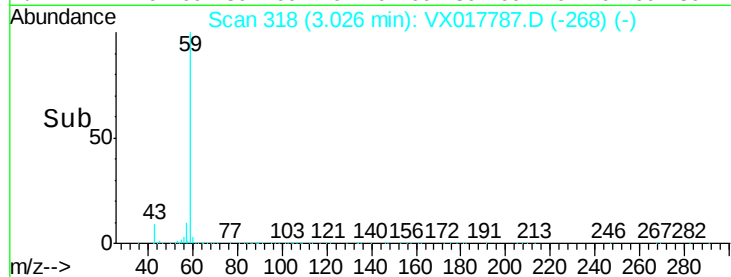
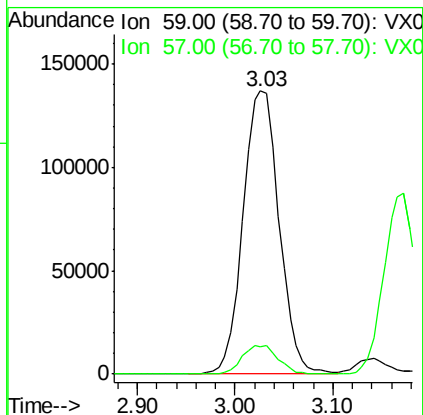
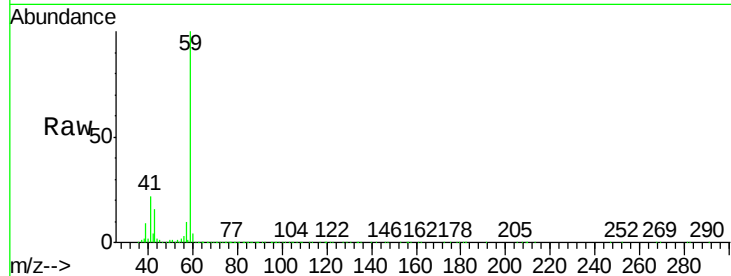


#11

Tert butyl alcohol
 Concen: 243.254 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

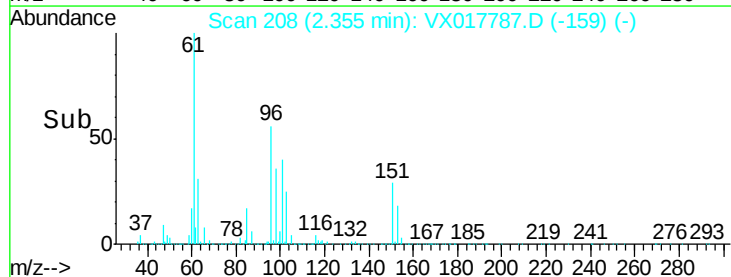
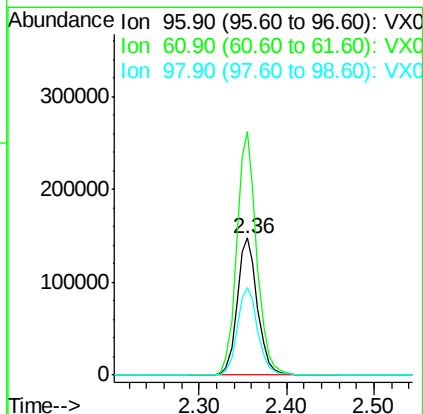
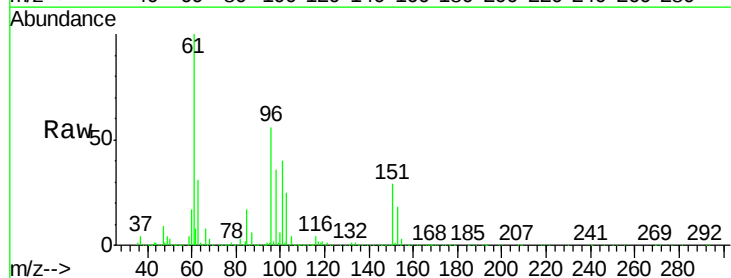
Tot Ion: 59 Resp: 349139
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

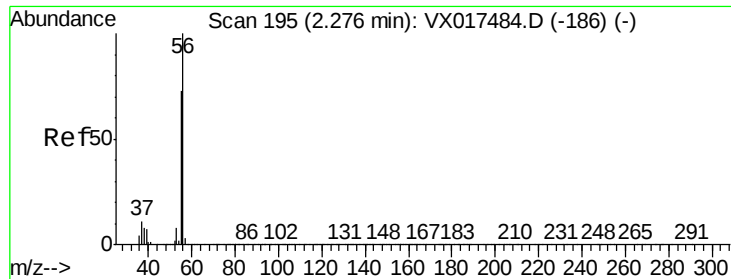


#12

1,1-Dichloroethene
 Concen: 43.841 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion: 96 Resp: 240069
 Ion Ratio Lower Upper
 96 100
 61 177.4 134.0 201.0
 98 63.4 51.0 76.4





#13

Acrolein

Concen: 195.417 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

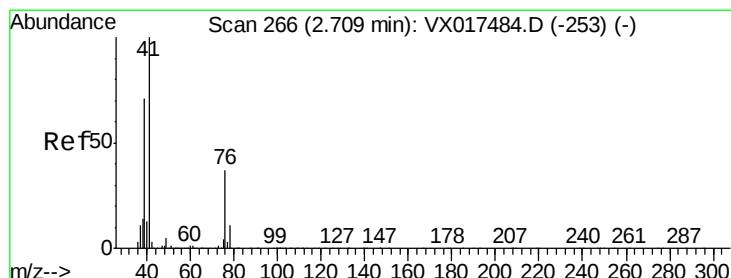
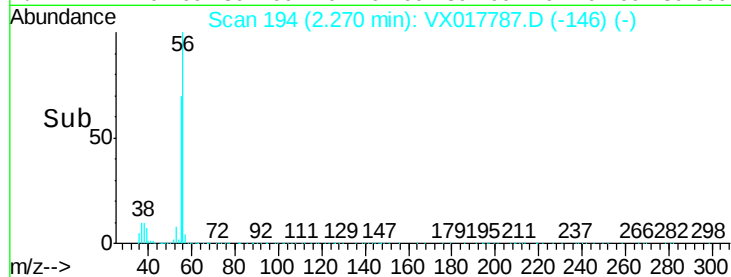
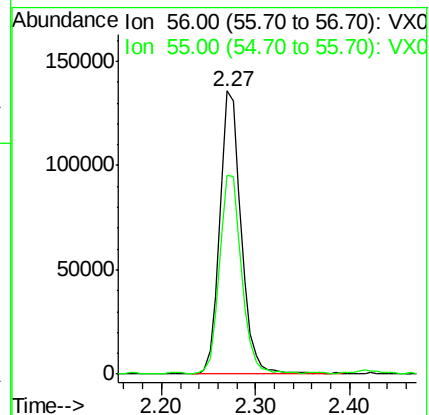
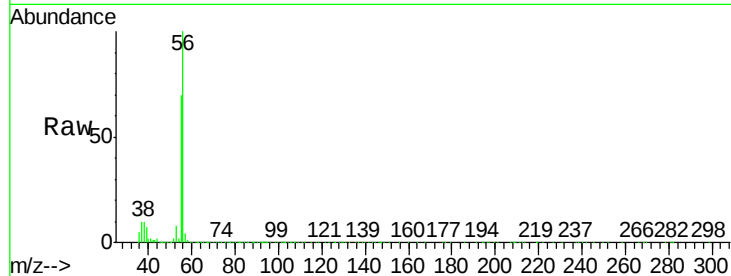
VSTDCCC050

Tot Ion: 56 Resp: 213133

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2



#14

Allyl chloride

Concen: 47.973 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

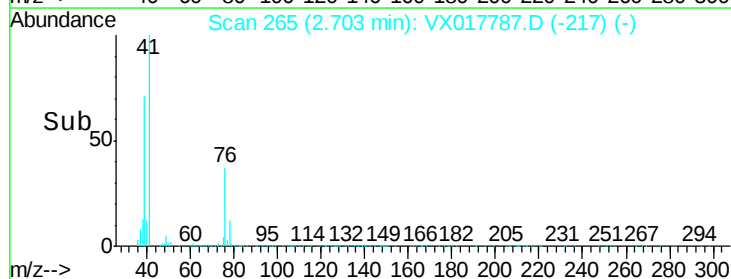
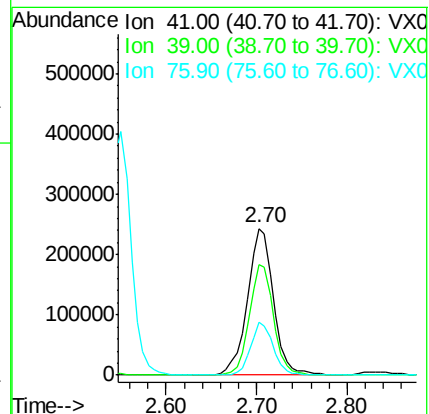
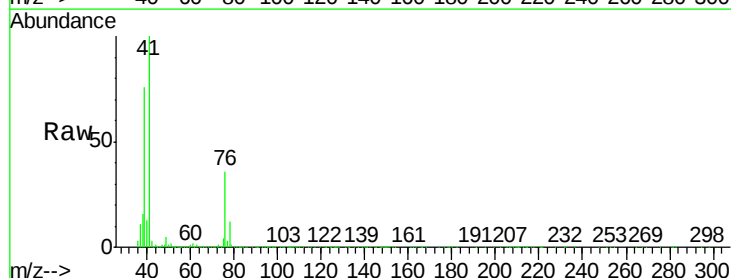
Tgt Ion: 41 Resp: 479675

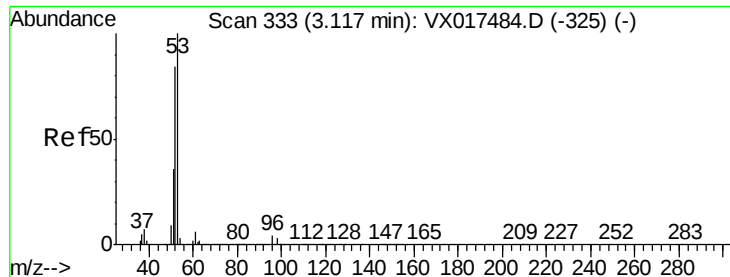
Ion Ratio Lower Upper

41 100

39 69.6 51.9 77.9

76 31.5 25.5 38.3





#15

Acrylonitrile

Concen: 273.891 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

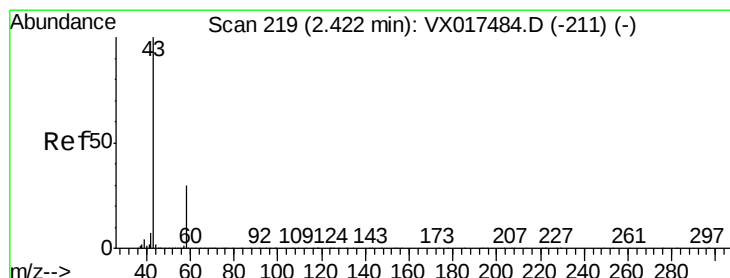
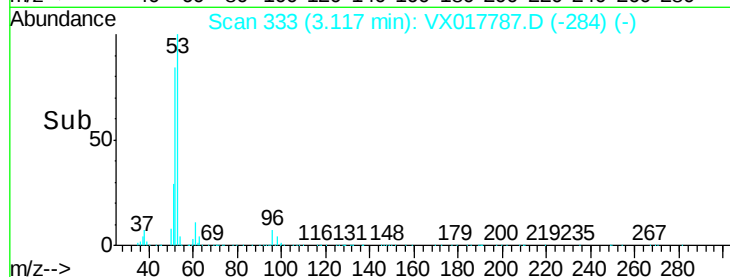
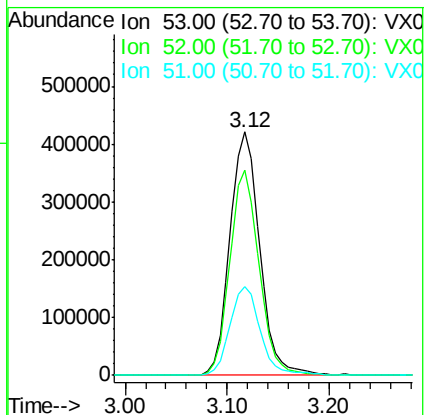
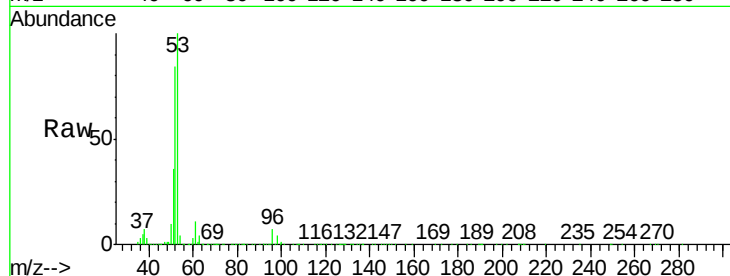
Tot Ion: 53 Resp: 849075

Ion Ratio Lower Upper

53 100

52 82.7 66.6 99.8

51 37.1 29.4 44.2



#16

Acetone

Concen: 257.661 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017787.D

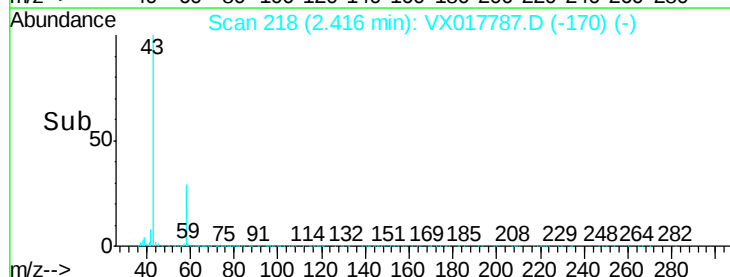
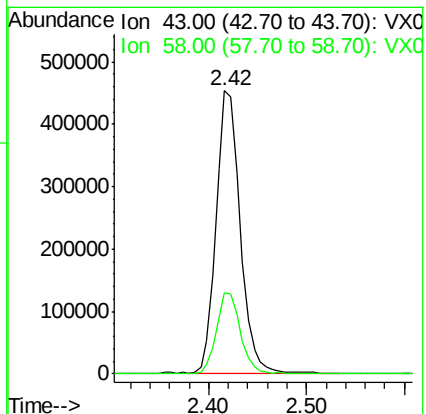
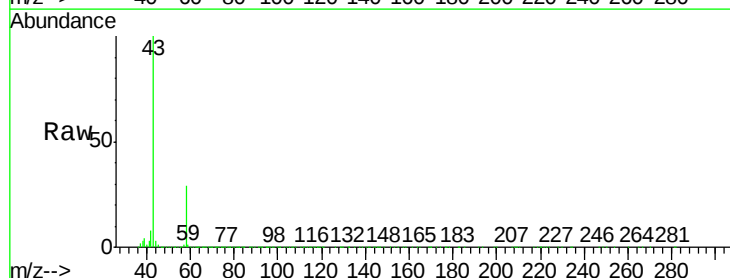
Acq: 05 Aug 2020 09:54

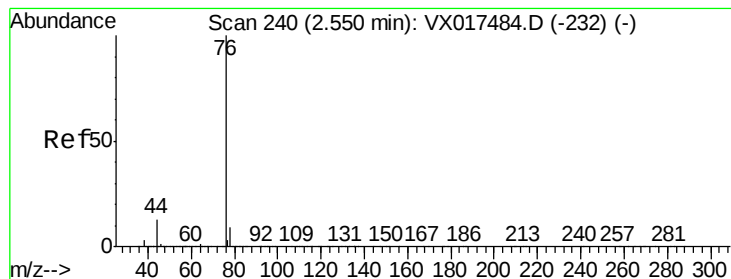
Tgt Ion: 43 Resp: 772305

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.4





#17

Carbon Disulfide

Concen: 39.868 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

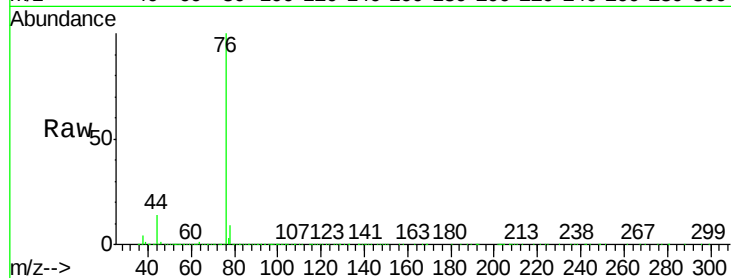
VSTDCCC050

Tot Ion: 76 Resp: 663562

Ion Ratio Lower Upper

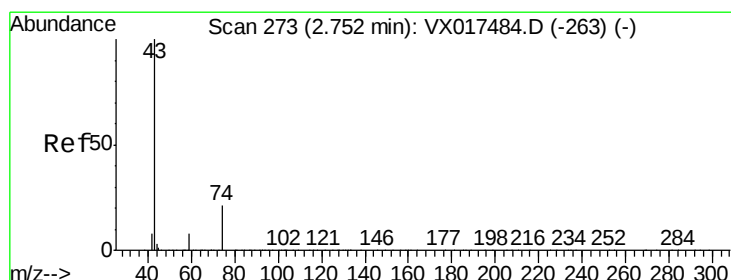
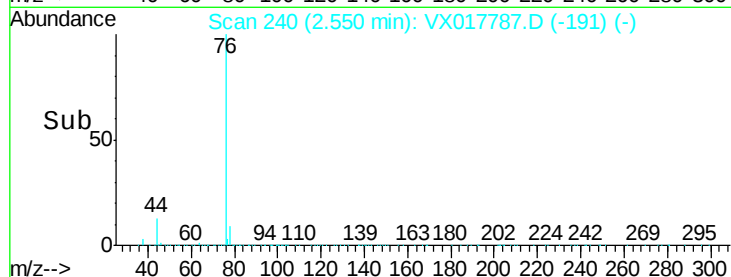
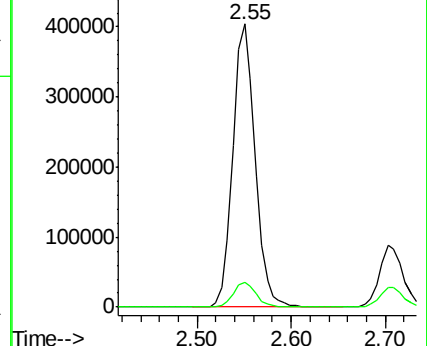
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.013 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017787.D

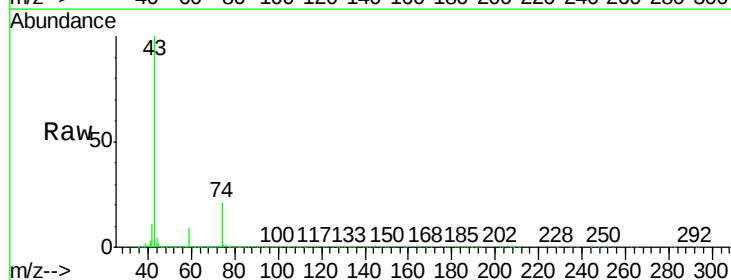
Acq: 05 Aug 2020 09:54

Tgt Ion: 43 Resp: 402468

Ion Ratio Lower Upper

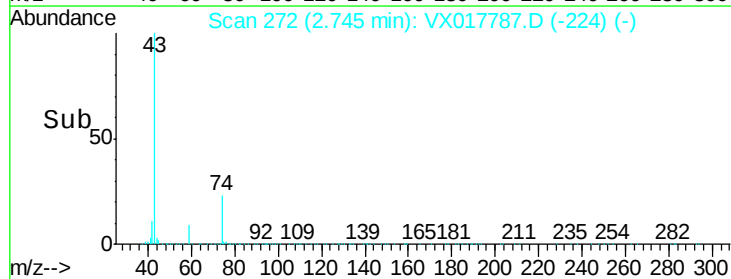
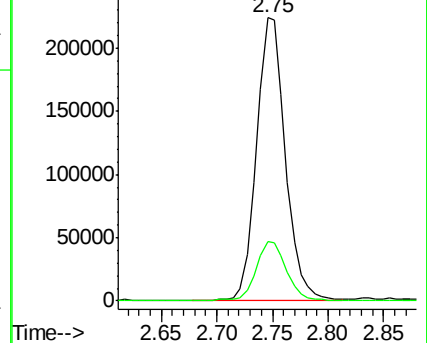
43 100

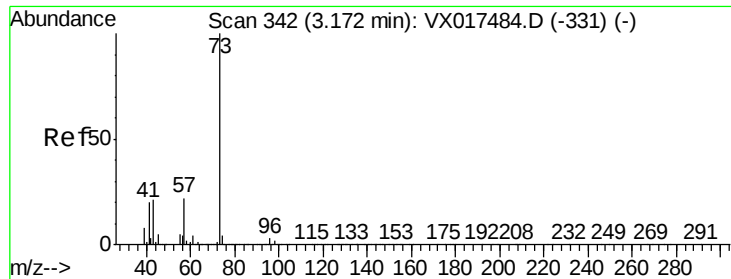
74 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

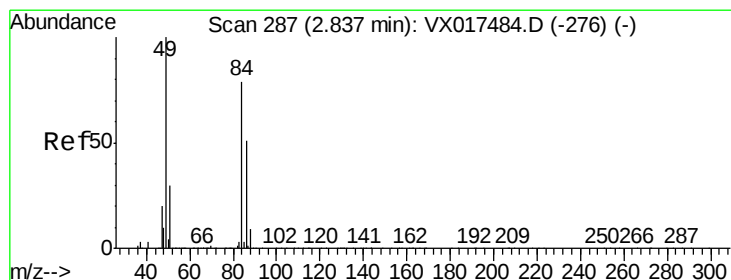
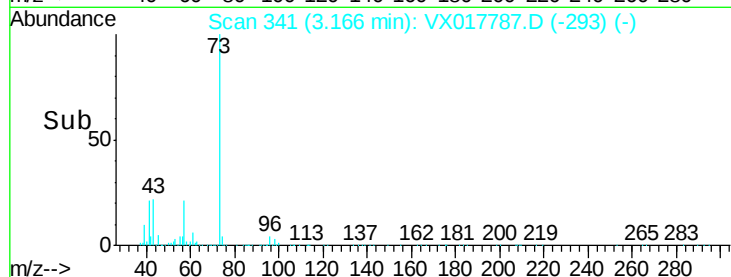
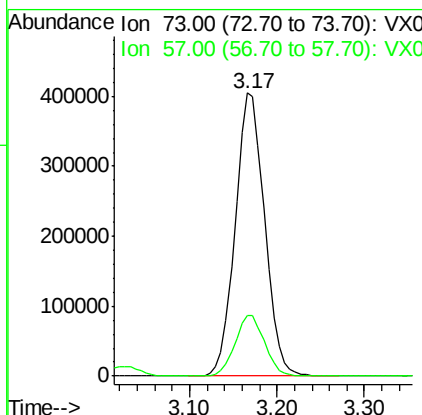
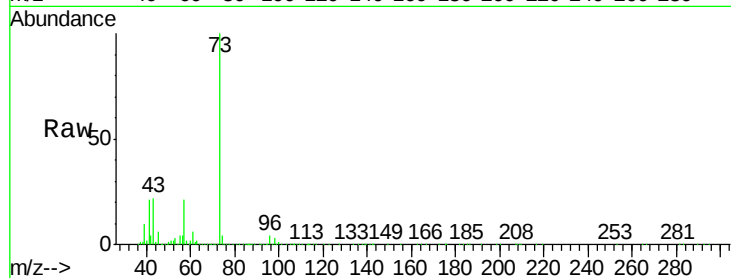




#19
Methvl tert-butvl Ether
Concen: 49.785 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

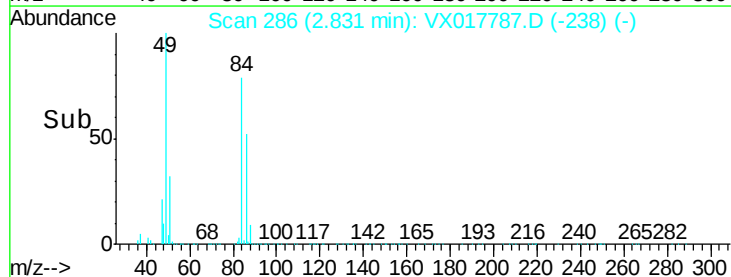
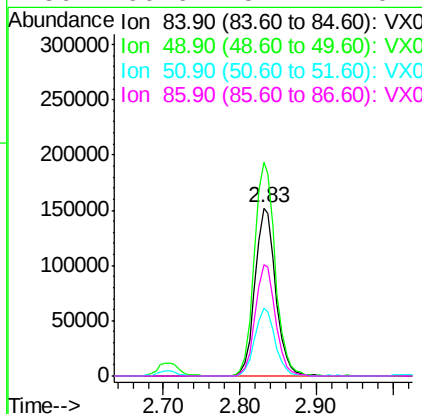
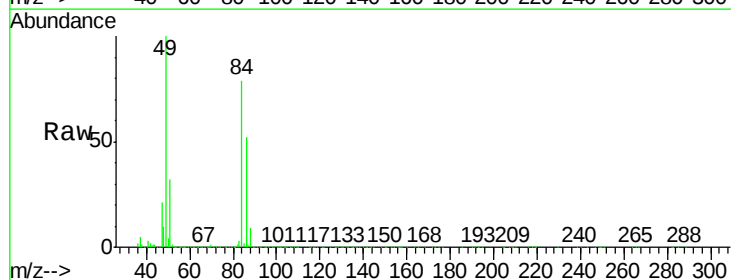
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

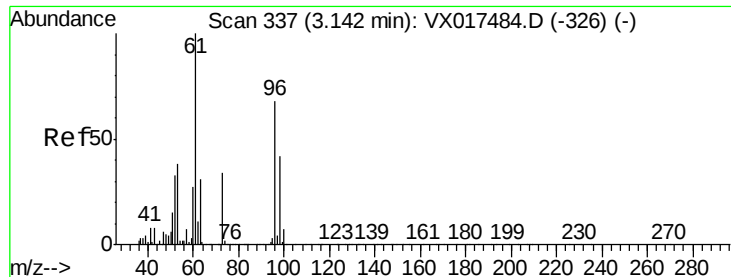
Tot Ion: 73 Resp: 943586
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 51.163 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 84 Resp: 288653
Ion Ratio Lower Upper
84 100
49 127.0 100.3 150.5
51 40.0 30.5 45.7
86 66.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.756 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

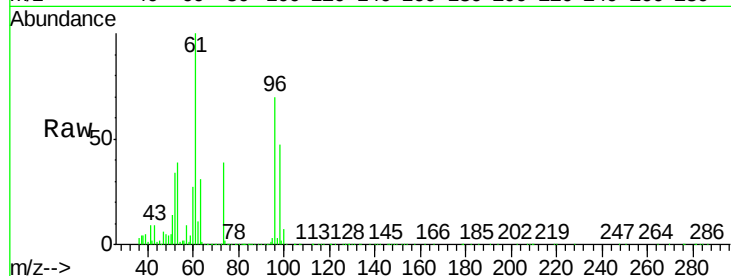
Tot Ion: 96 Resp: 280153

Ion Ratio Lower Upper

96 100

61 142.8 113.0 169.4

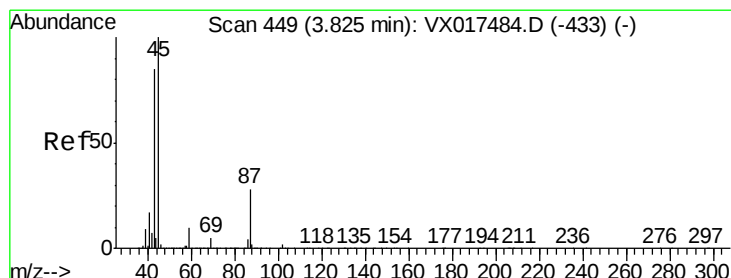
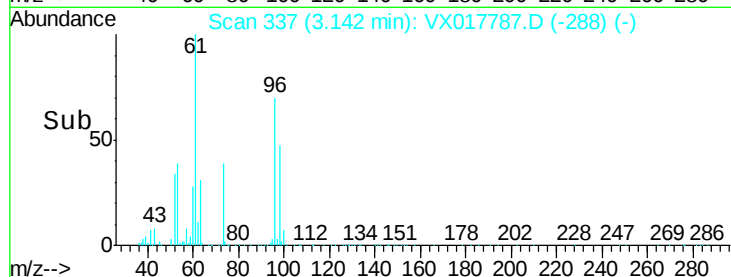
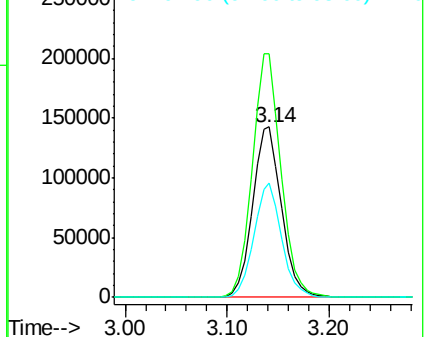
98 67.1 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.607 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion: 45 Resp: 888663

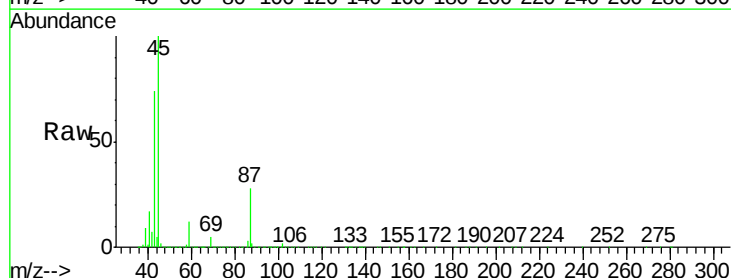
Ion Ratio Lower Upper

45 100

43 74.0 52.0 78.0

87 28.5 22.2 33.4

59 11.9 8.9 13.3

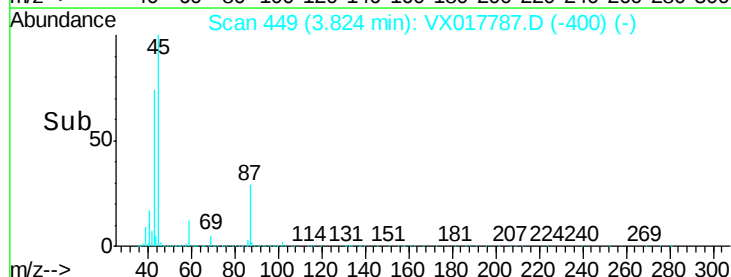
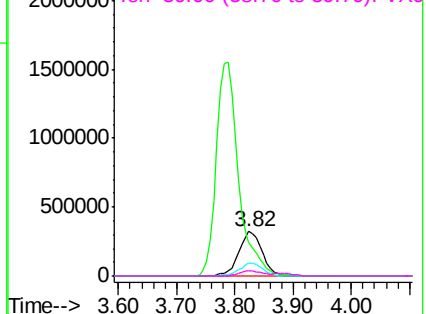


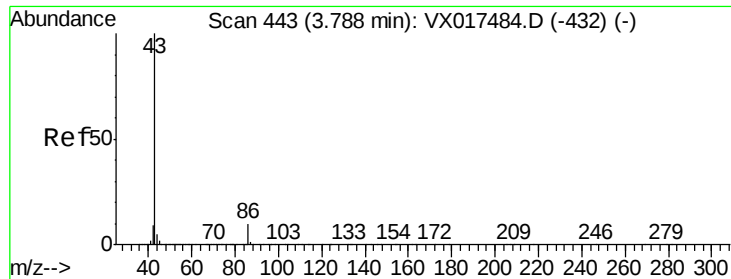
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.727 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

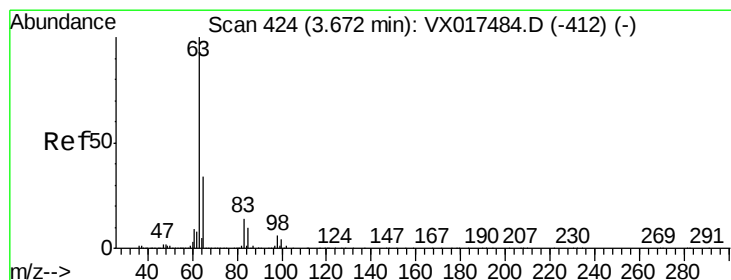
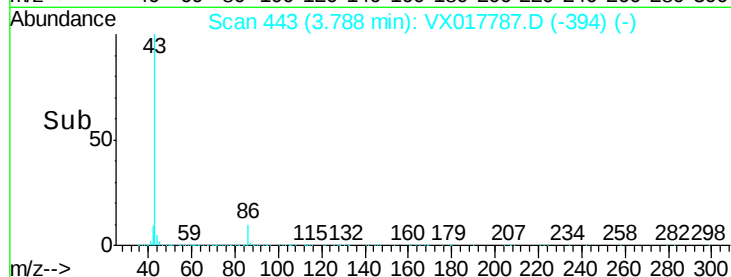
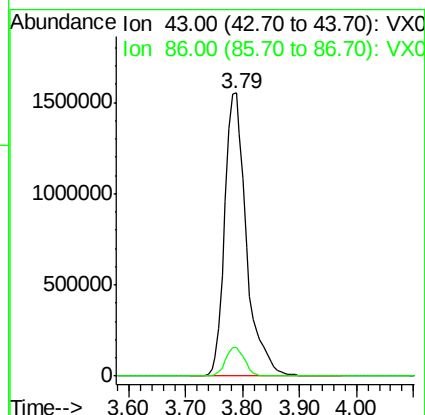
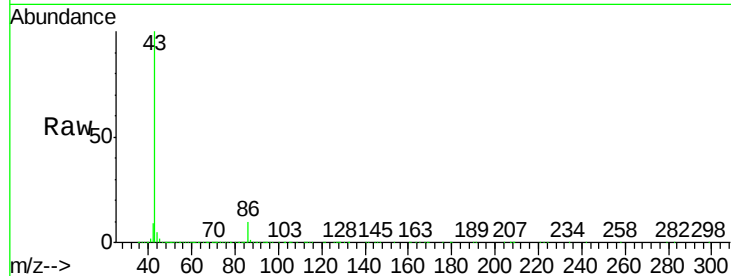
VSTDCCC050

Tot Ion: 43 Resp: 4103479

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



#24

1,1-Dichloroethane

Concen: 49.706 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

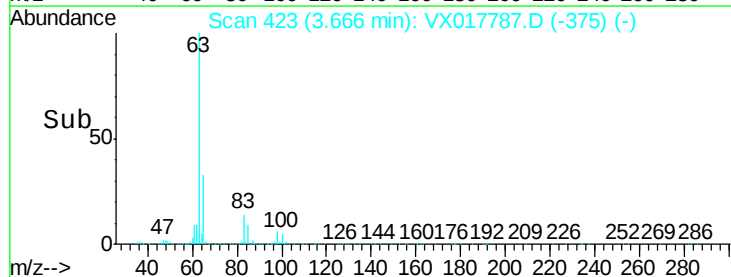
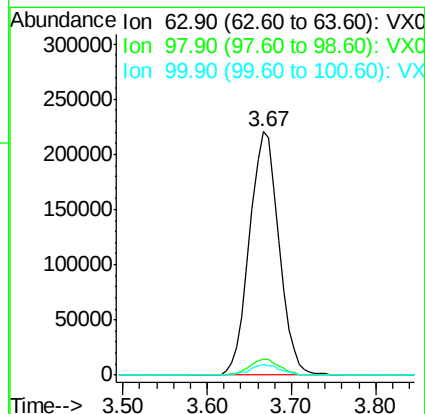
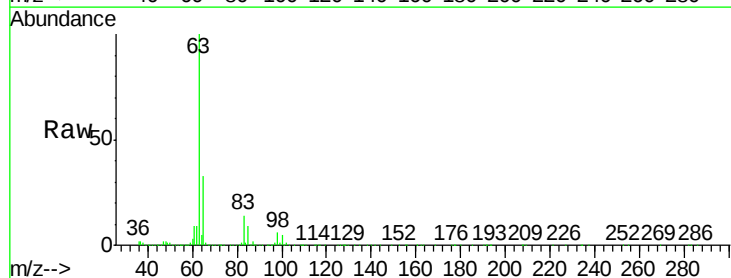
Tgt Ion: 63 Resp: 523491

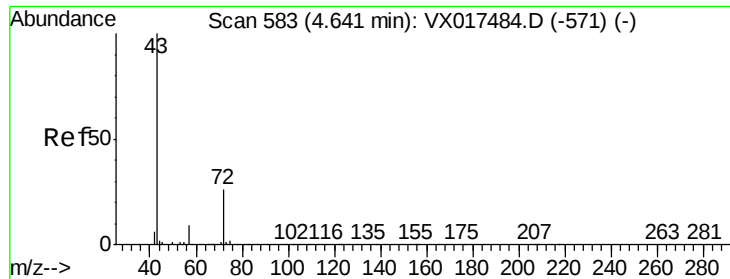
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.5 1.9 5.7

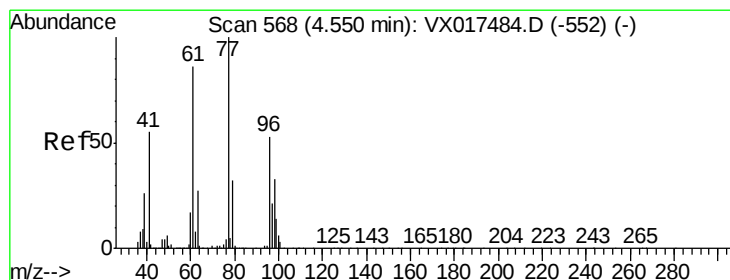
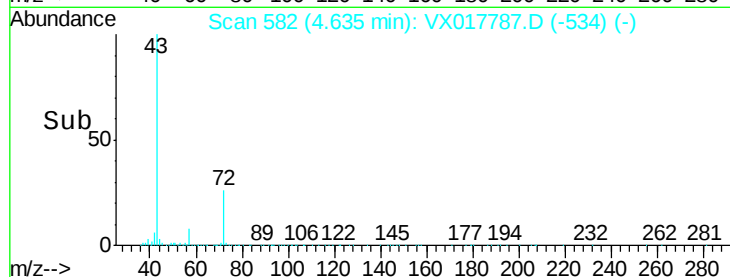
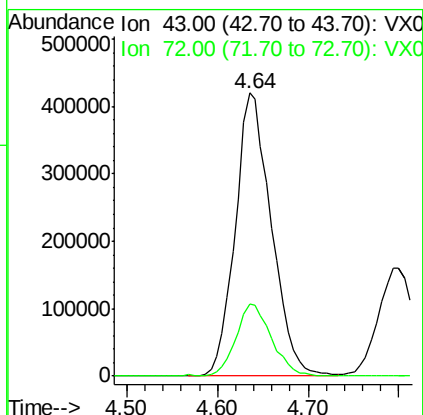
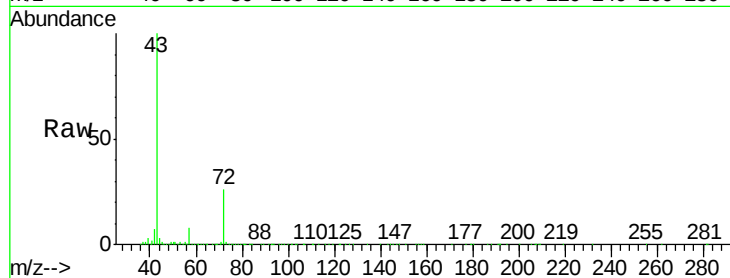




#25
2-Butanone
Concen: 271.573 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

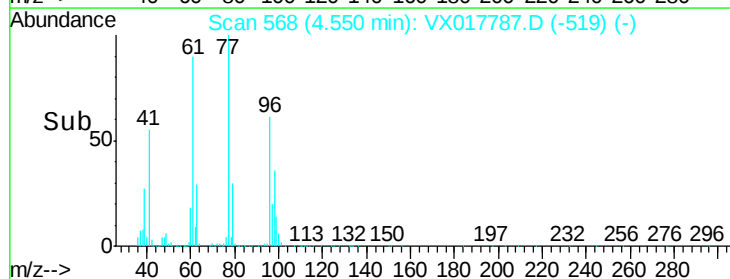
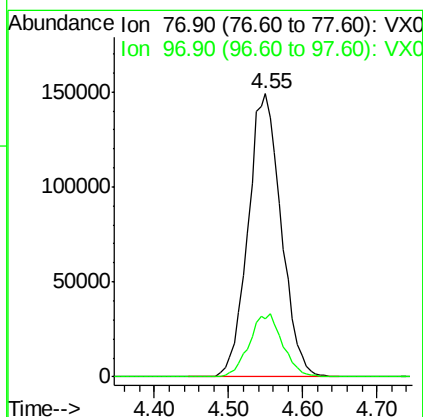
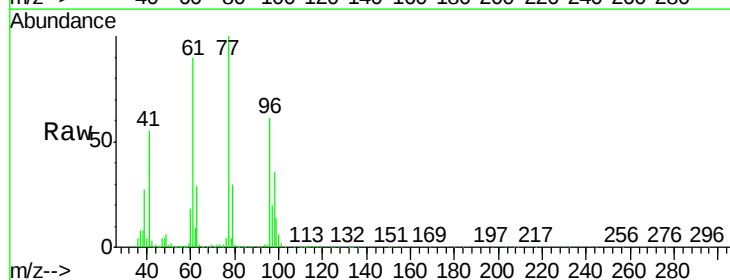
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

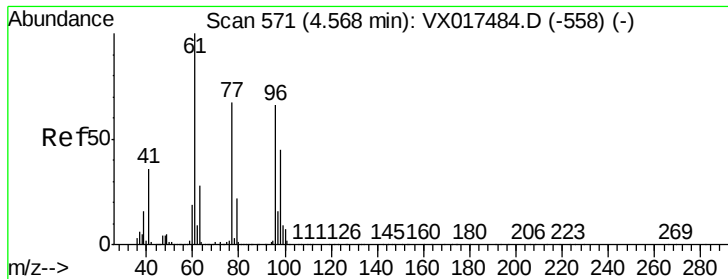
Tot Ion: 43 Resp: 1156375
Ion Ratio Lower Upper
43 100
72 25.6 19.0 28.4



#26
2,2-Dichloropropane
Concen: 49.250 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 77 Resp: 464300
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9



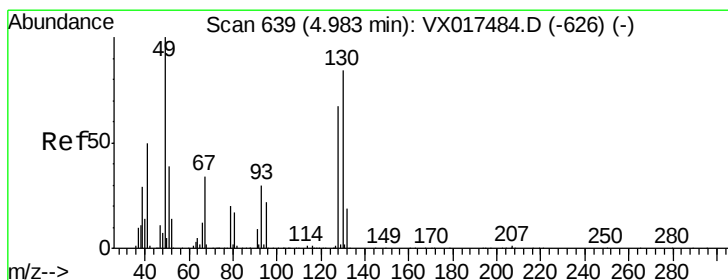
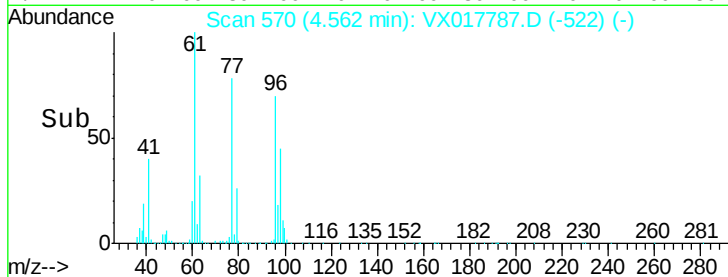
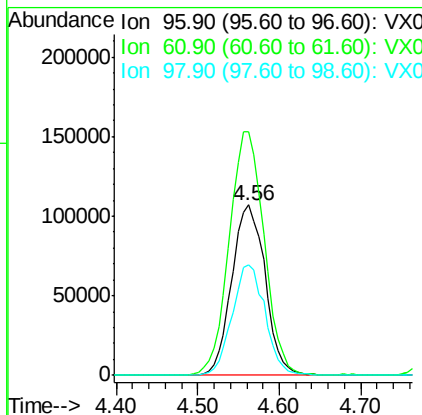
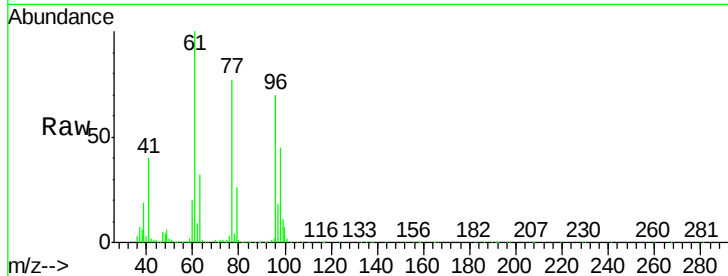


#27

cis-1,2-Dichloroethene
Concen: 47.771 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

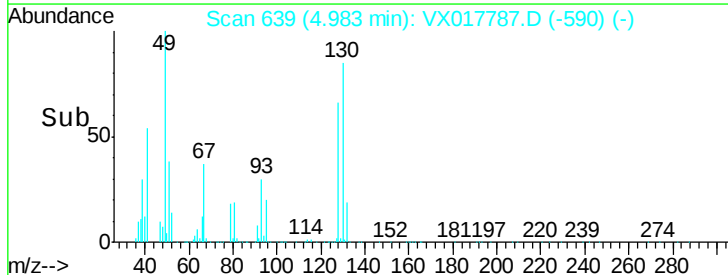
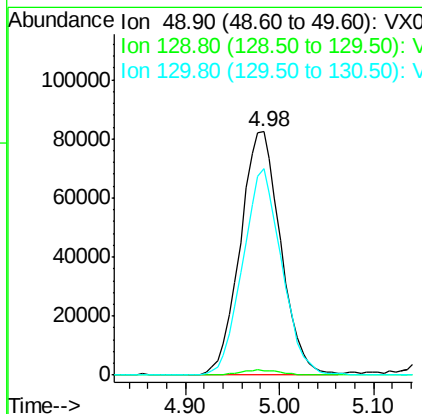
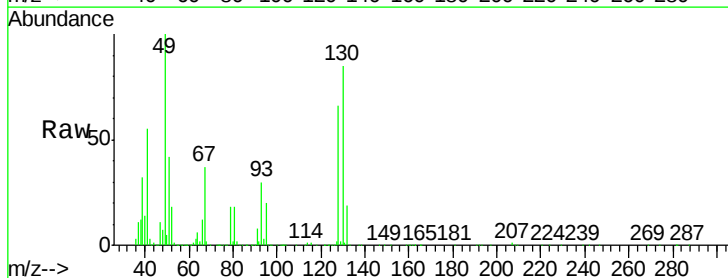
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	301.2
98	63.7	0.0	130.0

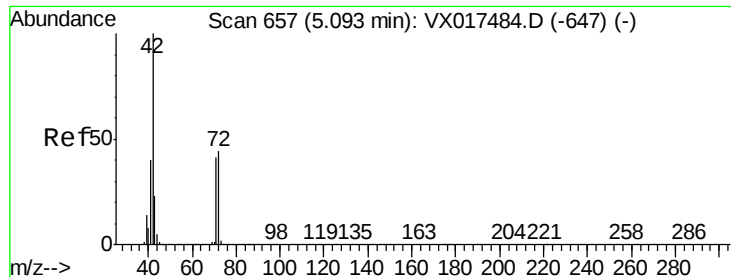


#28

Bromochloromethane
Concen: 51.786 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	82.3	66.7	100.1





#29

Tetrahydrofuran

Concen: 290.814 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

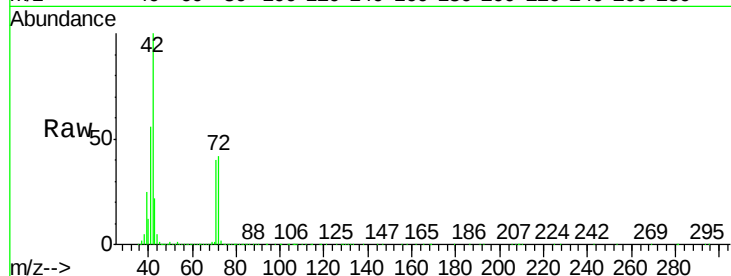
Tot Ion: 42 Resp: 767038

Ion Ratio Lower Upper

42 100

72 43.2 35.5 53.3

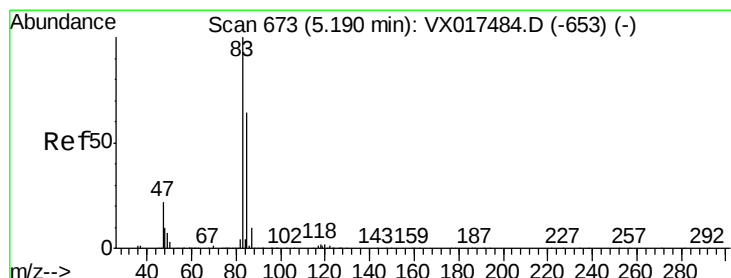
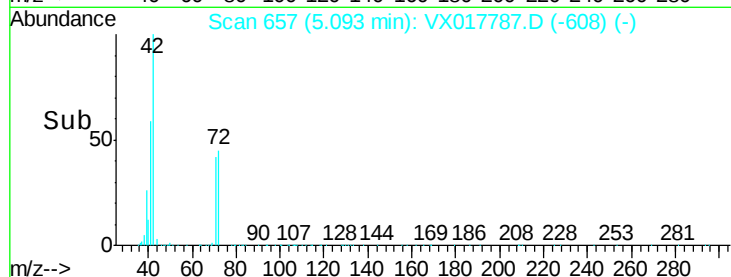
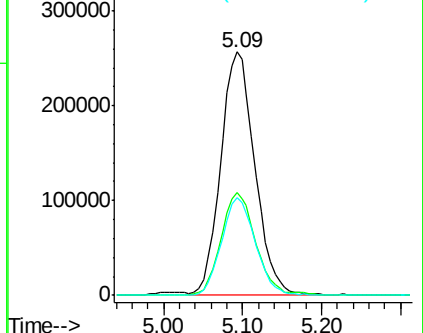
71 40.2 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.381 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017787.D

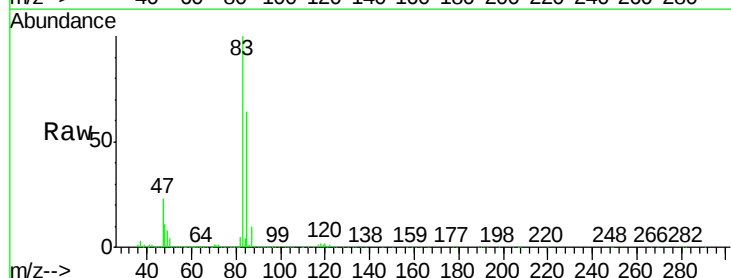
Acq: 05 Aug 2020 09:54

Tgt Ion: 83 Resp: 574441

Ion Ratio Lower Upper

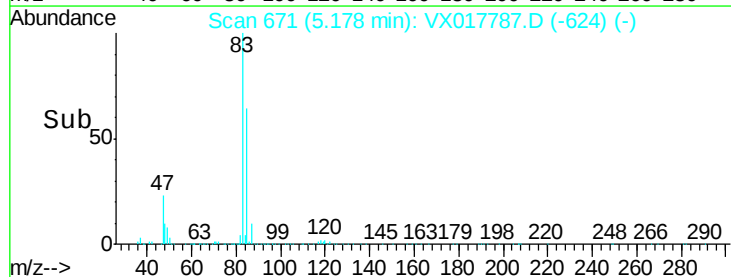
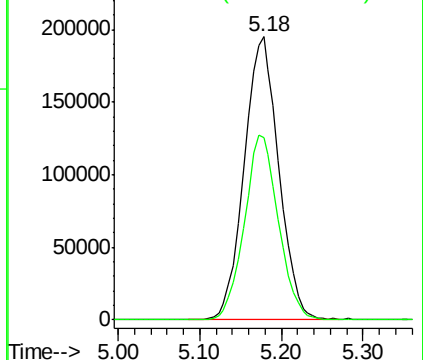
83 100

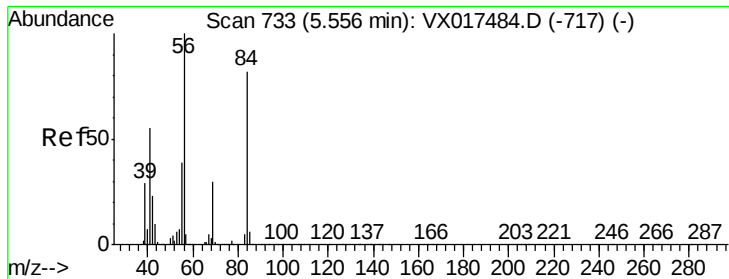
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.258 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

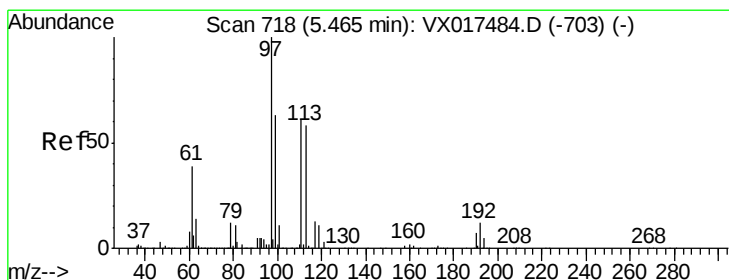
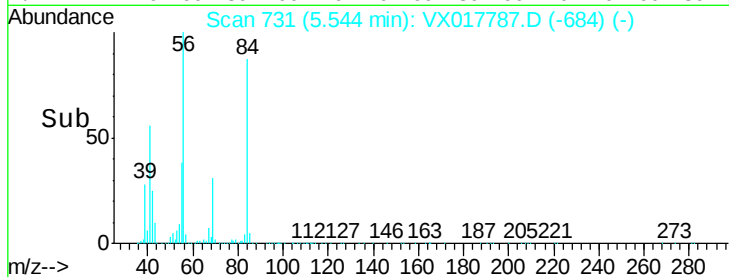
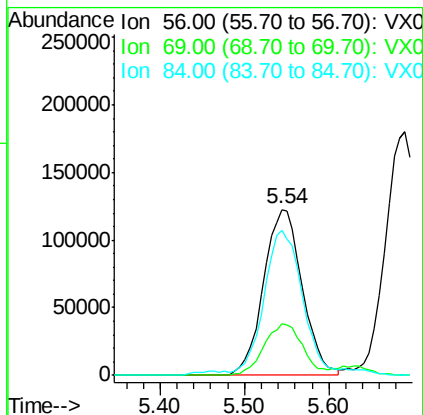
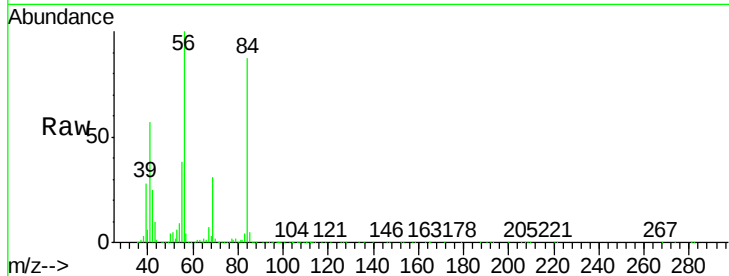
Tot Ion: 56 Resp: 388499

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 86.2 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 48.737 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

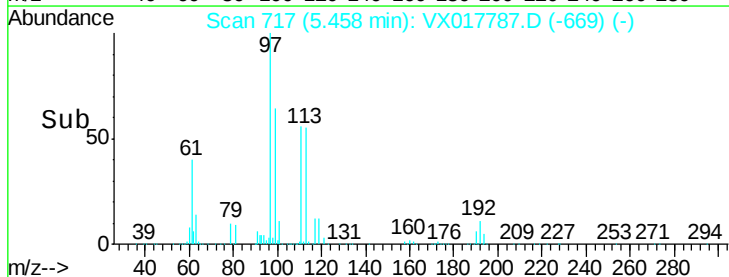
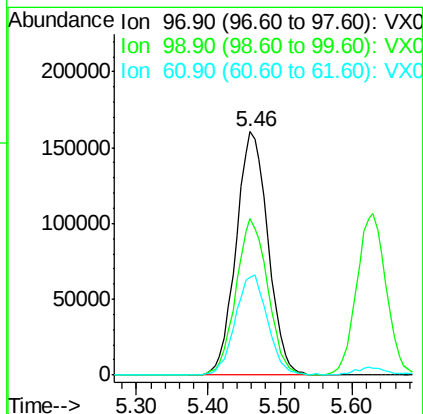
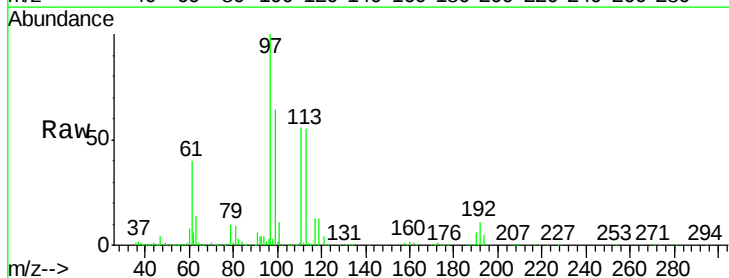
Tgt Ion: 97 Resp: 494567

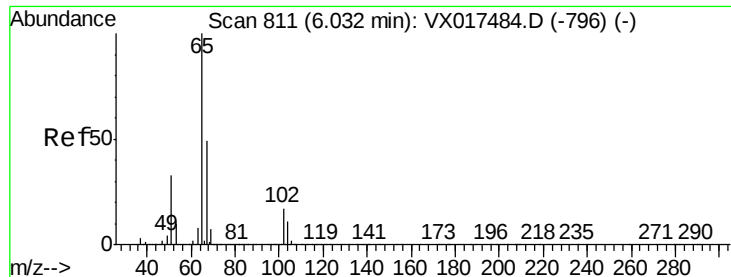
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 41.5 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.471 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

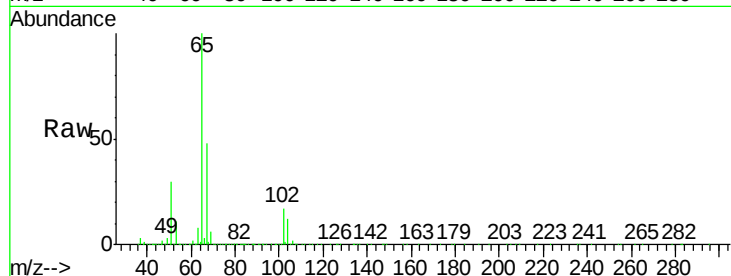
VSTDCCC050

Tot Ion: 65 Resp: 350526

Ion Ratio Lower Upper

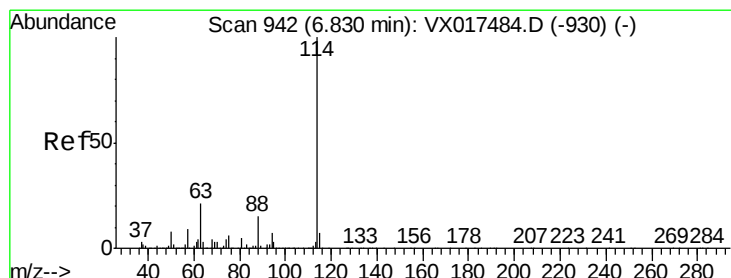
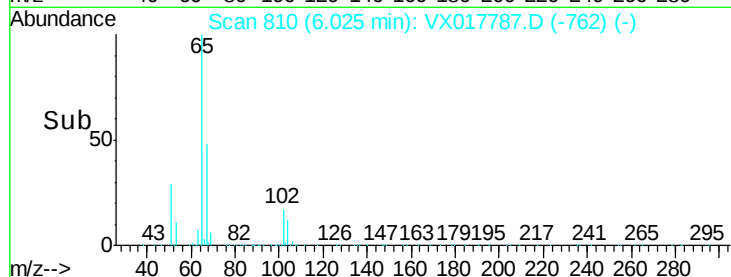
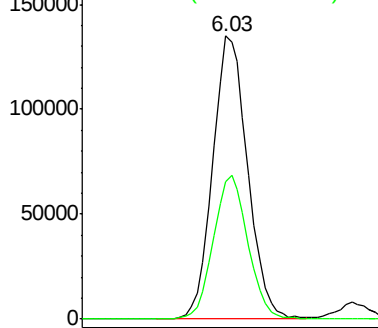
65 100

67 50.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

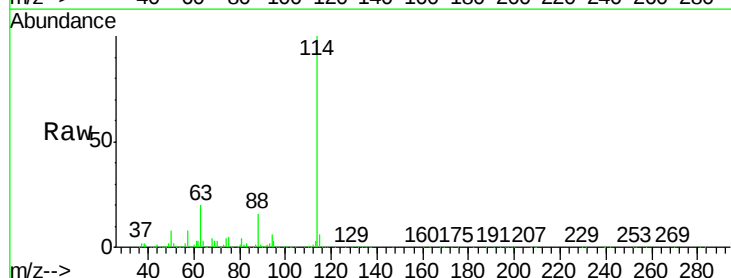
Tgt Ion: 114 Resp: 779023

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

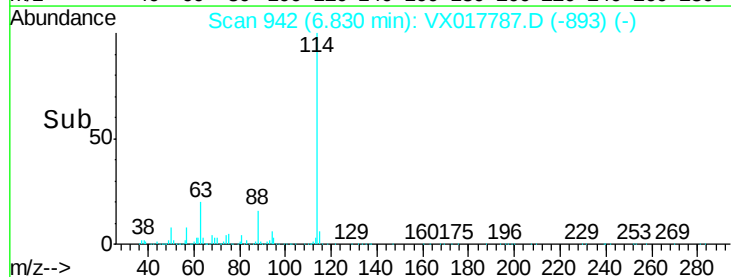
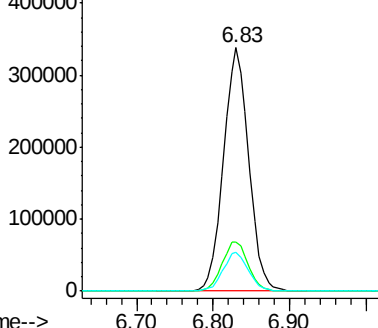
88 16.2 0.0 33.4

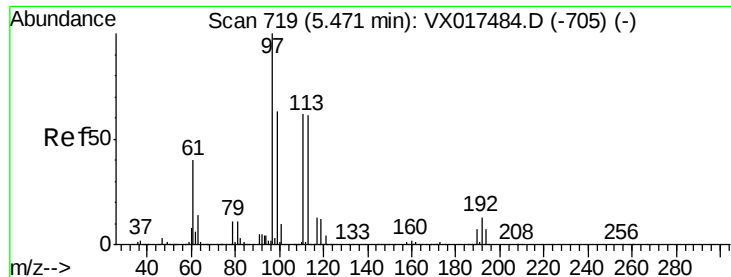


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.865 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

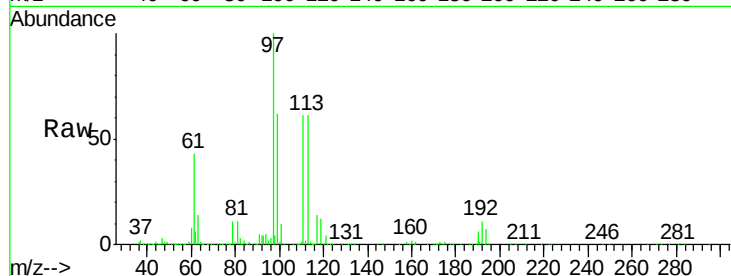
Tot Ion:113 Resp: 270223

Ion Ratio Lower Upper

113 100

111 98.9 80.7 121.1

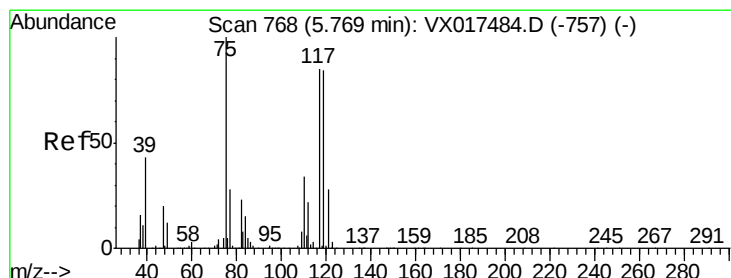
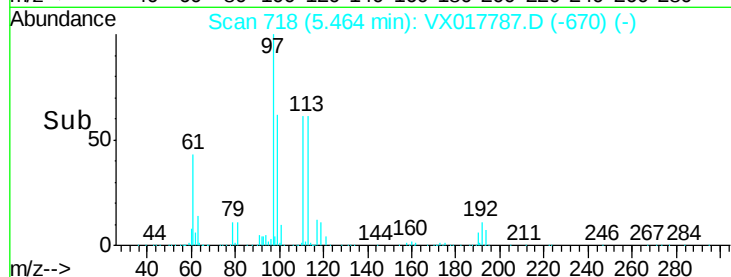
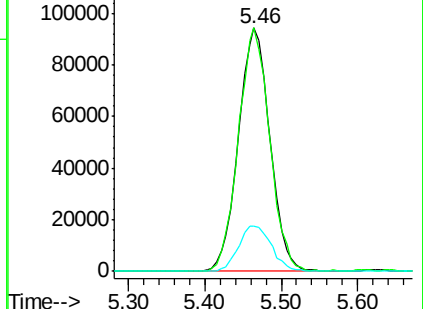
192 19.4 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.261 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

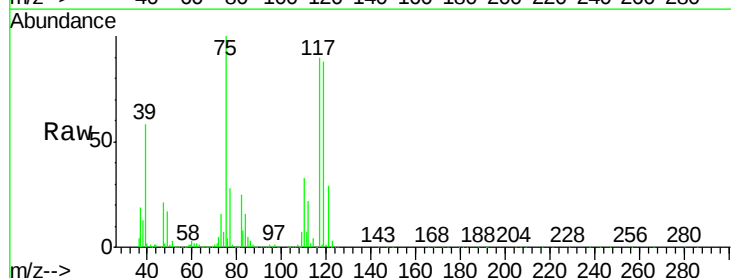
Tgt Ion: 75 Resp: 368054

Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.3

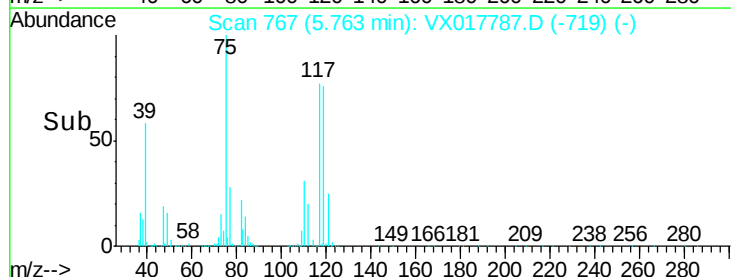
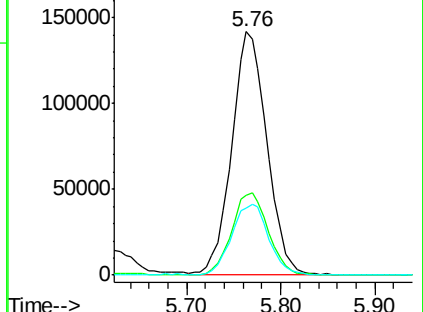
77 30.7 24.6 37.0

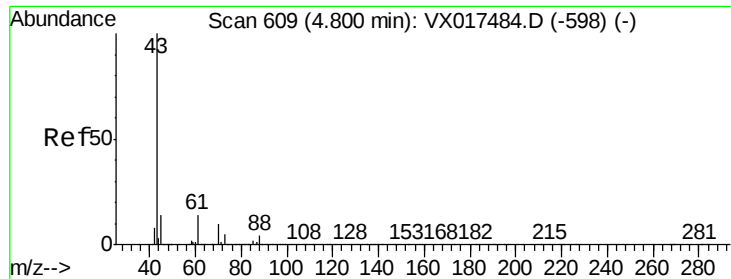


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

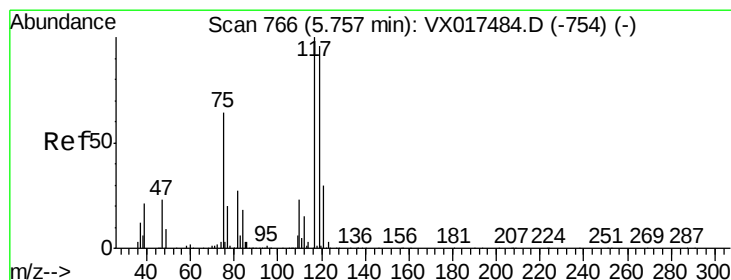
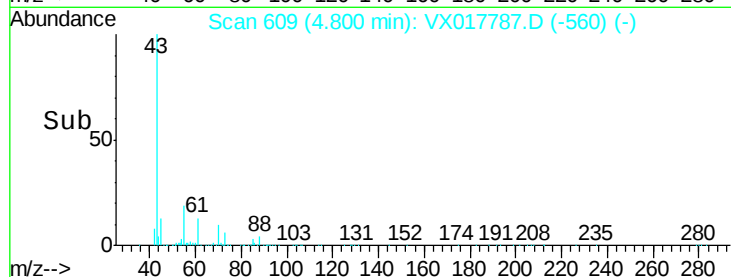
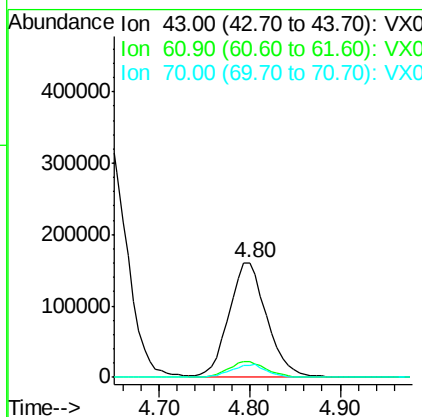
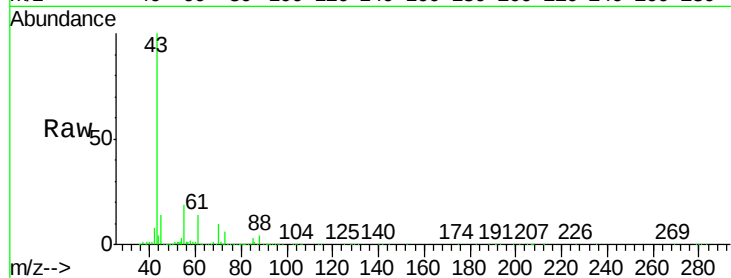




#37
Ethyl Acetate
Concen: 56.547 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

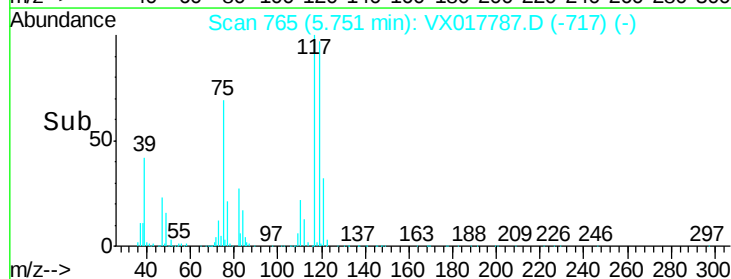
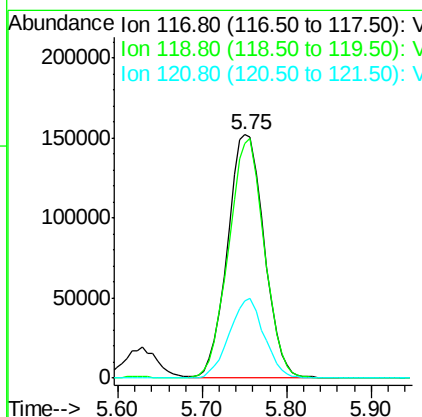
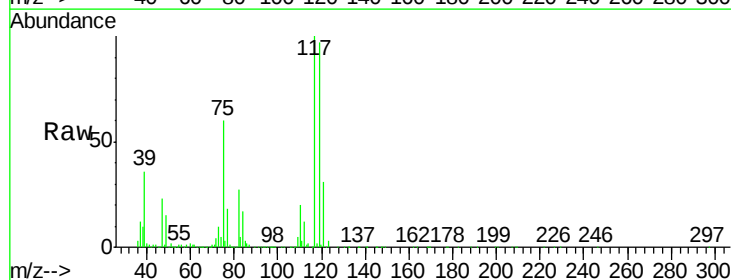
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

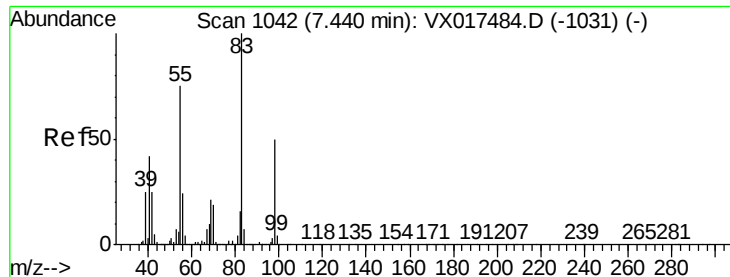
Tot Ion: 43 Resp: 462268
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.380 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 117 Resp: 448033
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
121 31.5 24.3 36.5

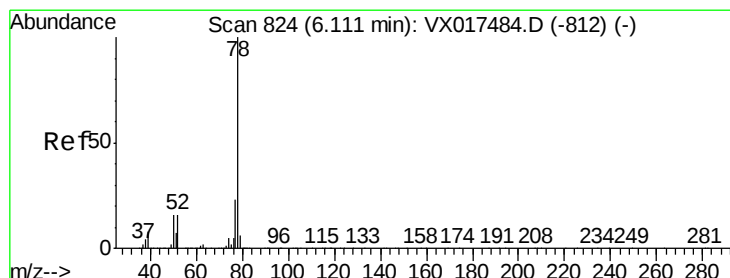
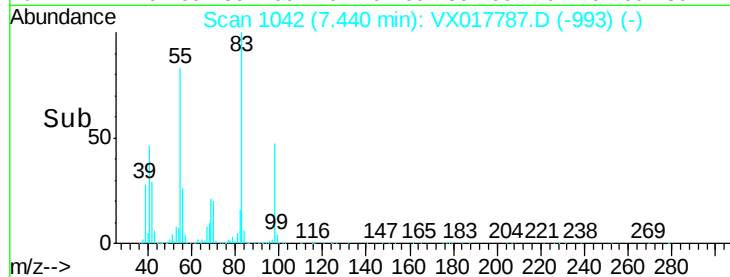
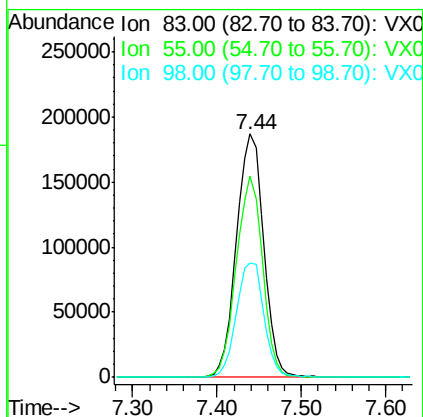
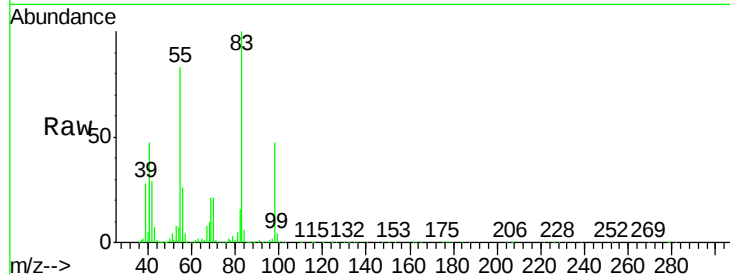




#39
Methvlcvclohexane
Concen: 46.656 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

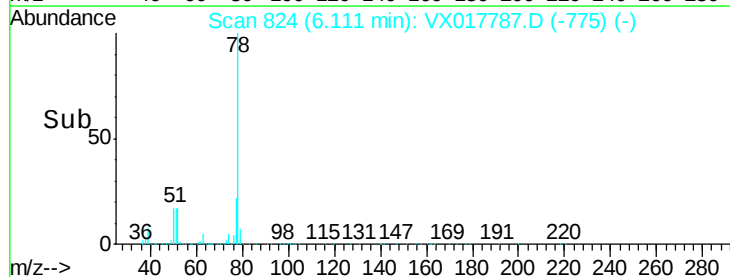
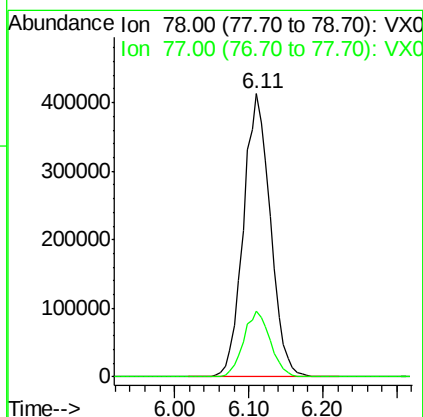
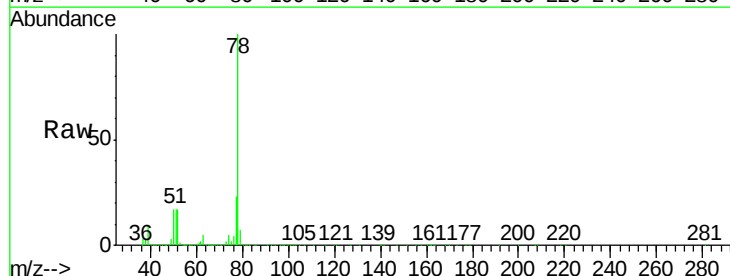
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

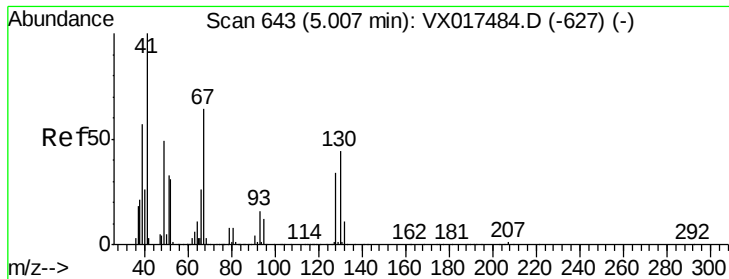
Tot Ion	83	Resp	406941
Ion Ratio	Lower	Upper	
83	100		
55	82.6	61.8	92.8
98	47.0	36.9	55.3



#40
Benzene
Concen: 48.943 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion	78	Resp	1048393
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.4	29.2

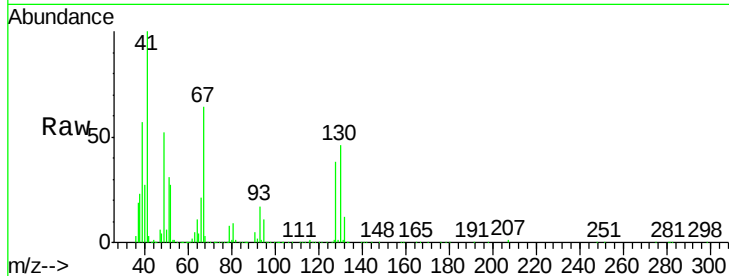




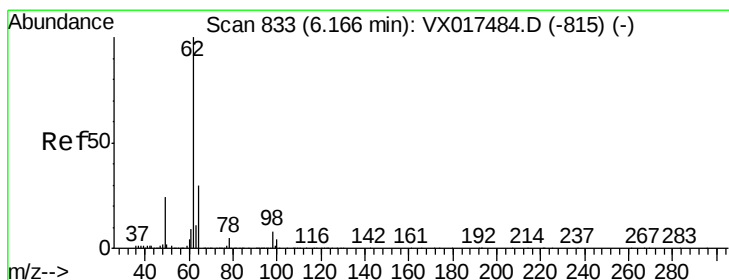
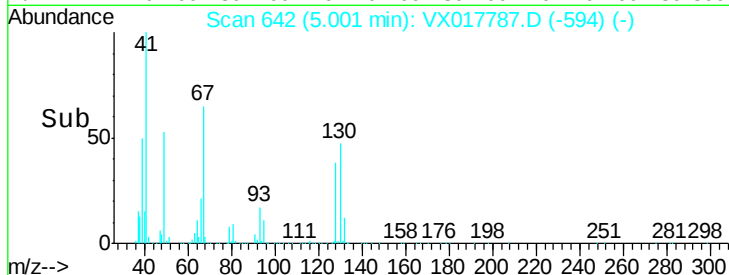
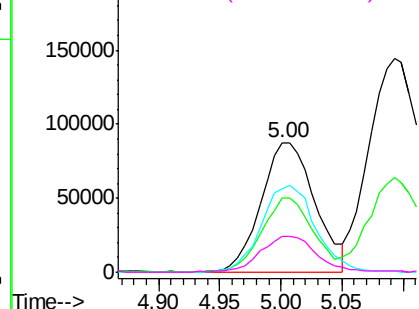
#41
Methacrylonitrile
Concen: 56.984 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	267019
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.9	65.9
67	67.9	54.0	81.0
52	28.2	23.0	34.6

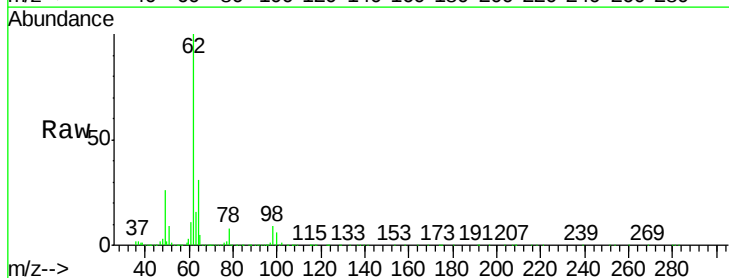


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

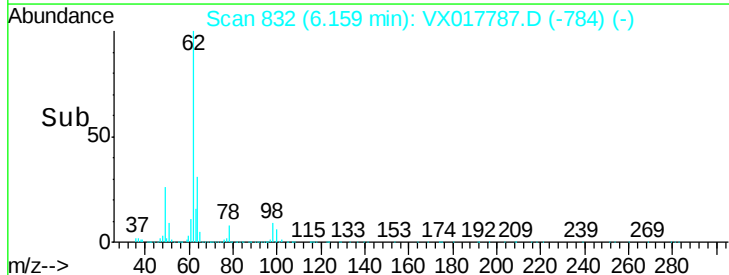
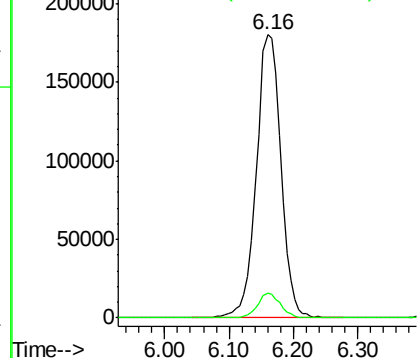


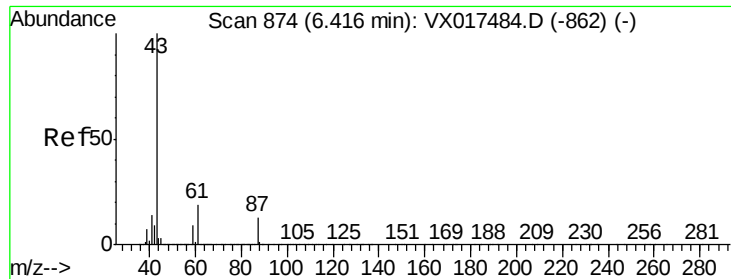
#42
1,2-Dichloroethane
Concen: 53.521 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:	62	Resp:	469020
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.596 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

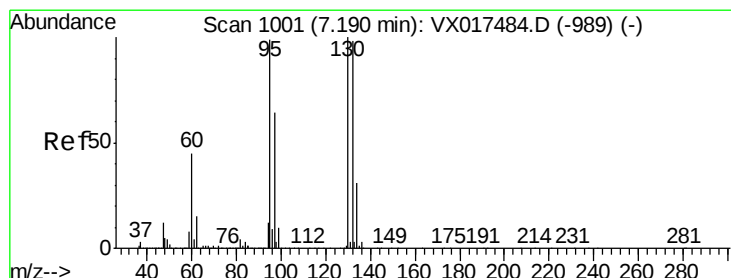
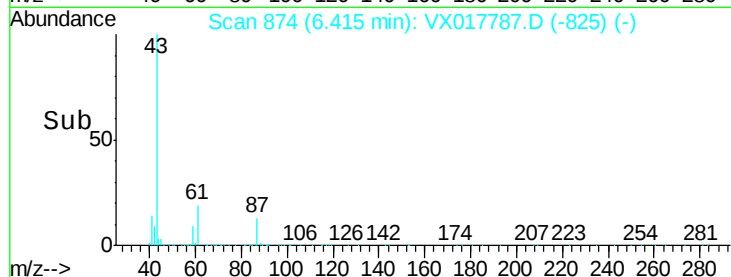
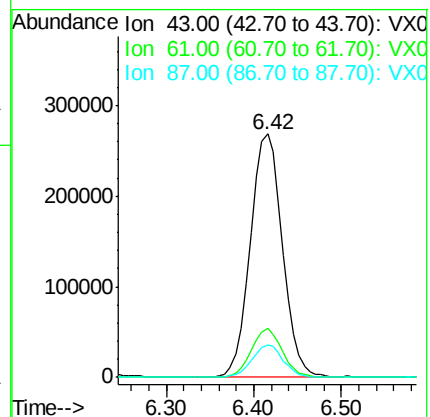
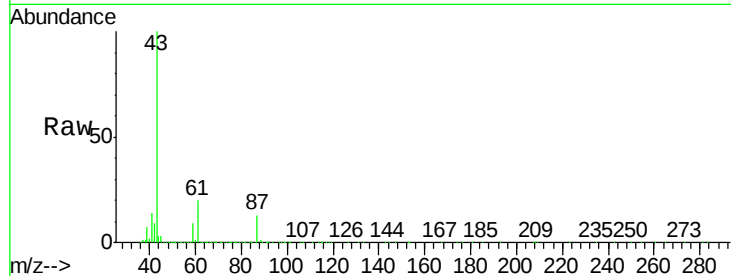
Tot Ion: 43 Resp: 682446

Ion Ratio Lower Upper

43 100

61 19.3 15.5 23.3

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 51.847 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017787.D

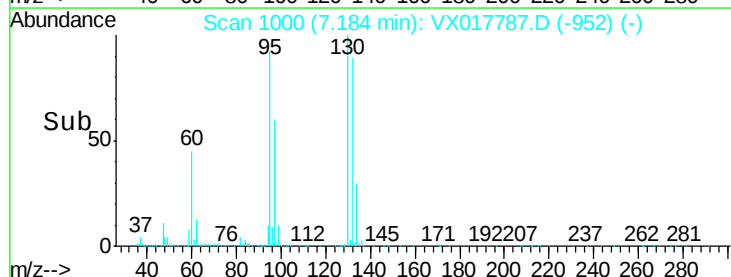
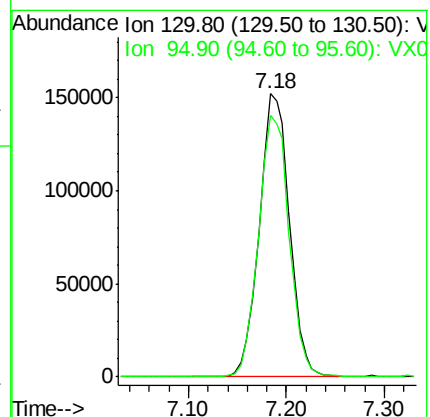
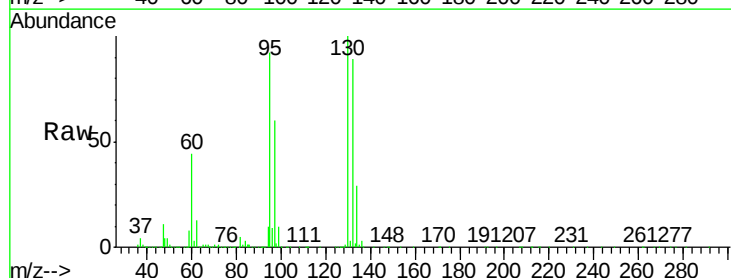
Acq: 05 Aug 2020 09:54

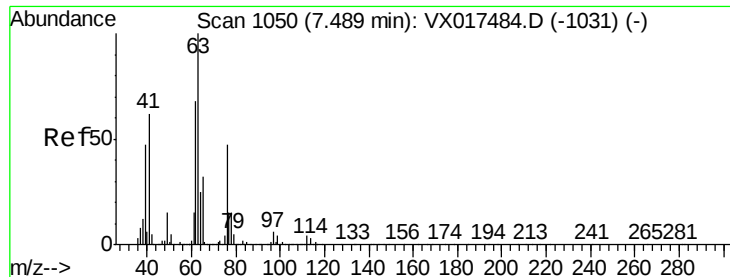
Tgt Ion:130 Resp: 324562

Ion Ratio Lower Upper

130 100

95 92.2 0.0 189.0

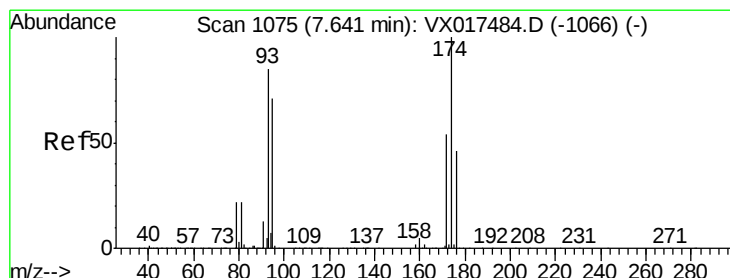
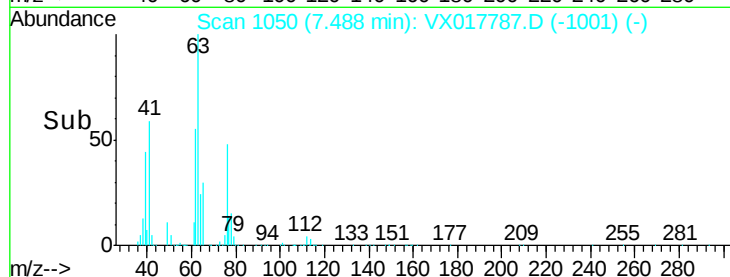
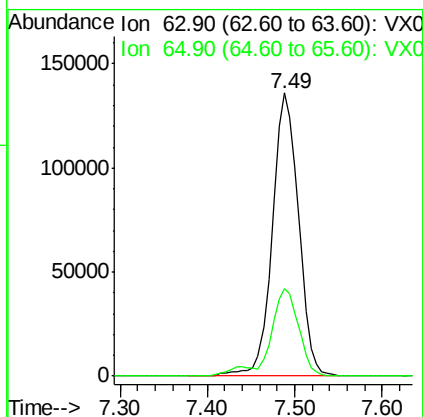
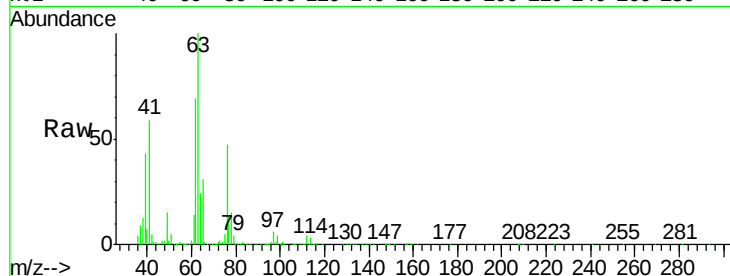




#45
 1,2-Dichloropropane
 Concen: 48.063 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

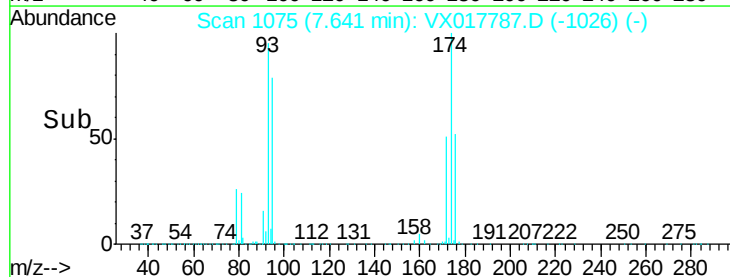
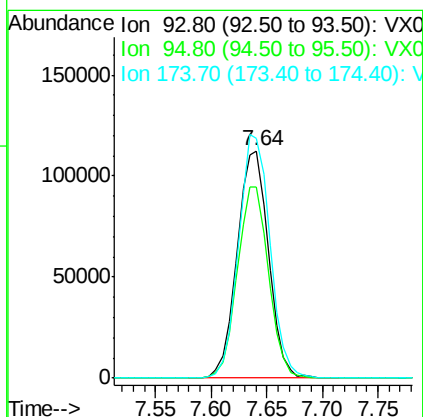
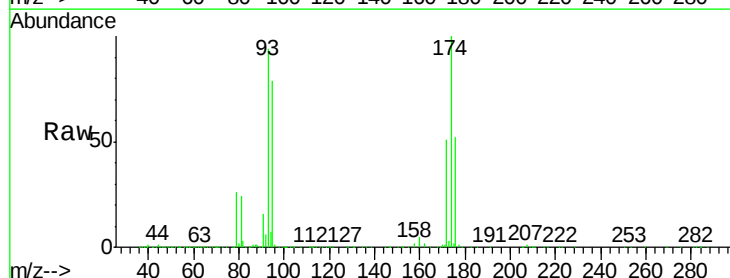
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

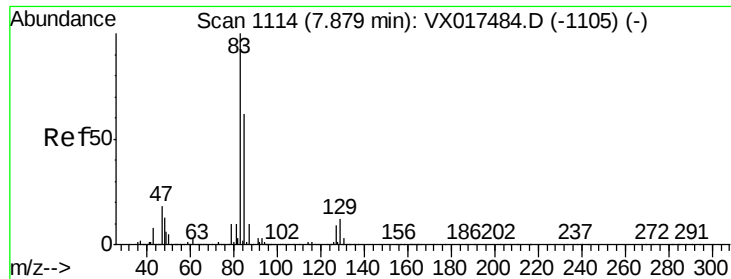
Tot Ion: 63 Resp: 285402
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.5 36.7



#46
 Dibromomethane
 Concen: 52.454 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion: 93 Resp: 220125
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 107.1 87.0 130.6

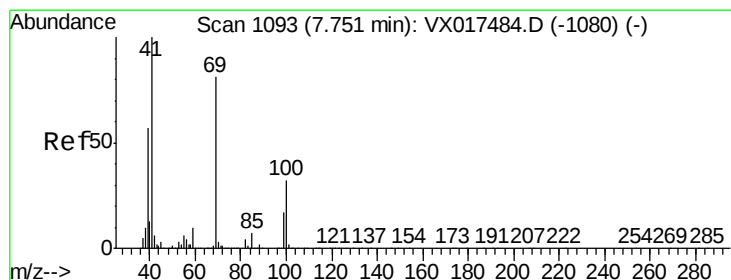
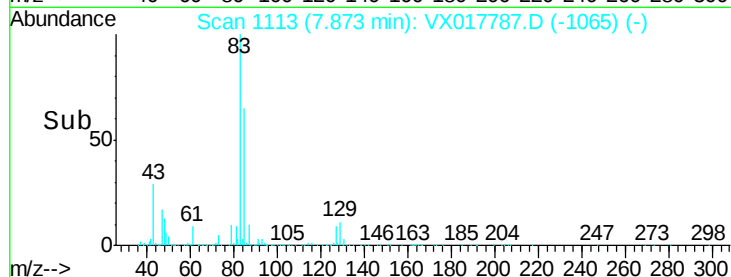
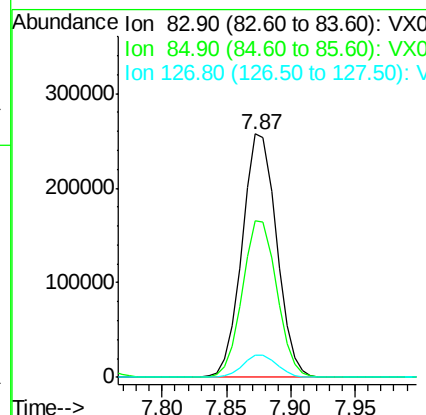
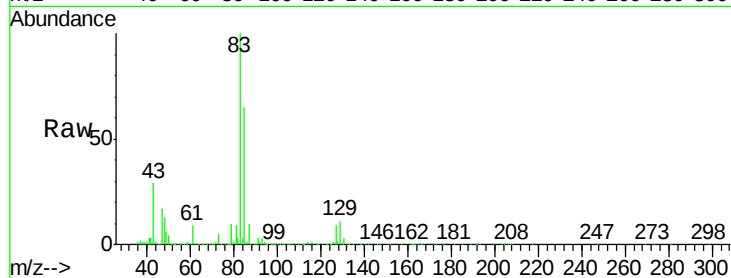




#47
 Bromodichloromethane
 Concen: 56.487 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

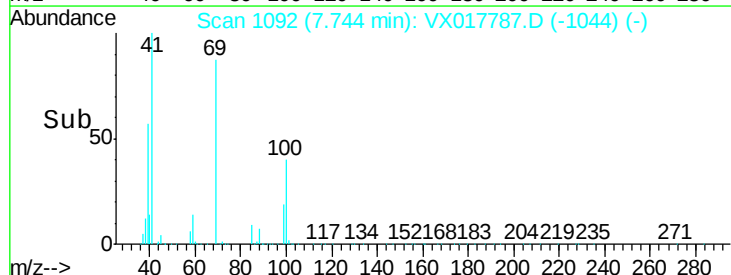
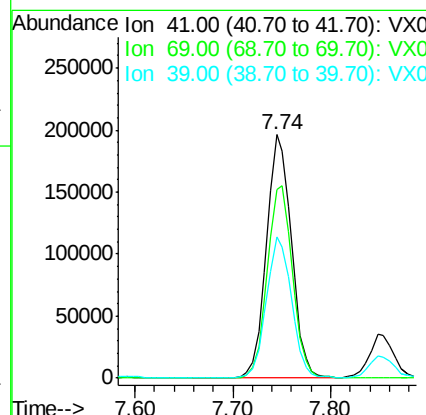
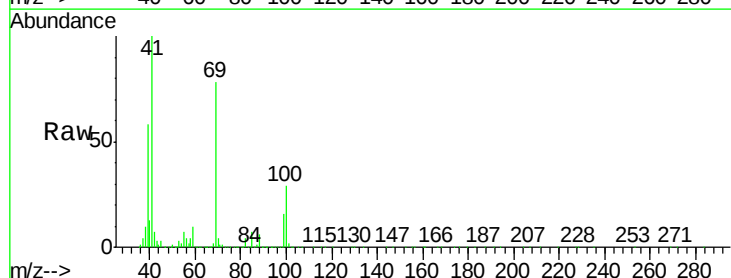
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

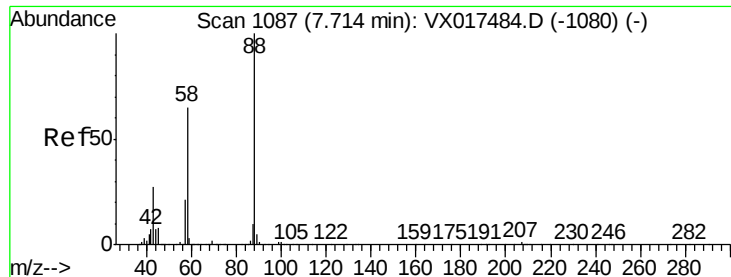
Tot Ion: 83 Resp: 476969
 Ion Ratio Lower Upper
 83 100
 85 64.5 51.8 77.8
 127 9.2 7.4 11.2



#48
 Methyl methacrylate
 Concen: 52.537 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion: 41 Resp: 351266
 Ion Ratio Lower Upper
 41 100
 69 79.1 63.1 94.7
 39 57.7 45.1 67.7





#49

1,4-Dioxane

Concen: 948.989 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

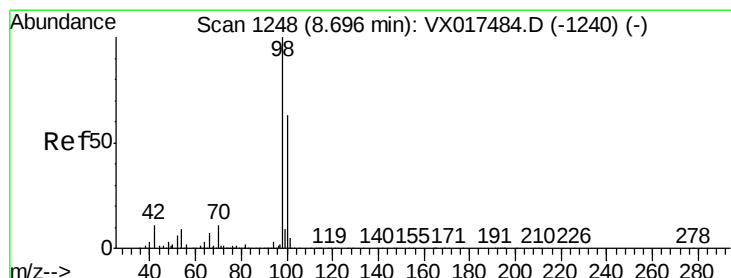
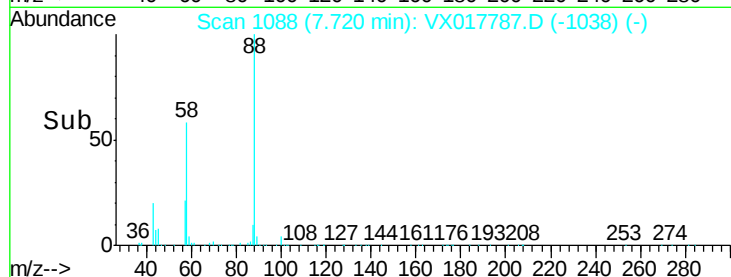
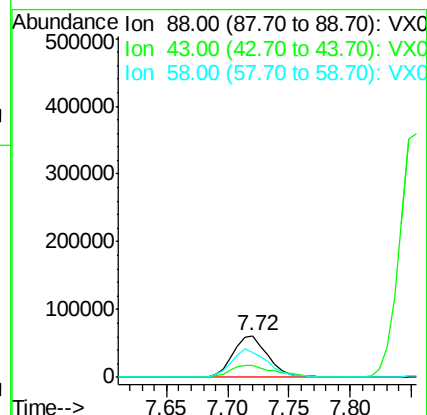
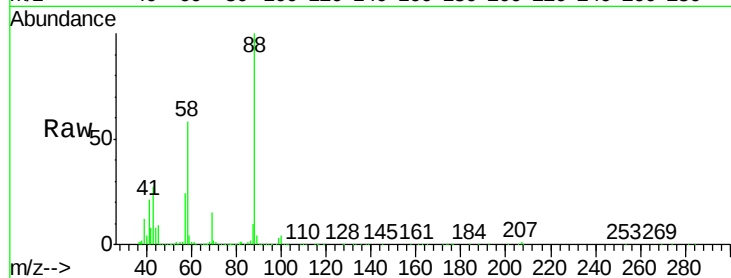
Tot Ion: 88 Resp: 121648

Ion Ratio Lower Upper

88 100

43 34.7 27.8 41.6

58 70.4 58.3 87.5



#50

Toluene-d8

Concen: 49.819 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017787.D

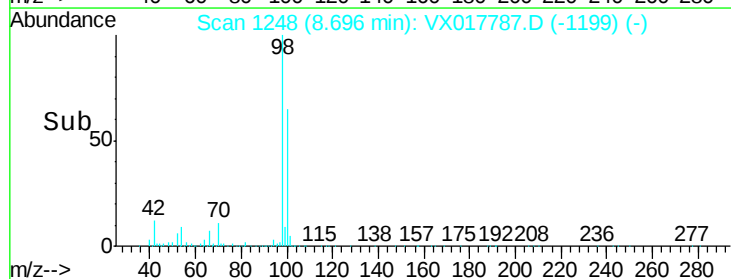
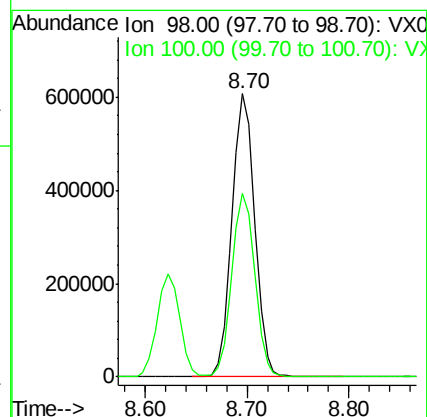
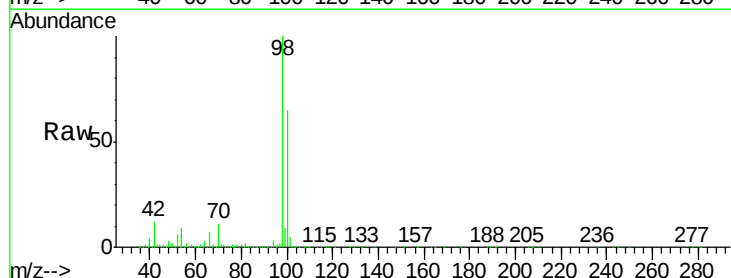
Acq: 05 Aug 2020 09:54

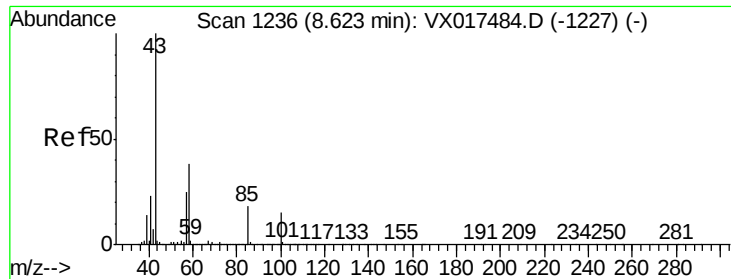
Tgt Ion: 98 Resp: 936374

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 283.953 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

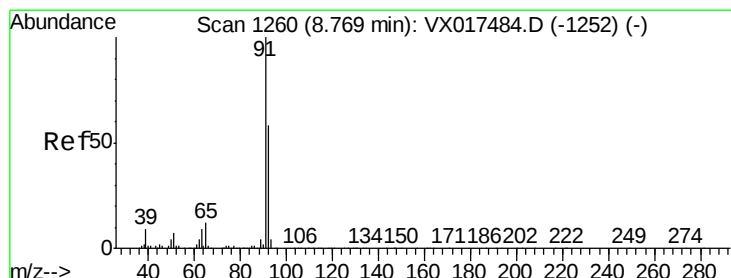
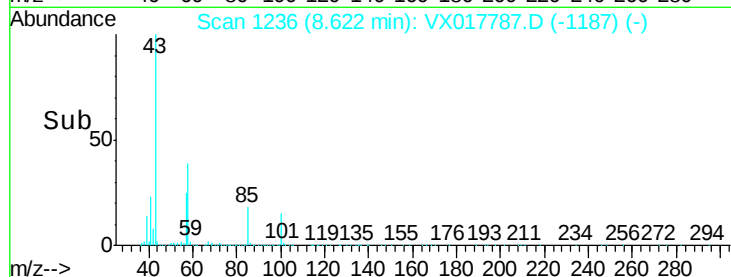
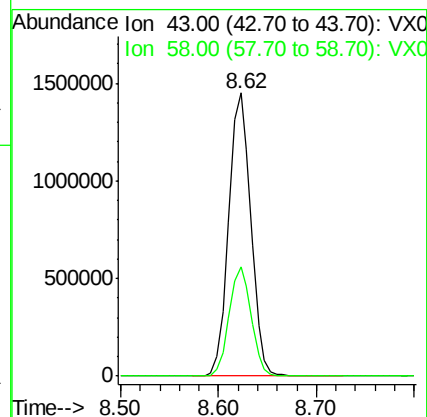
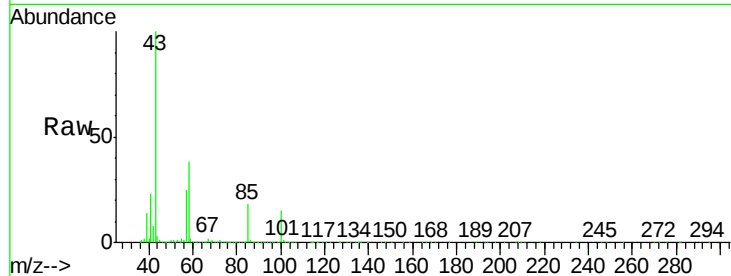
VSTDCCC050

Tot Ion: 43 Resp: 2285240

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 50.431 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017787.D

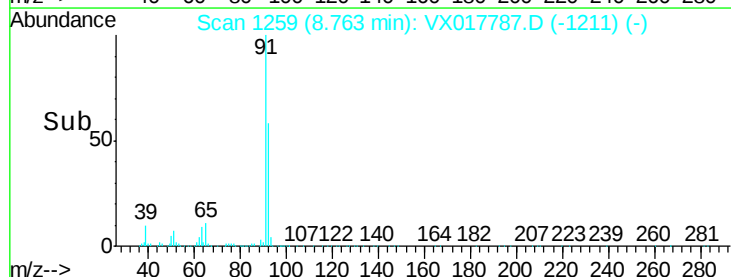
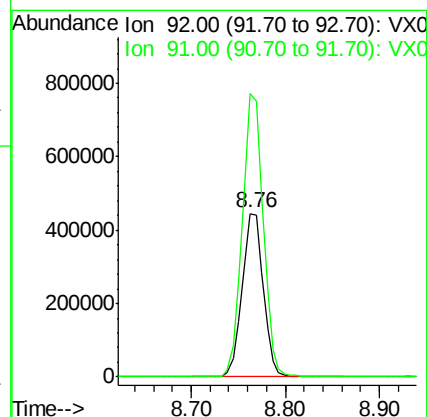
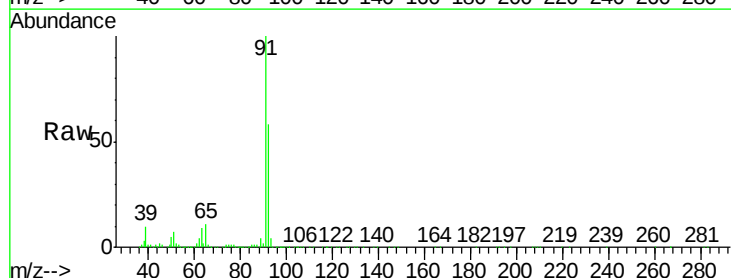
Acq: 05 Aug 2020 09:54

Tgt Ion: 92 Resp: 692789

Ion Ratio Lower Upper

92 100

91 172.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.678 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

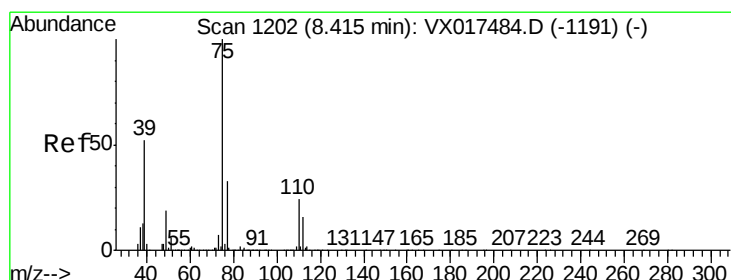
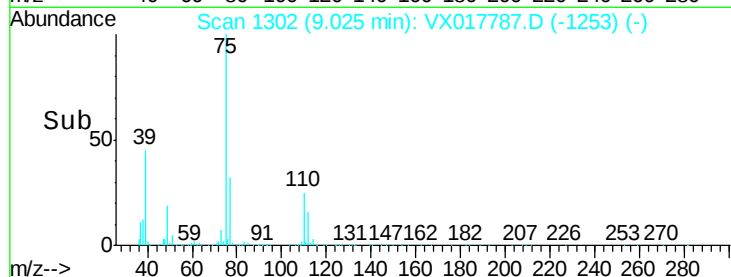
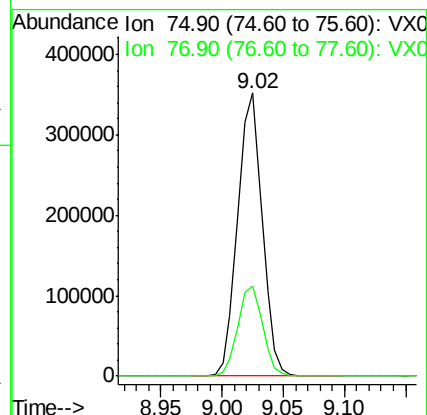
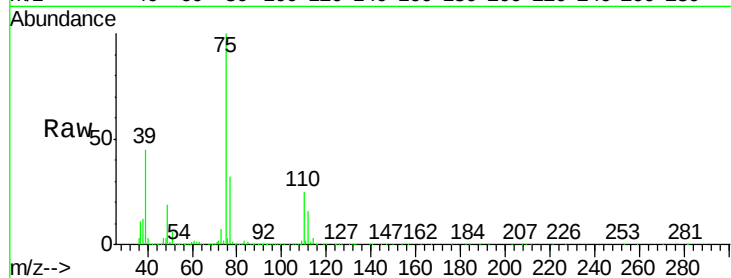
VSTDCCC050

Tot Ion: 75 Resp: 488477

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.398 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

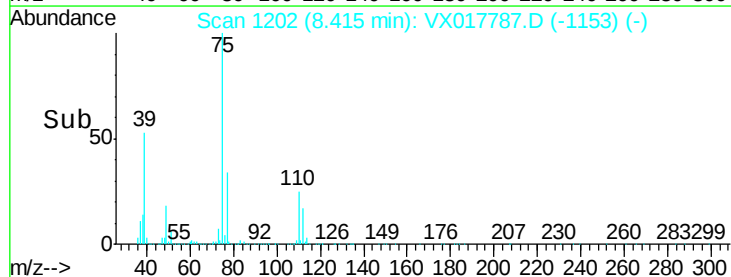
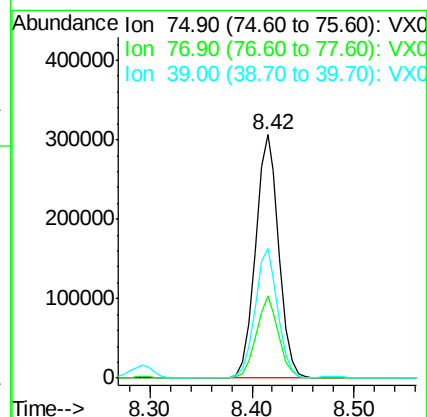
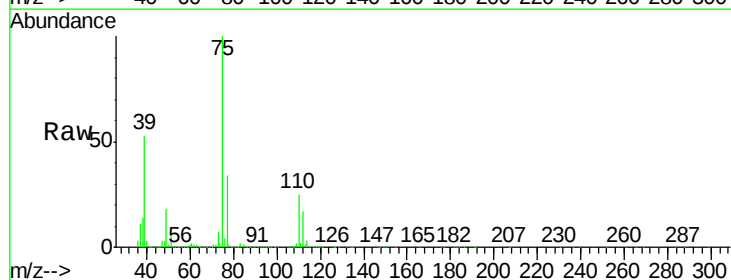
Tgt Ion: 75 Resp: 485907

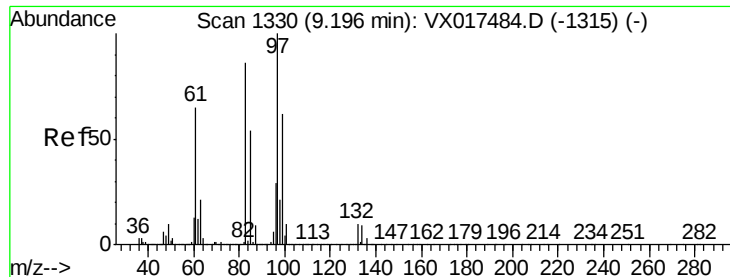
Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3

39 52.9 41.8 62.8

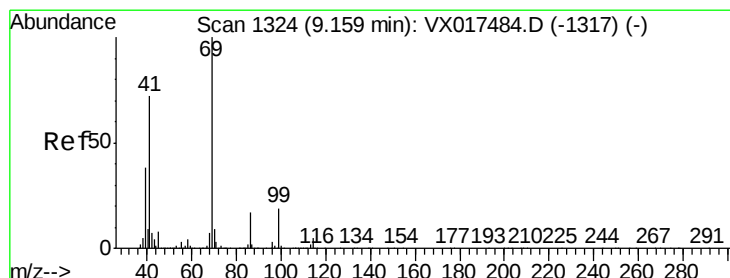
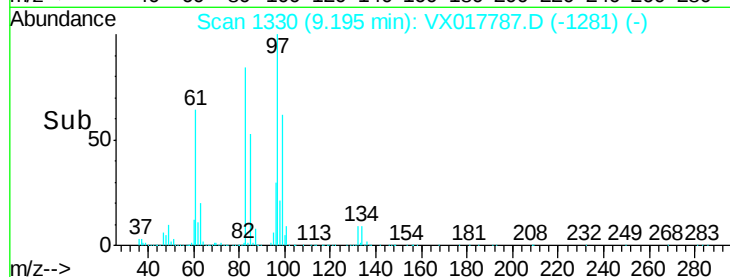
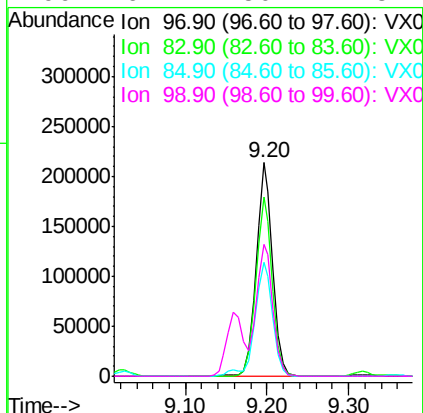
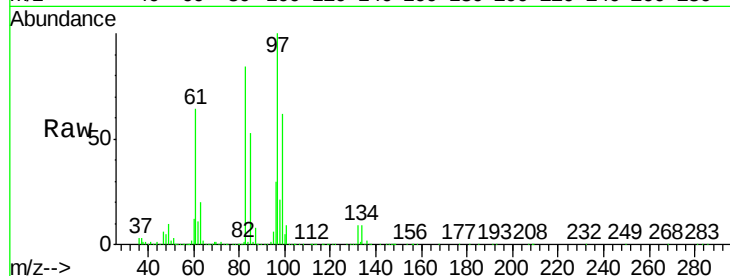




#55
 1,1,2-Trichloroethane
 Concen: 53.151 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

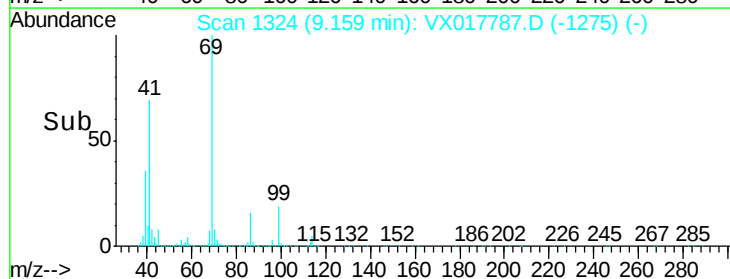
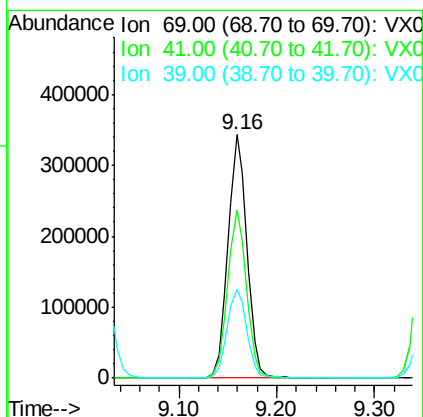
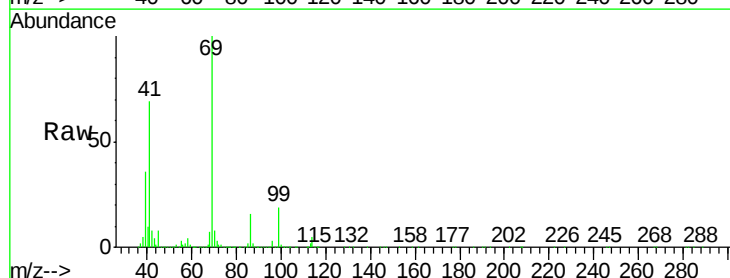
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

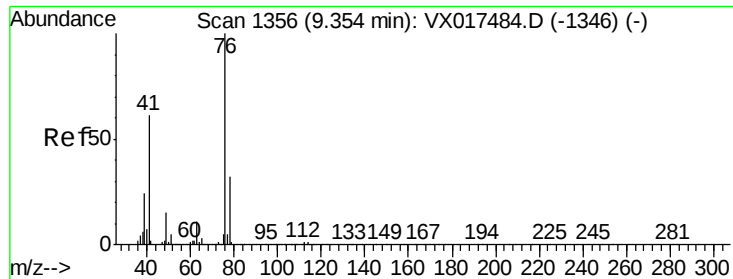
Tot Ion:	97	Resp:	304166
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.6	101.4
85	53.4	44.6	67.0
99	61.7	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 53.508 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion:	69	Resp:	461326
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.0	82.6
39	37.7	30.0	45.0





#57

1,3-Dichloropropane

Concen: 53.178 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

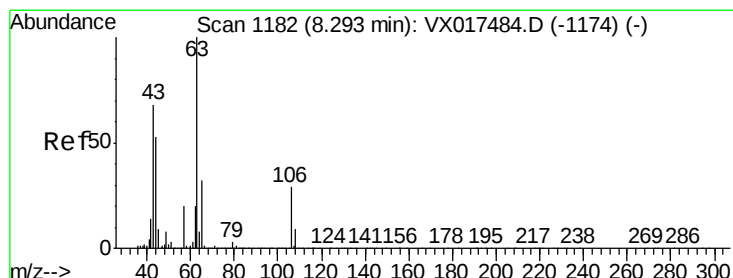
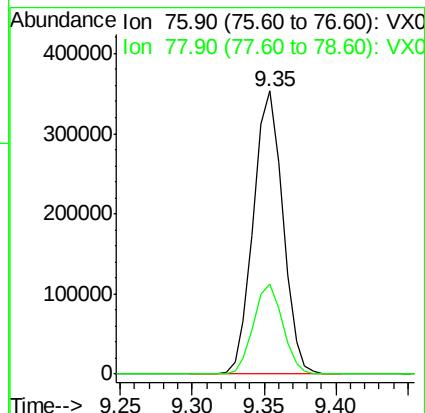
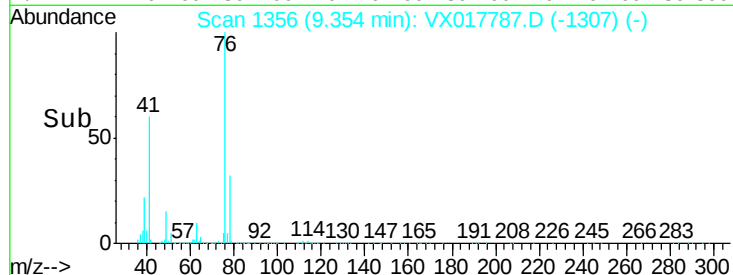
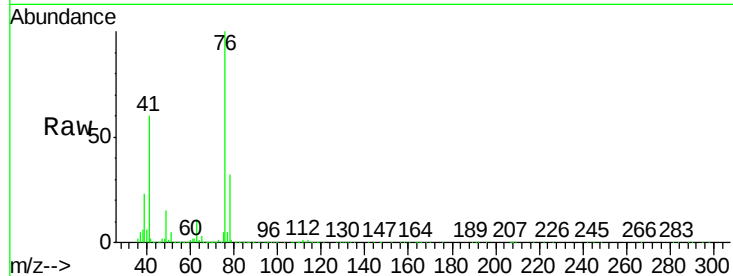
VSTDCCC050

Tot Ion: 76 Resp: 501099

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.086 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017787.D

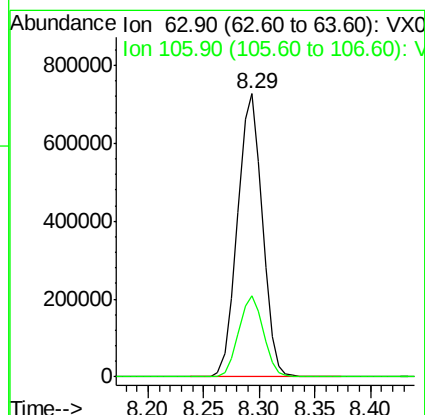
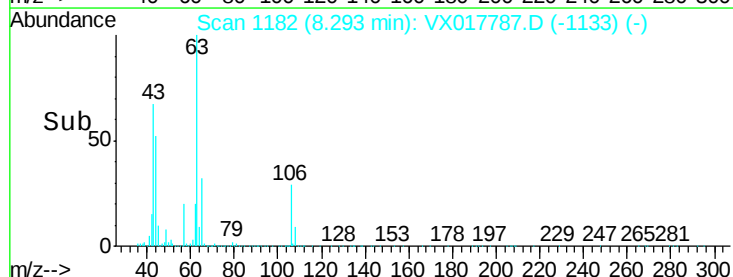
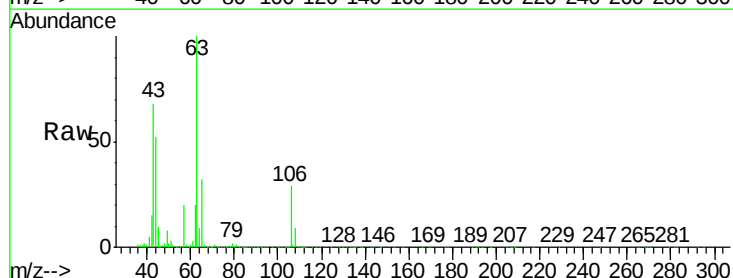
Acq: 05 Aug 2020 09:54

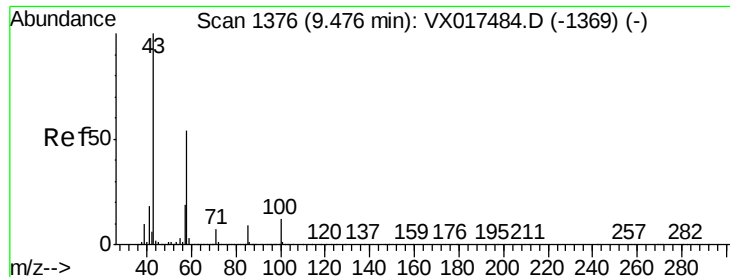
Tgt Ion: 63 Resp: 1122333

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0

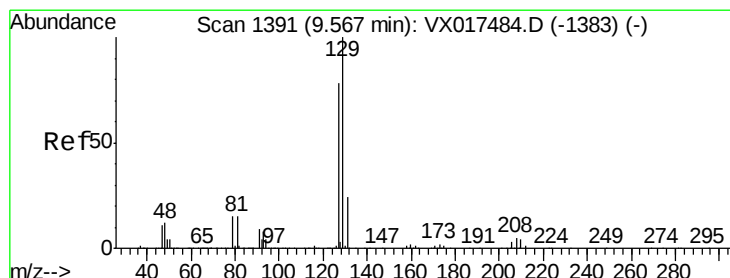
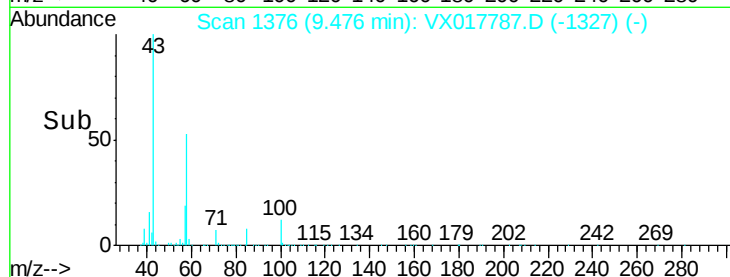
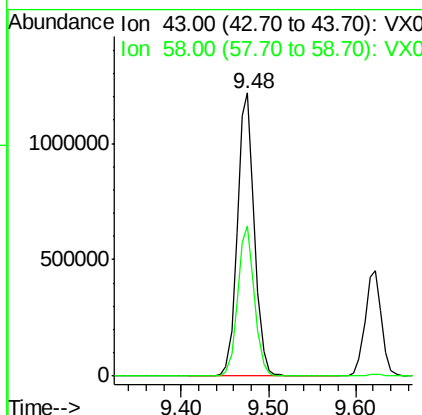
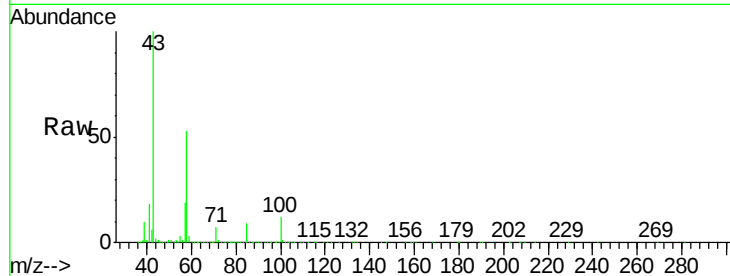




#59
2-Hexanone
Concen: 272.230 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

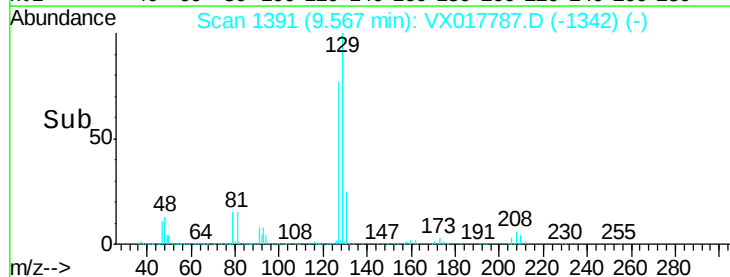
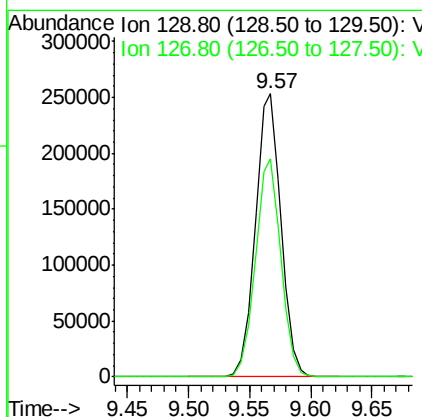
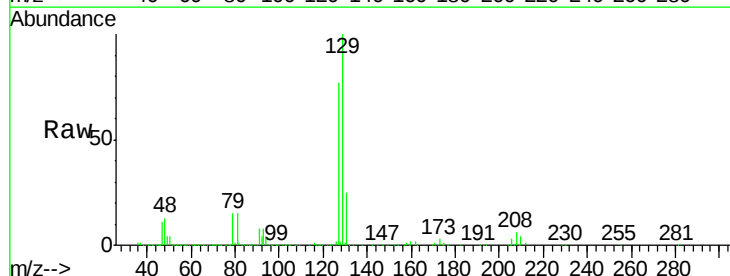
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

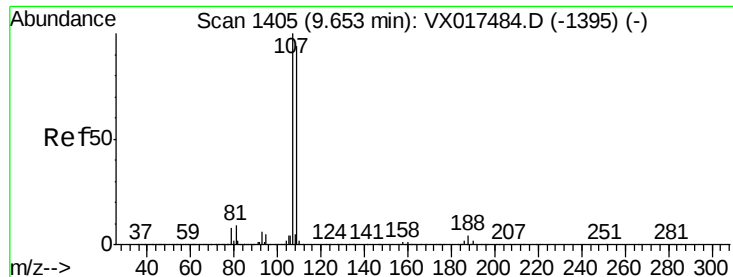
Tot Ion: 43 Resp: 1649495
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8



#60
Dibromochloromethane
Concen: 50.770 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 129 Resp: 369278
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.079 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

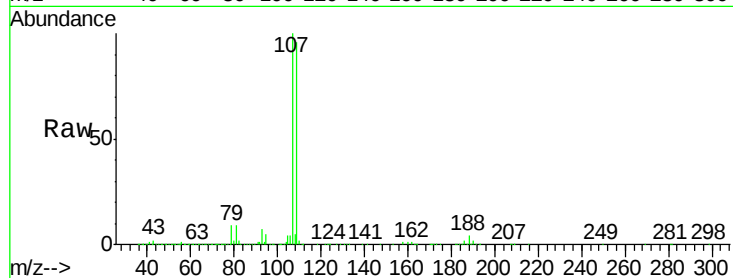
VSTDCCC050

Tot Ion:107 Resp: 323389

Ion Ratio Lower Upper

107 100

109 94.9 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

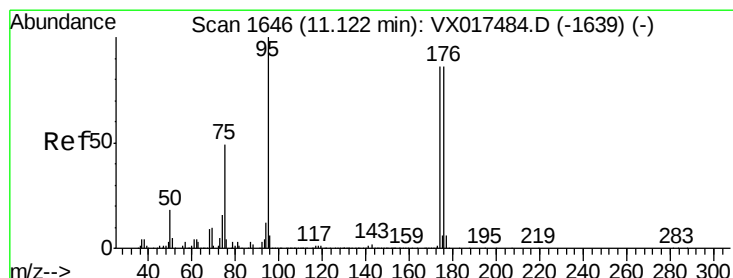
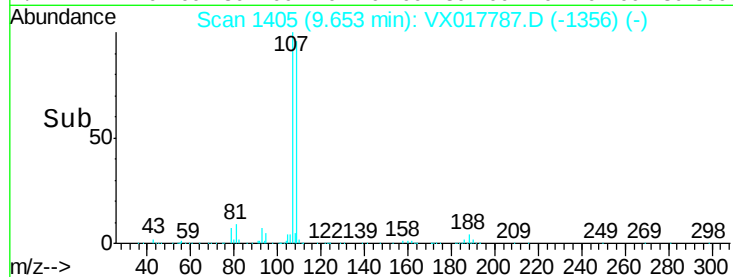
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.591 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

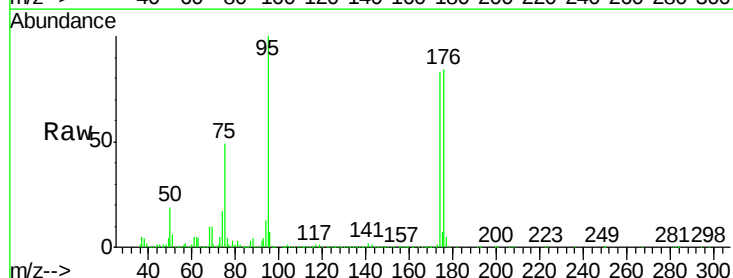
Tgt Ion: 95 Resp: 388068

Ion Ratio Lower Upper

95 100

174 81.3 0.0 169.0

176 80.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

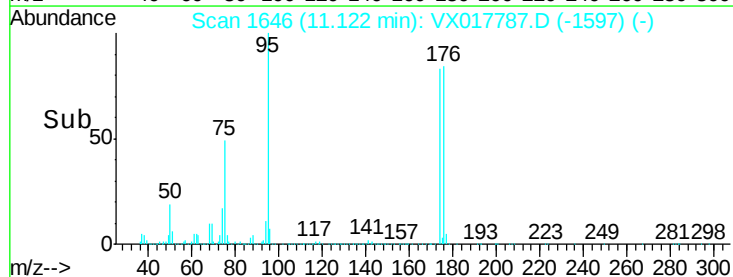
300000

200000

100000

0

Time-->

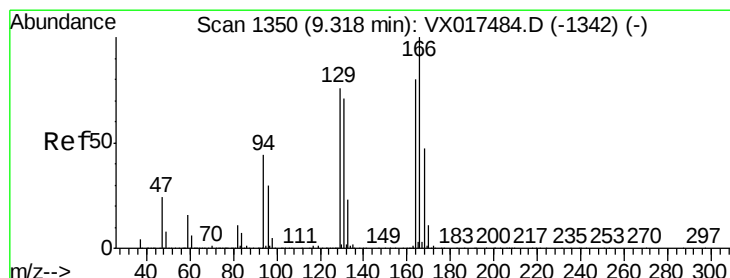
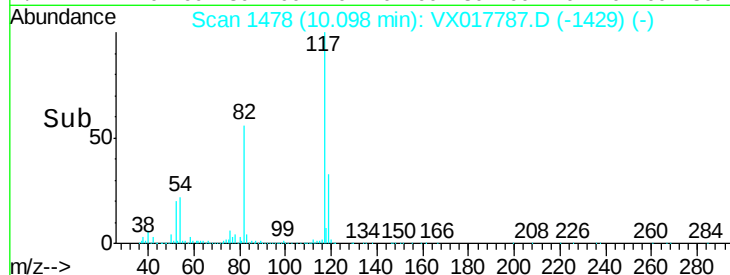
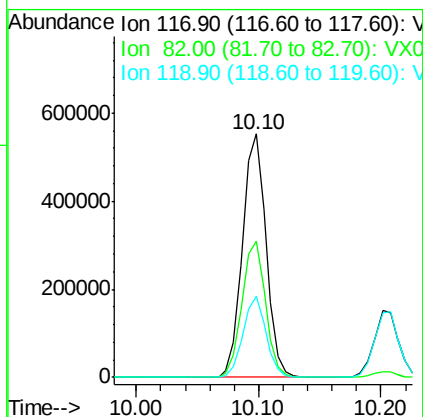
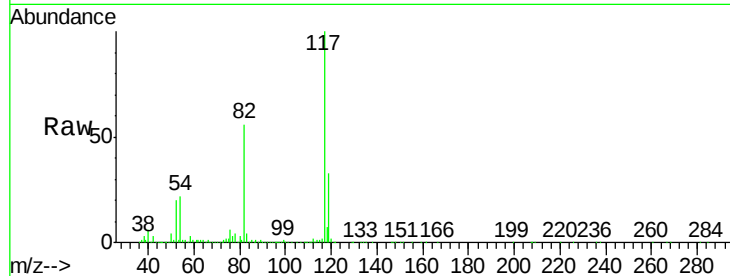




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

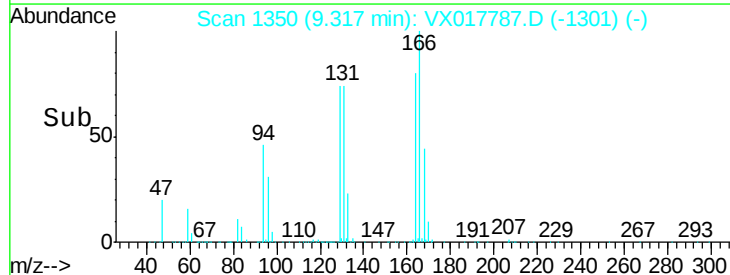
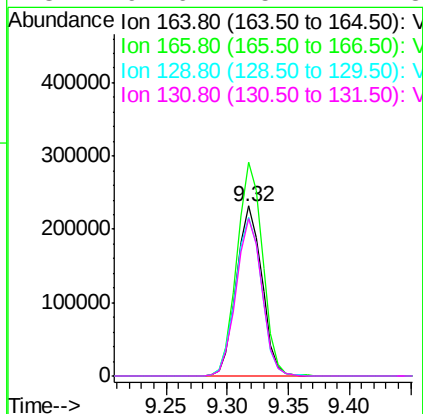
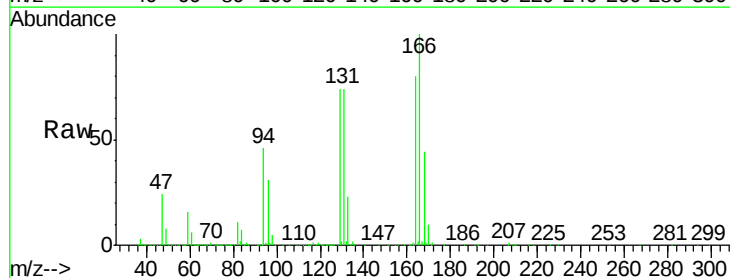
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 737844
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.5 25.4 38.0



#64
Tetrachloroethene
Concen: 50.544 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:164 Resp: 334718
Ion Ratio Lower Upper
164 100
166 125.8 100.6 150.8
129 93.3 75.0 112.6
131 92.6 75.2 112.8

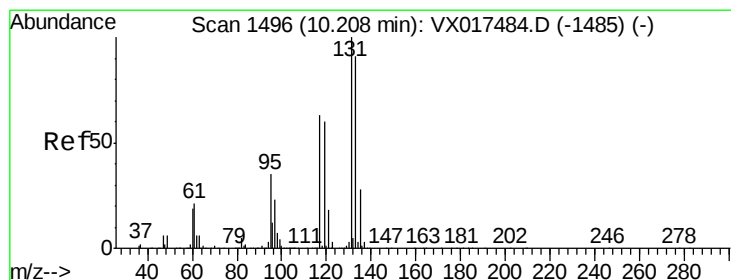
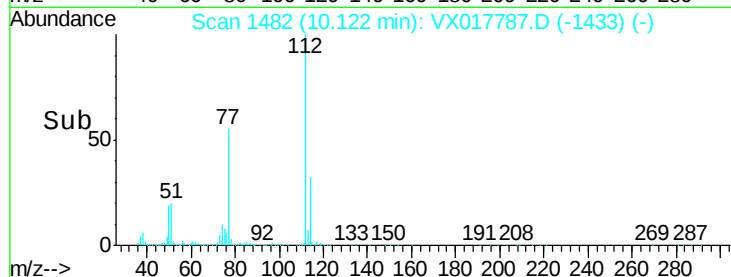
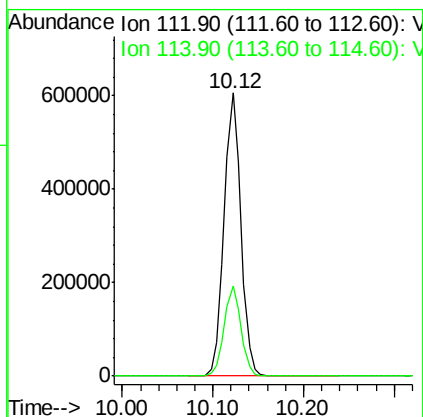
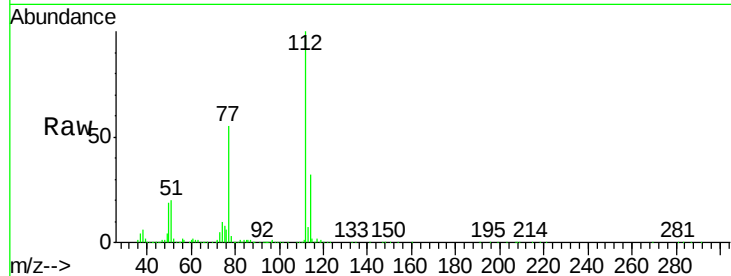




#65
Chlorobenzene
Concen: 49.191 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

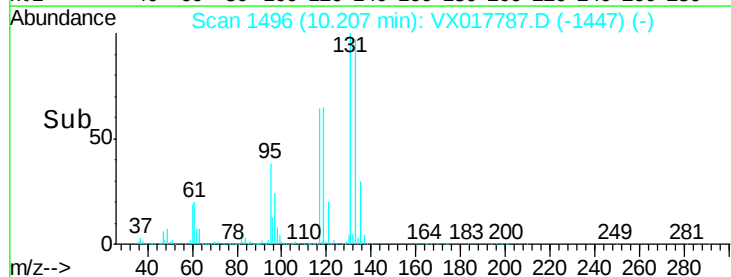
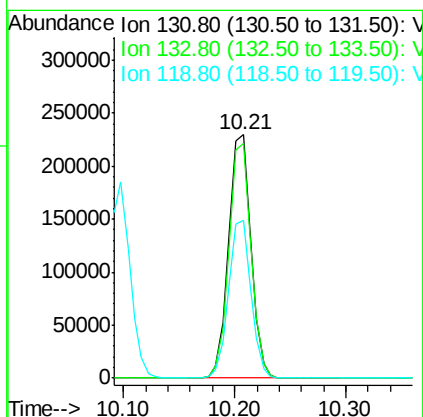
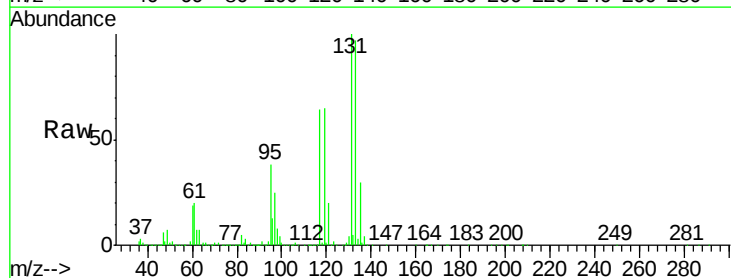
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

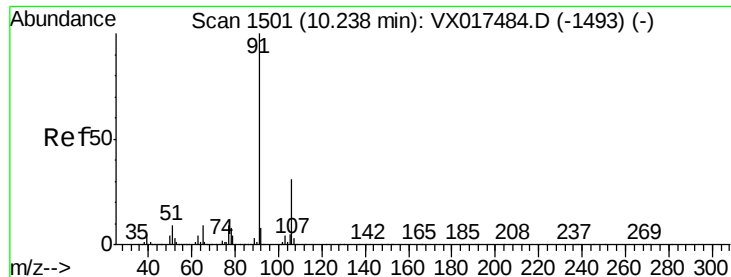
Tot Ion:112 Resp: 785626
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.688 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:131 Resp: 320267
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 64.7 31.1 93.3

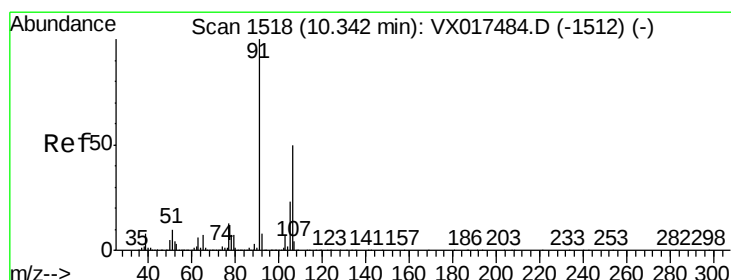
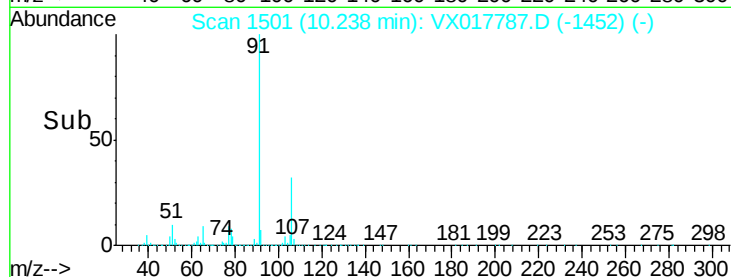
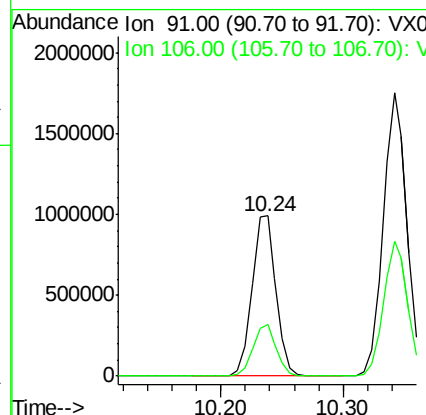
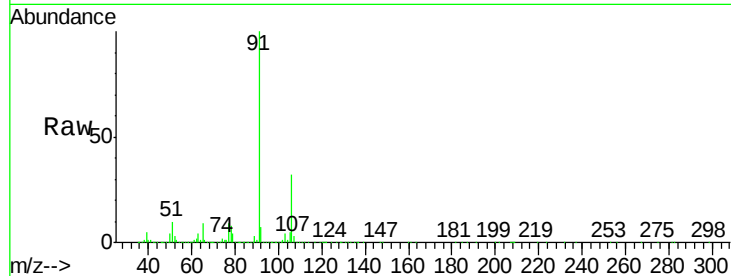




#67
Ethyl Benzene
Concen: 50.580 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

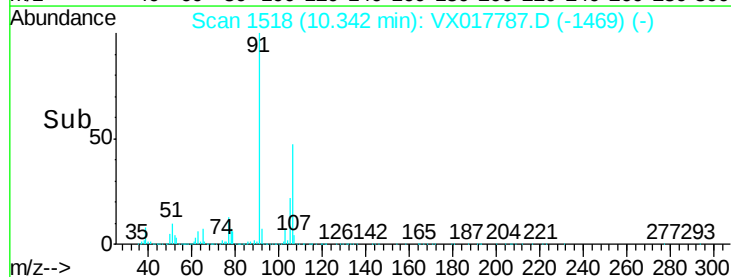
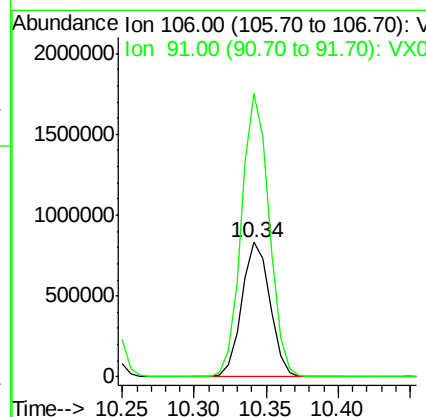
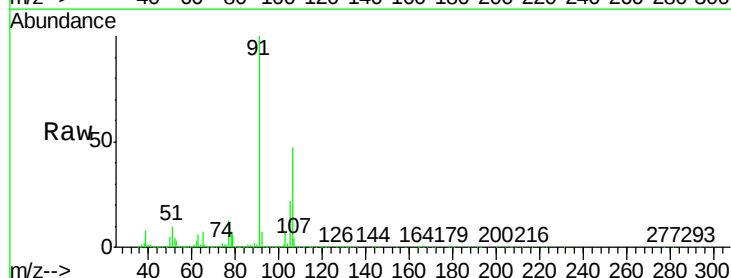
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1348429
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 109.492 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 106 Resp: 1130817
Ion Ratio Lower Upper
106 100
91 207.2 160.9 241.3

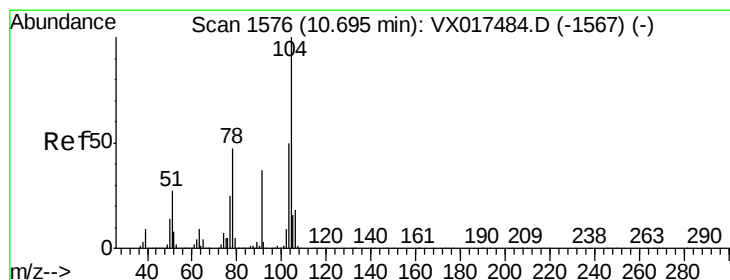
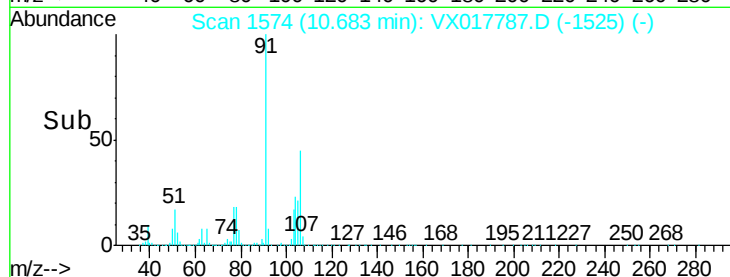
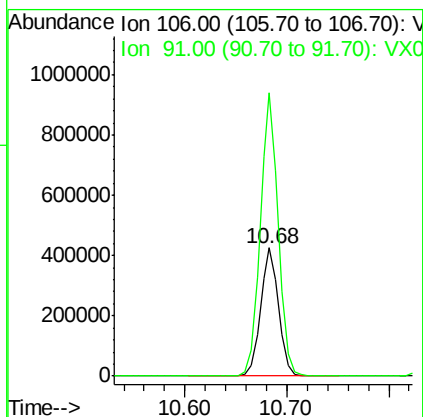
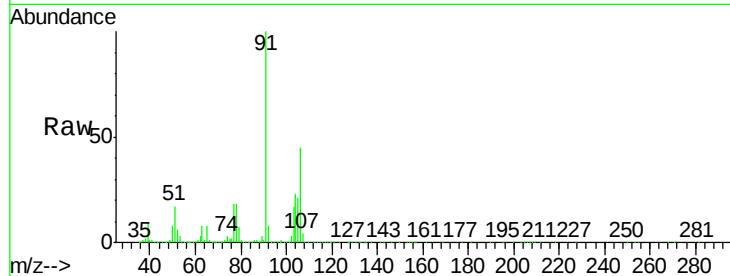




#69
o-Xylene
Concen: 52.872 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

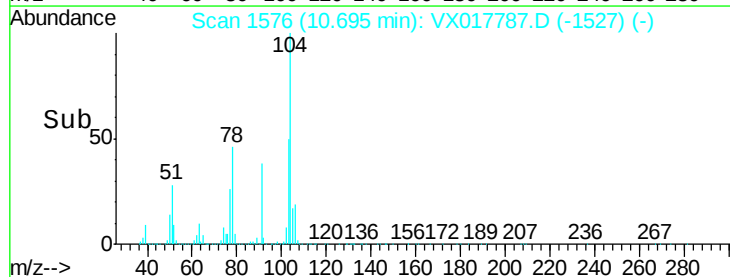
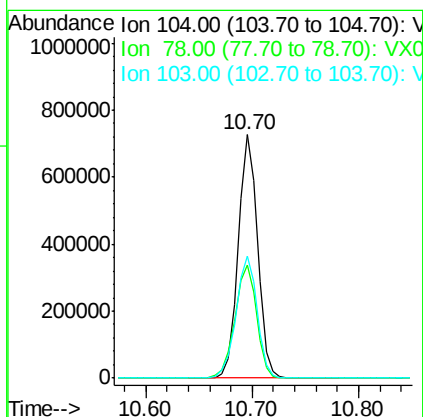
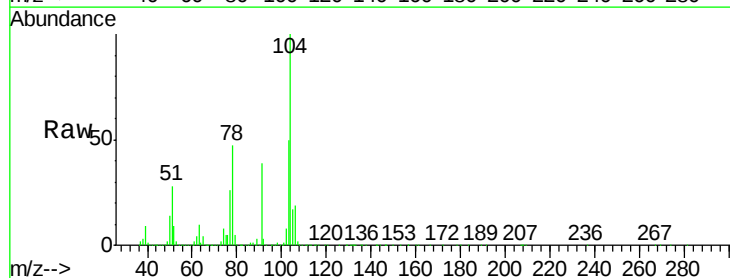
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 525180
Ion Ratio Lower Upper
106 100
91 219.9 108.2 324.6



#70
Styrene
Concen: 54.986 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:104 Resp: 929269
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 54.6 44.3 66.5





#71

Bromoform

Concen: 50.884 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

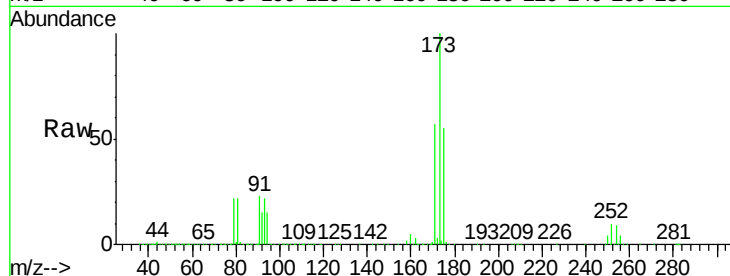
Tot Ion:173 Resp: 284153

Ion Ratio Lower Upper

173 100

175 49.8 23.8 71.5

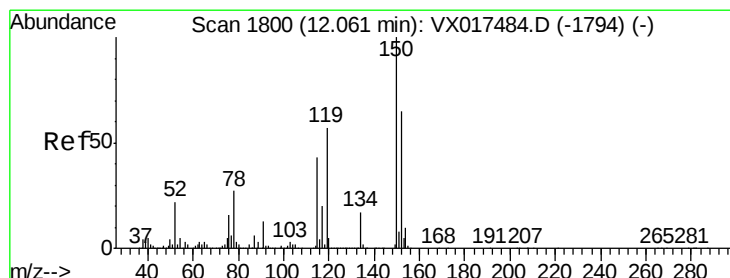
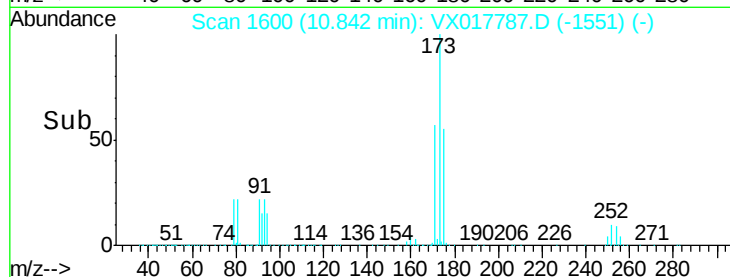
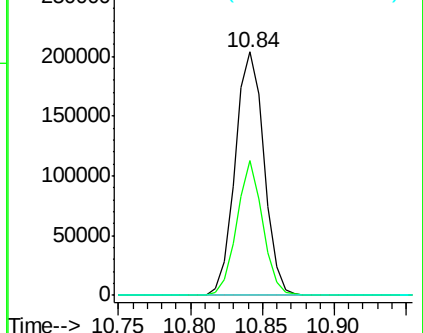
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

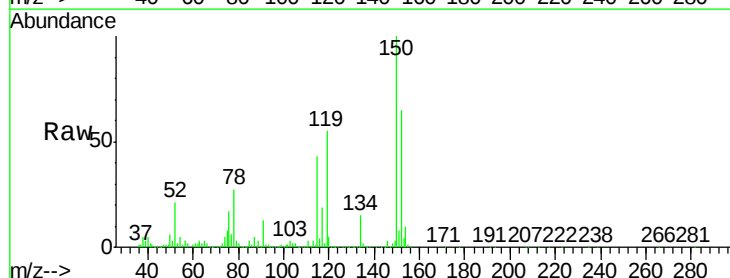
Tgt Ion:152 Resp: 388517

Ion Ratio Lower Upper

152 100

115 82.9 65.5 196.6

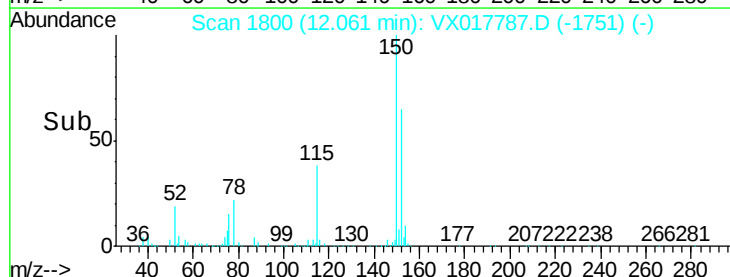
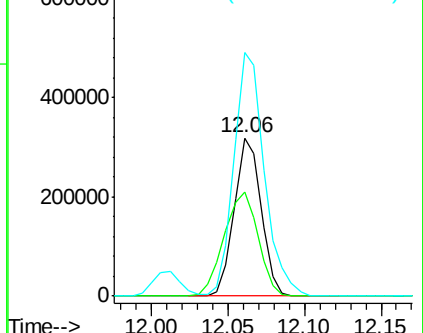
150 174.5 0.0 412.6

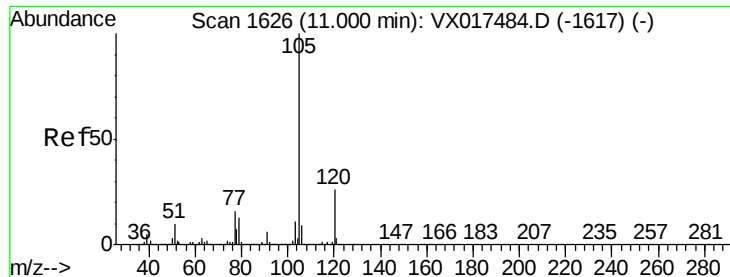


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.281 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

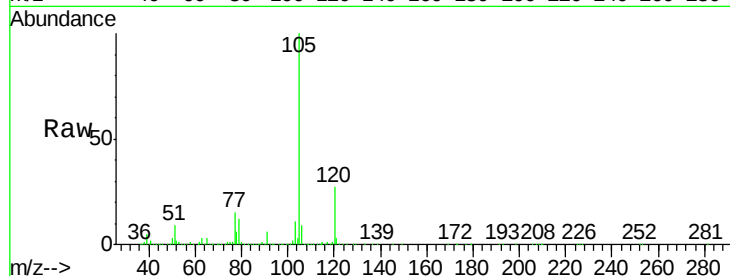
VSTDCCC050

Tot Ion:105 Resp: 1473415

Ion Ratio Lower Upper

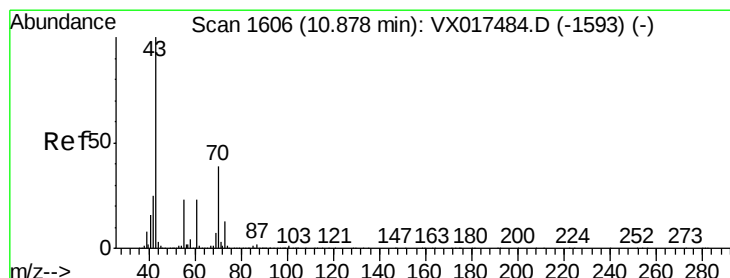
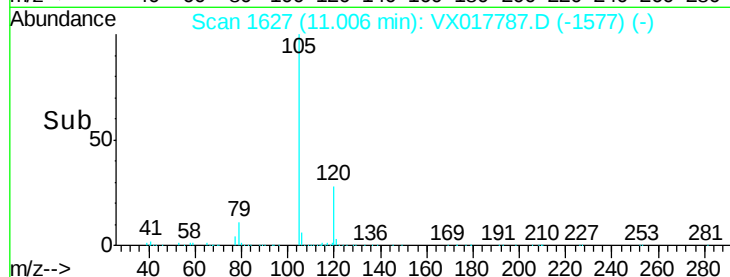
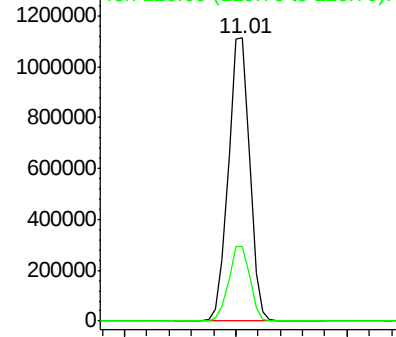
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.137 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion: 43 Resp: 641097

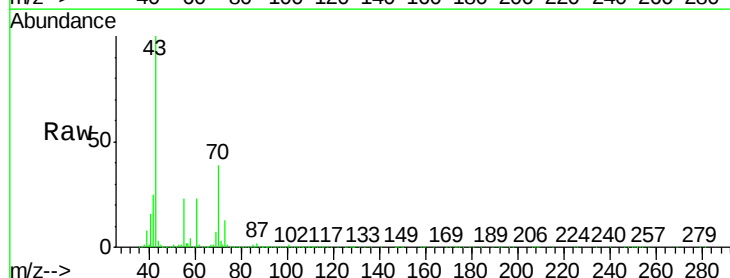
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.1 18.4 27.6

61 23.7 18.6 28.0

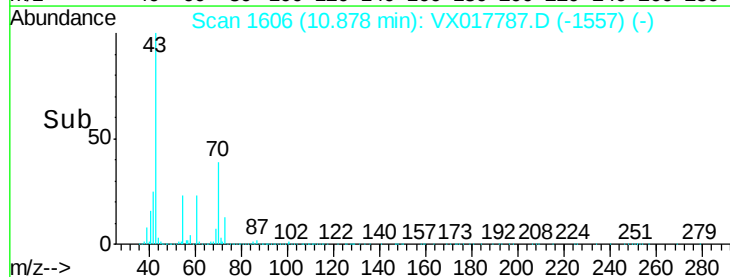
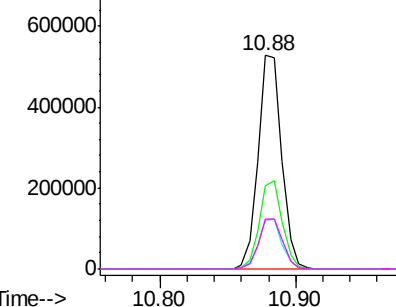


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.577 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

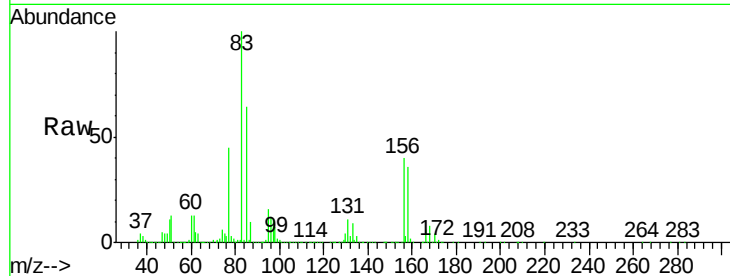
Tot Ion: 83 Resp: 437405

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

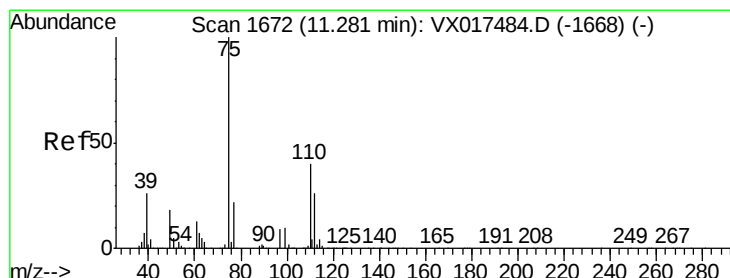
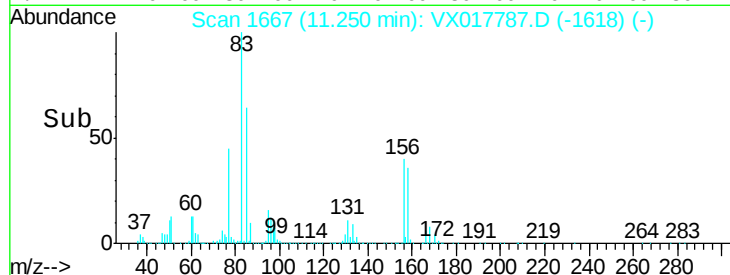
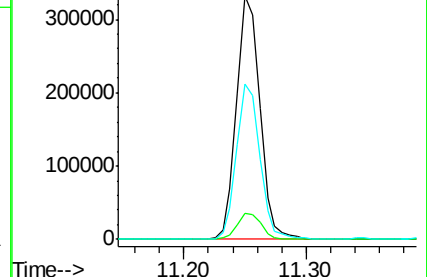
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.051 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017787.D

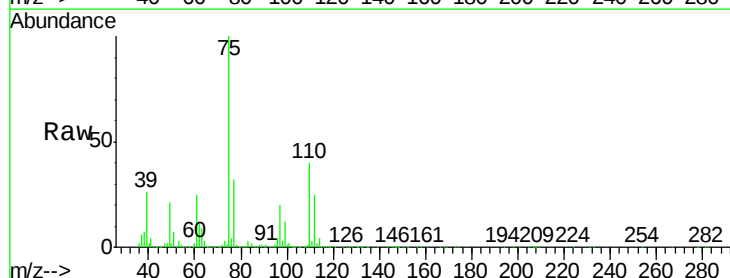
Acq: 05 Aug 2020 09:54

Tgt Ion: 75 Resp: 423983

Ion Ratio Lower Upper

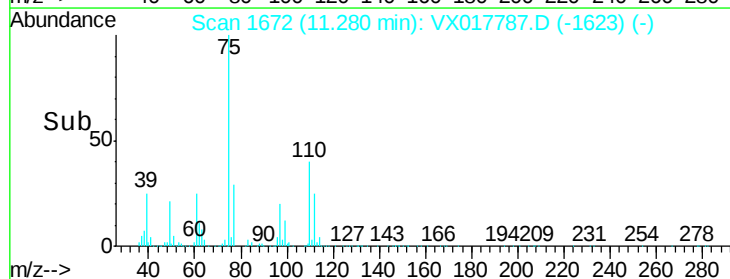
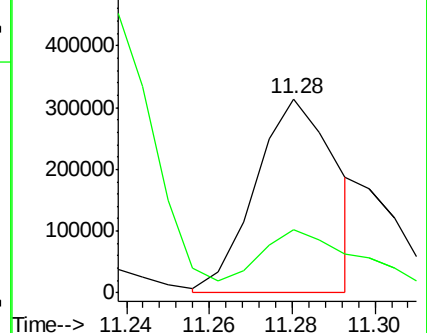
75 100

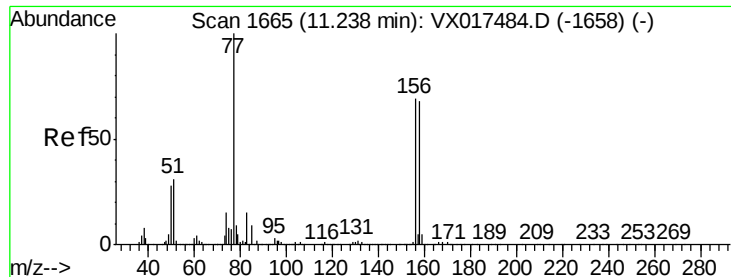
77 41.7 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.074 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

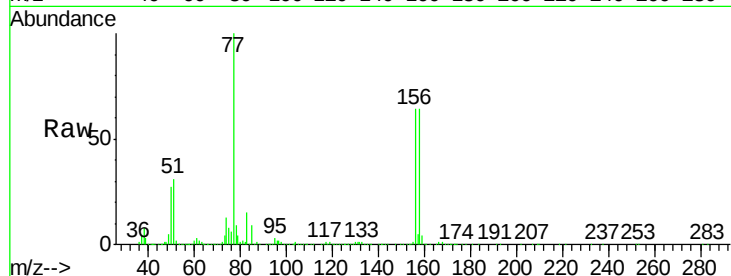
Tot Ion:156 Resp: 373631

Ion Ratio Lower Upper

156 100

77 154.7 75.0 225.0

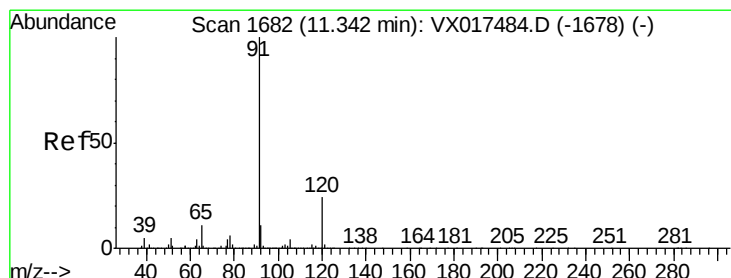
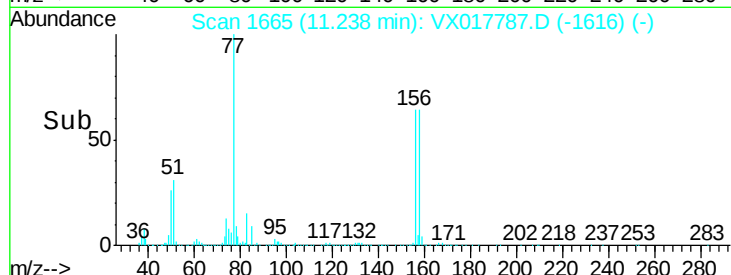
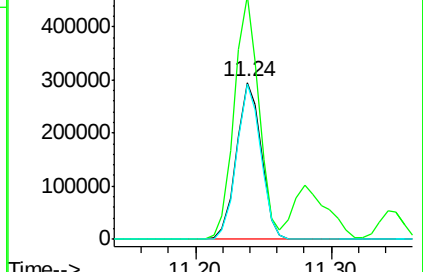
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.583 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017787.D

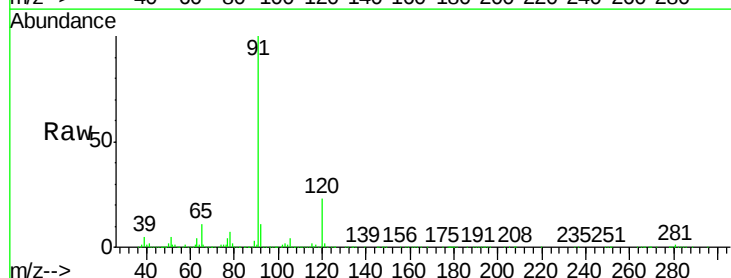
Acq: 05 Aug 2020 09:54

Tgt Ion: 91 Resp: 1640793

Ion Ratio Lower Upper

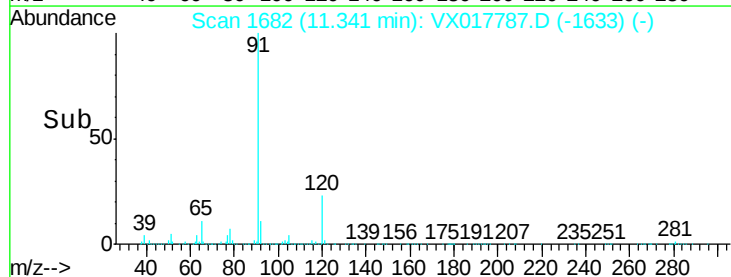
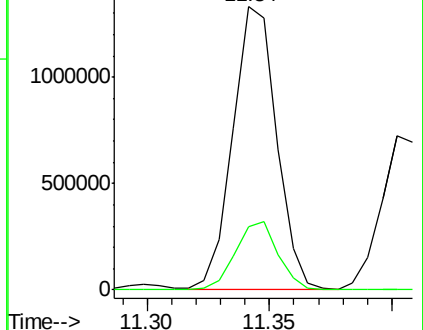
91 100

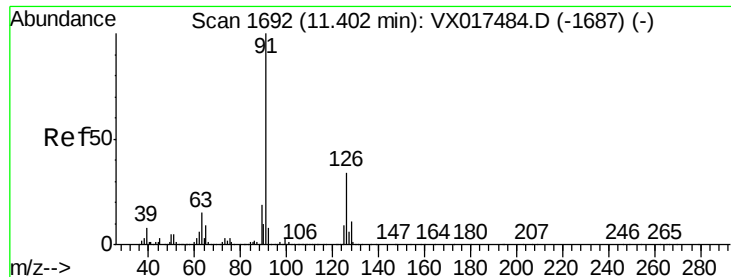
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

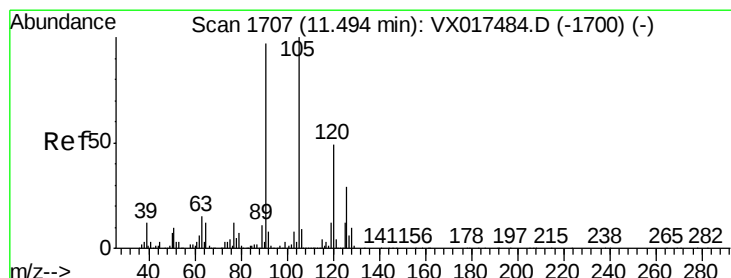
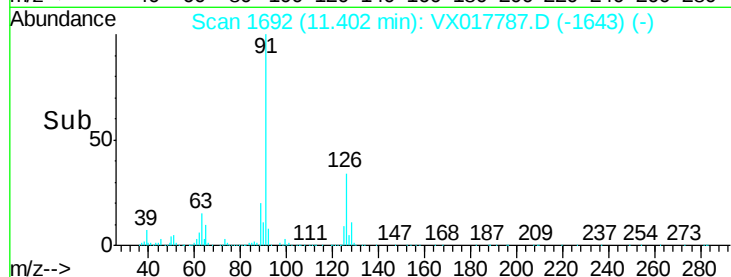
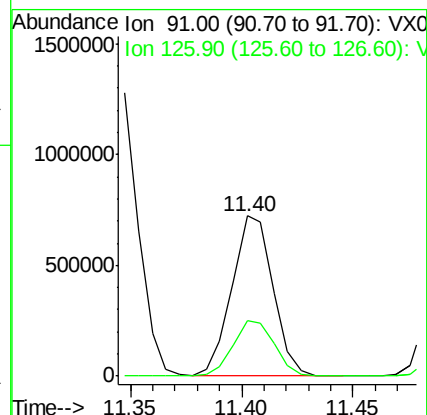
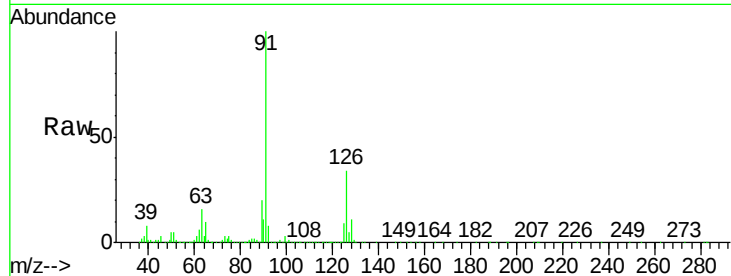




#79
2-Chlorotoluene
Concen: 49.702 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

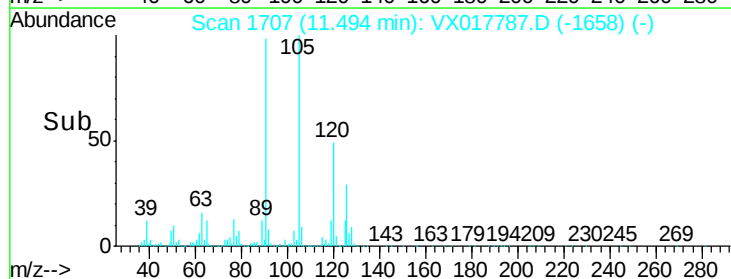
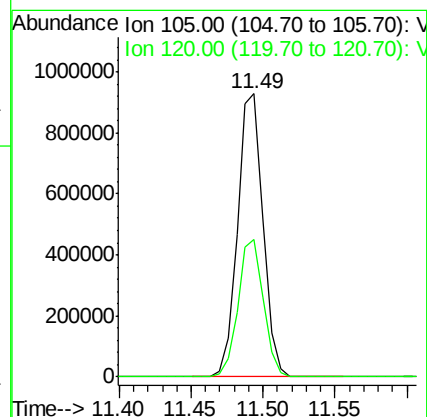
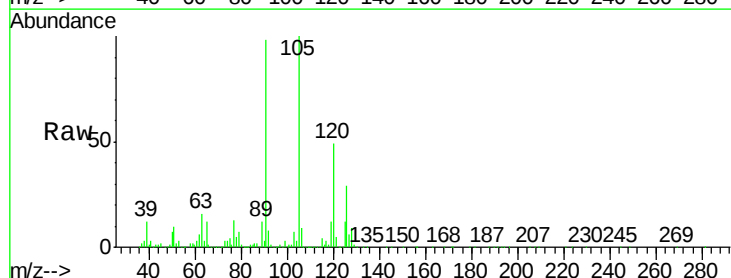
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 925508
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.316 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:105 Resp: 1145011
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.435 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

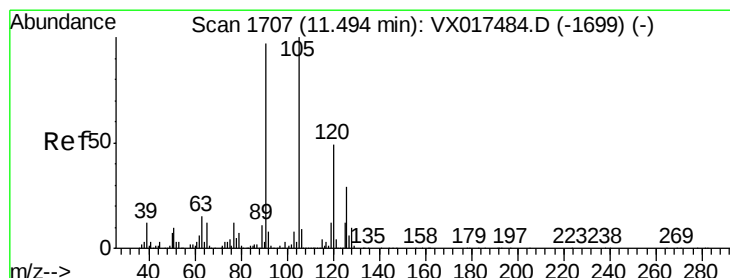
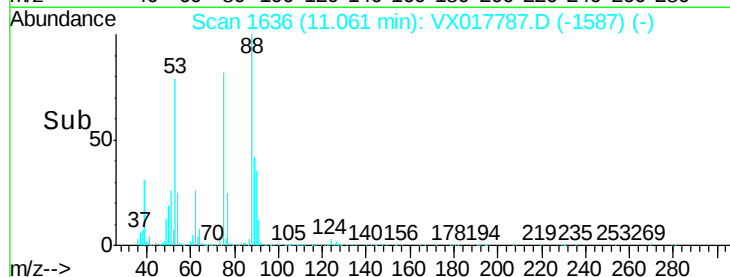
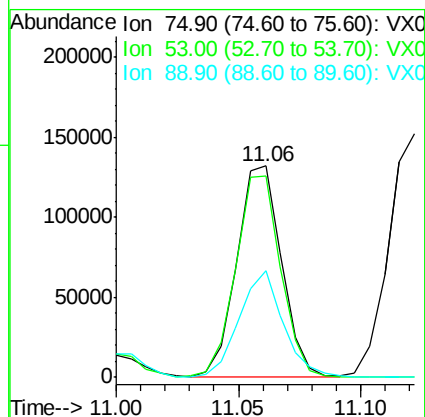
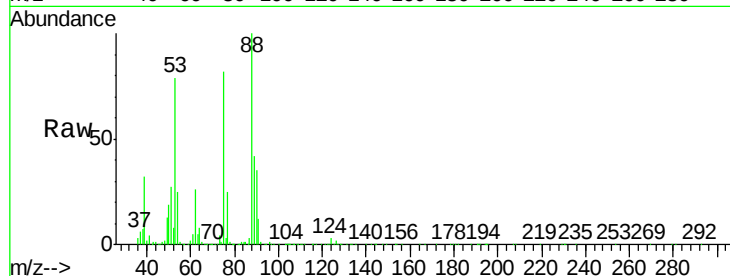
Tot Ion: 75 Resp: 166309

Ion Ratio Lower Upper

75 100

53 96.9 75.9 113.9

89 50.1 37.8 56.6



#82

4-Chlorotoluene

Concen: 49.892 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017787.D

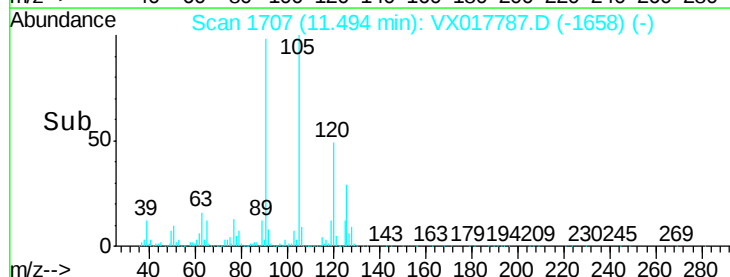
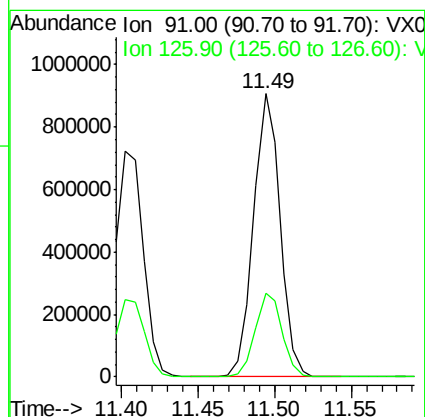
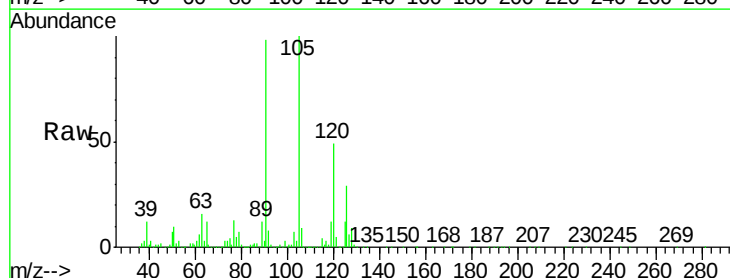
Acq: 05 Aug 2020 09:54

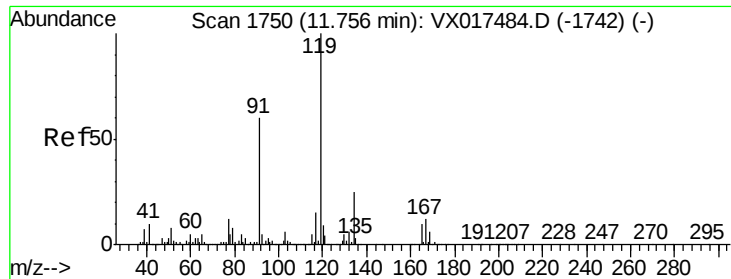
Tgt Ion: 91 Resp: 1095920

Ion Ratio Lower Upper

91 100

126 30.0 15.2 45.6

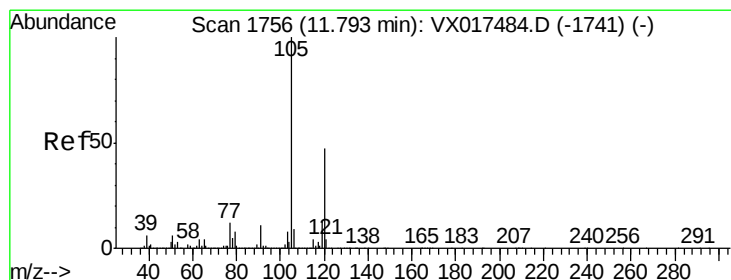
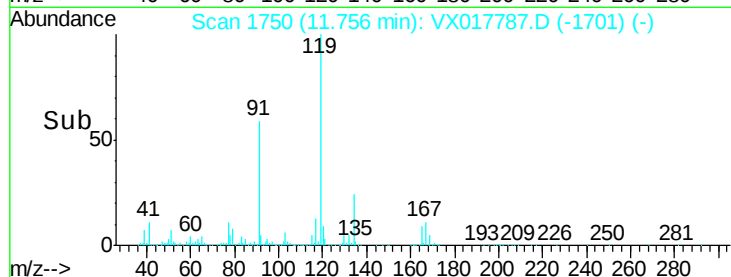
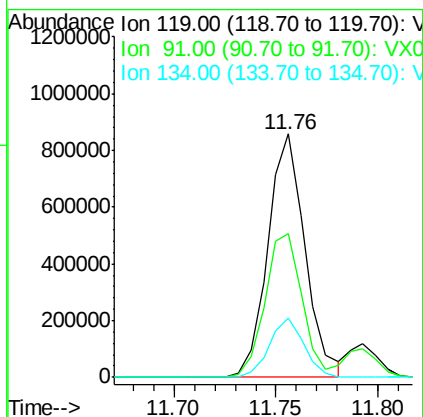
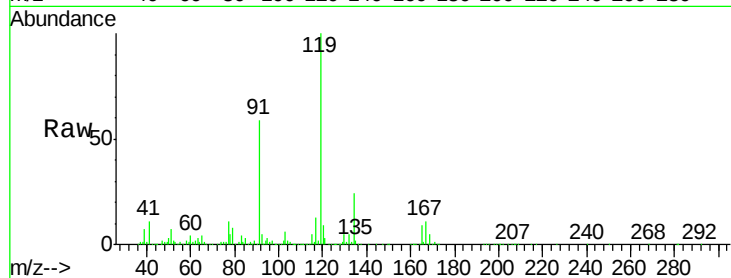




#83
tert-Butylbenzene
Concen: 49.916 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

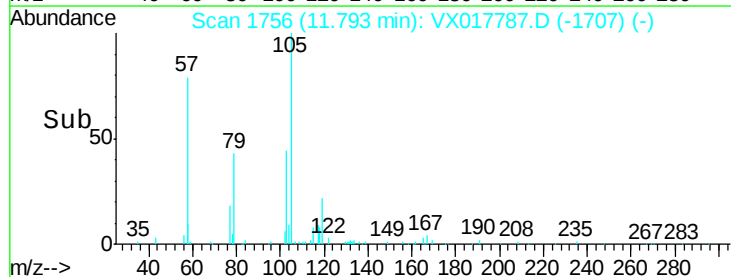
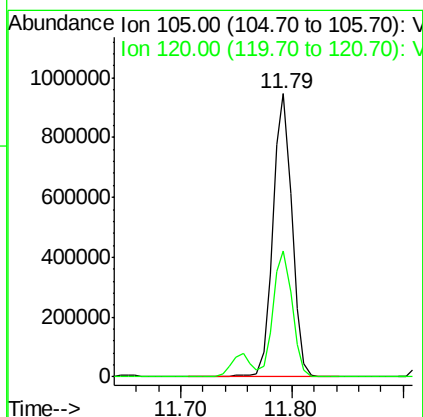
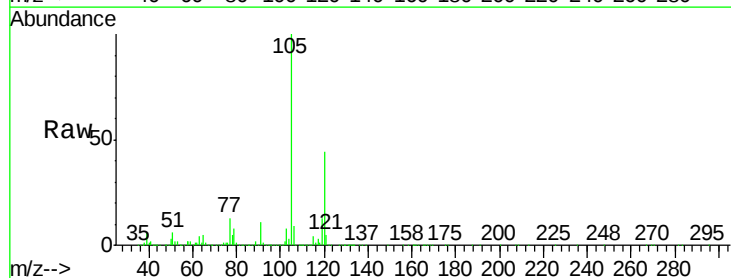
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

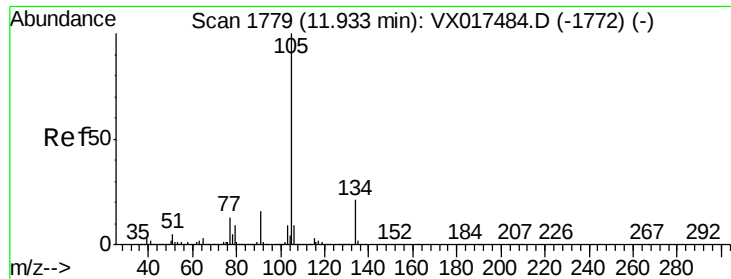
Tot Ion:119 Resp: 1086913
Ion Ratio Lower Upper
119 100
91 59.0 29.3 88.0
134 22.6 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 49.738 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion:105 Resp: 1125771
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.0

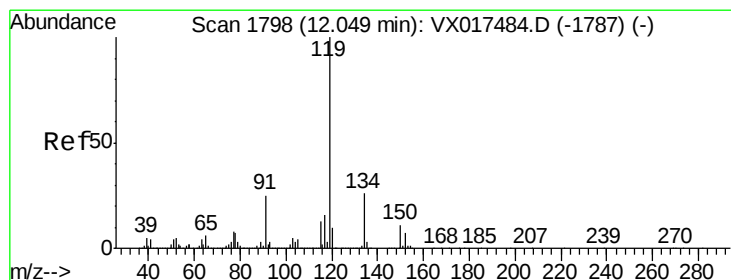
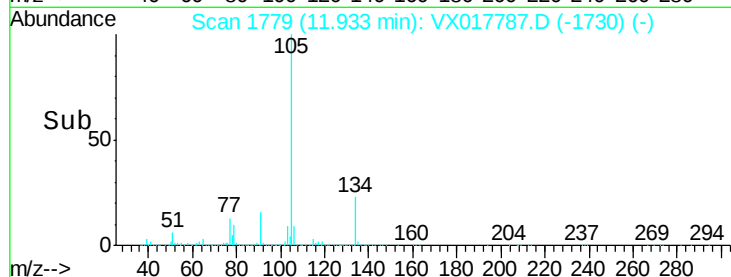
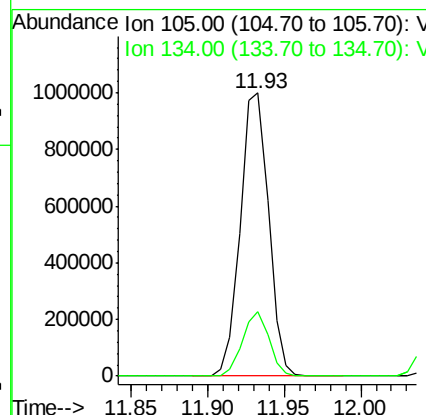
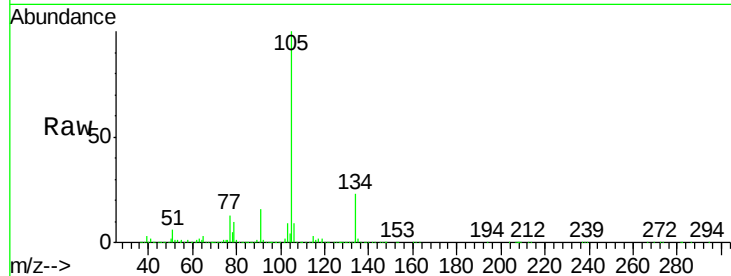




#85
 sec-Butylbenzene
 Concen: 50.390 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

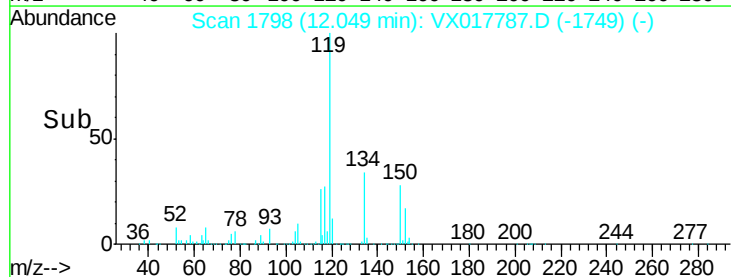
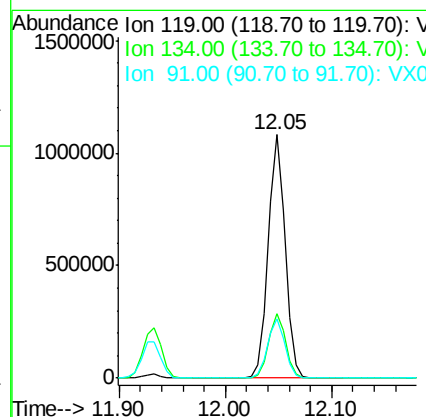
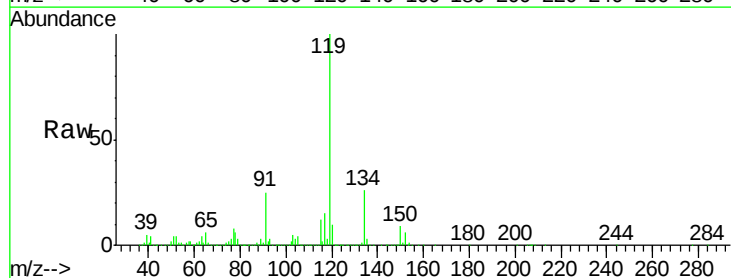
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

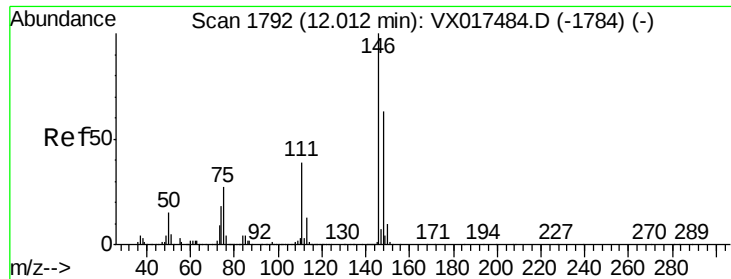
Tot Ion:105 Resp: 1278202
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.290 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017787.D
 Acq: 05 Aug 2020 09:54

Tgt Ion:119 Resp: 1214799
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.602 ug/l

RT: 12.01 min Scan# 1792

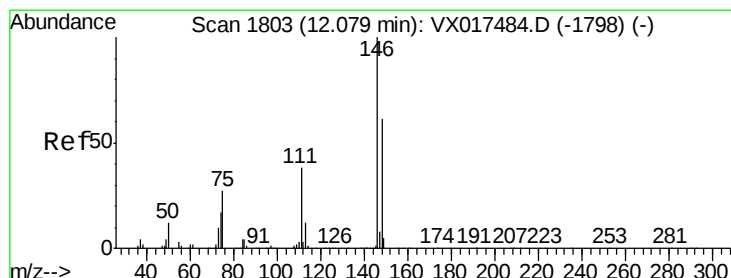
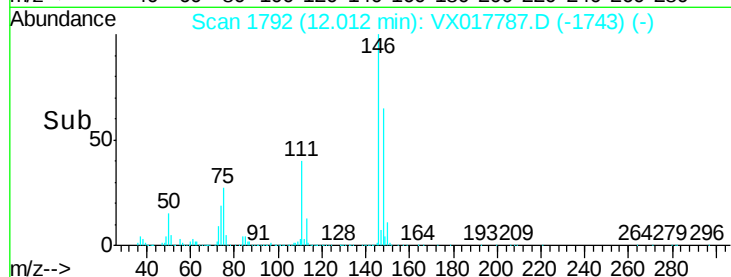
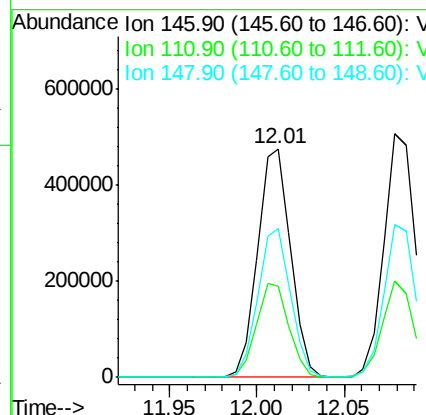
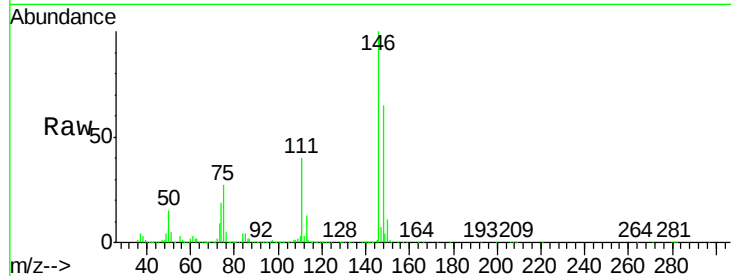
Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	64.6	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 47.618 ug/l

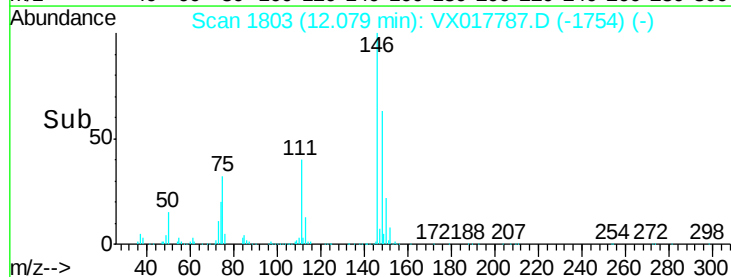
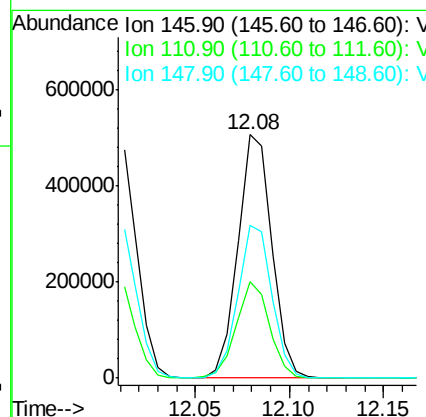
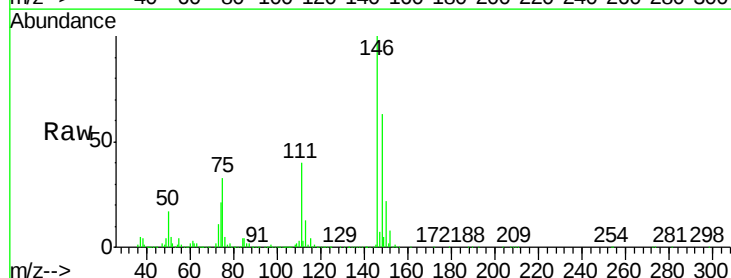
RT: 12.08 min Scan# 1803

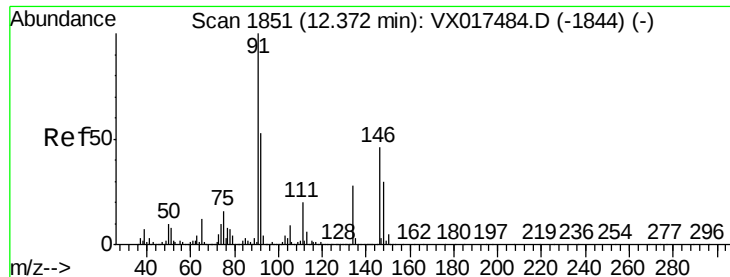
Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	63.1	32.2	96.6

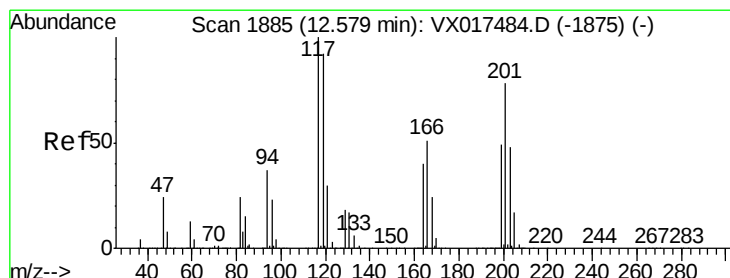
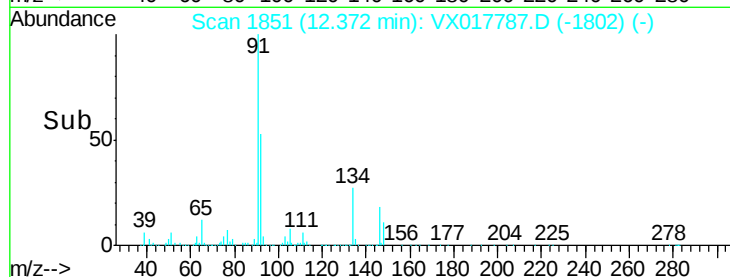
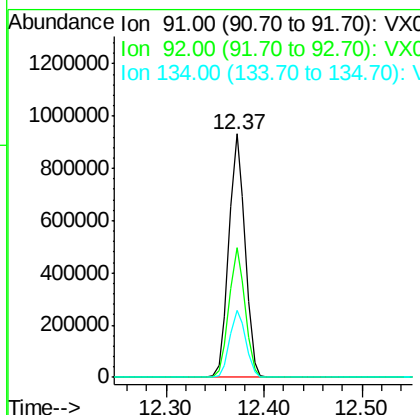
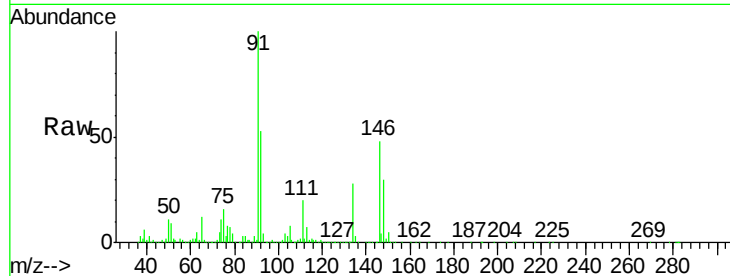




#89
n-Butylbenzene
Concen: 49.637 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

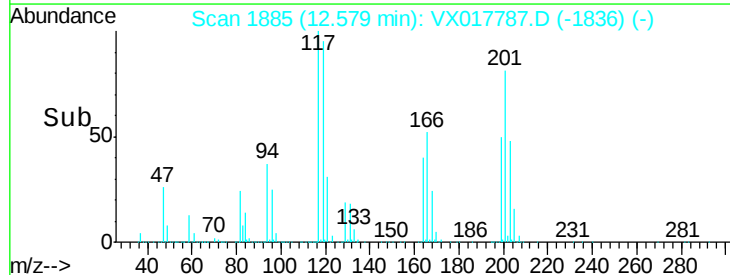
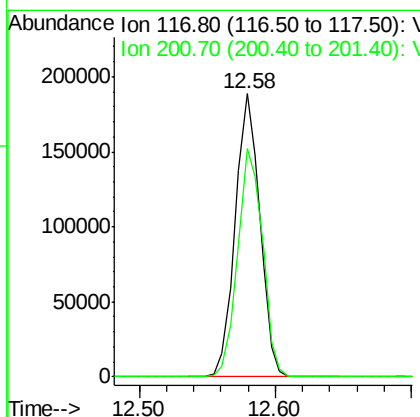
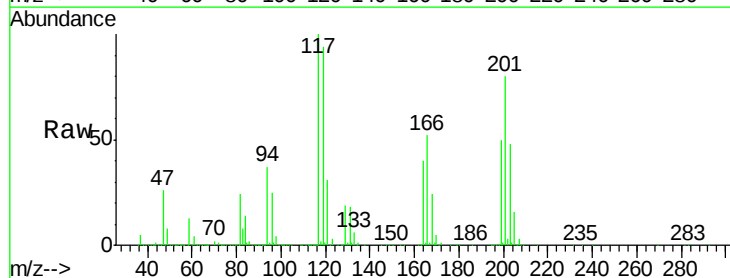
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

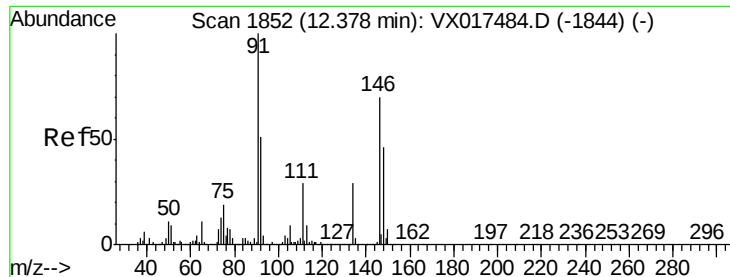
Tot Ion: 91 Resp: 1068414
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 27.4 13.6 40.7



#90
Hexachloroethane
Concen: 49.889 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017787.D
Acq: 05 Aug 2020 09:54

Tgt Ion: 117 Resp: 237592
Ion Ratio Lower Upper
117 100
201 81.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 48.130 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

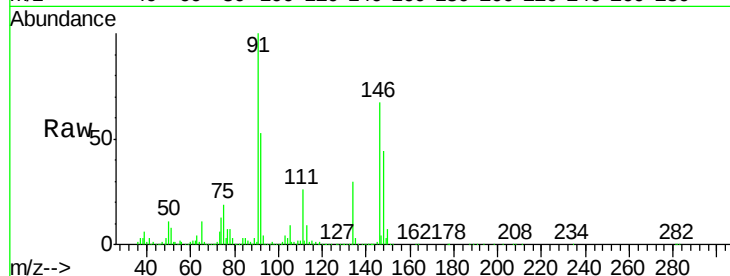
Tot Ion:146 Resp: 606121

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

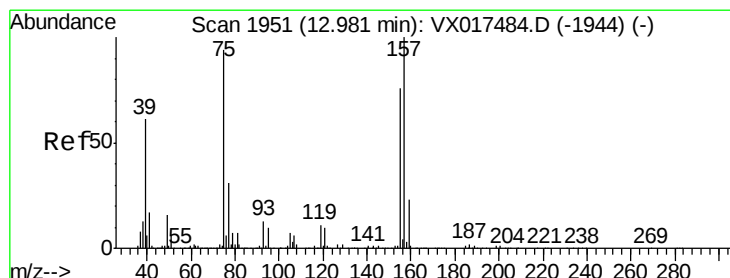
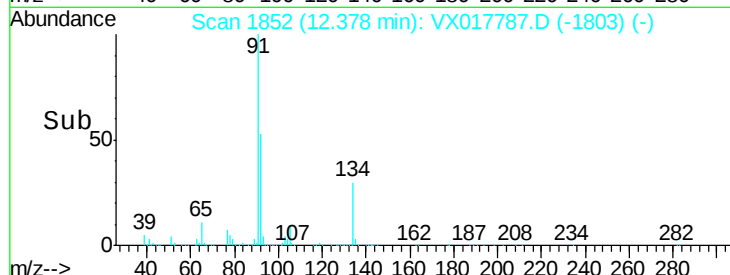
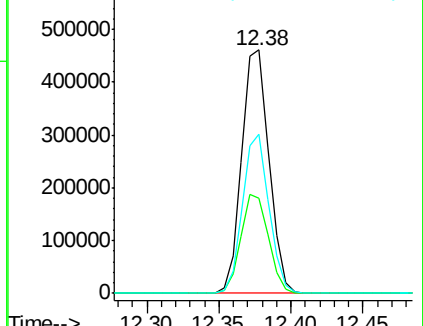
148 63.0 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.354 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

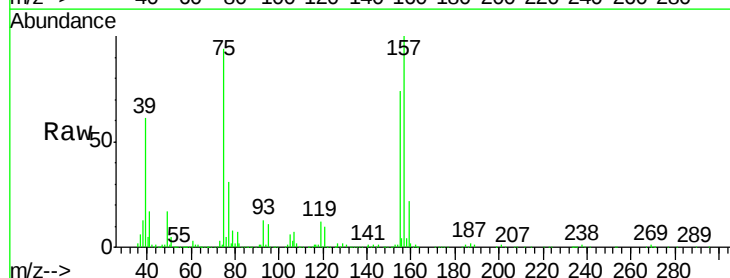
Tgt Ion: 75 Resp: 111072

Ion Ratio Lower Upper

75 100

155 84.4 42.3 126.8

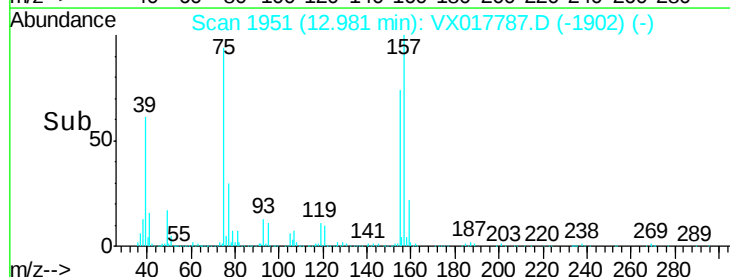
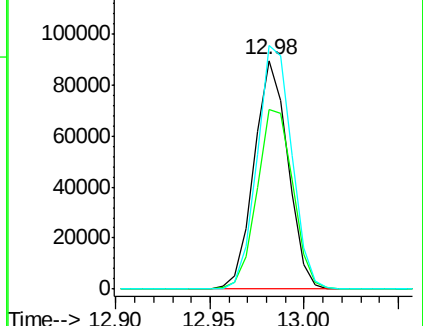
157 109.7 54.3 162.9

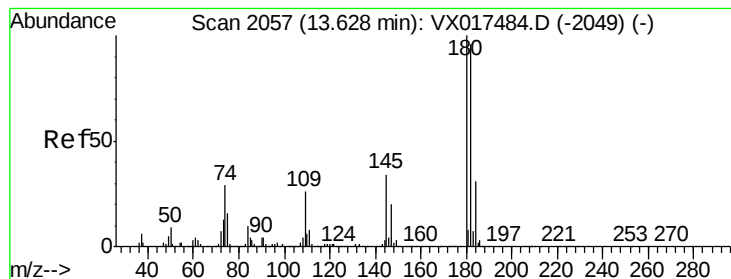


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 52.467 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

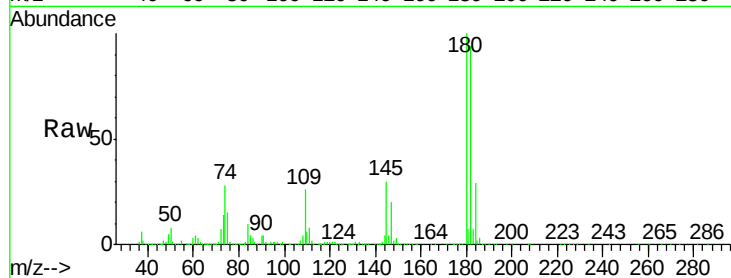
Tot Ion:180 Resp: 450945

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

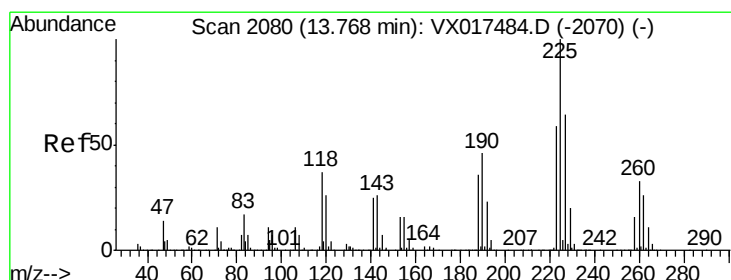
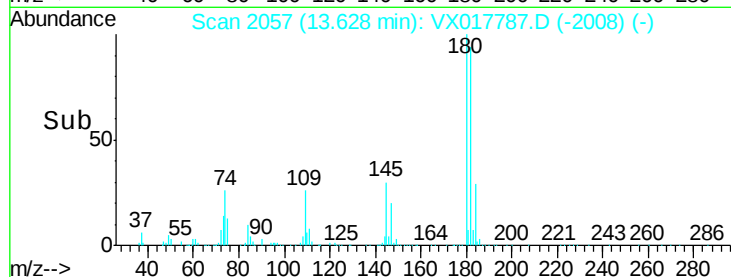
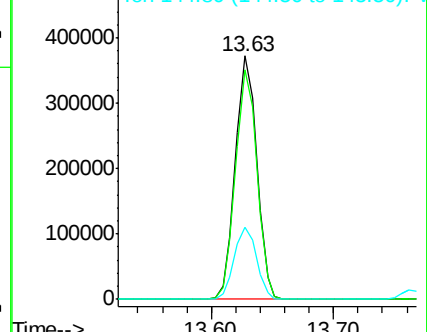
145 30.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 43.782 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

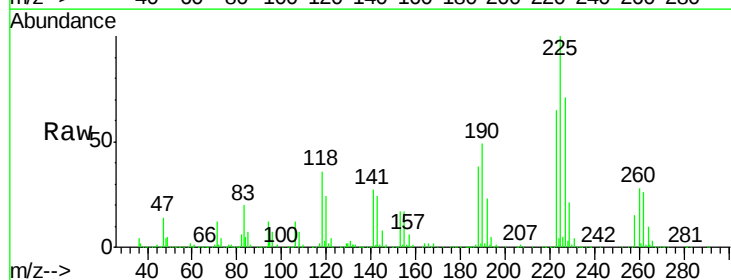
Tgt Ion:225 Resp: 173215

Ion Ratio Lower Upper

225 100

223 66.6 30.3 90.9

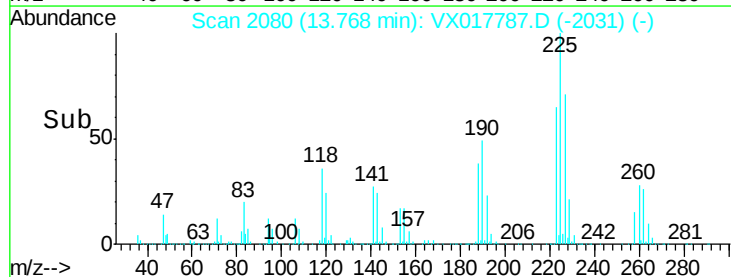
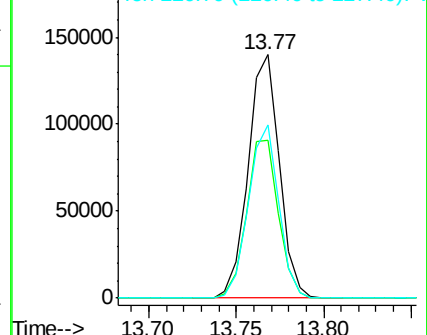
227 69.1 31.1 93.2

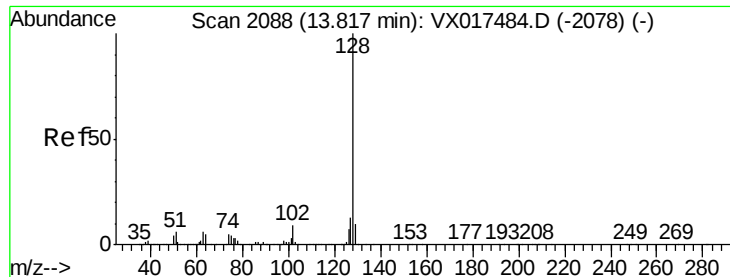


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.554 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

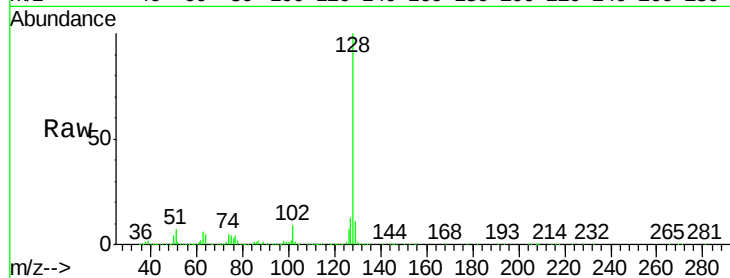
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1399710

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

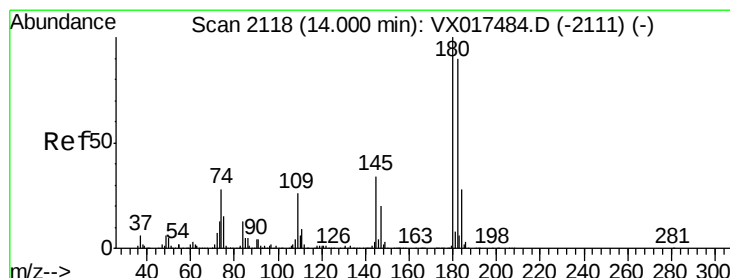
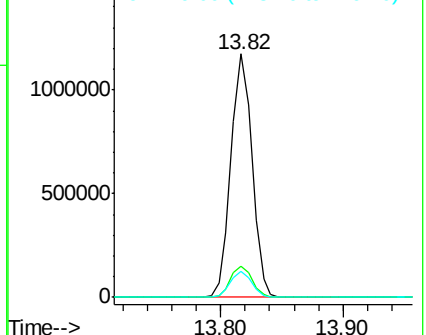
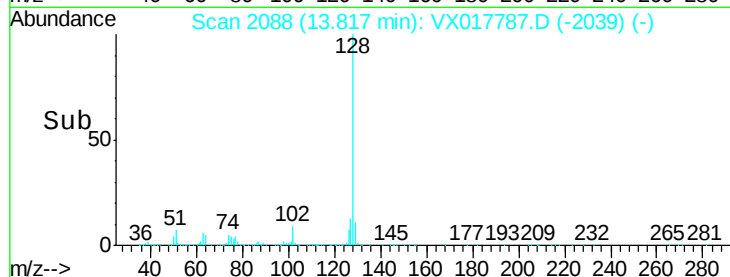


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.741 ug/l

RT: 14.01 min Scan# 2119

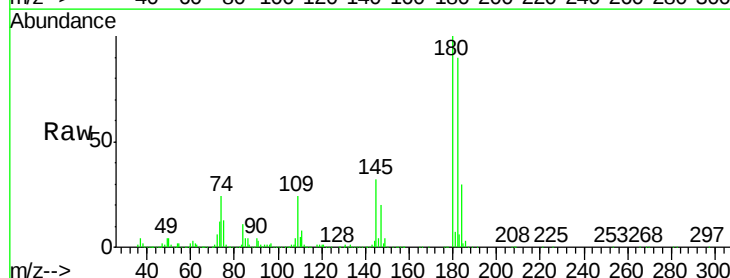
Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion:180 Resp: 439093

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.3
145	33.4	16.3	48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

