

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017758.D
 Acq On : 04 Aug 2020 09:22
 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 05 01:43:33 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	5.62	168	520882	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	770233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	752124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	384467	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	341963	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.46	113	263952	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
50) Toluene-d8	8.70	98	943226	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.12	95	362511	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	225043	46.497	ug/l	97
3) Chloromethane	1.31	50	280370	43.593	ug/l	99
4) Vinyl Chloride	1.39	62	281565	42.956	ug/l	99
5) Bromomethane	1.62	94	169364	47.948	ug/l	97
6) Chloroethane	1.70	64	178004	49.236	ug/l	98
7) Trichlorofluoromethane	1.92	101	487856	47.320	ug/l	100
8) Diethyl Ether	2.17	74	166297	49.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	260004	45.956	ug/l	97
10) Methyl Iodide	2.49	142	322078	44.498	ug/l	96
11) Tert butyl alcohol	3.01	59	301176	213.573	ug/l	99
12) 1,1-Dichloroethene	2.36	96	237852	44.209	ug/l	96
13) Acrolein	2.27	56	247404	230.125	ug/l	100
14) Allyl chloride	2.70	41	462923	47.122	ug/l	97
15) Acrylonitrile	3.11	53	657952	216.018	ug/l	100
16) Acetone	2.42	43	610931	207.452	ug/l	97
17) Carbon Disulfide	2.55	76	651122	39.817	ug/l	100
18) Methyl Acetate	2.75	43	355399	51.242	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	828591	44.496	ug/l	98
20) Methylene Chloride	2.83	84	273306	49.257	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	252896	43.878	ug/l	97
22) Diisopropyl ether	3.82	45	912668	50.809	ug/l	99
23) Vinyl Acetate	3.78	43	3667501	228.988	ug/l	100
24) 1,1-Dichloroethane	3.67	63	468445	45.271	ug/l	99
25) 2-Butanone	4.63	43	942104	225.191	ug/l	97
26) 2,2-Dichloropropane	4.54	77	468429	50.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	288191	46.035	ug/l	100
28) Bromochloromethane	4.98	49	214763	45.800	ug/l	95
29) Tetrahydrofuran	5.08	42	612382	236.312	ug/l	99
30) Chloroform	5.17	83	512740	48.495	ug/l	99
31) Cyclohexane	5.54	56	378546	45.875	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	486170	48.763	ug/l	99
36) 1,1-Dichloropropene	5.76	75	374548	50.702	ug/l	99
37) Ethyl Acetate	4.79	43	366978	45.403	ug/l	99
38) Carbon Tetrachloride	5.75	117	457980	51.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	398078	46.161	ug/l	99
40) Benzene	6.10	78	1013284	47.844	ug/l	99
41) Methacrylonitrile	5.00	41	202982	43.813	ug/l	98
42) 1,2-Dichloroethane	6.16	62	448263	51.736	ug/l	99
43) Isopropyl Acetate	6.41	43	677506	50.803	ug/l	100
44) Trichloroethene	7.19	130	316734	51.174	ug/l	96
45) 1,2-Dichloropropane	7.49	63	275662	46.952	ug/l	100
46) Dibromomethane	7.63	93	194442	46.863	ug/l	99
47) Bromodichloromethane	7.87	83	450327	53.940	ug/l	99
48) Methyl methacrylate	7.74	41	306794	46.409	ug/l	97
49) 1,4-Dioxane	7.71	88	110390	870.992	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1916654	240.872	ug/l	100
52) Toluene	8.76	92	681922	50.206	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	470961	50.393	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	485890	50.972	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	287178	50.755	ug/l	98
56) Ethyl methacrylate	9.16	69	430284	50.477	ug/l	99
57) 1,3-Dichloropropane	9.35	76	472051	50.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1054951	234.902	ug/l	98
59) 2-Hexanone	9.47	43	1514542	252.810	ug/l	99
60) Dibromochloromethane	9.56	129	370351	51.498	ug/l	99
61) 1,2-Dibromoethane	9.65	107	316858	52.600	ug/l	99
64) Tetrachloroethene	9.32	164	341172	50.540	ug/l	97
65) Chlorobenzene	10.12	112	793462	48.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	326122	49.635	ug/l	99
67) Ethyl Benzene	10.23	91	1358641	49.995	ug/l	98
68) m/p-Xylenes	10.34	106	1048239	99.569	ug/l	97
69) o-Xylene	10.68	106	467944	46.215	ug/l	99
70) Styrene	10.70	104	824197	47.842	ug/l	99
71) Bromoform	10.84	173	254962	44.790	ug/l #	99
73) Isopropylbenzene	11.00	105	1311041	49.707	ug/l	99
74) N-amyl acetate	10.88	43	519715	44.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	368106	44.713	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	461321	58.331	ug/l	81
77) Bromobenzene	11.24	156	349452	47.327	ug/l	99
78) n-propylbenzene	11.34	91	1528363	51.379	ug/l	100
79) 2-Chlorotoluene	11.40	91	896813	48.668	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1136825	50.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143973	45.871	ug/l	96
82) 4-Chlorotoluene	11.49	91	1066972	49.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1053779	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1142832	51.023	ug/l	99
85) sec-Butylbenzene	11.93	105	1268601	50.539	ug/l	100
86) p-Isopropyltoluene	12.05	119	1200490	50.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	606428	47.826	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	623681	47.487	ug/l	99
89) n-Butylbenzene	12.37	91	1057399	49.643	ug/l	99
90) Hexachloroethane	12.58	117	226296	48.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	597619	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96859	42.036	ug/l	100

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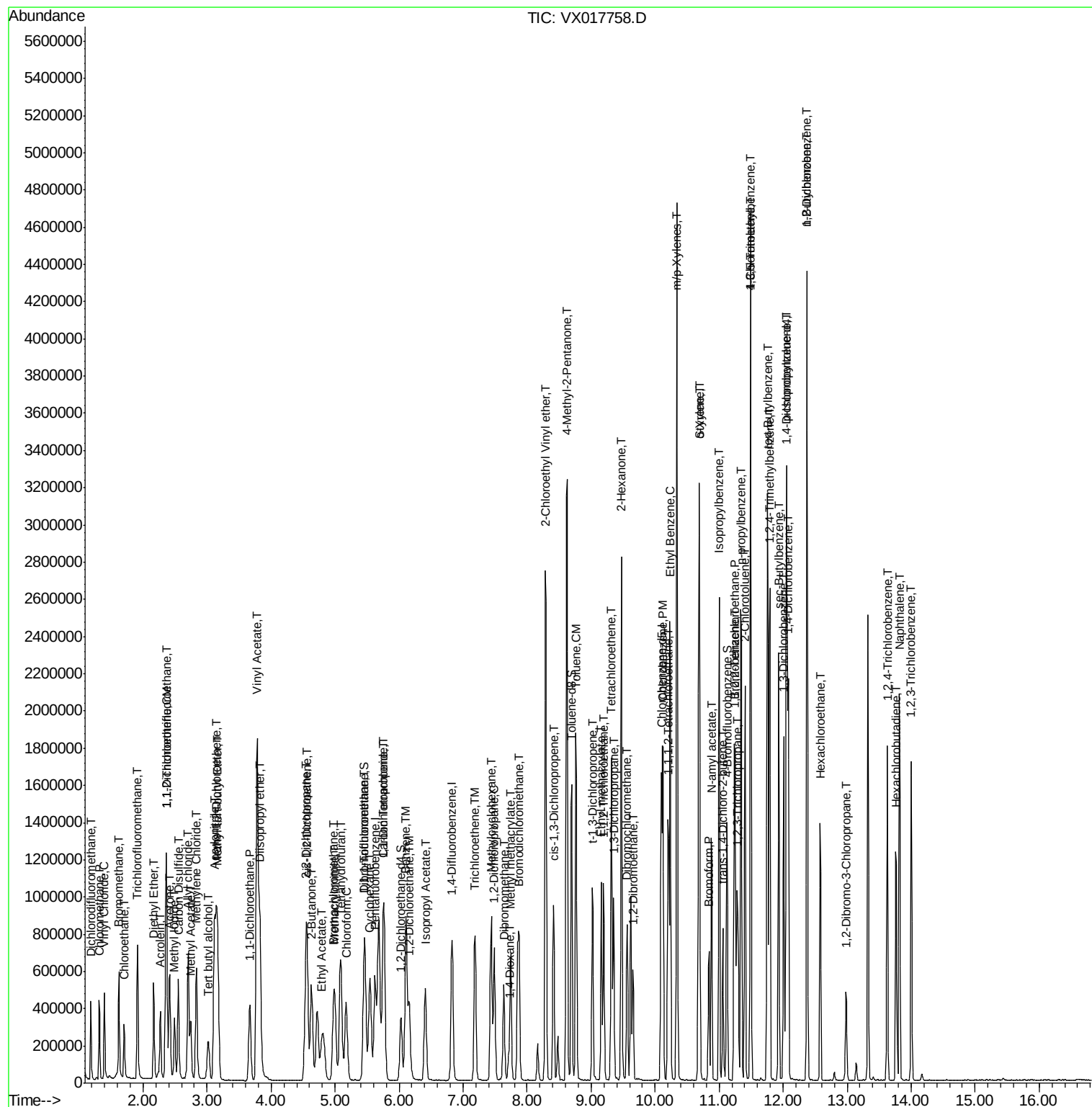
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	428627	50.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	177362	45.302	ug/l	95
95) Naphthalene	13.82	128	1261923	49.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	430899	51.310	ug/l	99

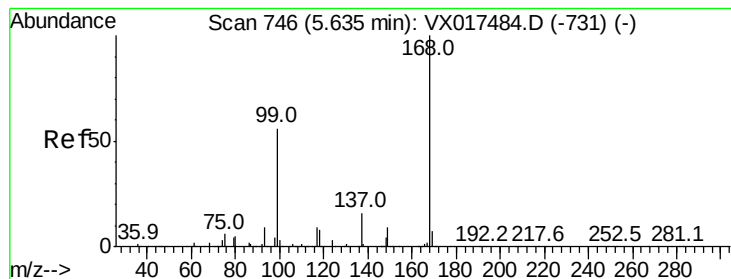
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

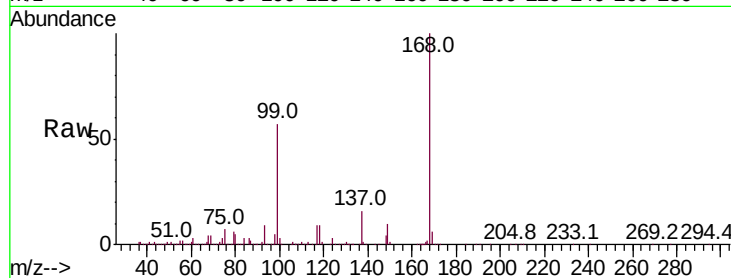
VSTDCCC050

Tot Ion:168 Resp: 520882

Ion Ratio Lower Upper

168 100

99 57.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

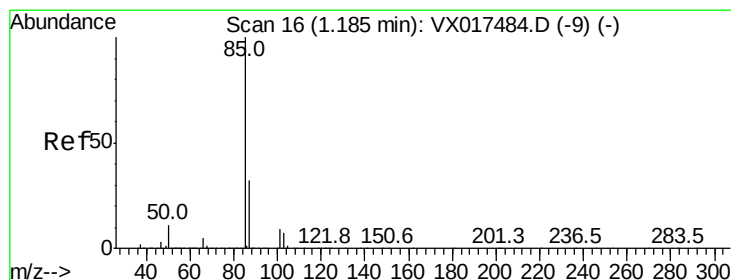
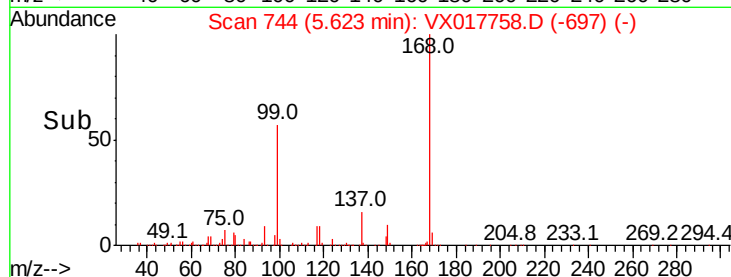
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 46.497 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017758.D

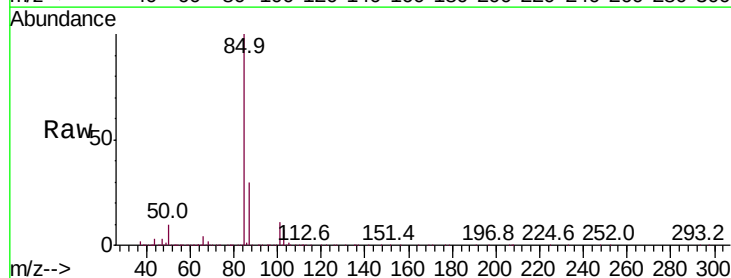
Acq: 04 Aug 2020 09:22

Tgt Ion: 85 Resp: 225043

Ion Ratio Lower Upper

85 100

87 30.4 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

150000

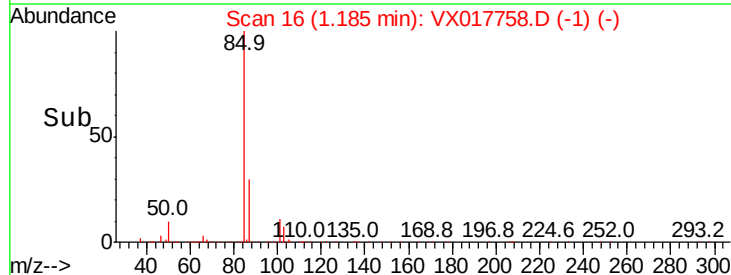
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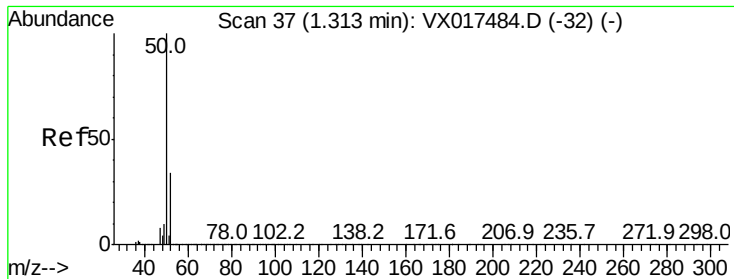
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 43.593 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

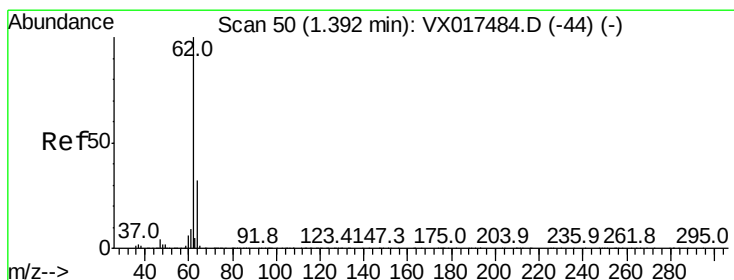
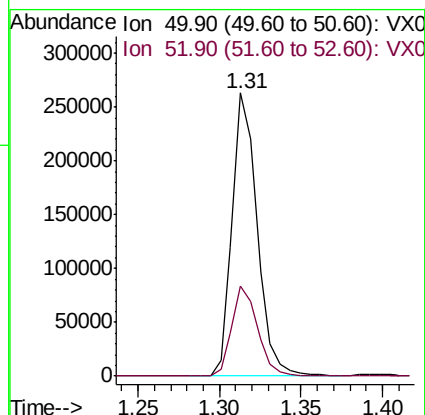
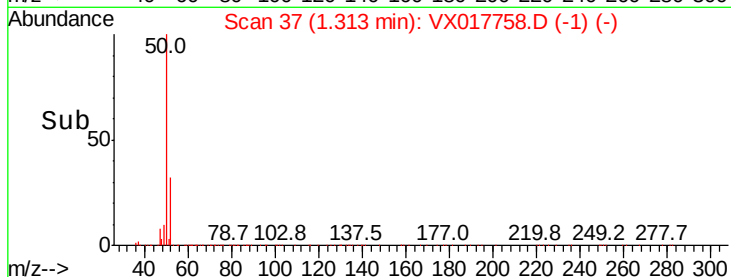
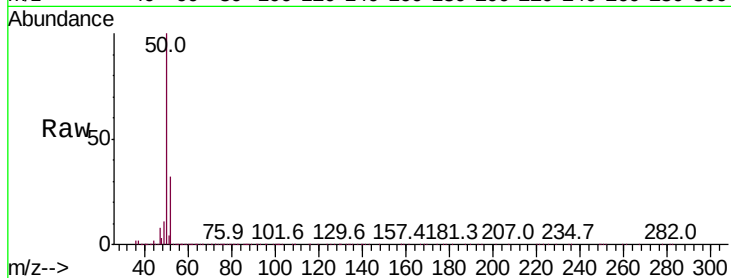
VSTDCCC050

Tot Ion: 50 Resp: 280370

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



#4

Vinyl Chloride

Concen: 42.956 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017758.D

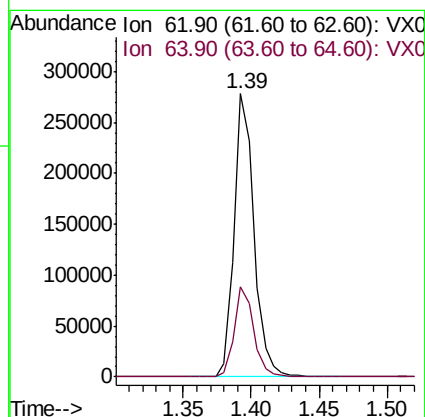
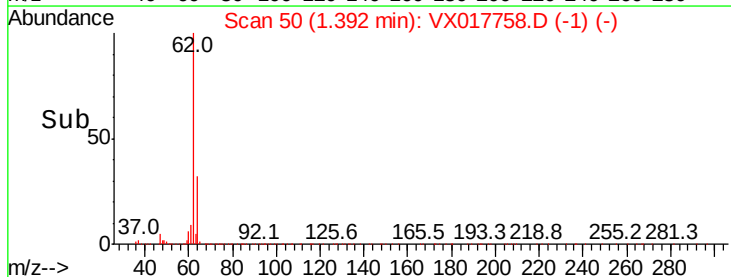
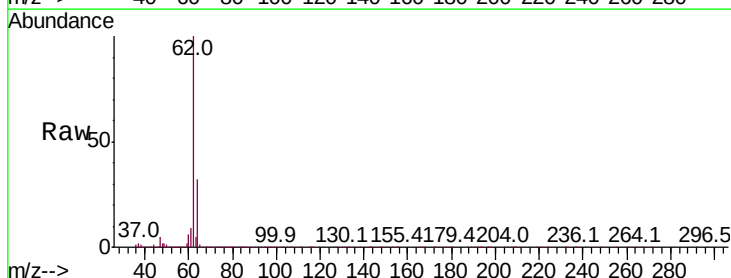
Acq: 04 Aug 2020 09:22

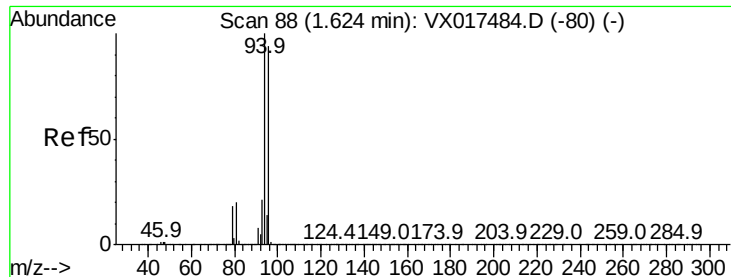
Tgt Ion: 62 Resp: 281565

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 47.948 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

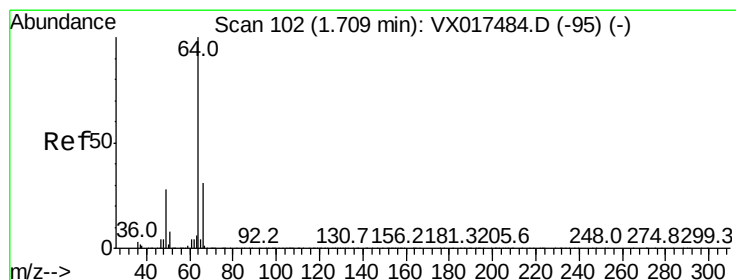
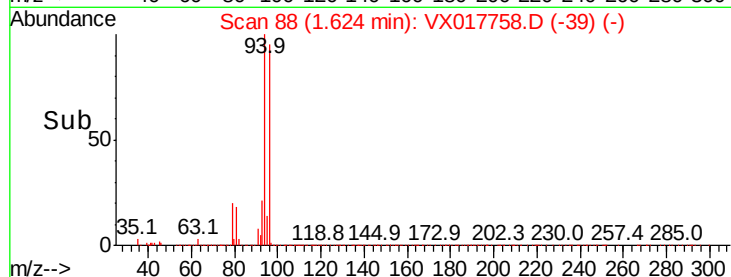
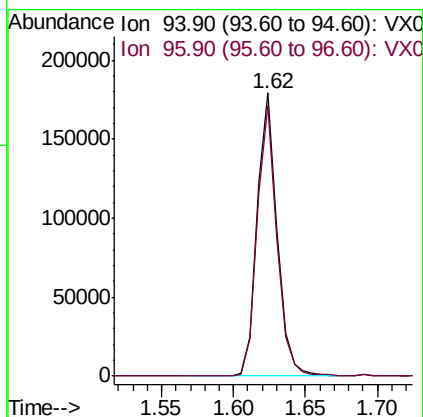
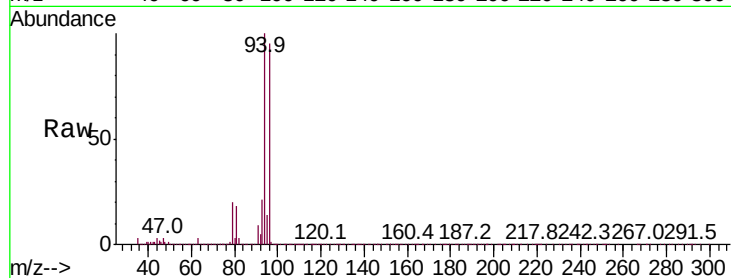
VSTDCCC050

Tot Ion: 94 Resp: 169364

Ion Ratio Lower Upper

94 100

96 95.4 74.1 111.1



#6

Chloroethane

Concen: 49.236 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017758.D

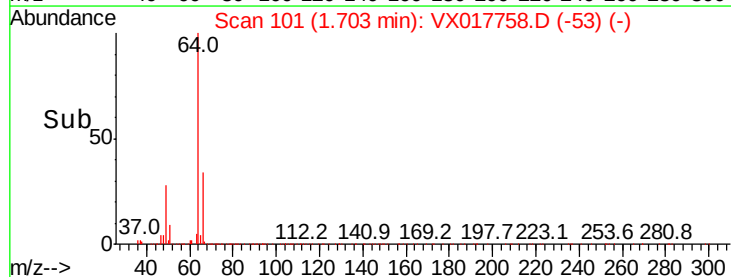
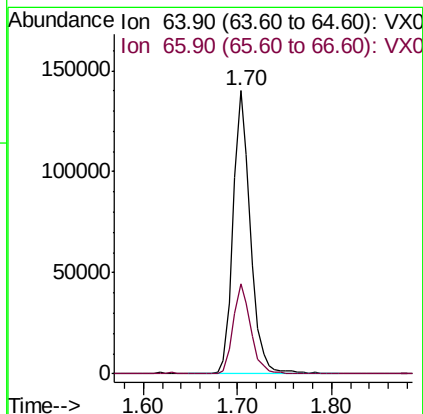
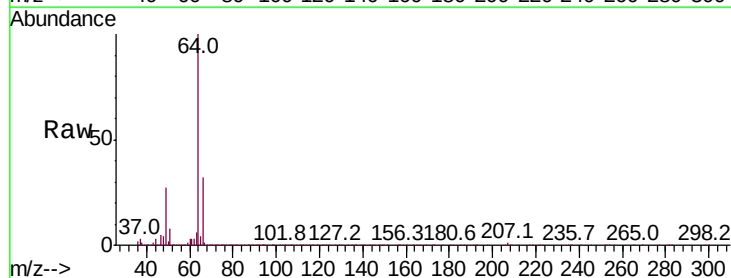
Acq: 04 Aug 2020 09:22

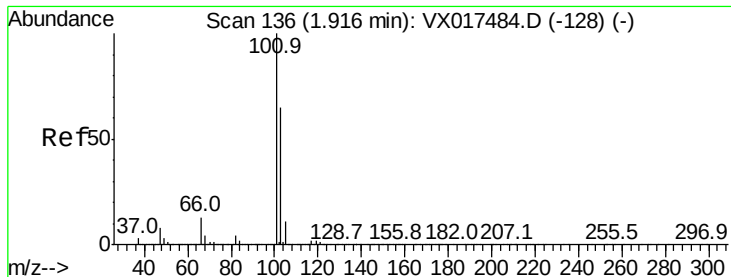
Tgt Ion: 64 Resp: 178004

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



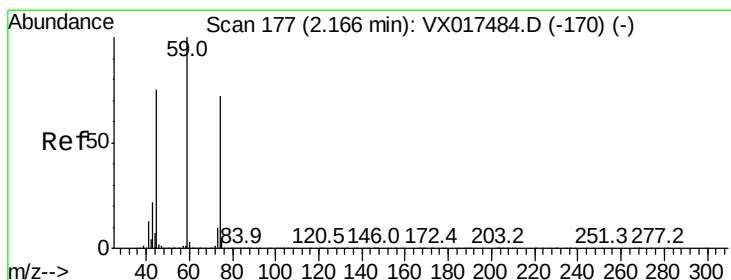
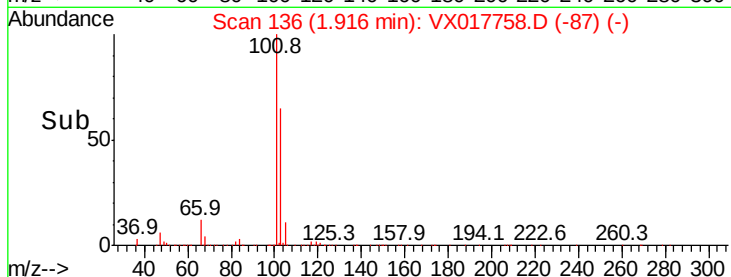
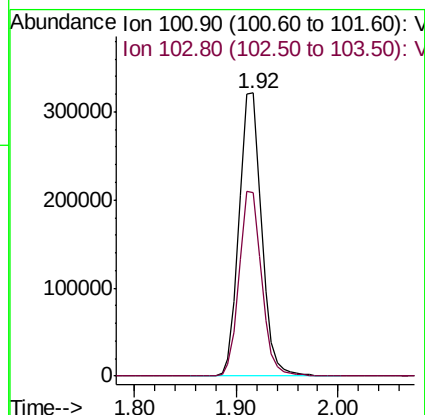
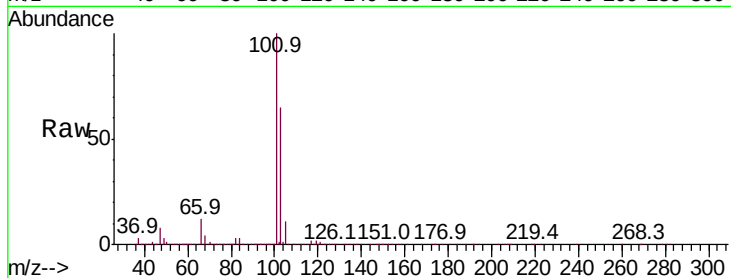


#7

Trichlorofluoromethane
Concen: 47.320 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

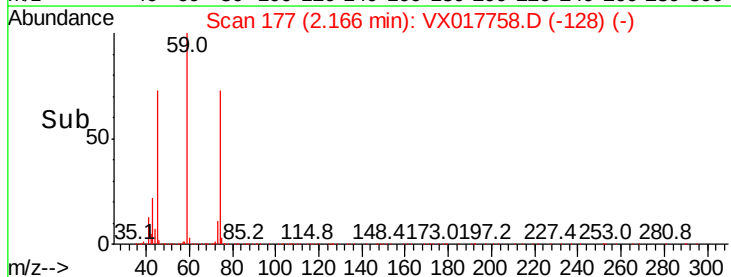
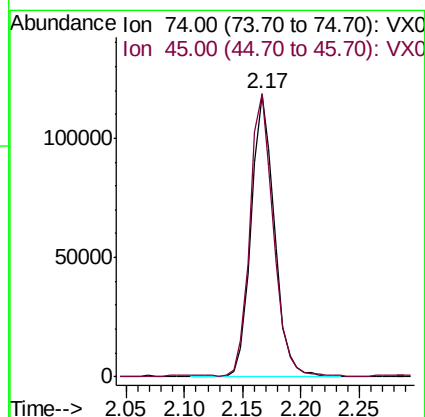
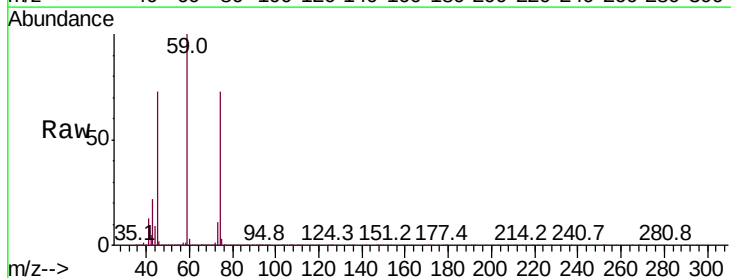
Tot Ion:101 Resp: 487856
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

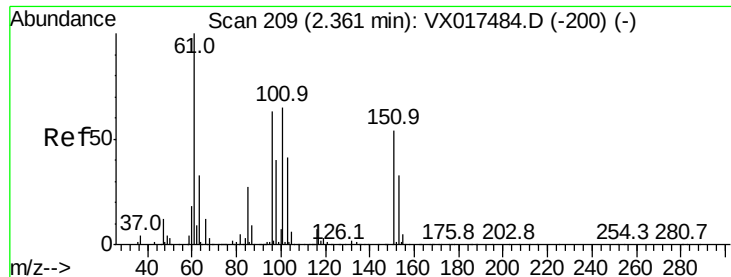


#8

Diethyl Ether
Concen: 49.746 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 74 Resp: 166297
Ion Ratio Lower Upper
74 100
45 100.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.956 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

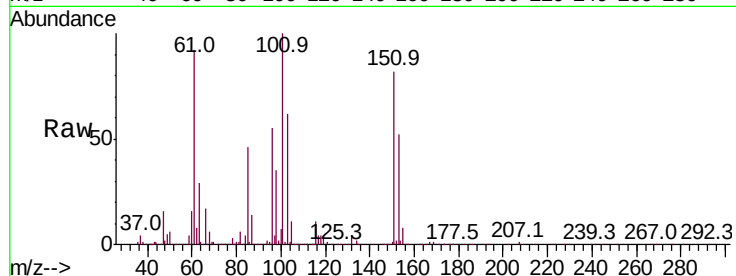
Tot Ion:101 Resp: 260004

Ion Ratio Lower Upper

101 100

85 44.3 34.8 52.2

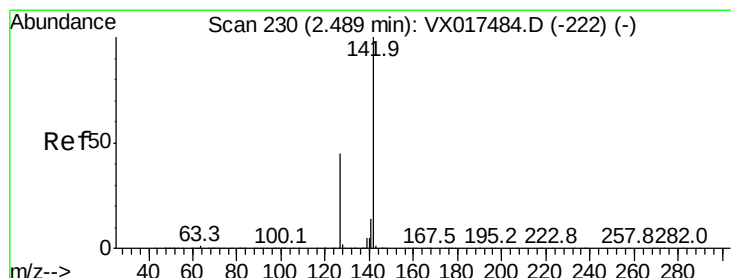
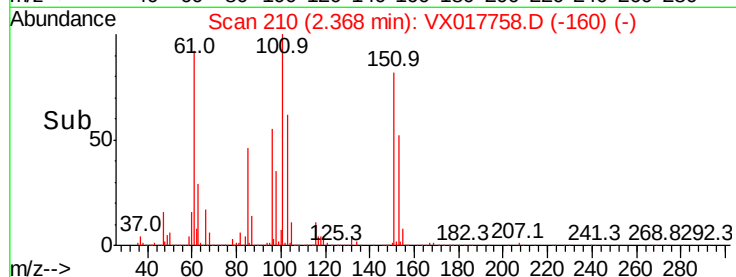
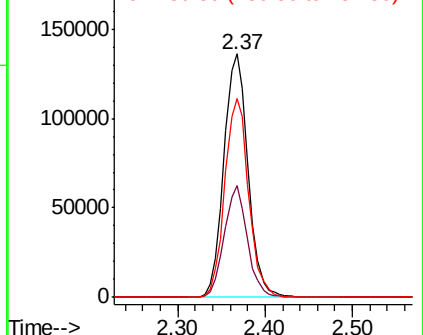
151 81.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.498 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

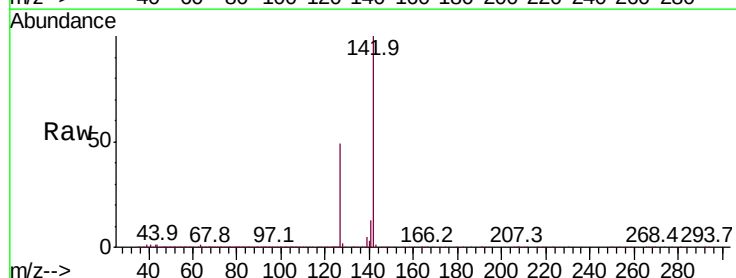
Tgt Ion:142 Resp: 322078

Ion Ratio Lower Upper

142 100

127 48.1 35.9 53.9

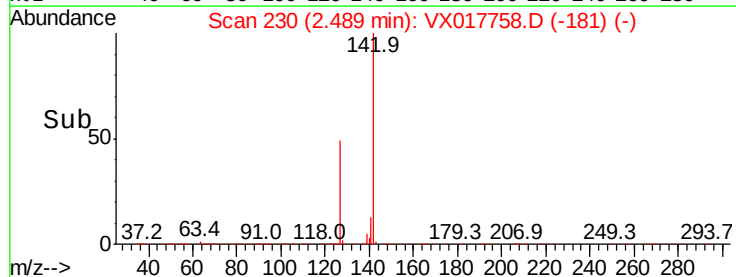
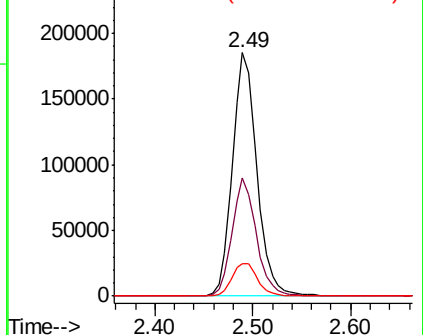
141 14.2 11.4 17.0

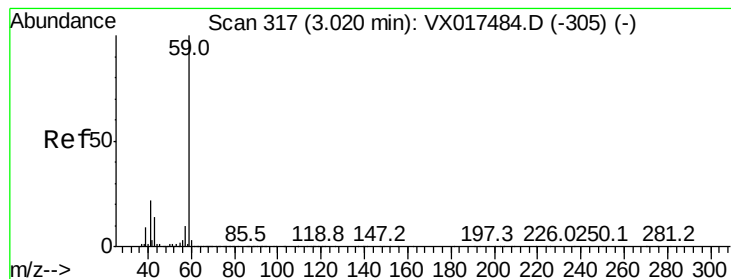


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



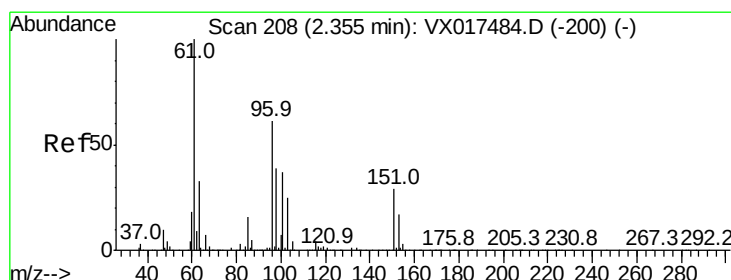
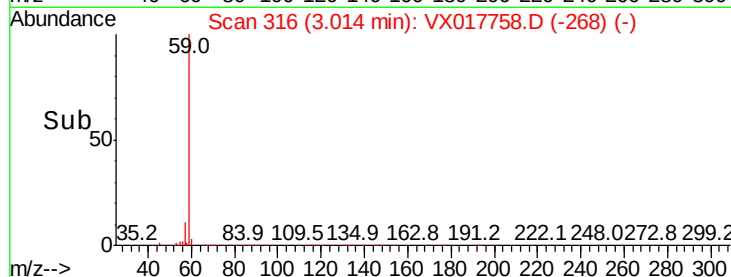
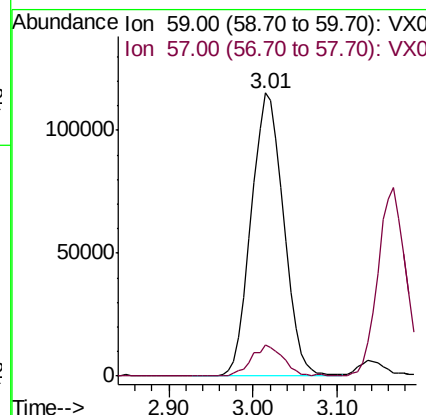
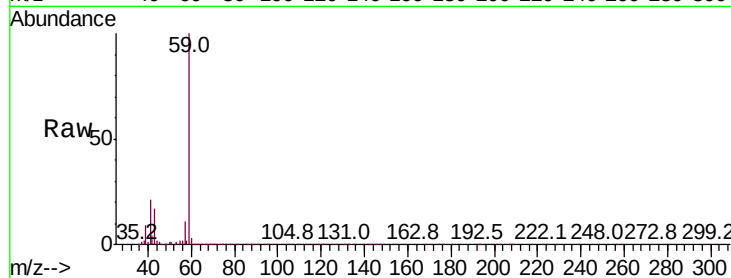


#11

Tert butyl alcohol
 Concen: 213.573 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

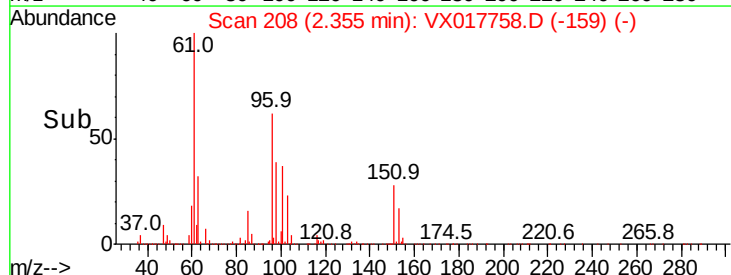
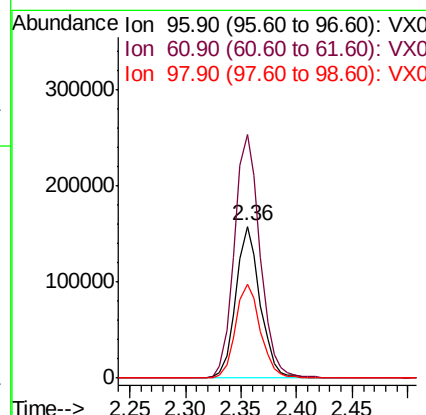
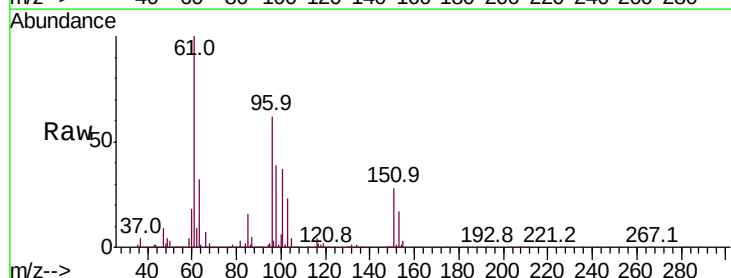
Tot Ion: 59 Resp: 301176
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

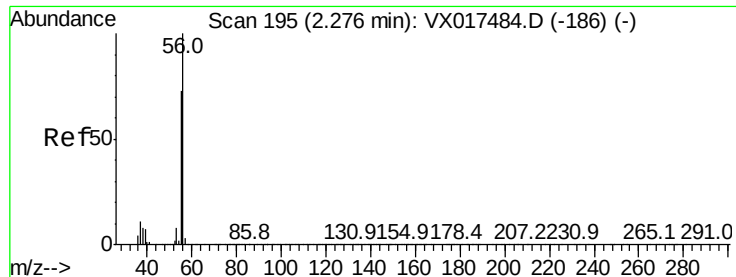


#12

1,1-Dichloroethene
 Concen: 44.209 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion: 96 Resp: 237852
 Ion Ratio Lower Upper
 96 100
 61 160.4 134.0 201.0
 98 62.4 51.0 76.4

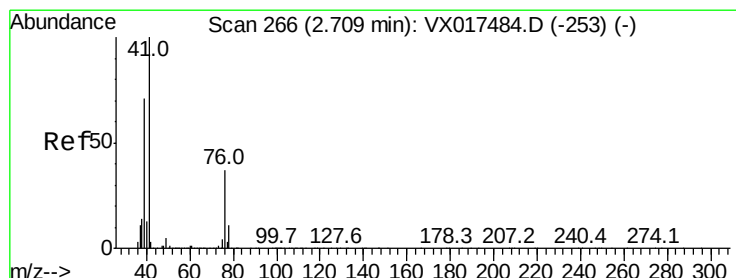
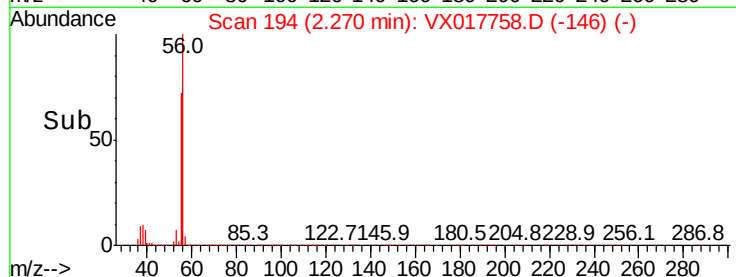
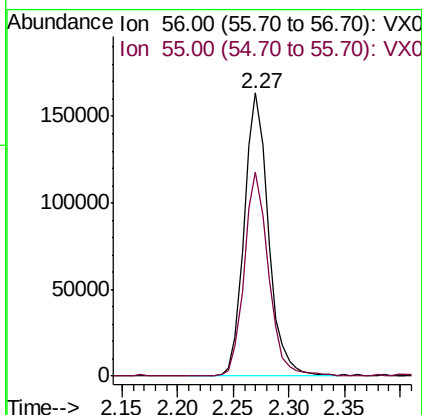
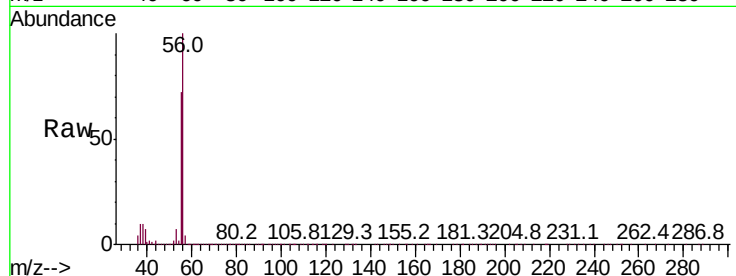




#13
Acrolein
Concen: 230.125 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

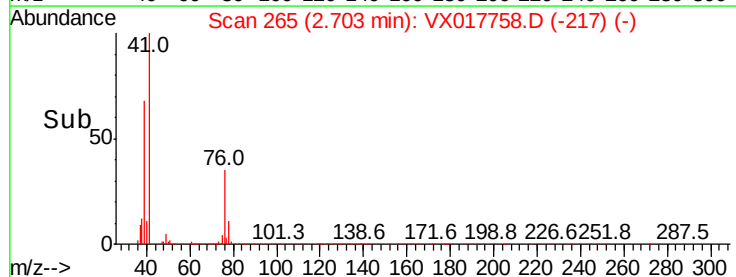
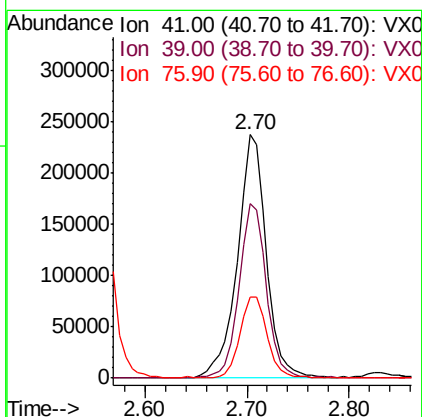
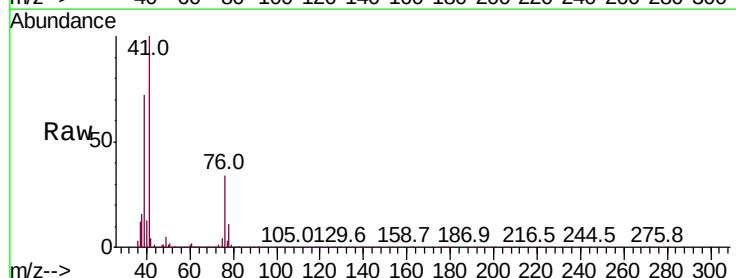
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

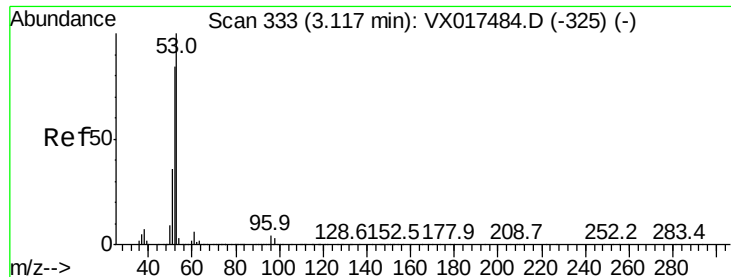
Tot Ion: 56 Resp: 247404
Ion Ratio Lower Upper
56 100
55 72.2 57.4 86.2



#14
Allyl chloride
Concen: 47.122 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 41 Resp: 462923
Ion Ratio Lower Upper
41 100
39 67.7 51.9 77.9
76 31.4 25.5 38.3

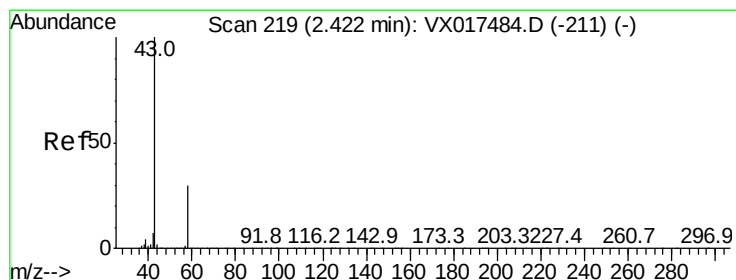
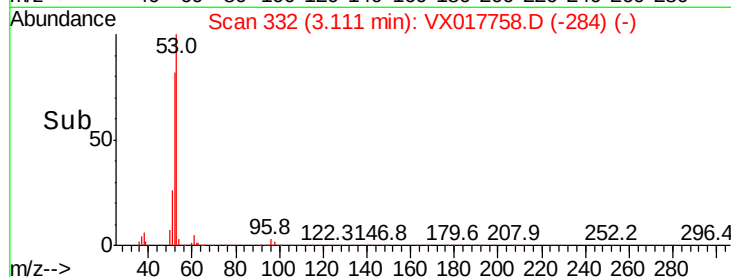
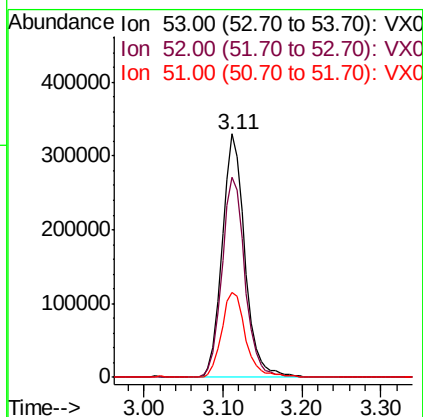
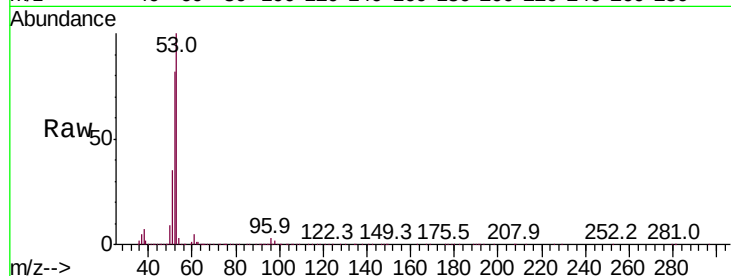




#15
 Acrylonitrile
 Concen: 216.018 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

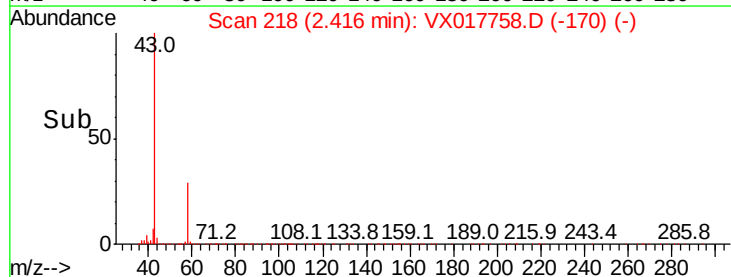
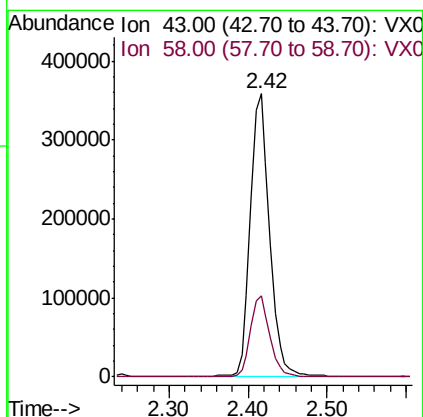
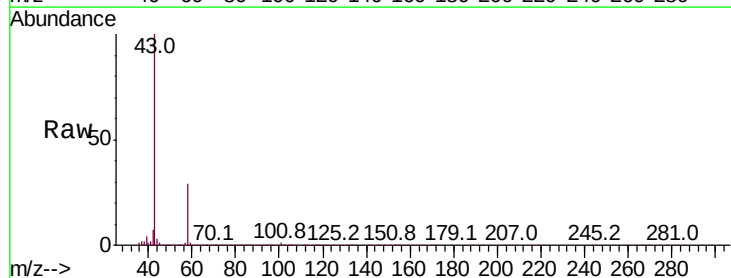
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

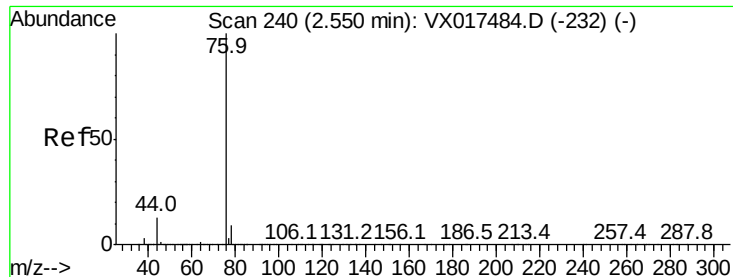
Tot Ion:	53	Resp:	657952
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	99.8
51	37.1	29.4	44.2



#16
 Acetone
 Concen: 207.452 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion:	43	Resp:	610931
Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4





#17

Carbon Disulfide

Concen: 39.817 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

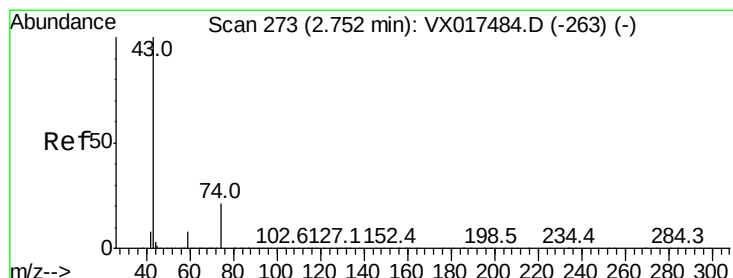
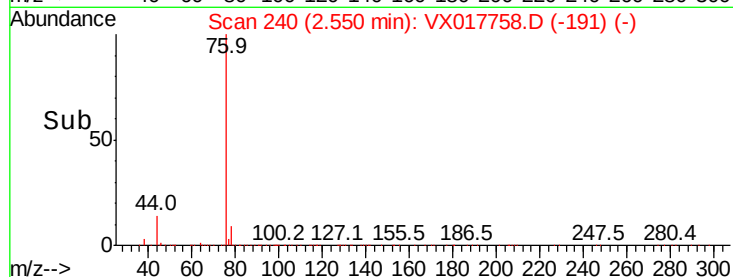
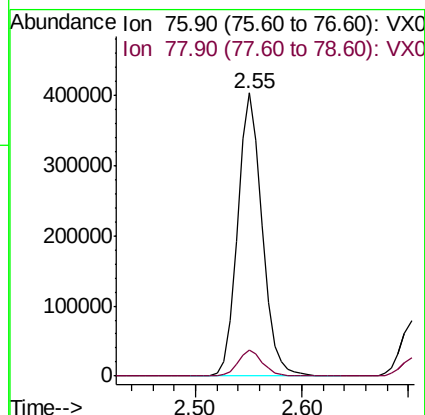
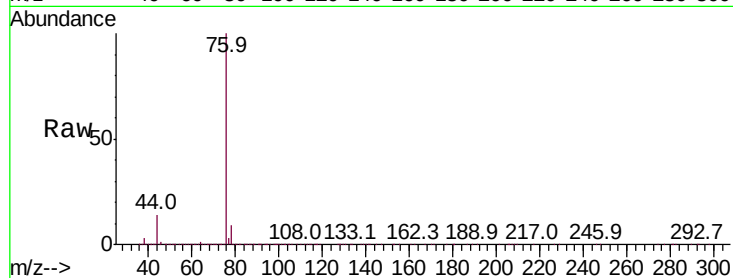
VSTDCCC050

Tot Ion: 76 Resp: 651122

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 51.242 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017758.D

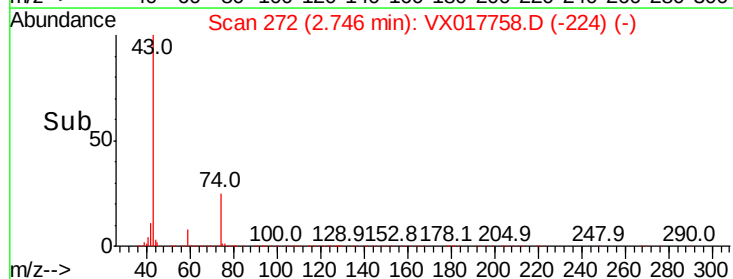
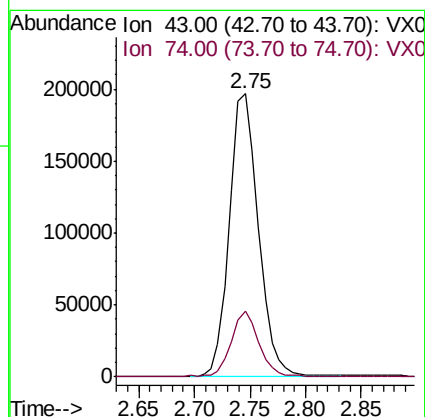
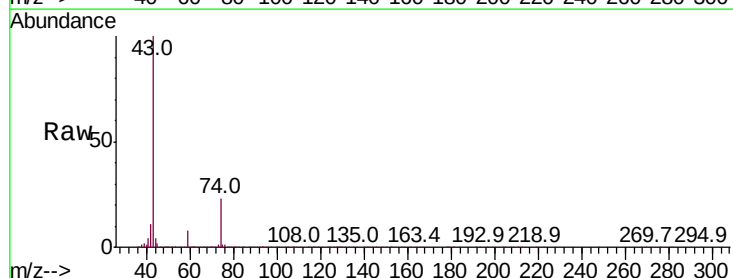
Acq: 04 Aug 2020 09:22

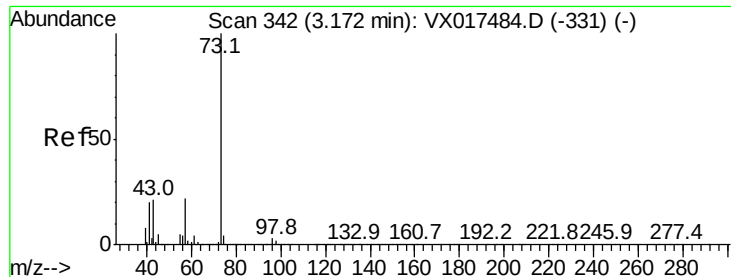
Tgt Ion: 43 Resp: 355399

Ion Ratio Lower Upper

43 100

74 22.5 17.5 26.3



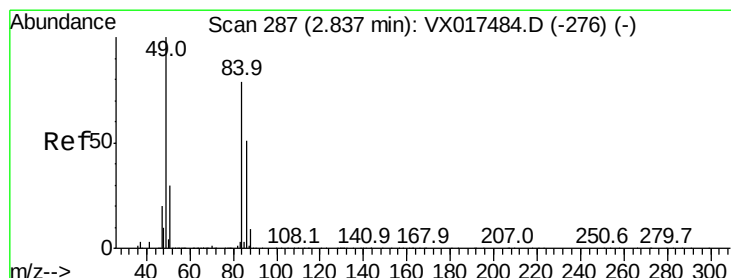
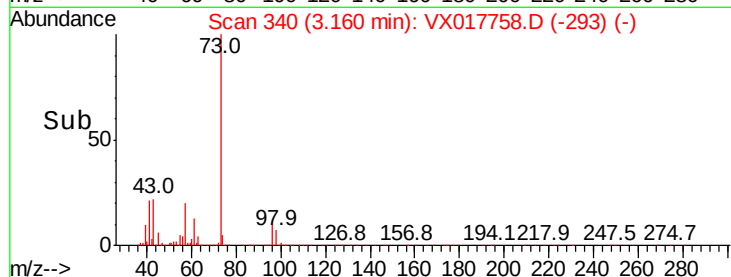
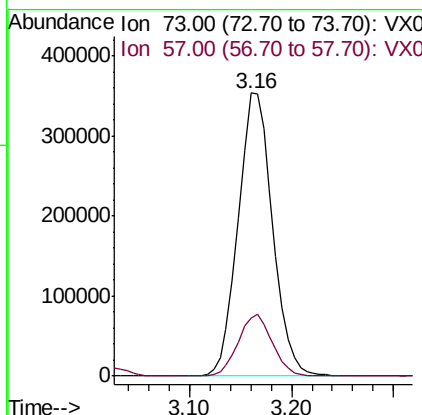
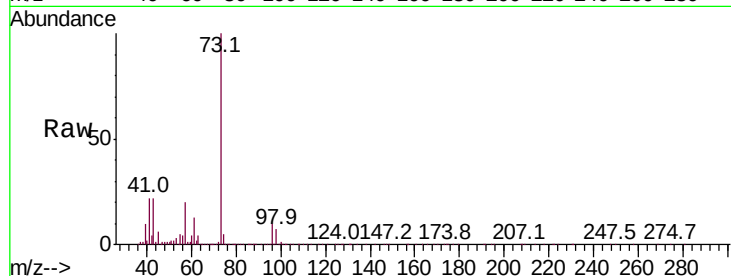


#19

Methyl tert-butyl Ether
 Concen: 44.496 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

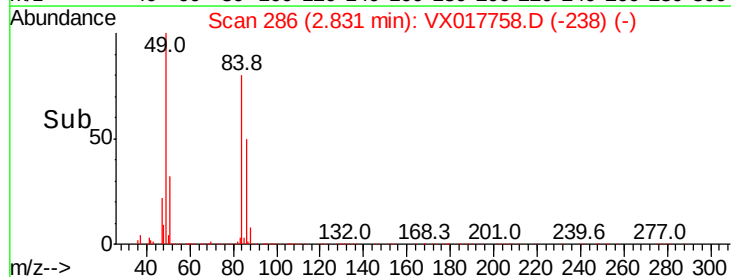
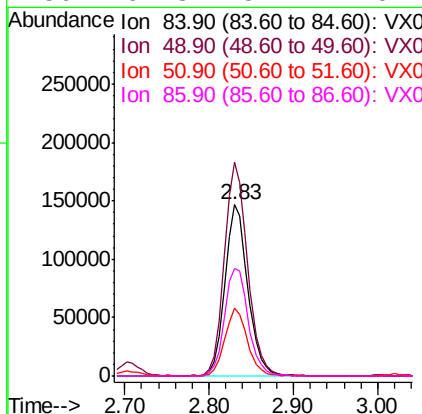
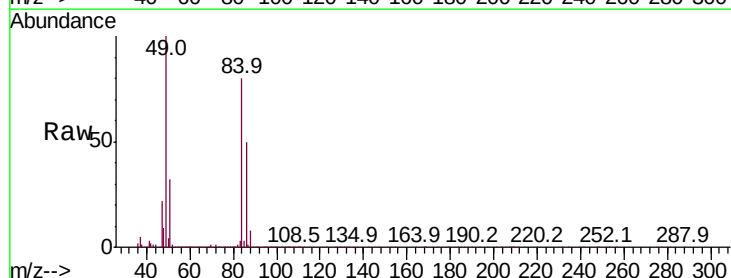
Tot Ion: 73 Resp: 828591
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.0 25.4

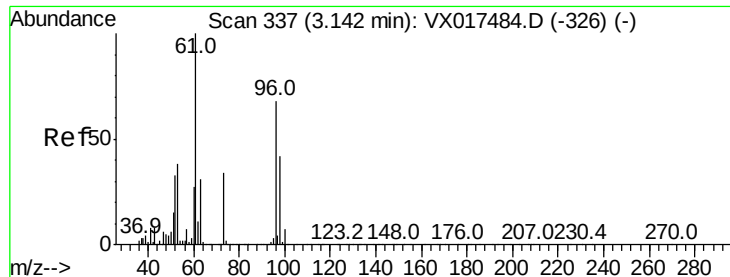


#20

Methylene Chloride
 Concen: 49.257 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion: 84 Resp: 273306
 Ion Ratio Lower Upper
 84 100
 49 124.6 100.3 150.5
 51 39.6 30.5 45.7
 86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 43.878 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

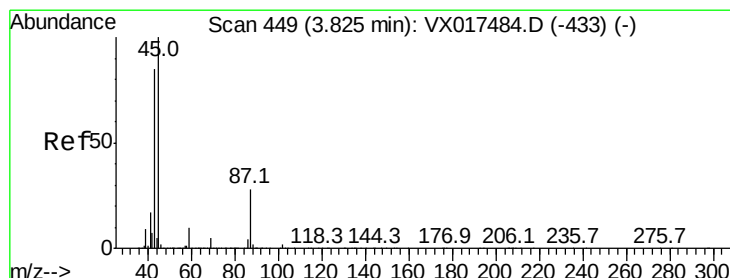
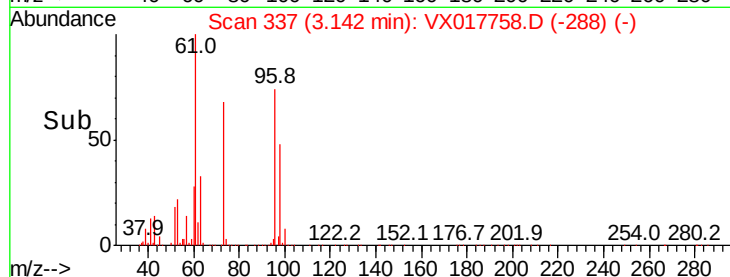
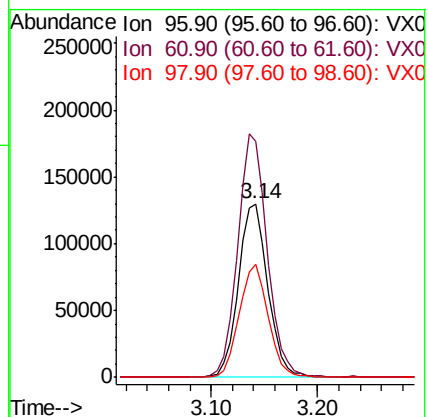
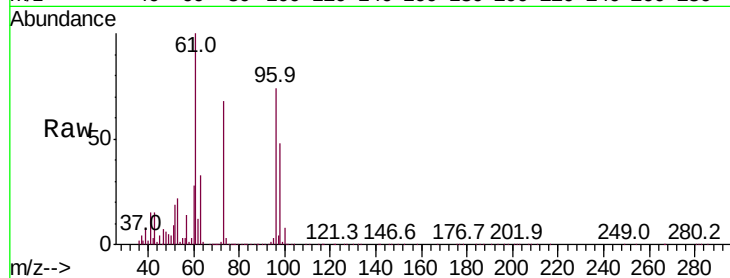
Tot Ion: 96 Resp: 252896

Ion Ratio Lower Upper

96 100

61 135.8 113.0 169.4

98 65.3 51.8 77.8



#22

Diisopropyl ether

Concen: 50.809 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 45 Resp: 912668

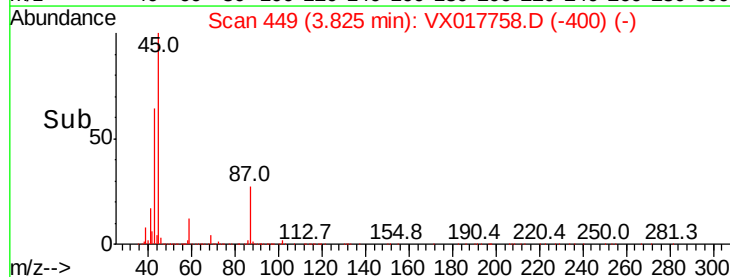
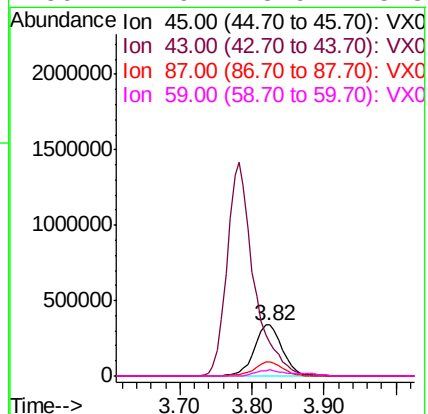
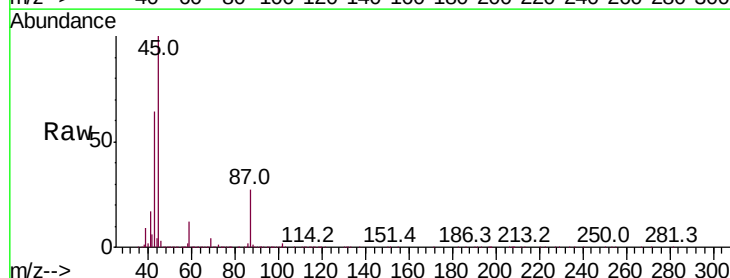
Ion Ratio Lower Upper

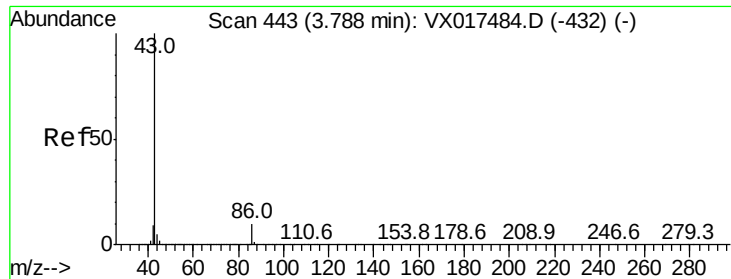
45 100

43 64.1 52.0 78.0

87 27.1 22.2 33.4

59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 228.988 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

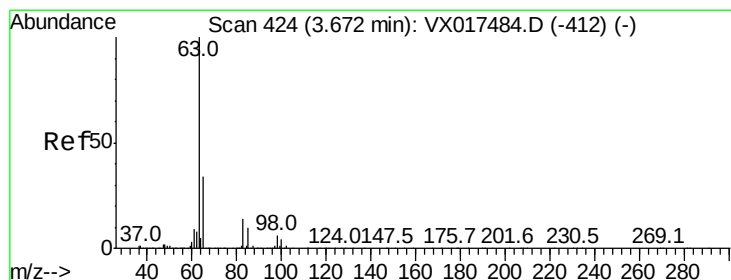
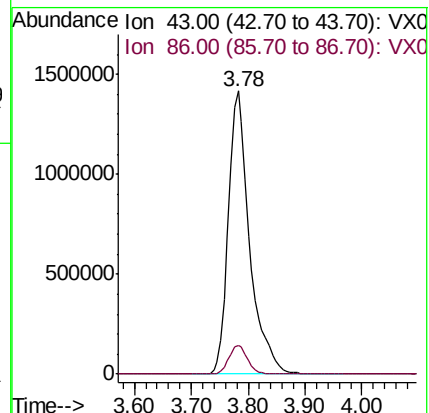
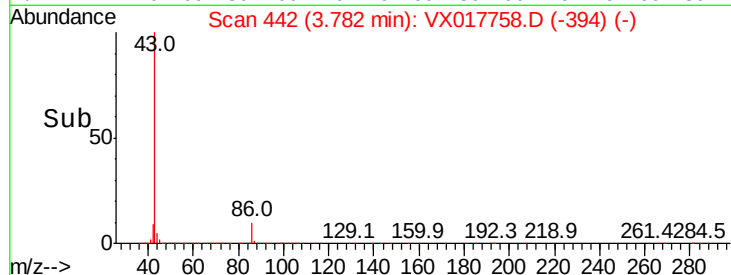
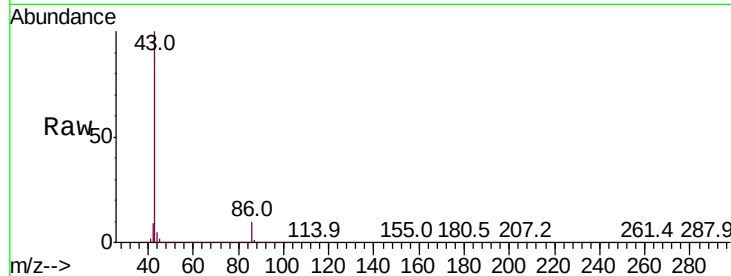
VSTDCCC050

Tot Ion: 43 Resp: 3667501

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 45.271 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

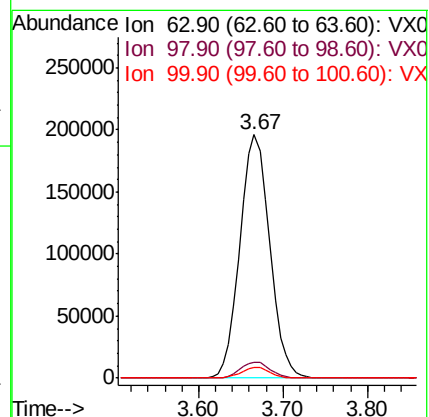
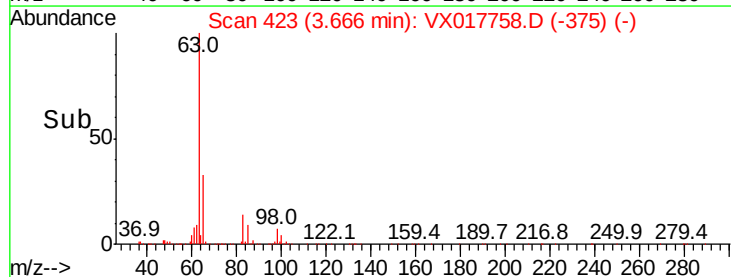
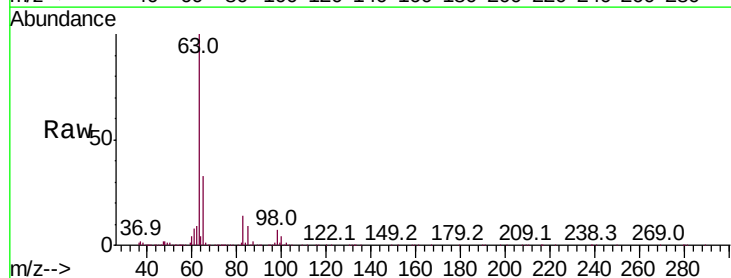
Tgt Ion: 63 Resp: 468445

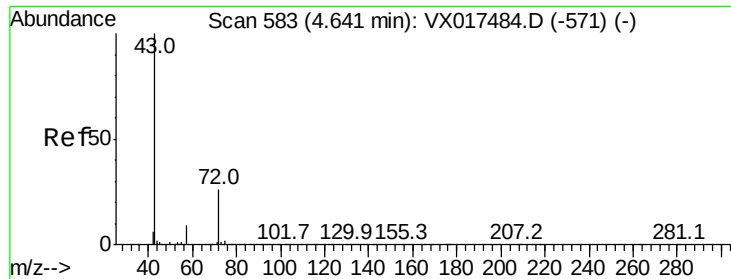
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 225.191 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

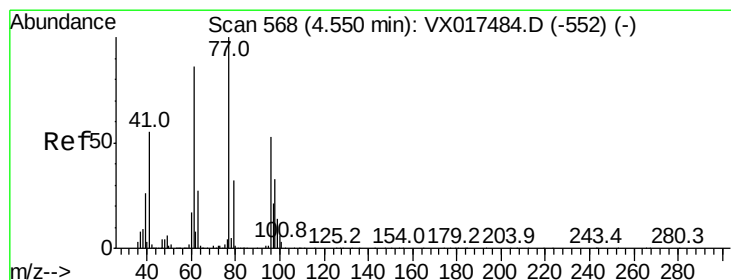
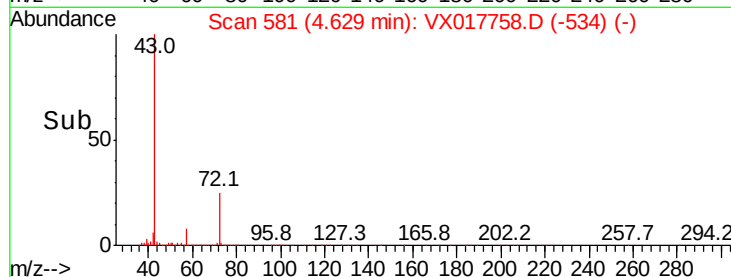
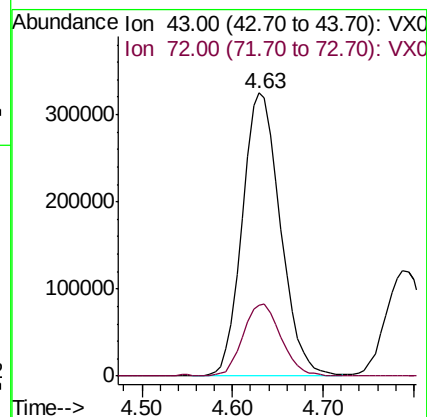
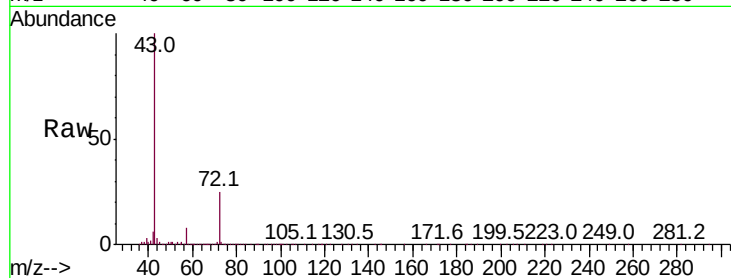
VSTDCCC050

Tot Ion: 43 Resp: 942104

Ion Ratio Lower Upper

43 100

72 25.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 50.572 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017758.D

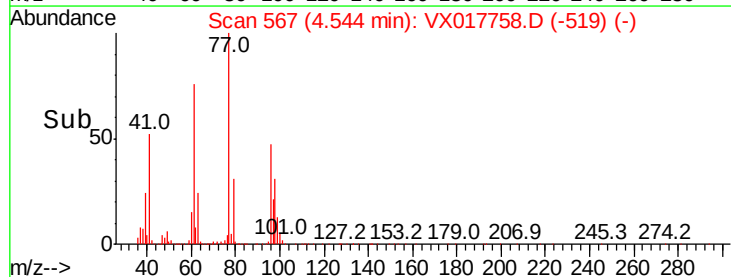
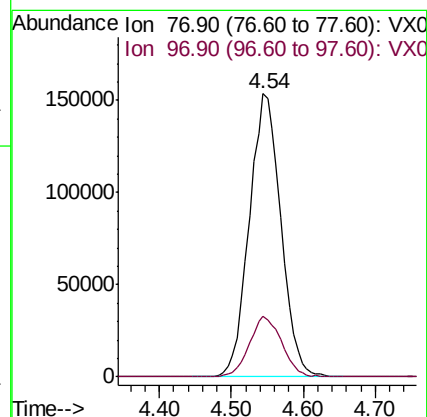
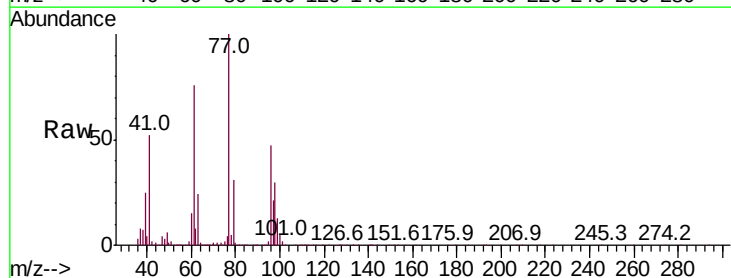
Acq: 04 Aug 2020 09:22

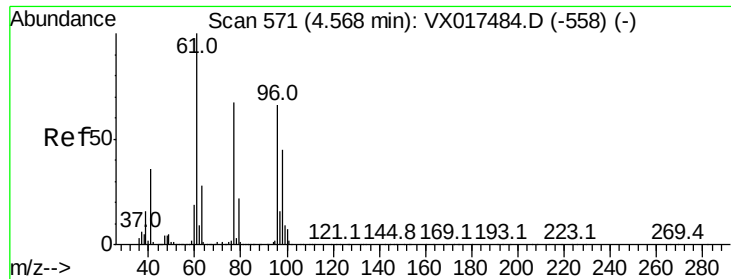
Tgt Ion: 77 Resp: 468429

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



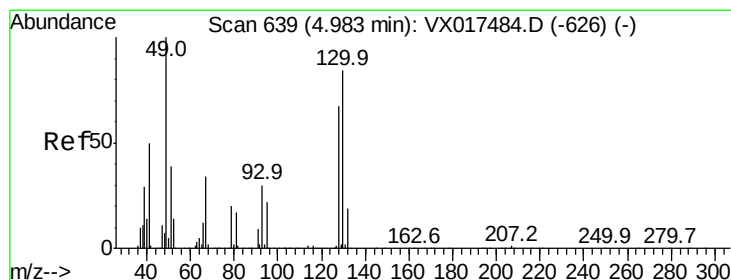
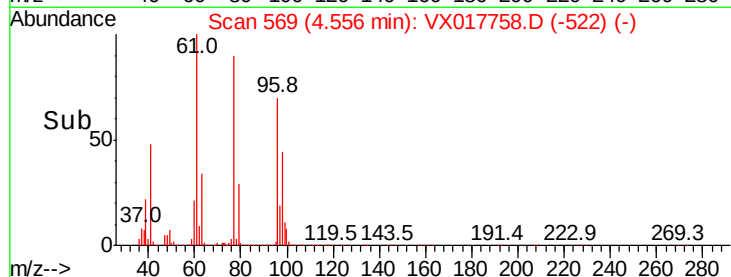
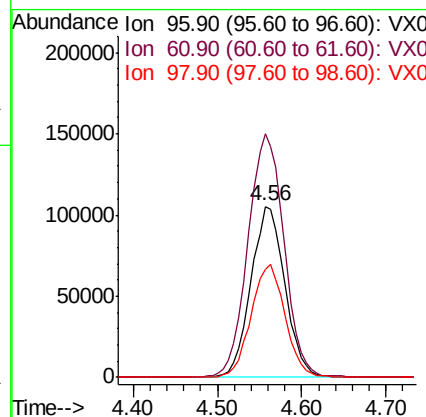
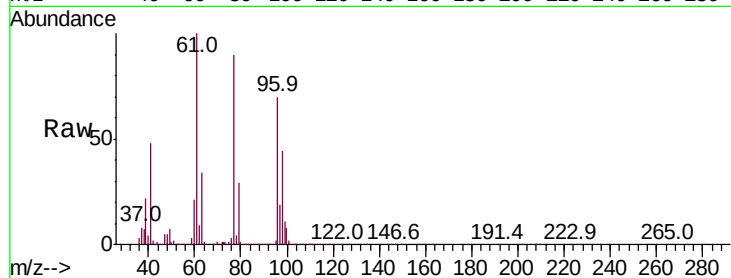


#27

cis-1,2-Dichloroethene
 Concen: 46.035 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

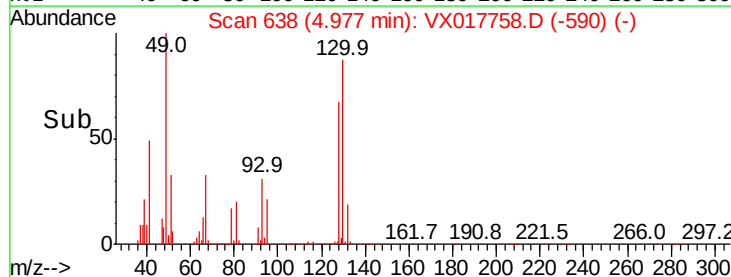
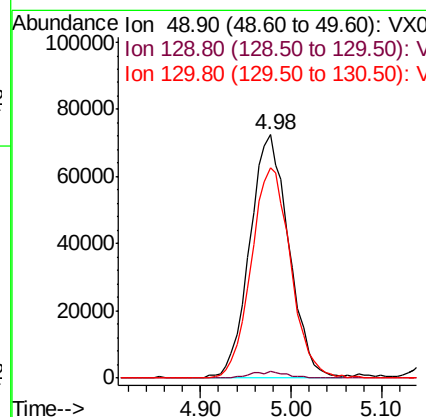
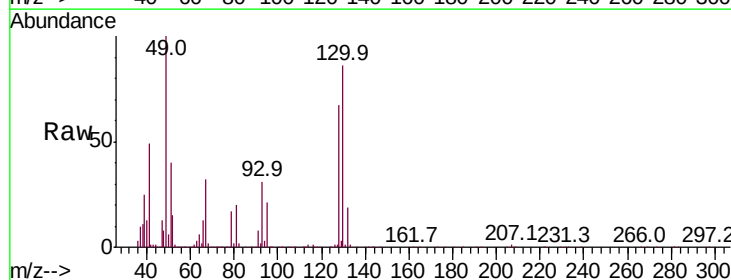
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	301.2
98	66.1	0.0	130.0

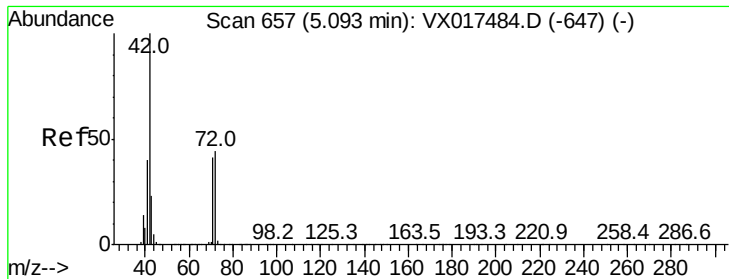


#28

Bromochloromethane
 Concen: 45.800 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	88.0	66.7	100.1

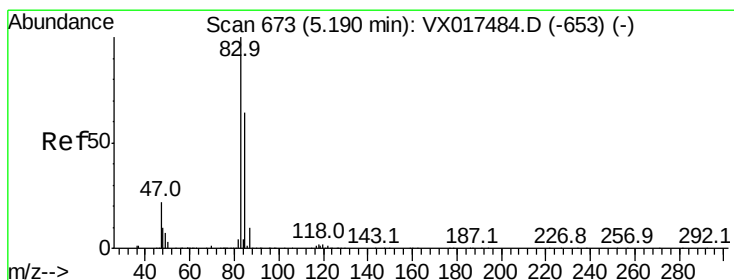
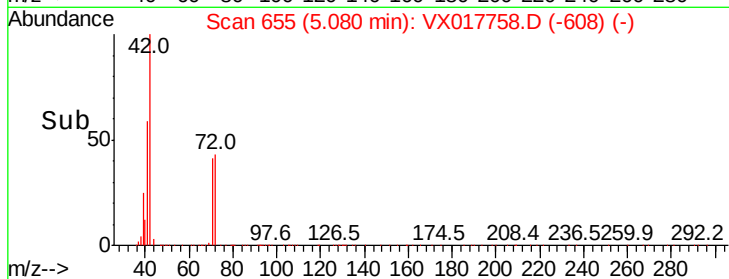
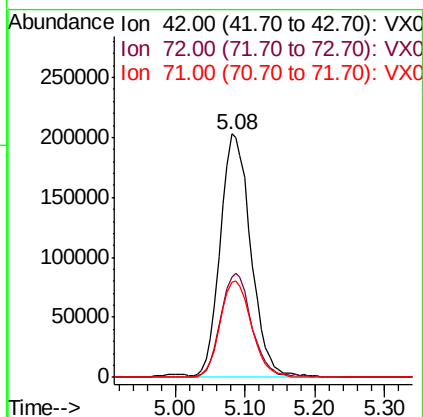
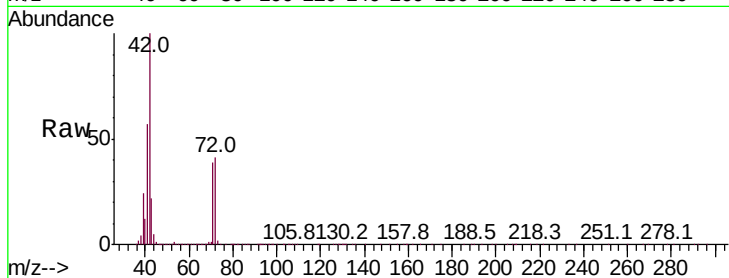




#29
Tetrahydrofuran
Concen: 236.312 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

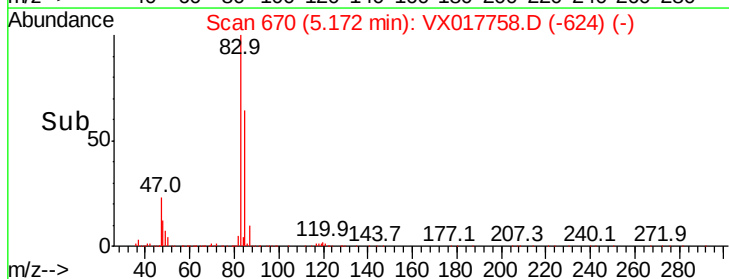
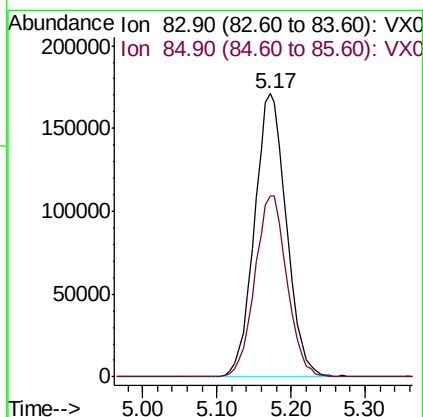
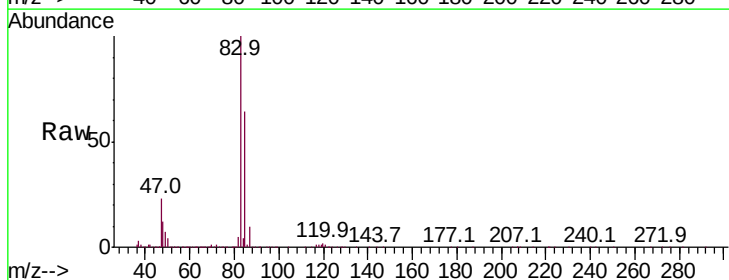
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

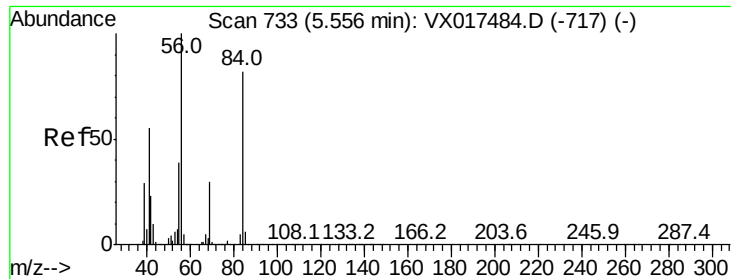
Tot Ion: 42 Resp: 612382
Ion Ratio Lower Upper
42 100
72 43.4 35.5 53.3
71 40.6 33.0 49.4



#30
Chloroform
Concen: 48.495 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 83 Resp: 512740
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2

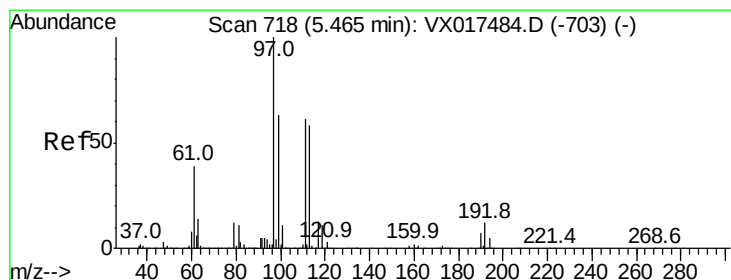
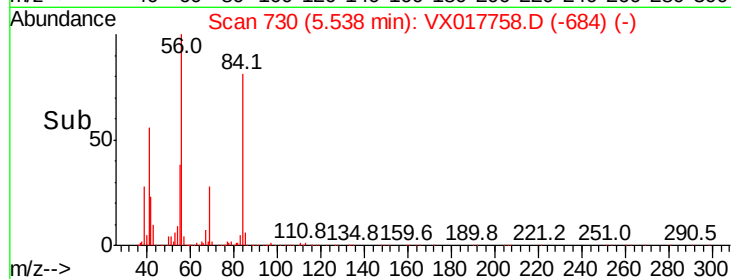
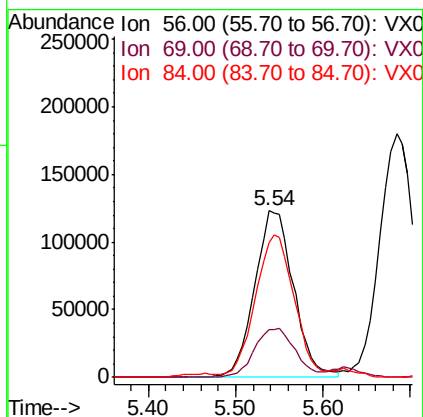
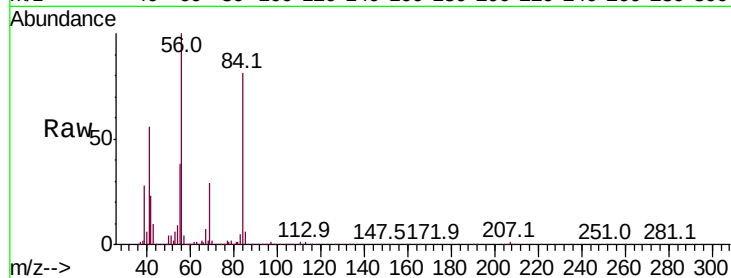




#31
Cyclohexane
Concen: 45.875 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.02 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

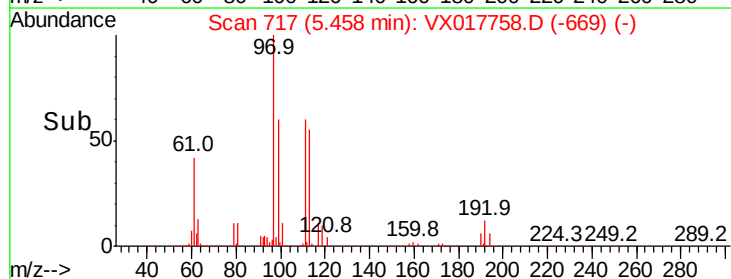
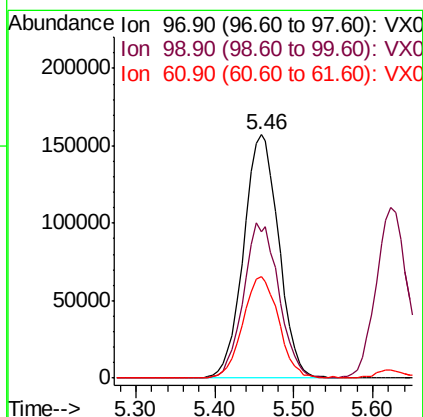
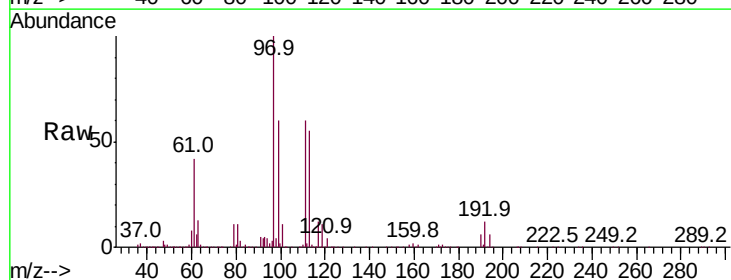
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

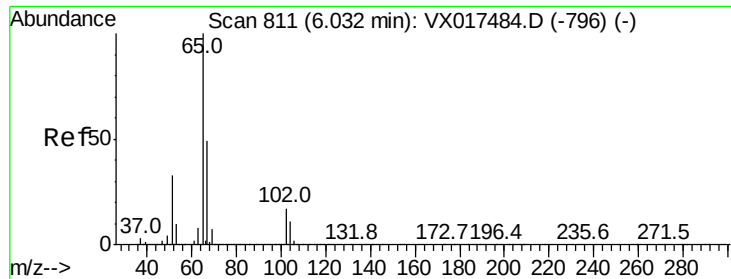
Tot Ion: 56 Resp: 378546
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.4
84 79.1 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 97 Resp: 486170
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 42.5 34.1 51.1

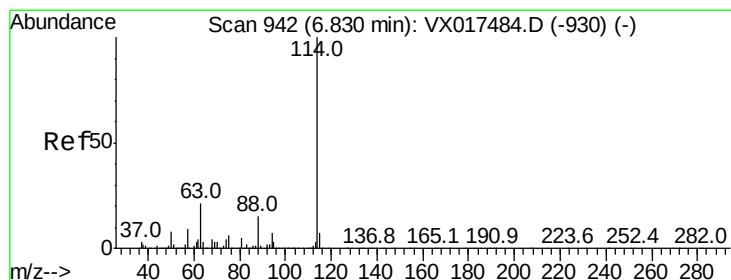
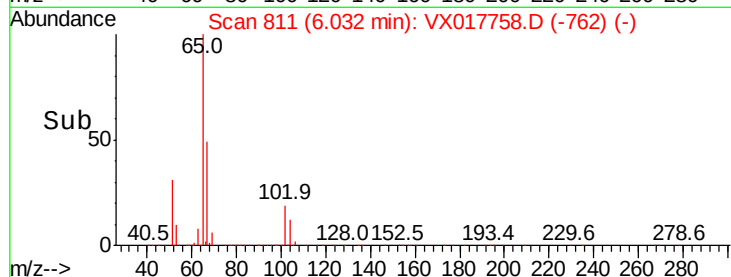
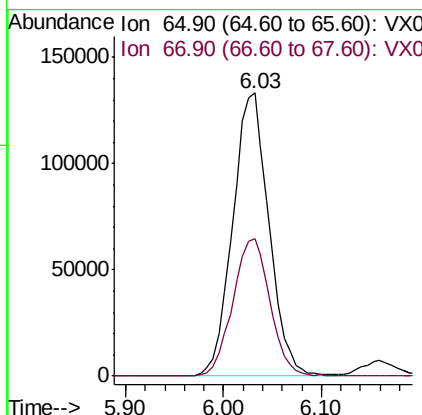
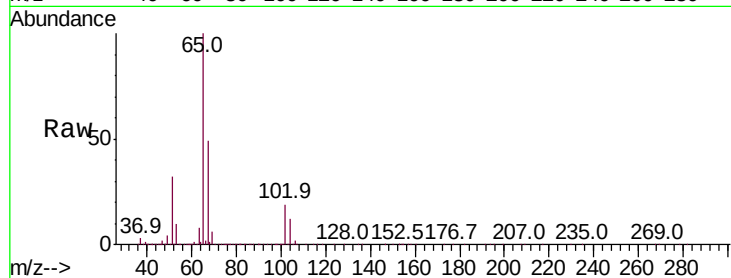




#33
 1,2-Dichloroethane-d4
 Concen: 51.108 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

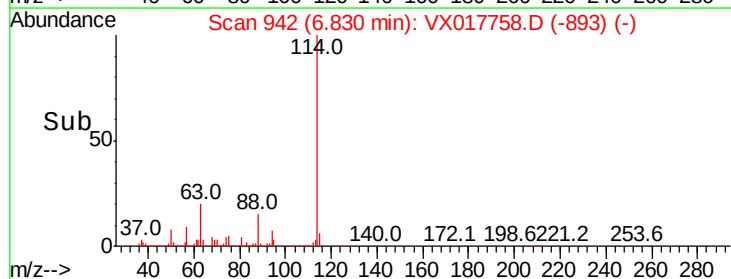
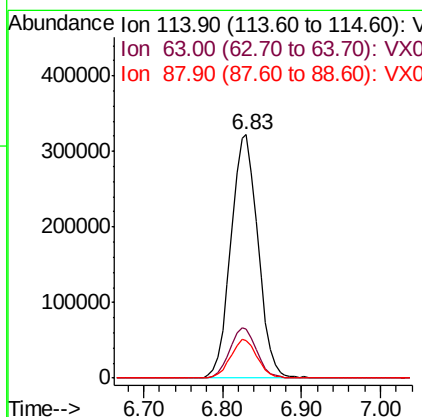
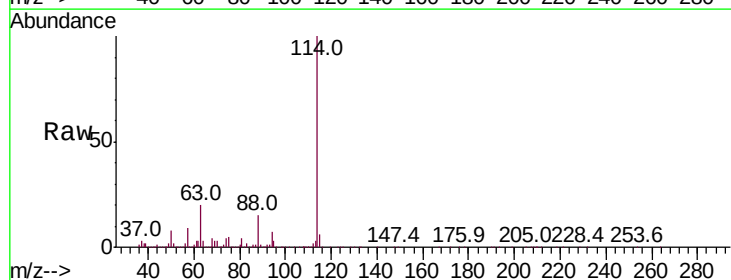
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

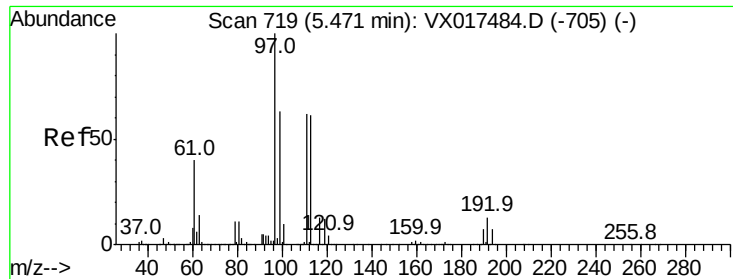
Tot Ion: 65 Resp: 341963
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion: 114 Resp: 770233
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.2 0.0 33.4

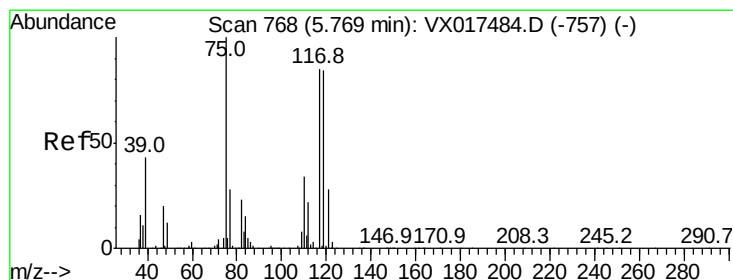
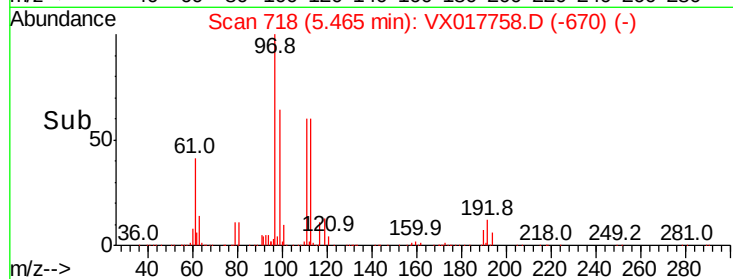
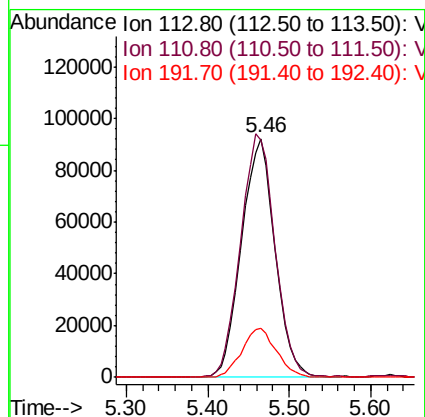
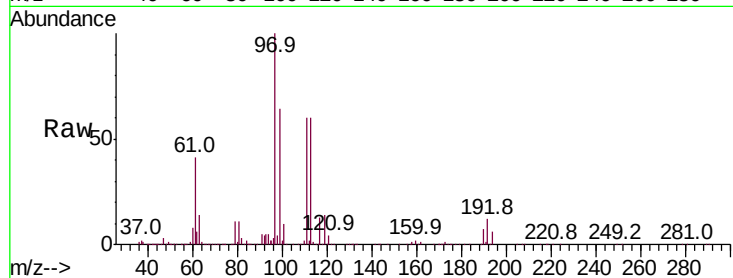




#35
 Dibromofluoromethane
 Concen: 51.239 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

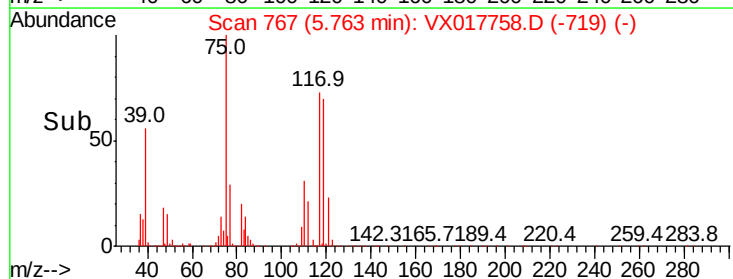
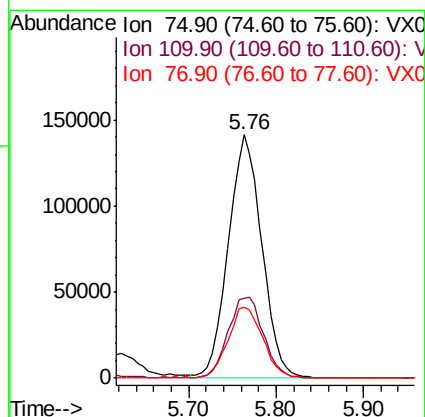
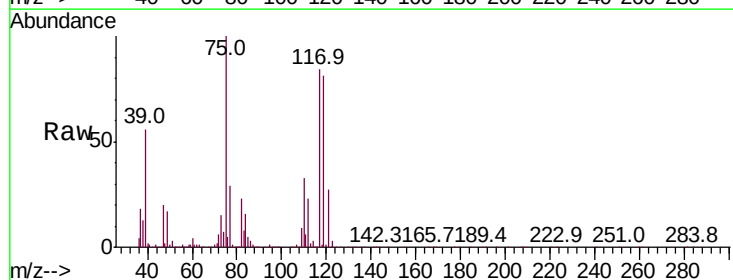
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

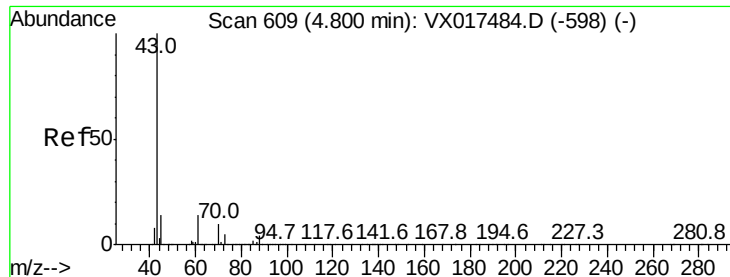
Tot Ion:113 Resp: 263952
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.7 121.1
 192 21.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 50.702 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 374548
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.1 54.3
 77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 45.403 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

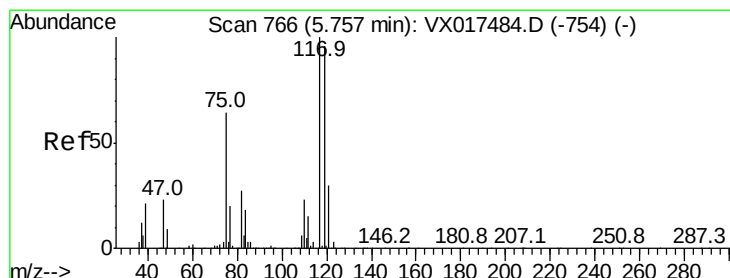
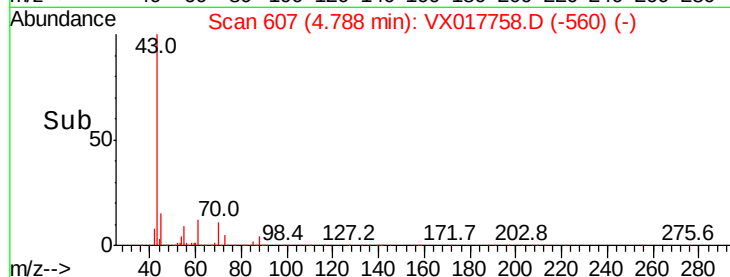
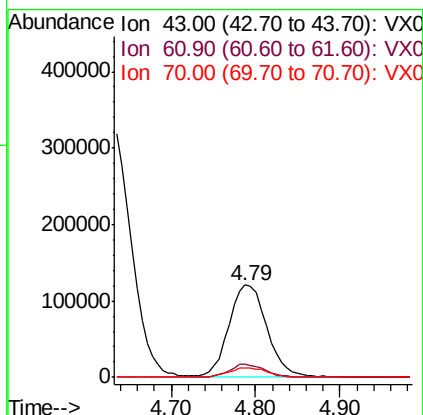
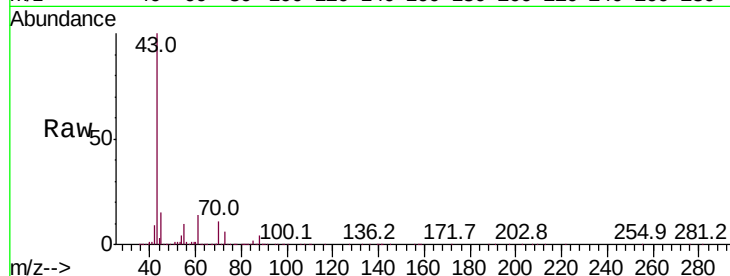
Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 366978

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.7	16.1
70	10.8	8.5	12.7



#38

Carbon Tetrachloride

Concen: 51.052 ug/l

RT: 5.75 min Scan# 765

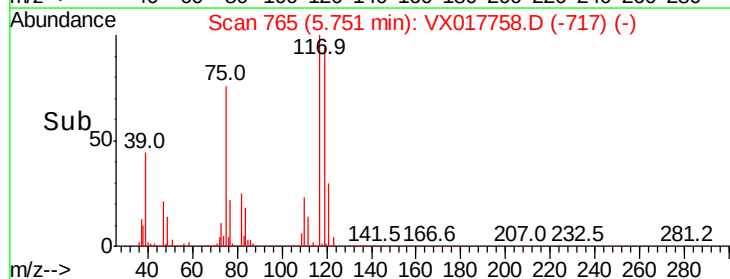
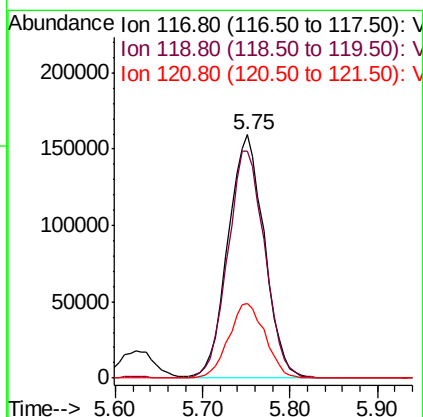
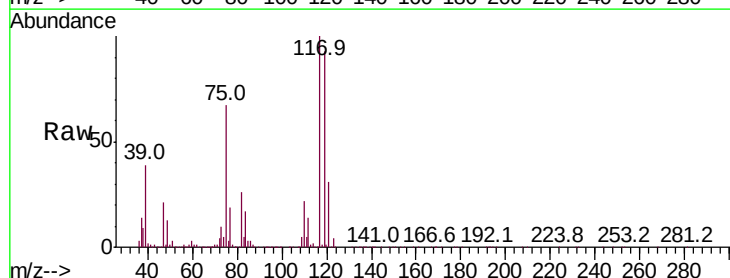
Delta R.T. -0.01 min

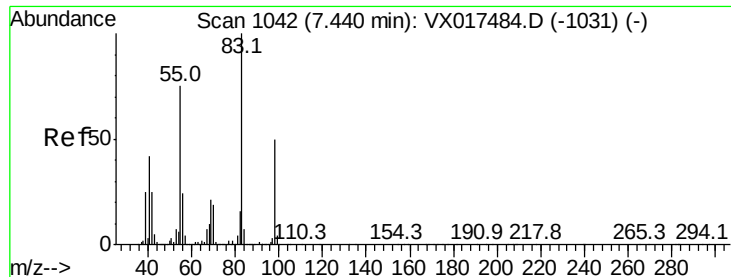
Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 117 Resp: 457980

Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.4	113.0
121	30.7	24.3	36.5

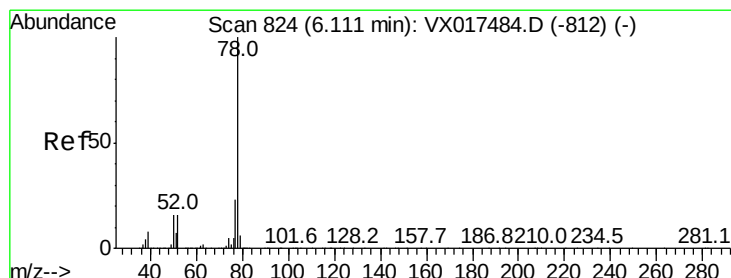
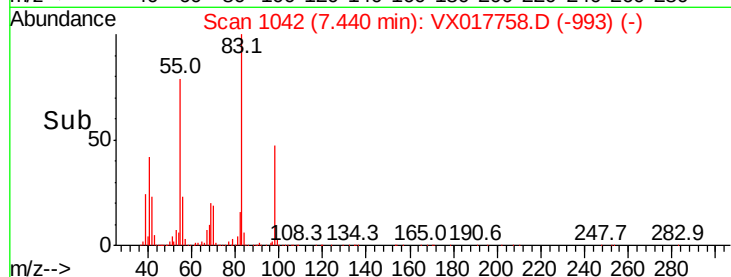
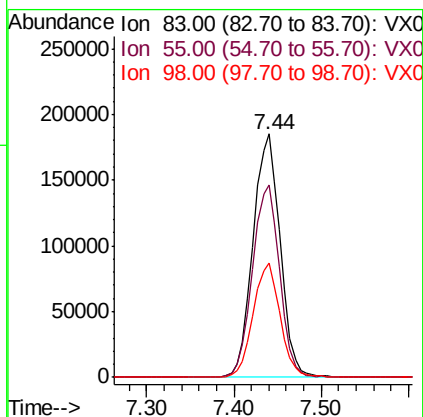
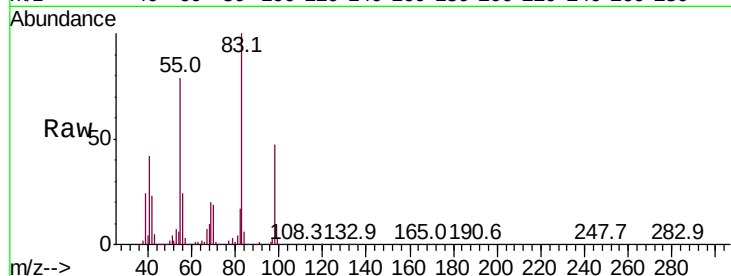




#39
Methylvlcyclohexane
Concen: 46.161 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

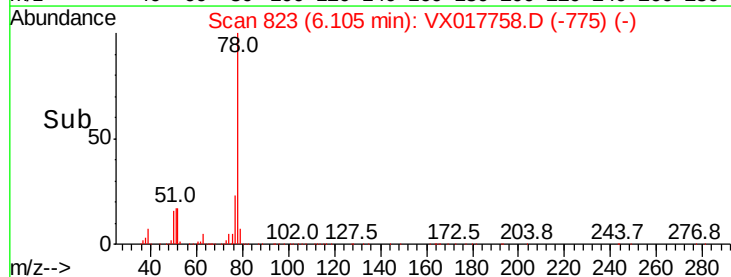
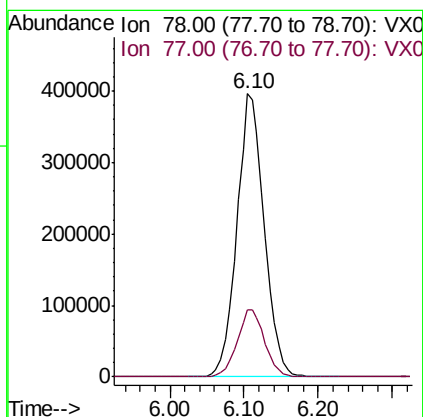
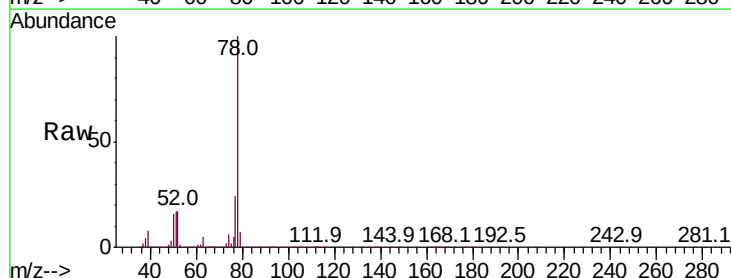
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

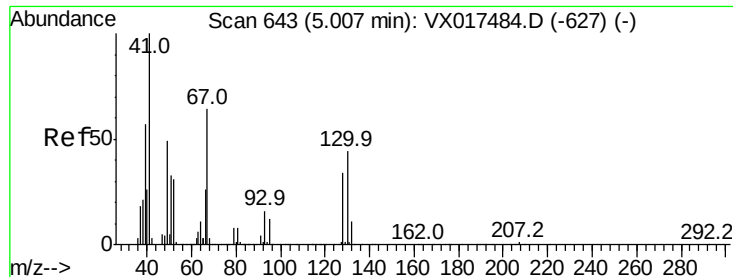
Tot Ion: 83 Resp: 398078
Ion Ratio Lower Upper
83 100
55 78.7 61.8 92.8
98 46.9 36.9 55.3



#40
Benzene
Concen: 47.844 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 78 Resp: 1013284
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

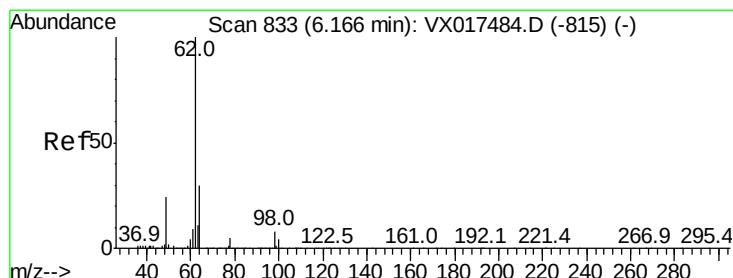
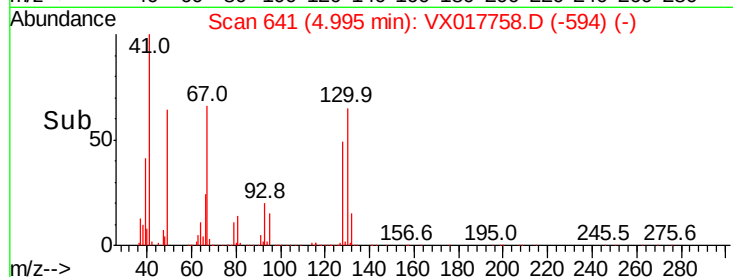
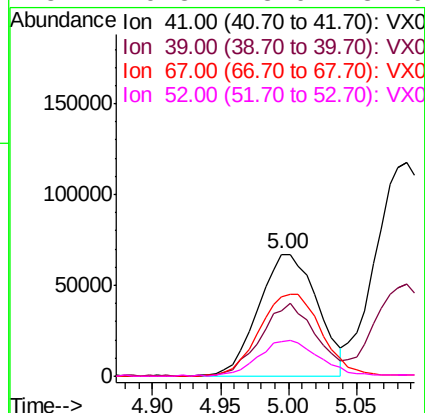
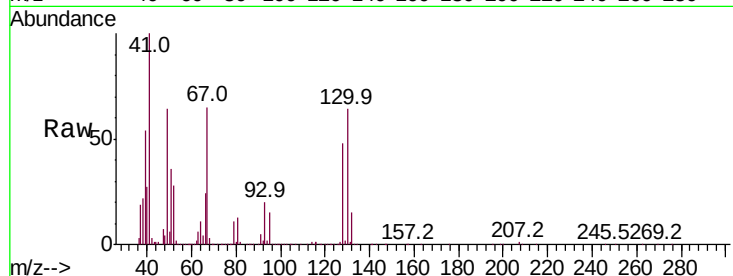




#41
Methacrylonitrile
Concen: 43.813 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

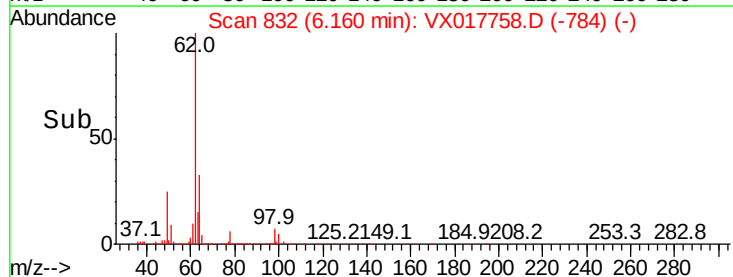
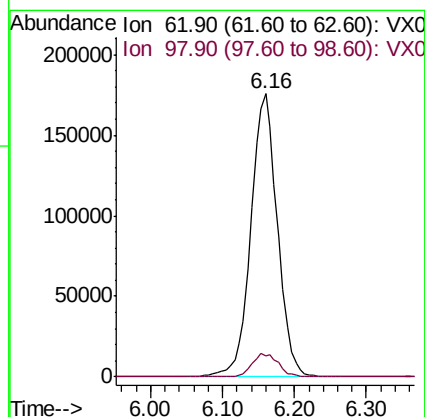
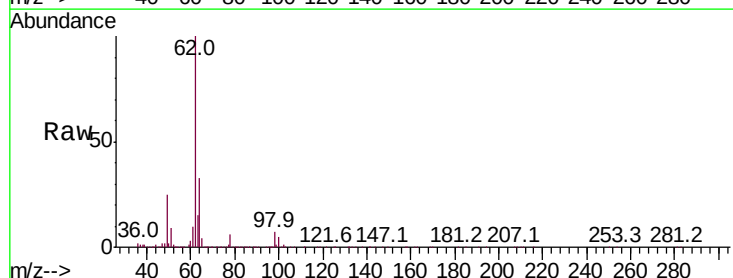
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

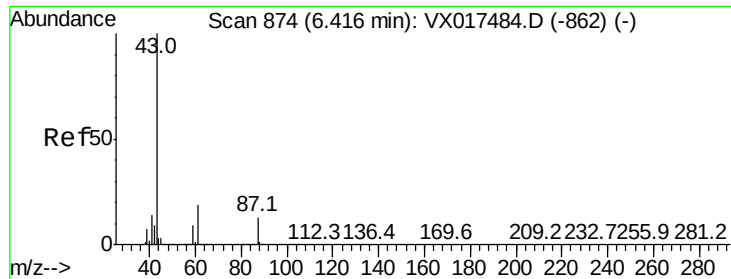
Tot Ion:	41	Resp:	202982
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.9	65.9
67	70.5	54.0	81.0
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.736 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:	62	Resp:	448263
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0

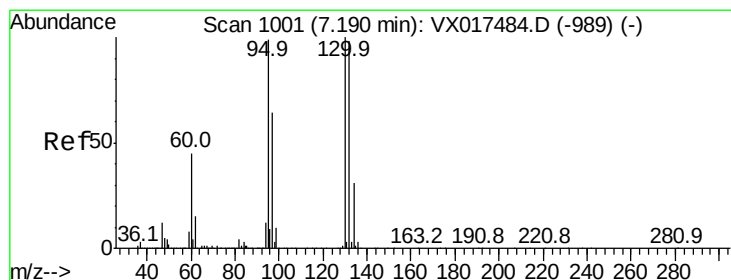
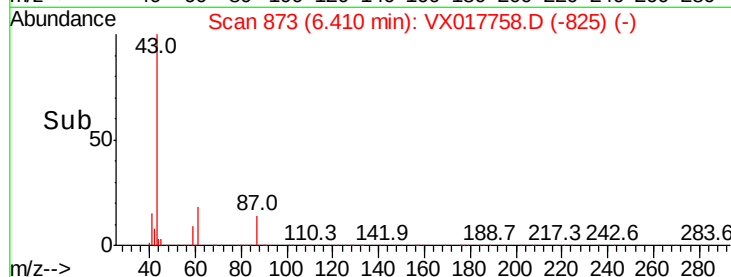
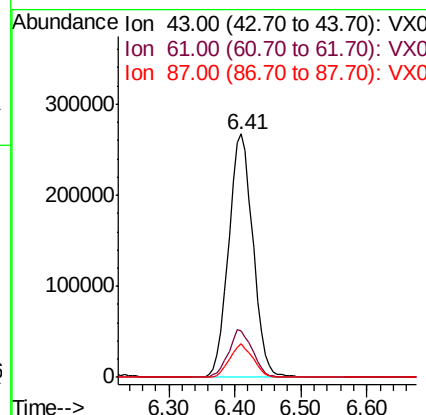
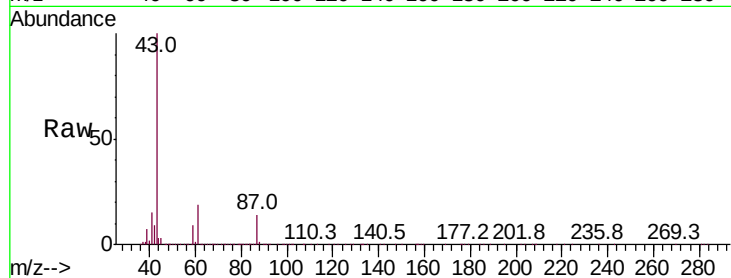




#43
Isopropyl Acetate
Concen: 50.803 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

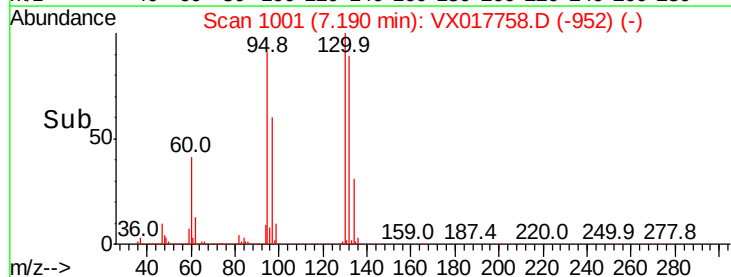
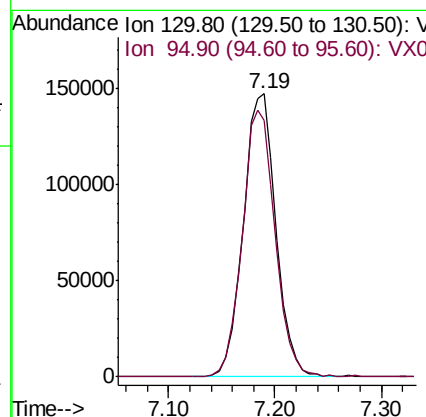
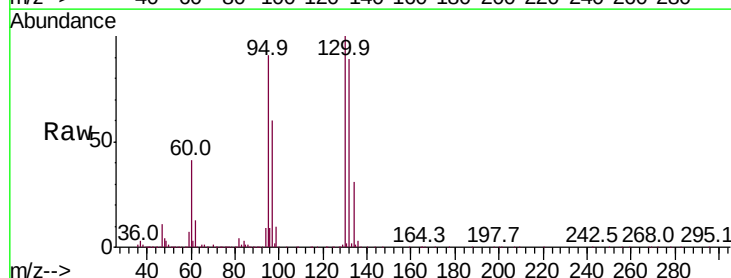
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

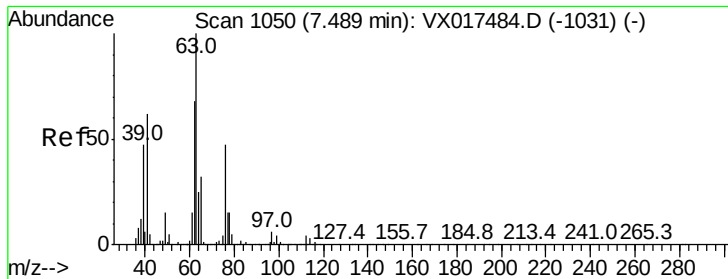
Tot Ion: 43 Resp: 677506
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 51.174 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:130 Resp: 316734
Ion Ratio Lower Upper
130 100
95 90.8 0.0 189.0





#45

1,2-Dichloropropane

Concen: 46.952 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

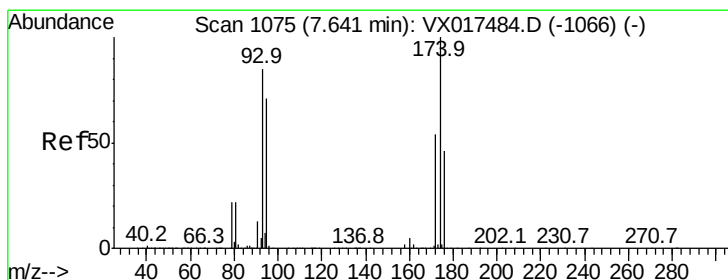
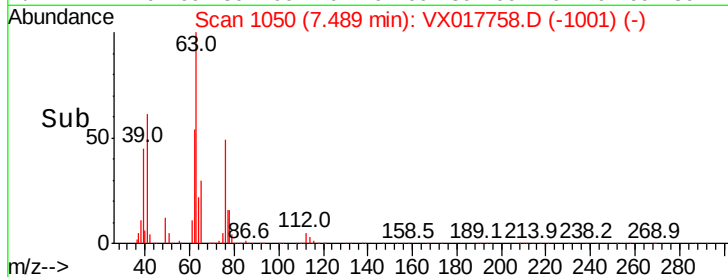
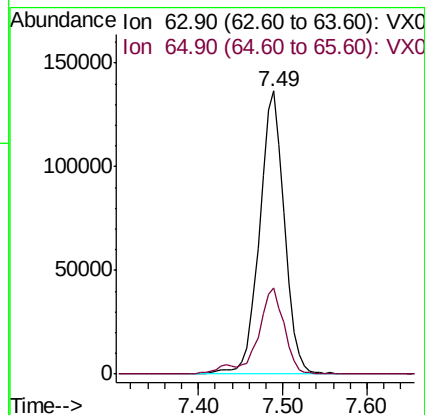
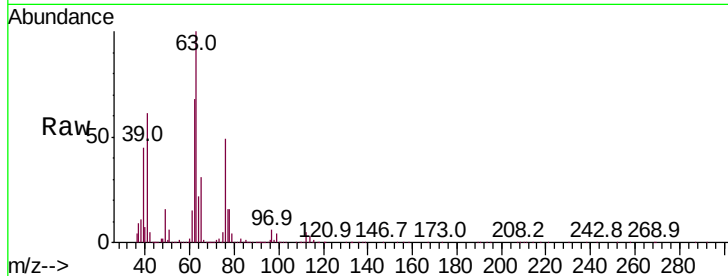
VSTDCCC050

Tot Ion: 63 Resp: 275662

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 46.863 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

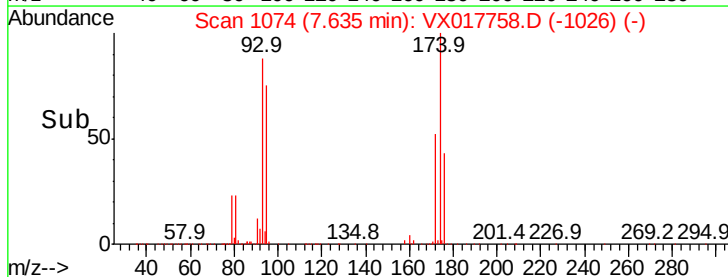
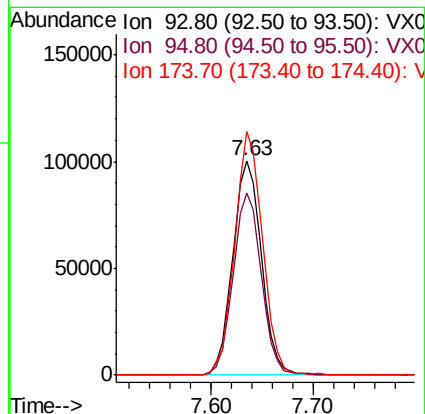
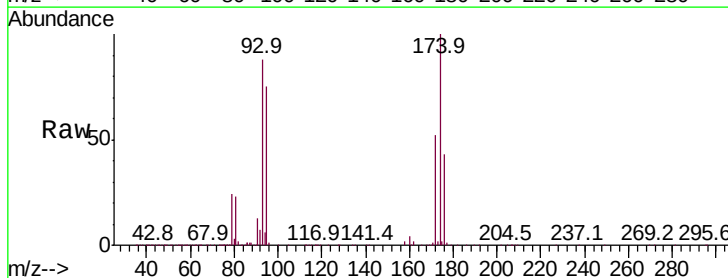
Tgt Ion: 93 Resp: 194442

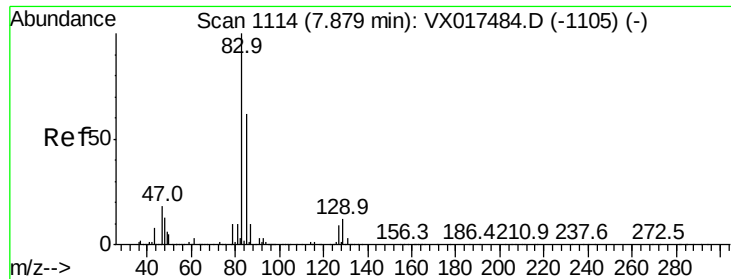
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 109.8 87.0 130.6





#47

Bromodichloromethane

Concen: 53.940 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

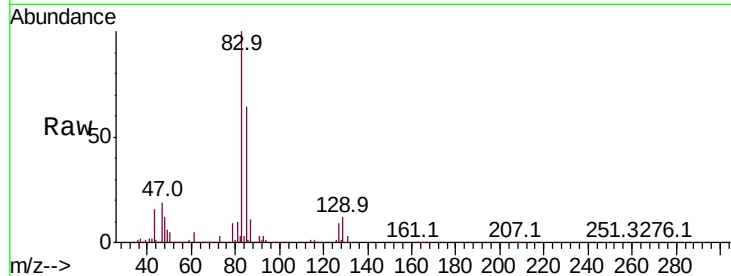
Tot Ion: 83 Resp: 450327

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

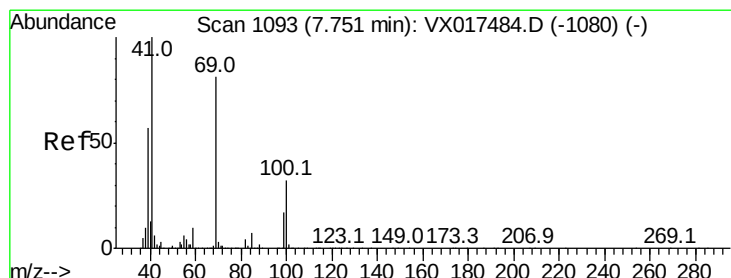
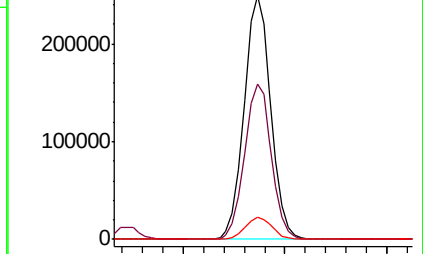
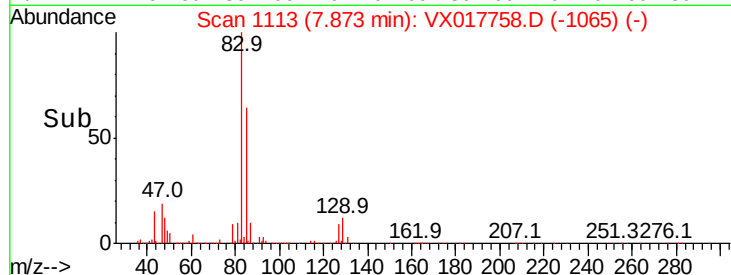
127 9.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.409 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

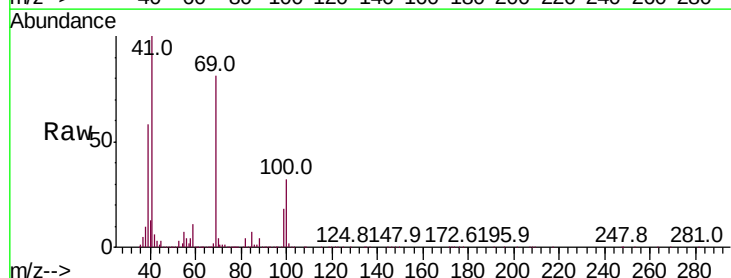
Tgt Ion: 41 Resp: 306794

Ion Ratio Lower Upper

41 100

69 81.5 63.1 94.7

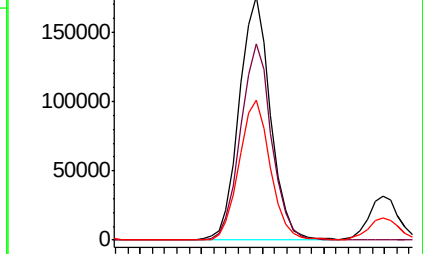
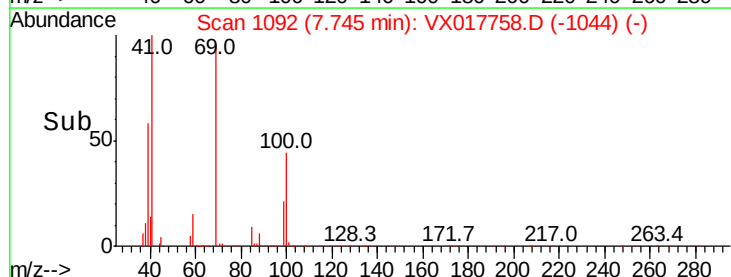
39 58.3 45.1 67.7

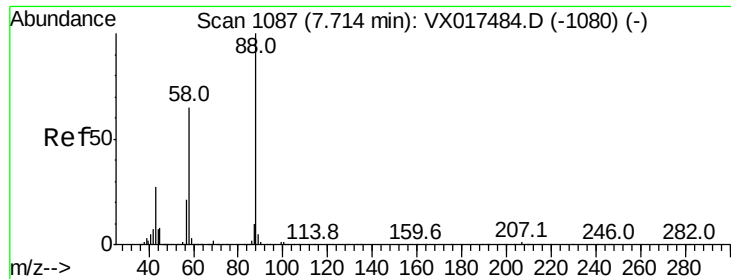


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 870.992 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

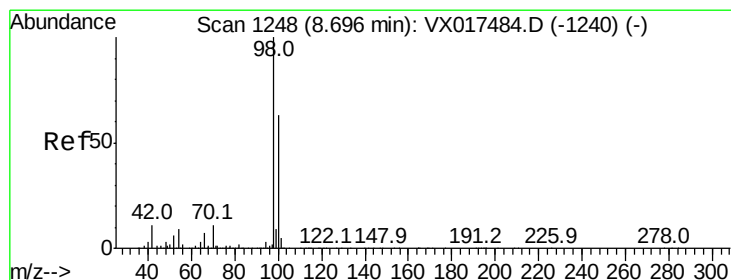
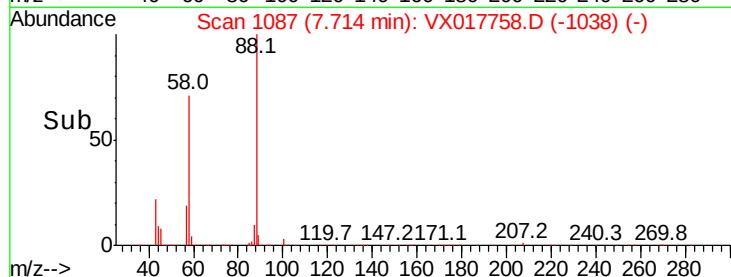
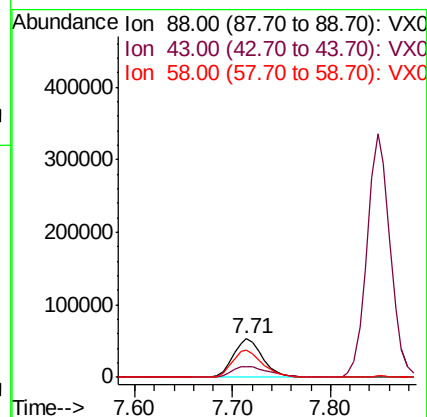
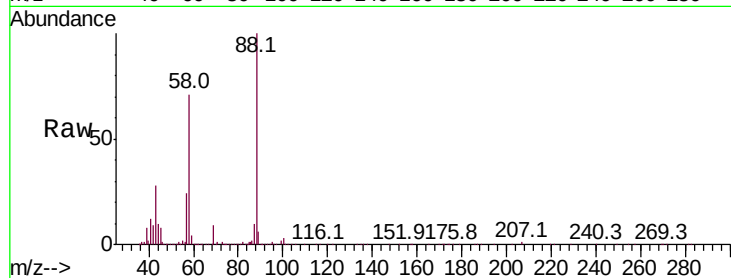
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 110390

Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.8	41.6
58	72.6	58.3	87.5



#50

Toluene-d8

Concen: 50.756 ug/l

RT: 8.70 min Scan# 1248

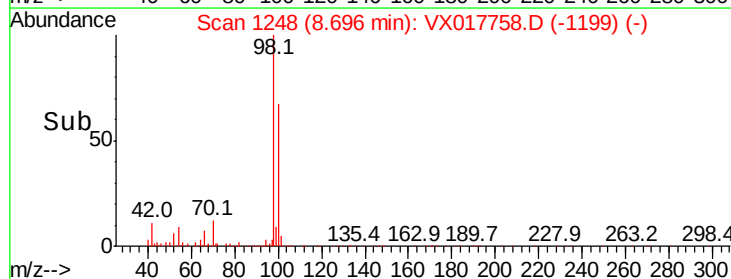
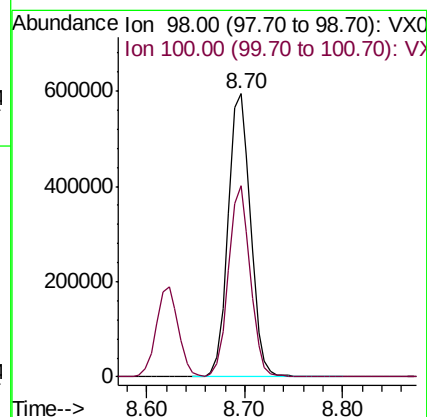
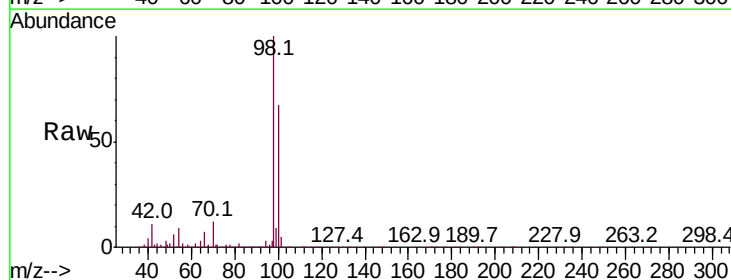
Delta R.T. 0.00 min

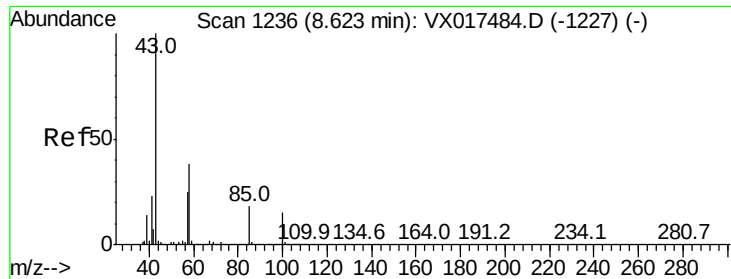
Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 98 Resp: 943226

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5

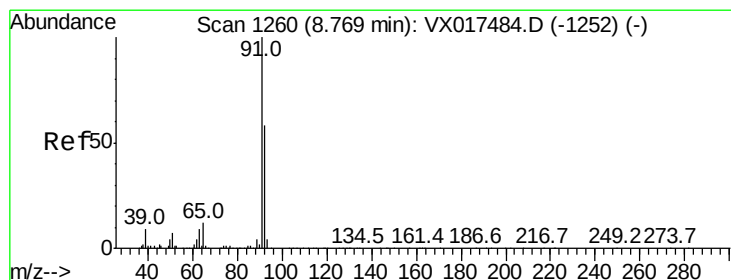
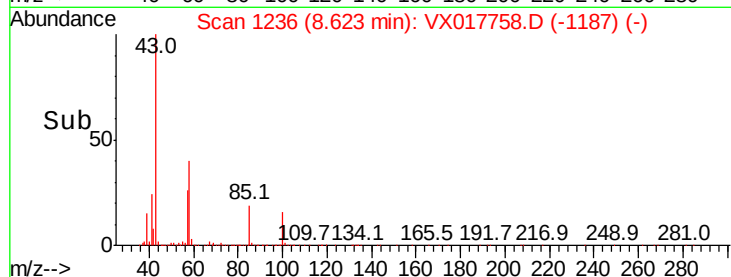
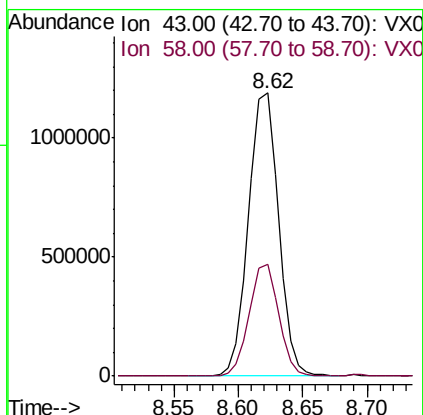
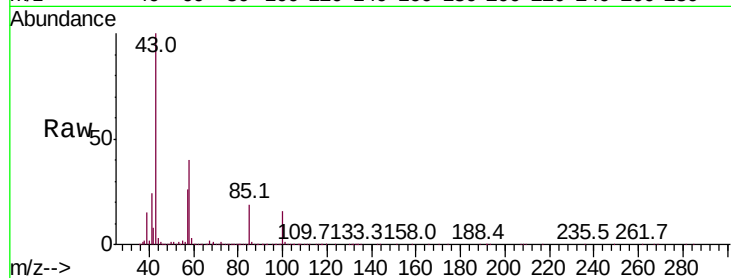




#51
4-Methyl-2-Pentanone
Concen: 240.872 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

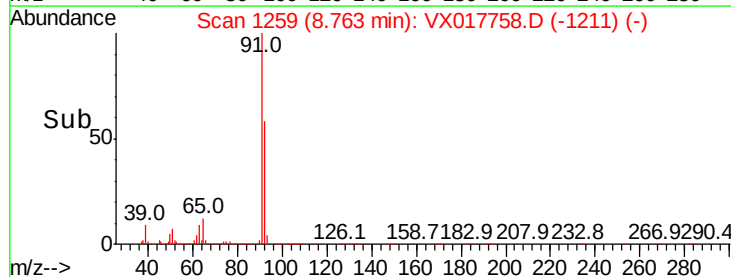
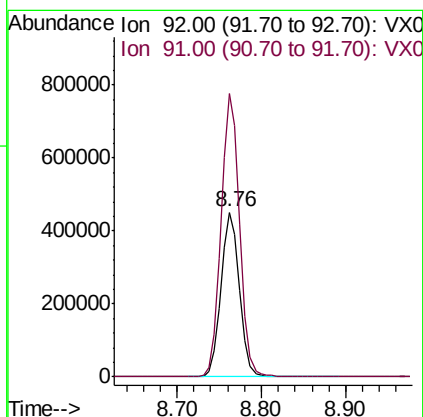
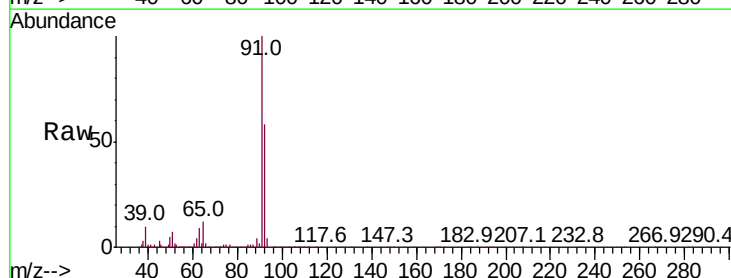
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

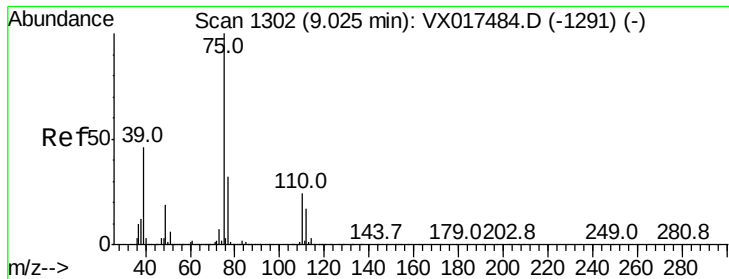
Tot Ion: 43 Resp: 1916654
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 50.206 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 92 Resp: 681922
Ion Ratio Lower Upper
92 100
91 173.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.393 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

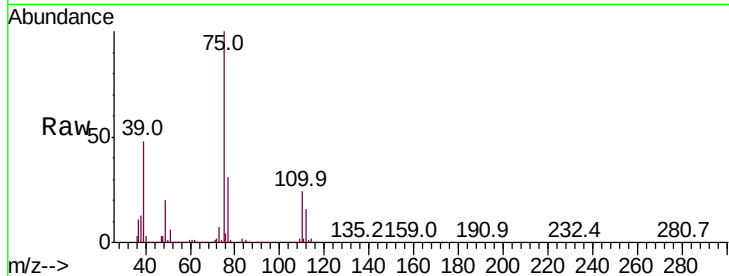
VSTDCCC050

Tot Ion: 75 Resp: 470961

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

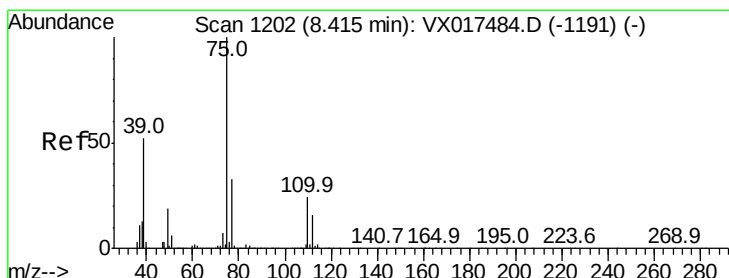
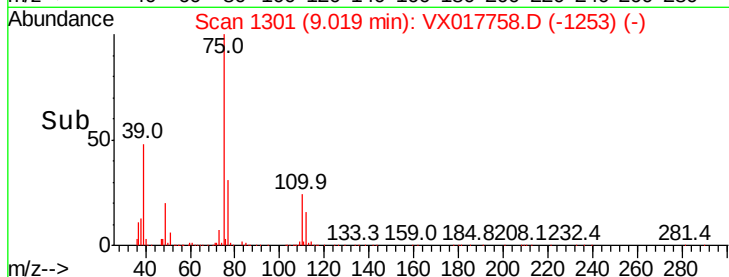
300000

200000

100000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 50.972 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

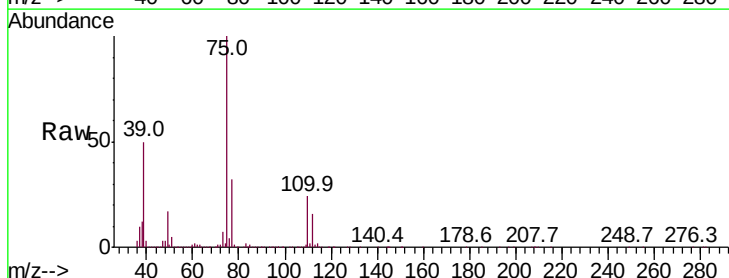
Tgt Ion: 75 Resp: 485890

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 50.2 41.8 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

400000

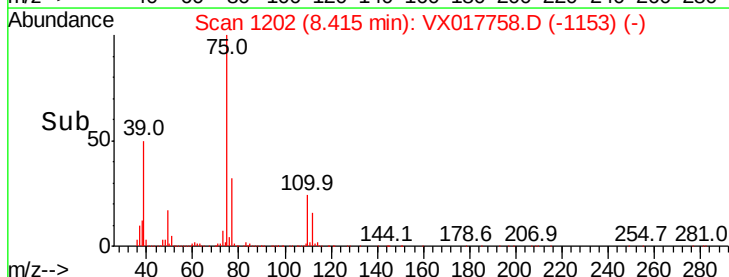
300000

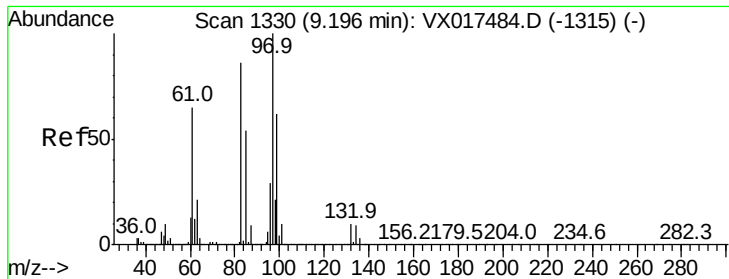
200000

100000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 50.755 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 287178

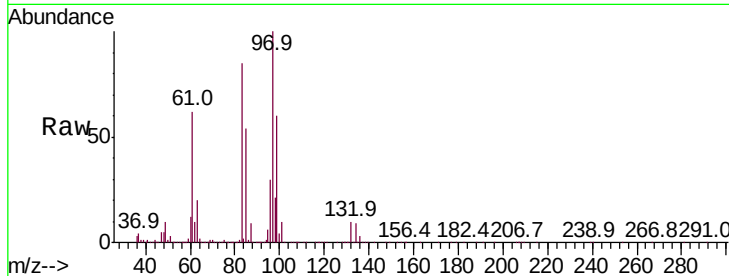
Ion Ratio Lower Upper

97 100

83 84.7 67.6 101.4

85 54.0 44.6 67.0

99 59.5 50.2 75.4

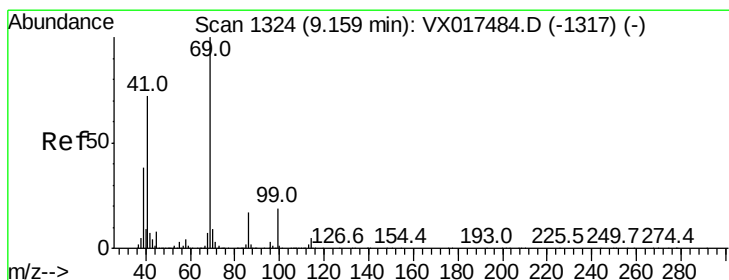
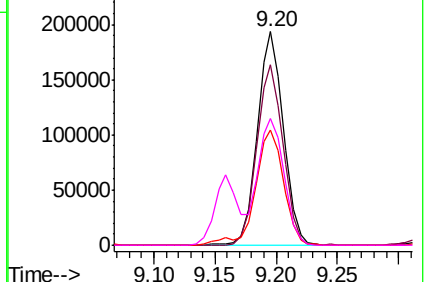
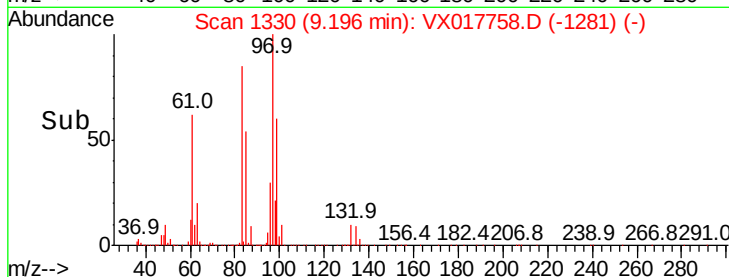


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.477 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

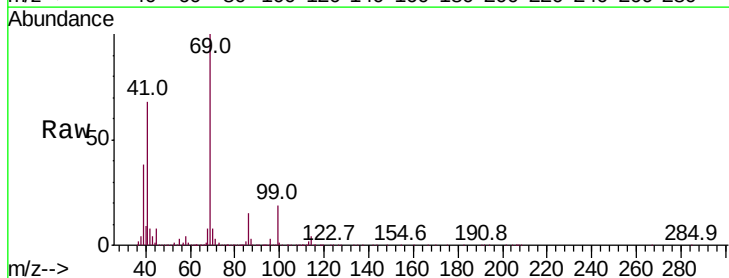
Tgt Ion: 69 Resp: 430284

Ion Ratio Lower Upper

69 100

41 68.1 55.0 82.6

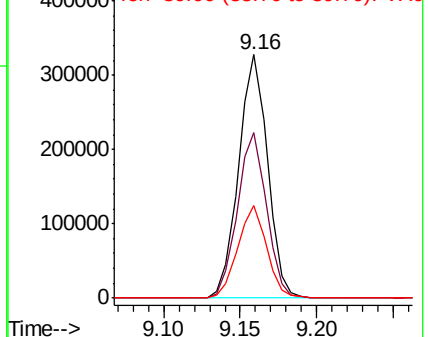
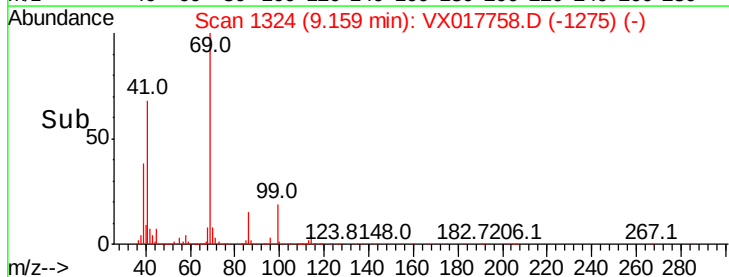
39 38.0 30.0 45.0

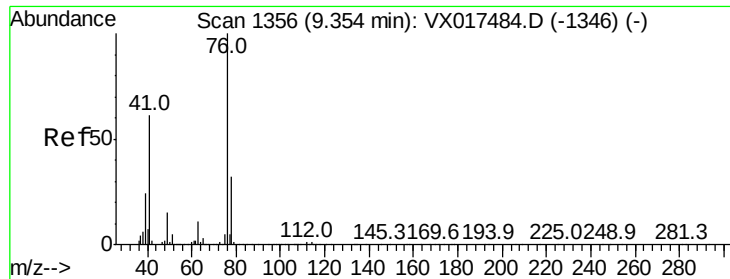


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.667 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

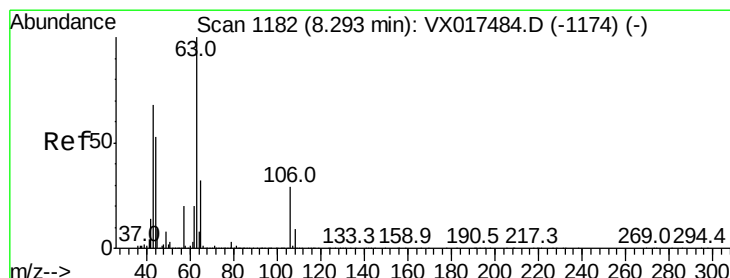
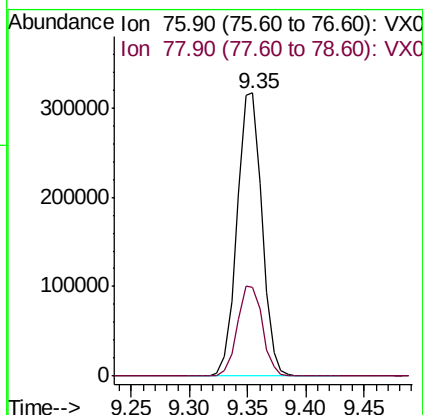
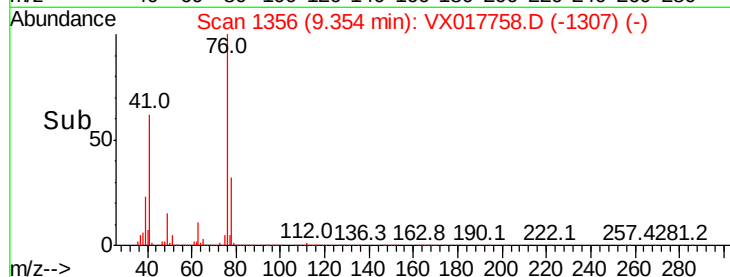
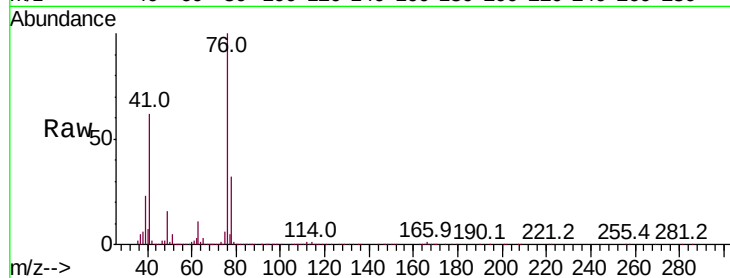
VSTDCCC050

Tot Ion: 76 Resp: 472051

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.902 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017758.D

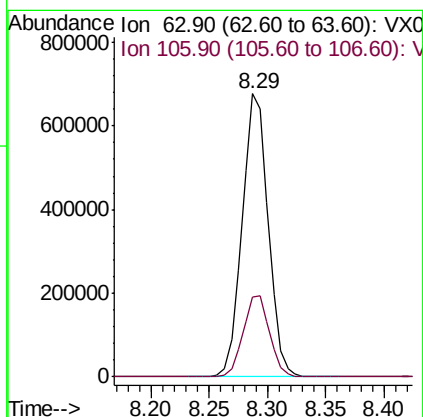
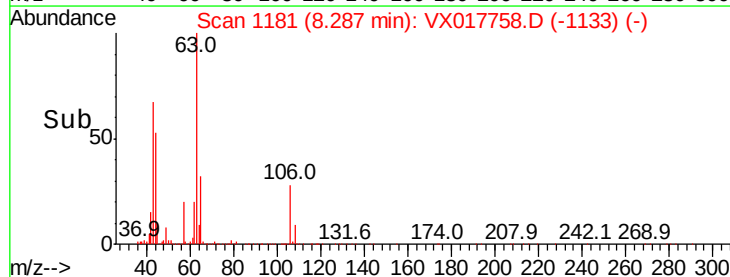
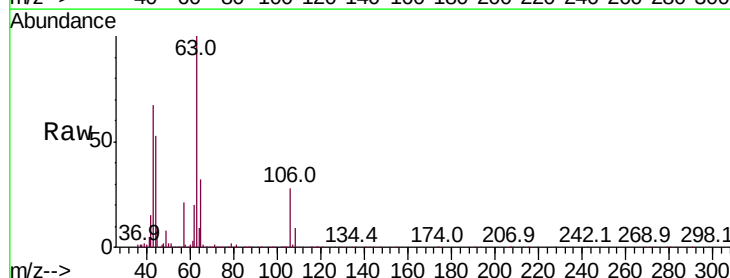
Acq: 04 Aug 2020 09:22

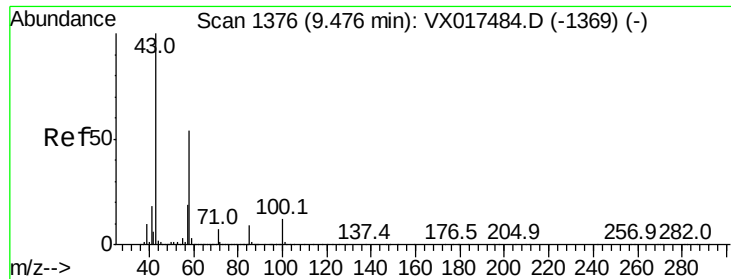
Tgt Ion: 63 Resp: 1054951

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0

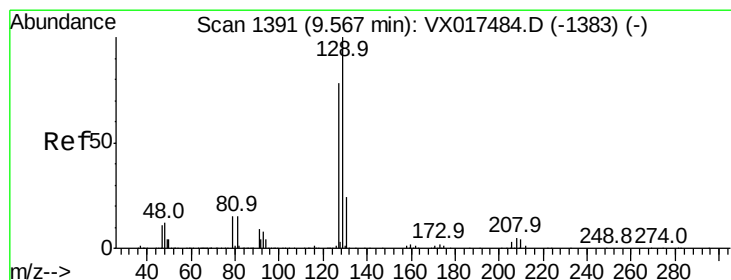
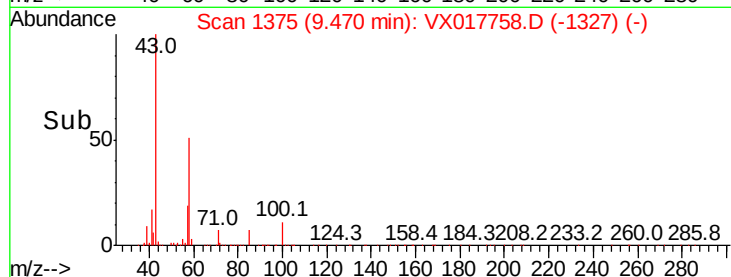
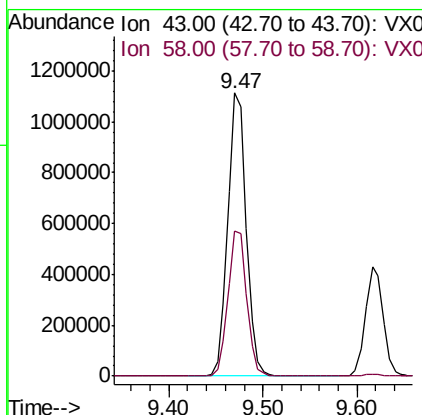
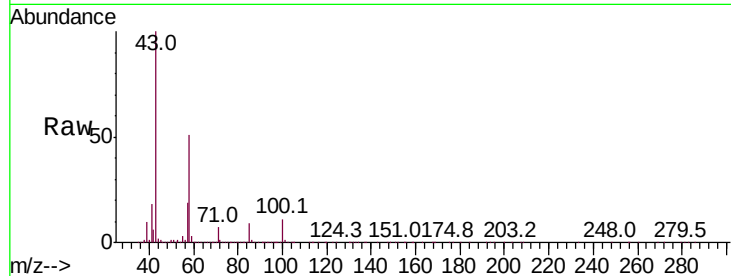




#59
2-Hexanone
Concen: 252.810 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

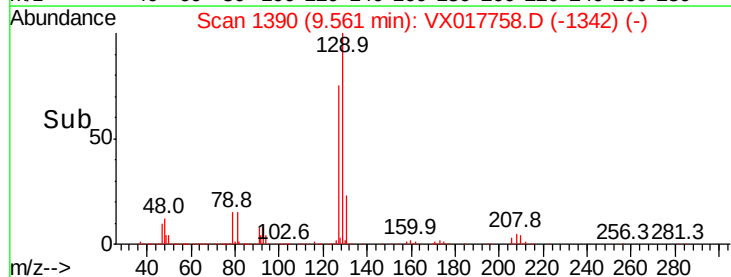
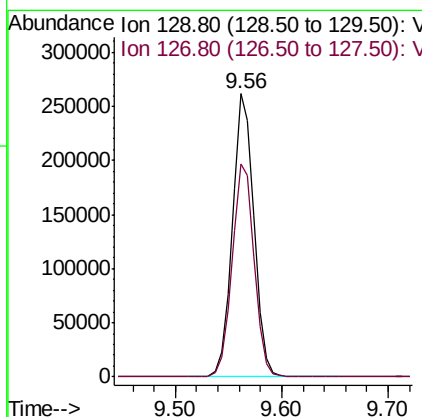
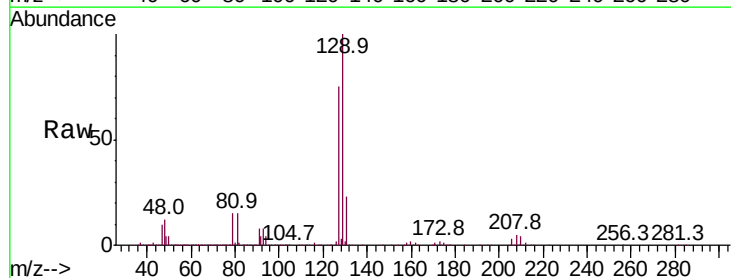
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

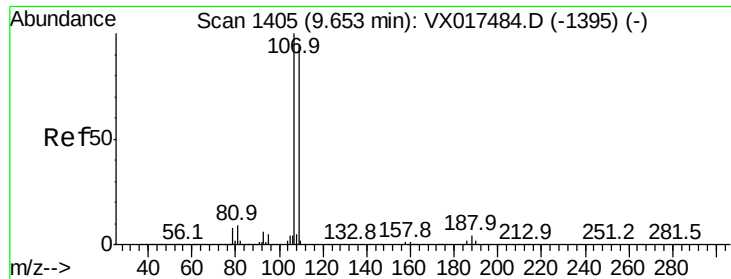
Tot Ion: 43 Resp: 1514542
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8



#60
Dibromochloromethane
Concen: 51.498 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 129 Resp: 370351
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.600 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

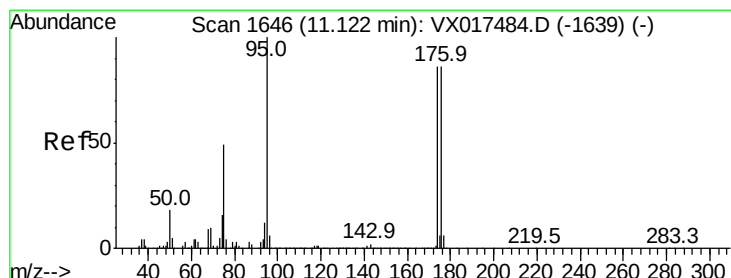
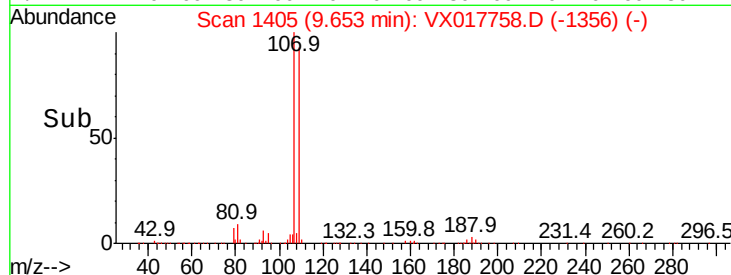
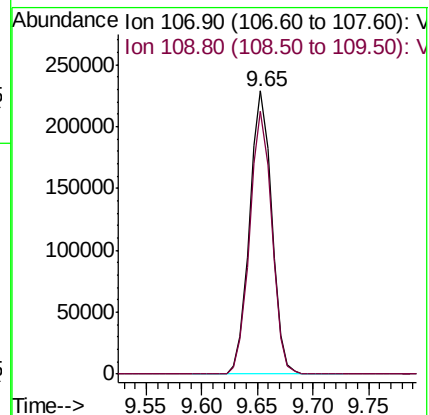
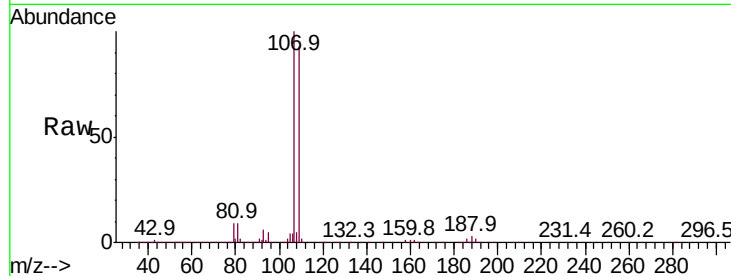
VSTDCCC050

Tot Ion:107 Resp: 316858

Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.743 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

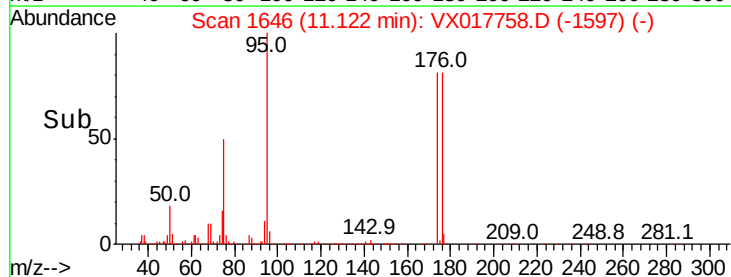
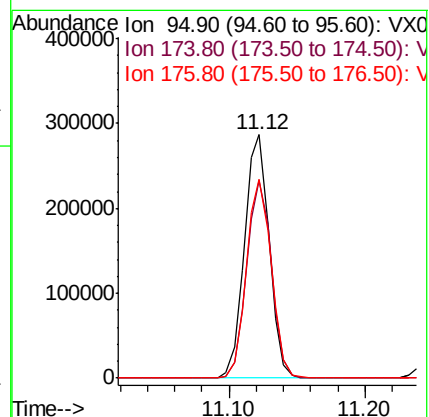
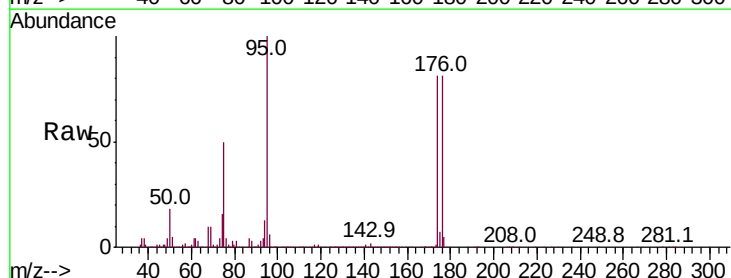
Tgt Ion: 95 Resp: 362511

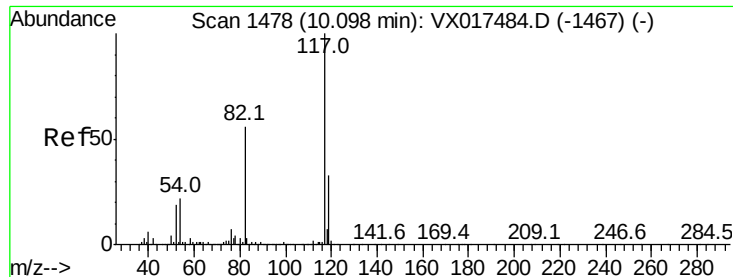
Ion Ratio Lower Upper

95 100

174 81.7 0.0 169.0

176 82.1 0.0 161.0

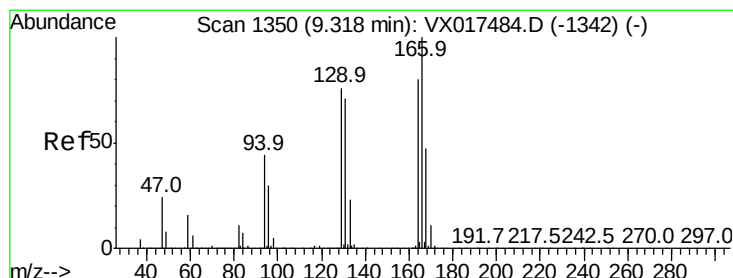
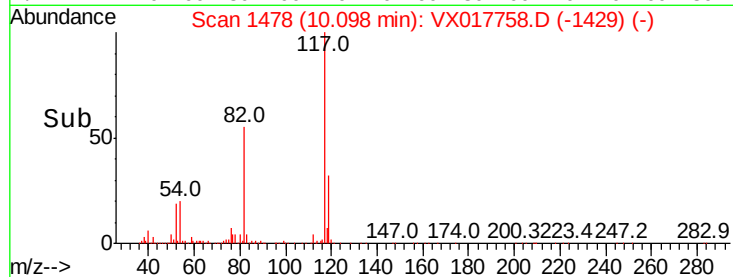
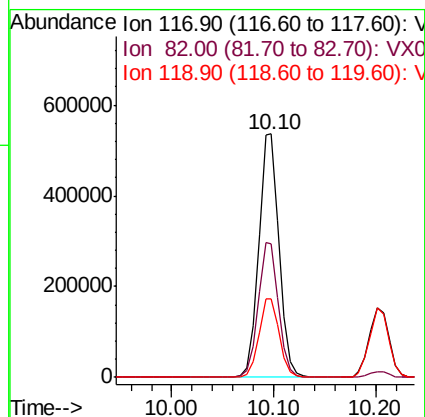
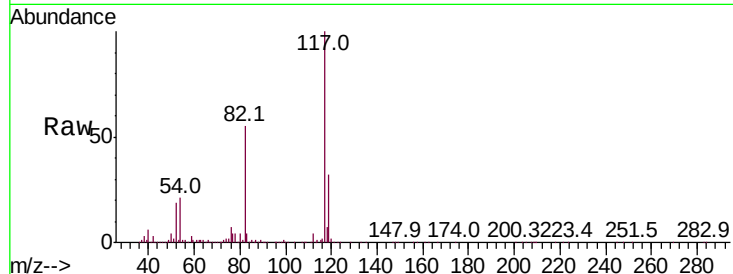




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

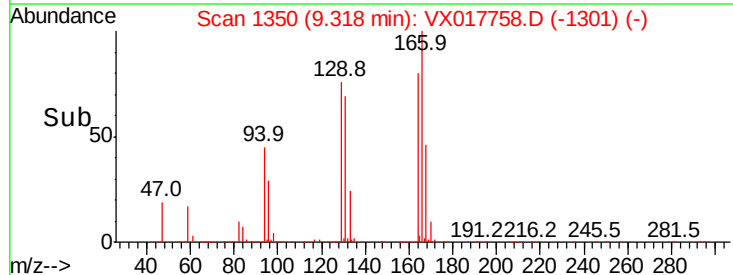
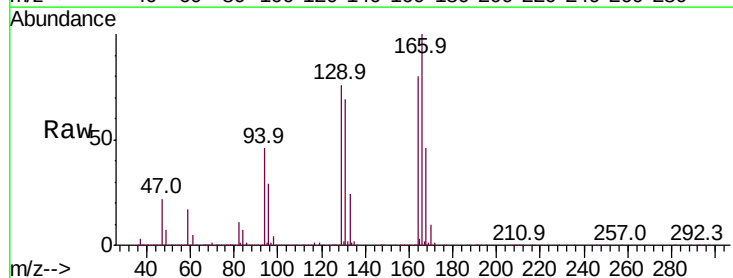
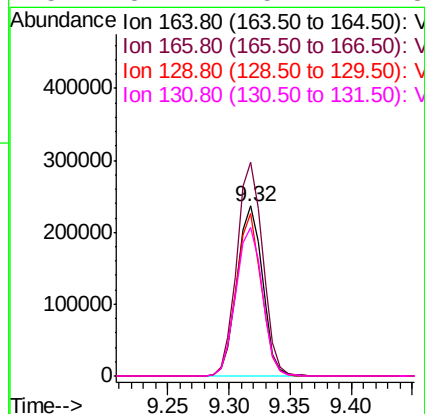
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

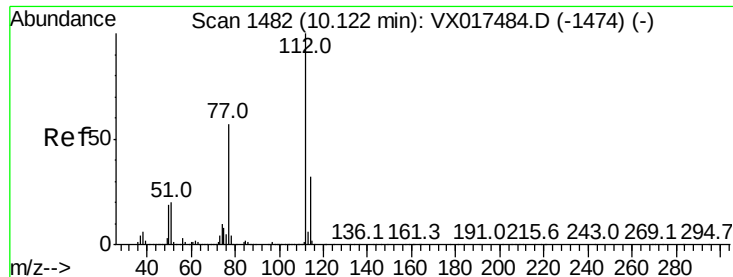
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.0	66.0
119	32.4	25.4	38.0



#64
Tetrachloroethene
Concen: 50.540 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.6	150.8
129	95.9	75.0	112.6
131	87.2	75.2	112.8

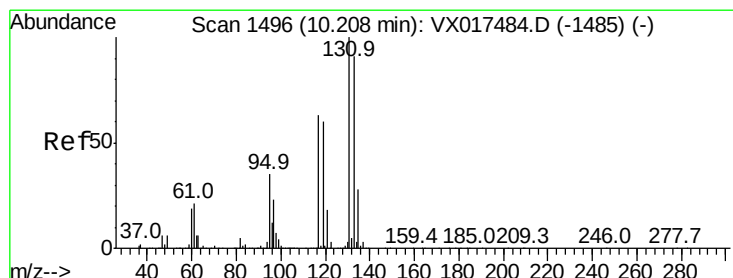
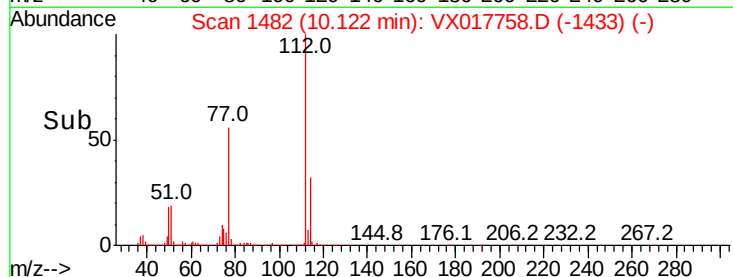
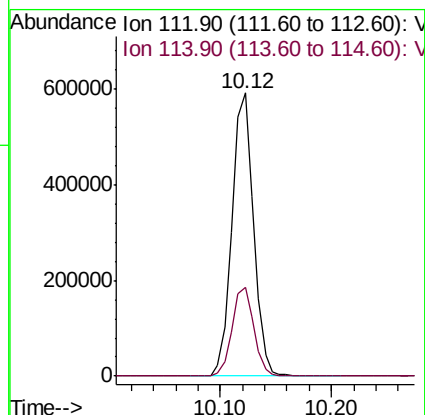
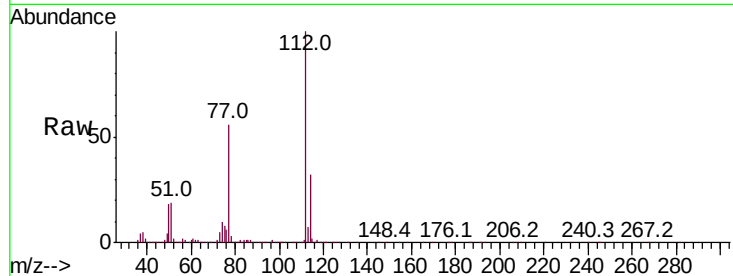




#65
Chlorobenzene
Concen: 48.739 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

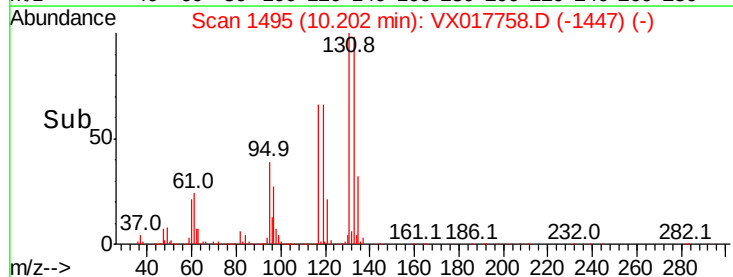
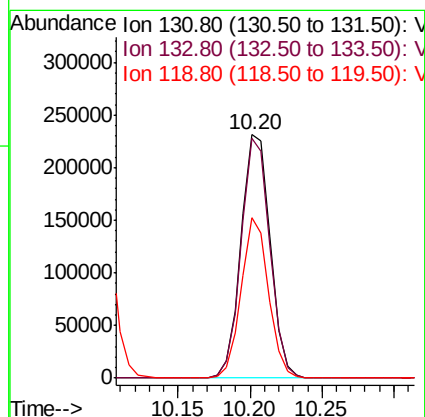
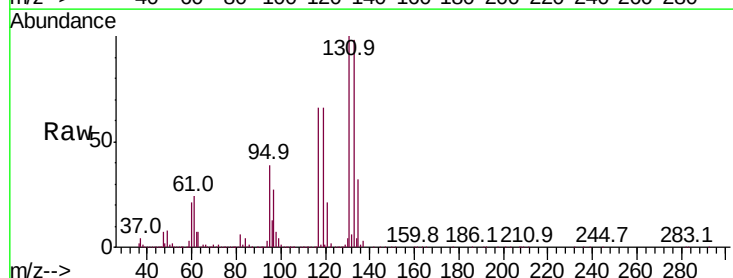
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

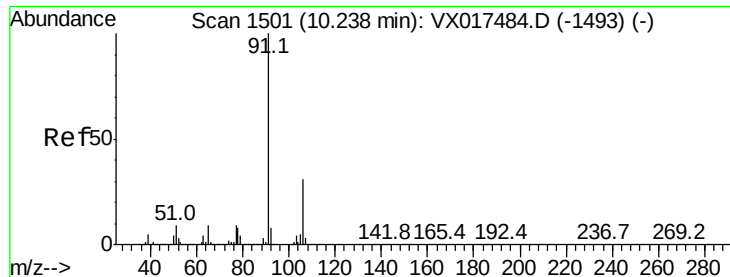
Tot Ion:112 Resp: 793462
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.635 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:131 Resp: 326122
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 61.6 31.1 93.3

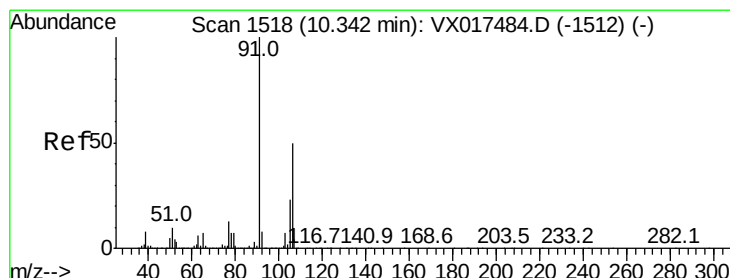
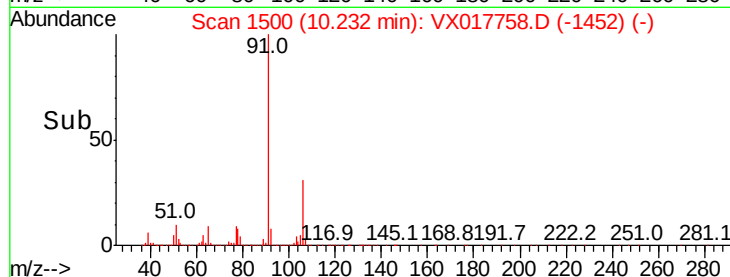
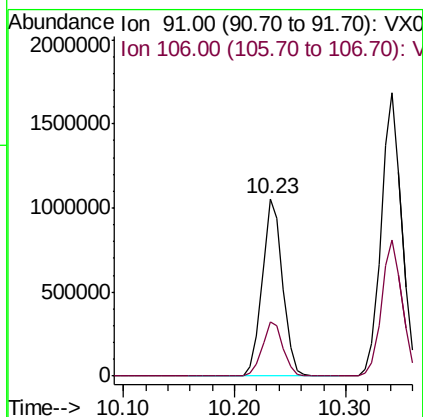
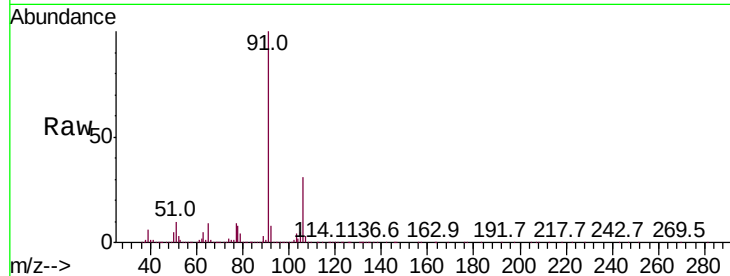




#67
Ethyl Benzene
Concen: 49.995 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

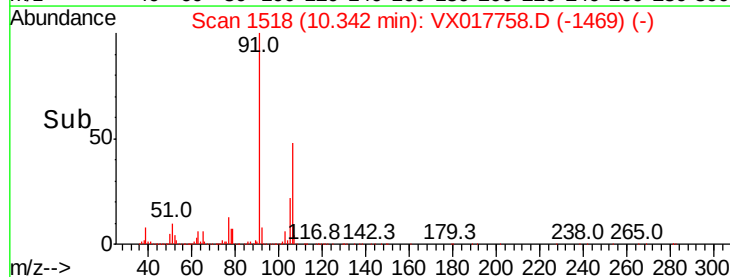
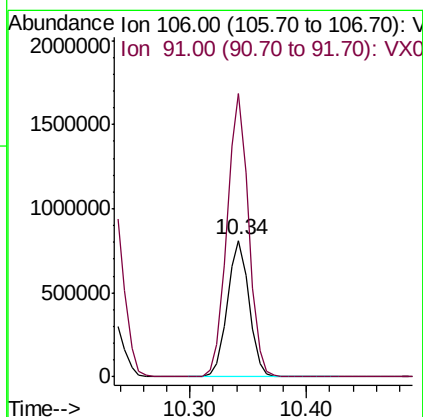
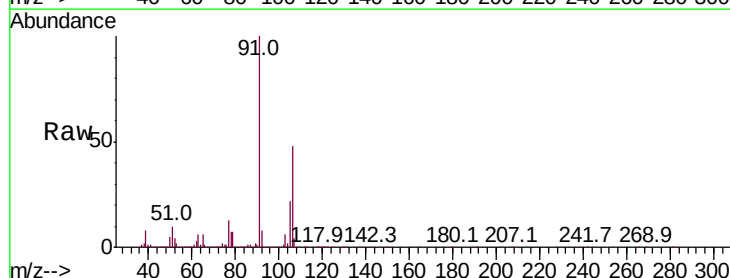
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

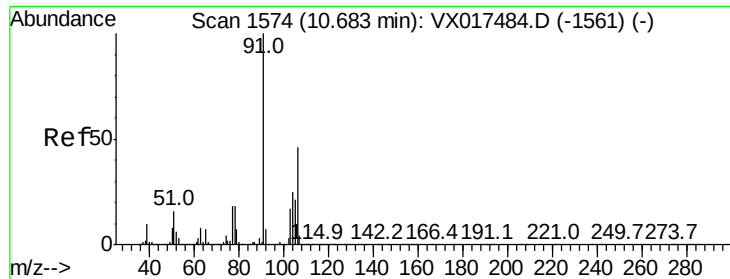
Tot Ion: 91 Resp: 1358641
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6



#68
m/p-Xylenes
Concen: 99.569 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 106 Resp: 1048239
Ion Ratio Lower Upper
106 100
91 206.4 160.9 241.3

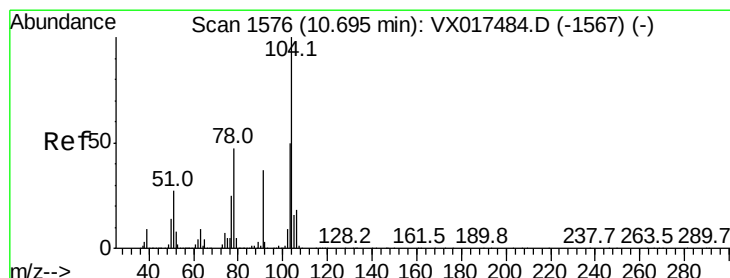
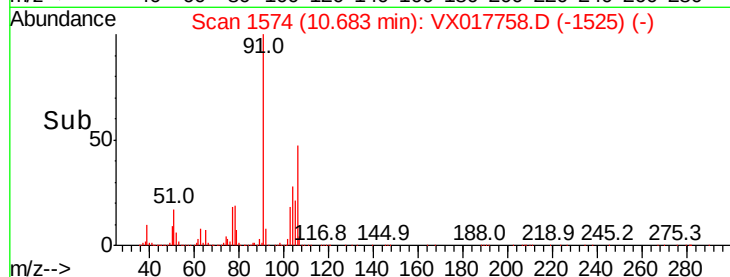
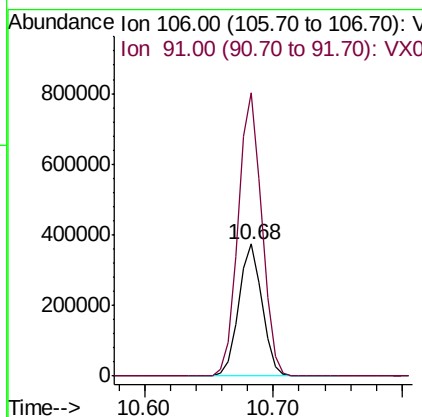
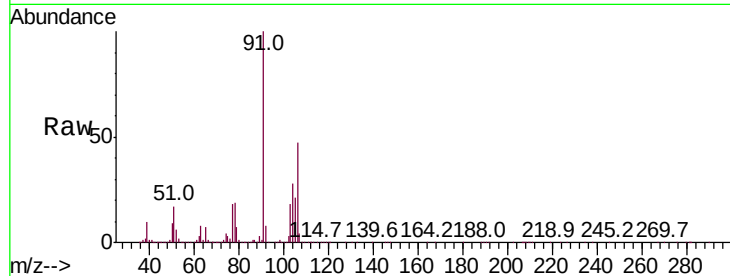




#69
o-Xylene
Concen: 46.215 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

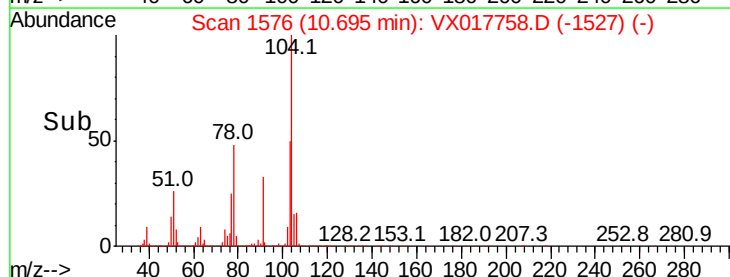
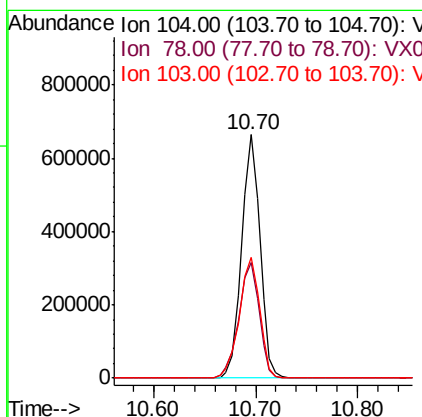
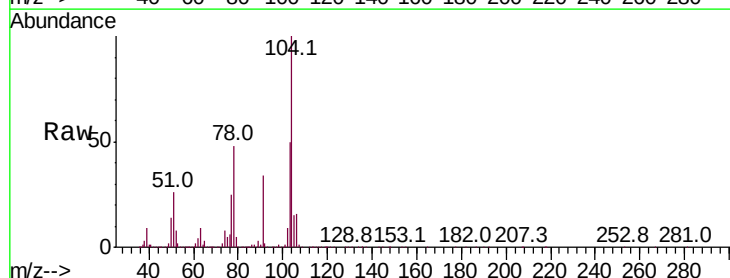
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

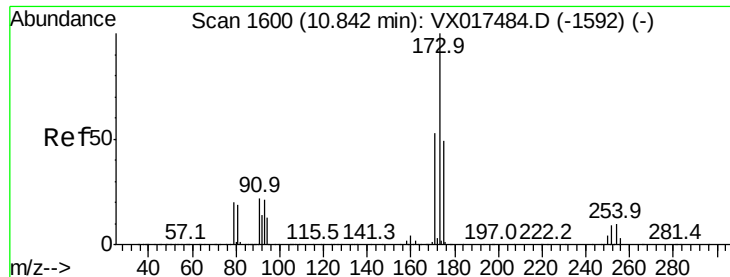
Tot Ion:106 Resp: 467944
Ion Ratio Lower Upper
106 100
91 218.5 108.2 324.6



#70
Styrene
Concen: 47.842 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:104 Resp: 824197
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 54.8 44.3 66.5





#71

Bromoform

Concen: 44.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

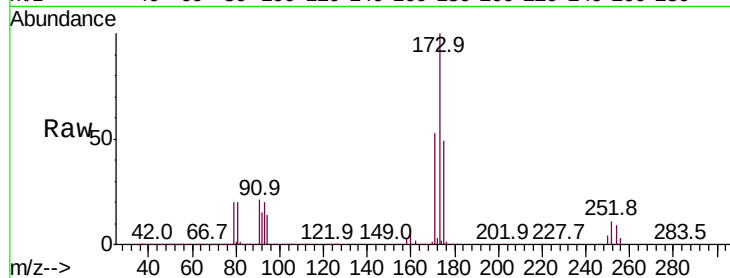
Tot Ion:173 Resp: 254962

Ion Ratio Lower Upper

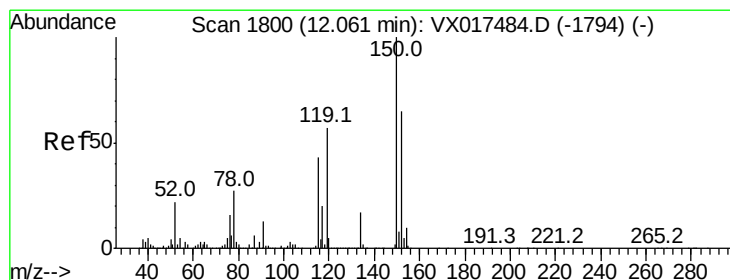
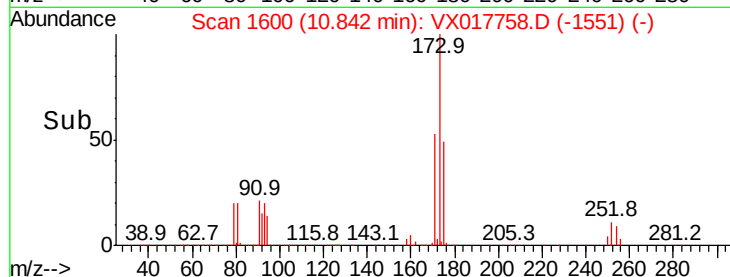
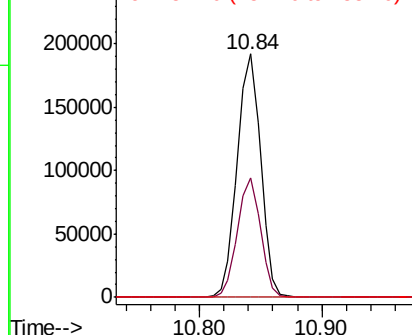
173 100

175 48.6 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: VX017758.D

Acq: 04 Aug 2020 09:22

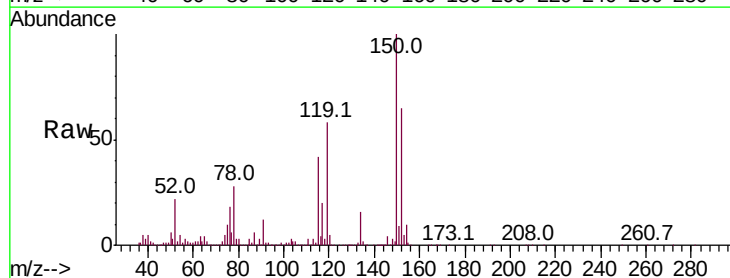
Tgt Ion:152 Resp: 384467

Ion Ratio Lower Upper

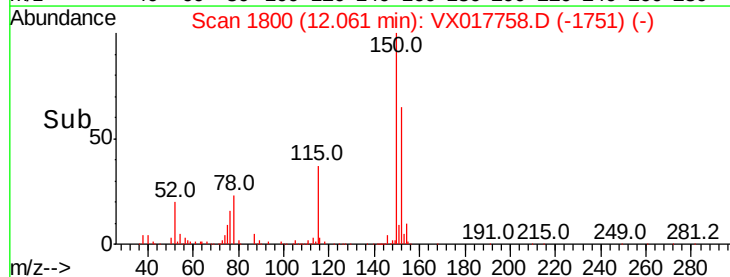
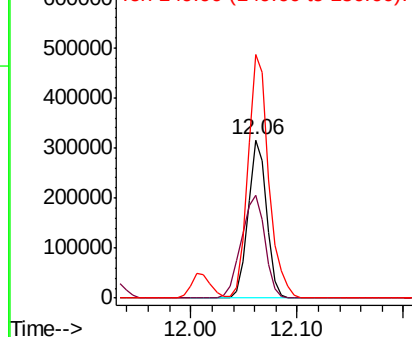
152 100

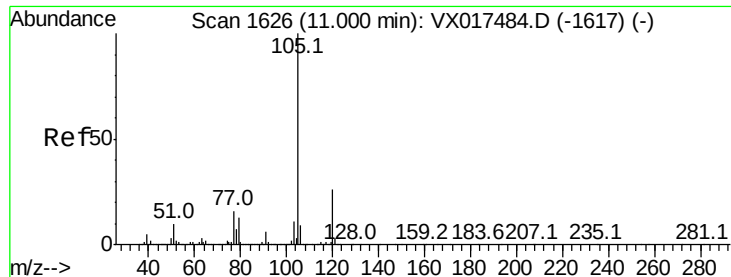
115 82.6 65.5 196.6

150 172.4 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: 49.707 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

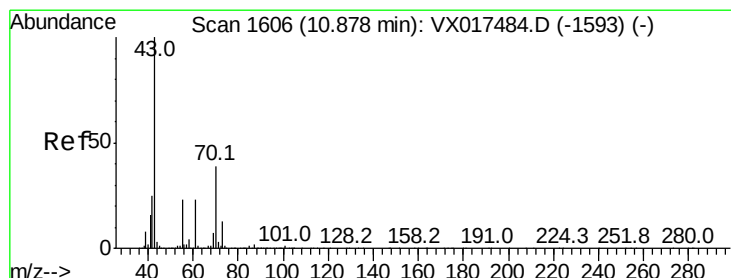
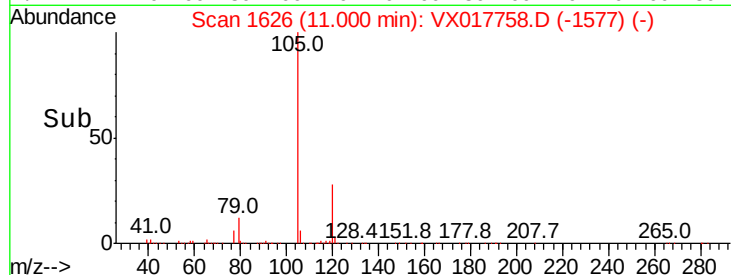
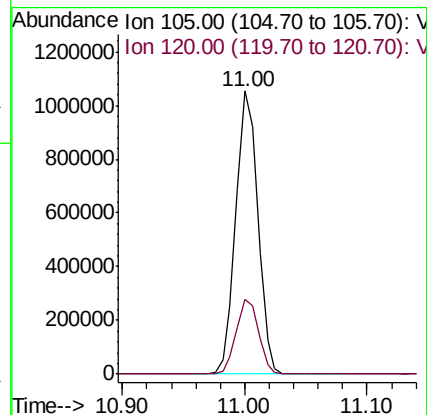
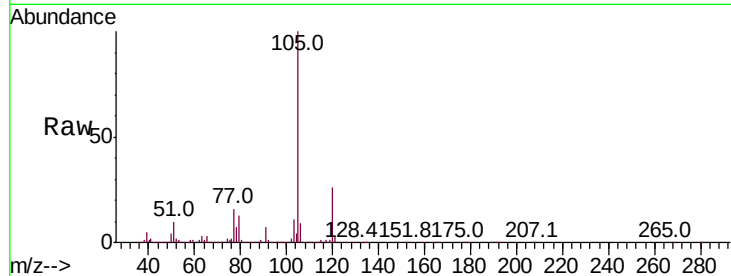
VSTDCCC050

Tot Ion:105 Resp: 1311041

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 44.349 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 43 Resp: 519715

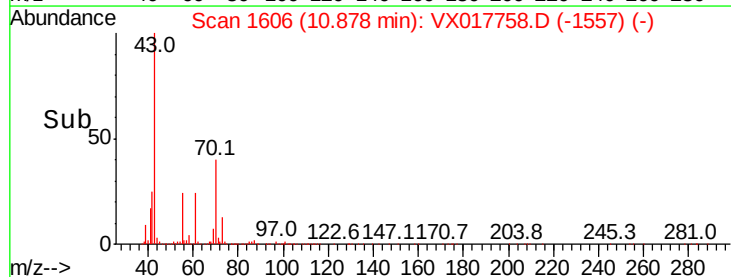
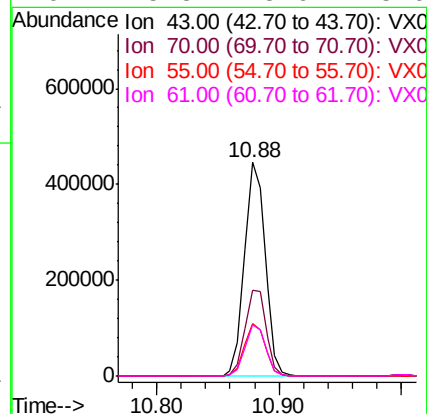
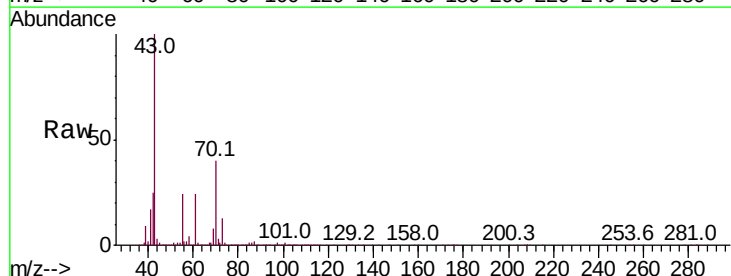
Ion Ratio Lower Upper

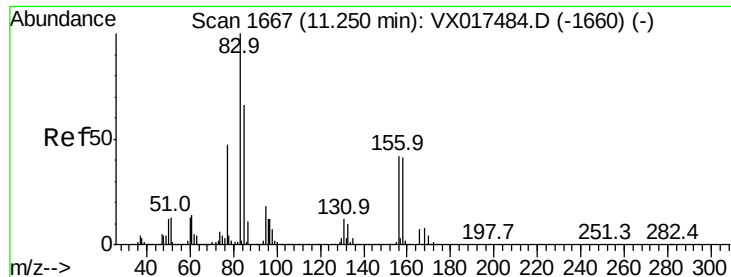
43 100

70 41.3 32.3 48.5

55 24.4 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

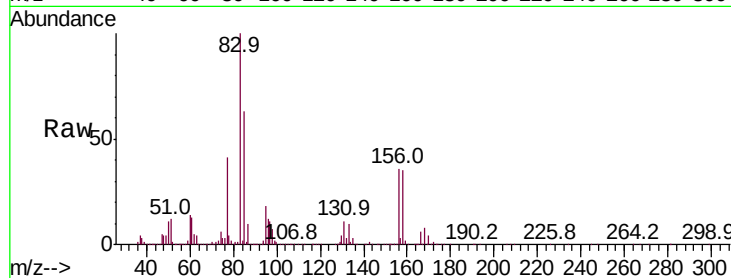
Tot Ion: 83 Resp: 368106

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

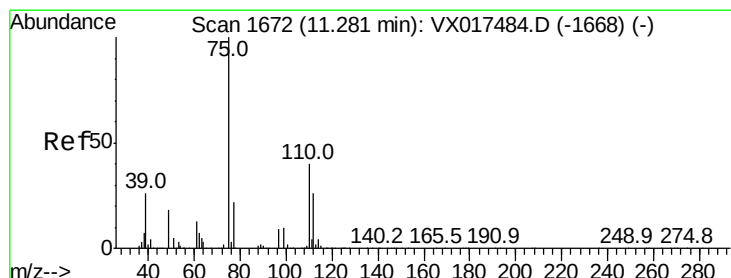
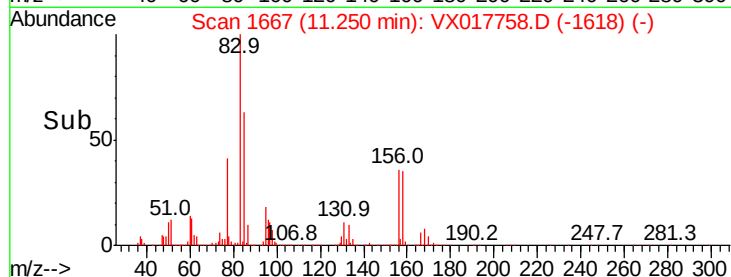
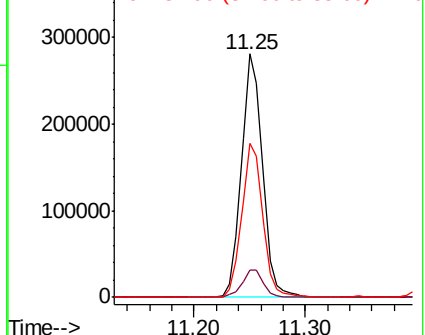
85 63.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.331 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017758.D

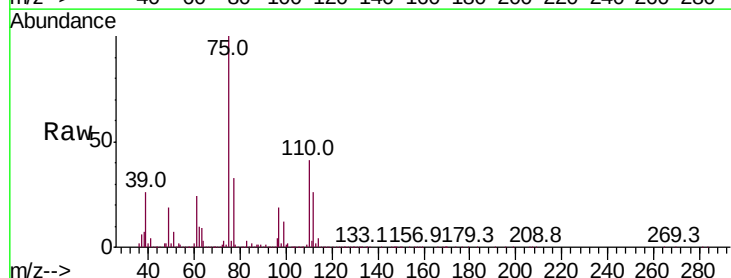
Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 461321

Ion Ratio Lower Upper

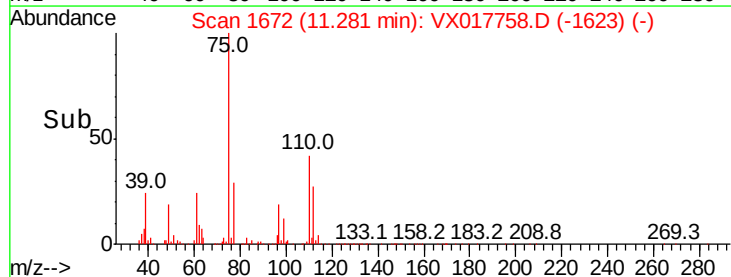
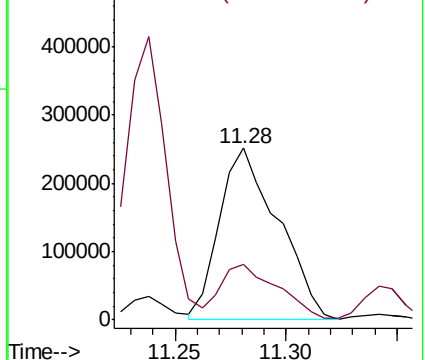
75 100

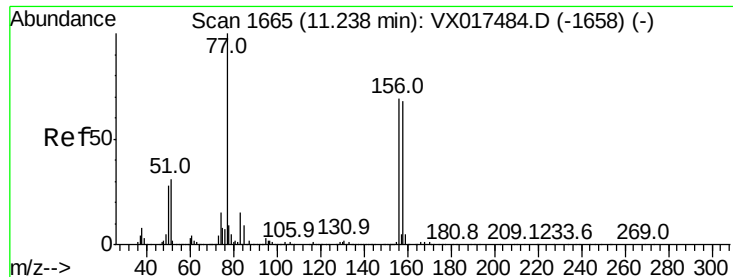
77 31.5 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.327 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

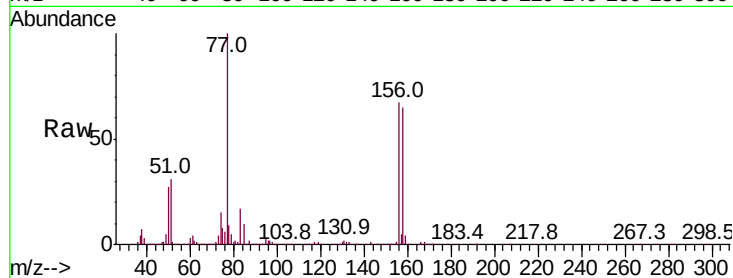
Tot Ion:156 Resp: 349452

Ion Ratio Lower Upper

156 100

77 150.6 75.0 225.0

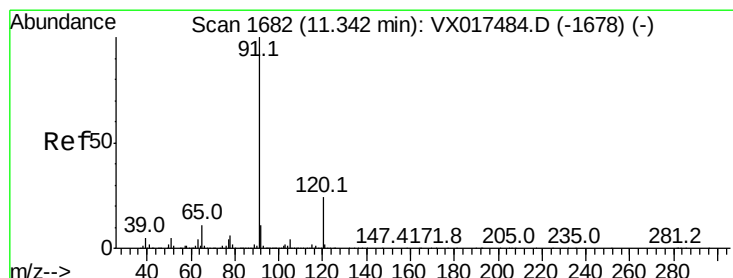
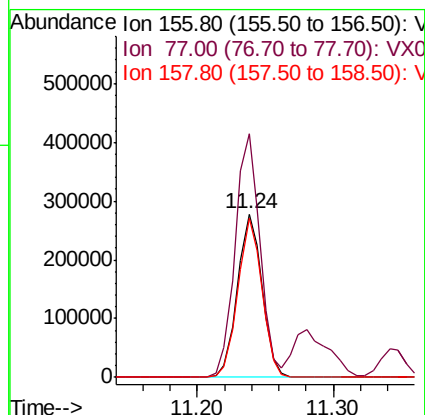
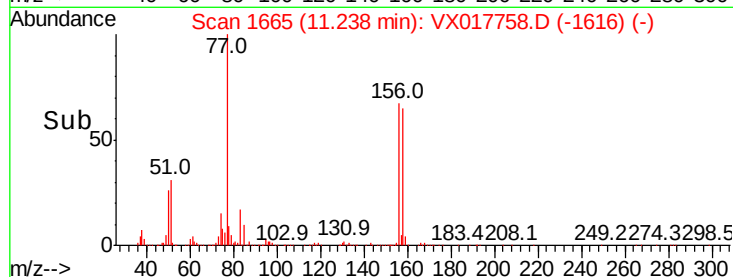
158 95.3 49.1 147.3



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: 51.379 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017758.D

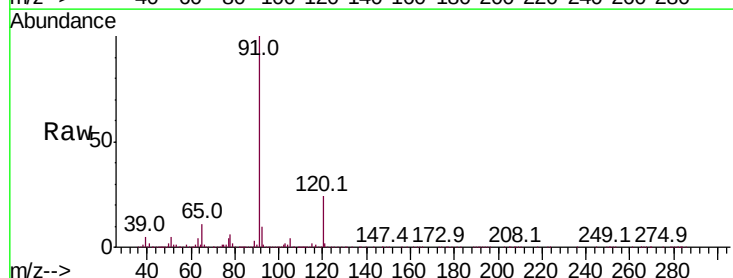
Acq: 04 Aug 2020 09:22

Tgt Ion: 91 Resp: 1528363

Ion Ratio Lower Upper

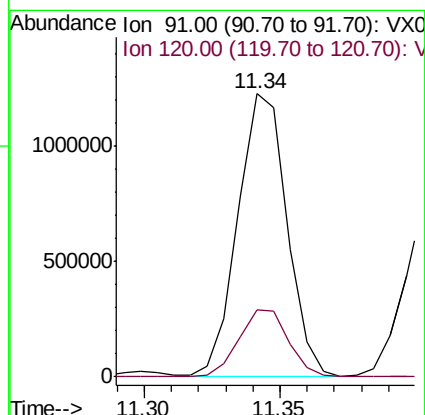
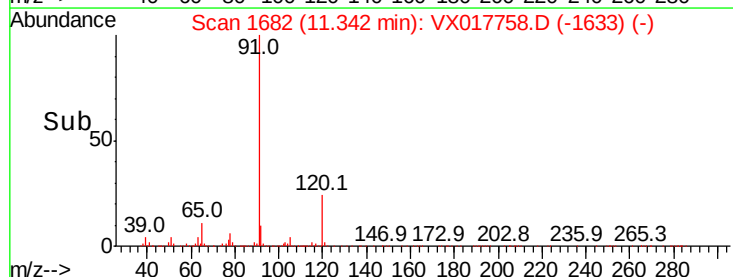
91 100

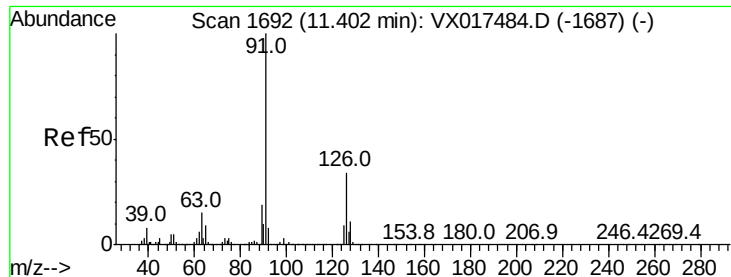
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.668 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampled :

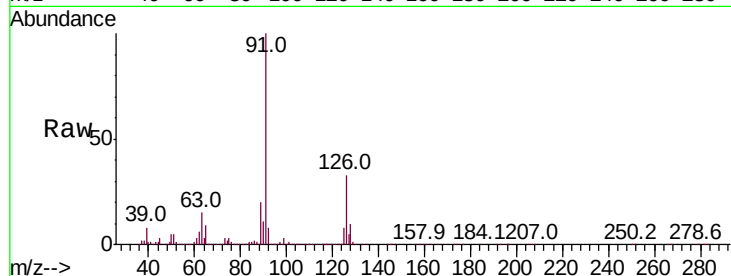
VSTDCCC050

Tot Ion: 91 Resp: 896813

Ion Ratio Lower Upper

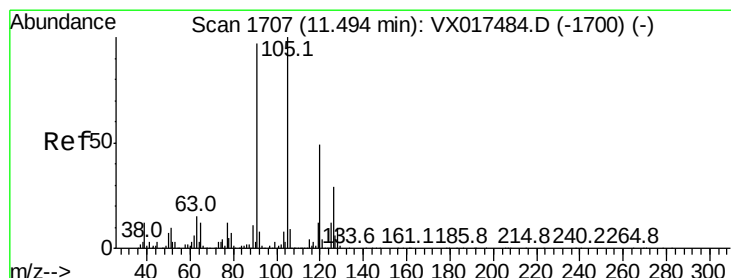
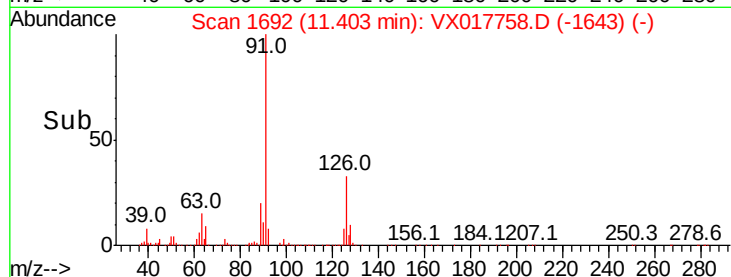
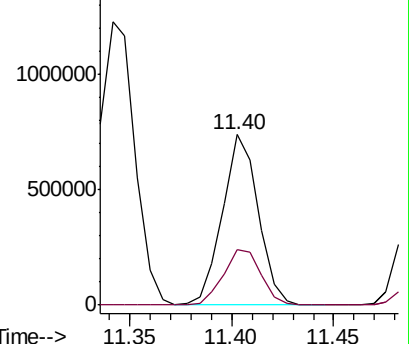
91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.482 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017758.D

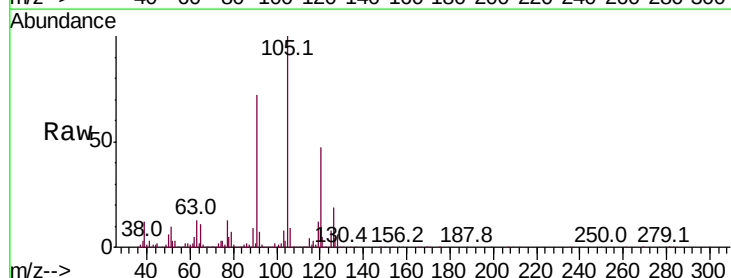
Acq: 04 Aug 2020 09:22

Tgt Ion:105 Resp: 1136825

Ion Ratio Lower Upper

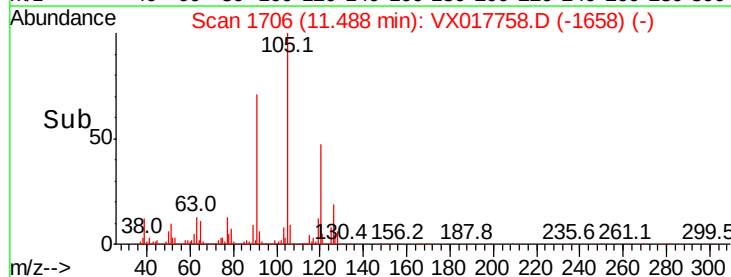
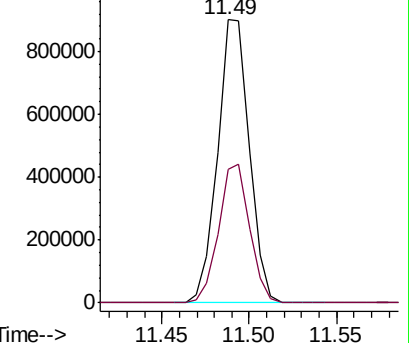
105 100

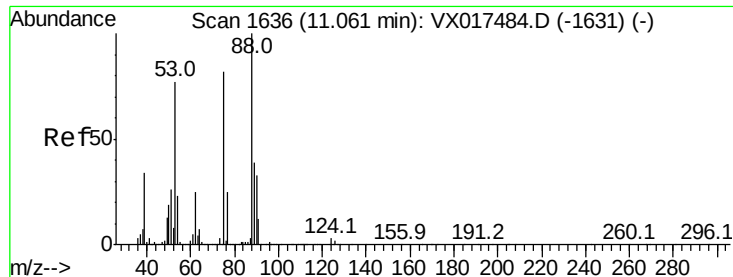
120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.871 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

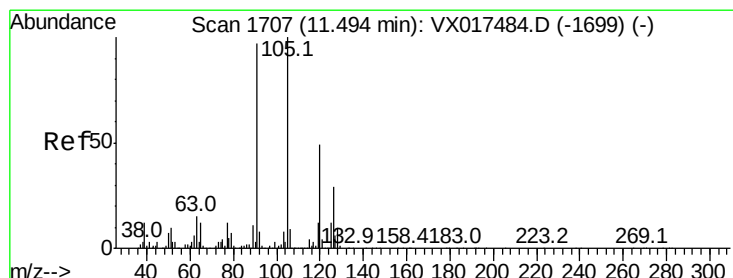
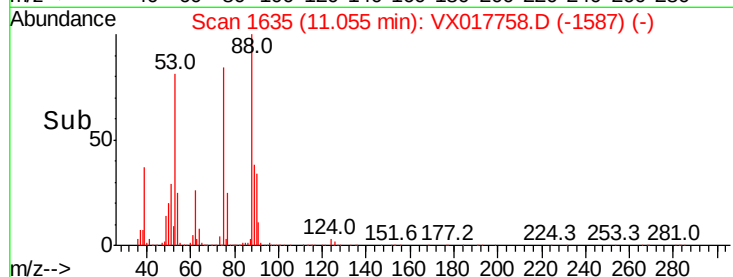
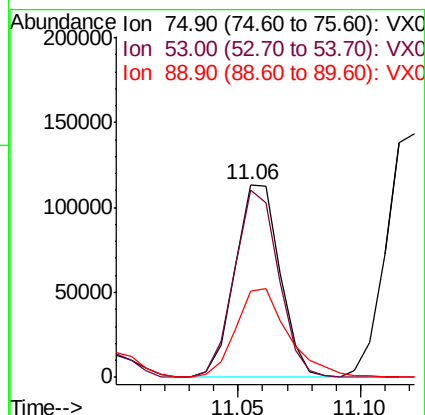
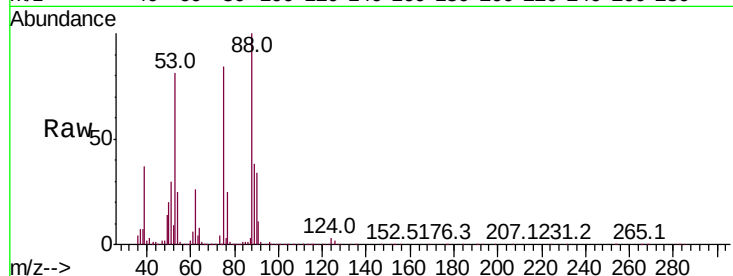
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 143973

Ion	Ratio	Lower	Upper
75	100		
53	96.3	75.9	113.9
89	54.0	37.8	56.6



#82

4-Chlorotoluene

Concen: 49.086 ug/l

RT: 11.49 min Scan# 1707

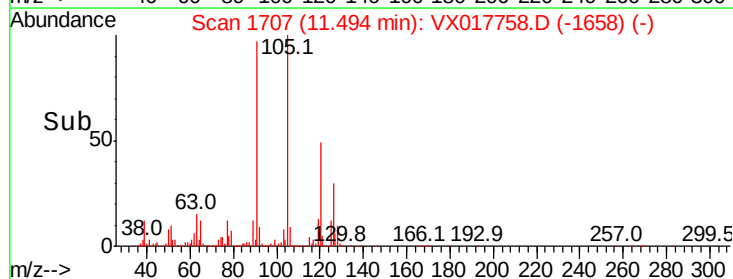
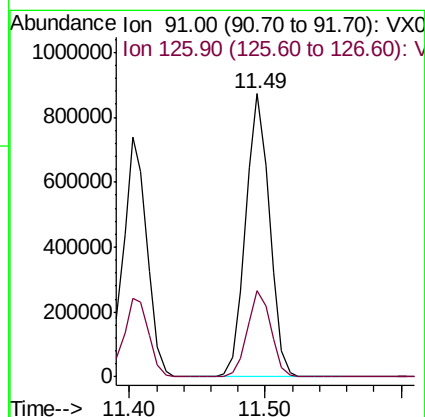
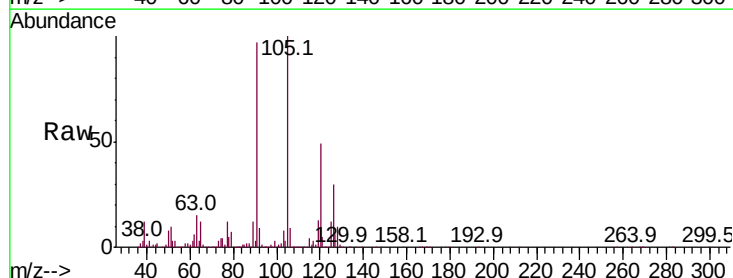
Delta R.T. 0.00 min

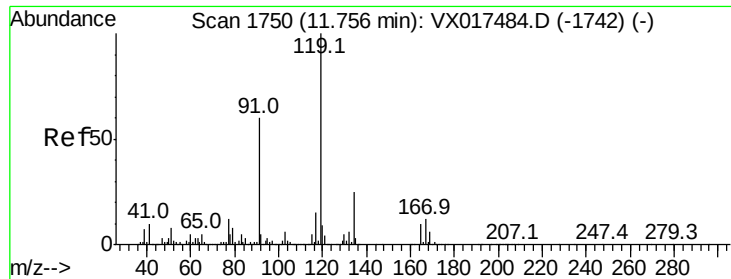
Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 91 Resp: 1066972

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





#83

tert-Butylbenzene

Concen: 48.904 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

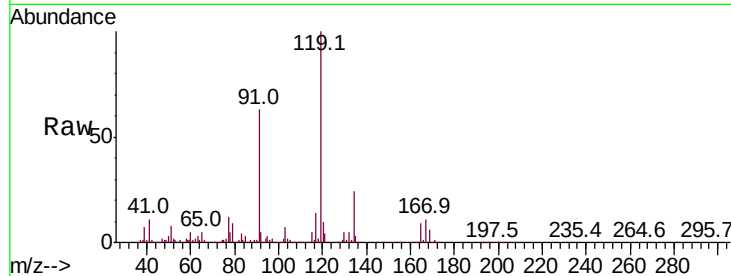
Tot Ion:119 Resp: 1053779

Ion Ratio Lower Upper

119 100

91 60.6 29.3 88.0

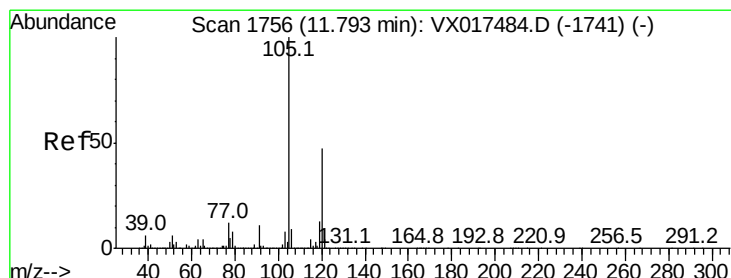
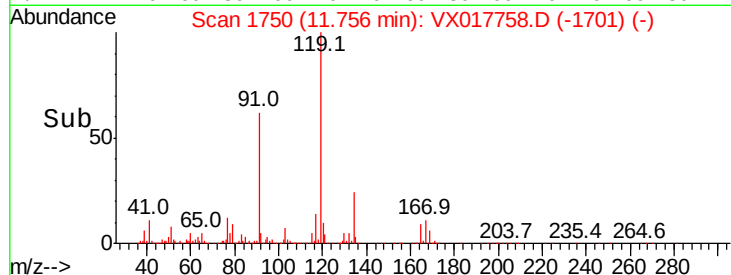
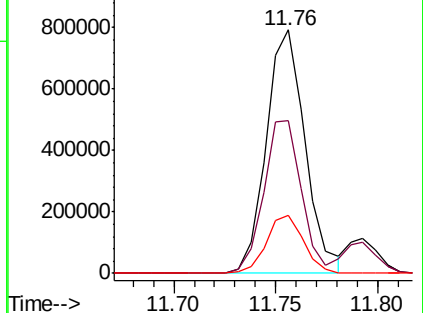
134 22.6 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.023 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017758.D

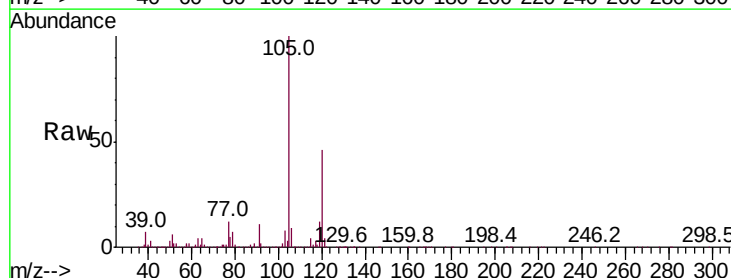
Acq: 04 Aug 2020 09:22

Tgt Ion:105 Resp: 1142832

Ion Ratio Lower Upper

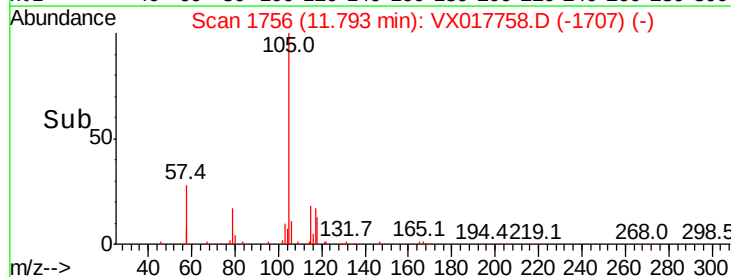
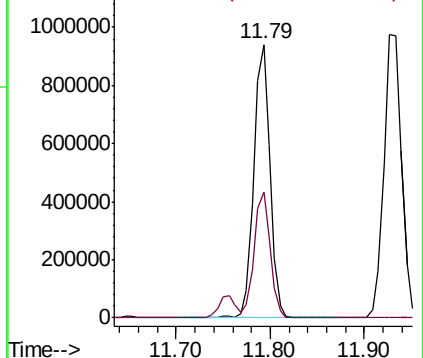
105 100

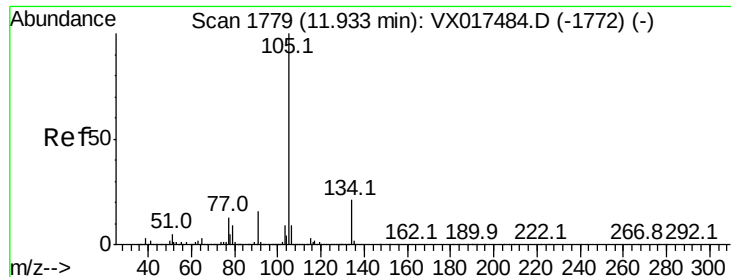
120 45.7 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.539 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampled :

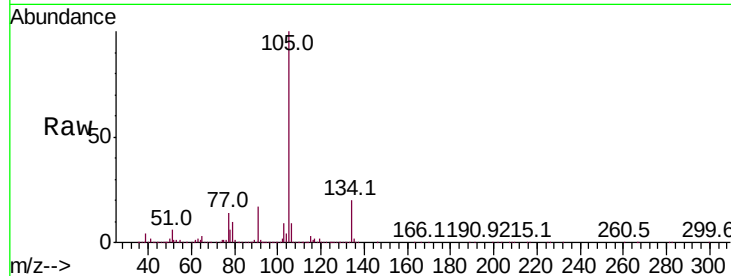
VSTDCCC050

Tot Ion:105 Resp: 1268601

Ion Ratio Lower Upper

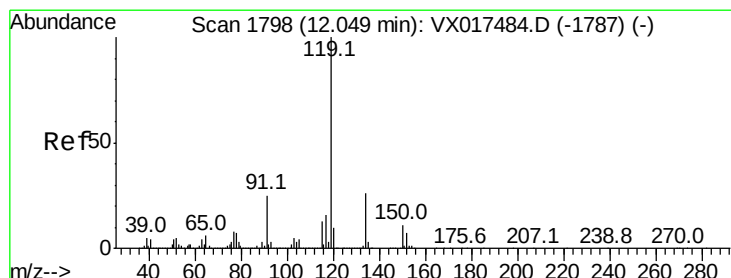
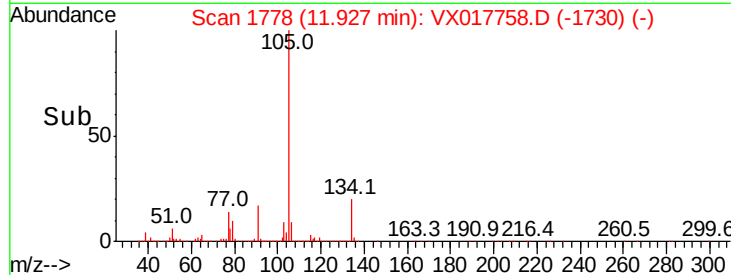
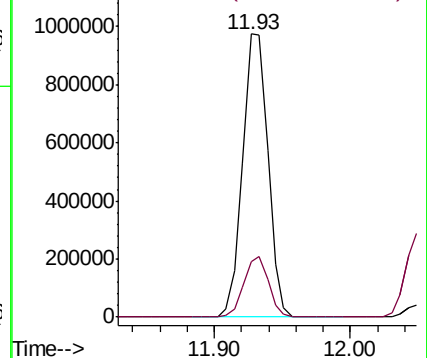
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.221 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

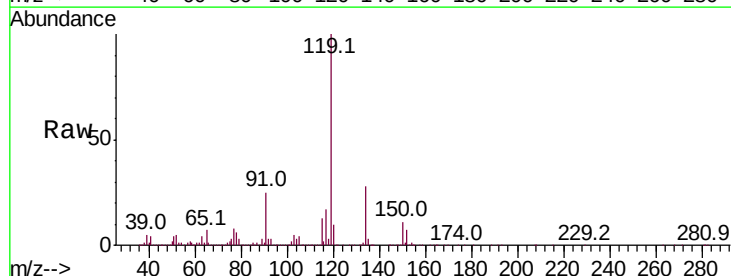
Tgt Ion:119 Resp: 1200490

Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

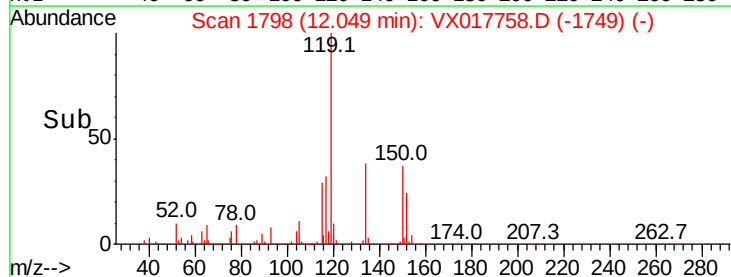
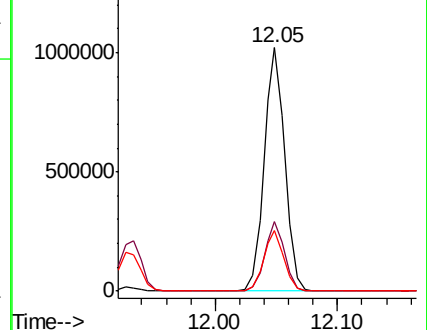
91 24.4 12.1 36.3

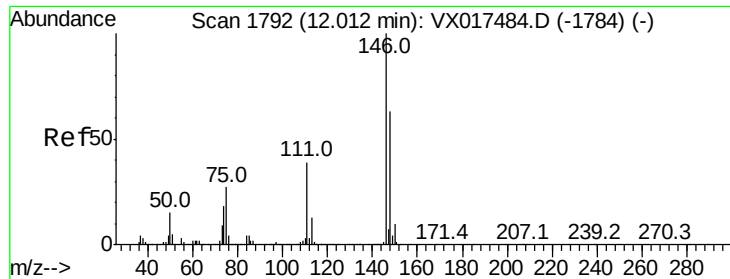


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.826 ug/l

RT: 12.01 min Scan# 1792

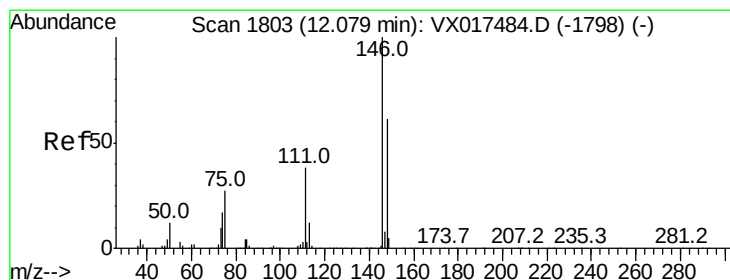
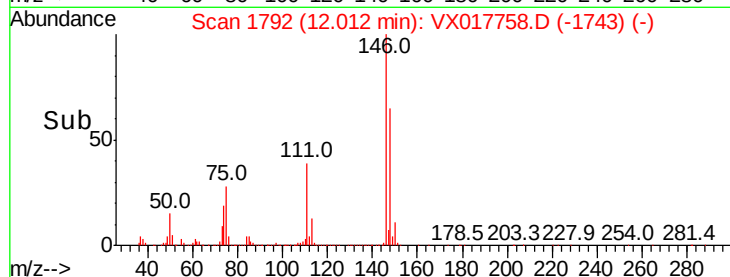
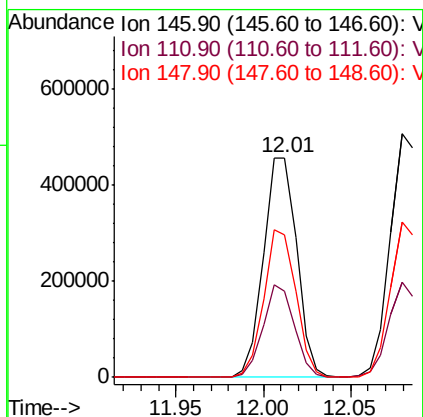
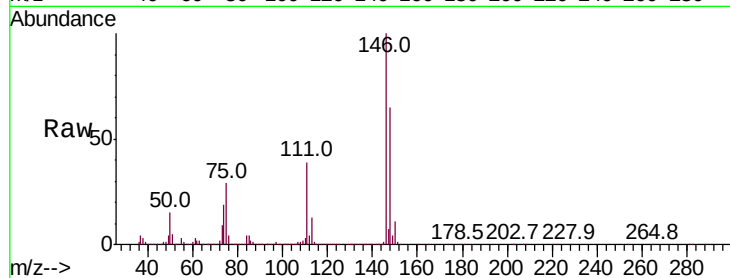
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.6	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 47.487 ug/l

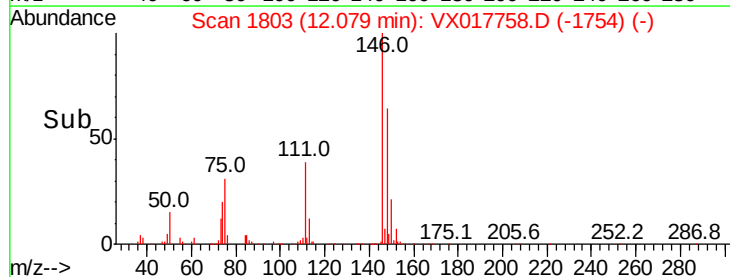
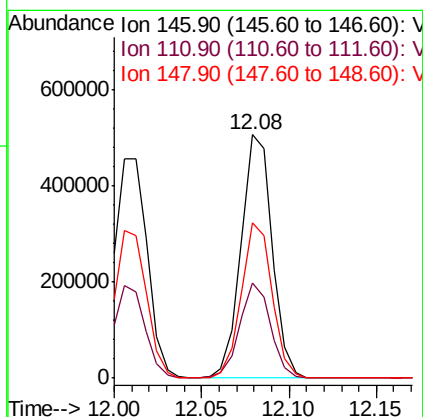
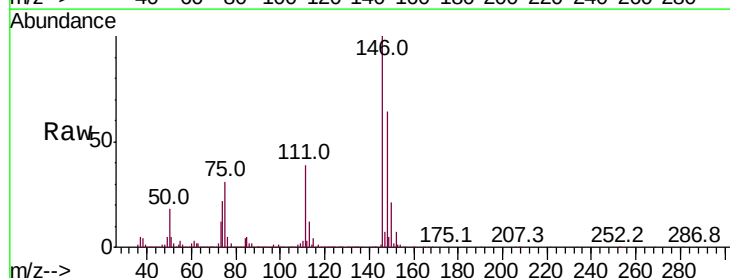
RT: 12.08 min Scan# 1803

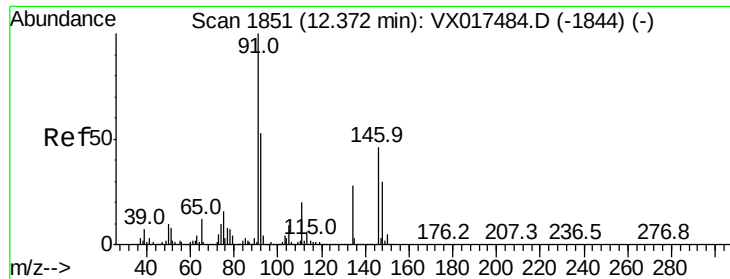
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.3	32.2	96.6

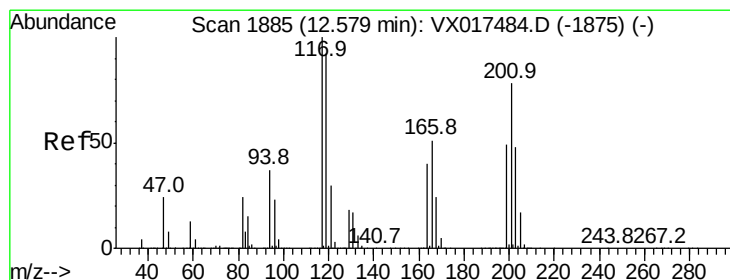
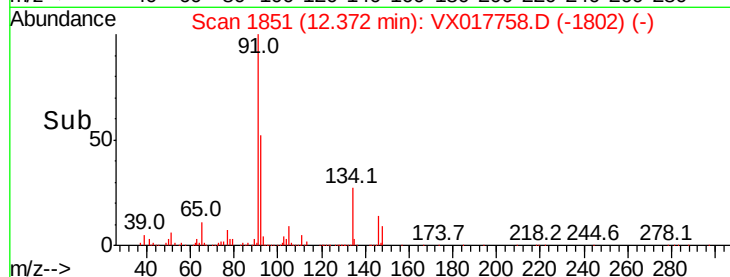
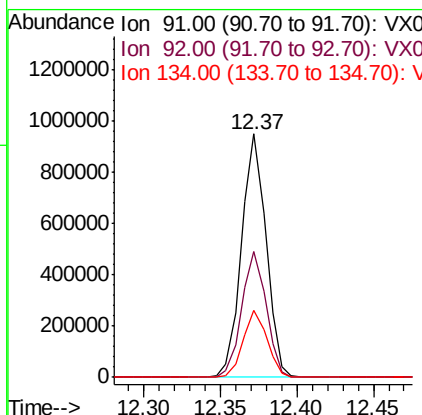
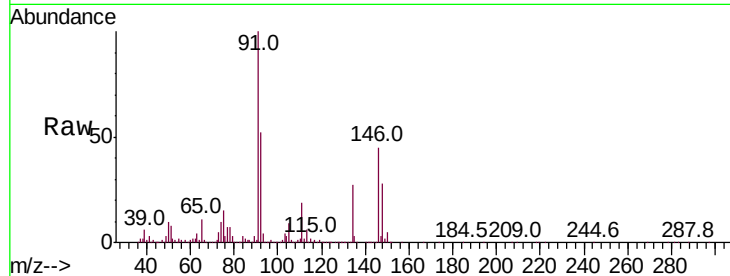




#89
n-Butylbenzene
Concen: 49.643 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

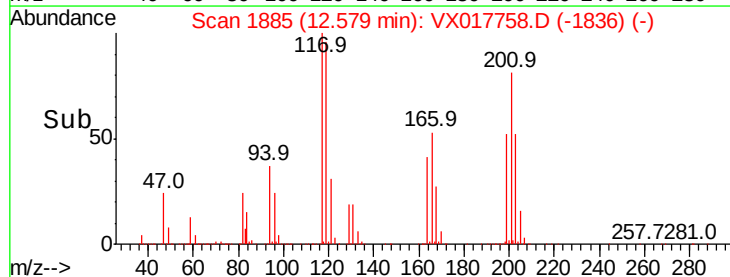
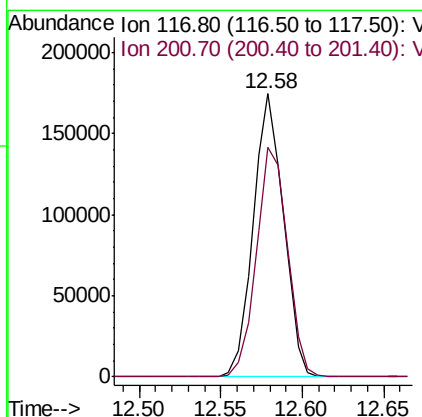
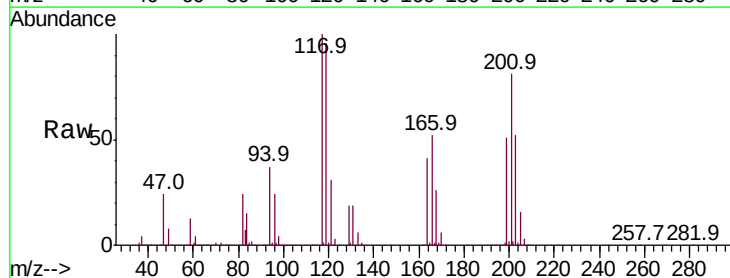
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

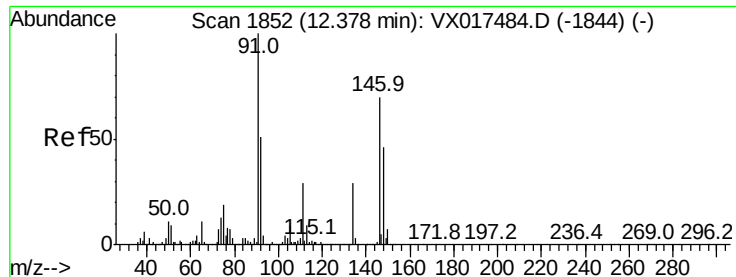
Tot Ion: 91 Resp: 1057399
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 48.018 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 117 Resp: 226296
Ion Ratio Lower Upper
117 100
201 82.8 42.2 126.6

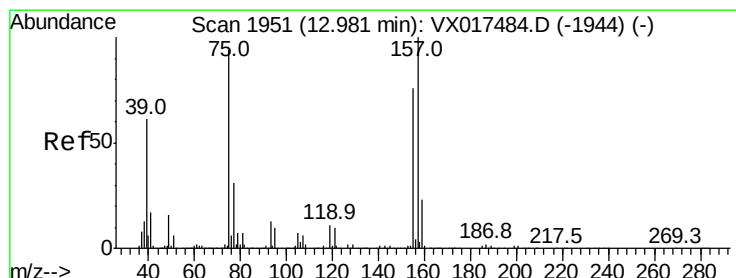
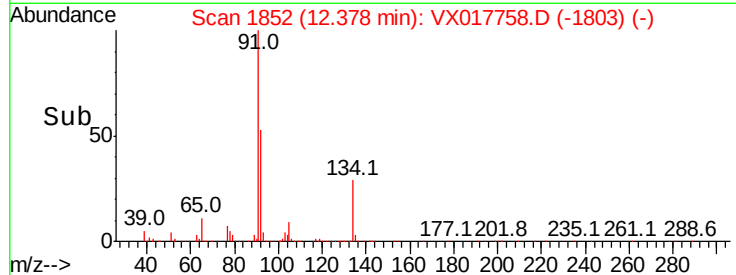
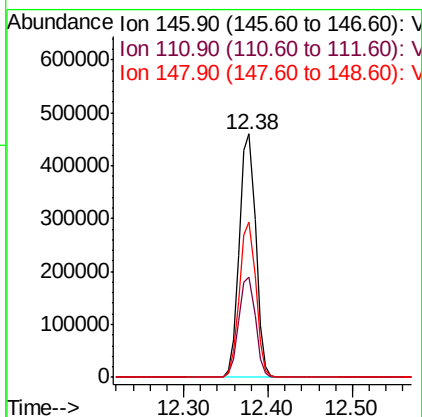
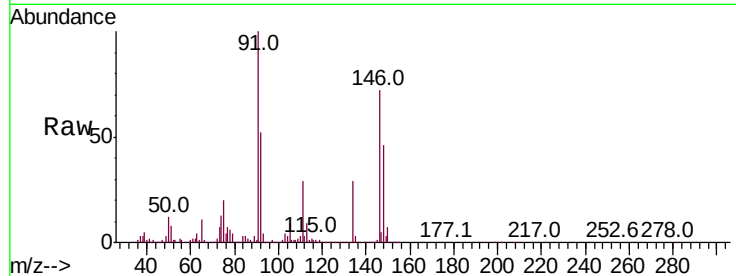




#91
 1,2-Dichlorobenzene
 Concen: 47.955 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

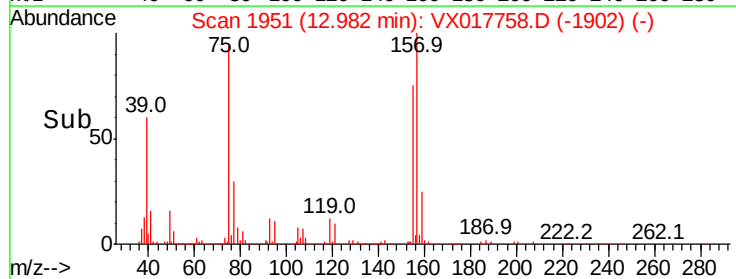
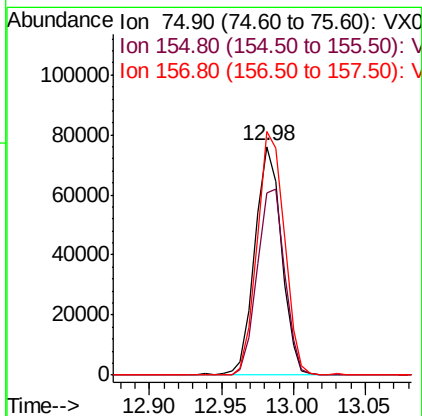
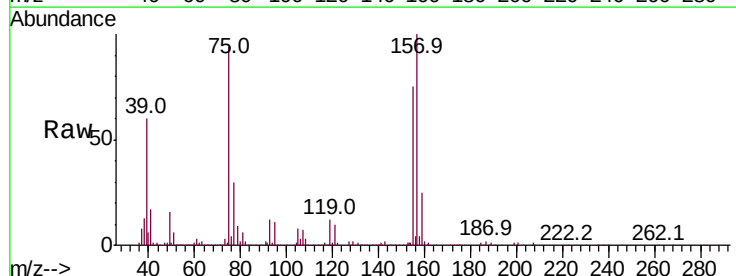
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

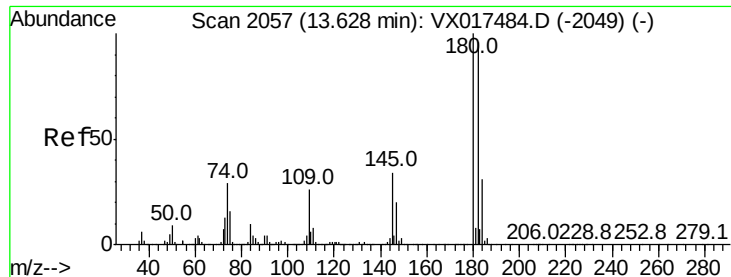
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	63.7	32.8	98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.036 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.3	126.8
157	108.4	54.3	162.9

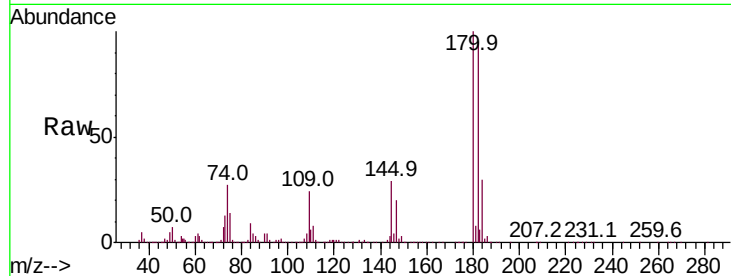




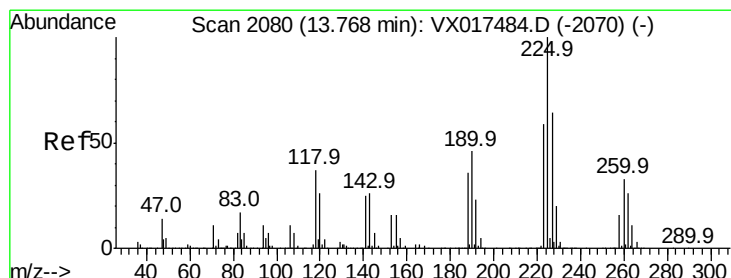
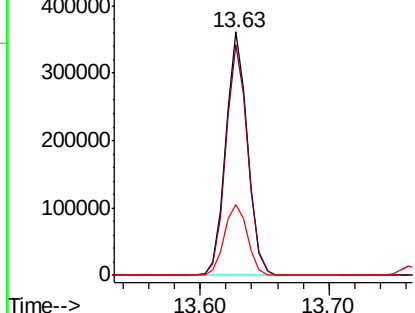
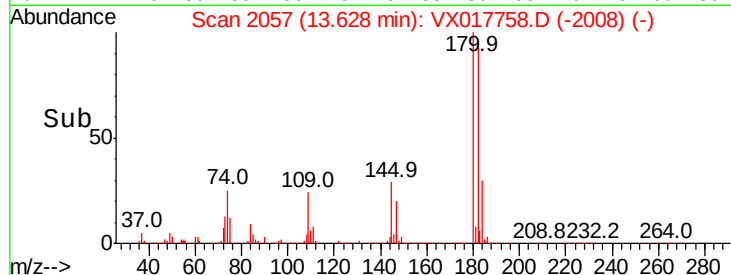
#93
 1,2,4-Trichlorobenzene
 Concen: 50.396 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	31.0	15.4	46.4

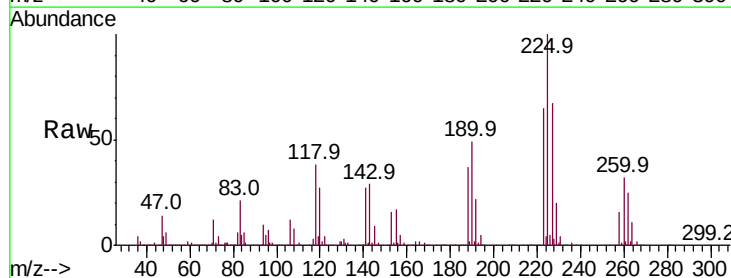


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

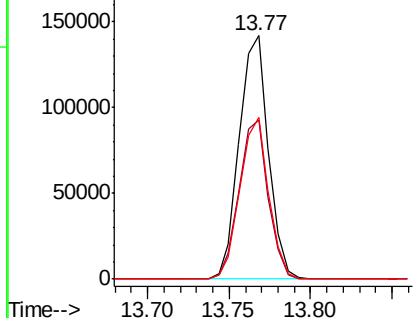
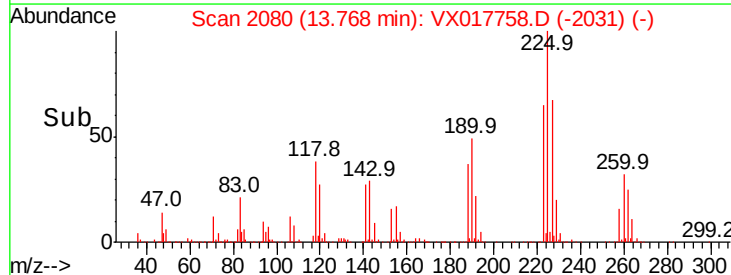


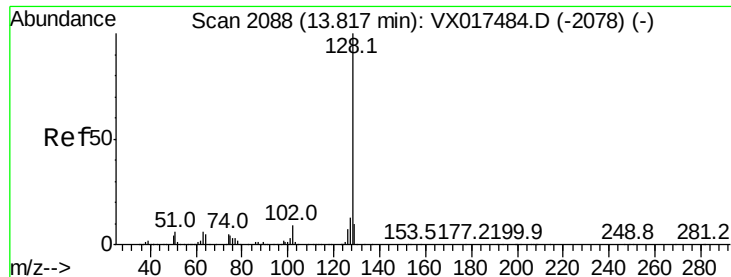
#94
 Hexachlorobutadiene
 Concen: 45.302 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.3	90.9
227	65.4	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

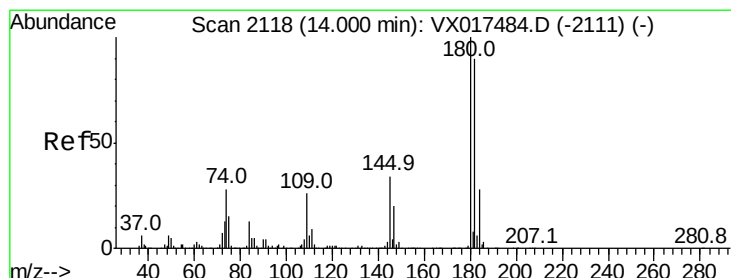
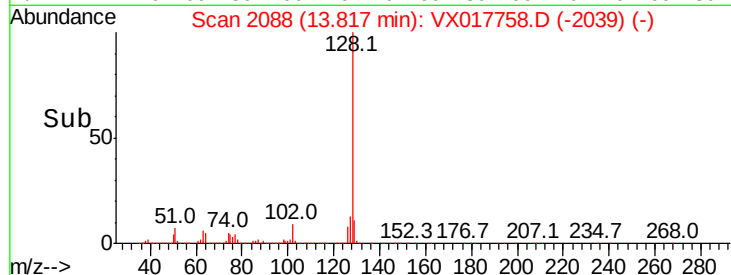
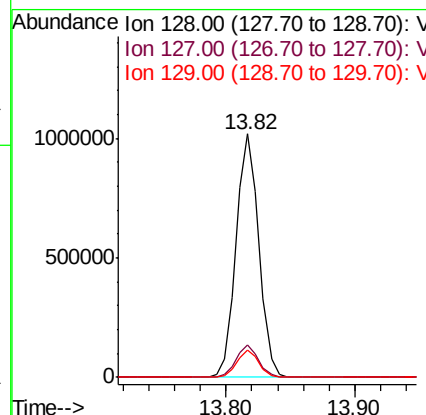
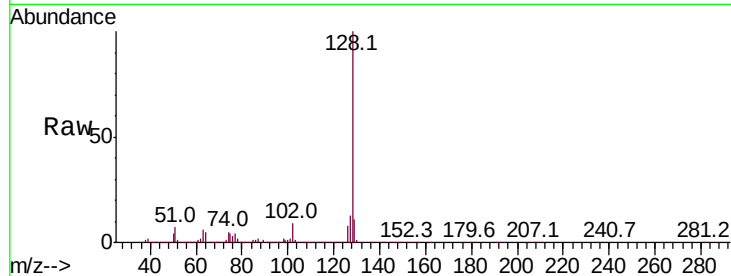




#95
Naphthalene
Concen: 49.702 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1261923
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.310 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:180 Resp: 430899
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 32.2 16.3 48.9

