

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017797.D
 Acq On : 06 Aug 2020 10:08
 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 17 05:53:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	391851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	579284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	255951	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.46	113	198798	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.70	98	727465	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	276457	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	170733	46.900	ug/l	99
3) Chloromethane	1.32	50	206786	42.746	ug/l	99
4) Vinyl Chloride	1.39	62	229155	46.473	ug/l	98
5) Bromomethane	1.62	94	143159	54.276	ug/l	97
6) Chloroethane	1.71	64	146620	53.984	ug/l	99
7) Trichlorofluoromethane	1.92	101	393318	50.713	ug/l	100
8) Diethyl Ether	2.17	74	137402	54.774	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213685	50.206	ug/l	97
10) Methyl Iodide	2.49	142	276296	50.742	ug/l	96
11) Tert butyl alcohol	3.01	59	330165	311.226	ug/l	99
12) 1,1-Dichloroethene	2.36	96	201648	49.822	ug/l	94
13) Acrolein	2.27	56	216682	267.235	ug/l	100
14) Allyl chloride	2.71	41	391749	53.008	ug/l	96
15) Acrylonitrile	3.12	53	669553	292.213	ug/l	100
16) Acetone	2.42	43	595448	268.774	ug/l	97
17) Carbon Disulfide	2.55	76	533027	43.328	ug/l	99
18) Methyl Acetate	2.75	43	340298	65.221	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	720643	51.442	ug/l	99
20) Methylene Chloride	2.84	84	241366	58.054	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	211183	48.706	ug/l	97
22) Diisopropyl ether	3.82	45	622107	46.037	ug/l	92
23) Vinyl Acetate	3.78	43	2824251	234.404	ug/l	99
24) 1,1-Dichloroethane	3.67	63	360875	46.359	ug/l	99
25) 2-Butanone	4.64	43	828406	263.217	ug/l	97
26) 2,2-Dichloropropane	4.55	77	375981	53.958	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	227505	48.308	ug/l	100
28) Bromochloromethane	4.98	49	170738	48.401	ug/l	96
29) Tetrahydrofuran	5.09	42	516923	265.160	ug/l	97
30) Chloroform	5.18	83	412778	51.896	ug/l	100
31) Cyclohexane	5.55	56	289355	46.613	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	388290	51.770	ug/l	99
36) 1,1-Dichloropropene	5.76	75	292914	52.722	ug/l	99
37) Ethyl Acetate	4.80	43	318812	52.445	ug/l	100
38) Carbon Tetrachloride	5.75	117	371627	55.082	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	309882	47.779	ug/l	95
40) Benzene	6.11	78	839740	52.720	ug/l	97
41) Methacrylonitrile	5.00	41	179936	51.640	ug/l	96
42) 1,2-Dichloroethane	6.16	62	357405	54.847	ug/l	100
43) Isopropyl Acetate	6.41	43	542459	54.084	ug/l	99
44) Trichloroethene	7.18	130	249306	53.557	ug/l	94
45) 1,2-Dichloropropane	7.49	63	226059	51.196	ug/l	97
46) Dibromomethane	7.63	93	159816	51.214	ug/l	99
47) Bromodichloromethane	7.87	83	353649	56.323	ug/l	98
48) Methyl methacrylate	7.74	41	268729	54.051	ug/l	96
49) 1,4-Dioxane	7.71	88	103610	1086.968	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1763197	294.629	ug/l	100
52) Toluene	8.76	92	545210	53.373	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	390733	55.590	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	426886	59.543	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239717	56.333	ug/l	97
56) Ethyl methacrylate	9.16	69	371433	57.936	ug/l	99
57) 1,3-Dichloropropane	9.35	76	377043	53.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	883941	261.703	ug/l	98
59) 2-Hexanone	9.47	43	1323000	293.632	ug/l	100
60) Dibromochloromethane	9.57	129	296239	54.771	ug/l	98
61) 1,2-Dibromoethane	9.65	107	278485	61.469	ug/l	99
64) Tetrachloroethene	9.32	164	260126	51.334	ug/l	98
65) Chlorobenzene	10.12	112	620302	50.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	259788	52.674	ug/l	100
67) Ethyl Benzene	10.24	91	1064246	52.171	ug/l	97
68) m/p-Xylenes	10.34	106	820015	103.765	ug/l	97
69) o-Xylene	10.68	106	402554	52.964	ug/l	97
70) Styrene	10.70	104	704087	54.447	ug/l	99
71) Bromoform	10.84	173	221174	51.761	ug/l #	98
73) Isopropylbenzene	11.00	105	1086622	54.034	ug/l	100
74) N-amyl acetate	10.88	43	480500	53.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	350796	55.886	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	462462	76.694	ug/l	81
77) Bromobenzene	11.24	156	304817	54.144	ug/l	97
78) n-propylbenzene	11.34	91	1362749	60.084	ug/l	98
79) 2-Chlorotoluene	11.40	91	789593	56.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1004420	58.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	128997	53.905	ug/l #	91
82) 4-Chlorotoluene	11.49	91	946808	57.129	ug/l	99
83) tert-Butylbenzene	11.76	119	873873	53.190	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	941742	55.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1054596	55.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	991109	54.379	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	483948	50.058	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	505195	50.449	ug/l	98
89) n-Butylbenzene	12.37	91	851953	52.459	ug/l	100
90) Hexachloroethane	12.58	117	184555	51.362	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	477892	50.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90679	51.027	ug/l	98

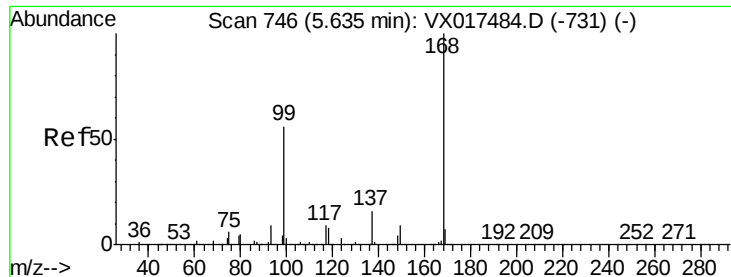
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	338168	52.148	ug/l	98
94) Hexachlorobutadiene	13.77	225	147424	49.387	ug/l	99
95) Naphthalene	13.82	128	1038541	53.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336679	52.581	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

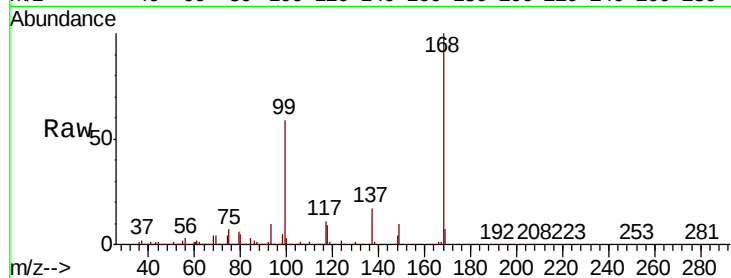
VSTDCCC050

Tot Ion:168 Resp: 391851

Ion Ratio Lower Upper

168 100

99 59.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

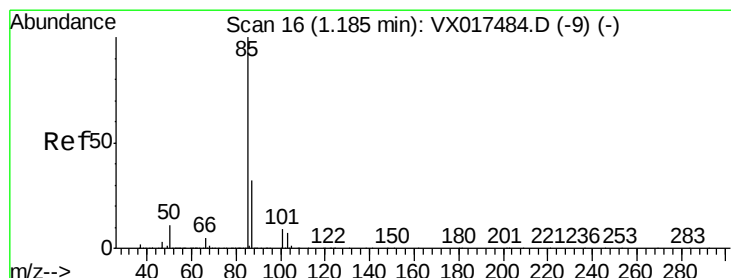
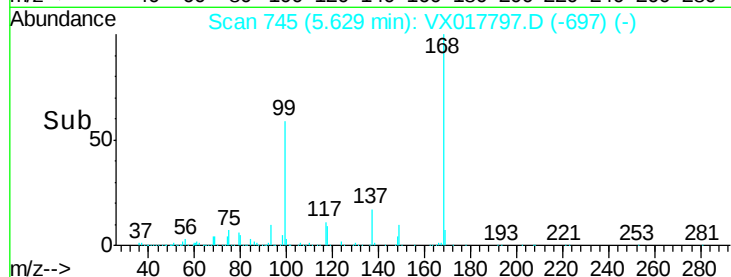
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.900 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017797.D

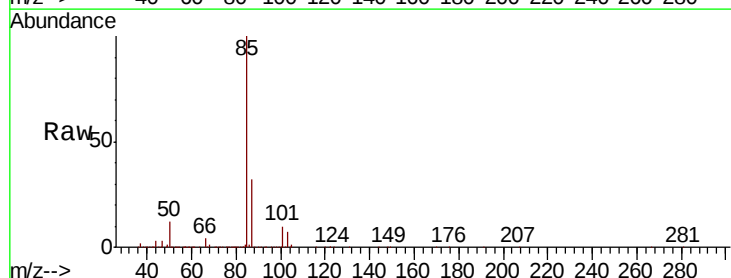
Acq: 06 Aug 2020 10:08

Tgt Ion: 85 Resp: 170733

Ion Ratio Lower Upper

85 100

87 31.9 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

200000

150000

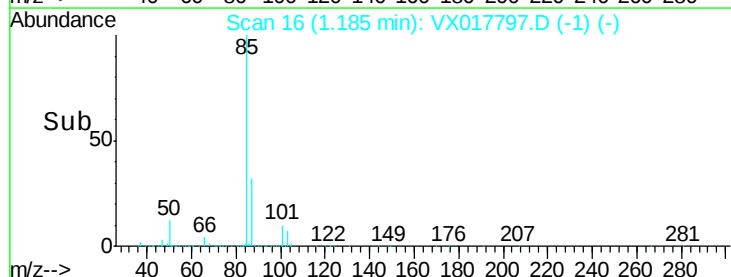
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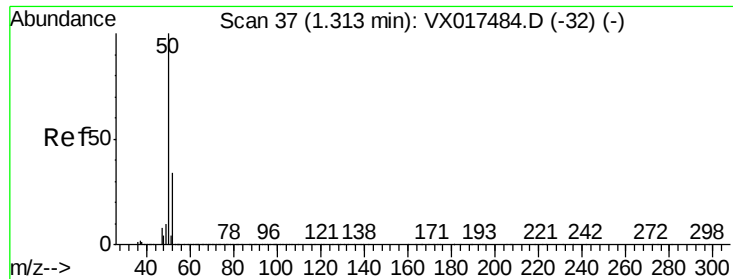
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.746 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

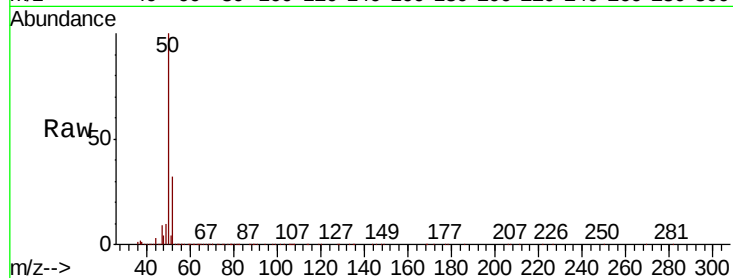
VSTDCCC050

Tot Ion: 50 Resp: 206786

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

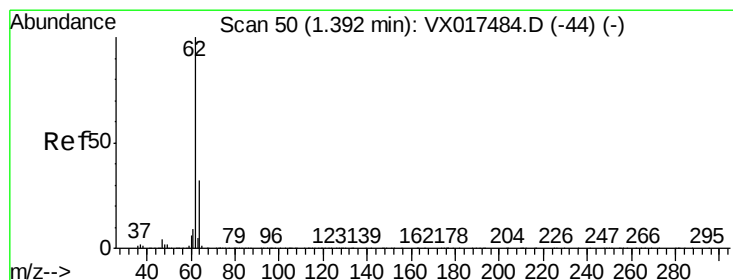
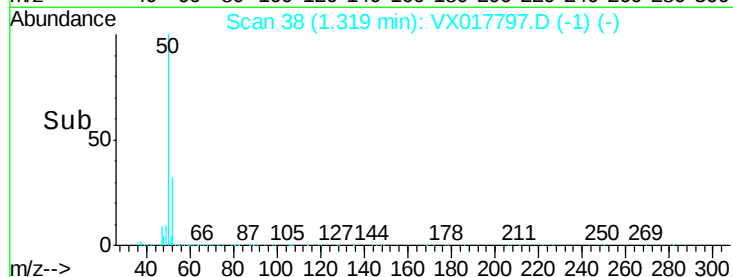
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.473 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017797.D

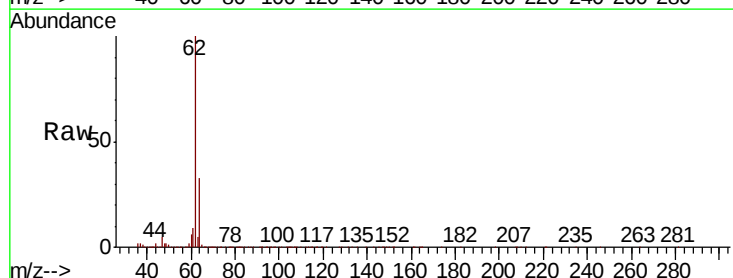
Acq: 06 Aug 2020 10:08

Tgt Ion: 62 Resp: 229155

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

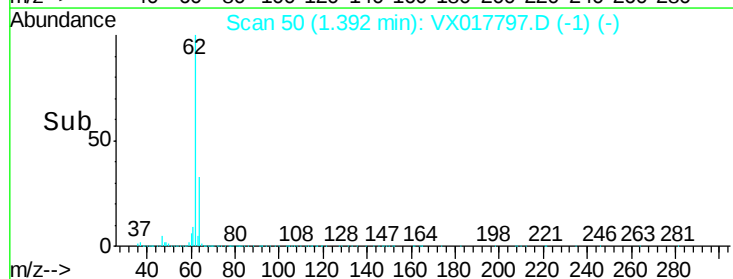
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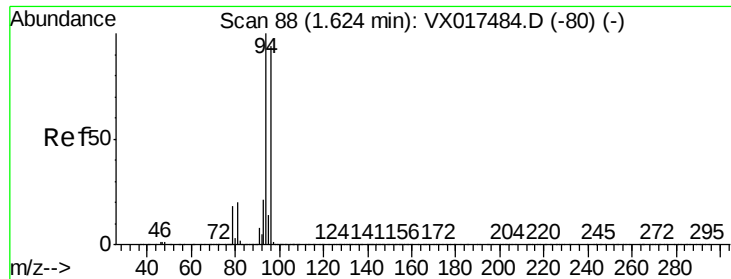
100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.276 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

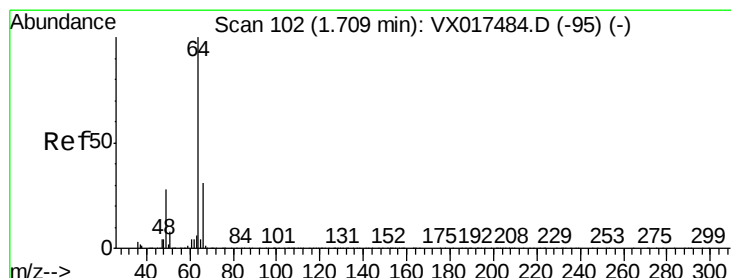
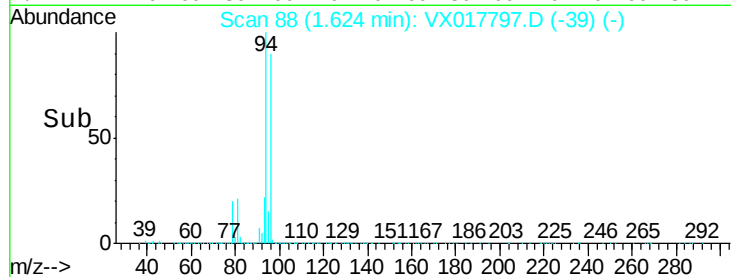
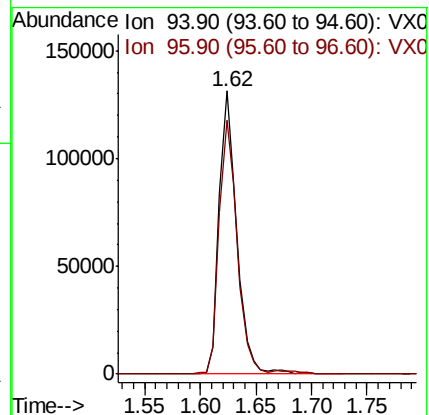
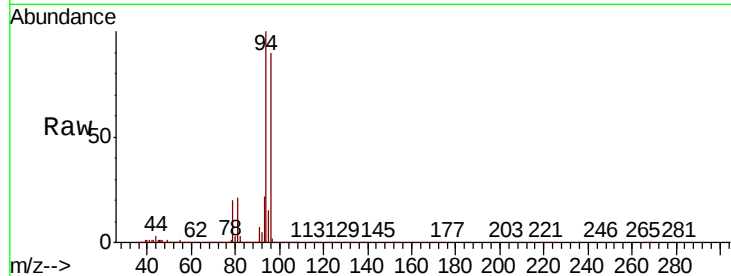
VSTDCCC050

Tot Ion: 94 Resp: 143159

Ion Ratio Lower Upper

94 100

96 89.8 74.1 111.1



#6

Chloroethane

Concen: 53.984 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017797.D

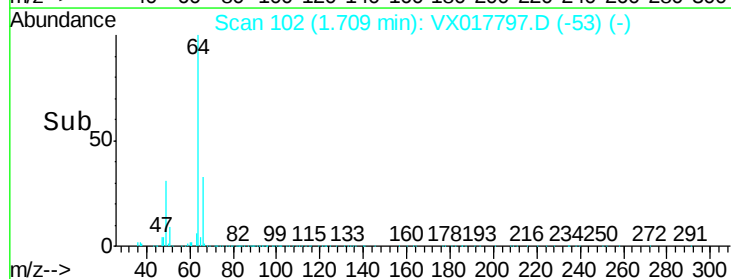
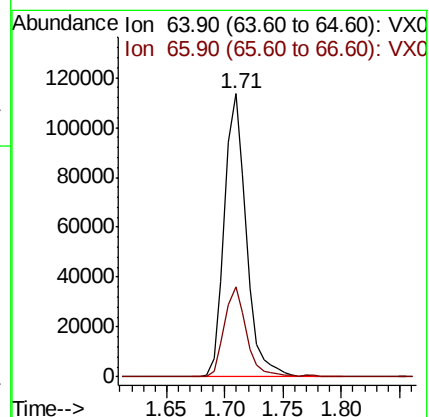
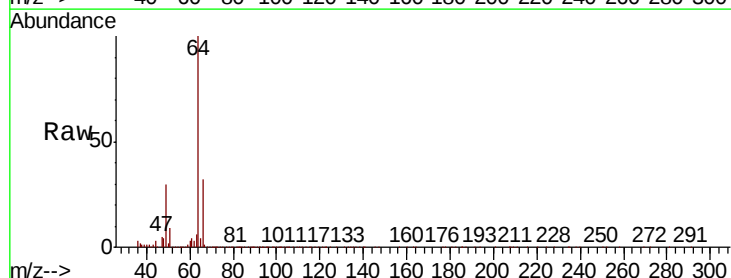
Acq: 06 Aug 2020 10:08

Tgt Ion: 64 Resp: 146620

Ion Ratio Lower Upper

64 100

66 31.6 24.9 37.3



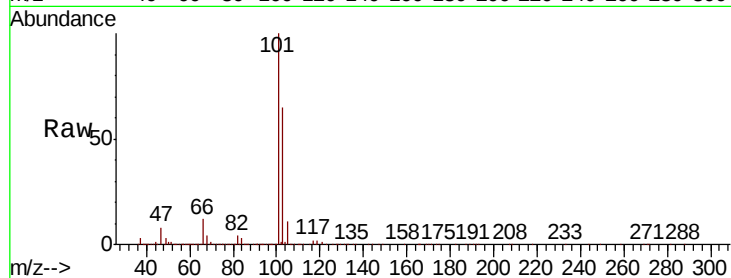


#7

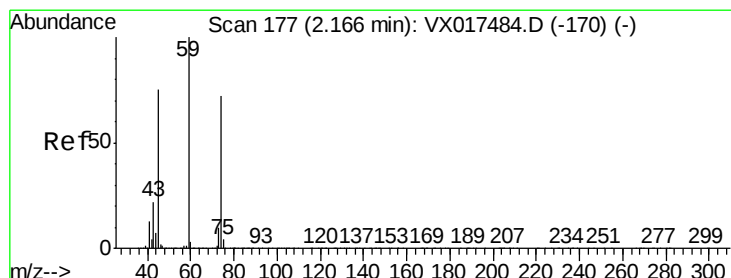
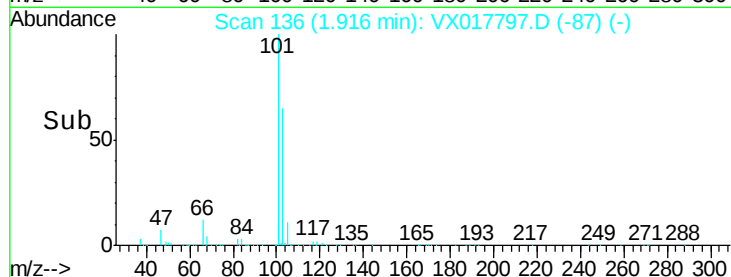
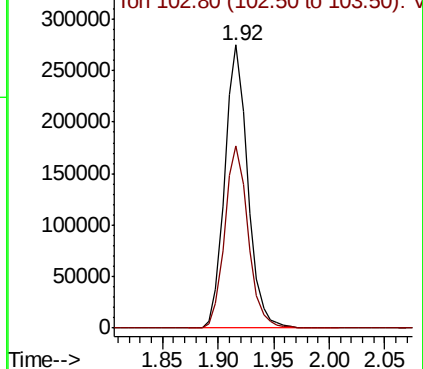
Trichlorofluoromethane
Concen: 50.713 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 393318
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8



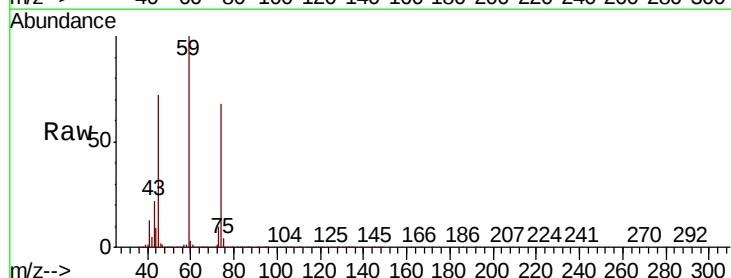
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



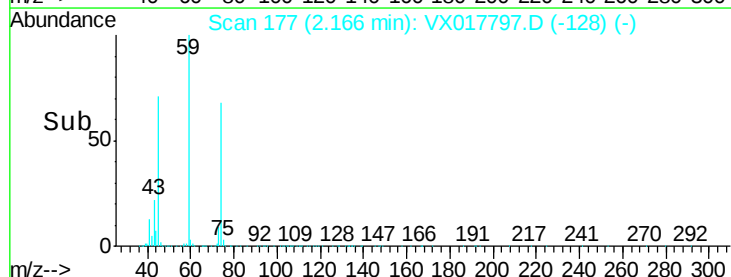
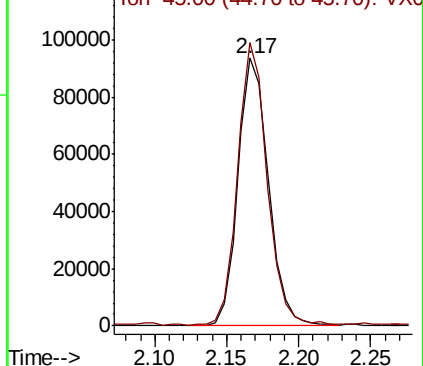
#8

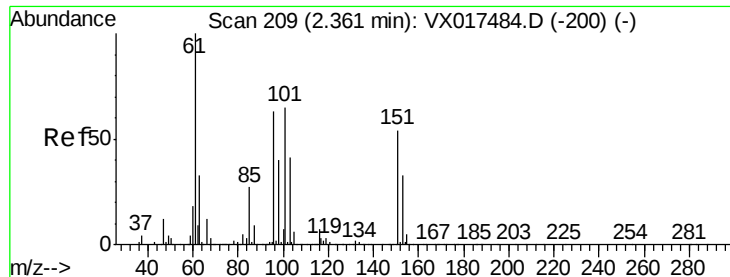
Diethyl Ether
Concen: 54.774 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 74 Resp: 137402
Ion Ratio Lower Upper
74 100
45 101.9 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.206 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

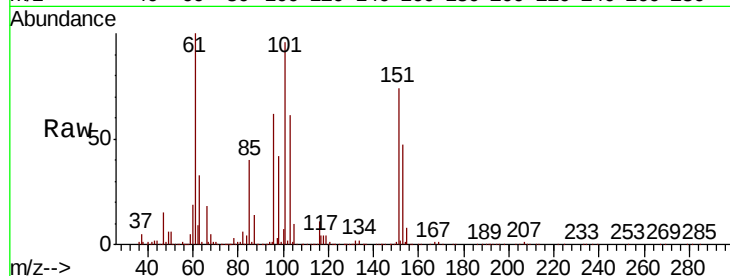
Tot Ion:101 Resp: 213685

Ion Ratio Lower Upper

101 100

85 44.6 34.8 52.2

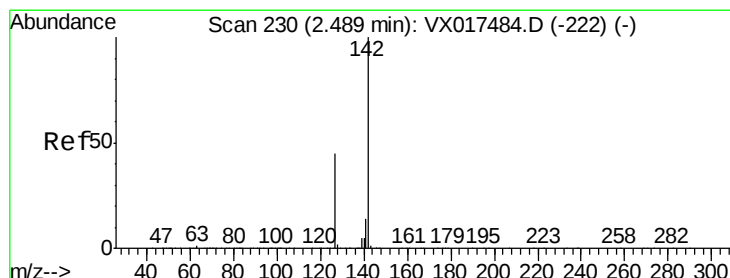
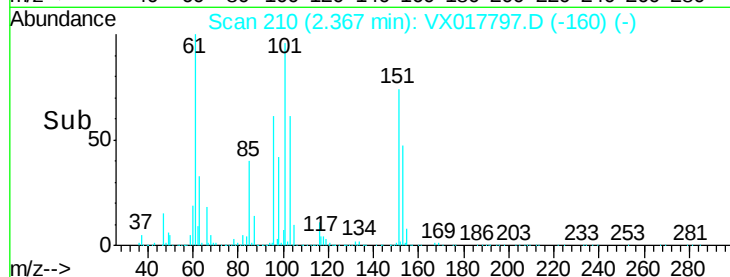
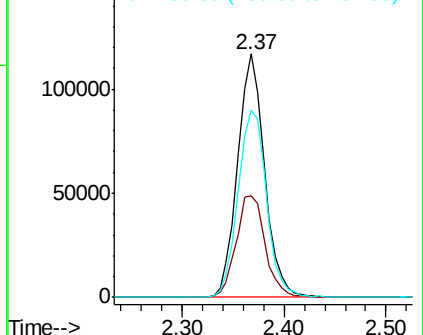
151 81.3 68.0 102.0



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: 50.742 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

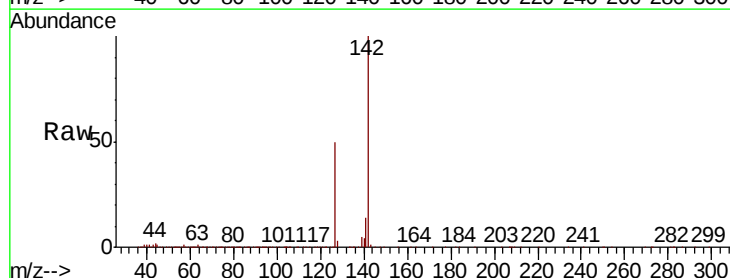
Tgt Ion:142 Resp: 276296

Ion Ratio Lower Upper

142 100

127 48.3 35.9 53.9

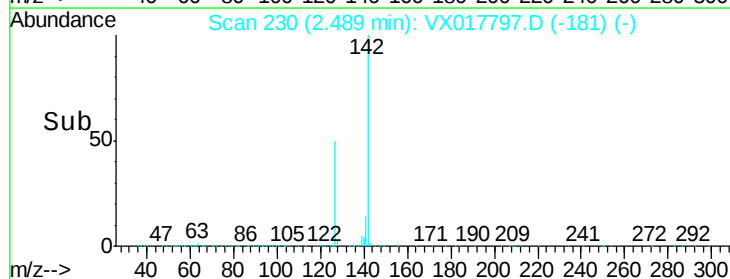
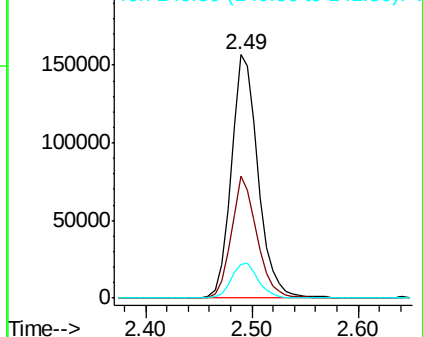
141 14.6 11.4 17.0

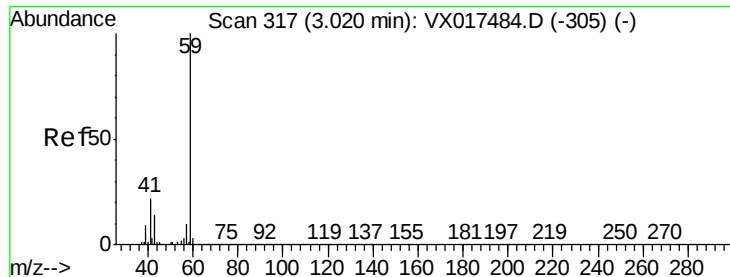


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



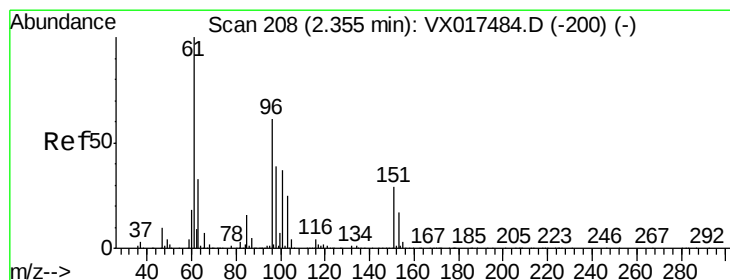
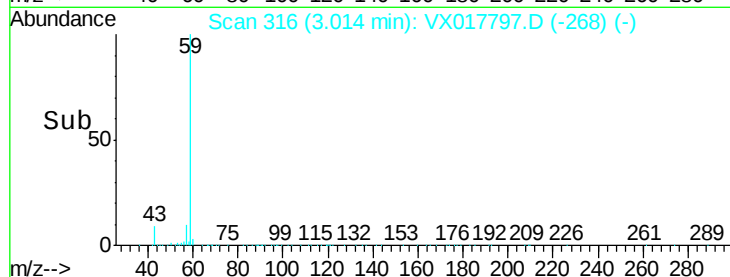
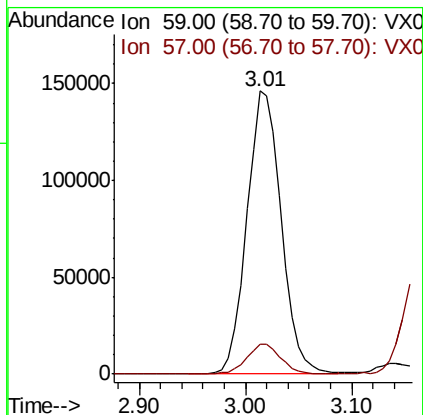
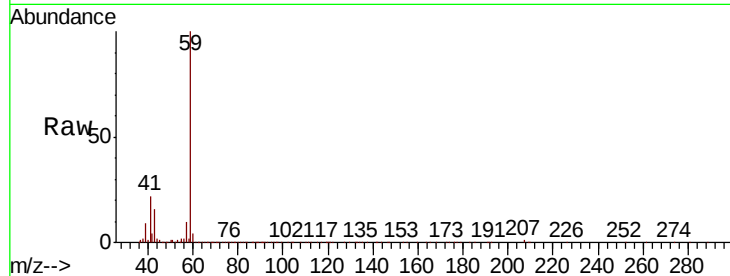


#11

Tert butyl alcohol
 Concen: 311.226 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

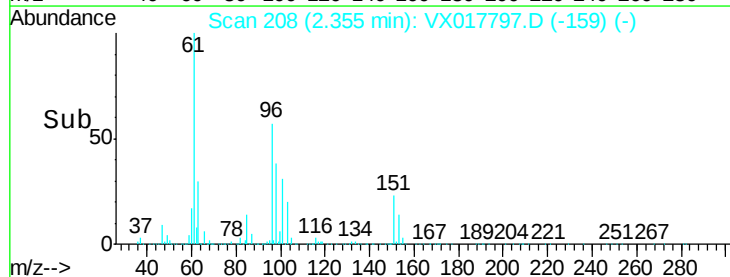
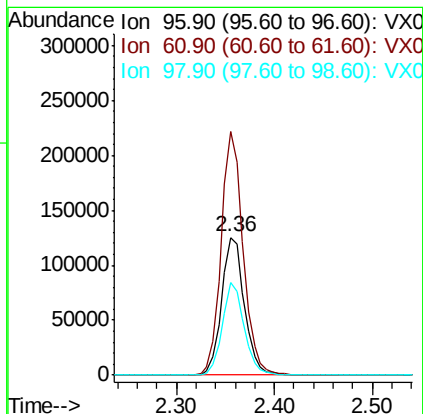
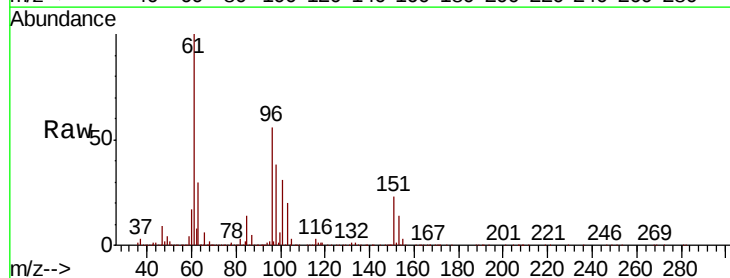
Tot Ion: 59 Resp: 330165
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

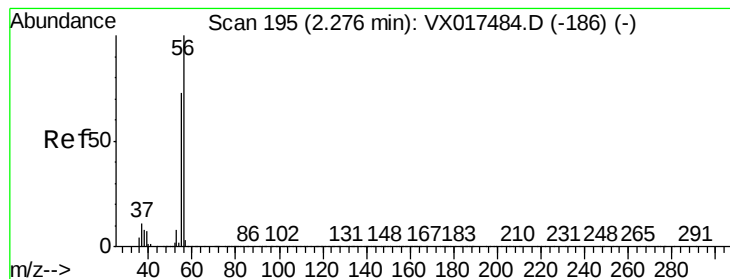


#12

1,1-Dichloroethene
 Concen: 49.822 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion: 96 Resp: 201648
 Ion Ratio Lower Upper
 96 100
 61 177.0 134.0 201.0
 98 67.4 51.0 76.4





#13

Acrolein

Concen: 267.235 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

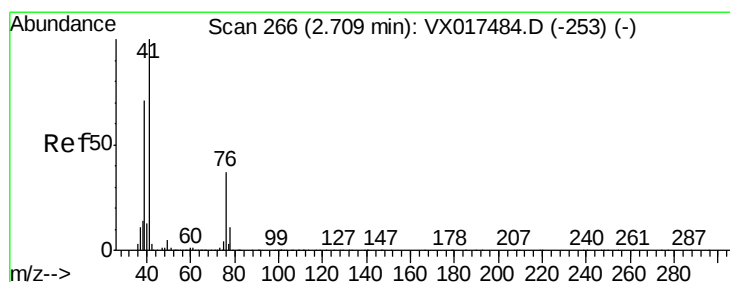
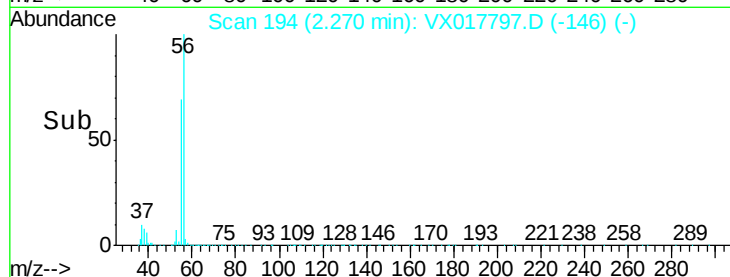
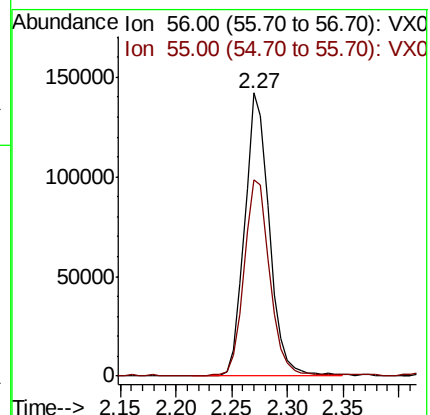
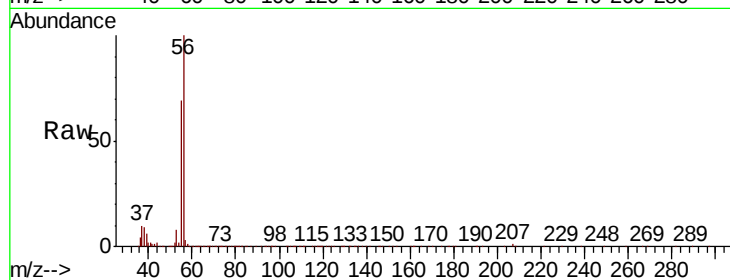
VSTDCCC050

Tot Ion: 56 Resp: 216682

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 53.008 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

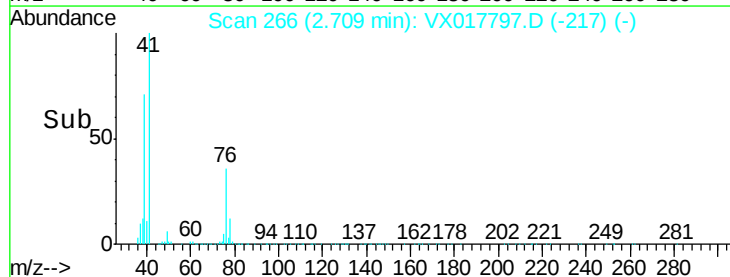
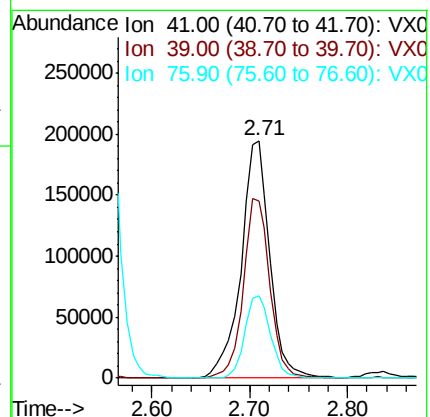
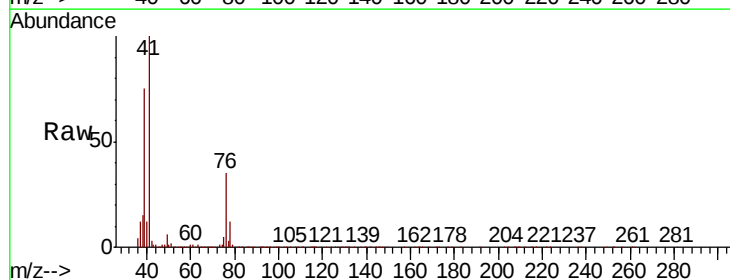
Tgt Ion: 41 Resp: 391749

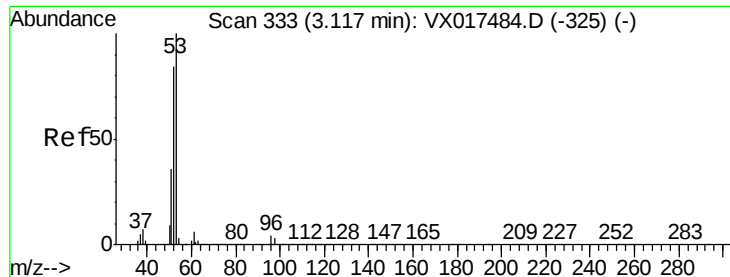
Ion Ratio Lower Upper

41 100

39 69.9 51.9 77.9

76 31.6 25.5 38.3





#15

Acrylonitrile

Concen: 292.213 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

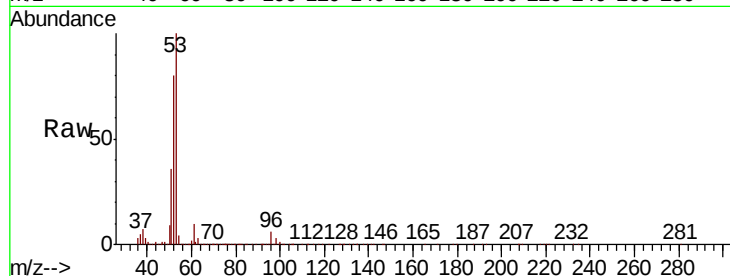
Tot Ion: 53 Resp: 669553

Ion Ratio Lower Upper

53 100

52 82.8 66.6 99.8

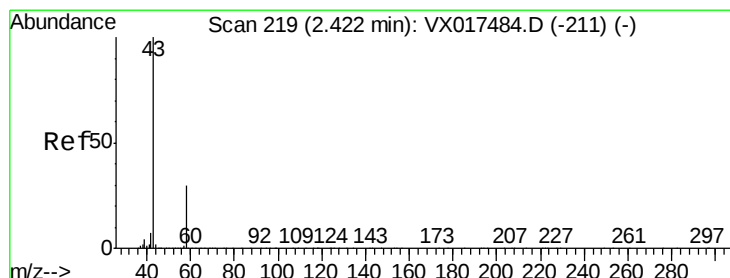
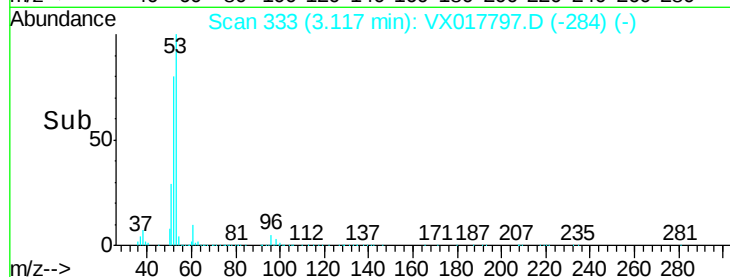
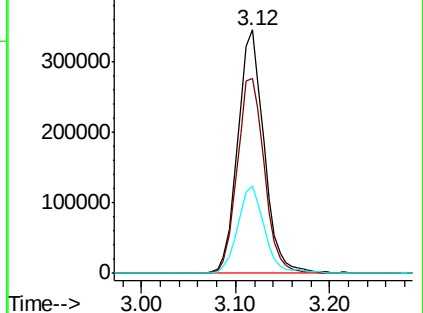
51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 268.774 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017797.D

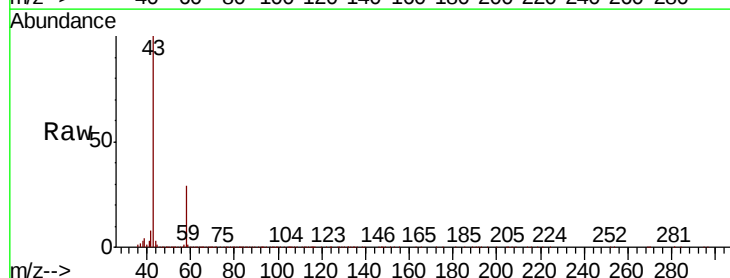
Acq: 06 Aug 2020 10:08

Tgt Ion: 43 Resp: 595448

Ion Ratio Lower Upper

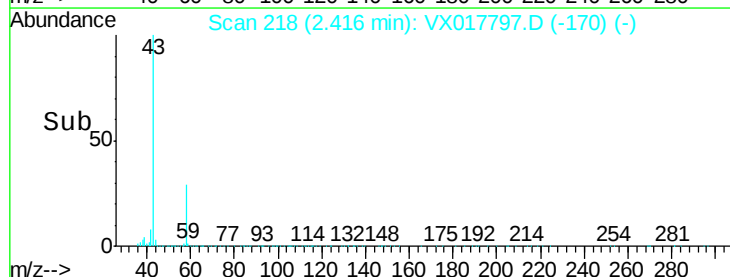
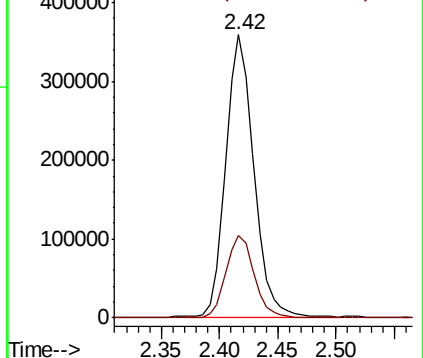
43 100

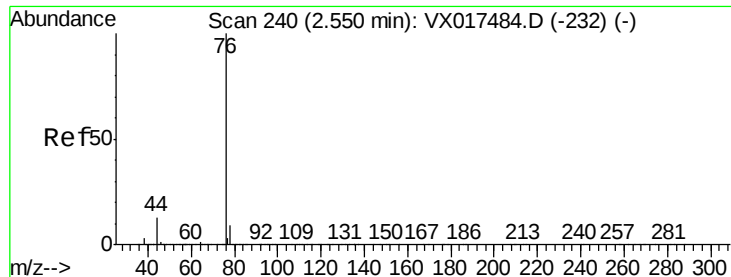
58 28.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.328 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

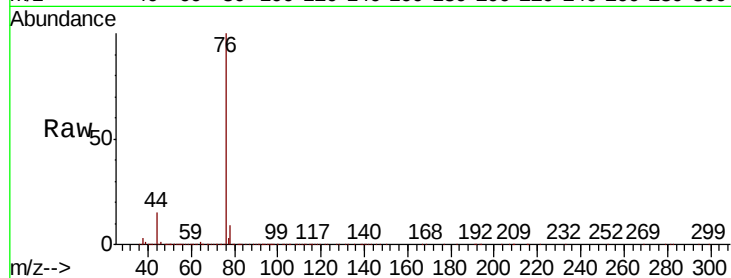
VSTDCCC050

Tot Ion: 76 Resp: 533027

Ion Ratio Lower Upper

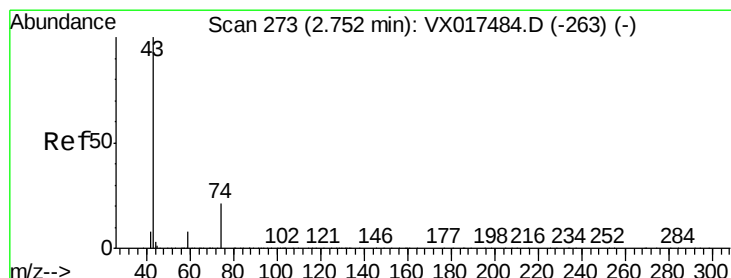
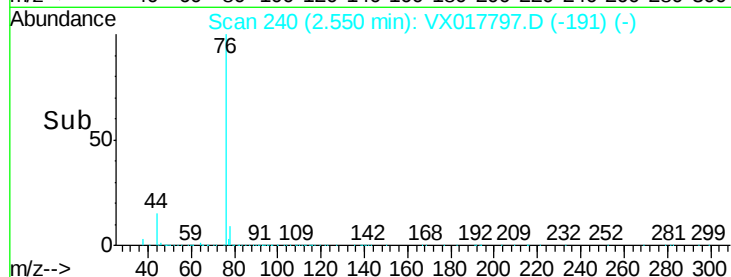
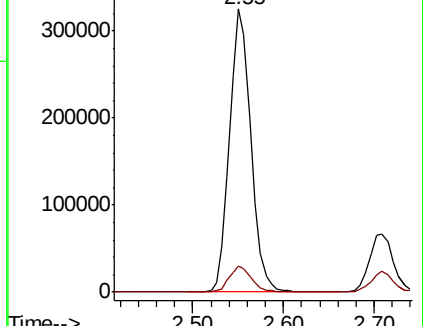
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.221 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017797.D

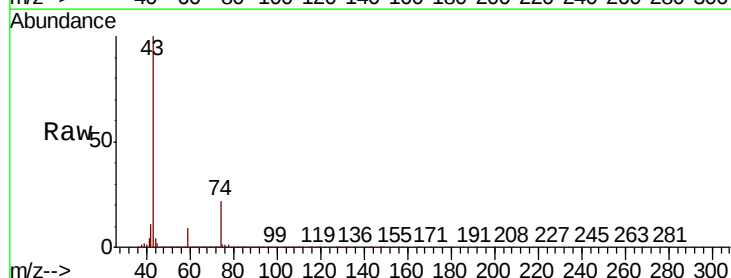
Acq: 06 Aug 2020 10:08

Tgt Ion: 43 Resp: 340298

Ion Ratio Lower Upper

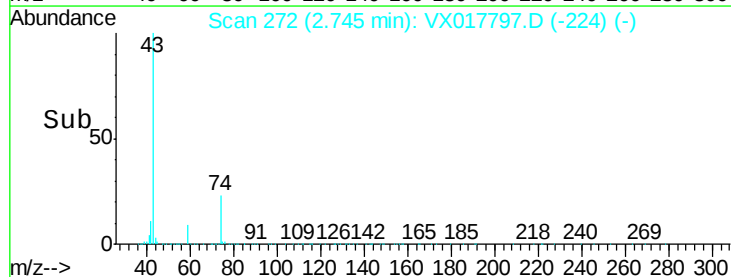
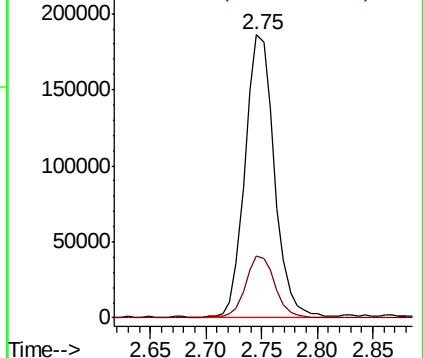
43 100

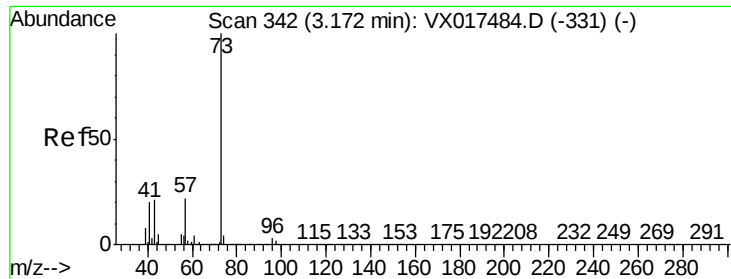
74 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

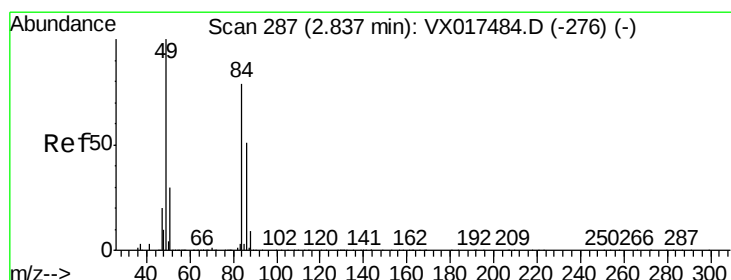
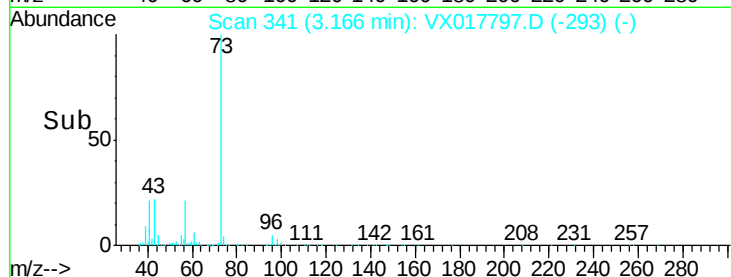
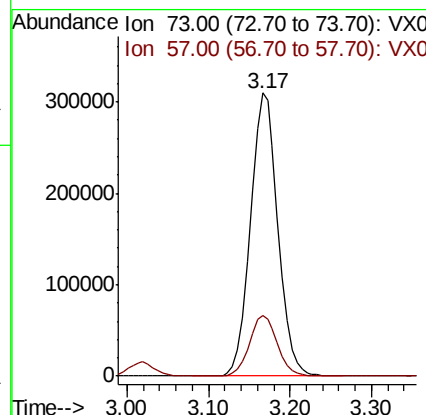
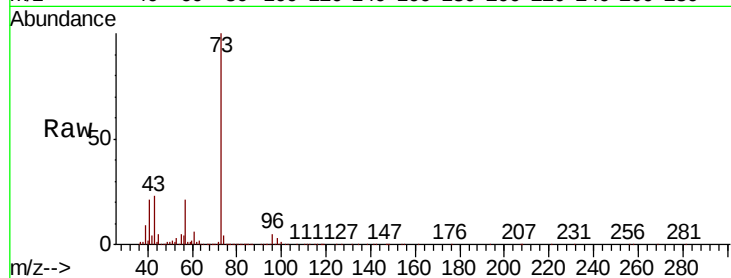




#19
Methyl tert-butyl Ether
Concen: 51.442 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

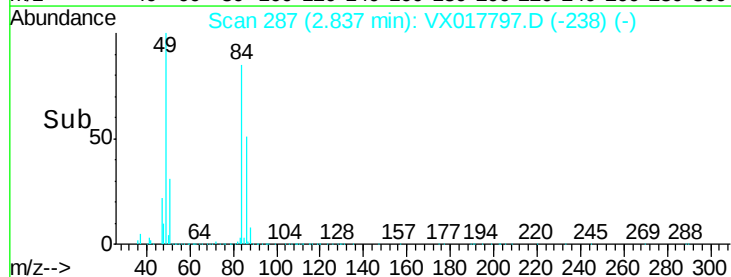
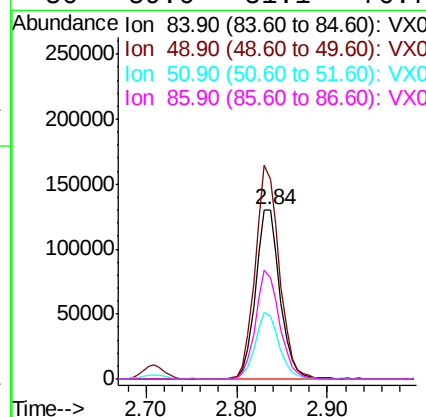
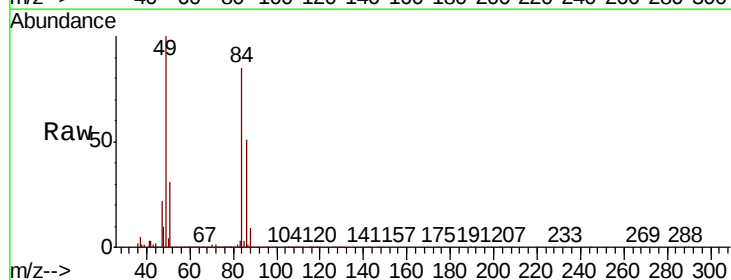
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

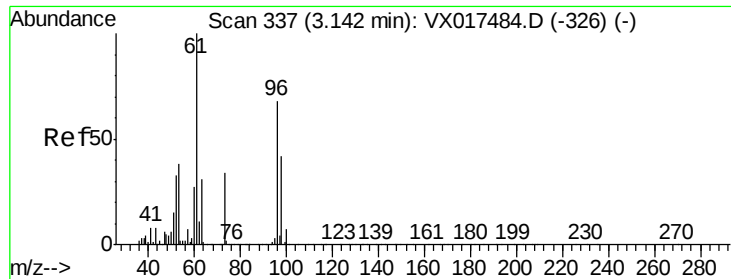
Tot Ion: 73 Resp: 720643
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 58.054 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 84 Resp: 241366
Ion Ratio Lower Upper
84 100
49 117.5 100.3 150.5
51 36.4 30.5 45.7
86 59.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.706 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

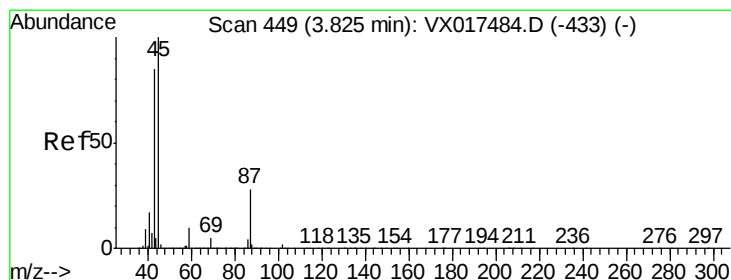
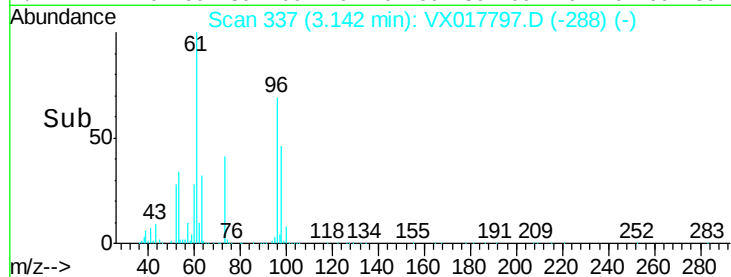
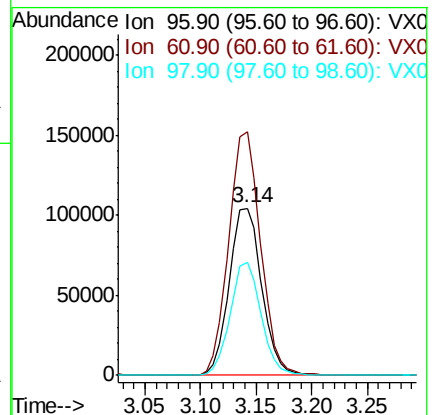
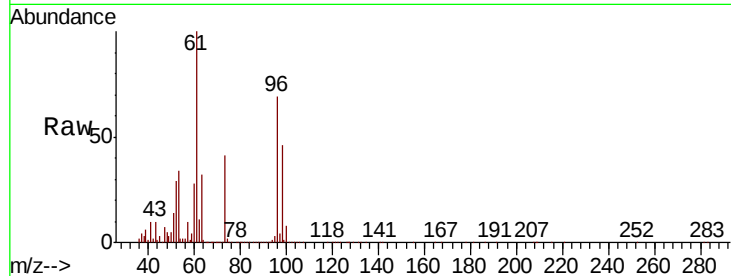
Tot Ion: 96 Resp: 211183

Ion Ratio Lower Upper

96 100

61 145.5 113.0 169.4

98 67.1 51.8 77.8



#22

Diisopropyl ether

Concen: 46.037 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion: 45 Resp: 622107

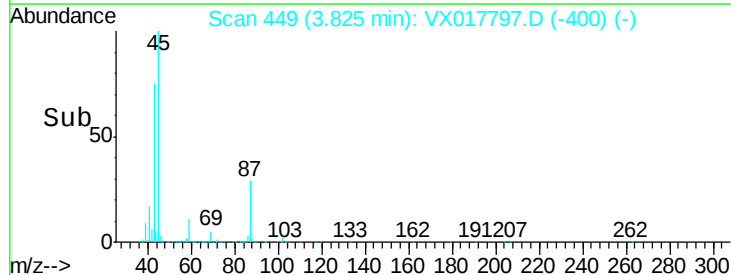
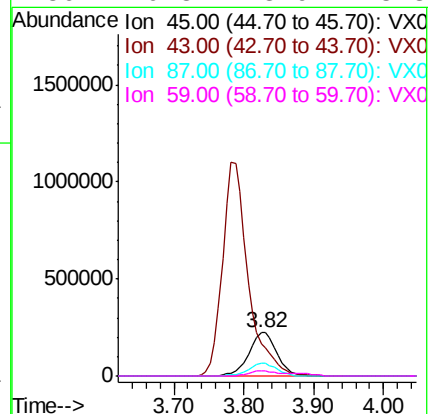
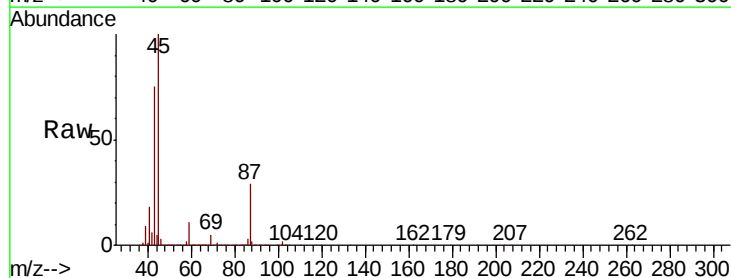
Ion Ratio Lower Upper

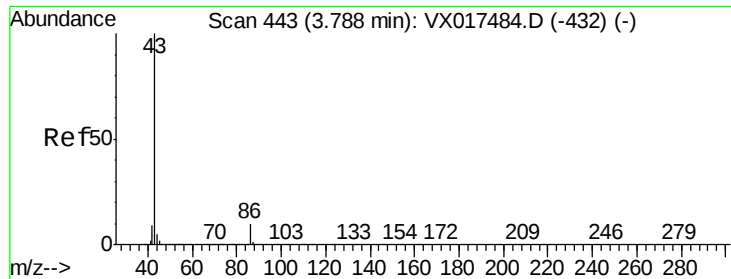
45 100

43 74.7 52.0 78.0

87 29.0 22.2 33.4

59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 234.404 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

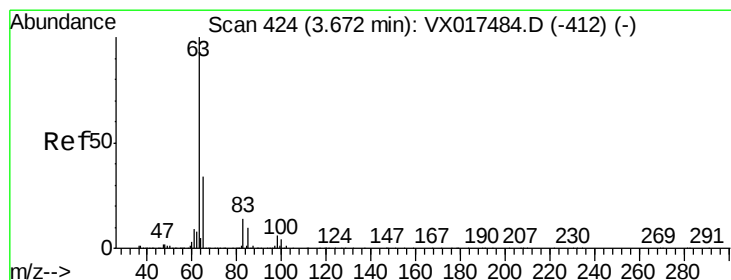
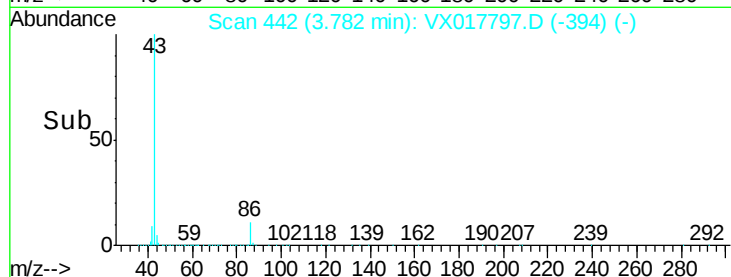
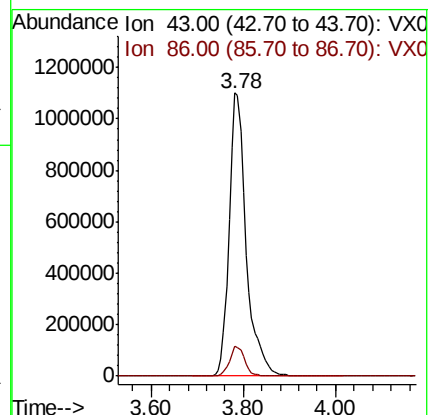
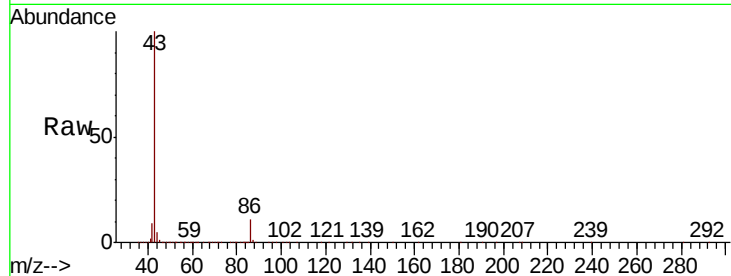
VSTDCCC050

Tot Ion: 43 Resp: 2824251

Ion Ratio Lower Upper

43 100

86 10.6 8.2 12.4



#24

1,1-Dichloroethane

Concen: 46.359 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

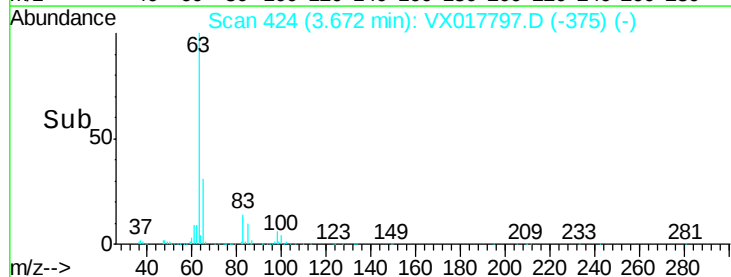
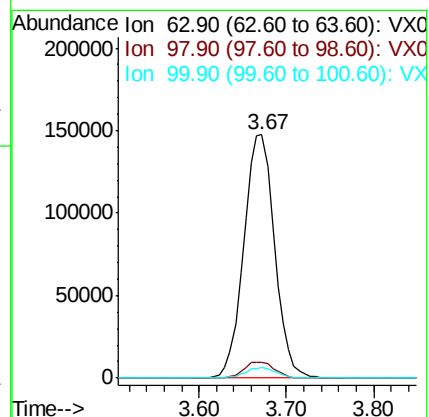
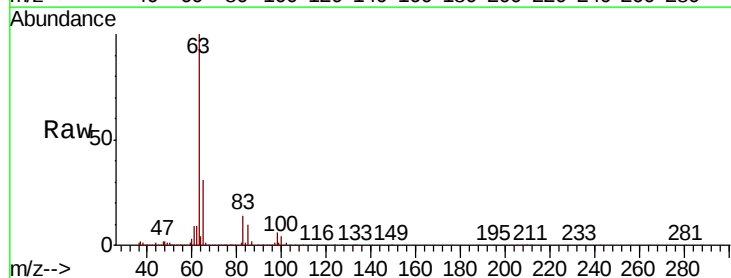
Tgt Ion: 63 Resp: 360875

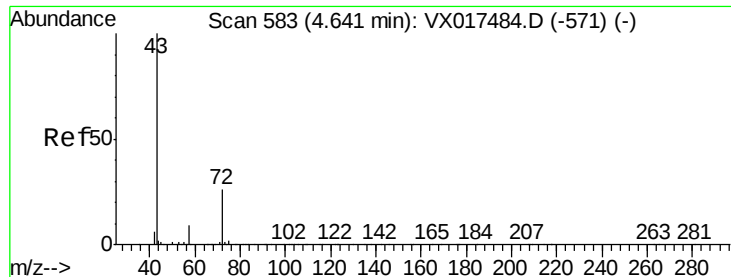
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.4 1.9 5.7





#25

2-Butanone

Concen: 263.217 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

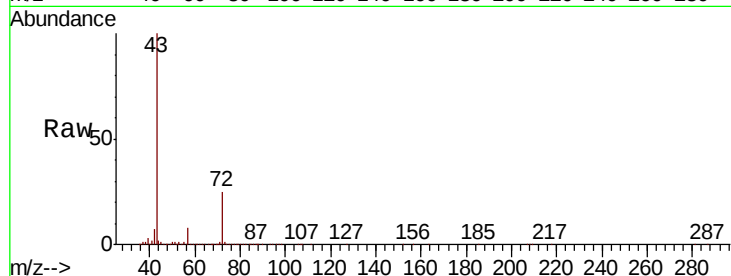
VSTDCCC050

Tot Ion: 43 Resp: 828406

Ion Ratio Lower Upper

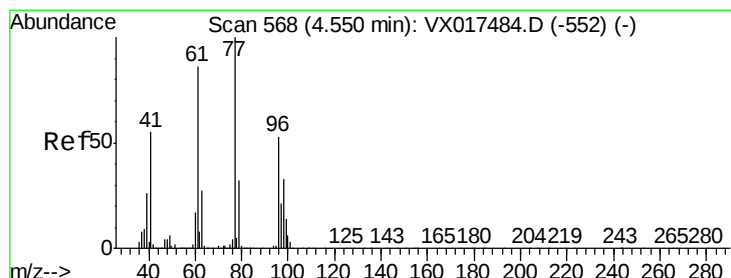
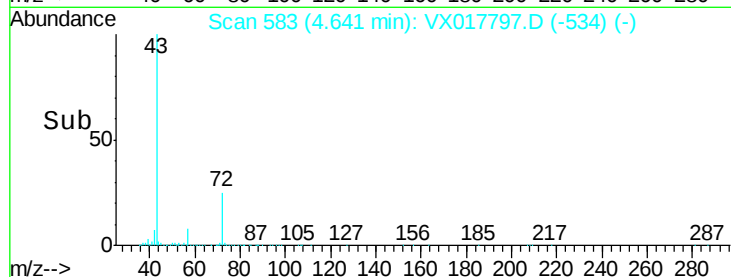
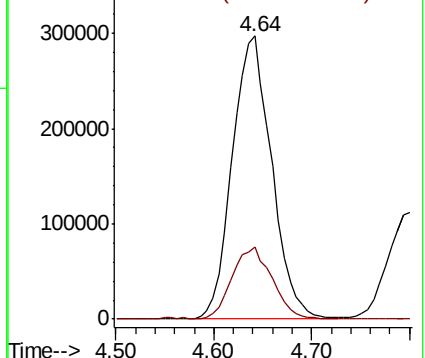
43 100

72 25.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.958 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017797.D

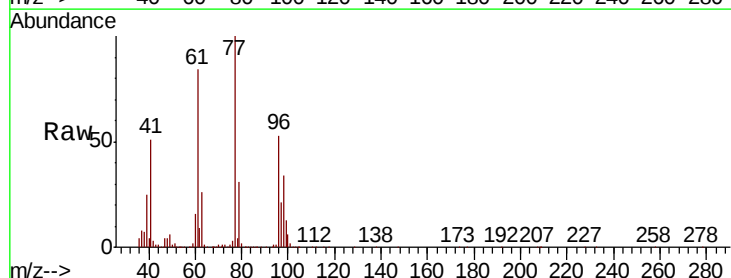
Acq: 06 Aug 2020 10:08

Tgt Ion: 77 Resp: 375981

Ion Ratio Lower Upper

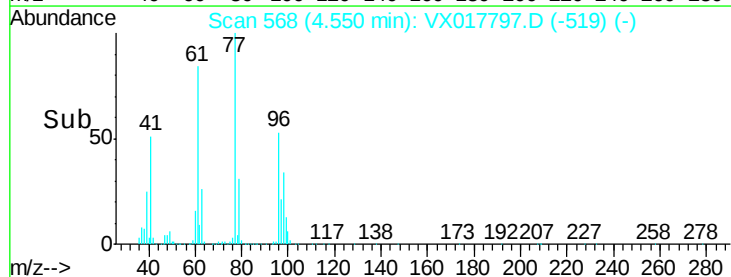
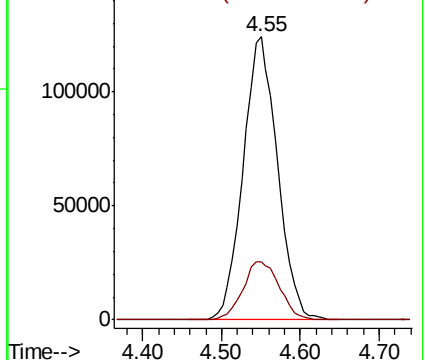
77 100

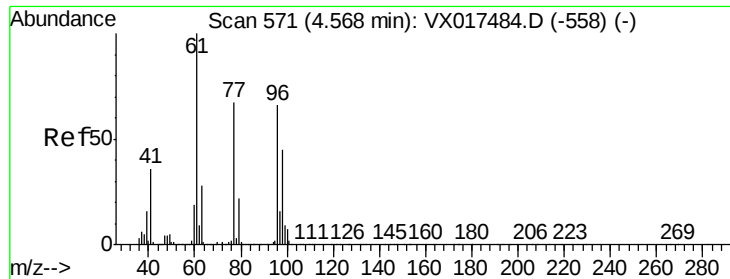
97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



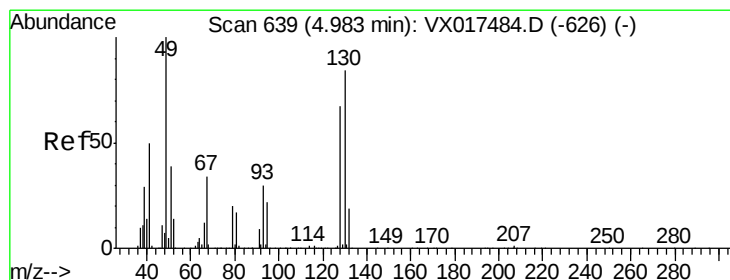
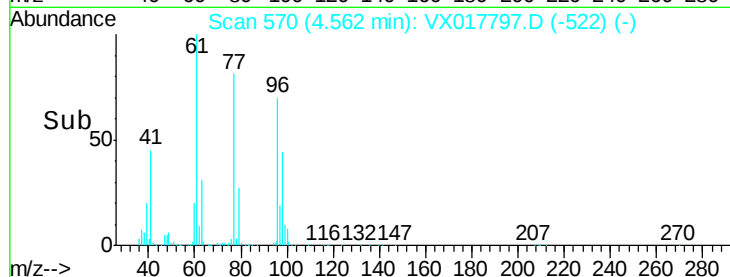
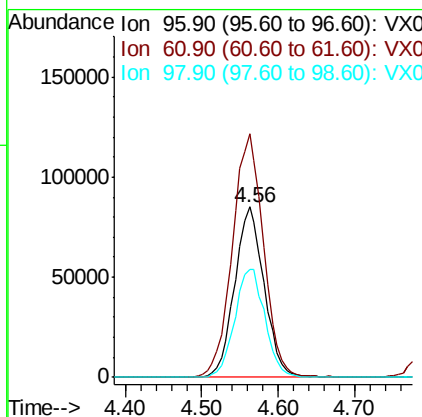
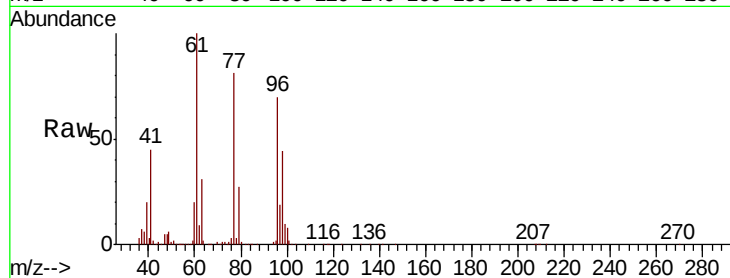


#27

cis-1,2-Dichloroethene
Concen: 48.308 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

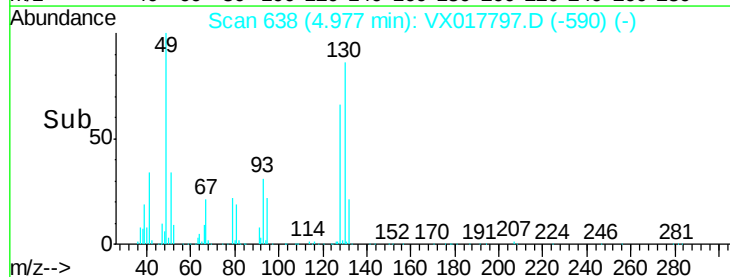
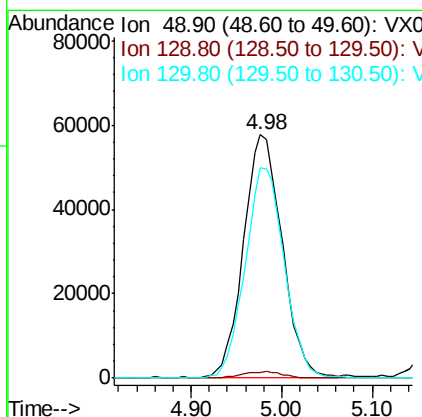
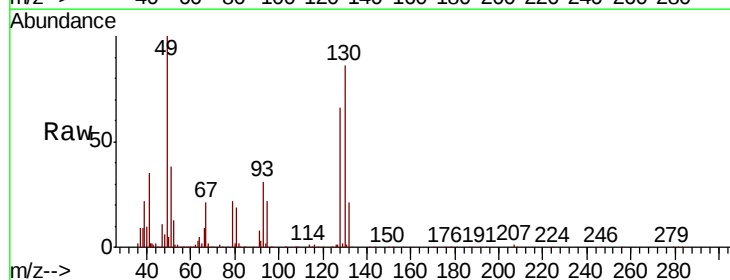
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	301.2
98	65.1	0.0	130.0

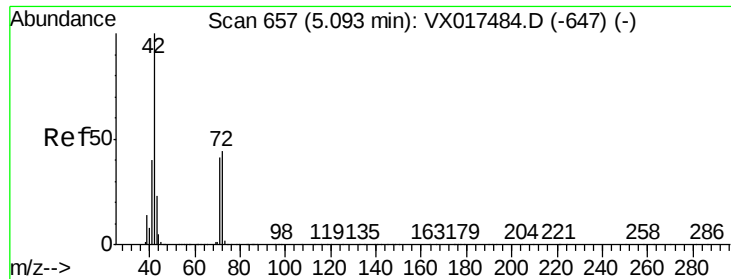


#28

Bromochloromethane
Concen: 48.401 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	87.5	66.7	100.1





#29

Tetrahydrofuran

Concen: 265.160 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

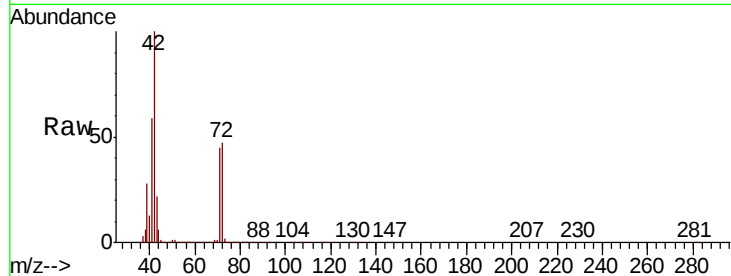
Tot Ion: 42 Resp: 516923

Ion Ratio Lower Upper

42 100

72 46.2 35.5 53.3

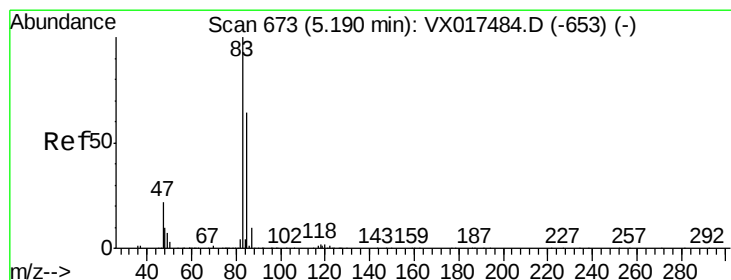
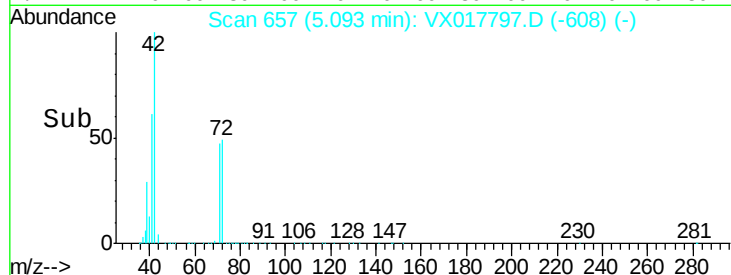
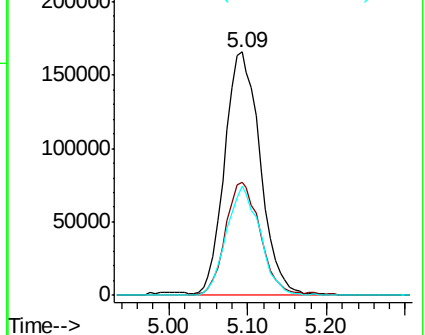
71 43.1 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.896 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017797.D

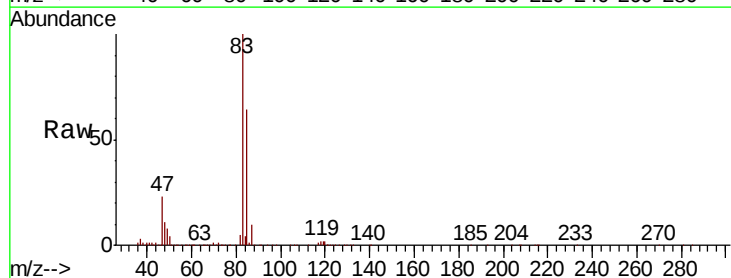
Acq: 06 Aug 2020 10:08

Tgt Ion: 83 Resp: 412778

Ion Ratio Lower Upper

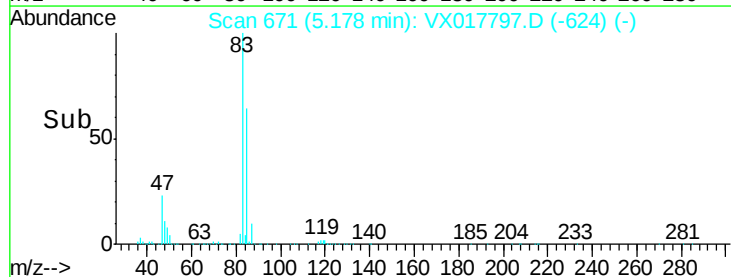
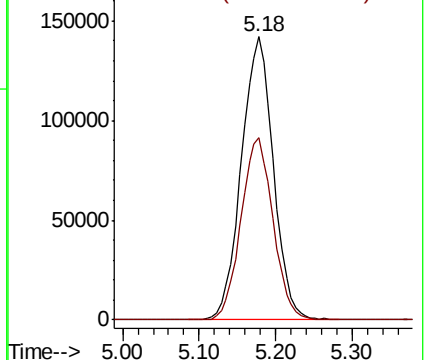
83 100

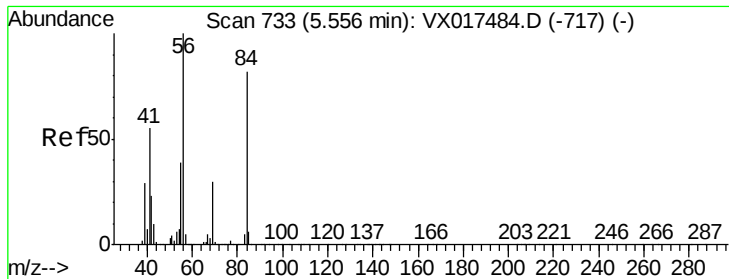
85 64.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

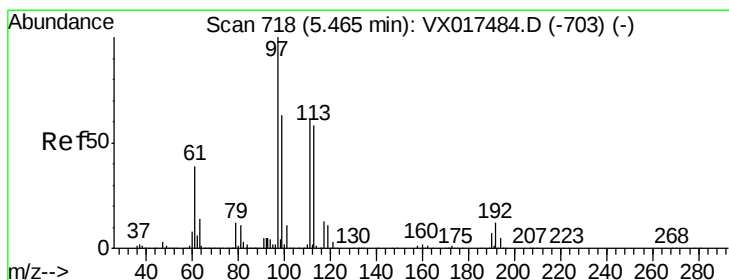
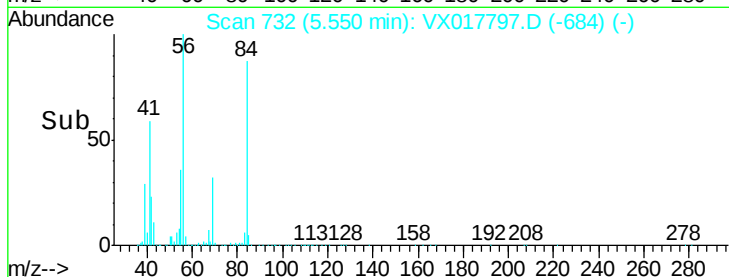
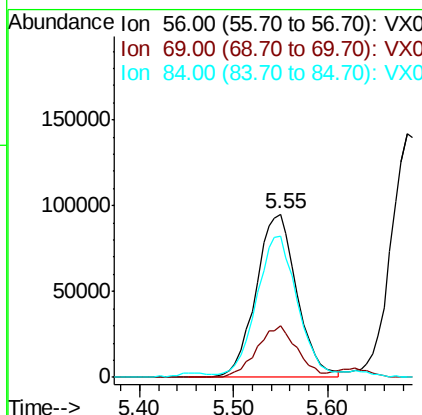
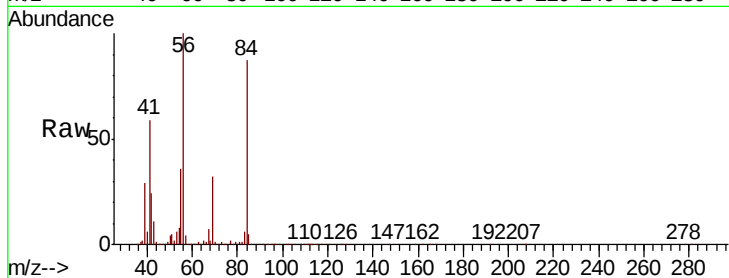




#31
Cyclohexane
Concen: 46.613 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

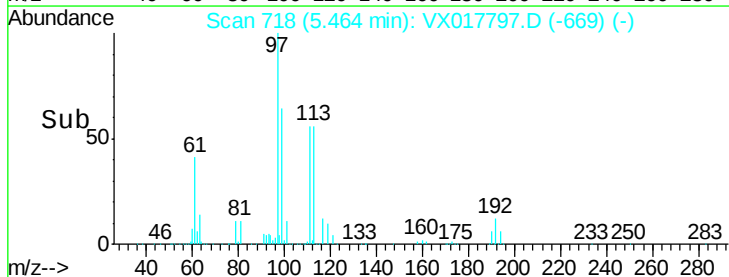
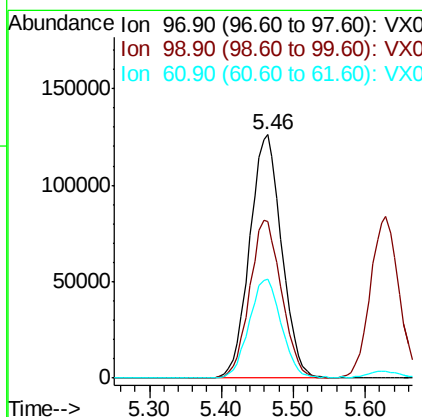
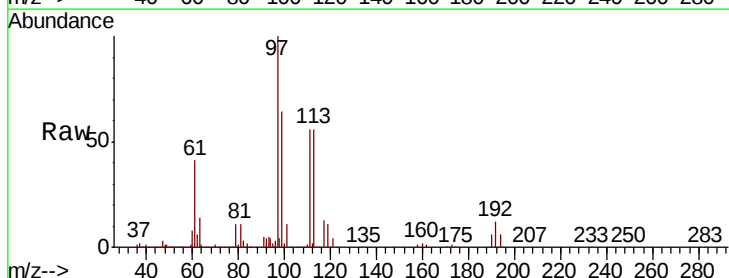
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

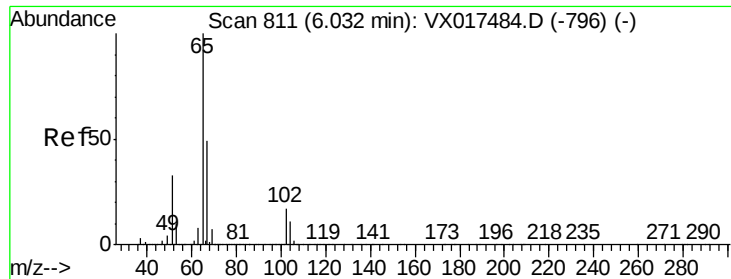
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	84.4	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 51.770 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	40.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

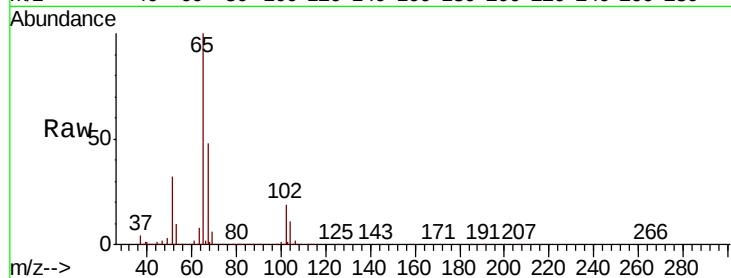
VSTDCCC050

Tot Ion: 65 Resp: 255951

Ion Ratio Lower Upper

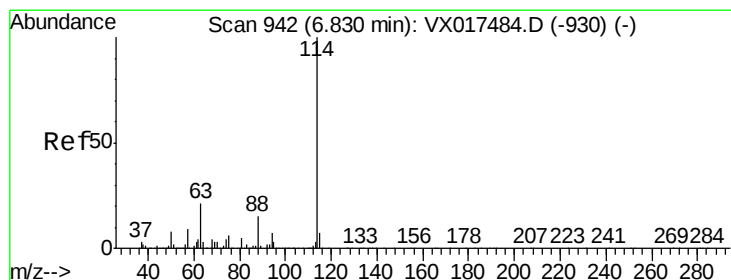
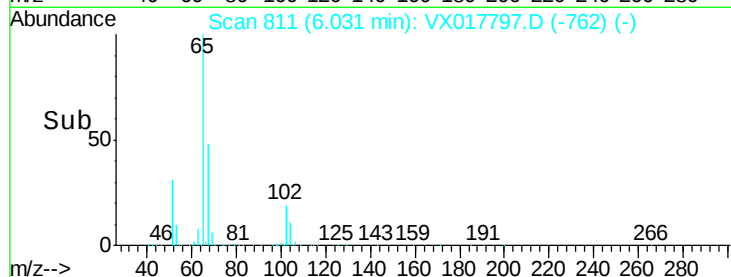
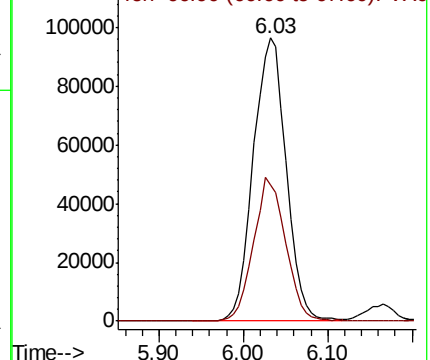
65 100

67 49.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

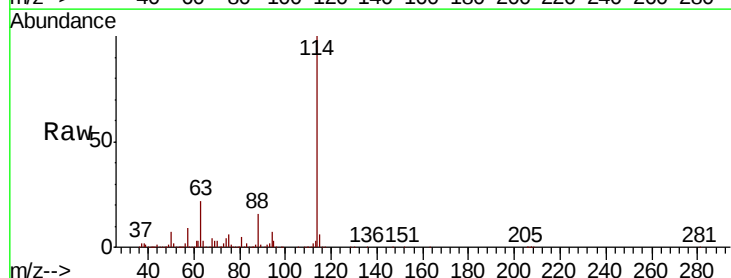
Tgt Ion: 114 Resp: 579284

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.6

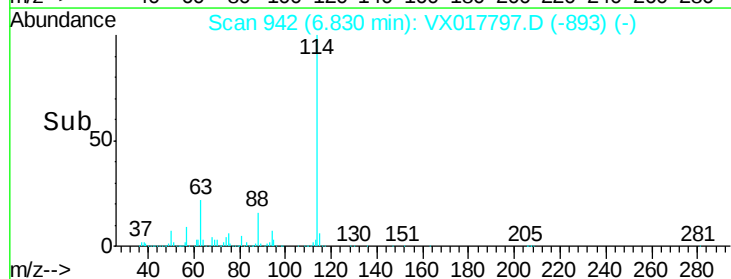
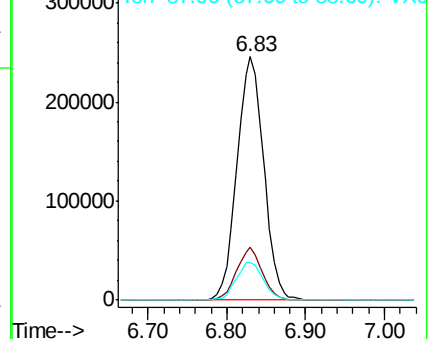
88 15.5 0.0 33.4

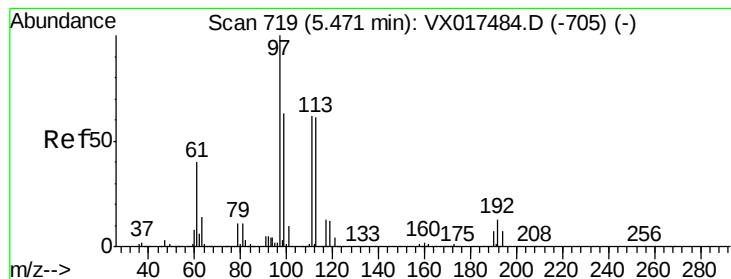


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

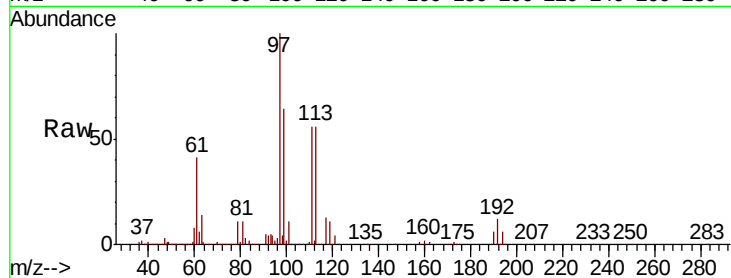
Tot Ion:113 Resp: 198798

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

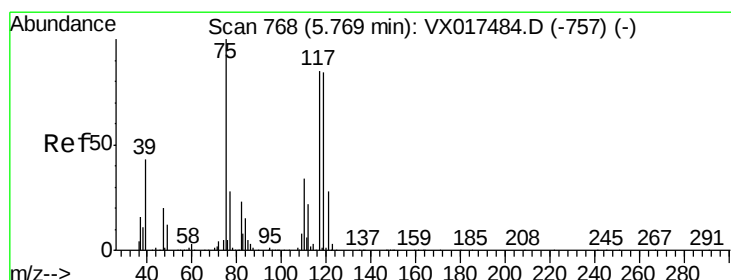
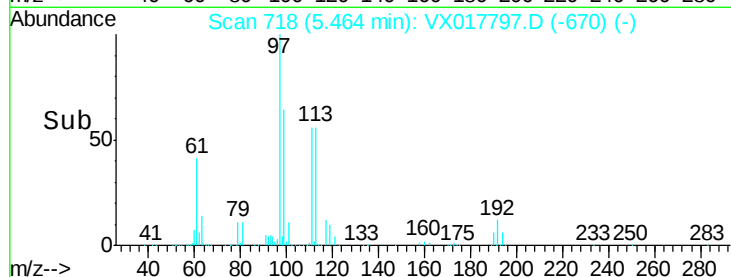
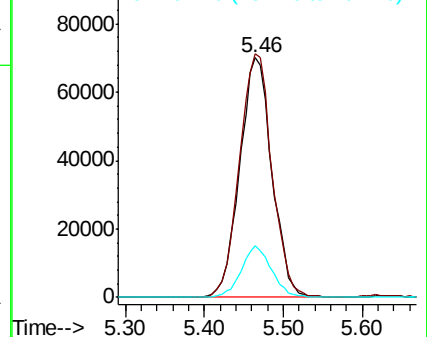
192 20.2 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.722 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

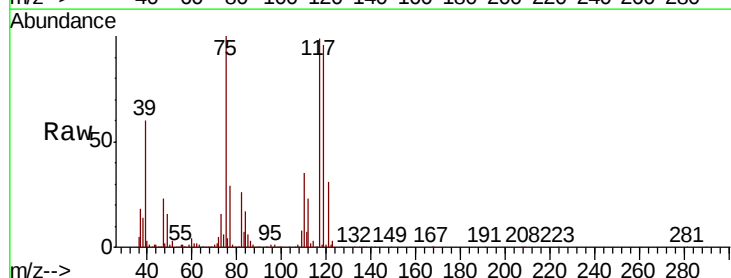
Tgt Ion: 75 Resp: 292914

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.3

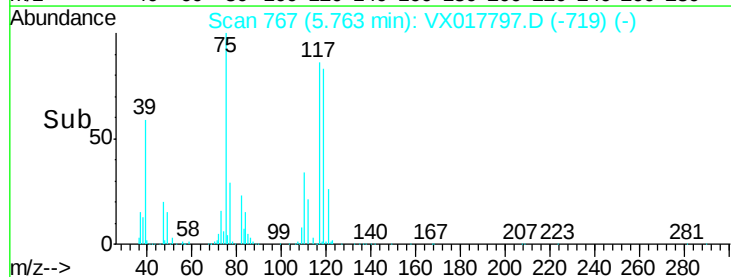
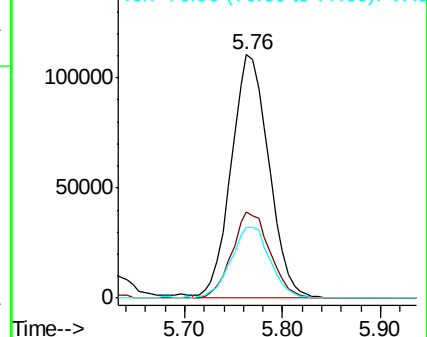
77 30.2 24.6 37.0

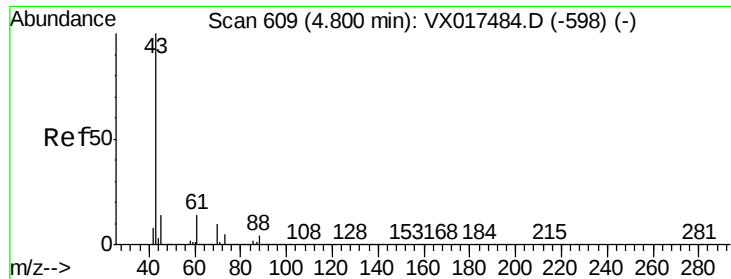


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

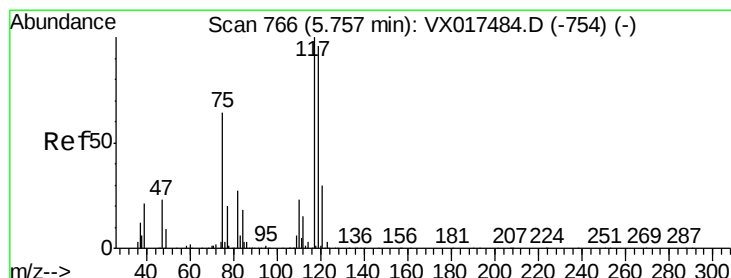
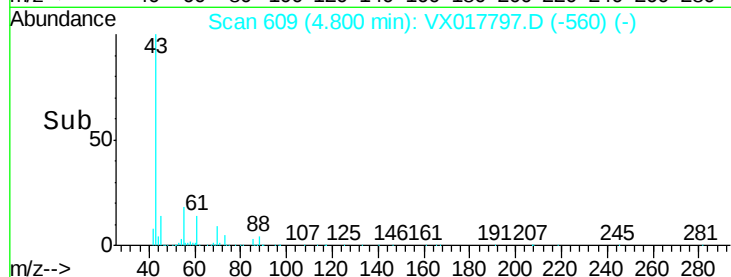
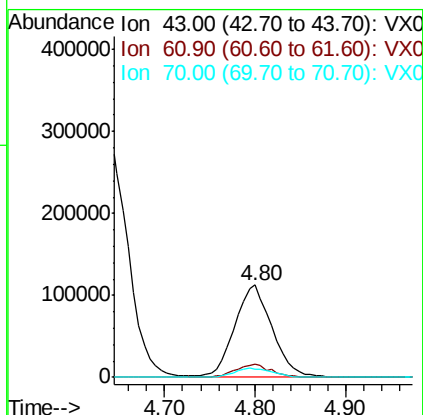
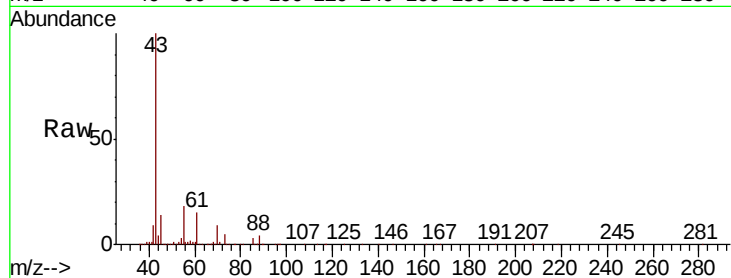




#37
Ethyl Acetate
Concen: 52.445 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

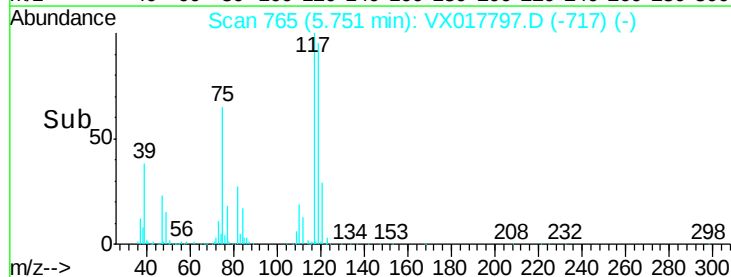
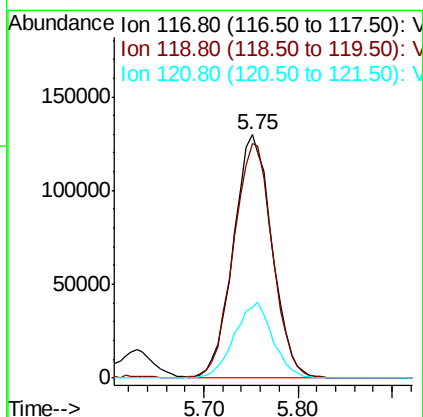
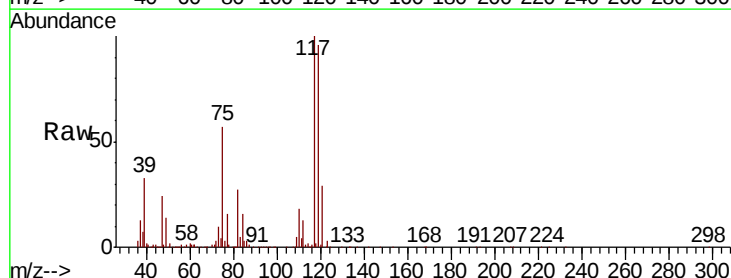
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

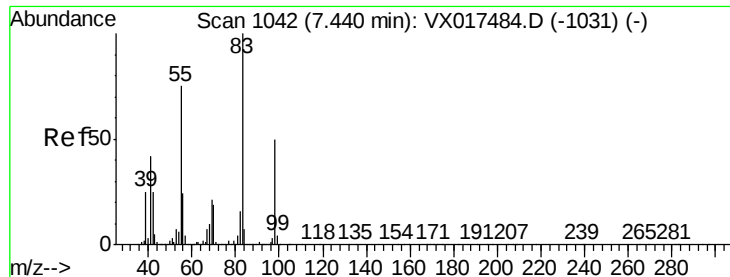
Tot Ion:	43	Resp:	318812
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 55.082 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion:	117	Resp:	371627
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
121	29.3	24.3	36.5

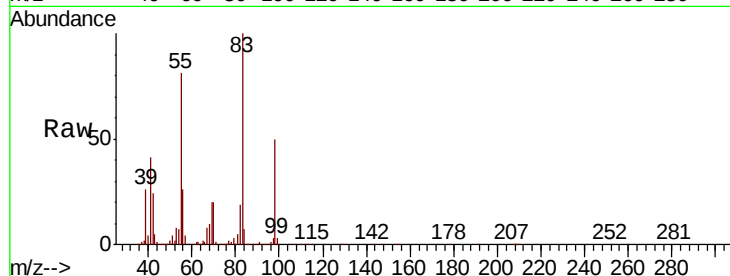




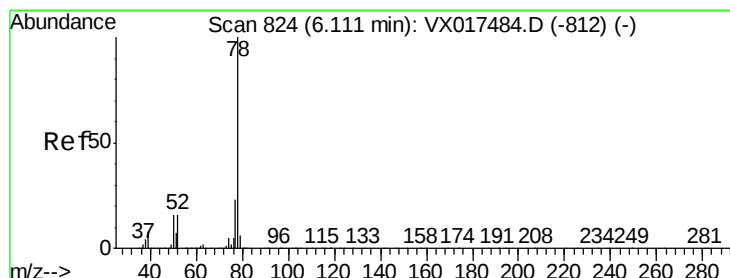
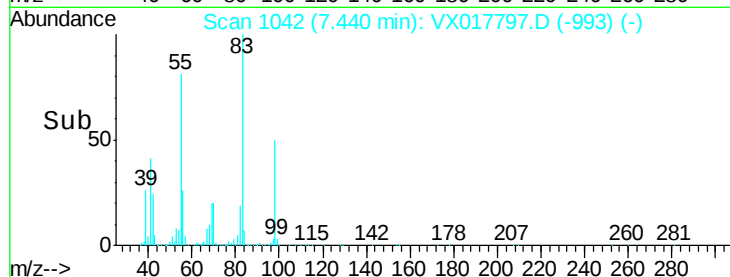
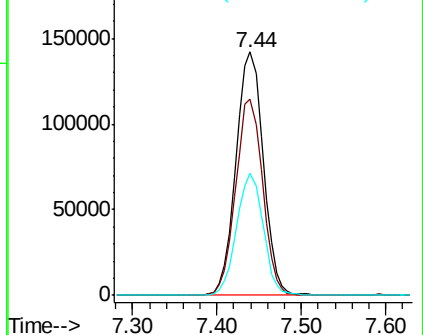
#39
Methvlcvclohexane
Concen: 47.779 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 309882
Ion Ratio Lower Upper
83 100
55 80.5 61.8 92.8
98 50.2 36.9 55.3

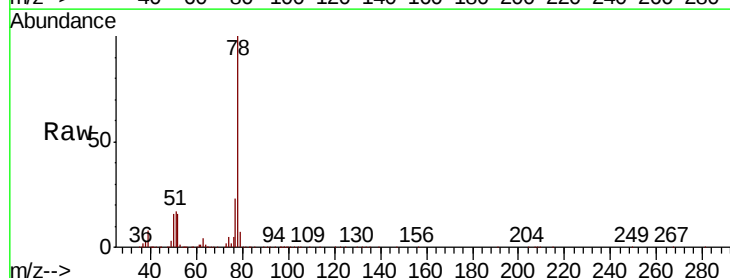


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

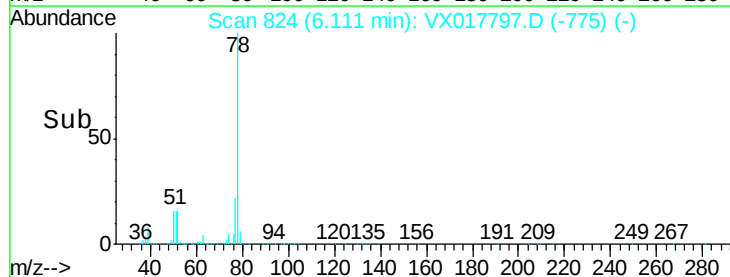
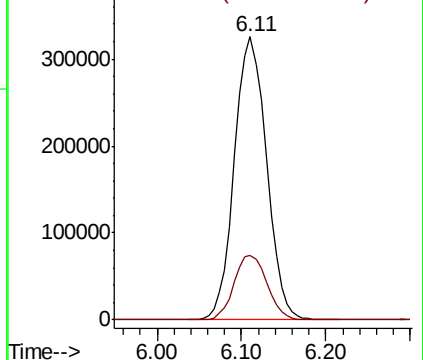


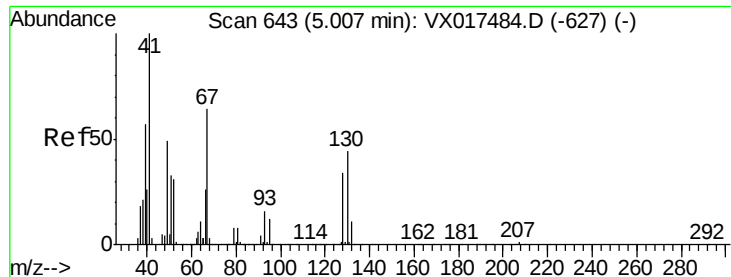
#40
Benzene
Concen: 52.720 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 78 Resp: 839740
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.640 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 179936

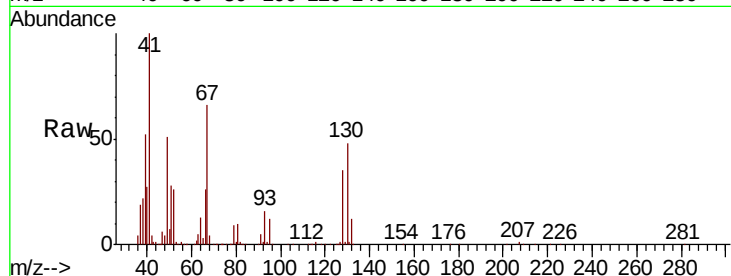
Ion Ratio Lower Upper

41 100

39 57.9 43.9 65.9

67 70.7 54.0 81.0

52 30.3 23.0 34.6

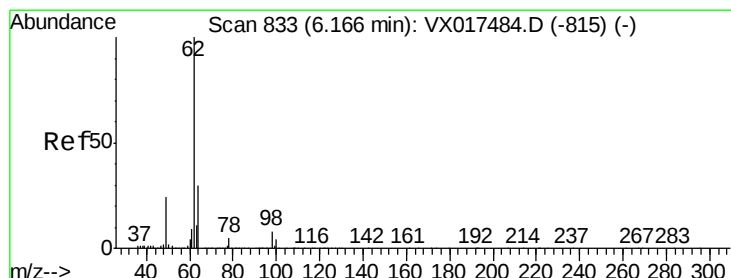
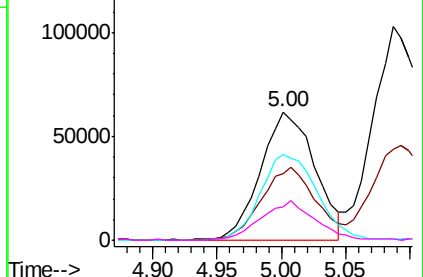
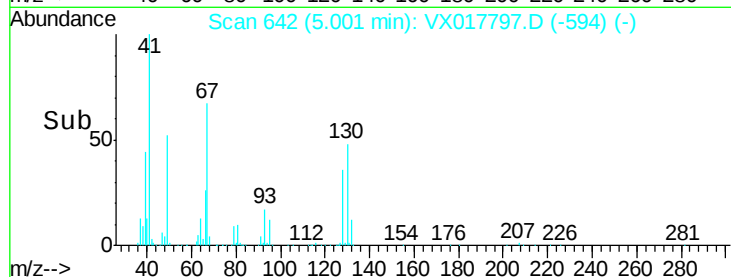


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.847 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017797.D

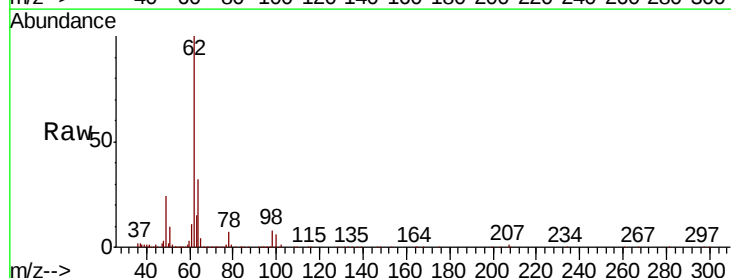
Acq: 06 Aug 2020 10:08

Tgt Ion: 62 Resp: 357405

Ion Ratio Lower Upper

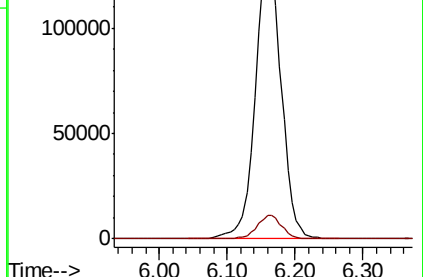
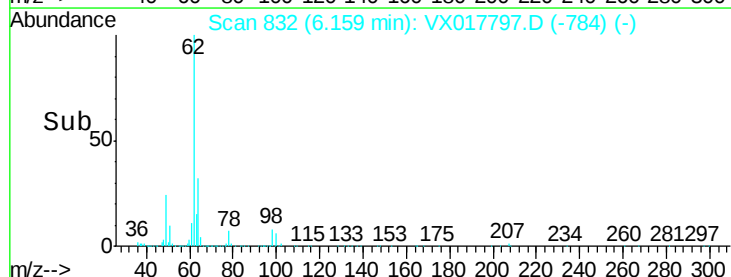
62 100

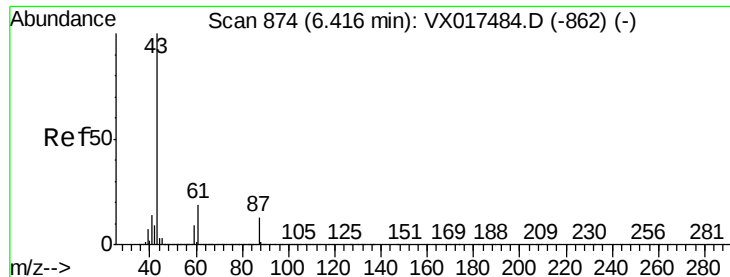
98 8.1 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



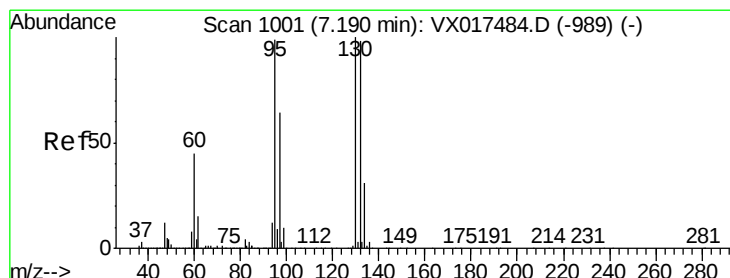
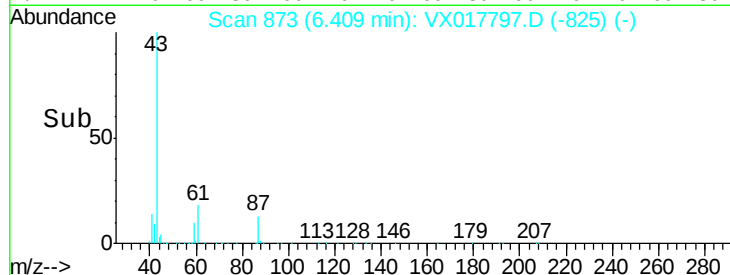
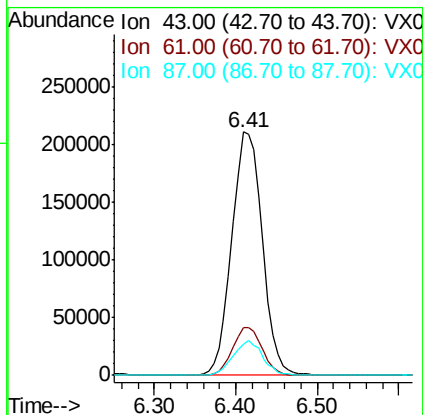
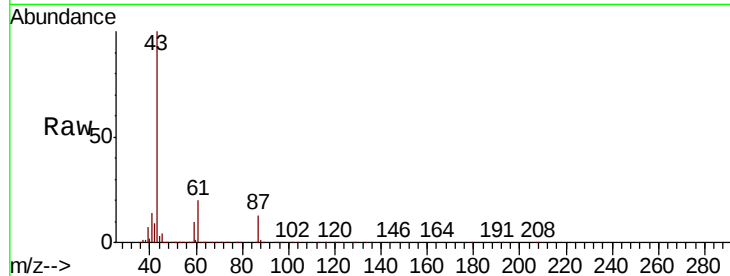


#43

Isopropyl Acetate
 Concen: 54.084 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

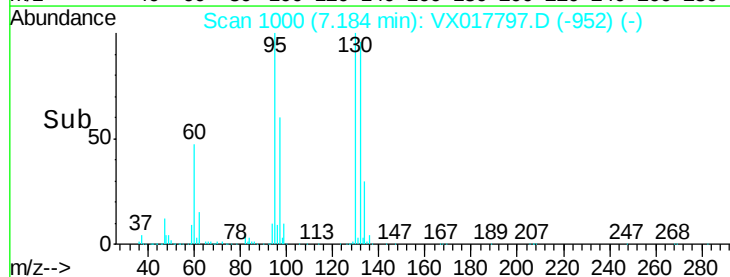
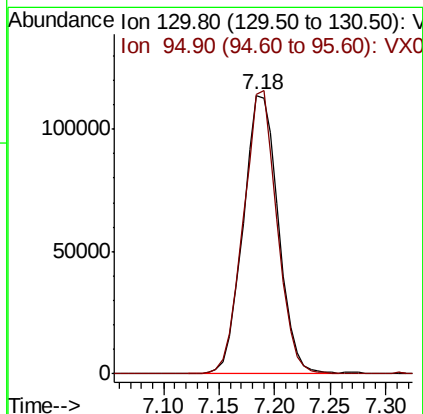
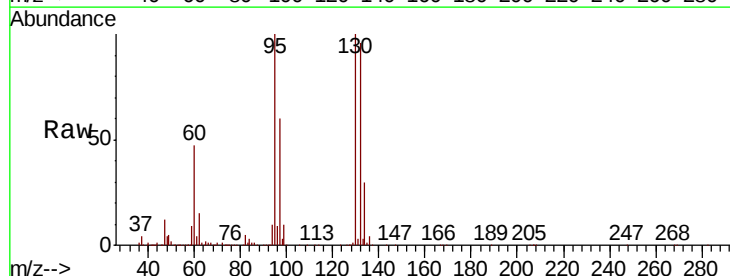
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.8	10.5	15.7

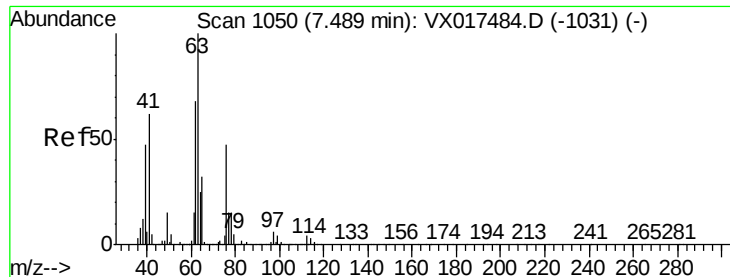


#44

Trichloroethene
 Concen: 53.557 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 51.196 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

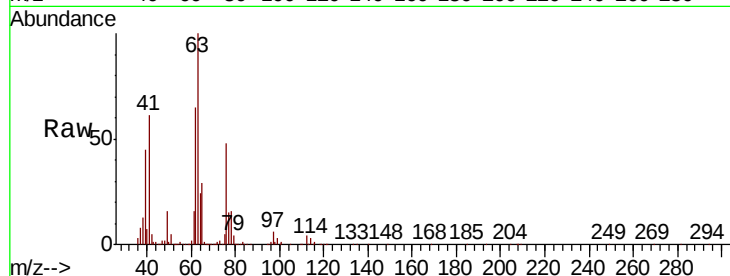
VSTDCCC050

Tot Ion: 63 Resp: 226059

Ion Ratio Lower Upper

63 100

65 28.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

120000

100000

80000

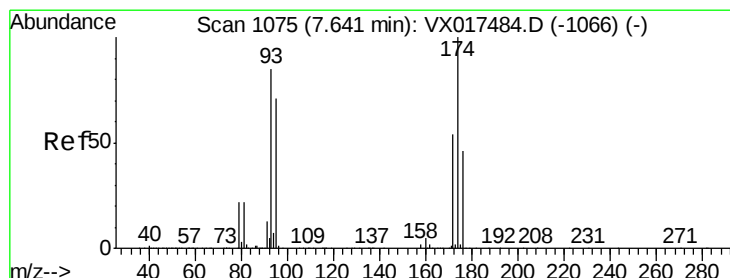
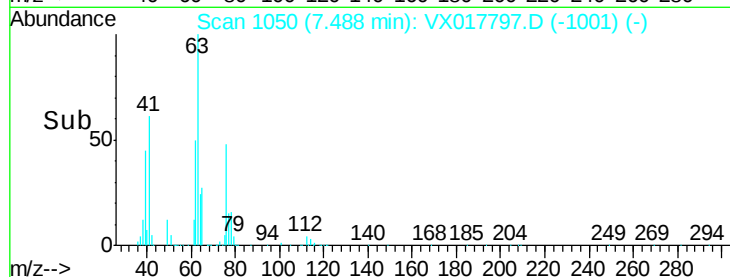
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 51.214 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

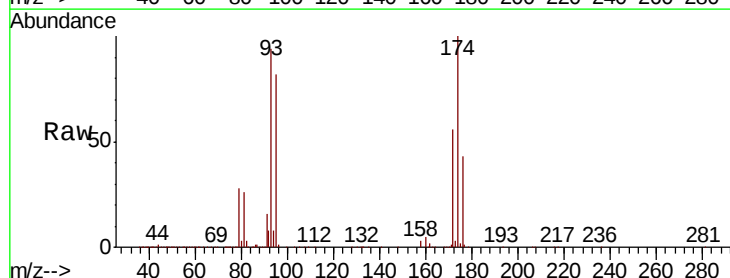
Tgt Ion: 93 Resp: 159816

Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

174 108.7 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

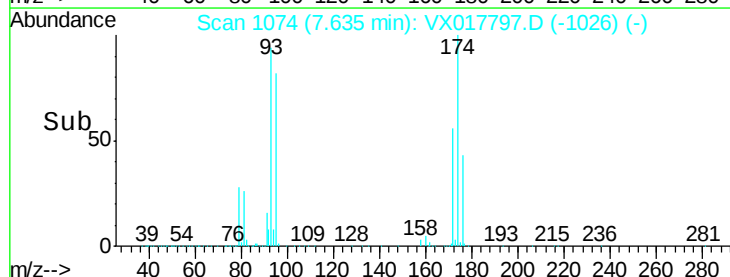
60000

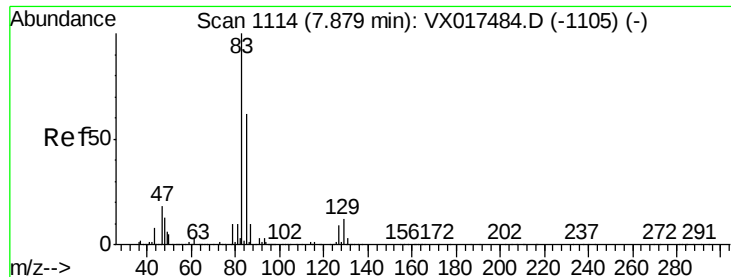
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 56.323 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

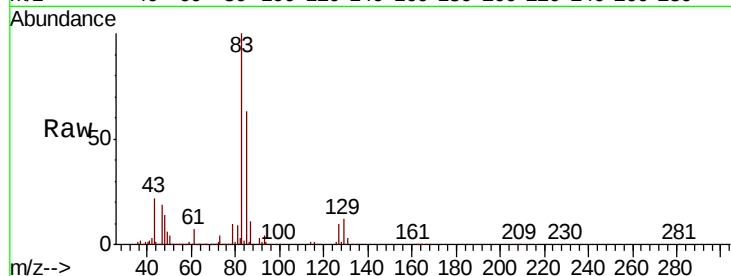
Tot Ion: 83 Resp: 353649

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

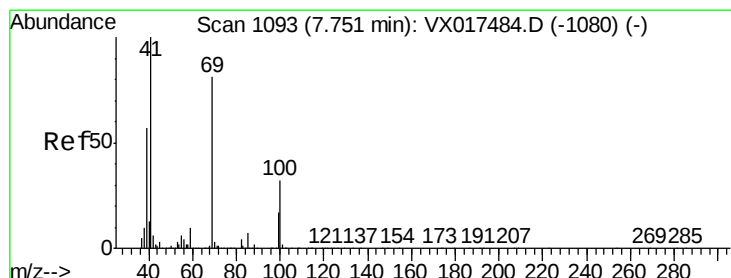
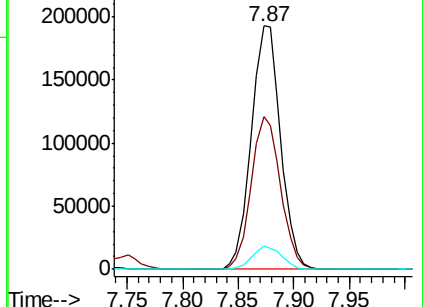
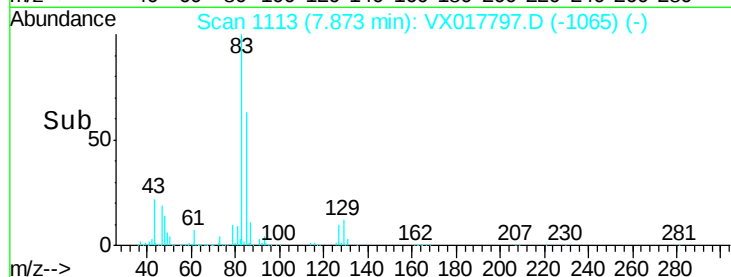
127 9.7 7.4 11.2



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: 54.051 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

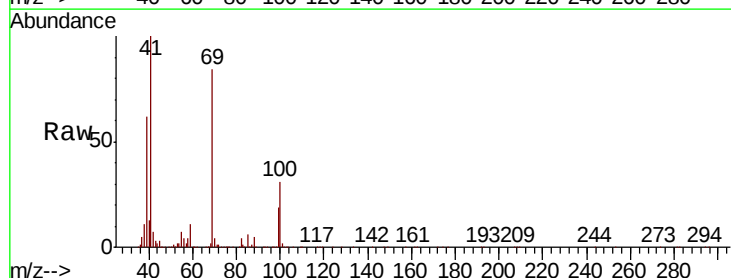
Tgt Ion: 41 Resp: 268729

Ion Ratio Lower Upper

41 100

69 82.2 63.1 94.7

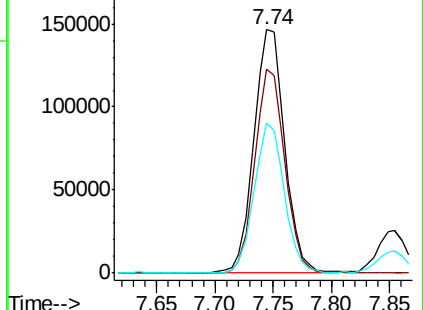
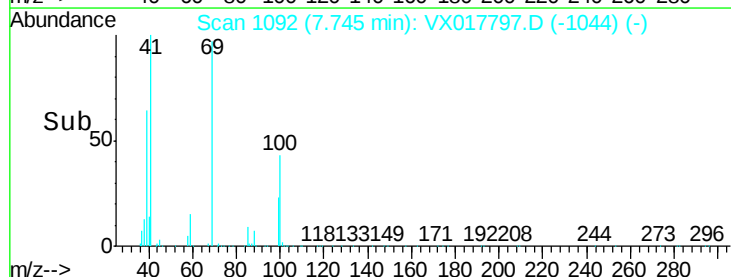
39 59.8 45.1 67.7

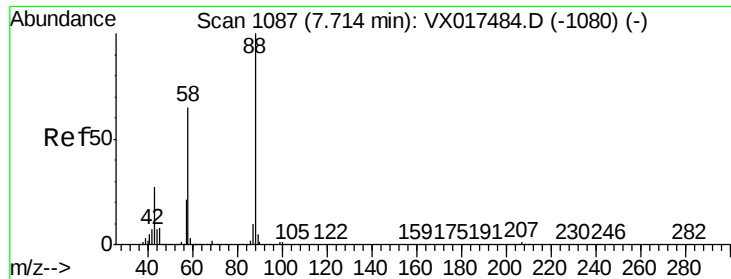


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

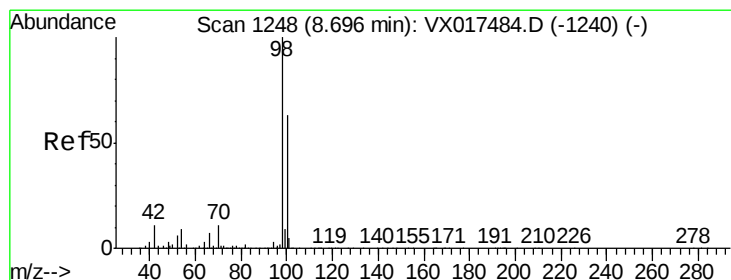
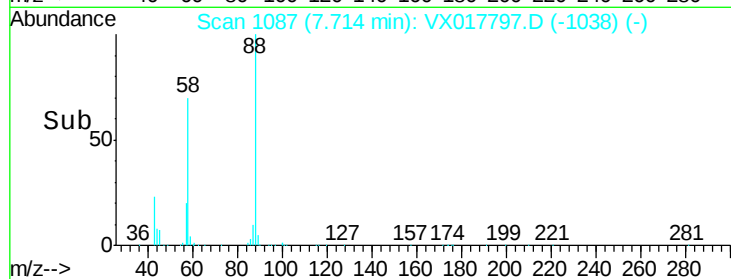
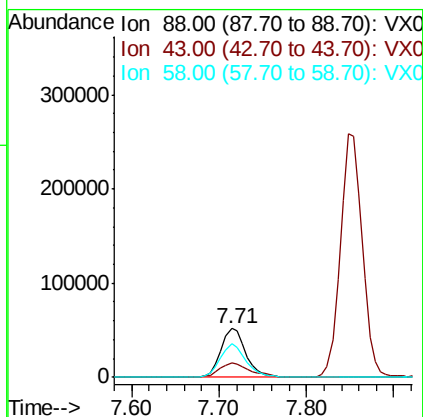
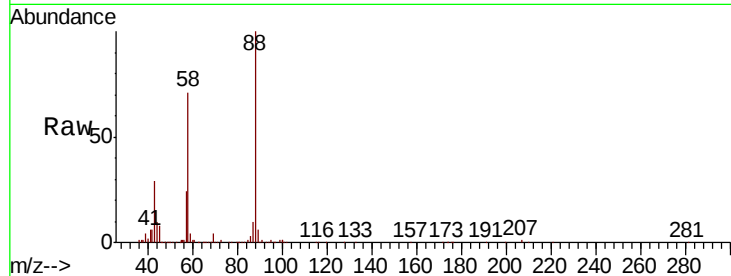




#49
 1,4-Dioxane
 Concen: 1086.968 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

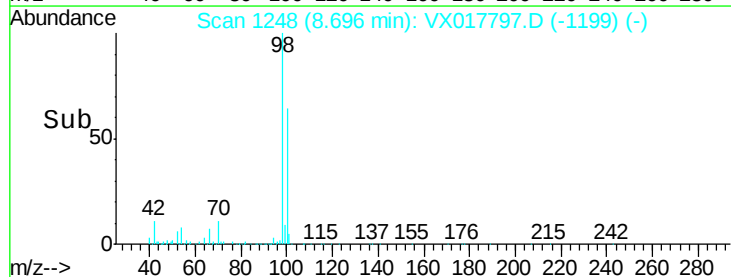
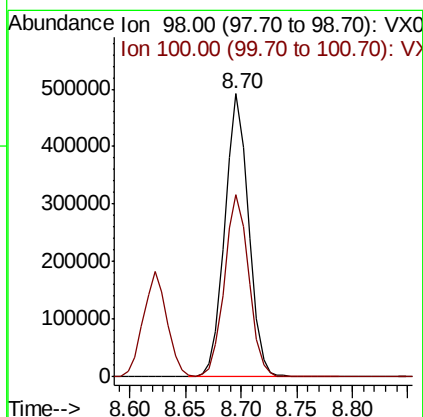
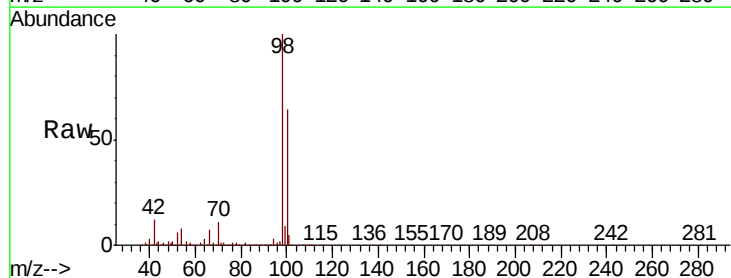
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

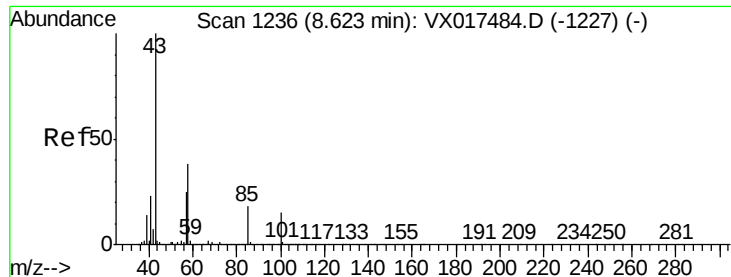
Tot Ion	88	Resp	103610
Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.8	41.6
58	69.9	58.3	87.5



#50
 Toluene-d8
 Concen: 52.050 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	98	Resp	727465
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 294.629 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

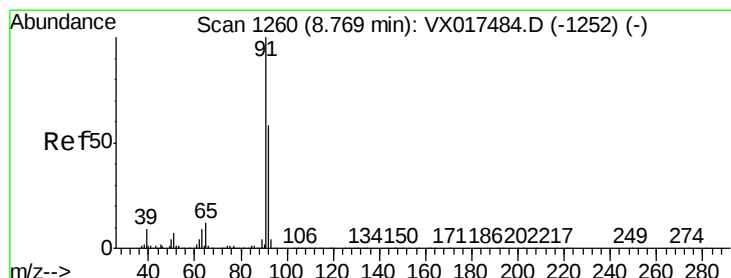
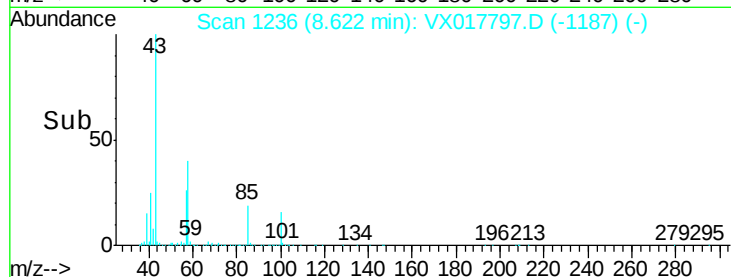
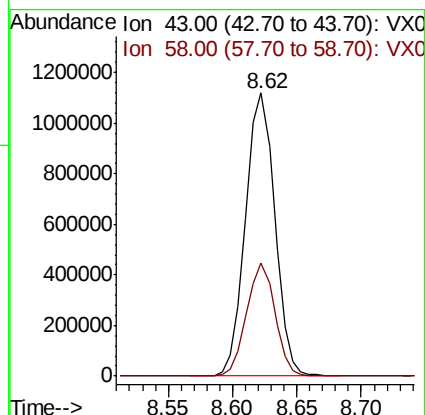
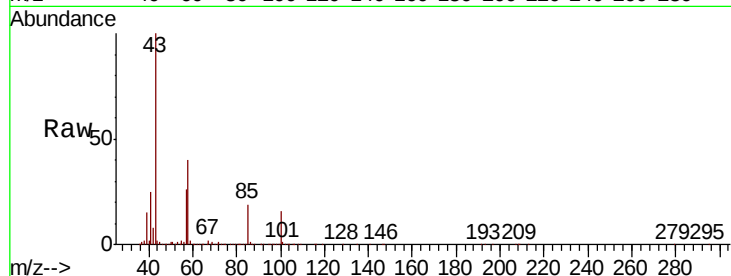
VSTDCCC050

Tot Ion: 43 Resp: 1763197

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



#52

Toluene

Concen: 53.373 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017797.D

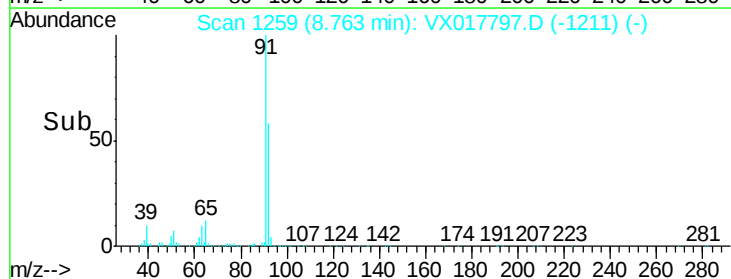
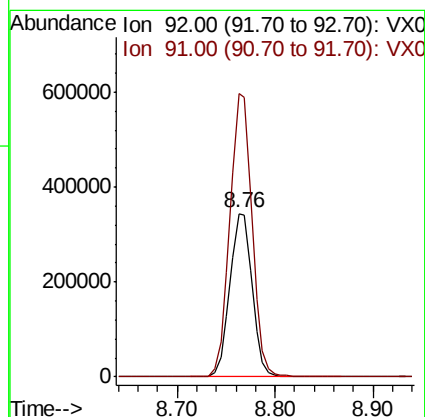
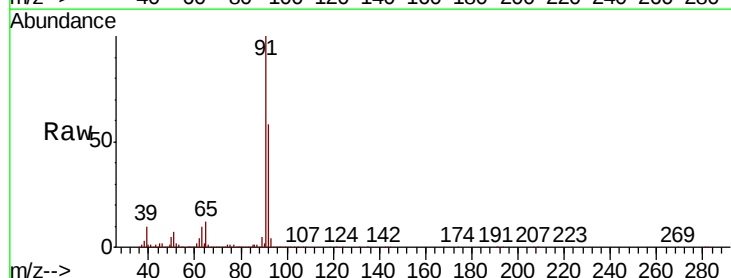
Acq: 06 Aug 2020 10:08

Tgt Ion: 92 Resp: 545210

Ion Ratio Lower Upper

92 100

91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 55.590 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

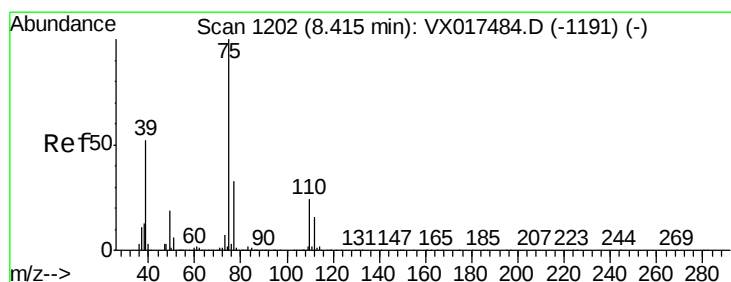
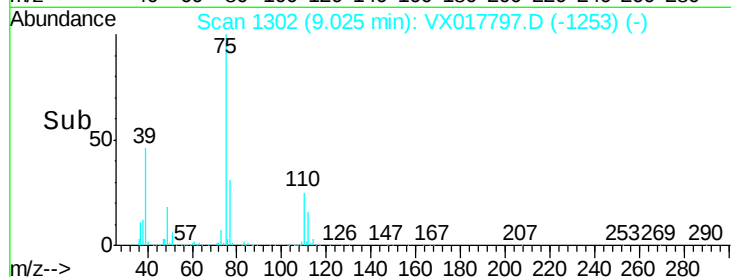
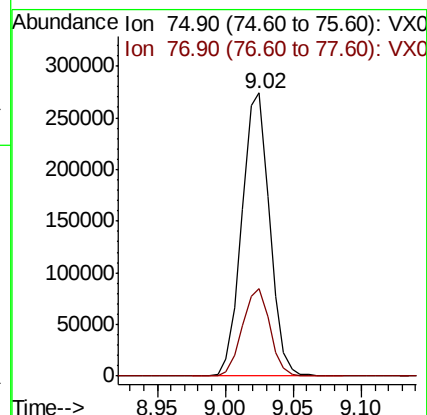
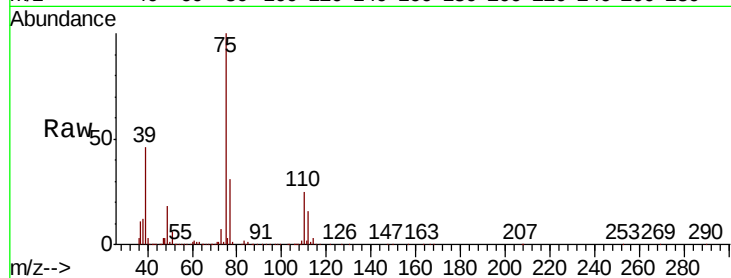
VSTDCCC050

Tot Ion: 75 Resp: 390733

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 59.543 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

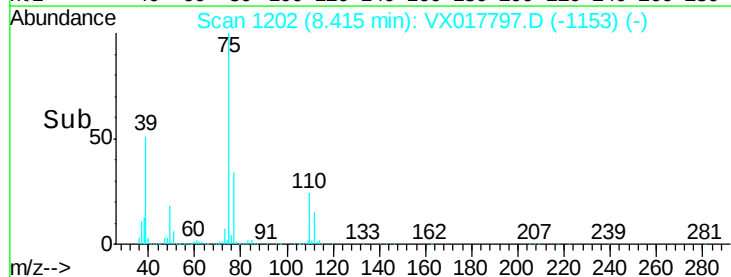
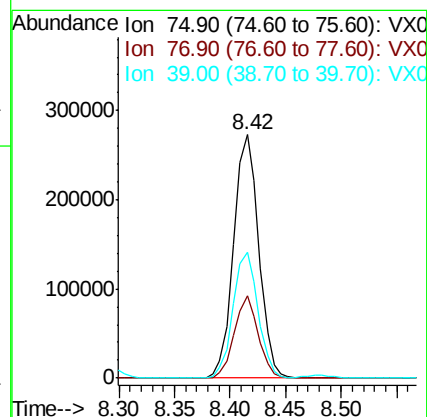
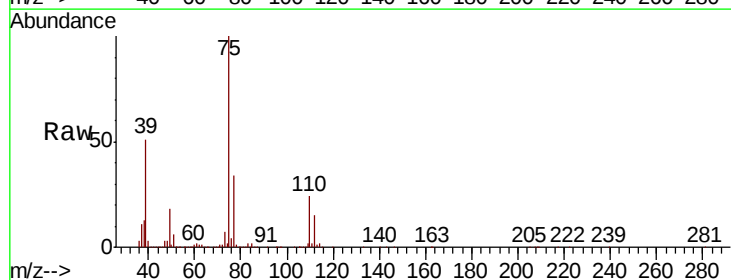
Tgt Ion: 75 Resp: 426886

Ion Ratio Lower Upper

75 100

77 33.9 25.5 38.3

39 51.4 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 56.333 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 239717

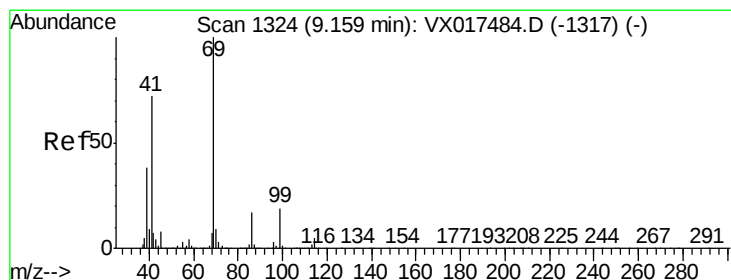
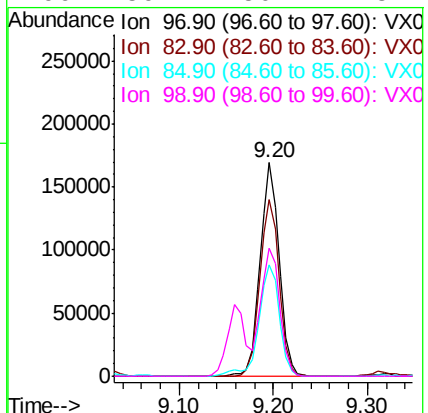
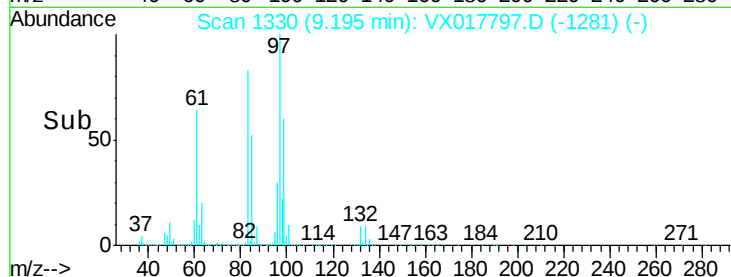
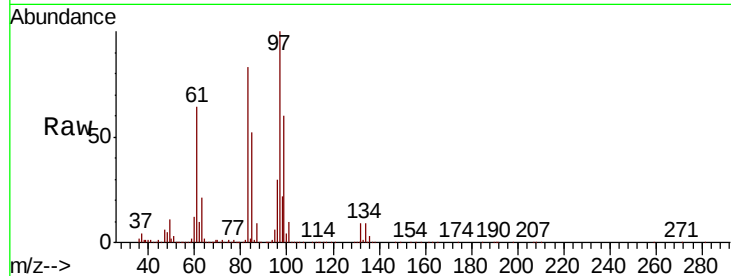
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	52.2	44.6	67.0
99	59.7	50.2	75.4

97 100

83 82.8 67.6 101.4

85 52.2 44.6 67.0

99 59.7 50.2 75.4



#56

Ethyl methacrylate

Concen: 57.936 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

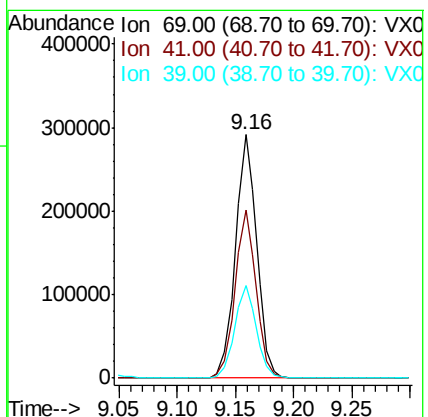
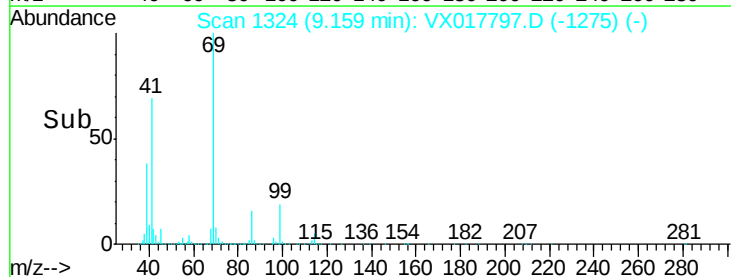
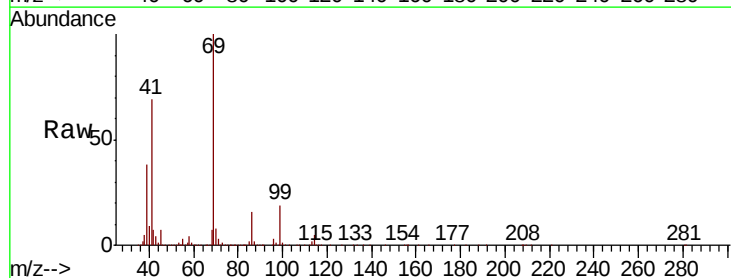
Tgt Ion: 69 Resp: 371433

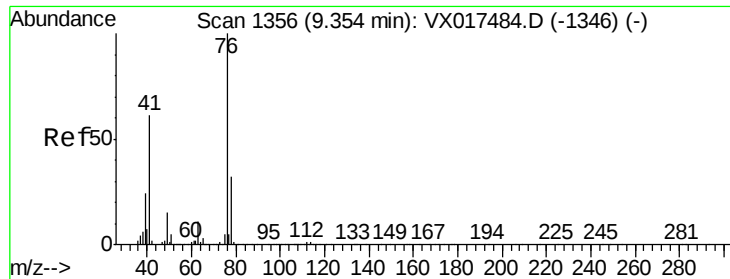
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.0	82.6
39	38.7	30.0	45.0

69 100

41 68.1 55.0 82.6

39 38.7 30.0 45.0





#57

1,3-Dichloropropane

Concen: 53.809 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

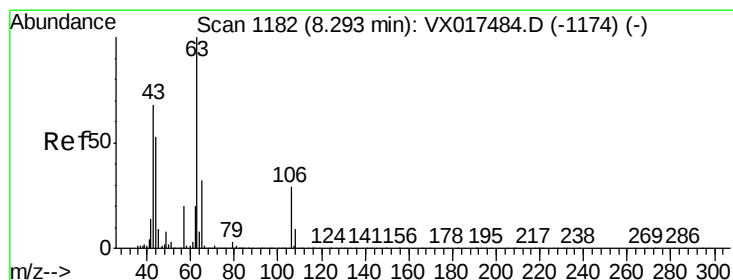
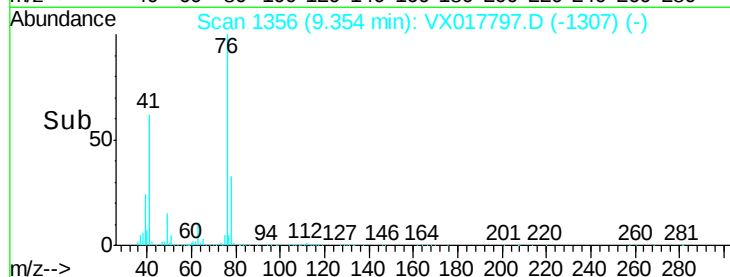
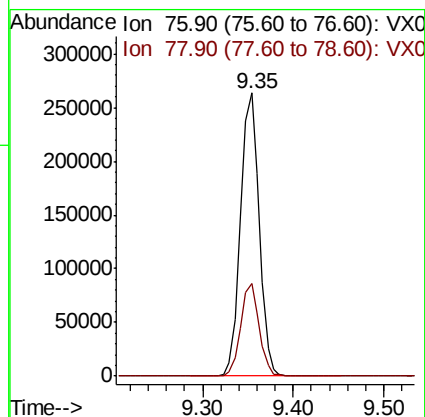
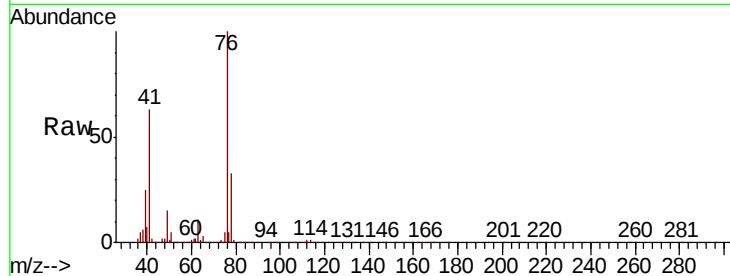
VSTDCCC050

Tot Ion: 76 Resp: 377043

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.703 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017797.D

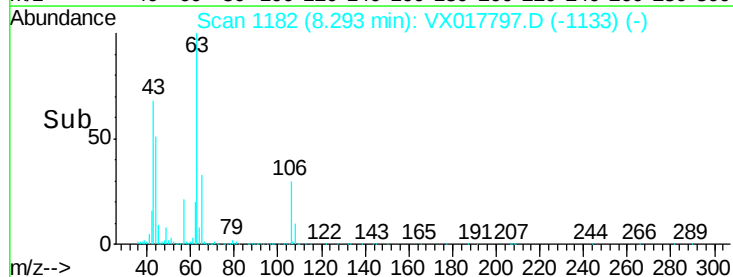
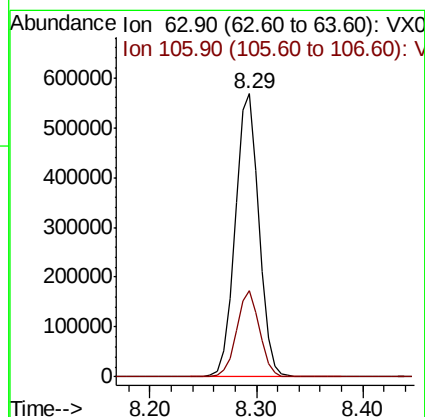
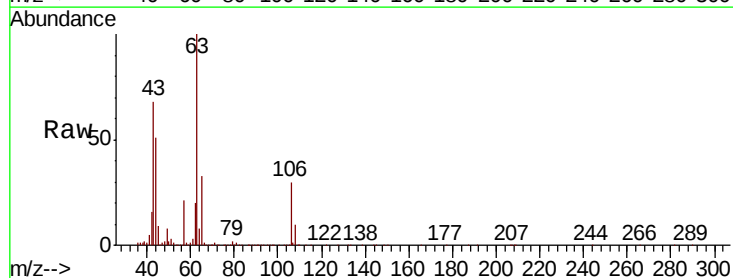
Acq: 06 Aug 2020 10:08

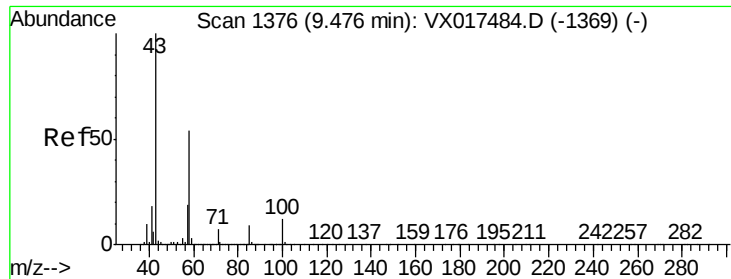
Tgt Ion: 63 Resp: 883941

Ion Ratio Lower Upper

63 100

106 29.5 22.6 34.0

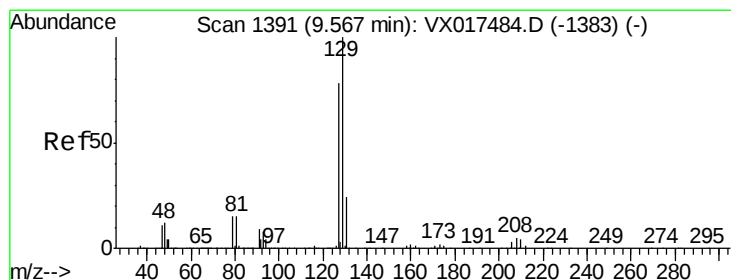
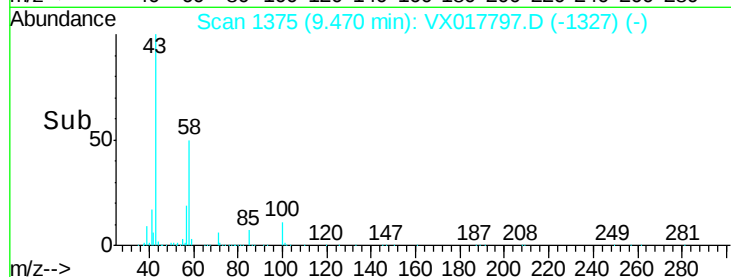
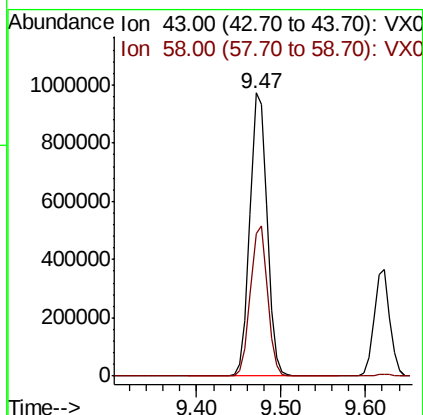
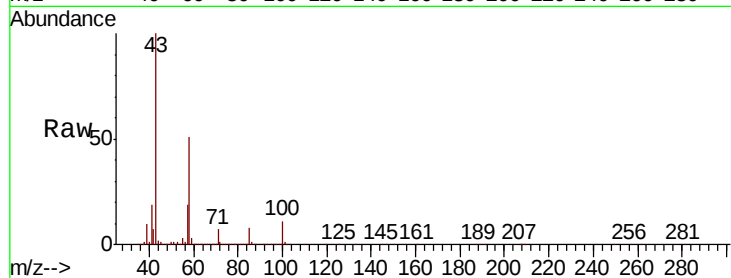




#59
2-Hexanone
Concen: 293.632 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

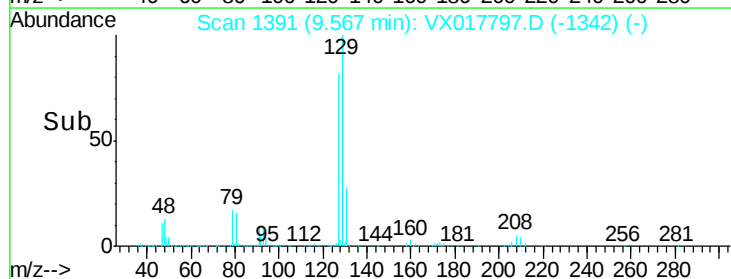
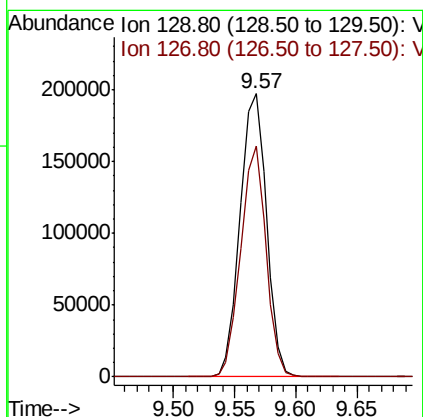
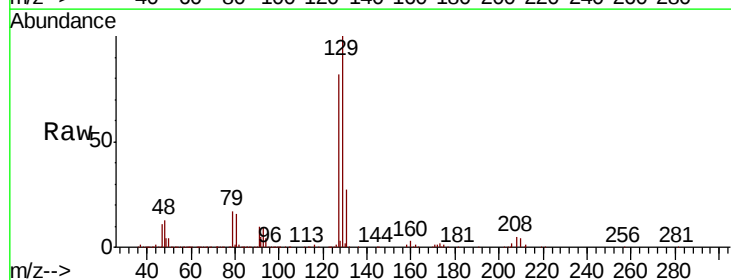
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

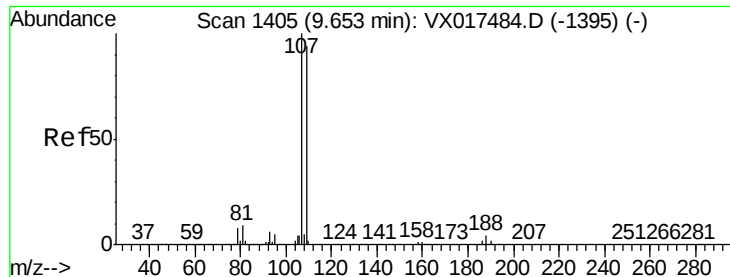
Tot Ion: 43 Resp: 1323000
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8



#60
Dibromochloromethane
Concen: 54.771 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 129 Resp: 296239
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 61.469 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

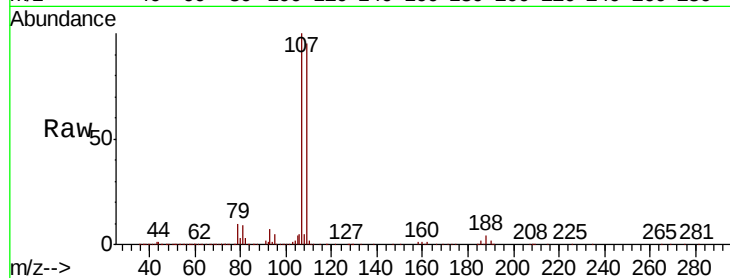
VSTDCCC050

Tot Ion:107 Resp: 278485

Ion Ratio Lower Upper

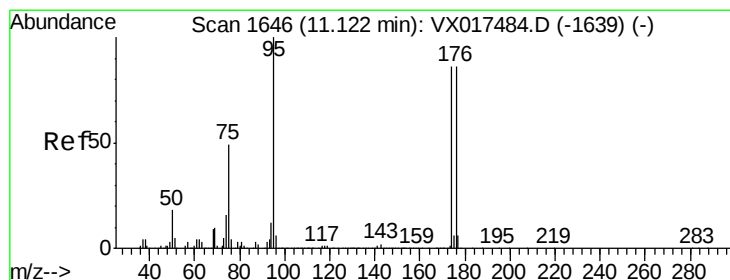
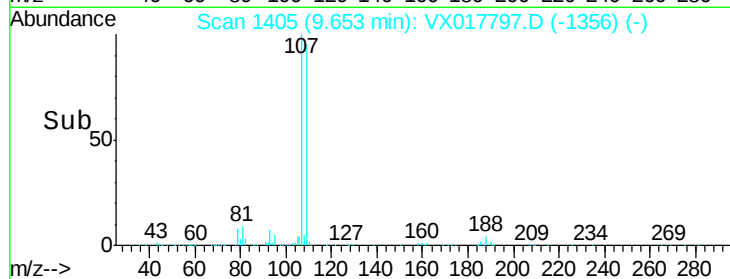
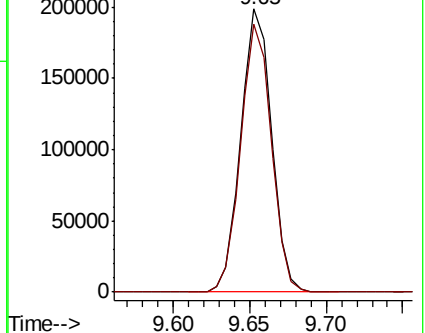
107 100

109 94.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.426 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

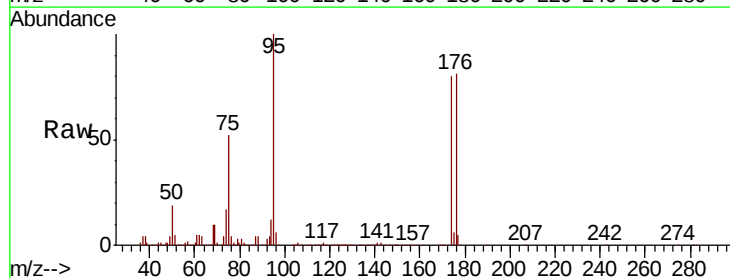
Tgt Ion: 95 Resp: 276457

Ion Ratio Lower Upper

95 100

174 82.5 0.0 169.0

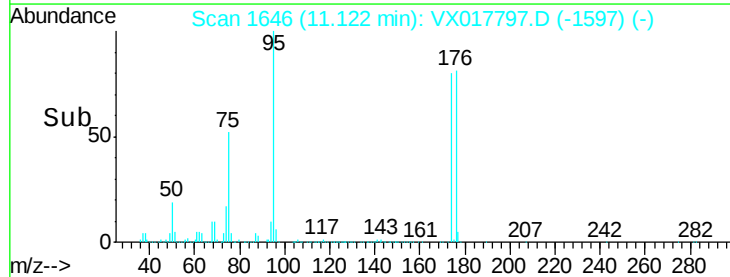
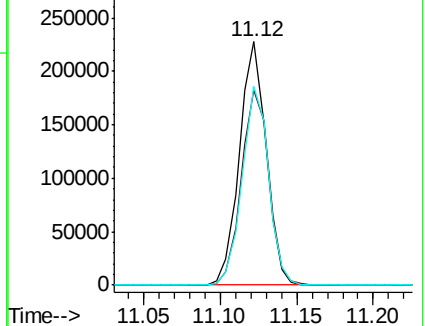
176 80.5 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

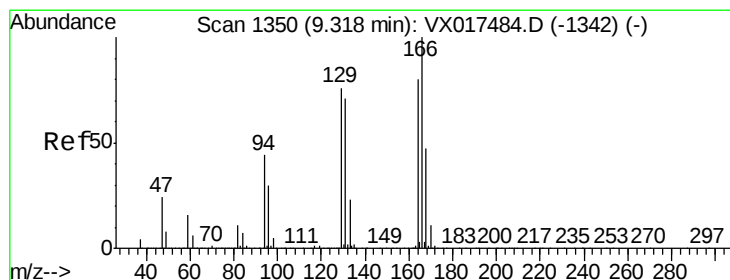
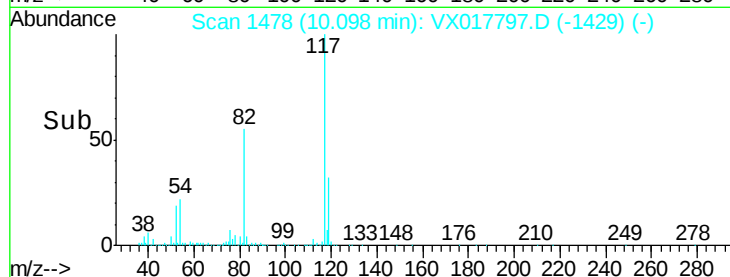
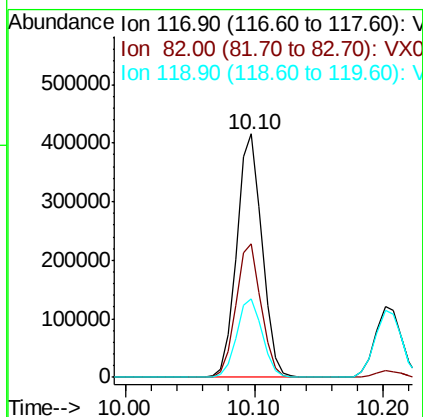
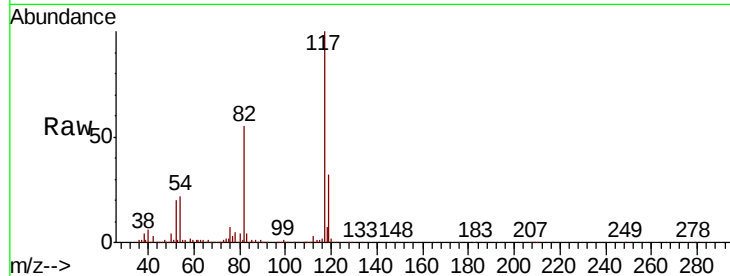




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

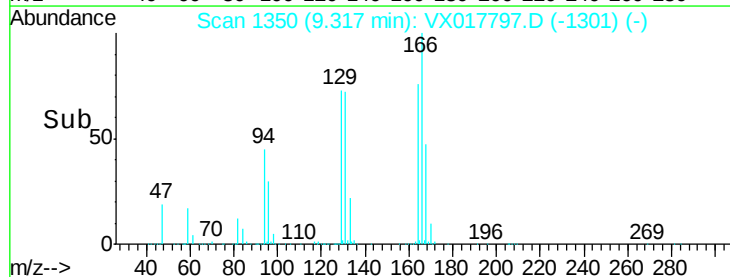
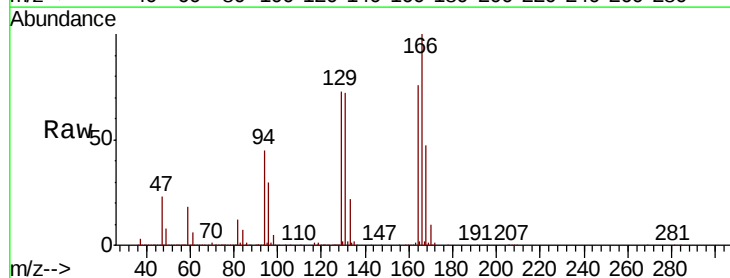
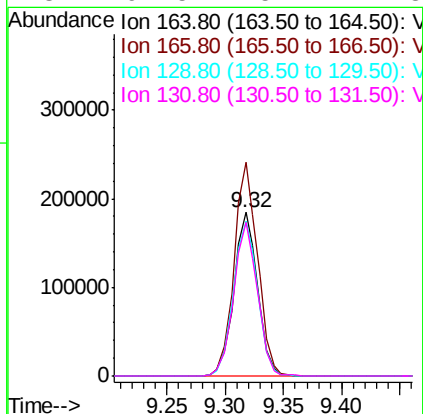
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:117 Resp: 564581
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 51.334 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion:164 Resp: 260126
Ion Ratio Lower Upper
164 100
166 130.8 100.6 150.8
129 95.0 75.0 112.6
131 94.5 75.2 112.8

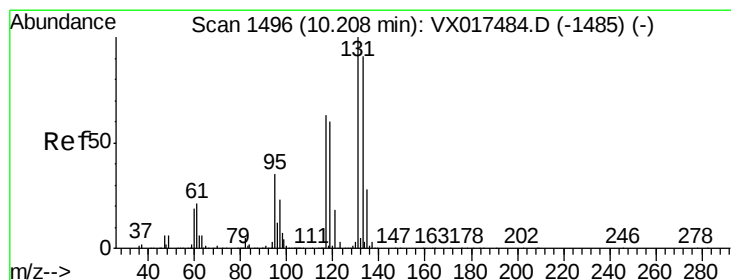
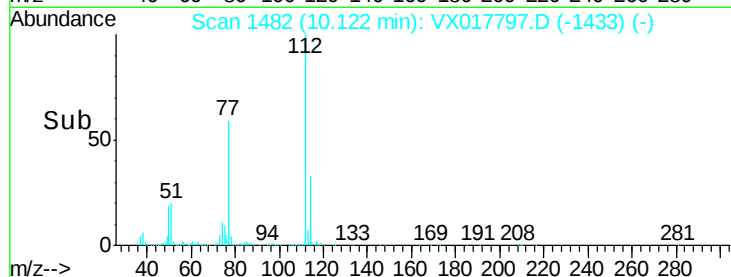
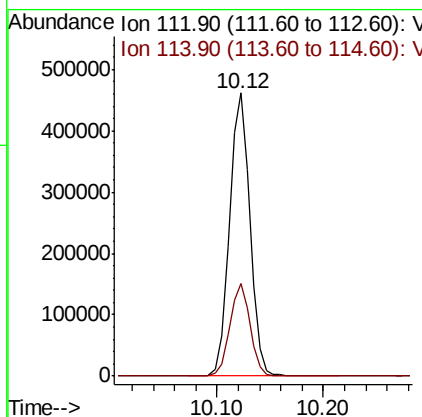
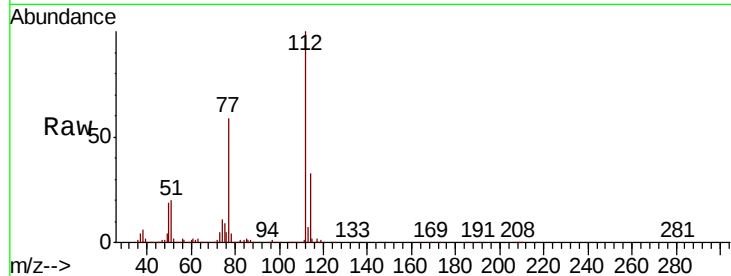




#65
Chlorobenzene
Concen: 50.759 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

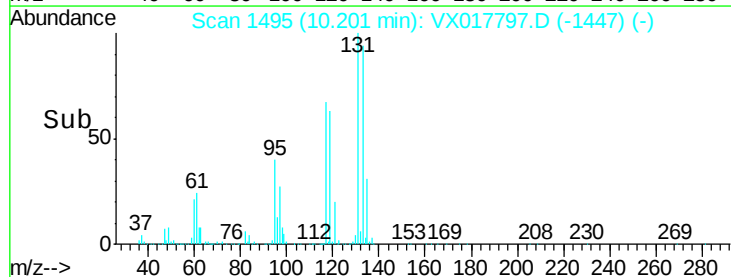
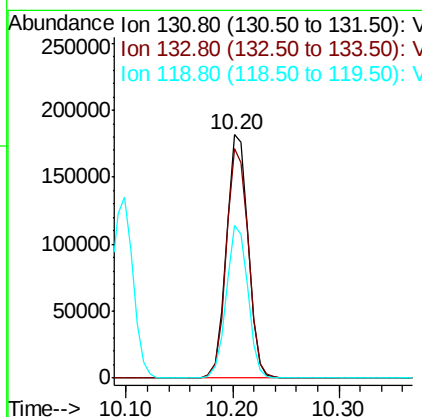
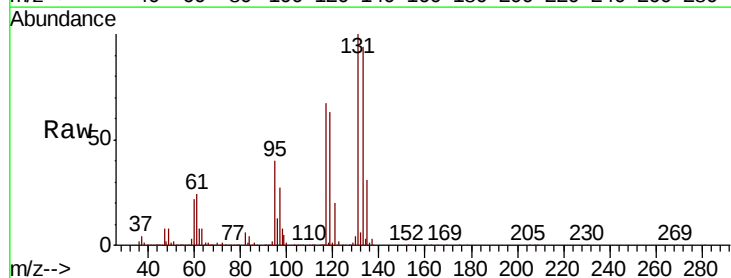
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

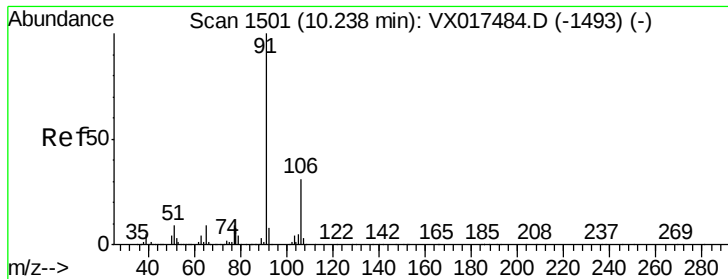
Tot Ion:112 Resp: 620302
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.674 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion:131 Resp: 259788
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.3 31.1 93.3





#67

Ethyl Benzene

Concen: 52.171 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

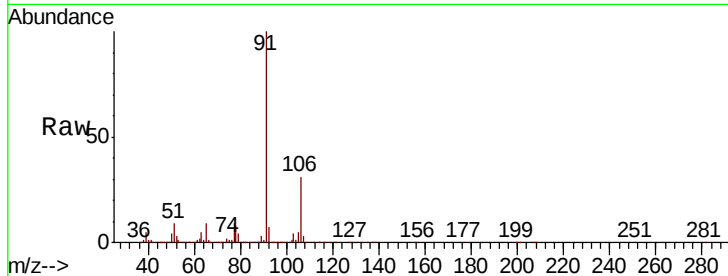
VSTDCCC050

Tot Ion: 91 Resp: 1064246

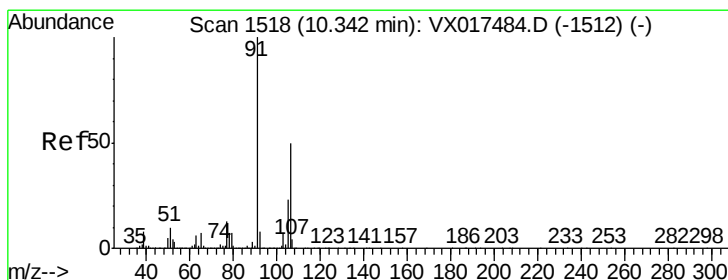
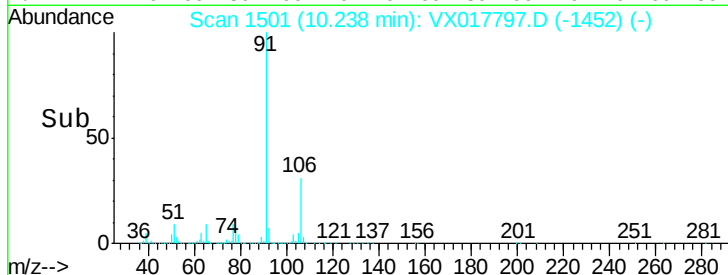
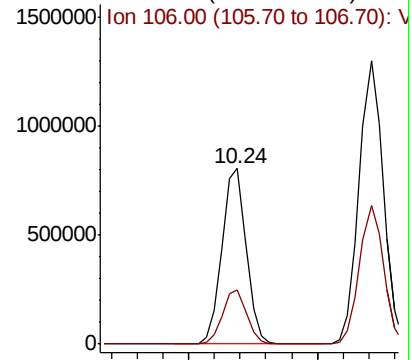
Ion Ratio Lower Upper

91 100

106 30.8 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX017797.D (-1452) (-)



#68

m/p-Xylenes

Concen: 103.765 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017797.D

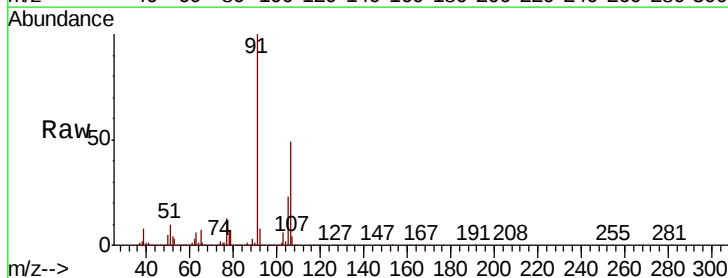
Acq: 06 Aug 2020 10:08

Tgt Ion: 106 Resp: 820015

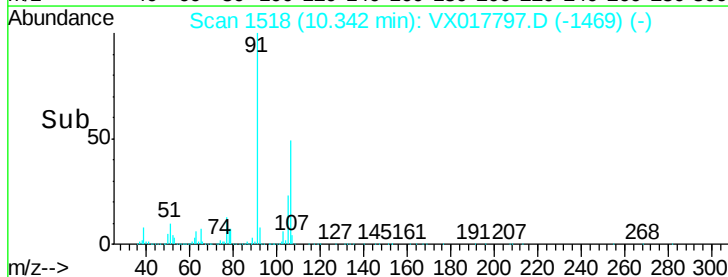
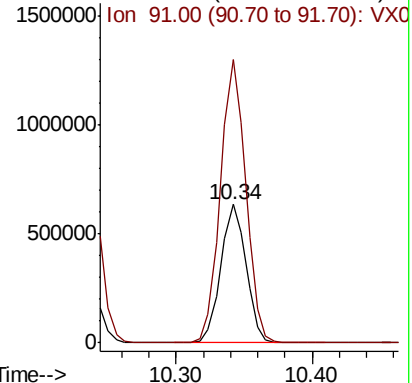
Ion Ratio Lower Upper

106 100

91 205.9 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX017797.D (-1469) (-)

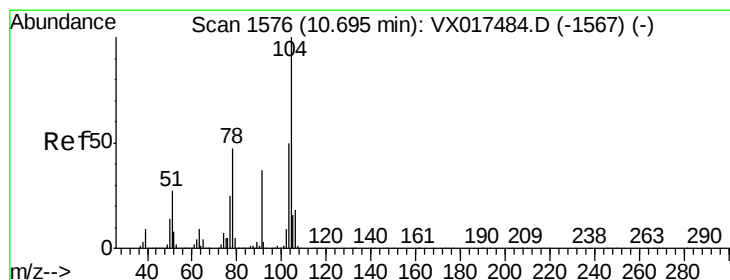
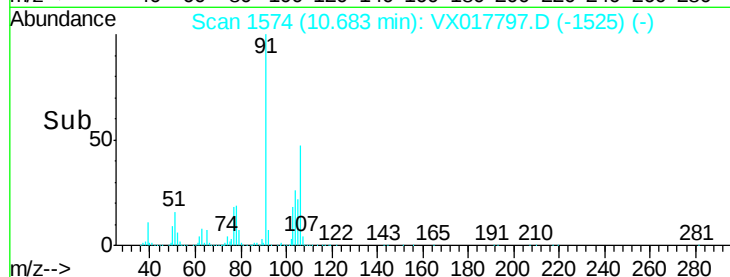
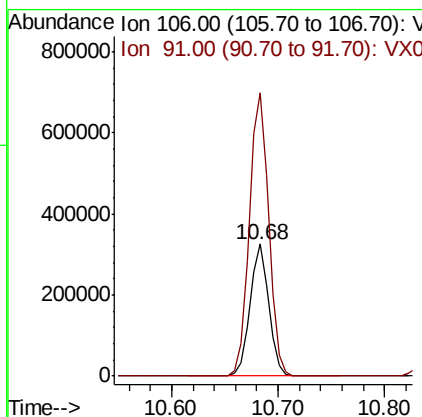
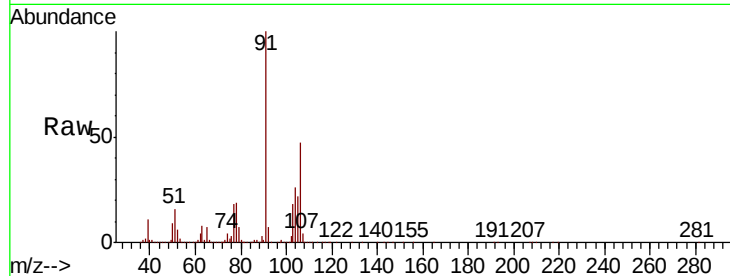




#69
o-Xylene
Concen: 52.964 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

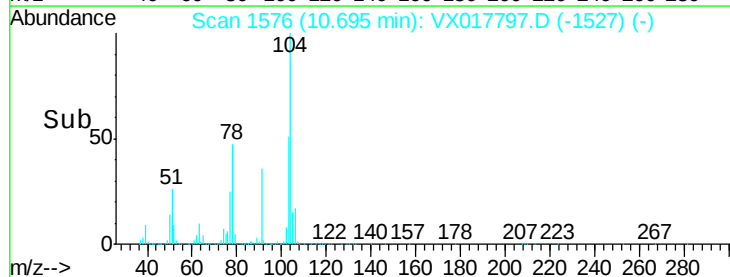
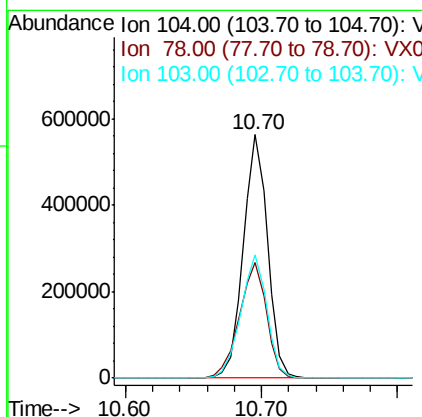
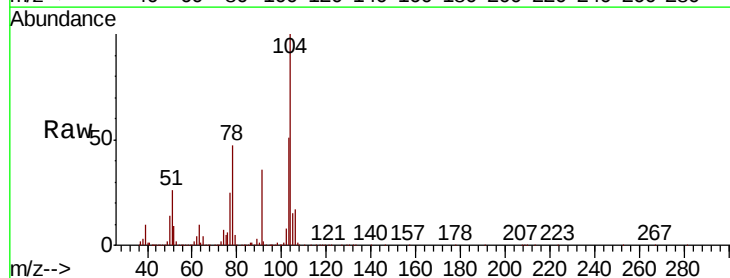
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

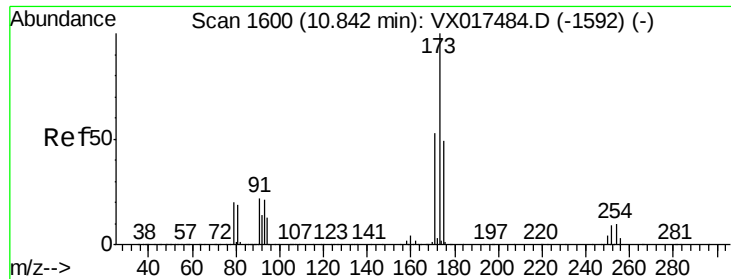
Tot Ion:106 Resp: 402554
Ion Ratio Lower Upper
106 100
91 221.7 108.2 324.6



#70
Styrene
Concen: 54.447 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion:104 Resp: 704087
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 54.7 44.3 66.5





#71

Bromoform

Concen: 51.761 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

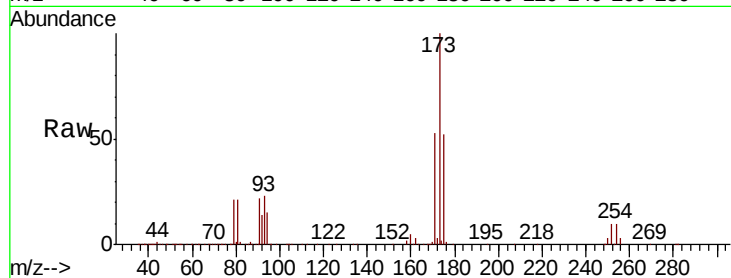
Tot Ion:173 Resp: 221174

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

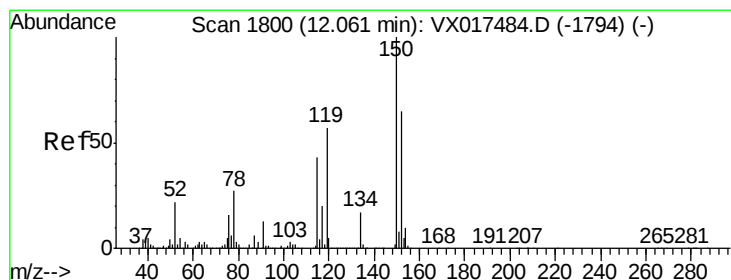
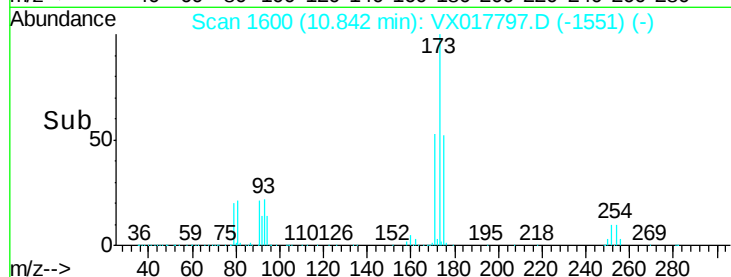
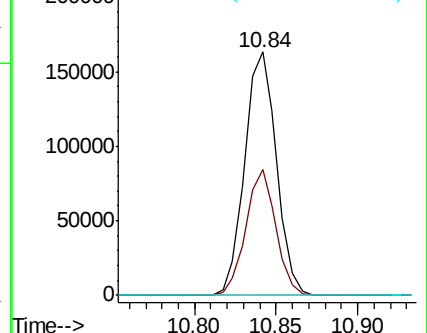
254 0.2 0.1 0.1#



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: VX017797.D

Acq: 06 Aug 2020 10:08

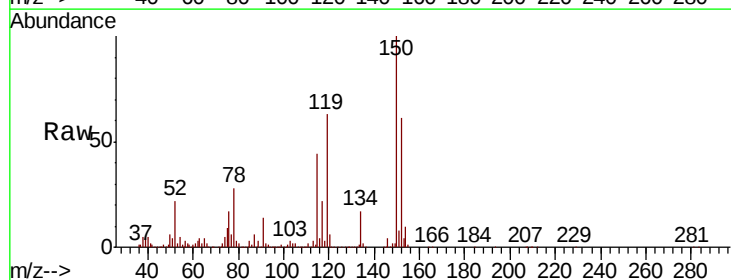
Tgt Ion:152 Resp: 293138

Ion Ratio Lower Upper

152 100

115 85.8 65.5 196.6

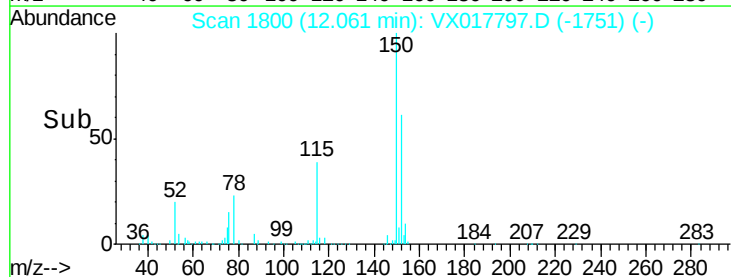
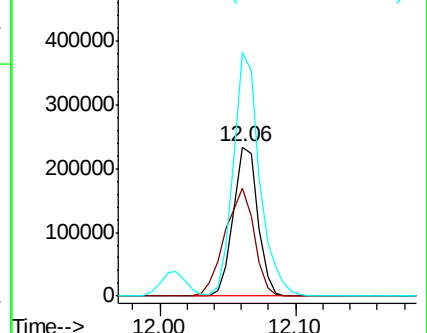
150 175.2 0.0 412.6

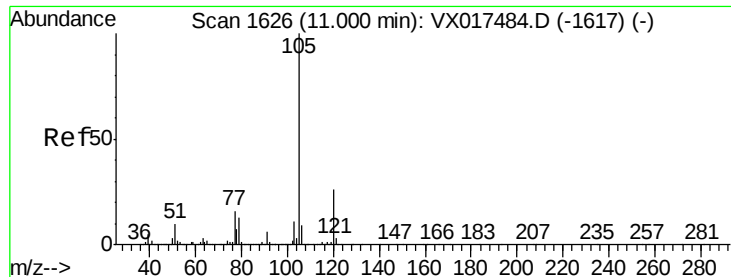


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.034 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

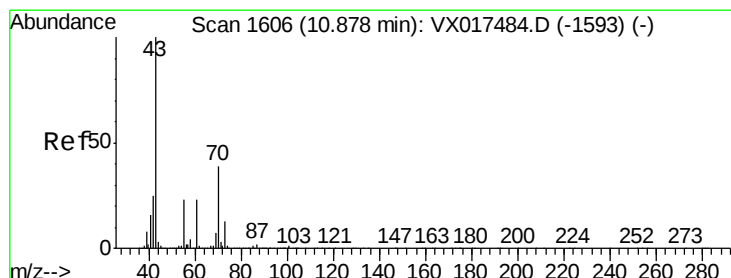
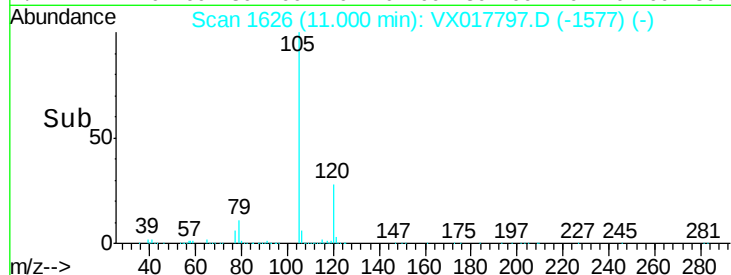
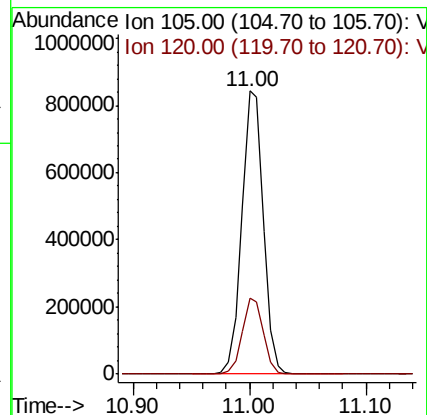
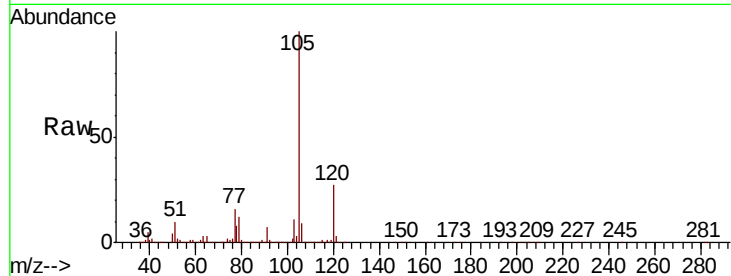
VSTDCCC050

Tot Ion:105 Resp: 1086622

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 53.778 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion: 43 Resp: 480500

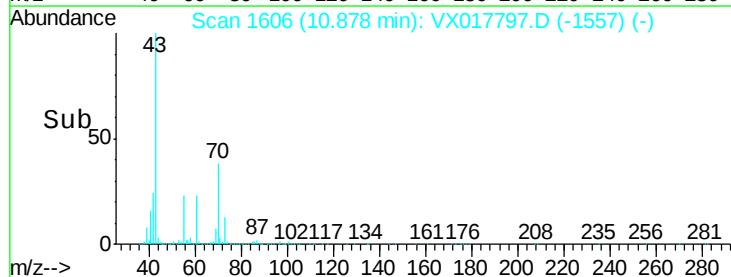
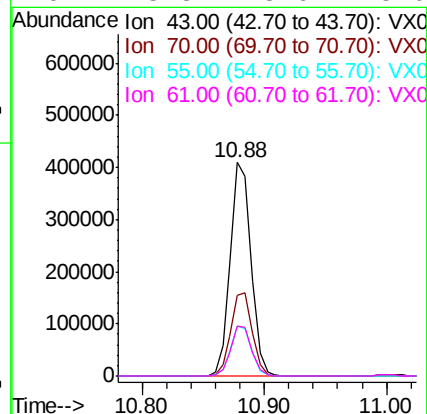
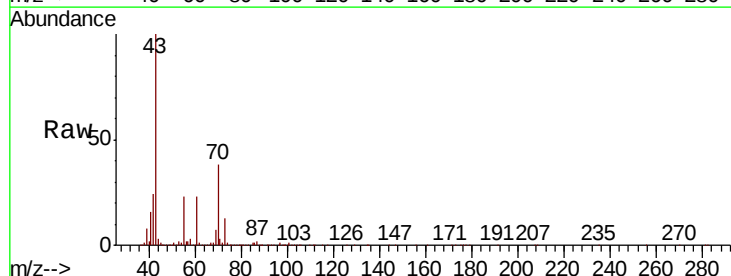
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 23.3 18.4 27.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.886 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

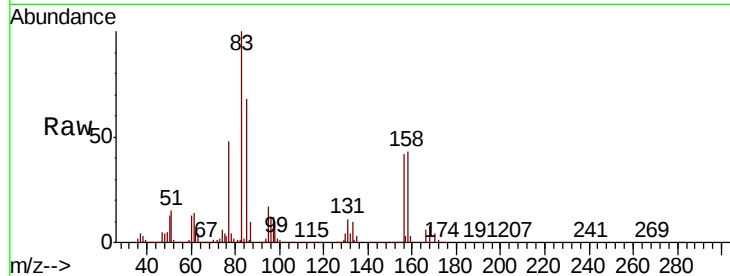
Tot Ion: 83 Resp: 350796

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

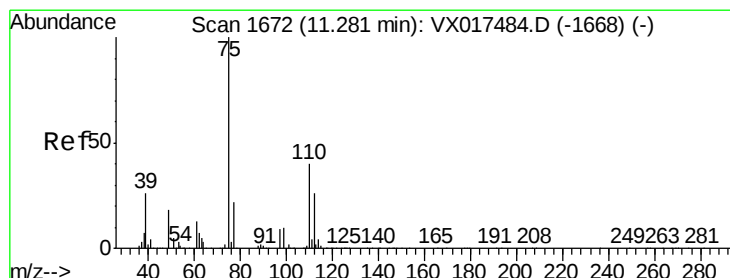
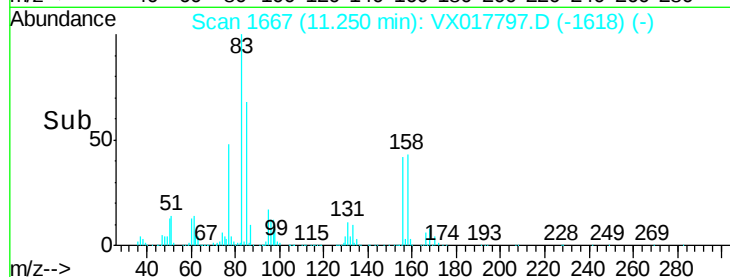
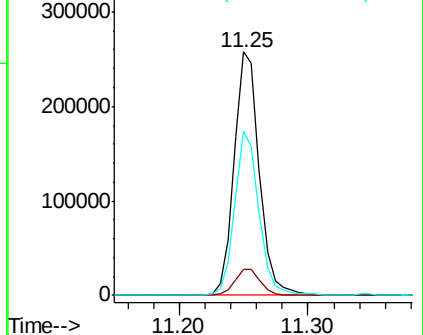
85 65.2 32.1 96.3



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: 76.694 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017797.D

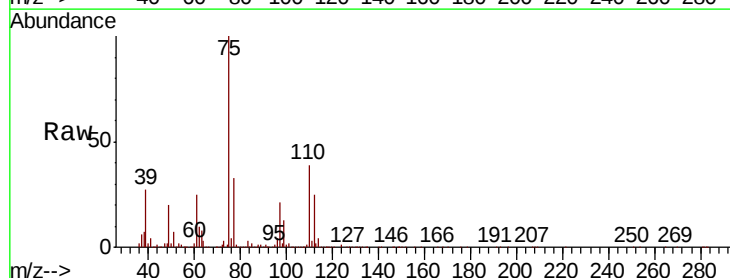
Acq: 06 Aug 2020 10:08

Tgt Ion: 75 Resp: 462462

Ion Ratio Lower Upper

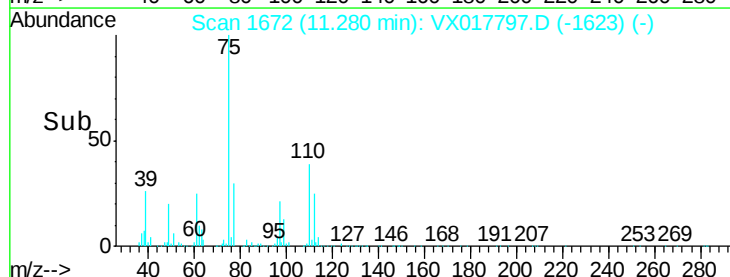
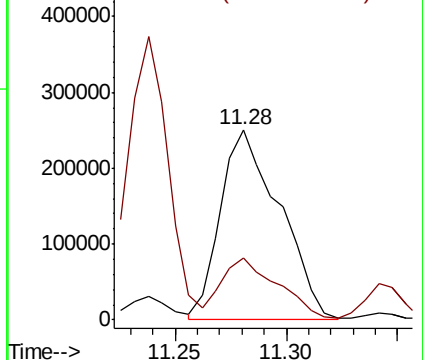
75 100

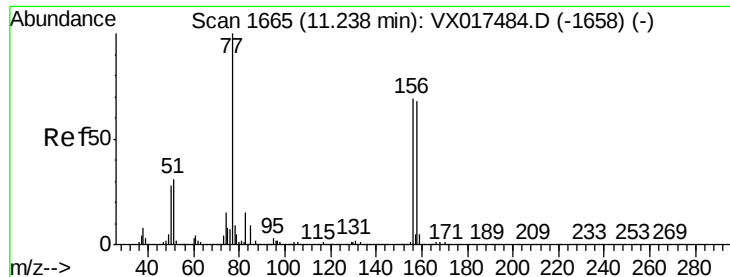
77 31.1 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.144 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

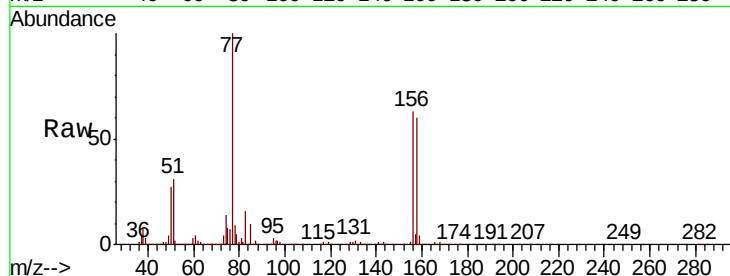
Tot Ion:156 Resp: 304817

Ion Ratio Lower Upper

156 100

77 155.8 75.0 225.0

158 96.9 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

500000

400000

300000

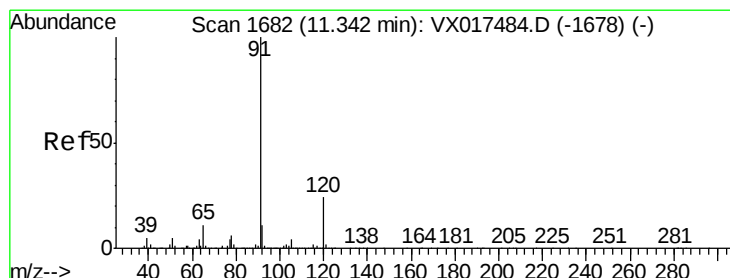
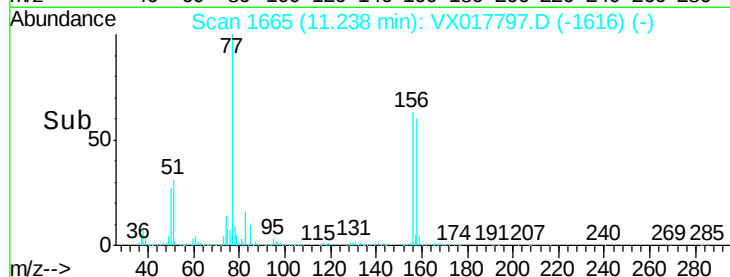
200000

100000

0

11.20 11.24 11.30

Time-->



#78

n-propylbenzene

Concen: 60.084 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017797.D

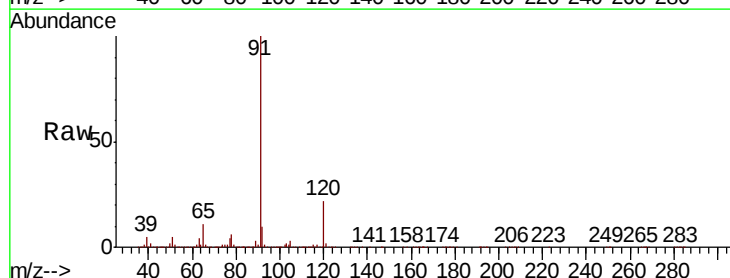
Acq: 06 Aug 2020 10:08

Tgt Ion: 91 Resp: 1362749

Ion Ratio Lower Upper

91 100

120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

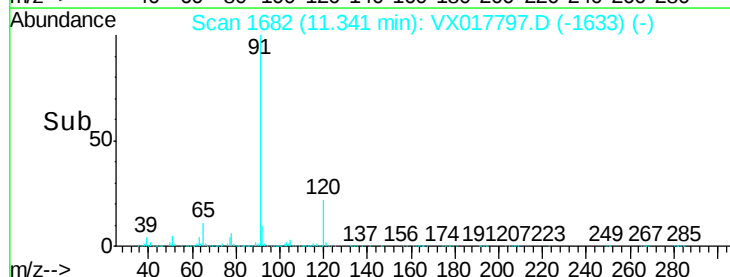
400000

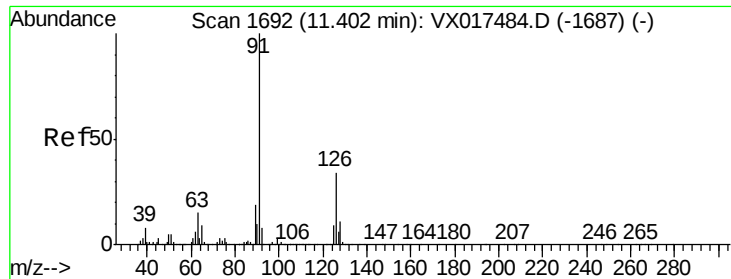
200000

0

11.30 11.34 11.35

Time-->

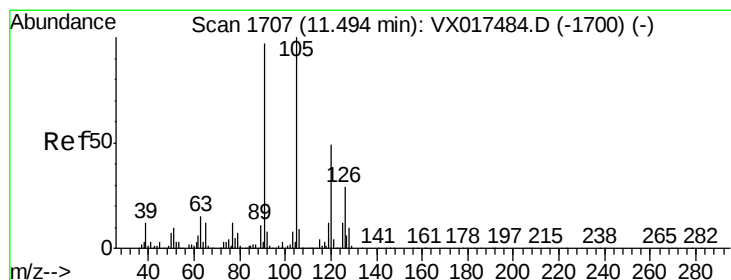
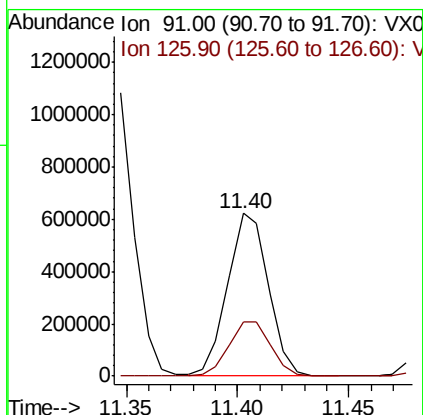
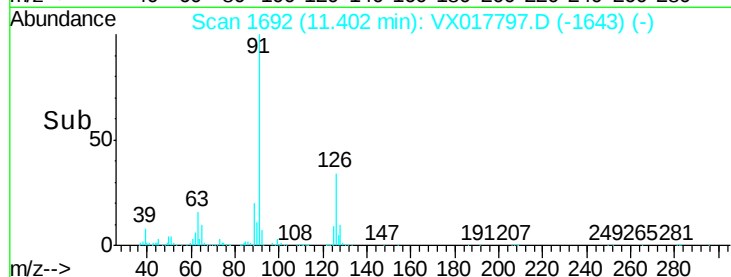
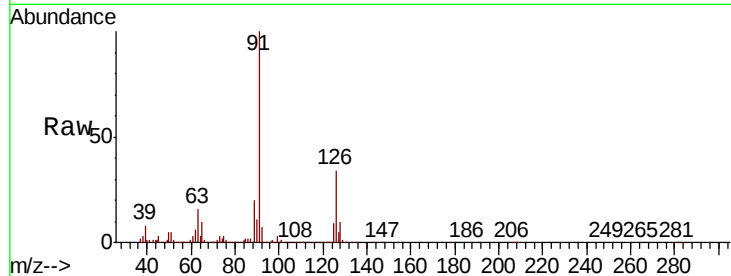




#79
 2-Chlorotoluene
 Concen: 56.200 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

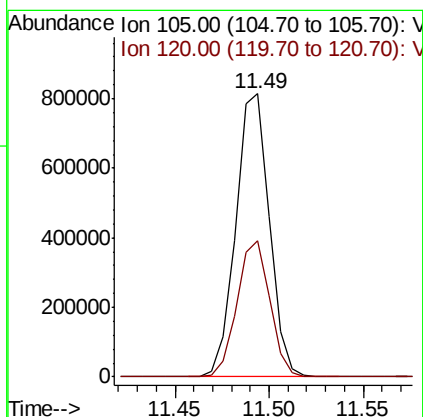
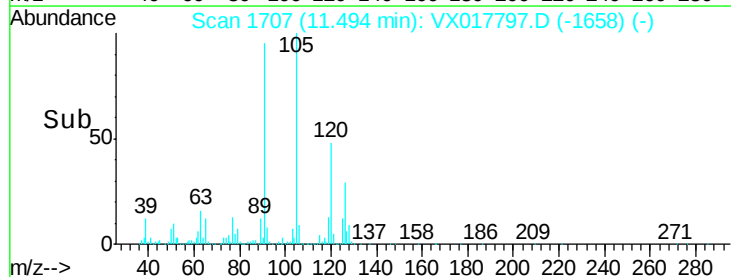
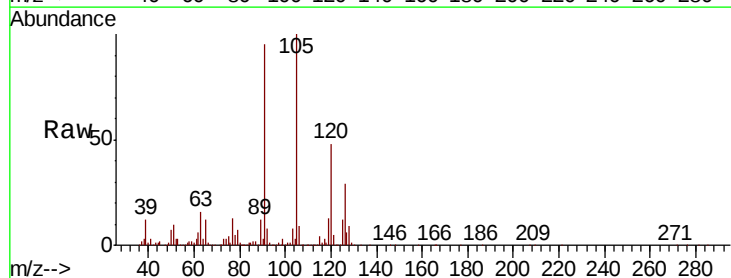
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 789593
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 58.499 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion: 105 Resp: 1004420
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 53.905 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

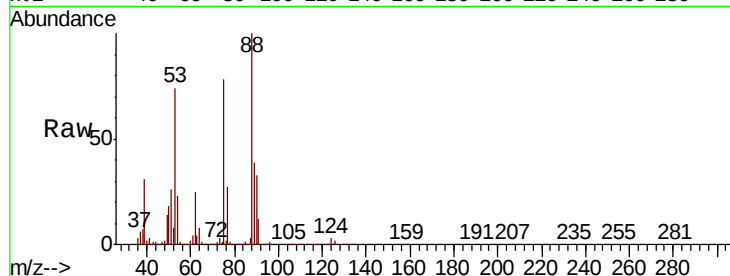
Tot Ion: 75 Resp: 128997

Ion Ratio Lower Upper

75 100

53 99.4 75.9 113.9

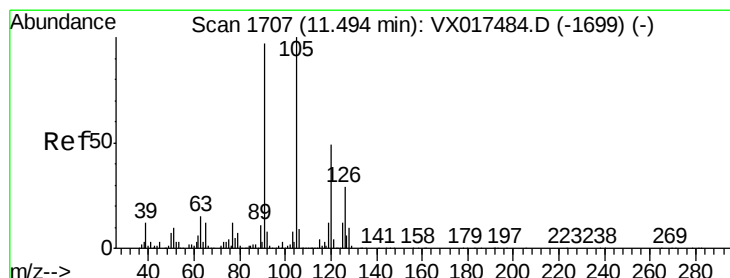
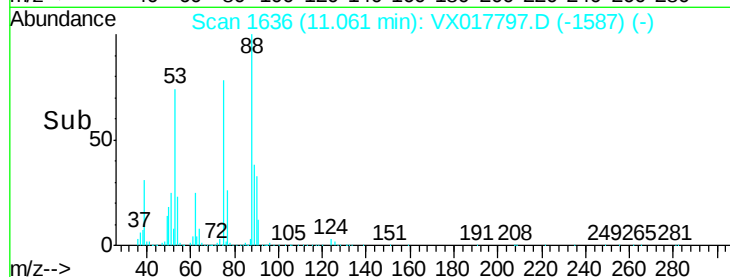
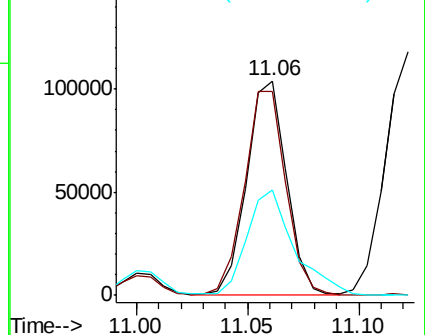
89 59.1 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 57.129 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017797.D

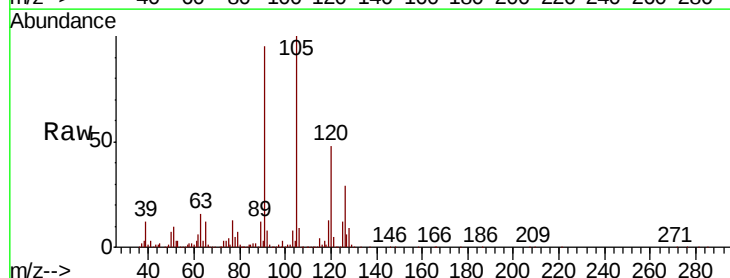
Acq: 06 Aug 2020 10:08

Tgt Ion: 91 Resp: 946808

Ion Ratio Lower Upper

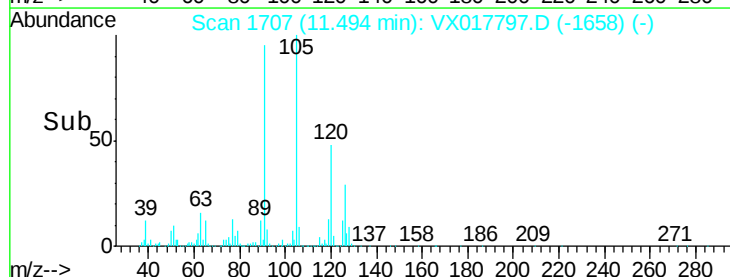
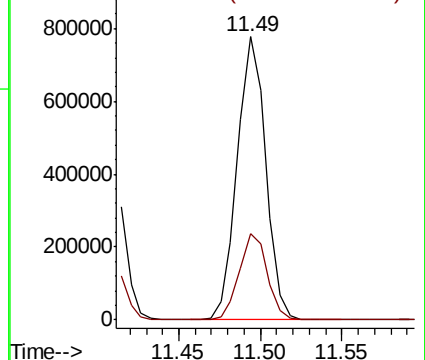
91 100

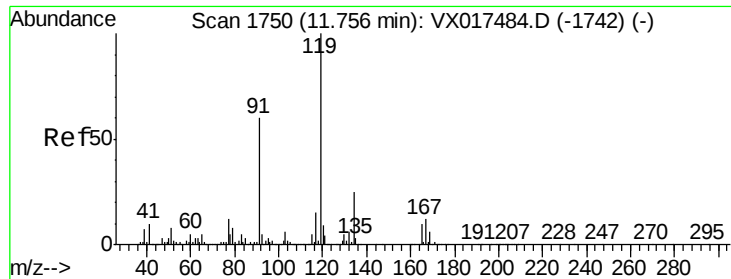
126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

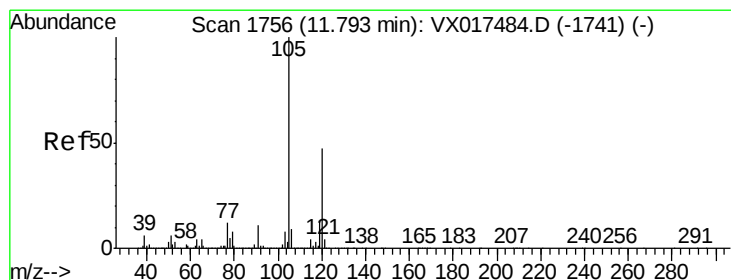
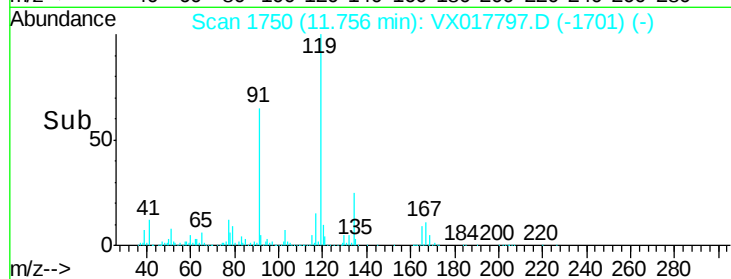
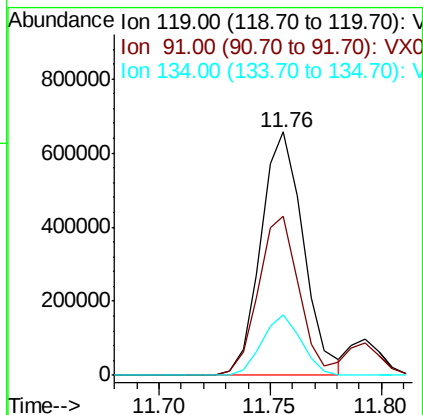
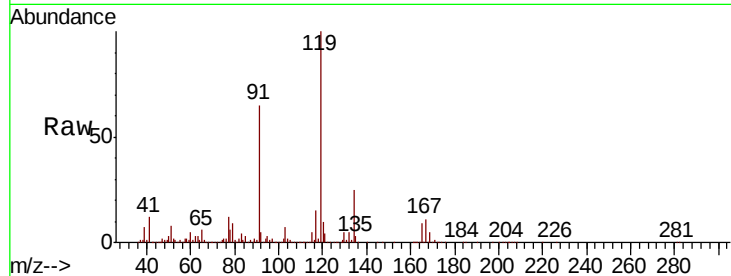




#83
 tert-Butylbenzene
 Concen: 53.190 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

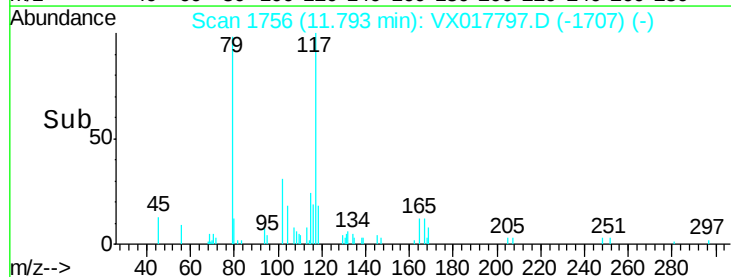
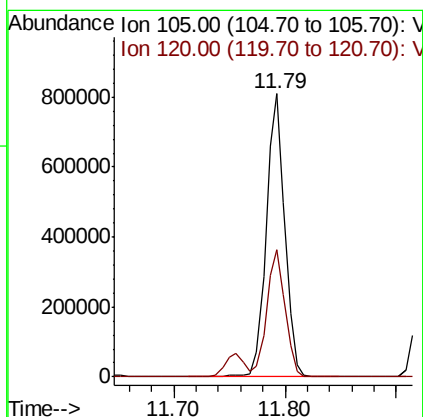
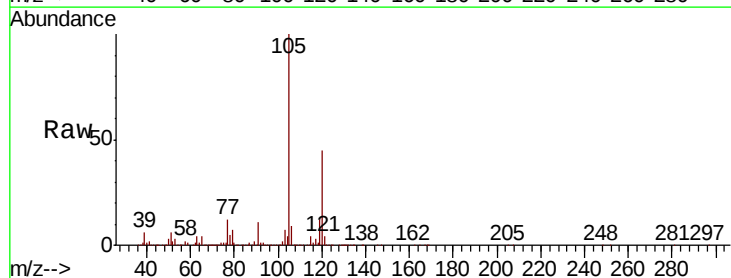
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

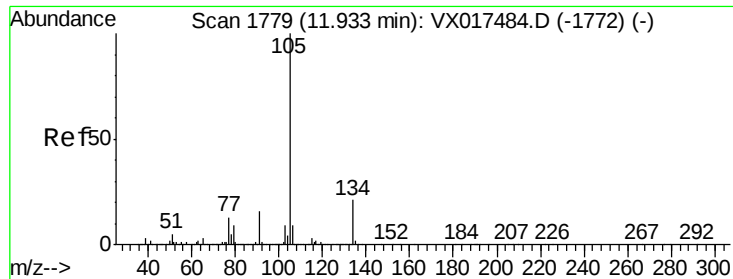
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	29.3	88.0
134	23.2	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.145 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.0





#85

sec-Butylbenzene

Concen: 55.103 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

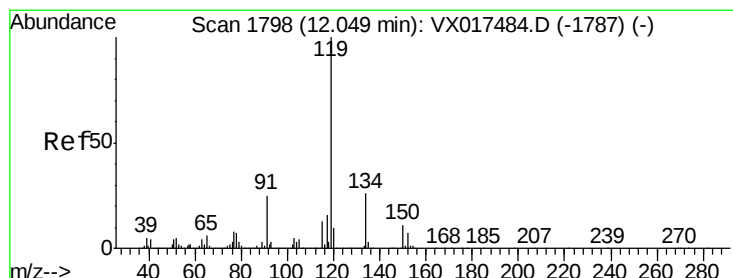
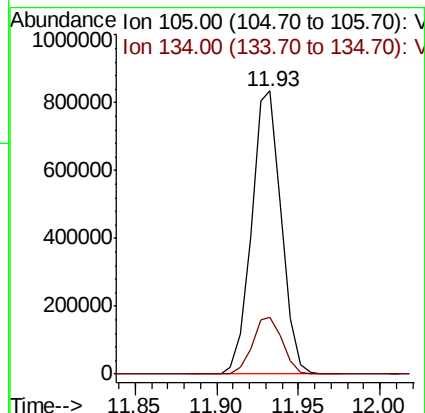
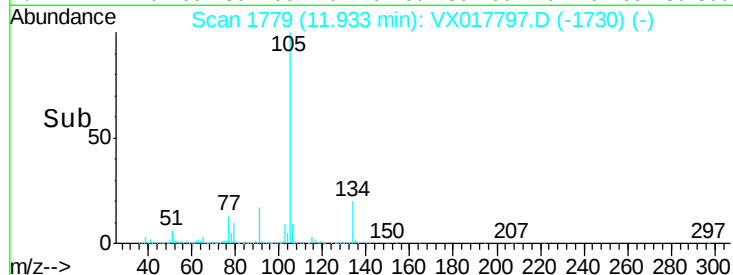
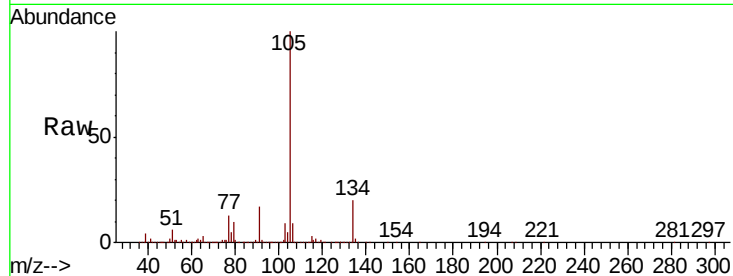
VSTDCCC050

Tot Ion:105 Resp: 1054596

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 54.379 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

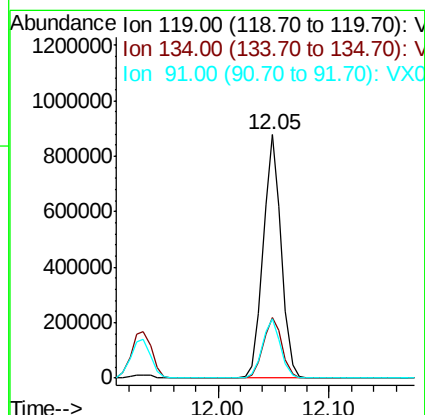
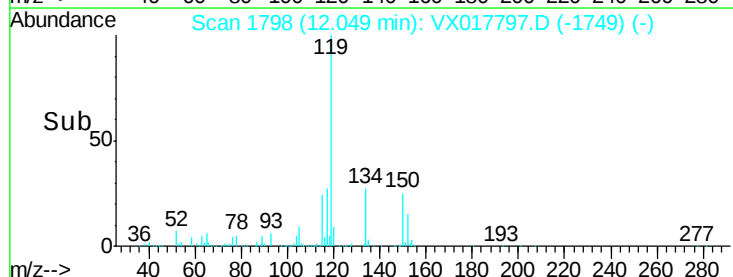
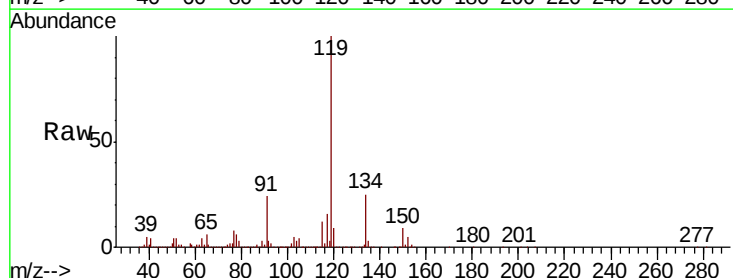
Tgt Ion:119 Resp: 991109

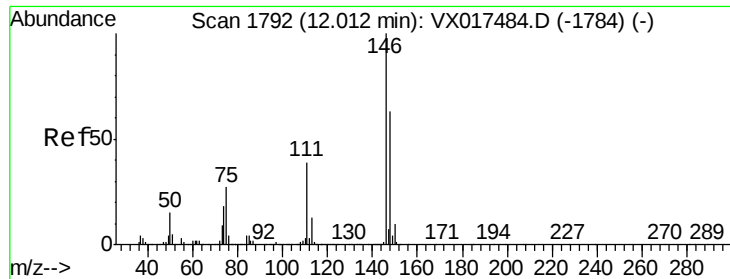
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.058 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

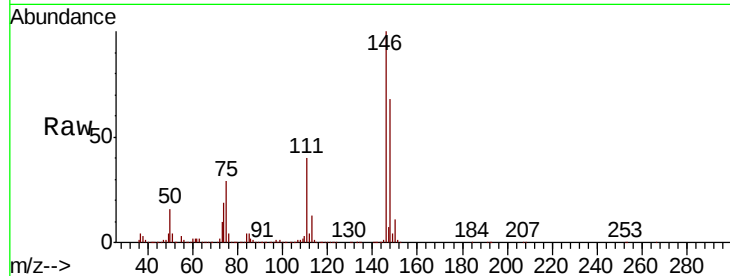
Tot Ion:146 Resp: 483948

Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.7

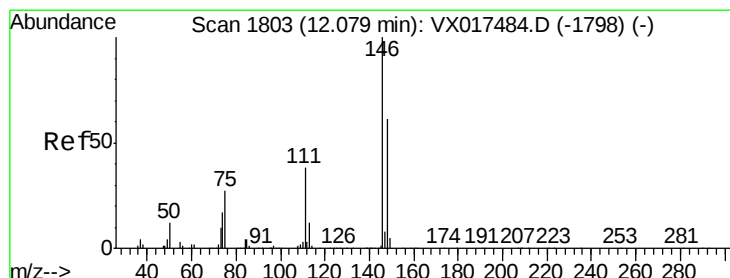
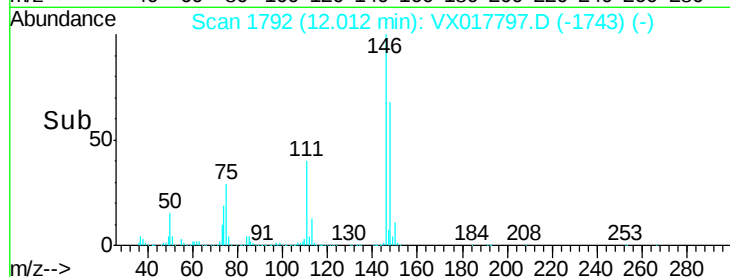
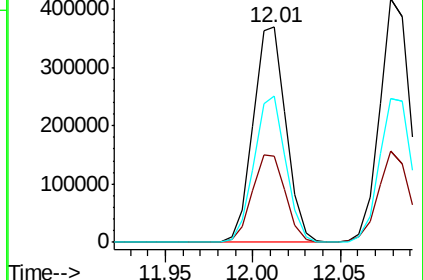
148 66.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.449 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

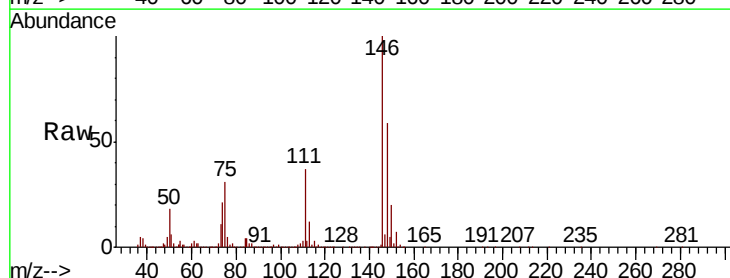
Tgt Ion:146 Resp: 505195

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.8

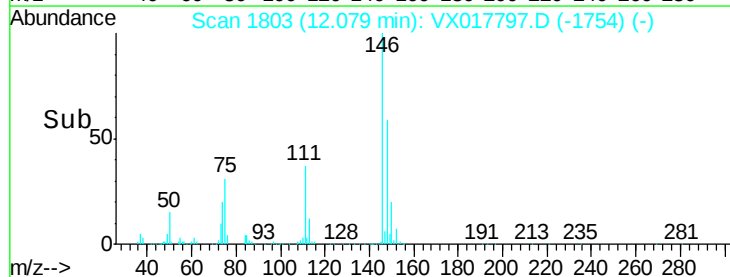
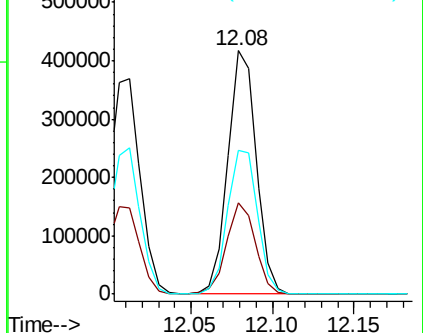
148 62.3 32.2 96.6

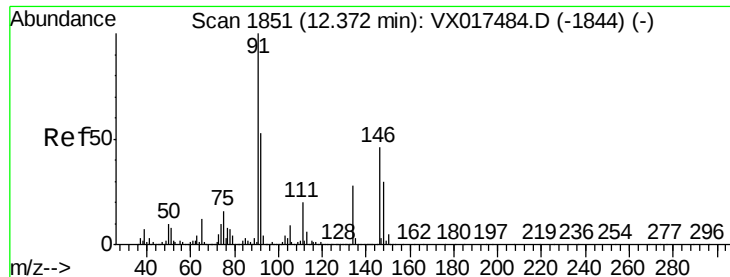


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

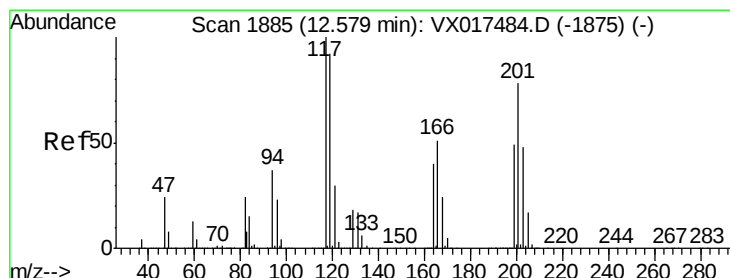
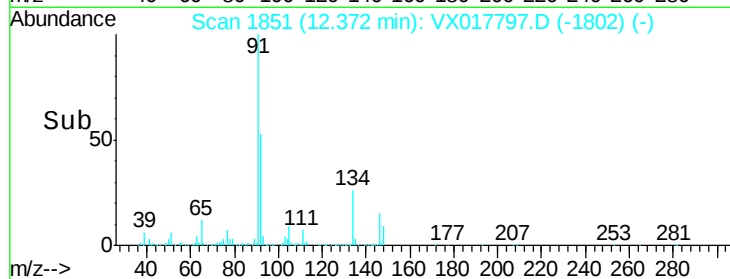
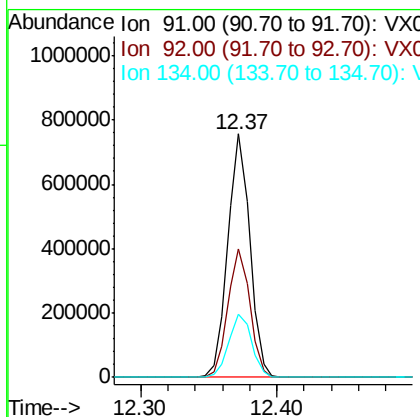
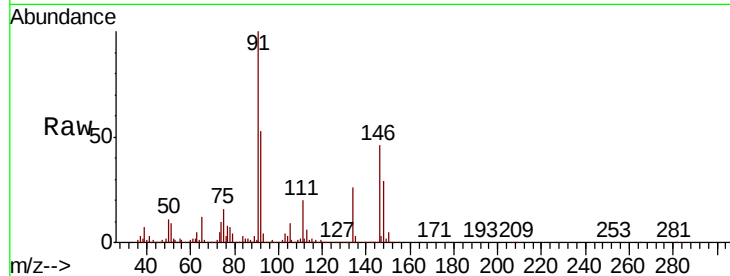




#89
n-Butylbenzene
Concen: 52.459 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

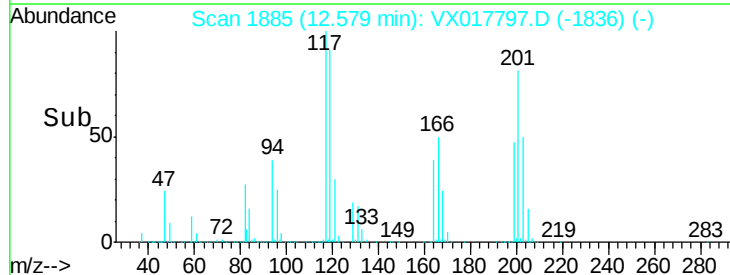
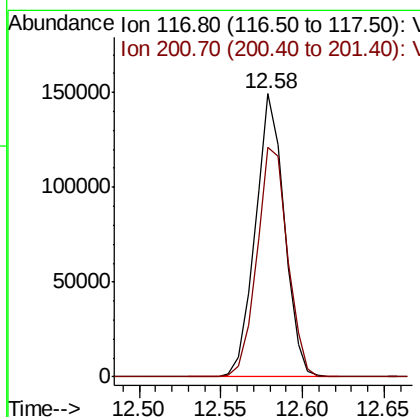
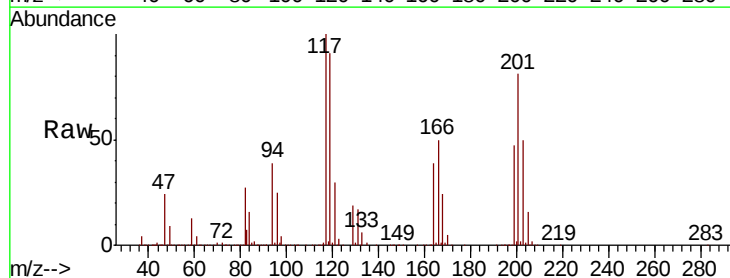
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

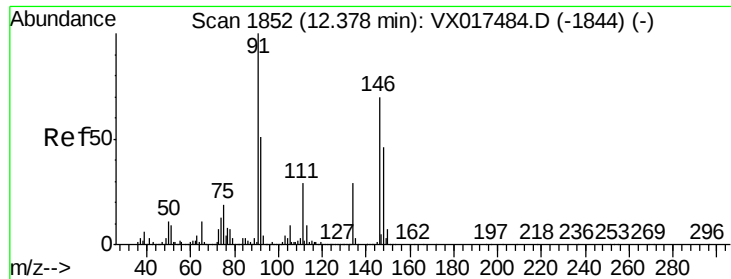
Tot Ion: 91 Resp: 851953
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 51.362 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 117 Resp: 184555
Ion Ratio Lower Upper
117 100
201 85.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 50.295 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

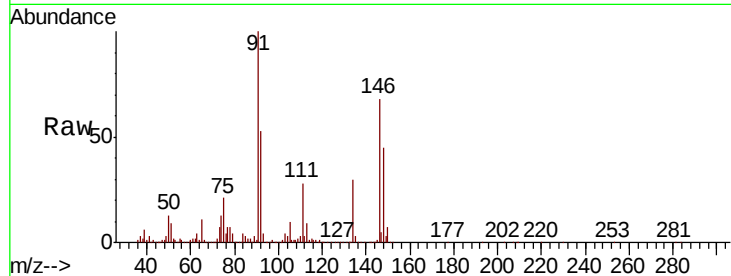
Tot Ion:146 Resp: 477892

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

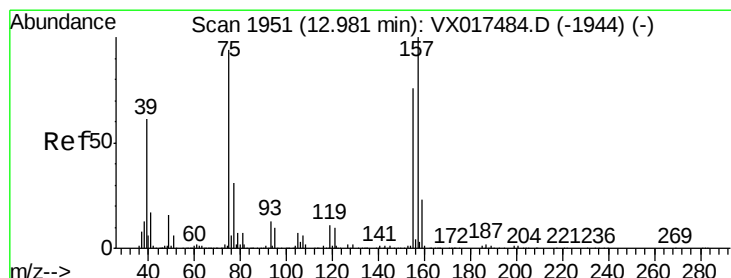
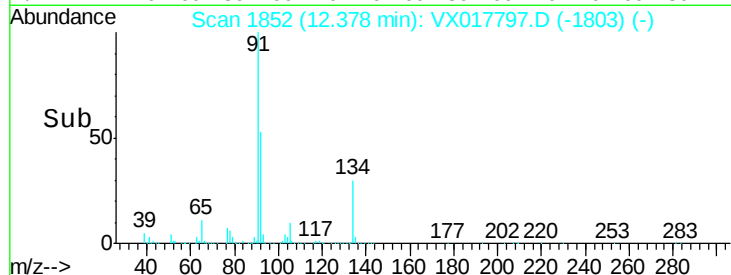
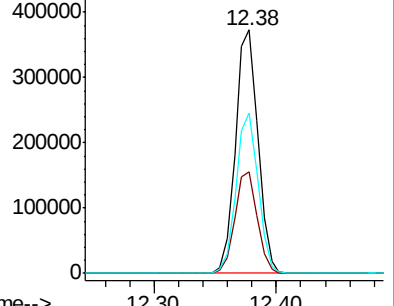
148 64.7 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.027 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

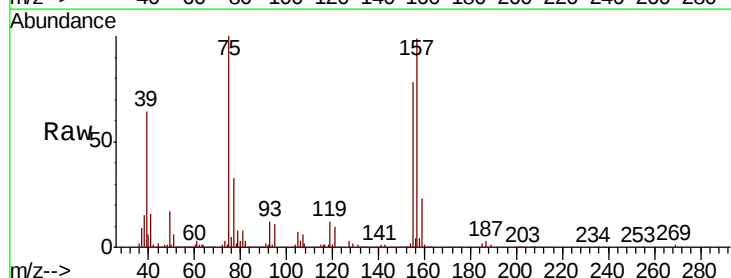
Tgt Ion: 75 Resp: 90679

Ion Ratio Lower Upper

75 100

155 82.9 42.3 126.8

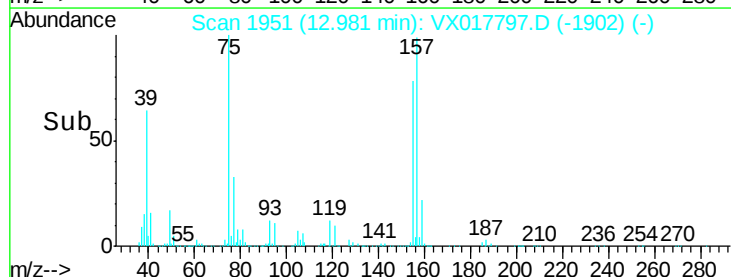
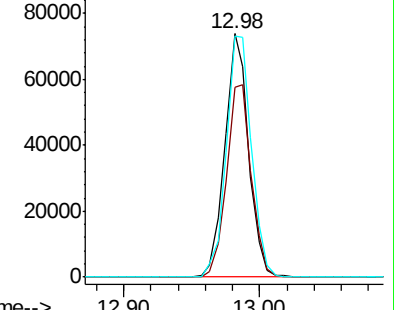
157 105.7 54.3 162.9

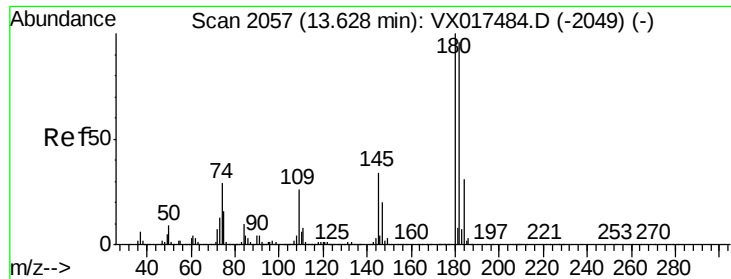


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

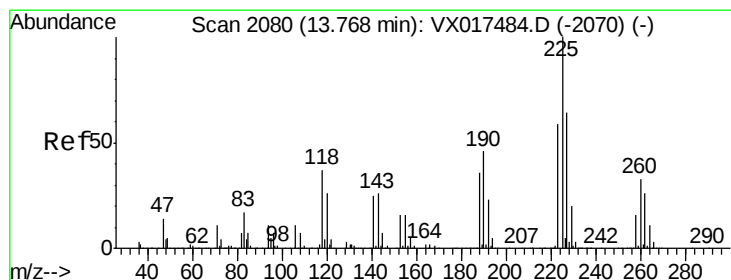
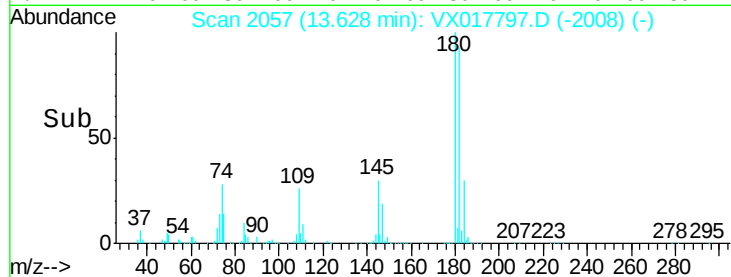
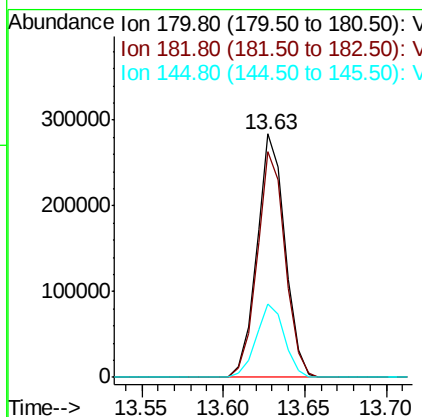
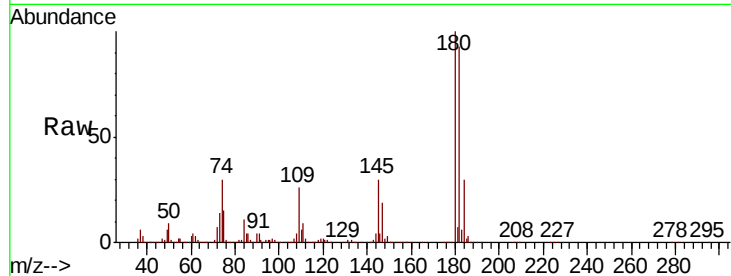




#93
 1,2,4-Trichlorobenzene
 Concen: 52.148 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

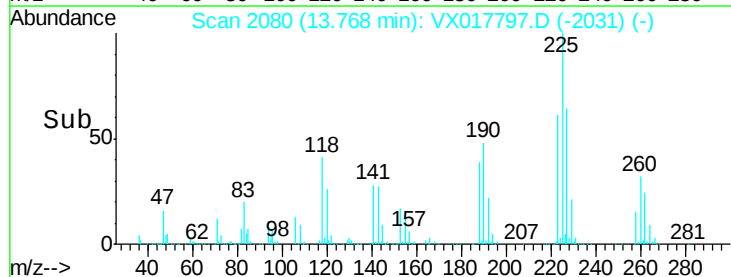
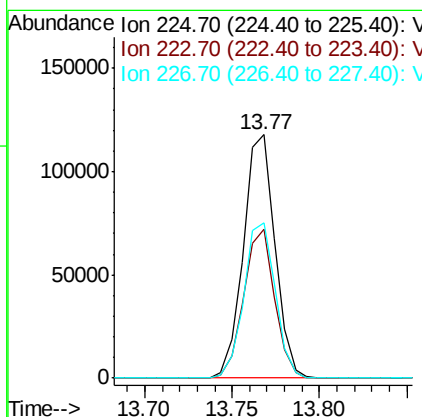
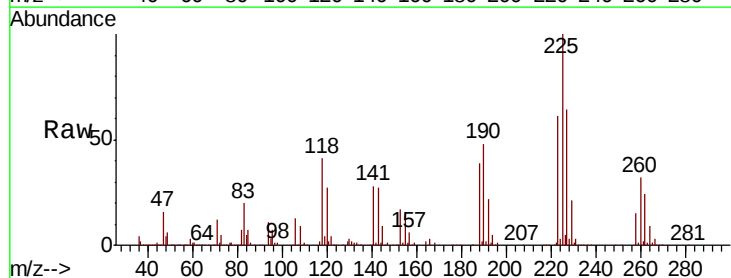
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

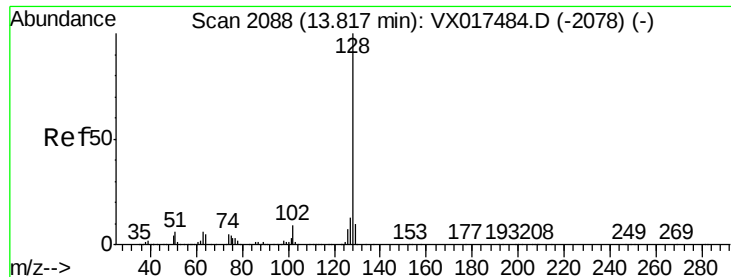
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.5	142.6
145	30.4	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 49.387 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	30.3	90.9
227	63.8	31.1	93.2





#95

Naphthalene

Concen: 53.648 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

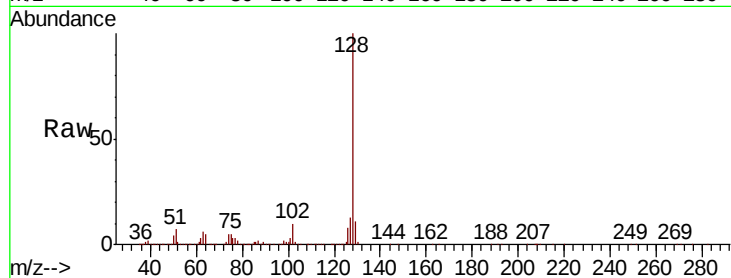
Tot Ion:128 Resp: 1038541

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

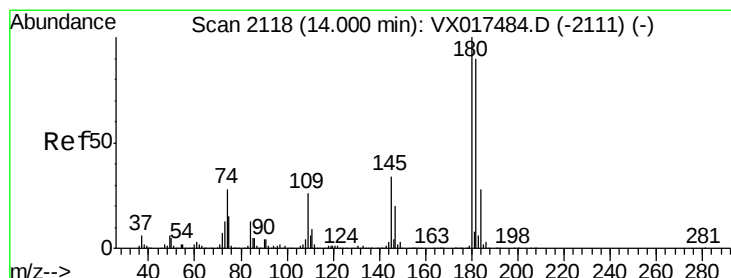
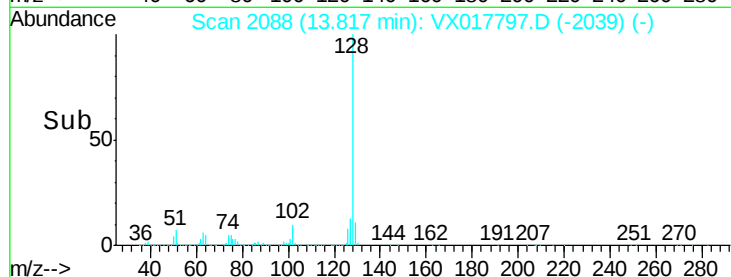
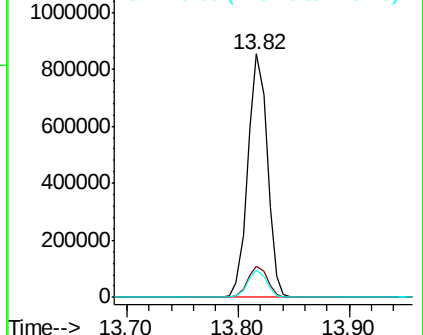
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.581 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

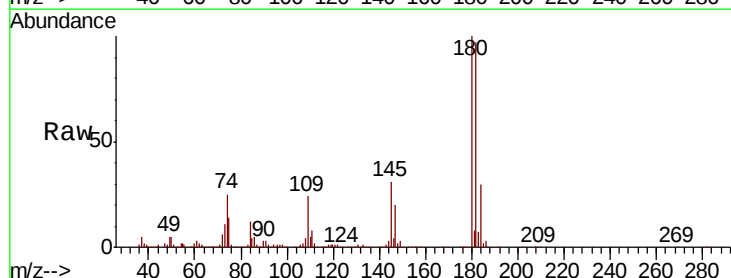
Tgt Ion:180 Resp: 336679

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 33.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

