

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017756.D
 Acq On : 03 Aug 2020 19:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 07:17:02 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	629582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	984549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	969511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	504830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	352790	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	5.46	113	278517	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	
50) Toluene-d8	8.70	98	991070	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
62) 4-Bromofluorobenzene	11.12	95	400020	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	255843	43.672	ug/l	98
3) Chloromethane	1.31	50	311463	40.096	ug/l	98
4) Vinyl Chloride	1.39	62	311766	39.352	ug/l	99
5) Bromomethane	1.62	94	179092	41.542	ug/l	97
6) Chloroethane	1.70	64	191727	43.792	ug/l	100
7) Trichlorofluoromethane	1.91	101	514693	41.304	ug/l	99
8) Diethyl Ether	2.17	74	183607	45.320	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268054	39.199	ug/l	97
10) Methyl Iodide	2.50	142	337651	38.595	ug/l	96
11) Tert butyl alcohol	3.02	59	355408	208.517	ug/l	99
12) 1,1-Dichloroethene	2.36	96	263821	40.570	ug/l	99
13) Acrolein	2.27	56	288173	221.918	ug/l	100
14) Allyl chloride	2.71	41	514189	43.303	ug/l	98
15) Acrylonitrile	3.12	53	857251	232.858	ug/l	100
16) Acetone	2.42	43	773759	217.379	ug/l	96
17) Carbon Disulfide	2.55	76	698750	35.352	ug/l	98
18) Methyl Acetate	2.75	43	415433	49.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	984615	43.745	ug/l	99
20) Methylene Chloride	2.84	84	307610	45.777	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	291799	41.886	ug/l	99
22) Diisopropyl ether	3.83	45	994479	45.804	ug/l	100
23) Vinyl Acetate	3.79	43	4392451	226.901	ug/l	99
24) 1,1-Dichloroethane	3.67	63	550909	44.048	ug/l	99
25) 2-Butanone	4.64	43	1212881	239.860	ug/l	100
26) 2,2-Dichloropropane	4.56	77	462369	41.300	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	335043	44.279	ug/l	99
28) Bromochloromethane	4.98	49	240222	42.385	ug/l	100
29) Tetrahydrofuran	5.09	42	760023	242.648	ug/l	100
30) Chloroform	5.18	83	582607	45.590	ug/l	97
31) Cyclohexane	5.55	56	433225	43.437	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	541065	44.899	ug/l	100
36) 1,1-Dichloropropene	5.77	75	410487	43.471	ug/l	99
37) Ethyl Acetate	4.79	43	465170	45.023	ug/l	99
38) Carbon Tetrachloride	5.76	117	501376	43.724	ug/l	99

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 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)
39) Methylcyclohexane	7.44	83	427614	38.792	ug/l	97
40) Benzene	6.12	78	1192986	44.067	ug/l	98
41) Methacrylonitrile	5.01	41	264944	44.738	ug/l	99
42) 1,2-Dichloroethane	6.17	62	493889	44.594	ug/l	100
43) Isopropyl Acetate	6.42	43	772613	45.323	ug/l	100
44) Trichloroethene	7.19	130	349544	44.182	ug/l	99
45) 1,2-Dichloropropane	7.49	63	325878	43.423	ug/l	98
46) Dibromomethane	7.64	93	228886	43.156	ug/l	99
47) Bromodichloromethane	7.88	83	484591	45.409	ug/l	98
48) Methyl methacrylate	7.75	41	387842	45.899	ug/l	99
49) 1,4-Dioxane	7.72	88	129170	797.317	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2450831	240.958	ug/l	99
52) Toluene	8.77	92	773721	44.565	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	534237	44.721	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	543959	44.642	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	335403	46.375	ug/l	99
56) Ethyl methacrylate	9.16	69	514280	47.198	ug/l	99
57) 1,3-Dichloropropane	9.35	76	554813	46.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1236813	215.449	ug/l	100
59) 2-Hexanone	9.48	43	1838895	240.135	ug/l	99
60) Dibromochloromethane	9.57	129	417381	45.404	ug/l	98
61) 1,2-Dibromoethane	9.65	107	369948	48.045	ug/l	99
64) Tetrachloroethene	9.32	164	355398	40.843	ug/l	99
65) Chlorobenzene	10.12	112	899562	42.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	365766	43.187	ug/l	99
67) Ethyl Benzene	10.24	91	1565320	44.685	ug/l	100
68) m/p-Xylenes	10.34	106	1170840	86.278	ug/l	96
69) o-Xylene	10.68	106	569823	43.658	ug/l	100
70) Styrene	10.70	104	997527	44.920	ug/l	99
71) Bromoform	10.84	173	318176	43.362	ug/l #	100
73) Isopropylbenzene	11.00	105	1564920	45.187	ug/l	99
74) N-amyl acetate	10.88	43	676106	43.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	472518	43.712	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	598745	57.657	ug/l	81
77) Bromobenzene	11.24	156	410175	42.306	ug/l	97
78) n-propylbenzene	11.34	91	1772533	45.380	ug/l	99
79) 2-Chlorotoluene	11.40	91	1063417	43.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1311265	44.346	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	174856	42.428	ug/l	98
82) 4-Chlorotoluene	11.49	91	1253081	43.903	ug/l	99
83) tert-Butylbenzene	11.76	119	1274315	45.039	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1342698	45.654	ug/l	100
85) sec-Butylbenzene	11.93	105	1477973	44.842	ug/l	100
86) p-Isopropyltoluene	12.05	119	1377796	43.896	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	725157	43.555	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	727557	42.188	ug/l	100
89) n-Butylbenzene	12.37	91	1201605	42.963	ug/l	99
90) Hexachloroethane	12.58	117	262018	42.342	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	717685	43.859	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126162	41.719	ug/l	96

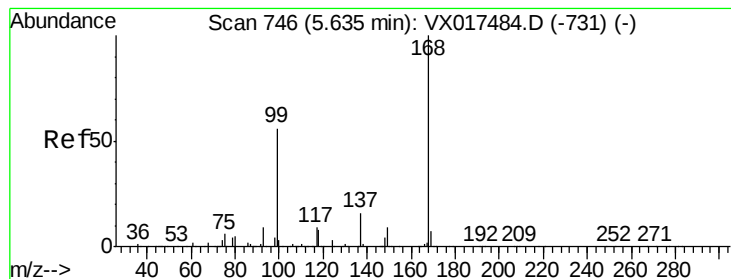
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	508693	45.550	ug/l	99
94) Hexachlorobutadiene	13.77	225	180549	35.121	ug/l	96
95) Naphthalene	13.82	128	1675518	50.258	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	504133	45.718	ug/l	99

(#) = 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: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

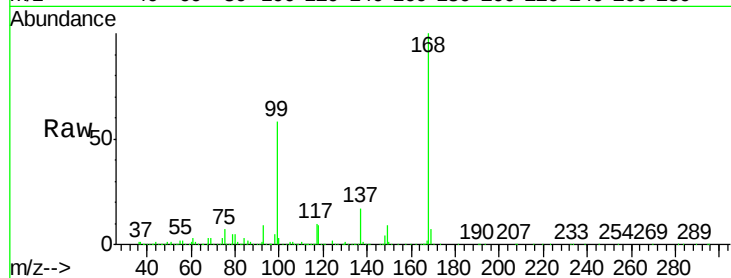
VSTDCCC050EC

Tot Ion:168 Resp: 629582

Ion Ratio Lower Upper

168 100

99 57.9 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

250000

200000

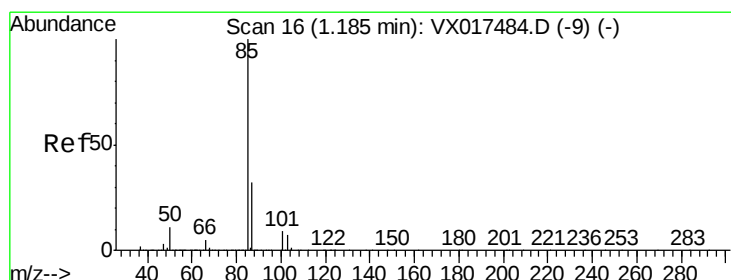
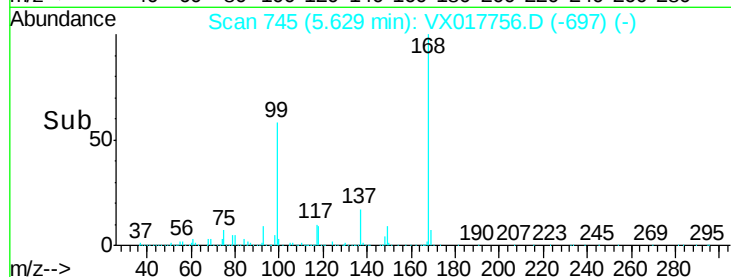
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.672 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017756.D

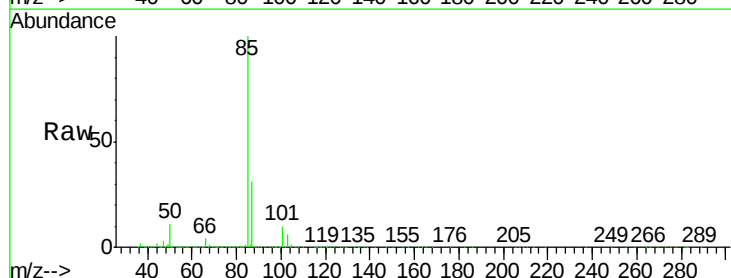
Acq: 03 Aug 2020 19:34

Tgt Ion: 85 Resp: 255843

Ion Ratio Lower Upper

85 100

87 31.3 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

300000

250000

200000

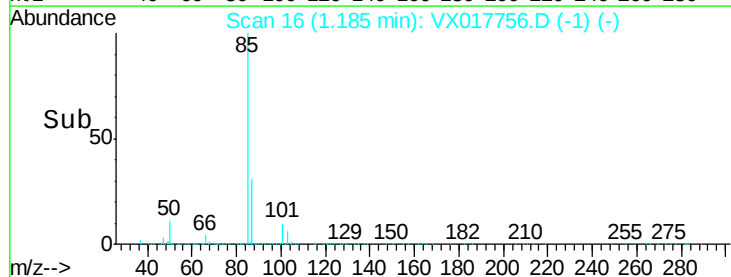
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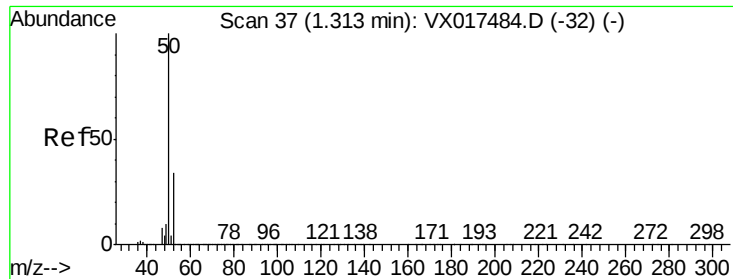
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.096 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

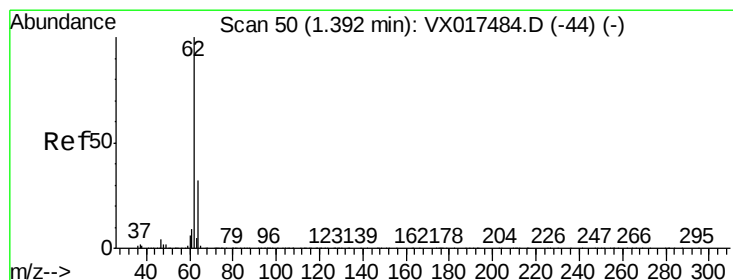
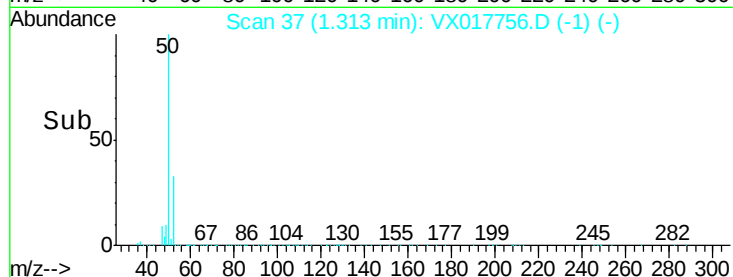
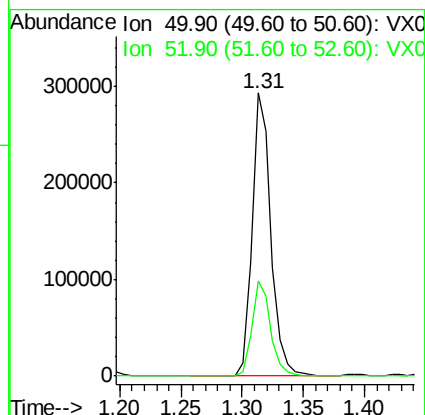
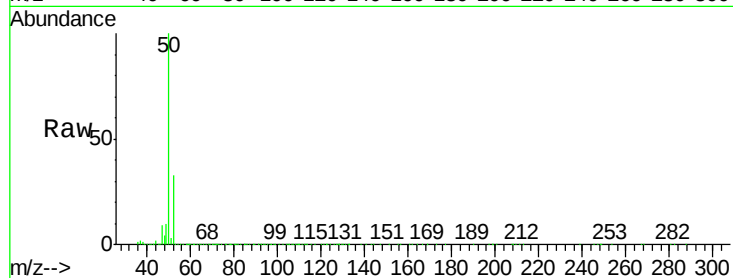
VSTDCCC050EC

Tot Ion: 50 Resp: 311463

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 39.352 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017756.D

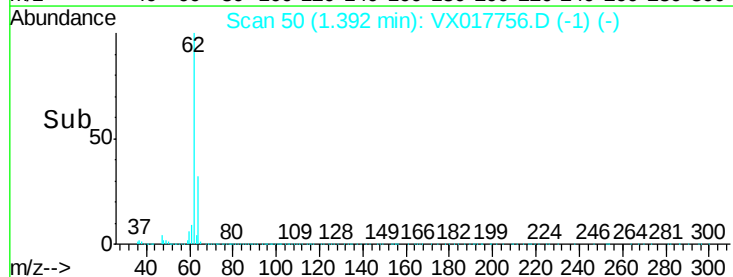
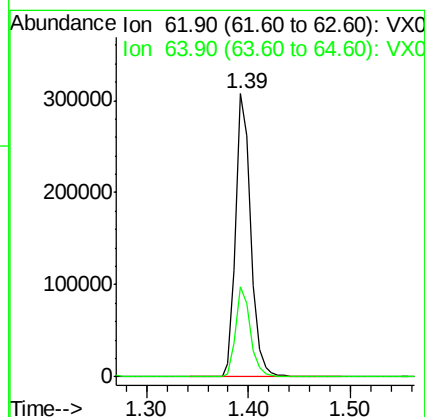
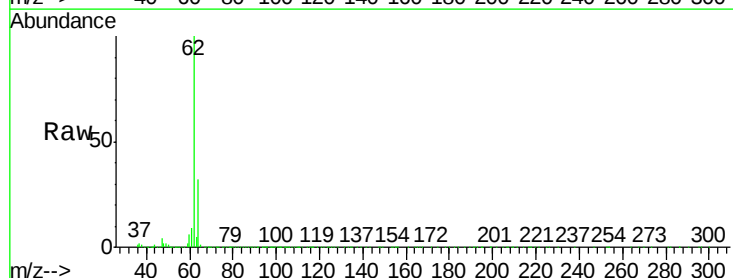
Acq: 03 Aug 2020 19:34

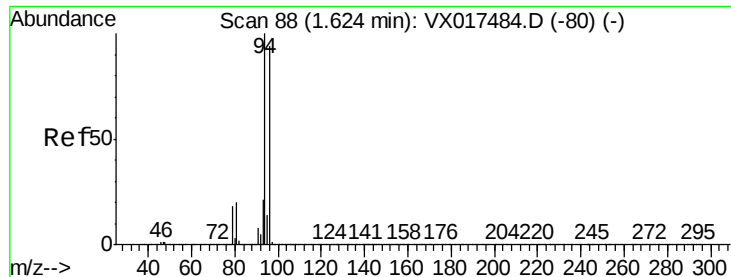
Tgt Ion: 62 Resp: 311766

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 41.542 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

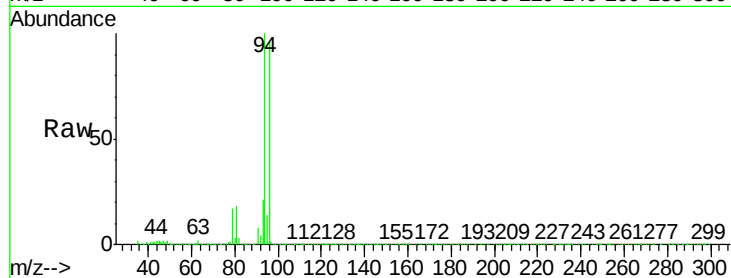
VSTDCCC050EC

Tot Ion: 94 Resp: 179092

Ion Ratio Lower Upper

94 100

96 95.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

150000

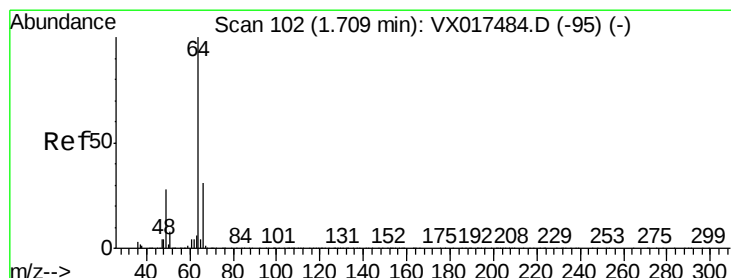
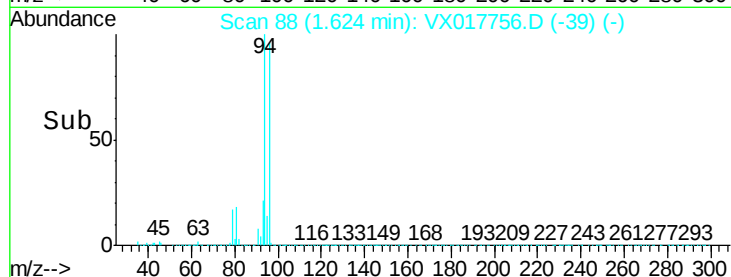
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.792 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017756.D

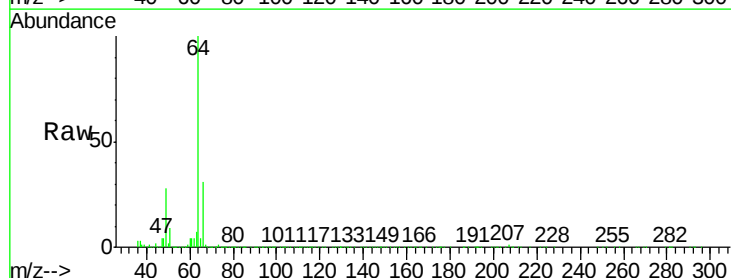
Acq: 03 Aug 2020 19:34

Tgt Ion: 64 Resp: 191727

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

150000

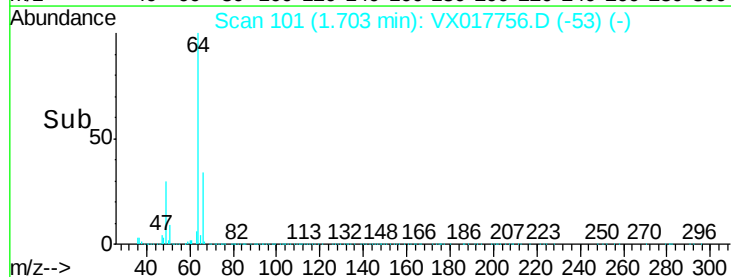
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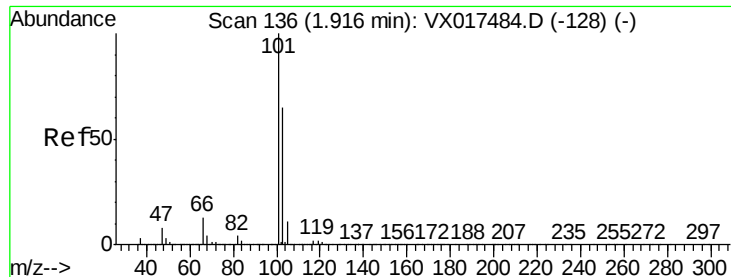
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0

Time-->

1.60 1.65 1.70 1.75 1.80



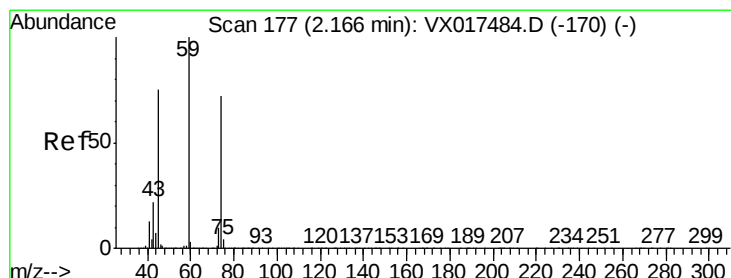
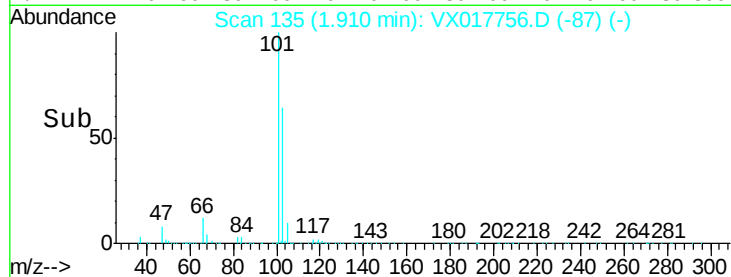
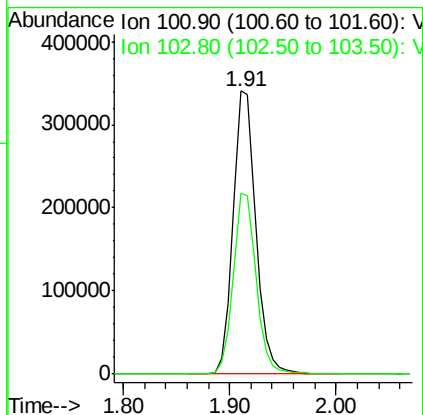
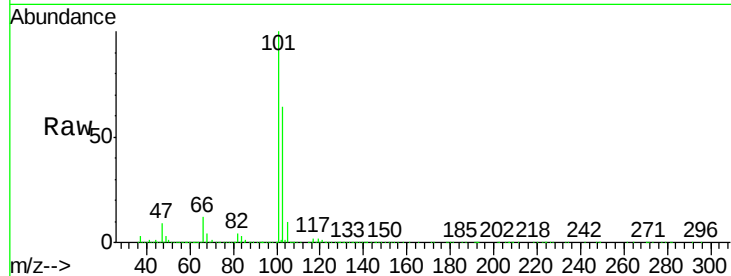


#7

Trichlorofluoromethane
 Concen: 41.304 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

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 VSTDCCC050EC

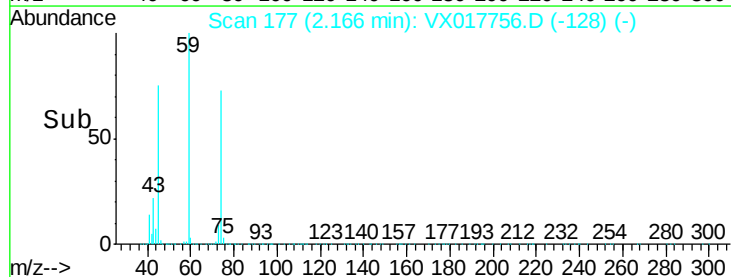
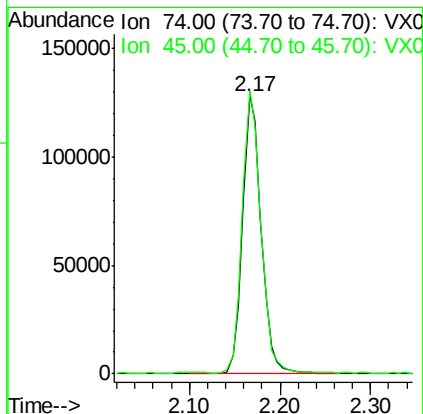
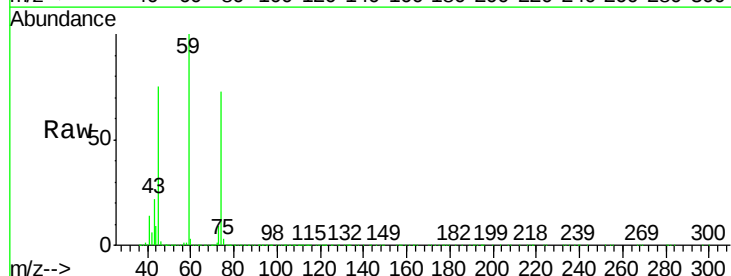
Tot Ion:101 Resp: 514693
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

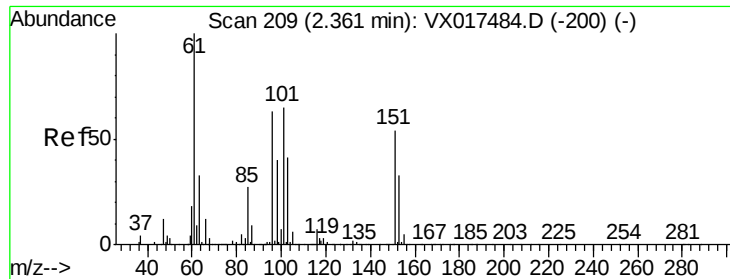


#8

Diethyl Ether
 Concen: 45.320 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion: 74 Resp: 183607
 Ion Ratio Lower Upper
 74 100
 45 100.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.199 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

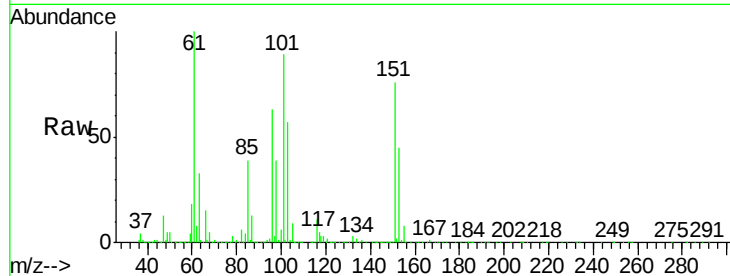
Tot Ion:101 Resp: 268054

Ion Ratio Lower Upper

101 100

85 44.1 34.8 52.2

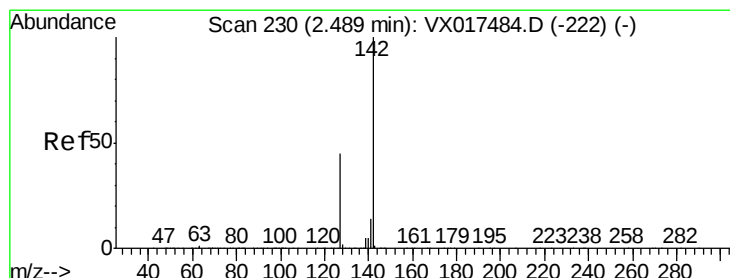
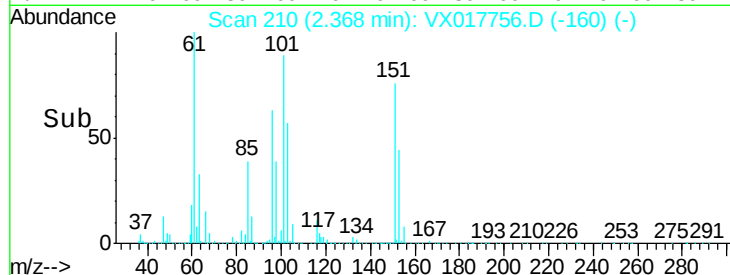
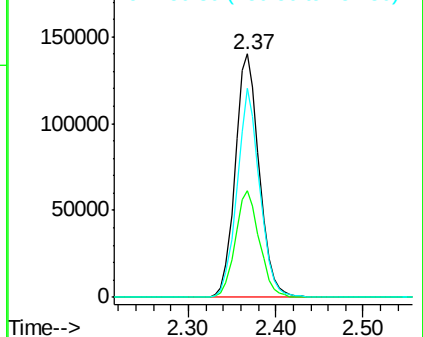
151 81.2 68.0 102.0



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: 38.595 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

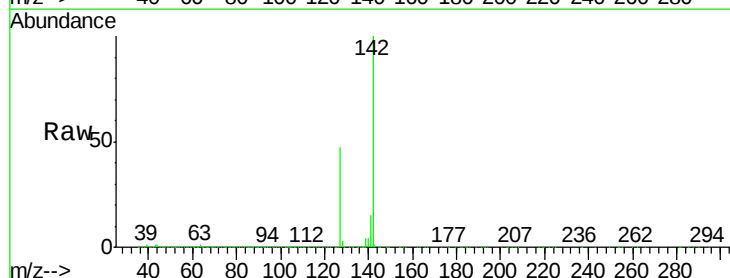
Tgt Ion:142 Resp: 337651

Ion Ratio Lower Upper

142 100

127 47.9 35.9 53.9

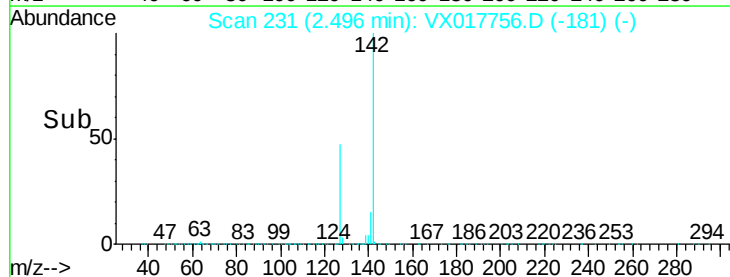
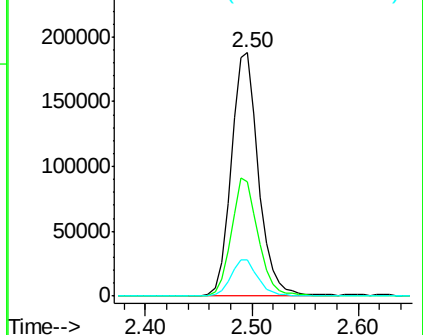
141 15.0 11.4 17.0

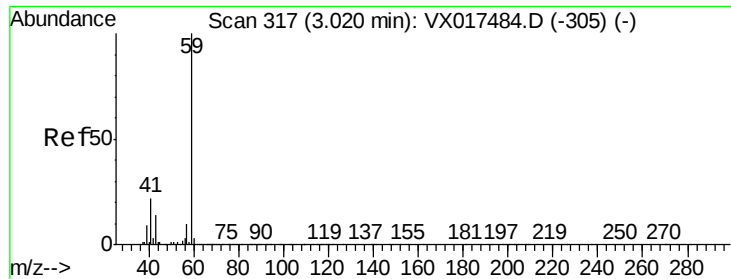


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



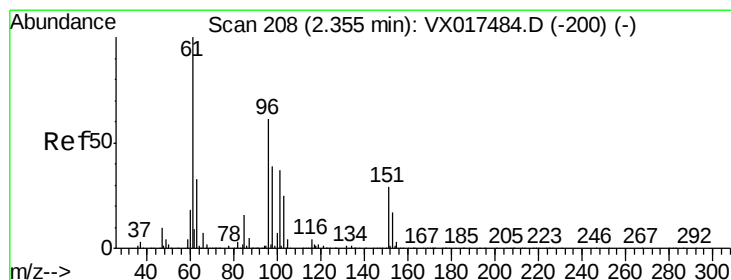
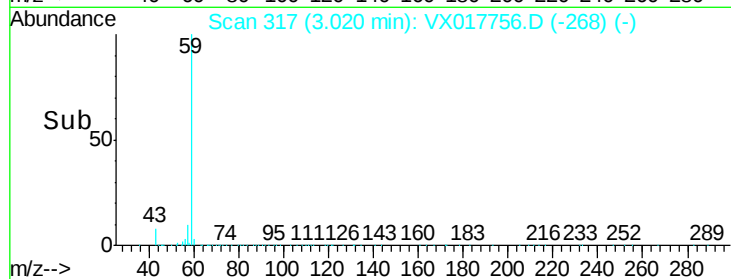
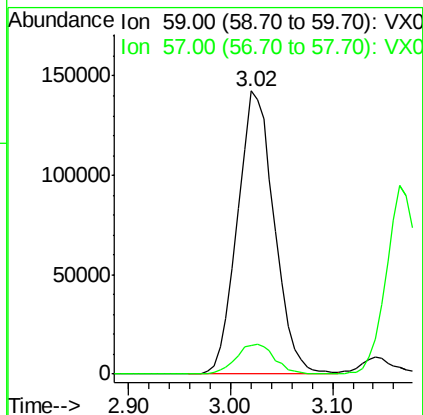
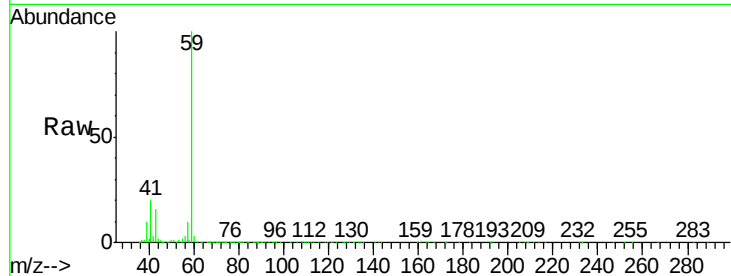


#11

Tert butyl alcohol
Concen: 208.517 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

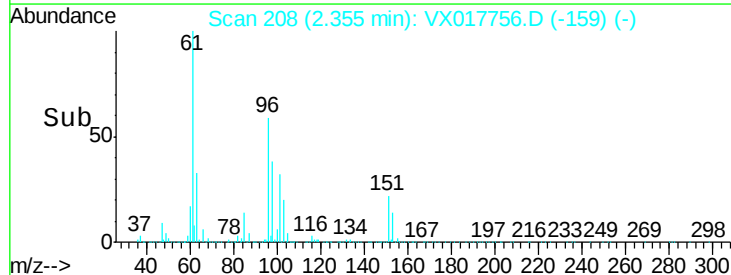
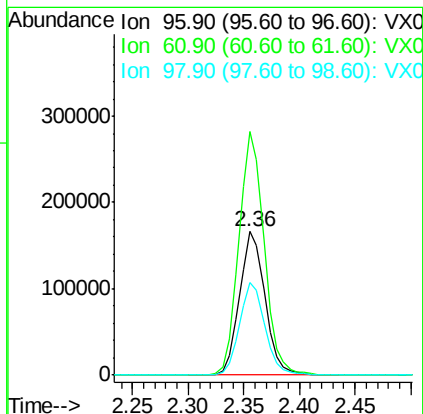
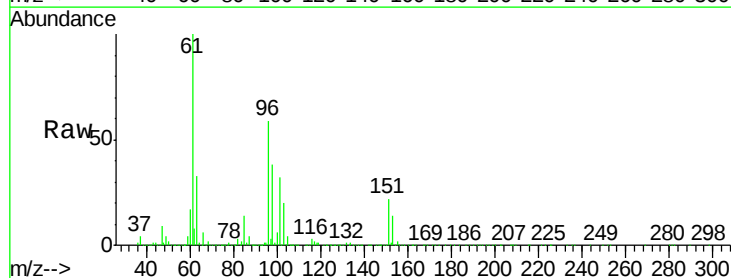
Tot Ion: 59 Resp: 355408
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

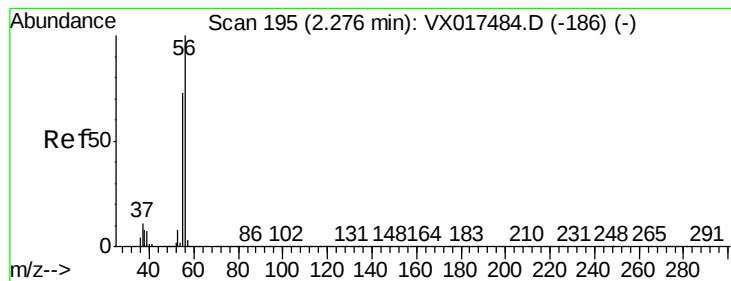


#12

1,1-Dichloroethene
Concen: 40.570 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 96 Resp: 263821
Ion Ratio Lower Upper
96 100
61 169.5 134.0 201.0
98 64.4 51.0 76.4





#13

Acrolein

Concen: 221.918 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

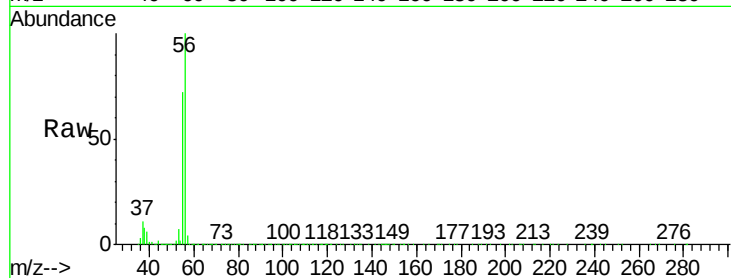
VSTDCCC050EC

Tot Ion: 56 Resp: 288173

Ion Ratio Lower Upper

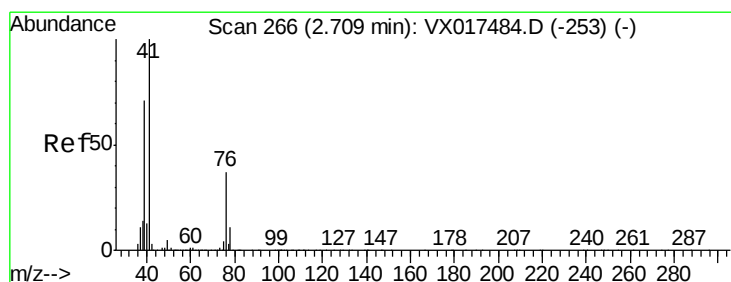
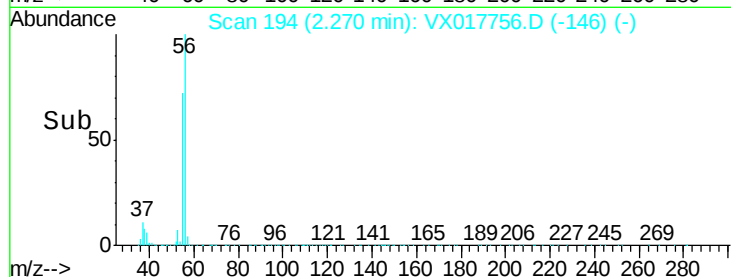
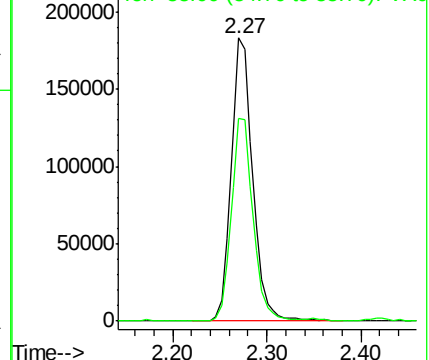
56 100

55 71.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.303 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

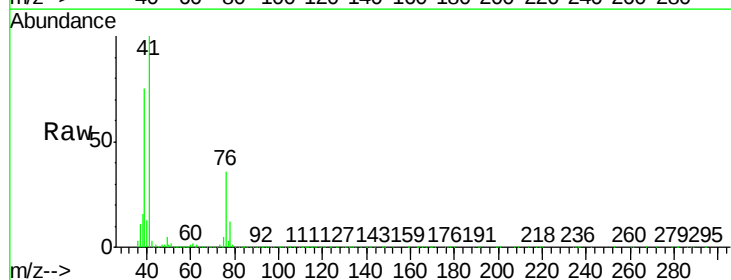
Tgt Ion: 41 Resp: 514189

Ion Ratio Lower Upper

41 100

39 66.8 51.9 77.9

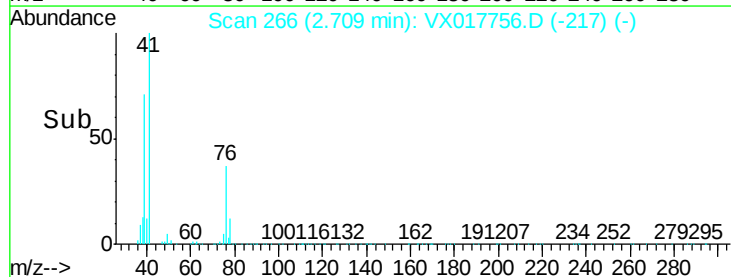
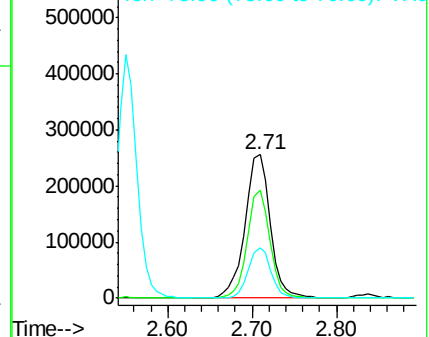
76 31.1 25.5 38.3

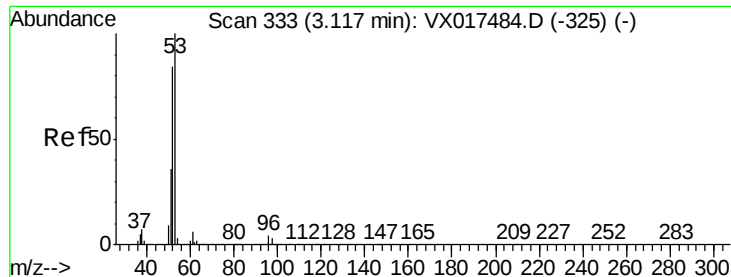


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.858 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

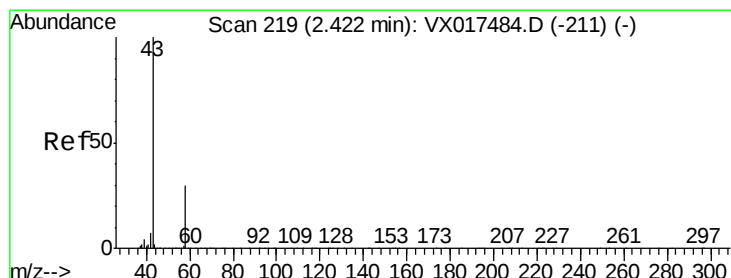
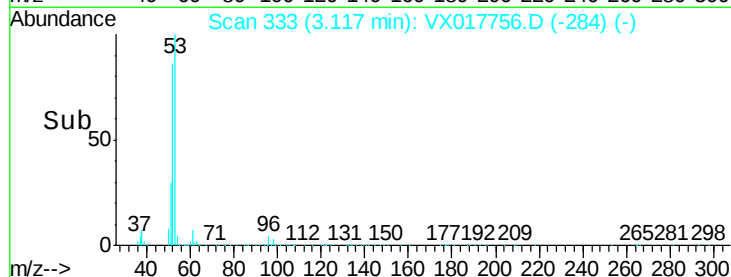
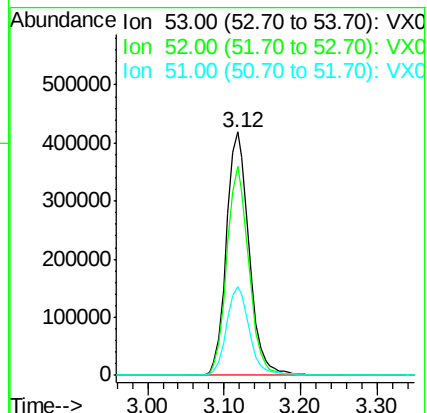
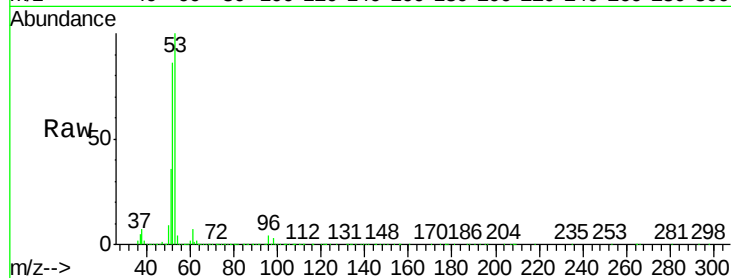
Tot Ion: 53 Resp: 857251

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

51 36.5 29.4 44.2



#16

Acetone

Concen: 217.379 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017756.D

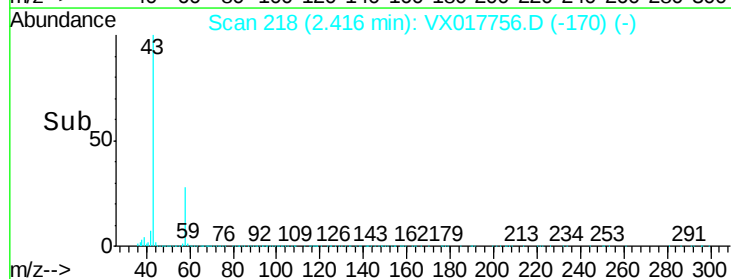
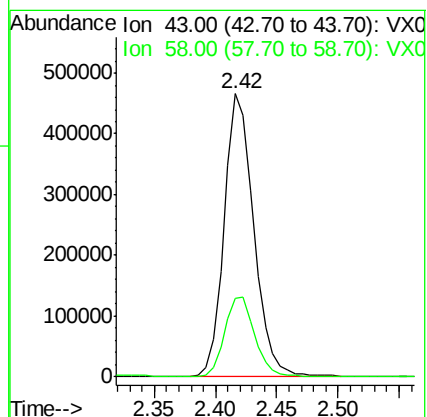
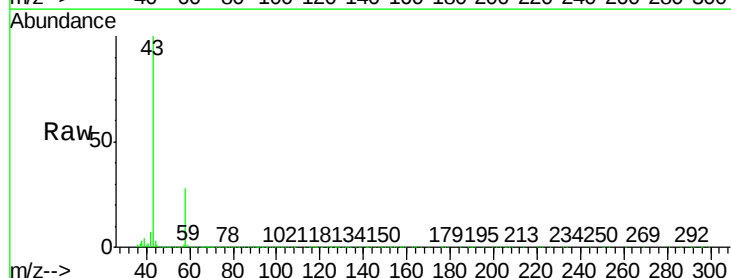
Acq: 03 Aug 2020 19:34

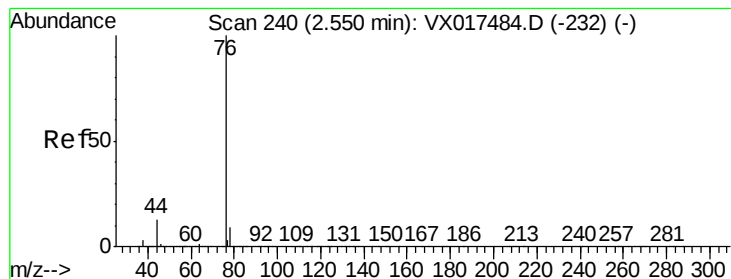
Tgt Ion: 43 Resp: 773759

Ion Ratio Lower Upper

43 100

58 28.0 24.2 36.4





#17

Carbon Disulfide

Concen: 35.352 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

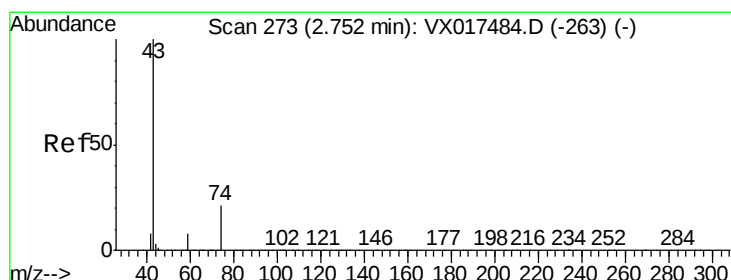
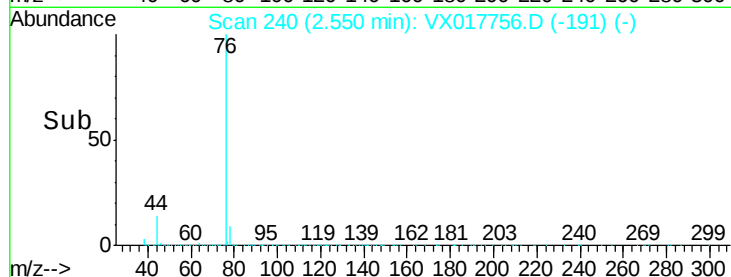
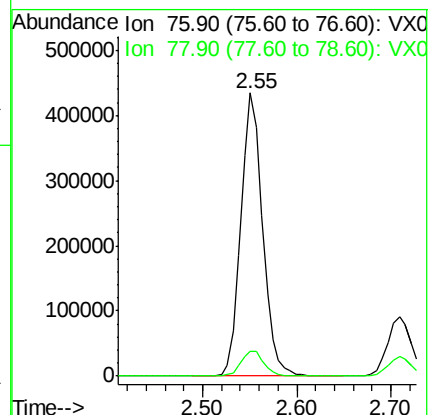
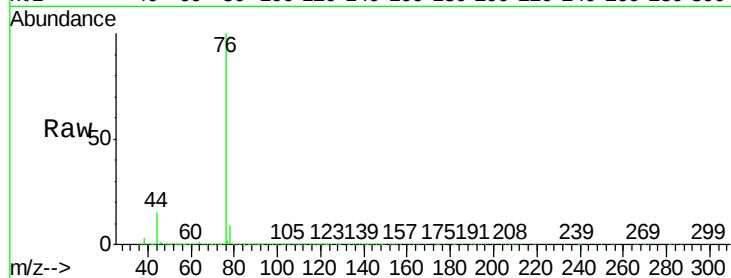
VSTDCCC050EC

Tot Ion: 76 Resp: 698750

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#18

Methyl Acetate

Concen: 49.556 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017756.D

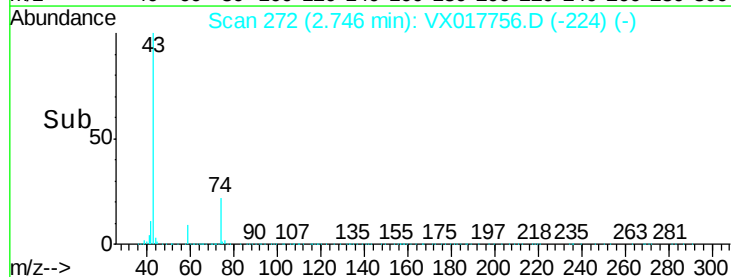
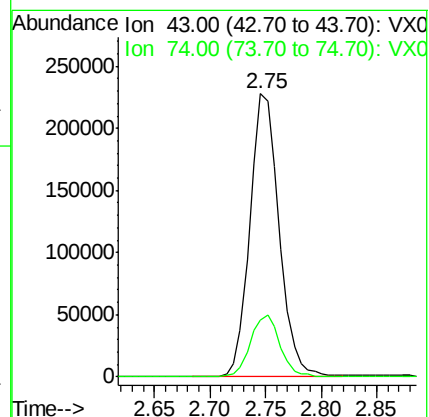
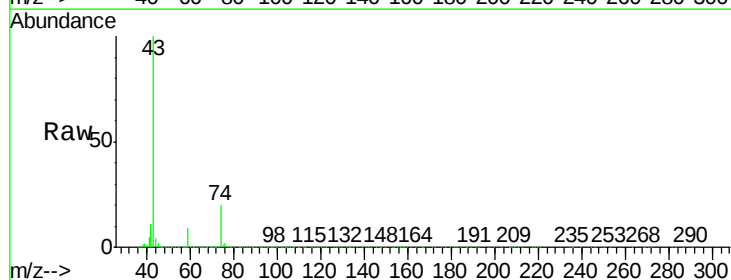
Acq: 03 Aug 2020 19:34

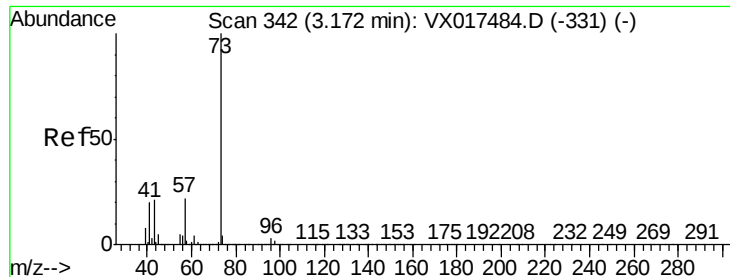
Tgt Ion: 43 Resp: 415433

Ion Ratio Lower Upper

43 100

74 22.6 17.5 26.3

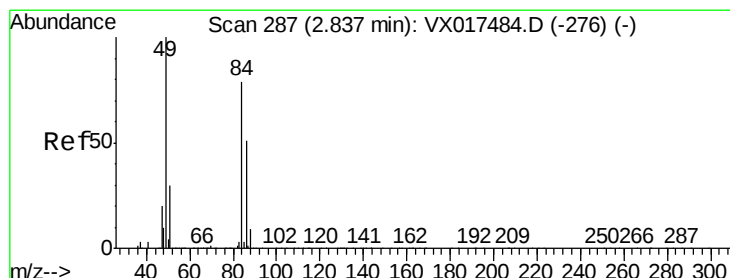
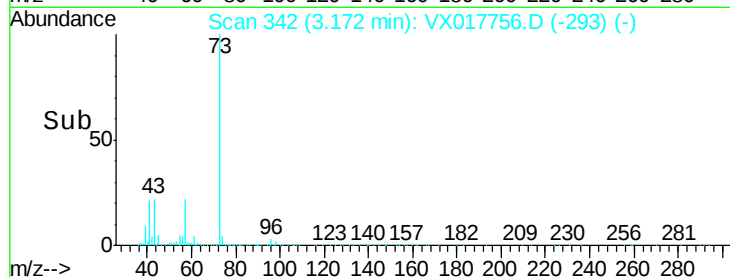
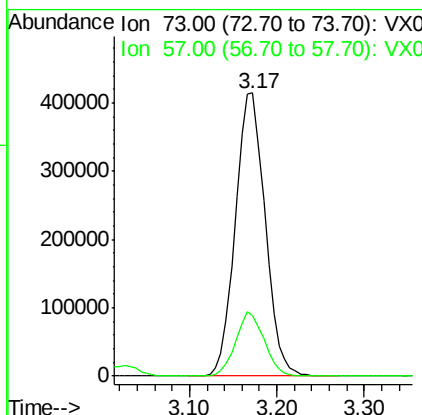
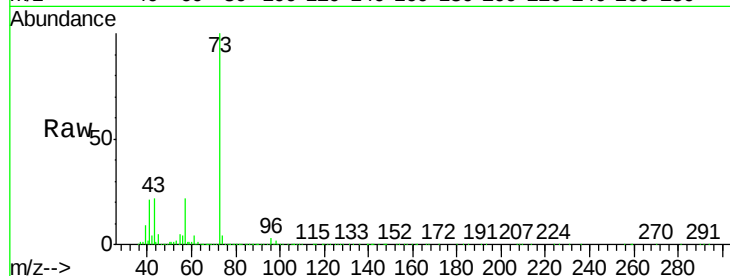




#19
Methyl tert-butyl Ether
Concen: 43.745 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

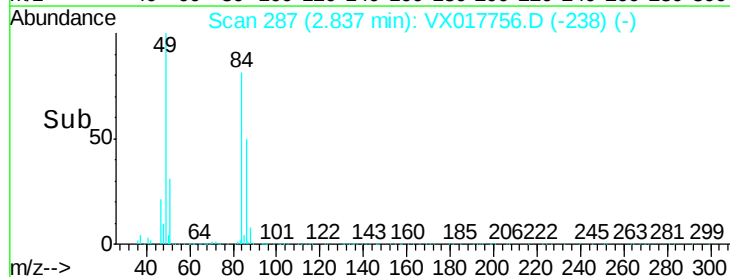
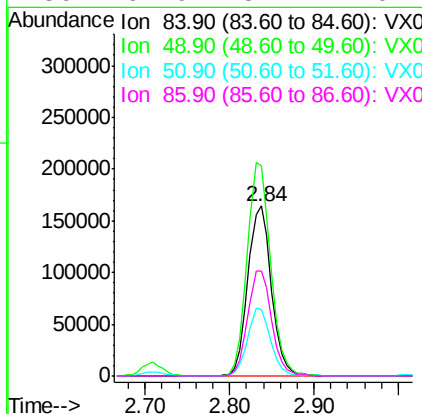
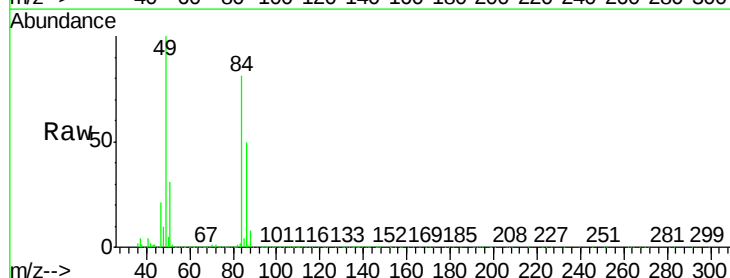
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

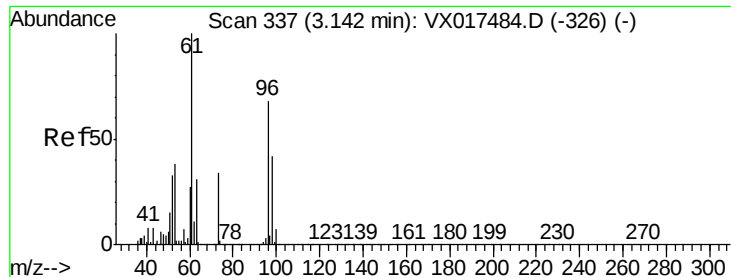
Tot Ion: 73 Resp: 984615
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4



#20
Methylene Chloride
Concen: 45.777 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 84 Resp: 307610
Ion Ratio Lower Upper
84 100
49 123.5 100.3 150.5
51 38.8 30.5 45.7
86 61.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 41.886 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

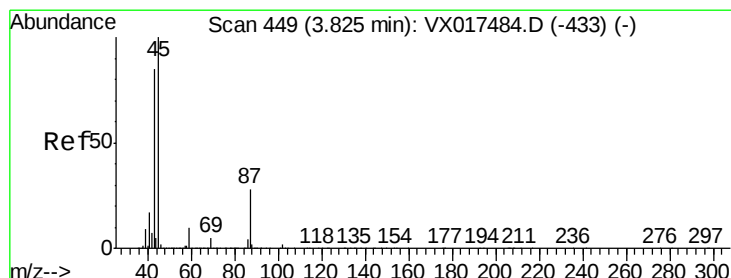
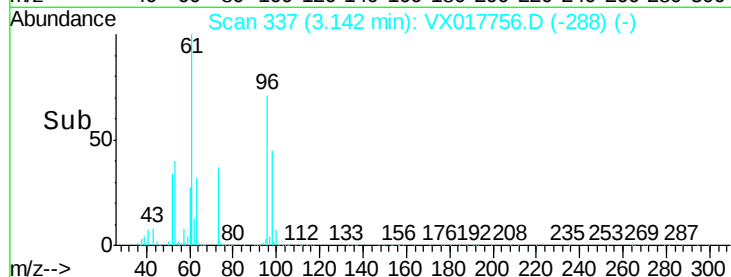
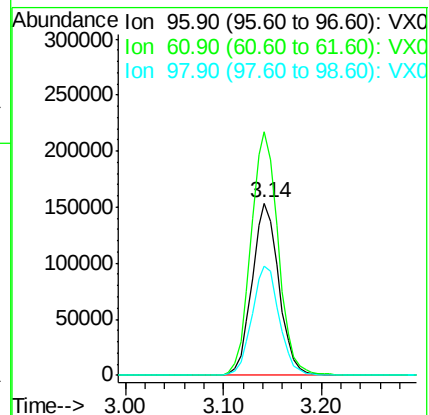
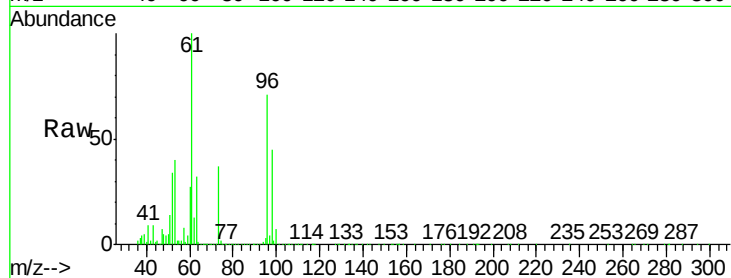
Tot Ion: 96 Resp: 291799

Ion Ratio Lower Upper

96 100

61 141.4 113.0 169.4

98 63.6 51.8 77.8



#22

Diisopropyl ether

Concen: 45.804 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Tgt Ion: 45 Resp: 994479

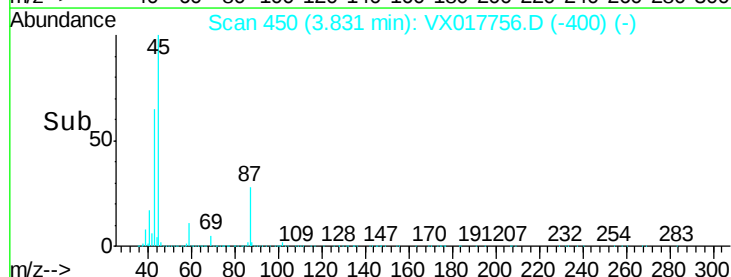
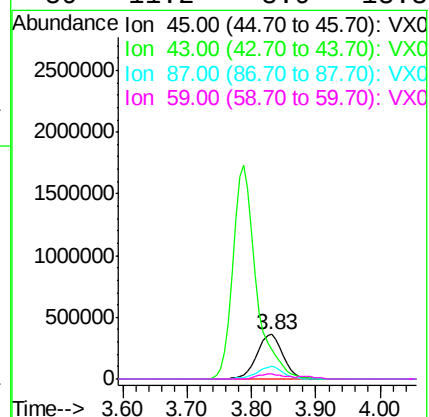
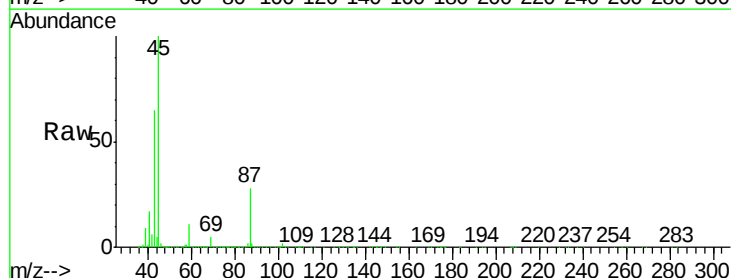
Ion Ratio Lower Upper

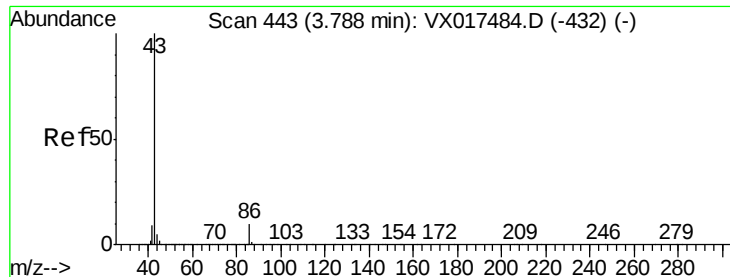
45 100

43 65.2 52.0 78.0

87 27.8 22.2 33.4

59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 226.901 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

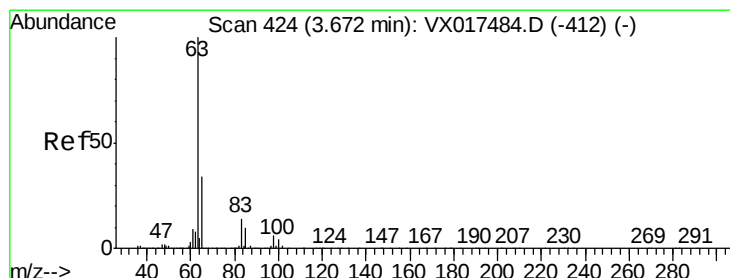
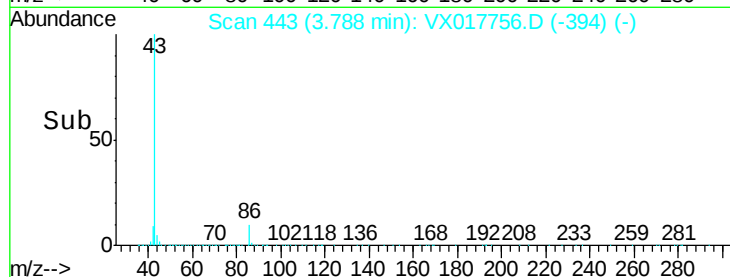
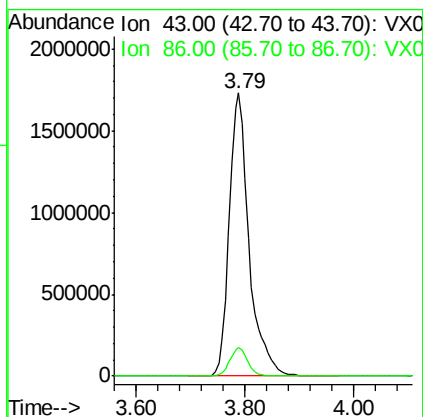
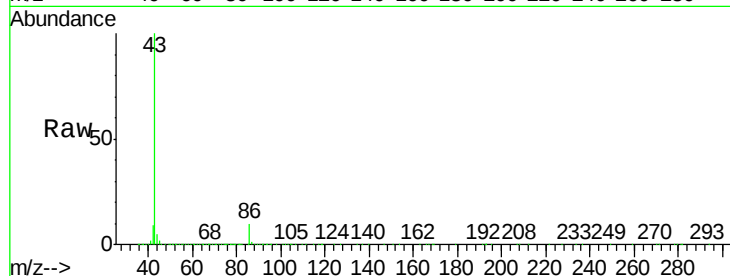
VSTDCCC050EC

Tot Ion: 43 Resp: 4392451

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.4



#24

1,1-Dichloroethane

Concen: 44.048 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

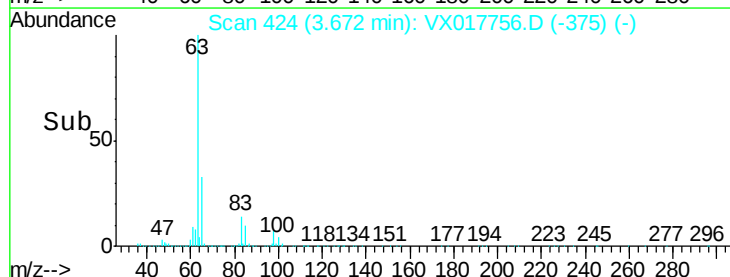
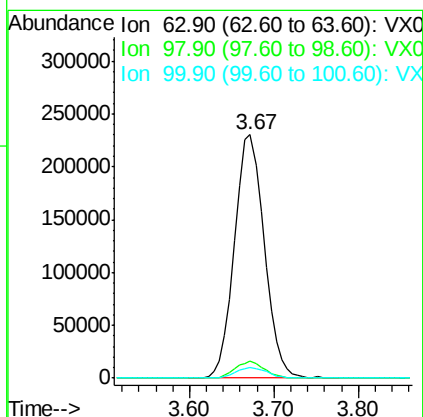
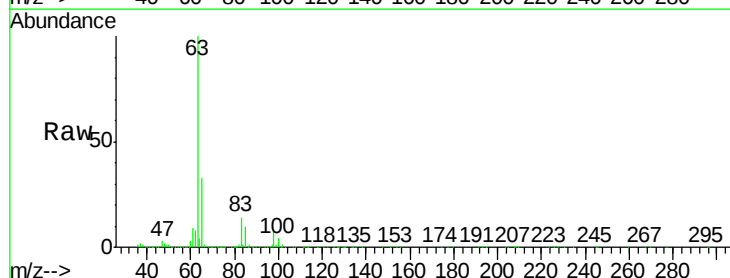
Tgt Ion: 63 Resp: 550909

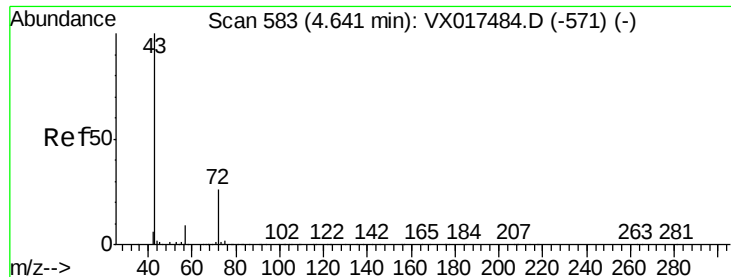
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 239.860 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

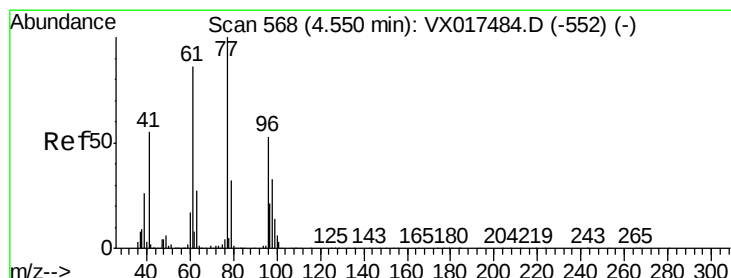
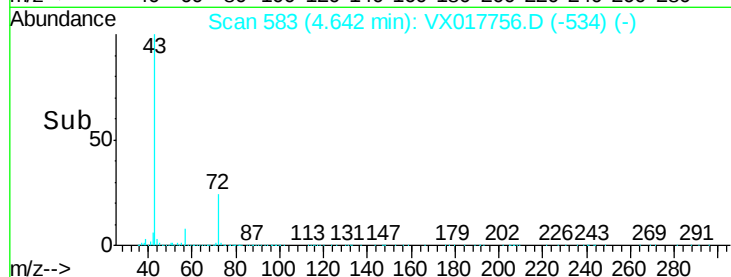
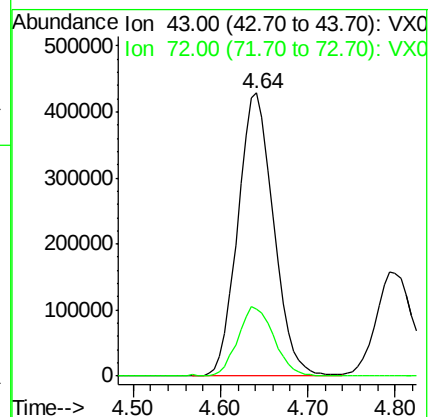
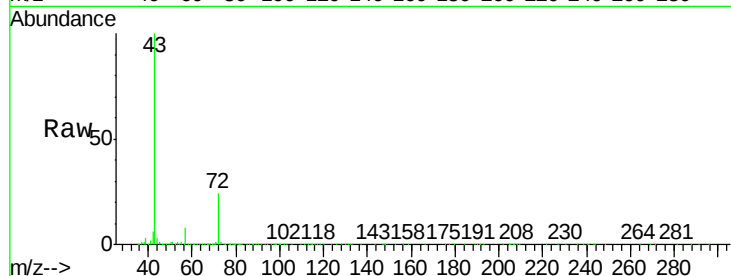
VSTDCCC050EC

Tot Ion: 43 Resp: 1212881

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 41.300 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017756.D

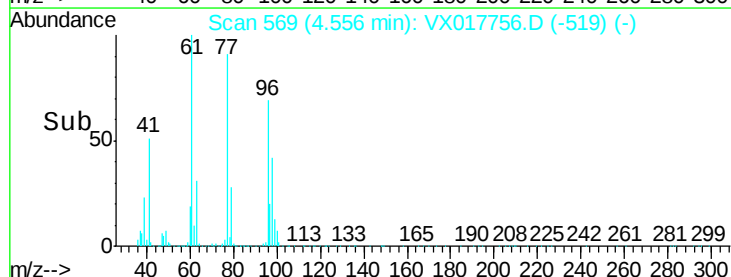
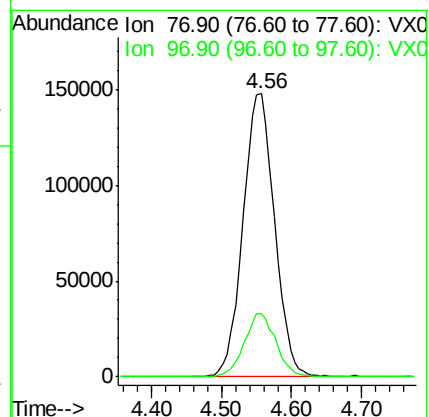
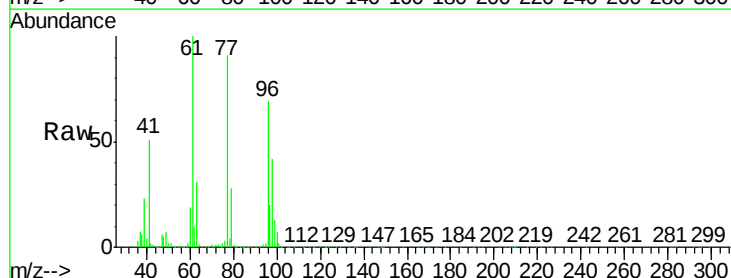
Acq: 03 Aug 2020 19:34

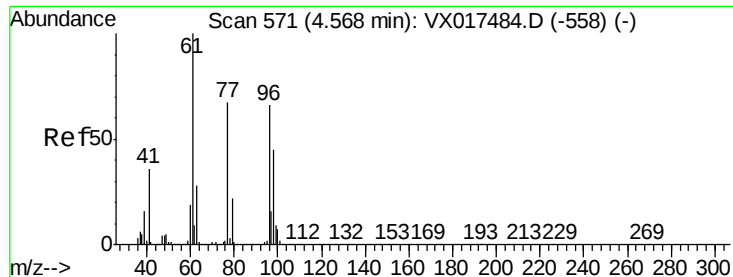
Tgt Ion: 77 Resp: 462369

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9



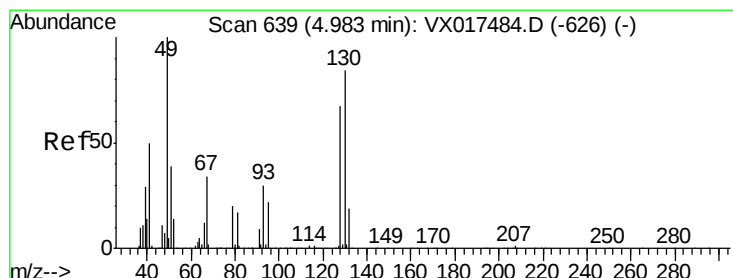
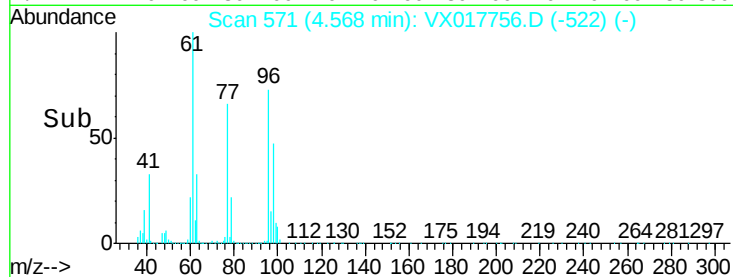
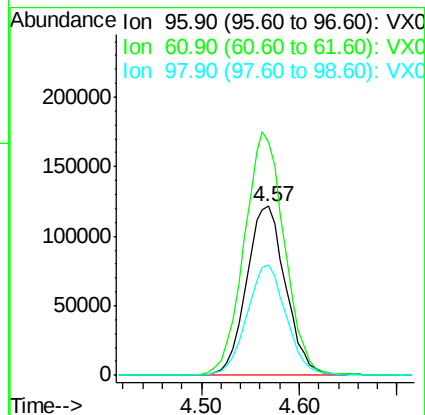
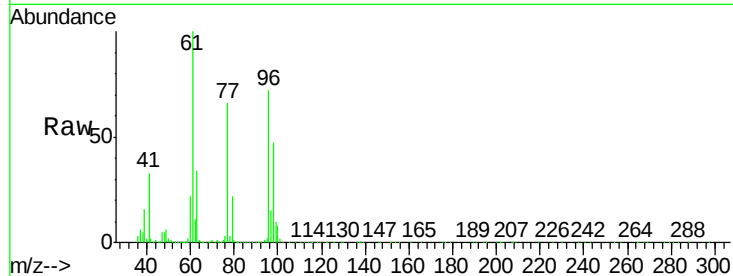


#27

cis-1,2-Dichloroethene
Concen: 44.279 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

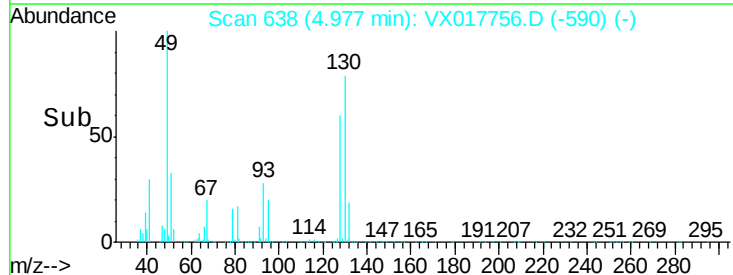
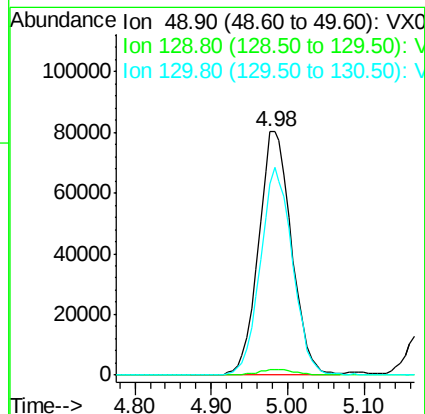
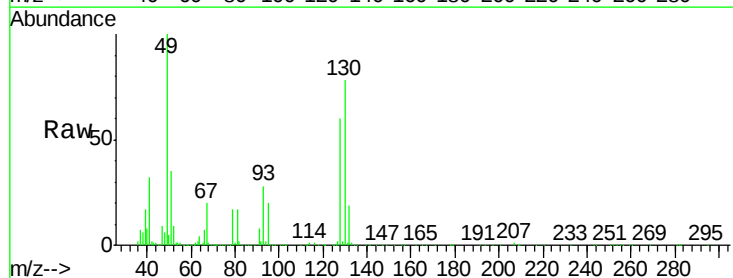
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	301.2
98	66.0	0.0	130.0

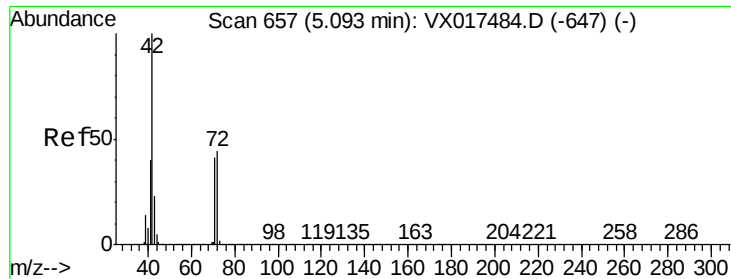


#28

Bromochloromethane
Concen: 42.385 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	83.6	66.7	100.1





#29

Tetrahydrofuran

Concen: 242.648 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

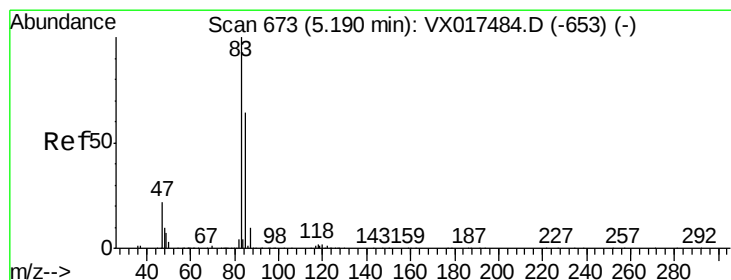
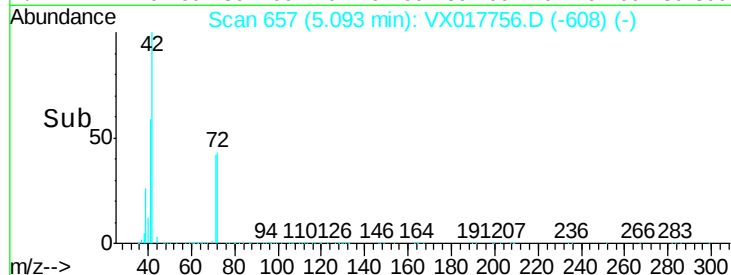
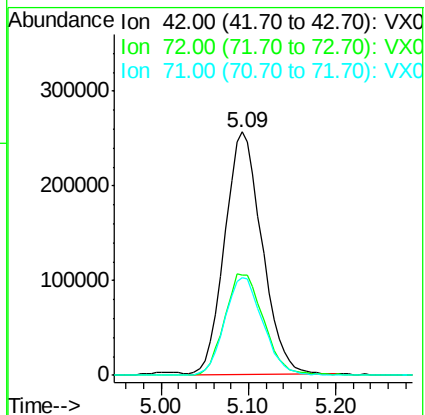
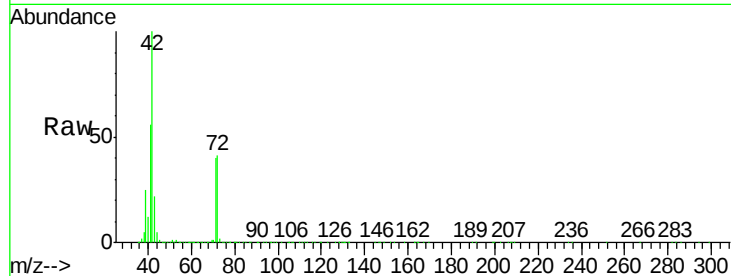
Tot Ion: 42 Resp: 760023

Ion Ratio Lower Upper

42 100

72 44.3 35.5 53.3

71 41.1 33.0 49.4



#30

Chloroform

Concen: 45.590 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017756.D

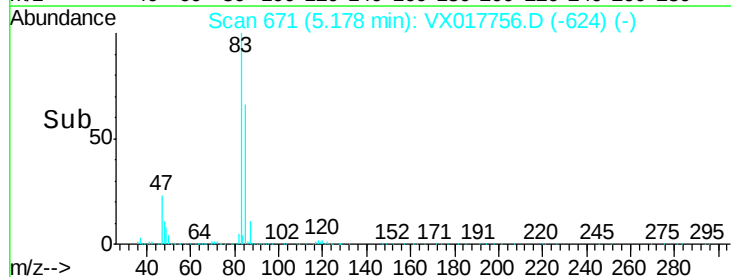
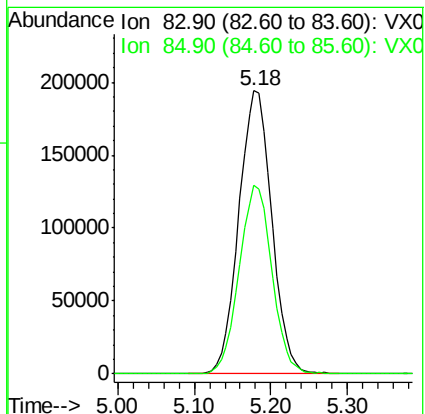
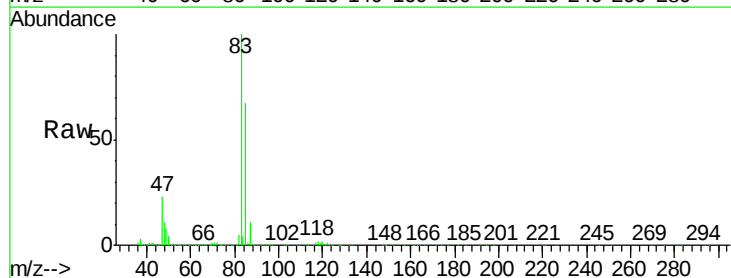
Acq: 03 Aug 2020 19:34

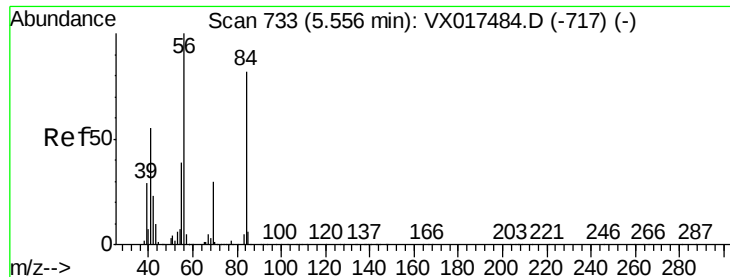
Tgt Ion: 83 Resp: 582607

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.2

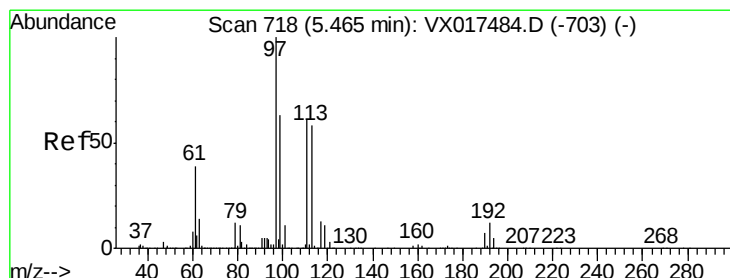
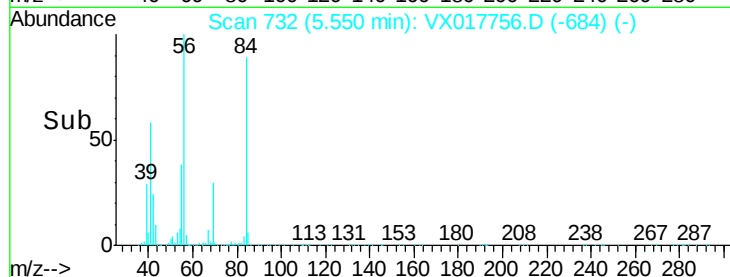
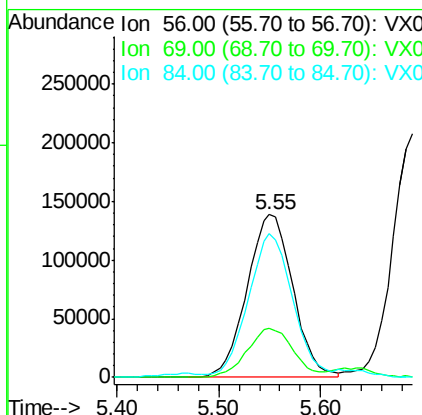
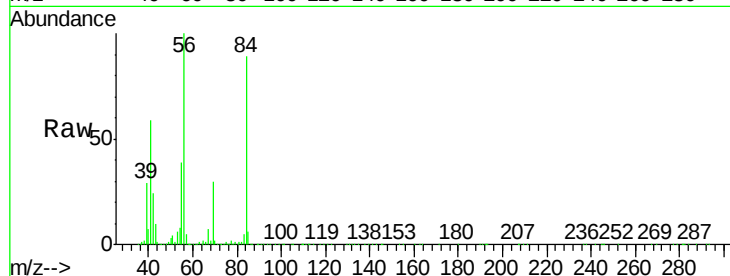




#31
Cyclohexane
Concen: 43.437 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

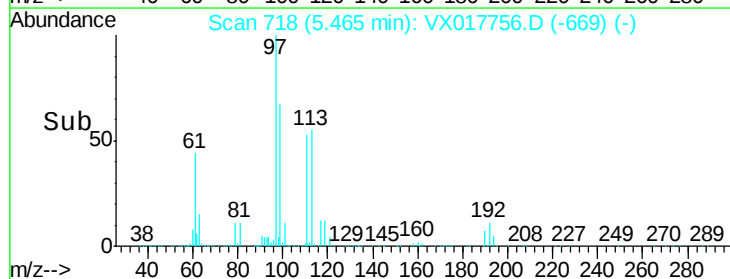
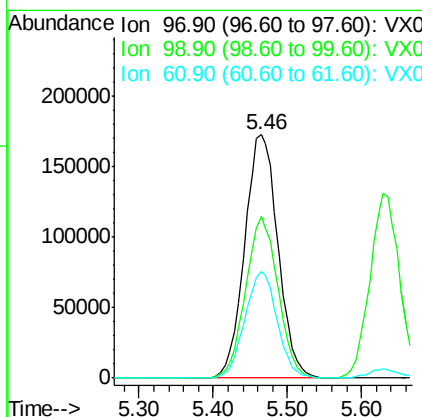
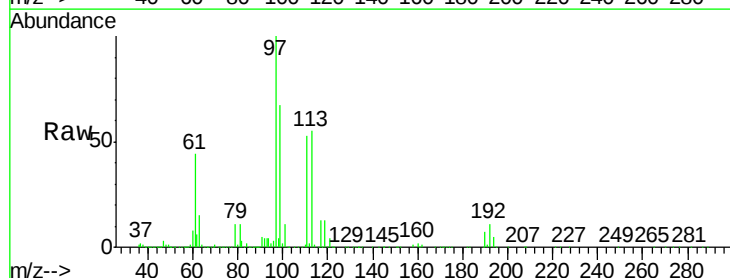
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

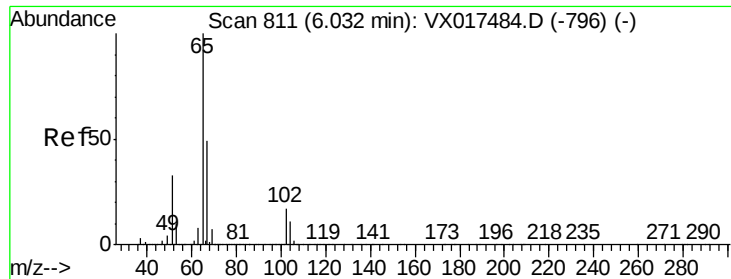
Tot Ion: 56 Resp: 433225
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 86.2 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 44.899 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 97 Resp: 541065
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 42.4 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 43.623 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

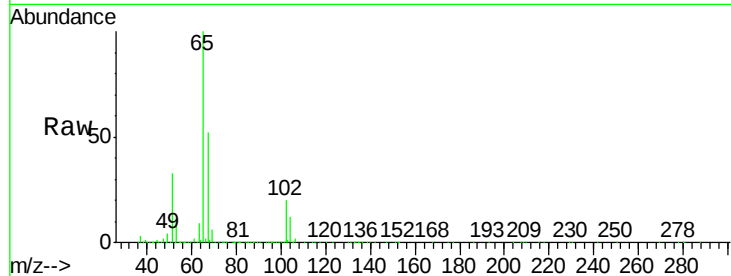
VSTDCCC050EC

Tot Ion: 65 Resp: 352790

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

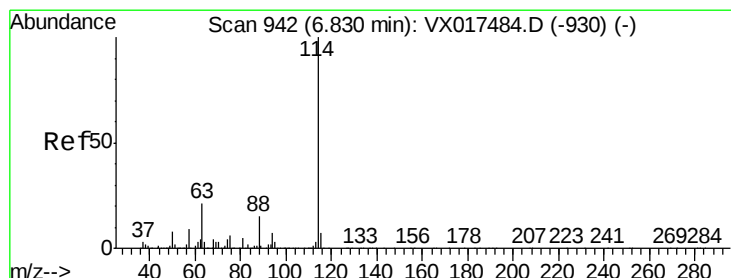
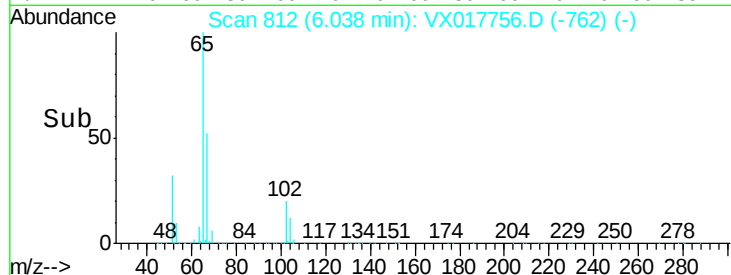
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

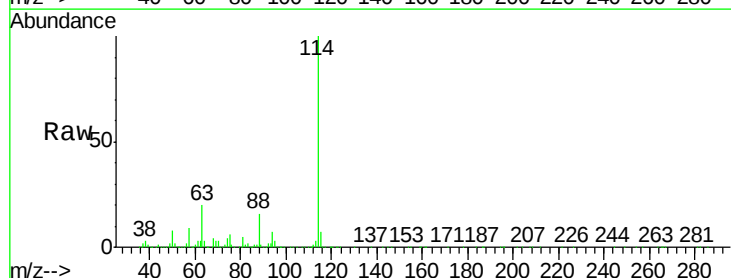
Tgt Ion: 114 Resp: 984549

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 16.4 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

6.83

500000

400000

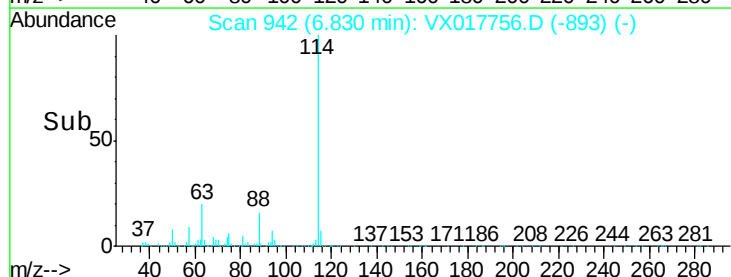
300000

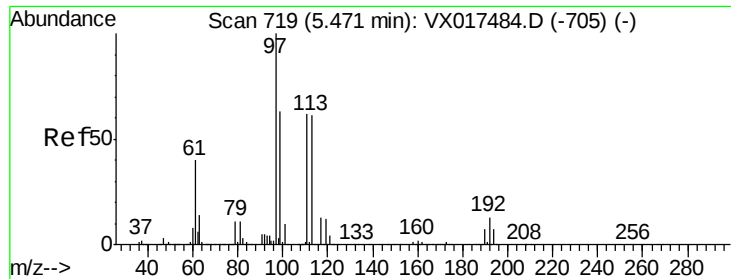
200000

100000

0

Time-->

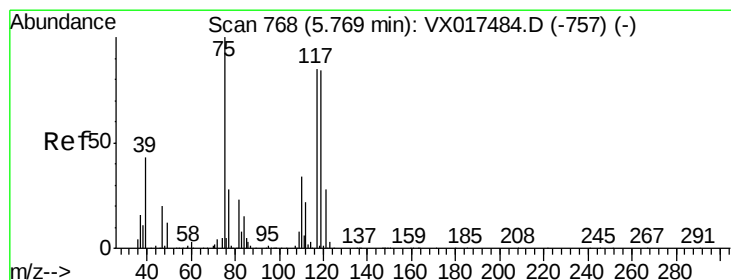
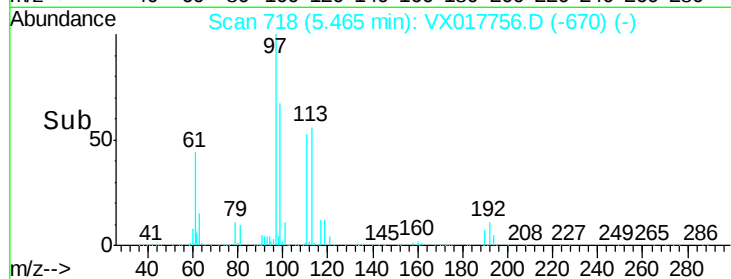
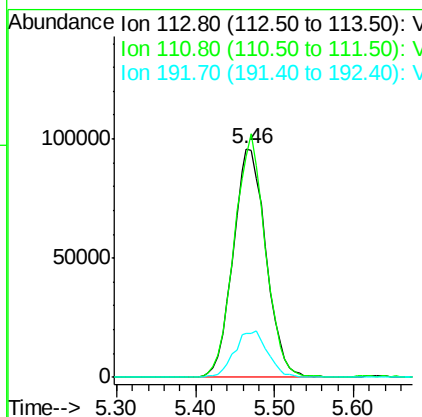
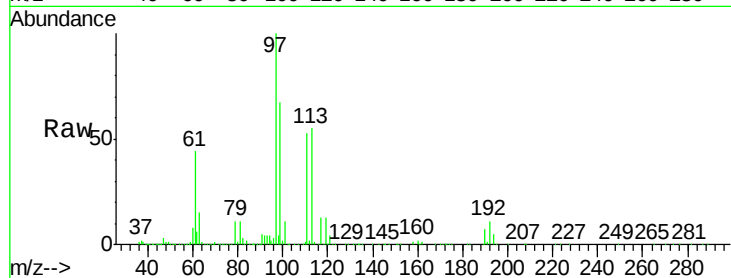




#35
 Dibromofluoromethane
 Concen: 42.297 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

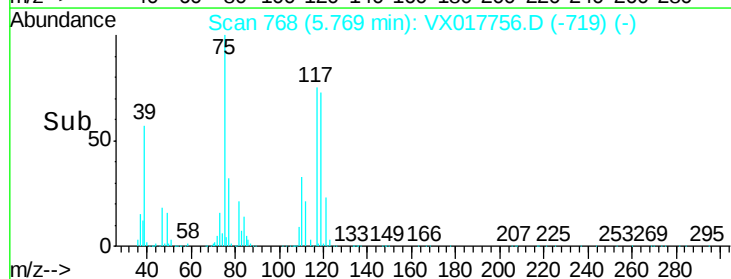
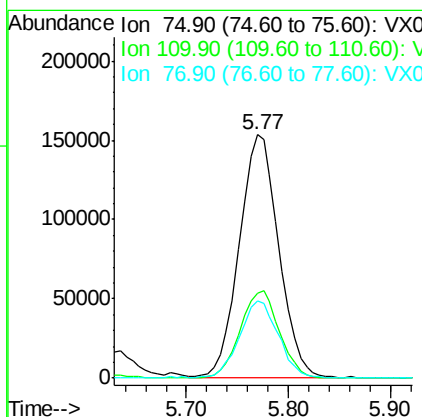
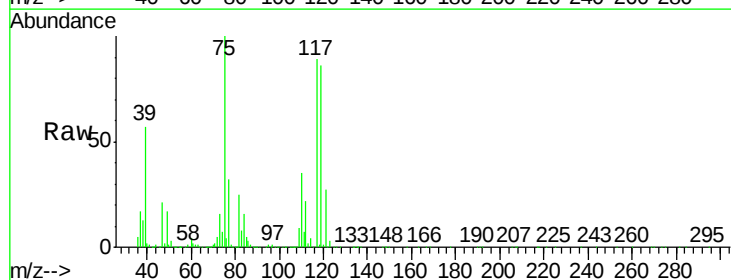
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

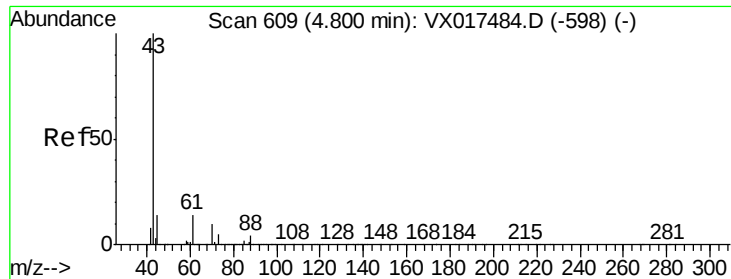
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.7	121.1
192	20.6	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 43.471 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.3
77	31.7	24.6	37.0

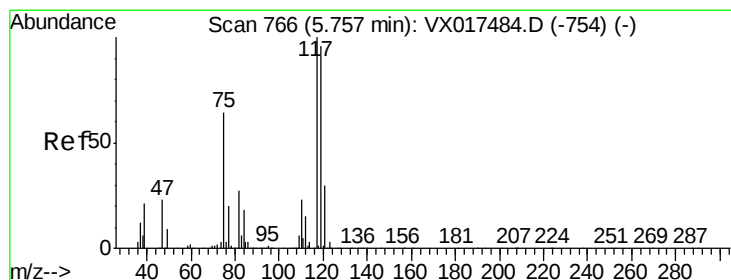
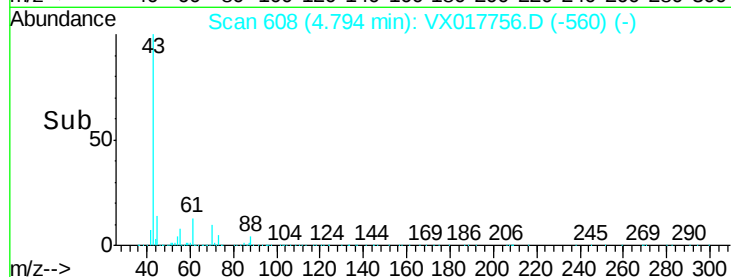
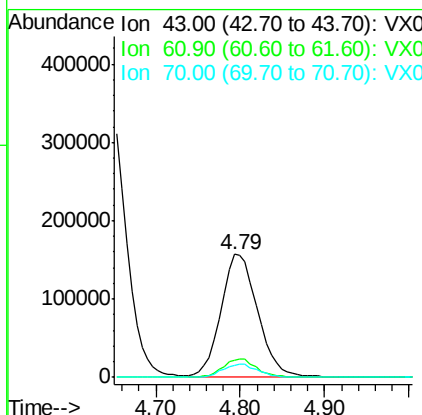
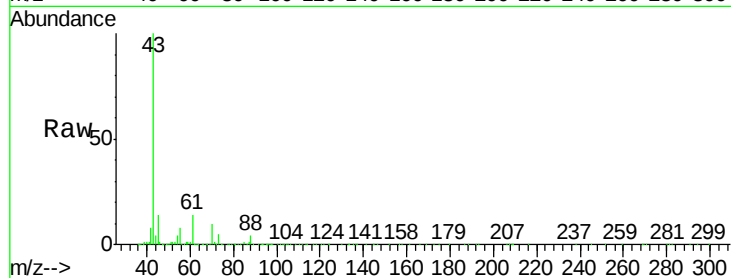




#37
Ethyl Acetate
Concen: 45.023 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

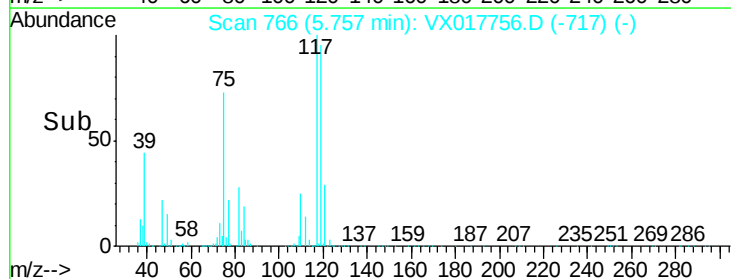
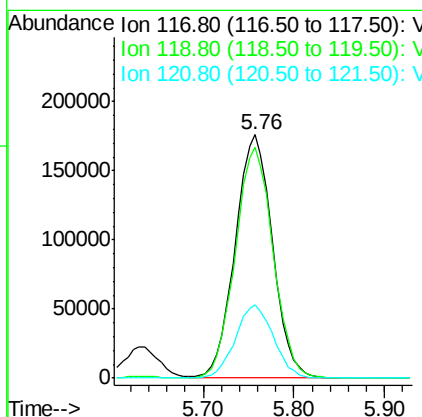
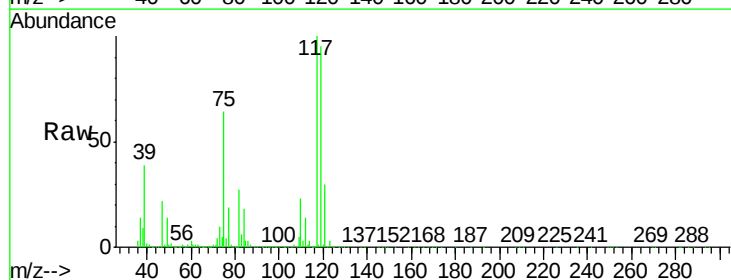
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

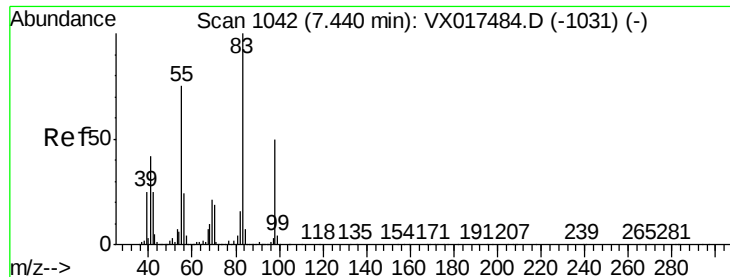
Tot Ion	43	Resp	465170
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.7	16.1
70	10.5	8.5	12.7



#38
Carbon Tetrachloride
Concen: 43.724 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion	117	Resp	501376
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.4	113.0
121	29.9	24.3	36.5

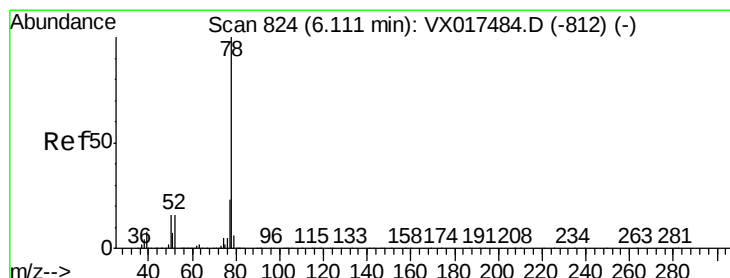
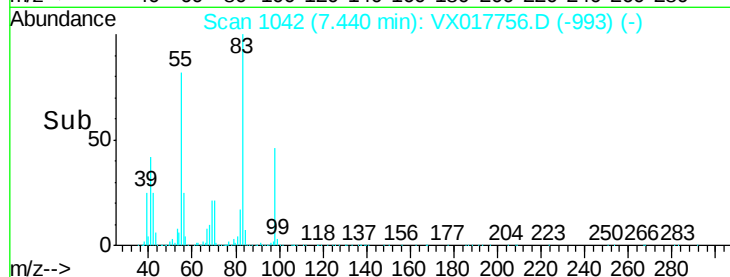
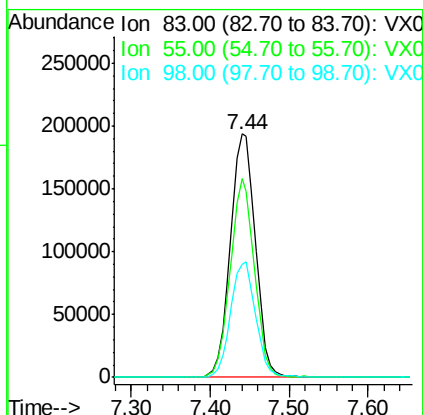
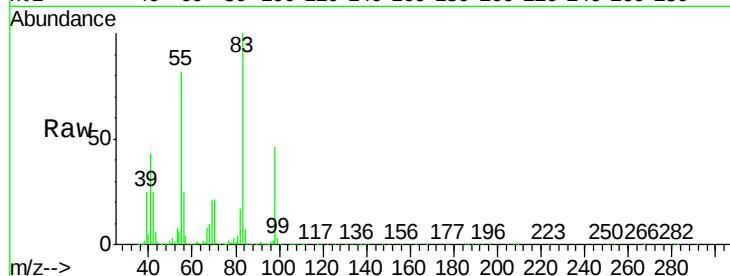




#39
Methvlcvclohexane
Concen: 38.792 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

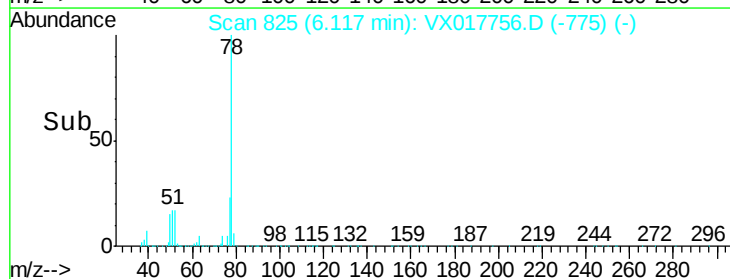
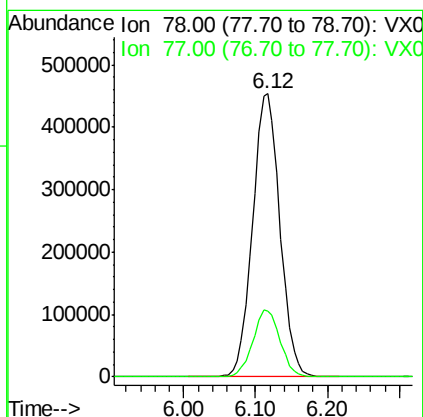
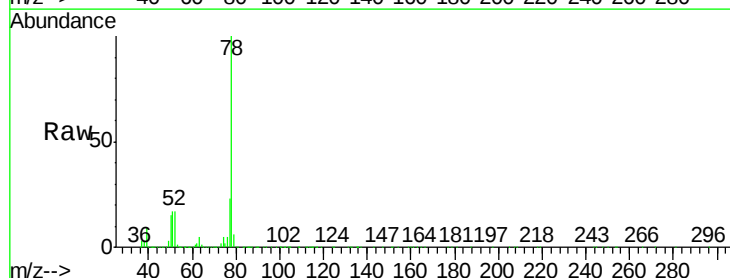
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

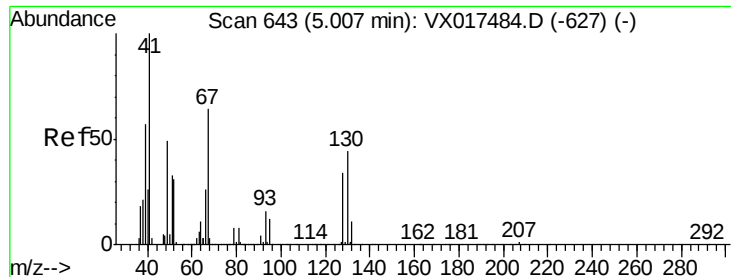
Tot Ion	83	Resp	427614
Ion Ratio	Lower	Upper	
83	100		
55	81.6	61.8	92.8
98	46.4	36.9	55.3



#40
Benzene
Concen: 44.067 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion	78	Resp	1192986
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.4	29.2

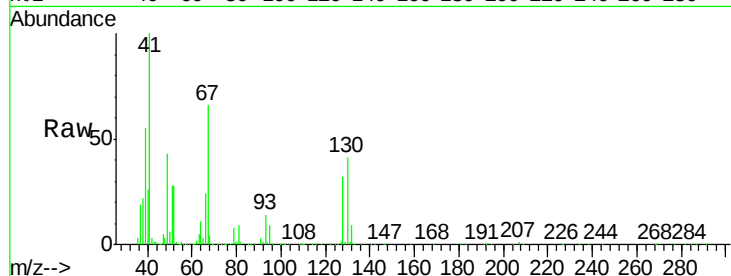




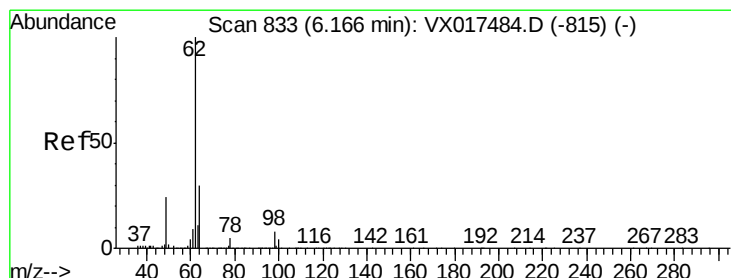
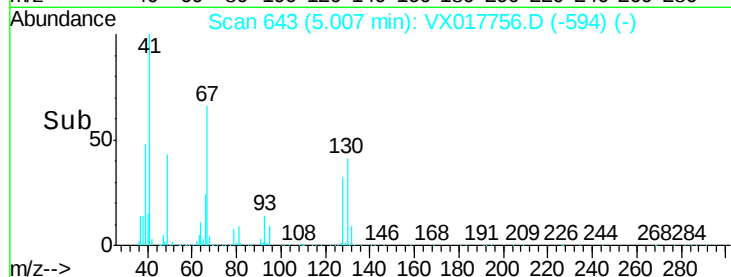
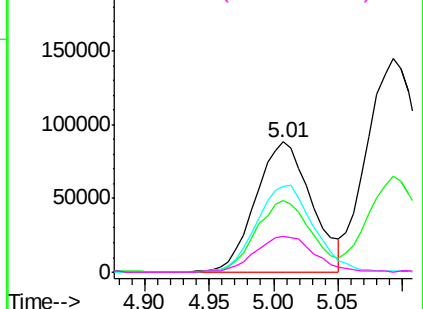
#41
Methacrylonitrile
Concen: 44.738 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	264944
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	68.3	54.0	81.0
52	29.6	23.0	34.6

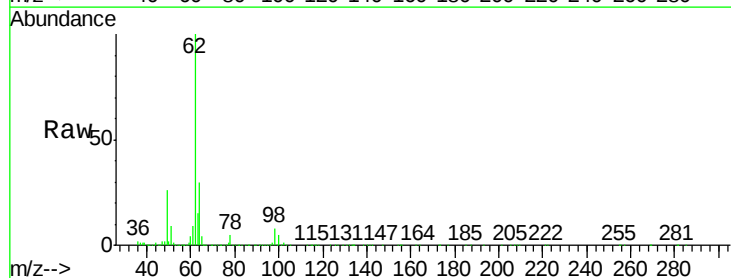


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

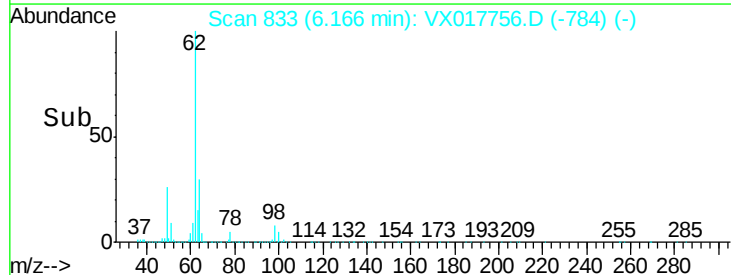
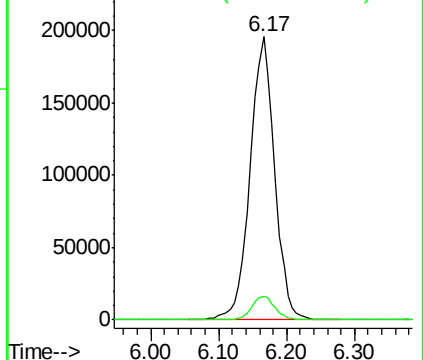


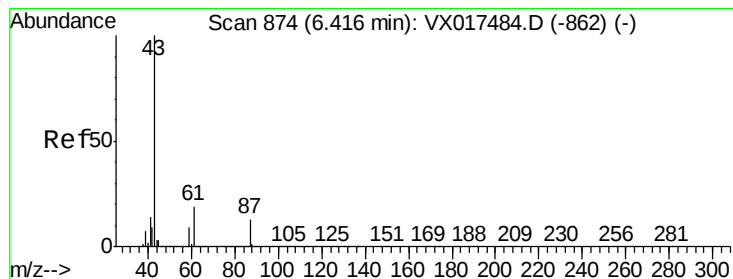
#42
1,2-Dichloroethane
Concen: 44.594 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion:	62	Resp:	493889
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: 45.323 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

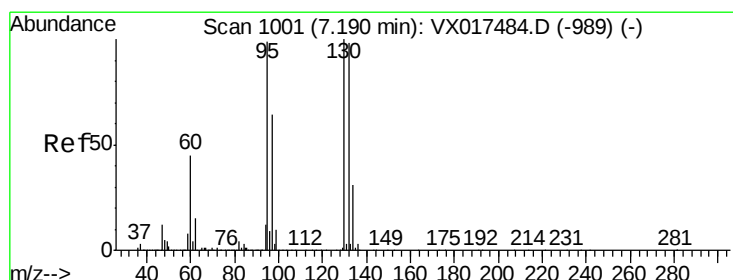
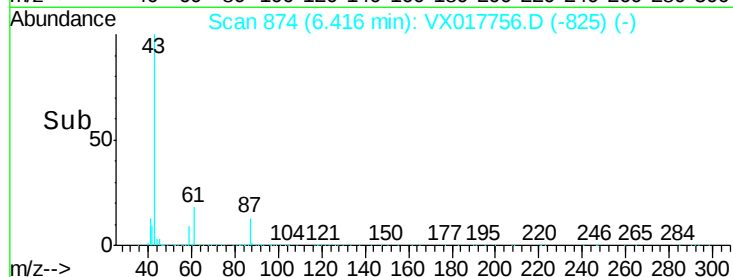
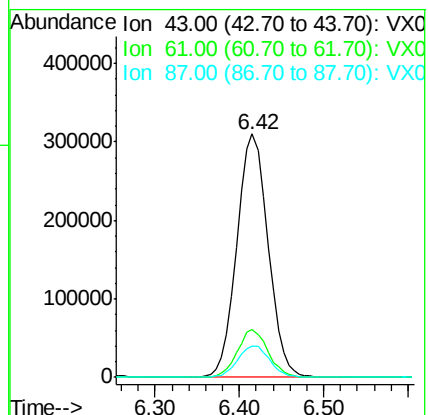
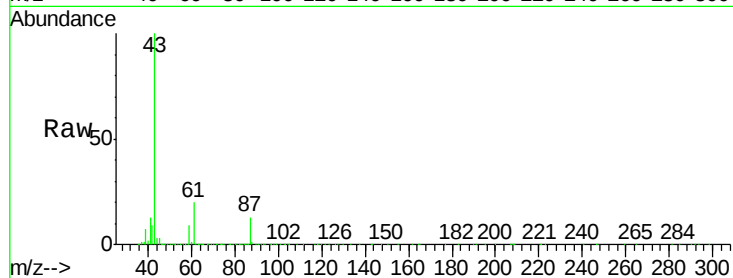
Tot Ion: 43 Resp: 772613

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

87 13.3 10.5 15.7



#44

Trichloroethene

Concen: 44.182 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017756.D

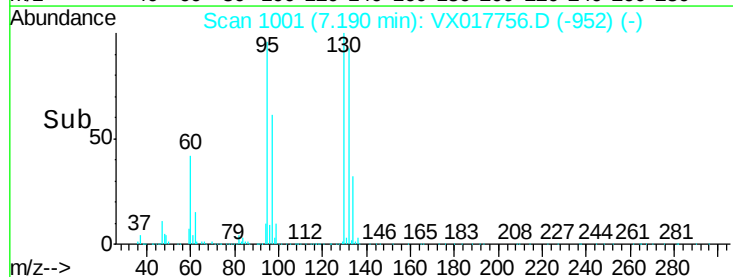
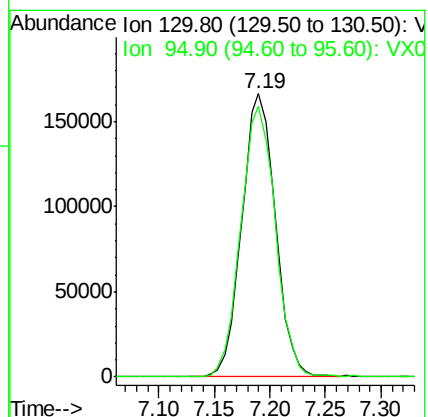
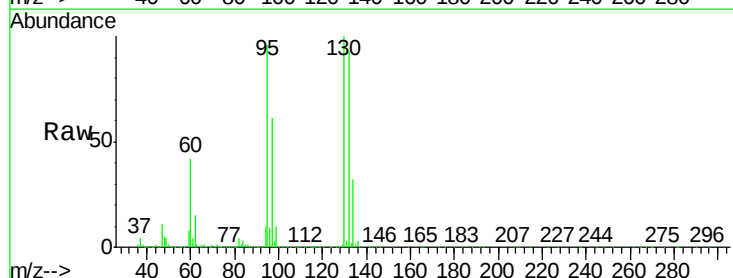
Acq: 03 Aug 2020 19:34

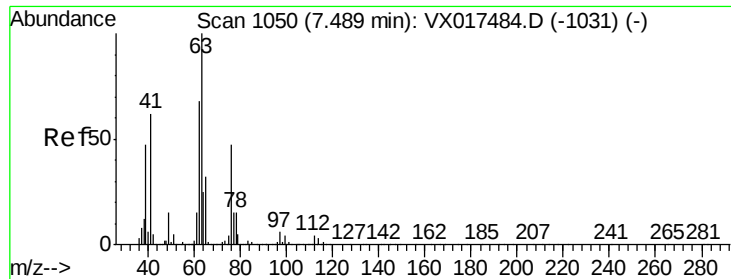
Tgt Ion: 130 Resp: 349544

Ion Ratio Lower Upper

130 100

95 95.7 0.0 189.0





#45

1,2-Dichloropropane

Concen: 43.423 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

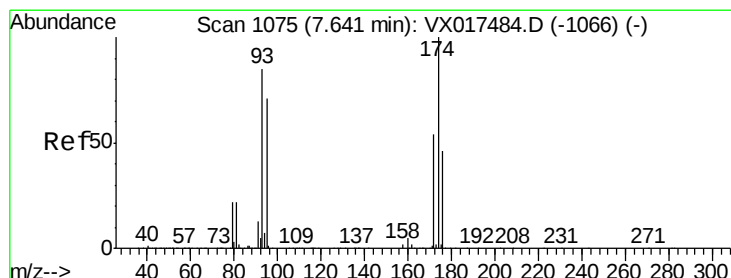
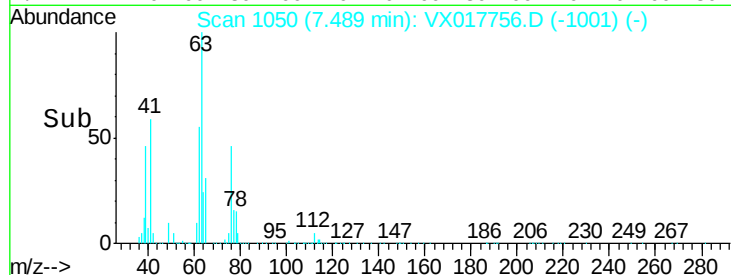
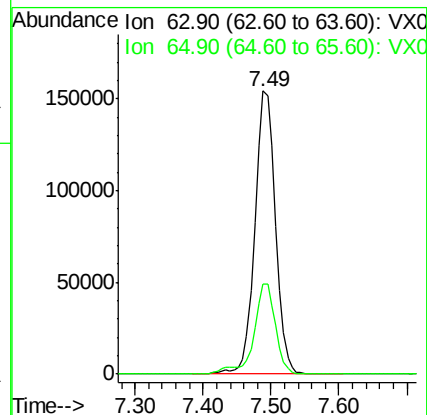
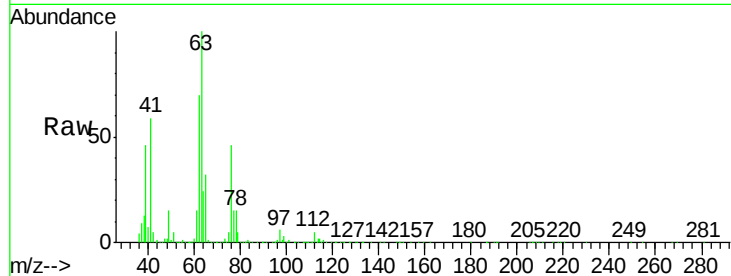
VSTDCCC050EC

Tot Ion: 63 Resp: 325878

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 43.156 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

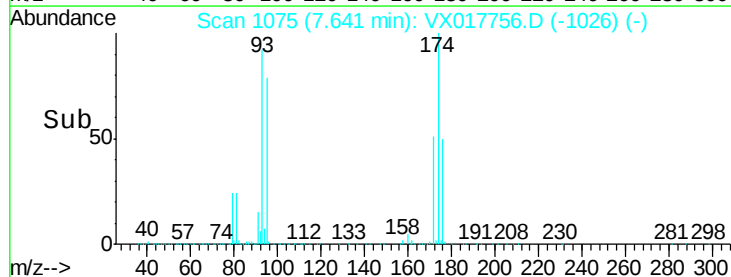
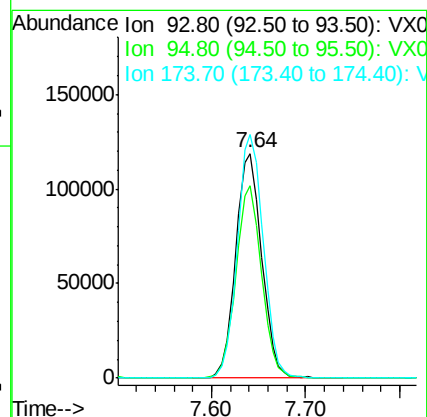
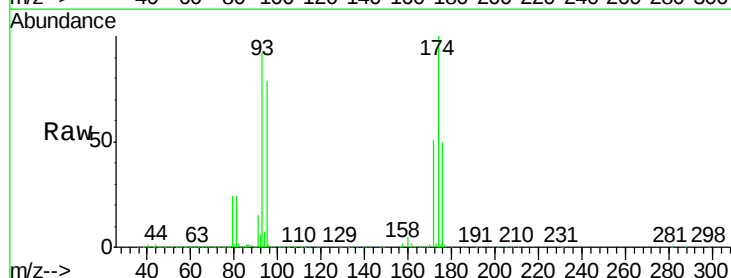
Tgt Ion: 93 Resp: 228886

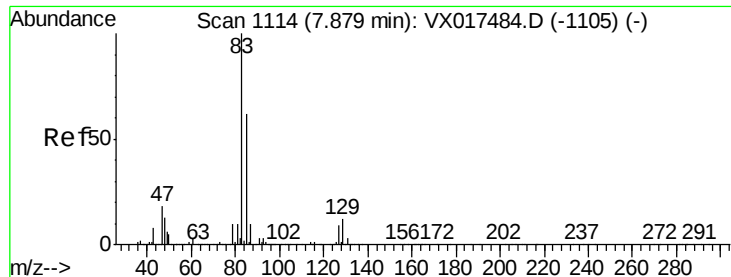
Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

174 108.1 87.0 130.6





#47

Bromodichloromethane

Concen: 45.409 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

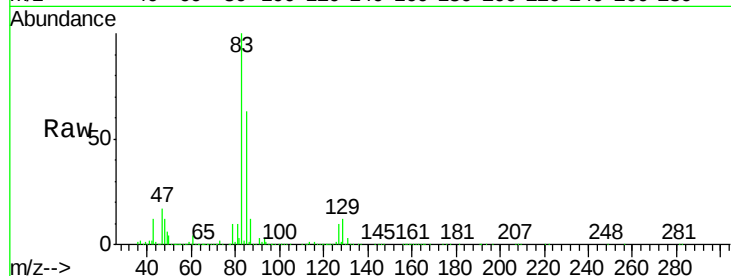
Tot Ion: 83 Resp: 484591

Ion Ratio Lower Upper

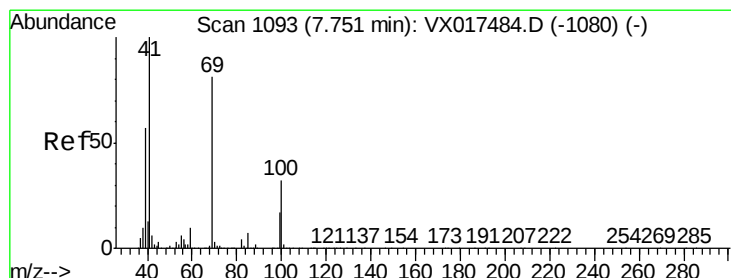
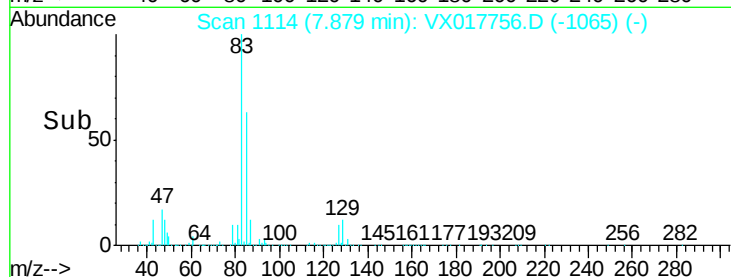
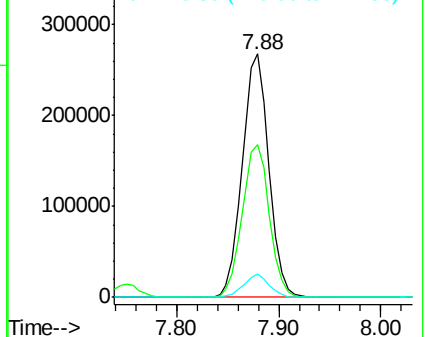
83 100

85 62.7 51.8 77.8

127 9.9 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: 45.899 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

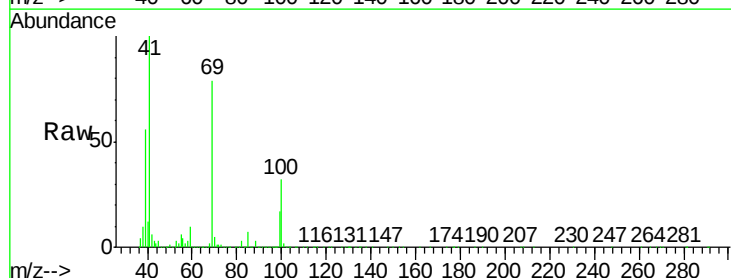
Tgt Ion: 41 Resp: 387842

Ion Ratio Lower Upper

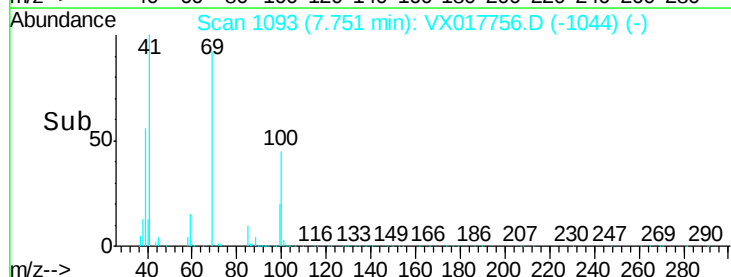
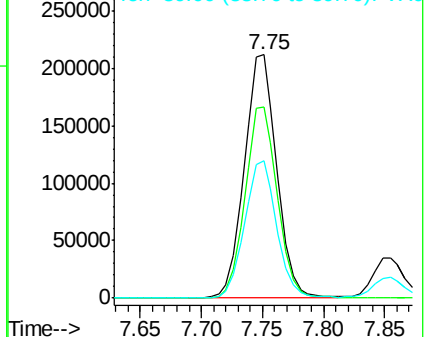
41 100

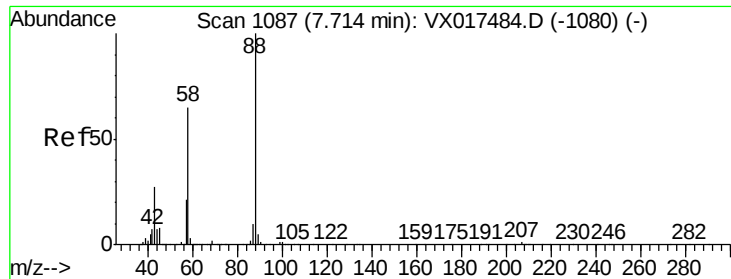
69 78.5 63.1 94.7

39 55.8 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: 797.317 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

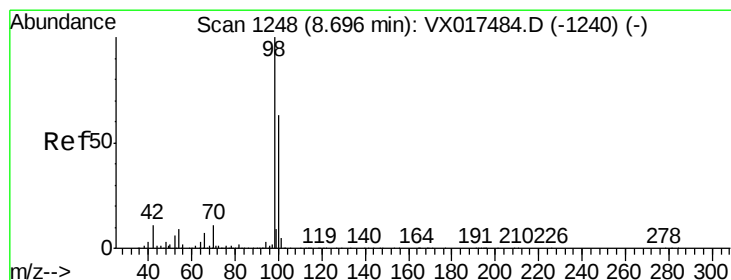
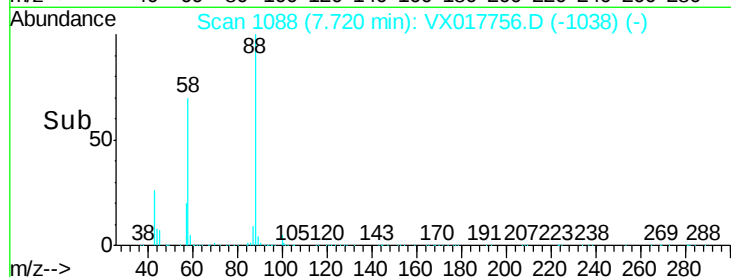
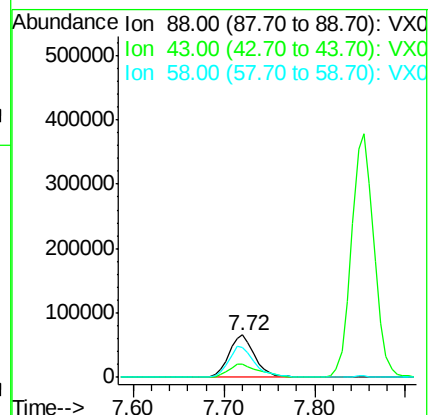
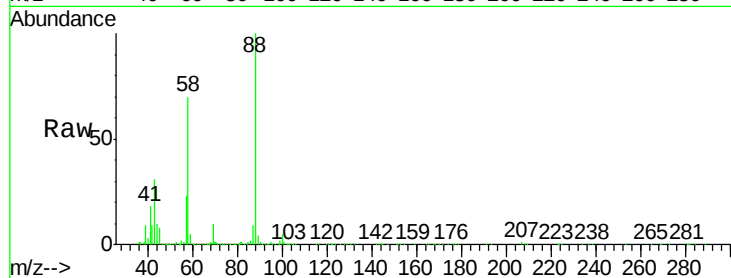
Tot Ion: 88 Resp: 129170

Ion Ratio Lower Upper

88 100

43 38.3 27.8 41.6

58 75.8 58.3 87.5



#50

Toluene-d8

Concen: 41.722 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017756.D

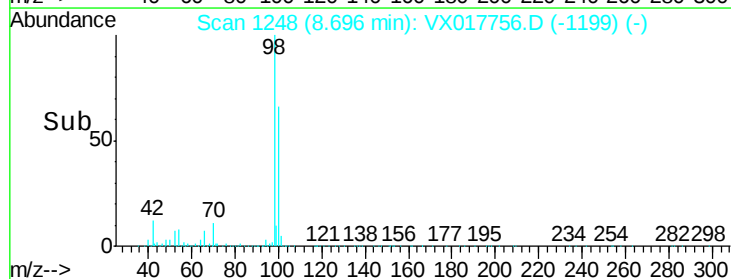
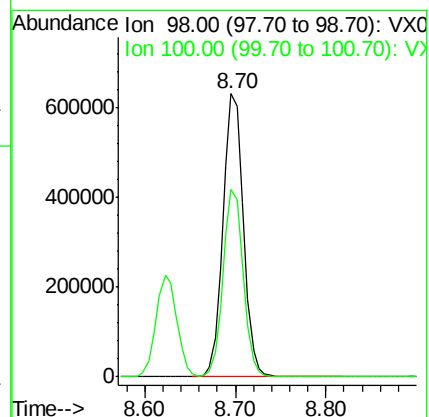
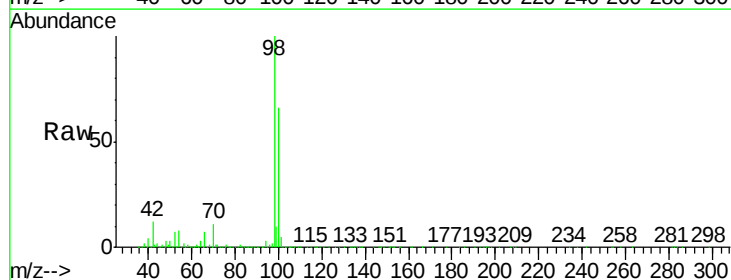
Acq: 03 Aug 2020 19:34

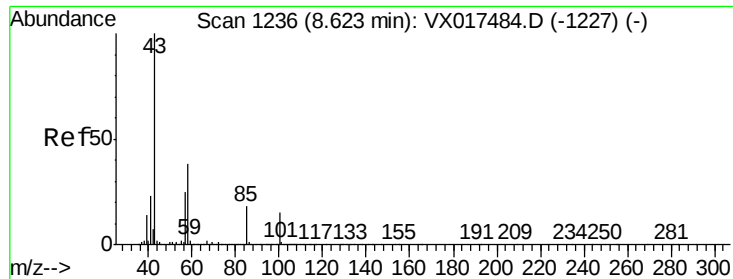
Tgt Ion: 98 Resp: 991070

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

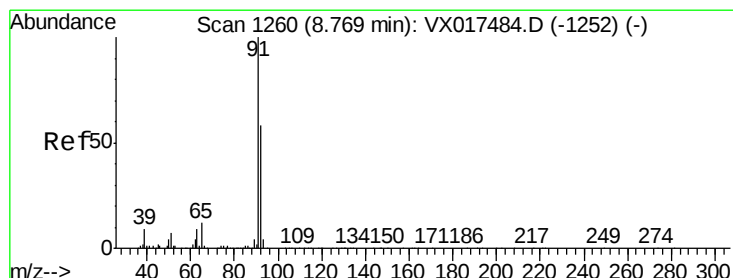
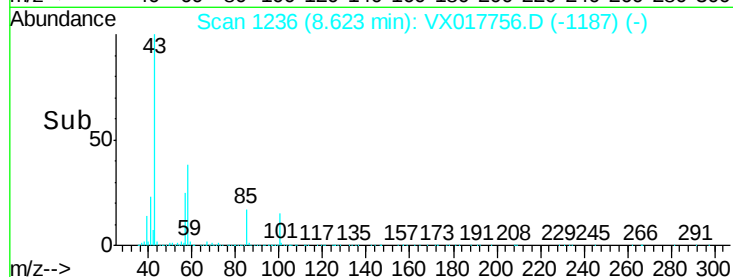
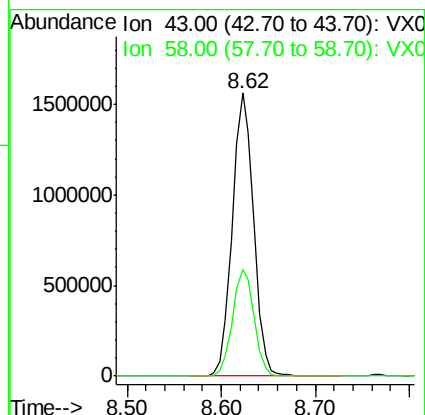
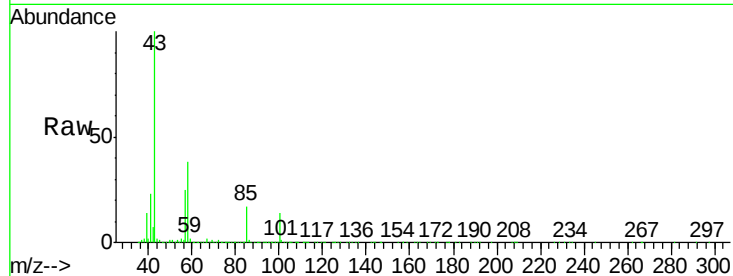




#51
 4-Methyl-2-Pentanone
 Concen: 240.958 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

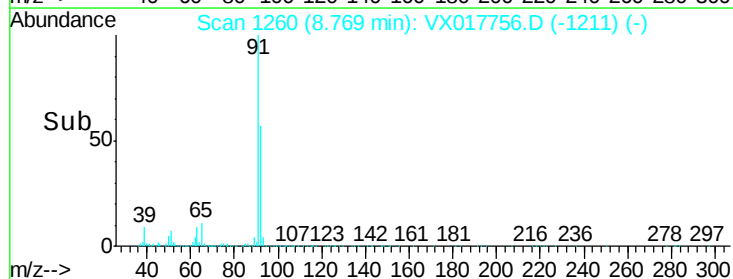
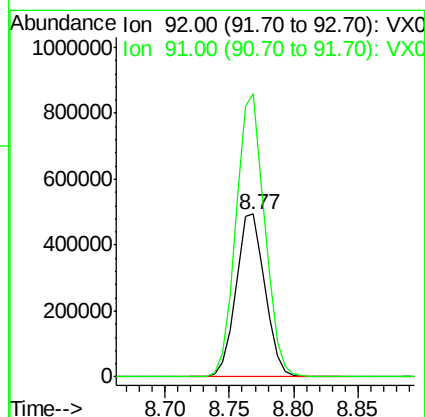
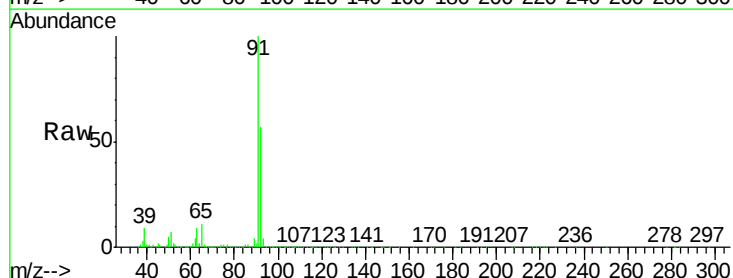
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

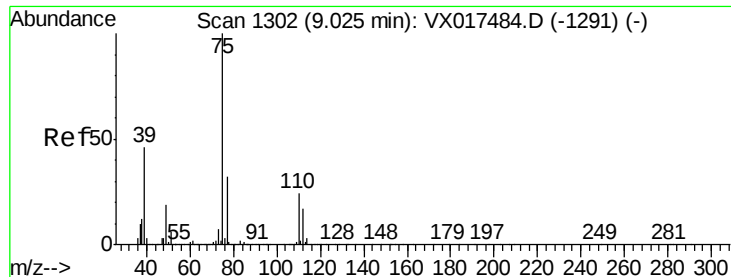
Tot Ion: 43 Resp: 2450831
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.0 46.4



#52
 Toluene
 Concen: 44.565 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion: 92 Resp: 773721
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 44.721 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

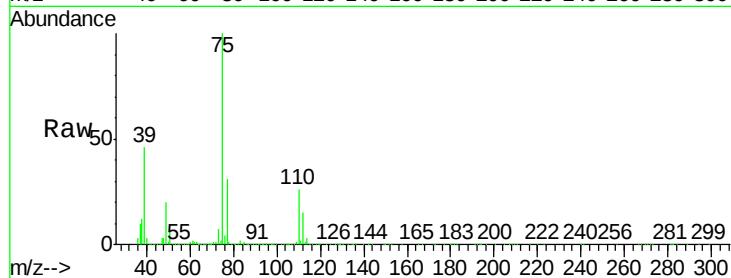
VSTDCCC050EC

Tot Ion: 75 Resp: 534237

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

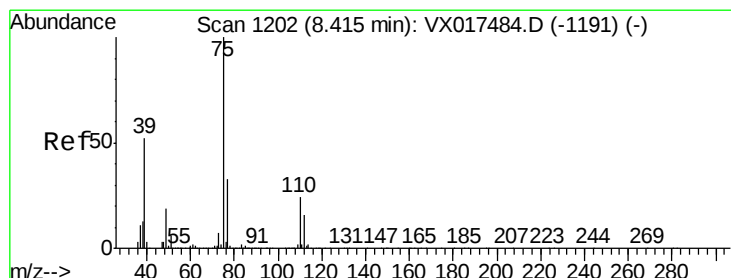
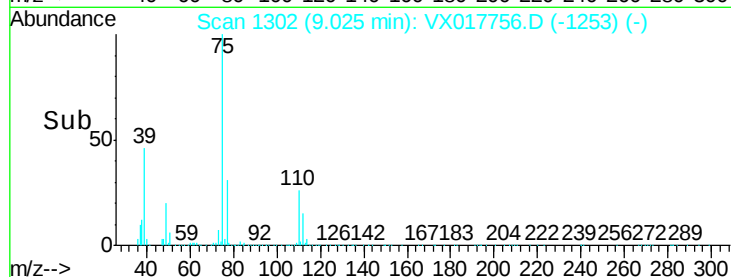
300000

200000

100000

0

Time--> 8.90 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 44.642 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

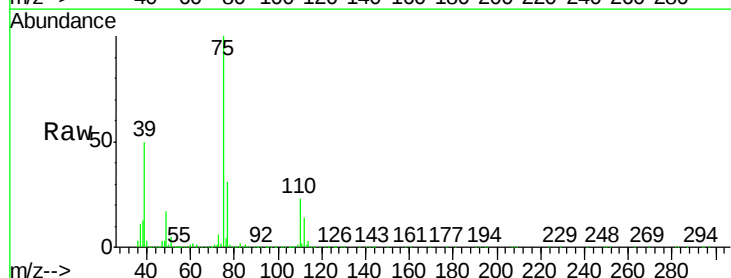
Tgt Ion: 75 Resp: 543959

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 49.5 41.8 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

400000

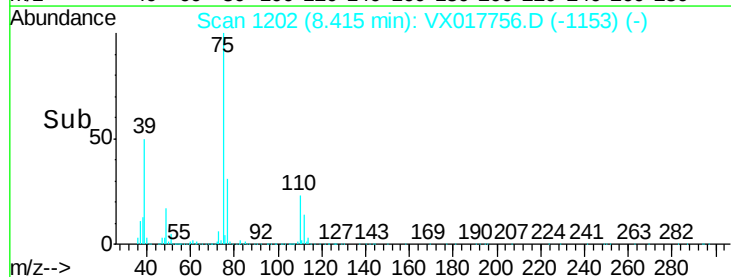
300000

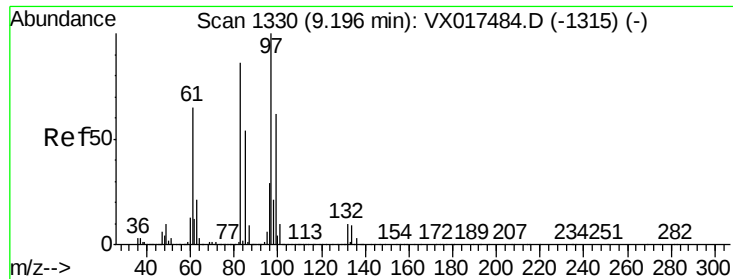
200000

100000

0

Time--> 8.30 8.40 8.50

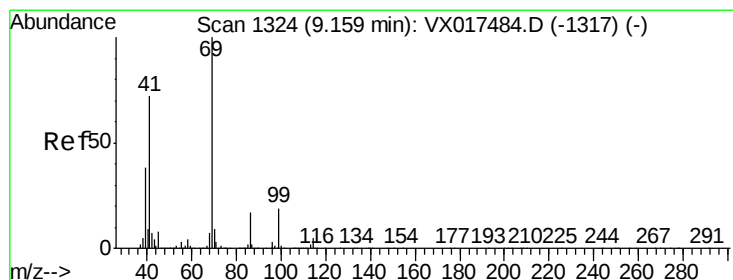
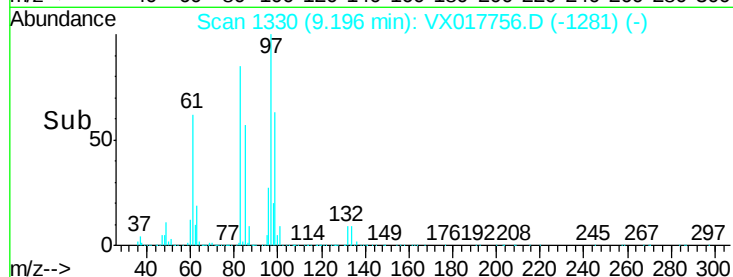
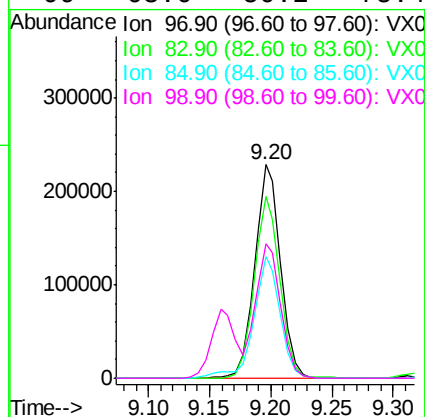
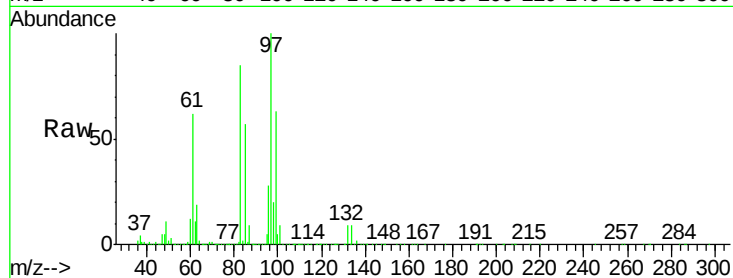




#55
 1,1,2-Trichloroethane
 Concen: 46.375 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

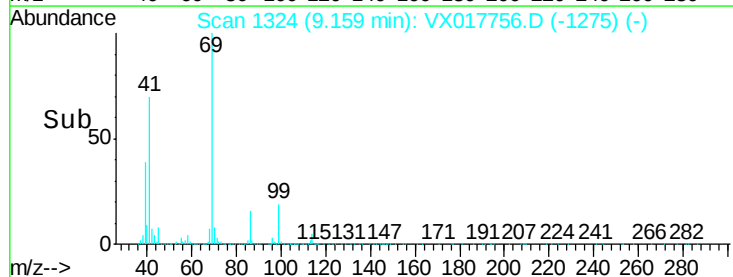
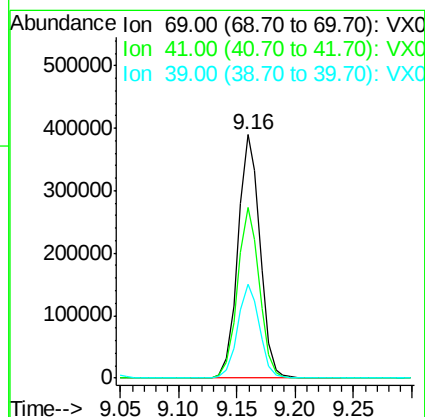
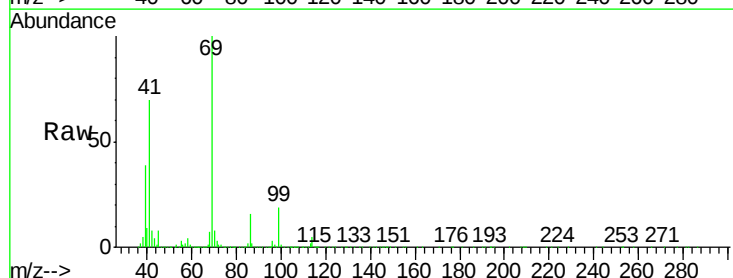
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

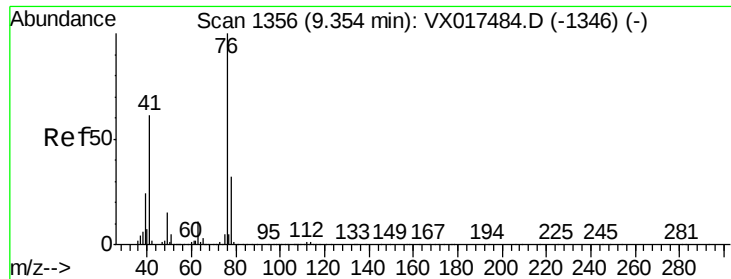
Tot Ion:	97	Resp:	335403
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.6	101.4
85	56.9	44.6	67.0
99	63.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 47.198 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion:	69	Resp:	514280
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.0	82.6
39	38.1	30.0	45.0





#57

1,3-Dichloropropane

Concen: 46.587 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

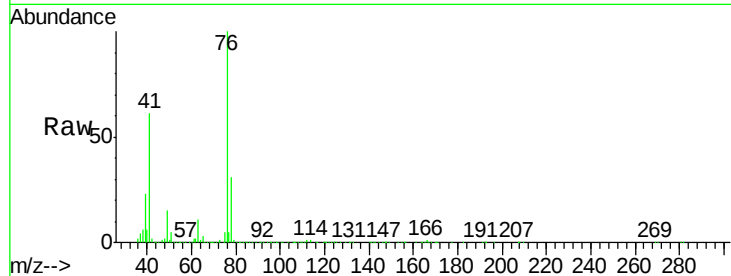
VSTDCCC050EC

Tot Ion: 76 Resp: 554813

Ion Ratio Lower Upper

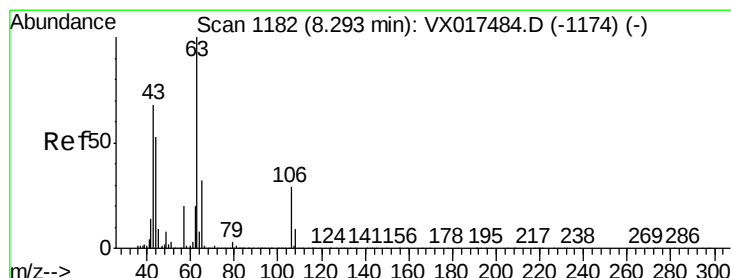
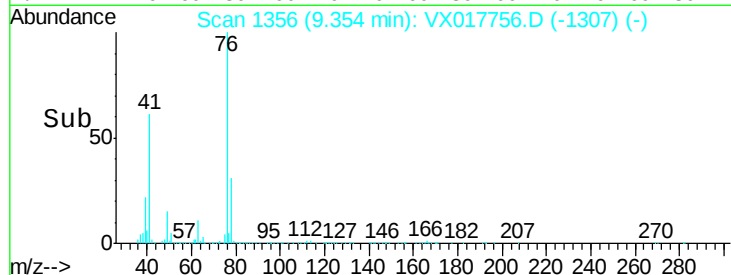
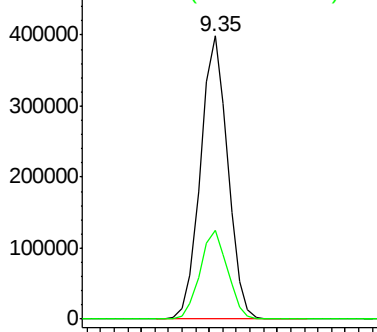
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 215.449 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017756.D

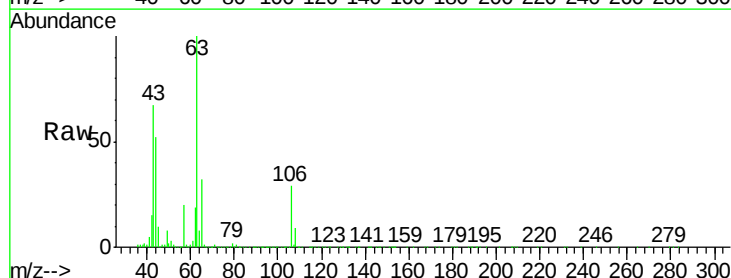
Acq: 03 Aug 2020 19:34

Tgt Ion: 63 Resp: 1236813

Ion Ratio Lower Upper

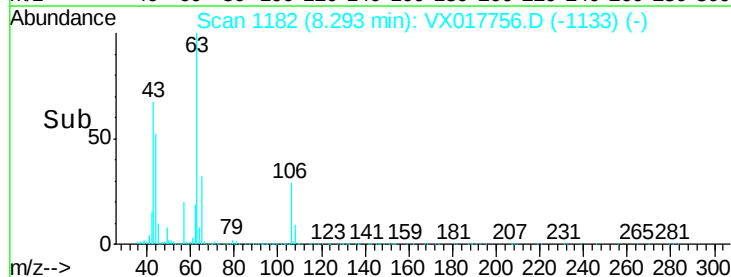
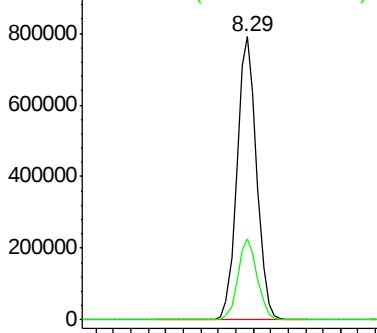
63 100

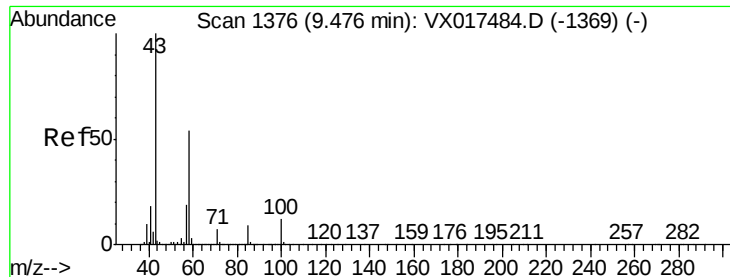
106 28.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

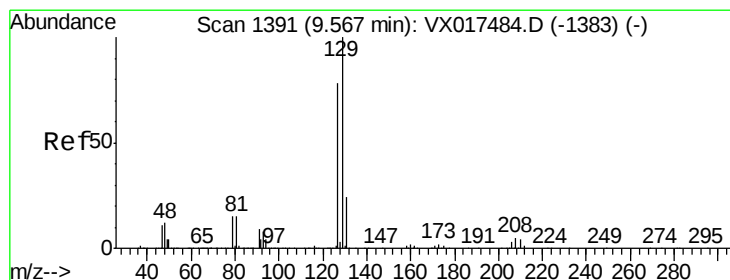
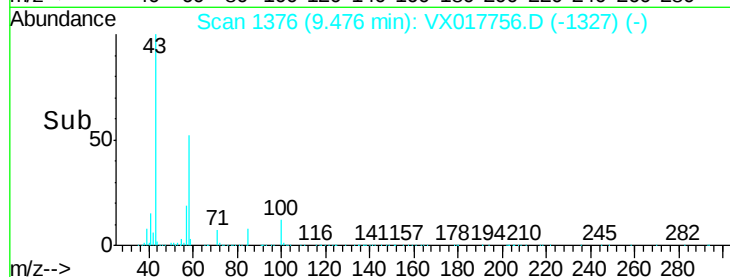
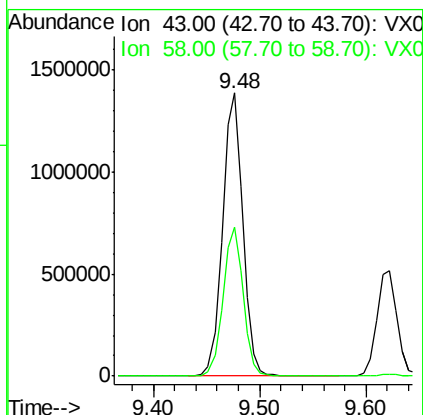
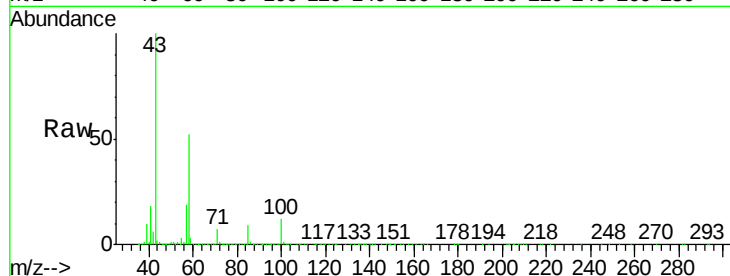




#59
2-Hexanone
Concen: 240.135 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

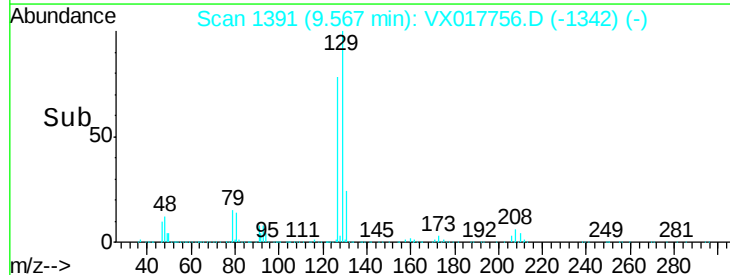
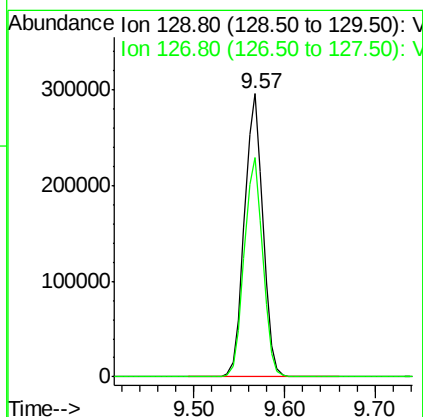
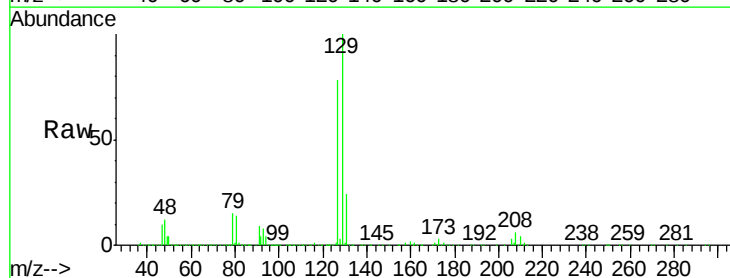
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

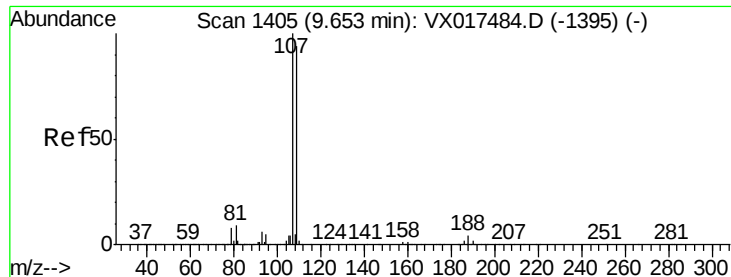
Tot Ion: 43 Resp: 1838895
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8



#60
Dibromochloromethane
Concen: 45.404 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 129 Resp: 417381
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.045 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

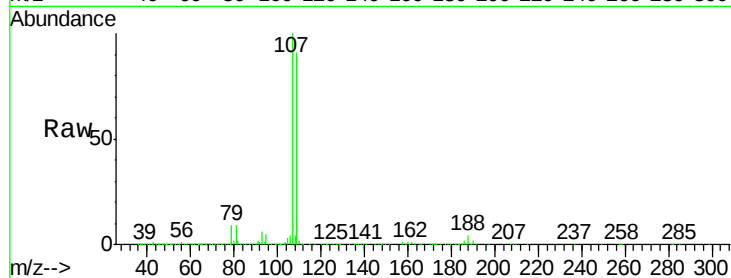
VSTDCCC050EC

Tot Ion: 107 Resp: 369948

Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

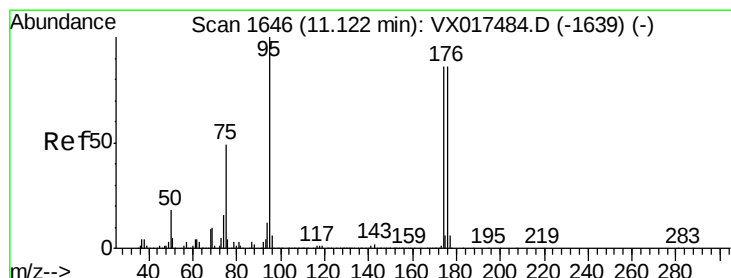
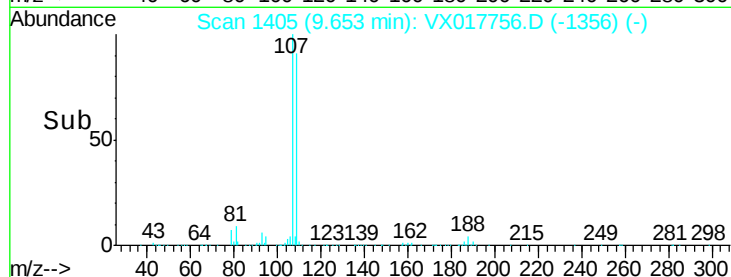
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 42.079 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

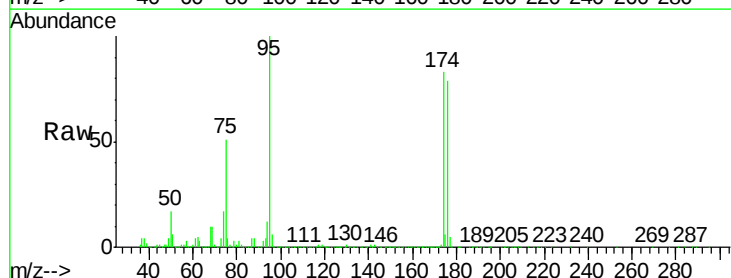
Tgt Ion: 95 Resp: 400020

Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.0

176 80.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

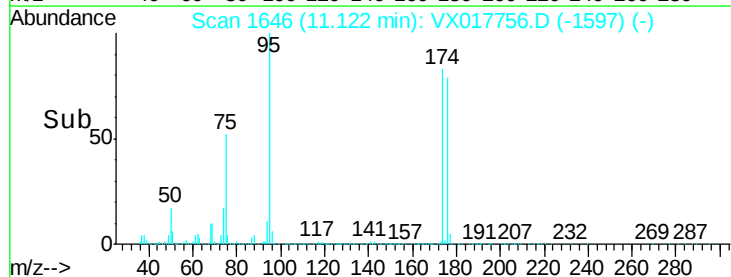
300000

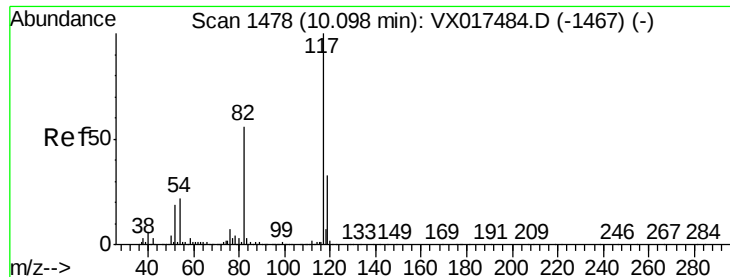
200000

100000

0

Time--> 11.10 11.20

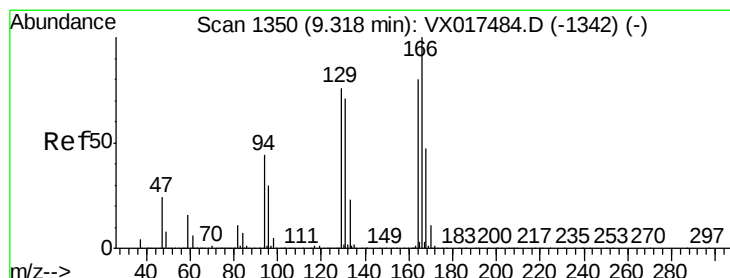
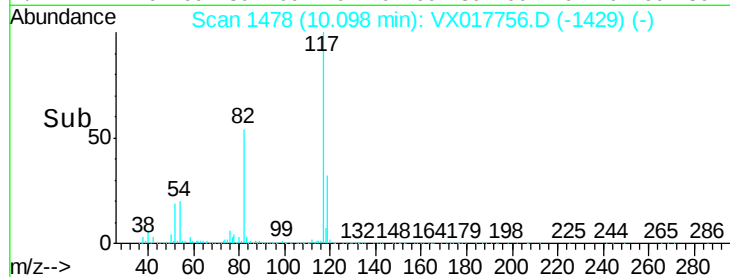
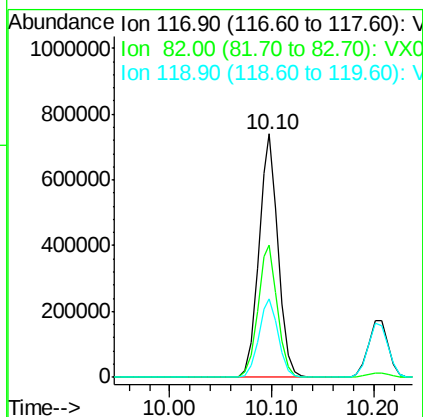
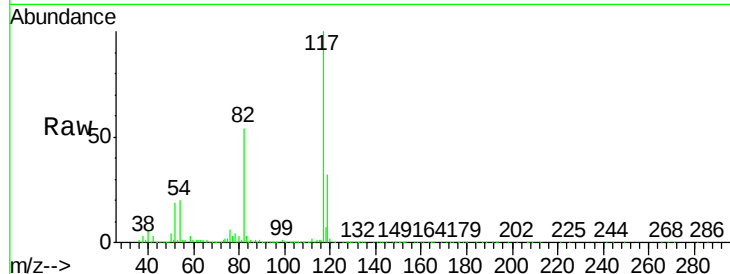




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

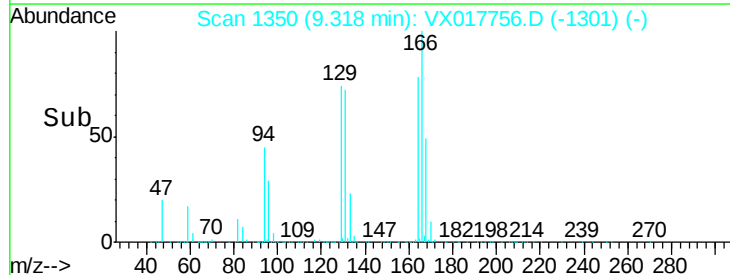
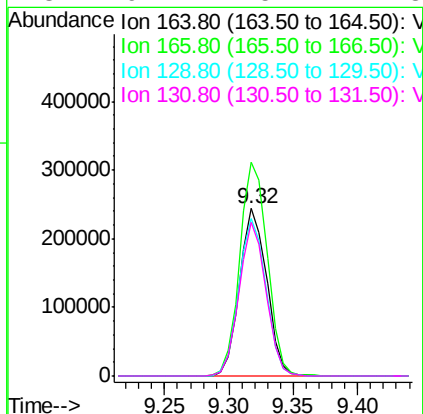
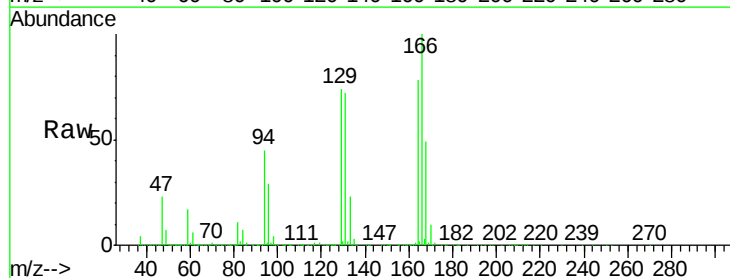
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

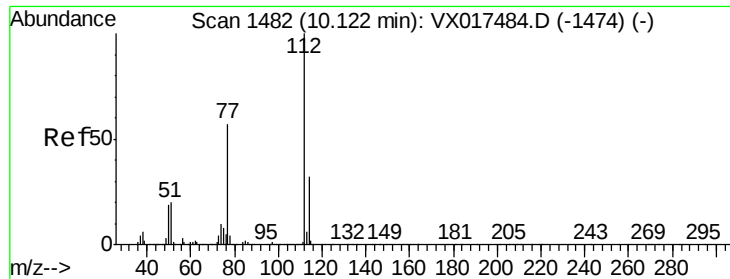
Tot Ion:117 Resp: 969511
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 40.843 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion:164 Resp: 355398
Ion Ratio Lower Upper
164 100
166 127.5 100.6 150.8
129 93.8 75.0 112.6
131 91.4 75.2 112.8

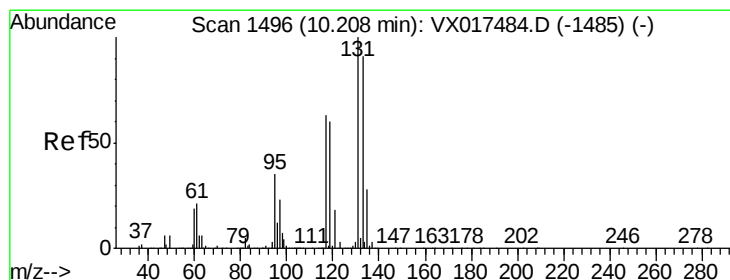
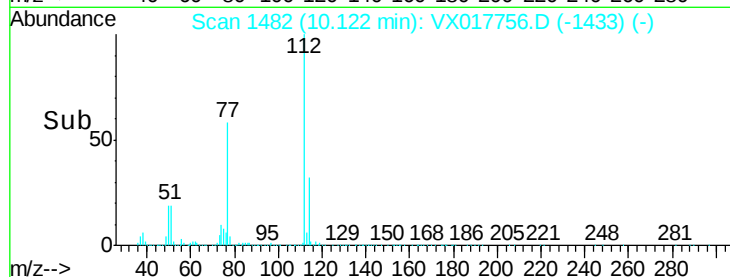
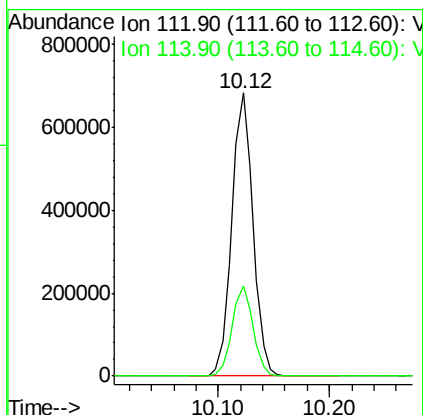
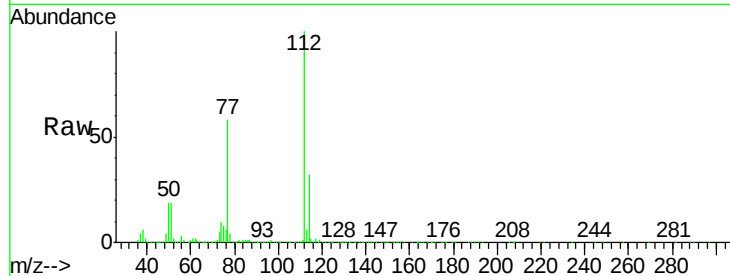




#65
Chlorobenzene
Concen: 42.866 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

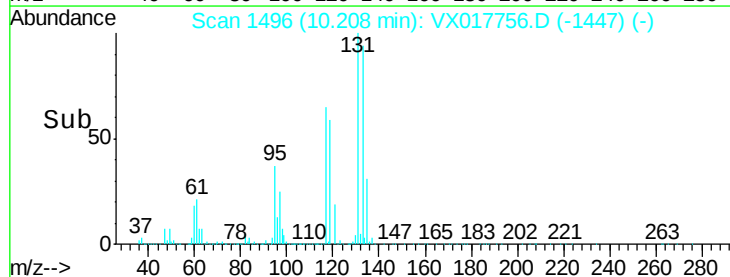
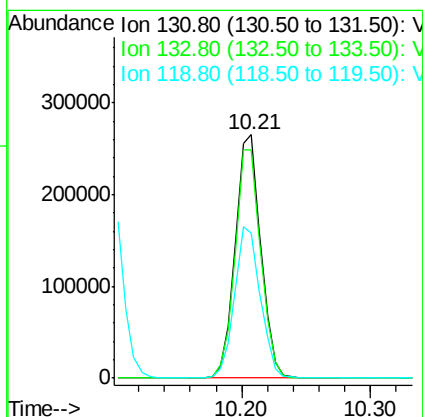
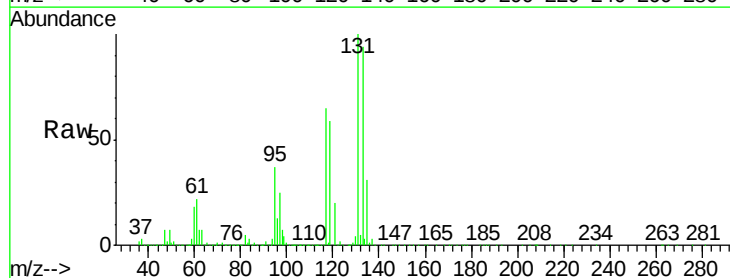
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

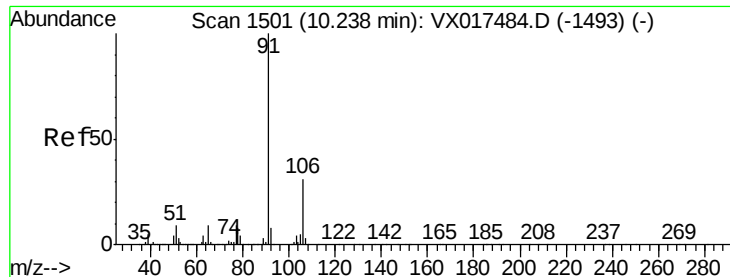
Tot Ion:112 Resp: 899562
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 43.187 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion:131 Resp: 365766
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 62.6 31.1 93.3

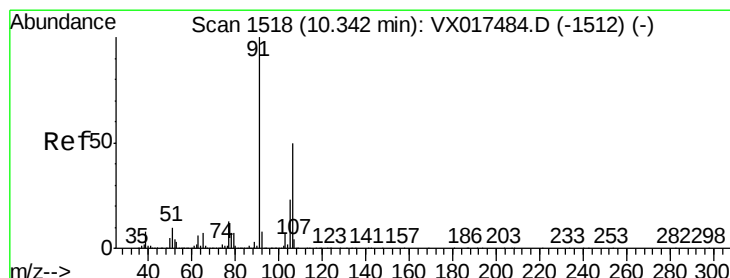
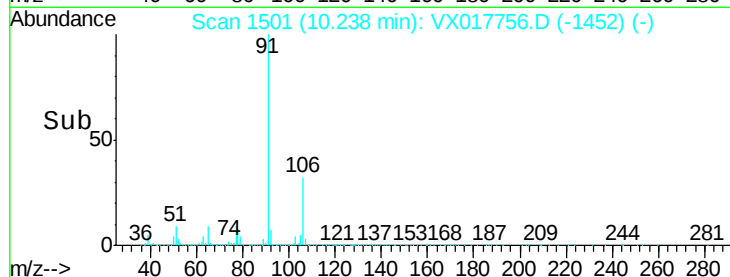
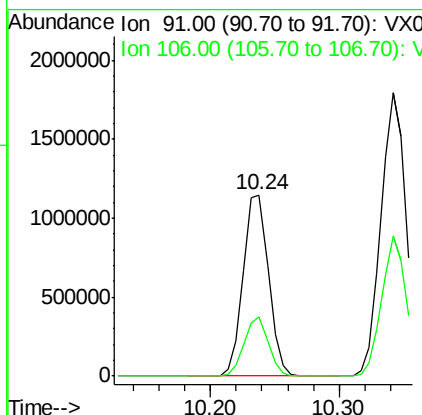
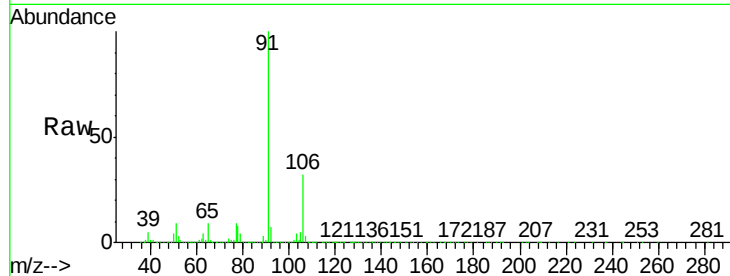




#67
Ethyl Benzene
Concen: 44.685 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

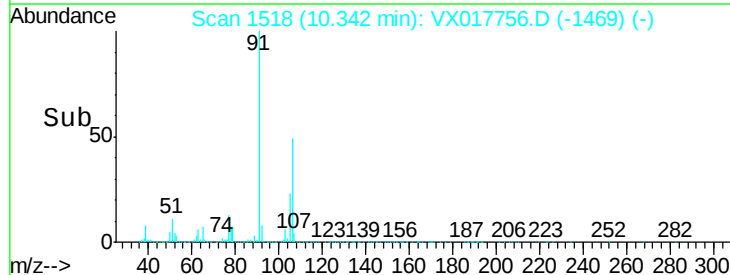
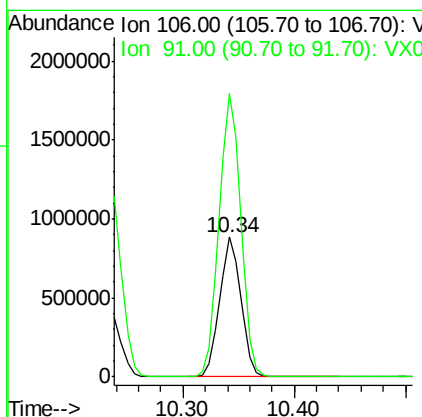
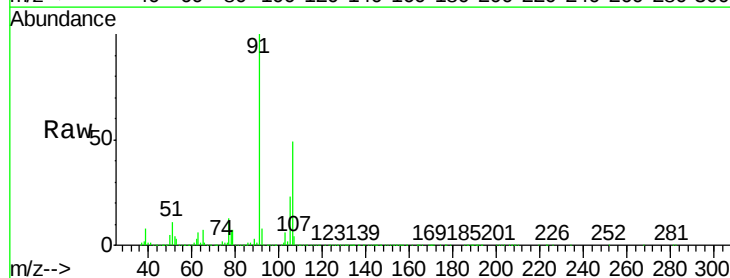
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

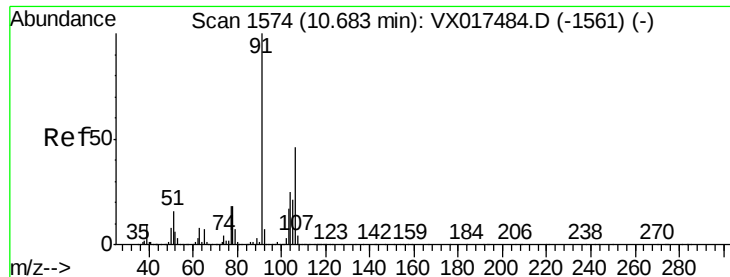
Tot Ion: 91 Resp: 1565320
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 86.278 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 106 Resp: 1170840
Ion Ratio Lower Upper
106 100
91 207.0 160.9 241.3

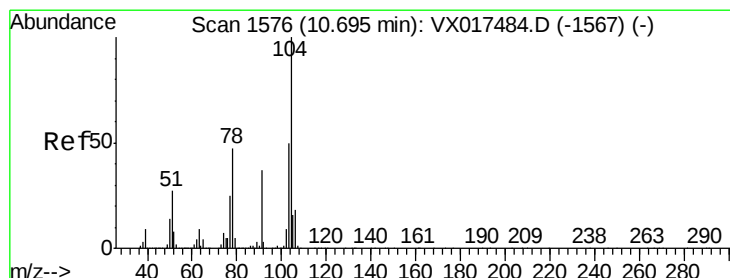
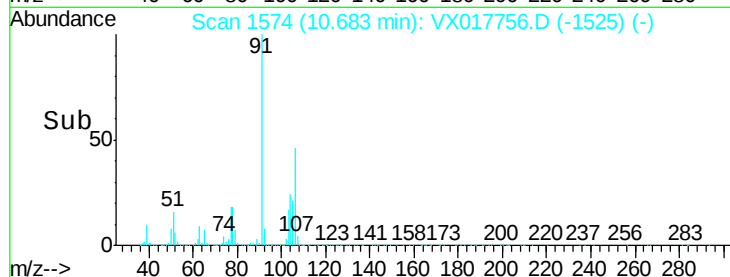
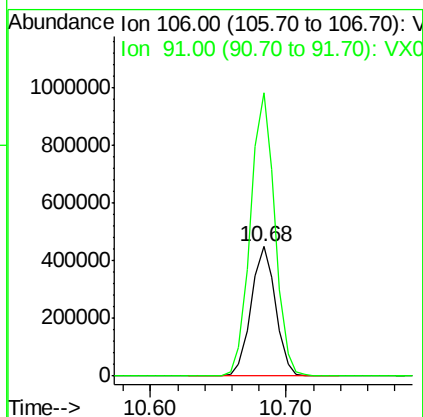
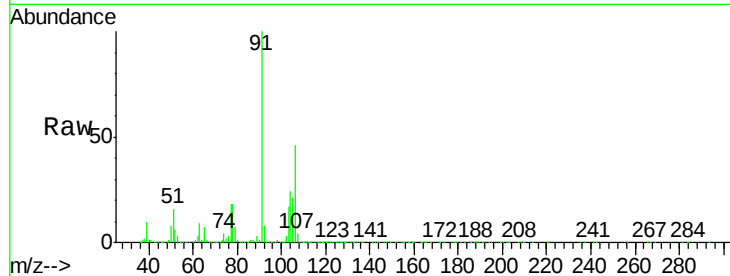




#69
o-Xylene
Concen: 43.658 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

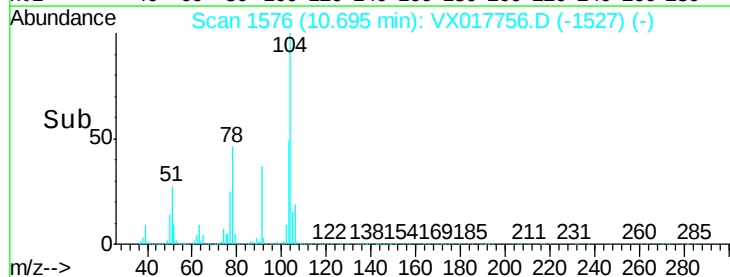
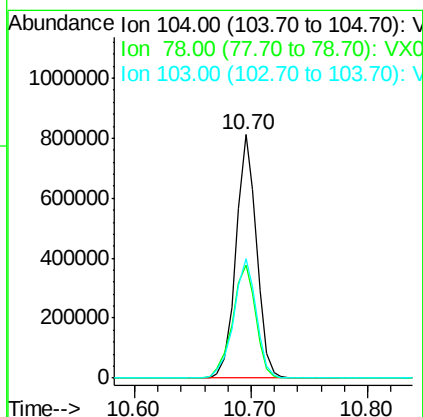
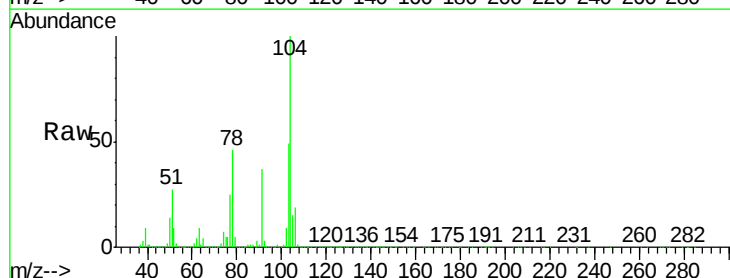
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

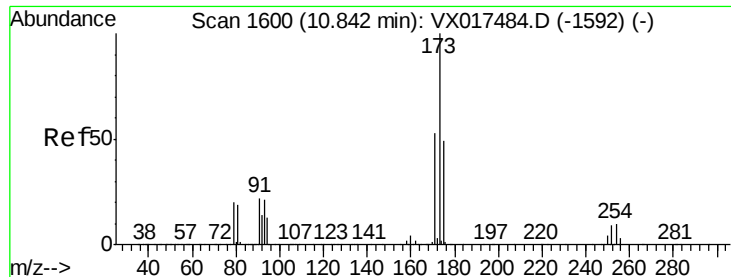
Tot Ion:106 Resp: 569823
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6



#70
Styrene
Concen: 44.920 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion:104 Resp: 997527
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 54.3 44.3 66.5





#71

Bromoform

Concen: 43.362 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

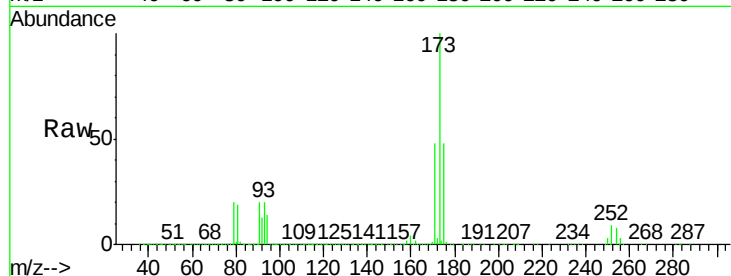
Tot Ion:173 Resp: 318176

Ion Ratio Lower Upper

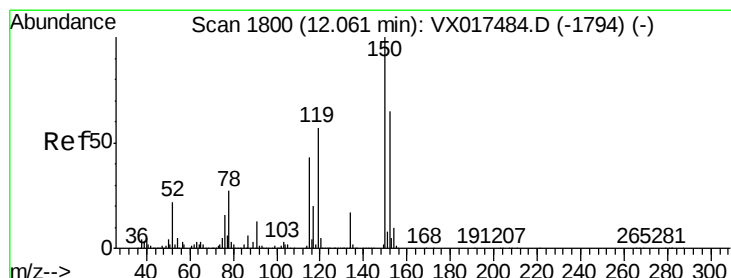
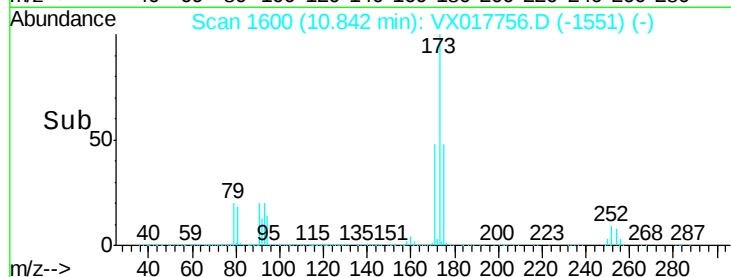
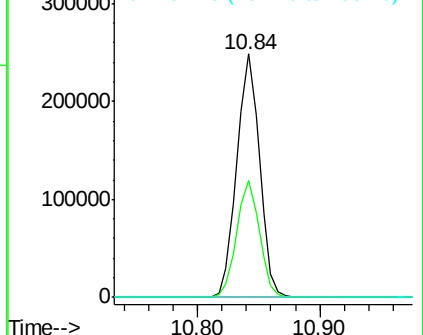
173 100

175 47.8 23.8 71.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

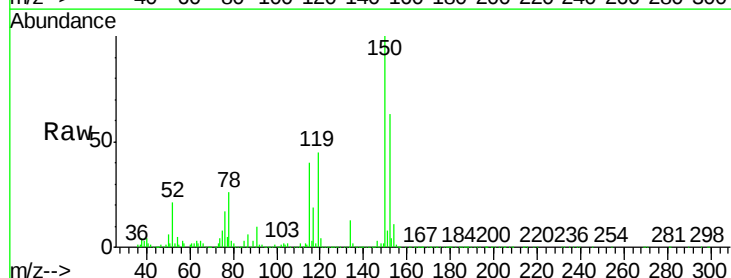
Tgt Ion:152 Resp: 504830

Ion Ratio Lower Upper

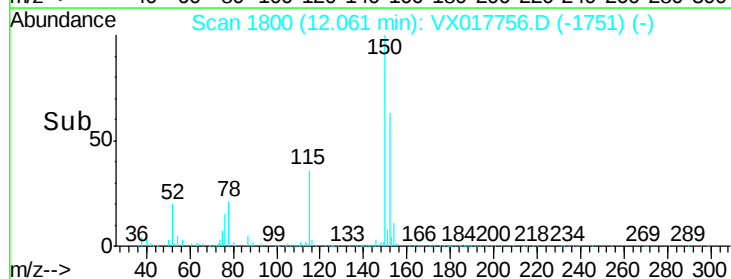
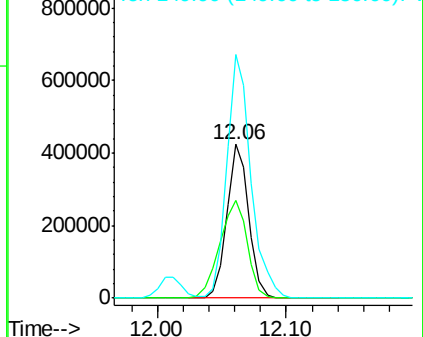
152 100

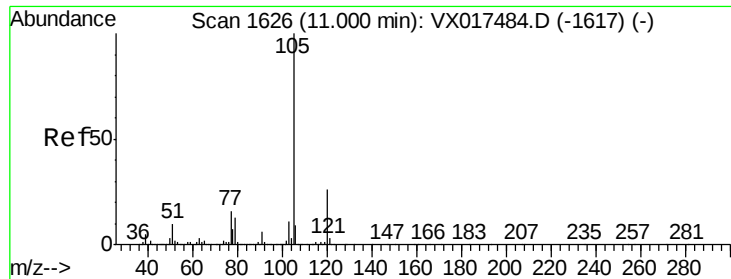
115 80.0 65.5 196.6

150 174.9 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: 45.187 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

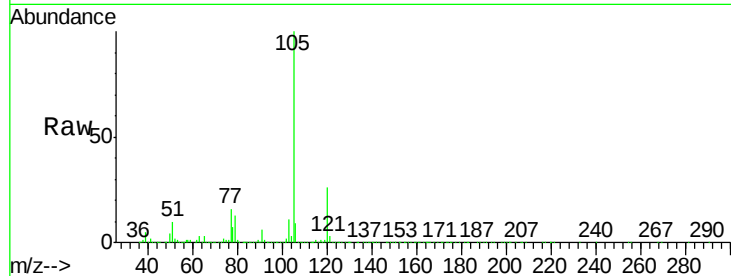
VSTDCCC050EC

Tot Ion:105 Resp: 1564920

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

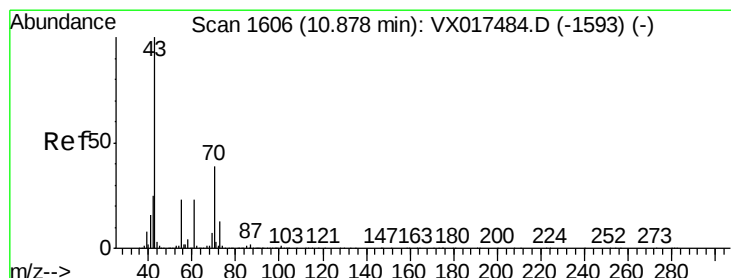
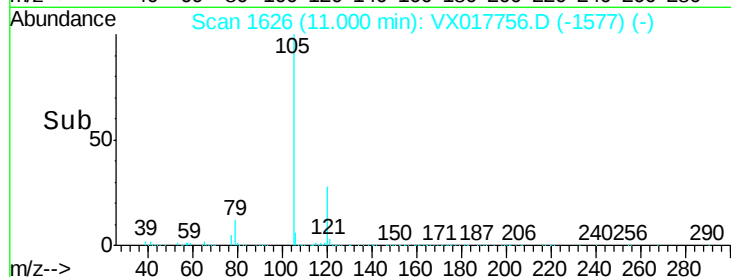
11.00

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 43.939 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Tgt Ion: 43 Resp: 676106

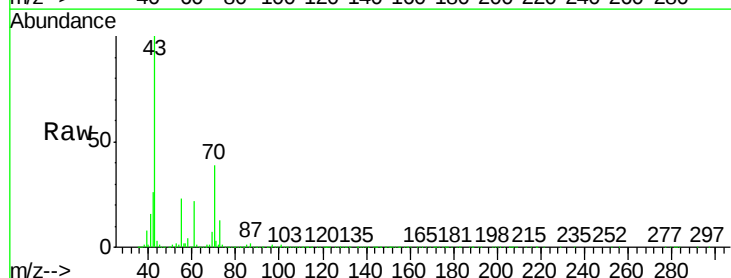
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 23.6 18.4 27.6

61 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

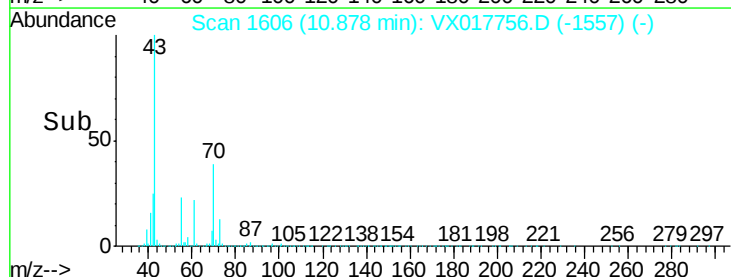
600000

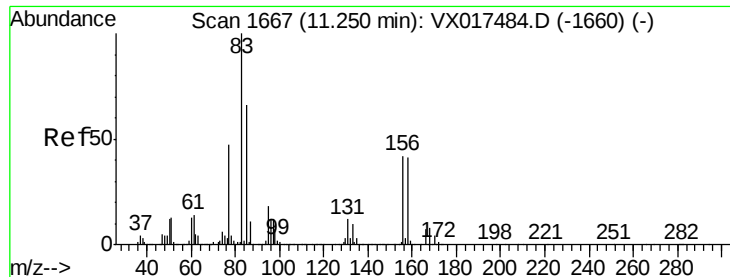
400000

200000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 43.712 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

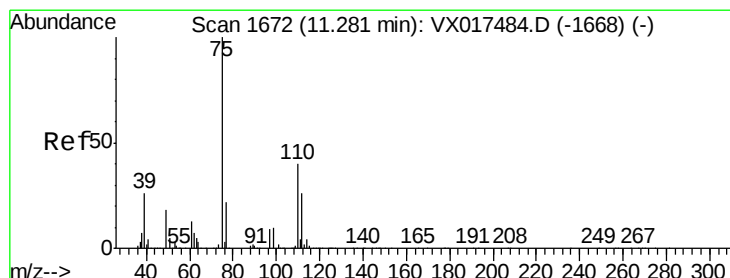
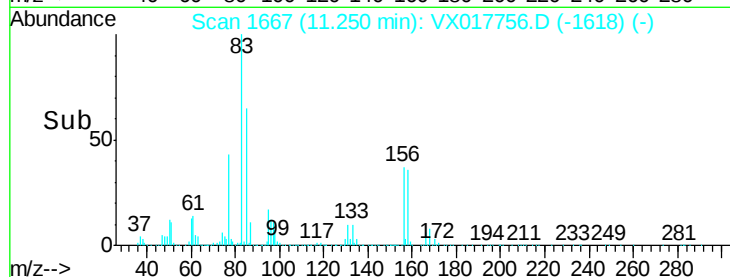
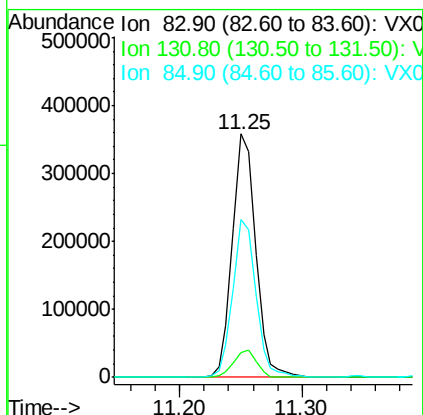
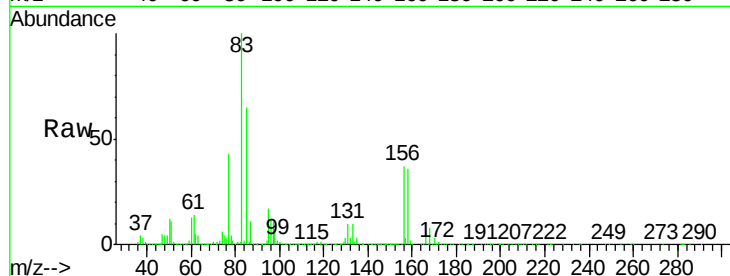
Tot Ion: 83 Resp: 472518

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 57.657 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017756.D

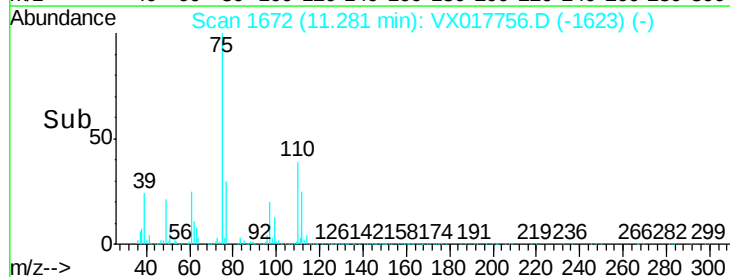
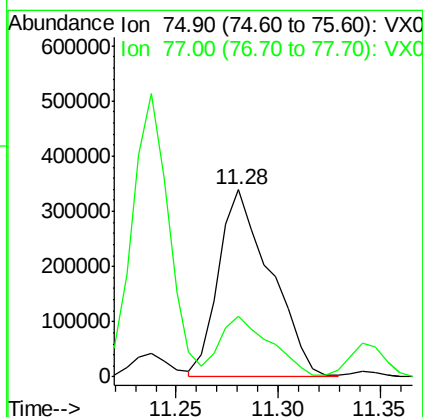
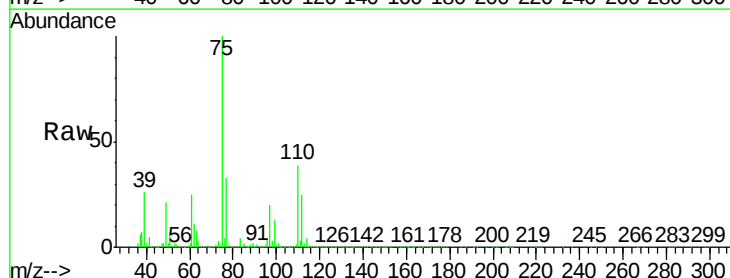
Acq: 03 Aug 2020 19:34

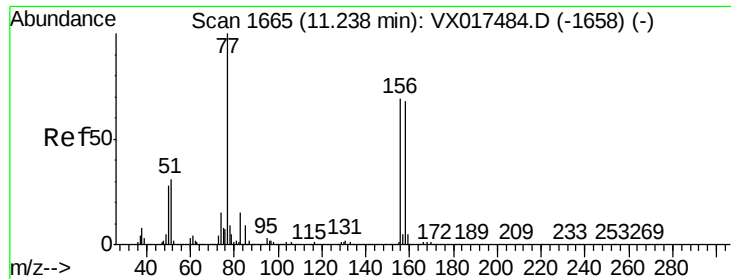
Tgt Ion: 75 Resp: 598745

Ion Ratio Lower Upper

75 100

77 31.4 21.8 65.3





#77

Bromobenzene

Concen: 42.306 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

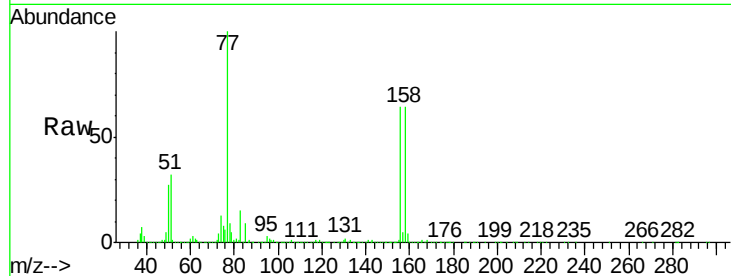
Tot Ion:156 Resp: 410175

Ion Ratio Lower Upper

156 100

77 154.9 75.0 225.0

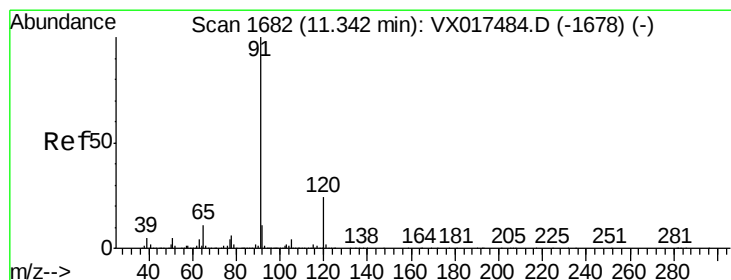
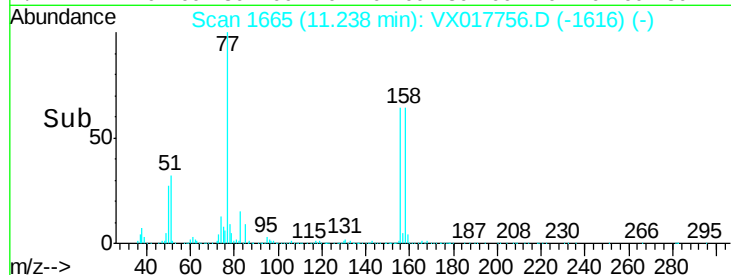
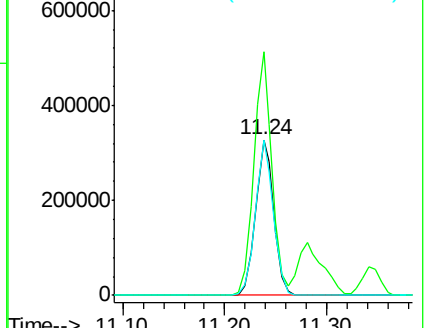
158 98.9 49.1 147.3



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



#78

n-propylbenzene

Concen: 45.380 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017756.D

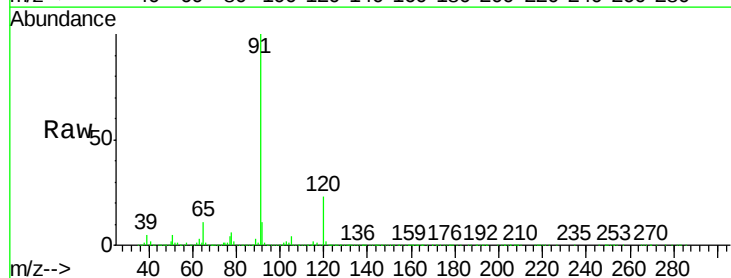
Acq: 03 Aug 2020 19:34

Tgt Ion: 91 Resp: 1772533

Ion Ratio Lower Upper

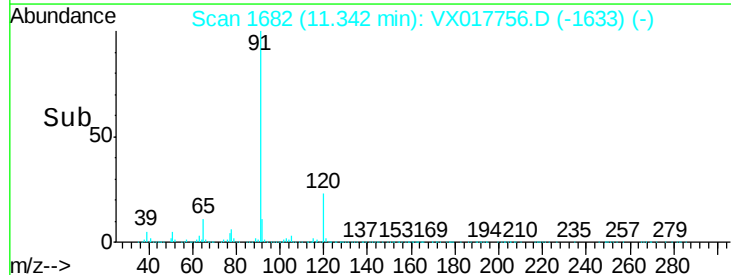
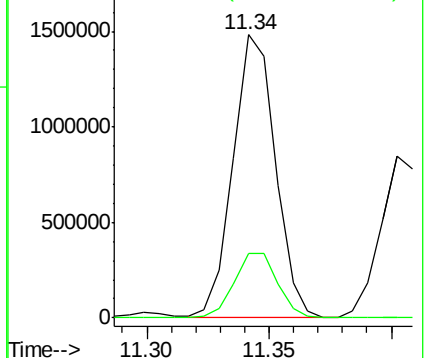
91 100

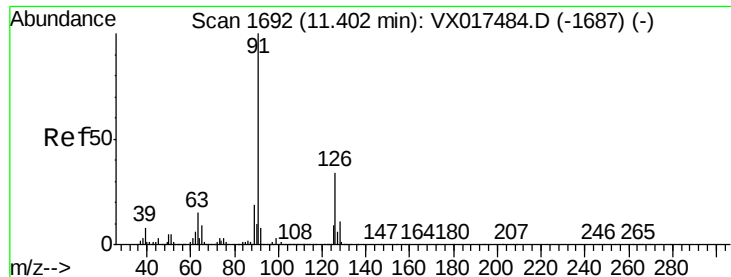
120 23.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.950 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

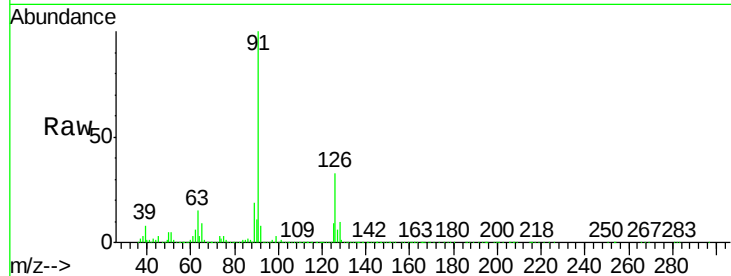
VSTDCCC050EC

Tot Ion: 91 Resp: 1063417

Ion Ratio Lower Upper

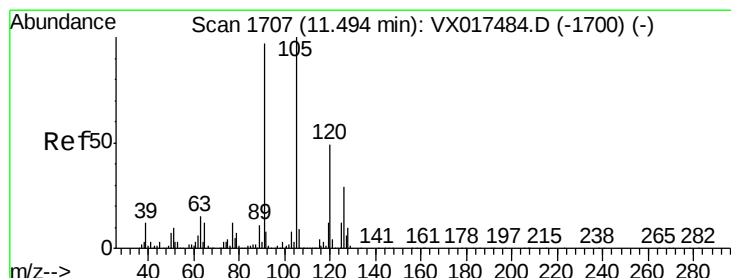
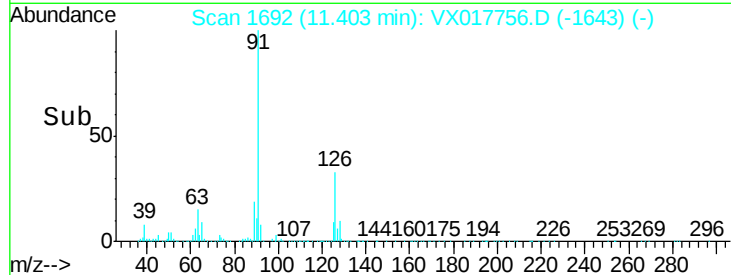
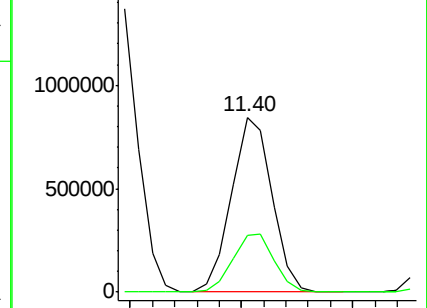
91 100

126 34.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 44.346 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017756.D

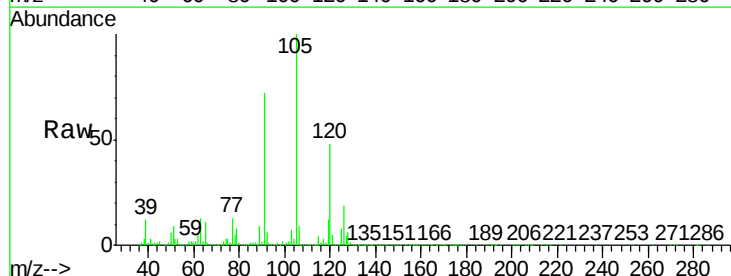
Acq: 03 Aug 2020 19:34

Tgt Ion:105 Resp: 1311265

Ion Ratio Lower Upper

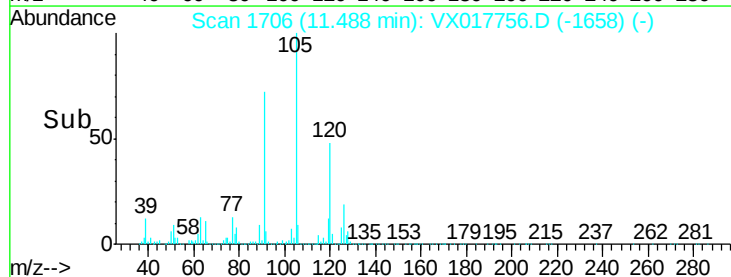
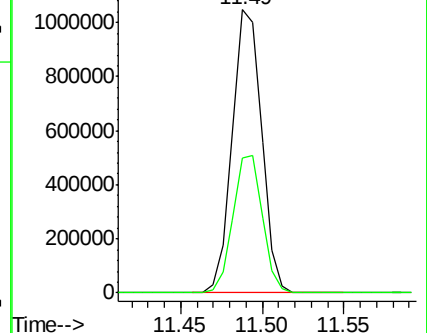
105 100

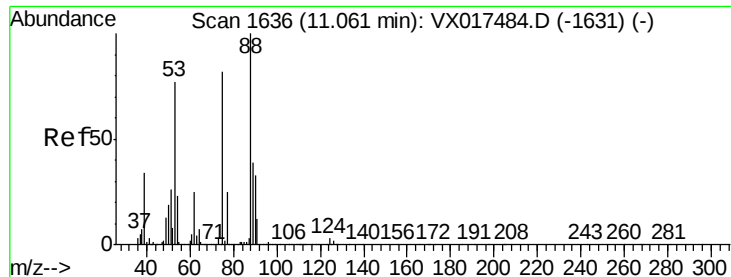
120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.428 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

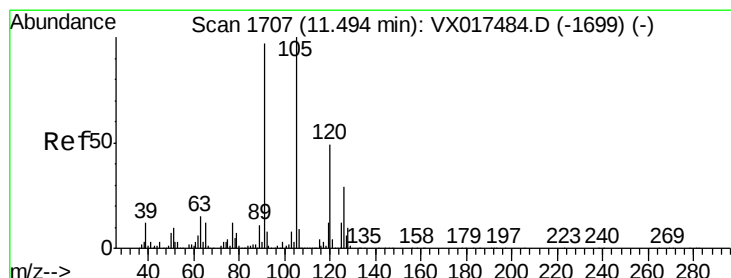
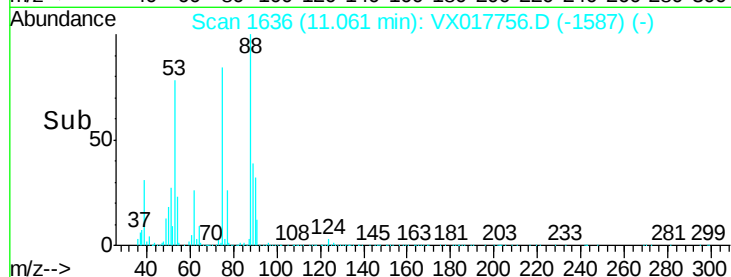
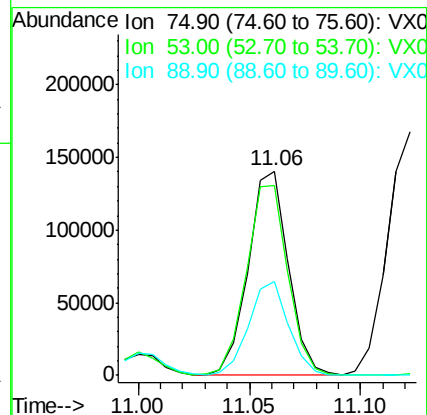
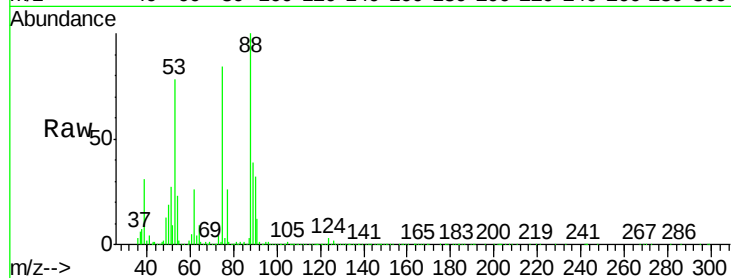
Tot Ion: 75 Resp: 174856

Ion Ratio Lower Upper

75 100

53 96.9 75.9 113.9

89 46.3 37.8 56.6



#82

4-Chlorotoluene

Concen: 43.903 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017756.D

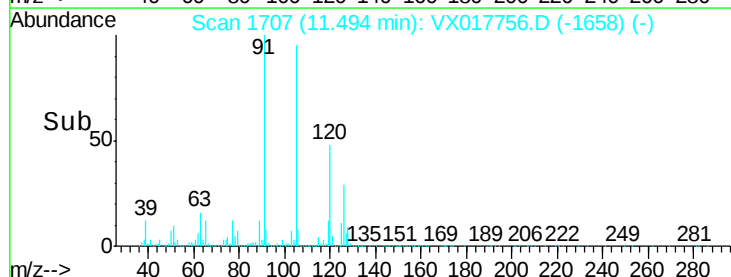
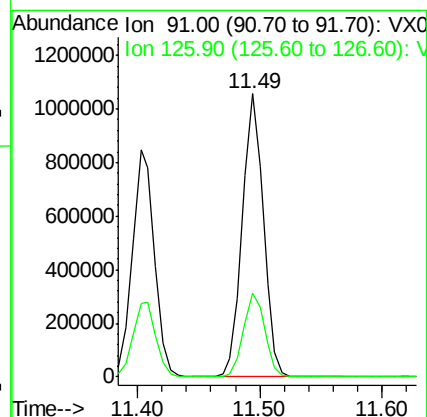
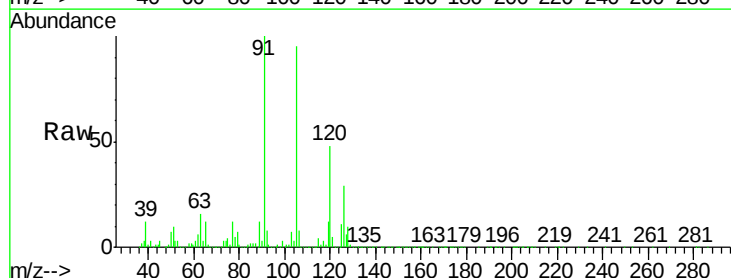
Acq: 03 Aug 2020 19:34

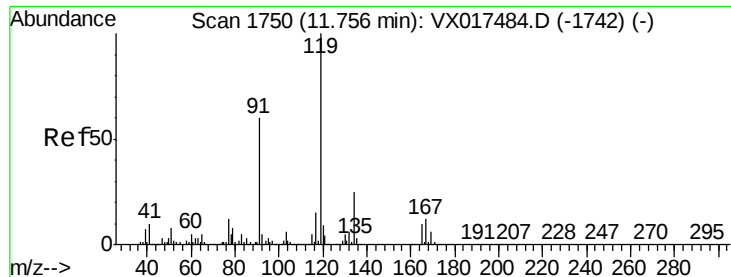
Tgt Ion: 91 Resp: 1253081

Ion Ratio Lower Upper

91 100

126 29.9 15.2 45.6





#83

tert-Butylbenzene

Concen: 45.039 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

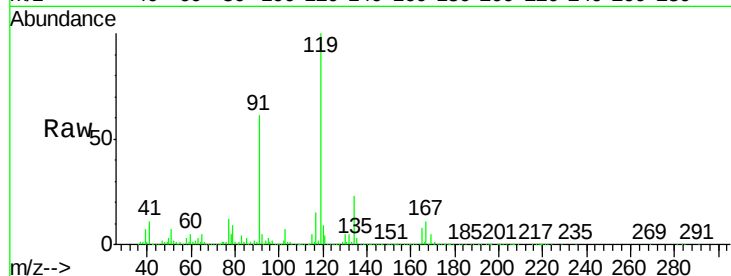
Tot Ion:119 Resp: 1274315

Ion Ratio Lower Upper

119 100

91 59.0 29.3 88.0

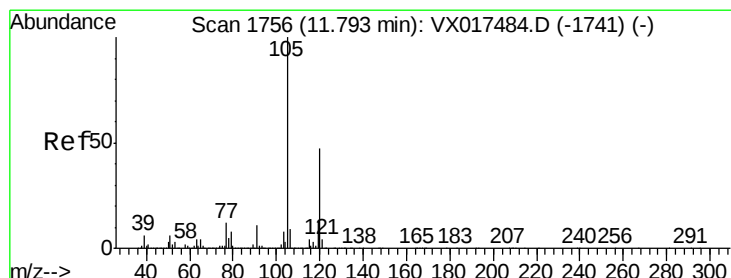
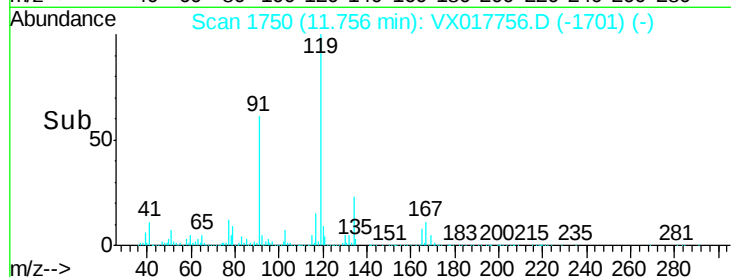
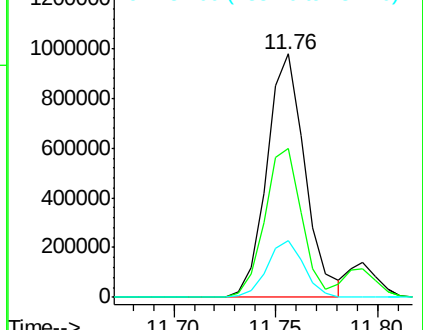
134 22.5 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.654 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017756.D

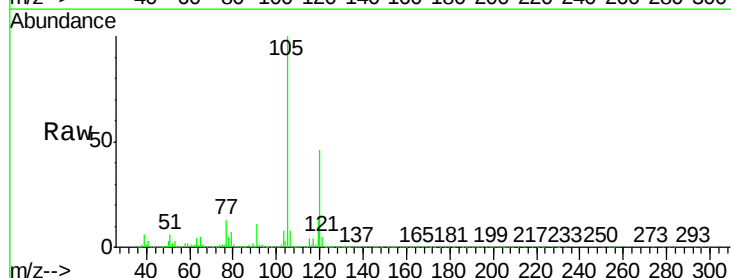
Acq: 03 Aug 2020 19:34

Tgt Ion:105 Resp: 1342698

Ion Ratio Lower Upper

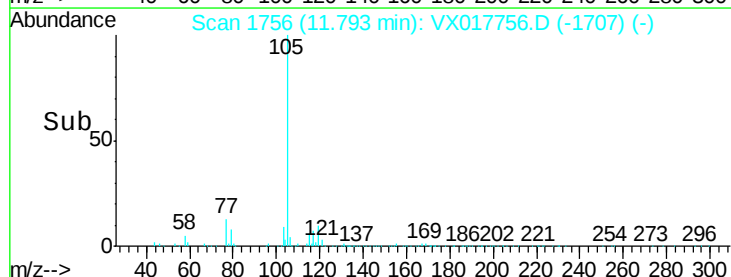
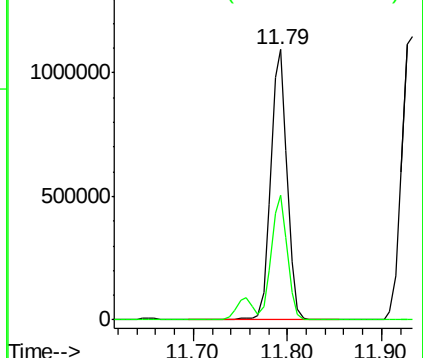
105 100

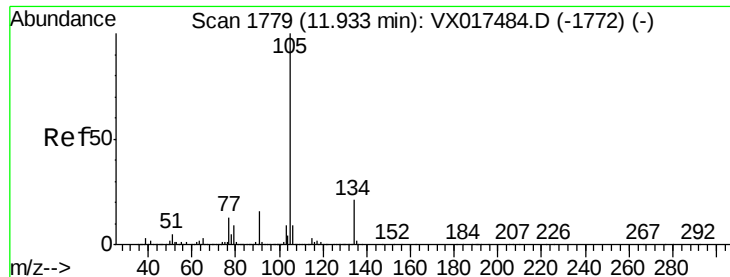
120 45.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.842 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

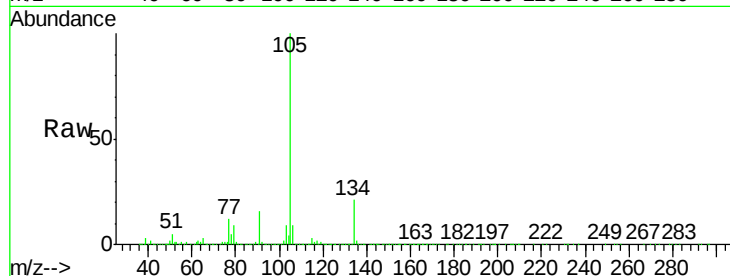
VSTDCCC050EC

Tot Ion:105 Resp: 1477973

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

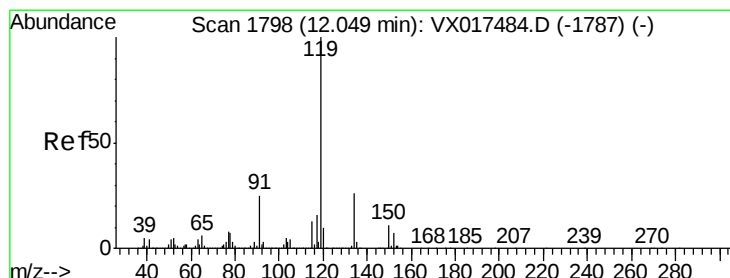
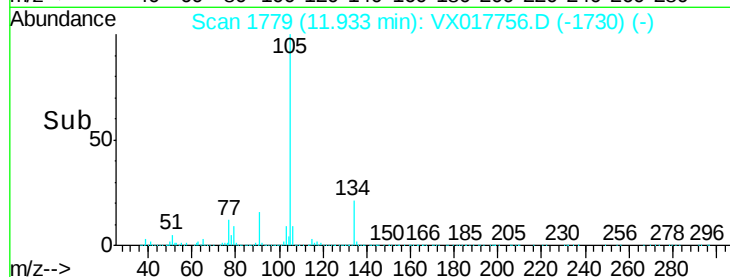
11.93

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.896 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

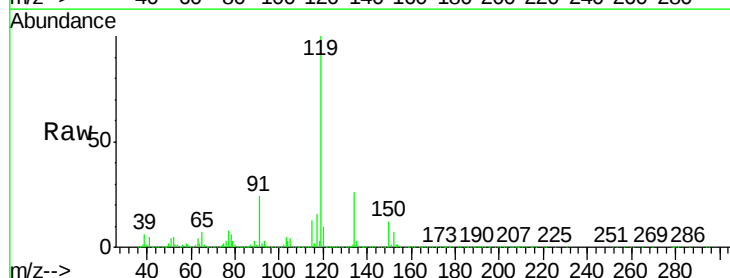
Tgt Ion:119 Resp: 1377796

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.3 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

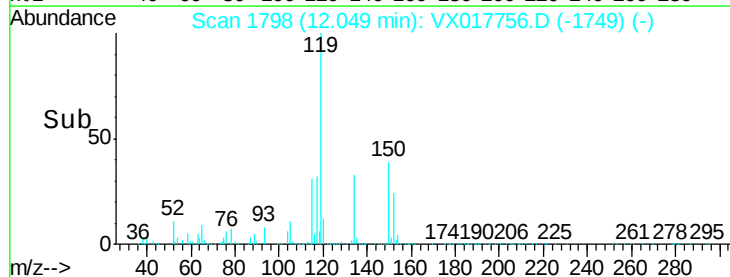
1500000

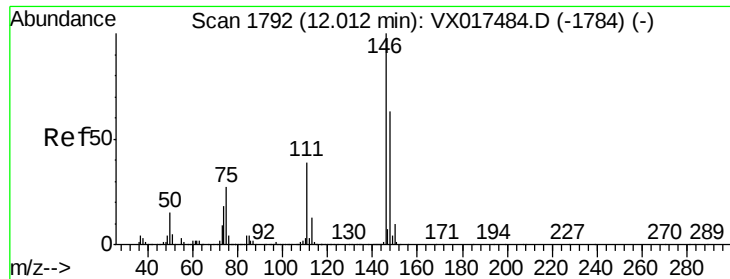
1000000

500000

0

Time-->

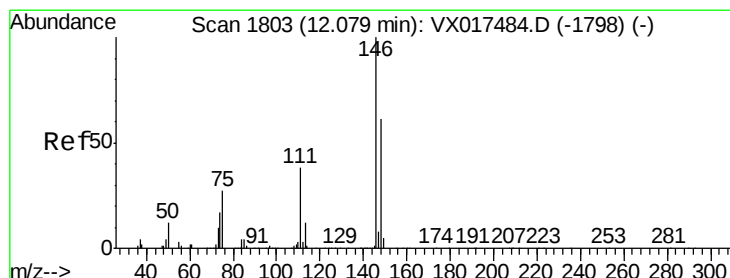
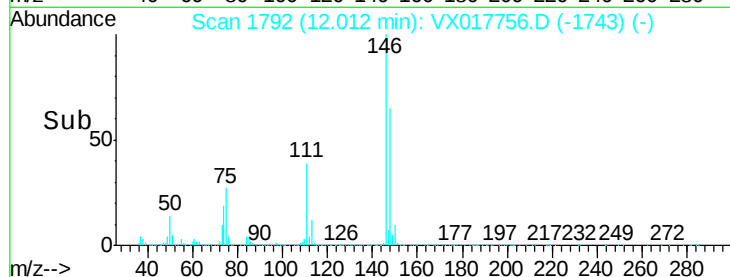
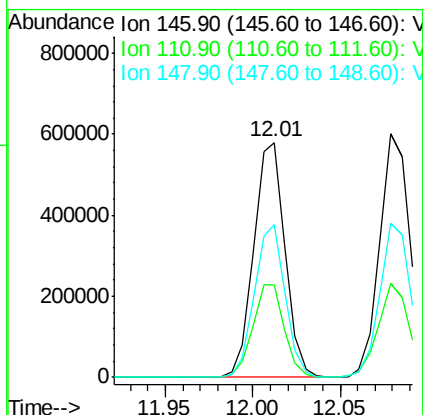
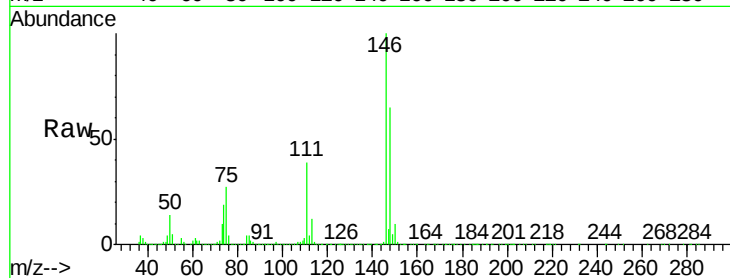




#87
 1,3-Dichlorobenzene
 Concen: 43.555 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

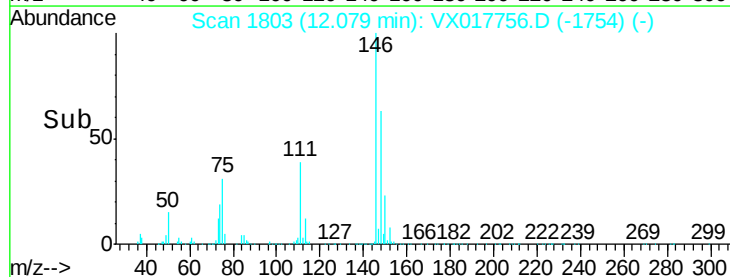
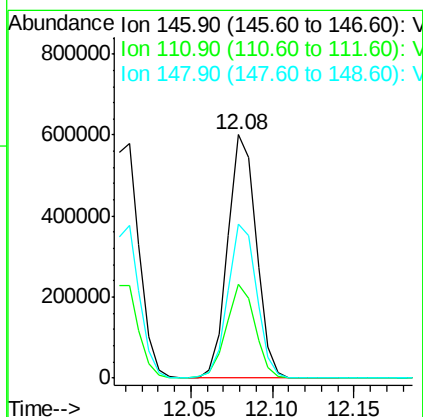
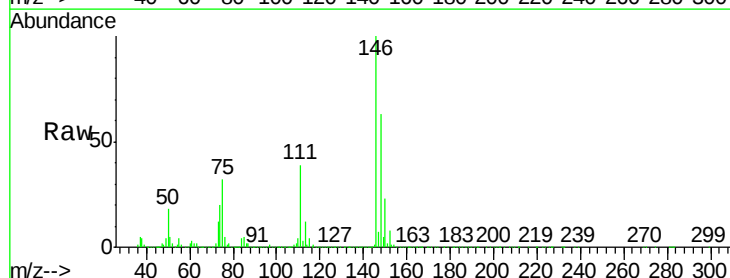
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	64.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 42.188 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	64.5	32.2	96.6

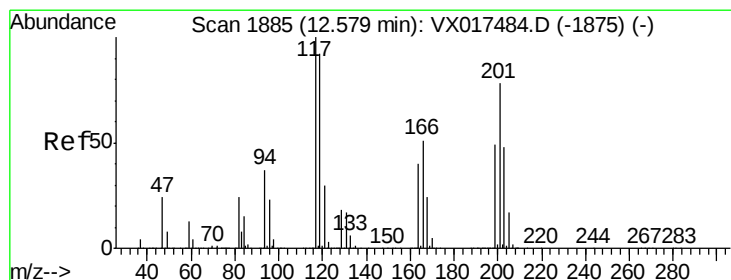
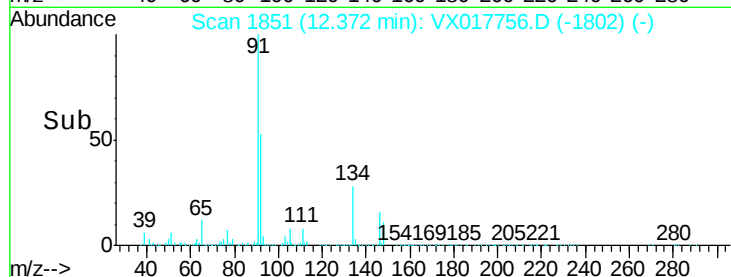
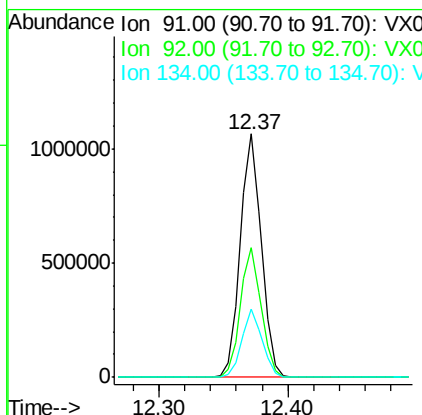
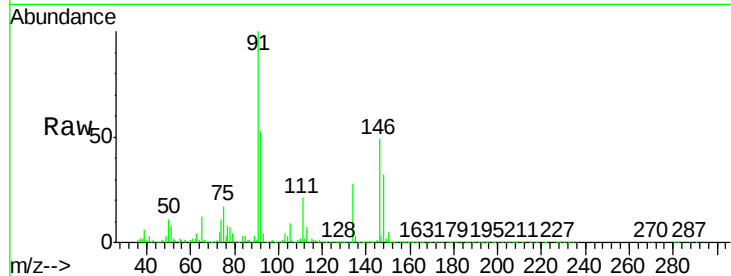




#89
n-Butylbenzene
Concen: 42.963 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

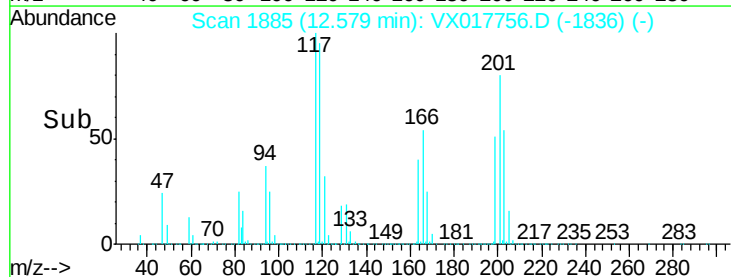
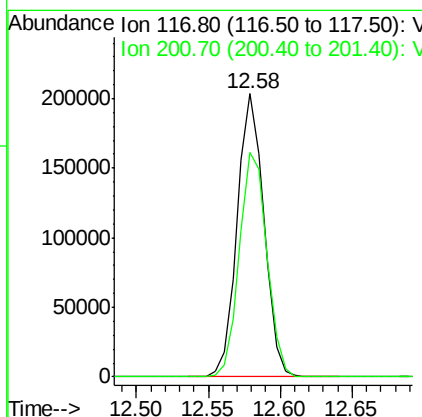
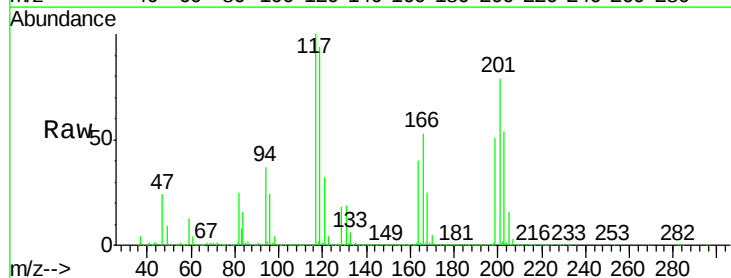
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

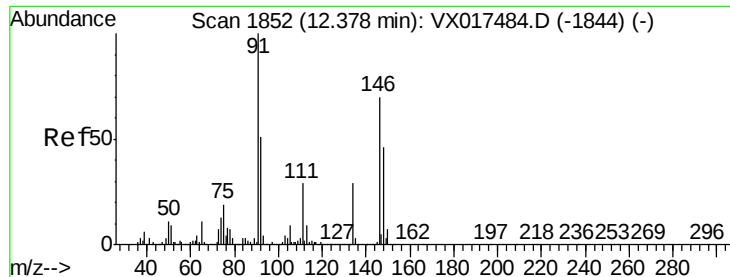
Tot Ion: 91 Resp: 1201605
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 42.342 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion: 117 Resp: 262018
Ion Ratio Lower Upper
117 100
201 81.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 43.859 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

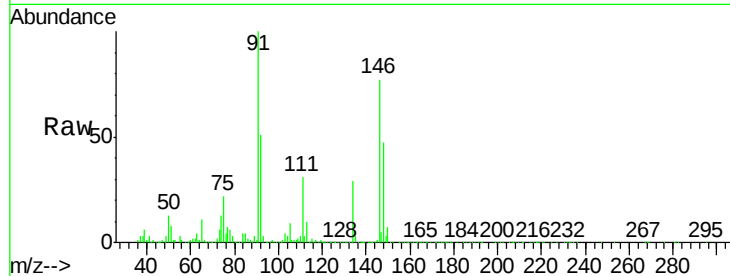
Tot Ion:146 Resp: 717685

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

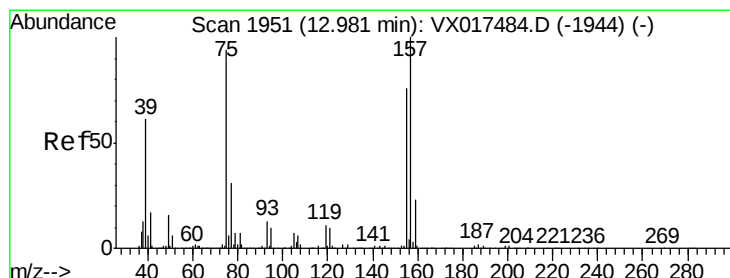
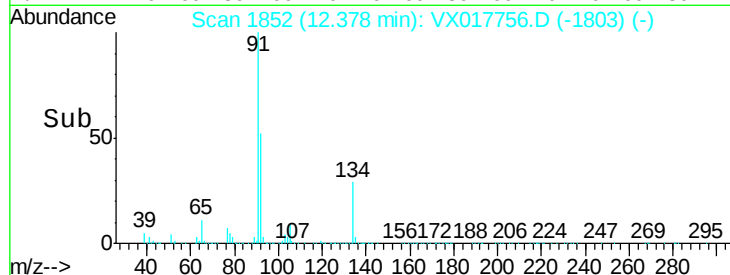
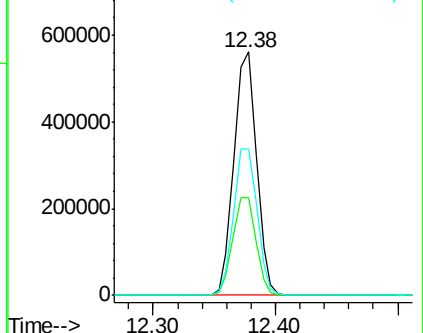
148 62.6 32.8 98.4



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: 41.719 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017756.D

Acq: 03 Aug 2020 19:34

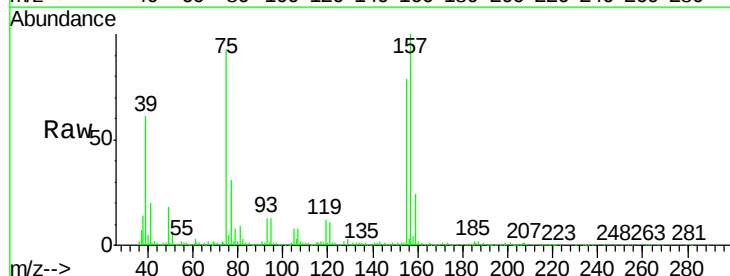
Tgt Ion: 75 Resp: 126162

Ion Ratio Lower Upper

75 100

155 88.7 42.3 126.8

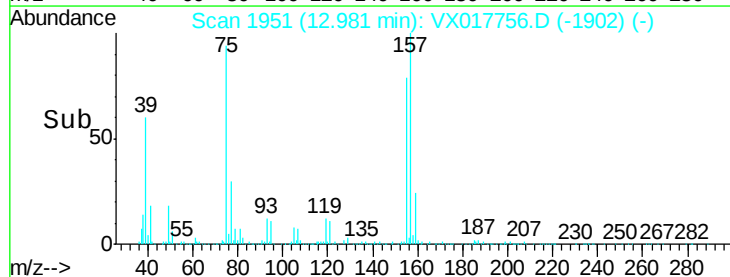
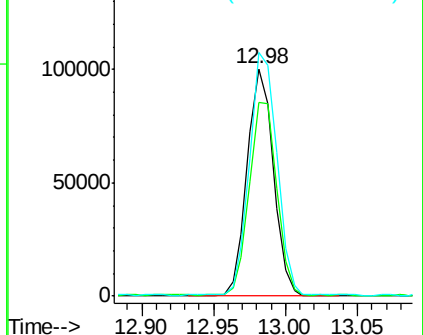
157 112.0 54.3 162.9

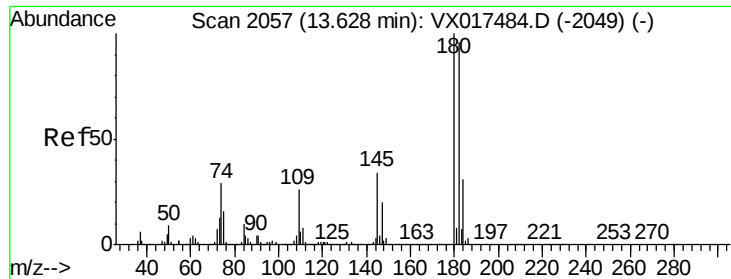


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

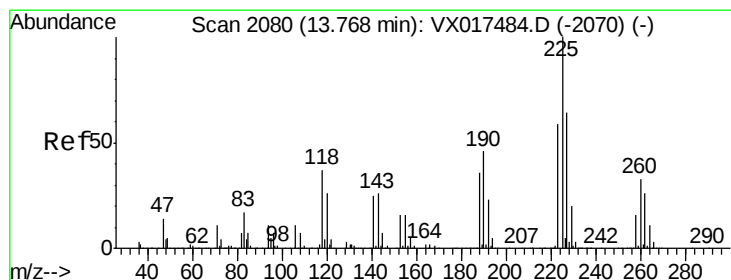
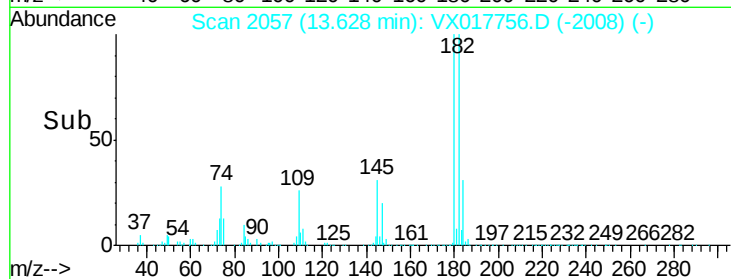
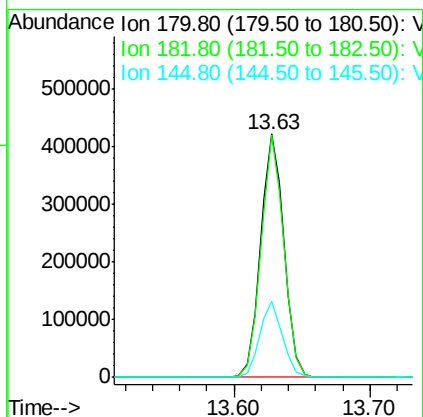
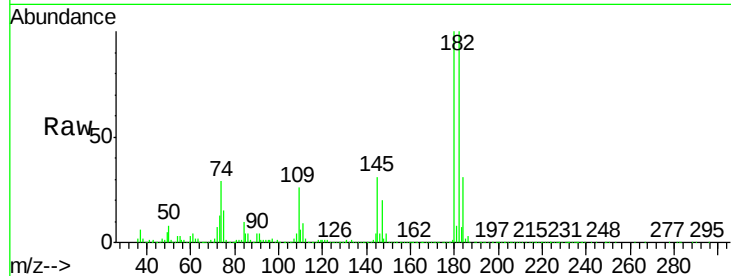




#93
 1,2,4-Trichlorobenzene
 Concen: 45.550 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

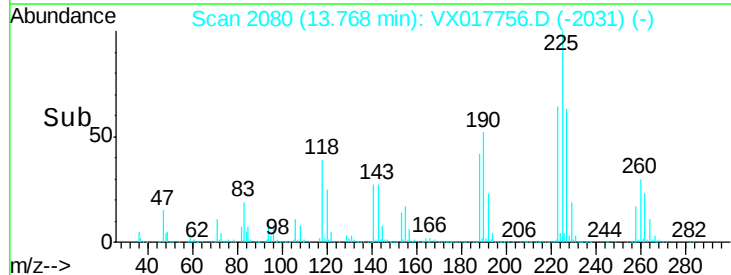
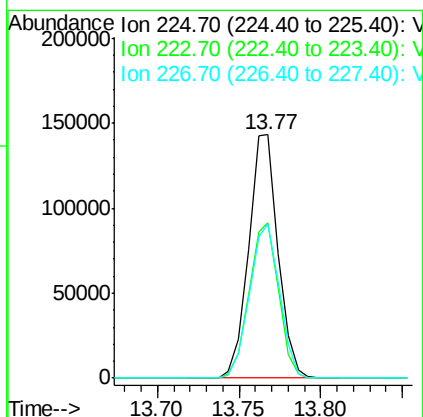
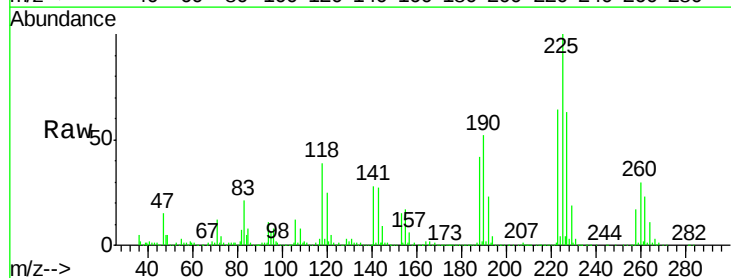
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

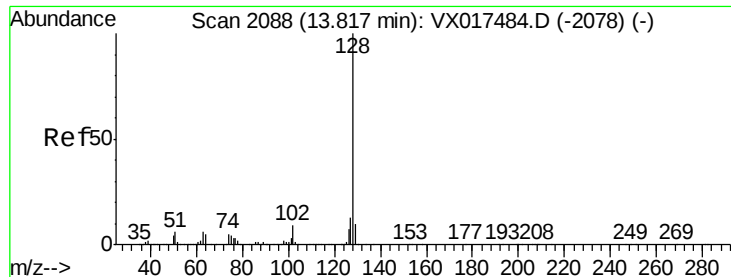
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.6
145	30.5	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 35.121 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017756.D
 Acq: 03 Aug 2020 19:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.3	90.9
227	64.5	31.1	93.2

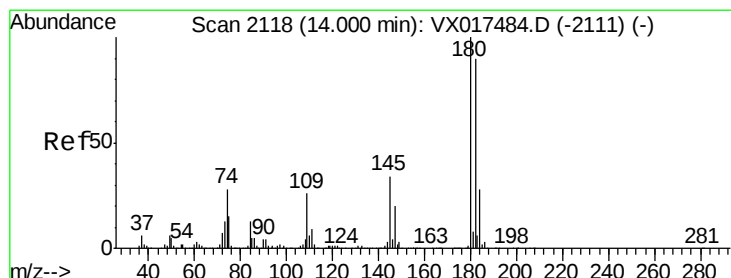
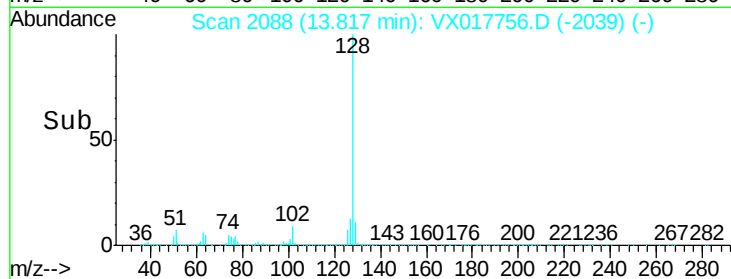
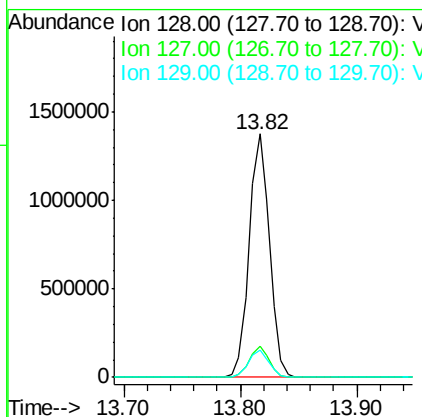
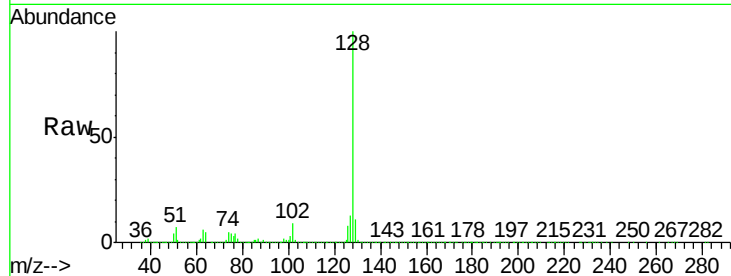




#95
Naphthalene
Concen: 50.258 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1675518
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.718 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017756.D
Acq: 03 Aug 2020 19:34

Tgt Ion:180 Resp: 504133
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 33.7 16.3 48.9

