

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017743.D
 Acq On : 03 Aug 2020 14:02
 Operator : JC/SP
 Sample : VX0803WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

Quant Time: Aug 04 06:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	551871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	800642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	728141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	412609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	338842	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	5.46	113	262055	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.70	98	925722	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.12	95	352707	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	89910	16.886	ug/l	93
3) Chloromethane	1.32	50	104344	15.551	ug/l	98
4) Vinyl Chloride	1.40	62	112067	16.137	ug/l	99
5) Bromomethane	1.63	94	86263	21.366	ug/l	96
6) Chloroethane	1.72	64	69338	17.612	ug/l	89
7) Trichlorofluoromethane	1.92	101	195638	17.911	ug/l	99
8) Diethyl Ether	2.17	74	64786	17.406	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105247	17.558	ug/l	99
10) Methyl Iodide	2.50	142	118114	15.402	ug/l	95
11) Tert butyl alcohol	3.01	59	126662	84.776	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97376	17.083	ug/l	98
13) Acrolein	2.27	56	60817	56.579	ug/l	97
14) Allyl chloride	2.71	41	185971	17.867	ug/l	96
15) Acrylonitrile	3.11	53	284414	88.135	ug/l	99
16) Acetone	2.42	43	260997	83.649	ug/l	97
17) Carbon Disulfide	2.56	76	266161	15.362	ug/l	100
18) Methyl Acetate	2.75	43	140562	19.128	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	350010	17.740	ug/l	99
20) Methylene Chloride	2.84	84	112291	18.295	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	106965	17.516	ug/l	98
22) Diisopropyl ether	3.82	45	355197	18.664	ug/l	# 92
23) Vinyl Acetate	3.78	43	1531249	90.238	ug/l	100
24) 1,1-Dichloroethane	3.67	63	205744	18.767	ug/l	99
25) 2-Butanone	4.64	43	385301	86.927	ug/l	96
26) 2,2-Dichloropropane	4.56	77	190346	19.396	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	118195	17.820	ug/l	99
28) Bromochloromethane	4.98	49	86388	17.389	ug/l	100
29) Tetrahydrofuran	5.09	42	229508	83.592	ug/l	99
30) Chloroform	5.18	83	206495	18.434	ug/l	97
31) Cyclohexane	5.55	56	146245	16.728	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	194465	18.410	ug/l	99
36) 1,1-Dichloropropene	5.76	75	137038	17.846	ug/l	98
37) Ethyl Acetate	4.79	43	147134	17.512	ug/l	97
38) Carbon Tetrachloride	5.76	117	175316	18.801	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 VX0803WBS01

Quant Time: Aug 04 06:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154784	17.267	ug/l	96
40) Benzene	6.11	78	421281	19.136	ug/l	96
41) Methacrylonitrile	5.00	41	81778	16.981	ug/l	97
42) 1,2-Dichloroethane	6.16	62	175219	19.455	ug/l	100
43) Isopropyl Acetate	6.41	43	259853	18.745	ug/l	99
44) Trichloroethene	7.19	130	125619	19.525	ug/l	96
45) 1,2-Dichloropropane	7.49	63	101879	16.694	ug/l	100
46) Dibromomethane	7.63	93	77125	17.882	ug/l	99
47) Bromodichloromethane	7.87	83	166771	19.217	ug/l	97
48) Methyl methacrylate	7.74	41	123255	17.937	ug/l	96
49) 1,4-Dioxane	7.71	88	46622	353.883	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	729736	88.225	ug/l	99
52) Toluene	8.76	92	255653	18.108	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	176467	18.165	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	177245	17.887	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	104576	17.781	ug/l	98
56) Ethyl methacrylate	9.16	69	157656	17.792	ug/l	99
57) 1,3-Dichloropropane	9.35	76	174386	18.007	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	398927	85.454	ug/l	99
59) 2-Hexanone	9.47	43	561231	90.124	ug/l	100
60) Dibromochloromethane	9.56	129	133994	17.925	ug/l	98
61) 1,2-Dibromoethane	9.65	107	116477	18.601	ug/l	97
64) Tetrachloroethene	9.32	164	130197	19.922	ug/l	96
65) Chlorobenzene	10.12	112	303217	19.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	119249	18.747	ug/l	99
67) Ethyl Benzene	10.23	91	486605	18.496	ug/l	99
68) m/p-Xylenes	10.34	106	365738	35.885	ug/l	94
69) o-Xylene	10.68	106	174241	17.775	ug/l	99
70) Styrene	10.70	104	303785	18.215	ug/l	100
71) Bromoform	10.84	173	102571	18.612	ug/l	95
73) Isopropylbenzene	11.00	105	492294	17.392	ug/l	99
74) N-amyl acetate	10.88	43	202753	16.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165786	18.764	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	208287	24.540	ug/l	81
77) Bromobenzene	11.24	156	149745	18.897	ug/l	98
78) n-propylbenzene	11.34	91	615302	19.274	ug/l	99
79) 2-Chlorotoluene	11.40	91	369716	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	458387	18.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56621	16.810	ug/l	93
82) 4-Chlorotoluene	11.49	91	436453	18.710	ug/l	99
83) tert-Butylbenzene	11.76	119	425064	18.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	460092	19.140	ug/l	98
85) sec-Butylbenzene	11.93	105	495693	18.401	ug/l	99
86) p-Isopropyltoluene	12.05	119	463659	18.074	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	249346	18.324	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	247832	17.583	ug/l	98
89) n-Butylbenzene	12.37	91	403003	17.630	ug/l	98
90) Hexachloroethane	12.58	117	84567	16.720	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	237352	17.747	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36419	16.401	ug/l	96

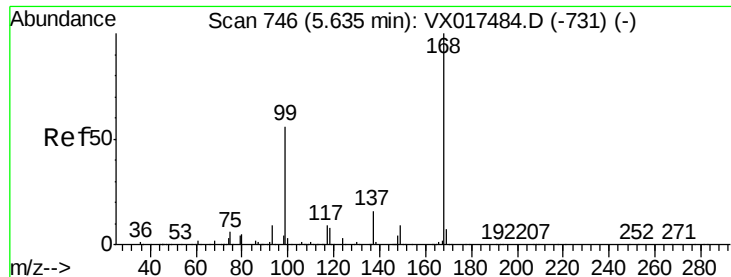
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
Data File : VX017743.D
Acq On : 03 Aug 2020 14:02
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	157981	17.308	ug/l	99
94) Hexachlorobutadiene	13.77	225	73531	17.500	ug/l	99
95) Naphthalene	13.82	128	498296	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	153256	17.005	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

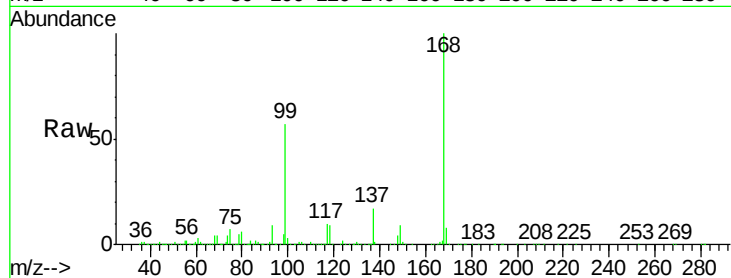
VX0803WBS01

Tot Ion:168 Resp: 551871

Ion Ratio Lower Upper

168 100

99 57.3 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

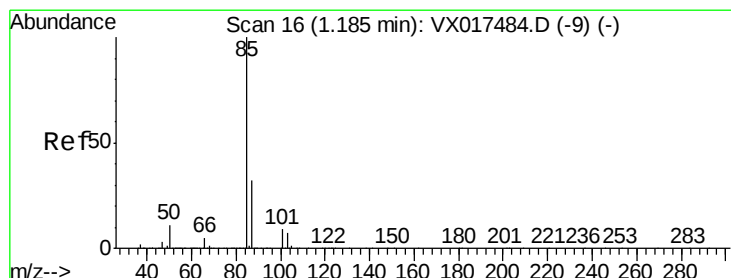
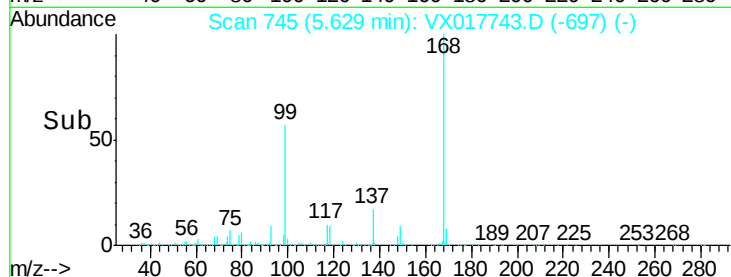
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.886 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017743.D

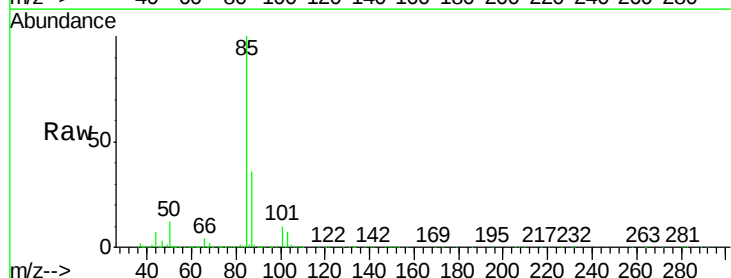
Acq: 03 Aug 2020 14:02

Tgt Ion: 85 Resp: 89910

Ion Ratio Lower Upper

85 100

87 36.2 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

100000

80000

60000

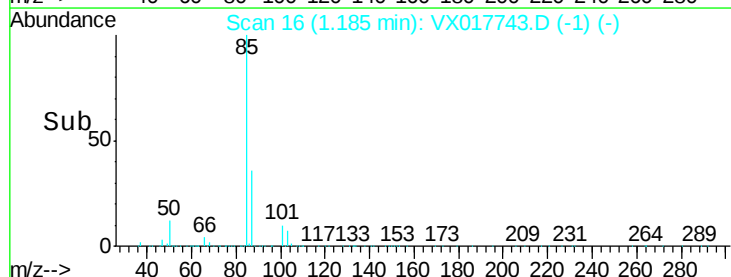
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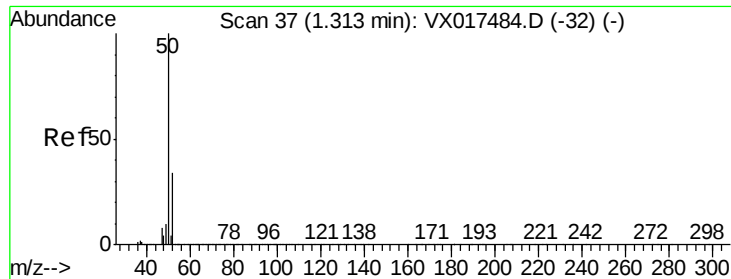
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.551 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

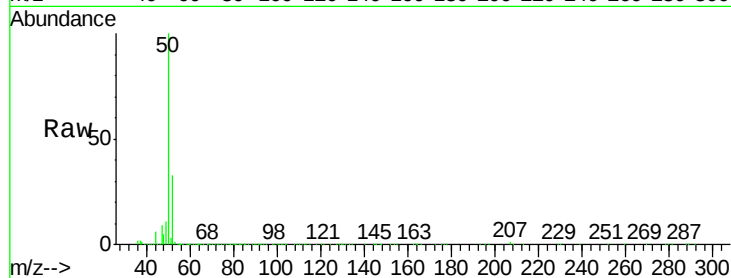
VX0803WBS01

Tot Ion: 50 Resp: 104344

Ion Ratio Lower Upper

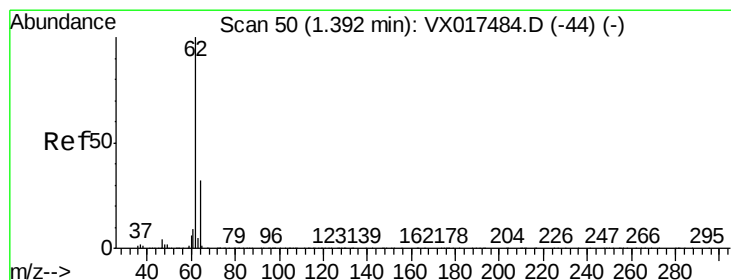
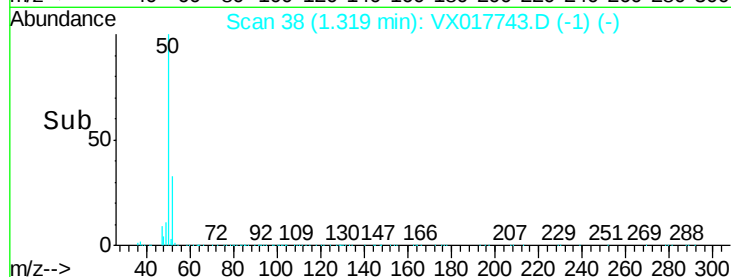
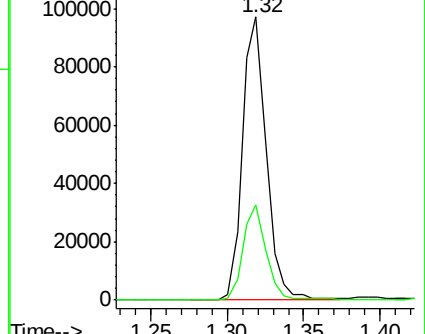
50 100

52 33.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.137 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX017743.D

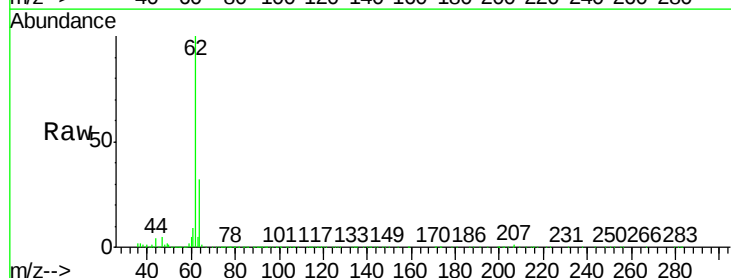
Acq: 03 Aug 2020 14:02

Tgt Ion: 62 Resp: 112067

Ion Ratio Lower Upper

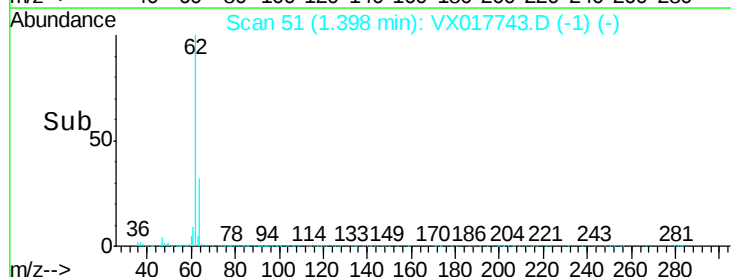
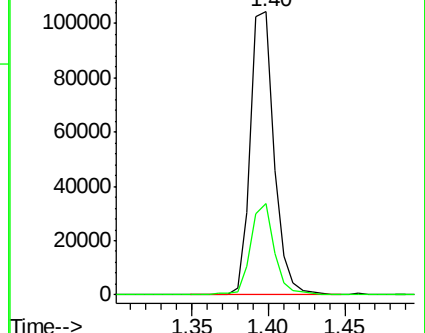
62 100

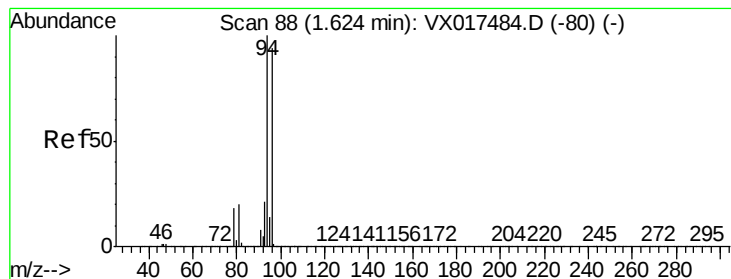
64 32.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.366 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

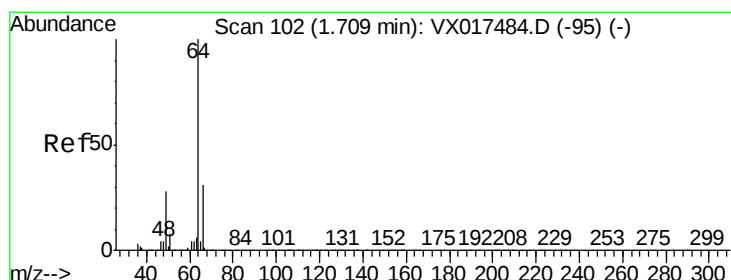
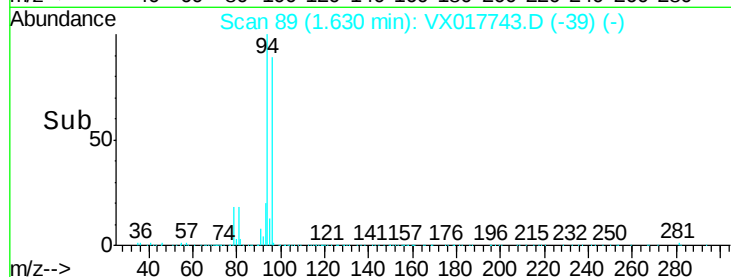
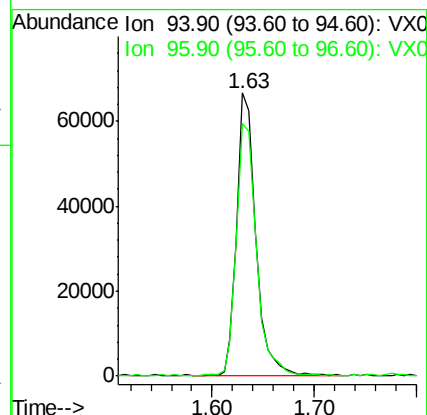
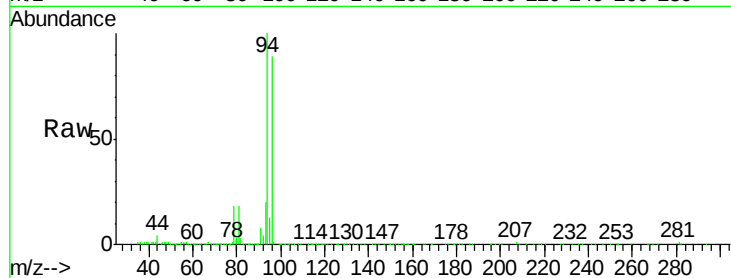
VX0803WBS01

Tot Ion: 94 Resp: 86263

Ion Ratio Lower Upper

94 100

96 89.0 74.1 111.1



#6

Chloroethane

Concen: 17.612 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017743.D

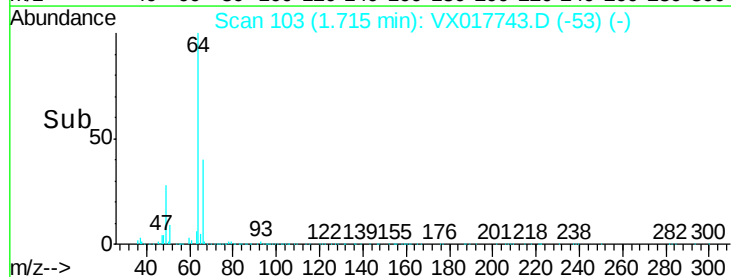
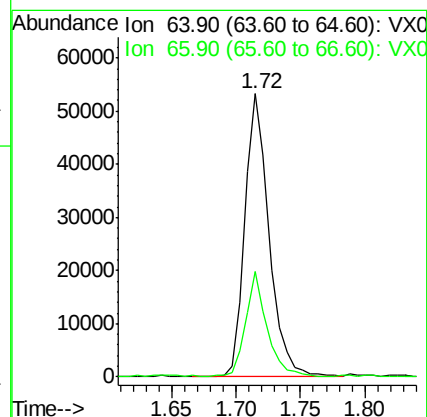
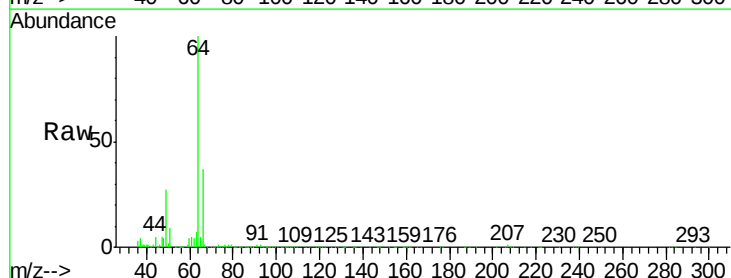
Acq: 03 Aug 2020 14:02

Tgt Ion: 64 Resp: 69338

Ion Ratio Lower Upper

64 100

66 37.0 24.9 37.3



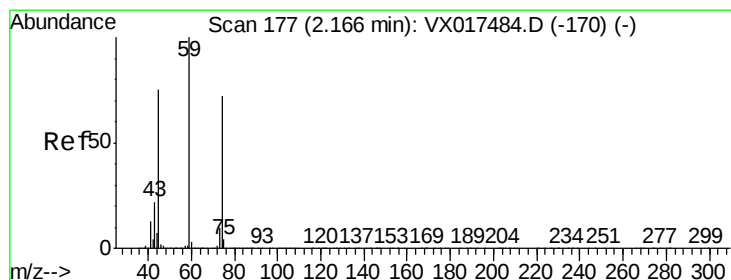
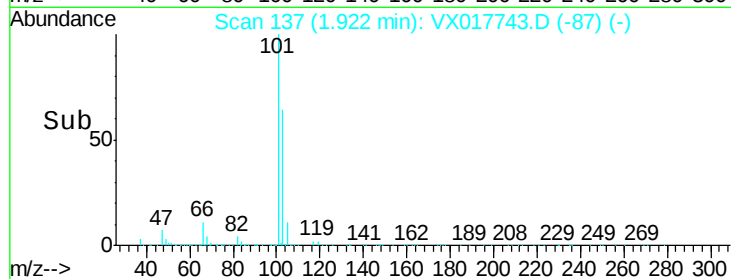
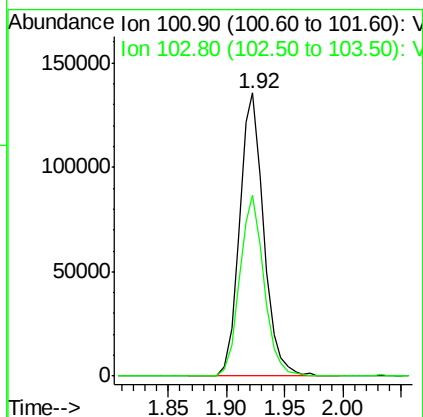
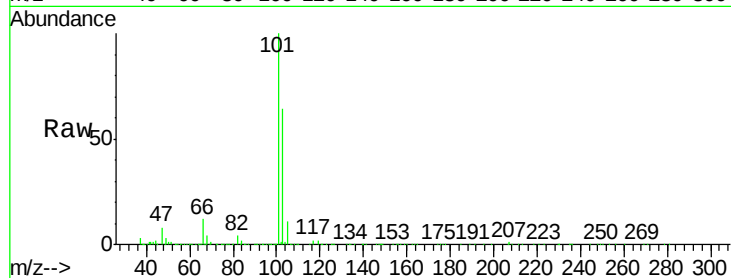


#7

Trichlorofluoromethane
Concen: 17.911 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

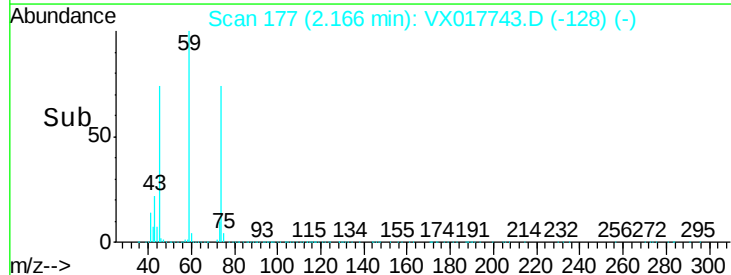
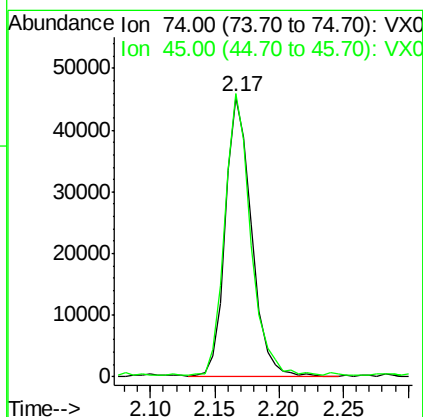
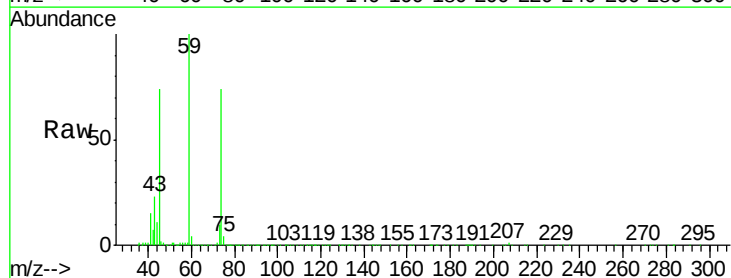
Tot Ion:101 Resp: 195638
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8

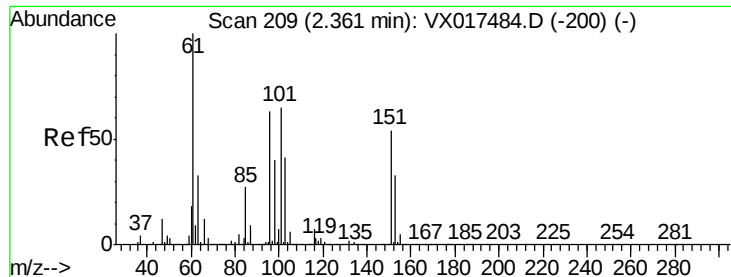


#8

Diethyl Ether
Concen: 17.406 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 74 Resp: 64786
Ion Ratio Lower Upper
74 100
45 99.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.558 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

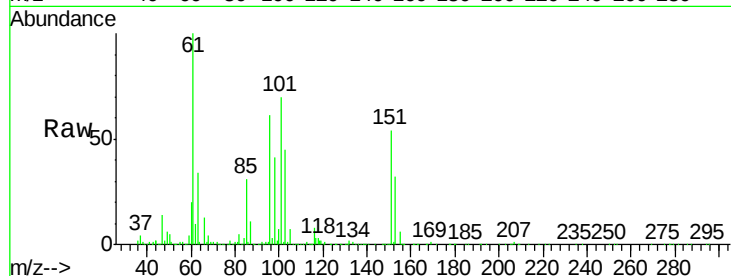
Tot Ion:101 Resp: 105247

Ion Ratio Lower Upper

101 100

85 44.7 34.8 52.2

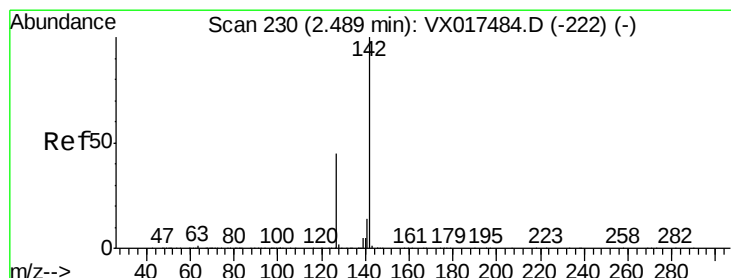
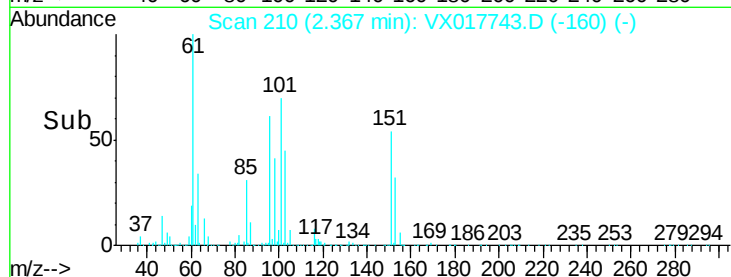
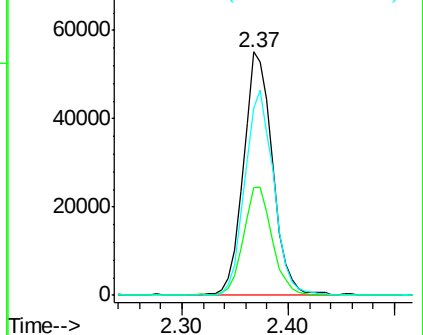
151 84.2 68.0 102.0



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: 15.402 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

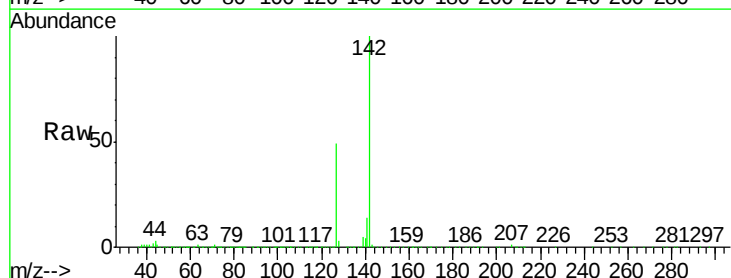
Tgt Ion:142 Resp: 118114

Ion Ratio Lower Upper

142 100

127 48.2 35.9 53.9

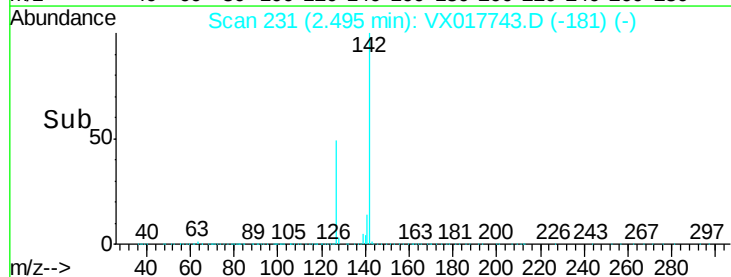
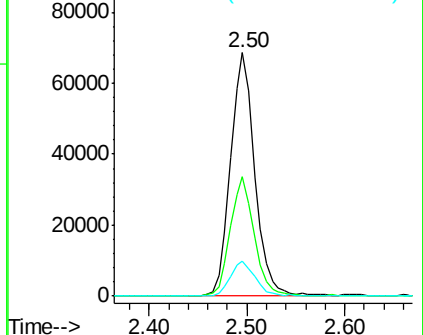
141 15.3 11.4 17.0

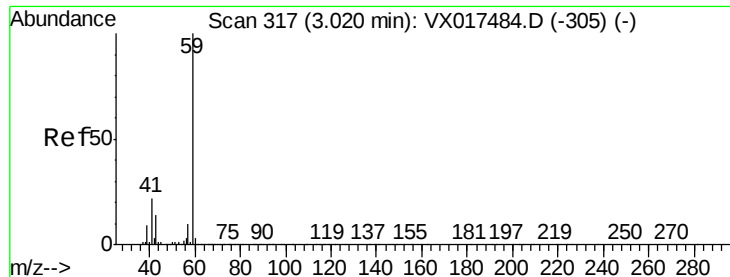


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



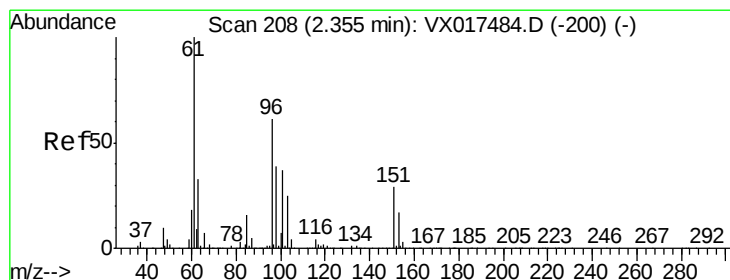
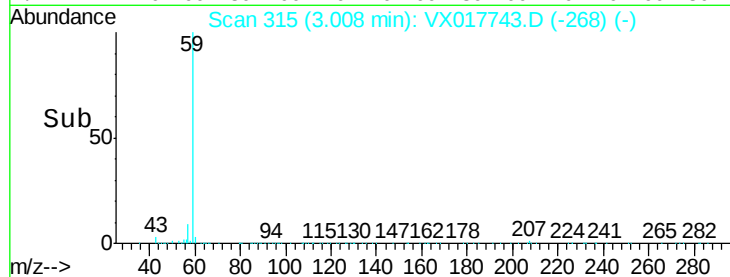
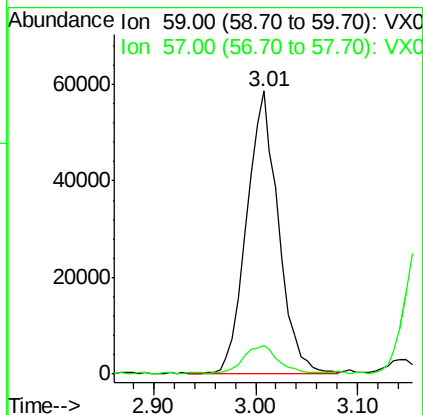
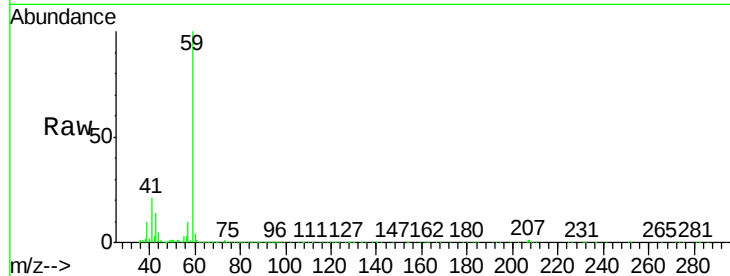


#11

Tert butyl alcohol
Concen: 84.776 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

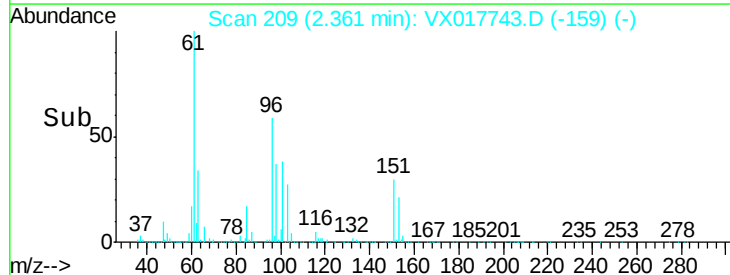
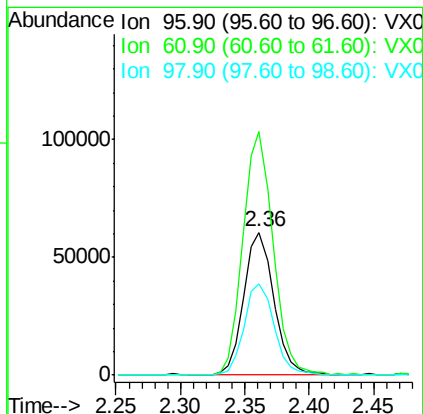
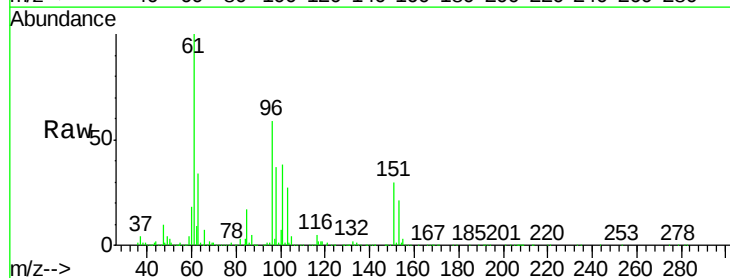
Tot Ion: 59 Resp: 126662
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

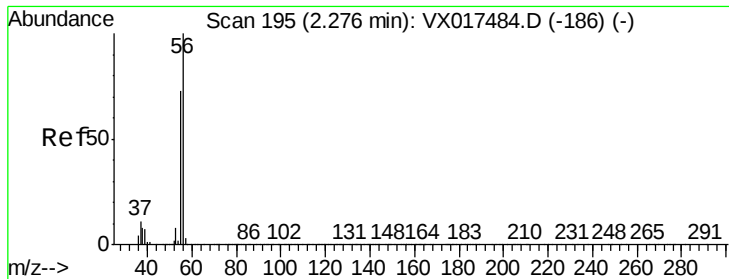


#12

1,1-Dichloroethene
Concen: 17.083 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 96 Resp: 97376
Ion Ratio Lower Upper
96 100
61 170.7 134.0 201.0
98 63.7 51.0 76.4





#13

Acrolein

Concen: 56.579 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

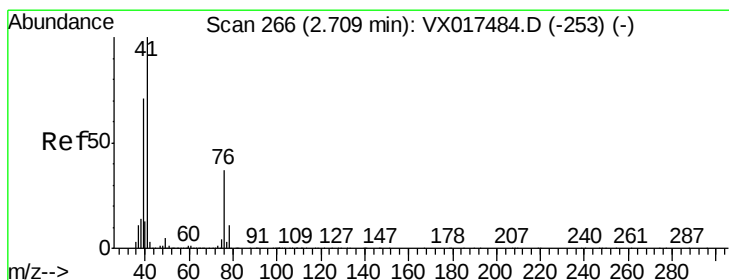
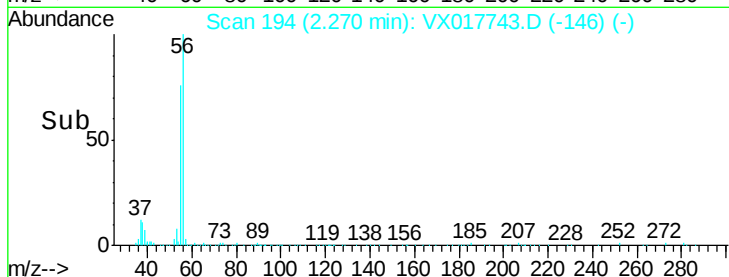
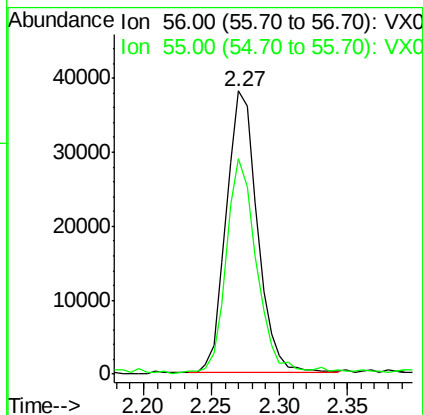
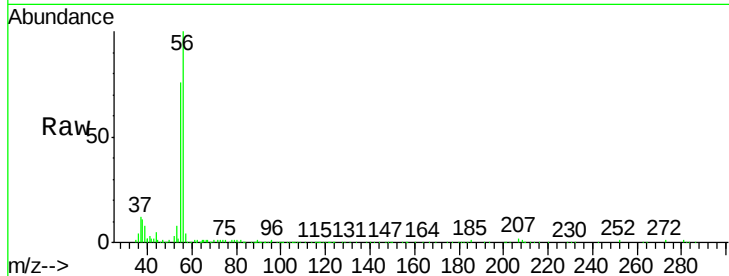
VX0803WBS01

Tot Ion: 56 Resp: 60817

Ion Ratio Lower Upper

56 100

55 73.9 57.4 86.2



#14

Allyl chloride

Concen: 17.867 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

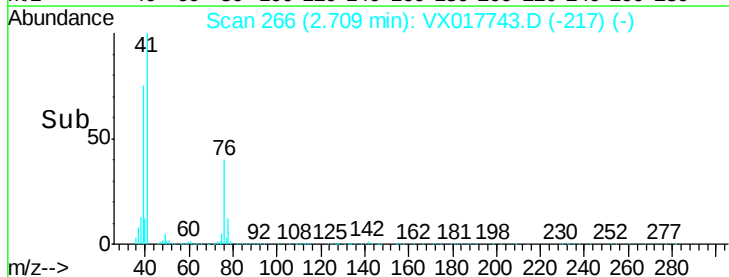
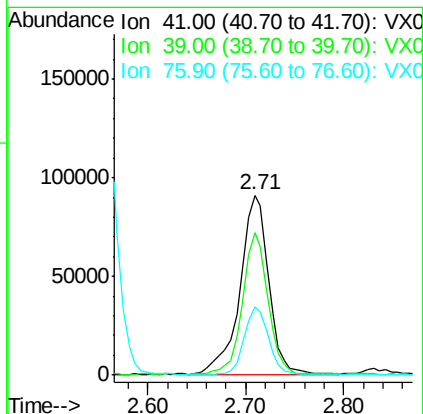
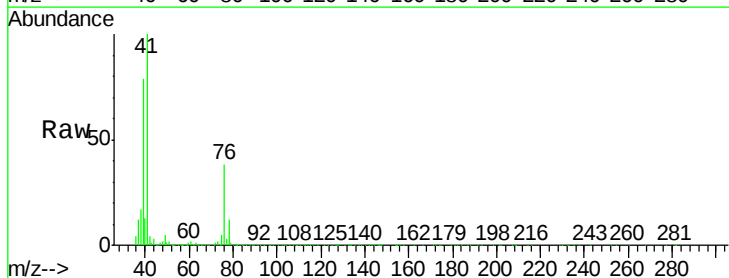
Tgt Ion: 41 Resp: 185971

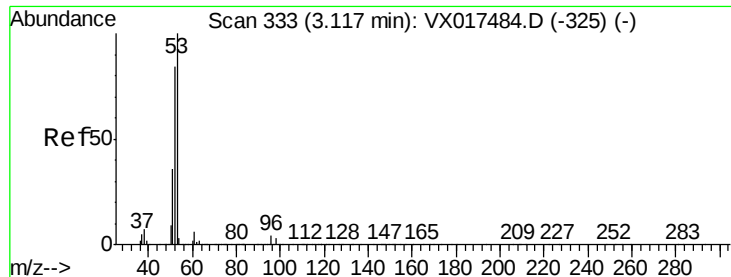
Ion Ratio Lower Upper

41 100

39 69.6 51.9 77.9

76 32.6 25.5 38.3

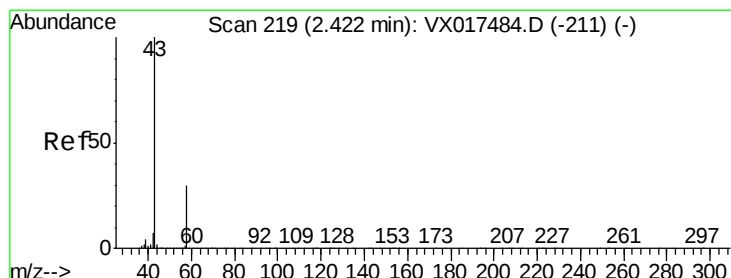
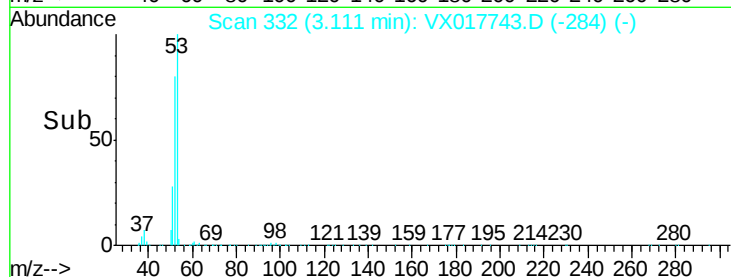
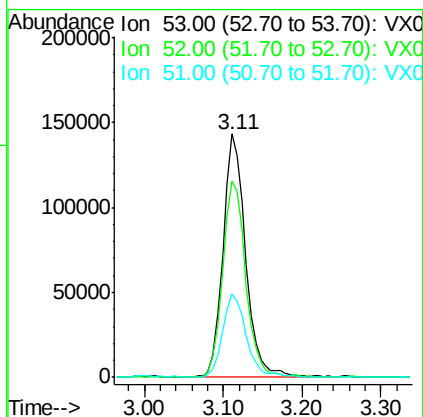
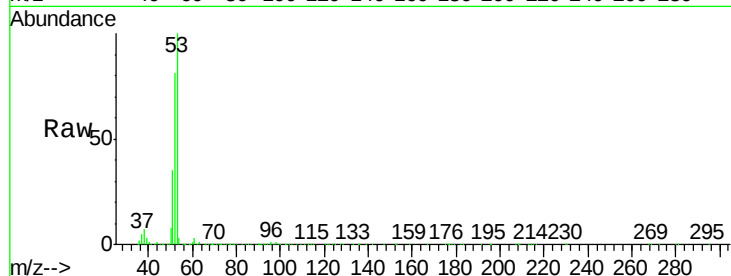




#15
 Acrylonitrile
 Concen: 88.135 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

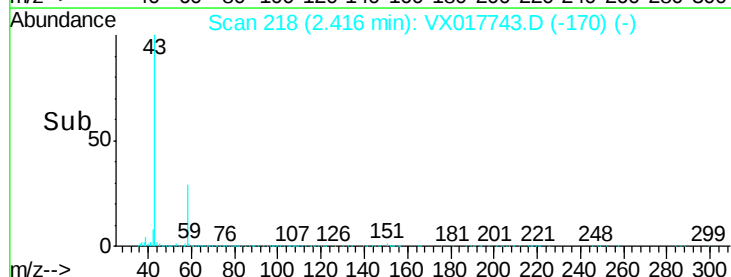
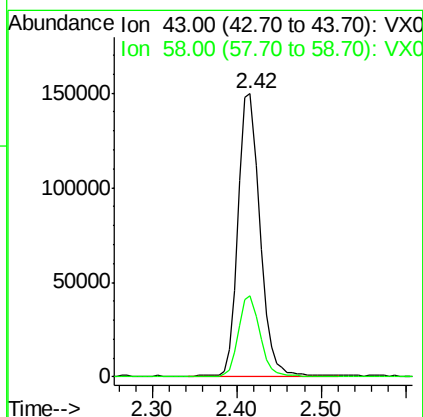
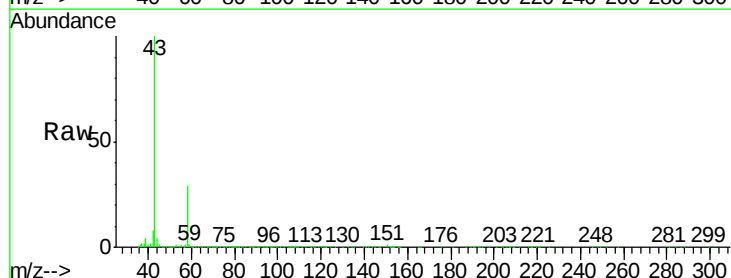
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

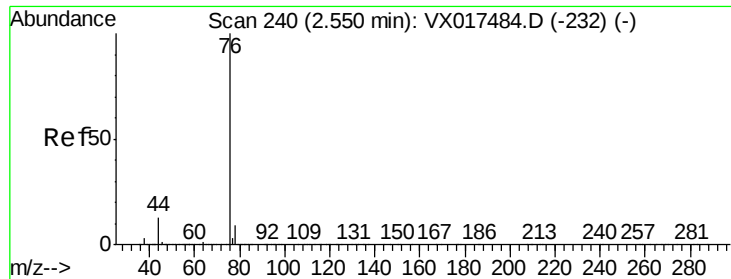
Tot Ion:	53	Resp:	284414
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	35.7	29.4	44.2



#16
 Acetone
 Concen: 83.649 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion:	43	Resp:	260997
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.2	36.4





#17

Carbon Disulfide

Concen: 15.362 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

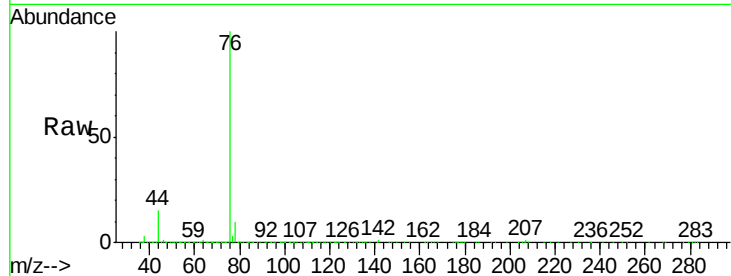
VX0803WBS01

Tot Ion: 76 Resp: 266161

Ion Ratio Lower Upper

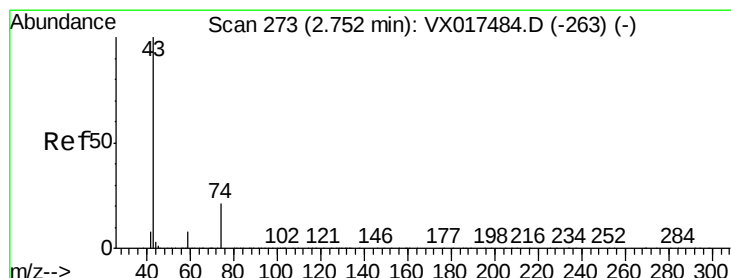
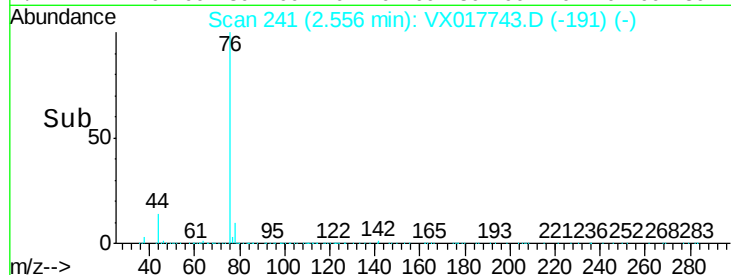
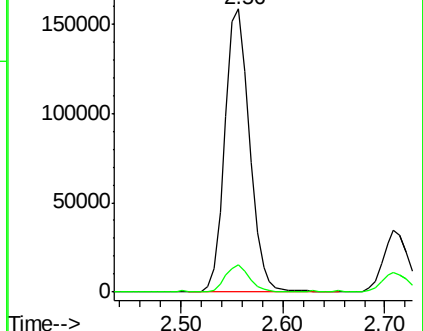
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.128 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017743.D

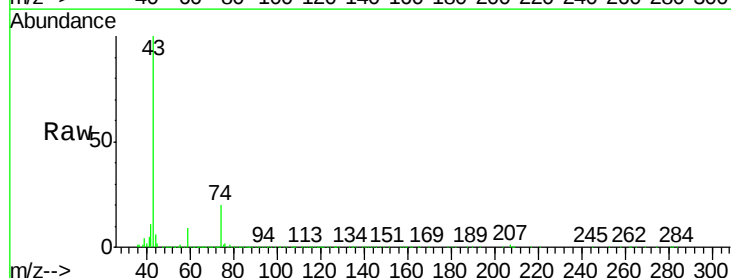
Acq: 03 Aug 2020 14:02

Tgt Ion: 43 Resp: 140562

Ion Ratio Lower Upper

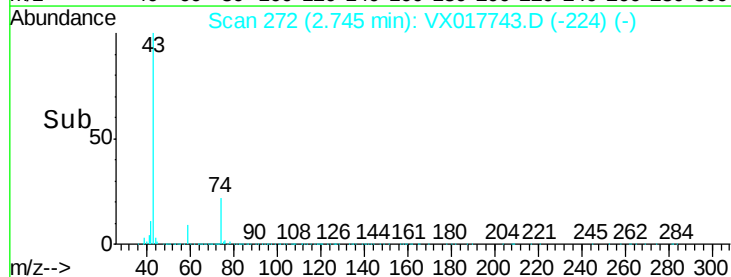
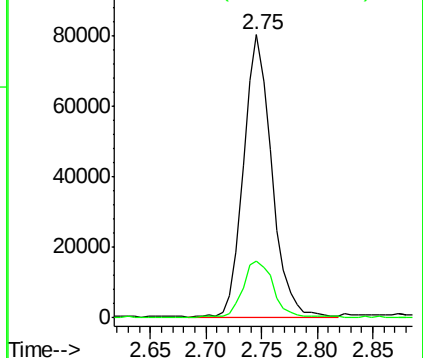
43 100

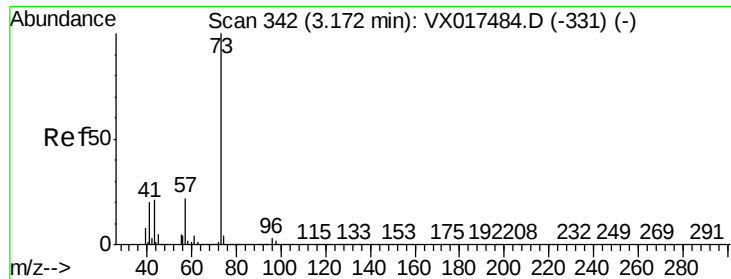
74 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



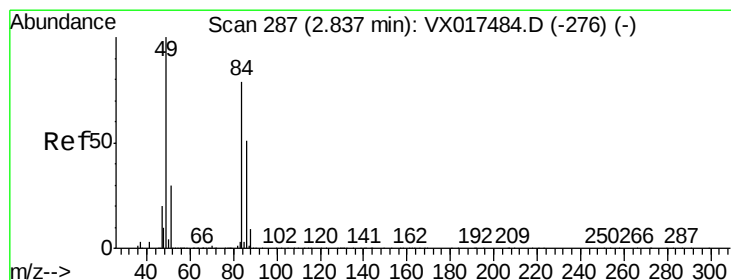
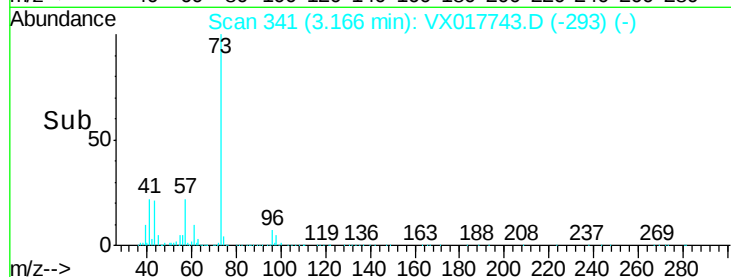
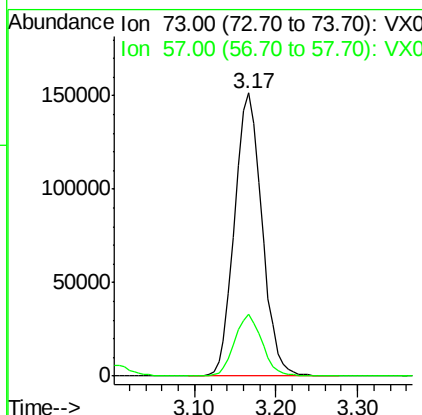
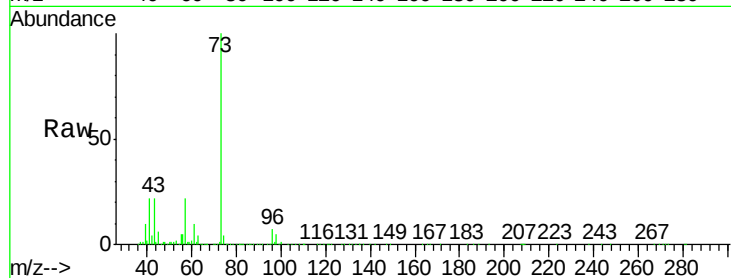


#19

Methyl tert-butyl Ether
 Concen: 17.740 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

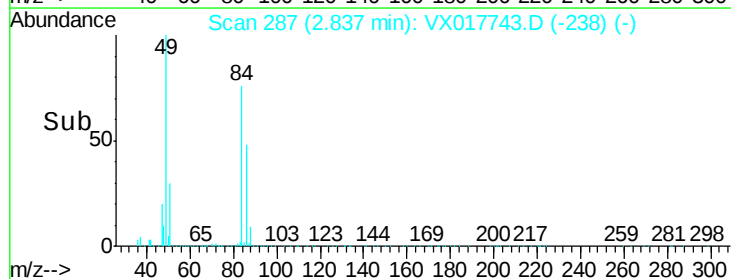
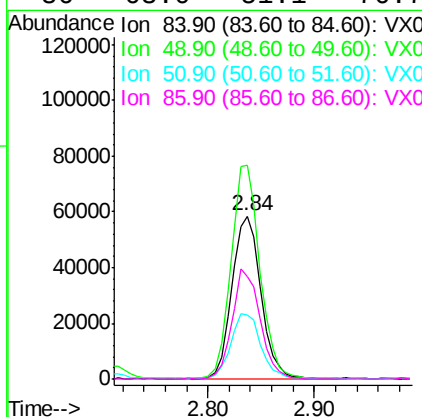
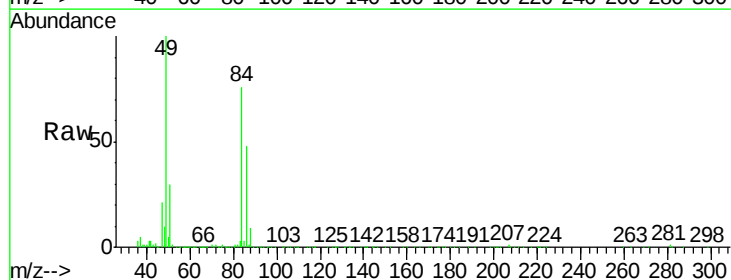
Tot Ion: 73 Resp: 350010
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.0 25.4

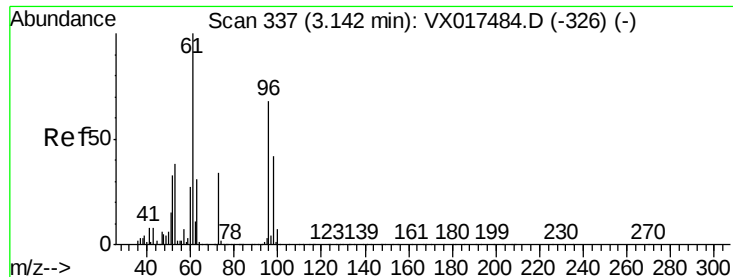


#20

Methylene Chloride
 Concen: 18.295 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion: 84 Resp: 112291
 Ion Ratio Lower Upper
 84 100
 49 130.9 100.3 150.5
 51 39.3 30.5 45.7
 86 63.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.516 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

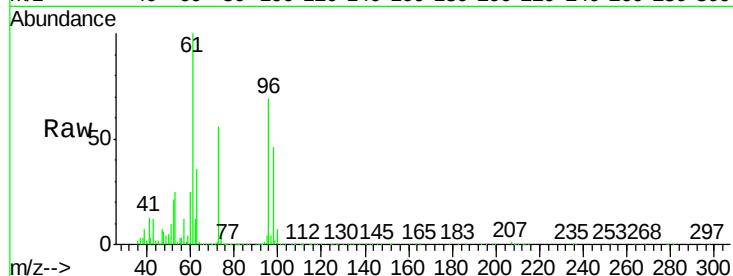
Tot Ion: 96 Resp: 106965

Ion Ratio Lower Upper

96 100

61 144.9 113.0 169.4

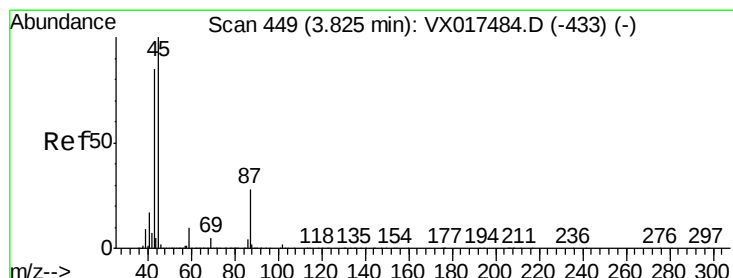
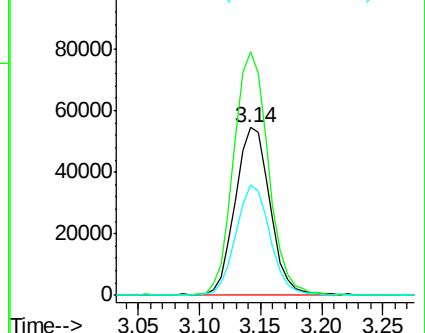
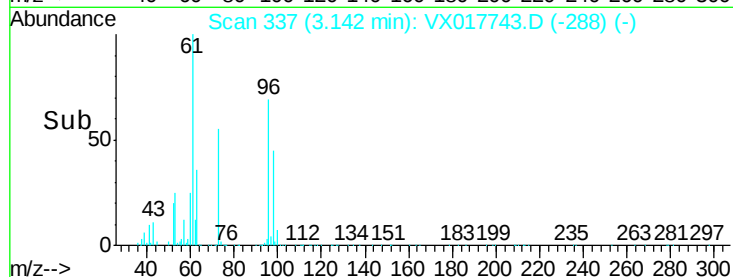
98 65.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.664 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Tgt Ion: 45 Resp: 355197

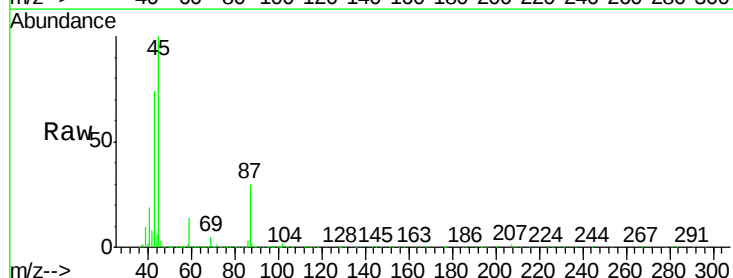
Ion Ratio Lower Upper

45 100

43 73.6 52.0 78.0

87 29.6 22.2 33.4

59 13.5 8.9 13.3#

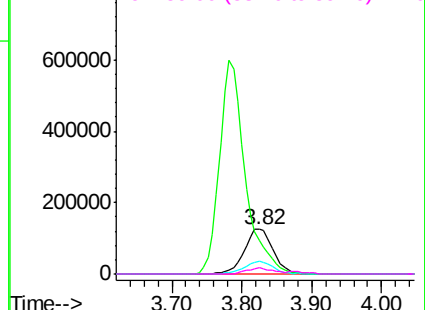
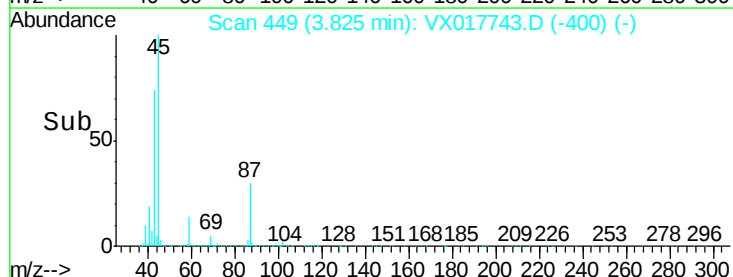


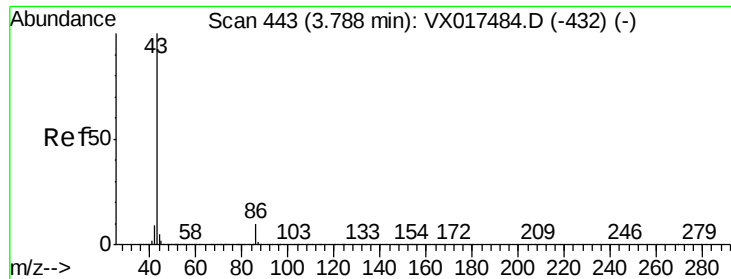
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.238 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

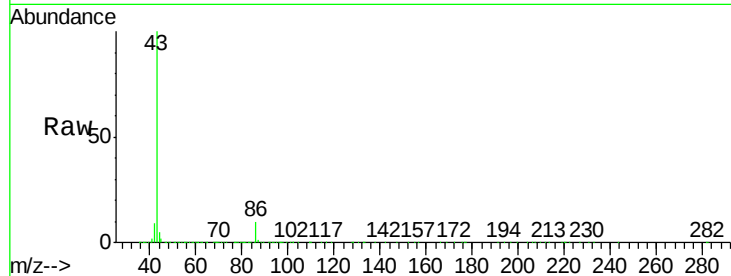
VX0803WBS01

Tot Ion: 43 Resp: 1531249

Ion Ratio Lower Upper

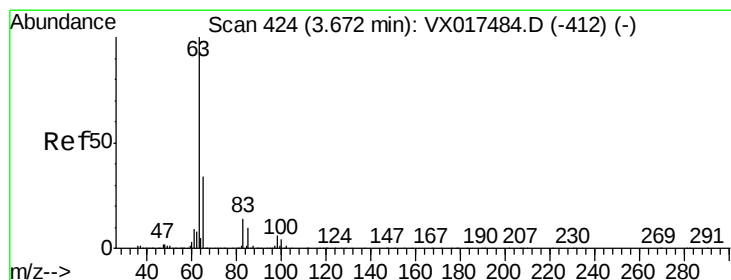
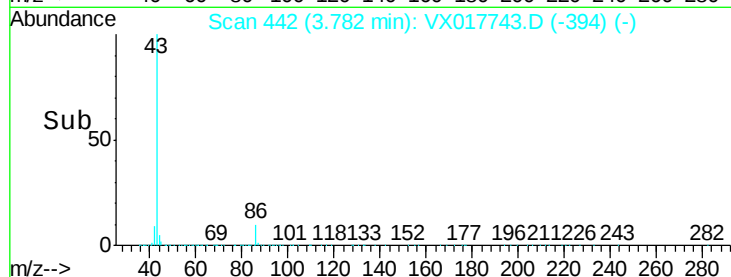
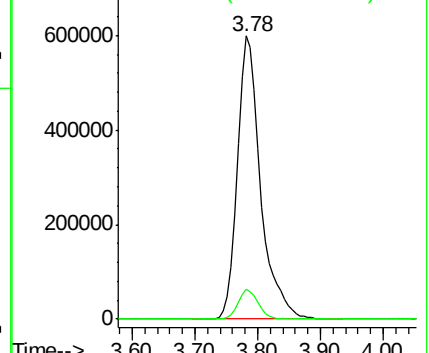
43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.767 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

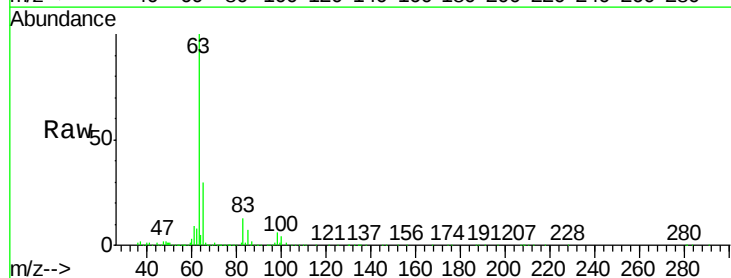
Tgt Ion: 63 Resp: 205744

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

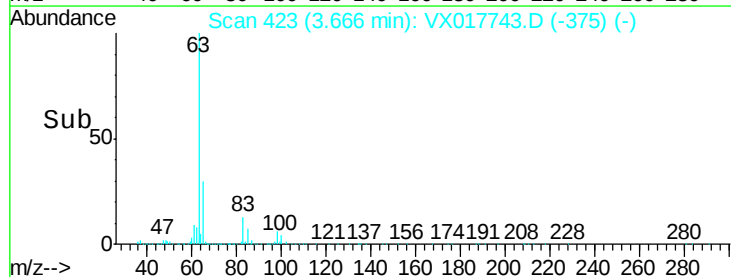
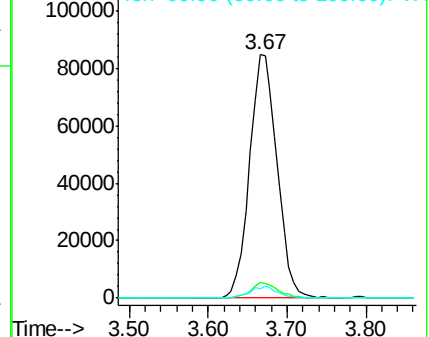
100 3.9 1.9 5.7

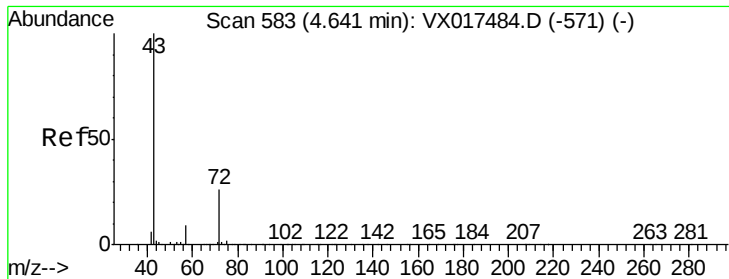


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.927 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

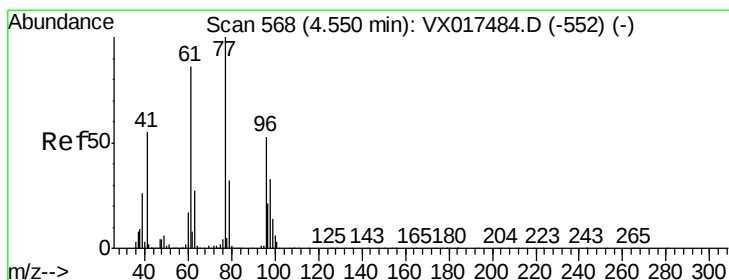
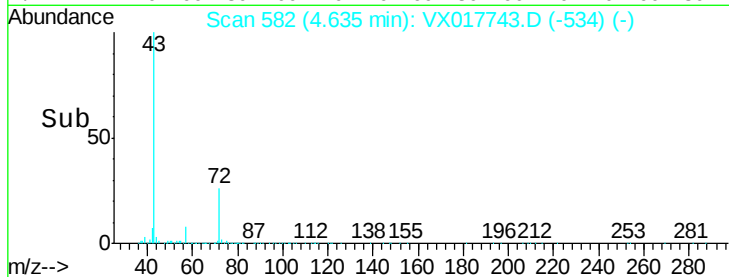
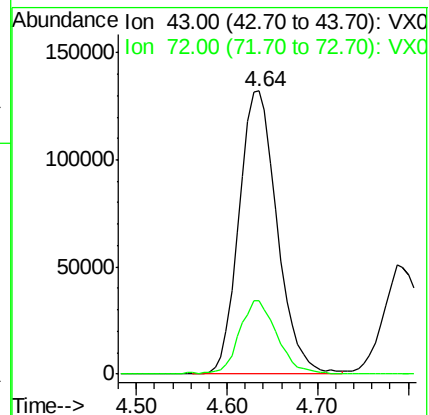
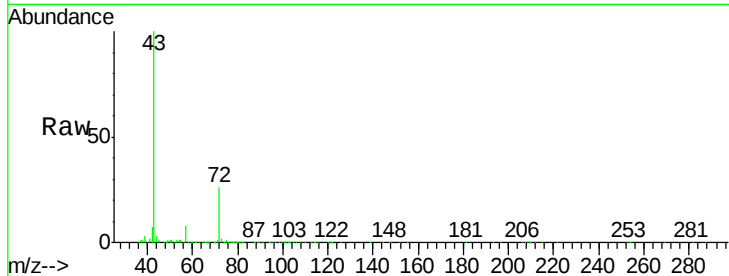
VX0803WBS01

Tot Ion: 43 Resp: 385301

Ion Ratio Lower Upper

43 100

72 25.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 19.396 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017743.D

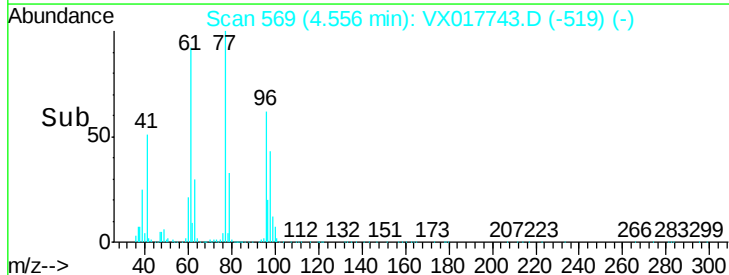
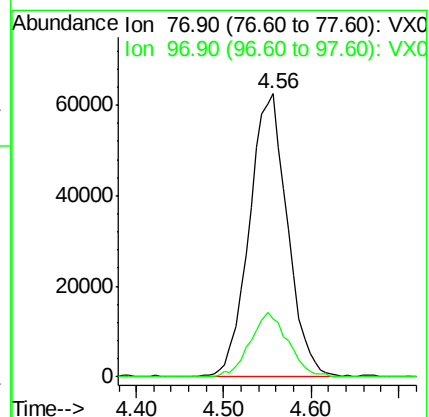
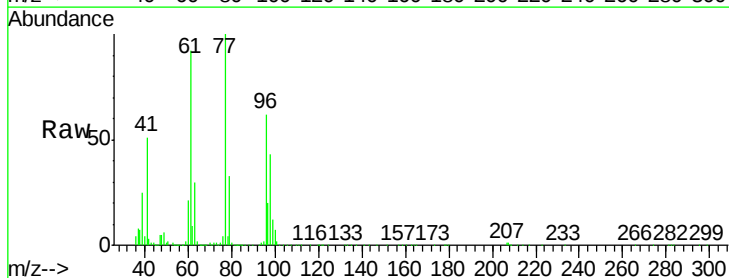
Acq: 03 Aug 2020 14:02

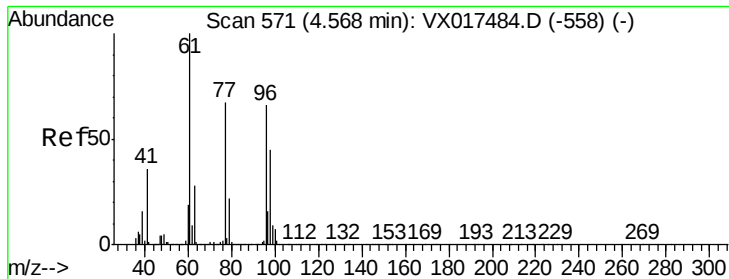
Tgt Ion: 77 Resp: 190346

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9



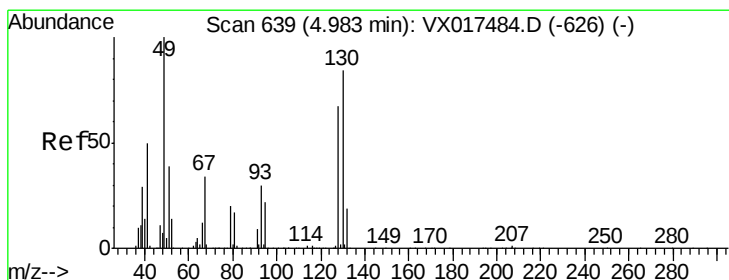
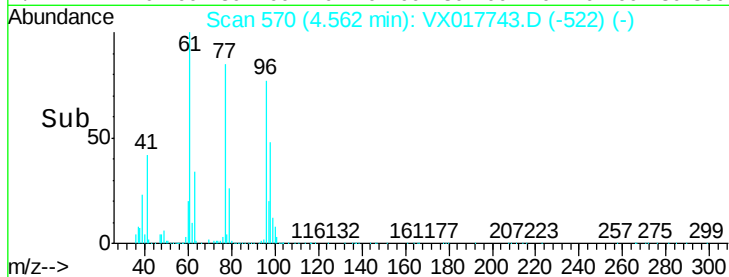
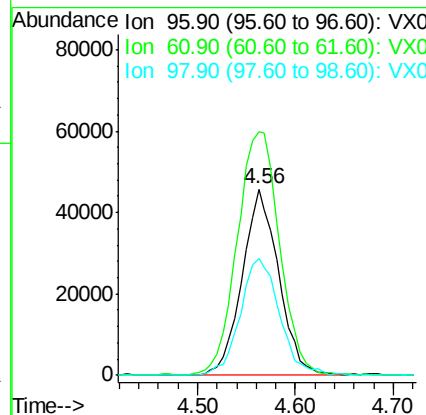
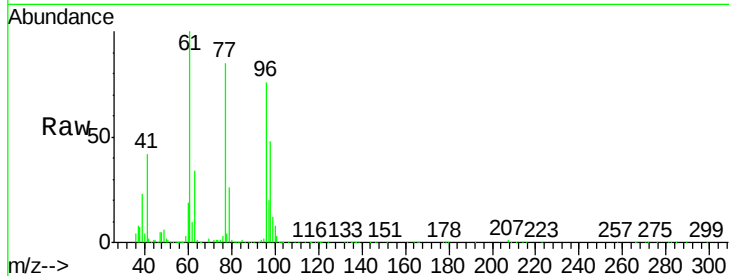


#27

cis-1,2-Dichloroethene
Concen: 17.820 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

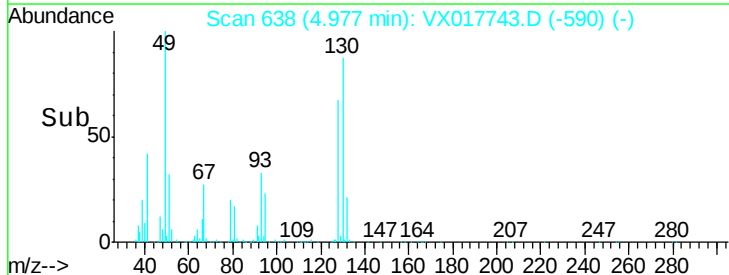
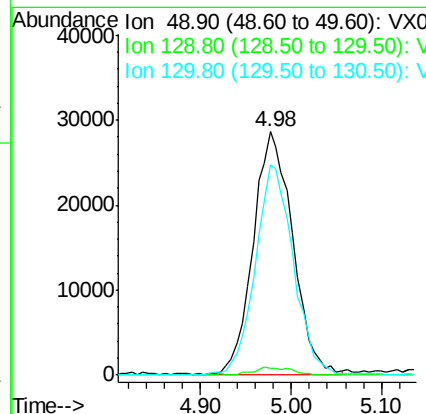
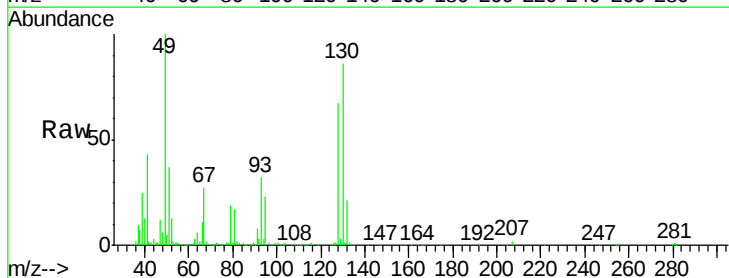
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	301.2
98	67.7	0.0	130.0

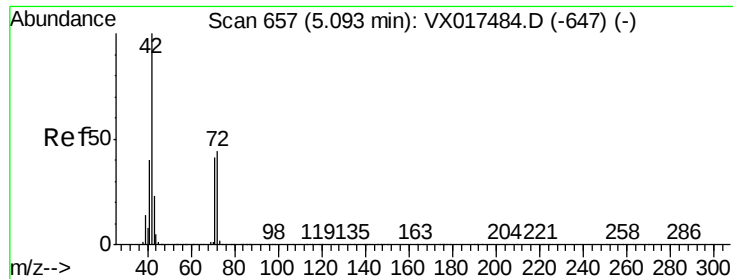


#28

Bromochloromethane
Concen: 17.389 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.6
130	83.5	66.7	100.1

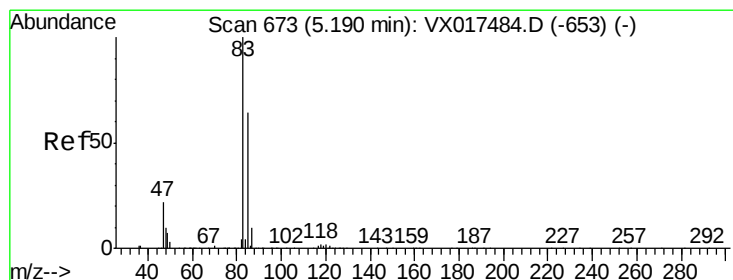
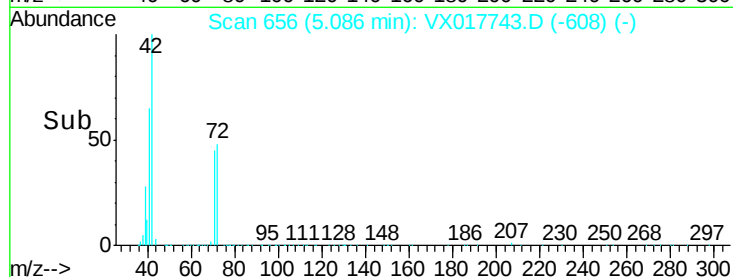
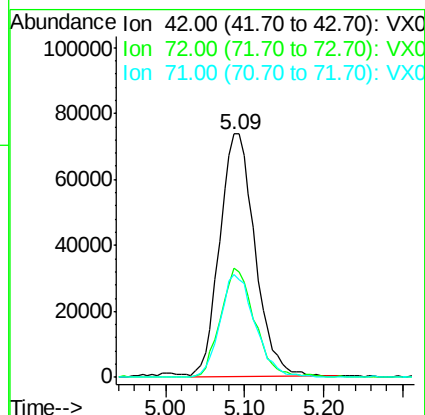
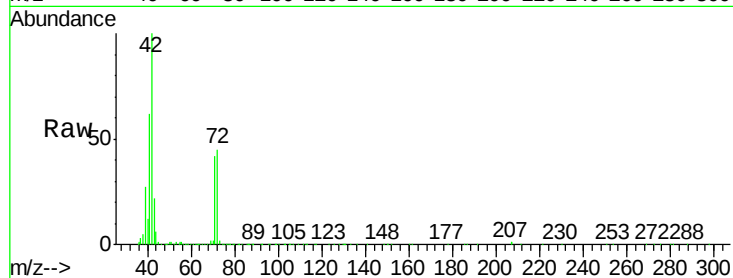




#29
Tetrahydrofuran
Concen: 83.592 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

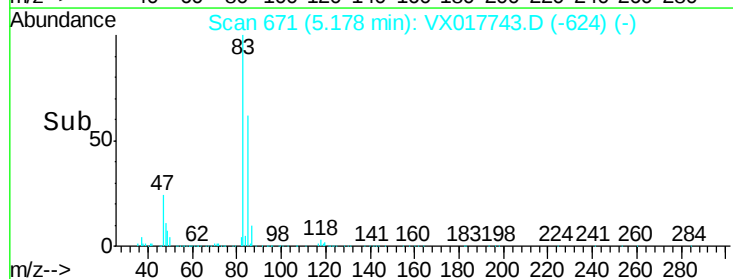
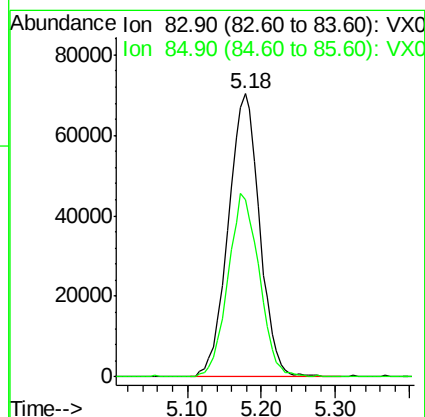
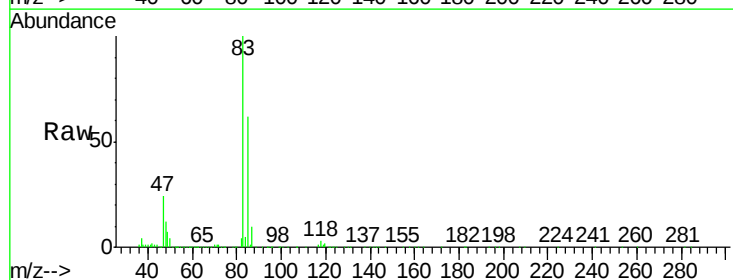
Instrument :
MSVOA_X
ClientSampled :
VX0803WBS01

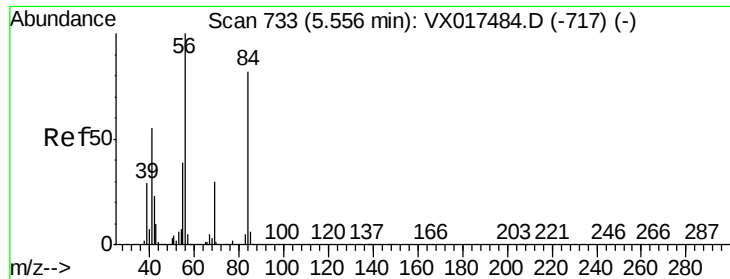
Tot Ion: 42 Resp: 229508
Ion Ratio Lower Upper
42 100
72 43.9 35.5 53.3
71 42.2 33.0 49.4



#30
Chloroform
Concen: 18.434 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 83 Resp: 206495
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.2

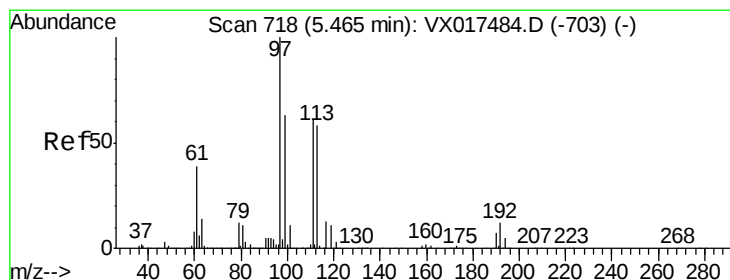
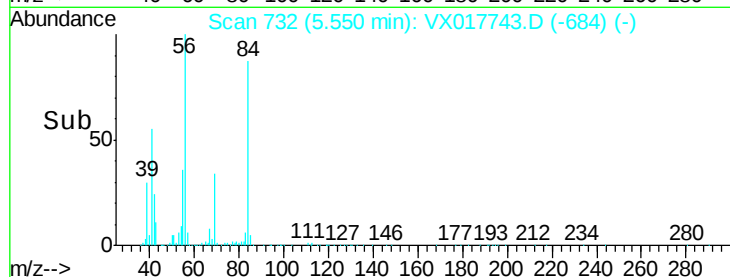
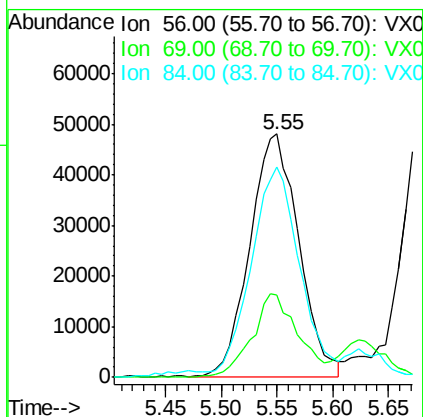
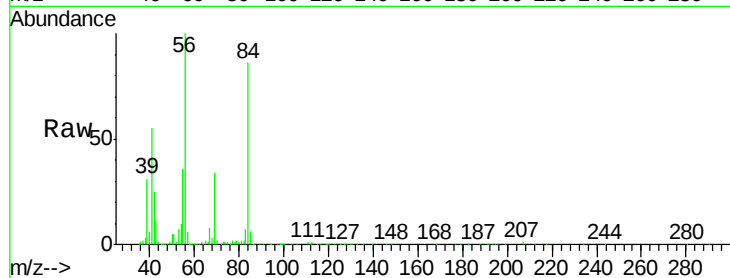




#31
Cyclohexane
Concen: 16.728 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

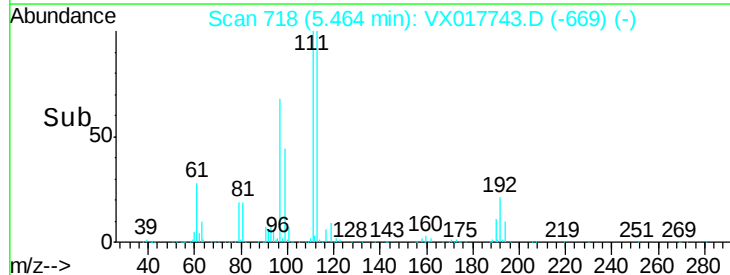
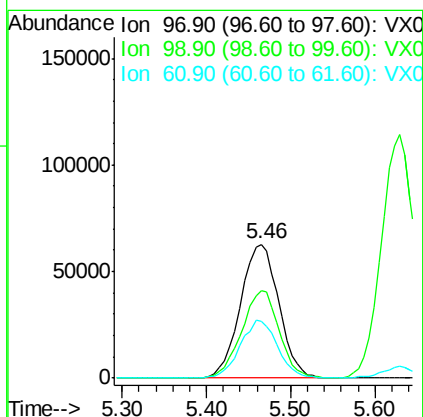
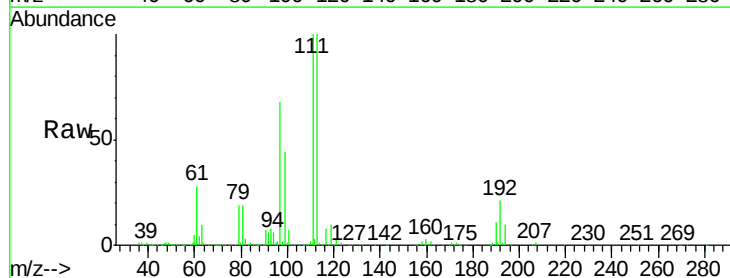
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

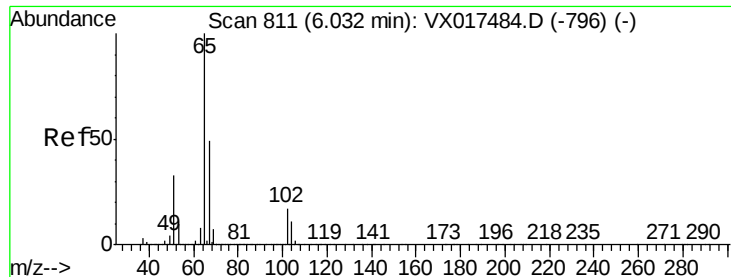
Tot Ion: 56 Resp: 146245
Ion Ratio Lower Upper
56 100
69 34.2 24.2 36.4
84 84.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.410 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 97 Resp: 194465
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 42.0 34.1 51.1

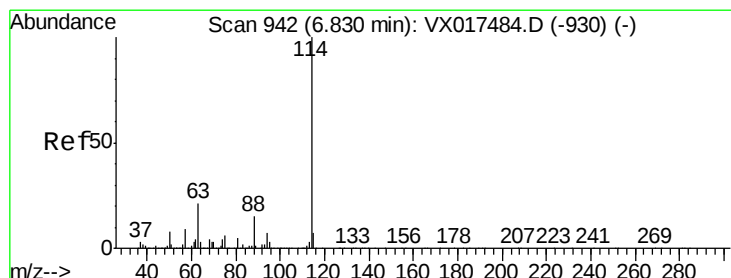
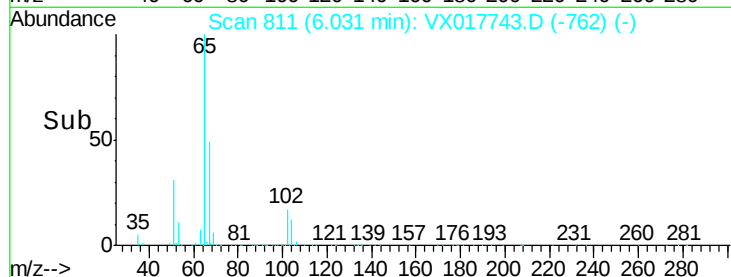
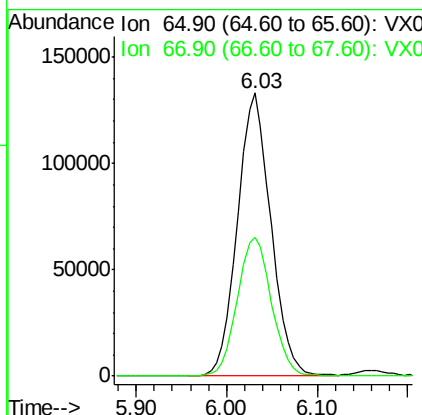
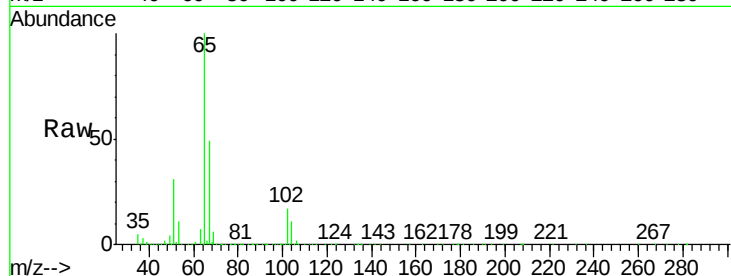




#33
 1,2-Dichloroethane-d4
 Concen: 47.798 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

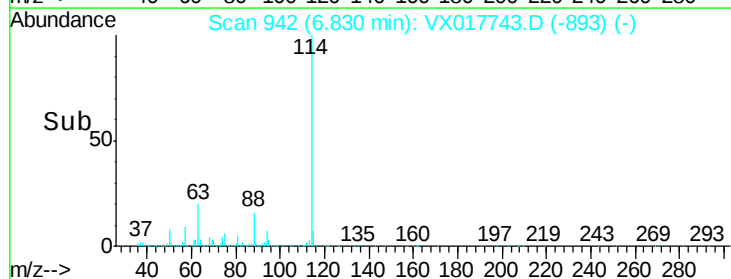
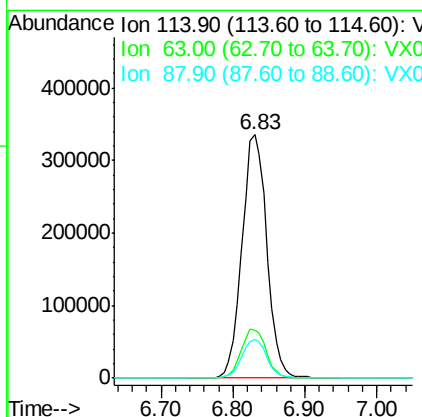
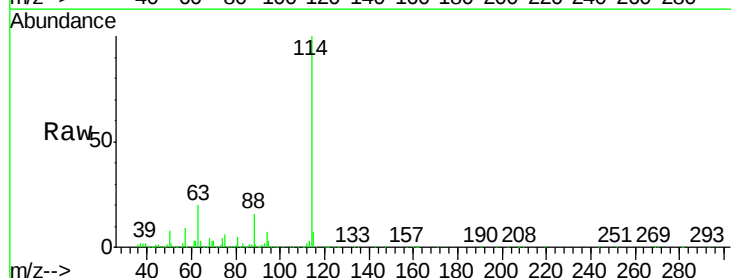
Instrument :
 MSVOA_X
 ClientSampled :
 VX0803WBS01

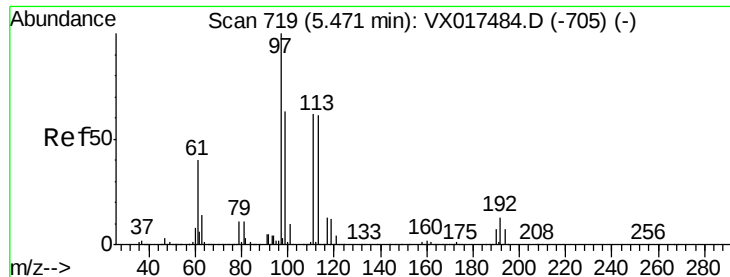
Tot Ion: 65 Resp: 338842
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion: 114 Resp: 800642
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 16.0 0.0 33.4

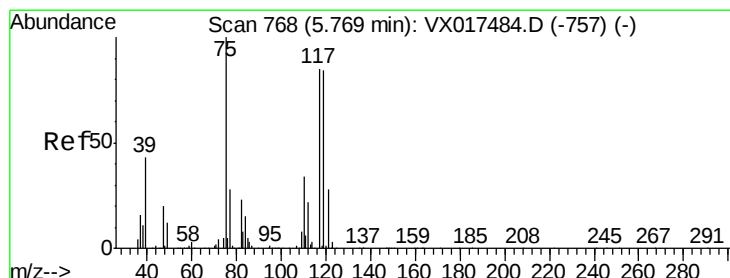
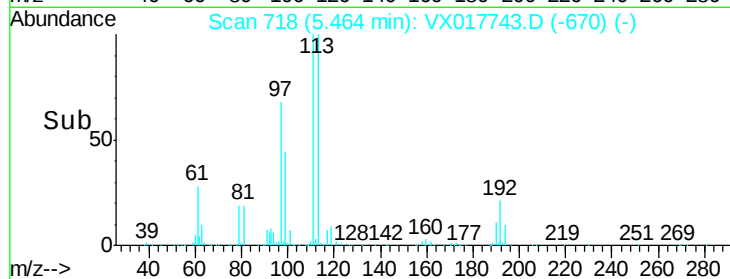
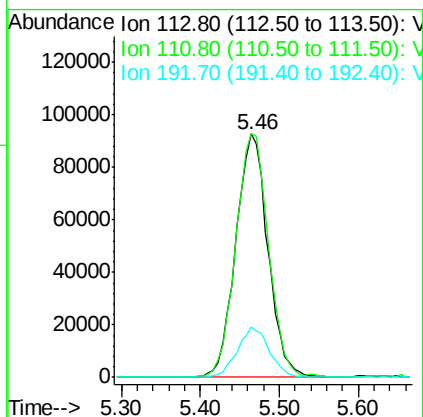
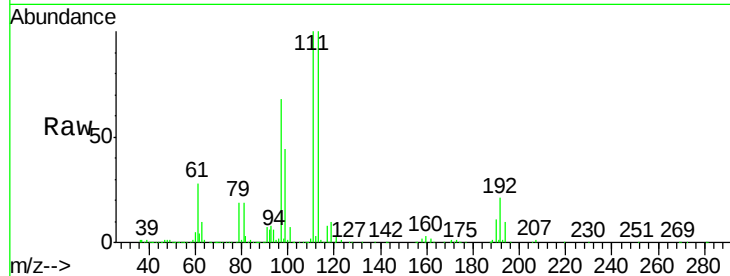




#35
 Dibromofluoromethane
 Concen: 48.939 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

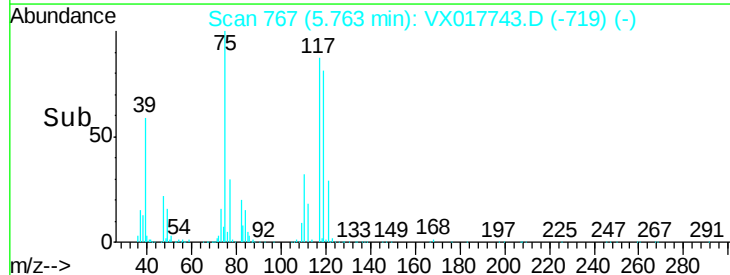
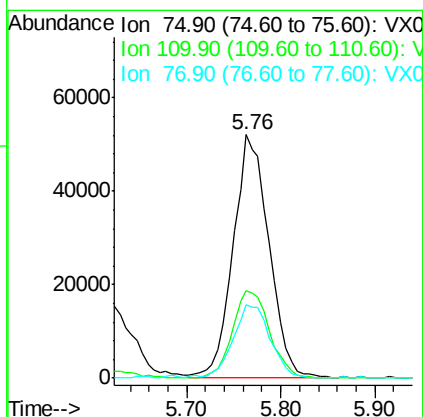
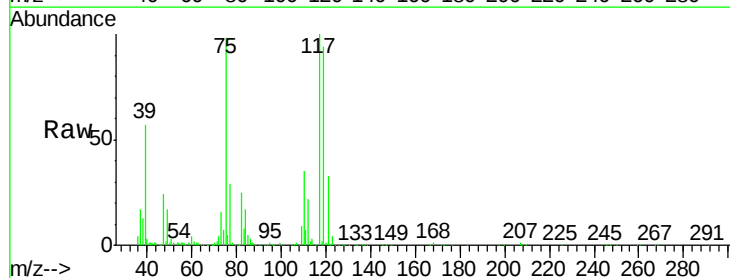
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

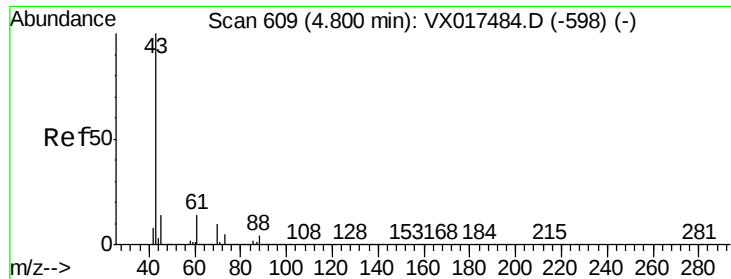
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	20.6	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 17.846 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.3
77	30.6	24.6	37.0

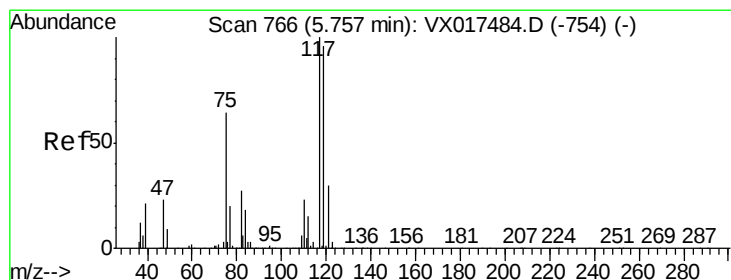
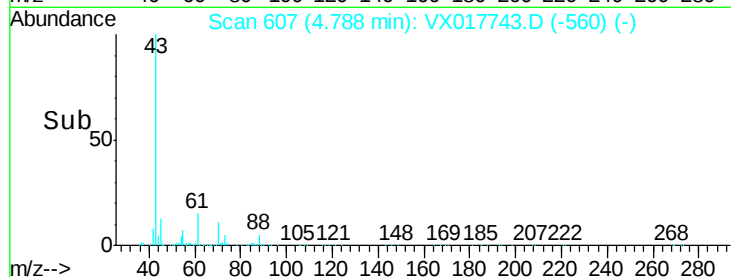
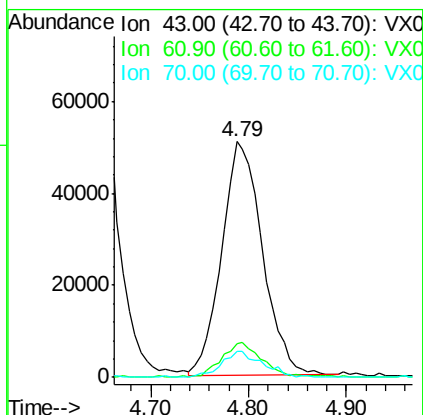
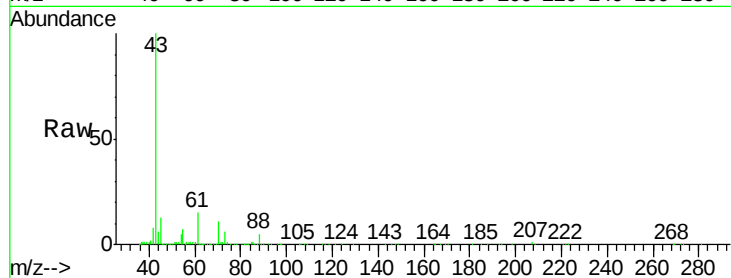




#37
Ethyl Acetate
Concen: 17.512 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

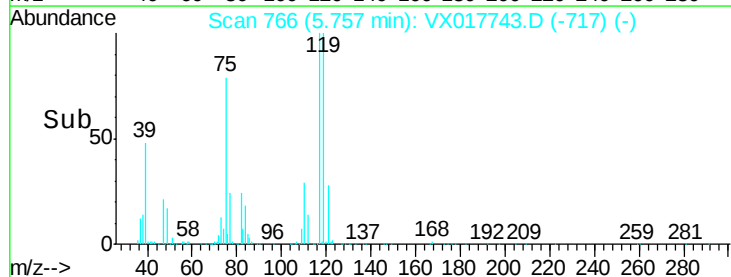
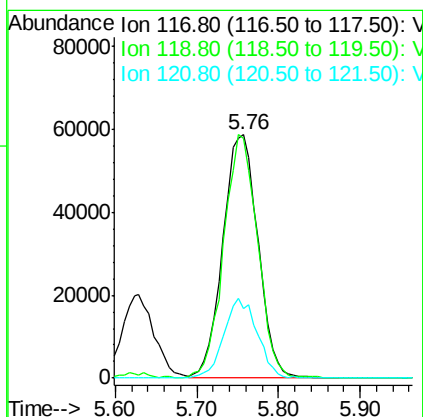
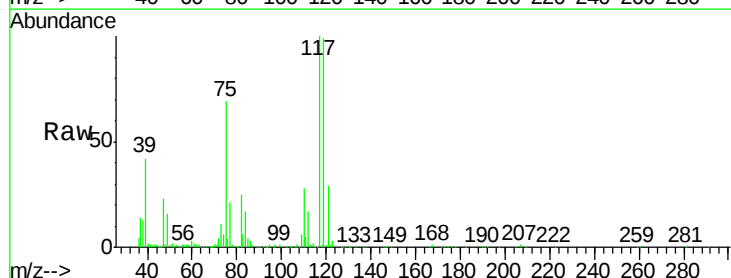
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

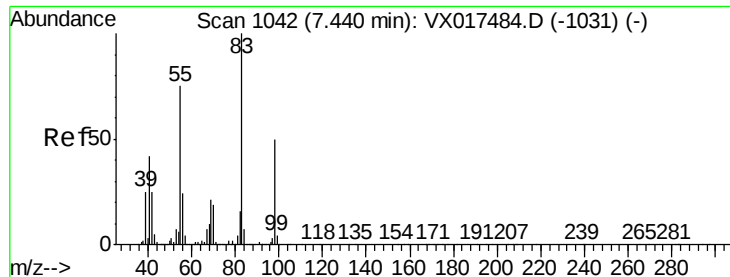
Tot Ion:	43	Resp:	147134
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.7	16.1
70	11.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 18.801 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion:	117	Resp:	175316
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.4	113.0
121	28.7	24.3	36.5

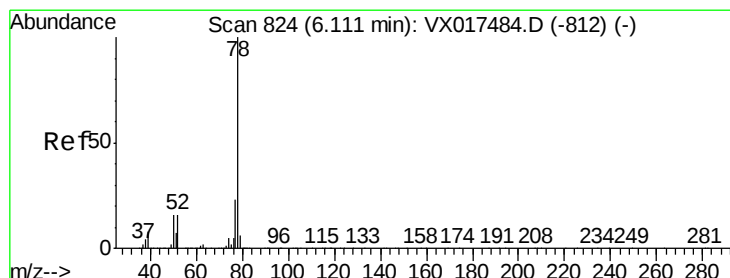
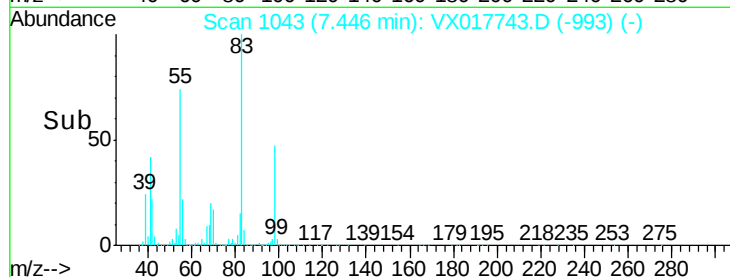
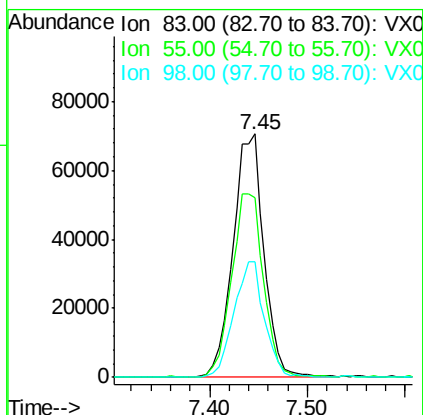
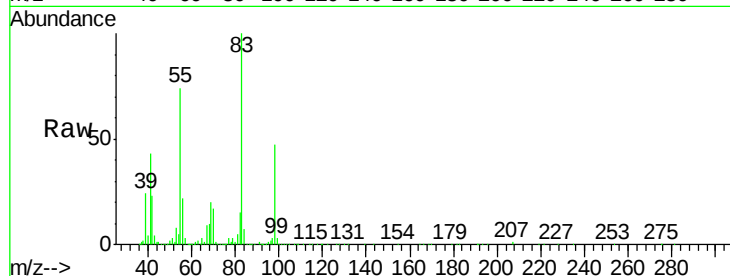




#39
Methvlcvclohexane
Concen: 17.267 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

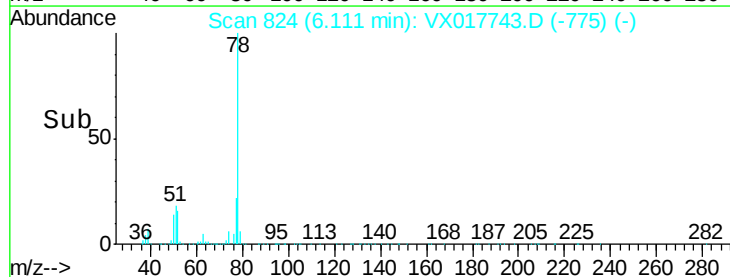
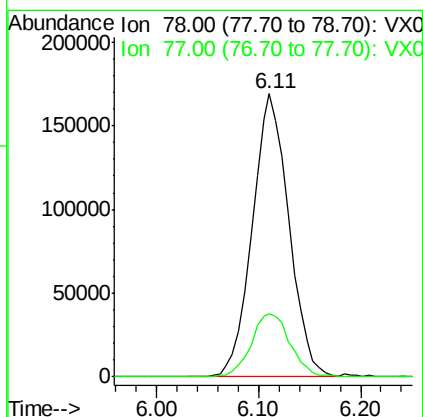
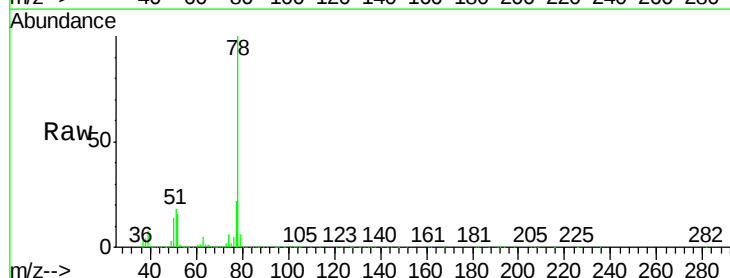
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

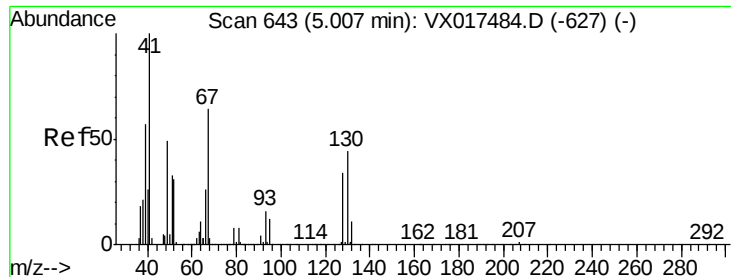
Tot Ion: 83 Resp: 154784
Ion Ratio Lower Upper
83 100
55 73.4 61.8 92.8
98 47.5 36.9 55.3



#40
Benzene
Concen: 19.136 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 78 Resp: 421281
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.2

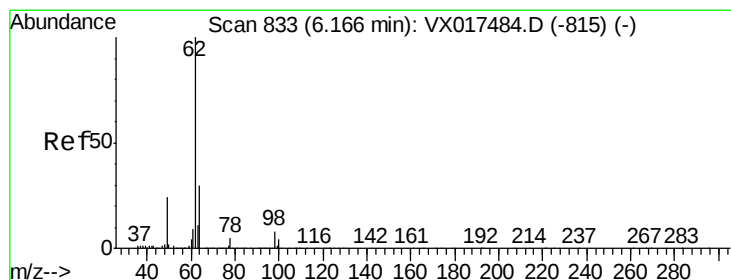
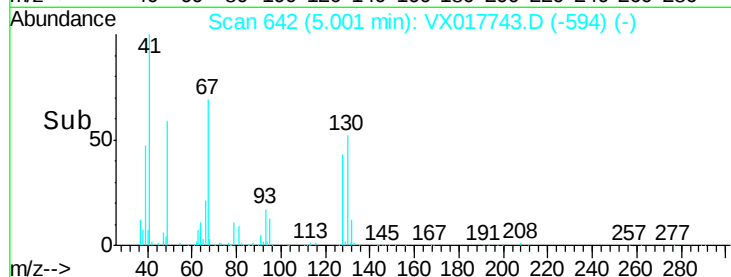
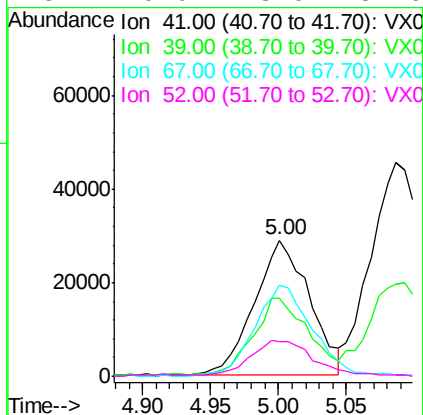
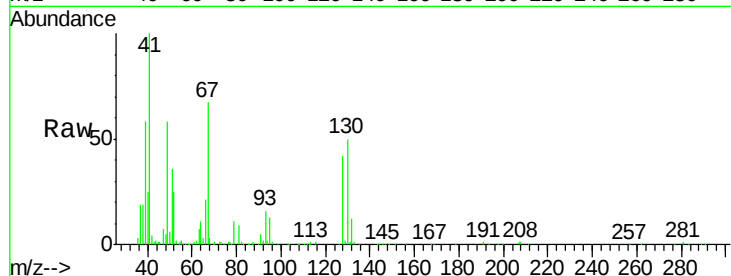




#41
Methacrylonitrile
Concen: 16.981 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

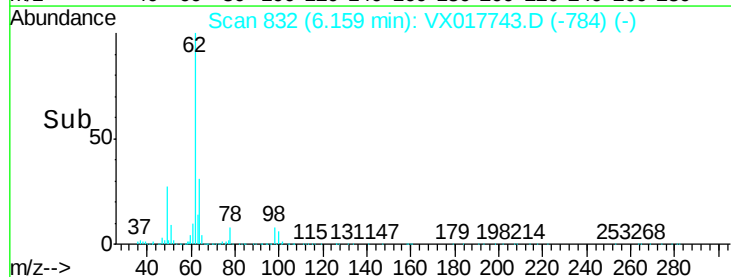
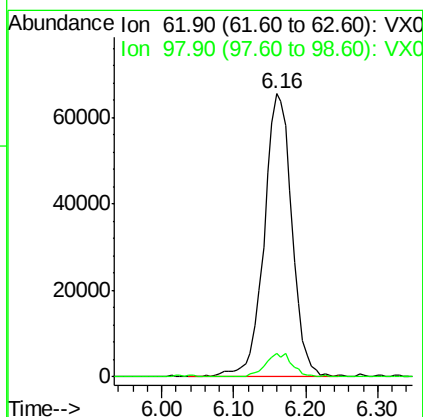
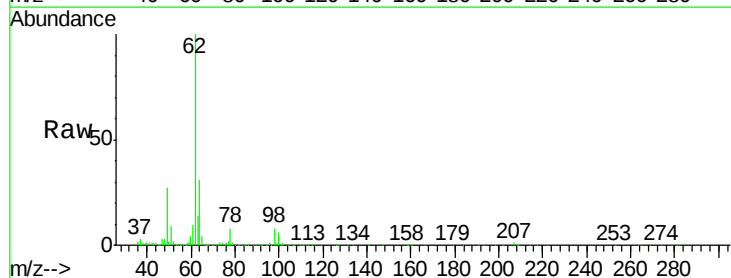
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

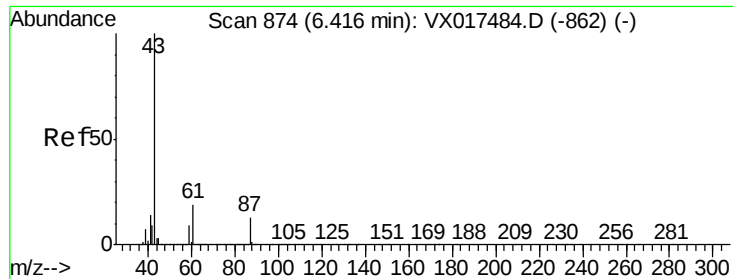
Tot Ion:	41	Resp:	81778
Ion	Ratio	Lower	Upper
41	100		
39	57.1	43.9	65.9
67	70.6	54.0	81.0
52	29.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.455 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion:	62	Resp:	175219
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.745 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

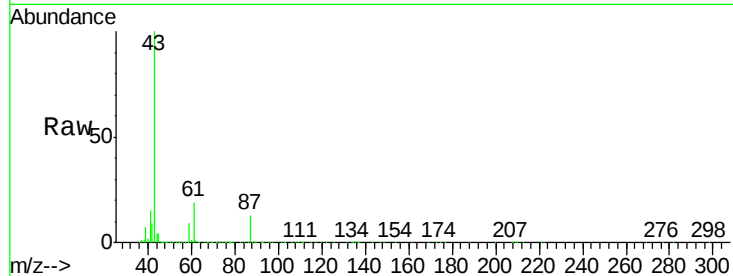
Tot Ion: 43 Resp: 259853

Ion Ratio Lower Upper

43 100

61 18.9 15.5 23.3

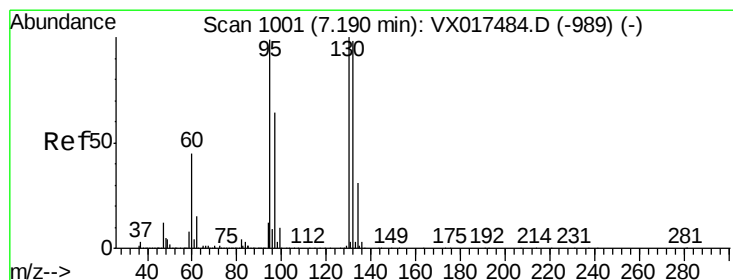
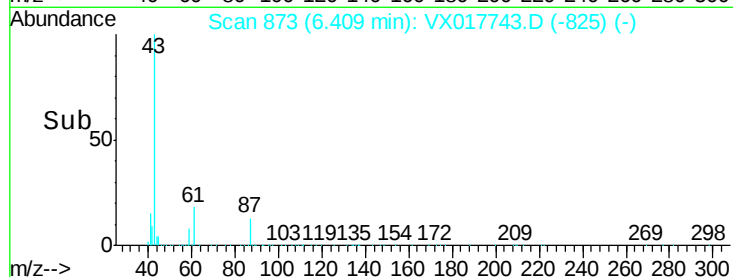
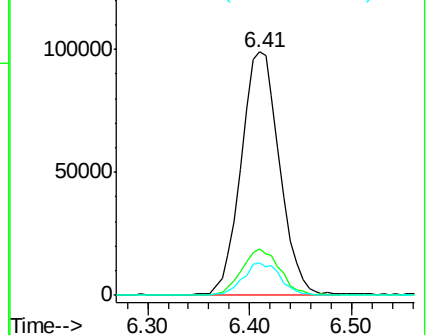
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.525 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017743.D

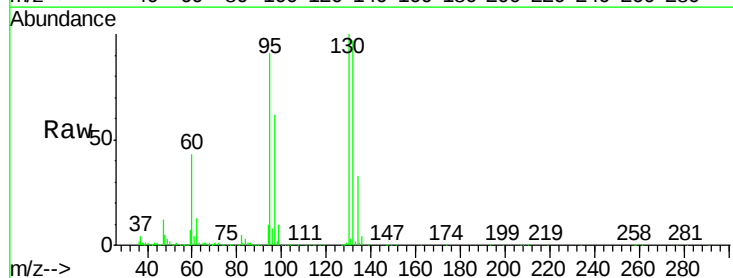
Acq: 03 Aug 2020 14:02

Tgt Ion: 130 Resp: 125619

Ion Ratio Lower Upper

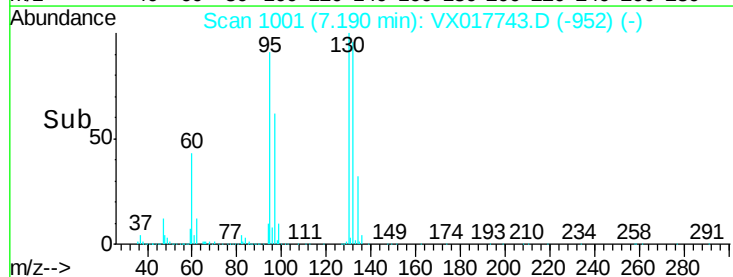
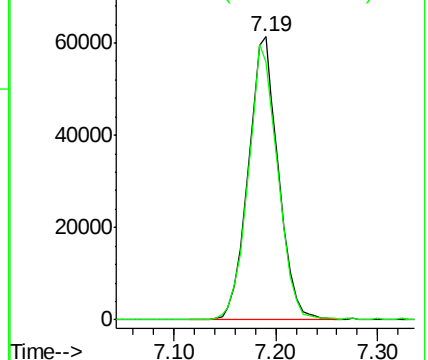
130 100

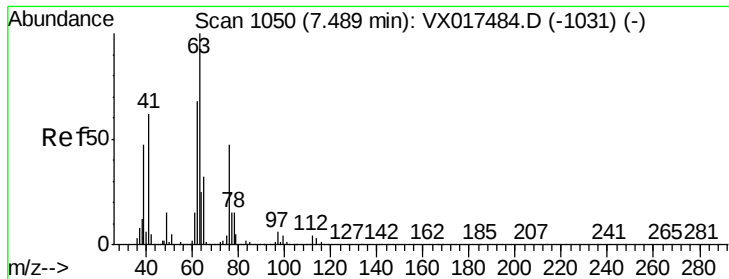
95 90.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 16.694 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

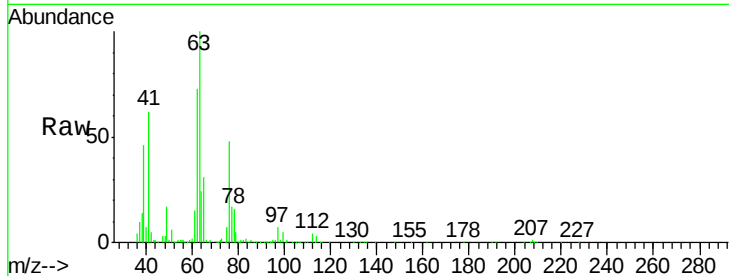
VX0803WBS01

Tot Ion: 63 Resp: 101879

Ion Ratio Lower Upper

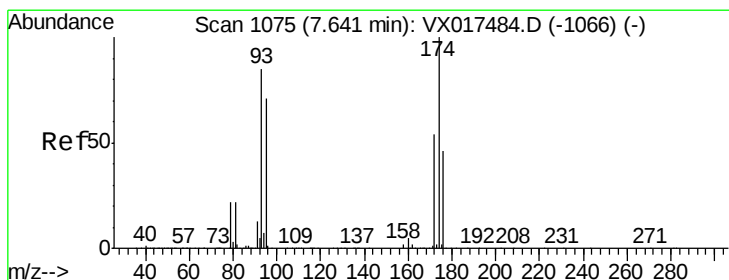
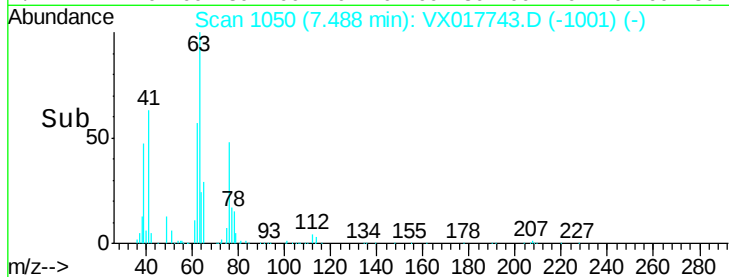
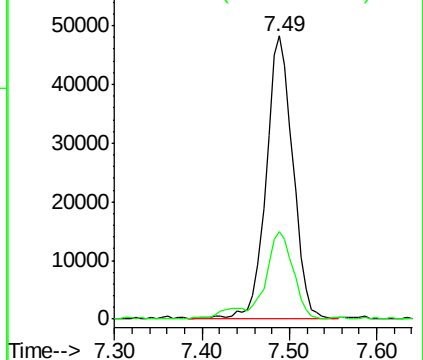
63 100

65 30.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.882 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

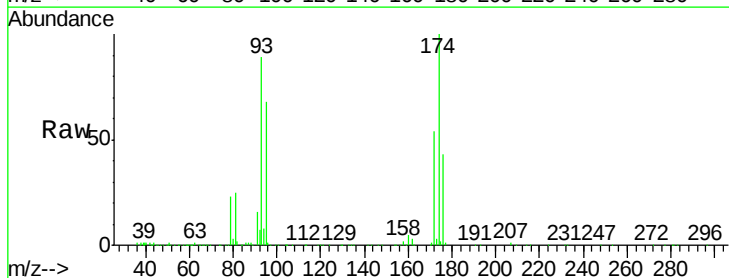
Tgt Ion: 93 Resp: 77125

Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

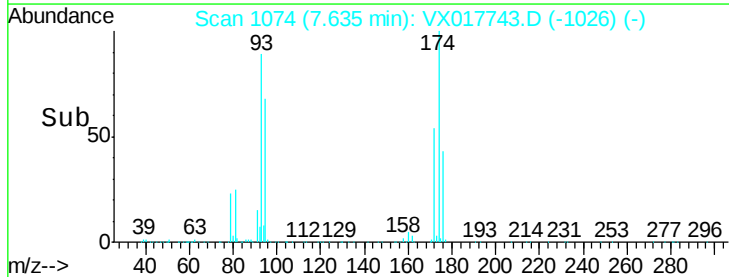
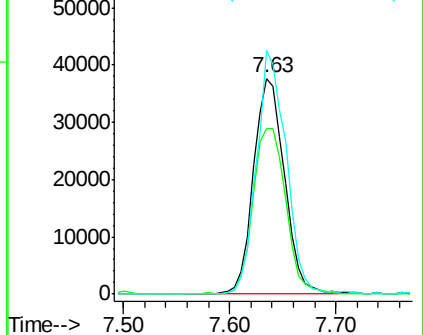
174 108.4 87.0 130.6

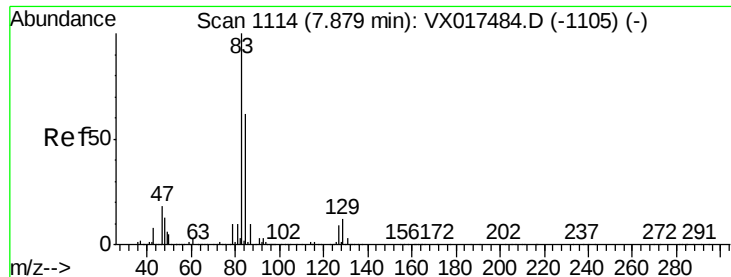


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.217 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

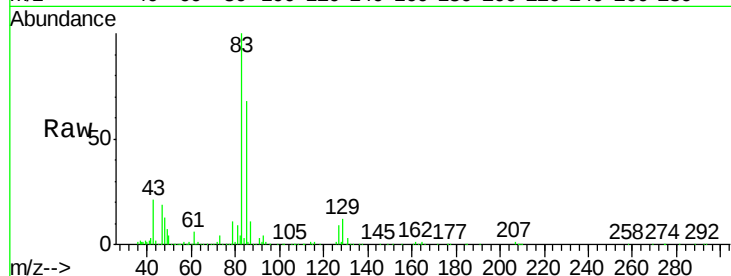
Tot Ion: 83 Resp: 166771

Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.8	77.8
127	8.9	7.4	11.2

83 100

85 67.8 51.8 77.8

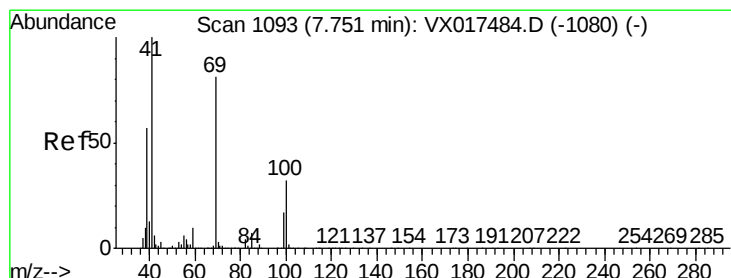
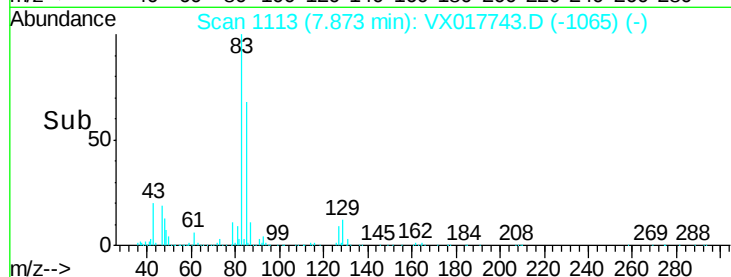
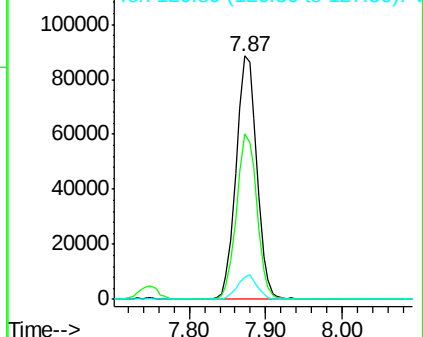
127 8.9 7.4 11.2



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: 17.937 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

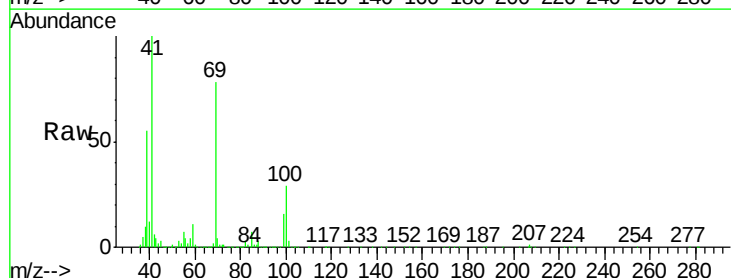
Tgt Ion: 41 Resp: 123255

Ion	Ratio	Lower	Upper
41	100		
69	83.0	63.1	94.7
39	59.3	45.1	67.7

41 100

69 83.0 63.1 94.7

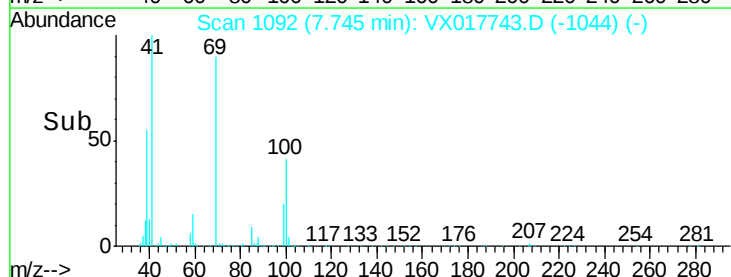
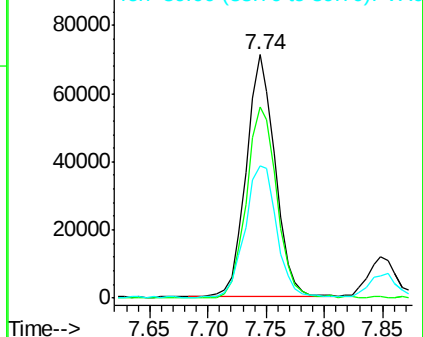
39 59.3 45.1 67.7

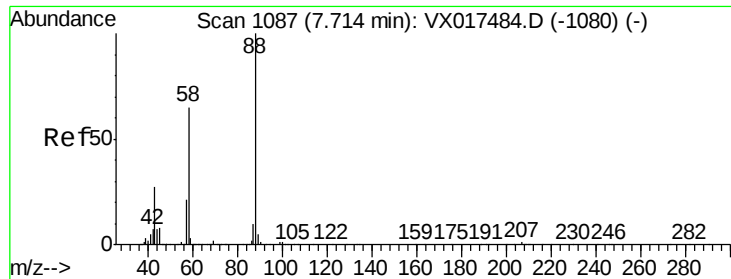


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 353.883 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

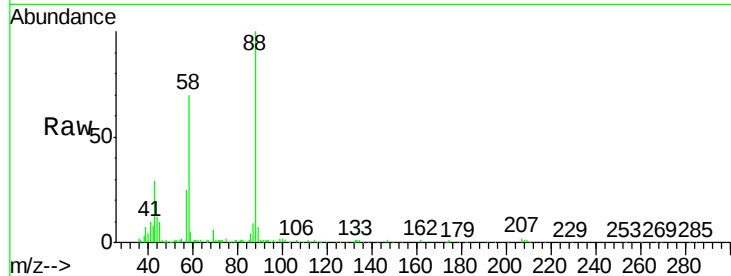
Tot Ion: 88 Resp: 46622

Ion Ratio Lower Upper

88 100

43 36.2 27.8 41.6

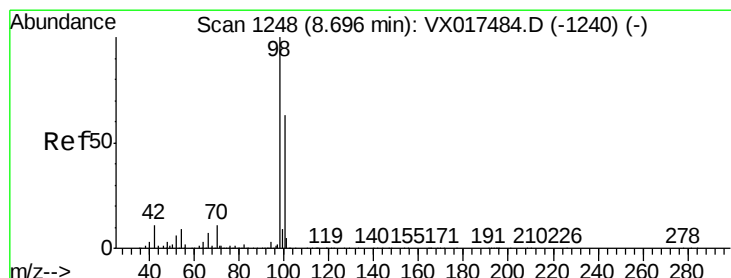
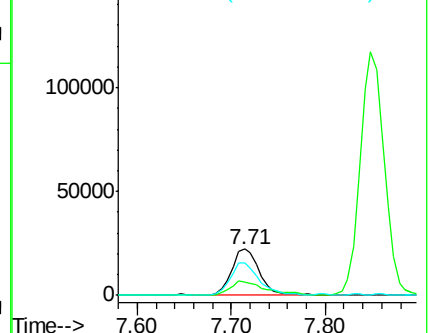
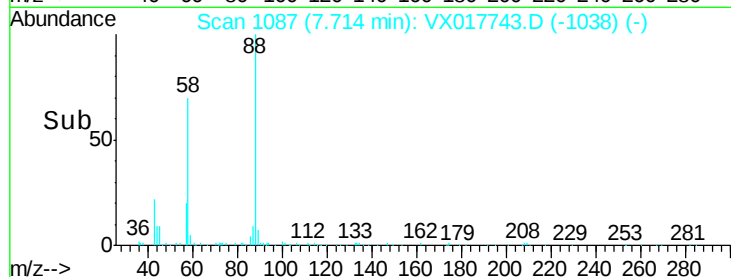
58 72.1 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.922 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017743.D

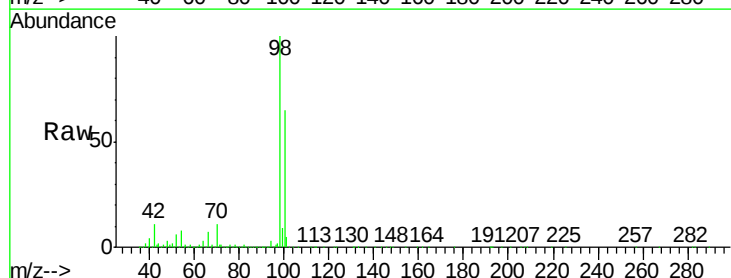
Acq: 03 Aug 2020 14:02

Tgt Ion: 98 Resp: 925722

Ion Ratio Lower Upper

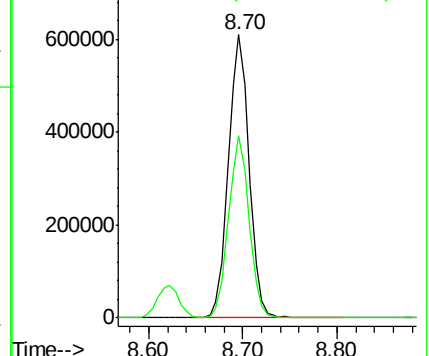
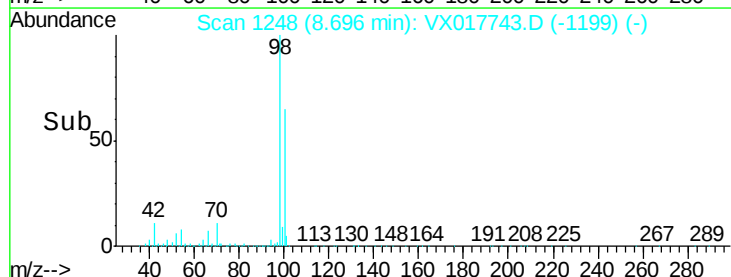
98 100

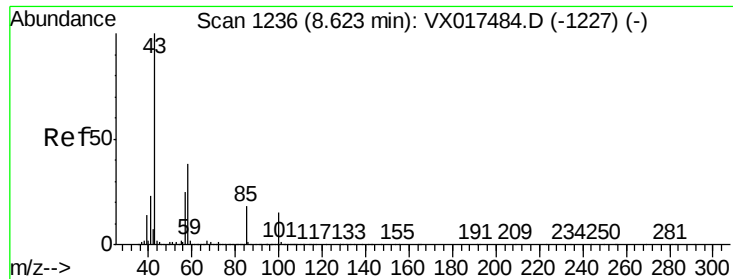
100 63.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 88.225 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

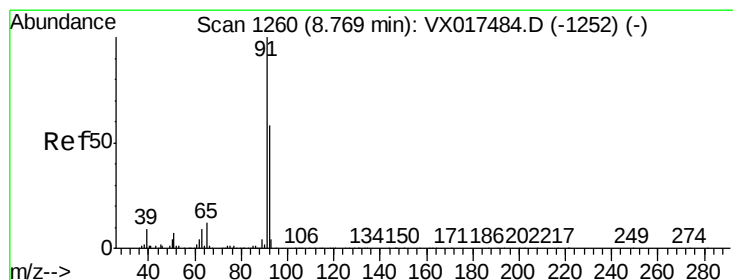
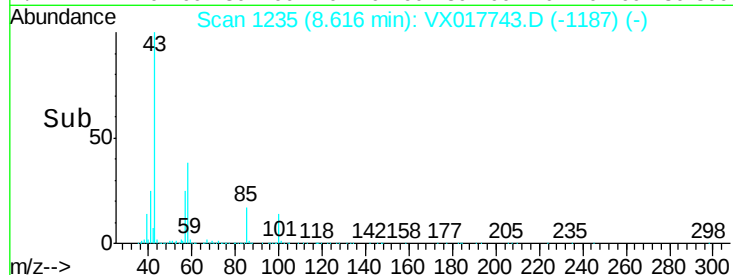
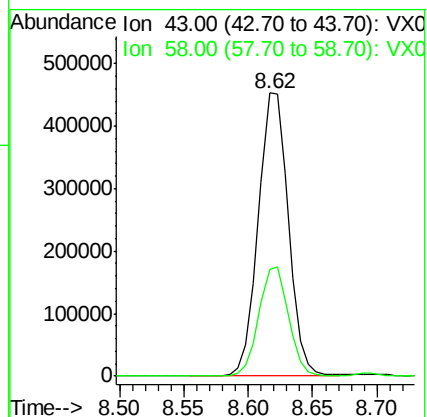
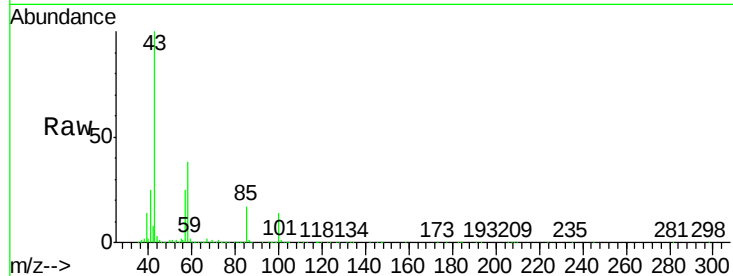
VX0803WBS01

Tot Ion: 43 Resp: 729736

Ion Ratio Lower Upper

43 100

58 38.1 31.0 46.4



#52

Toluene

Concen: 18.108 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017743.D

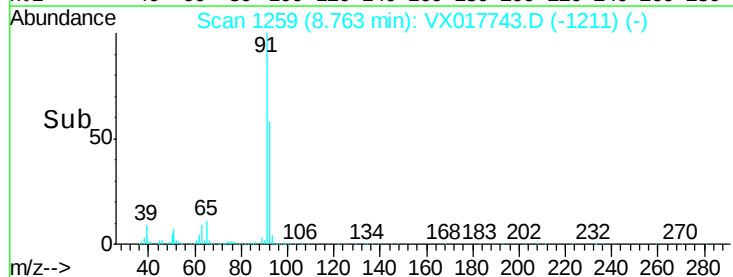
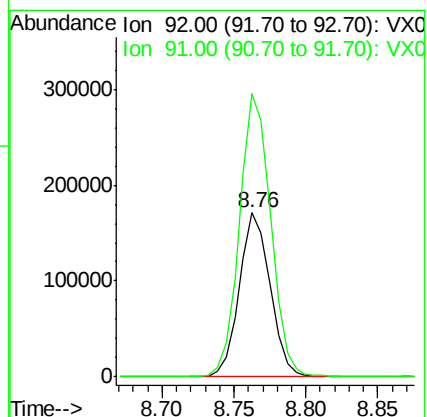
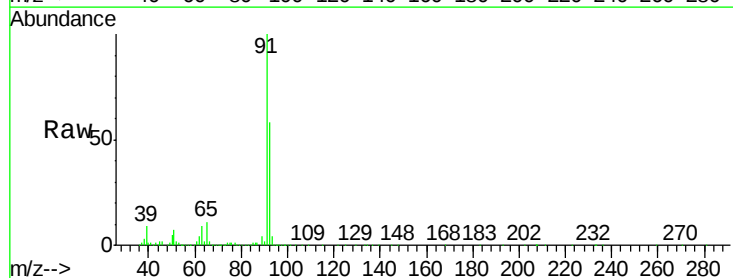
Acq: 03 Aug 2020 14:02

Tgt Ion: 92 Resp: 255653

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.165 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

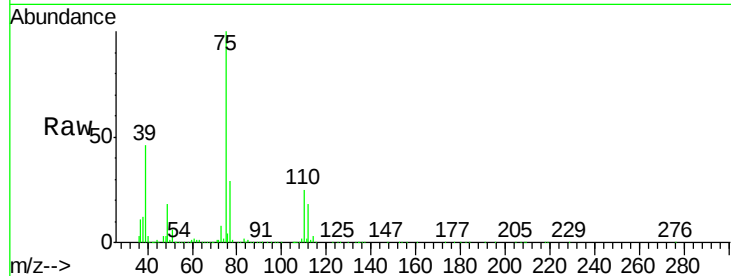
VX0803WBS01

Tot Ion: 75 Resp: 176467

Ion Ratio Lower Upper

75 100

77 28.7 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

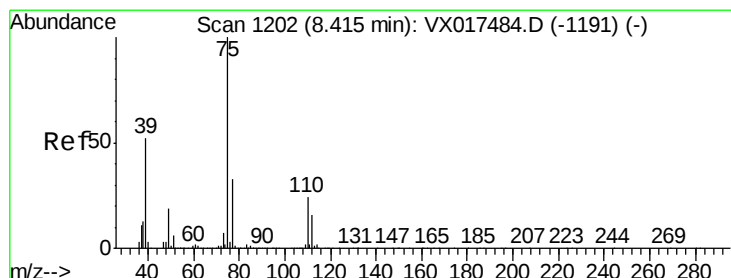
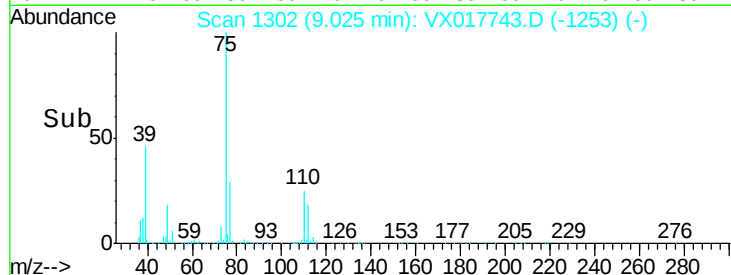
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.887 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

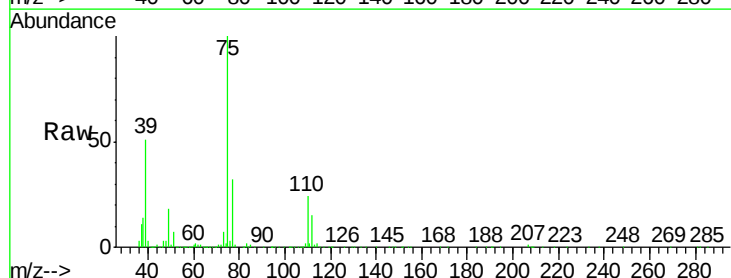
Tgt Ion: 75 Resp: 177245

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 51.1 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

150000

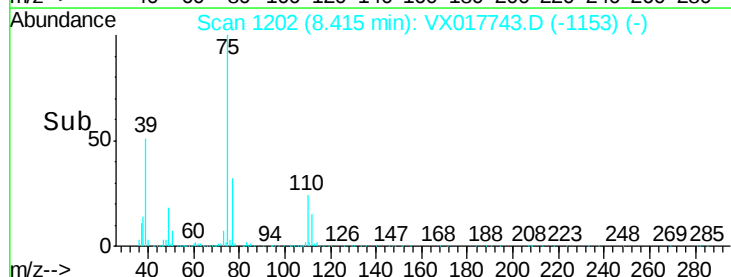
100000

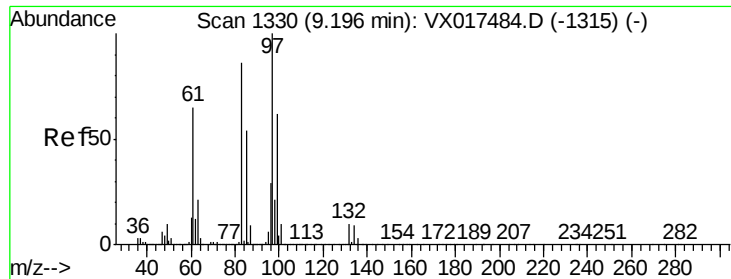
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 17.781 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

Tot Ion: 97 Resp: 104576

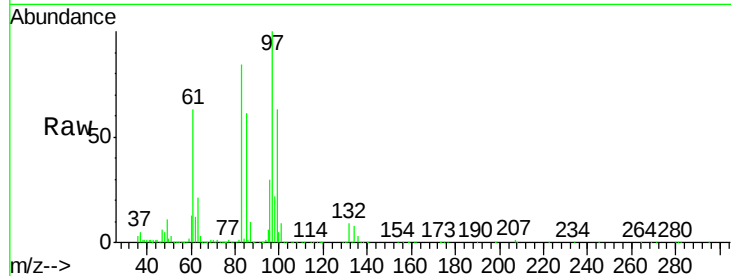
Ion Ratio Lower Upper

97 100

83 84.3 67.6 101.4

85 60.4 44.6 67.0

99 62.6 50.2 75.4

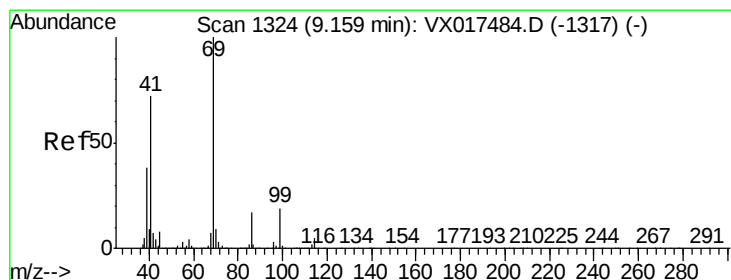
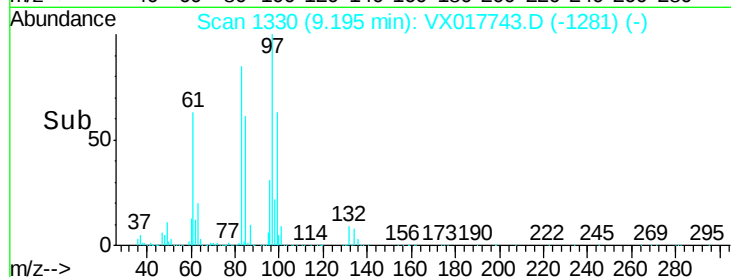
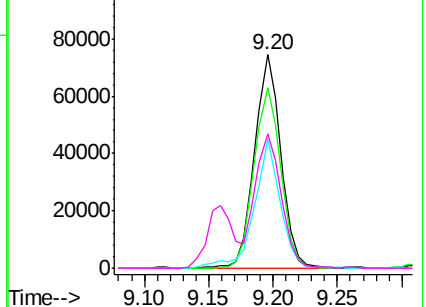


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.792 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

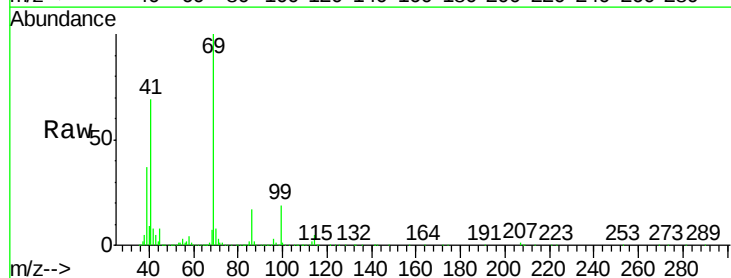
Tgt Ion: 69 Resp: 157656

Ion Ratio Lower Upper

69 100

41 68.8 55.0 82.6

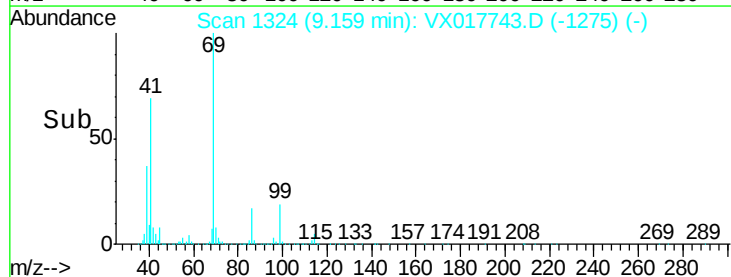
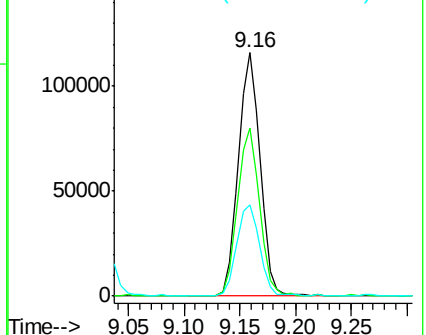
39 38.9 30.0 45.0

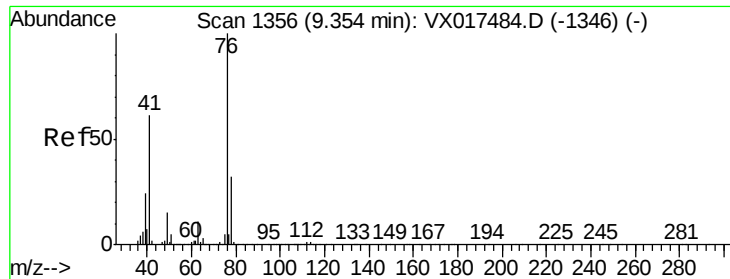


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.007 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

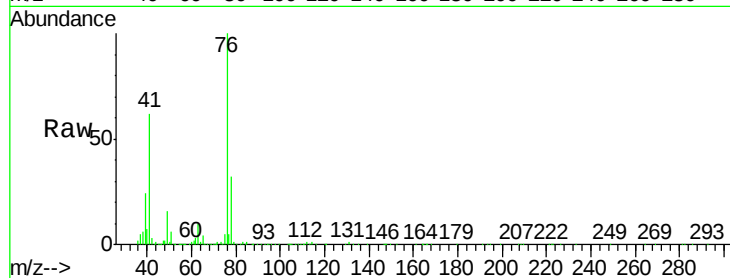
VX0803WBS01

Tot Ion: 76 Resp: 174386

Ion Ratio Lower Upper

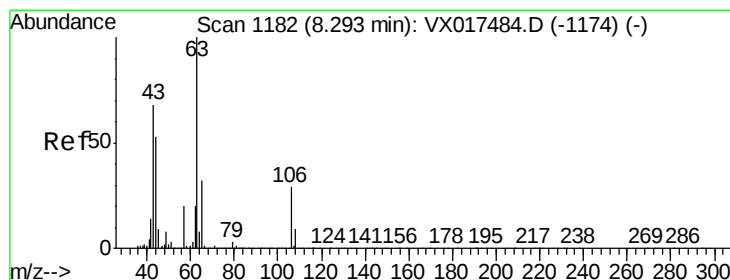
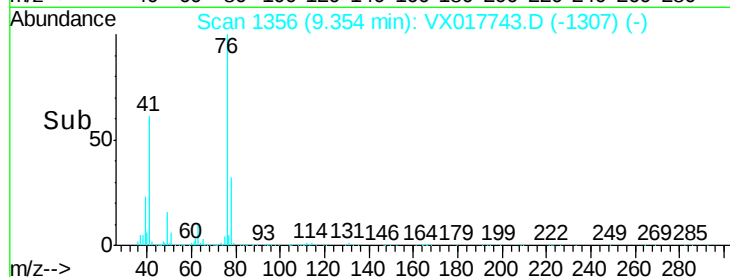
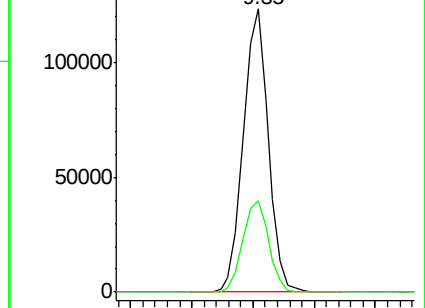
76 100

78 33.8 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: 85.454 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017743.D

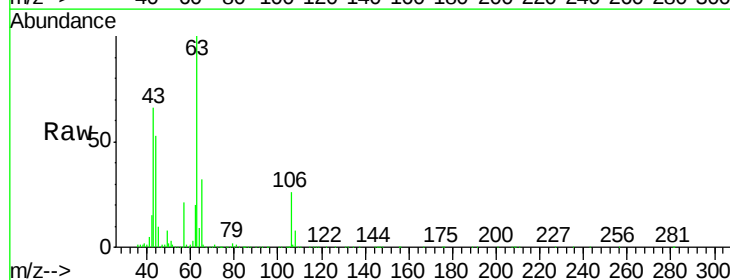
Acq: 03 Aug 2020 14:02

Tgt Ion: 63 Resp: 398927

Ion Ratio Lower Upper

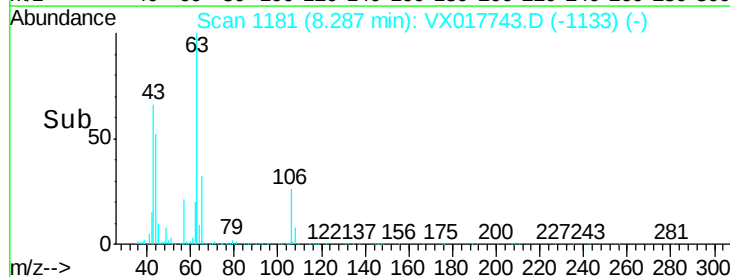
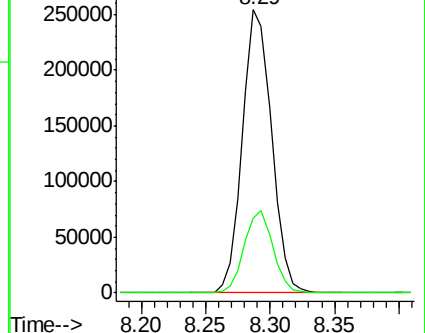
63 100

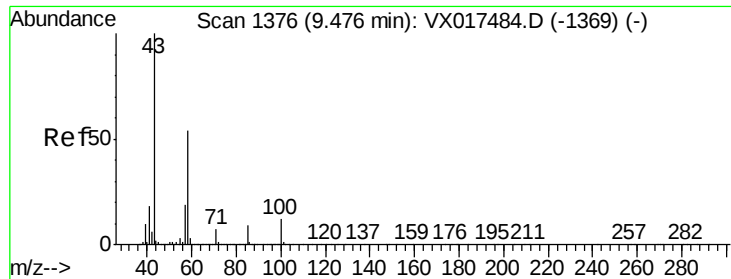
106 28.7 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

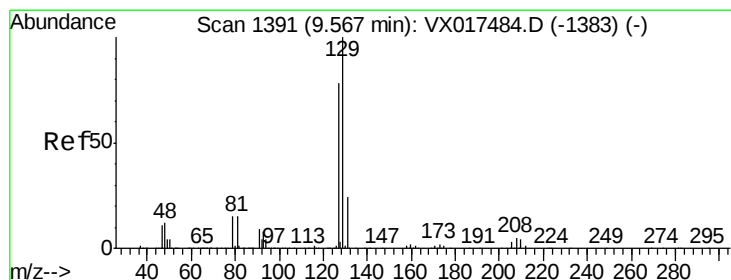
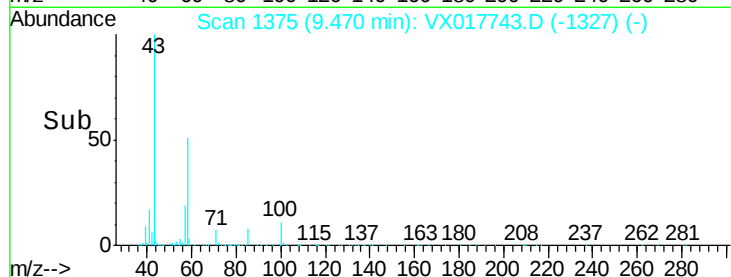
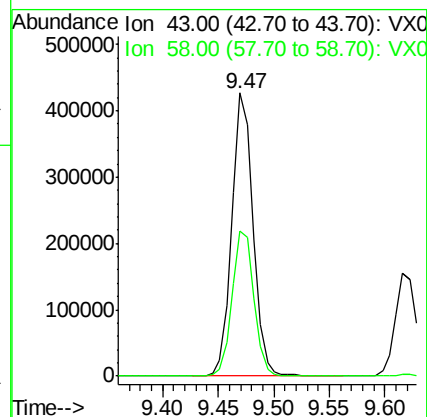
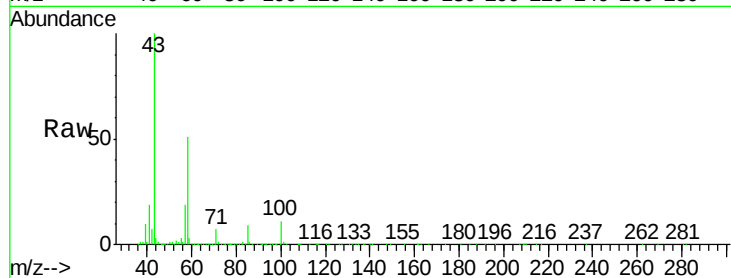




#59
2-Hexanone
Concen: 90.124 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

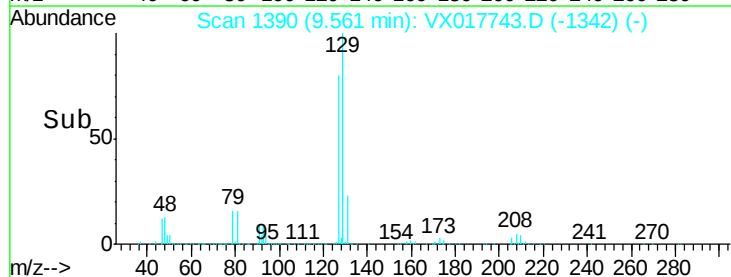
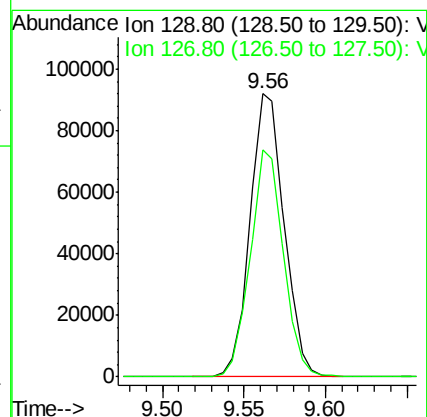
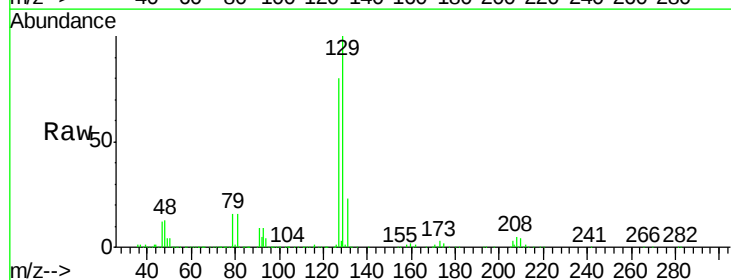
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

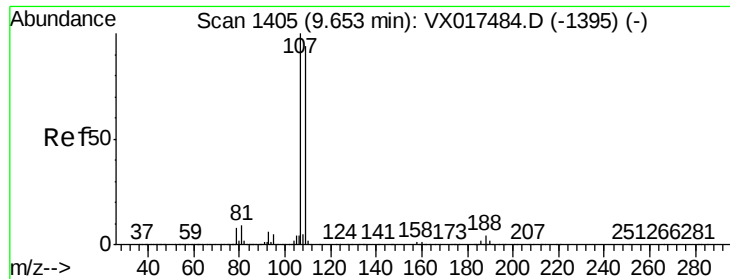
Tot Ion: 43 Resp: 561231
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.8



#60
Dibromochloromethane
Concen: 17.925 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 129 Resp: 133994
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

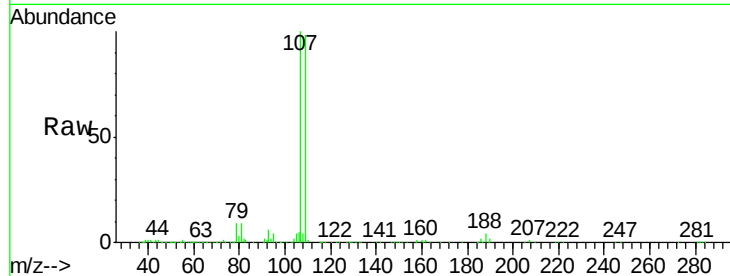
VX0803WBS01

Tot Ion:107 Resp: 116477

Ion Ratio Lower Upper

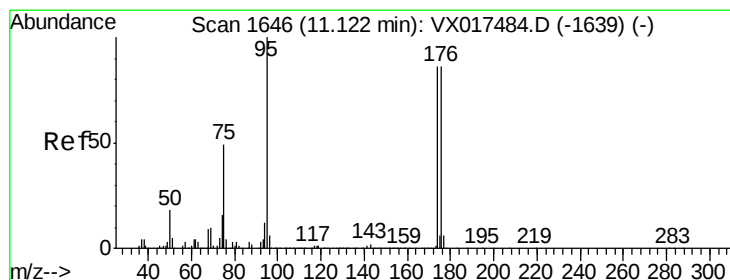
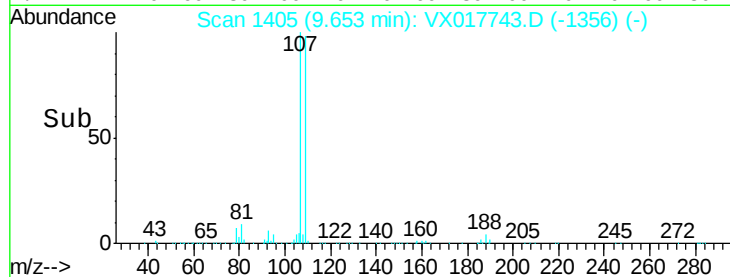
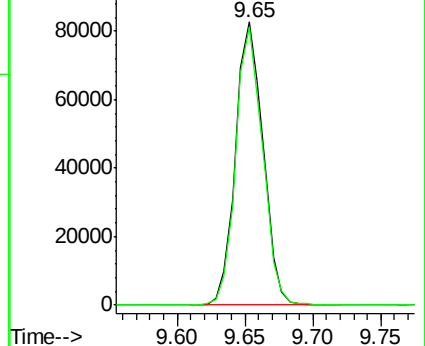
107 100

109 96.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.624 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

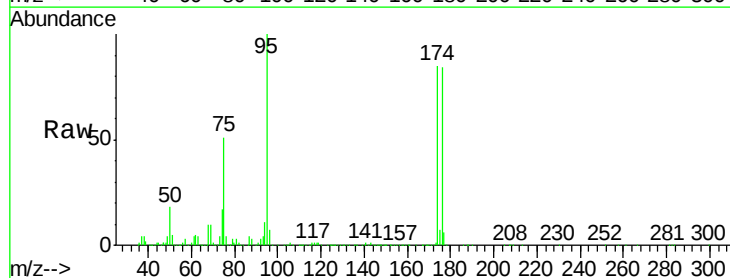
Tgt Ion: 95 Resp: 352707

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.0

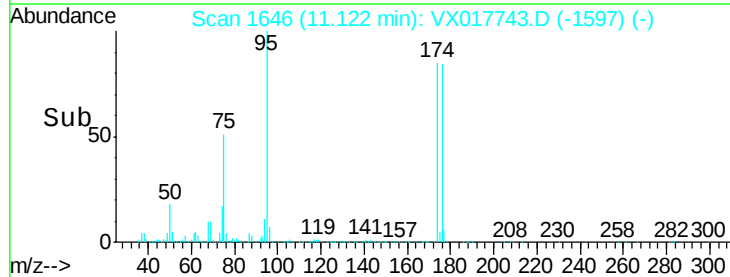
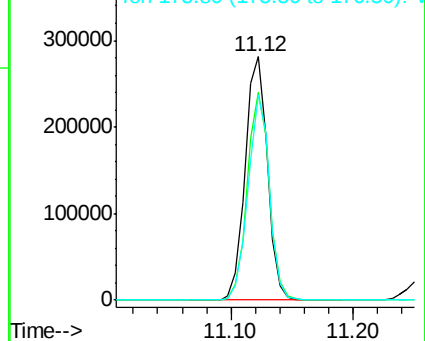
176 81.2 0.0 161.0



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

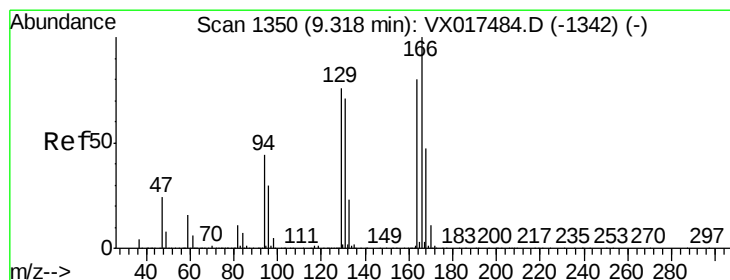
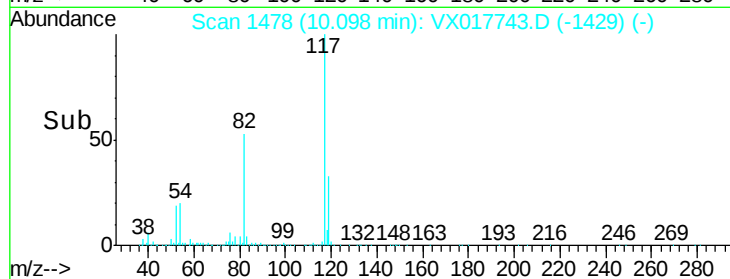
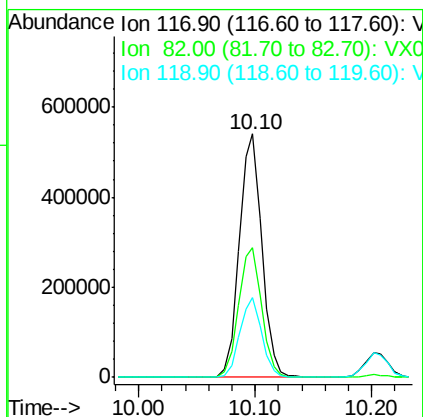
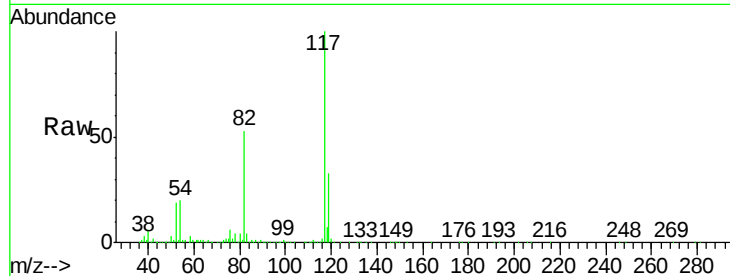




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

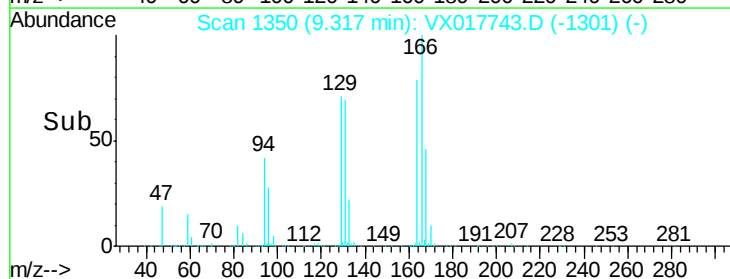
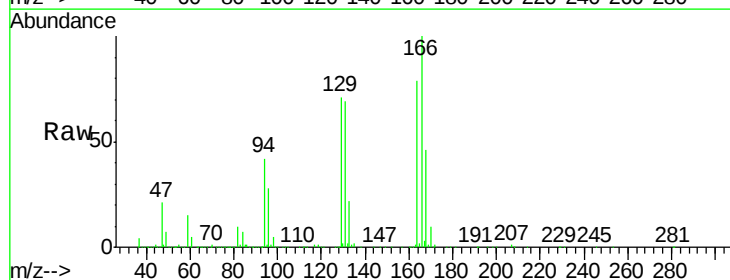
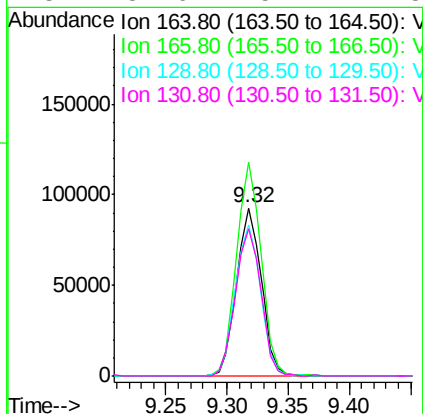
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.0	66.0
119	32.7	25.4	38.0



#64
Tetrachloroethene
Concen: 19.922 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.6	150.8
129	89.9	75.0	112.6
131	87.6	75.2	112.8

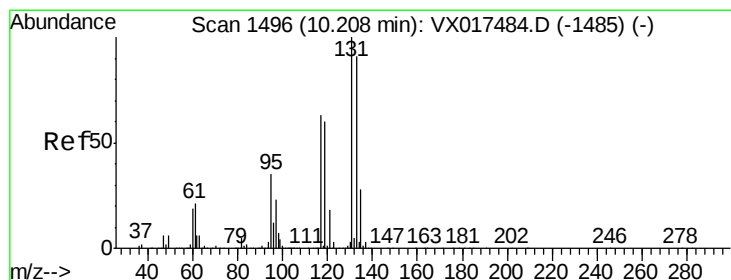
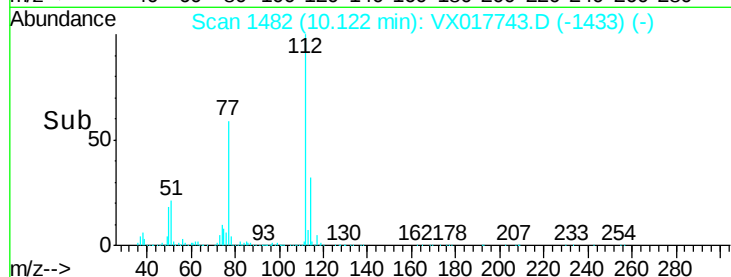
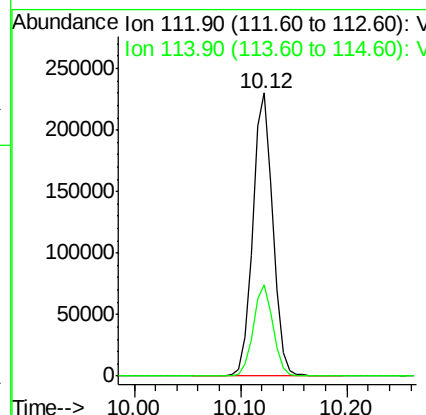
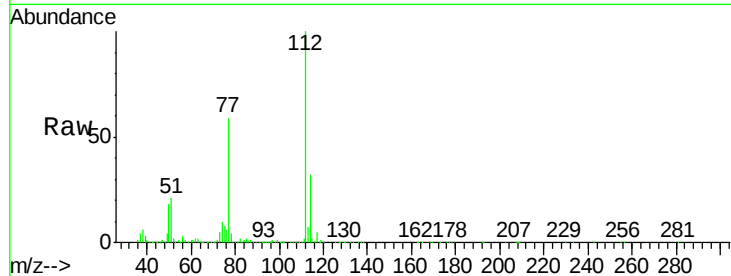




#65
Chlorobenzene
Concen: 19.239 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

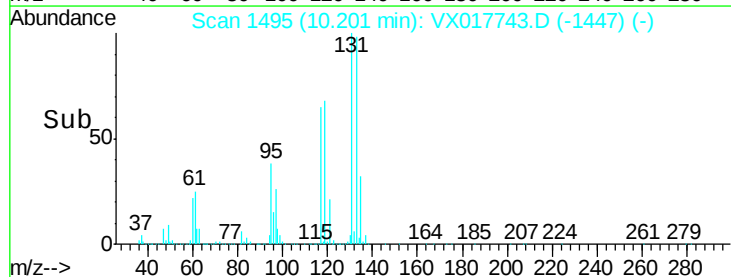
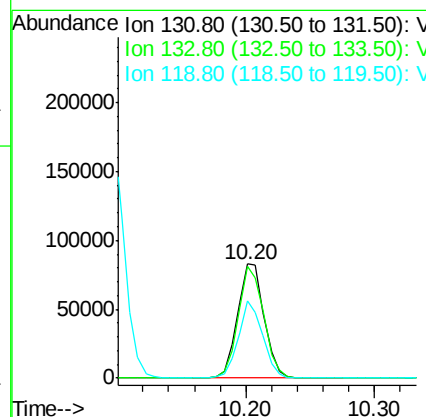
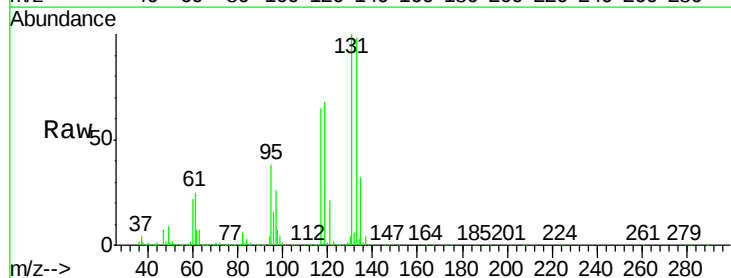
Instrument :
MSVOA_X
ClientSampled :
VX0803WBS01

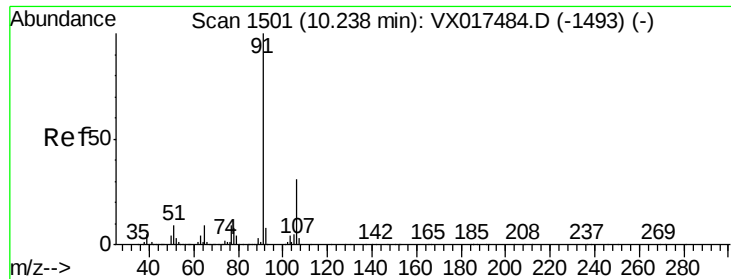
Tot Ion:112 Resp: 303217
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.747 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion:131 Resp: 119249
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 61.9 31.1 93.3





#67

Ethyl Benzene

Concen: 18.496 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

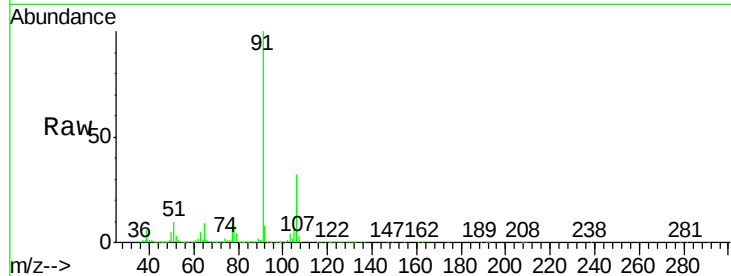
VX0803WBS01

Tot Ion: 91 Resp: 486605

Ion Ratio Lower Upper

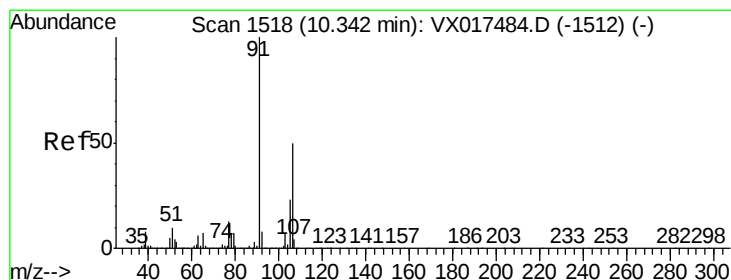
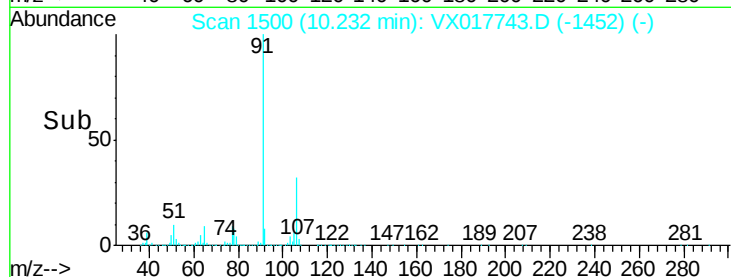
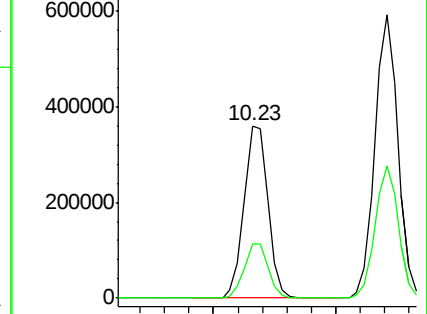
91 100

106 31.5 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.885 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017743.D

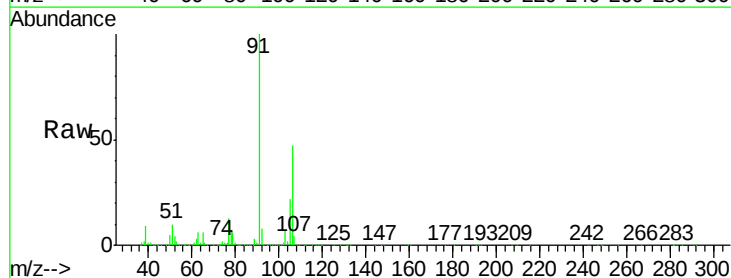
Acq: 03 Aug 2020 14:02

Tgt Ion:106 Resp: 365738

Ion Ratio Lower Upper

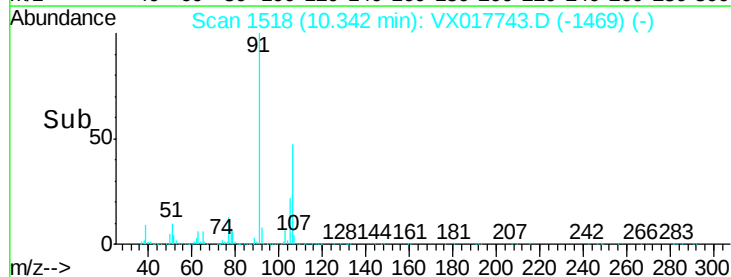
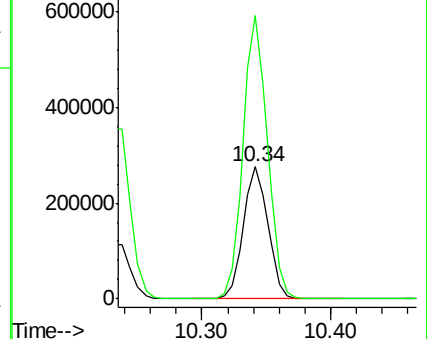
106 100

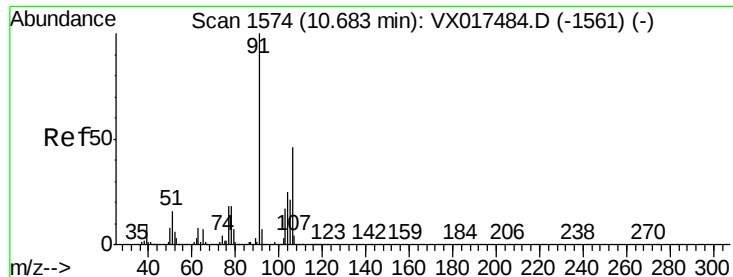
91 210.9 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

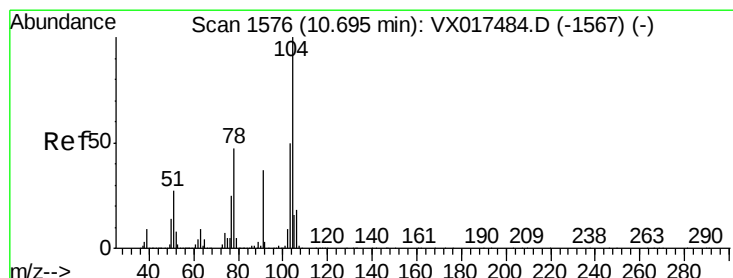
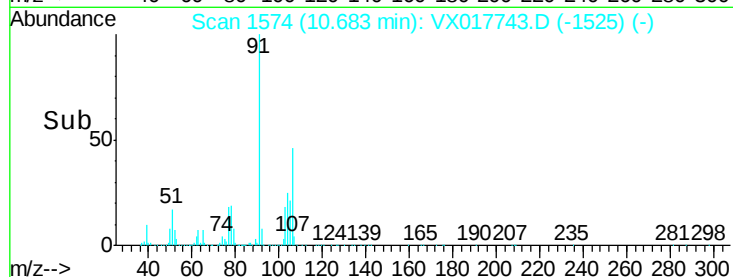
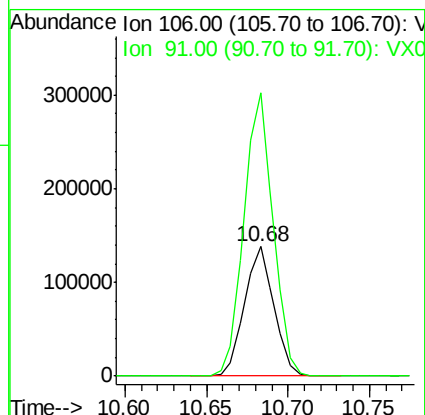
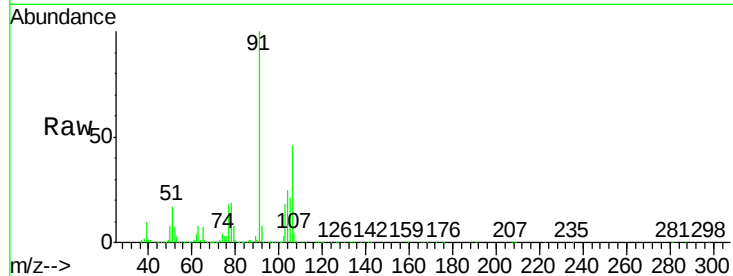




#69
o-Xylene
Concen: 17.775 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

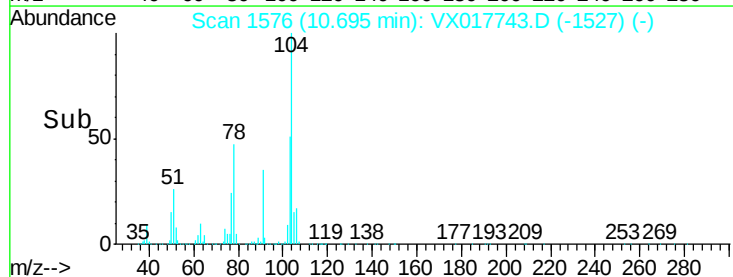
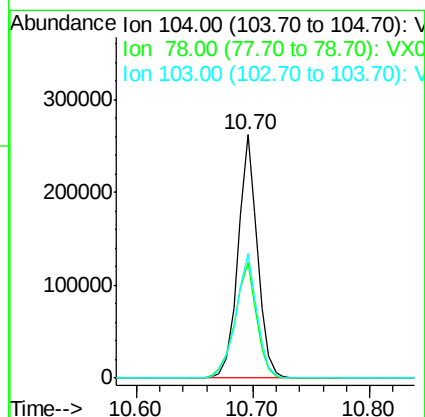
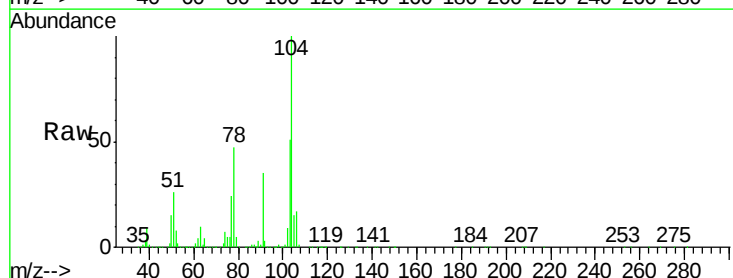
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

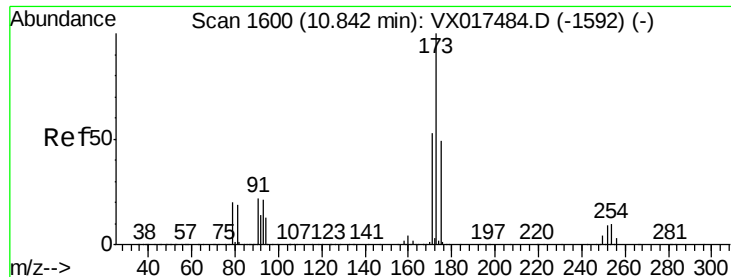
Tot Ion:106 Resp: 174241
Ion Ratio Lower Upper
106 100
91 217.4 108.2 324.6



#70
Styrene
Concen: 18.215 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion:104 Resp: 303785
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.6 44.3 66.5





#71

Bromoform

Concen: 18.612 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

VX0803WBS01

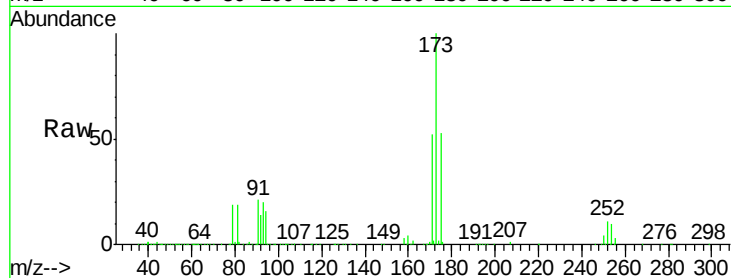
Tot Ion:173 Resp: 102571

Ion Ratio Lower Upper

173 100

175 51.4 23.8 71.5

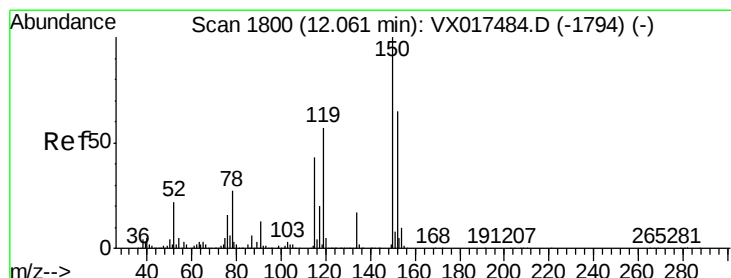
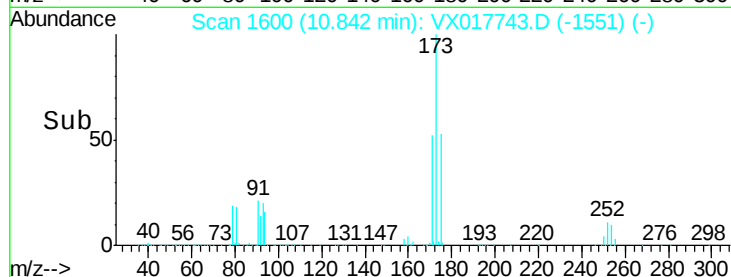
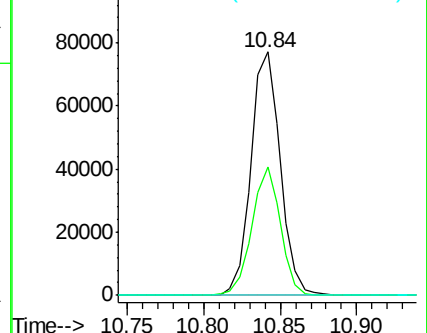
254 0.1 0.1 0.1



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: VX017743.D

Acq: 03 Aug 2020 14:02

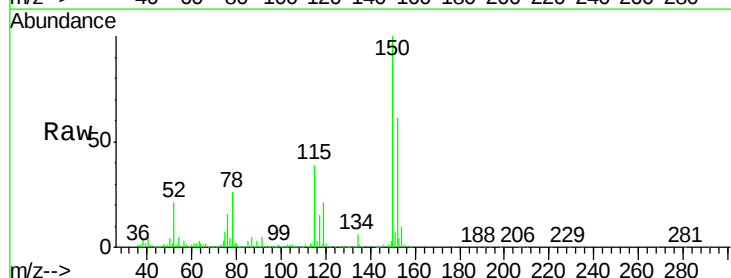
Tgt Ion:152 Resp: 412609

Ion Ratio Lower Upper

152 100

115 66.4 65.5 196.6

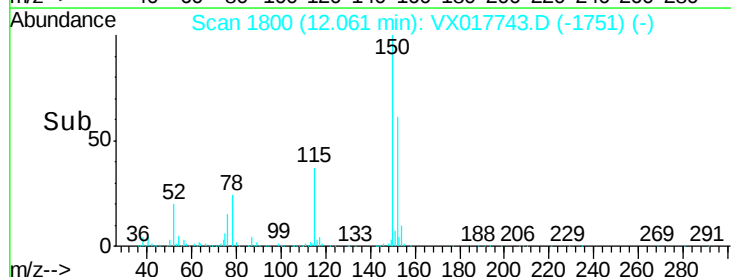
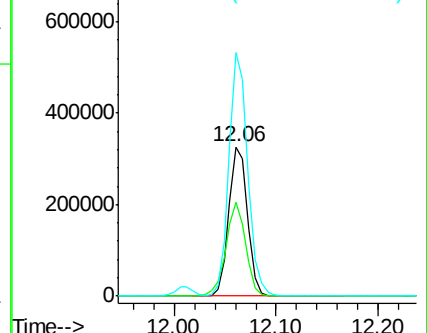
150 164.3 0.0 412.6

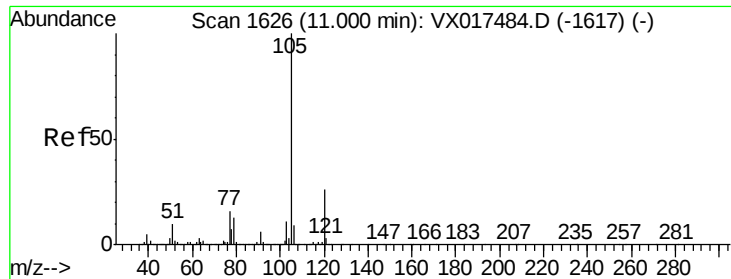


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.392 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

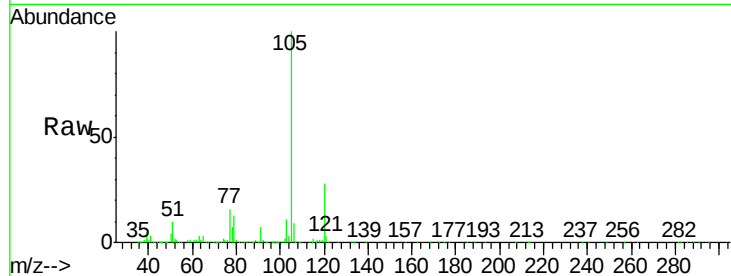
VX0803WBS01

Tot Ion:105 Resp: 492294

Ion Ratio Lower Upper

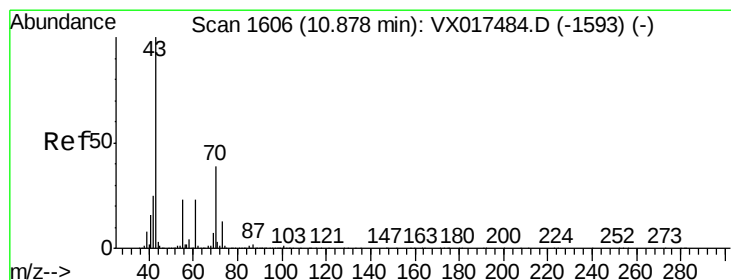
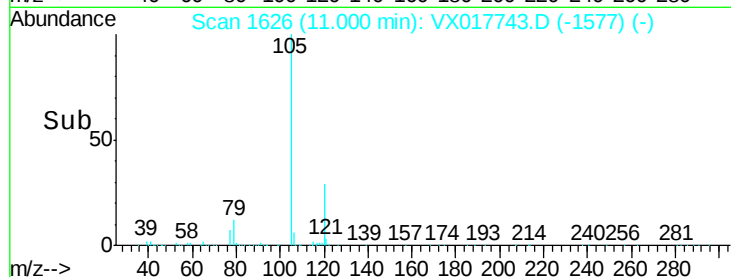
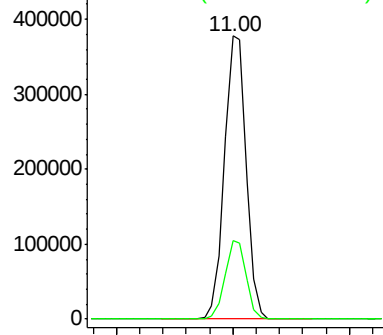
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.122 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Tgt Ion: 43 Resp: 202753

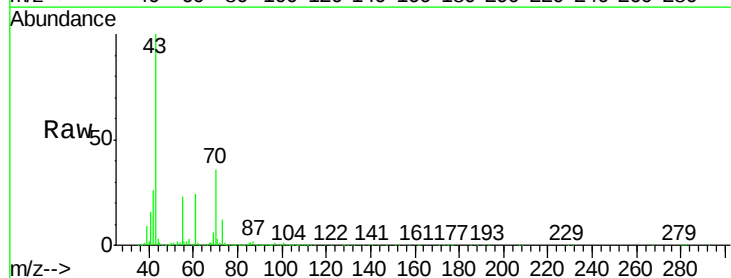
Ion Ratio Lower Upper

43 100

70 40.0 32.3 48.5

55 24.0 18.4 27.6

61 23.9 18.6 28.0

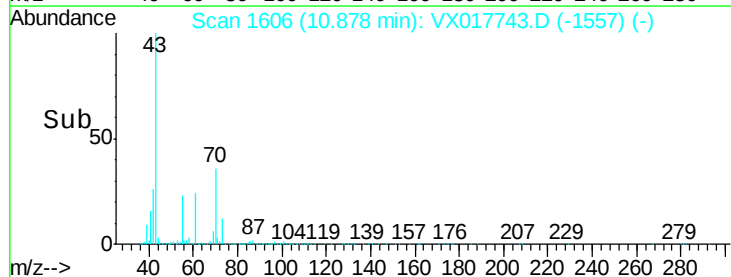
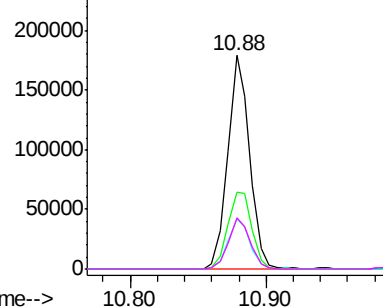


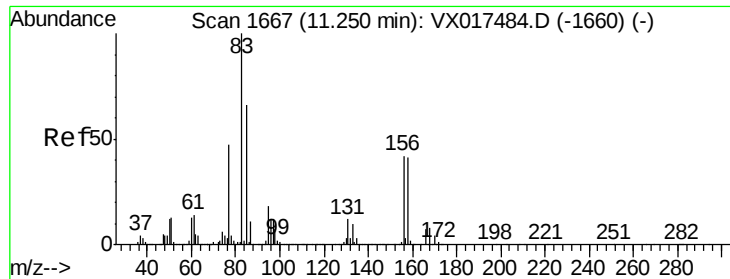
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.764 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

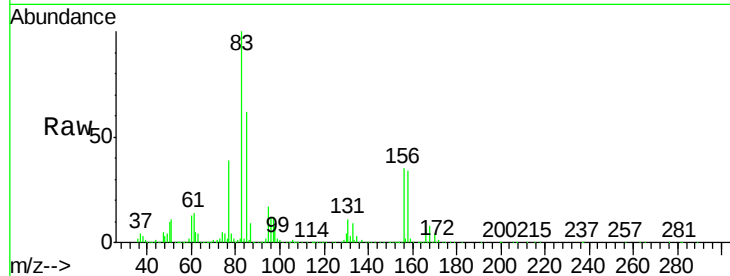
Tot Ion: 83 Resp: 165786

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

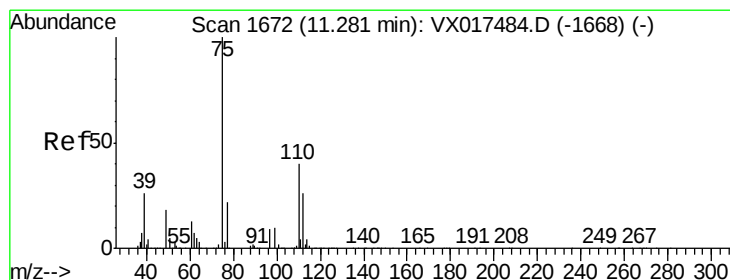
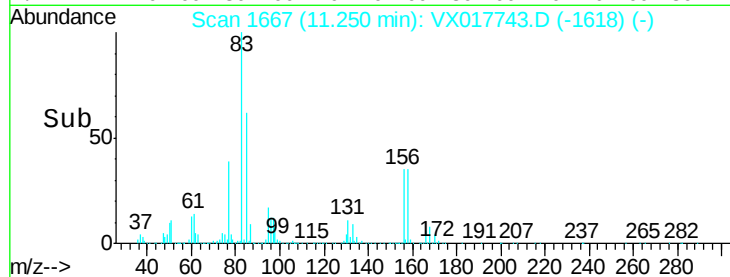
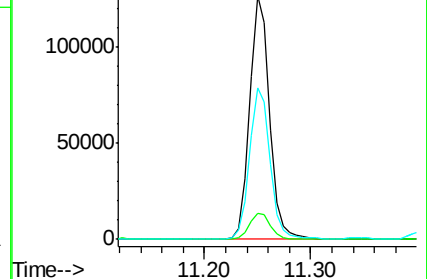
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.540 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017743.D

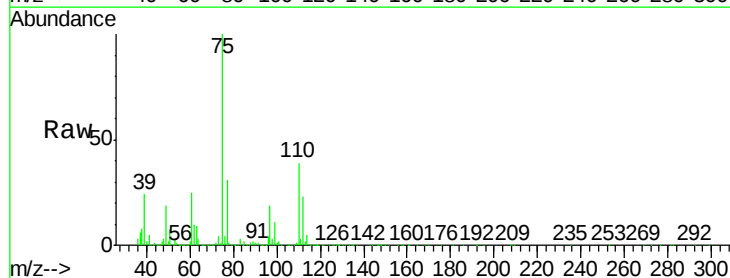
Acq: 03 Aug 2020 14:02

Tgt Ion: 75 Resp: 208287

Ion Ratio Lower Upper

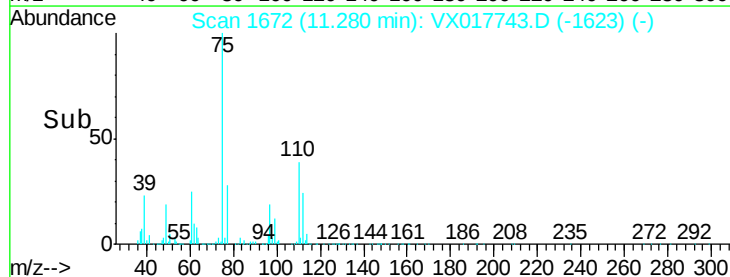
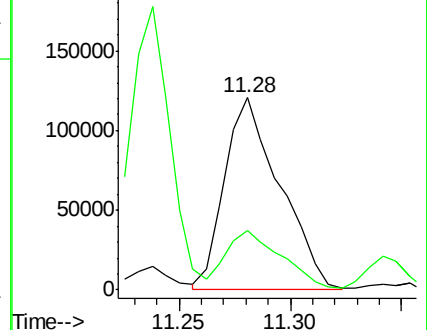
75 100

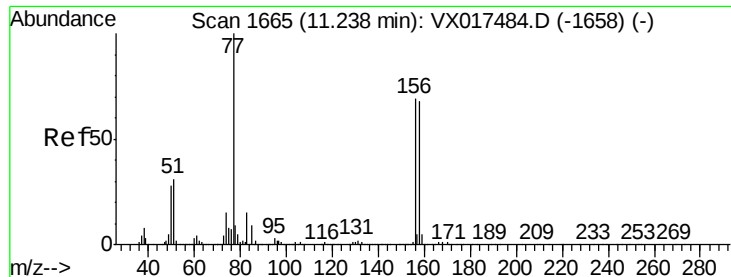
77 31.1 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

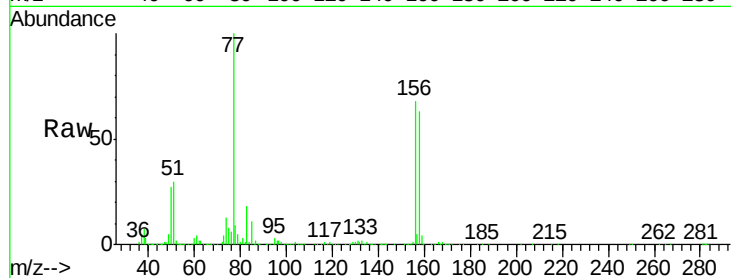
Tot Ion:156 Resp: 149745

Ion Ratio Lower Upper

156 100

77 149.3 75.0 225.0

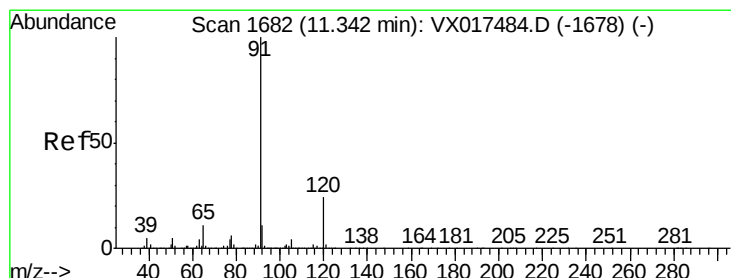
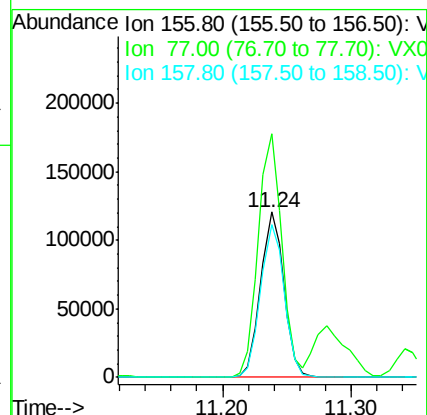
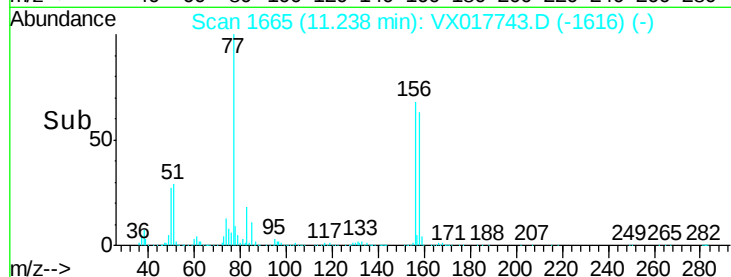
158 94.1 49.1 147.3



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: 19.274 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017743.D

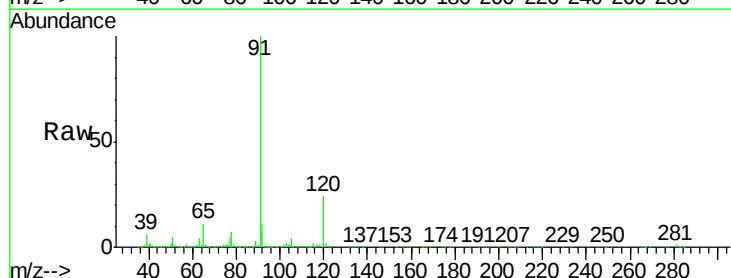
Acq: 03 Aug 2020 14:02

Tgt Ion: 91 Resp: 615302

Ion Ratio Lower Upper

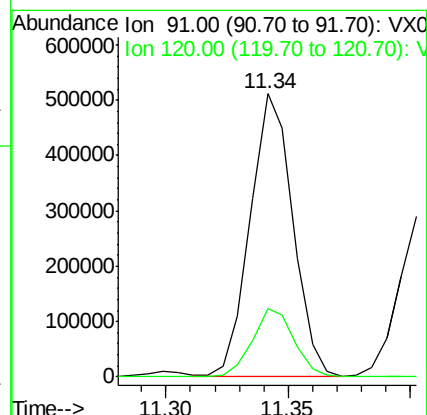
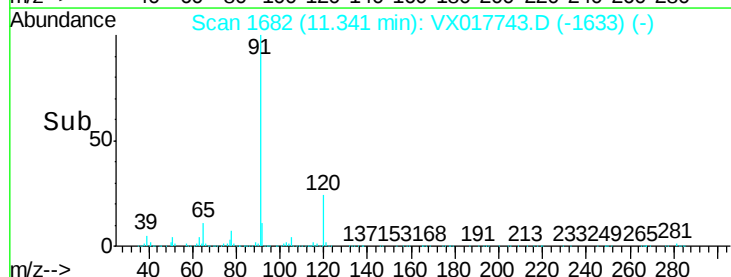
91 100

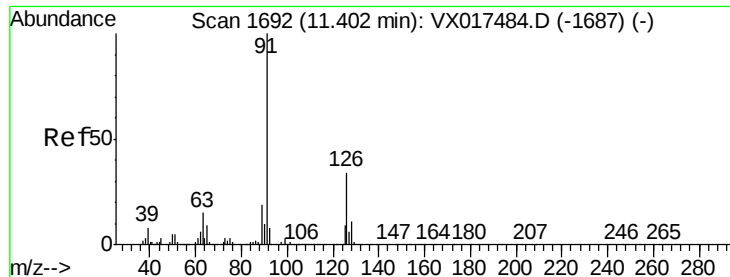
120 23.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

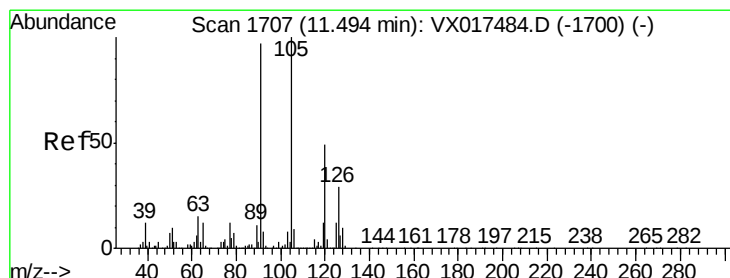
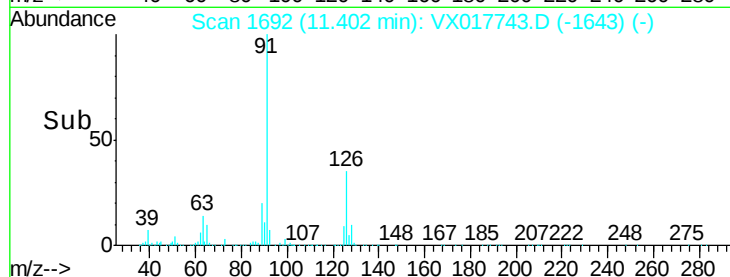
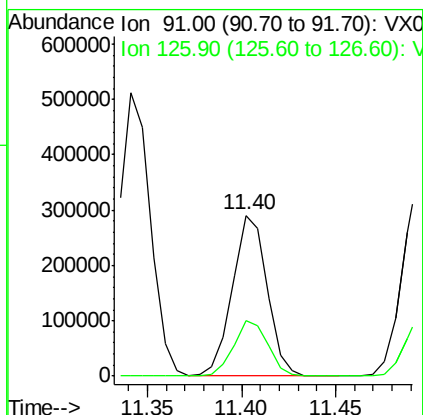
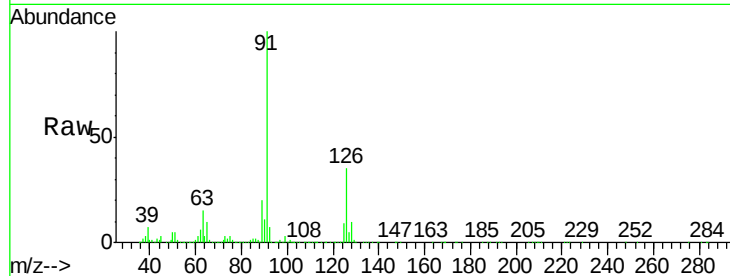




#79
 2-Chlorotoluene
 Concen: 18.695 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

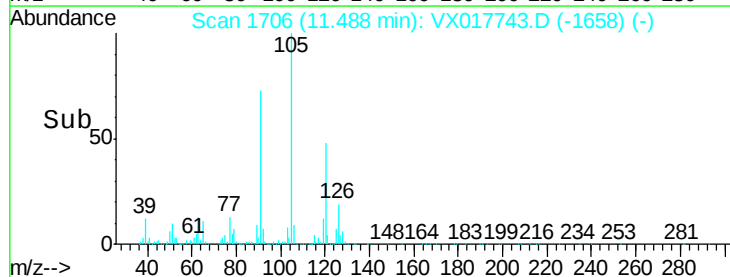
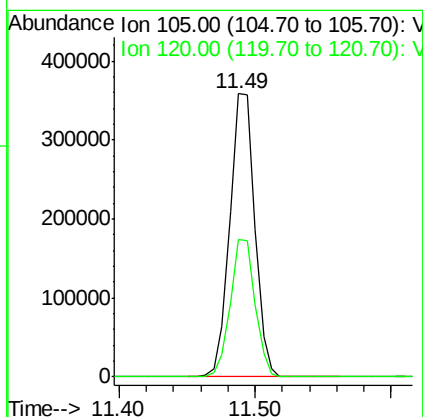
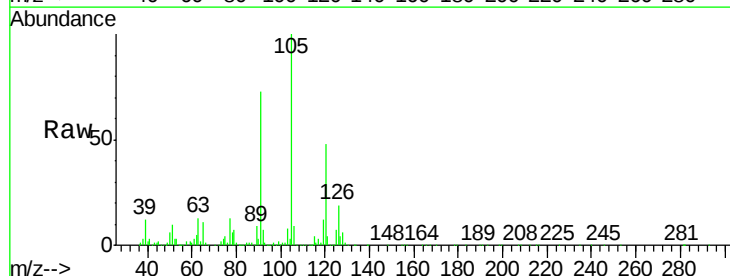
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

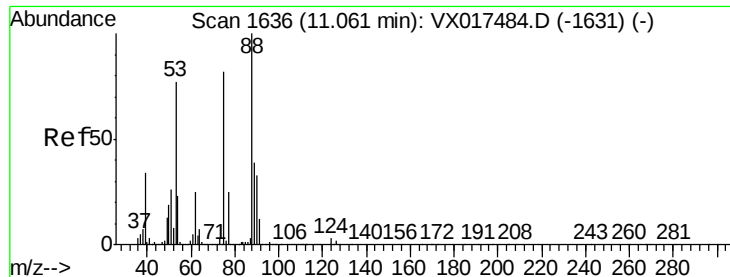
Tot Ion: 91 Resp: 369716
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.967 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion: 105 Resp: 458387
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.810 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

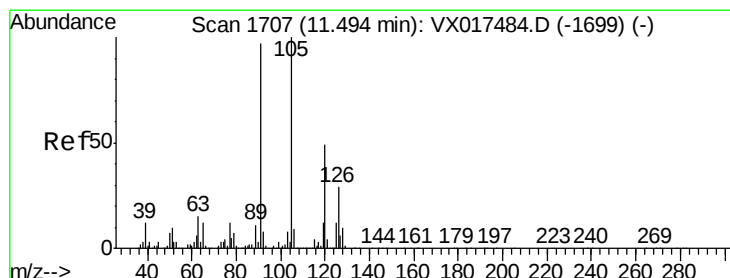
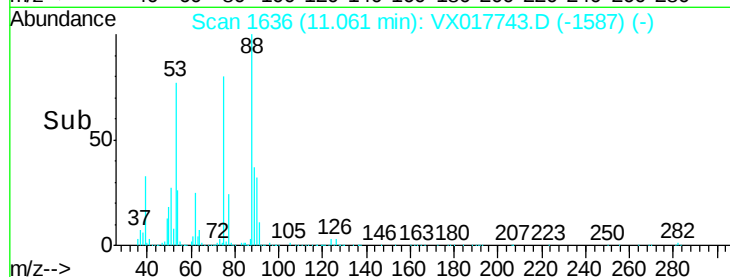
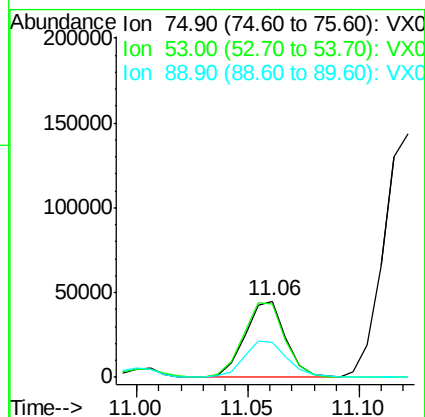
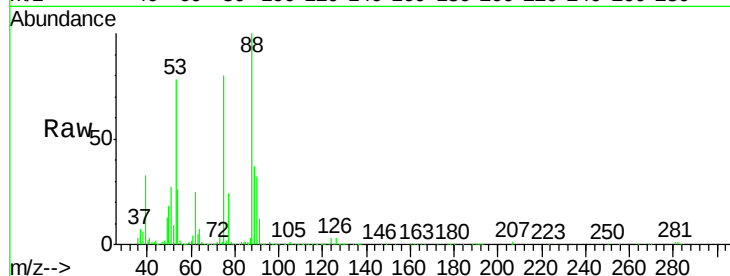
Tot Ion: 75 Resp: 56621

Ion Ratio Lower Upper

75 100

53 101.4 75.9 113.9

89 51.8 37.8 56.6



#82

4-Chlorotoluene

Concen: 18.710 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017743.D

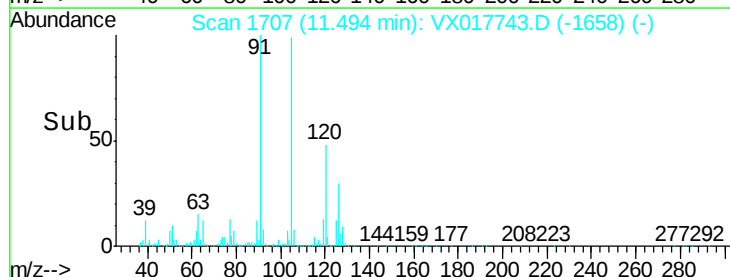
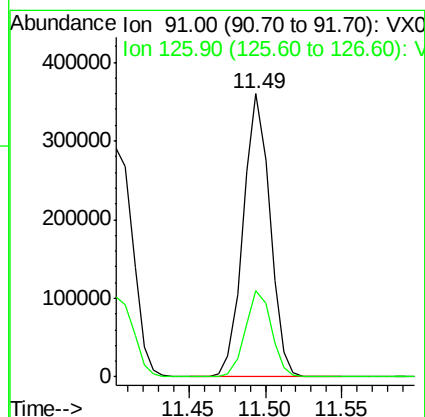
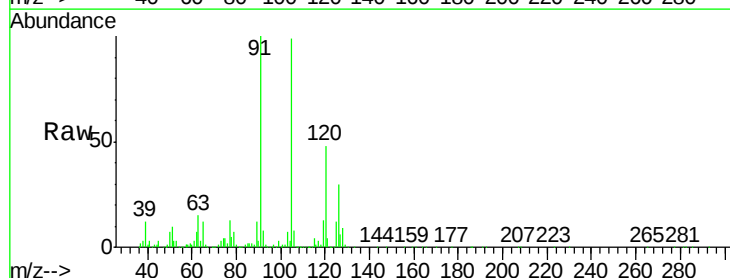
Acq: 03 Aug 2020 14:02

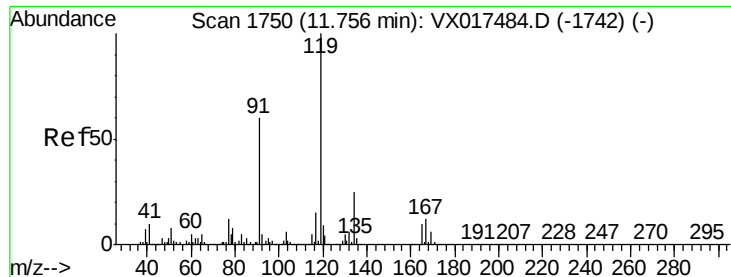
Tgt Ion: 91 Resp: 436453

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.6





#83

tert-Butylbenzene

Concen: 18.381 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

VX0803WBS01

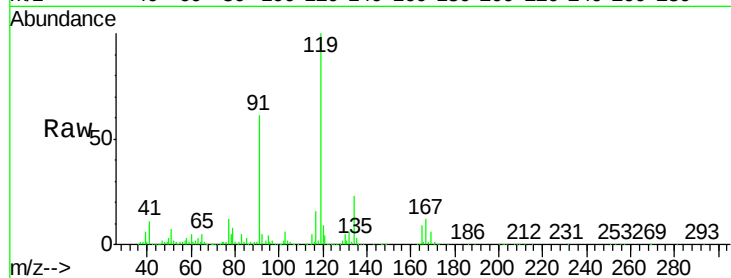
Tot Ion:119 Resp: 425064

Ion Ratio Lower Upper

119 100

91 59.5 29.3 88.0

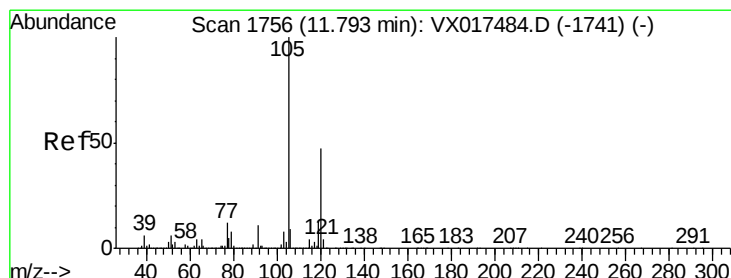
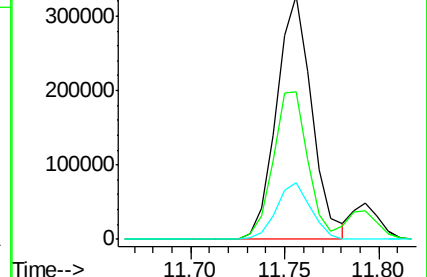
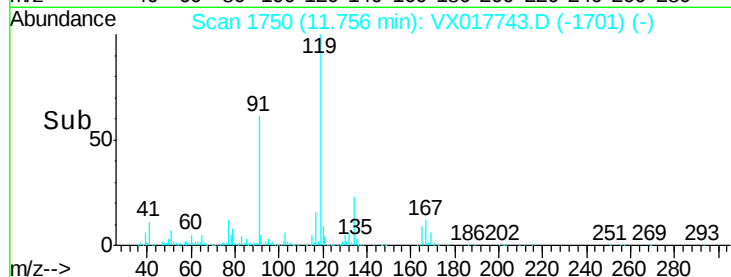
134 22.7 11.2 33.6



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: 19.140 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017743.D

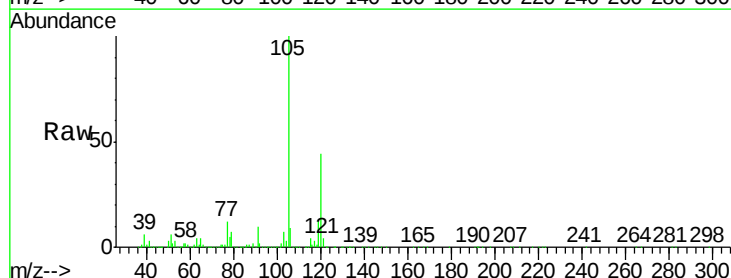
Acq: 03 Aug 2020 14:02

Tgt Ion:105 Resp: 460092

Ion Ratio Lower Upper

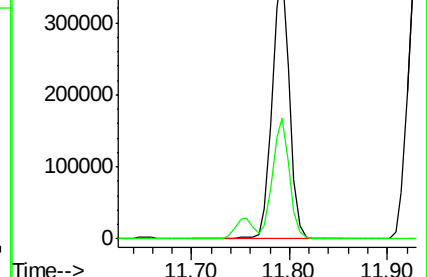
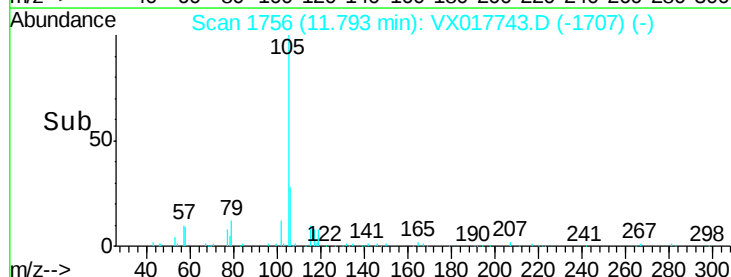
105 100

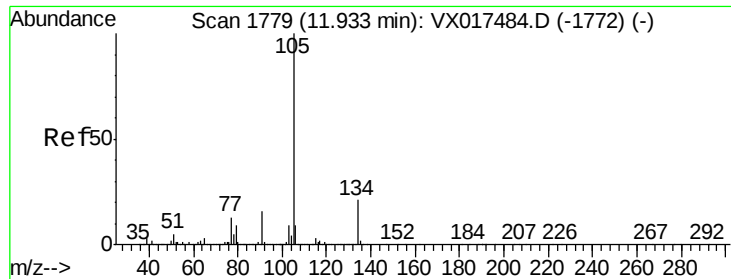
120 43.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

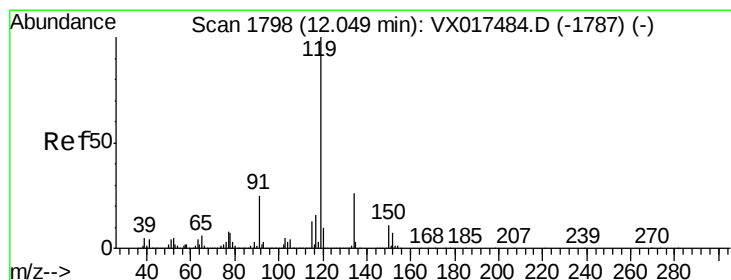
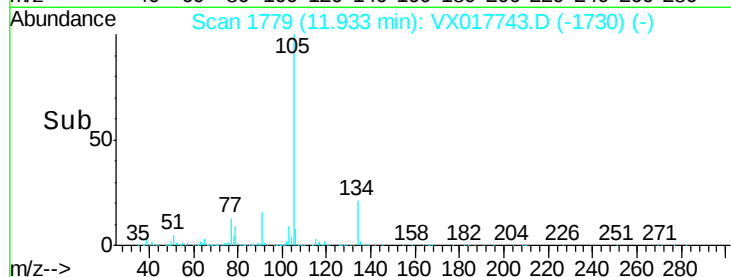
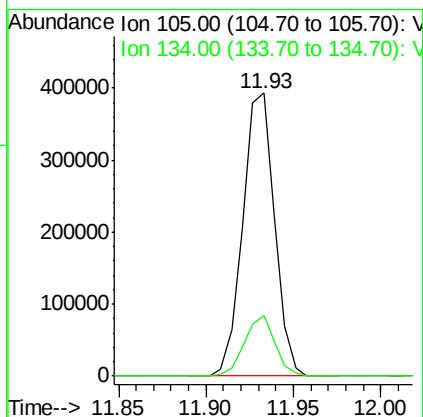
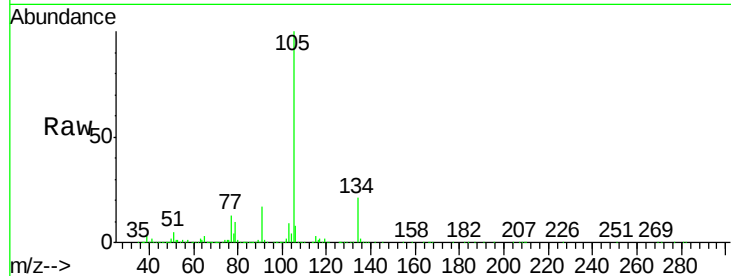




#85
 sec-Butylbenzene
 Concen: 18.401 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

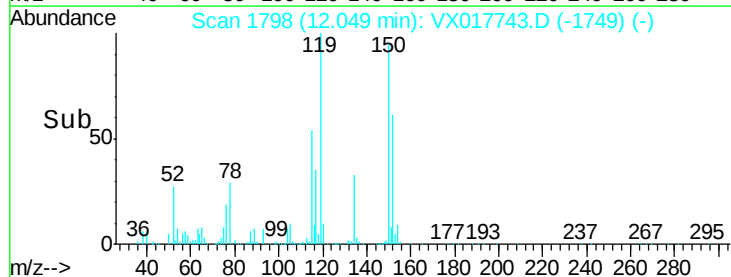
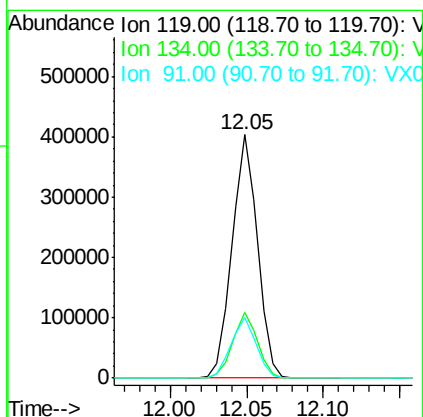
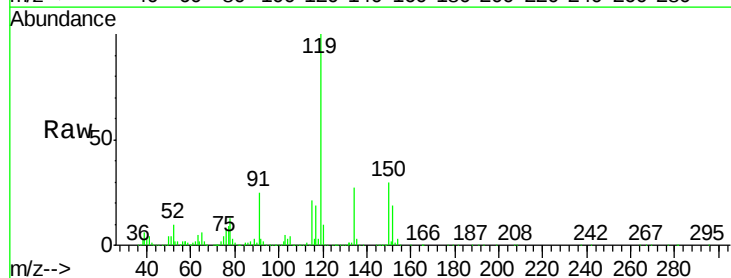
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

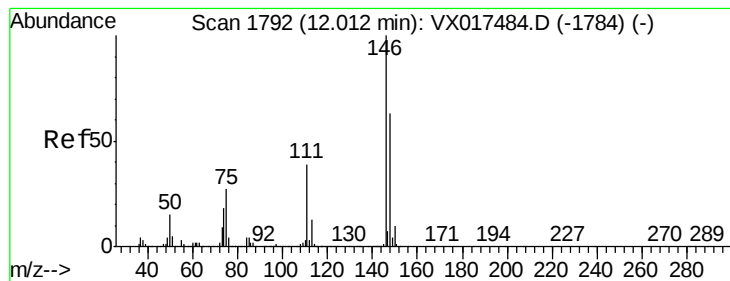
Tot Ion:105 Resp: 495693
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.074 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion:119 Resp: 463659
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.324 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

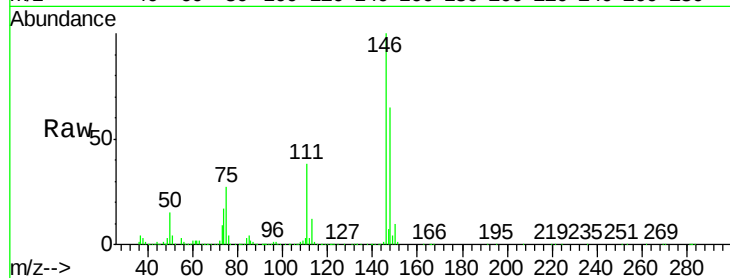
Tot Ion:146 Resp: 249346

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

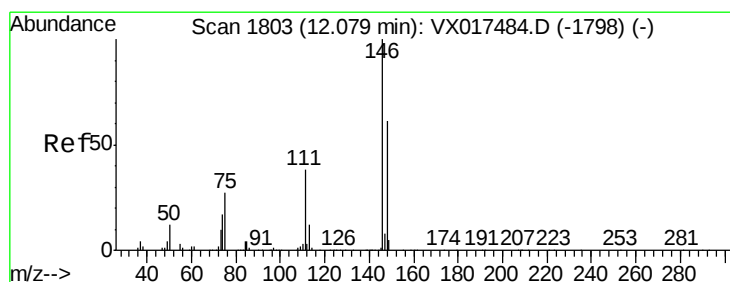
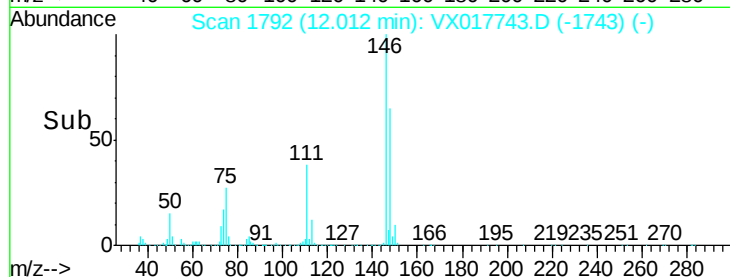
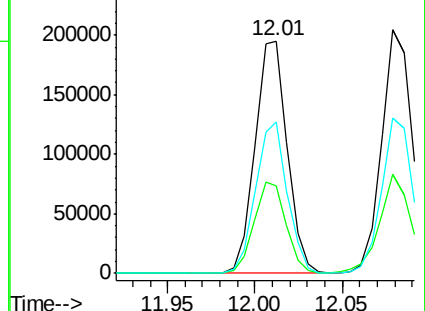
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.583 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

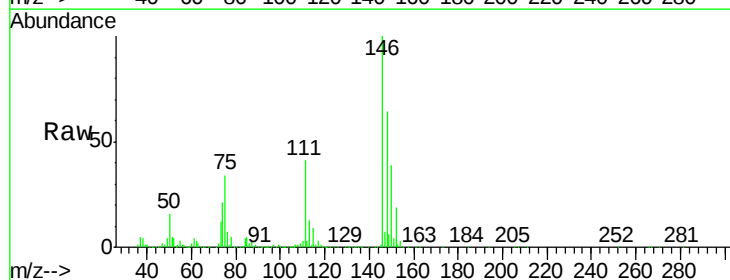
Tgt Ion:146 Resp: 247832

Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.8

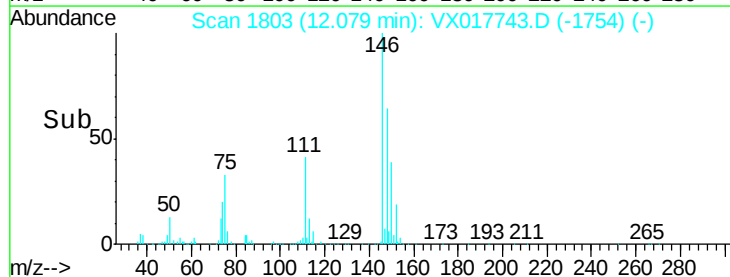
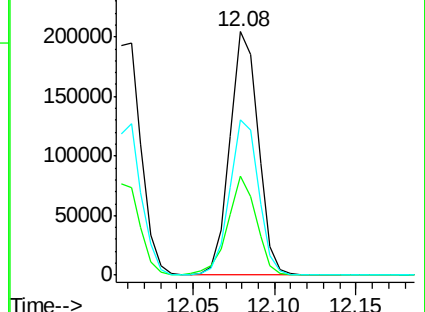
148 64.7 32.2 96.6

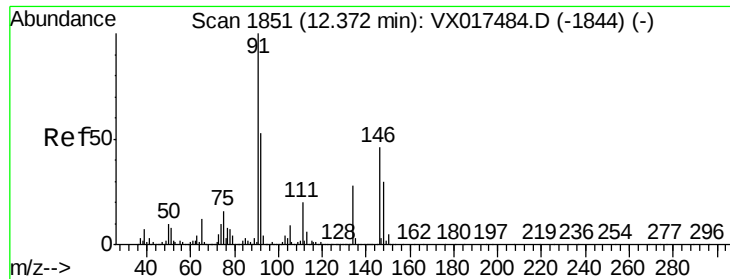


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

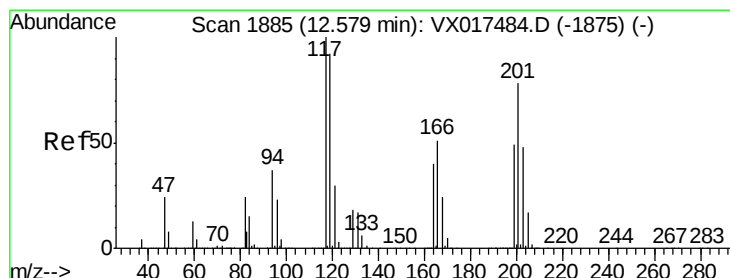
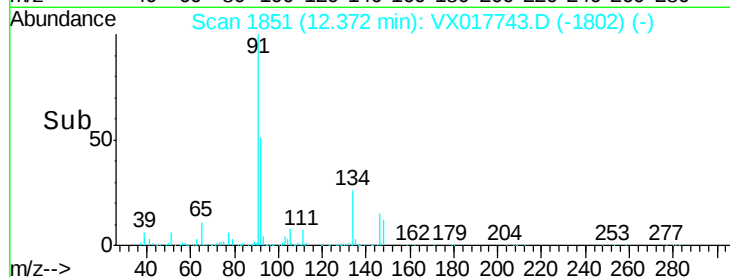
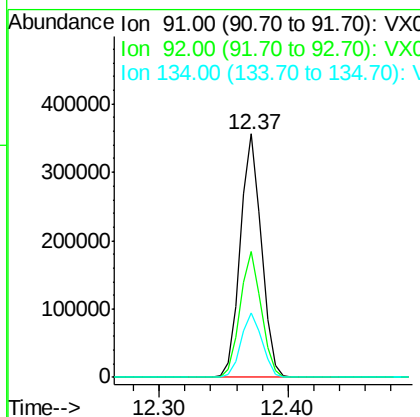
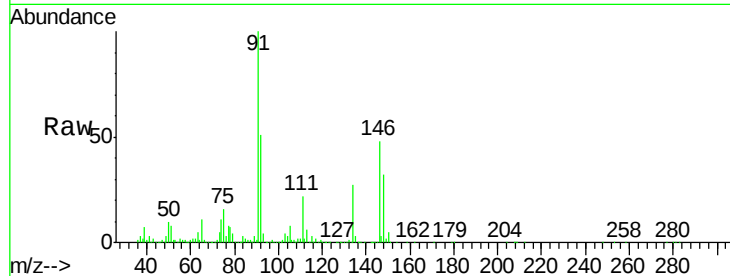




#89
n-Butylbenzene
Concen: 17.630 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

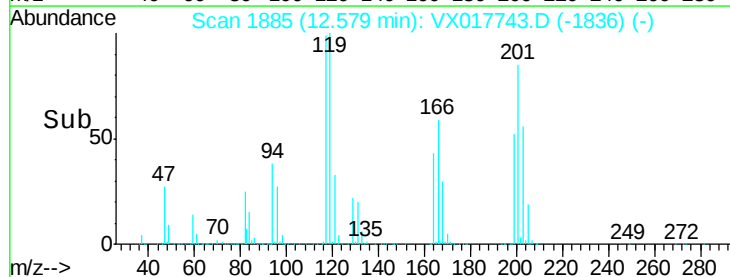
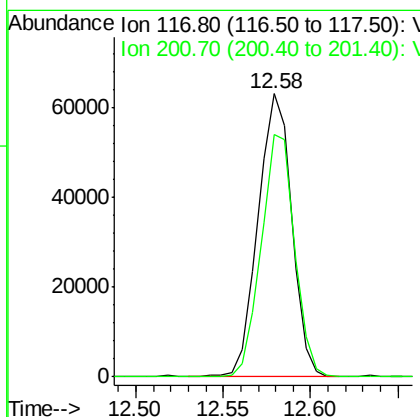
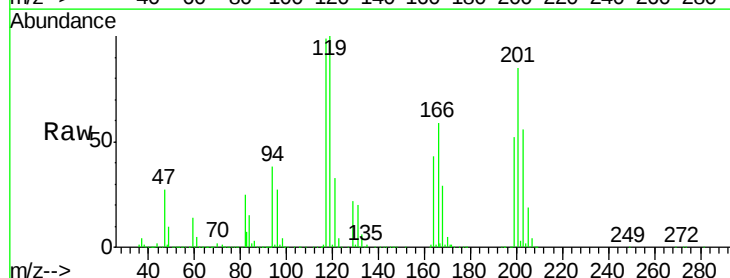
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

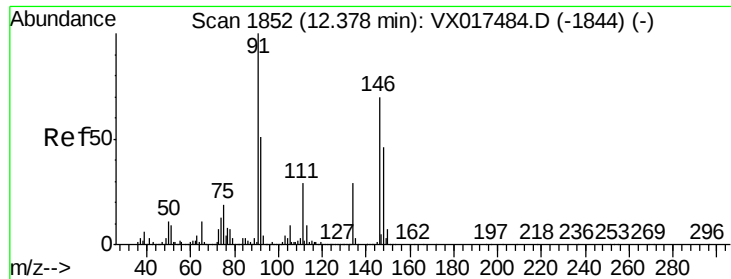
Tot Ion: 91 Resp: 403003
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.1
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 16.720 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion: 117 Resp: 84567
Ion Ratio Lower Upper
117 100
201 84.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.747 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBS01

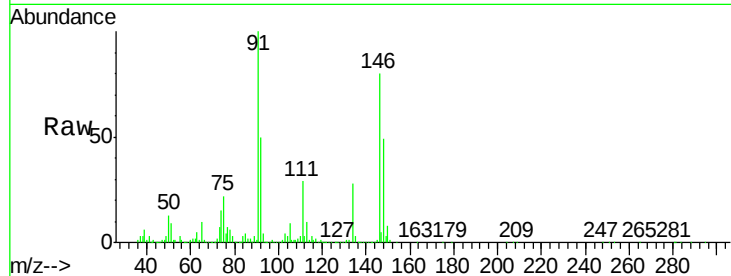
Tot Ion:146 Resp: 237352

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.8

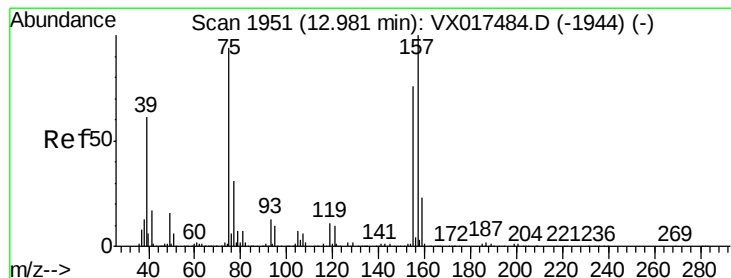
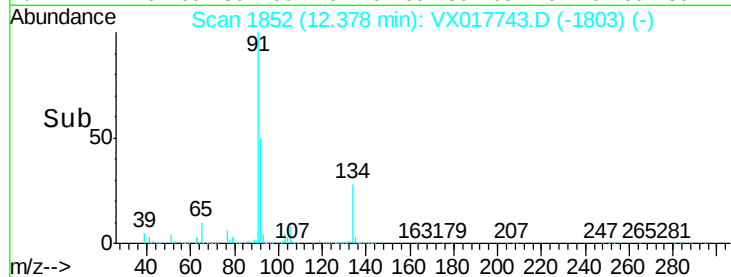
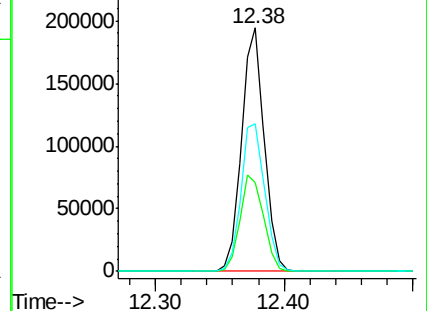
148 63.6 32.8 98.4



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: 16.401 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

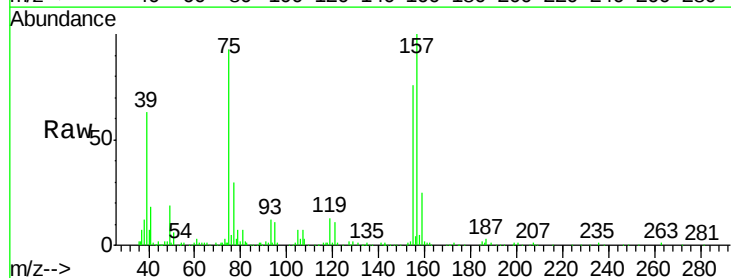
Tgt Ion: 75 Resp: 36419

Ion Ratio Lower Upper

75 100

155 85.0 42.3 126.8

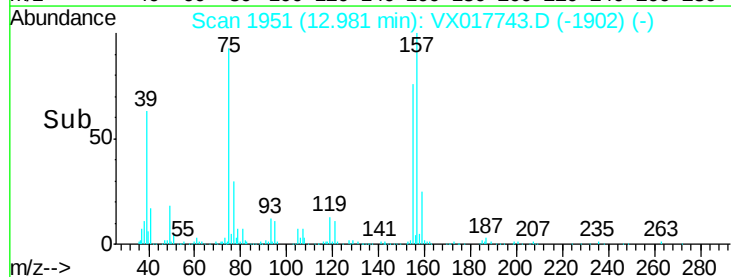
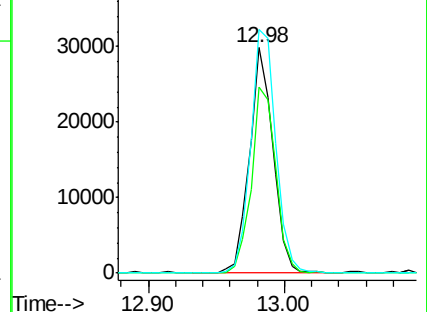
157 114.9 54.3 162.9

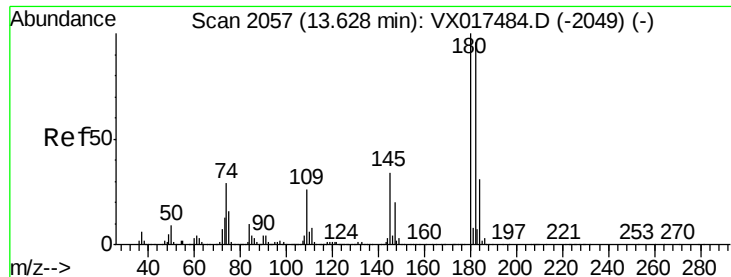


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

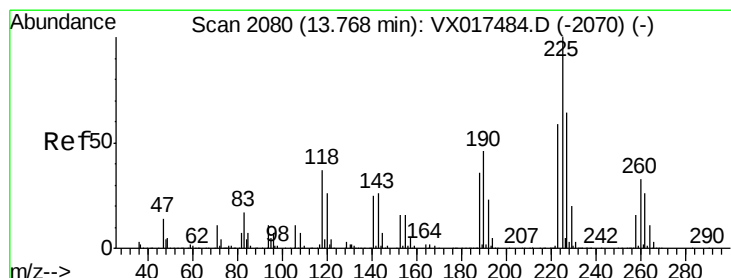
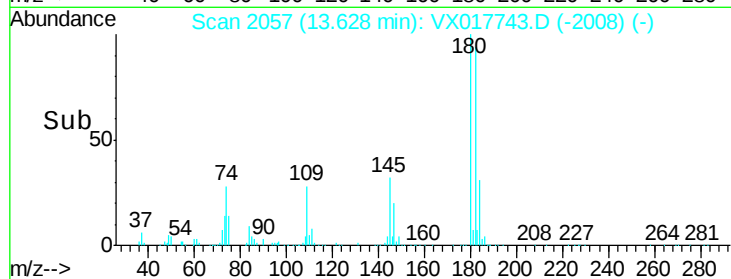
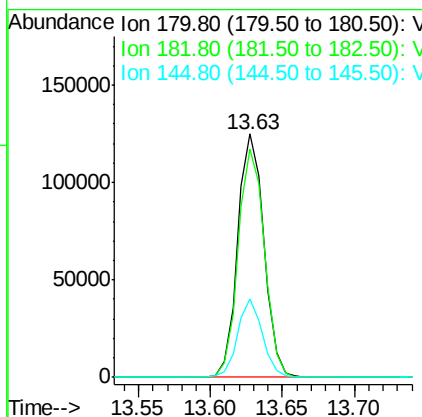
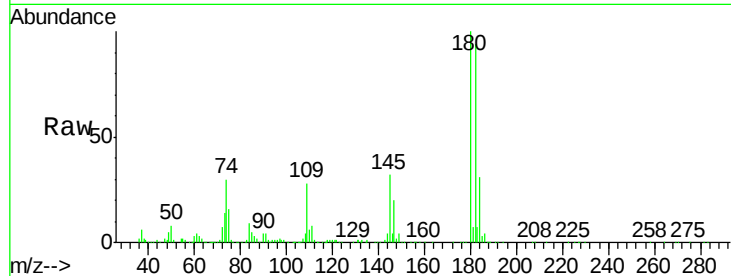




#93
 1,2,4-Trichlorobenzene
 Concen: 17.308 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

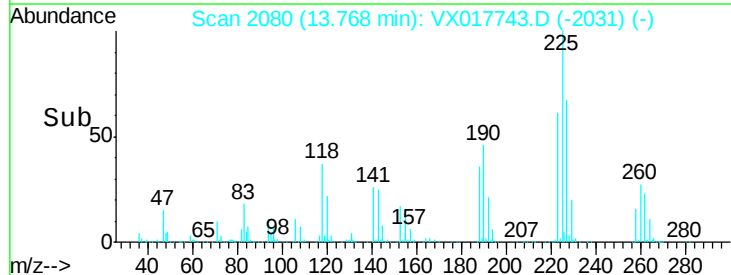
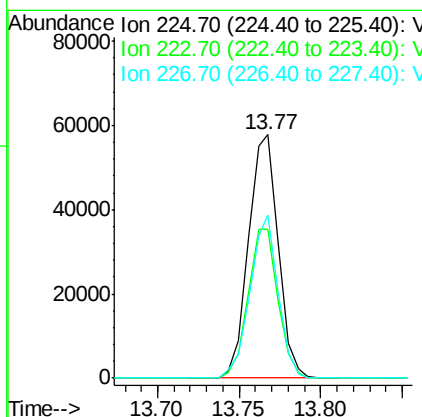
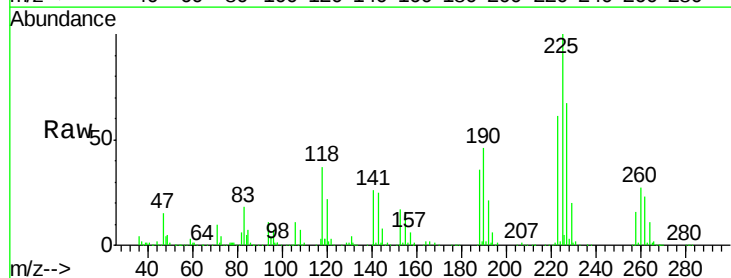
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

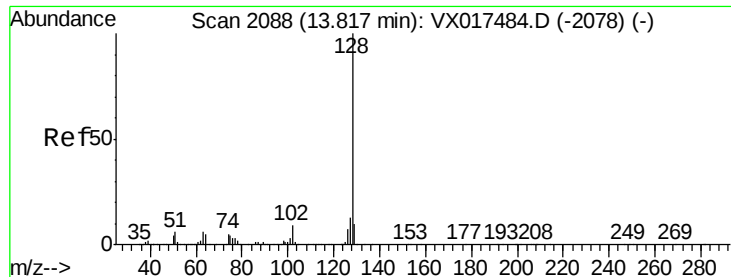
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	30.7	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 17.500 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017743.D
 Acq: 03 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.3	90.9
227	63.1	31.1	93.2

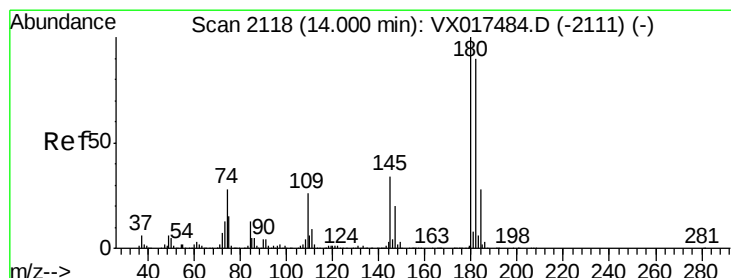
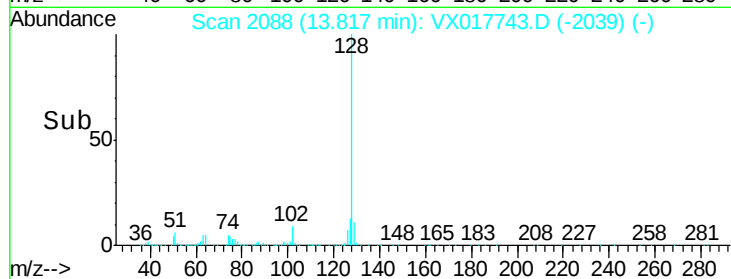
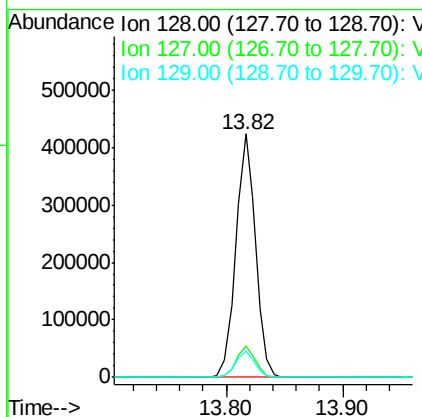
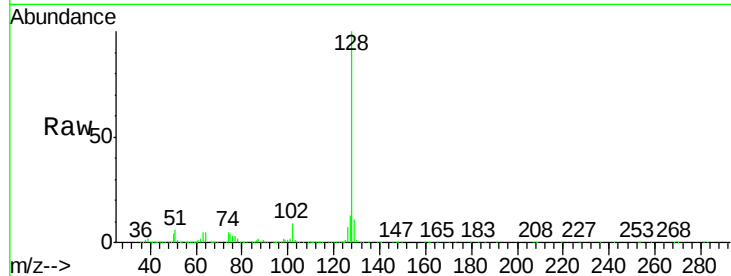




#95
Naphthalene
Concen: 18.287 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBS01

Tot Ion:128 Resp: 498296
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.005 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017743.D
Acq: 03 Aug 2020 14:02

Tgt Ion:180 Resp: 153256
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 32.3 16.3 48.9

