

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017508.D
 Acq On : 23 Jul 2020 22:26
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Quant Time: Jul 24 06:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	596705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	894913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	803274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	419544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	390181	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.46	113	302321	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.70	98	936471	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
62) 4-Bromofluorobenzene	11.12	95	395457	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	92009	15.926	ug/l	94
3) Chloromethane	1.32	50	125292	17.229	ug/l	97
4) Vinyl Chloride	1.39	62	120437	16.039	ug/l	98
5) Bromomethane	1.63	94	83774	18.860	ug/l	99
6) Chloroethane	1.72	64	71619	16.790	ug/l	100
7) Trichlorofluoromethane	1.92	101	180213	15.259	ug/l	98
8) Diethyl Ether	2.17	74	67325	16.675	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94387	14.563	ug/l	98
10) Methyl Iodide	2.49	142	100315	12.098	ug/l	97
11) Tert butyl alcohol	3.01	59	142671	88.317	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99201	16.095	ug/l	96
13) Acrolein	2.28	56	91568	77.158	ug/l	100
14) Allyl chloride	2.71	41	178489	15.860	ug/l	99
15) Acrylonitrile	3.12	53	285050	81.695	ug/l	99
16) Acetone	2.42	43	302535	89.677	ug/l	99
17) Carbon Disulfide	2.55	76	288950	15.424	ug/l	98
18) Methyl Acetate	2.75	43	132854	16.721	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	342013	16.033	ug/l	99
20) Methylene Chloride	2.84	84	113079	16.948	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	101587	15.386	ug/l	98
22) Diisopropyl ether	3.83	45	379573	18.446	ug/l	99
23) Vinyl Acetate	3.79	43	1729425	94.259	ug/l	99
24) 1,1-Dichloroethane	3.67	63	202365	17.072	ug/l	99
25) 2-Butanone	4.64	43	442097	92.246	ug/l	97
26) 2,2-Dichloropropane	4.56	77	148868	14.030	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	119316	16.637	ug/l	98
28) Bromochloromethane	4.98	49	113706	21.168	ug/l	99
29) Tetrahydrofuran	5.09	42	306365	103.201	ug/l	99
30) Chloroform	5.18	83	221674	18.302	ug/l	98
31) Cyclohexane	5.55	56	149802	15.847	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	196176	17.176	ug/l	99
36) 1,1-Dichloropropene	5.78	75	148126	17.258	ug/l	98
37) Ethyl Acetate	4.80	43	164218	17.487	ug/l	98
38) Carbon Tetrachloride	5.76	117	174625	16.754	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017508.D
 Acq On : 23 Jul 2020 22:26
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Quant Time: Jul 24 06:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	130044	12.979	ug/l	96
40) Benzene	6.12	78	456238	18.541	ug/l	98
41) Methacrylonitrile	5.01	41	101680	18.889	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190599	18.933	ug/l	97
43) Isopropyl Acetate	6.42	43	295112	19.046	ug/l	99
44) Trichloroethene	7.19	130	128353	17.849	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108017	15.835	ug/l	99
46) Dibromomethane	7.64	93	76445	15.857	ug/l	97
47) Bromodichloromethane	7.87	83	162313	16.733	ug/l	96
48) Methyl methacrylate	7.74	41	124271	16.180	ug/l	95
49) 1,4-Dioxane	7.71	88	56099	380.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	806252	87.208	ug/l	99
52) Toluene	8.77	92	244721	15.507	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	170319	15.685	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175155	15.814	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110338	16.784	ug/l	95
56) Ethyl methacrylate	9.16	69	163900	16.548	ug/l	99
57) 1,3-Dichloropropane	9.35	76	183828	16.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	435448	83.451	ug/l	99
59) 2-Hexanone	9.48	43	629321	90.412	ug/l	99
60) Dibromochloromethane	9.57	129	137982	16.514	ug/l	97
61) 1,2-Dibromoethane	9.65	107	124397	17.774	ug/l	99
64) Tetrachloroethene	9.32	164	111153	15.417	ug/l	96
65) Chlorobenzene	10.12	112	283832	16.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	122089	17.399	ug/l	99
67) Ethyl Benzene	10.24	91	480848	16.567	ug/l	99
68) m/p-Xylenes	10.34	106	405790	36.090	ug/l	96
69) o-Xylene	10.68	106	175688	16.246	ug/l	100
70) Styrene	10.70	104	306940	16.683	ug/l	100
71) Bromoform	10.84	173	107358	17.659	ug/l #	100
73) Isopropylbenzene	11.00	105	471798	16.392	ug/l	99
74) N-amyl acetate	10.88	43	227217	17.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	164582	18.320	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	223155	25.857	ug/l	83
77) Bromobenzene	11.24	156	138323	17.167	ug/l	98
78) n-propylbenzene	11.34	91	565754	17.429	ug/l	98
79) 2-Chlorotoluene	11.40	91	345972	17.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	414789	16.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53668	15.670	ug/l	94
82) 4-Chlorotoluene	11.49	91	405213	17.083	ug/l	97
83) tert-Butylbenzene	11.76	119	404115	17.186	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	430268	17.604	ug/l	98
85) sec-Butylbenzene	11.93	105	445789	16.275	ug/l	98
86) p-Isopropyltoluene	12.05	119	406527	15.585	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	228372	16.505	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	228201	15.922	ug/l	98
89) n-Butylbenzene	12.37	91	341545	14.694	ug/l	98
90) Hexachloroethane	12.58	117	77625	15.094	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223381	16.426	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42086	18.288	ug/l	99

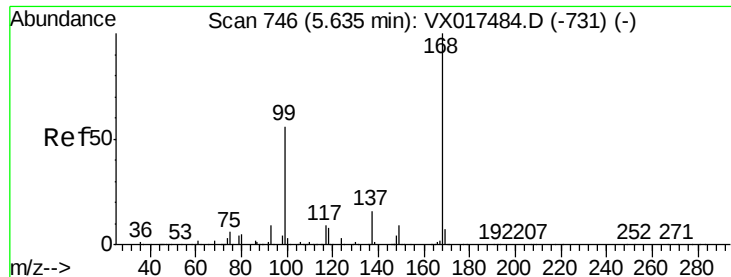
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017508.D
Acq On : 23 Jul 2020 22:26
Operator : JC/SP
Sample : VX0723WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Quant Time: Jul 24 06:02:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	156657	16.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	60201	14.091	ug/l	95
95) Naphthalene	13.82	128	483357	17.446	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	147358	16.080	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

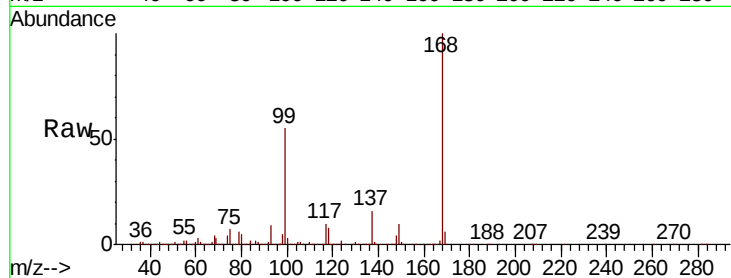
VX0723WBS02

Tot Ion:168 Resp: 596705

Ion Ratio Lower Upper

168 100

99 54.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

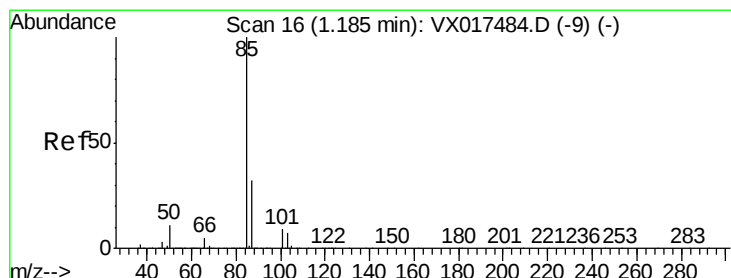
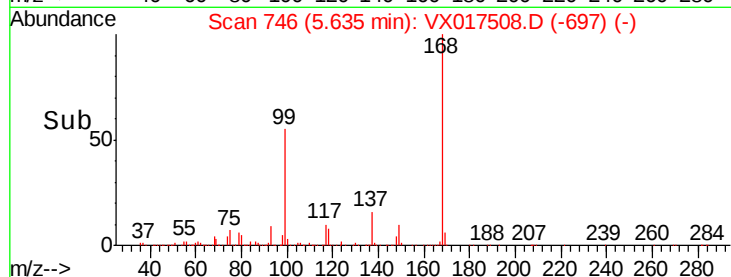
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.926 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017508.D

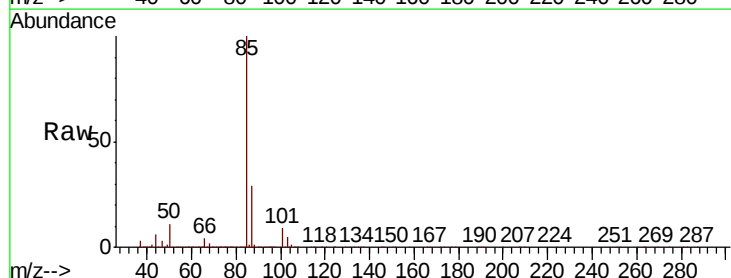
Acq: 23 Jul 2020 22:26

Tgt Ion: 85 Resp: 92009

Ion Ratio Lower Upper

85 100

87 28.7 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

120000

100000

80000

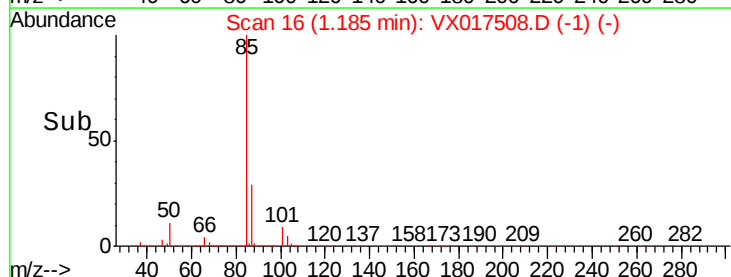
60000

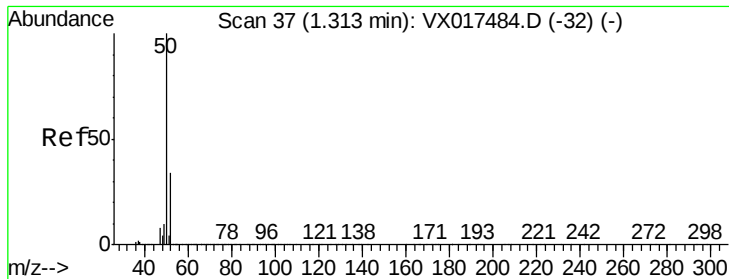
40000

20000

0

Time-->

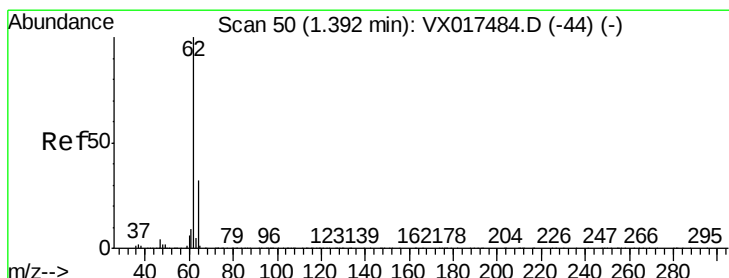
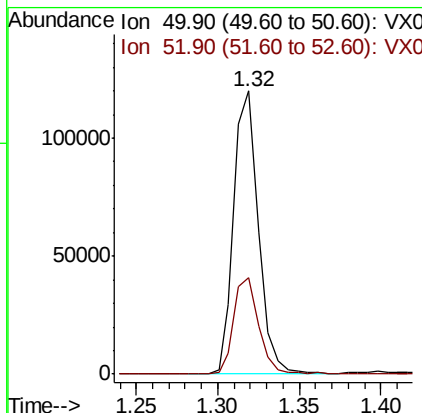
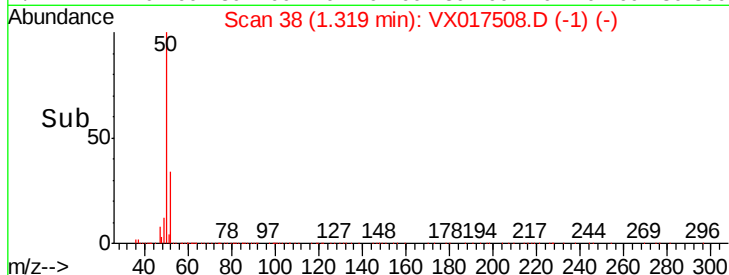
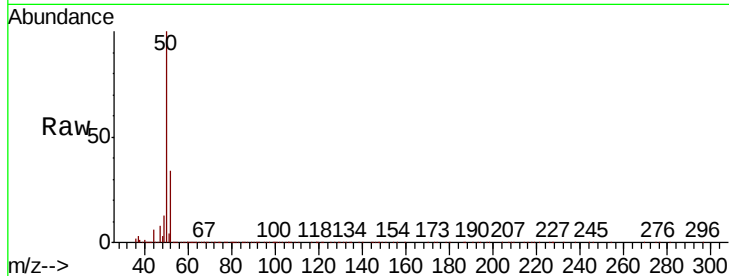




#3
Chloromethane
Concen: 17.229 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

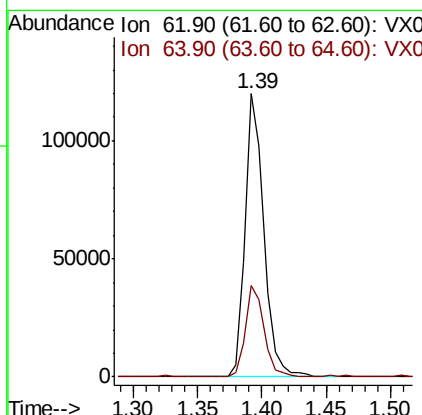
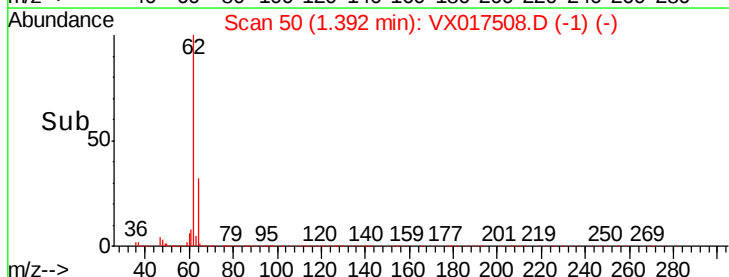
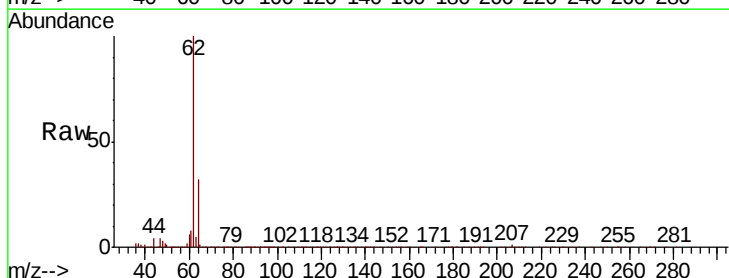
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

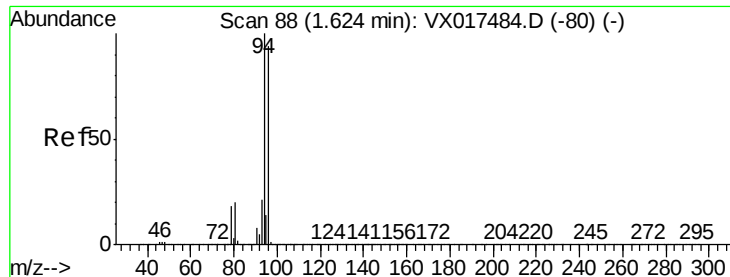
Tot Ion: 50 Resp: 125292
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9



#4
Vinyl Chloride
Concen: 16.039 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 62 Resp: 120437
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5

Bromomethane

Concen: 18.860 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

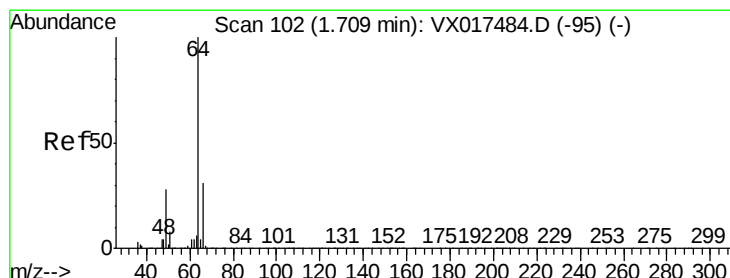
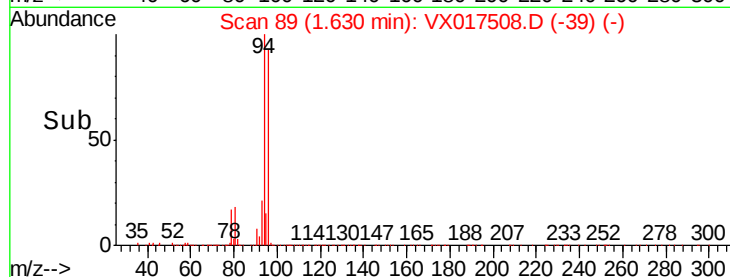
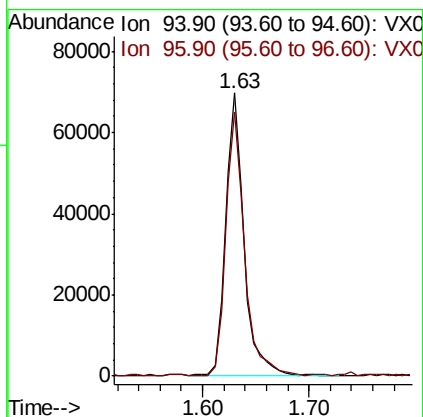
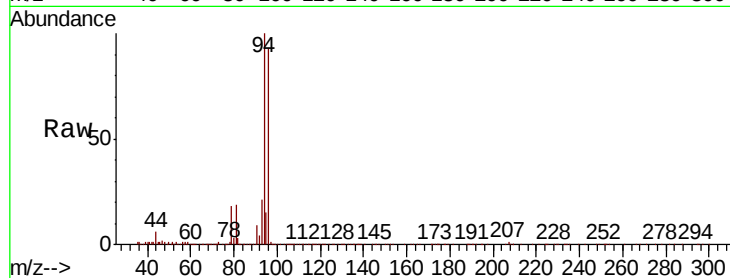
VX0723WBS02

Tot Ion: 94 Resp: 83774

Ion Ratio Lower Upper

94 100

96 93.1 74.1 111.1



#6

Chloroethane

Concen: 16.790 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017508.D

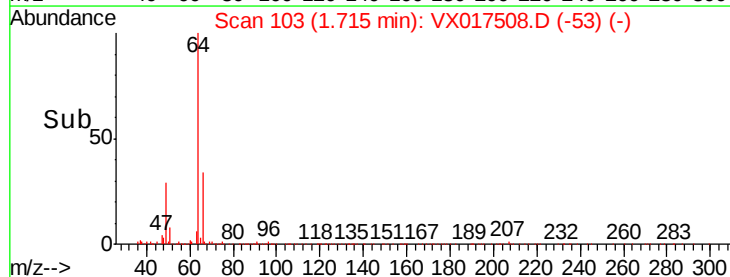
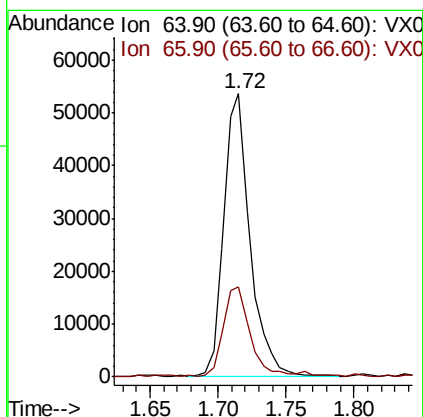
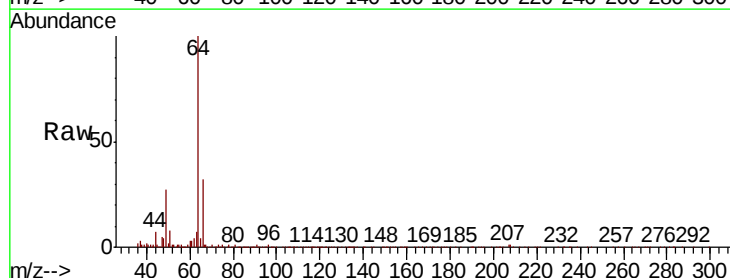
Acq: 23 Jul 2020 22:26

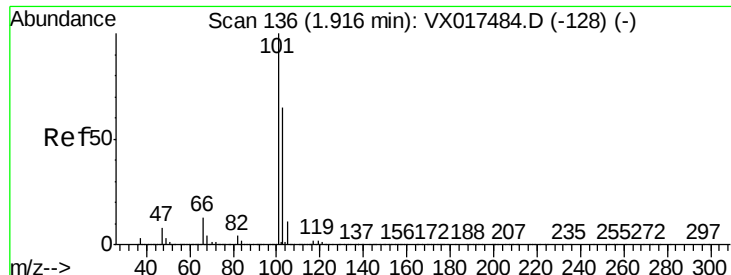
Tgt Ion: 64 Resp: 71619

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



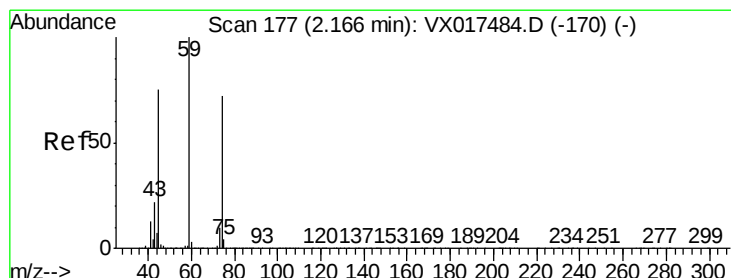
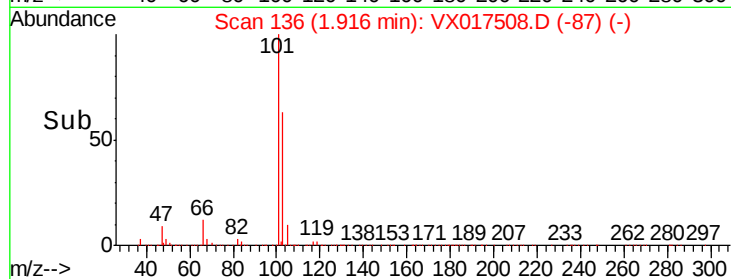
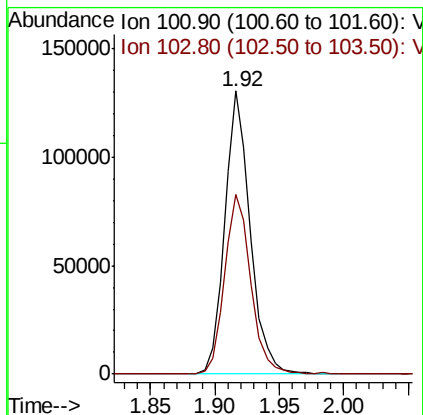
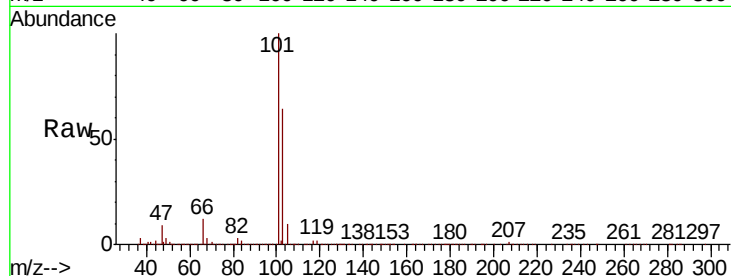


#7

Trichlorofluoromethane
 Concen: 15.259 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBS02

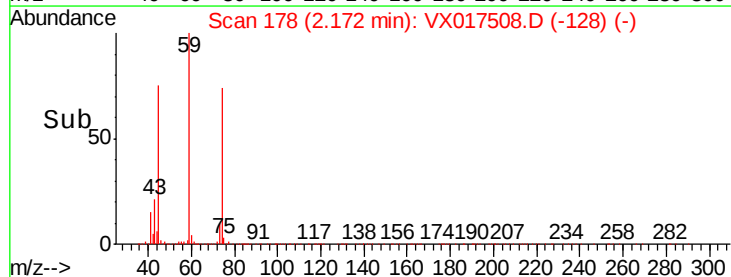
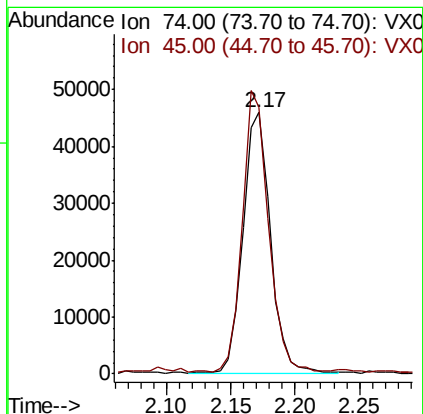
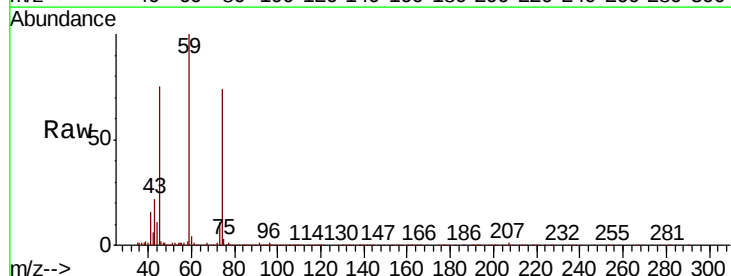
Tot Ion:101 Resp: 180213
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.8

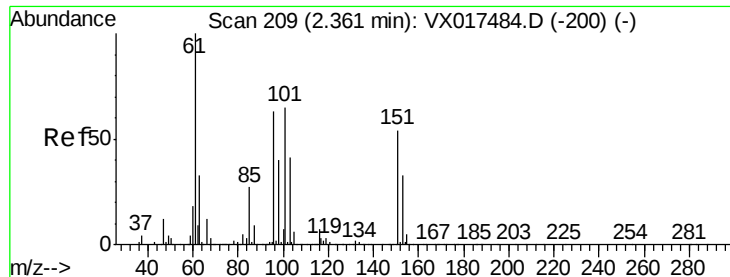


#8

Diethyl Ether
 Concen: 16.675 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion: 74 Resp: 67325
 Ion Ratio Lower Upper
 74 100
 45 103.3 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.563 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

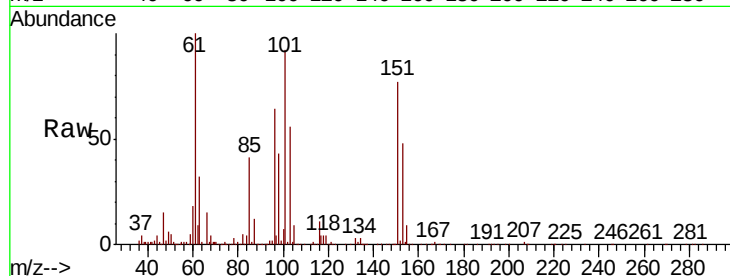
Tot Ion:101 Resp: 94387

Ion Ratio Lower Upper

101 100

85 44.7 34.8 52.2

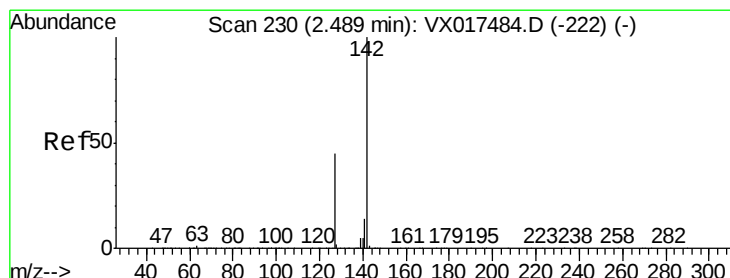
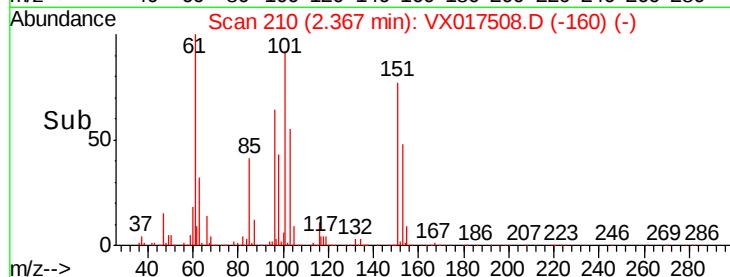
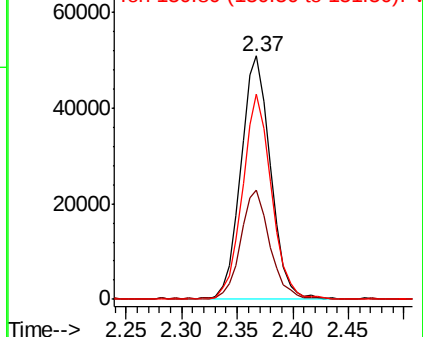
151 82.5 68.0 102.0



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: 12.098 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

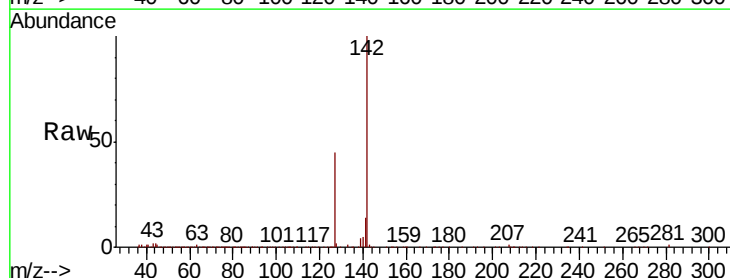
Tgt Ion:142 Resp: 100315

Ion Ratio Lower Upper

142 100

127 47.3 35.9 53.9

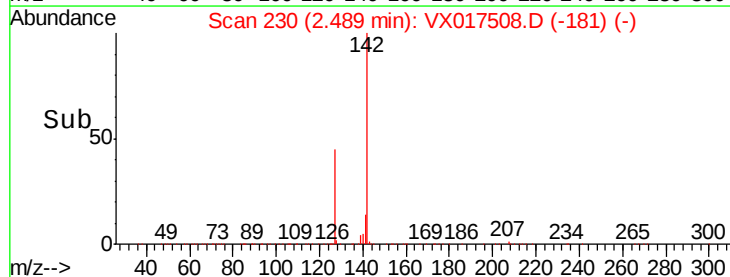
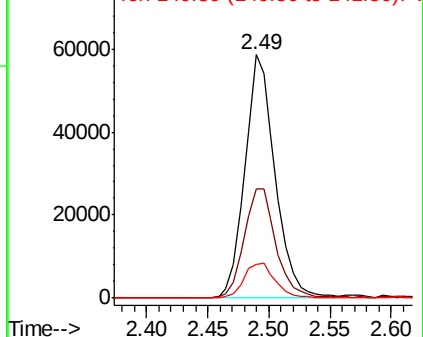
141 15.2 11.4 17.0

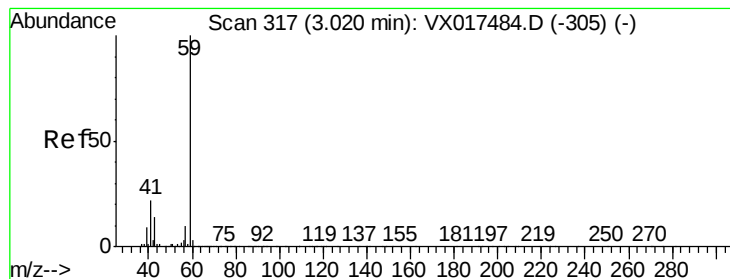


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



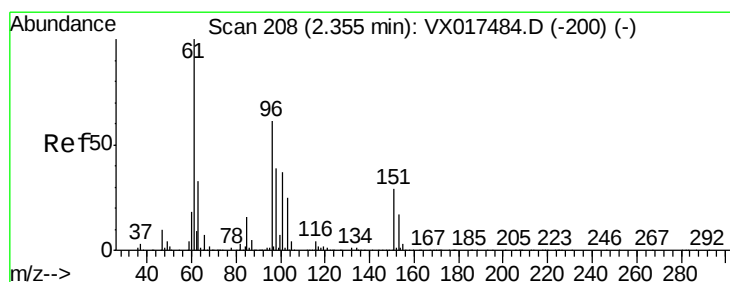
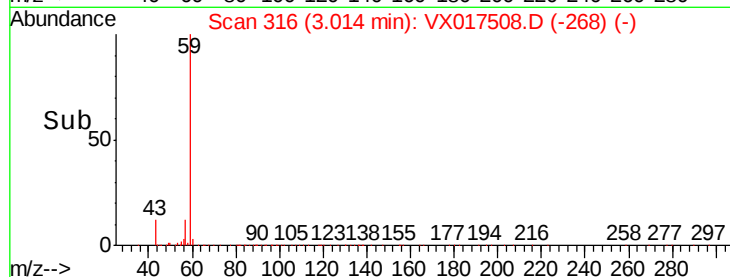
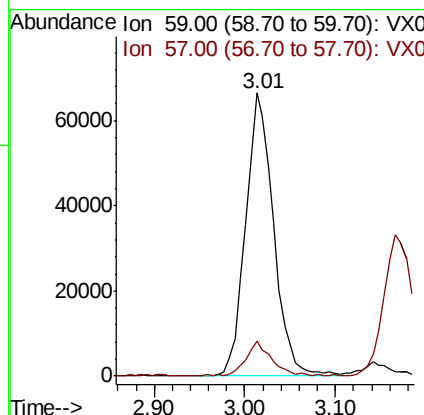
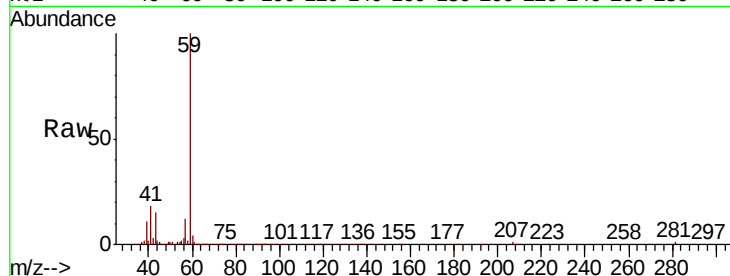


#11

Tert butyl alcohol
Concen: 88.317 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

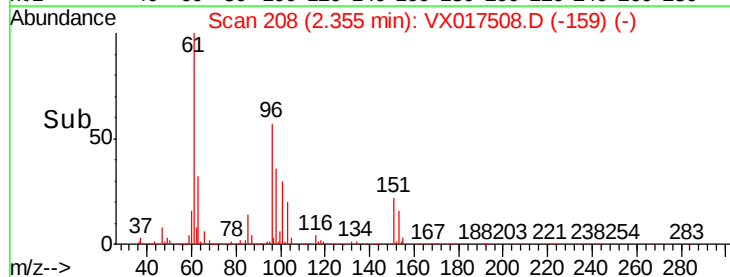
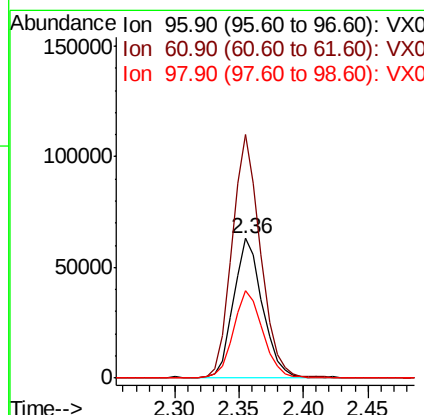
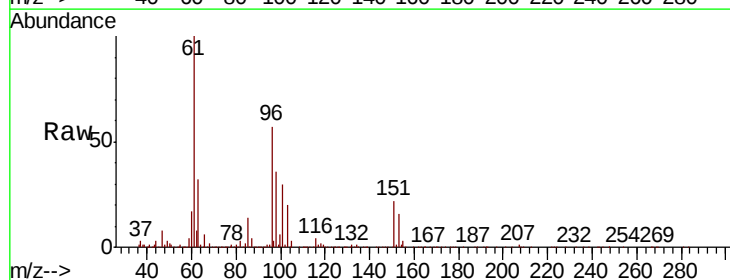
Tot Ion: 59 Resp: 142671
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

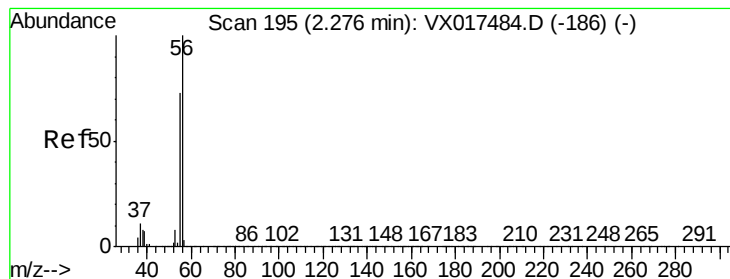


#12

1,1-Dichloroethene
Concen: 16.095 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 96 Resp: 99201
Ion Ratio Lower Upper
96 100
61 174.4 134.0 201.0
98 63.0 51.0 76.4





#13

Acrolein

Concen: 77.158 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

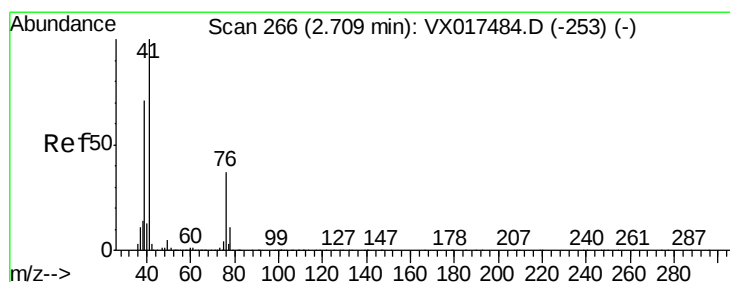
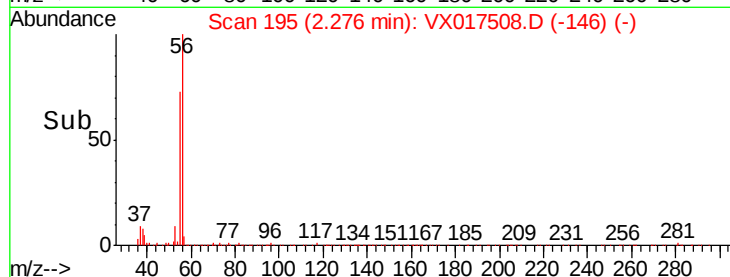
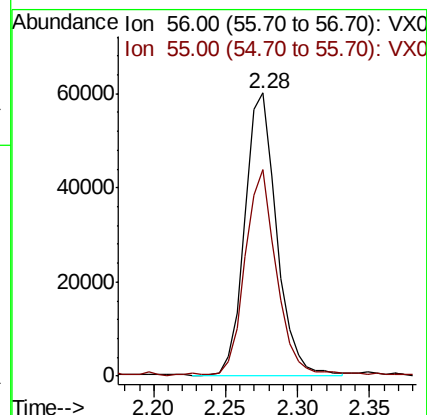
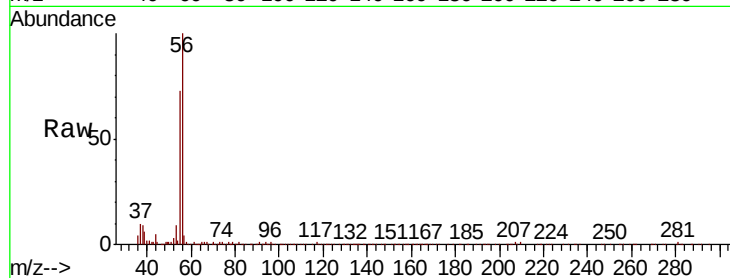
VX0723WBS02

Tot Ion: 56 Resp: 91568

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.2



#14

Allyl chloride

Concen: 15.860 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

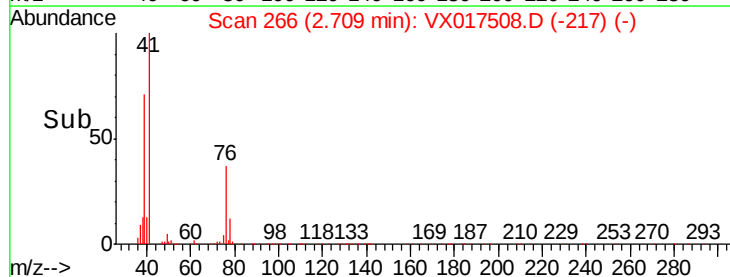
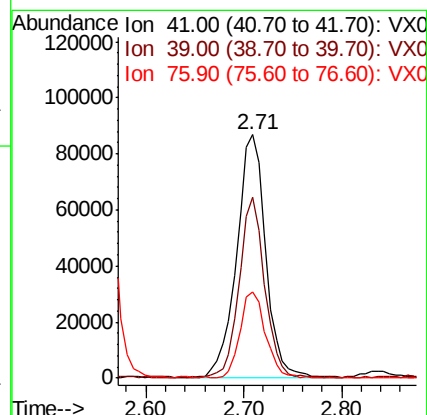
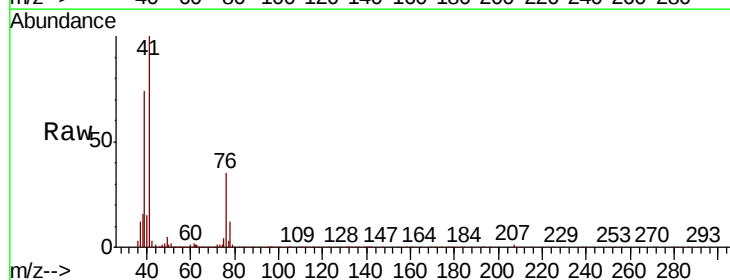
Tgt Ion: 41 Resp: 178489

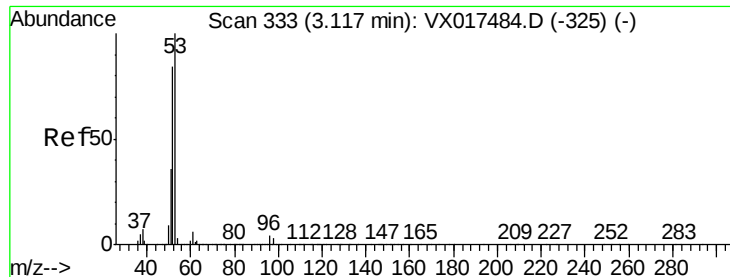
Ion Ratio Lower Upper

41 100

39 66.2 51.9 77.9

76 31.3 25.5 38.3





#15

Acrylonitrile

Concen: 81.695 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

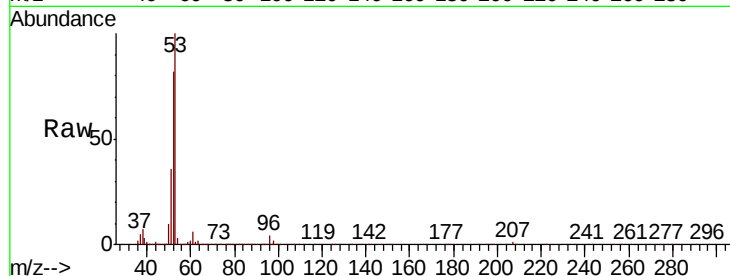
MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 53 Resp: 285050

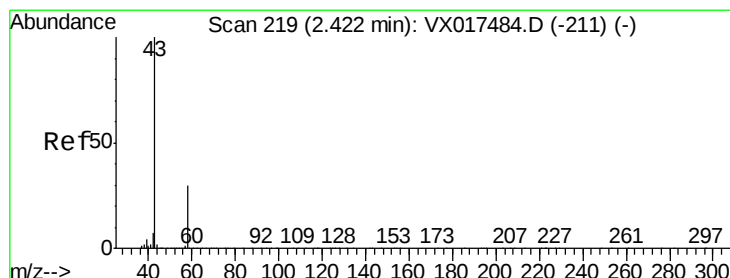
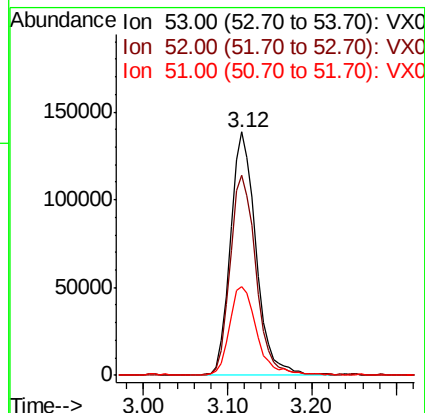
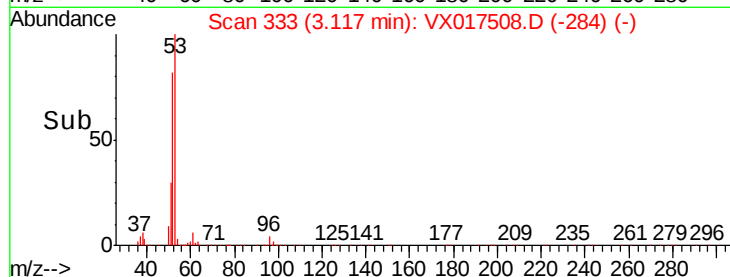
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	38.8	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.677 ug/l

RT: 2.42 min Scan# 219

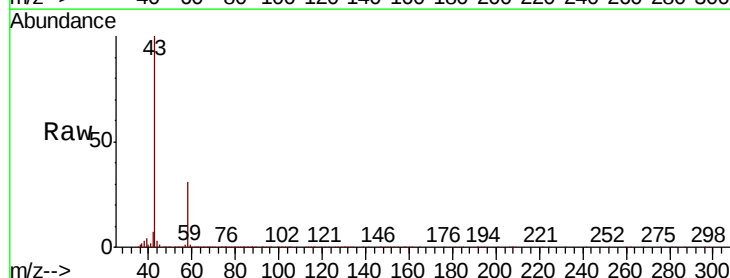
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

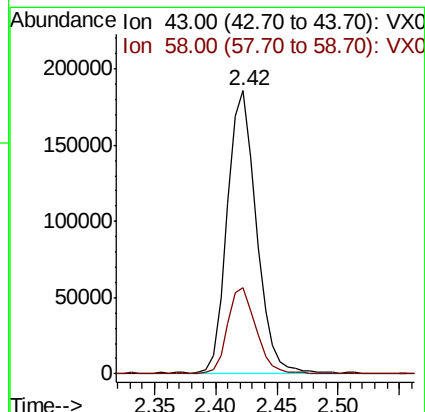
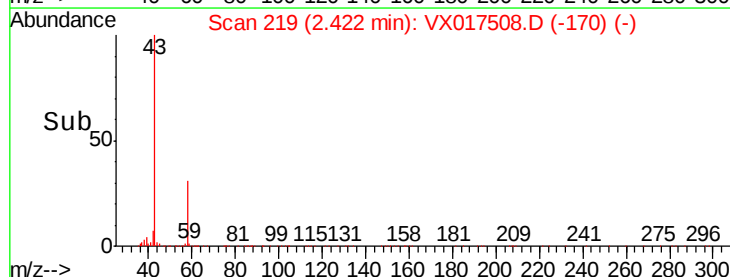
Tgt Ion: 43 Resp: 302535

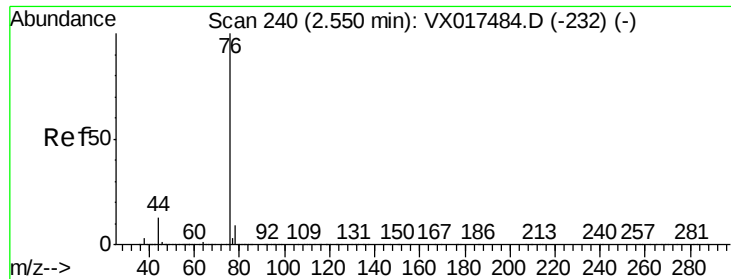
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.424 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

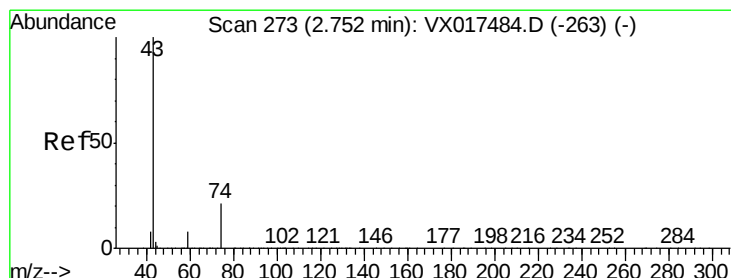
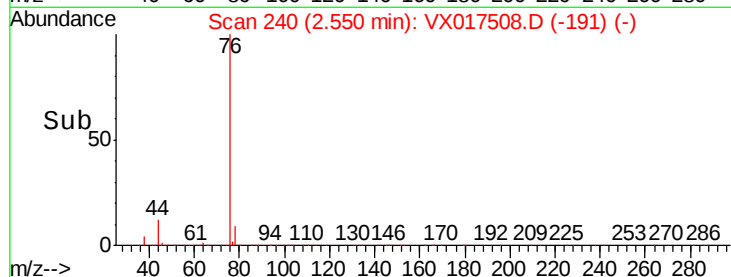
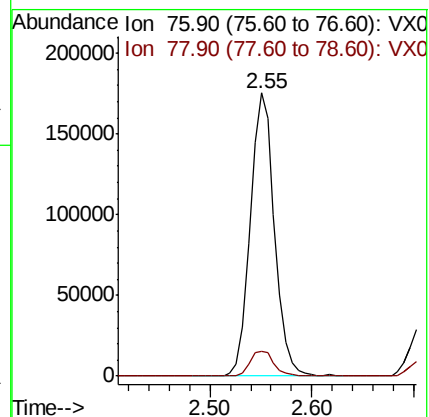
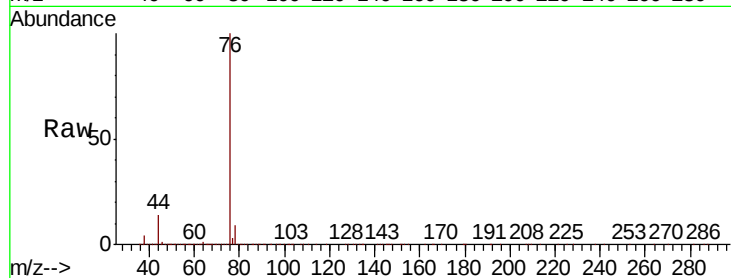
VX0723WBS02

Tot Ion: 76 Resp: 288950

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#18

Methyl Acetate

Concen: 16.721 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017508.D

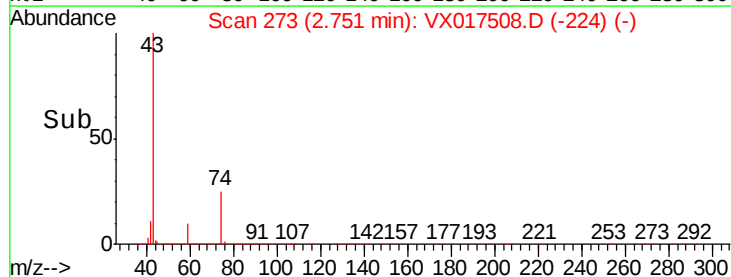
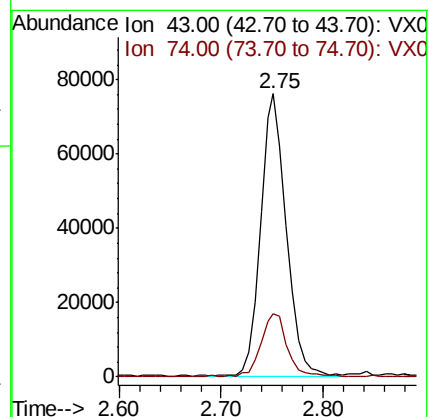
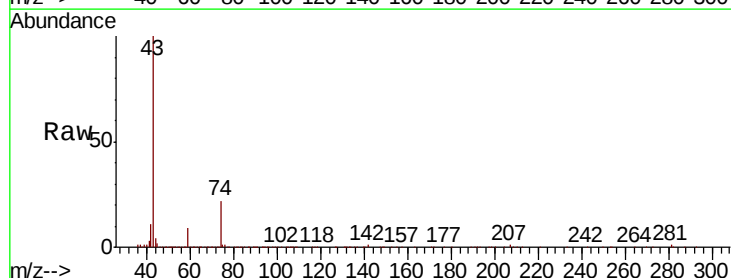
Acq: 23 Jul 2020 22:26

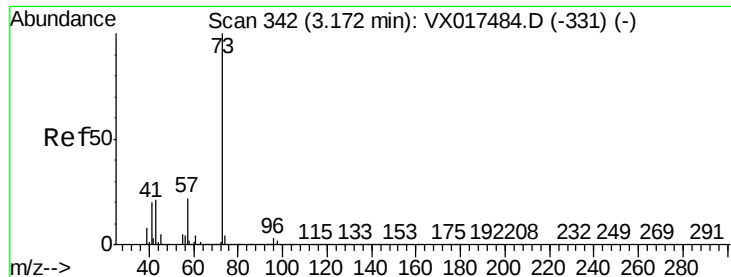
Tgt Ion: 43 Resp: 132854

Ion Ratio Lower Upper

43 100

74 23.7 17.5 26.3

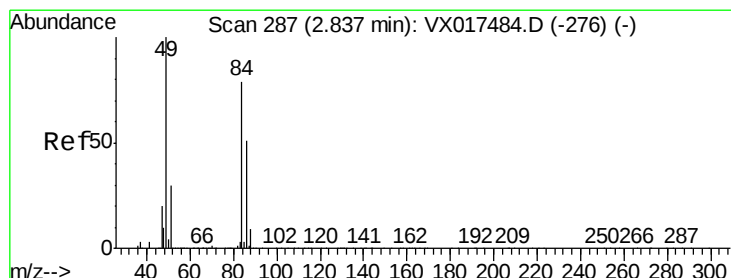
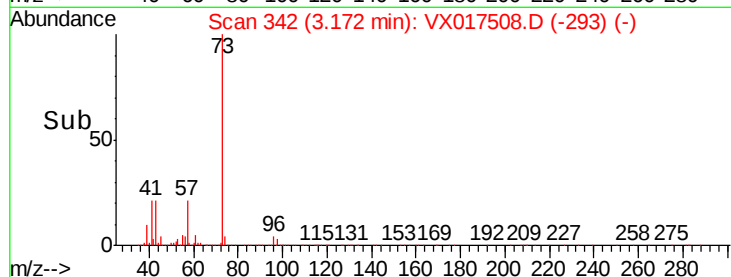
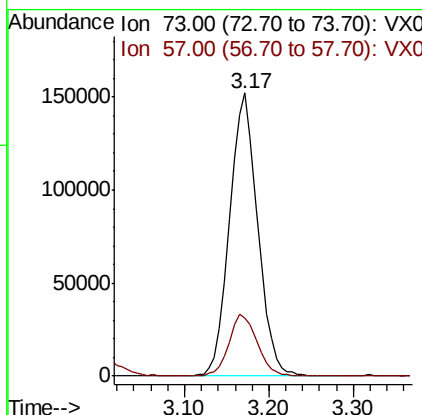
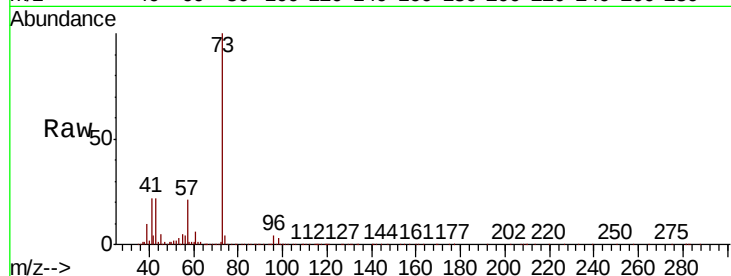




#19
Methyl tert-butyl Ether
Concen: 16.033 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

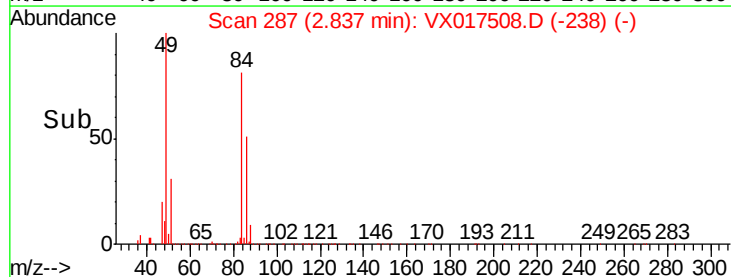
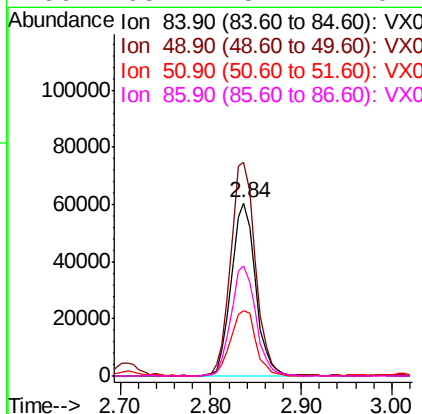
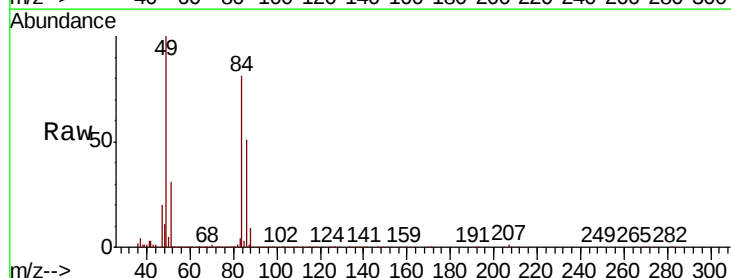
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

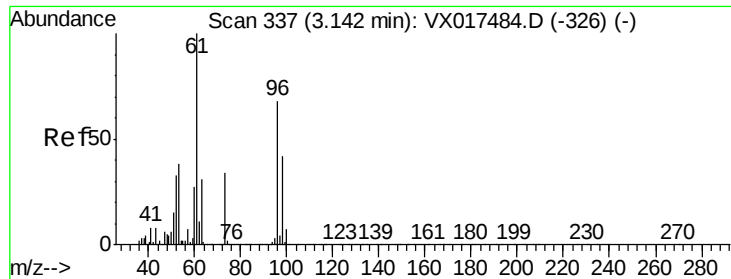
Tot Ion: 73 Resp: 342013
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4



#20
Methylene Chloride
Concen: 16.948 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 84 Resp: 113079
Ion Ratio Lower Upper
84 100
49 122.9 100.3 150.5
51 37.7 30.5 45.7
86 63.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 15.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

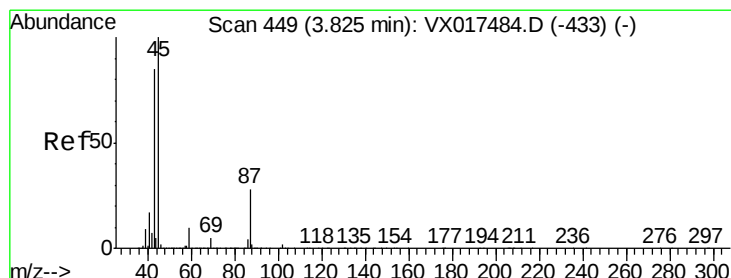
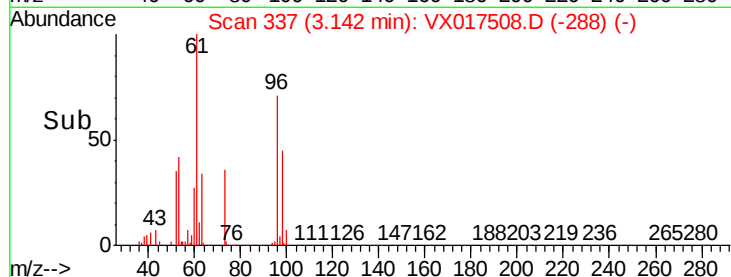
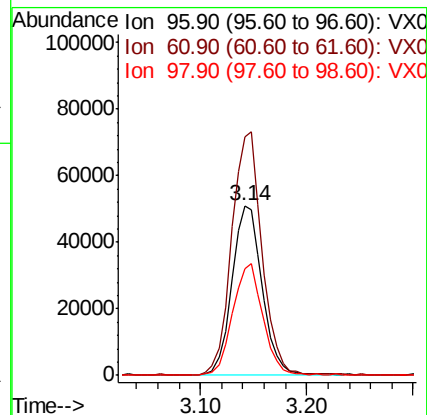
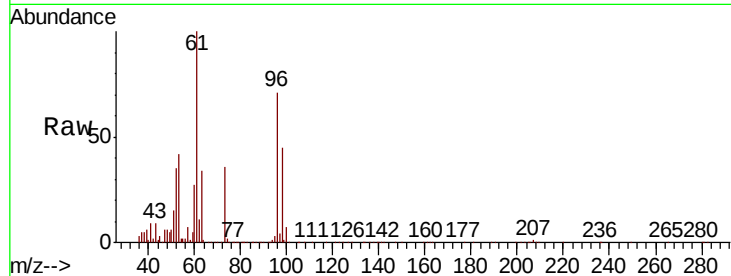
Tot Ion: 96 Resp: 101587

Ion Ratio Lower Upper

96 100

61 139.8 113.0 169.4

98 62.5 51.8 77.8



#22

Diisopropyl ether

Concen: 18.446 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion: 45 Resp: 379573

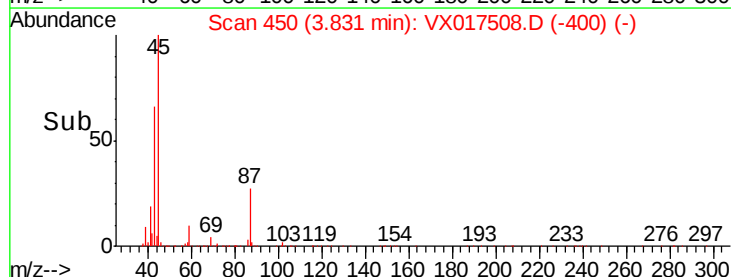
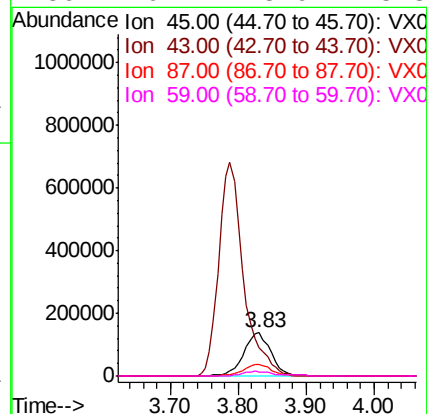
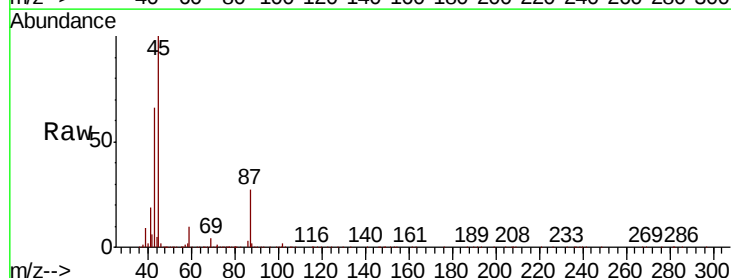
Ion Ratio Lower Upper

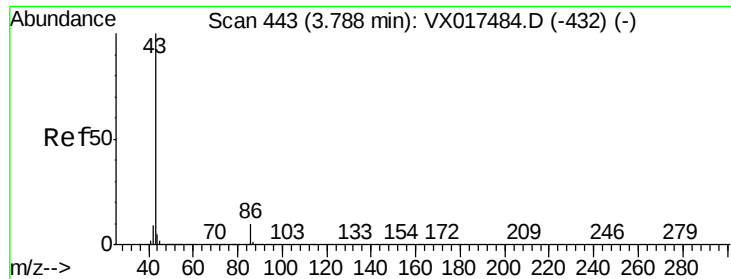
45 100

43 65.5 52.0 78.0

87 26.9 22.2 33.4

59 10.2 8.9 13.3





#23

Vinyl Acetate

Concen: 94.259 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

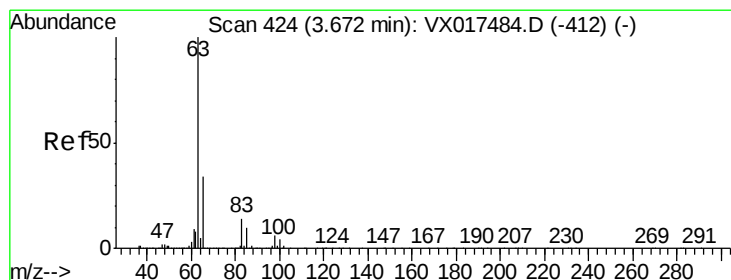
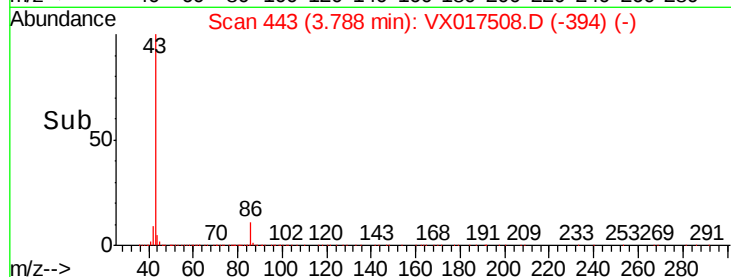
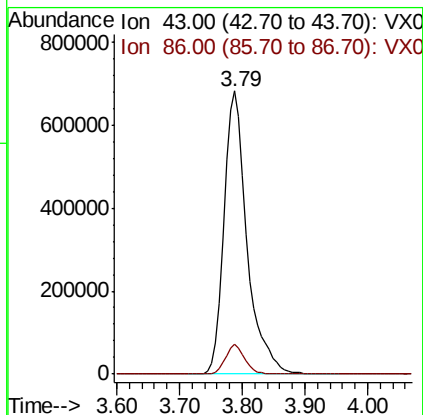
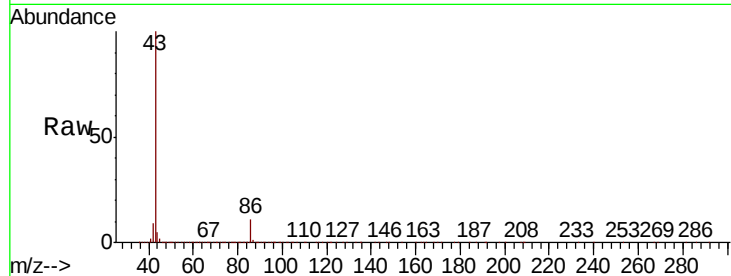
VX0723WBS02

Tot Ion: 43 Resp: 1729425

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.4



#24

1,1-Dichloroethane

Concen: 17.072 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

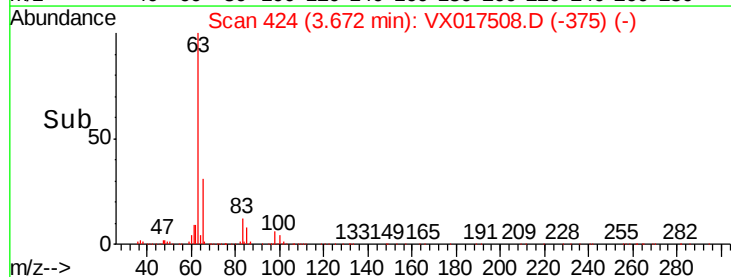
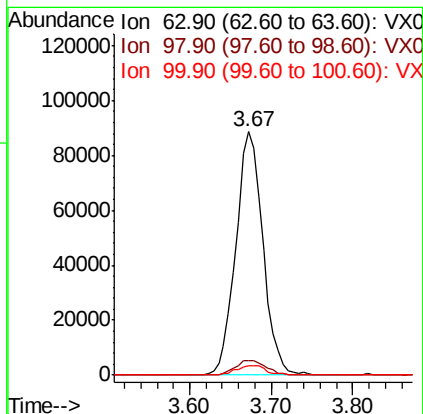
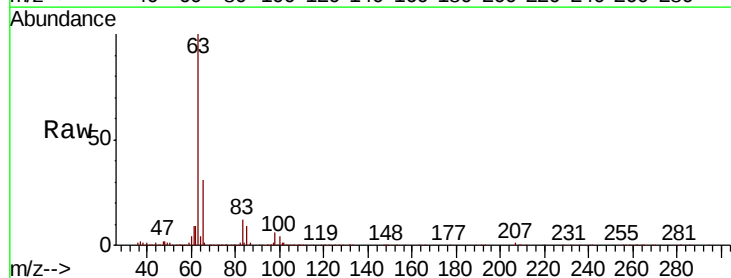
Tgt Ion: 63 Resp: 202365

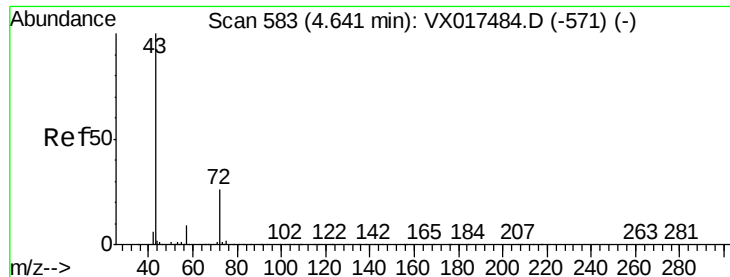
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 92.246 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

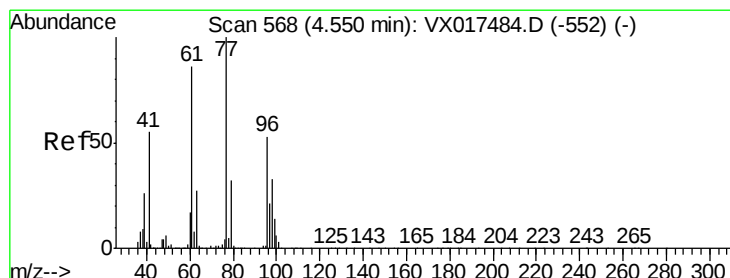
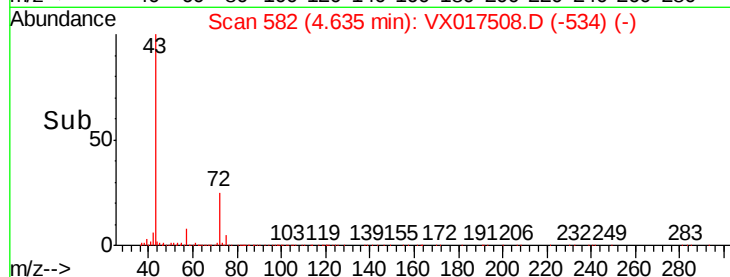
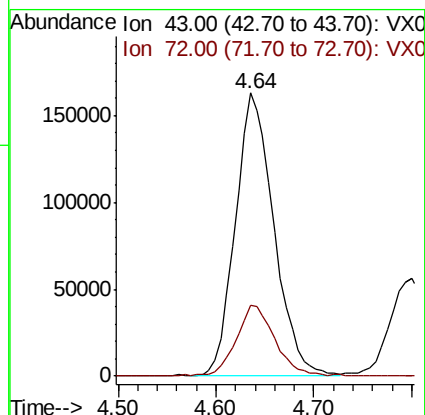
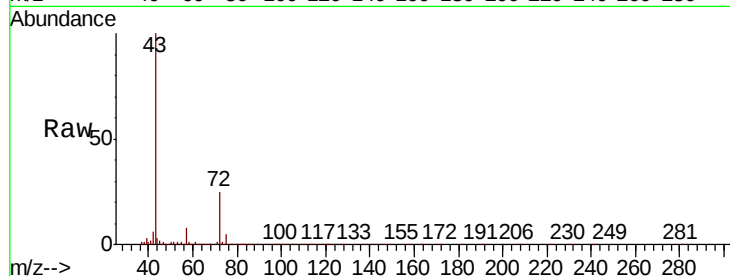
VX0723WBS02

Tot Ion: 43 Resp: 442097

Ion Ratio Lower Upper

43 100

72 25.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 14.030 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017508.D

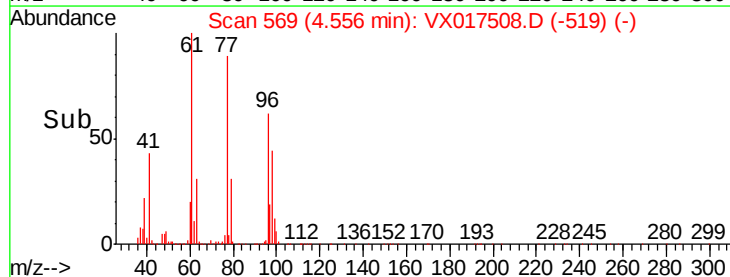
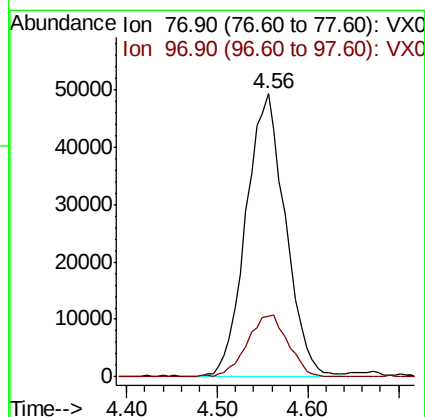
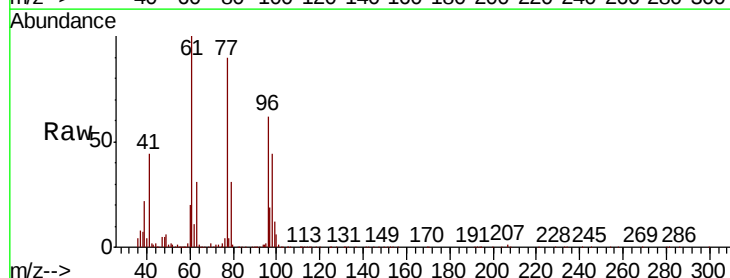
Acq: 23 Jul 2020 22:26

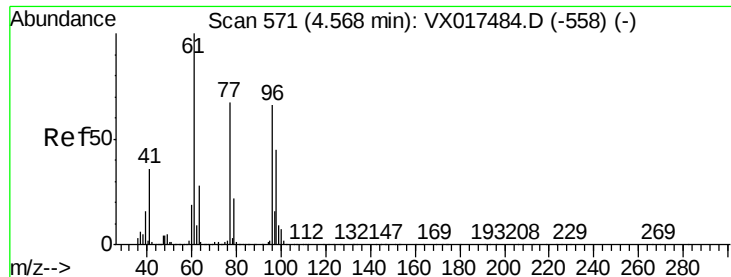
Tgt Ion: 77 Resp: 148868

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9



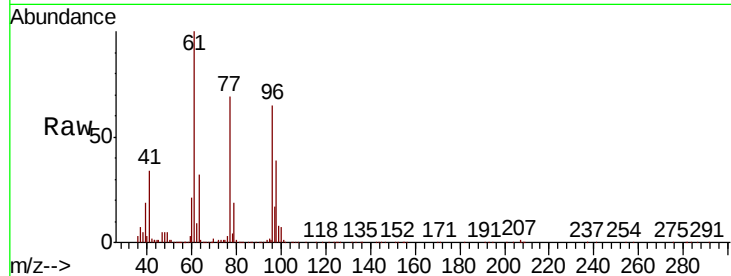


#27

cis-1,2-Dichloroethene
Concen: 16.637 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	96	Resp	119316
Ion Ratio	Lower	Upper	
96	100		
61	148.2	0.0	301.2
98	65.7	0.0	130.0

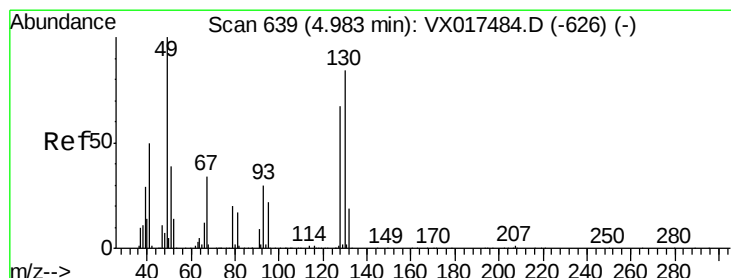
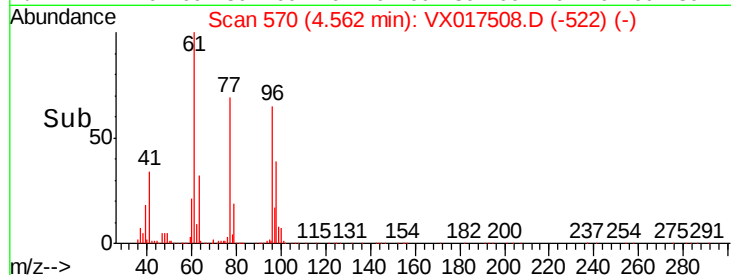
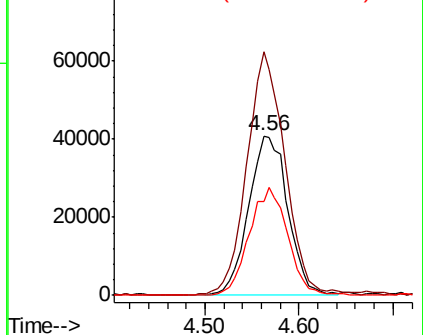


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

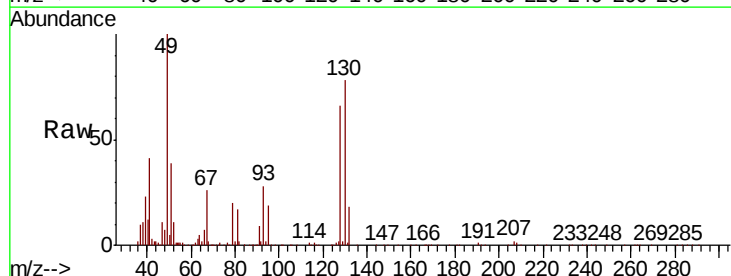
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.168 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	49	Resp	113706
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	84.4	66.7	100.1

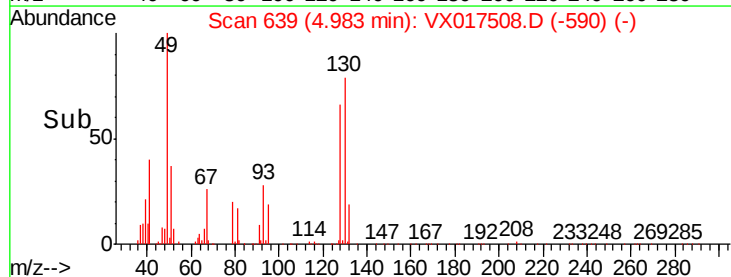
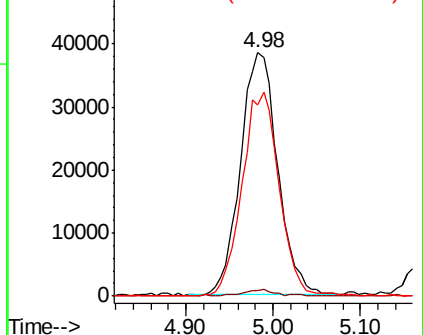


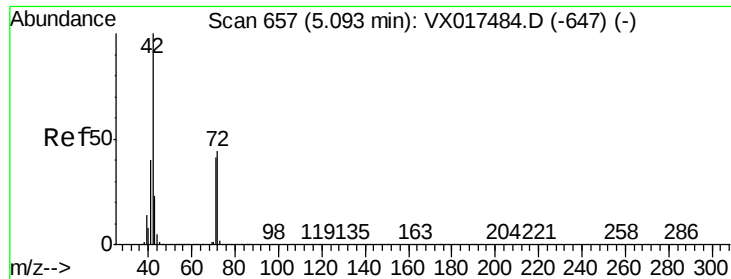
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

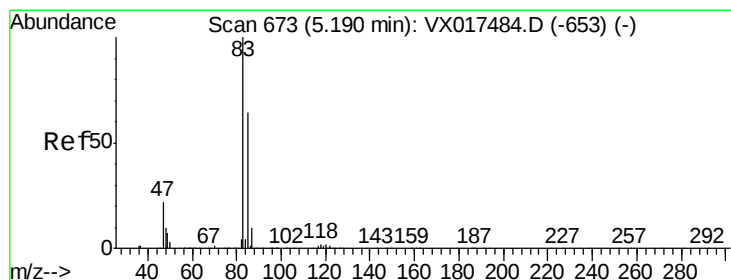
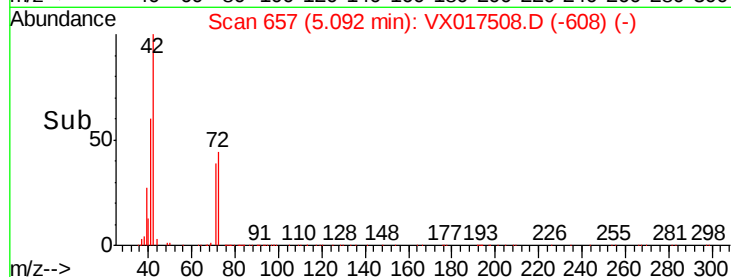
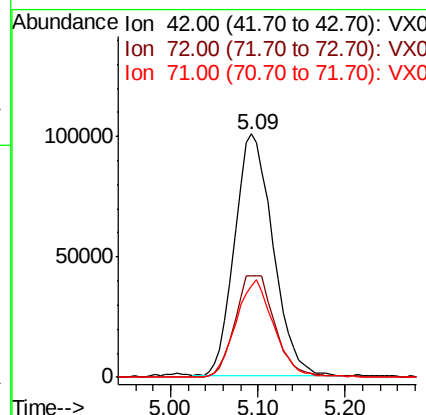
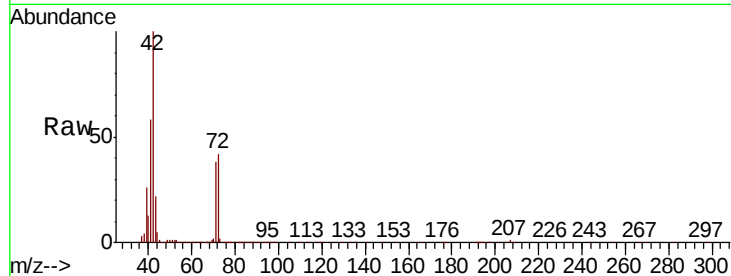




#29
Tetrahydrofuran
Concen: 103.201 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

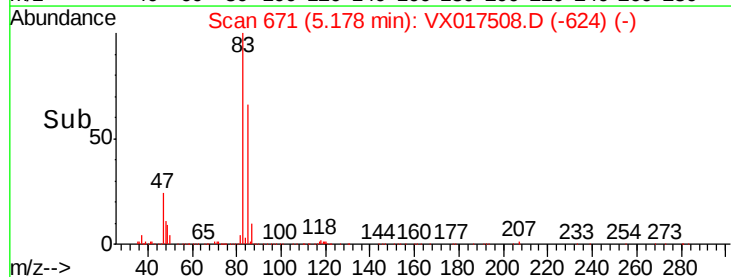
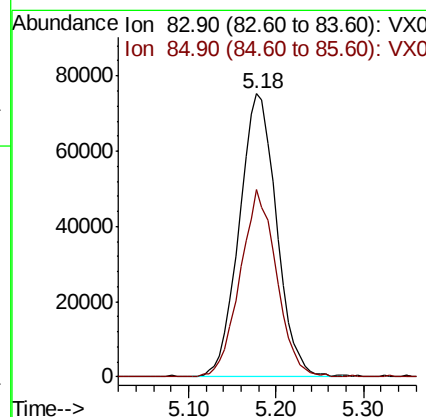
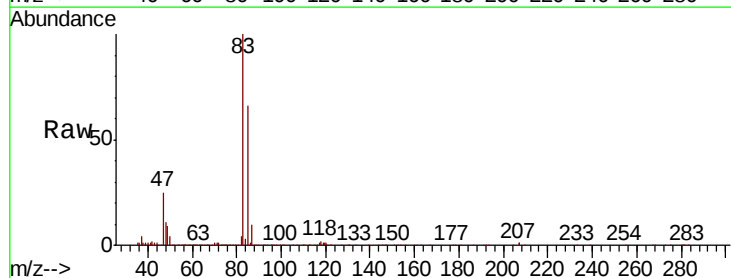
Instrument :
MSVOA_X
ClientSampled :
VX0723WBS02

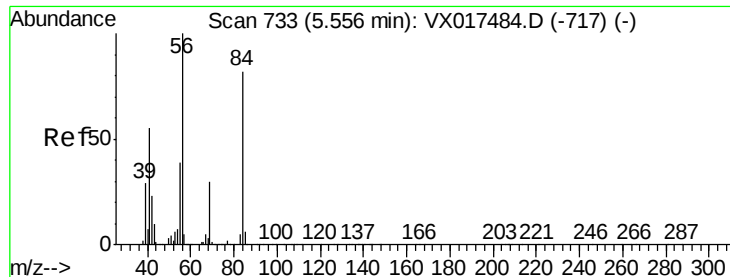
Tot Ion: 42 Resp: 306365
Ion Ratio Lower Upper
42 100
72 44.3 35.5 53.3
71 39.8 33.0 49.4



#30
Chloroform
Concen: 18.302 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 83 Resp: 221674
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2

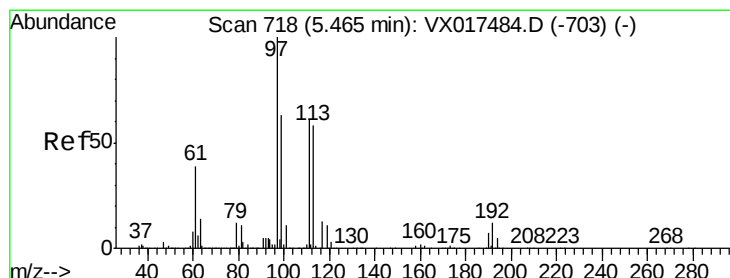
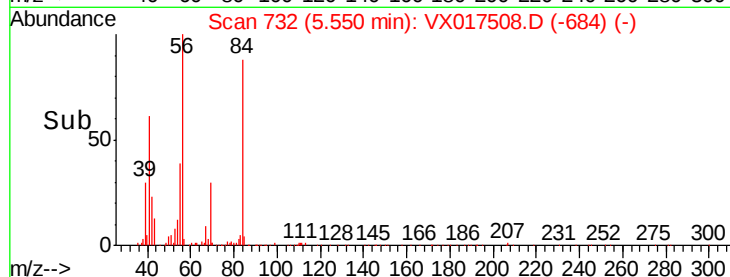
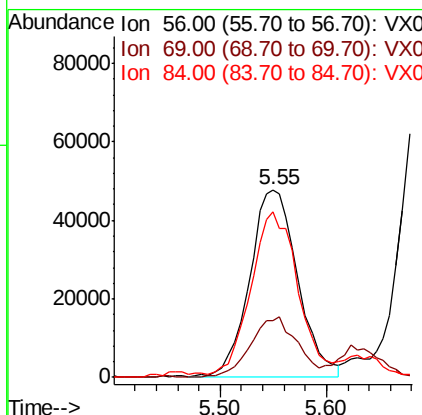
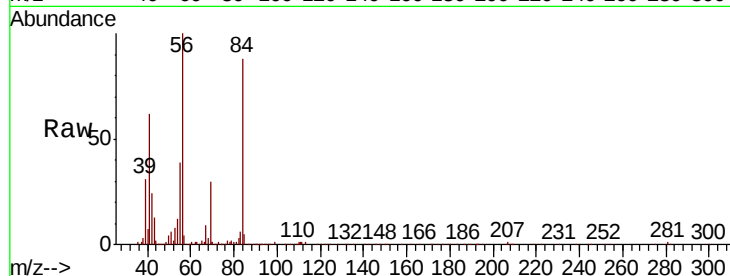




#31
Cyclohexane
Concen: 15.847 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

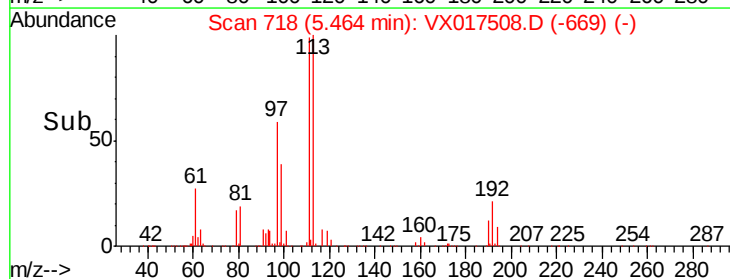
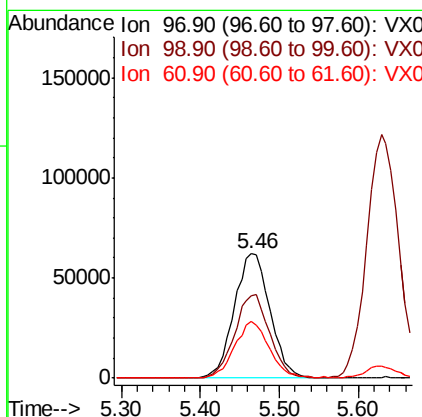
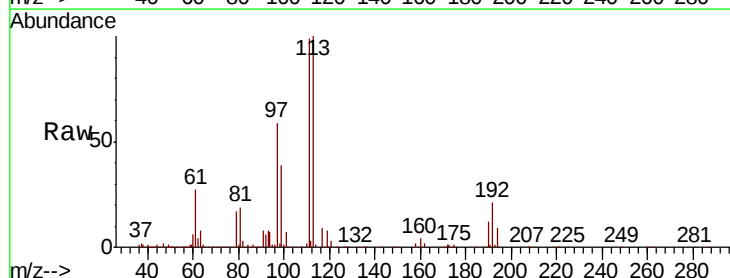
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

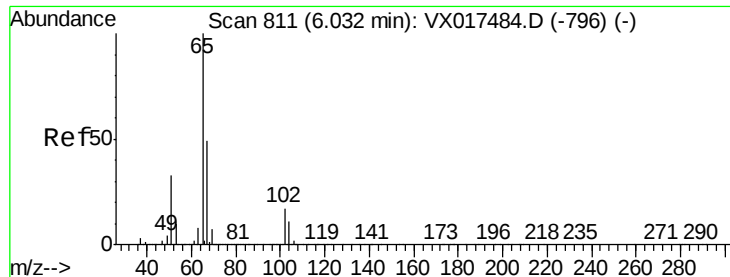
Tot Ion: 56 Resp: 149802
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.4
84 87.1 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.176 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 97 Resp: 196176
Ion Ratio Lower Upper
97 100
99 65.4 51.9 77.9
61 43.8 34.1 51.1

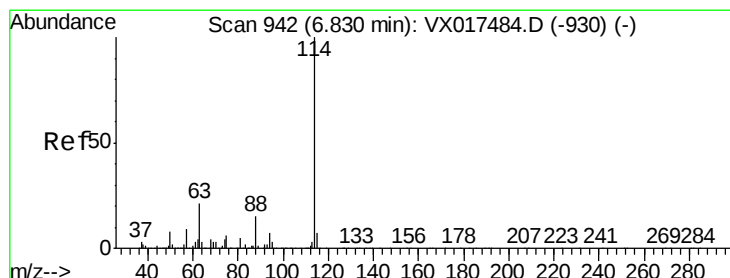
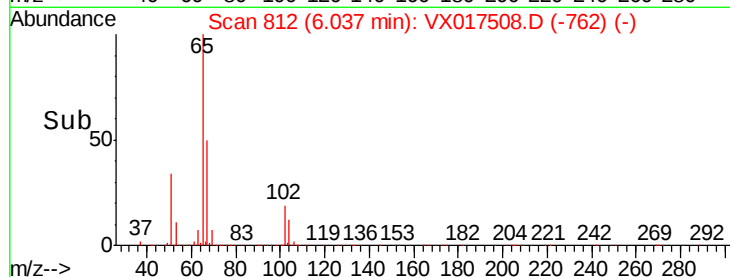
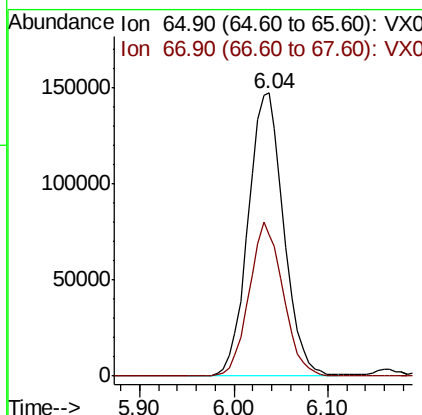
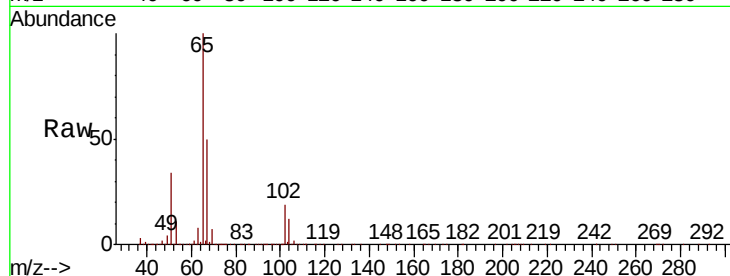




#33
 1,2-Dichloroethane-d4
 Concen: 50.905 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

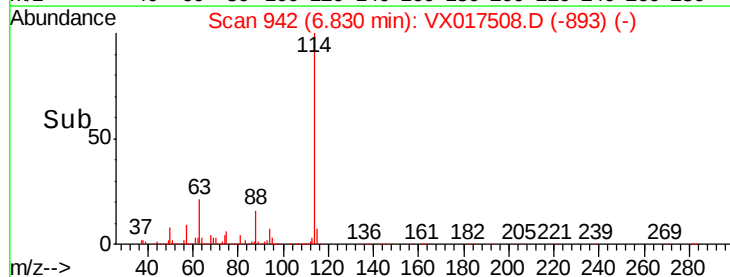
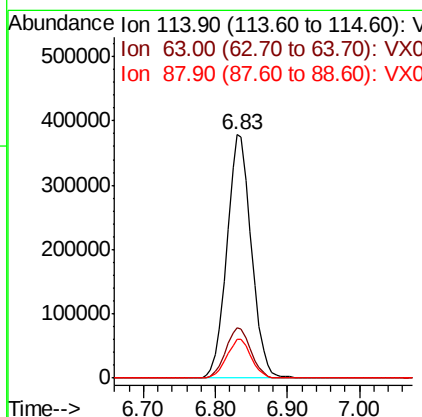
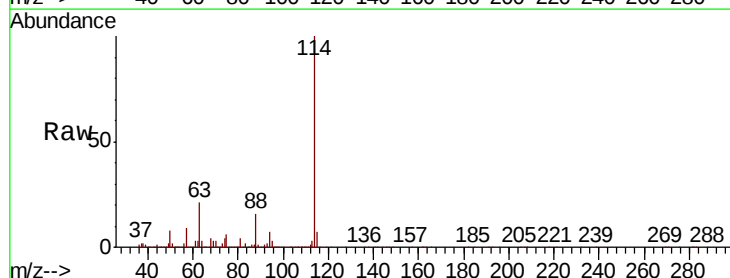
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

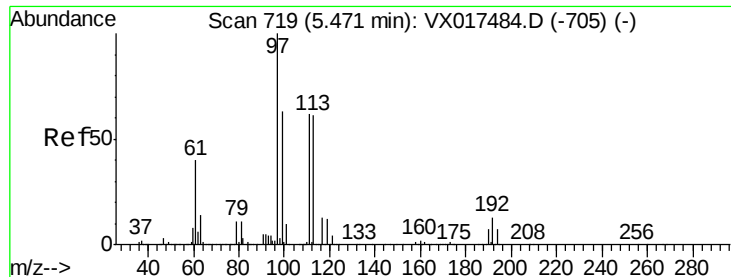
Tot Ion: 65 Resp: 390181
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion: 114 Resp: 894913
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 16.1 0.0 33.4

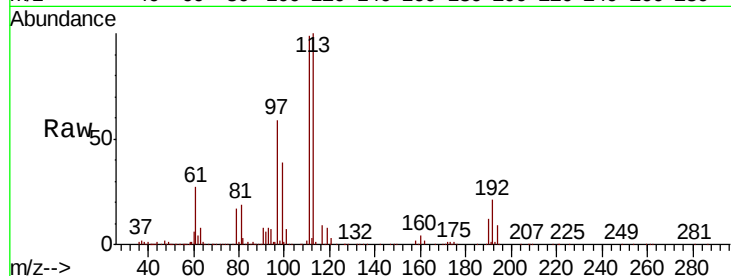




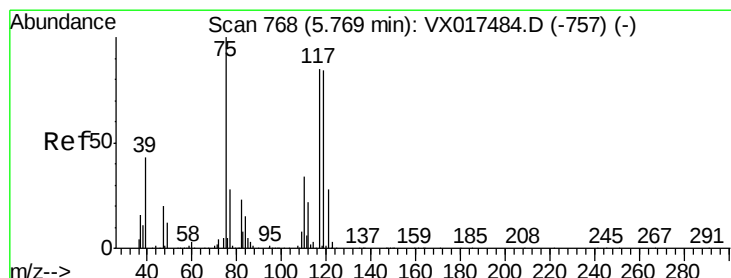
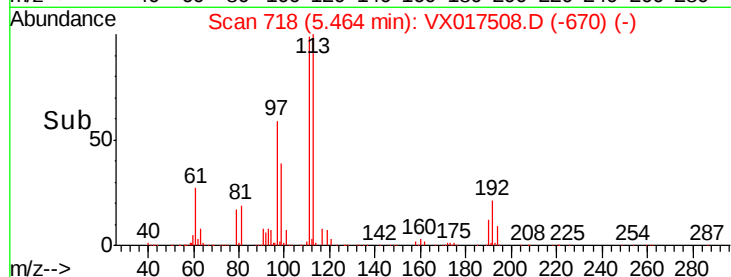
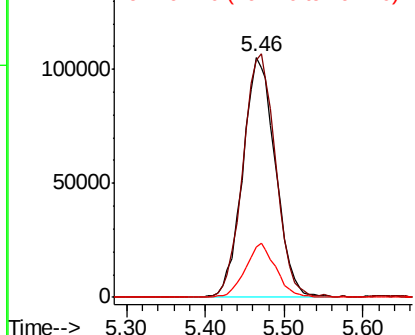
#35
 Dibromofluoromethane
 Concen: 50.511 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBS02

Tot Ion:113 Resp: 302321
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 20.9 16.9 25.3

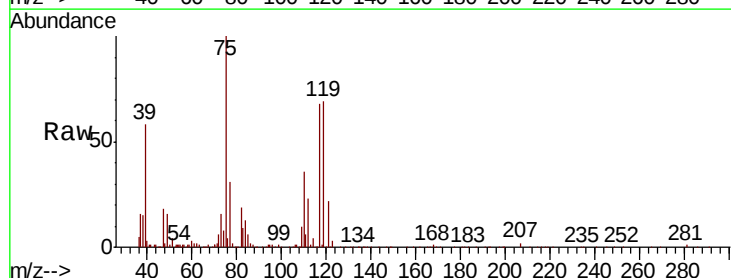


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

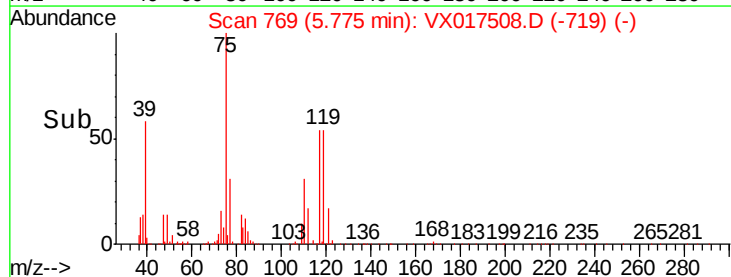
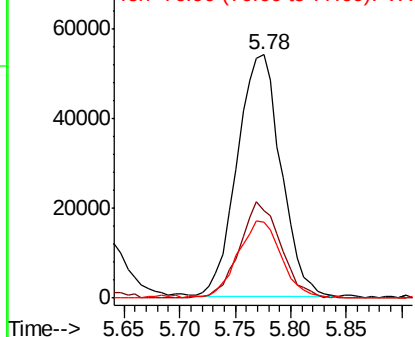


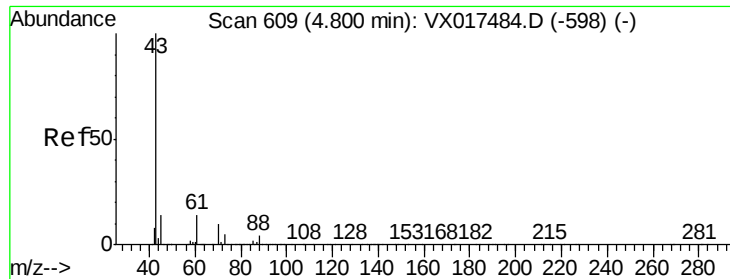
#36
 1,1-Dichloropropene
 Concen: 17.258 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion: 75 Resp: 148126
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.1 54.3
 77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

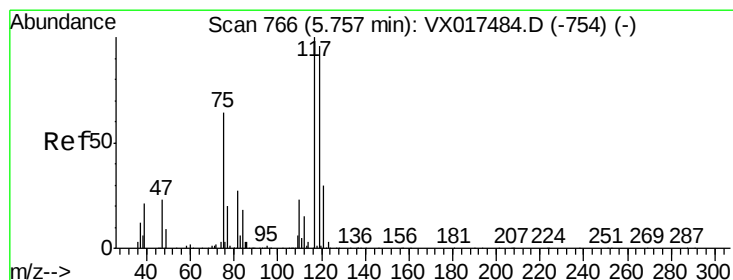
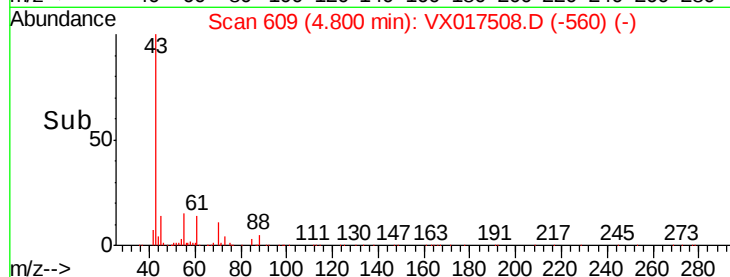
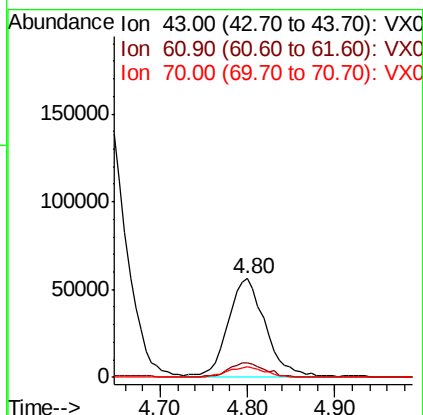
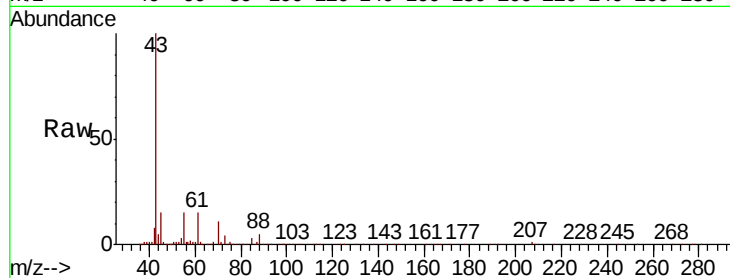




#37
Ethyl Acetate
Concen: 17.487 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

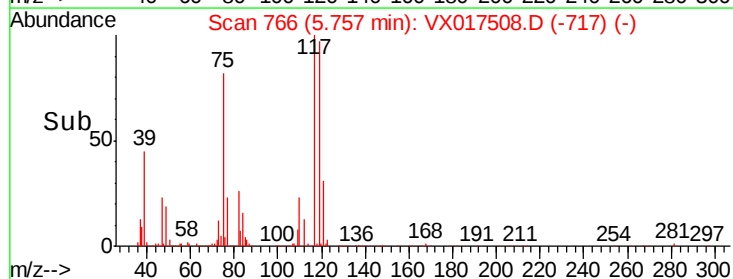
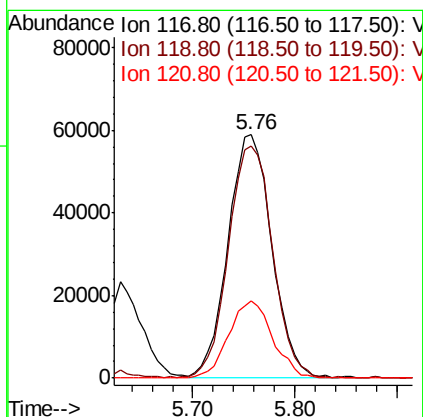
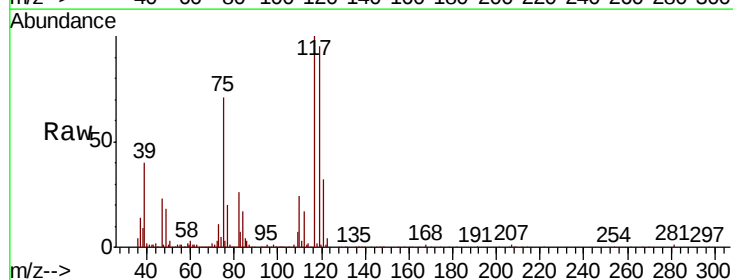
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

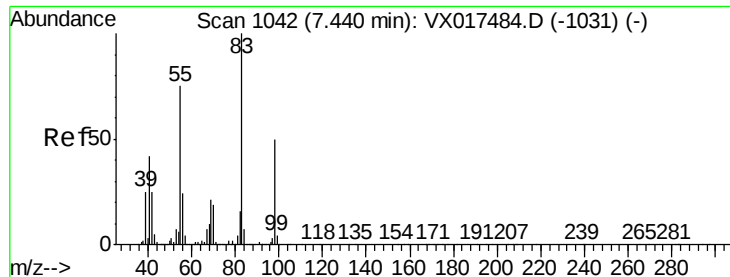
Tot Ion	43	Resp	164218
Ion Ratio	Lower	Upper	
43	100		
61	14.5	10.7	16.1
70	10.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 16.754 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	117	Resp	174625
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.4	113.0
121	31.5	24.3	36.5

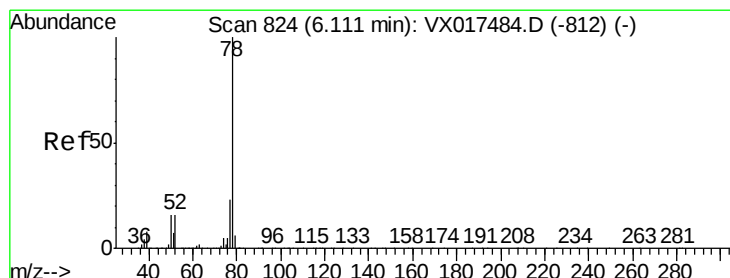
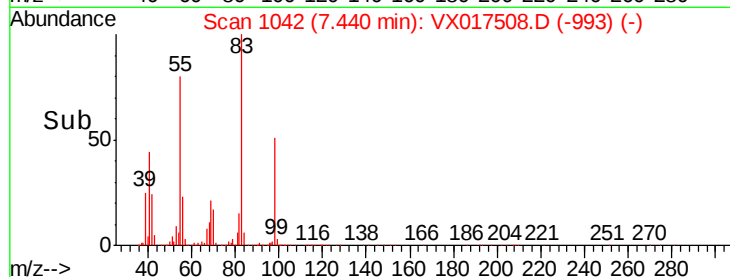
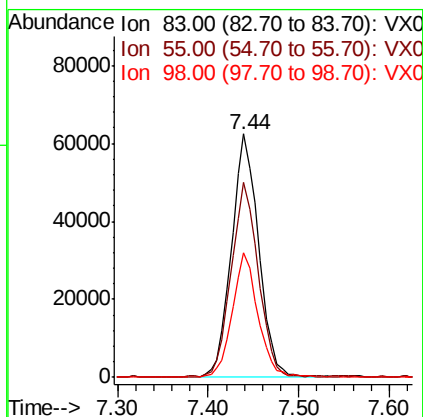
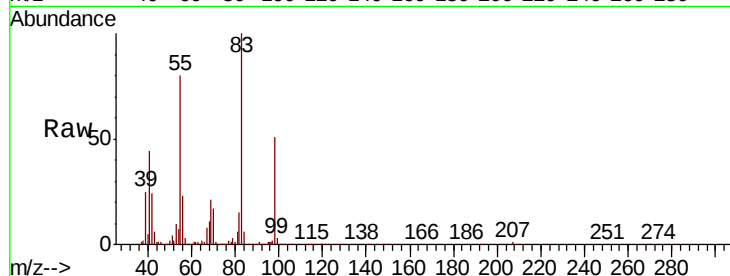




#39
Methvlcvclohexane
Concen: 12.979 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

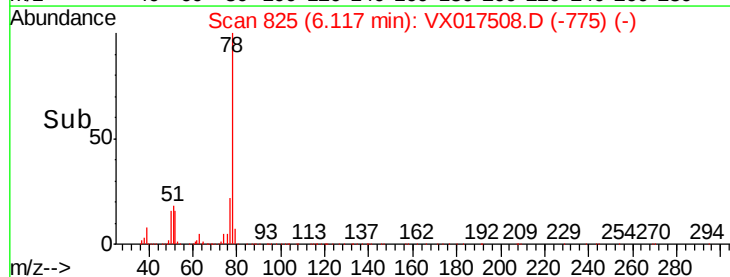
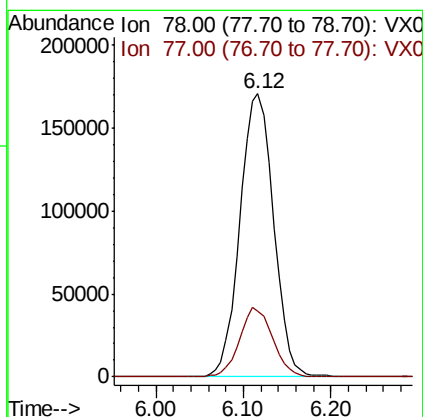
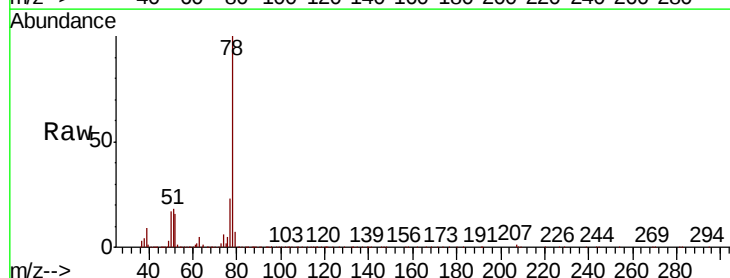
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

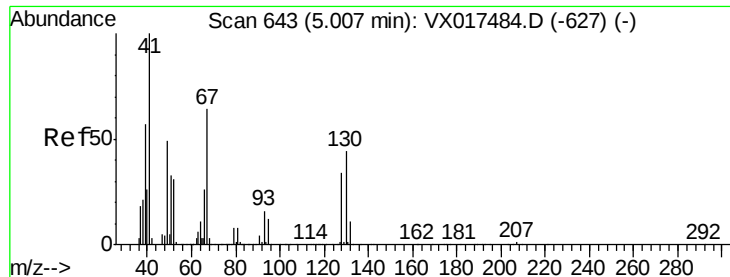
Tot Ion: 83 Resp: 130044
Ion Ratio Lower Upper
83 100
55 79.5 61.8 92.8
98 51.1 36.9 55.3



#40
Benzene
Concen: 18.541 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 78 Resp: 456238
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.2

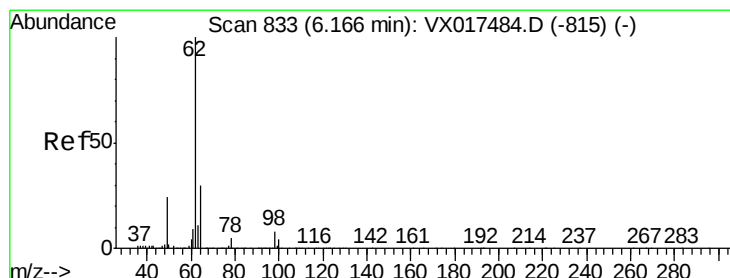
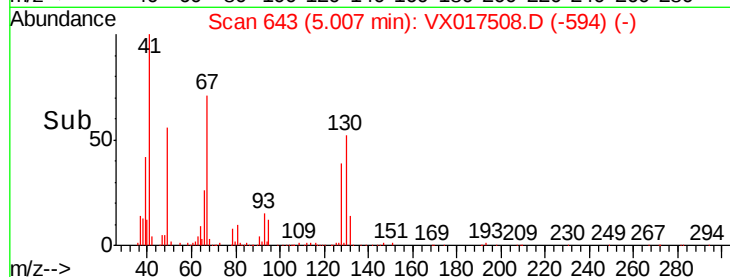
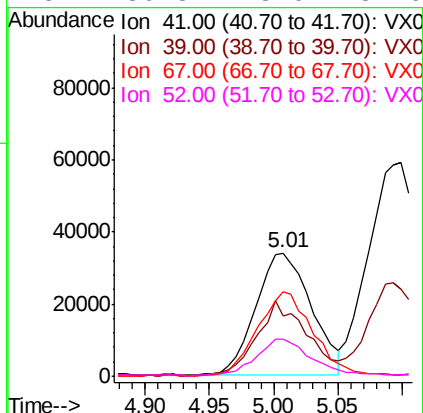
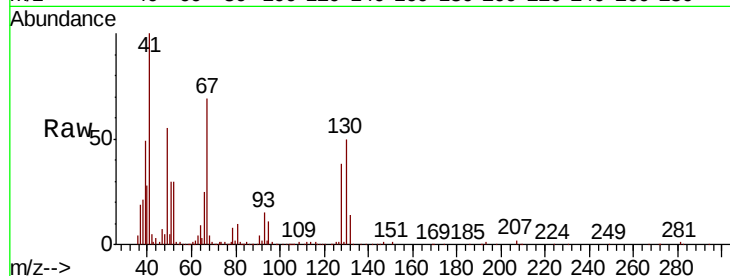




#41
Methacrylonitrile
Concen: 18.889 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

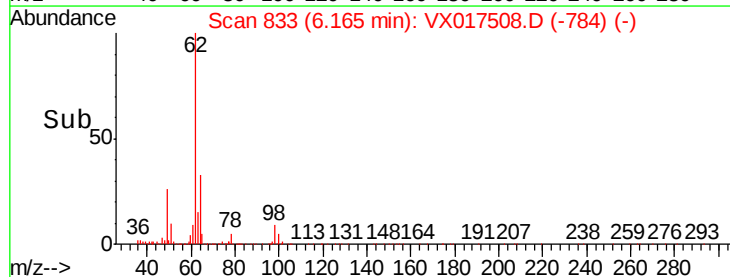
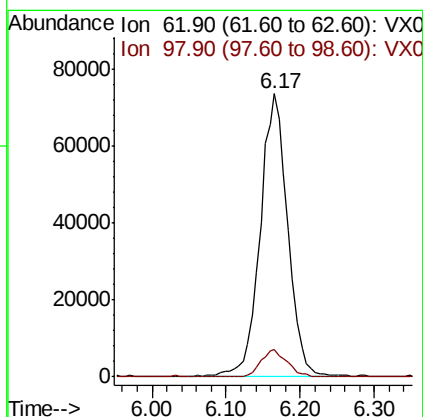
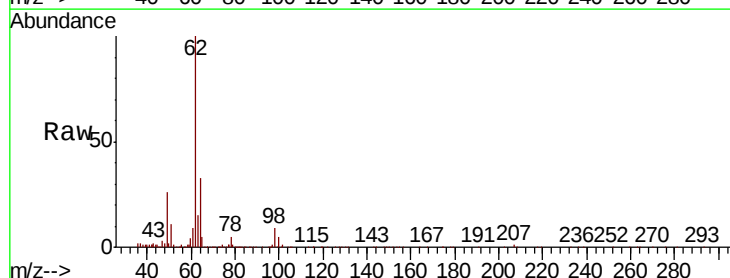
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

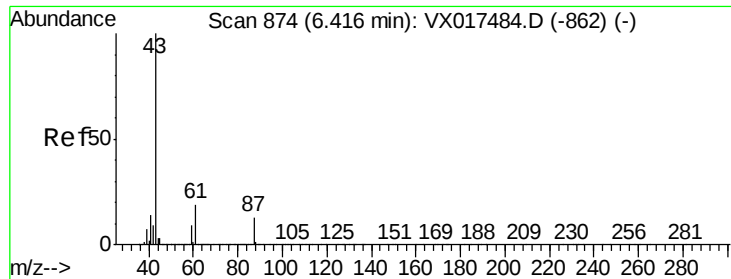
Tot Ion:	41	Resp:	101680
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.9	65.9
67	68.9	54.0	81.0
52	30.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.933 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion:	62	Resp:	190599
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.046 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

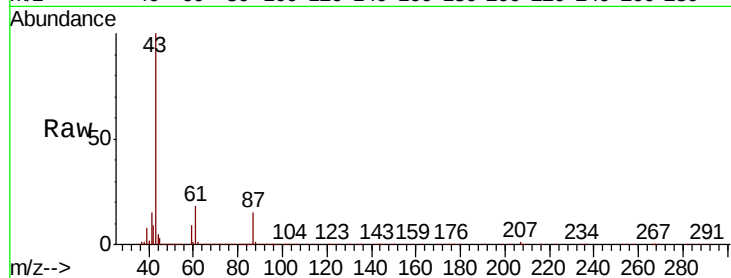
Tot Ion: 43 Resp: 295112

Ion Ratio Lower Upper

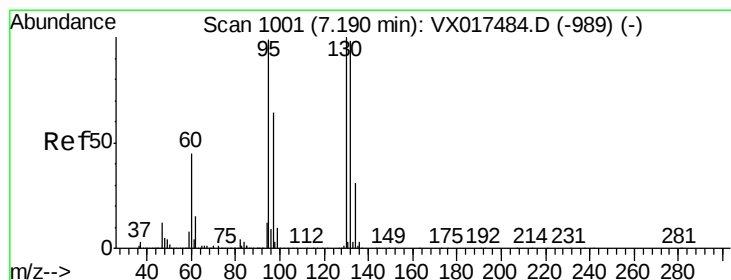
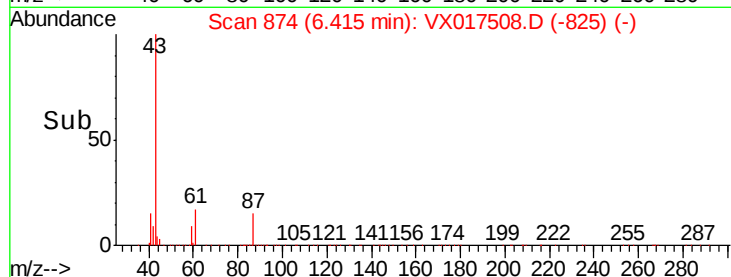
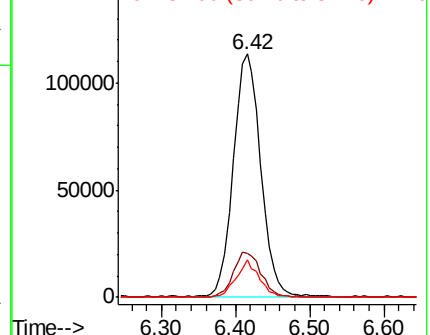
43 100

61 18.8 15.5 23.3

87 12.8 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: 17.849 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017508.D

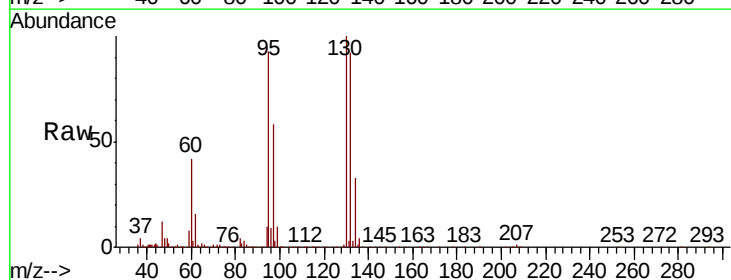
Acq: 23 Jul 2020 22:26

Tgt Ion:130 Resp: 128353

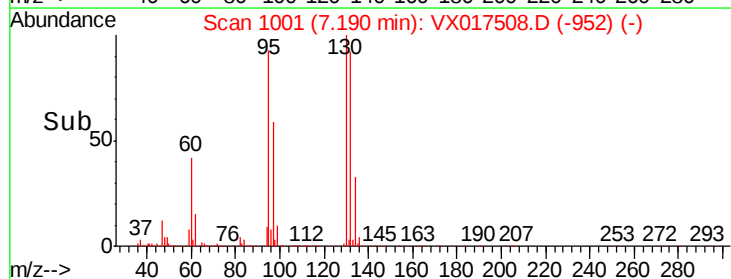
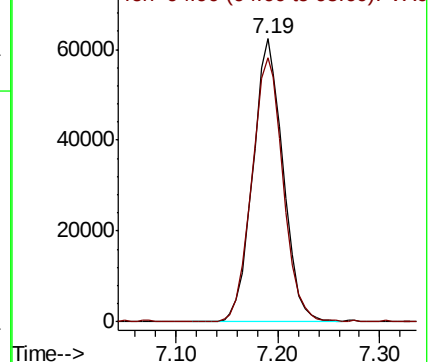
Ion Ratio Lower Upper

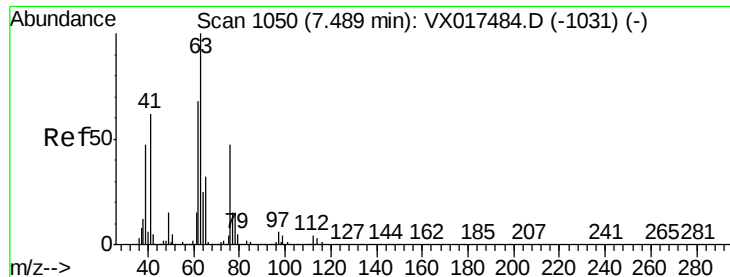
130 100

95 93.0 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: 15.835 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

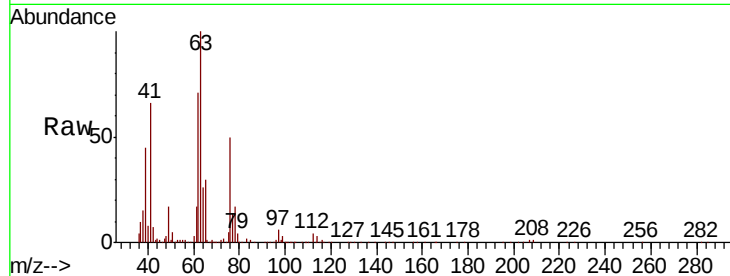
VX0723WBS02

Tot Ion: 63 Resp: 108017

Ion Ratio Lower Upper

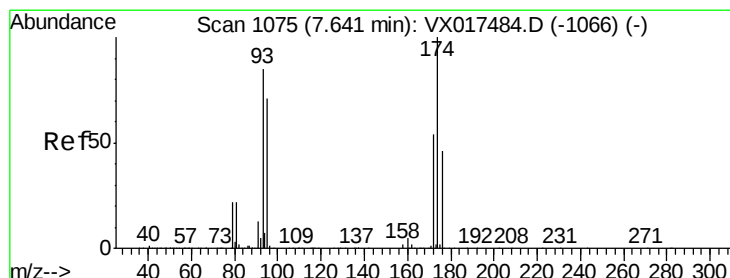
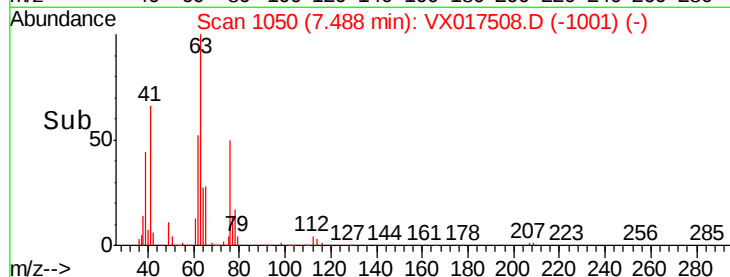
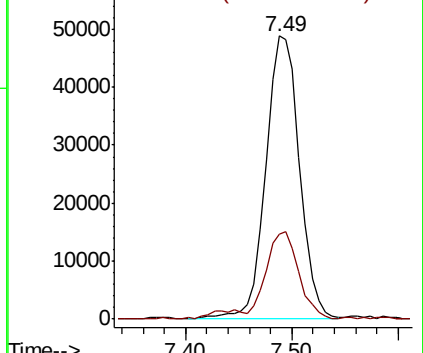
63 100

65 29.8 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: 15.857 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

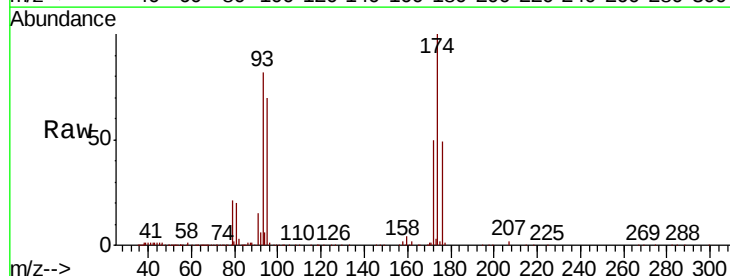
Tgt Ion: 93 Resp: 76445

Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

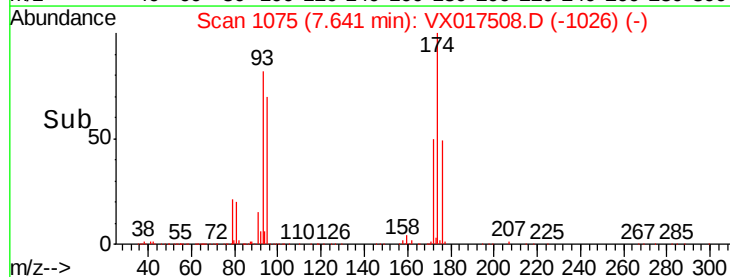
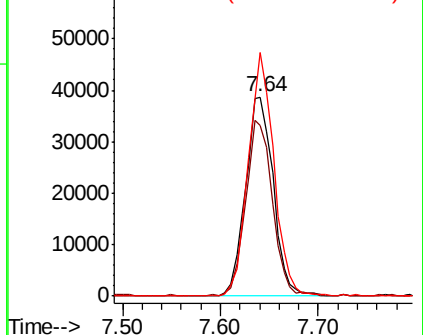
174 112.8 87.0 130.6

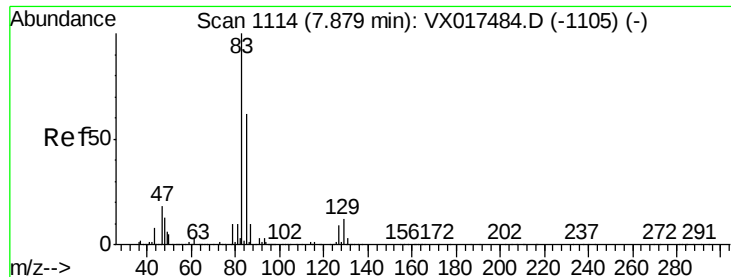


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.733 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

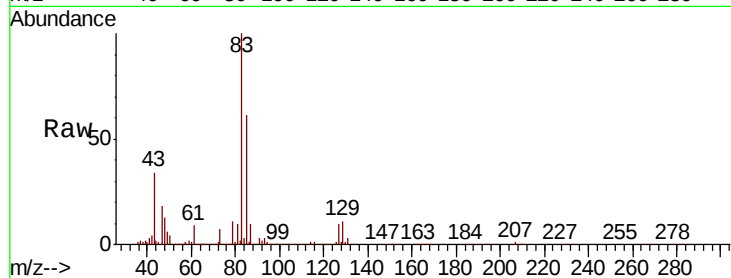
Tot Ion: 83 Resp: 162313

Ion Ratio Lower Upper

83 100

85 61.1 51.8 77.8

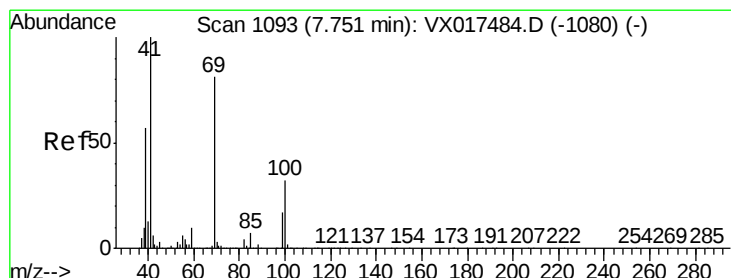
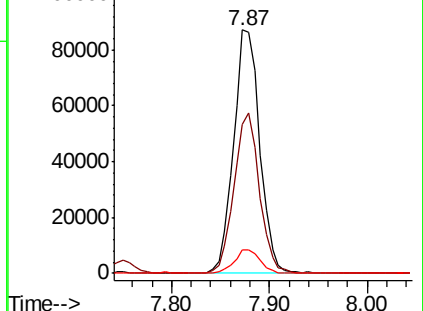
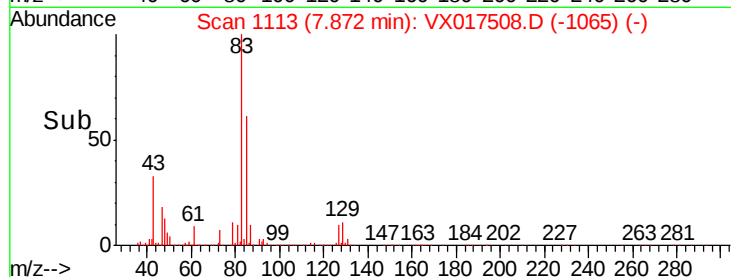
127 9.7 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.180 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

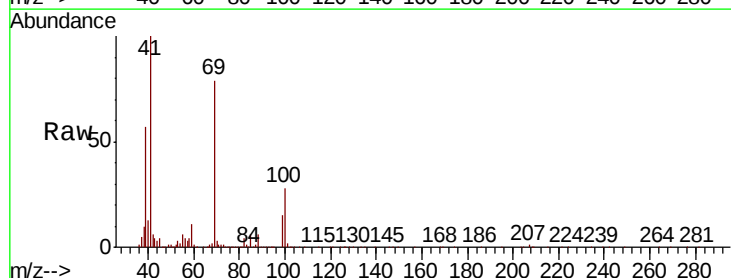
Tgt Ion: 41 Resp: 124271

Ion Ratio Lower Upper

41 100

69 83.7 63.1 94.7

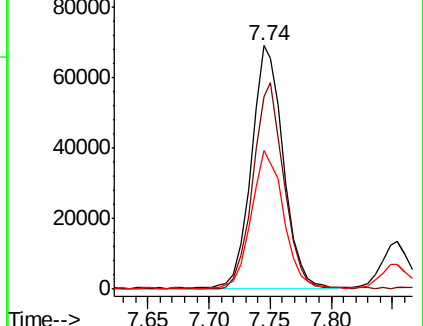
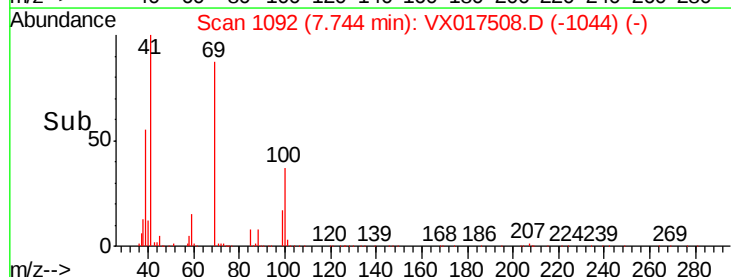
39 59.0 45.1 67.7

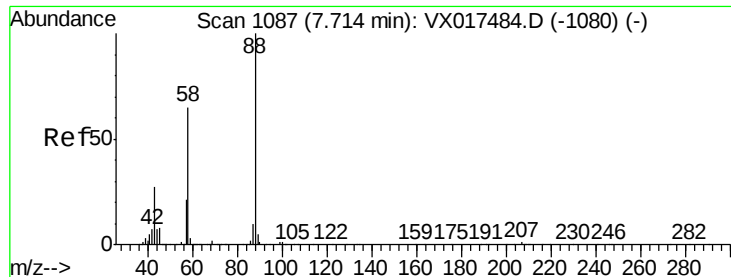


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 380.961 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

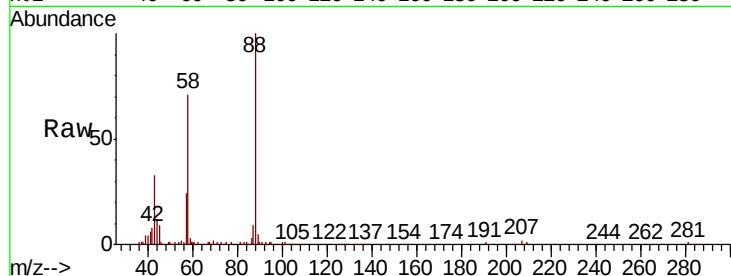
Tot Ion: 88 Resp: 56099

Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.8	41.6
58	70.8	58.3	87.5

88 100

43 33.5 27.8 41.6

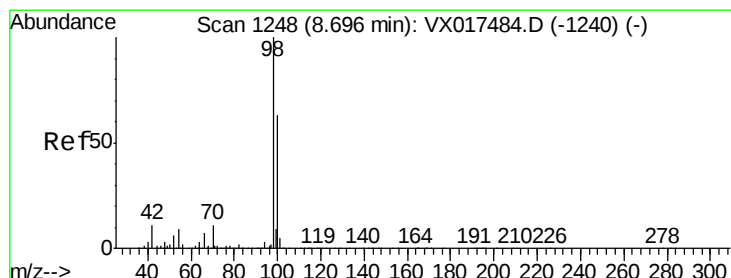
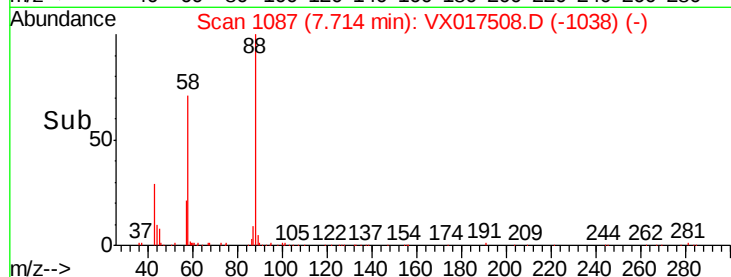
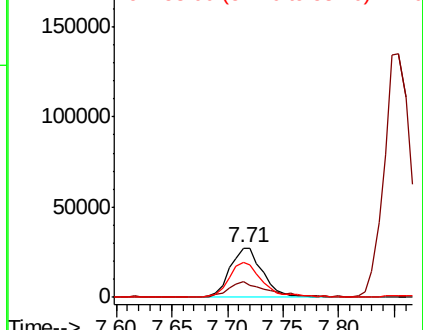
58 70.8 58.3 87.5



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: 43.372 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017508.D

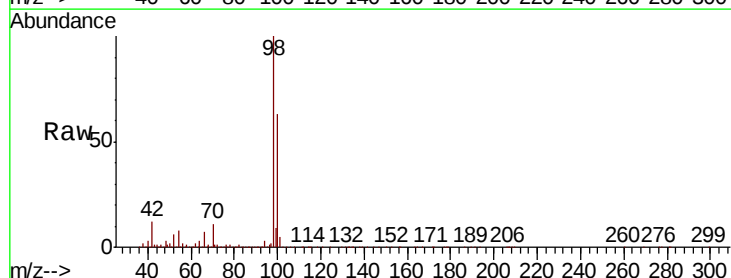
Acq: 23 Jul 2020 22:26

Tgt Ion: 98 Resp: 936471

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5

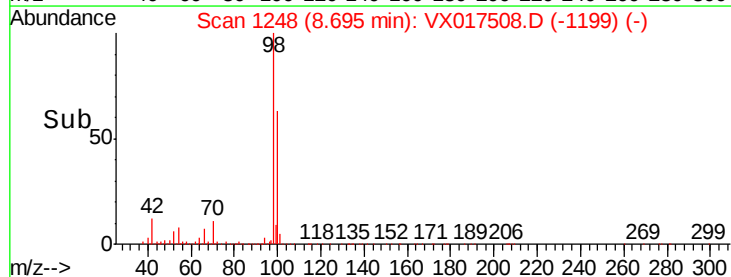
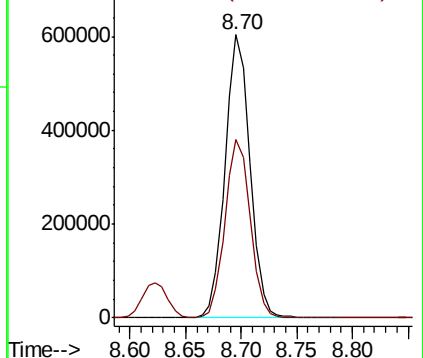
98 100

100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 87.208 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

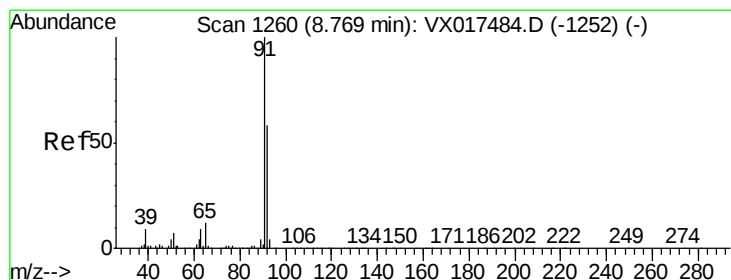
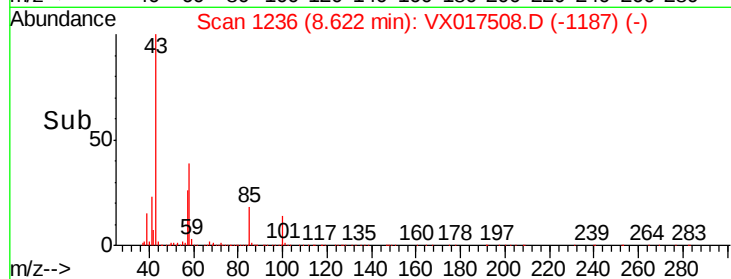
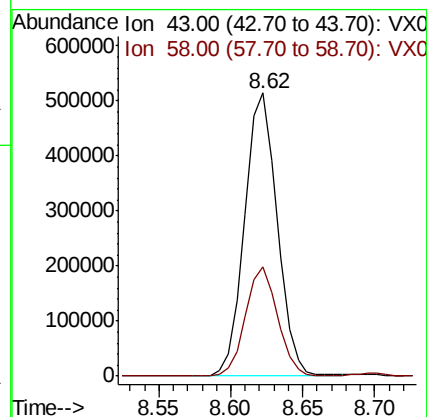
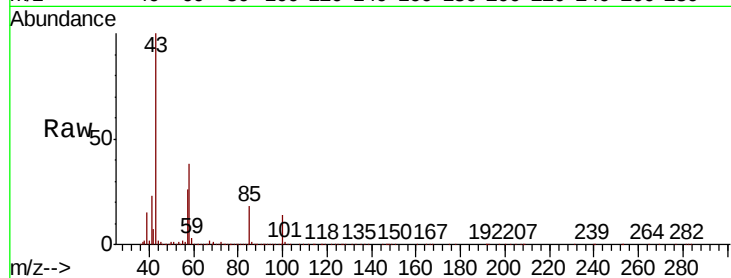
VX0723WBS02

Tot Ion: 43 Resp: 806252

Ion Ratio Lower Upper

43 100

58 37.8 31.0 46.4



#52

Toluene

Concen: 15.507 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017508.D

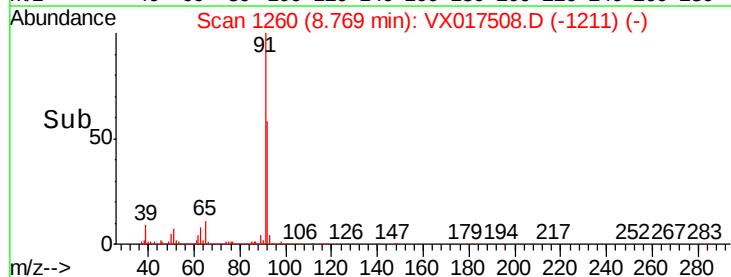
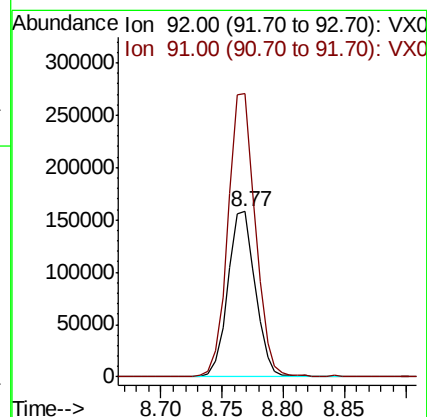
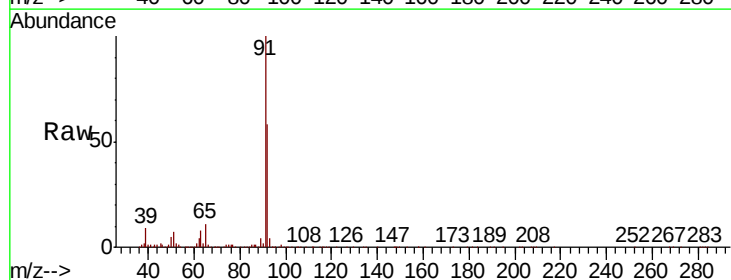
Acq: 23 Jul 2020 22:26

Tgt Ion: 92 Resp: 244721

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 15.685 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampled :

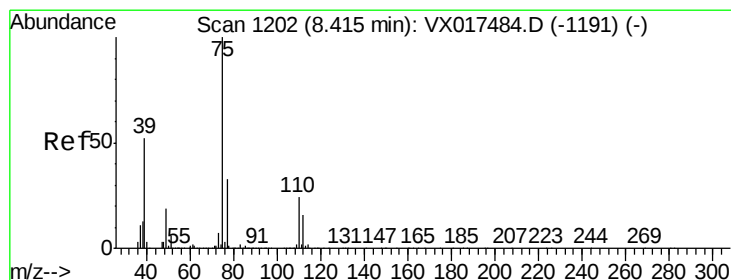
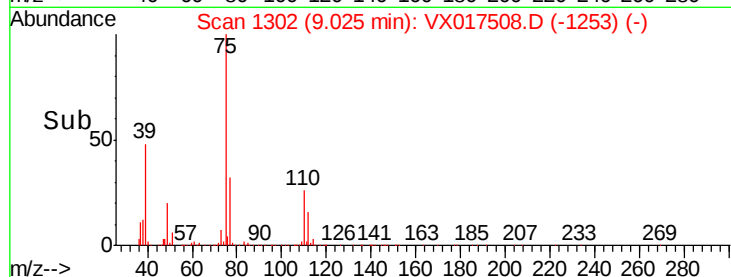
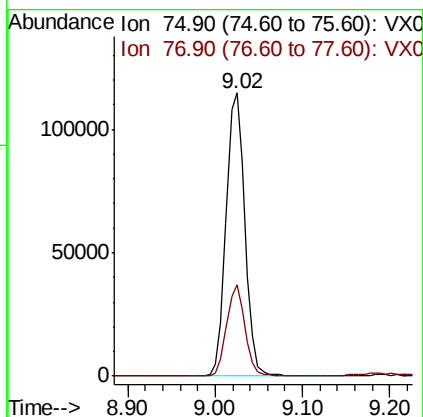
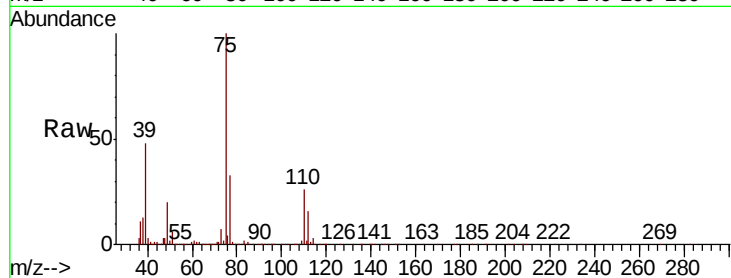
VX0723WBS02

Tot Ion: 75 Resp: 170319

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 15.814 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

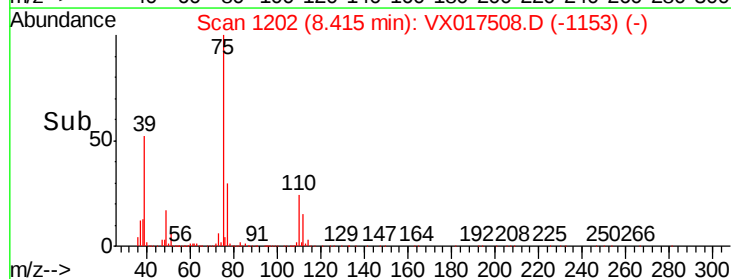
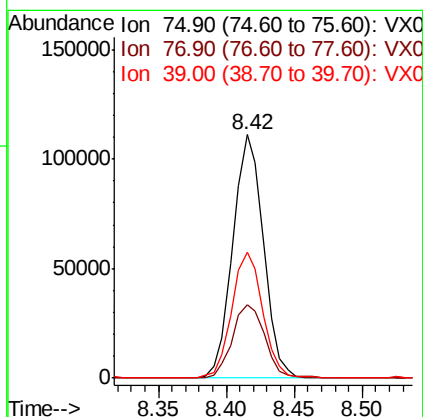
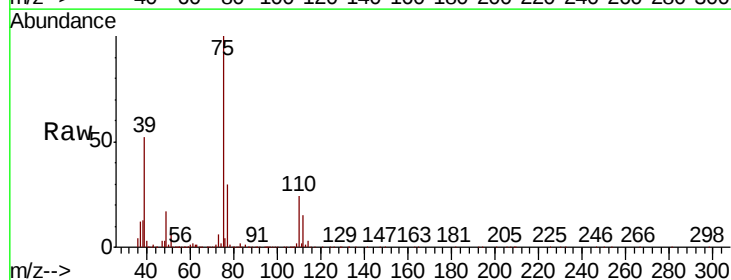
Tgt Ion: 75 Resp: 175155

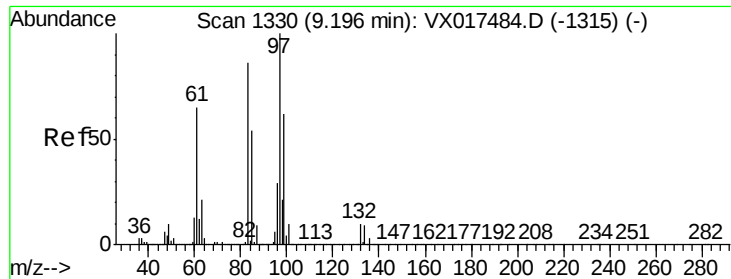
Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3

39 51.8 41.8 62.8

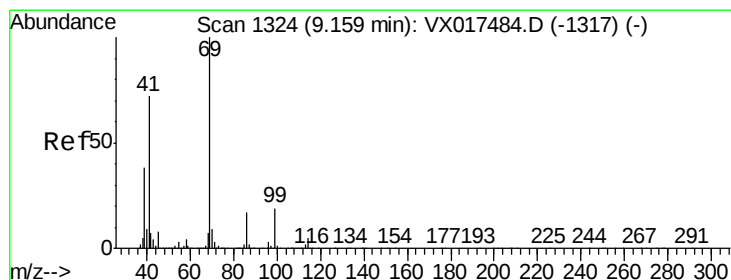
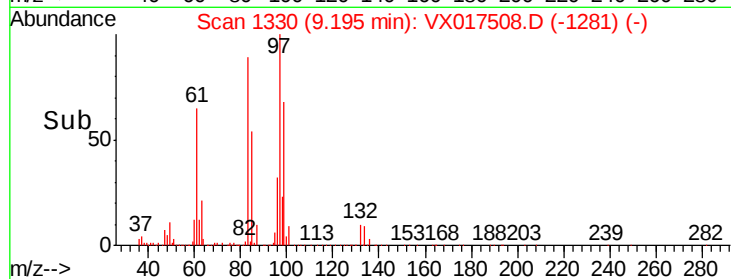
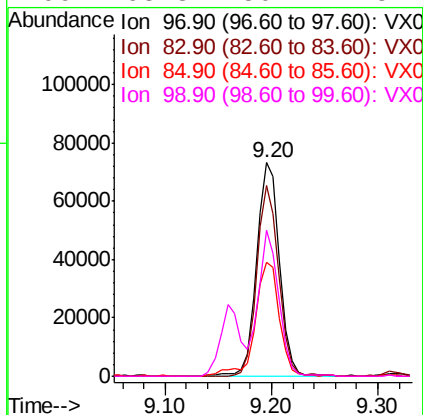
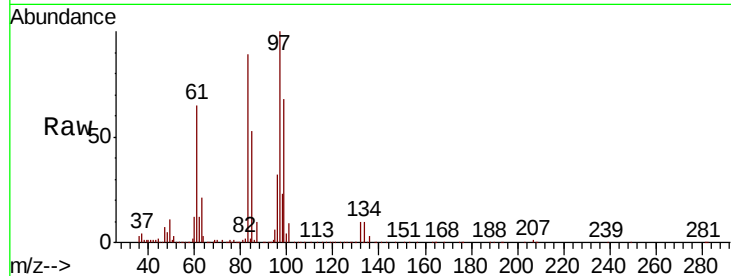




#55
 1,1,2-Trichloroethane
 Concen: 16.784 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

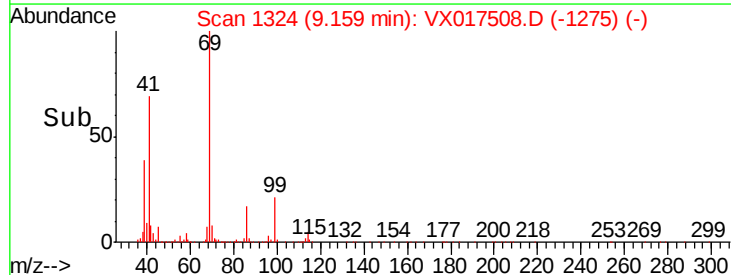
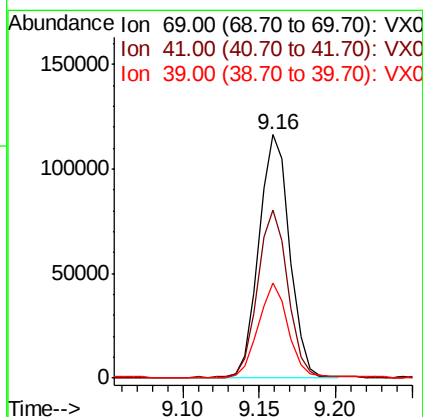
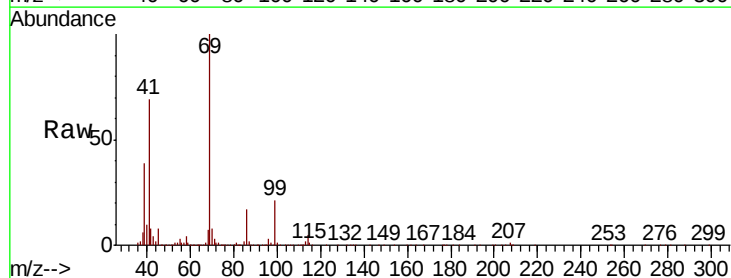
Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBS02

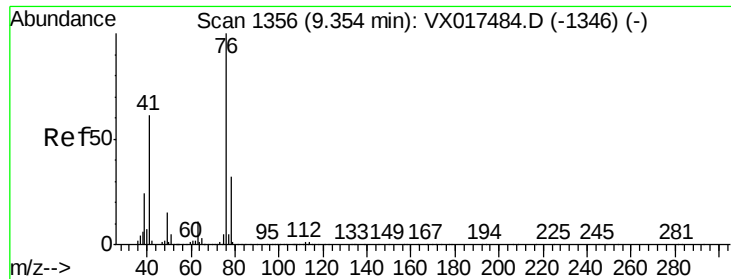
Tot Ion:	97	Resp:	110338
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.6	101.4
85	53.4	44.6	67.0
99	68.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 16.548 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion:	69	Resp:	163900
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.0	82.6
39	38.4	30.0	45.0





#57

1,3-Dichloropropane

Concen: 16.982 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampled :

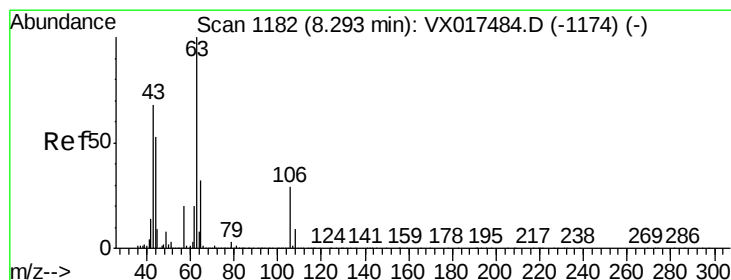
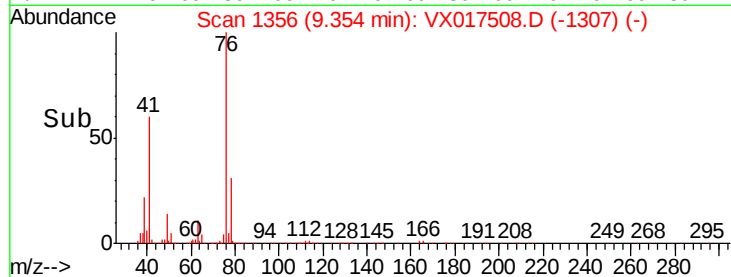
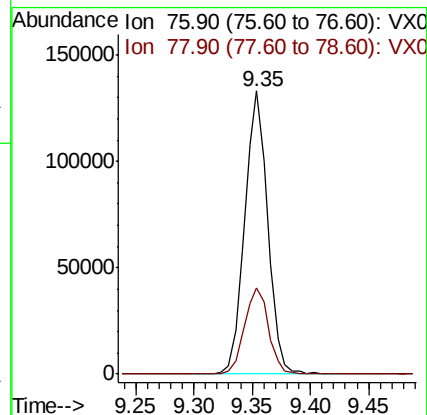
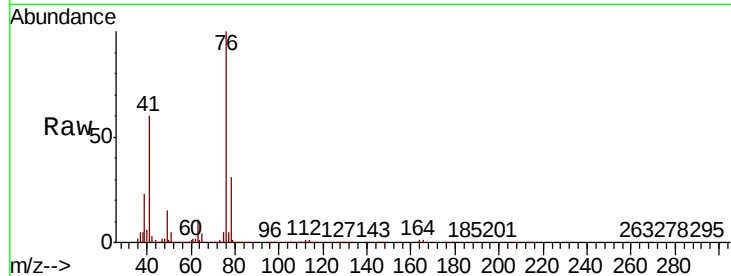
VX0723WBS02

Tot Ion: 76 Resp: 183828

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 83.451 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017508.D

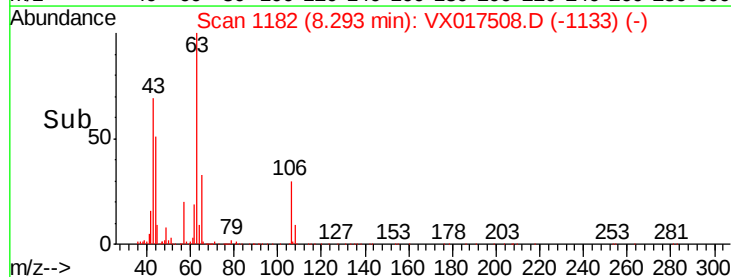
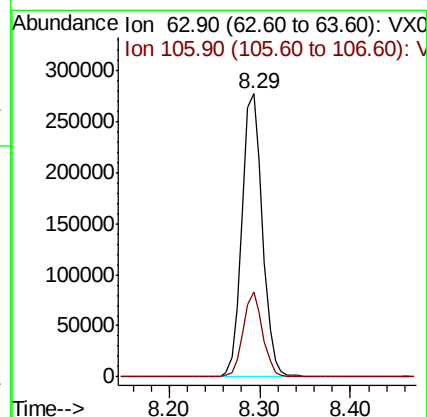
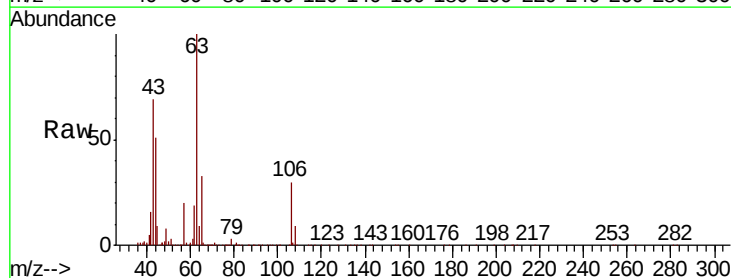
Acq: 23 Jul 2020 22:26

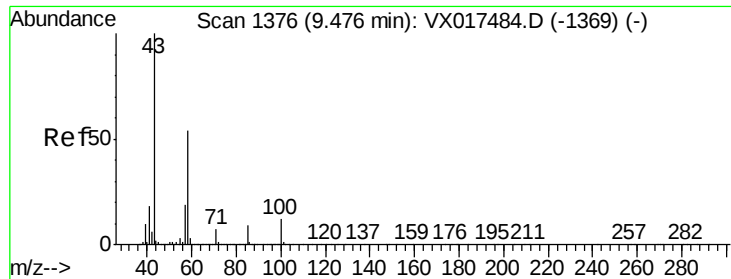
Tgt Ion: 63 Resp: 435448

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0

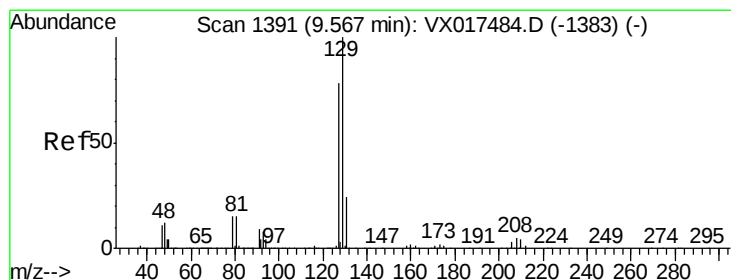
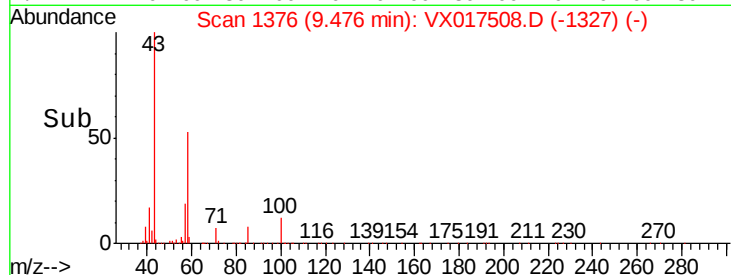
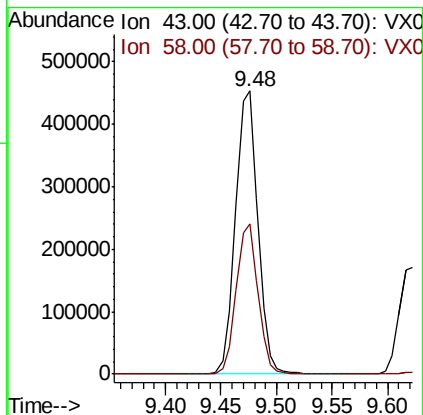
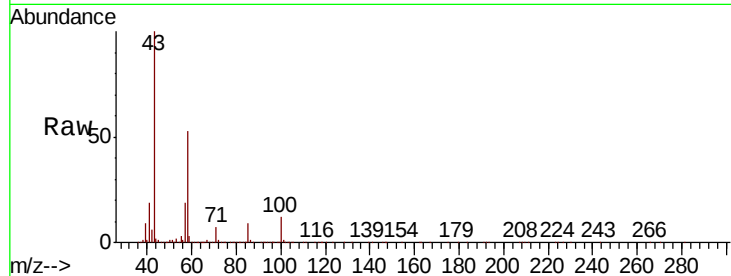




#59
2-Hexanone
Concen: 90.412 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

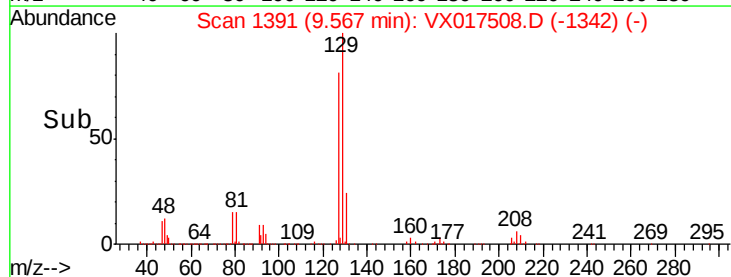
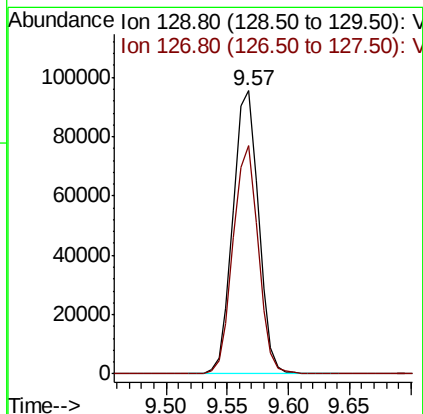
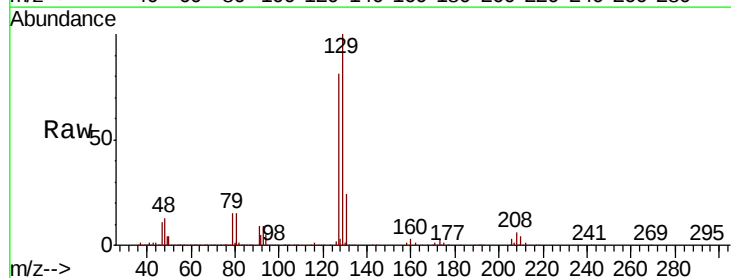
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

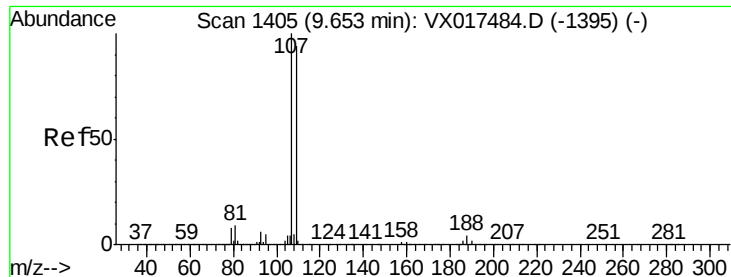
Tot Ion: 43 Resp: 629321
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8



#60
Dibromochloromethane
Concen: 16.514 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 129 Resp: 137982
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.774 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

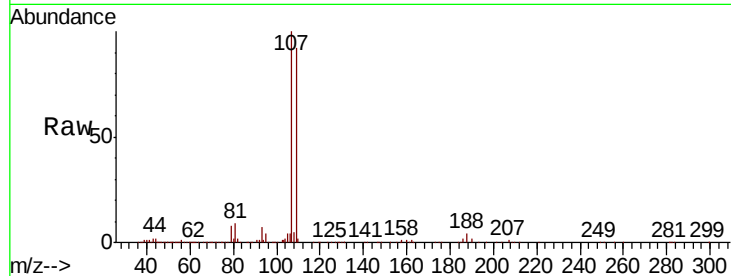
VX0723WBS02

Tot Ion: 107 Resp: 124397

Ion Ratio Lower Upper

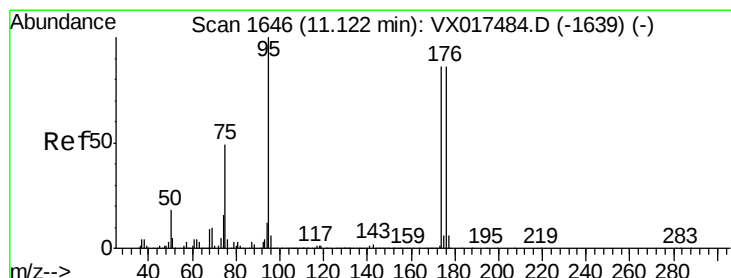
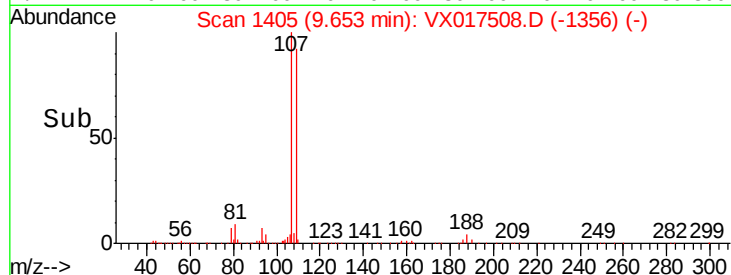
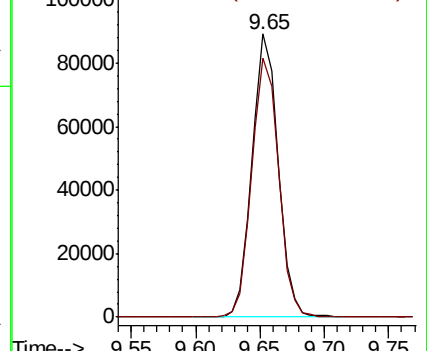
107 100

109 94.2 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: 45.765 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

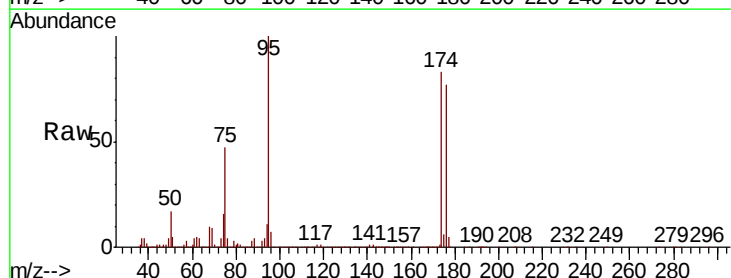
Tgt Ion: 95 Resp: 395457

Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.0

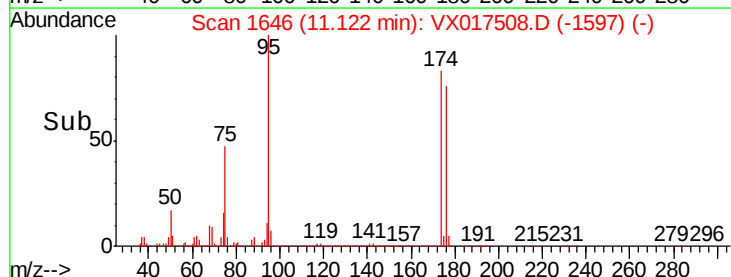
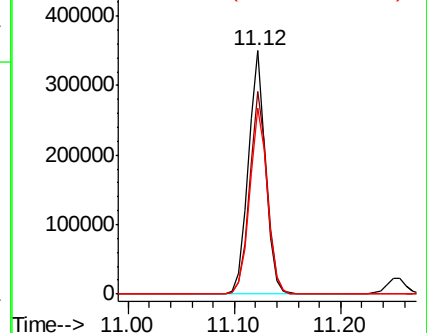
176 79.3 0.0 161.0

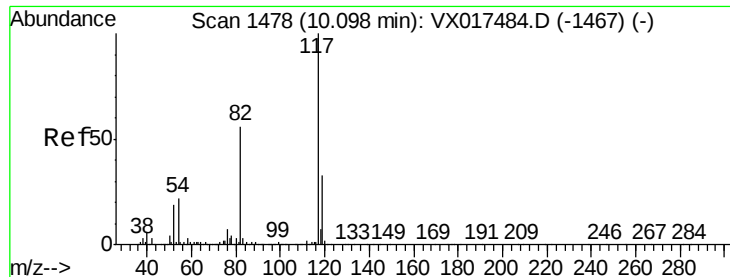


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

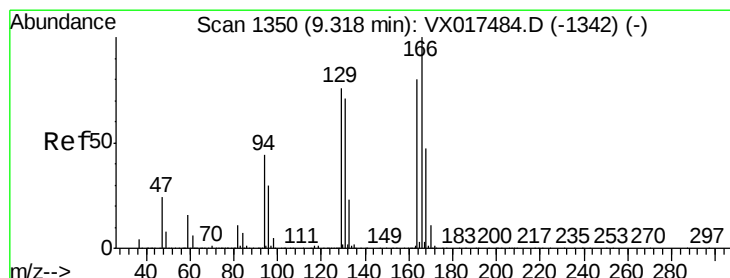
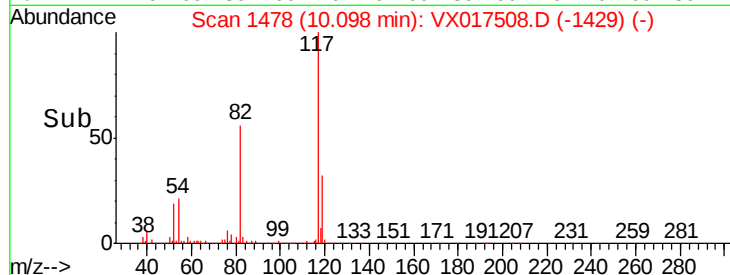
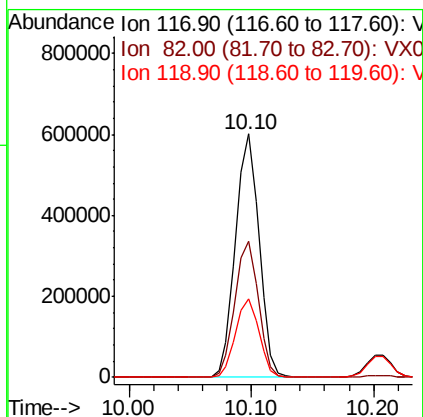
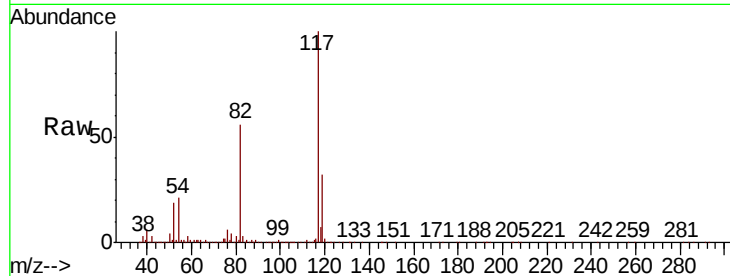




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

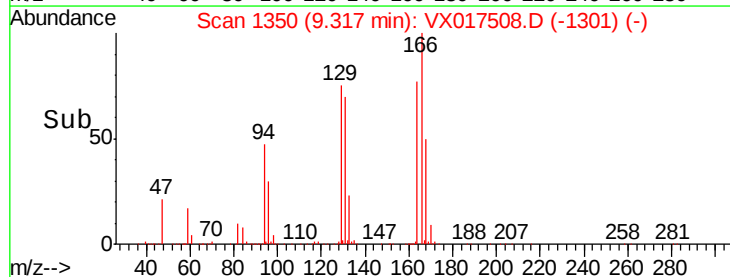
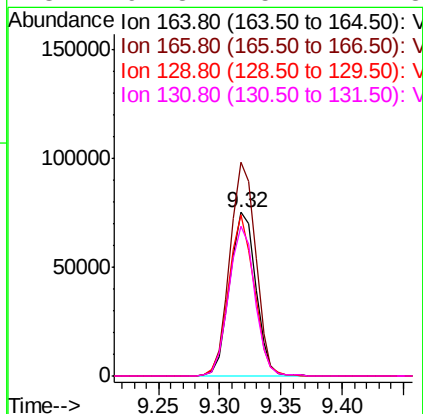
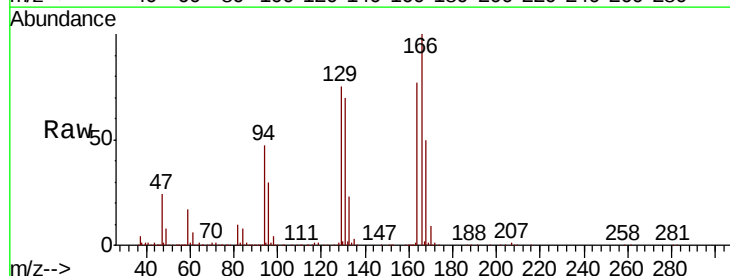
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:117 Resp: 803274
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 15.417 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion:164 Resp: 111153
Ion Ratio Lower Upper
164 100
166 130.4 100.6 150.8
129 98.4 75.0 112.6
131 91.8 75.2 112.8

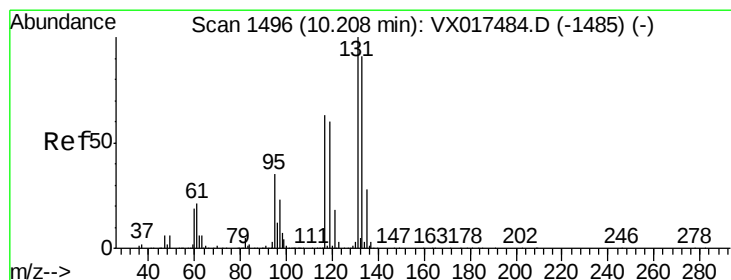
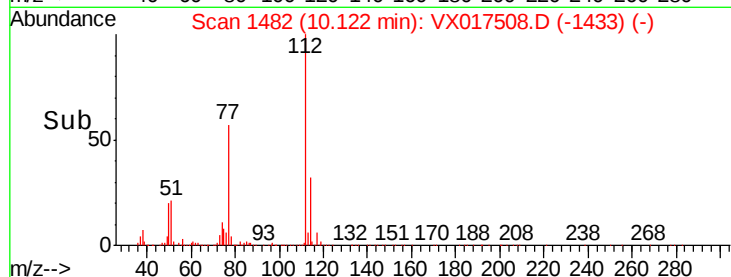
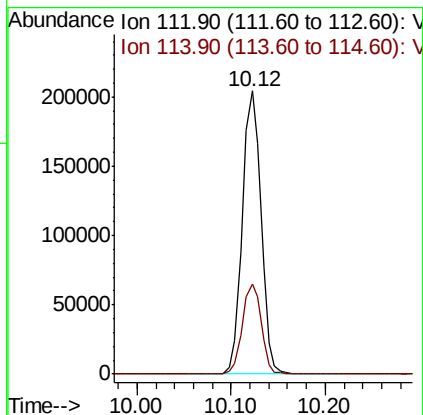
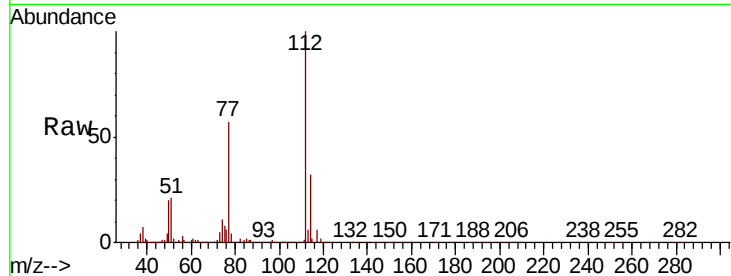




#65
Chlorobenzene
Concen: 16.324 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

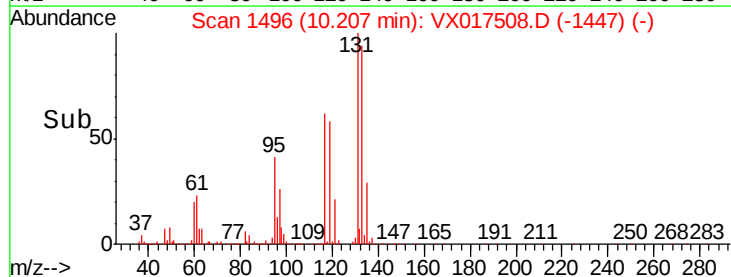
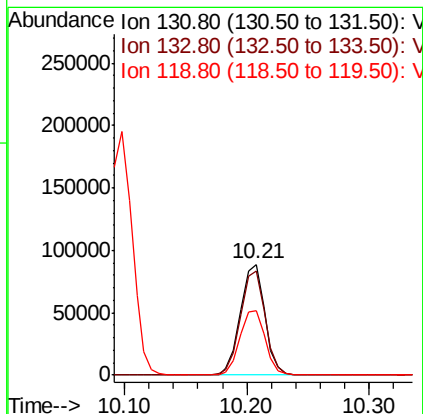
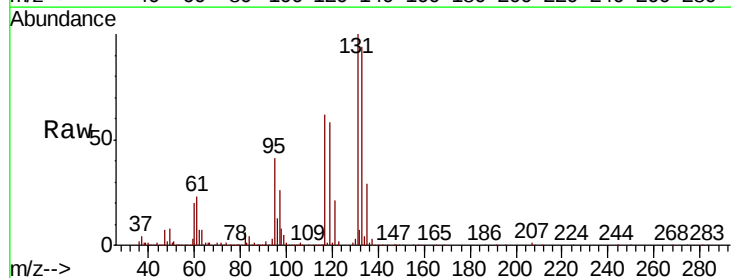
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

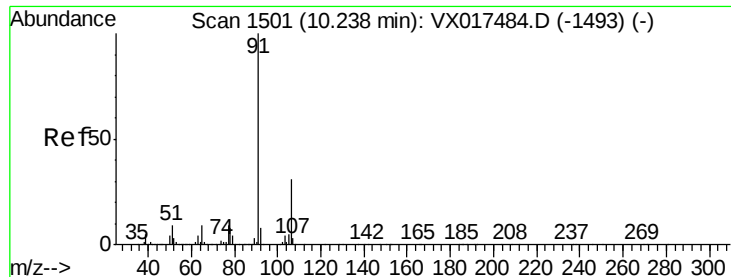
Tot Ion:112 Resp: 283832
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.399 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion:131 Resp: 122089
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 60.2 31.1 93.3





#67

Ethyl Benzene

Concen: 16.567 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

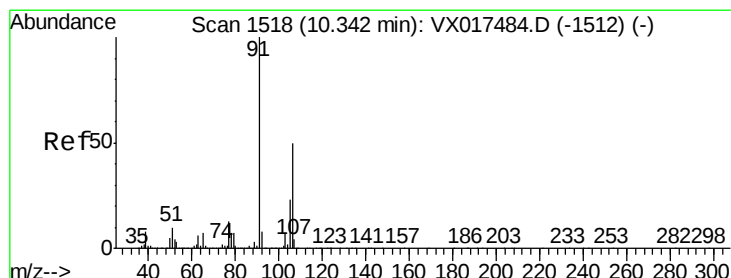
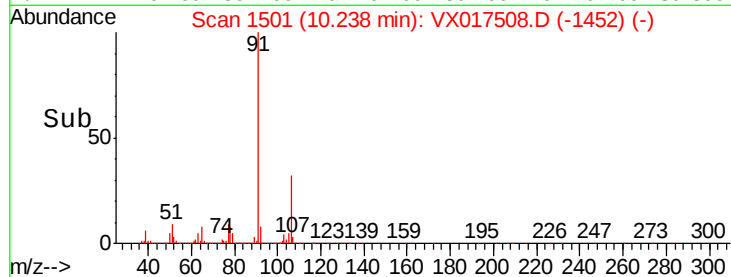
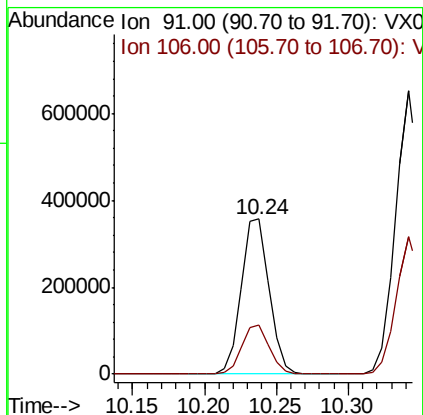
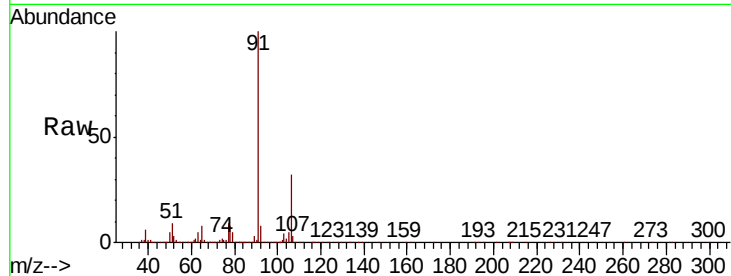
VX0723WBS02

Tot Ion: 91 Resp: 480848

Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.6



#68

m/p-Xylenes

Concen: 36.090 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017508.D

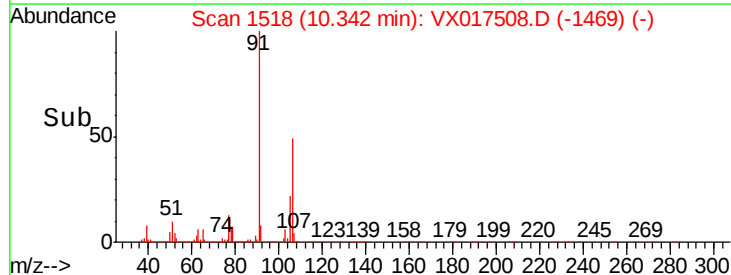
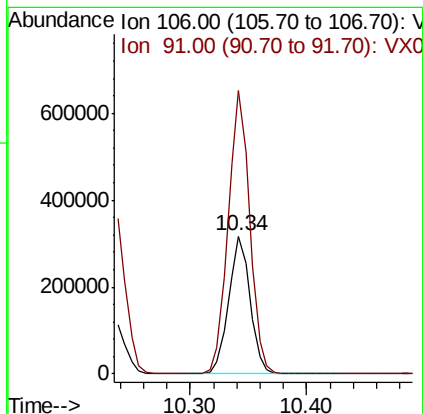
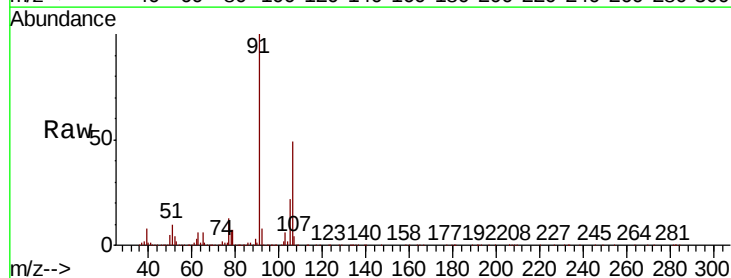
Acq: 23 Jul 2020 22:26

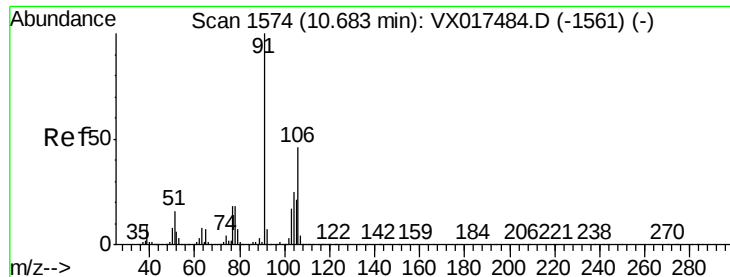
Tgt Ion: 106 Resp: 405790

Ion Ratio Lower Upper

106 100

91 206.7 160.9 241.3

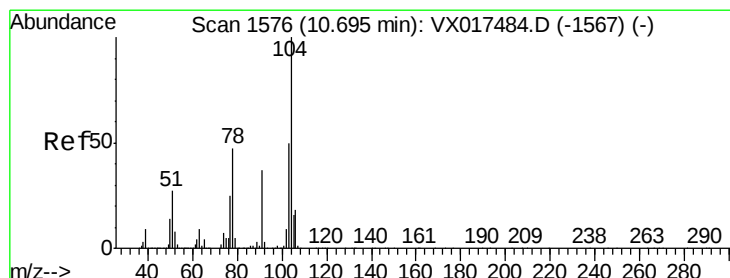
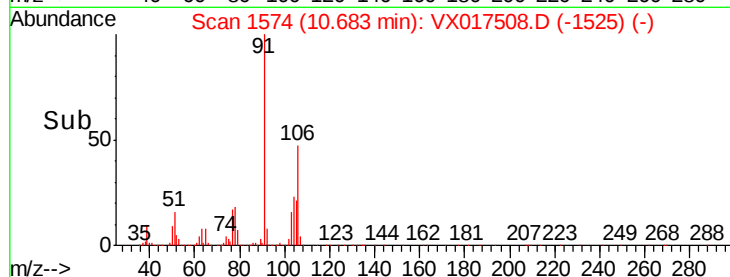
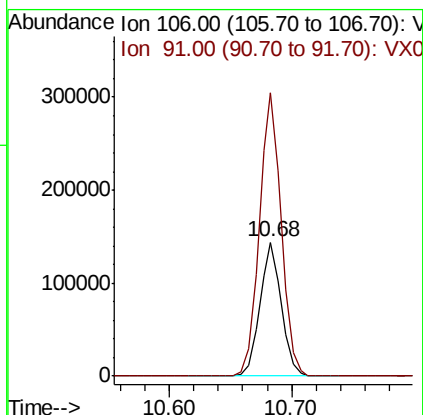
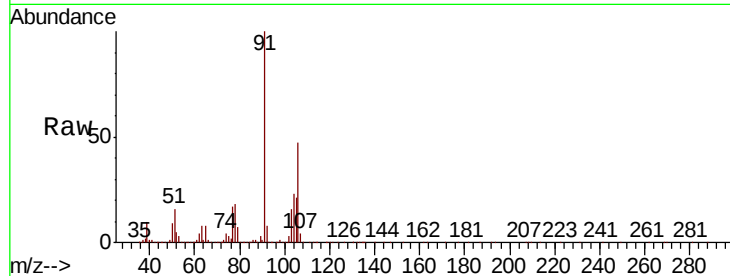




#69
o-Xylene
Concen: 16.246 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

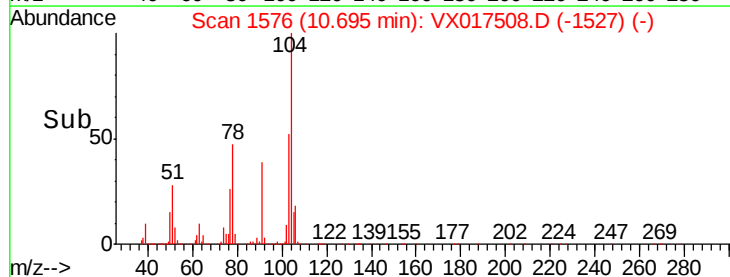
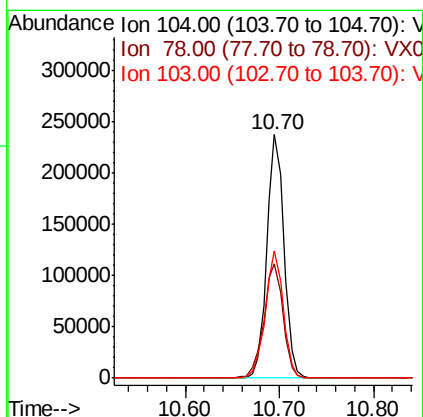
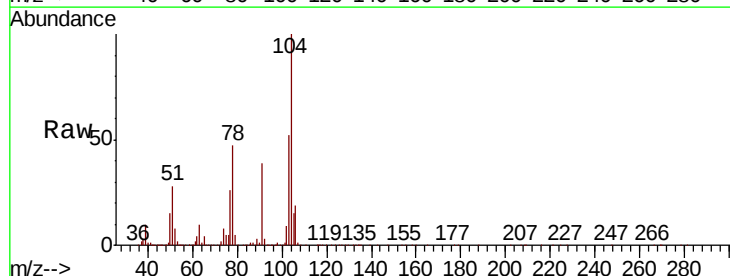
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:106 Resp: 175688
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 16.683 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion:104 Resp: 306940
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 17.659 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampled :

VX0723WBS02

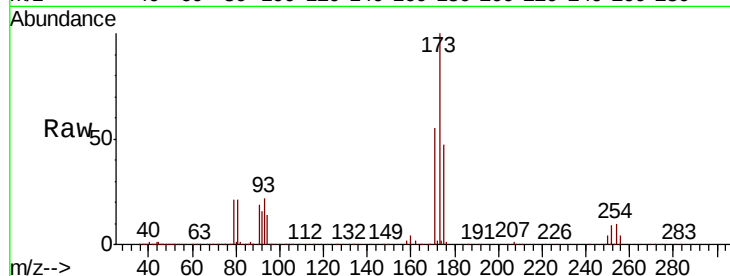
Tot Ion:173 Resp: 107358

Ion Ratio Lower Upper

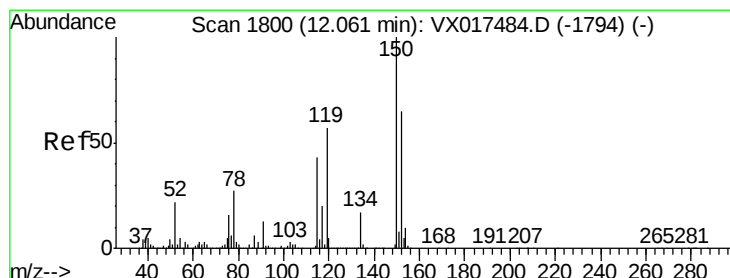
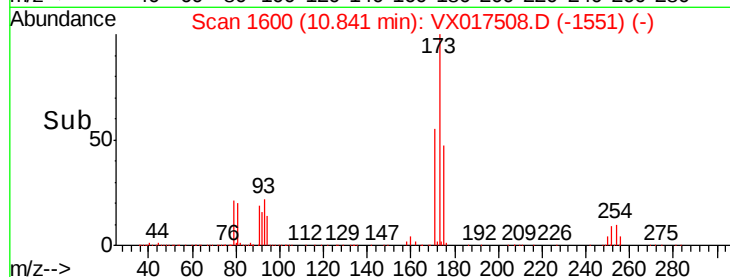
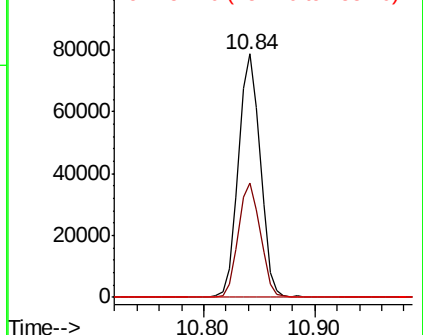
173 100

175 47.5 23.8 71.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

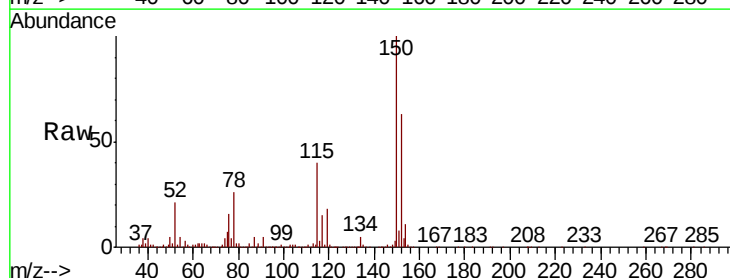
Tgt Ion:152 Resp: 419544

Ion Ratio Lower Upper

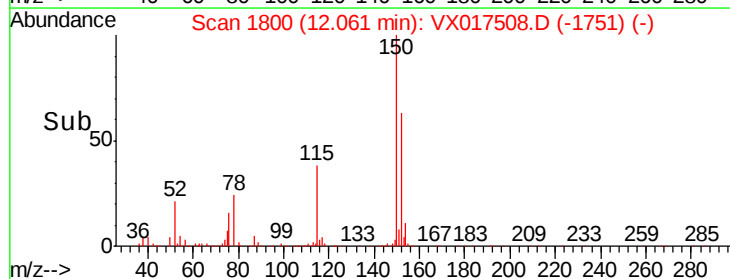
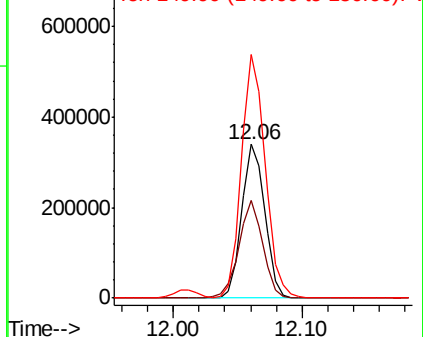
152 100

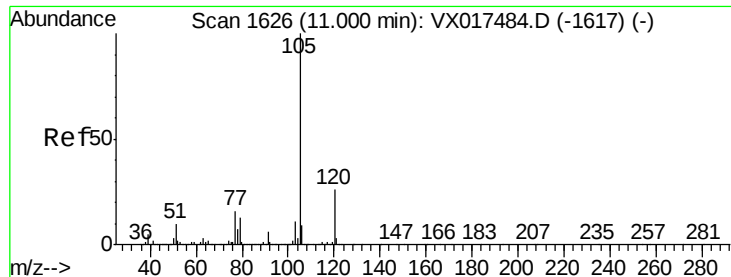
115 66.2 65.5 196.6

150 162.9 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.392 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

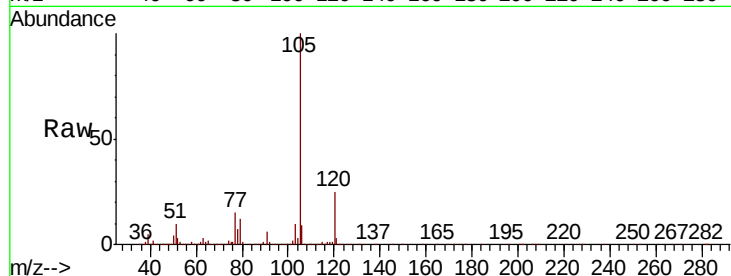
VX0723WBS02

Tot Ion:105 Resp: 471798

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

300000

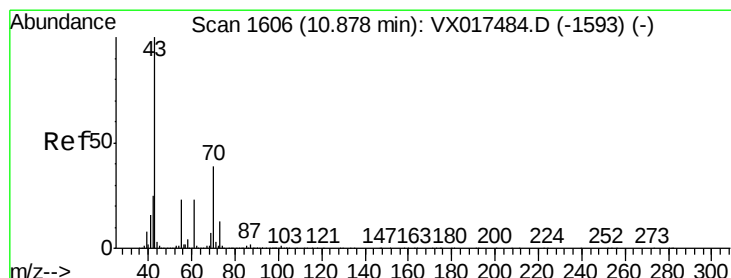
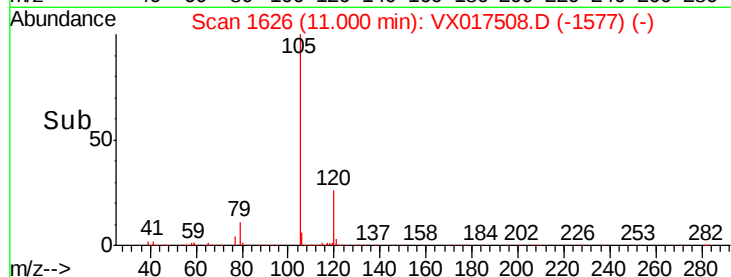
200000

100000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 17.768 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion: 43 Resp: 227217

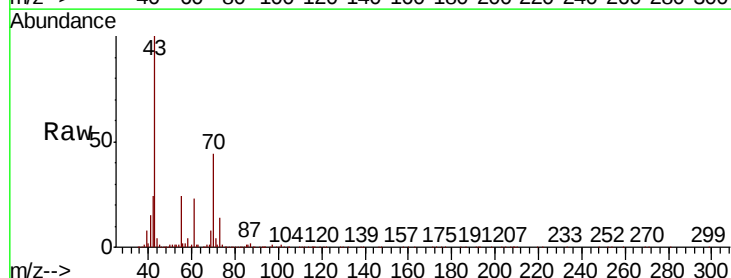
Ion Ratio Lower Upper

43 100

70 41.7 32.3 48.5

55 24.1 18.4 27.6

61 22.8 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

250000

200000

150000

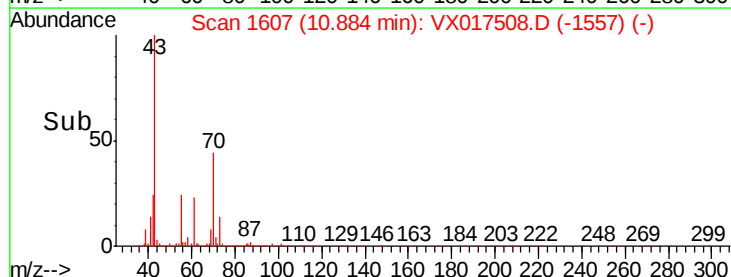
100000

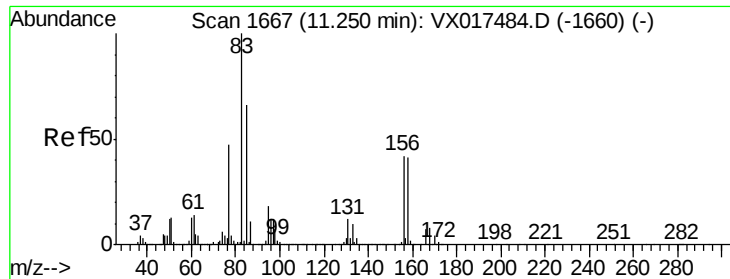
50000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 18.320 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

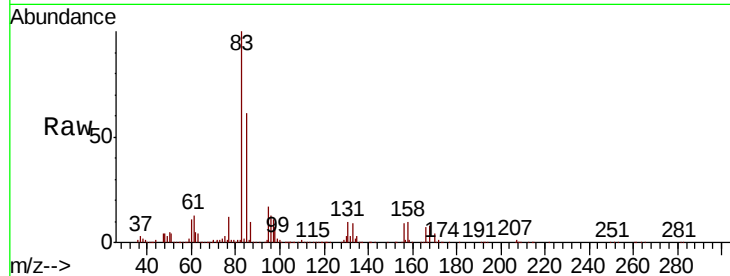
Tot Ion: 83 Resp: 164582

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

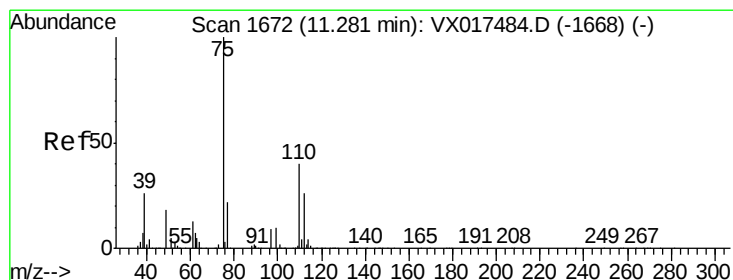
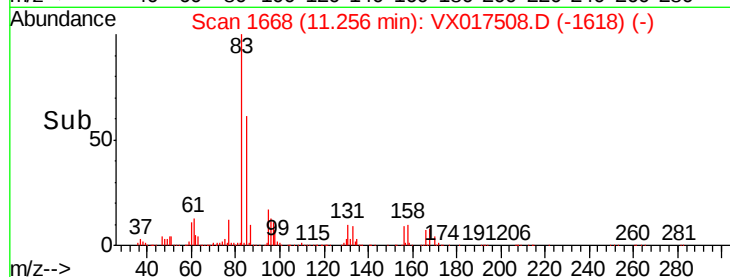
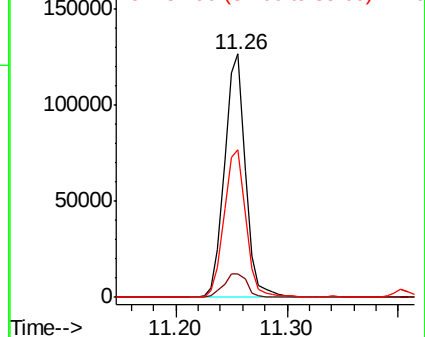
85 63.5 32.1 96.3



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: 25.857 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017508.D

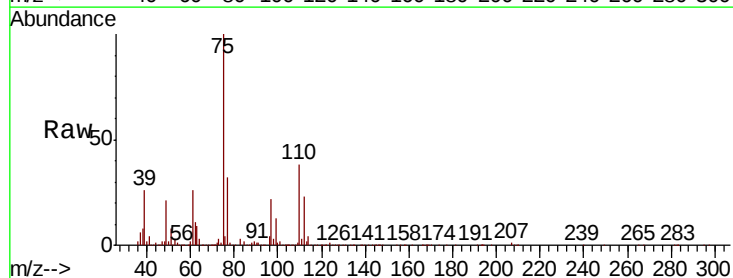
Acq: 23 Jul 2020 22:26

Tgt Ion: 75 Resp: 223155

Ion Ratio Lower Upper

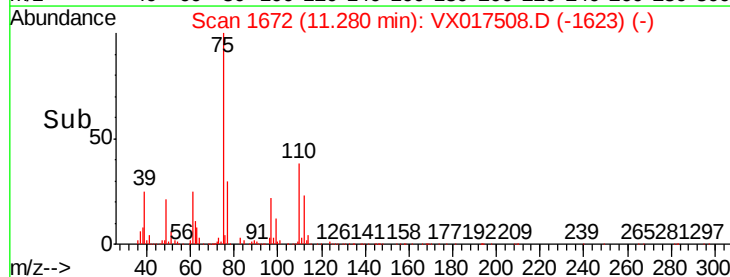
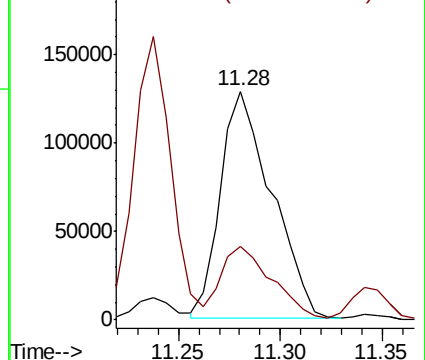
75 100

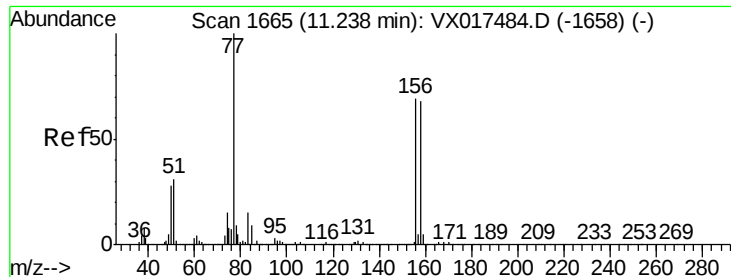
77 32.6 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.167 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

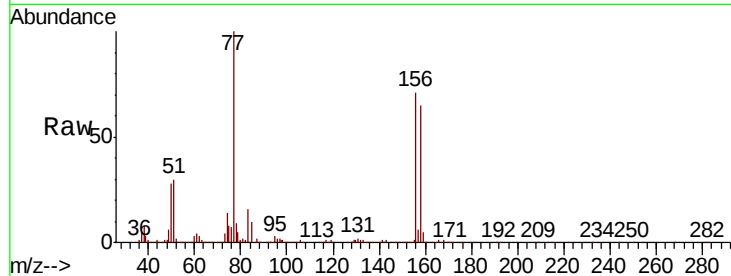
Tot Ion:156 Resp: 138323

Ion Ratio Lower Upper

156 100

77 147.1 75.0 225.0

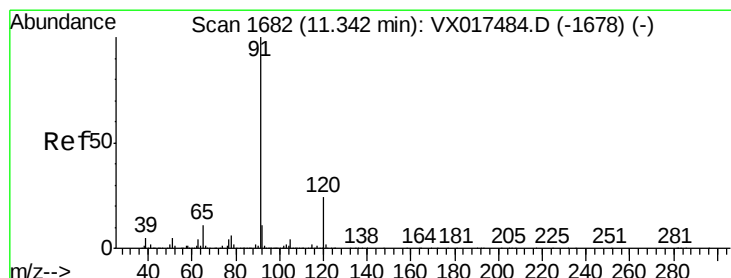
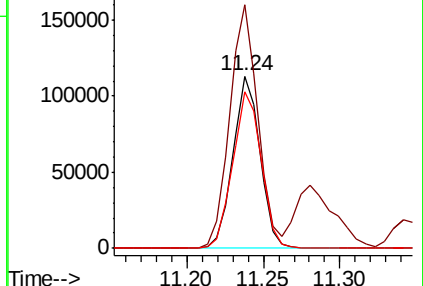
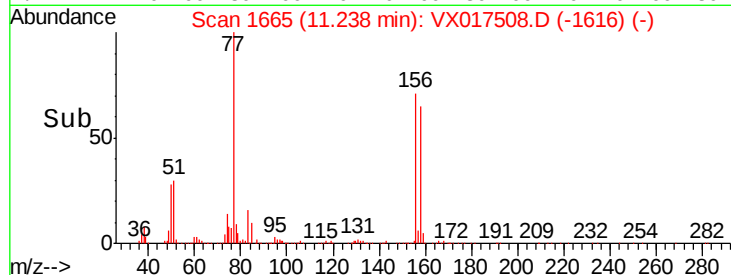
158 95.7 49.1 147.3



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: 17.429 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017508.D

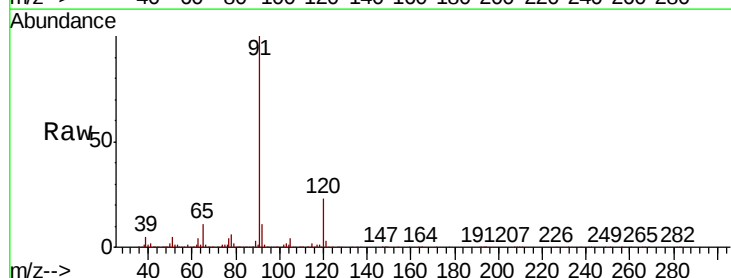
Acq: 23 Jul 2020 22:26

Tgt Ion: 91 Resp: 565754

Ion Ratio Lower Upper

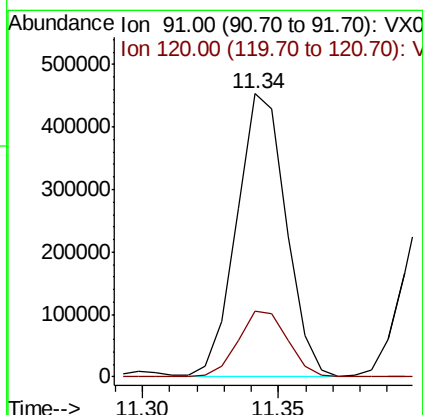
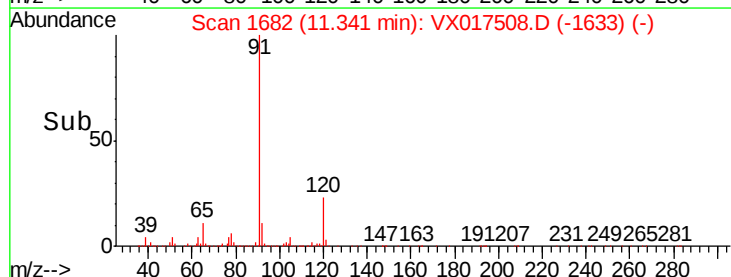
91 100

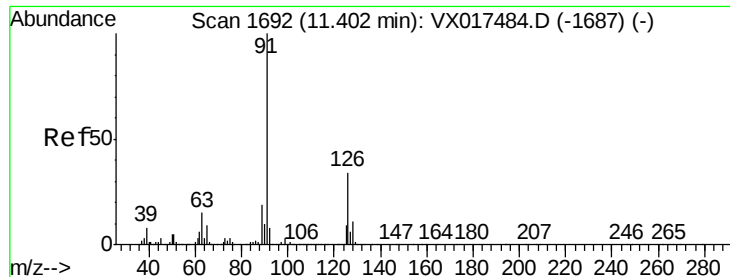
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.205 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampled :

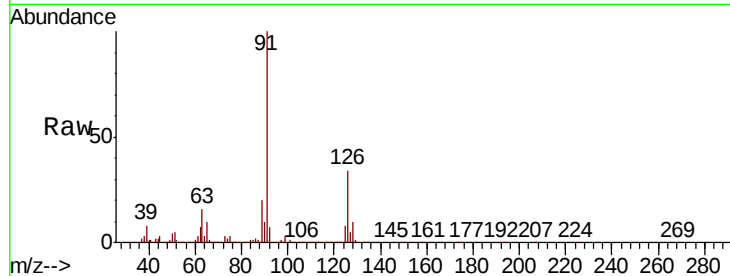
VX0723WBS02

Tot Ion: 91 Resp: 345972

Ion Ratio Lower Upper

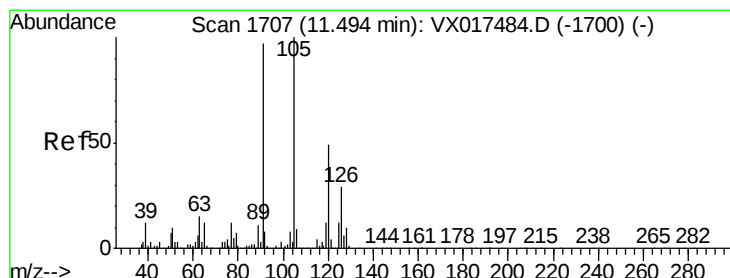
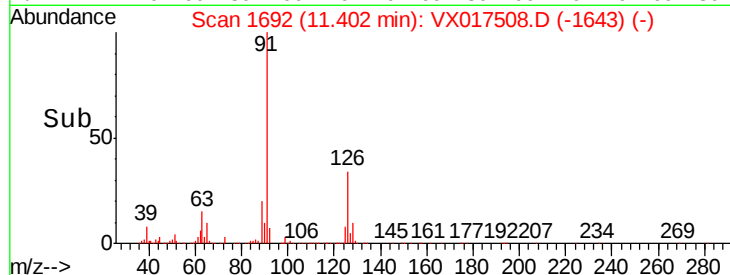
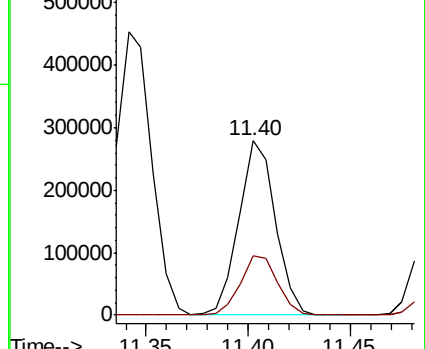
91 100

126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.879 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017508.D

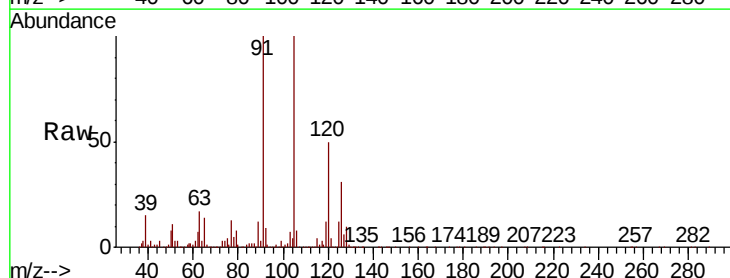
Acq: 23 Jul 2020 22:26

Tgt Ion:105 Resp: 414789

Ion Ratio Lower Upper

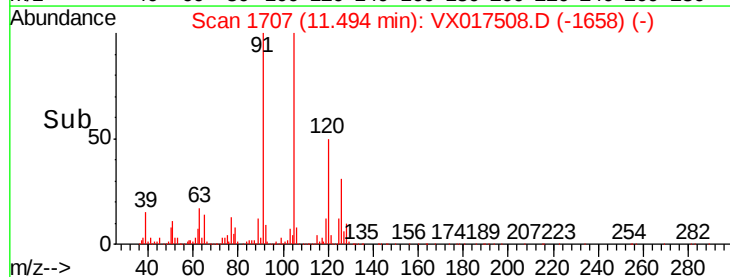
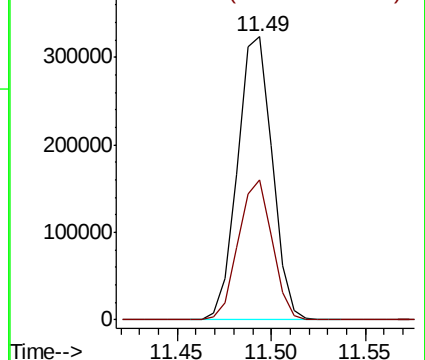
105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.670 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

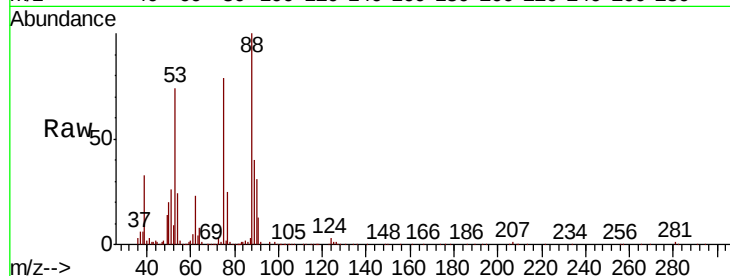
Tot Ion: 75 Resp: 53668

Ion Ratio Lower Upper

75 100

53 101.3 75.9 113.9

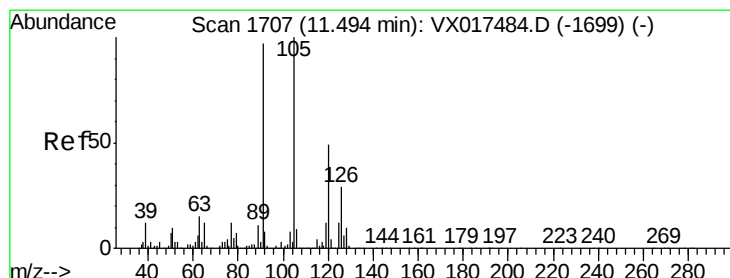
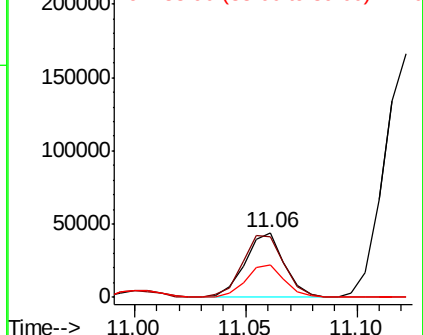
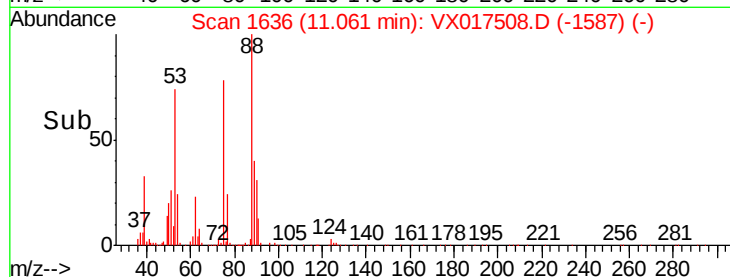
89 50.4 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.083 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017508.D

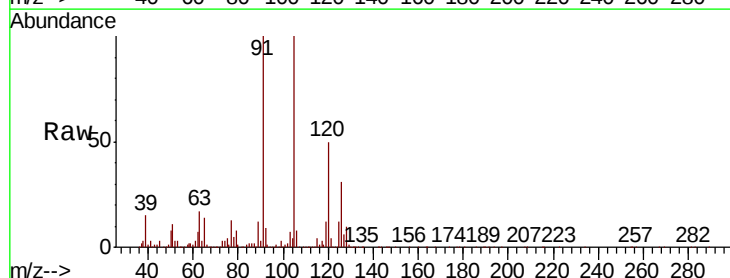
Acq: 23 Jul 2020 22:26

Tgt Ion: 91 Resp: 405213

Ion Ratio Lower Upper

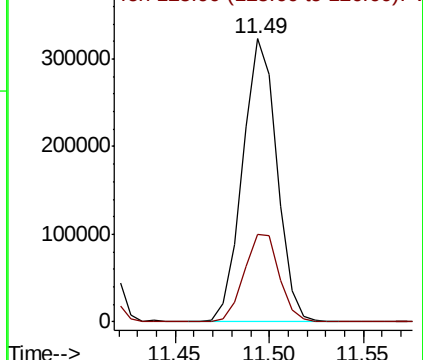
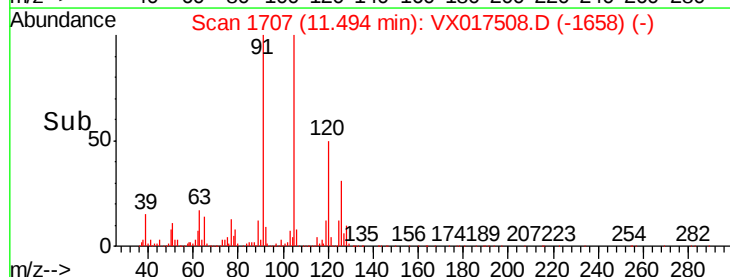
91 100

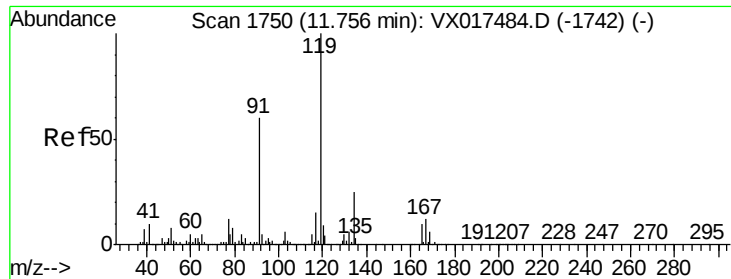
126 32.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.186 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampled :

VX0723WBS02

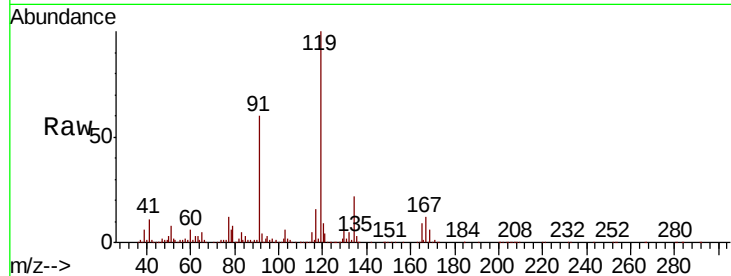
Tot Ion:119 Resp: 404115

Ion Ratio Lower Upper

119 100

91 58.5 29.3 88.0

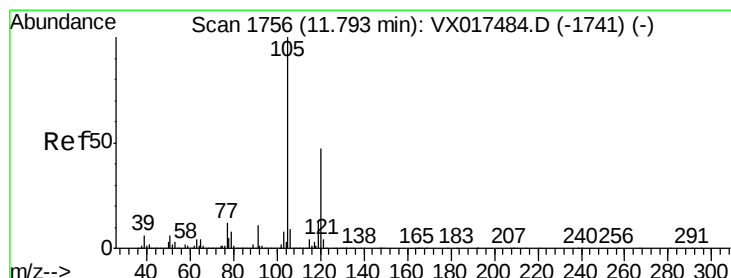
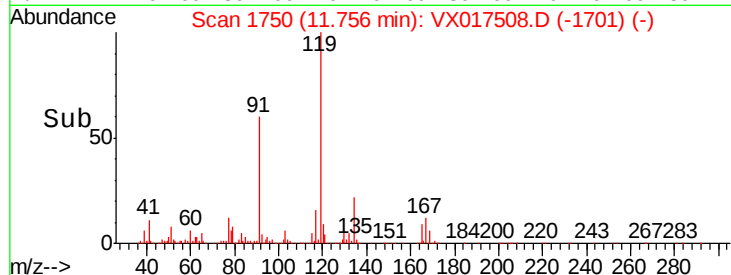
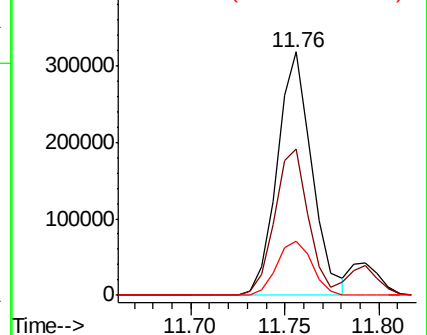
134 22.9 11.2 33.6



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: 17.604 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017508.D

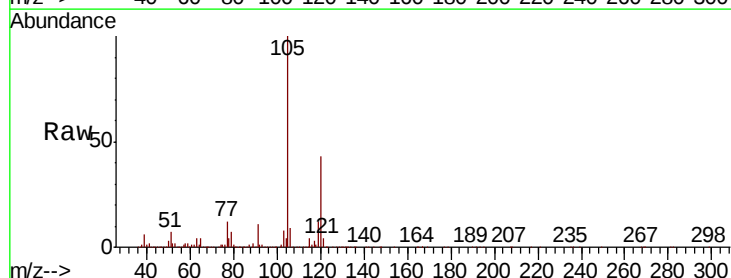
Acq: 23 Jul 2020 22:26

Tgt Ion:105 Resp: 430268

Ion Ratio Lower Upper

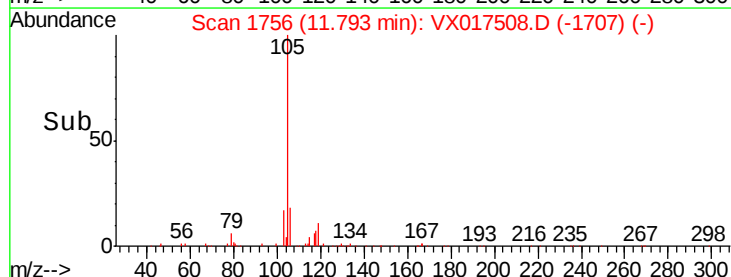
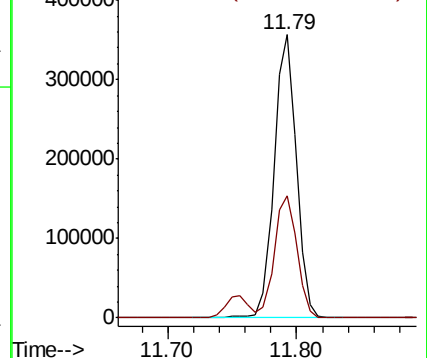
105 100

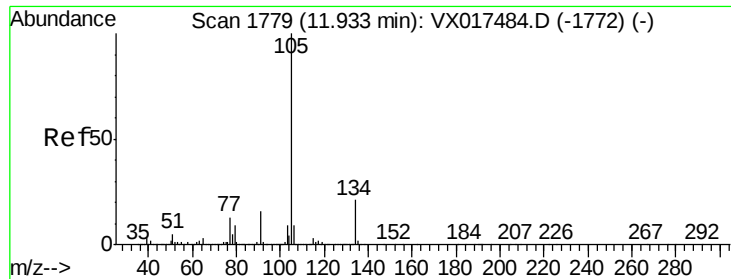
120 44.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.275 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

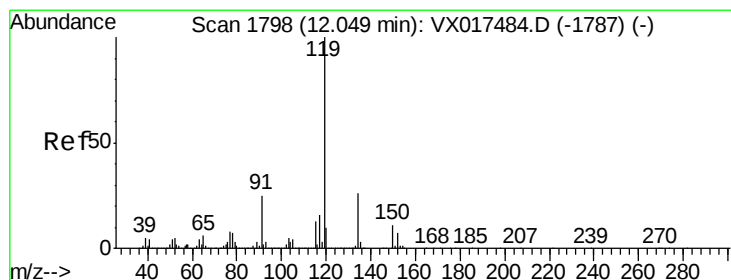
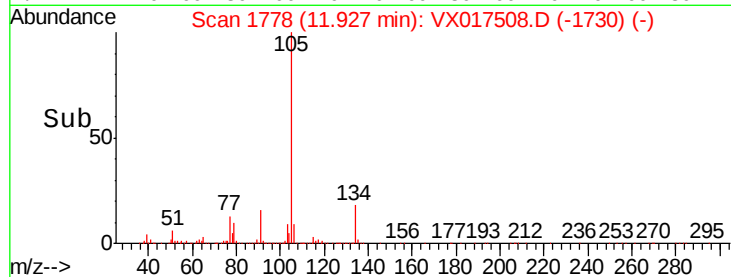
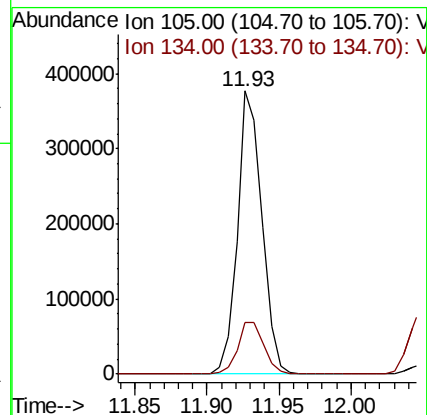
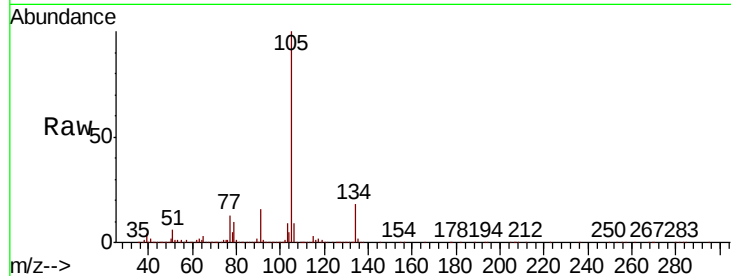
VX0723WBS02

Tot Ion:105 Resp: 445789

Ion Ratio Lower Upper

105 100

134 19.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 15.585 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

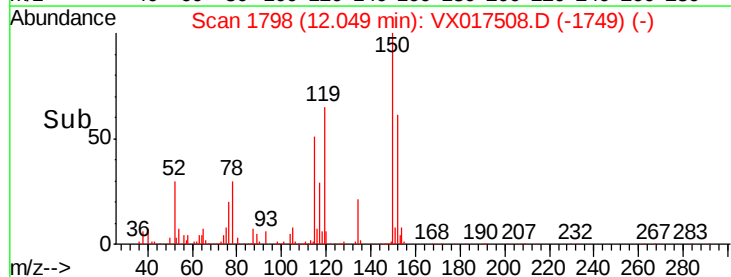
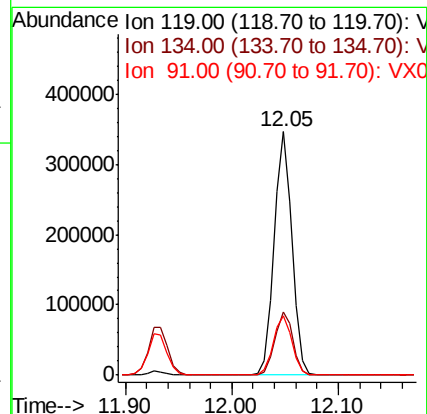
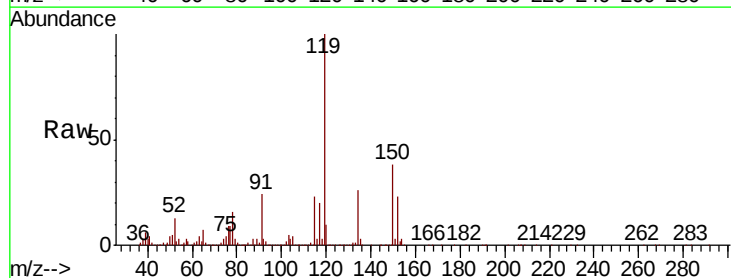
Tgt Ion:119 Resp: 406527

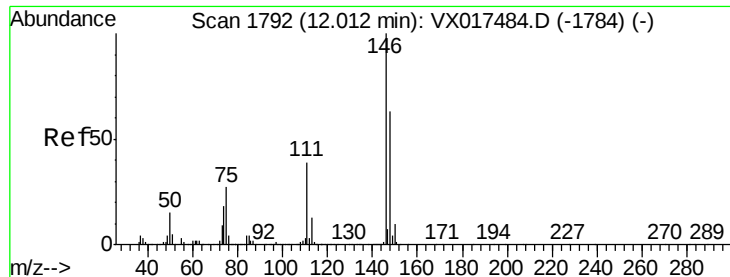
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 25.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 16.505 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

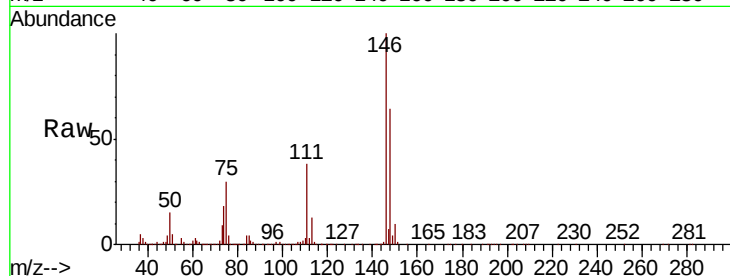
Tot Ion:146 Resp: 228372

Ion Ratio Lower Upper

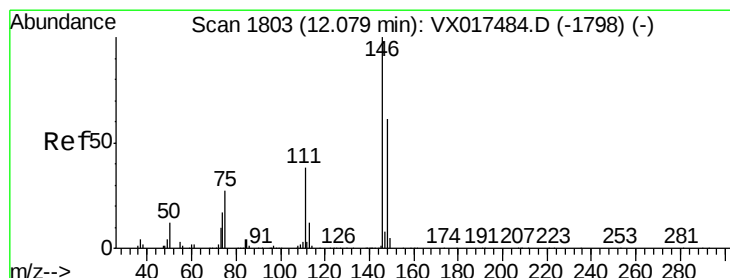
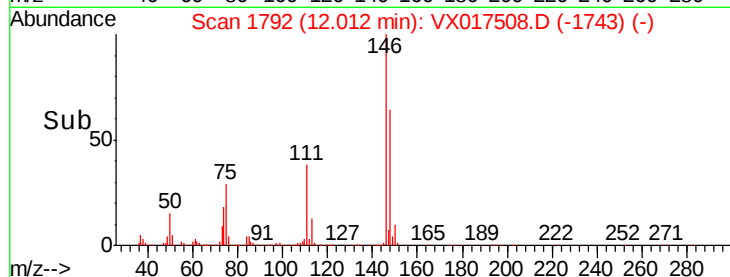
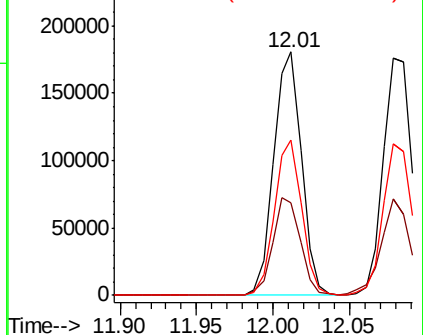
146 100

111 40.1 19.9 59.7

148 62.6 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: 15.922 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

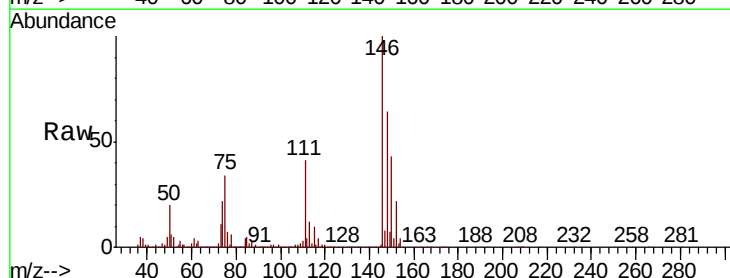
Tgt Ion:146 Resp: 228201

Ion Ratio Lower Upper

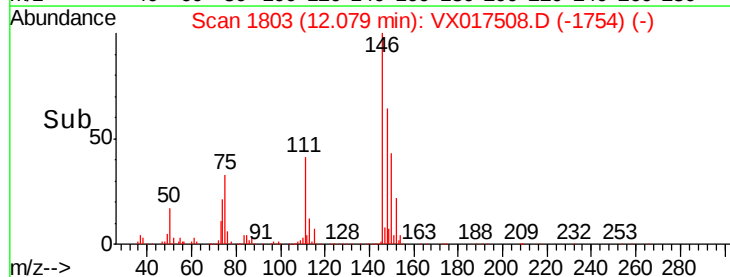
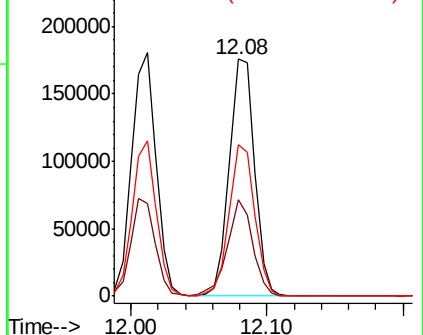
146 100

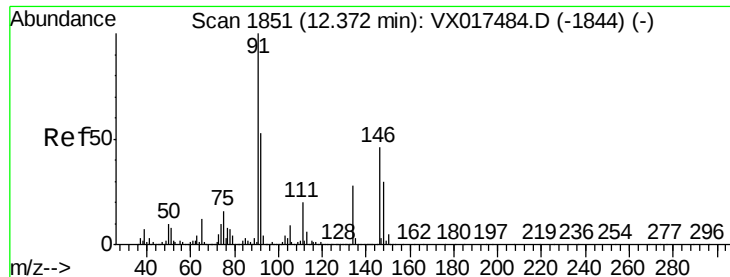
111 41.1 19.3 57.8

148 64.6 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

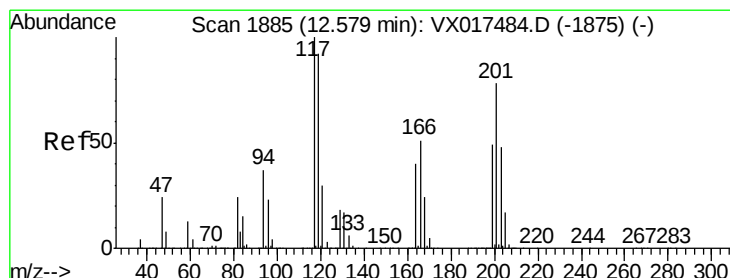
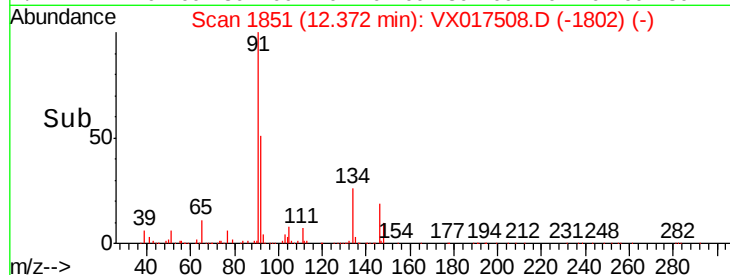
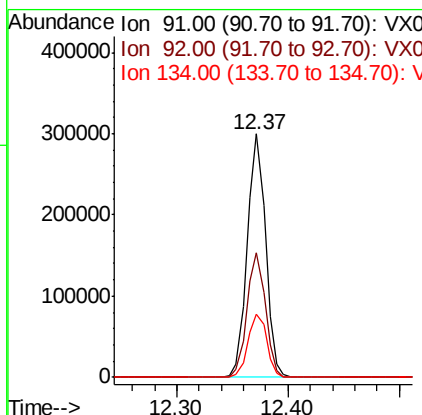
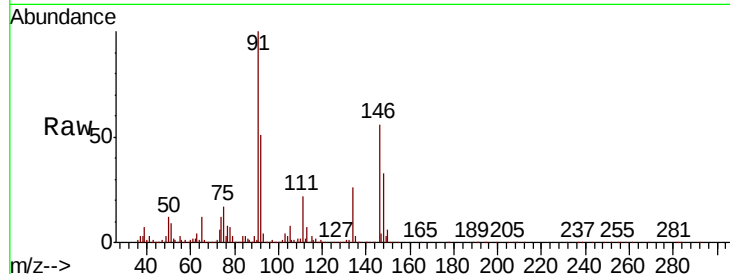




#89
n-Butylbenzene
Concen: 14.694 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

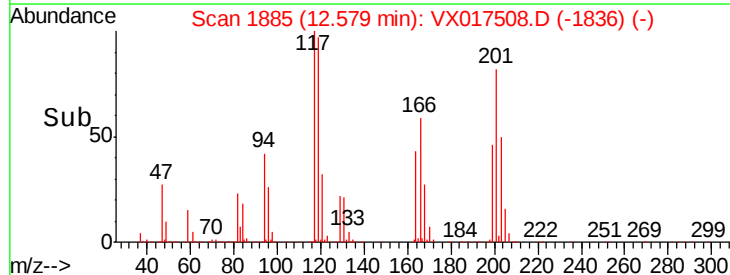
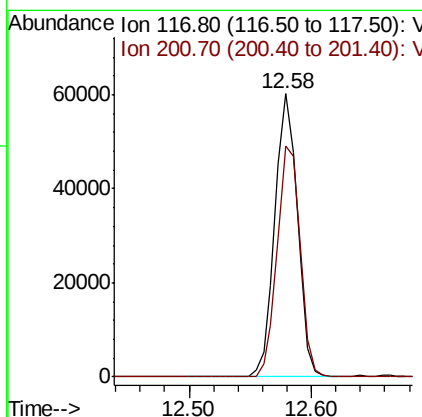
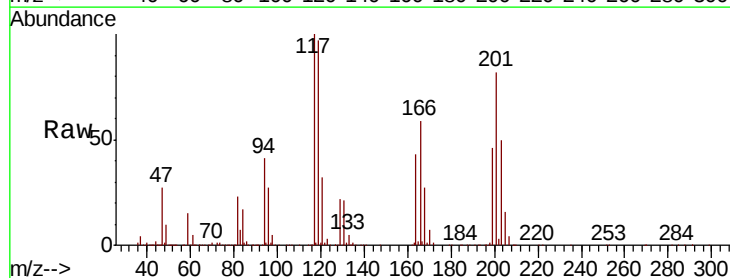
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

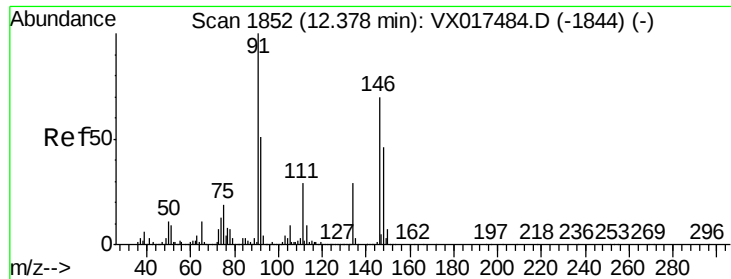
Tot Ion: 91 Resp: 341545
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 15.094 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion: 117 Resp: 77625
Ion Ratio Lower Upper
117 100
201 82.5 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 16.426 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

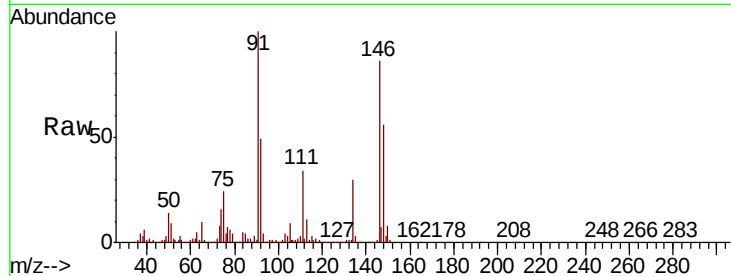
Tot Ion:146 Resp: 223381

Ion Ratio Lower Upper

146 100

111 40.5 20.9 62.8

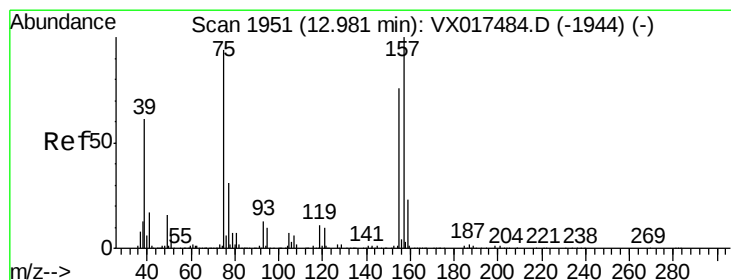
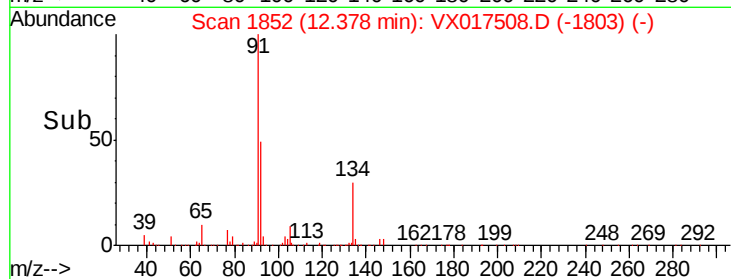
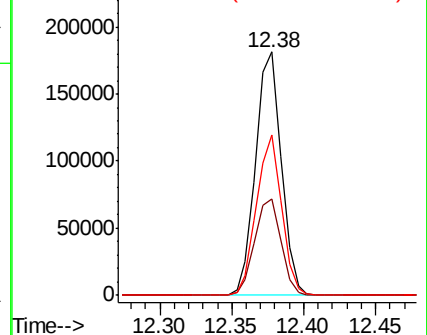
148 64.2 32.8 98.4



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: 18.288 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

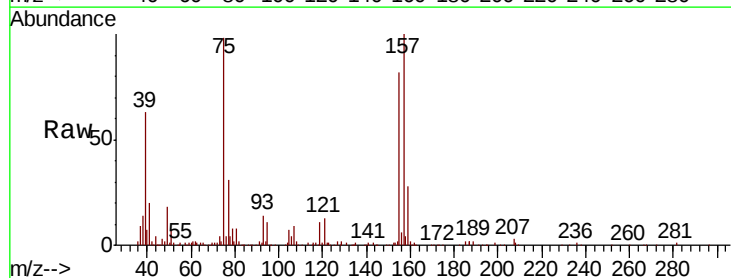
Tgt Ion: 75 Resp: 42086

Ion Ratio Lower Upper

75 100

155 84.2 42.3 126.8

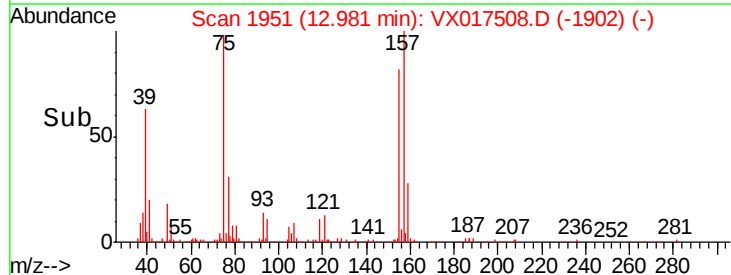
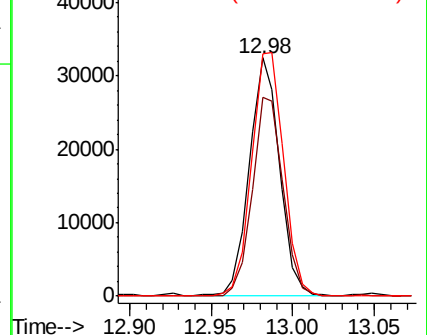
157 107.5 54.3 162.9

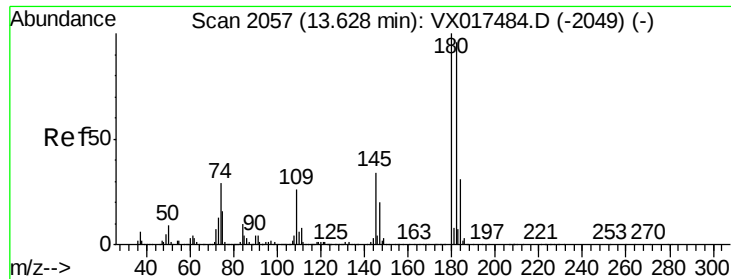


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

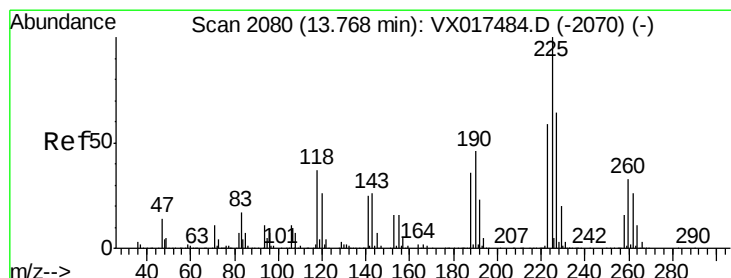
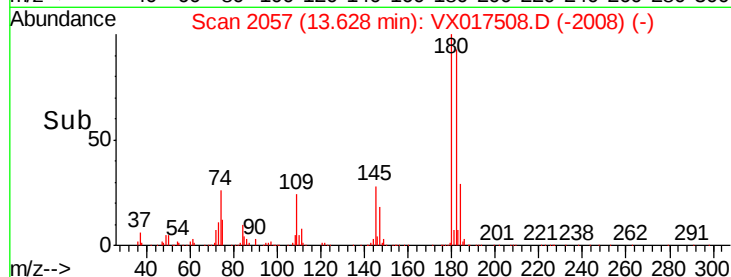
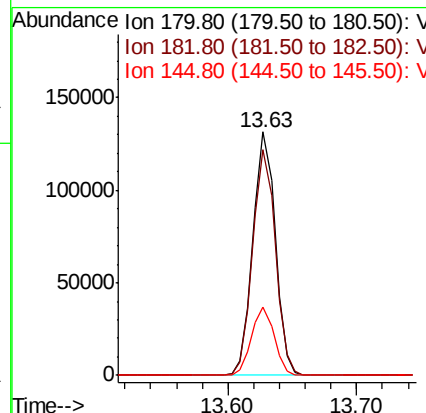
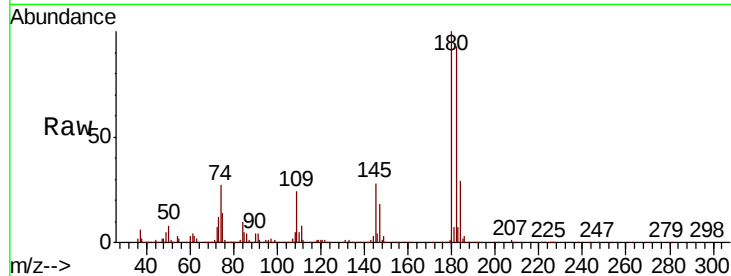




#93
 1,2,4-Trichlorobenzene
 Concen: 16.879 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

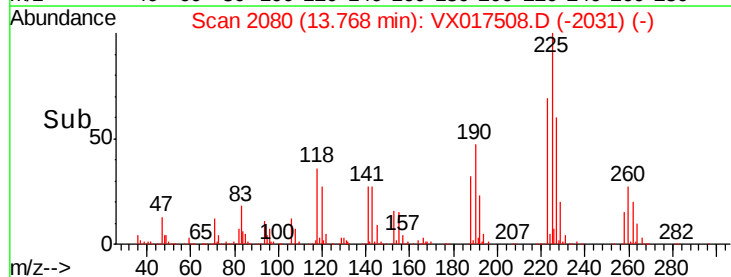
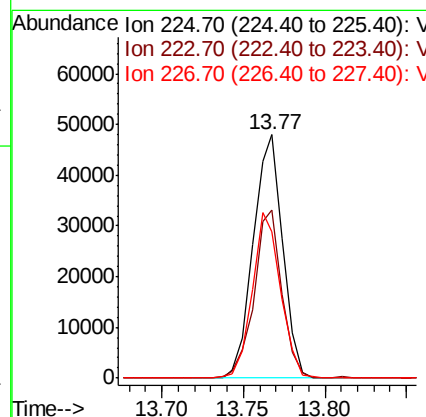
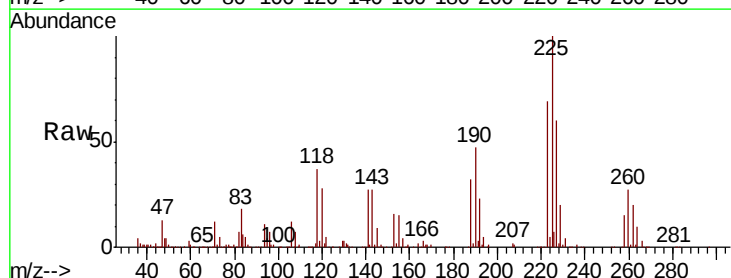
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

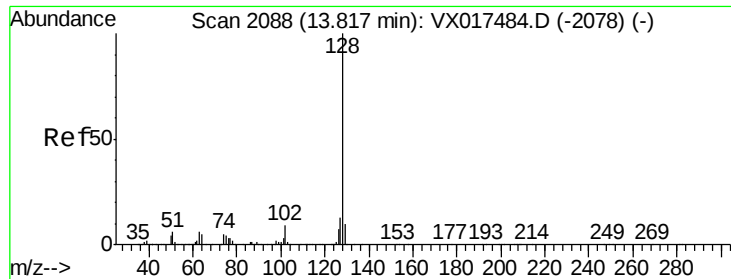
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	28.5	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 14.091 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.3	90.9
227	65.4	31.1	93.2

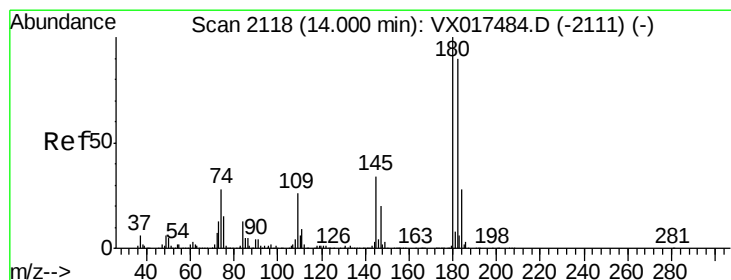
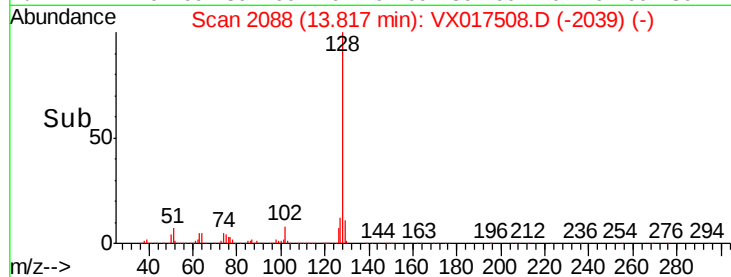
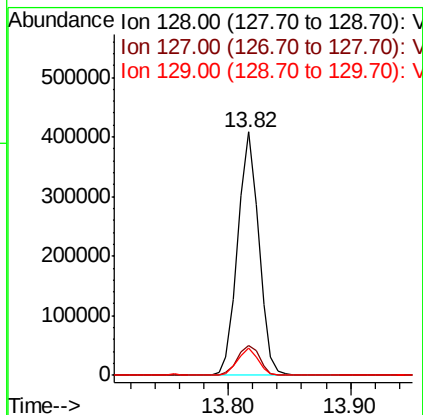
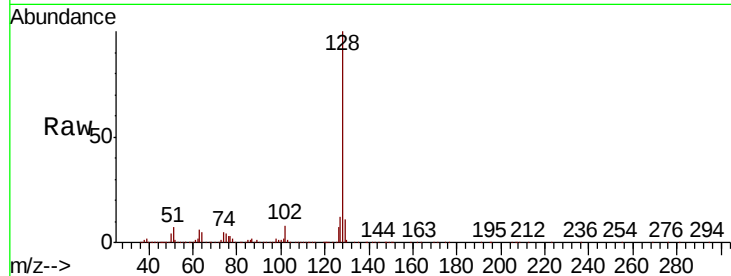




#95
Naphthalene
Concen: 17.446 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampled :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 16.080 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.4	142.3
145	33.6	16.3	48.9

