

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017677.D
 Acq On : 30 Jul 2020 12:32
 Operator : JC/SP
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Quant Time: Jul 31 05:31:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	553866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	828338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	379857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	368791	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.47	113	282948	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1002323	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	370810	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	85742	15.993	ug/l	94
3) Chloromethane	1.32	50	108827	16.146	ug/l	99
4) Vinyl Chloride	1.39	62	113214	16.244	ug/l	97
5) Bromomethane	1.63	94	82730	20.273	ug/l	96
6) Chloroethane	1.71	64	67770	17.132	ug/l	98
7) Trichlorofluoromethane	1.92	101	189559	17.291	ug/l	97
8) Diethyl Ether	2.17	74	64675	17.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102045	16.963	ug/l	97
10) Methyl Iodide	2.50	142	115902	15.059	ug/l	94
11) Tert butyl alcohol	3.01	59	134671	89.812	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97682	17.075	ug/l	98
13) Acrolein	2.28	56	96227	86.807	ug/l	99
14) Allyl chloride	2.71	41	185659	17.773	ug/l	99
15) Acrylonitrile	3.12	53	287889	88.891	ug/l	100
16) Acetone	2.42	43	261755	83.590	ug/l	95
17) Carbon Disulfide	2.56	76	273305	15.718	ug/l	99
18) Methyl Acetate	2.75	43	137286	18.615	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344260	17.386	ug/l	100
20) Methylene Chloride	2.84	84	113414	18.419	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	107126	17.480	ug/l	94
22) Diisopropyl ether	3.83	45	345711	18.100	ug/l	99
23) Vinyl Acetate	3.79	43	1514852	88.950	ug/l	99
24) 1,1-Dichloroethane	3.67	63	197793	17.977	ug/l	99
25) 2-Butanone	4.64	43	394924	88.777	ug/l	97
26) 2,2-Dichloropropane	4.56	77	179829	18.258	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	118668	17.827	ug/l	99
28) Bromochloromethane	4.98	49	101429	20.343	ug/l	99
29) Tetrahydrofuran	5.09	42	245031	88.924	ug/l	98
30) Chloroform	5.18	83	208982	18.589	ug/l	99
31) Cyclohexane	5.55	56	153100	17.449	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	192801	18.186	ug/l	99
36) 1,1-Dichloropropene	5.78	75	145159	18.272	ug/l	99
37) Ethyl Acetate	4.79	43	152821	17.581	ug/l	97
38) Carbon Tetrachloride	5.76	117	174605	18.098	ug/l	95

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 Data File : VX017677.D
 Acq On : 30 Jul 2020 12:32
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 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Quant Time: Jul 31 05:31:21 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	153551	16.557	ug/l	97
40) Benzene	6.12	78	423791	18.606	ug/l	97
41) Methacrylonitrile	5.01	41	87268	17.515	ug/l	98
42) 1,2-Dichloroethane	6.17	62	172622	18.526	ug/l	96
43) Isopropyl Acetate	6.42	43	257181	17.932	ug/l	100
44) Trichloroethene	7.19	130	120873	18.159	ug/l	93
45) 1,2-Dichloropropane	7.49	63	109748	17.382	ug/l	98
46) Dibromomethane	7.64	93	77626	17.396	ug/l	99
47) Bromodichloromethane	7.88	83	166151	18.505	ug/l	99
48) Methyl methacrylate	7.75	41	123419	17.360	ug/l	99
49) 1,4-Dioxane	7.71	88	48891	358.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	770755	90.069	ug/l	99
52) Toluene	8.77	92	260618	17.842	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	177798	17.690	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	185482	18.093	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	109429	17.984	ug/l	98
56) Ethyl methacrylate	9.16	69	164501	17.944	ug/l	98
57) 1,3-Dichloropropane	9.35	76	178413	17.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	417285	86.398	ug/l	98
59) 2-Hexanone	9.47	43	582128	90.354	ug/l	99
60) Dibromochloromethane	9.57	129	139086	17.984	ug/l	99
61) 1,2-Dibromoethane	9.65	107	118799	18.338	ug/l	100
64) Tetrachloroethene	9.32	164	127164	18.480	ug/l	98
65) Chlorobenzene	10.12	112	293430	17.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	120835	18.042	ug/l	98
67) Ethyl Benzene	10.24	91	508044	18.340	ug/l	98
68) m/p-Xylenes	10.34	106	384557	35.834	ug/l	97
69) o-Xylene	10.68	106	181269	17.562	ug/l	98
70) Styrene	10.70	104	320379	18.244	ug/l	98
71) Bromoform	10.84	173	103039	17.757	ug/l #	100
73) Isopropylbenzene	11.00	105	507597	19.479	ug/l	100
74) N-amyl acetate	10.88	43	212615	18.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	137248	16.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	176550	22.595	ug/l	82
77) Bromobenzene	11.24	156	130605	17.903	ug/l	99
78) n-propylbenzene	11.34	91	522753	17.787	ug/l	100
79) 2-Chlorotoluene	11.40	91	314180	17.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	403785	18.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56647	18.267	ug/l	98
82) 4-Chlorotoluene	11.49	91	382360	17.804	ug/l	99
83) tert-Butylbenzene	11.76	119	382375	17.961	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	405859	18.340	ug/l	99
85) sec-Butylbenzene	11.93	105	453732	18.295	ug/l	99
86) p-Isopropyltoluene	12.05	119	431038	18.251	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	225515	18.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	228168	17.583	ug/l	99
89) n-Butylbenzene	12.37	91	362077	17.205	ug/l	98
90) Hexachloroethane	12.58	117	80388	17.265	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218005	17.706	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	37932	18.217	ug/l	95

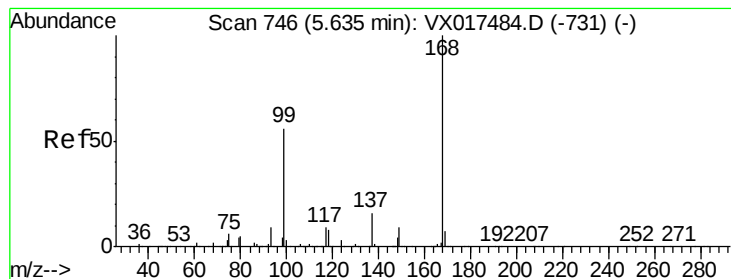
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017677.D
Acq On : 30 Jul 2020 12:32
Operator : JC/SP
Sample : VX0730WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Quant Time: Jul 31 05:31:21 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	165029	19.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	71713	18.539	ug/l	96
95) Naphthalene	13.82	128	485142	19.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	151914	18.309	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

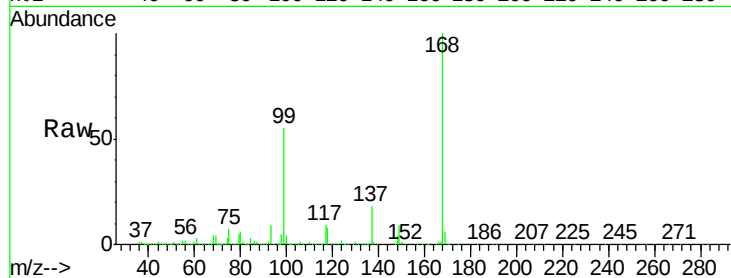
VX0730WBS01

Tot Ion:168 Resp: 553866

Ion Ratio Lower Upper

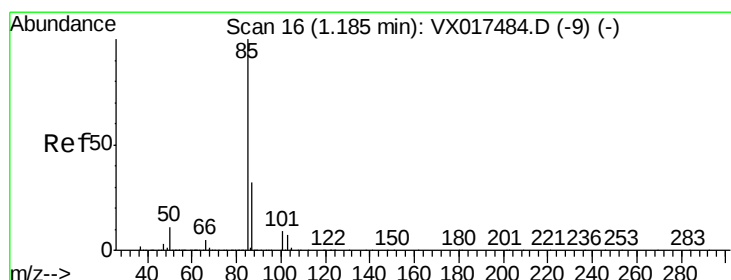
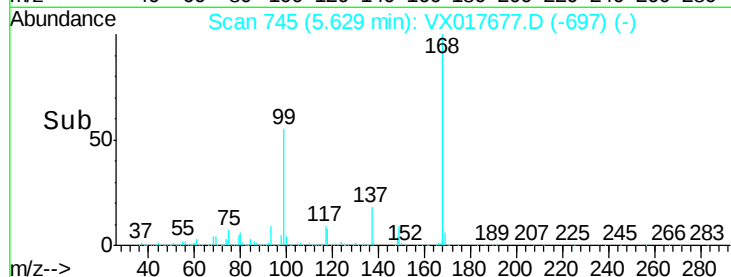
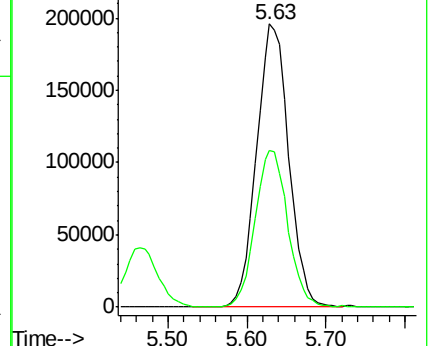
168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.993 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017677.D

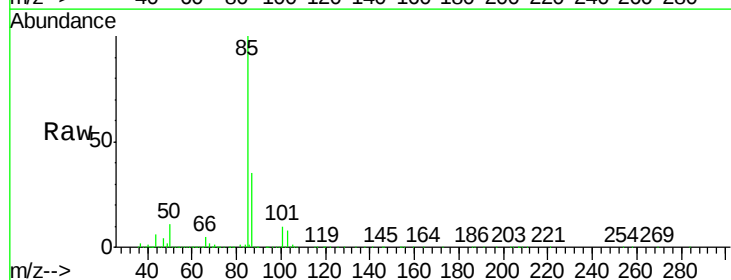
Acq: 30 Jul 2020 12:32

Tgt Ion: 85 Resp: 85742

Ion Ratio Lower Upper

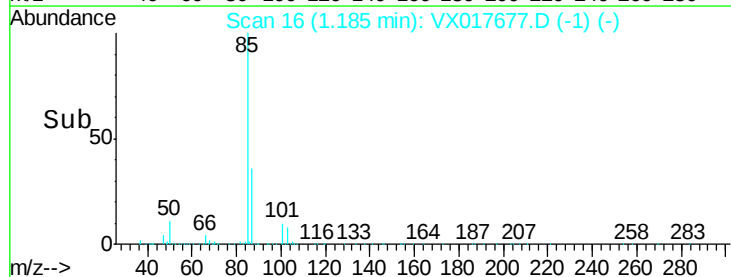
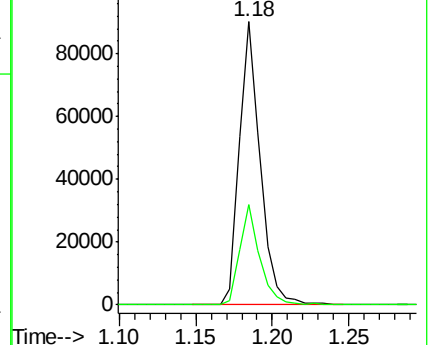
85 100

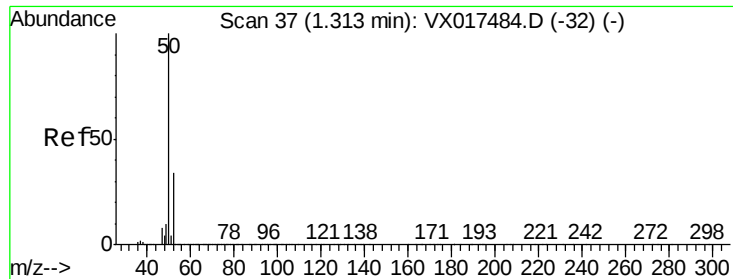
87 35.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

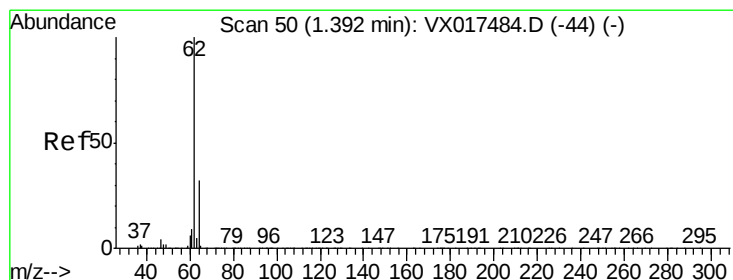
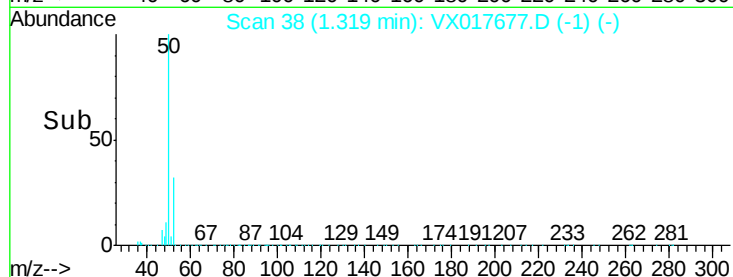
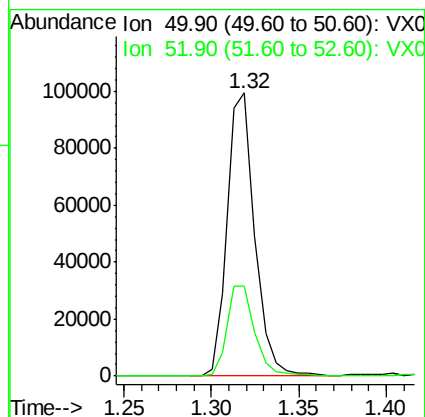
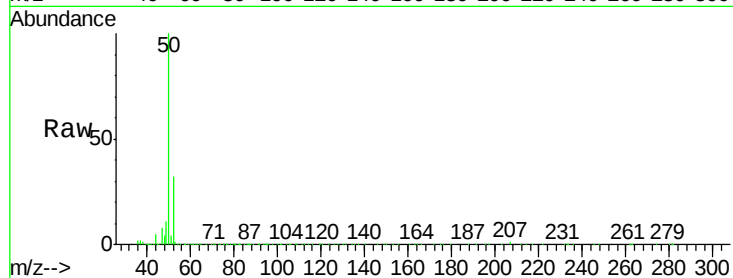




#3
Chloromethane
Concen: 16.146 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

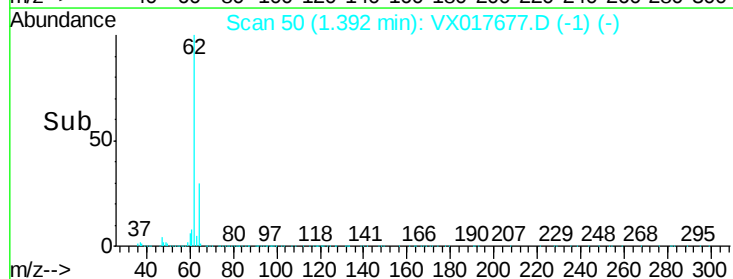
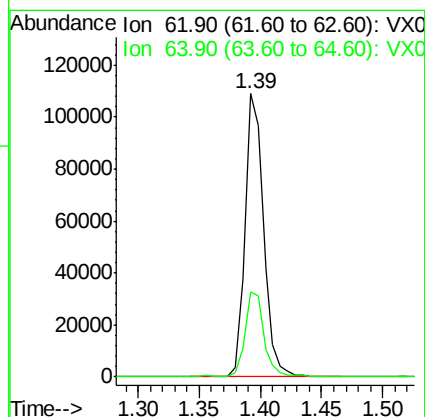
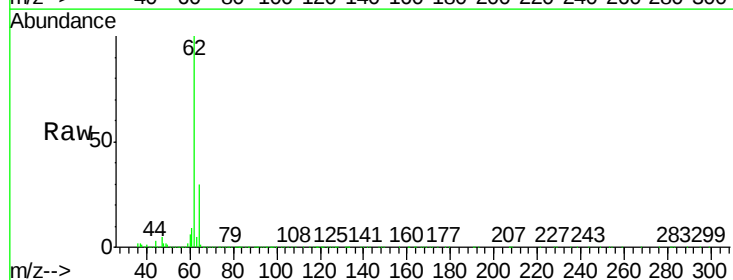
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

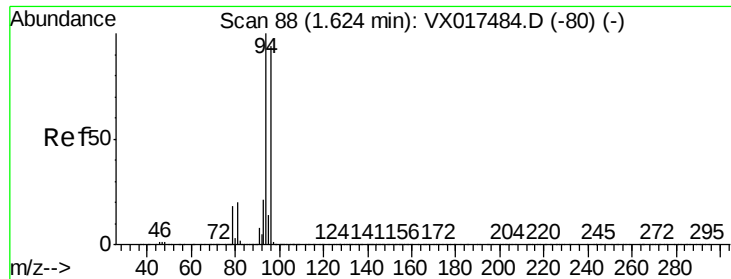
Tot Ion: 50 Resp: 108827
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 16.244 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 62 Resp: 113214
Ion Ratio Lower Upper
62 100
64 29.9 25.2 37.8





#5

Bromomethane

Concen: 20.273 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

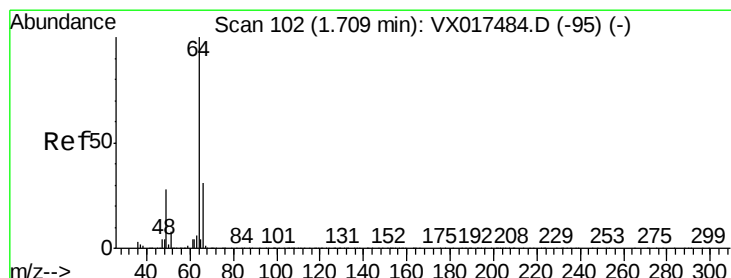
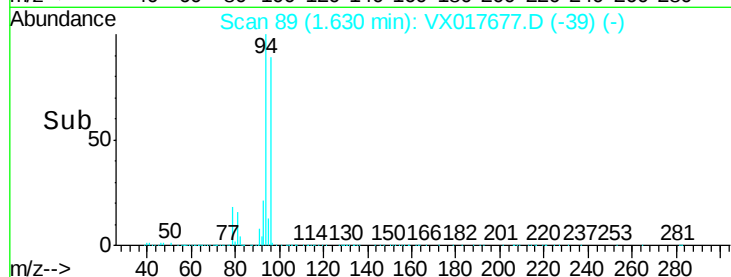
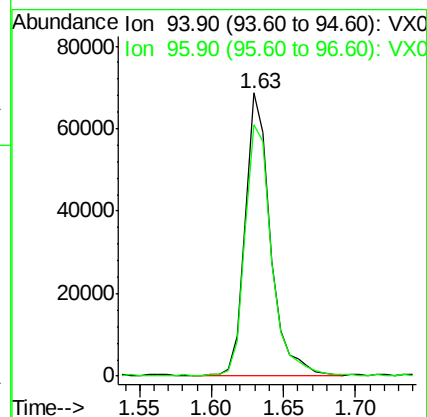
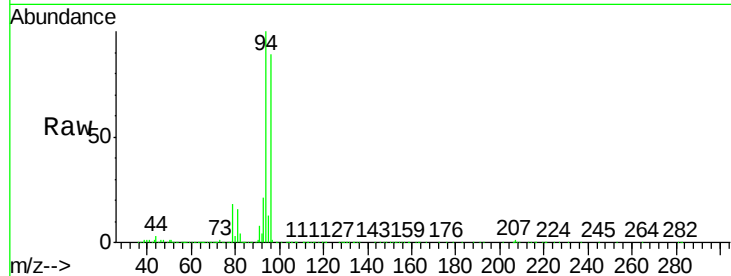
VX0730WBS01

Tot Ion: 94 Resp: 82730

Ion Ratio Lower Upper

94 100

96 88.9 74.1 111.1



#6

Chloroethane

Concen: 17.132 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017677.D

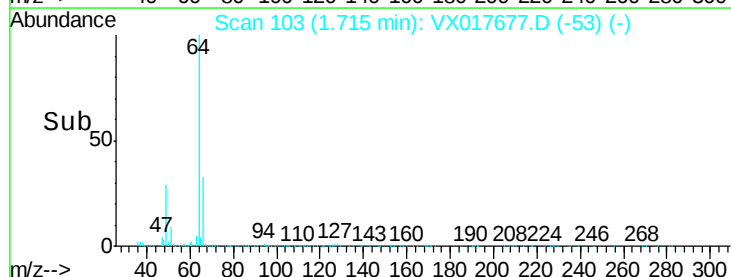
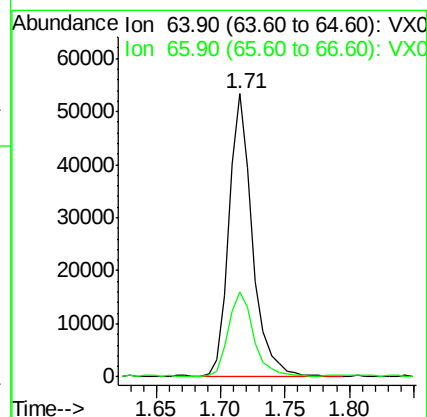
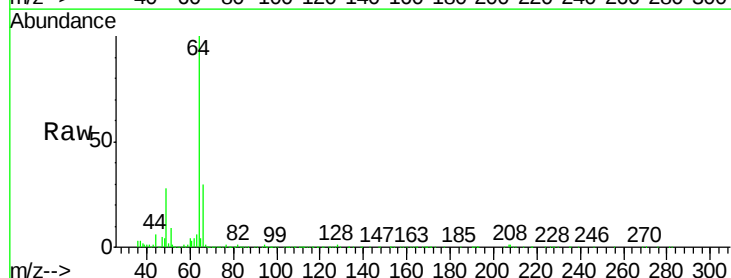
Acq: 30 Jul 2020 12:32

Tgt Ion: 64 Resp: 67770

Ion Ratio Lower Upper

64 100

66 29.9 24.9 37.3



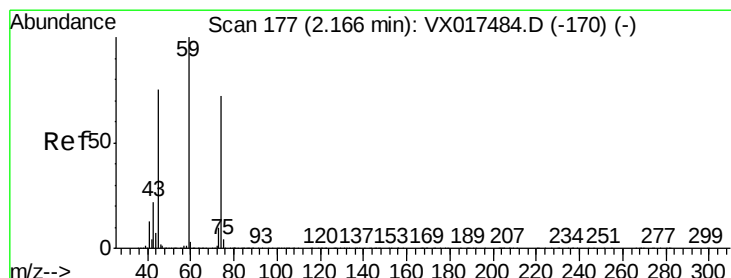
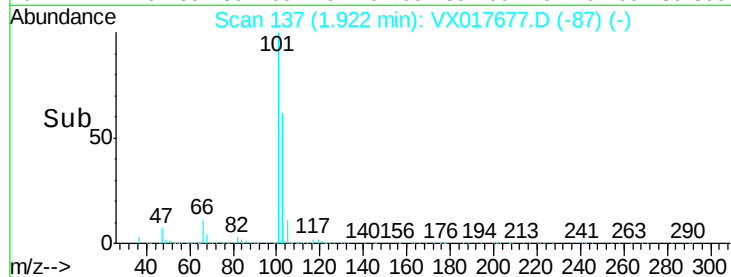
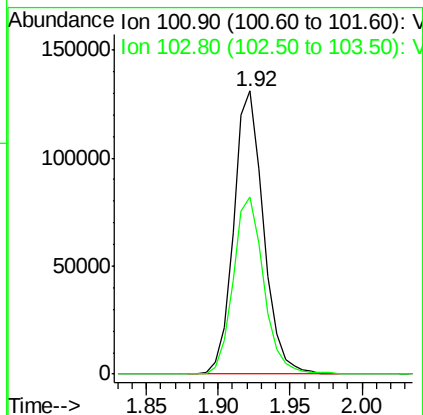
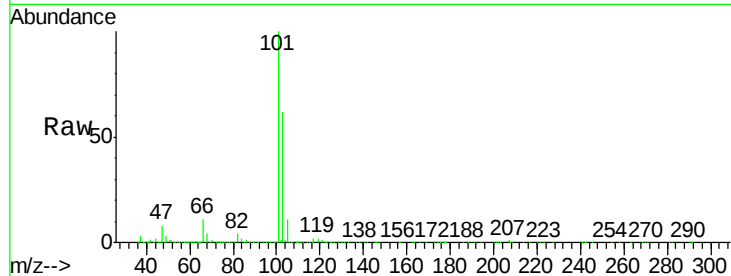


#7

Trichlorofluoromethane
Concen: 17.291 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

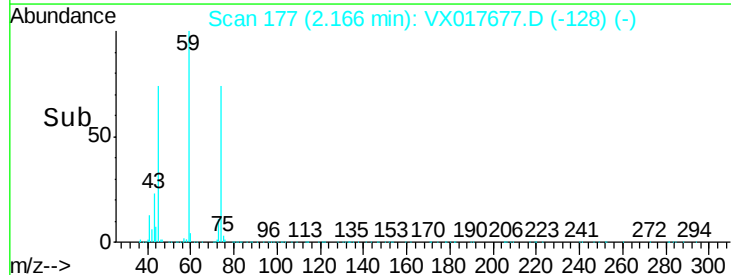
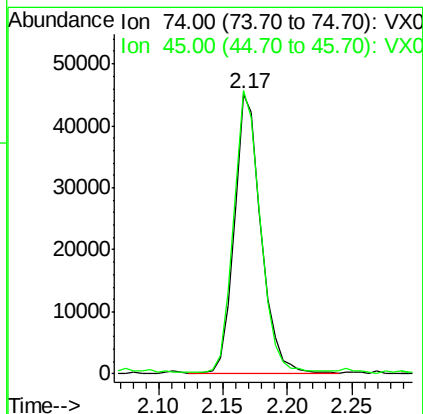
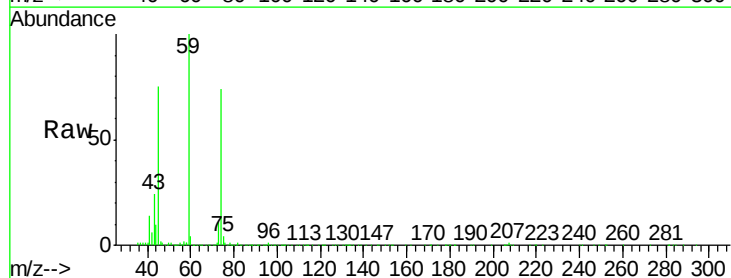
Tot Ion:101 Resp: 189559
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.8

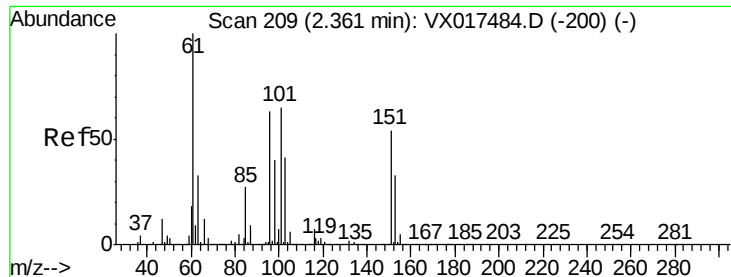


#8

Diethyl Ether
Concen: 17.307 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 74 Resp: 64675
Ion Ratio Lower Upper
74 100
45 100.6 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.963 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

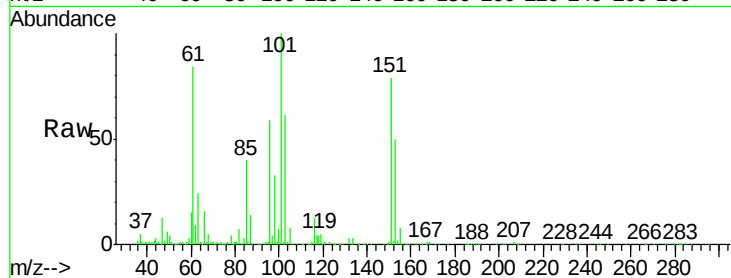
Tot Ion:101 Resp: 102045

Ion Ratio Lower Upper

101 100

85 44.2 34.8 52.2

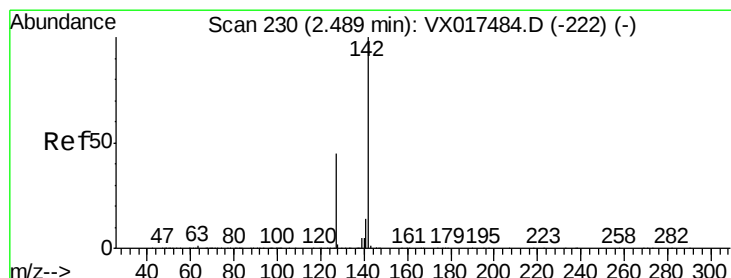
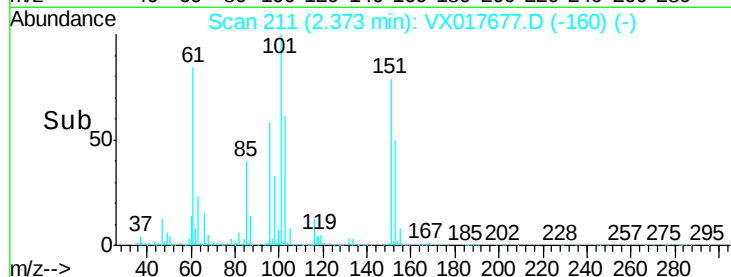
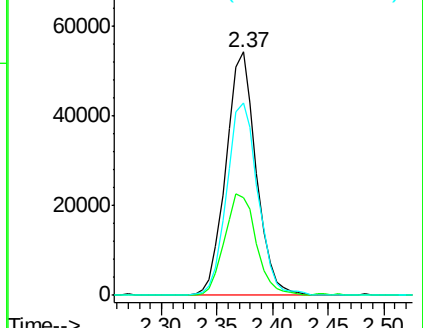
151 81.5 68.0 102.0



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: 15.059 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

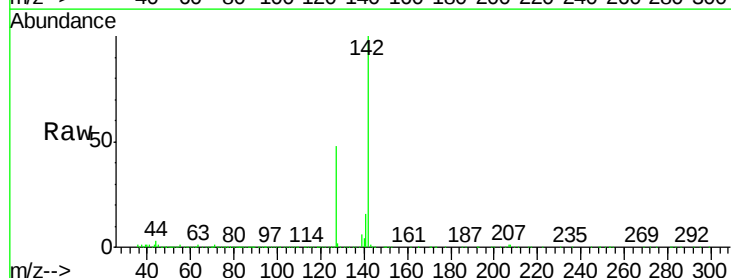
Tgt Ion:142 Resp: 115902

Ion Ratio Lower Upper

142 100

127 49.0 35.9 53.9

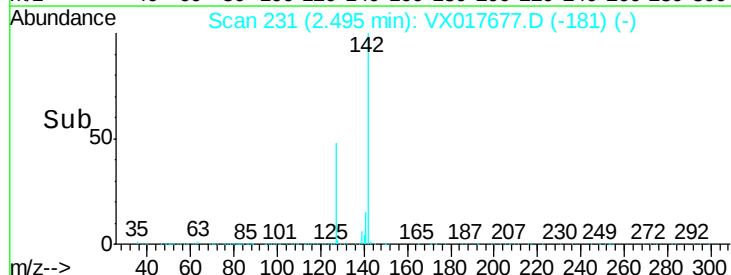
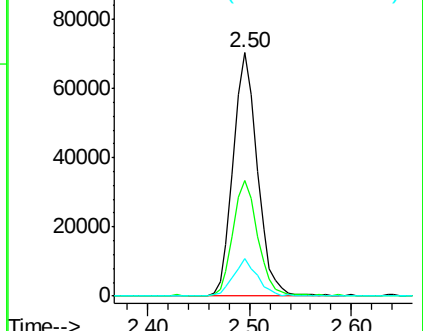
141 15.6 11.4 17.0

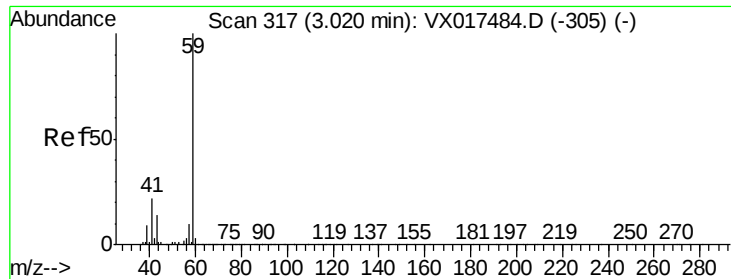


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

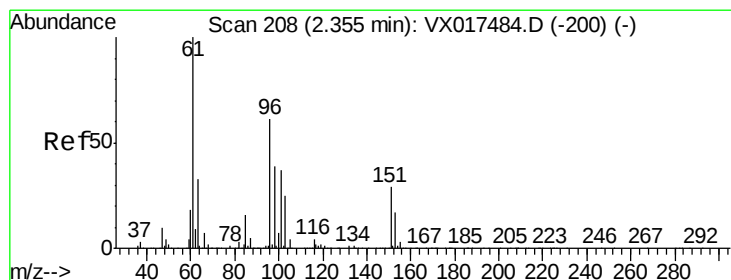
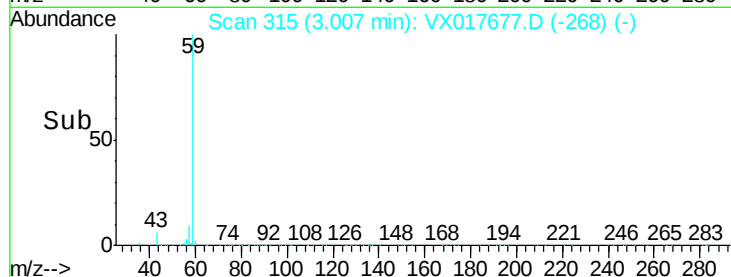
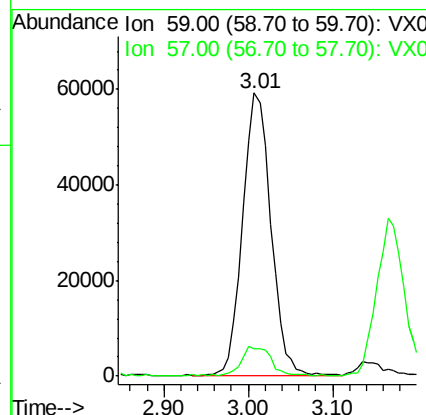
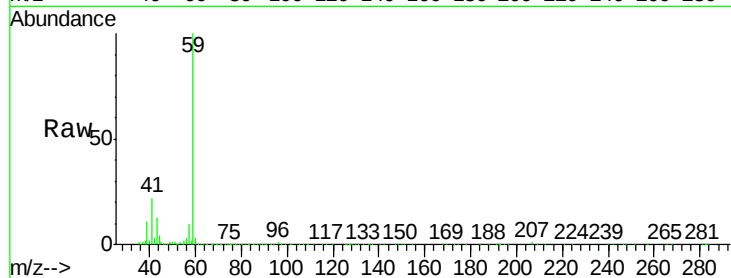




#11
Tert butyl alcohol
Concen: 89.812 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

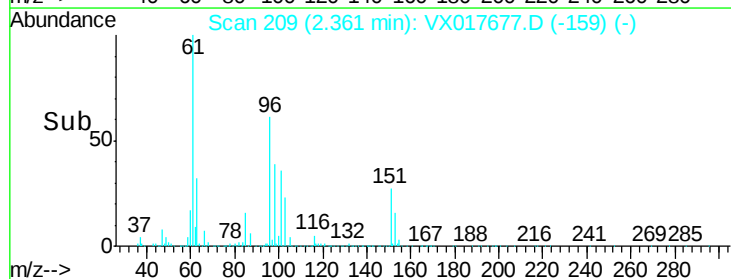
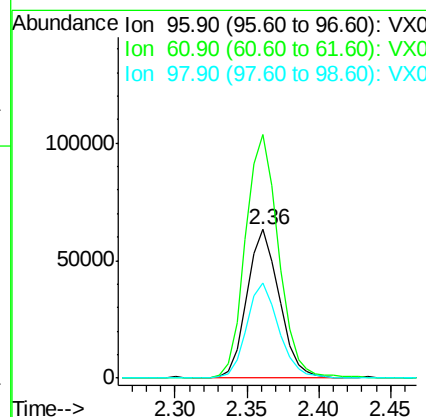
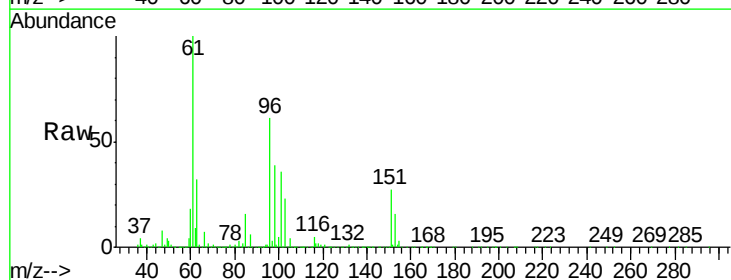
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

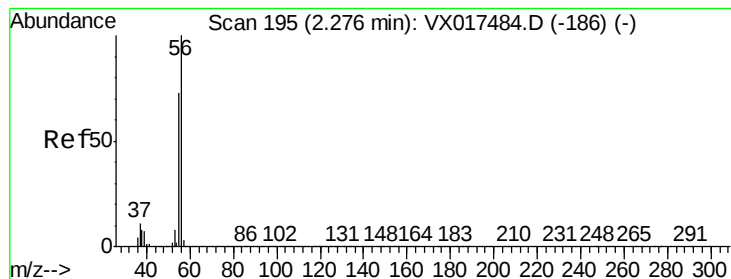
Tot Ion: 59 Resp: 134671
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.075 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 96 Resp: 97682
Ion Ratio Lower Upper
96 100
61 163.7 134.0 201.0
98 63.8 51.0 76.4





#13

Acrolein

Concen: 86.807 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

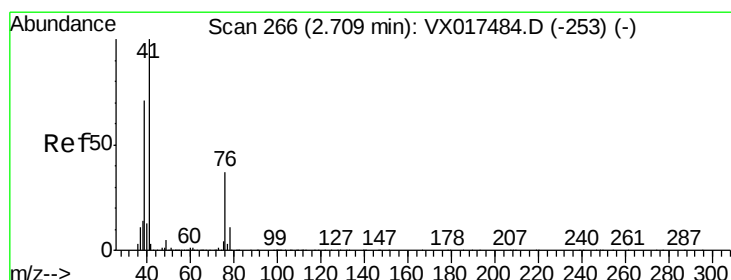
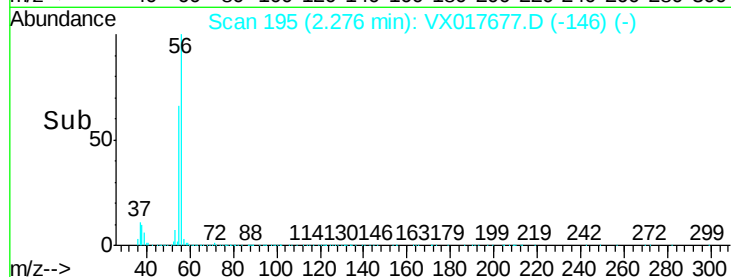
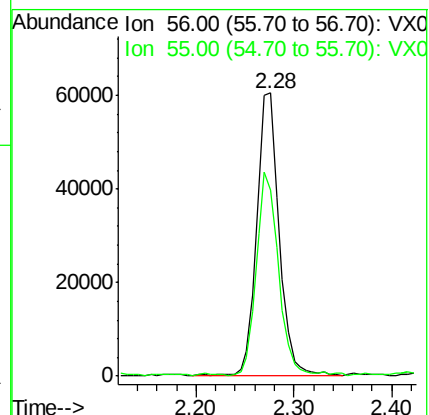
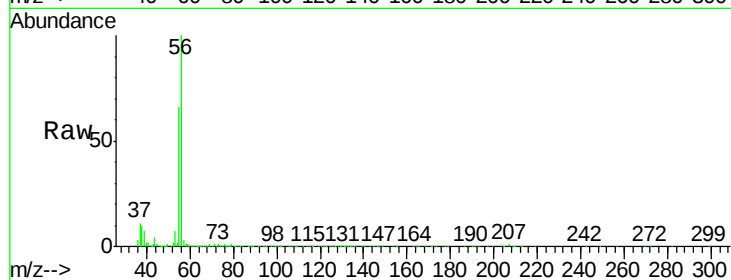
VX0730WBS01

Tot Ion: 56 Resp: 96227

Ion Ratio Lower Upper

56 100

55 70.9 57.4 86.2



#14

Allyl chloride

Concen: 17.773 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

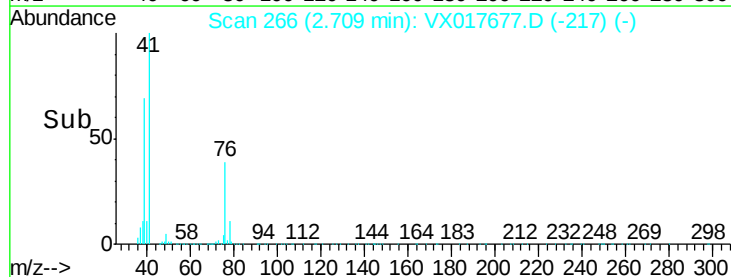
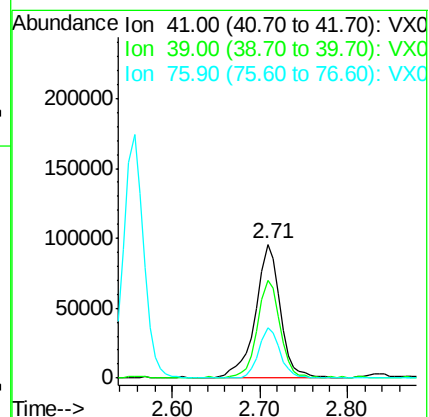
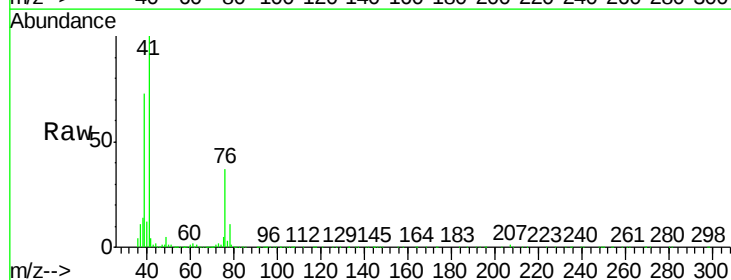
Tgt Ion: 41 Resp: 185659

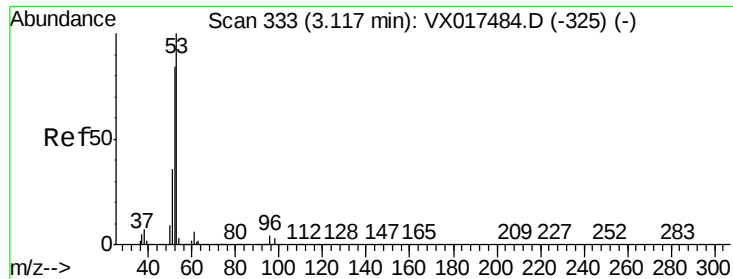
Ion Ratio Lower Upper

41 100

39 66.4 51.9 77.9

76 32.1 25.5 38.3





#15

Acrylonitrile

Concen: 88.891 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

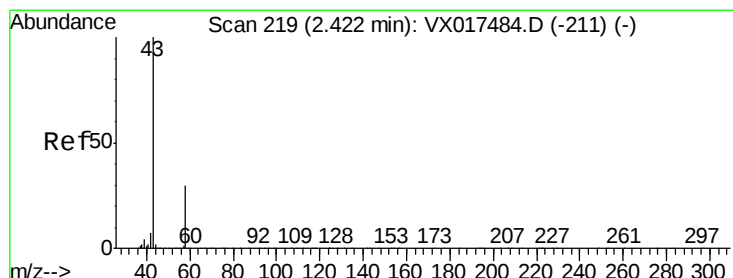
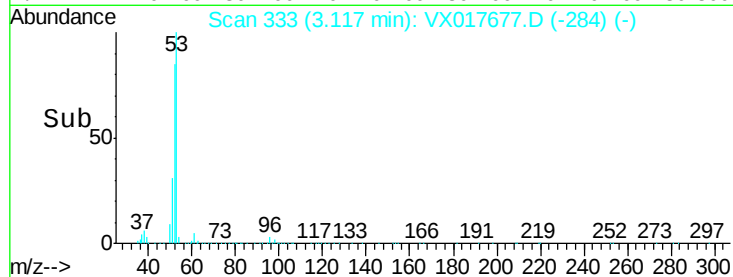
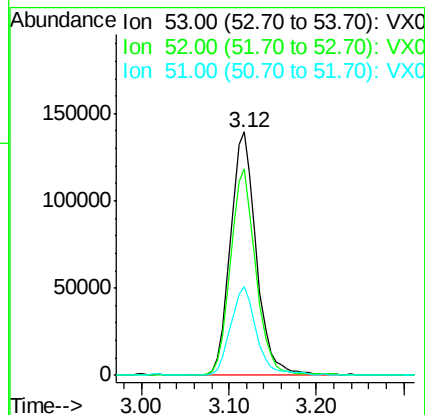
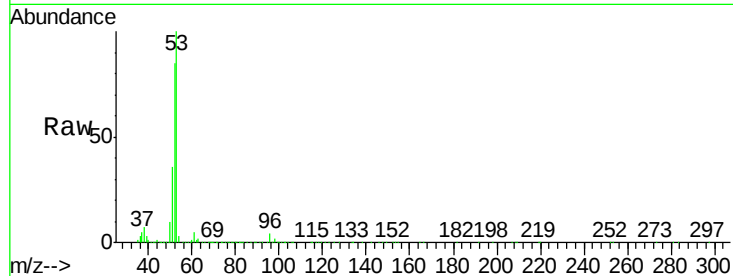
Tot Ion: 53 Resp: 287889

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

51 36.4 29.4 44.2



#16

Acetone

Concen: 83.590 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017677.D

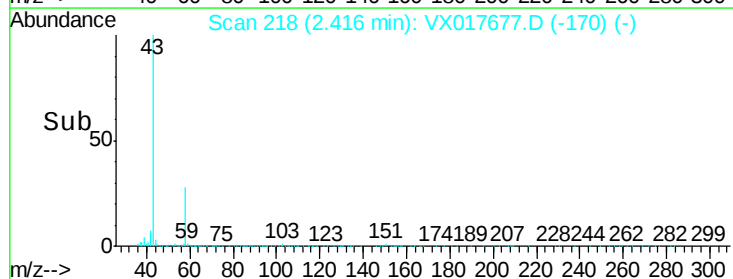
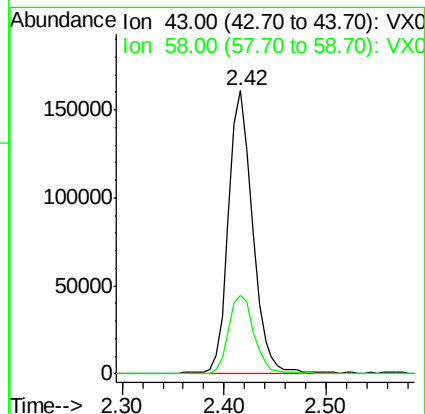
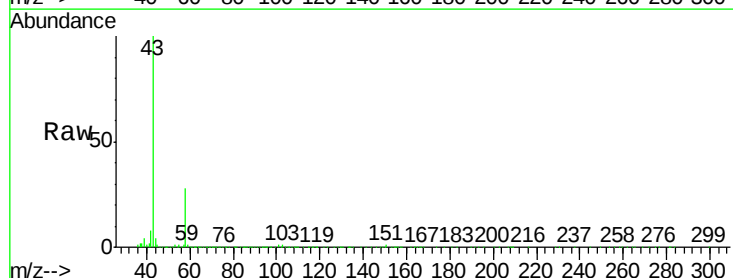
Acq: 30 Jul 2020 12:32

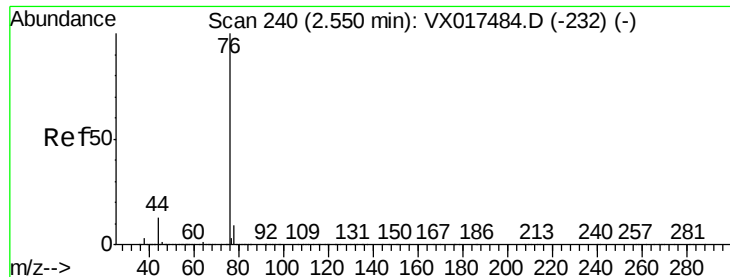
Tgt Ion: 43 Resp: 261755

Ion Ratio Lower Upper

43 100

58 27.5 24.2 36.4





#17

Carbon Disulfide

Concen: 15.718 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

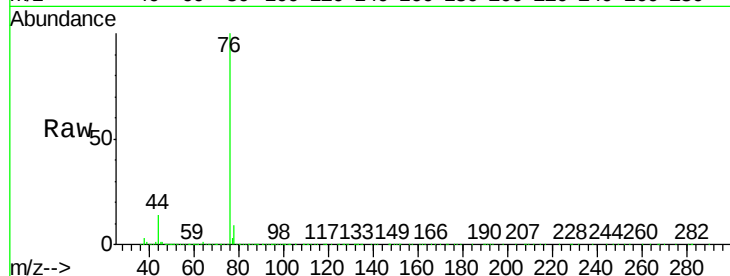
VX0730WBS01

Tot Ion: 76 Resp: 273305

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

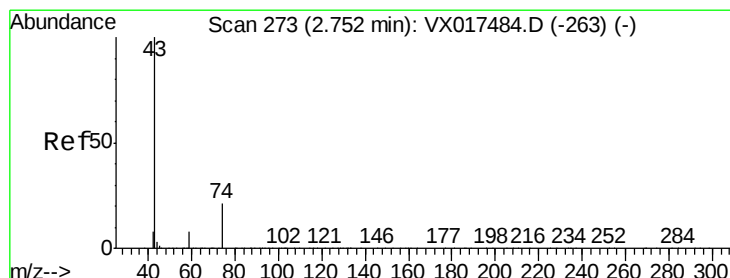
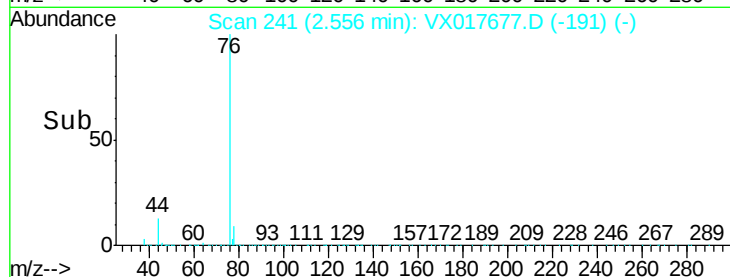
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 18.615 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017677.D

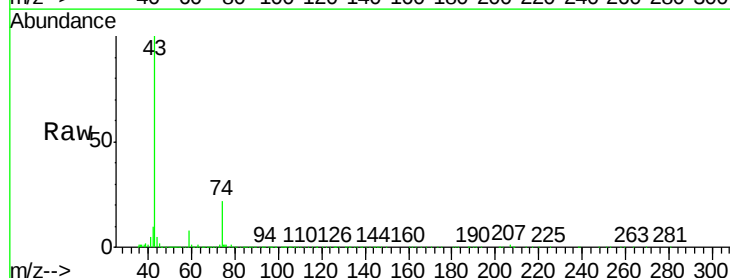
Acq: 30 Jul 2020 12:32

Tgt Ion: 43 Resp: 137286

Ion Ratio Lower Upper

43 100

74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

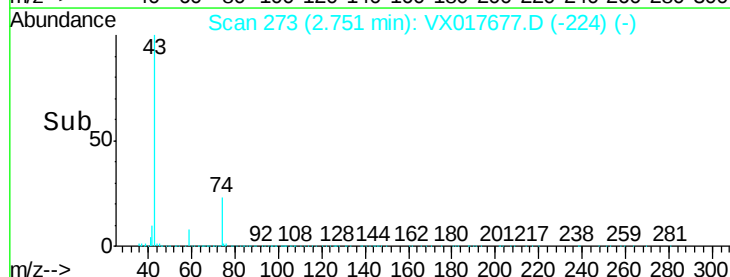
20000

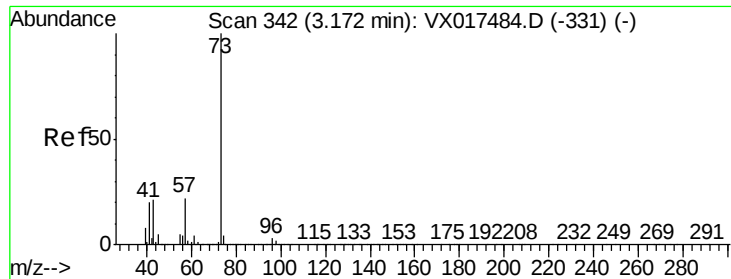
0

2.75

2.65 2.70 2.75 2.80 2.85

Time-->



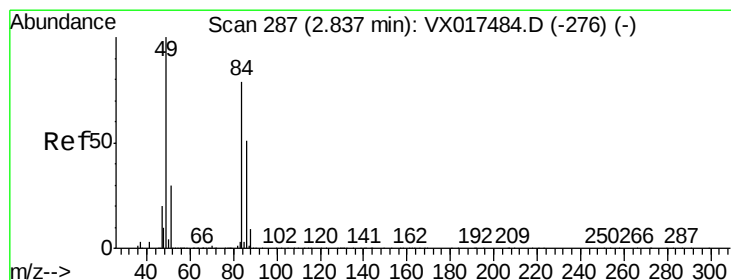
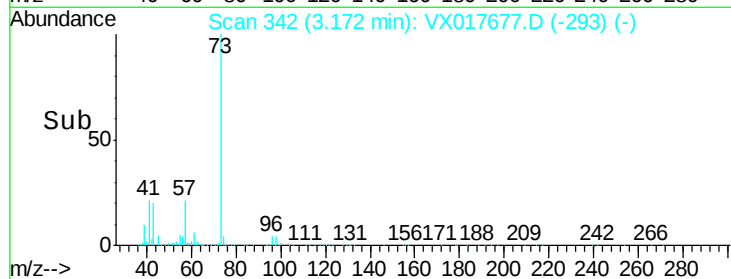
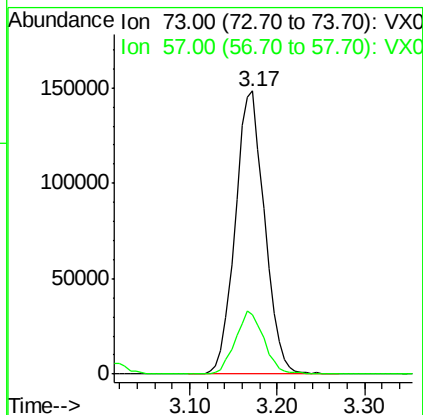
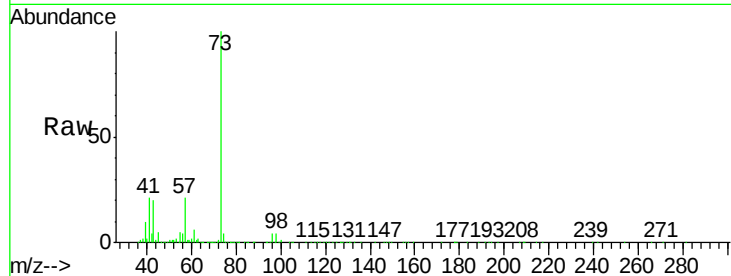


#19

Methyl tert-butyl Ether
 Concen: 17.386 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

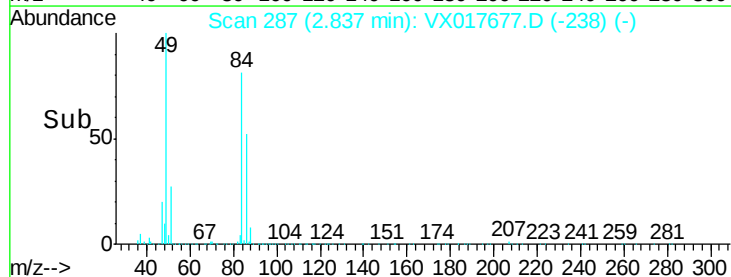
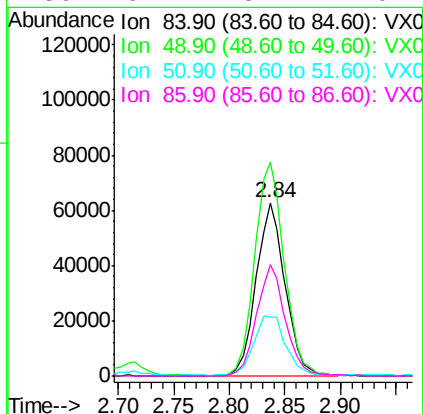
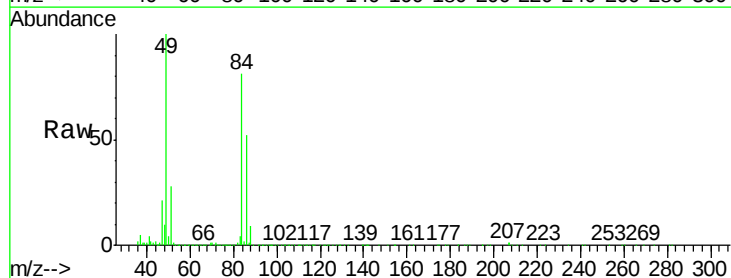
Tot Ion: 73 Resp: 344260
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.0 25.4

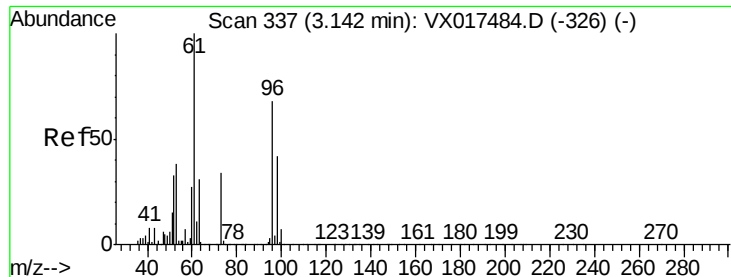


#20

Methylene Chloride
 Concen: 18.419 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion: 84 Resp: 113414
 Ion Ratio Lower Upper
 84 100
 49 122.7 100.3 150.5
 51 33.5 30.5 45.7
 86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.480 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

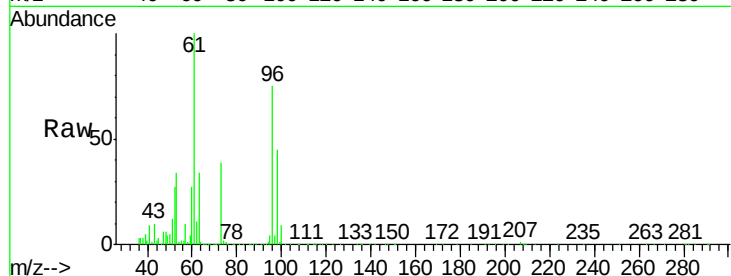
Tot Ion: 96 Resp: 107126

Ion Ratio Lower Upper

96 100

61 133.3 113.0 169.4

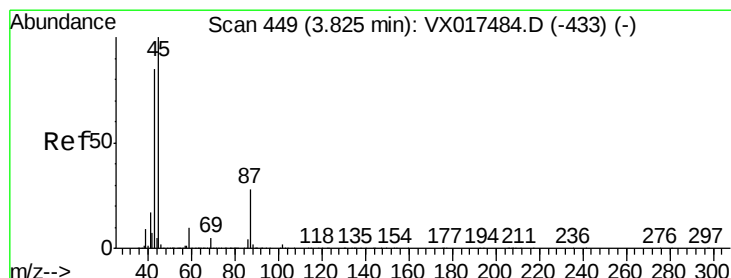
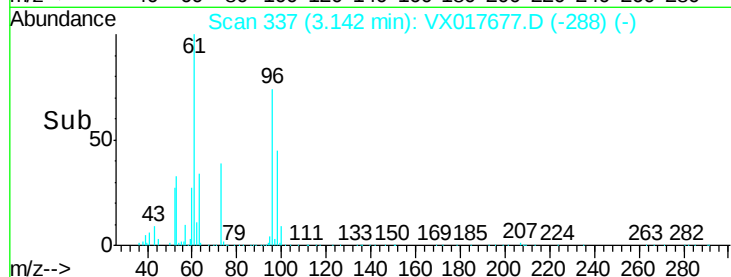
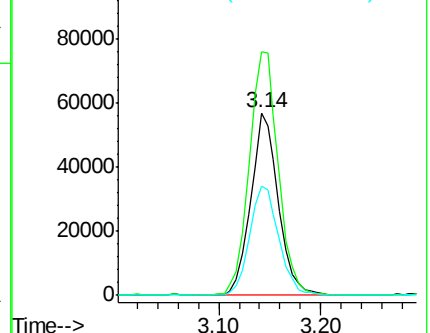
98 60.1 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.100 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion: 45 Resp: 345711

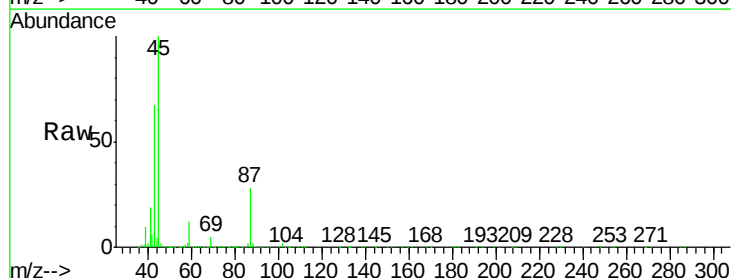
Ion Ratio Lower Upper

45 100

43 66.4 52.0 78.0

87 28.1 22.2 33.4

59 11.6 8.9 13.3

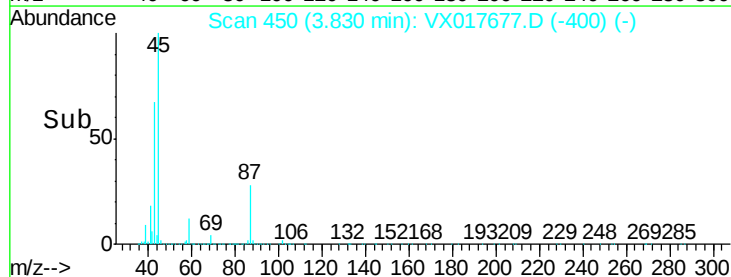
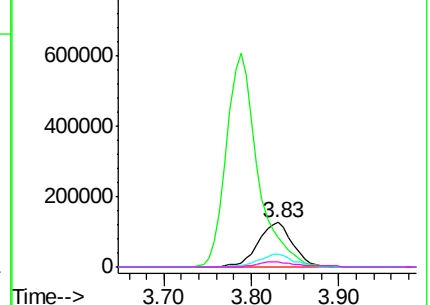


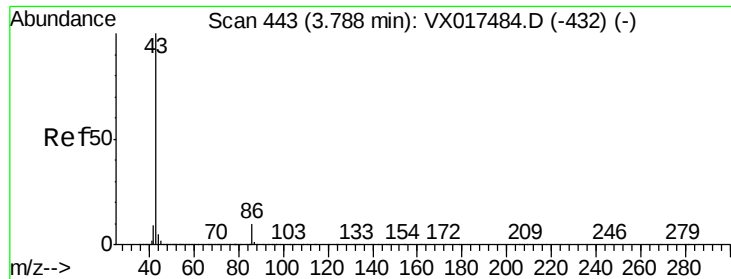
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

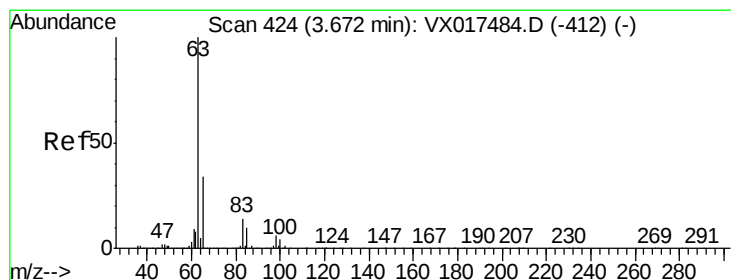
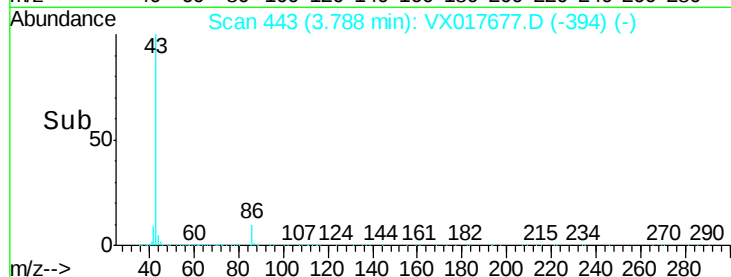
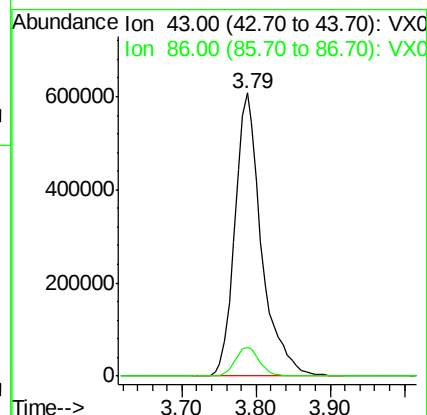
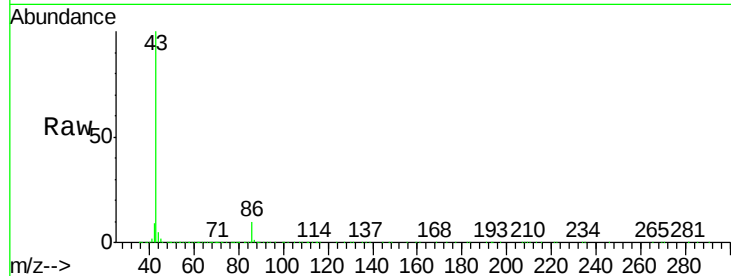




#23
 Vinyl Acetate
 Concen: 88.950 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

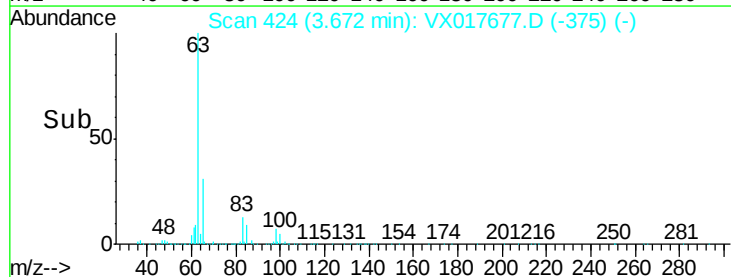
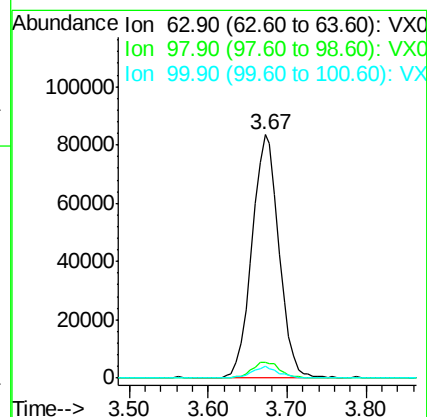
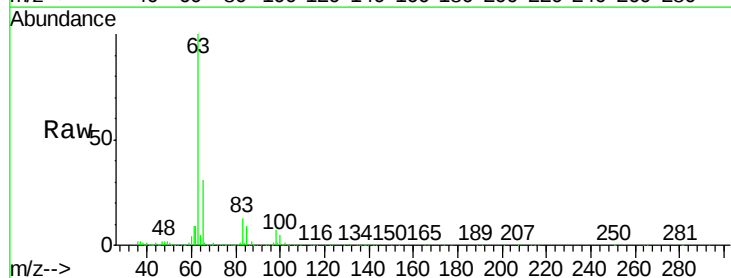
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

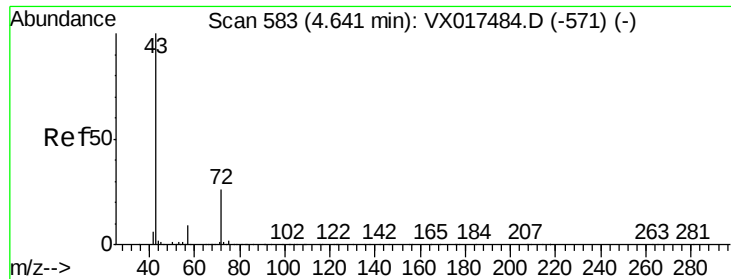
Tot Ion: 43 Resp: 1514852
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.977 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion: 63 Resp: 197793
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.8 1.9 5.7





#25

2-Butanone

Concen: 88.777 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

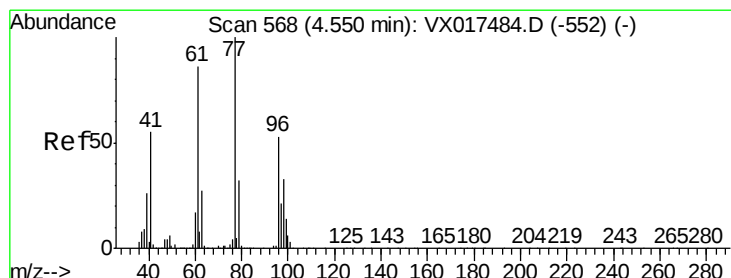
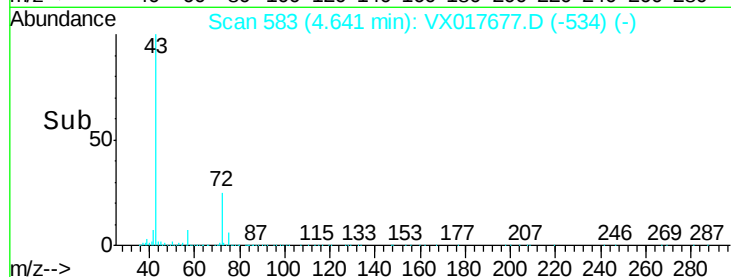
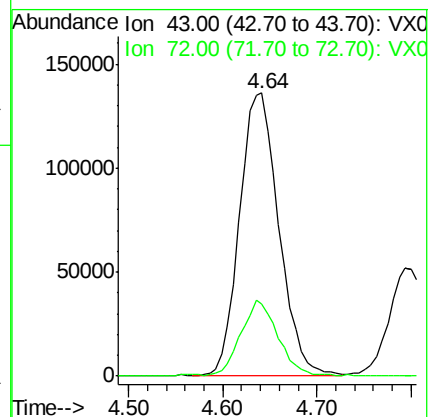
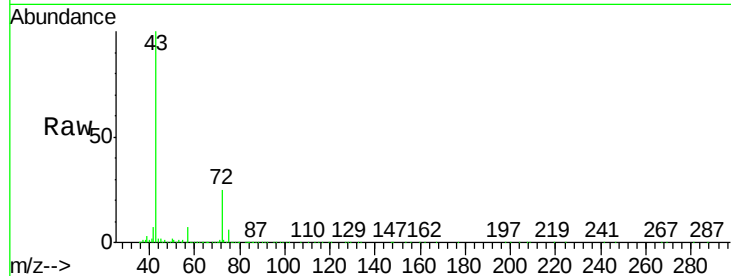
VX0730WBS01

Tot Ion: 43 Resp: 394924

Ion Ratio Lower Upper

43 100

72 25.2 19.0 28.4



#26

2,2-Dichloropropane

Concen: 18.258 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017677.D

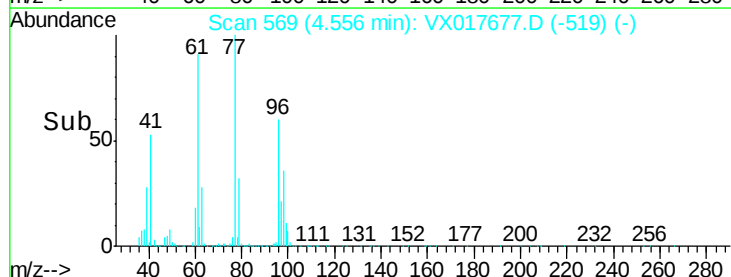
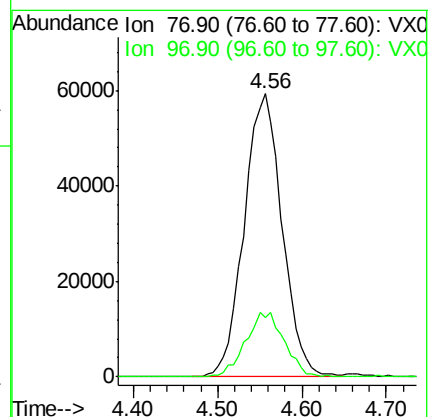
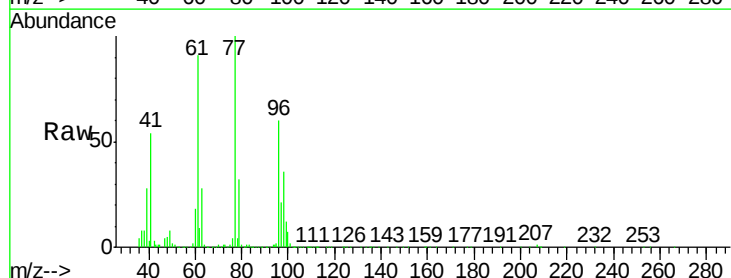
Acq: 30 Jul 2020 12:32

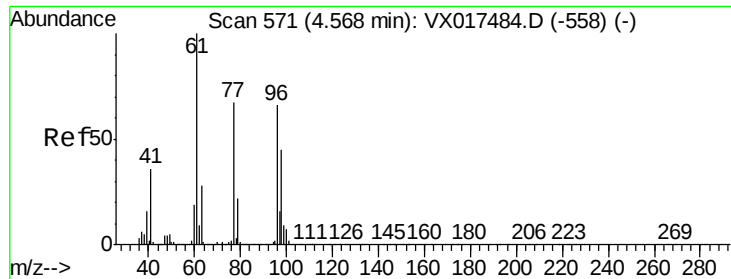
Tgt Ion: 77 Resp: 179829

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9



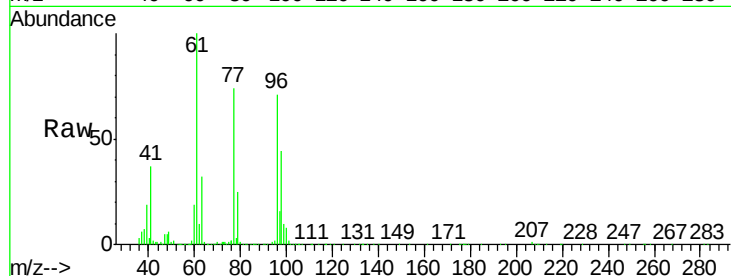


#27

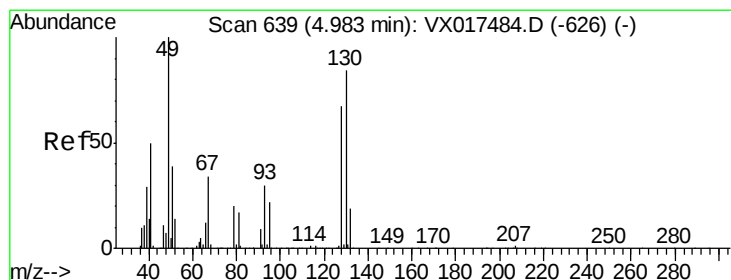
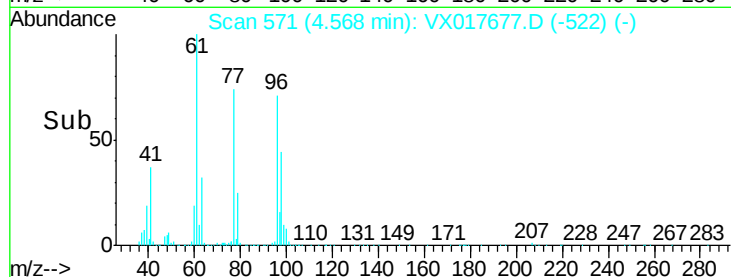
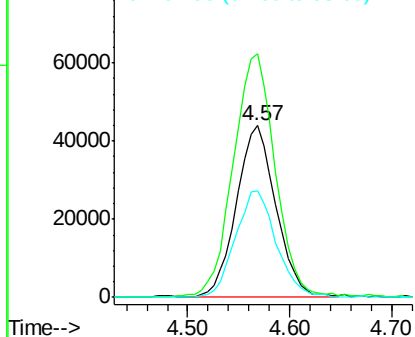
cis-1,2-Dichloroethene
Concen: 17.827 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	96	Resp	118668
Ion Ratio	Lower	Upper	
96	100		
61	150.1	0.0	301.2
98	64.0	0.0	130.0



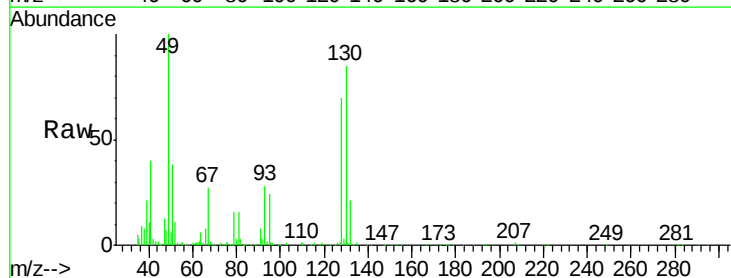
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



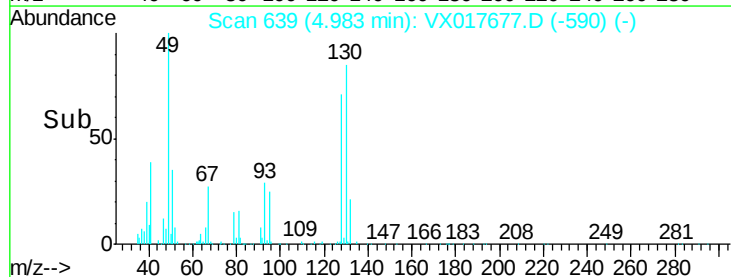
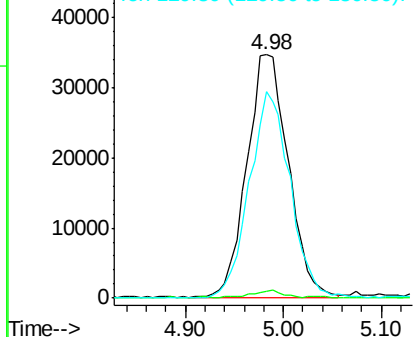
#28

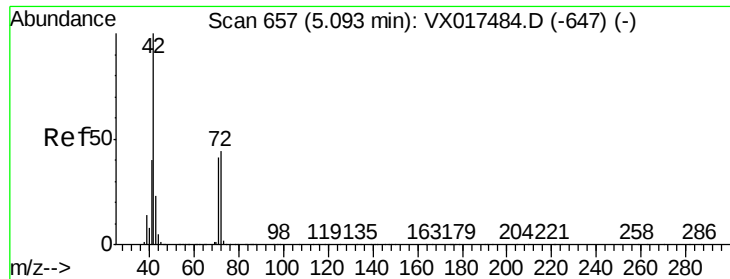
Bromochloromethane
Concen: 20.343 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	49	Resp	101429
Ion Ratio	Lower	Upper	
49	100		
129	2.9	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

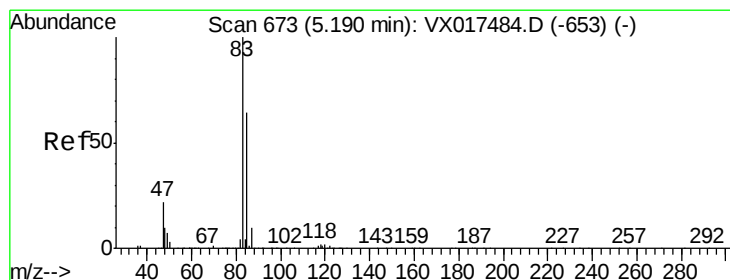
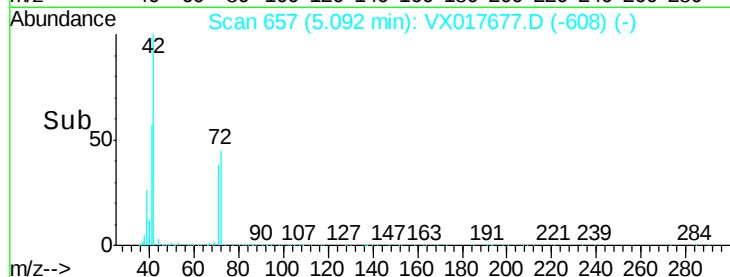
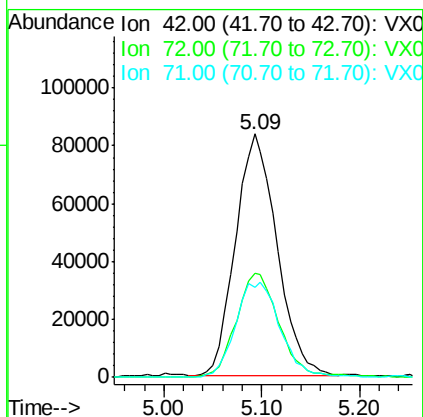
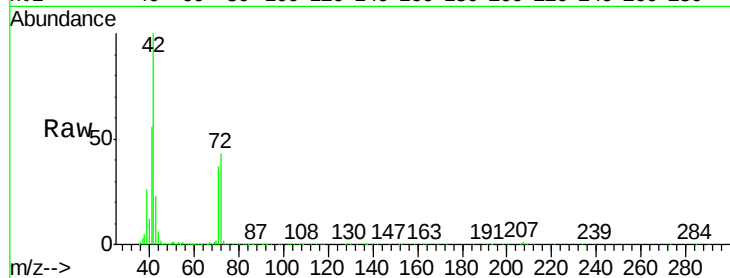




#29
Tetrahydrofuran
Concen: 88.924 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

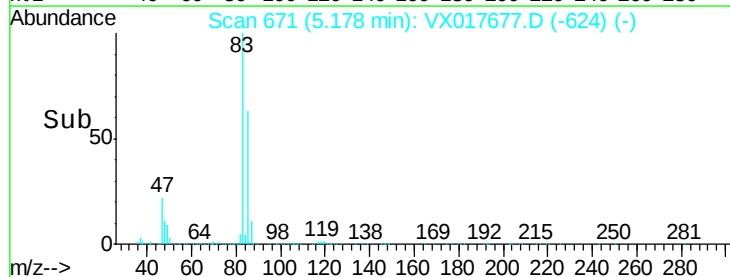
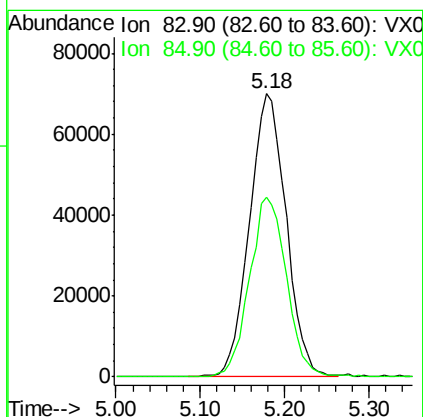
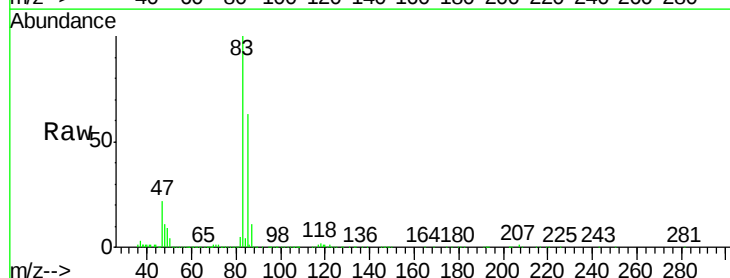
Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

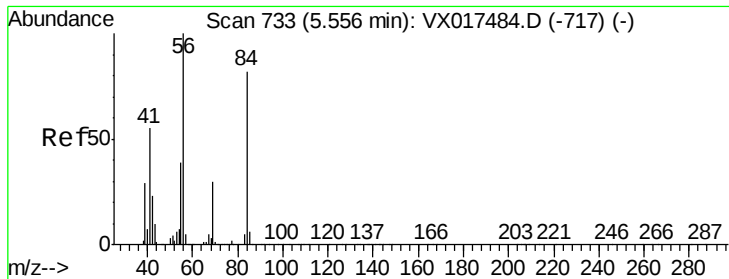
Tot Ion: 42 Resp: 245031
Ion Ratio Lower Upper
42 100
72 45.0 35.5 53.3
71 42.6 33.0 49.4



#30
Chloroform
Concen: 18.589 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 83 Resp: 208982
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2





#31

Cyclohexane

Concen: 17.449 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

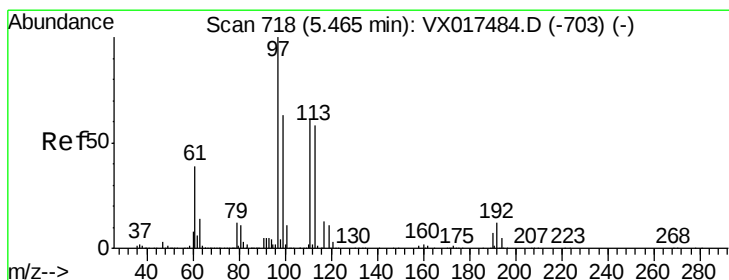
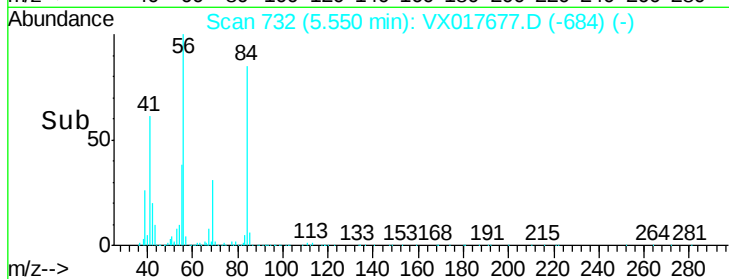
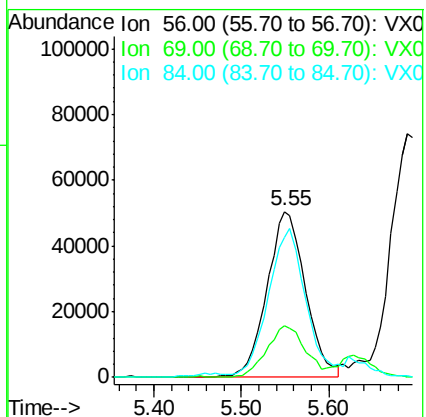
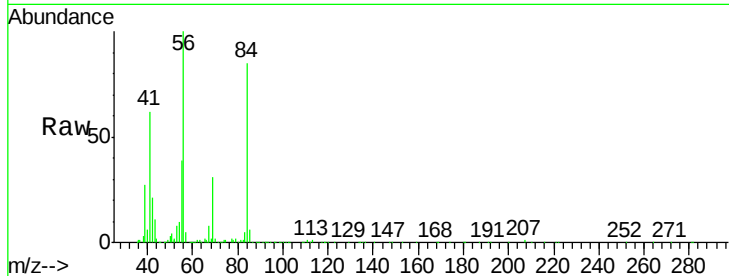
Tot Ion: 56 Resp: 153100

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 83.9 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 18.186 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

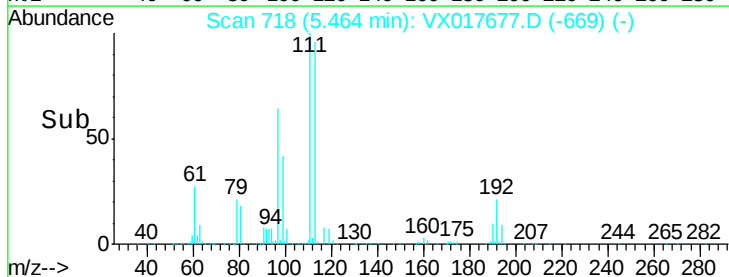
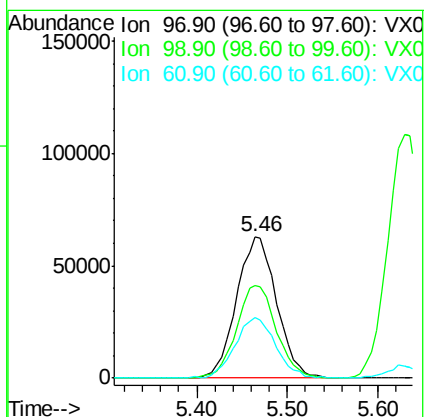
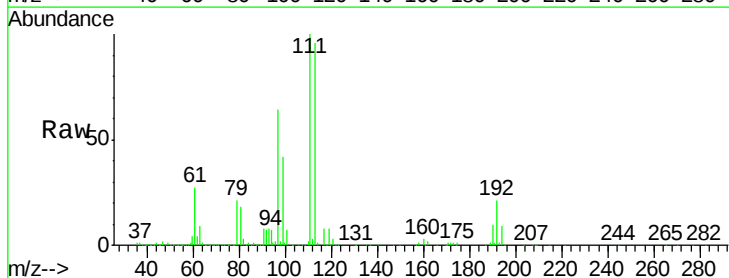
Tgt Ion: 97 Resp: 192801

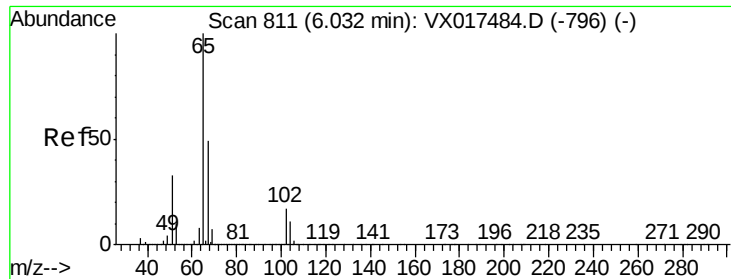
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 43.1 34.1 51.1

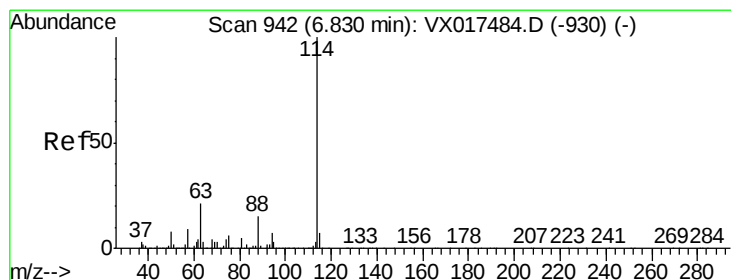
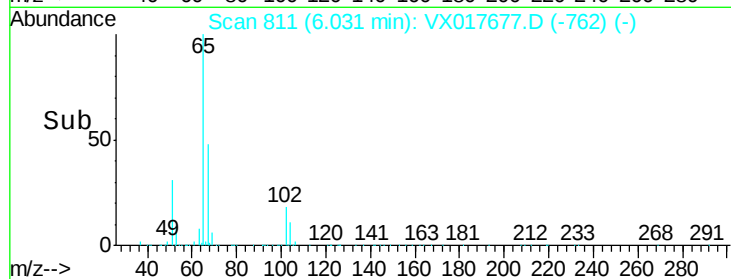
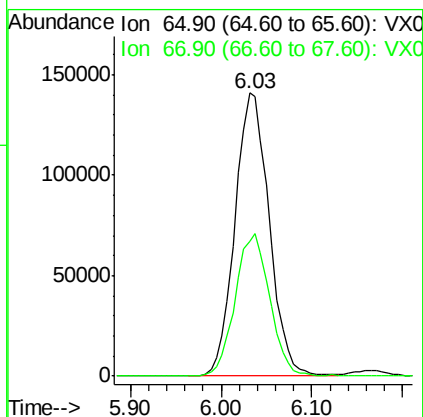
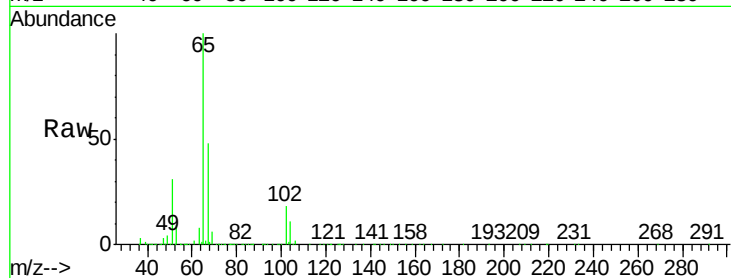




#33
 1,2-Dichloroethane-d4
 Concen: 51.835 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

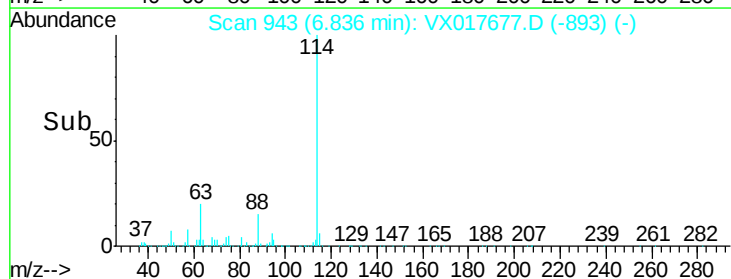
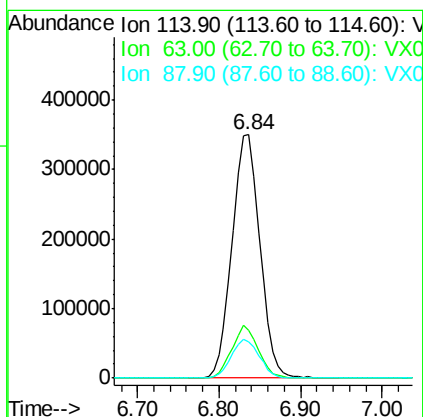
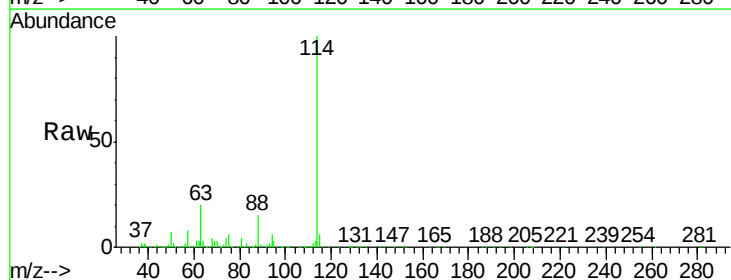
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

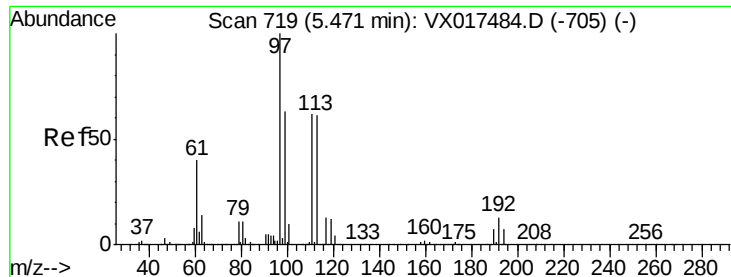
Tot Ion: 65 Resp: 368791
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion: 114 Resp: 828338
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.7 0.0 33.4

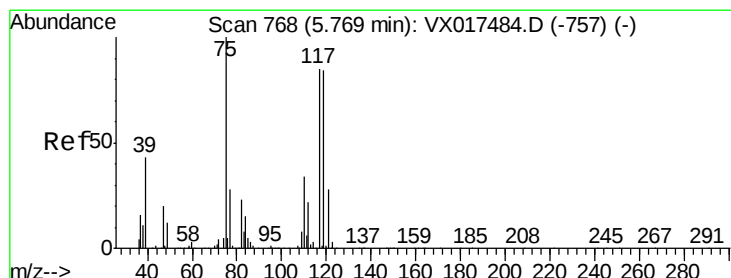
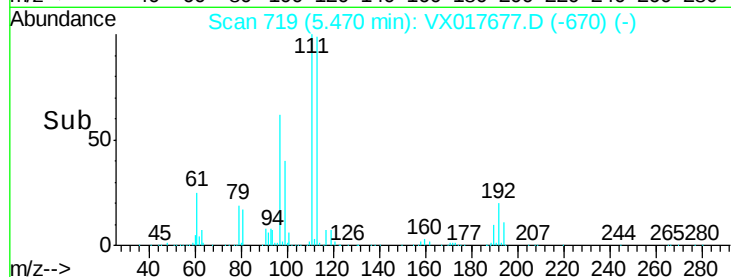
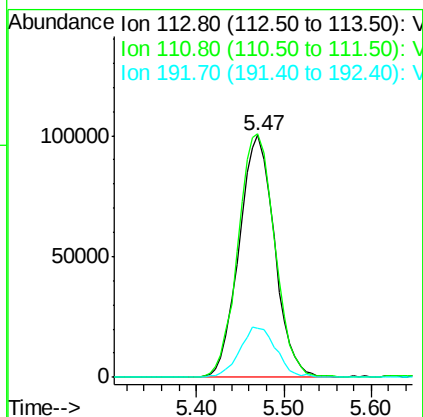
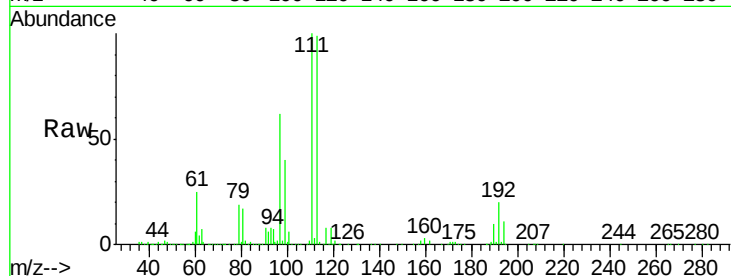




#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

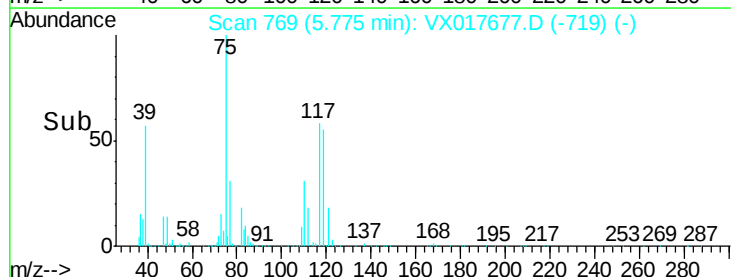
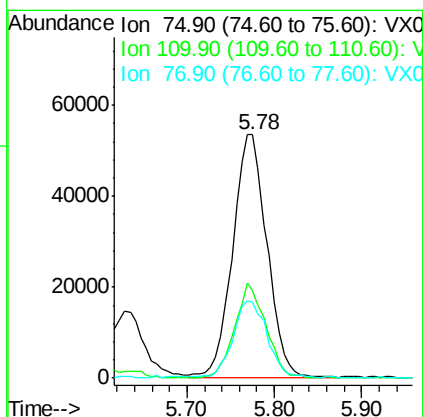
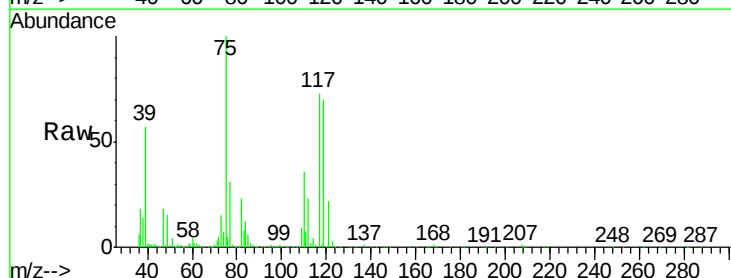
Instrument :
 MSVOA_X
 ClientSampled :
 VX0730WBS01

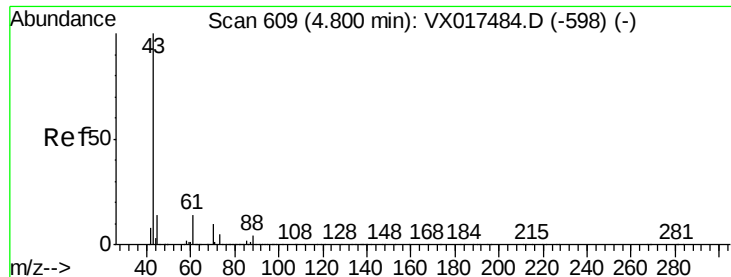
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.7	121.1
192	21.4	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 18.272 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	31.4	24.6	37.0

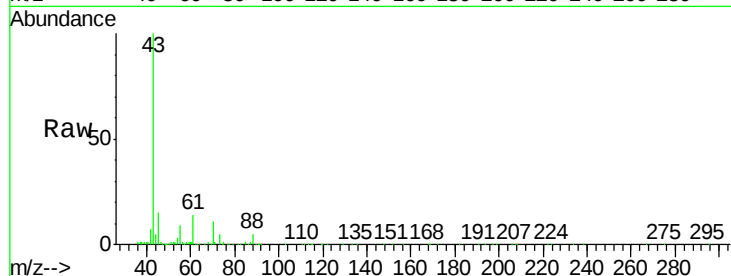




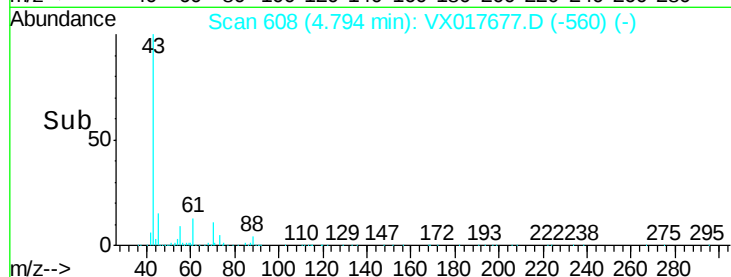
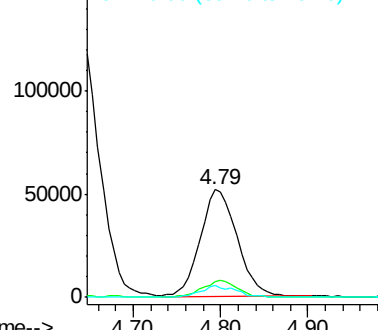
#37
Ethyl Acetate
Concen: 17.581 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion: 43 Resp: 152821
Ion Ratio Lower Upper
43 100
61 15.4 10.7 16.1
70 10.7 8.5 12.7

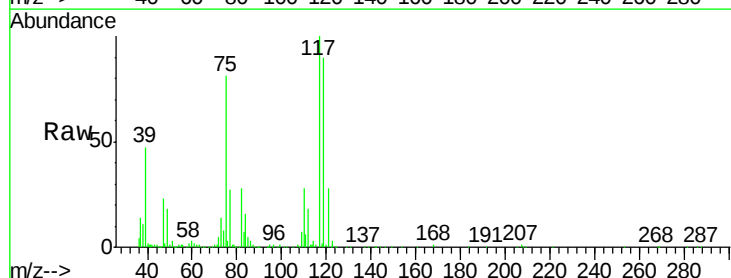
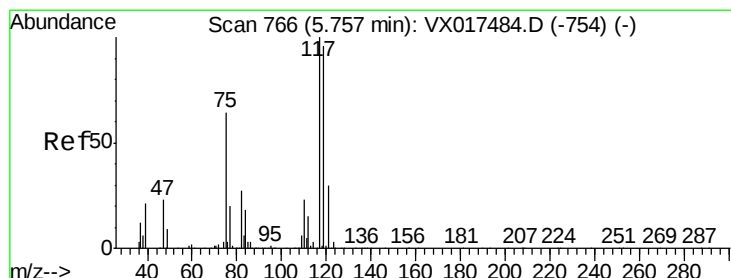


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

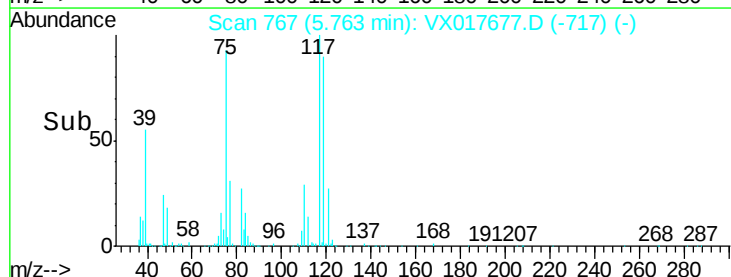
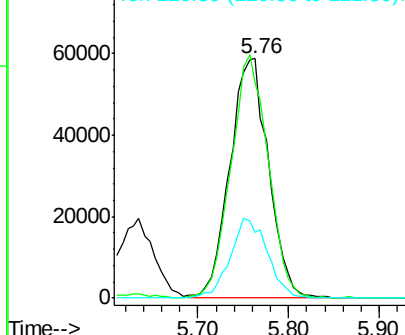


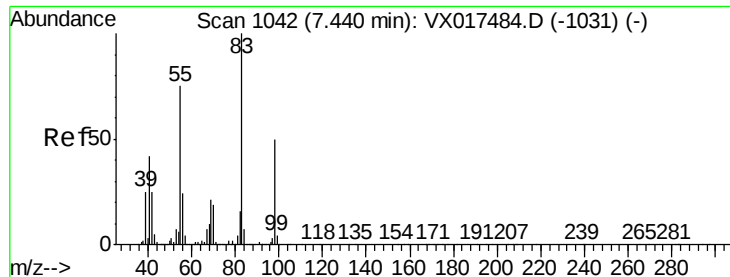
#38
Carbon Tetrachloride
Concen: 18.098 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 117 Resp: 174605
Ion Ratio Lower Upper
117 100
119 90.0 75.4 113.0
121 27.6 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

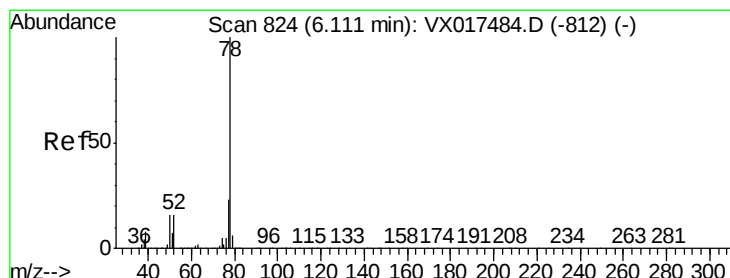
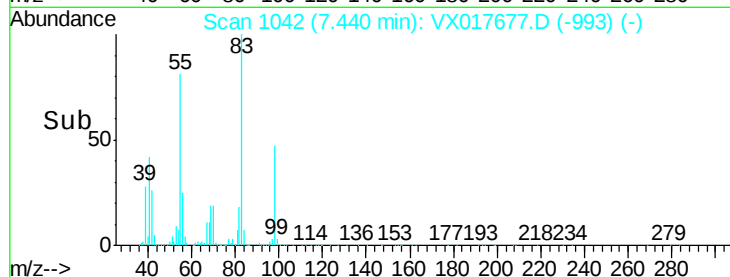
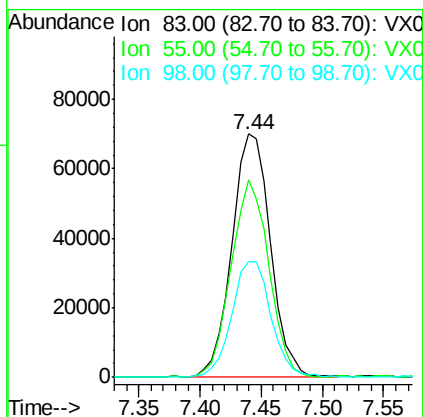
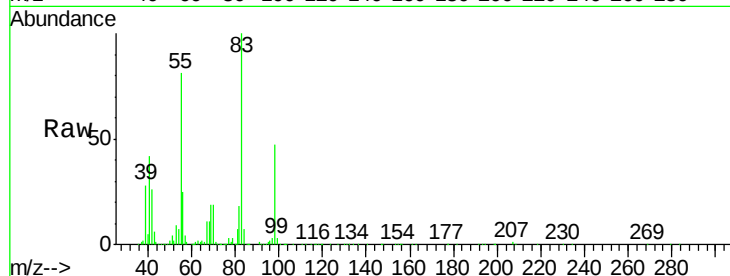




#39
Methvlcvclohexane
Concen: 16.557 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

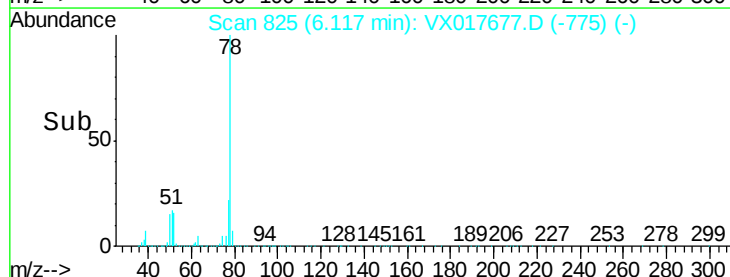
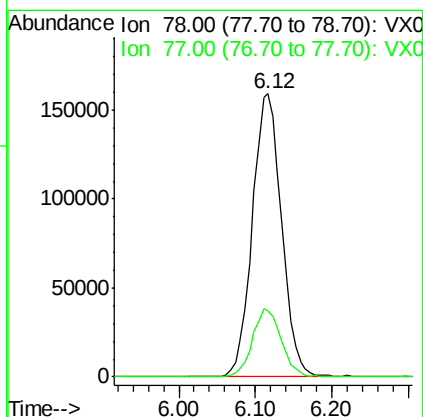
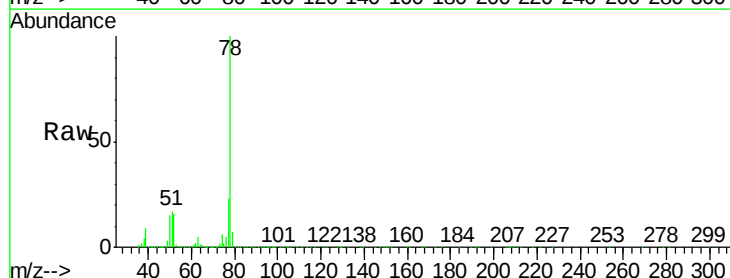
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

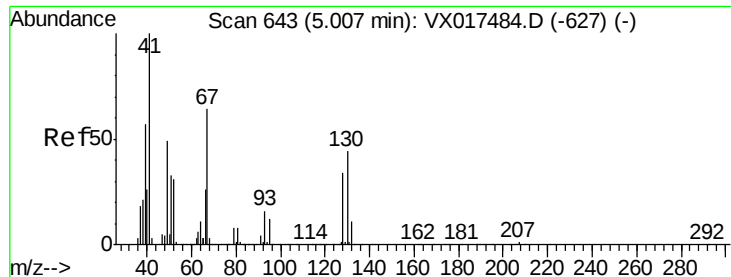
Tot Ion	83	Resp	153551
Ion Ratio	Lower	Upper	
83	100		
55	80.5	61.8	92.8
98	47.2	36.9	55.3



#40
Benzene
Concen: 18.606 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	78	Resp	423791
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.4	29.2

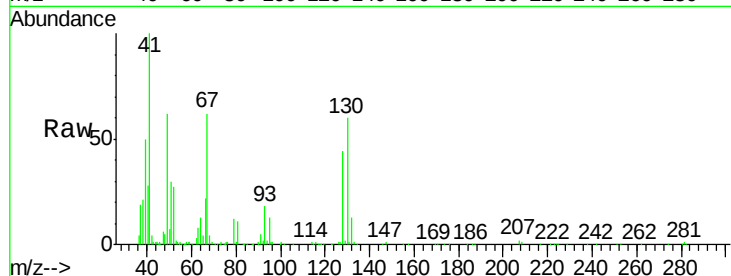




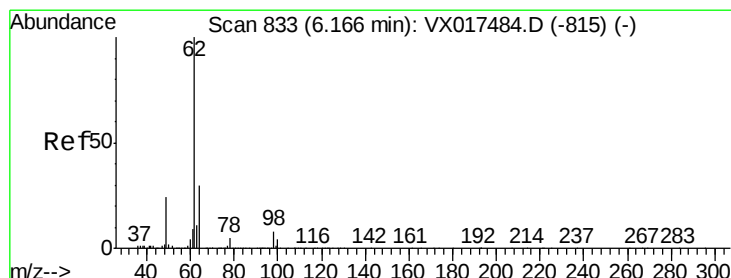
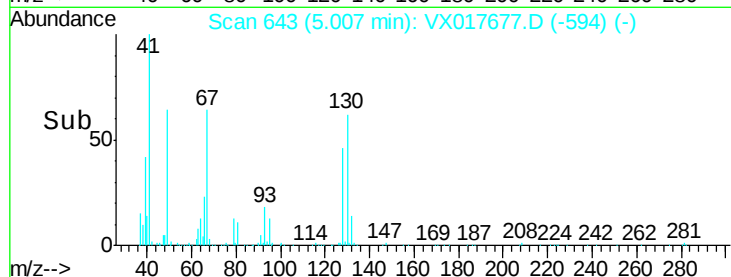
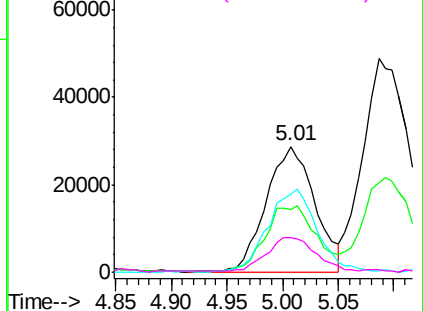
#41
Methacrylonitrile
Concen: 17.515 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion:	41	Resp:	87268
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.9	65.9
67	65.6	54.0	81.0
52	27.1	23.0	34.6

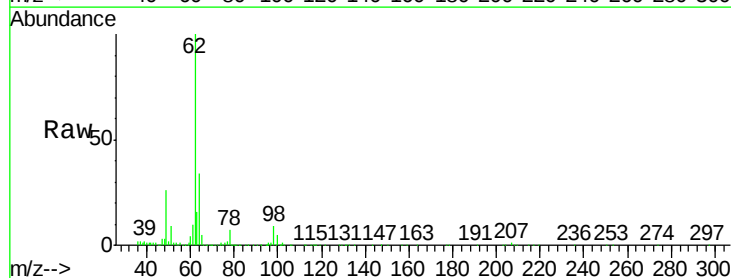


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

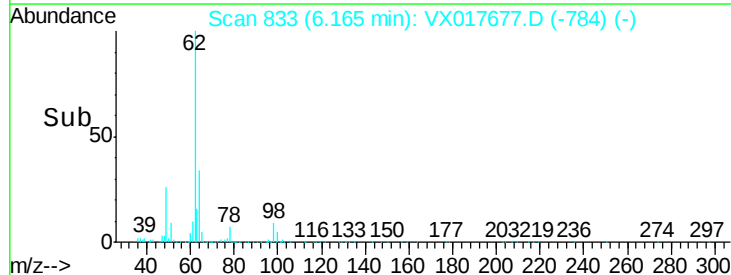
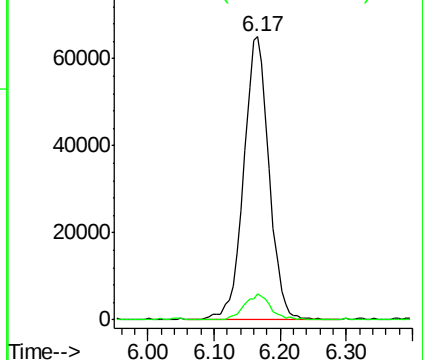


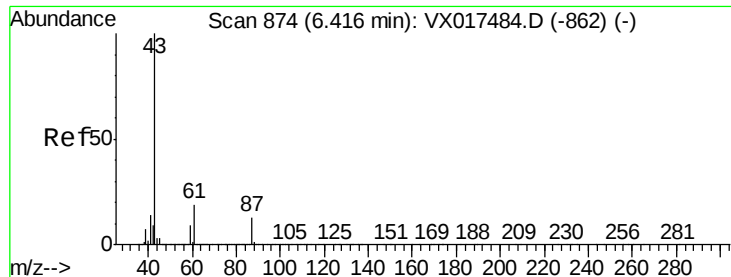
#42
1,2-Dichloroethane
Concen: 18.526 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion:	62	Resp:	172622
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



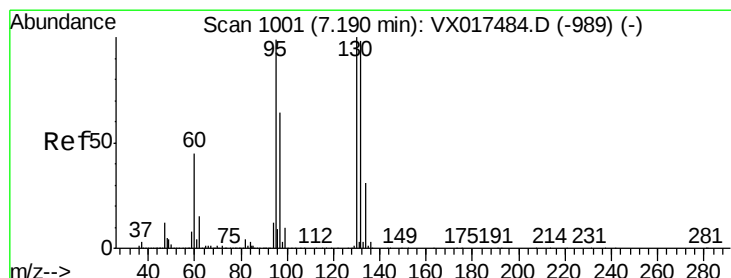
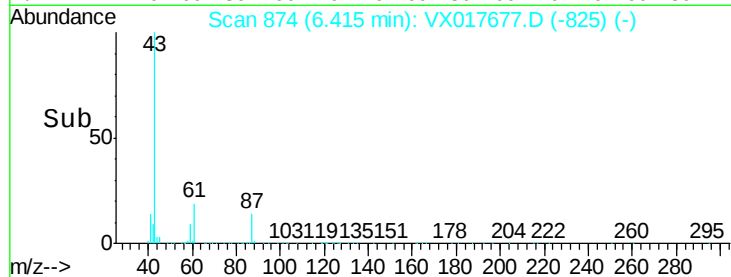
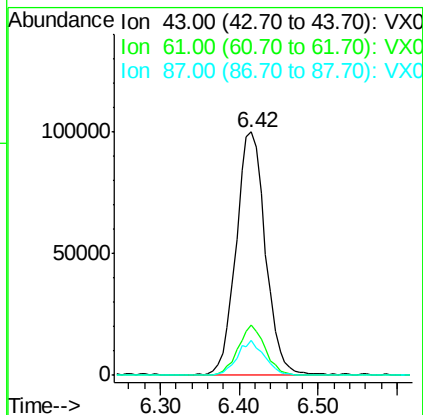
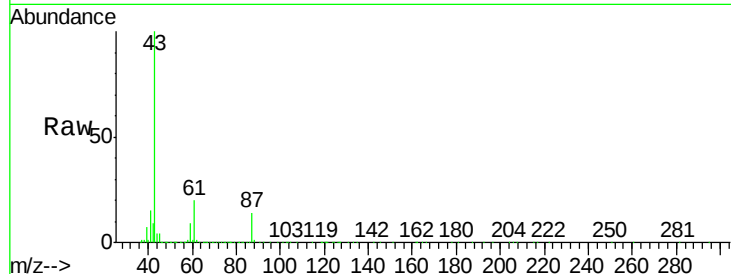


#43

Isopropyl Acetate
 Concen: 17.932 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

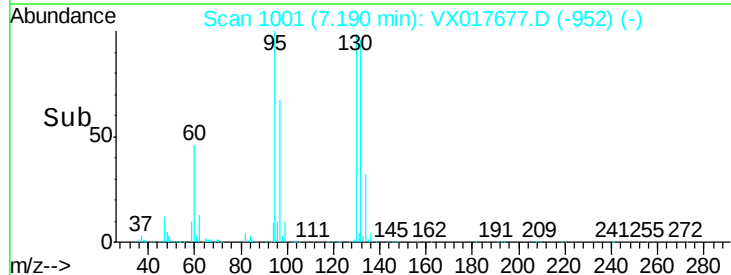
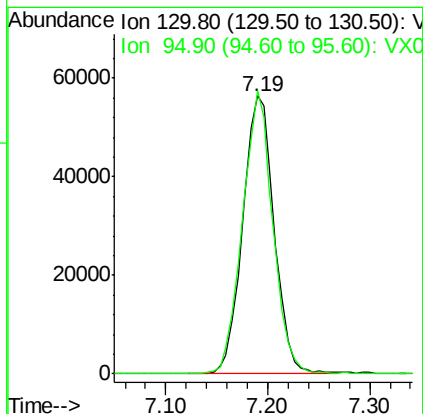
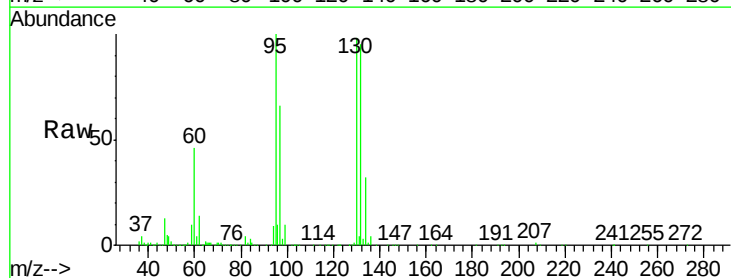
Tot Ion	43	Resp	257181
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.5	23.3
87	13.4	10.5	15.7

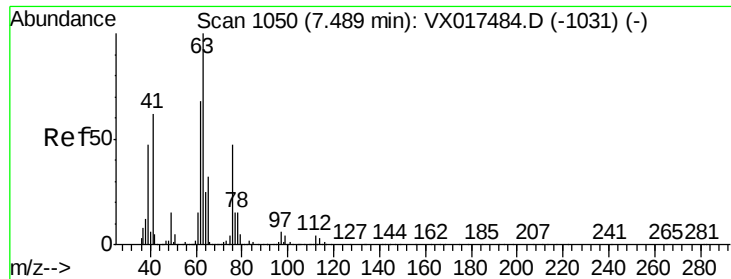


#44

Trichloroethene
 Concen: 18.159 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	130	Resp	120873
Ion Ratio	Lower	Upper	
130	100		
95	101.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 17.382 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

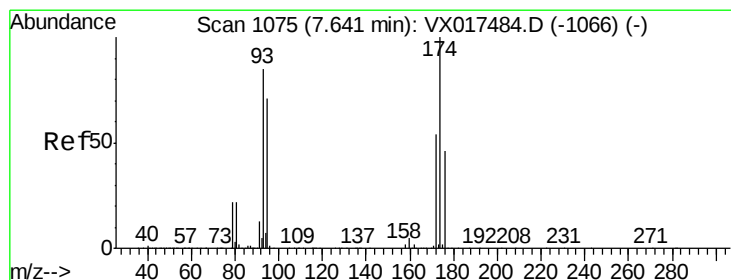
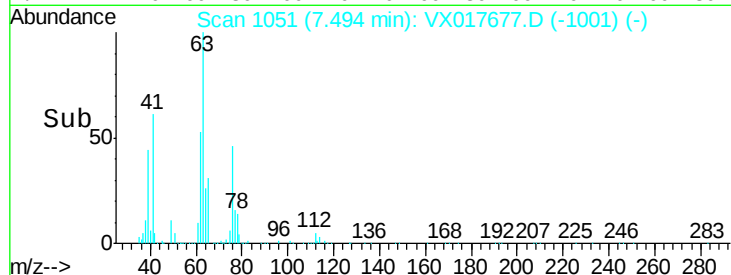
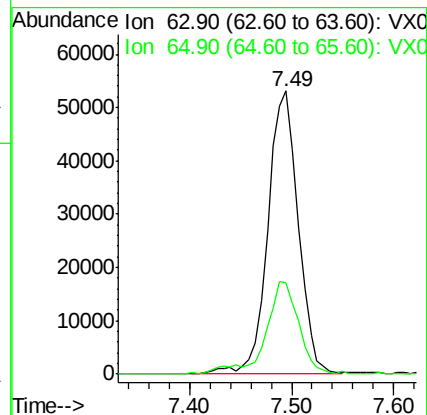
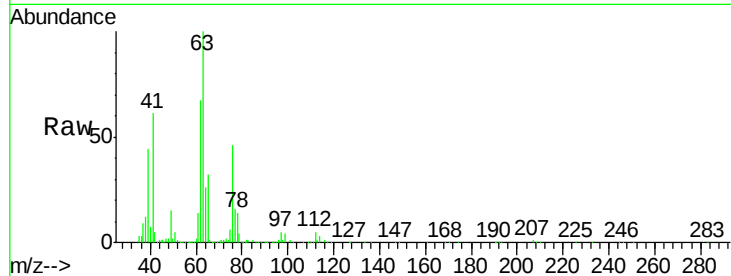
VX0730WBS01

Tot Ion: 63 Resp: 109748

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 17.396 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

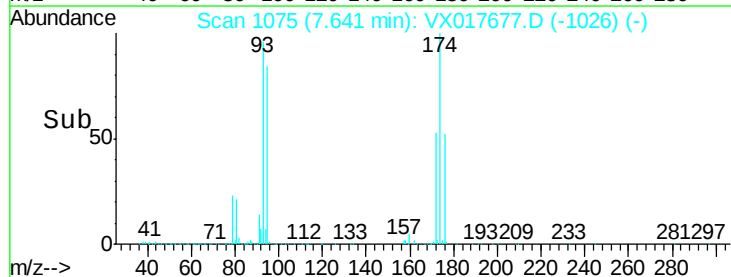
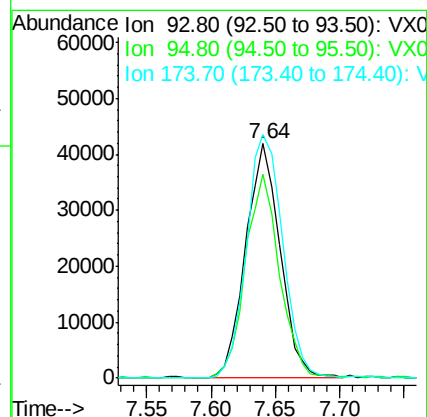
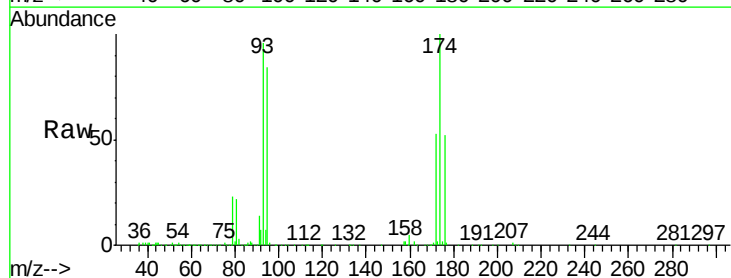
Tgt Ion: 93 Resp: 77626

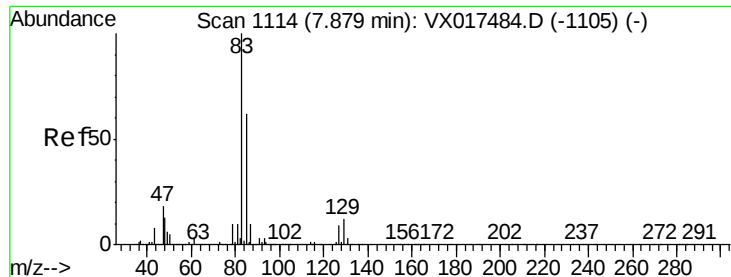
Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 109.1 87.0 130.6





#47

Bromodichloromethane

Concen: 18.505 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

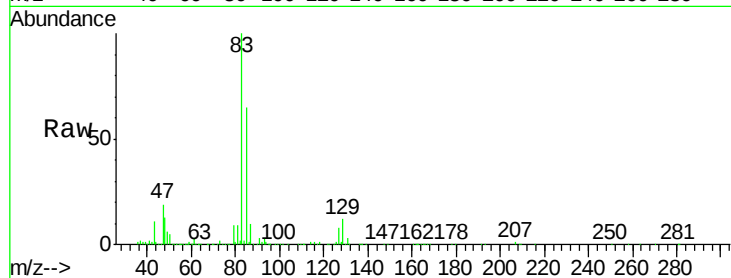
Tot Ion: 83 Resp: 166151

Ion Ratio Lower Upper

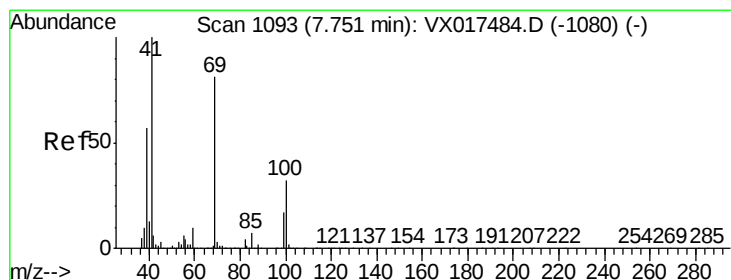
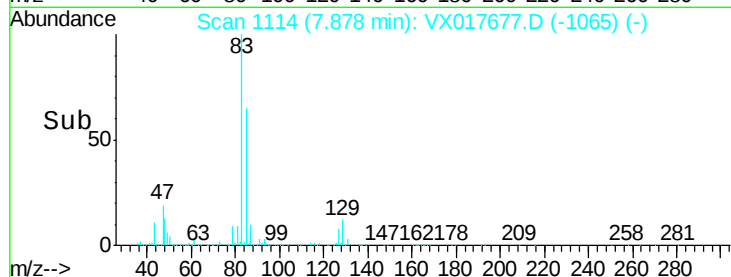
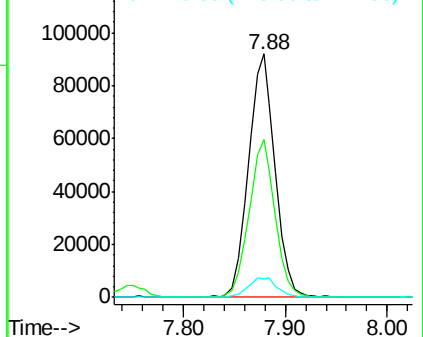
83 100

85 64.8 51.8 77.8

127 7.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.360 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

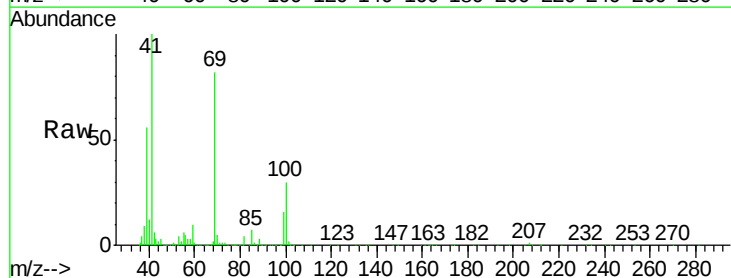
Tgt Ion: 41 Resp: 123419

Ion Ratio Lower Upper

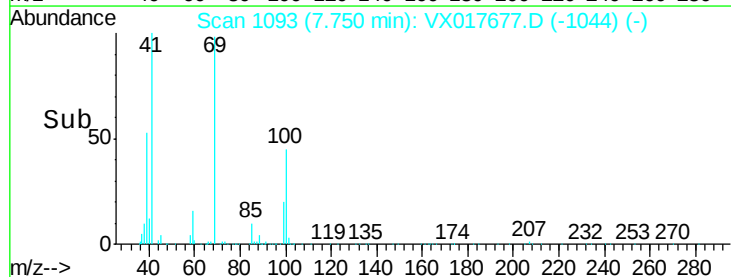
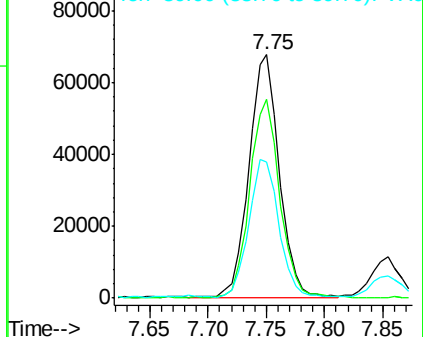
41 100

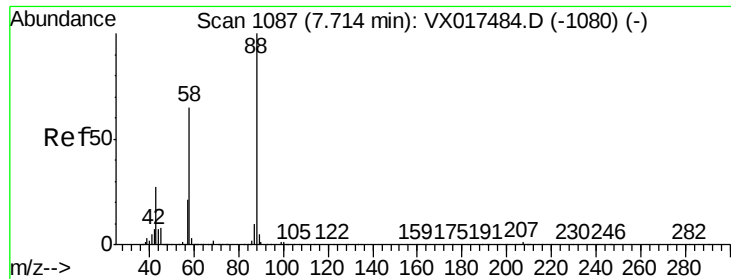
69 80.4 63.1 94.7

39 56.9 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: 358.697 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

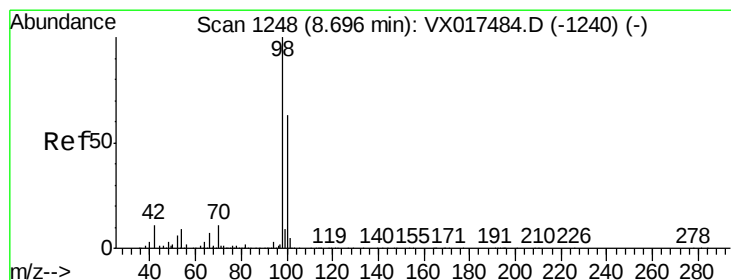
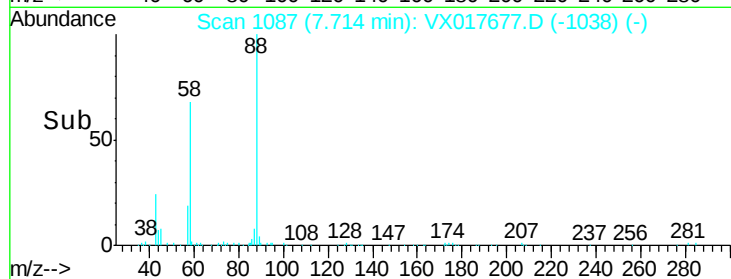
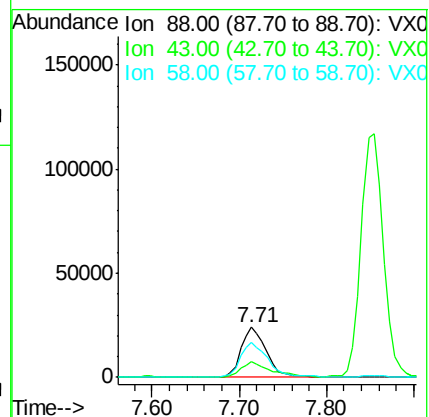
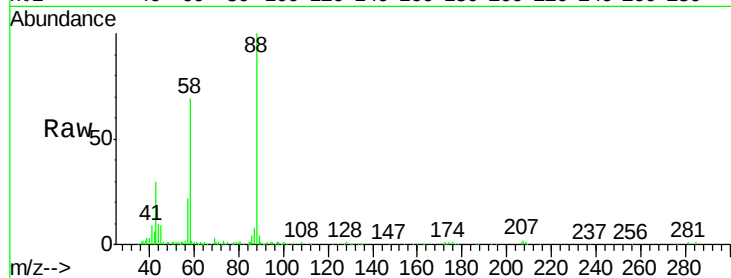
Tot Ion: 88 Resp: 48891

Ion Ratio Lower Upper

88 100

43 35.5 27.8 41.6

58 75.0 58.3 87.5



#50

Toluene-d8

Concen: 50.153 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017677.D

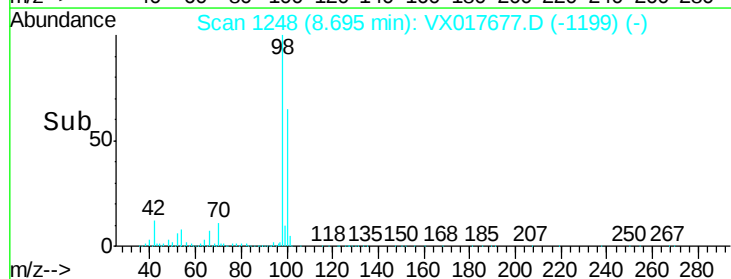
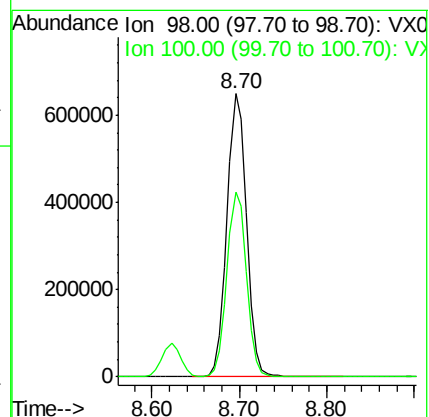
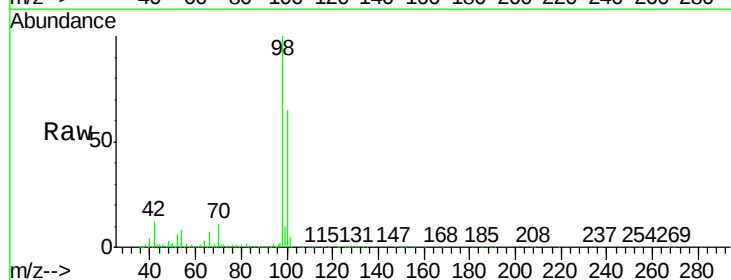
Acq: 30 Jul 2020 12:32

Tgt Ion: 98 Resp: 1002323

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 90.069 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

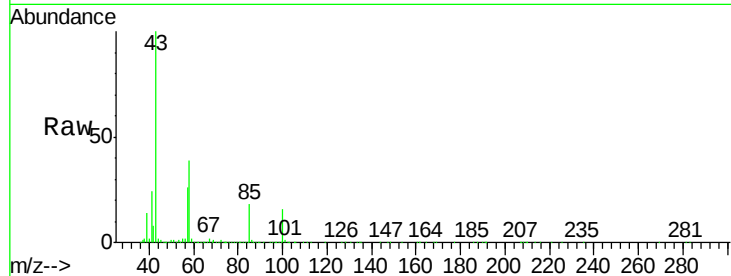
VX0730WBS01

Tot Ion: 43 Resp: 770755

Ion Ratio Lower Upper

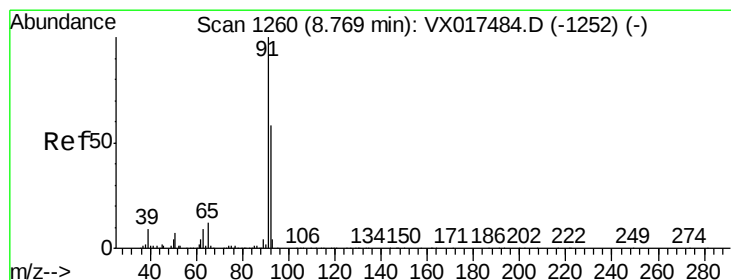
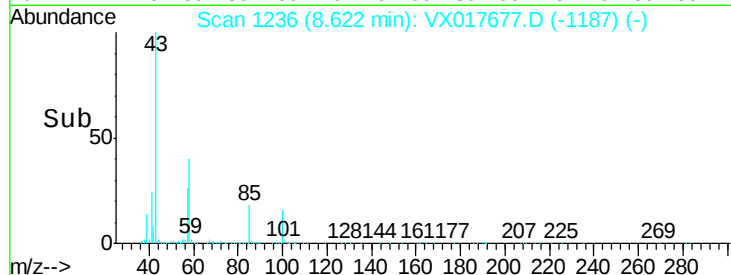
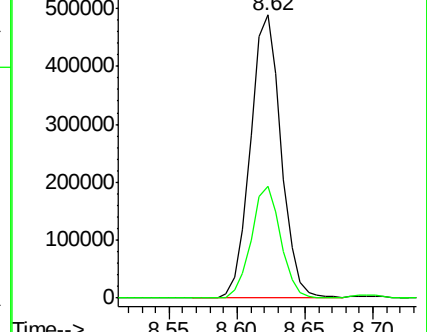
43 100

58 38.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.842 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017677.D

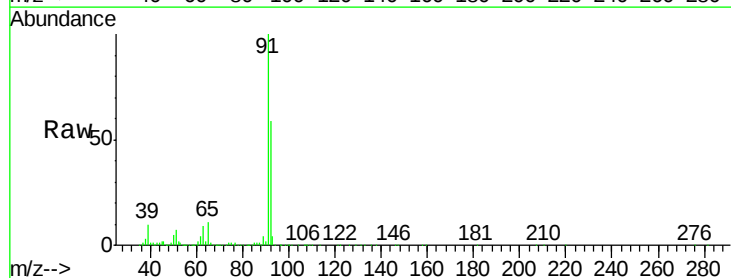
Acq: 30 Jul 2020 12:32

Tgt Ion: 92 Resp: 260618

Ion Ratio Lower Upper

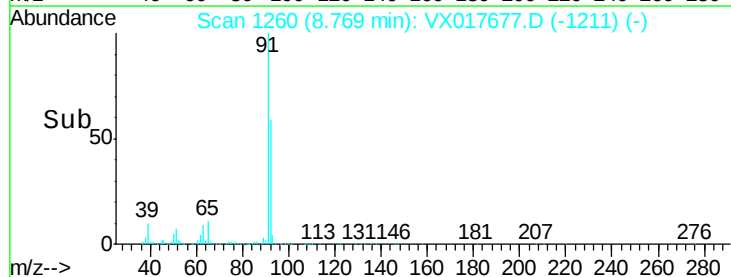
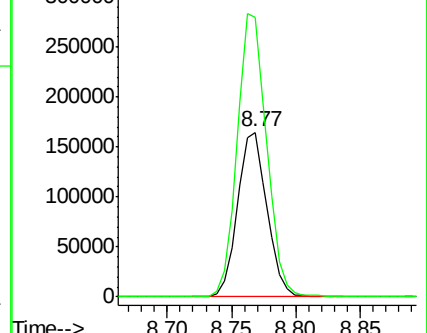
92 100

91 173.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

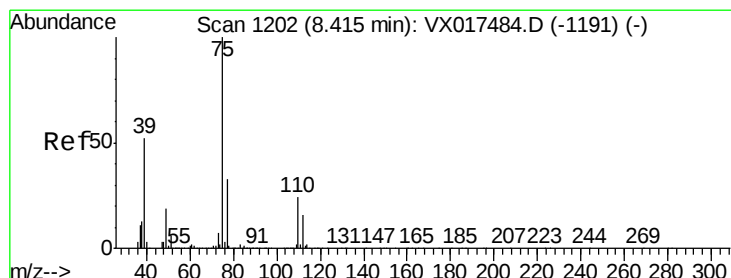
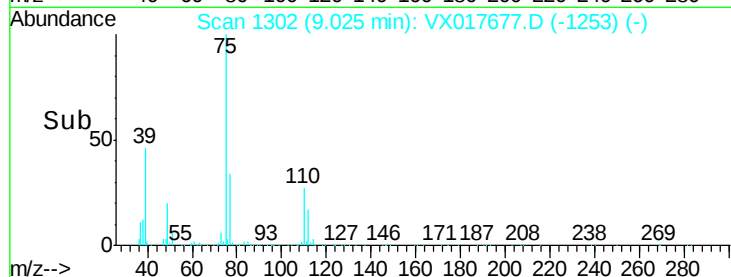
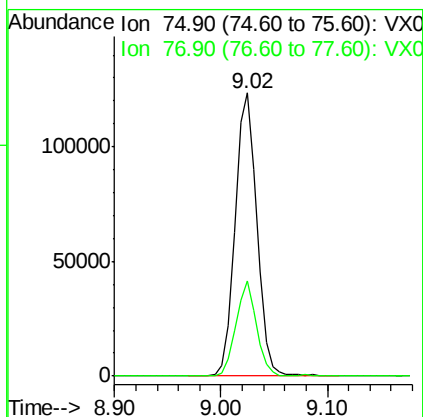
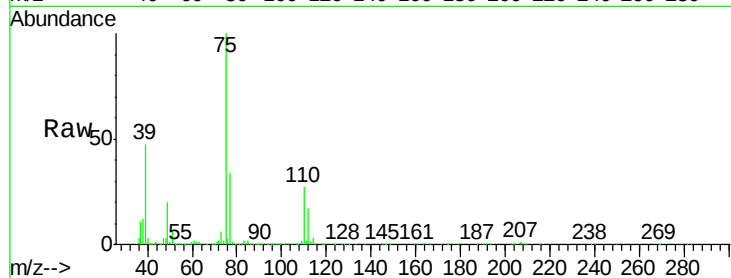




#53
t-1,3-Dichloropropene
Concen: 17.690 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

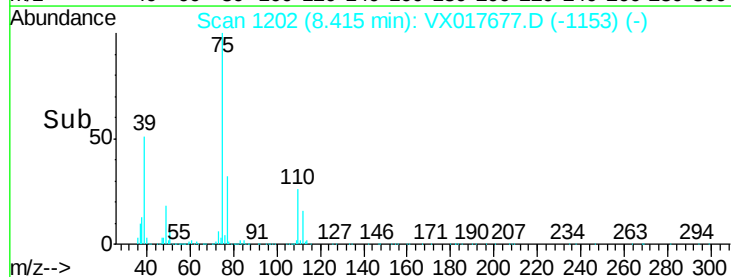
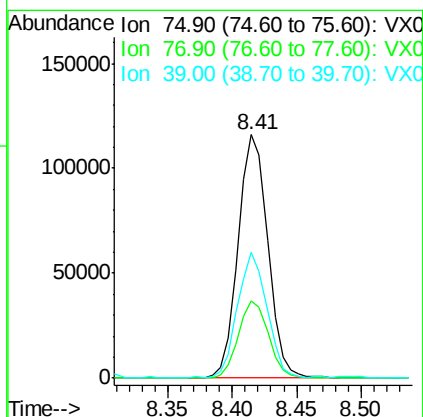
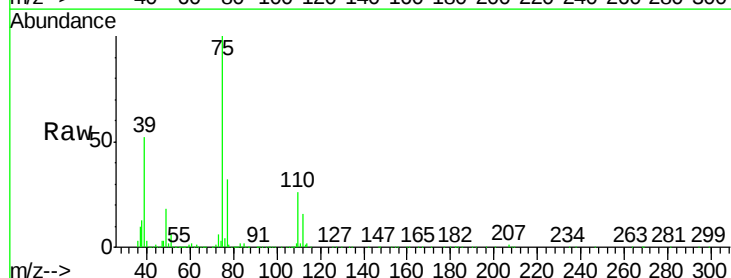
Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

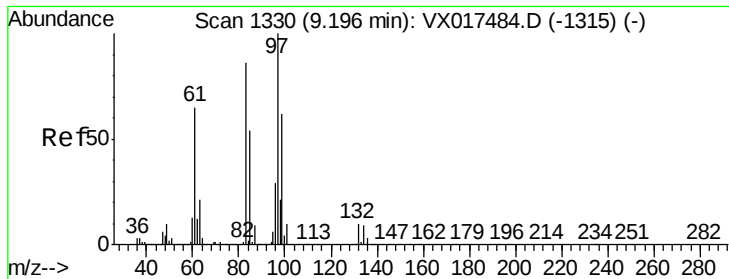
Tot Ion: 75 Resp: 177798
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.093 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 75 Resp: 185482
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 51.6 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 17.984 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

Tot Ion: 97 Resp: 109429

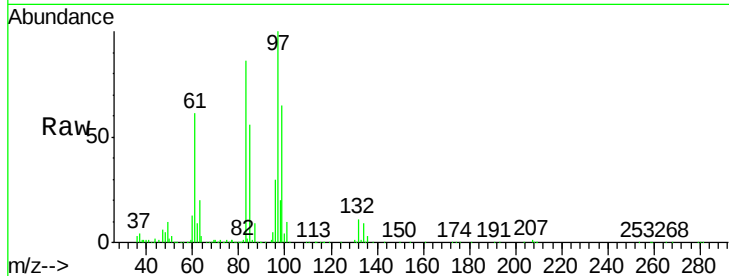
Ion Ratio Lower Upper

97 100

83 86.1 67.6 101.4

85 55.5 44.6 67.0

99 65.2 50.2 75.4

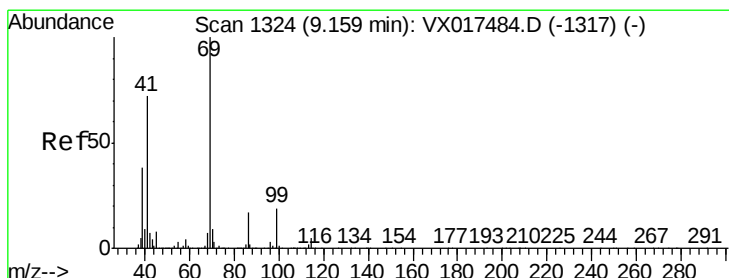
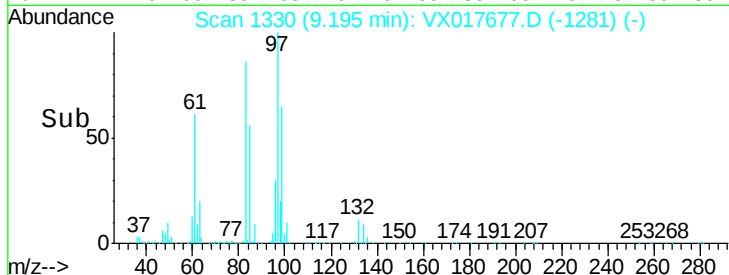
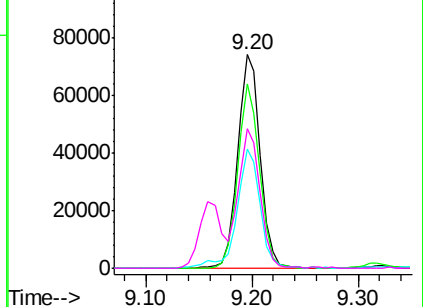


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.944 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

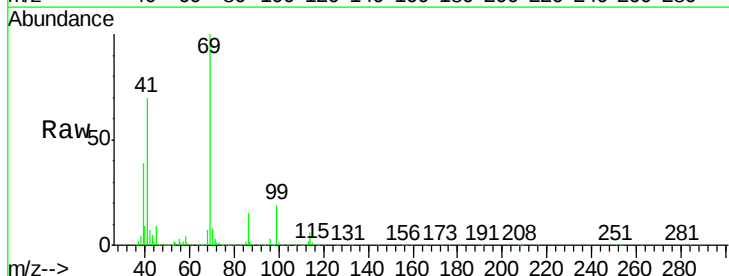
Tgt Ion: 69 Resp: 164501

Ion Ratio Lower Upper

69 100

41 67.1 55.0 82.6

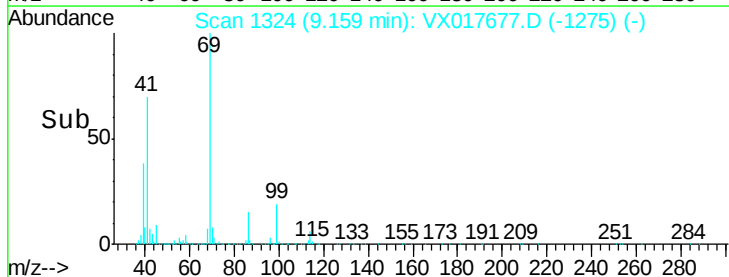
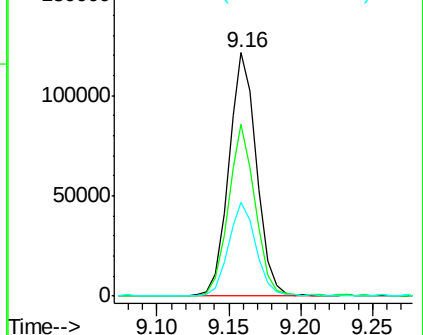
39 38.3 30.0 45.0

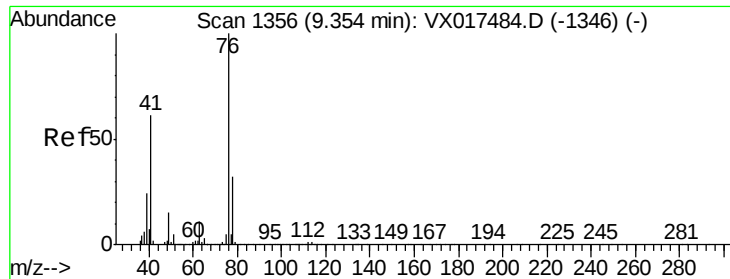


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.806 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

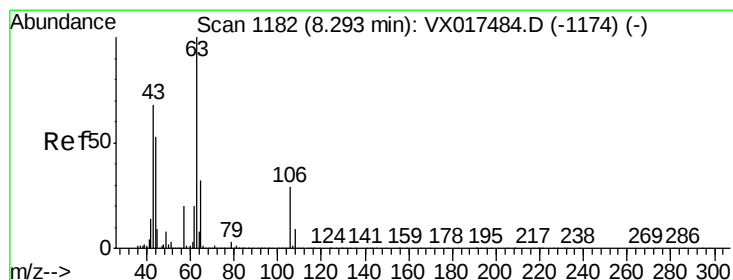
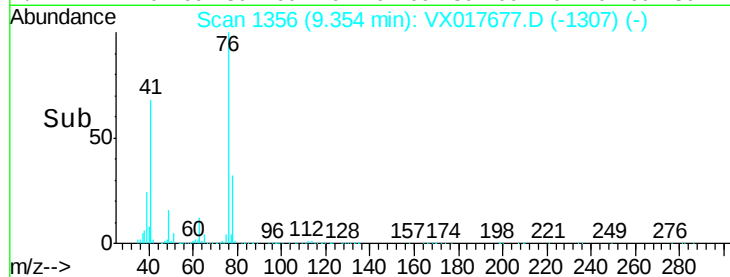
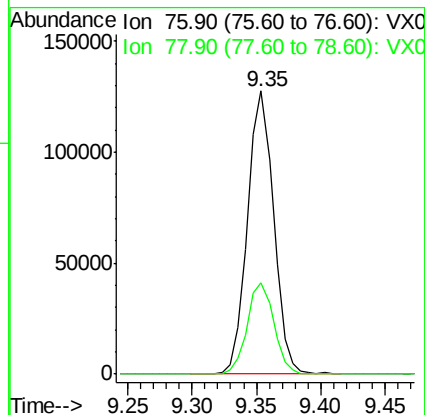
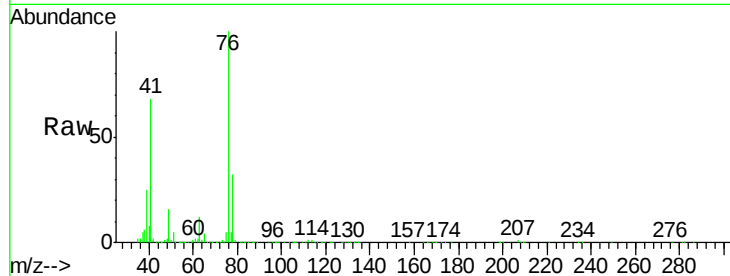
VX0730WBS01

Tot Ion: 76 Resp: 178413

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.398 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017677.D

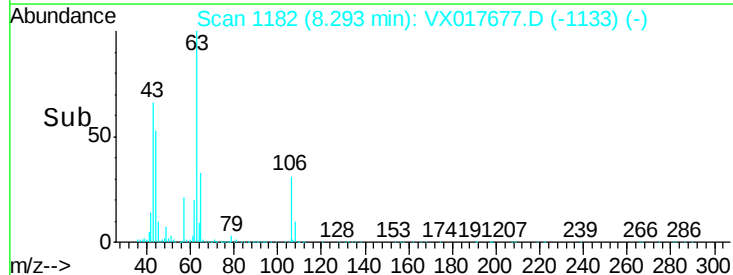
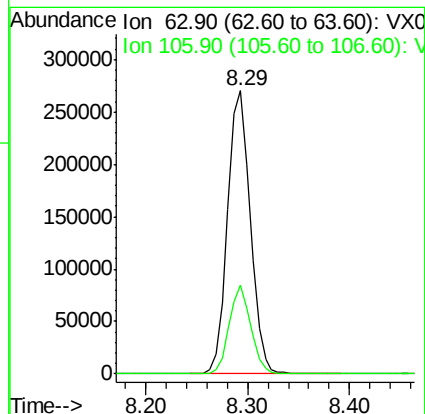
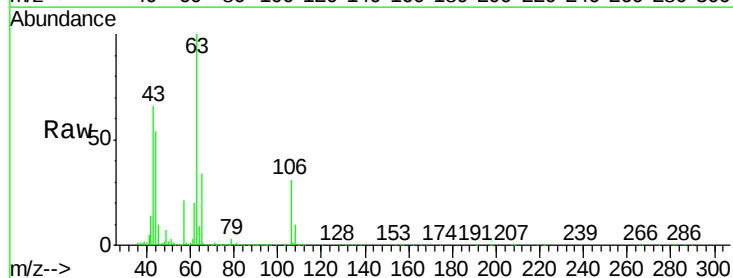
Acq: 30 Jul 2020 12:32

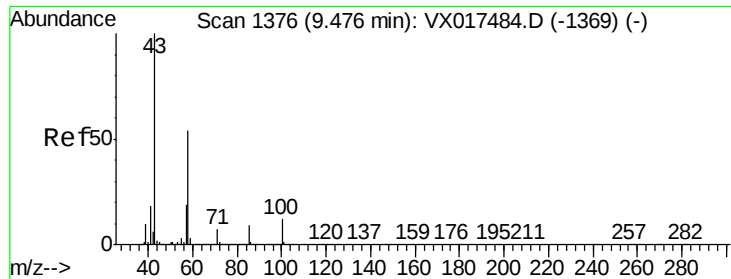
Tgt Ion: 63 Resp: 417285

Ion Ratio Lower Upper

63 100

106 29.5 22.6 34.0

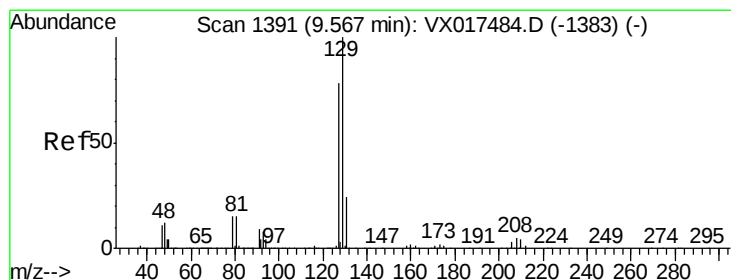
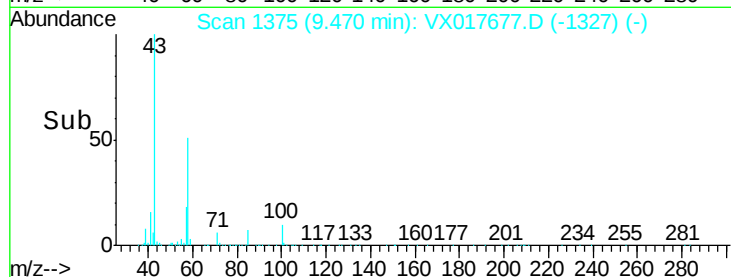
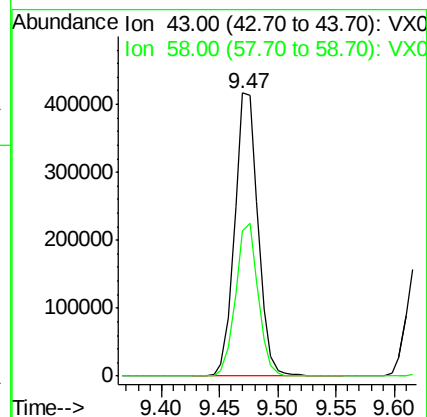
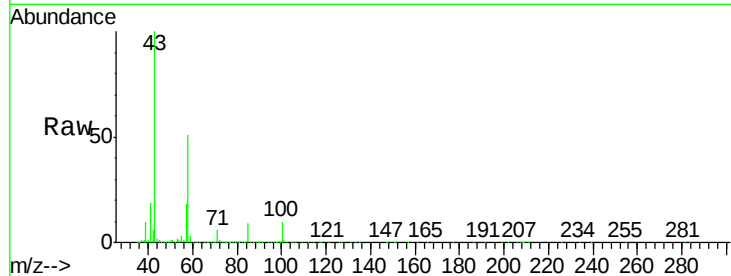




#59
2-Hexanone
Concen: 90.354 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

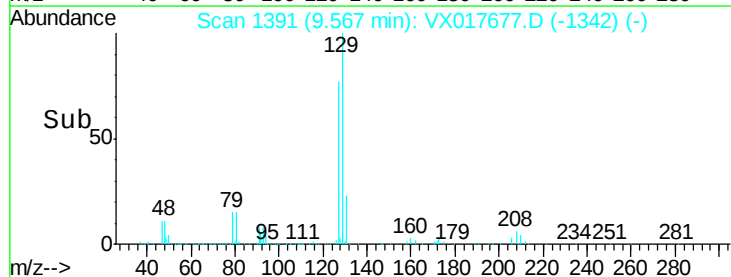
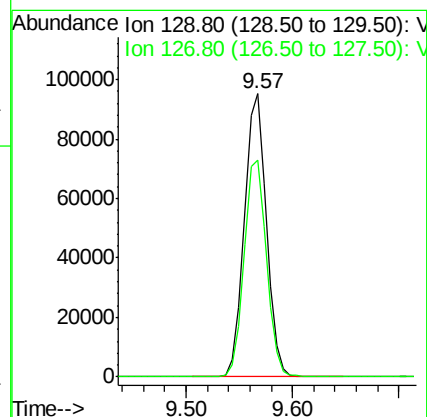
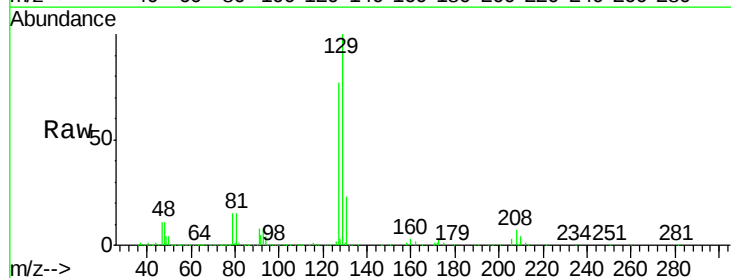
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

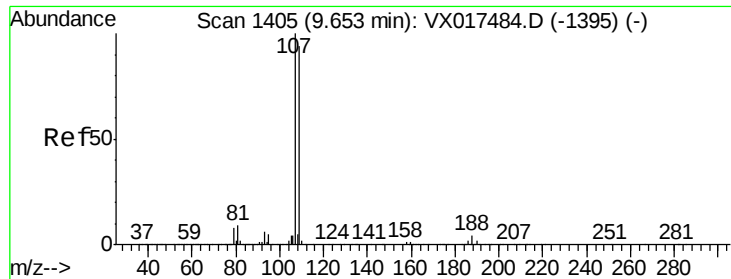
Tot Ion: 43 Resp: 582128
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8



#60
Dibromochloromethane
Concen: 17.984 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 129 Resp: 139086
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.338 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

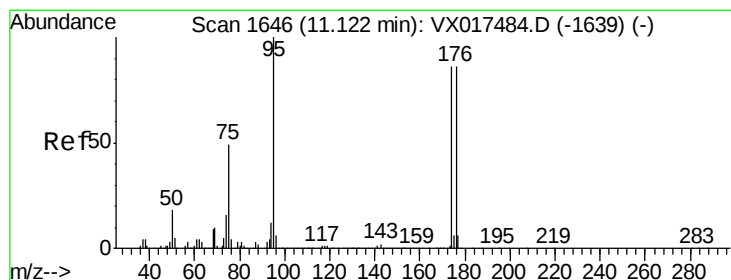
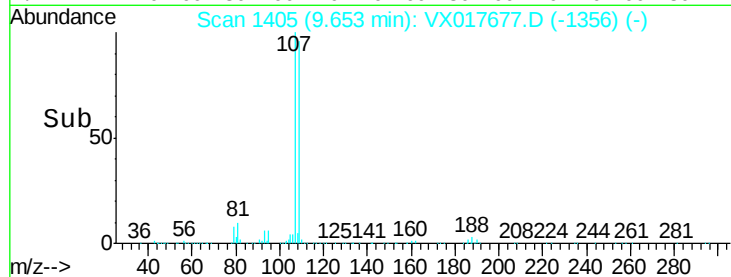
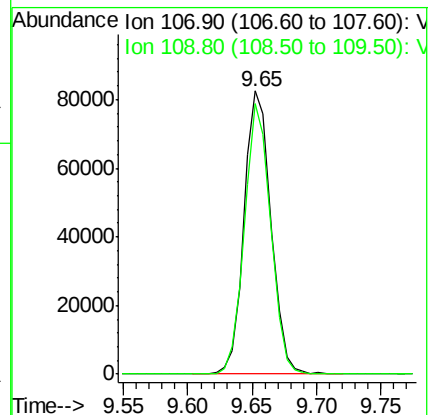
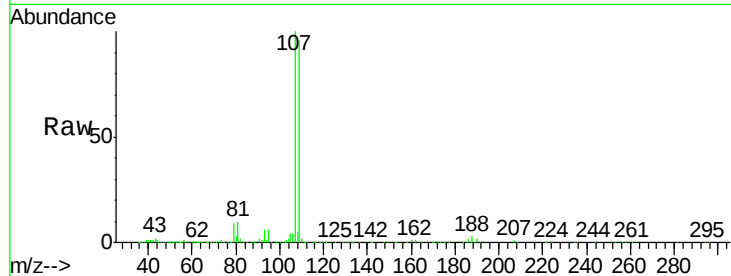
VX0730WBS01

Tot Ion:107 Resp: 118799

Ion Ratio Lower Upper

107 100

109 93.3 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 46.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

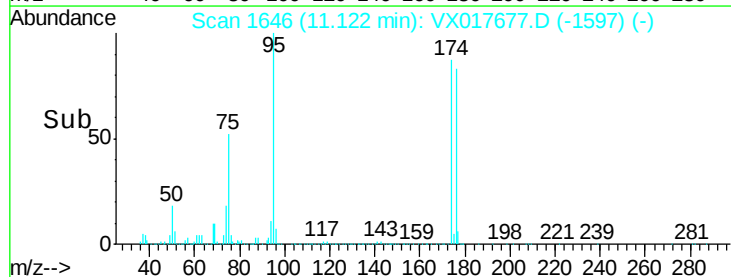
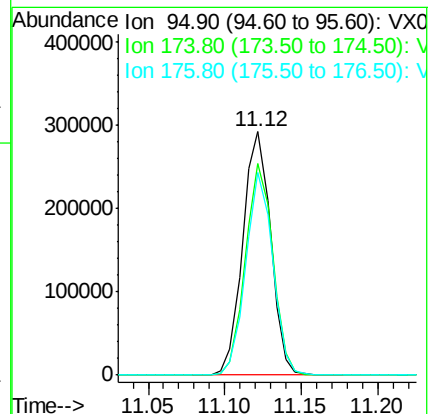
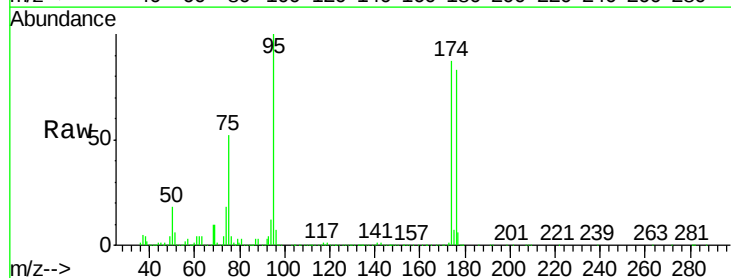
Tgt Ion: 95 Resp: 370810

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.0

176 80.3 0.0 161.0

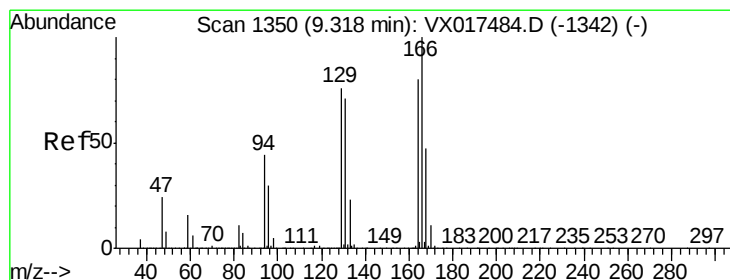
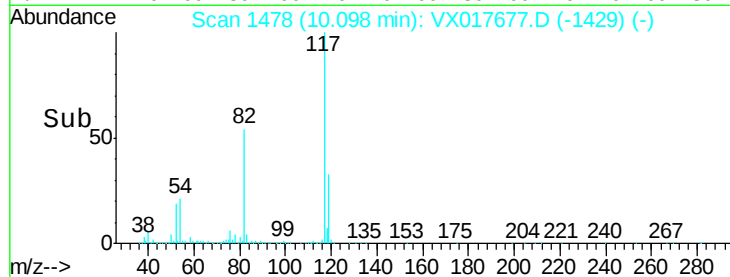
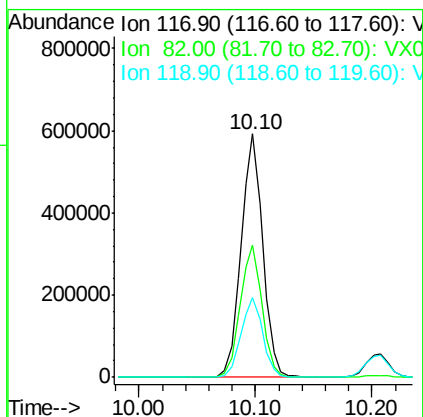
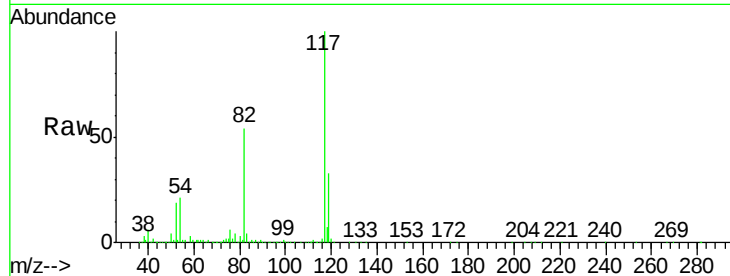




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

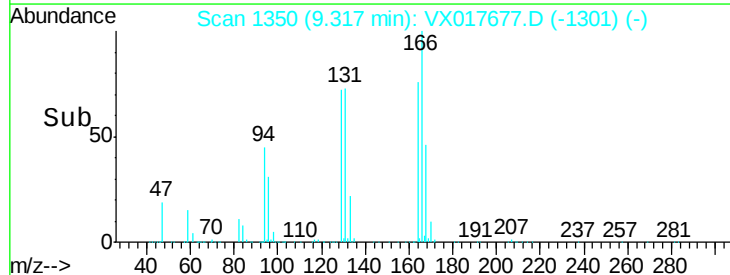
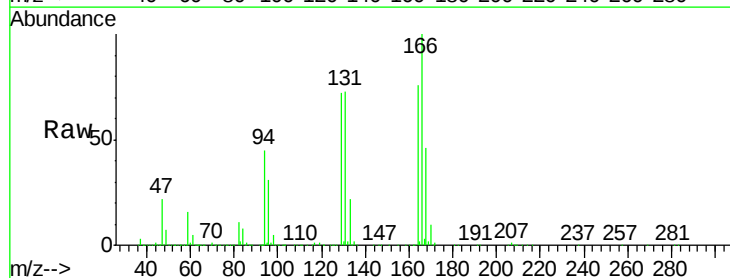
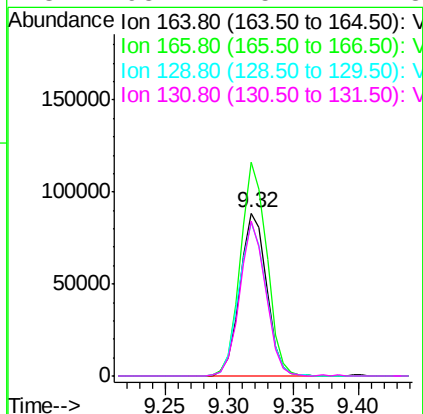
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.0	66.0
119	32.8	25.4	38.0



#64
Tetrachloroethene
Concen: 18.480 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	100.6	150.8
129	94.2	75.0	112.6
131	95.1	75.2	112.8

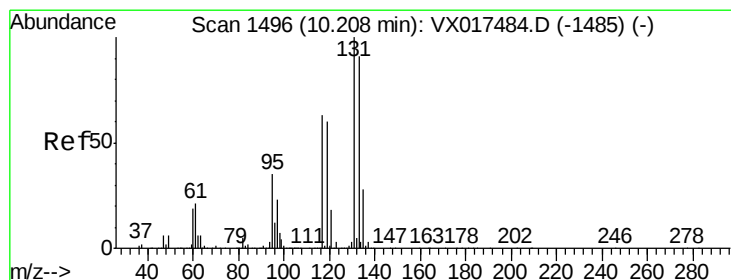
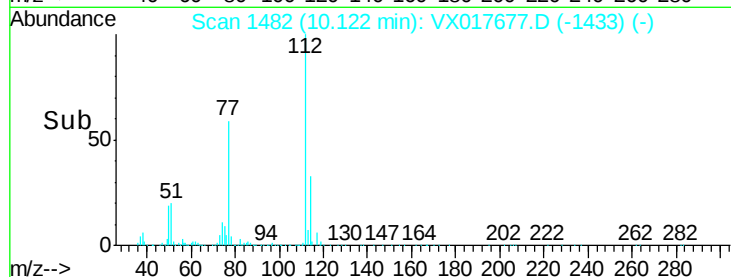
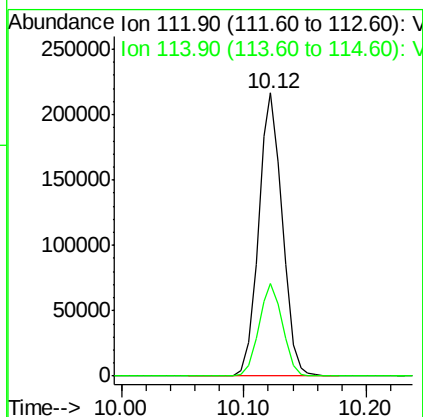
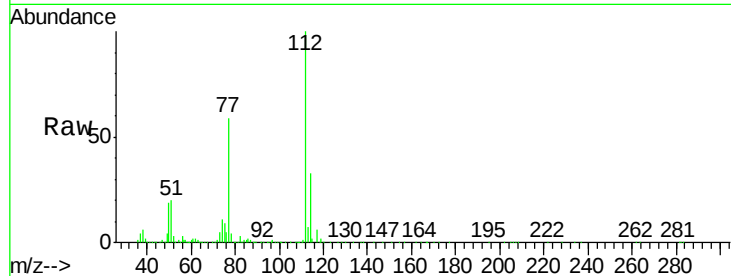




#65
Chlorobenzene
Concen: 17.682 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

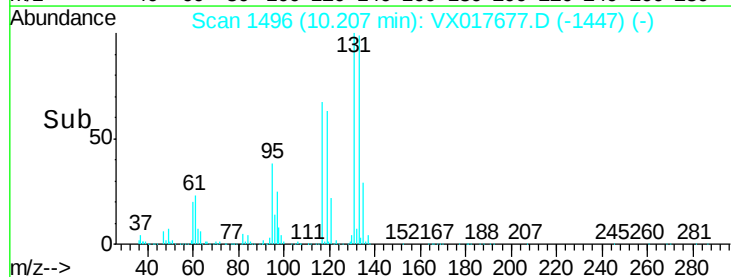
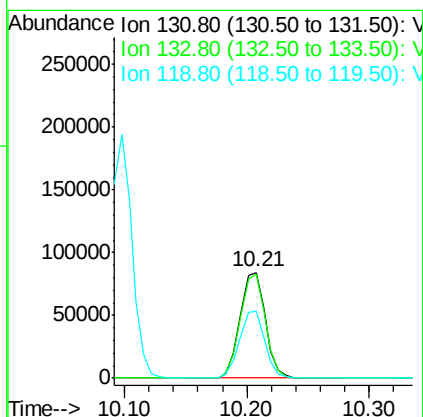
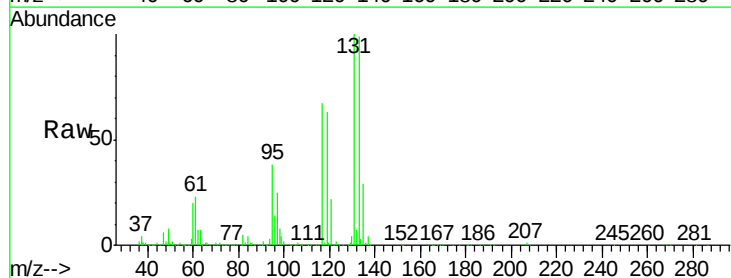
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

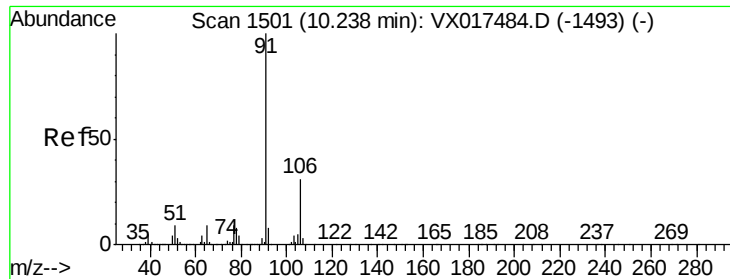
Tot Ion:112 Resp: 293430
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.042 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion:131 Resp: 120835
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.6
119 63.5 31.1 93.3





#67

Ethyl Benzene

Concen: 18.340 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

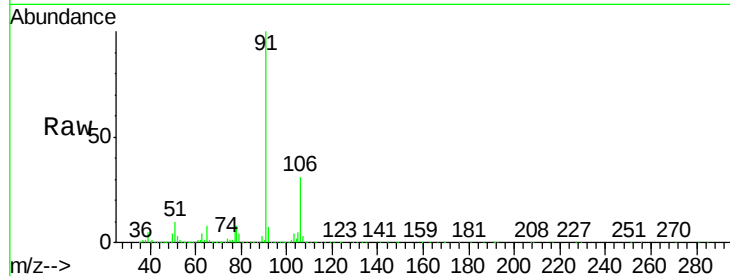
VX0730WBS01

Tot Ion: 91 Resp: 508044

Ion Ratio Lower Upper

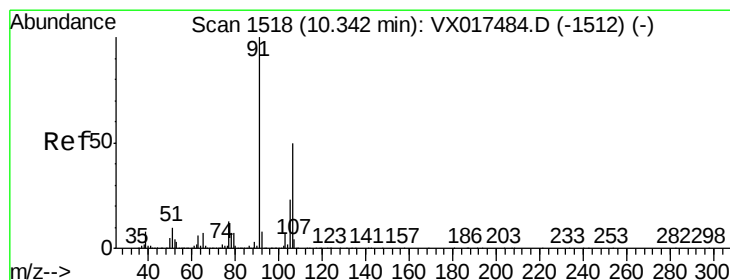
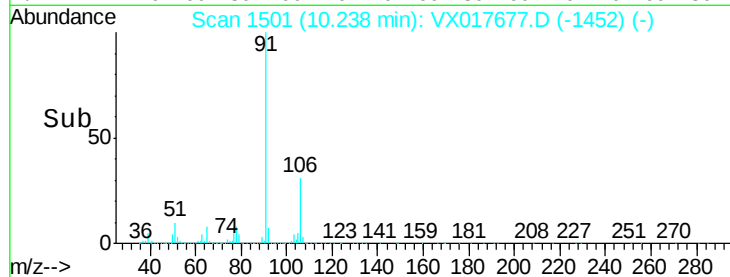
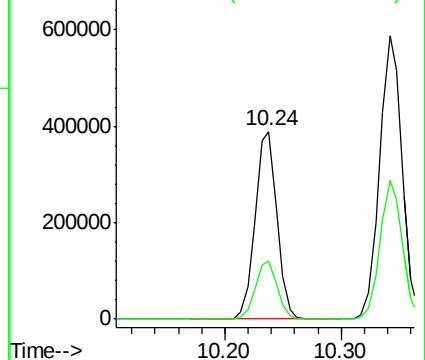
91 100

106 31.2 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.834 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017677.D

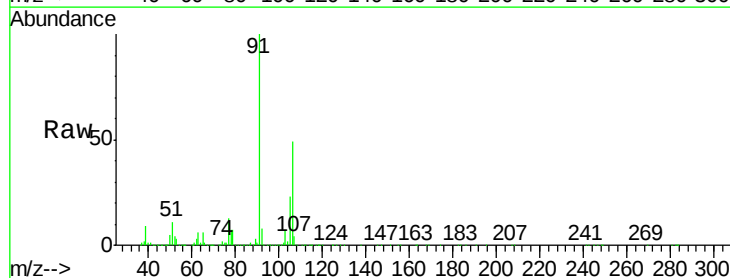
Acq: 30 Jul 2020 12:32

Tgt Ion: 106 Resp: 384557

Ion Ratio Lower Upper

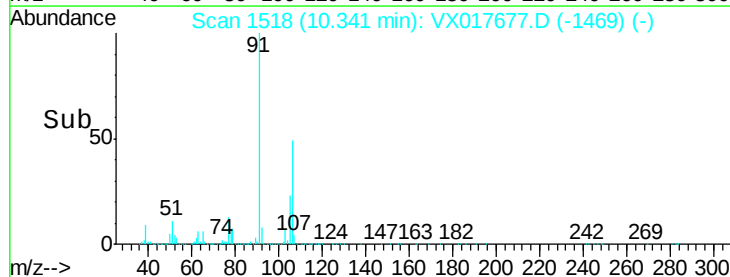
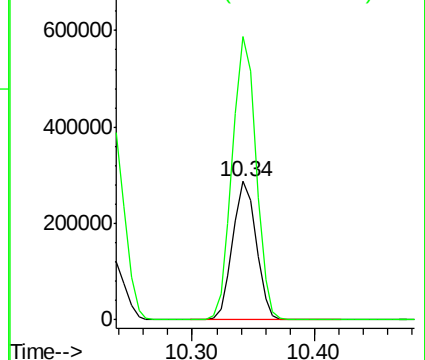
106 100

91 205.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

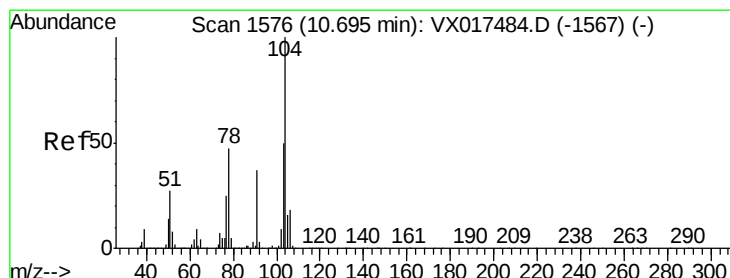
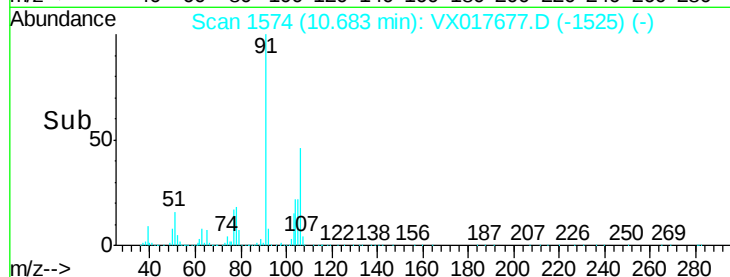
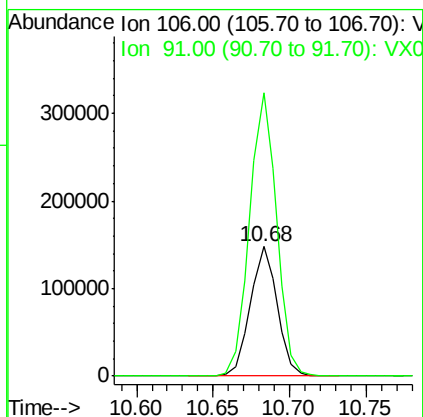
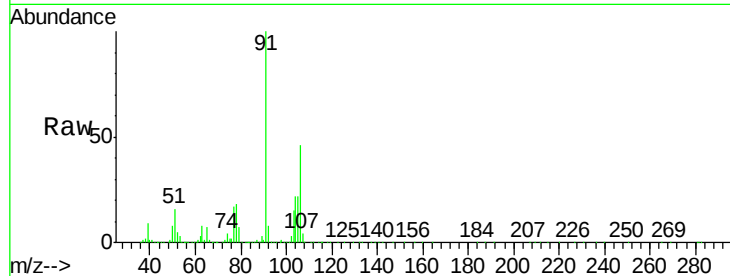




#69
o-Xylene
Concen: 17.562 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

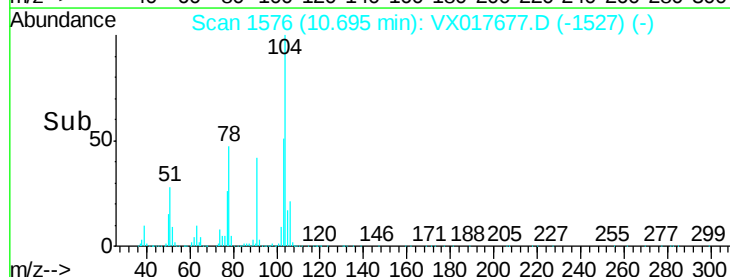
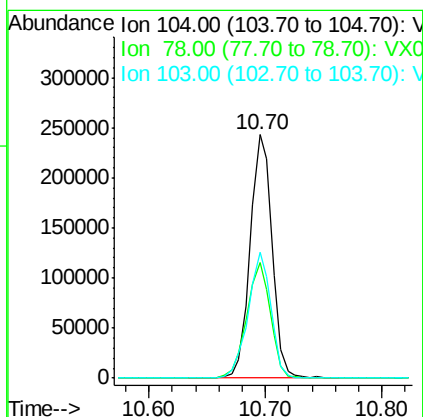
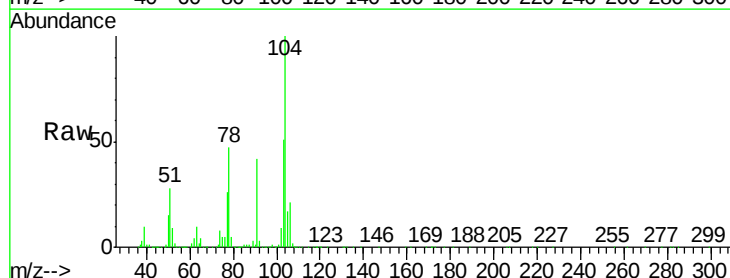
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion:106 Resp: 181269
Ion Ratio Lower Upper
106 100
91 219.2 108.2 324.6



#70
Styrene
Concen: 18.244 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion:104 Resp: 320379
Ion Ratio Lower Upper
104 100
78 51.8 42.5 63.7
103 54.0 44.3 66.5





#71

Bromoform

Concen: 17.757 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

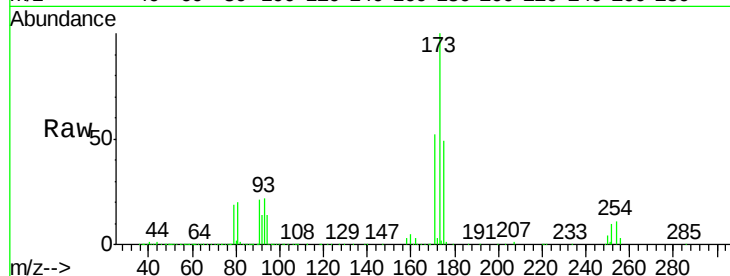
Tot Ion:173 Resp: 103039

Ion Ratio Lower Upper

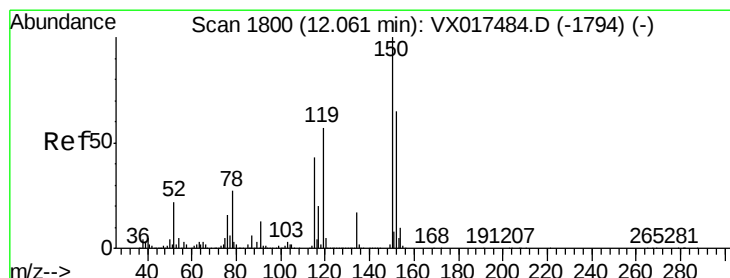
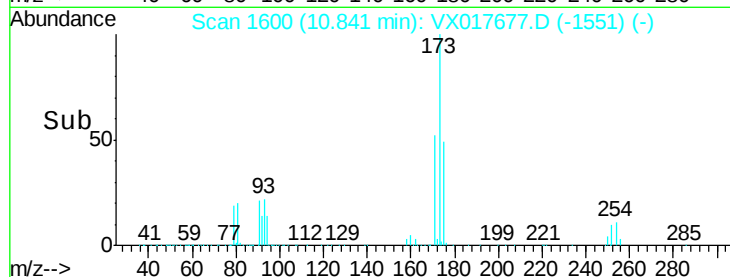
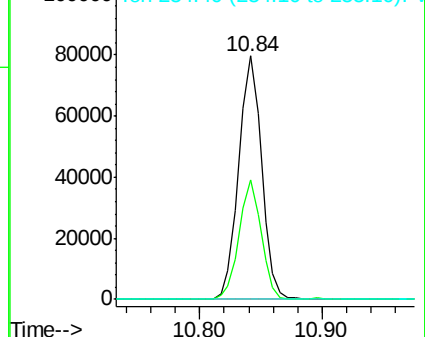
173 100

175 47.6 23.8 71.5

254 0.0 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: VX017677.D

Acq: 30 Jul 2020 12:32

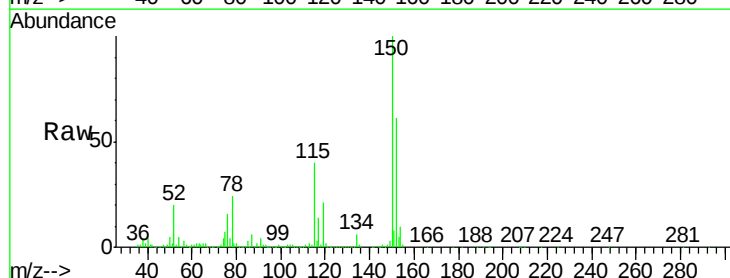
Tgt Ion:152 Resp: 379857

Ion Ratio Lower Upper

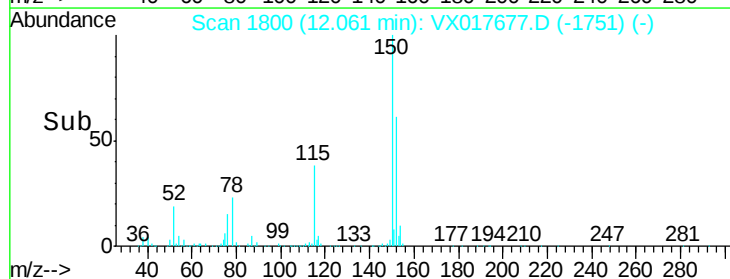
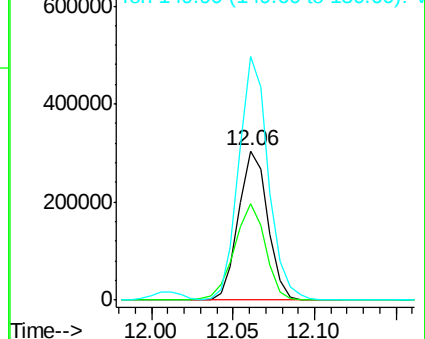
152 100

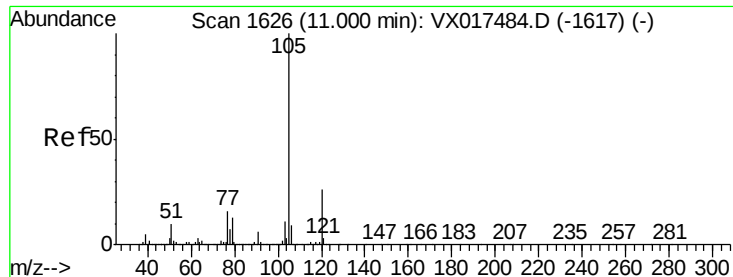
115 68.5 65.5 196.6

150 165.1 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: 19.479 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

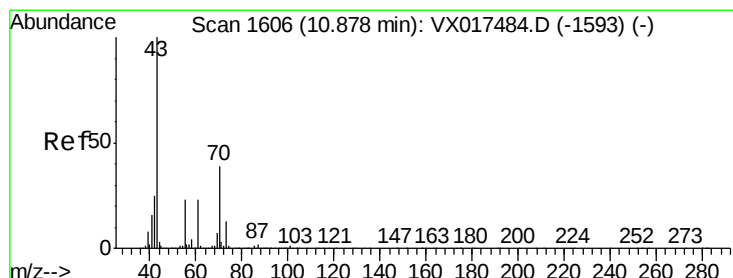
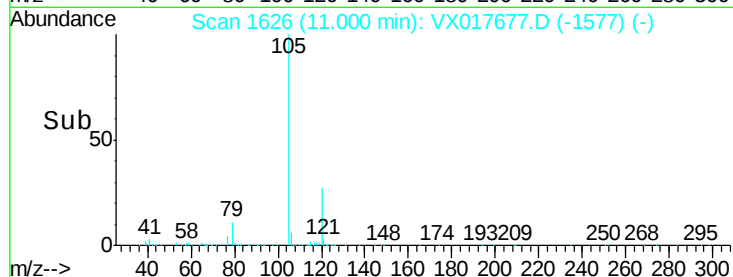
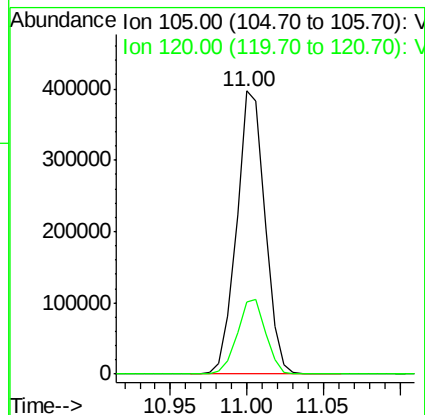
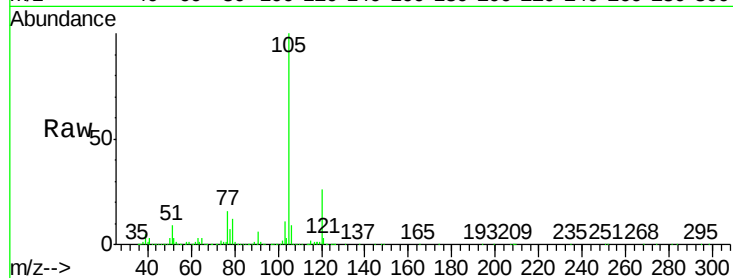
VX0730WBS01

Tot Ion:105 Resp: 507597

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 18.363 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion: 43 Resp: 212615

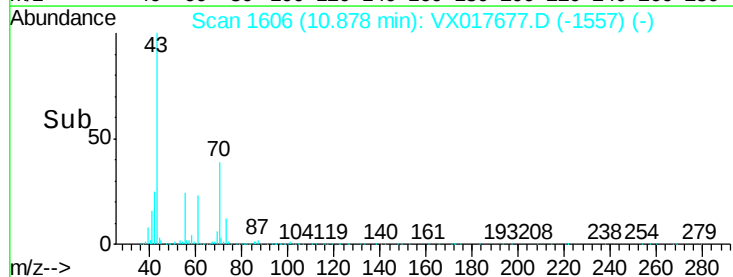
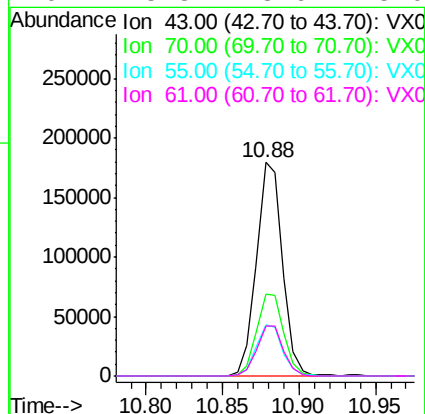
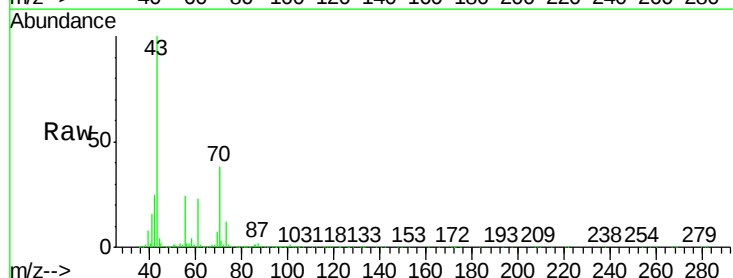
Ion Ratio Lower Upper

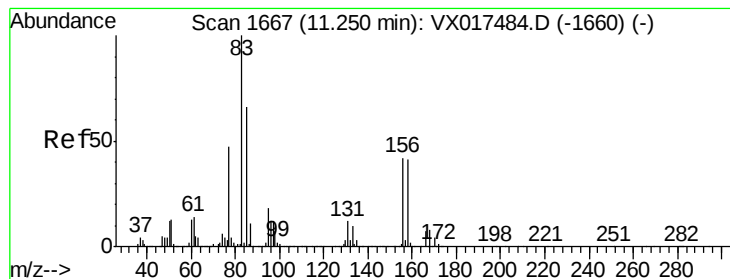
43 100

70 40.1 32.3 48.5

55 24.1 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

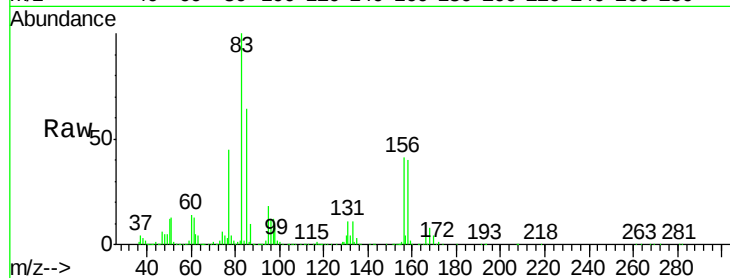
Tot Ion: 83 Resp: 137248

Ion Ratio Lower Upper

83 100

131 12.5 5.5 16.5

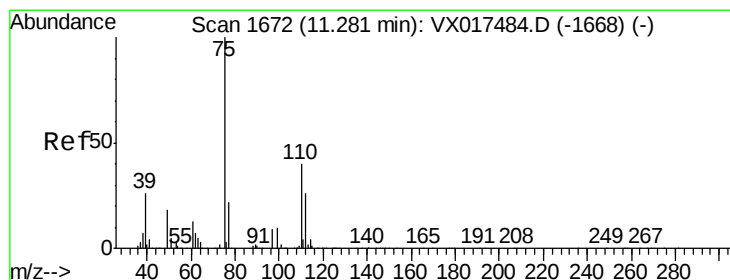
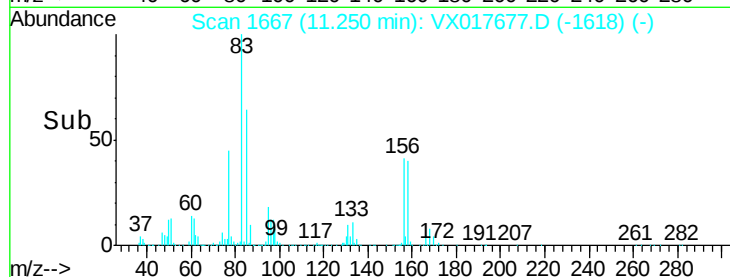
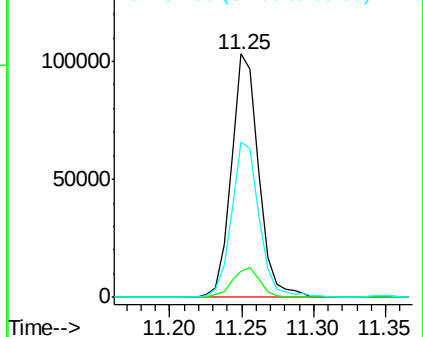
85 65.0 32.1 96.3



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: 22.595 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017677.D

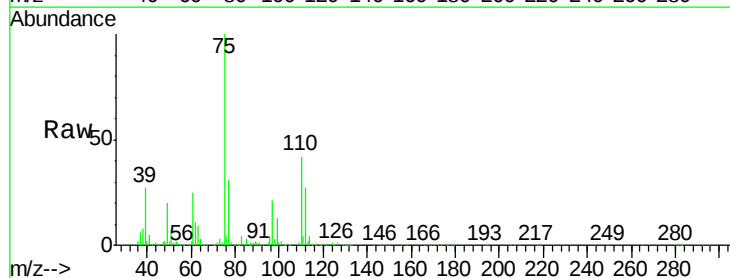
Acq: 30 Jul 2020 12:32

Tgt Ion: 75 Resp: 176550

Ion Ratio Lower Upper

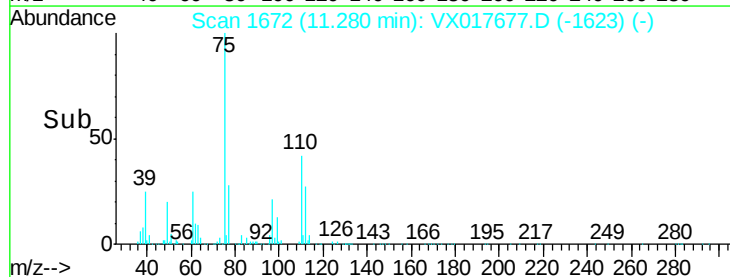
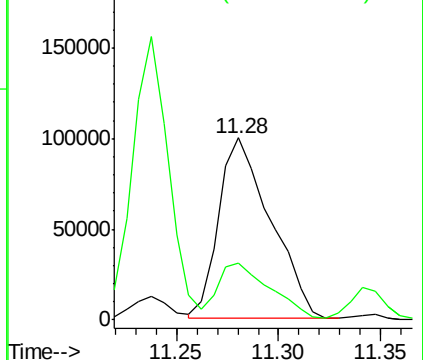
75 100

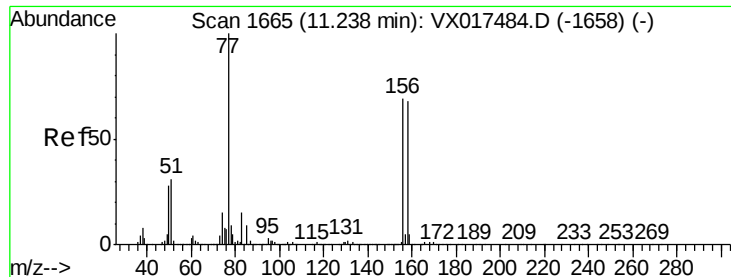
77 31.6 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.903 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

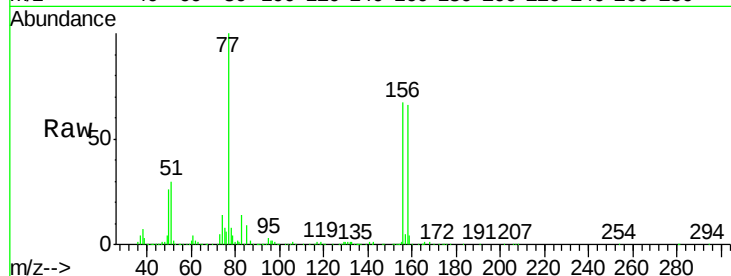
Tot Ion:156 Resp: 130605

Ion Ratio Lower Upper

156 100

77 147.7 75.0 225.0

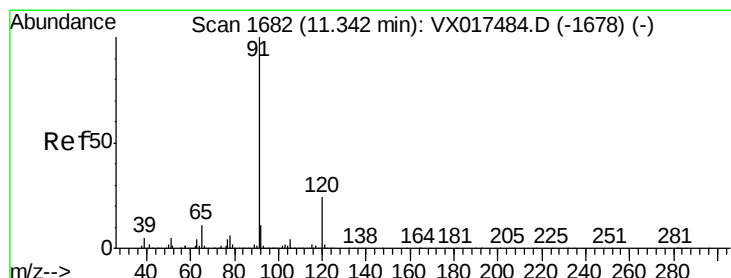
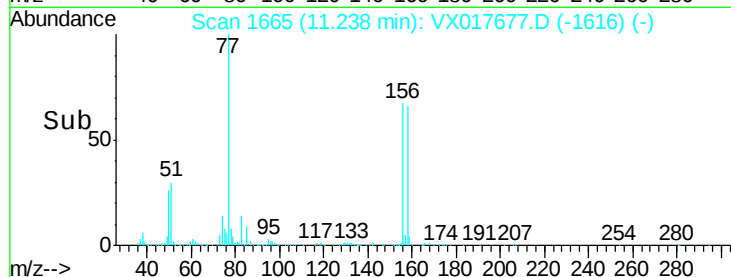
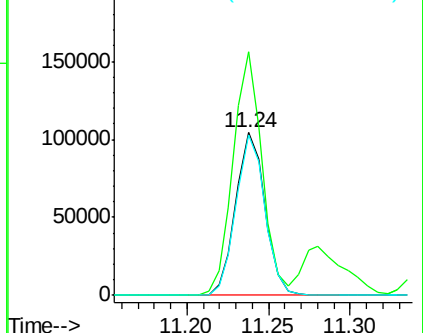
158 97.7 49.1 147.3



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: 17.787 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017677.D

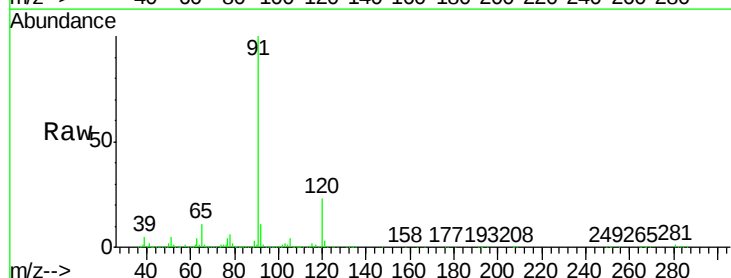
Acq: 30 Jul 2020 12:32

Tgt Ion: 91 Resp: 522753

Ion Ratio Lower Upper

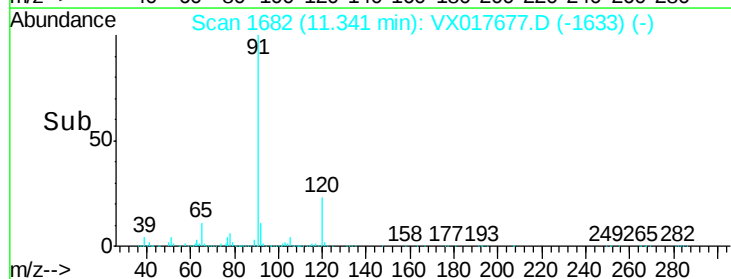
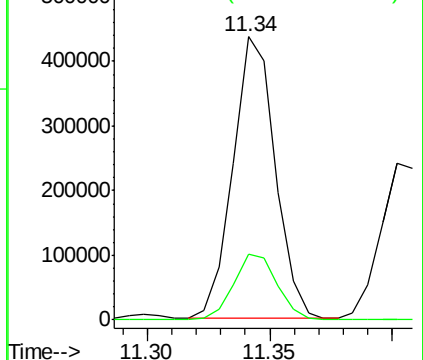
91 100

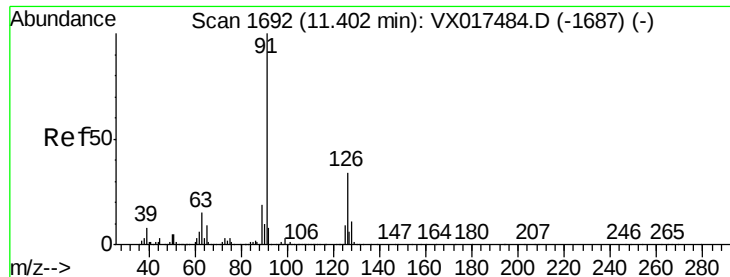
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.257 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

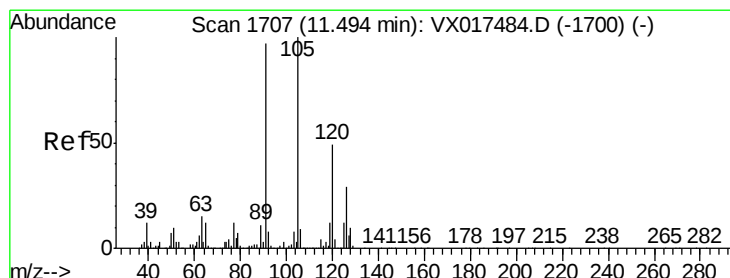
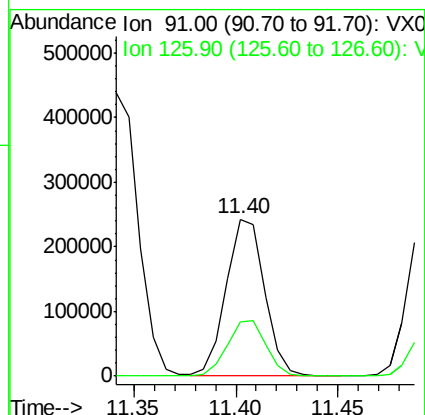
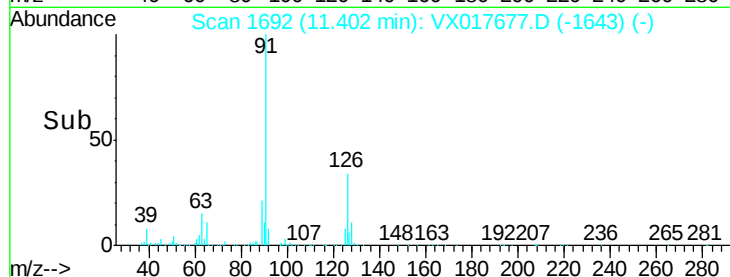
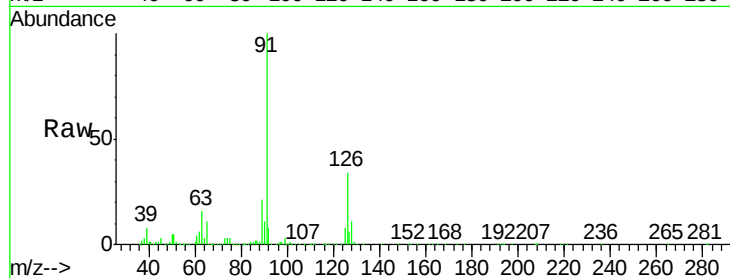
VX0730WBS01

Tot Ion: 91 Resp: 314180

Ion Ratio Lower Upper

91 100

126 36.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.148 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017677.D

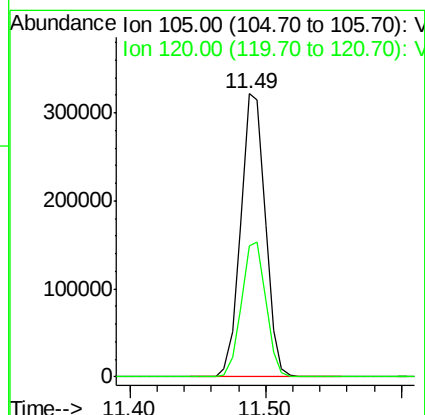
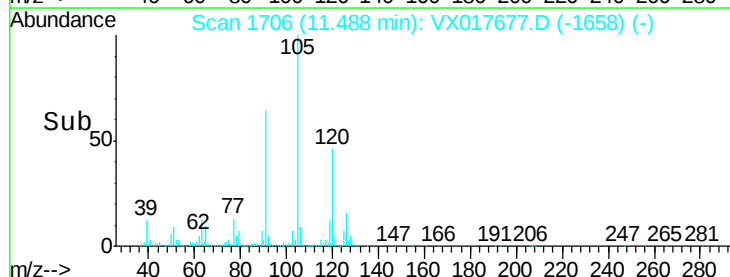
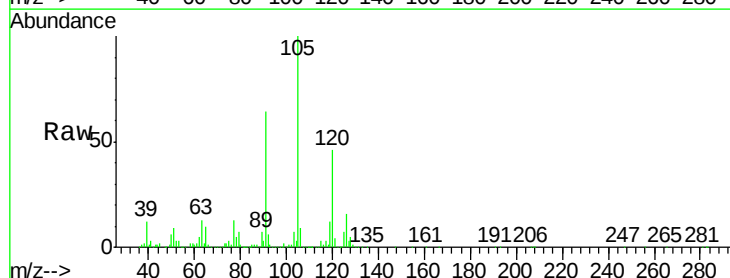
Acq: 30 Jul 2020 12:32

Tgt Ion: 105 Resp: 403785

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.267 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

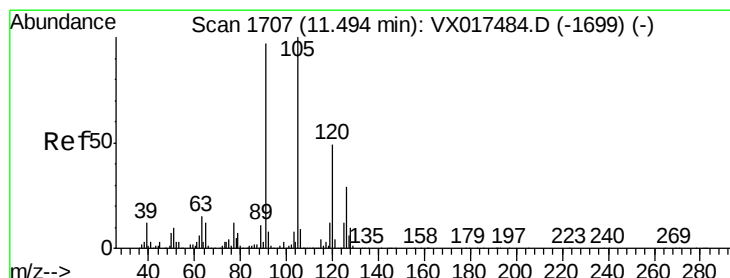
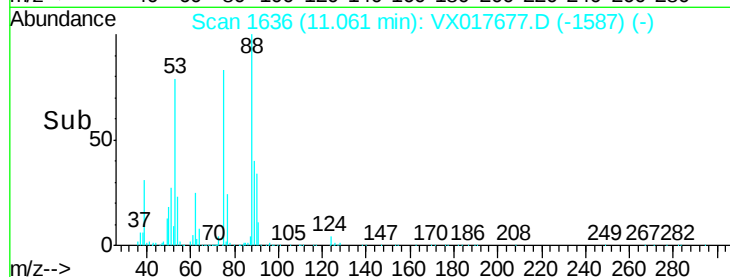
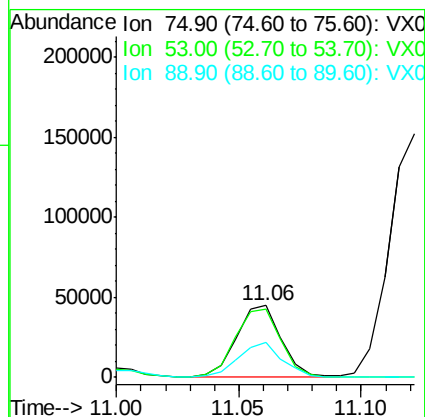
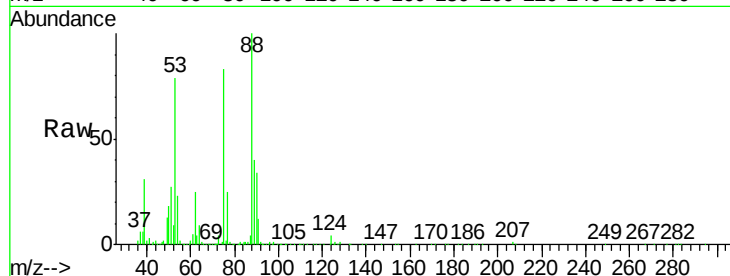
Tot Ion: 75 Resp: 56647

Ion Ratio Lower Upper

75 100

53 96.8 75.9 113.9

89 48.3 37.8 56.6



#82

4-Chlorotoluene

Concen: 17.804 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017677.D

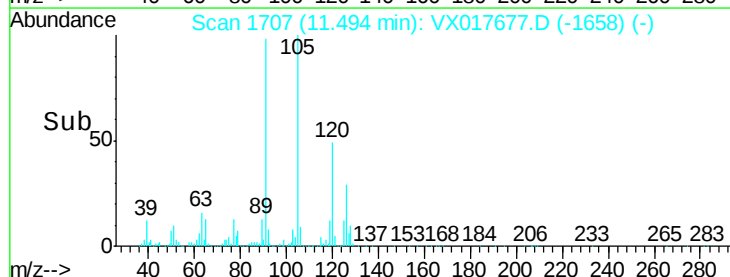
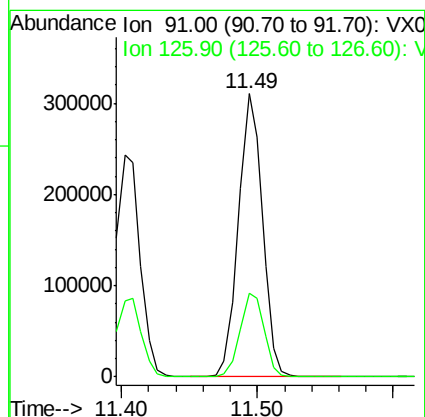
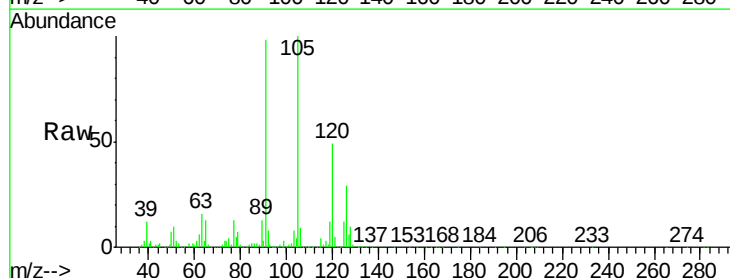
Acq: 30 Jul 2020 12:32

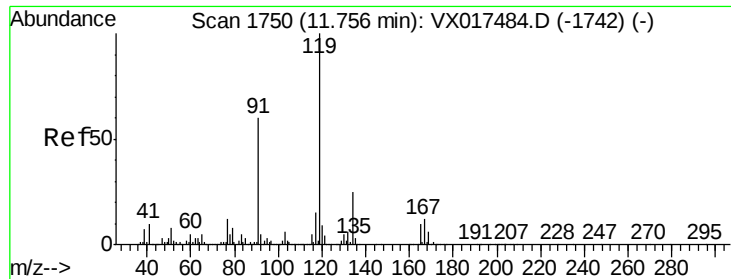
Tgt Ion: 91 Resp: 382360

Ion Ratio Lower Upper

91 100

126 29.6 15.2 45.6

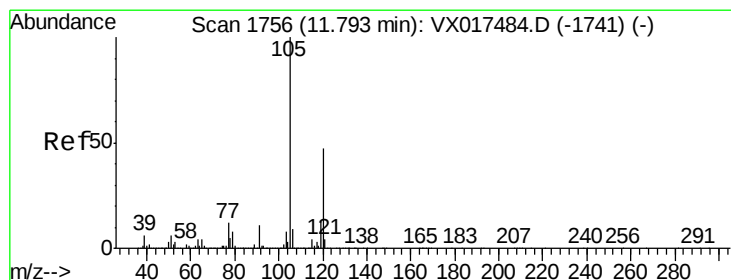
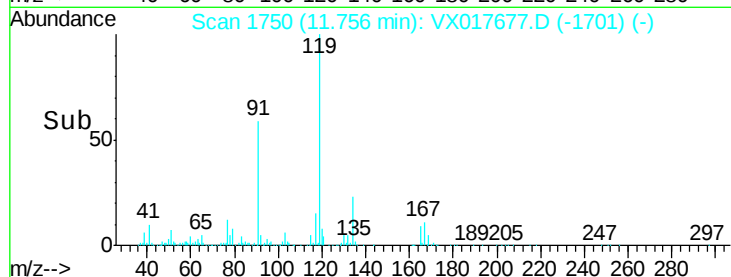
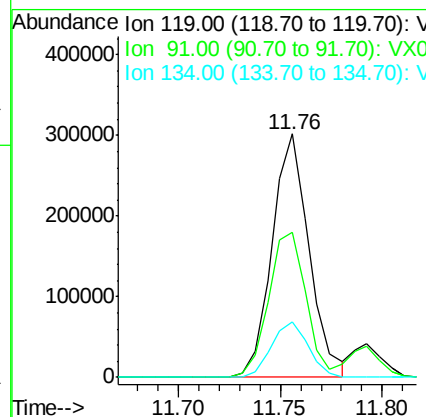
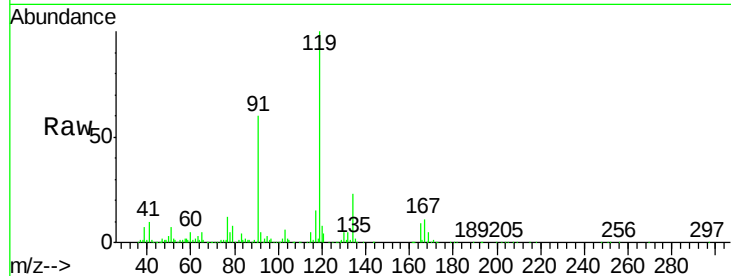




#83
 tert-Butylbenzene
 Concen: 17.961 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

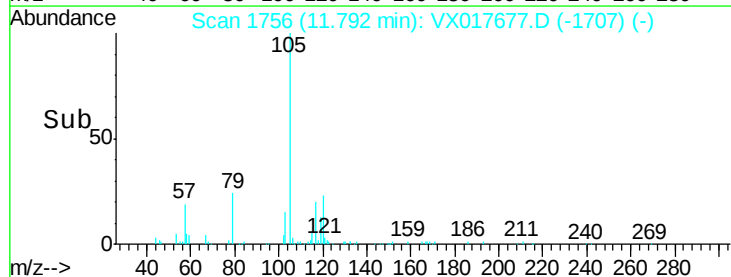
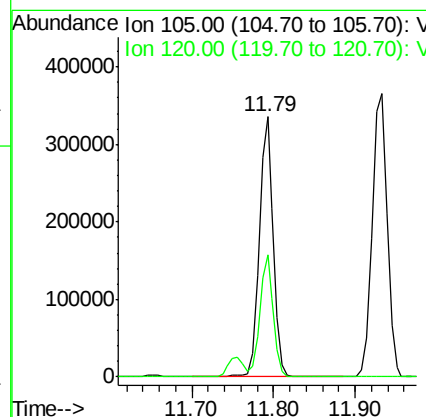
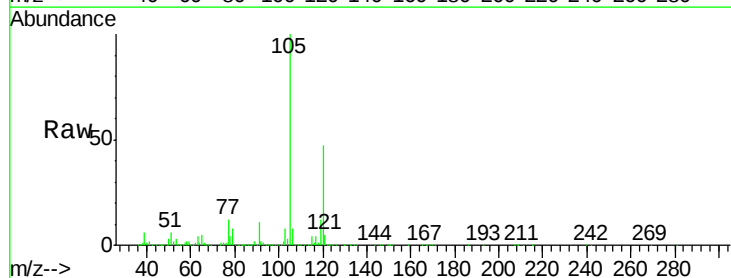
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

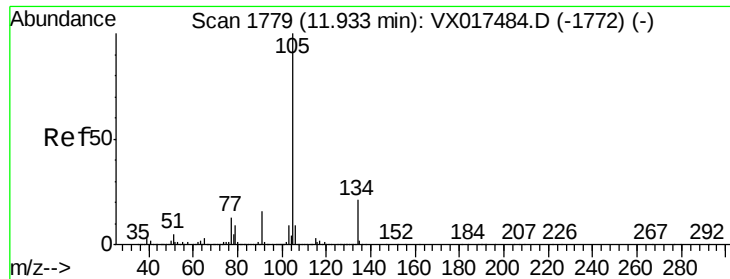
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.3	88.0
134	22.9	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.340 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.0

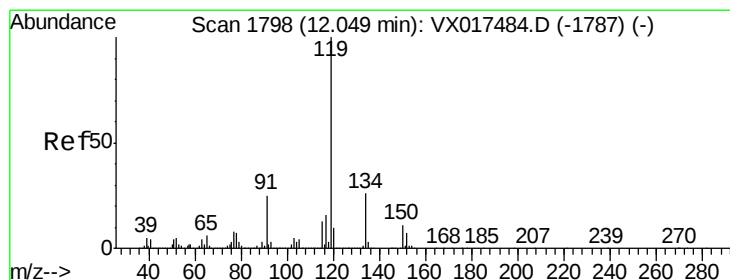
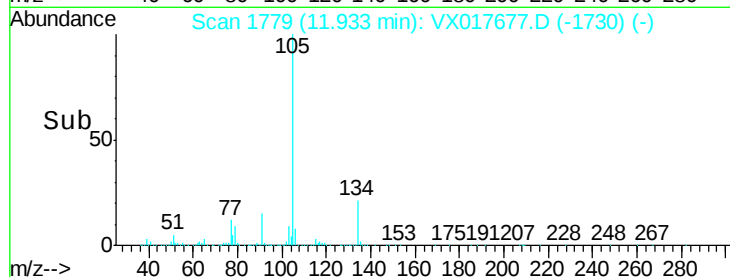
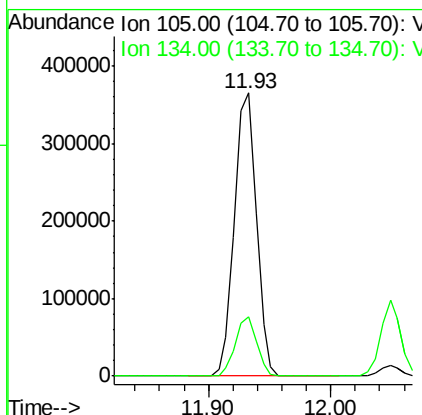
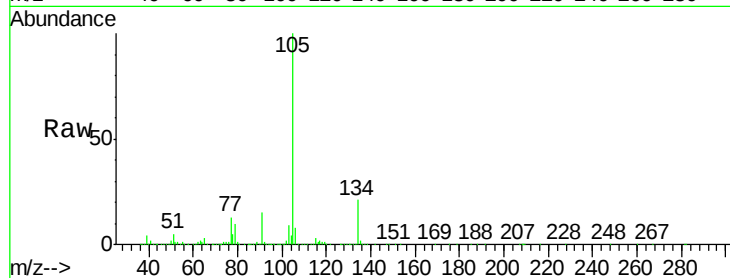




#85
 sec-Butylbenzene
 Concen: 18.295 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

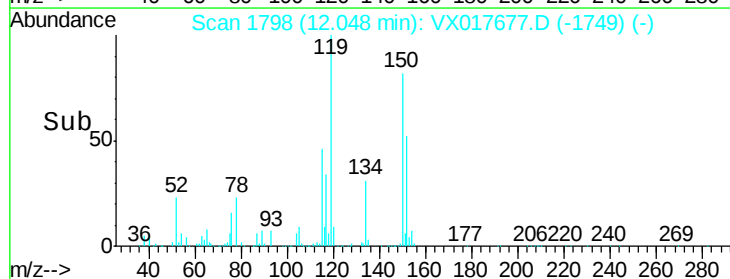
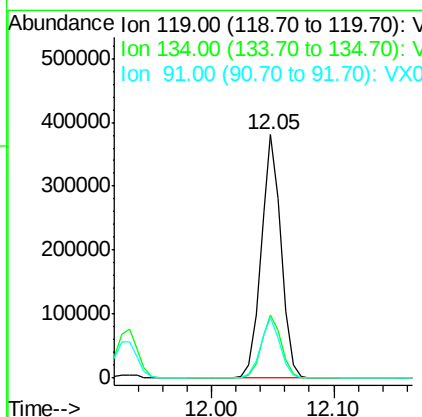
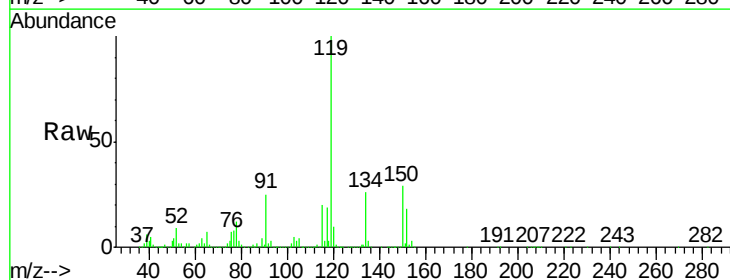
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

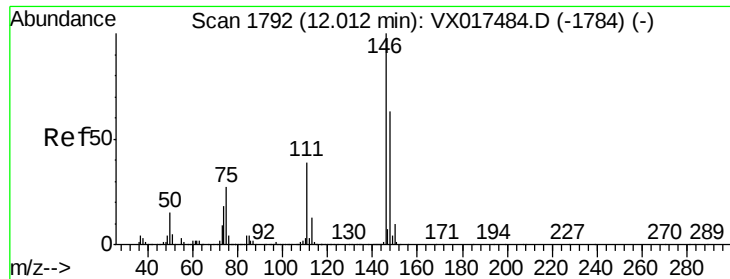
Tot Ion:105 Resp: 453732
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.251 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion:119 Resp: 431038
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.6 12.1 36.3

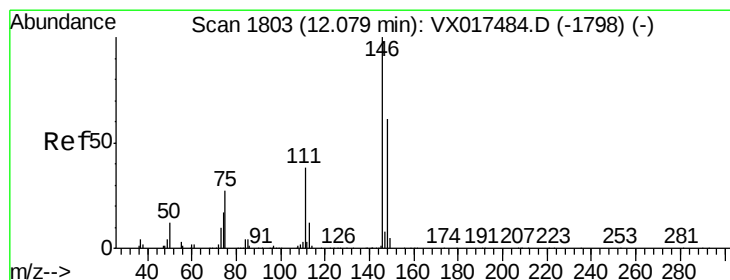
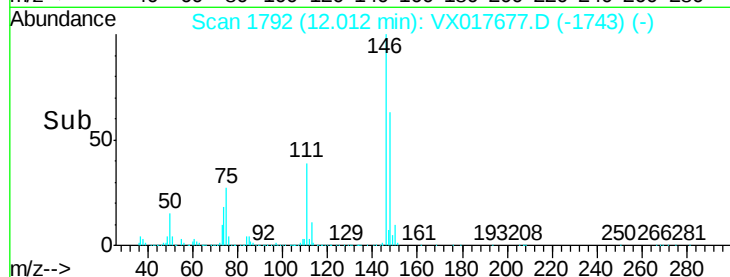
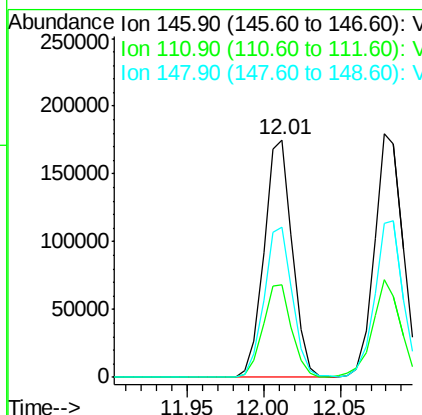
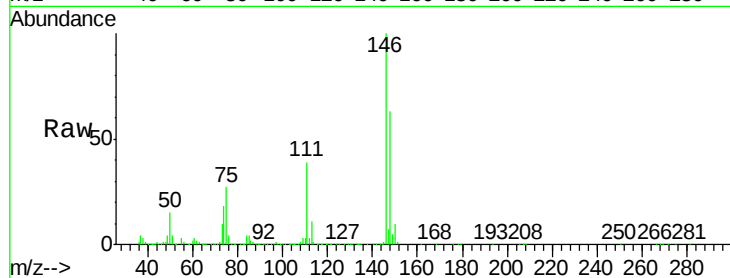




#87
 1,3-Dichlorobenzene
 Concen: 18.001 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

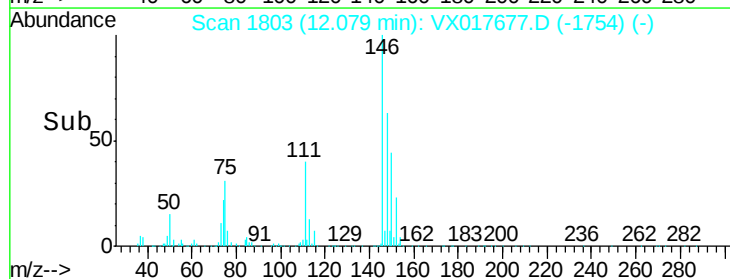
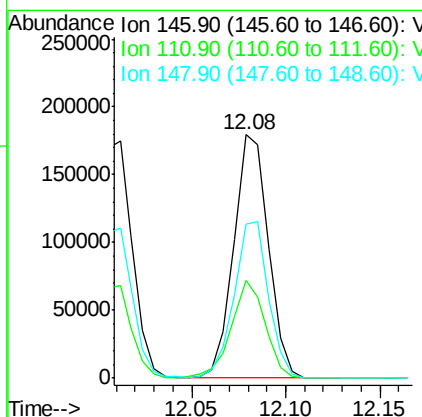
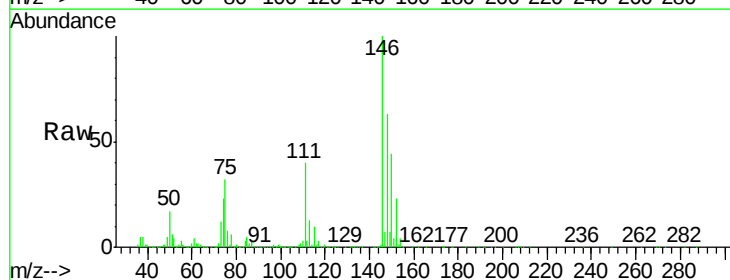
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

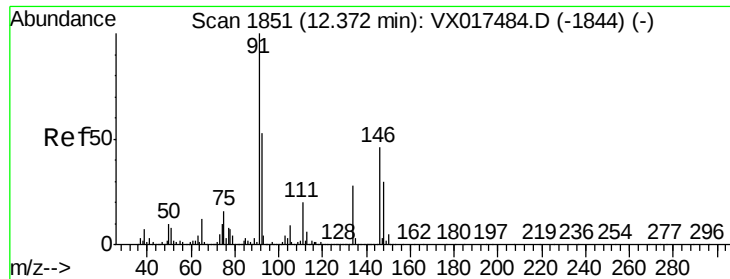
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.4	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 17.583 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.8
148	64.3	32.2	96.6

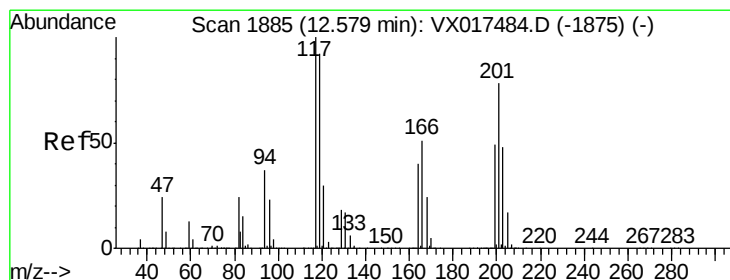
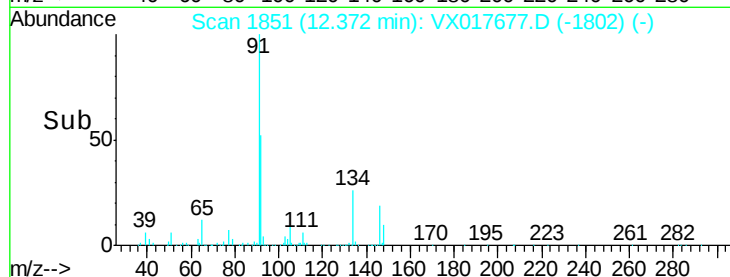
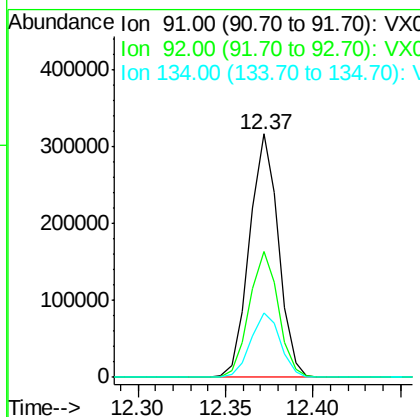
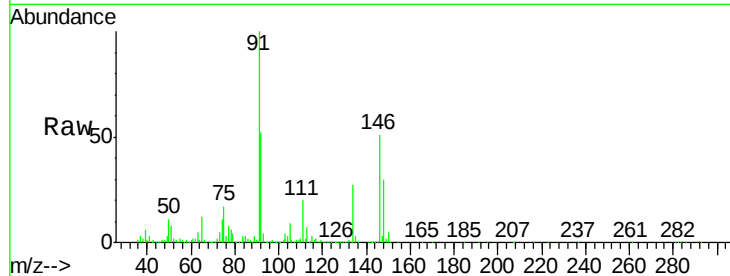




#89
n-Butylbenzene
Concen: 17.205 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

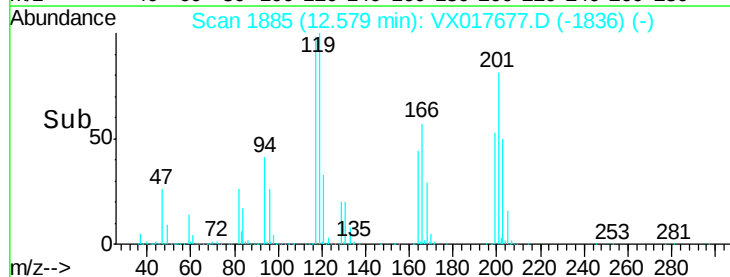
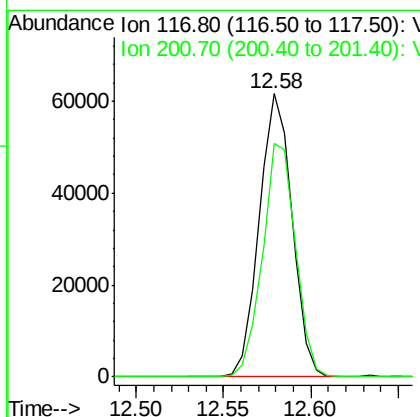
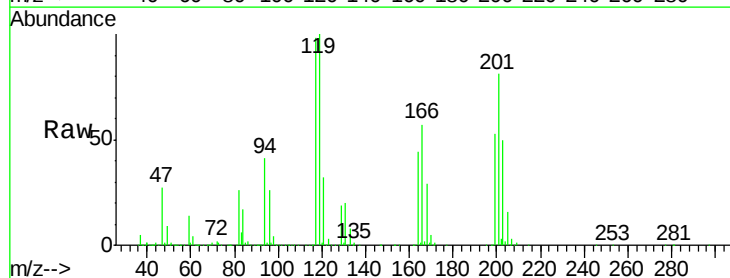
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

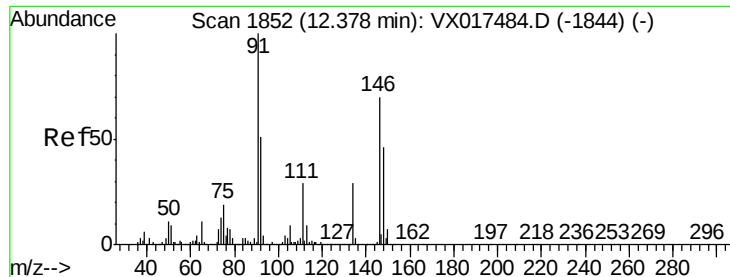
Tot Ion: 91 Resp: 362077
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 27.4 13.6 40.7



#90
Hexachloroethane
Concen: 17.265 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 117 Resp: 80388
Ion Ratio Lower Upper
117 100
201 83.0 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.706 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

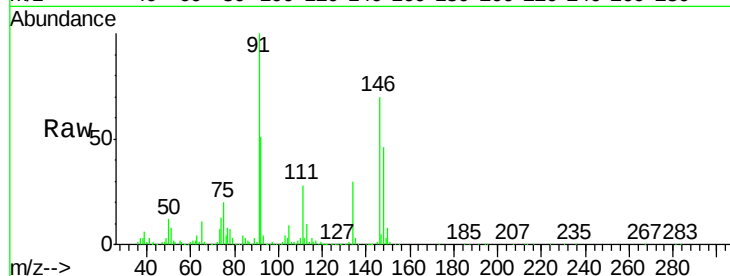
Tot Ion:146 Resp: 218005

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

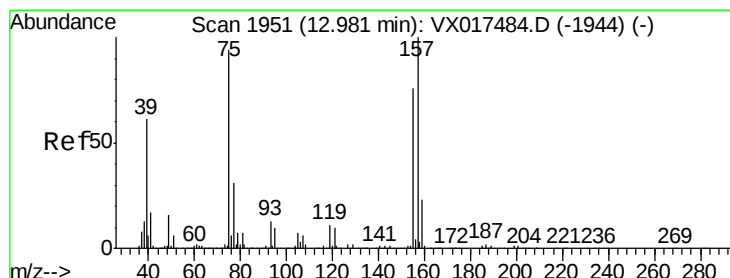
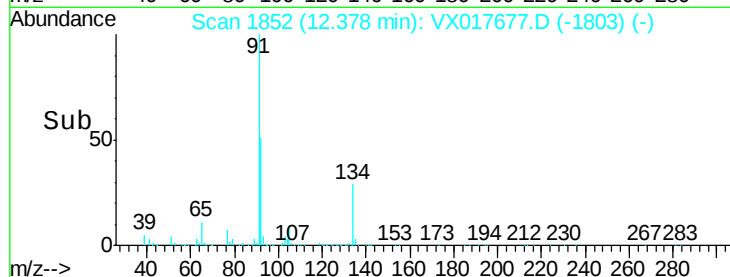
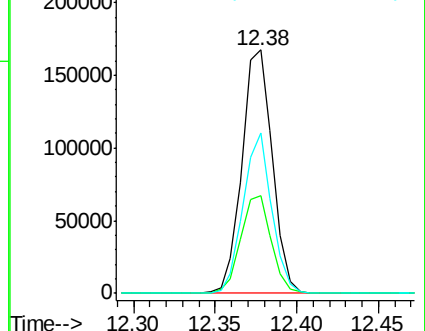
148 62.1 32.8 98.4



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: 18.217 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

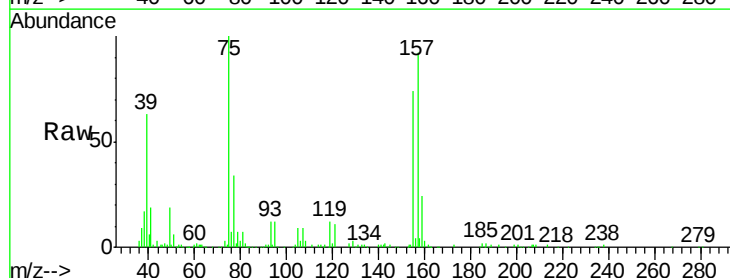
Tgt Ion: 75 Resp: 37932

Ion Ratio Lower Upper

75 100

155 82.0 42.3 126.8

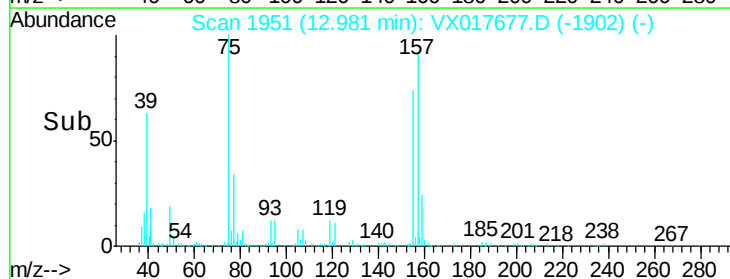
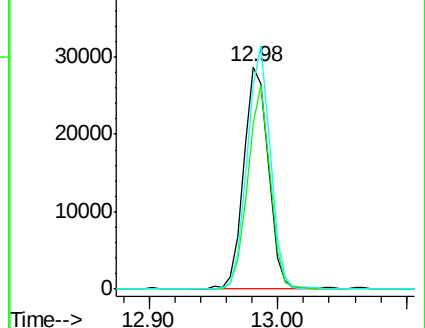
157 101.1 54.3 162.9

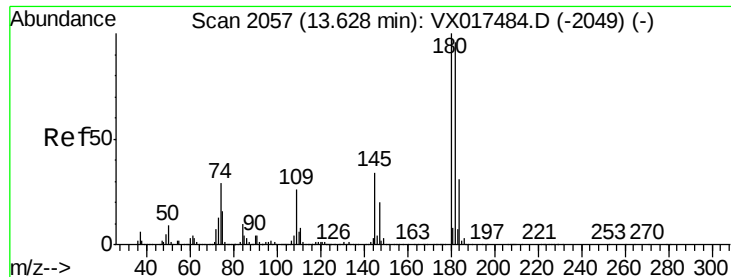


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

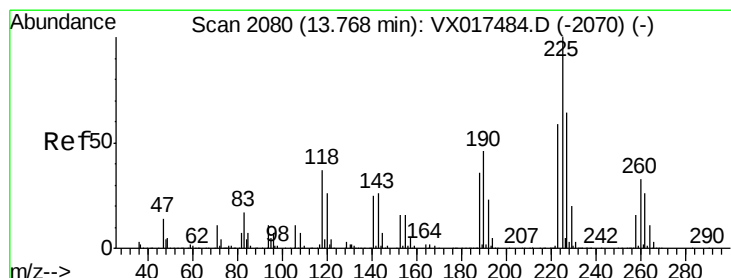
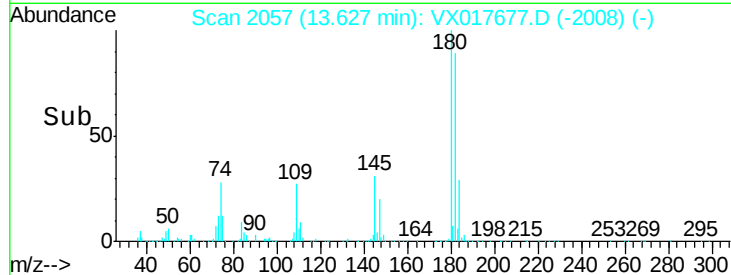
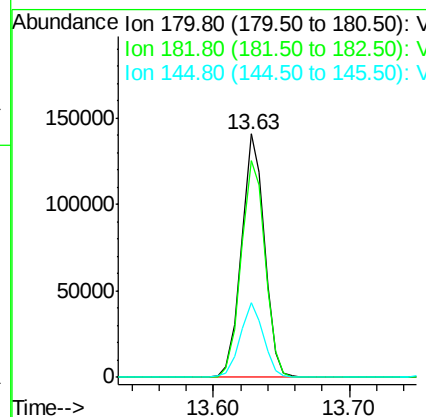
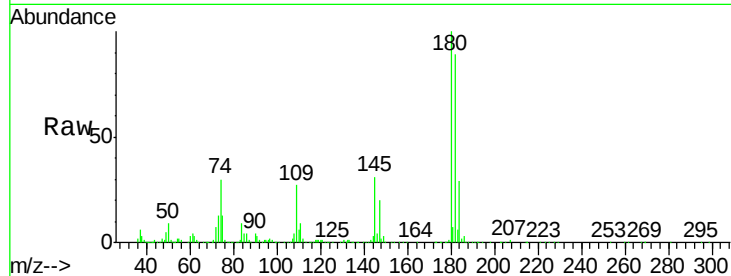




#93
 1,2,4-Trichlorobenzene
 Concen: 19.639 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

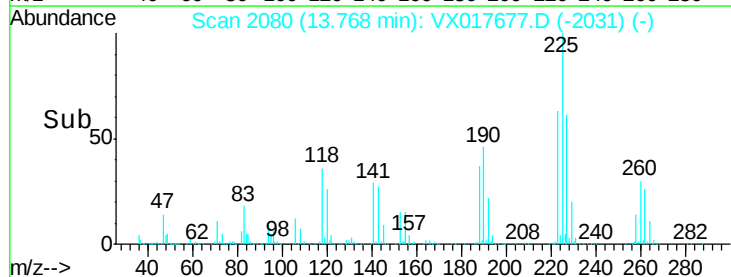
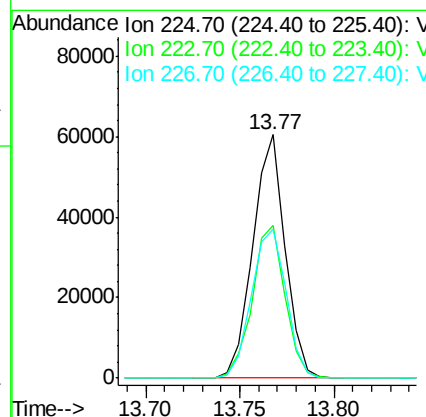
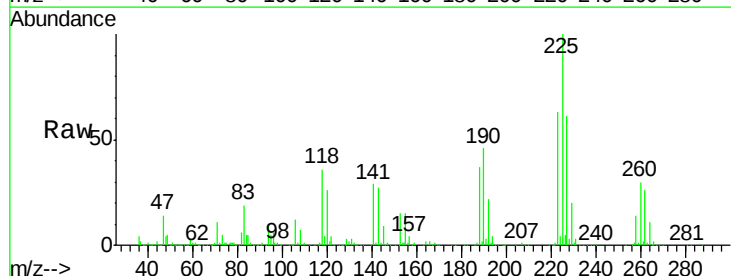
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

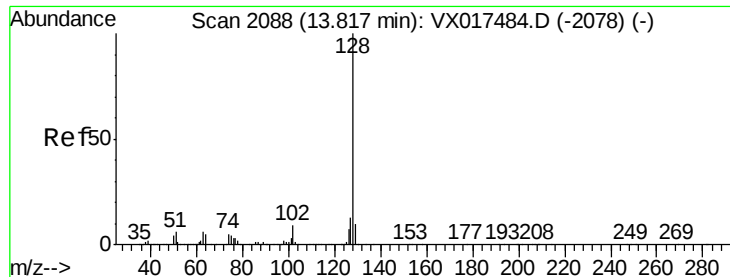
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.5	142.6
145	31.0	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 18.539 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.3	90.9
227	65.7	31.1	93.2





#95

Naphthalene

Concen: 19.340 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

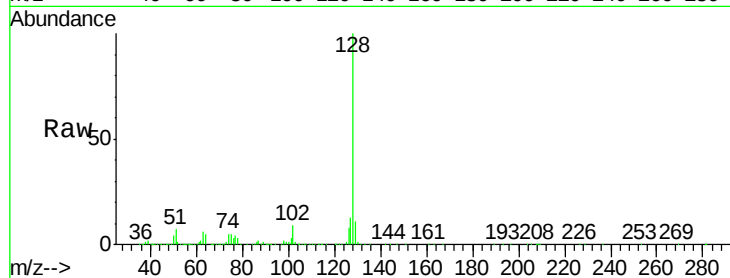
Tot Ion:128 Resp: 485142

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

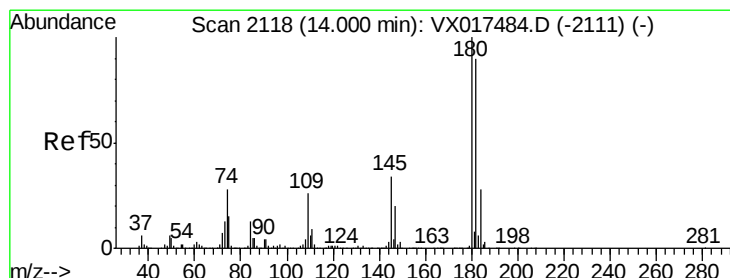
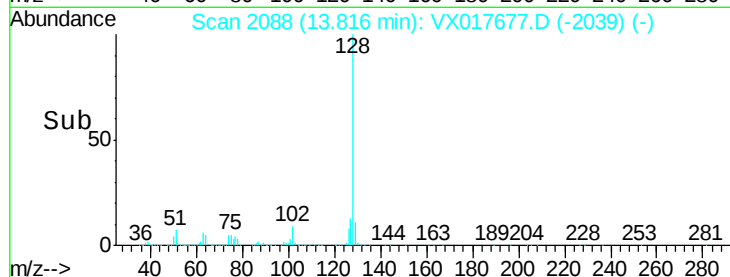
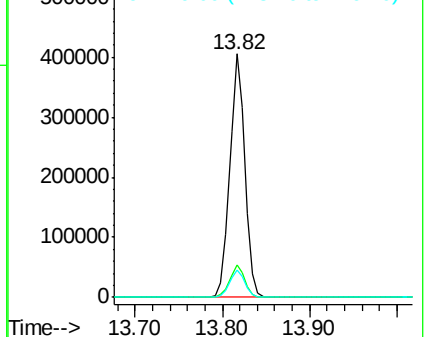
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.309 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

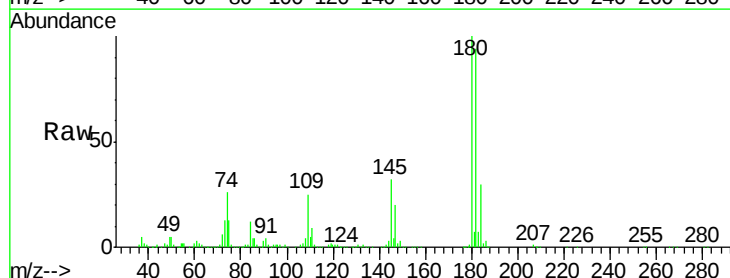
Tgt Ion:180 Resp: 151914

Ion Ratio Lower Upper

180 100

182 92.7 47.4 142.3

145 33.0 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

