

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018922.D
 Acq On : 12 Oct 2020 22:25
 Operator : JC/SP
 Sample : L4303-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Quant Time: Oct 13 04:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160479	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.46	113	122685	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.70	98	438309	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	174223	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130692	45.898	ug/l	97
3) Chloromethane	1.31	50	106162	46.898	ug/l	96
4) Vinyl Chloride	1.39	62	128488	50.778	ug/l	98
5) Bromomethane	1.62	94	73534	52.178	ug/l	97
6) Chloroethane	1.71	64	80458	47.475	ug/l	100
7) Trichlorofluoromethane	1.92	101	223130	44.736	ug/l	95
8) Diethyl Ether	2.17	74	70510	50.713	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107191	44.748	ug/l	99
10) Methyl Iodide	2.49	142	129354	51.284	ug/l	95
11) Tert butyl alcohol	3.01	59	146297	260.763	ug/l	98
12) 1,1-Dichloroethene	2.36	96	110428	49.550	ug/l	99
13) Acrolein	2.27	56	112124	240.203	ug/l	98
14) Allyl chloride	2.71	41	190725	47.162	ug/l	95
15) Acrylonitrile	3.12	53	309661	260.250	ug/l	99
16) Acetone	2.42	43	307502	228.250	ug/l	99
17) Carbon Disulfide	2.55	76	315388	48.221	ug/l	100
18) Methyl Acetate	2.75	43	130593	44.103	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	376639	50.362	ug/l	98
20) Methylene Chloride	2.84	84	129928	51.125	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	125712	48.592	ug/l	94
22) Diisopropyl ether	3.82	45	357436	49.385	ug/l	88
23) Vinyl Acetate	3.78	43	1561244	224.289	ug/l	99
24) 1,1-Dichloroethane	3.67	63	230509	47.369	ug/l	97
25) 2-Butanone	4.64	43	470812	244.021	ug/l	99
26) 2,2-Dichloropropane	4.56	77	171009	36.423	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	141691	49.319	ug/l	95
28) Bromochloromethane	4.98	49	100854	47.020	ug/l	100
29) Tetrahydrofuran	5.09	42	272141	262.897	ug/l	98
30) Chloroform	5.18	83	250840	46.787	ug/l	100
31) Cyclohexane	5.55	56	165545	49.757	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	235471	46.216	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181570	48.582	ug/l	98
37) Ethyl Acetate	4.79	43	166067	46.013	ug/l	99
38) Carbon Tetrachloride	5.76	117	219291	47.340	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163010	47.315	ug/l	96
40) Benzene	6.12	78	499533	49.750	ug/l	100
41) Methacrylonitrile	5.00	41	102424	48.920	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213631	45.382	ug/l	99
43) Isopropyl Acetate	6.41	43	273355	45.574	ug/l	98
44) Trichloroethene	7.19	130	145585	48.348	ug/l	98
45) 1,2-Dichloropropane	7.49	63	130837	49.246	ug/l	95
46) Dibromomethane	7.63	93	94645	48.205	ug/l	95
47) Bromodichloromethane	7.87	83	204784	48.131	ug/l	98
48) Methyl methacrylate	7.74	41	151995	49.941	ug/l	95
49) 1,4-Dioxane	7.71	88	41288	967.503	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	938943	268.208	ug/l	98
52) Toluene	8.76	92	330871	51.348	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	217961	49.475	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	216367	47.743	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	137748	49.768	ug/l	97
56) Ethyl methacrylate	9.16	69	200418	49.627	ug/l	96
57) 1,3-Dichloropropane	9.35	76	228579	50.897	ug/l	99
59) 2-Hexanone	9.47	43	718661	269.443	ug/l	98
60) Dibromochloromethane	9.57	129	172709	49.709	ug/l	98
61) 1,2-Dibromoethane	9.65	107	148672	50.090	ug/l	100
64) Tetrachloroethene	9.32	164	128361	50.814	ug/l	94
65) Chlorobenzene	10.12	112	366301	48.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149609	48.487	ug/l	100
67) Ethyl Benzene	10.23	91	630528	49.973	ug/l	98
68) m/p-Xylenes	10.34	106	489020	102.013	ug/l	100
69) o-Xylene	10.68	106	233545	51.710	ug/l	97
70) Stvrene	10.70	104	410898	53.739	ug/l	98
71) Bromoform	10.84	173	138560	51.918	ug/l #	97
73) Isopropylbenzene	11.00	105	647258	51.863	ug/l	100
74) N-amyl acetate	10.88	43	238706	48.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	204135	49.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	246857	60.052	ug/l	85
77) Bromobenzene	11.24	156	177881	51.887	ug/l	96
78) n-propylbenzene	11.34	91	725531	51.019	ug/l	99
79) 2-Chlorotoluene	11.40	91	448480	50.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	547274	51.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	66131	45.591	ug/l	96
82) 4-Chlorotoluene	11.49	91	531805	50.454	ug/l	100
83) tert-Butylbenzene	11.76	119	552356	51.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	558847	51.498	ug/l	100
85) sec-Butylbenzene	11.93	105	616429	51.183	ug/l	99
86) p-Isopropyltoluene	12.05	119	592451	51.852	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309672	49.185	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	305747	47.942	ug/l	98
89) n-Butylbenzene	12.37	91	487629	49.119	ug/l	99
90) Hexachloroethane	12.58	117	97559	45.928	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	294654	49.165	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50521	47.490	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	203329	52.884	ug/l	98

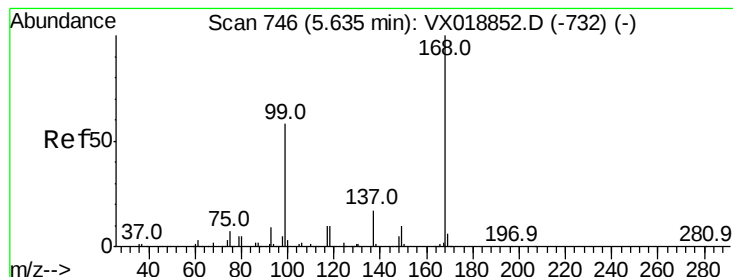
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	95110	55.693	ug/l	96
95) Naphthalene	13.82	128	624837	48.758	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207483	55.156	ug/l	97

(#) = 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: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

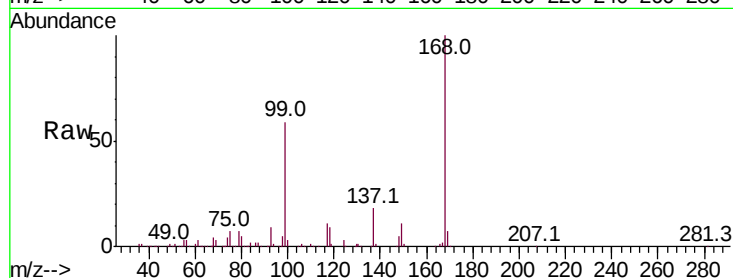
FC-MW07S-20201003MSD

Tot Ion:168 Resp: 241518

Ion Ratio Lower Upper

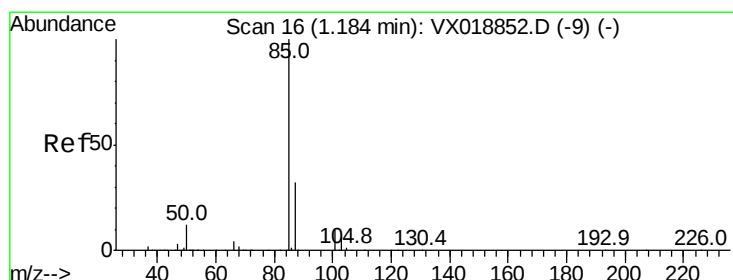
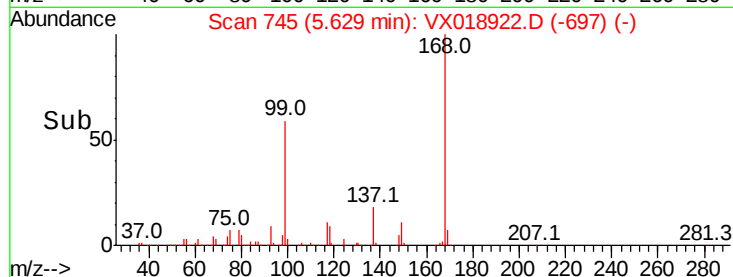
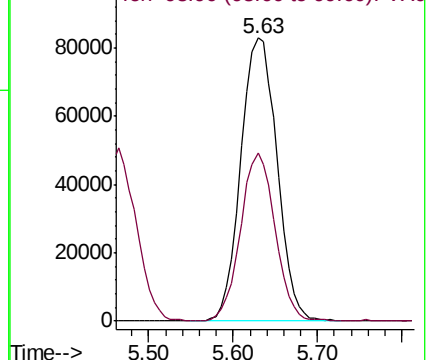
168 100

99 59.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.898 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018922.D

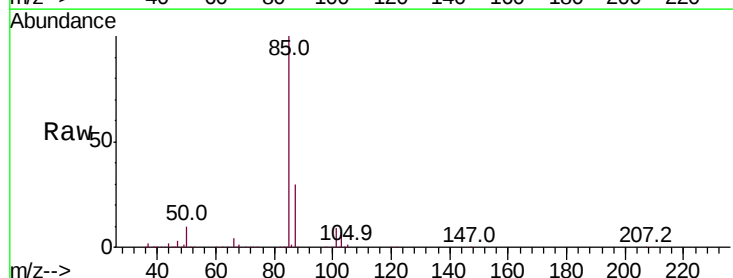
Acq: 12 Oct 2020 22:25

Tgt Ion: 85 Resp: 130692

Ion Ratio Lower Upper

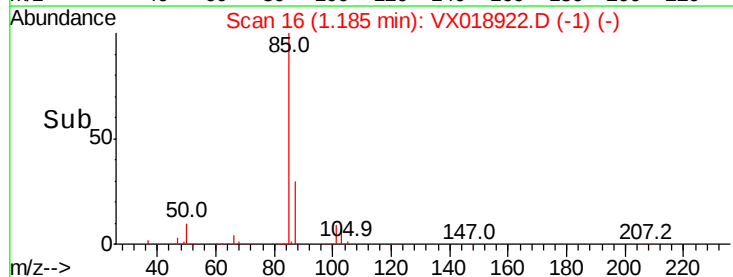
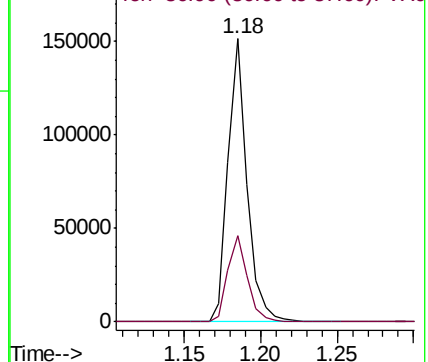
85 100

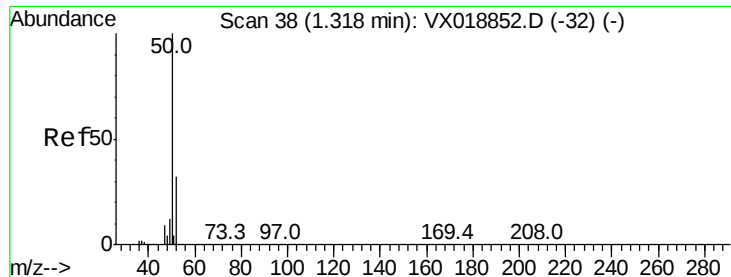
87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.898 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

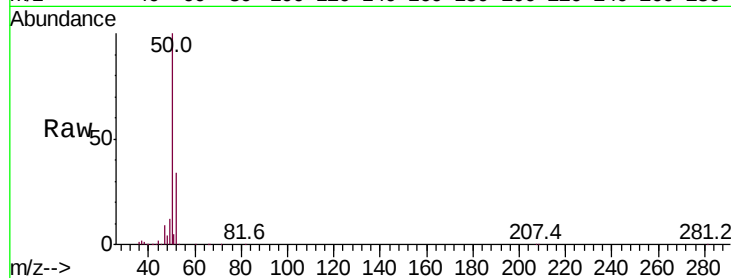
FC-MW07S-20201003MSD

Tot Ion: 50 Resp: 106162

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

60000

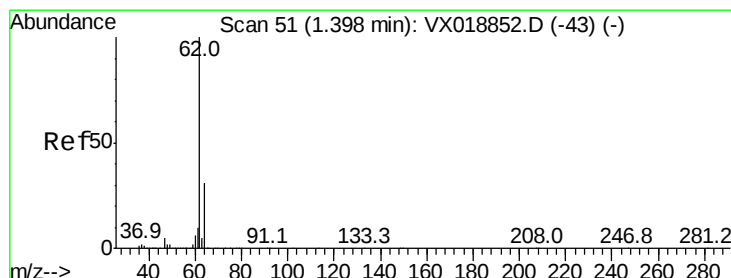
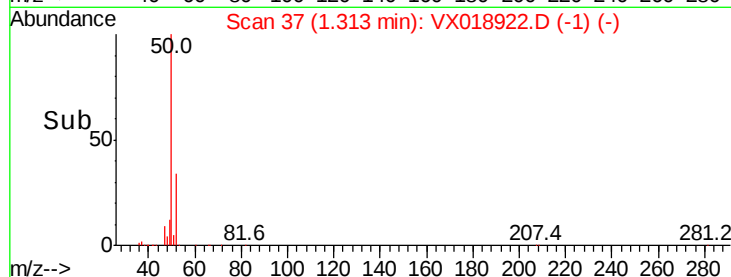
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.778 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018922.D

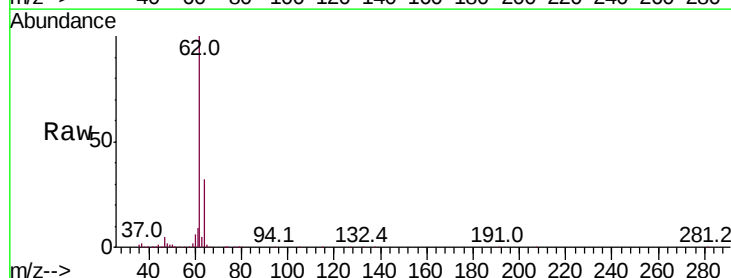
Acq: 12 Oct 2020 22:25

Tgt Ion: 62 Resp: 128488

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

150000

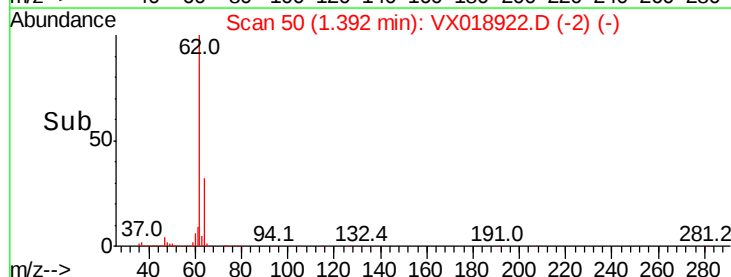
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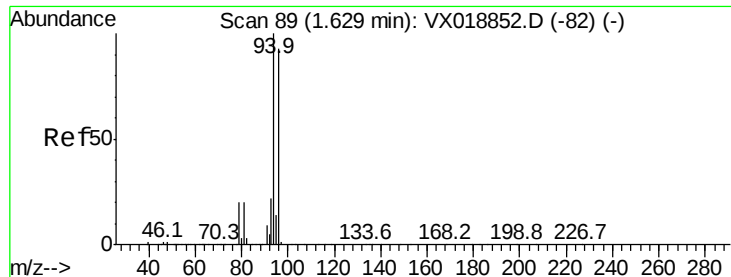
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 52.178 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

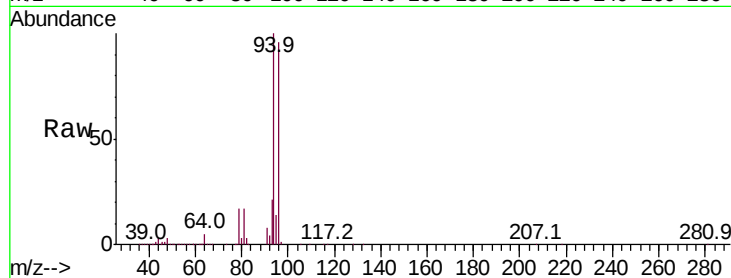
FC-MW07S-20201003MSD

Tot Ion: 94 Resp: 73534

Ion Ratio Lower Upper

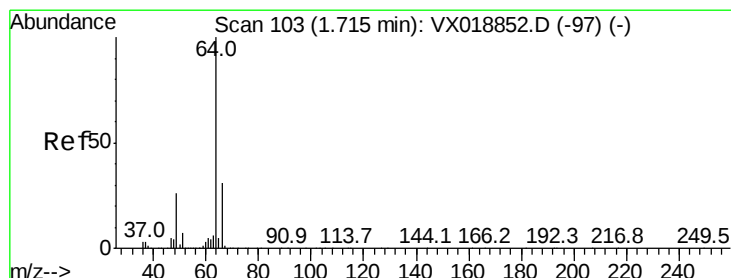
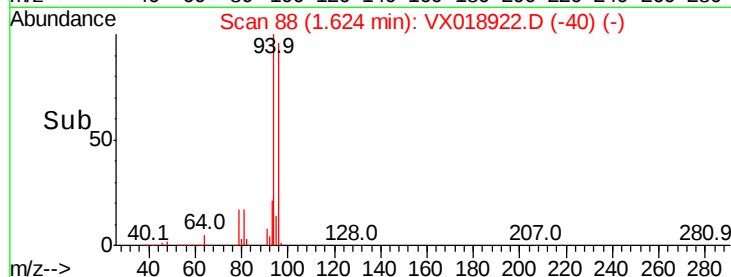
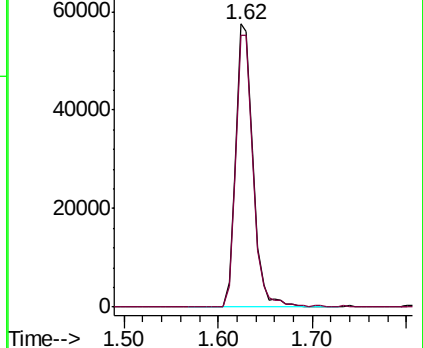
94 100

96 96.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.475 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018922.D

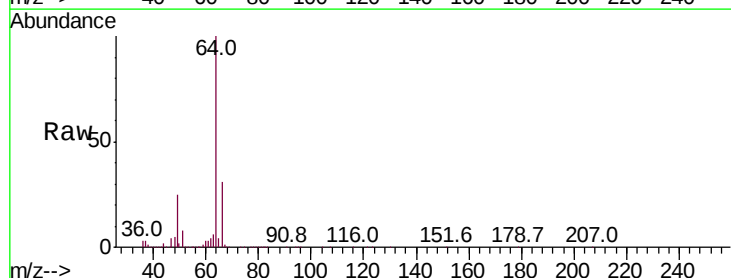
Acq: 12 Oct 2020 22:25

Tgt Ion: 64 Resp: 80458

Ion Ratio Lower Upper

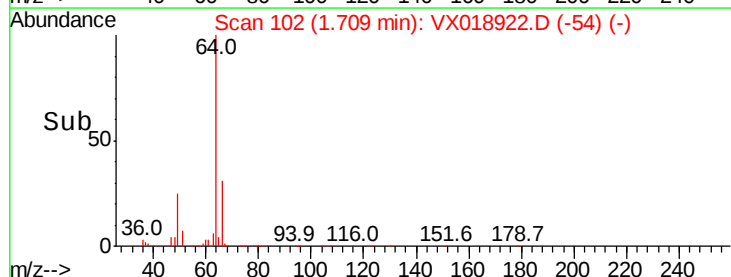
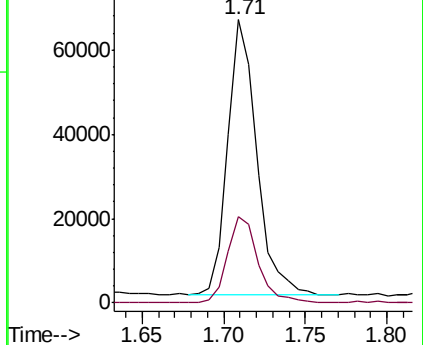
64 100

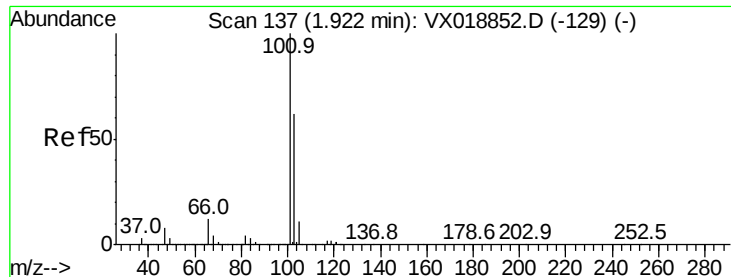
66 31.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



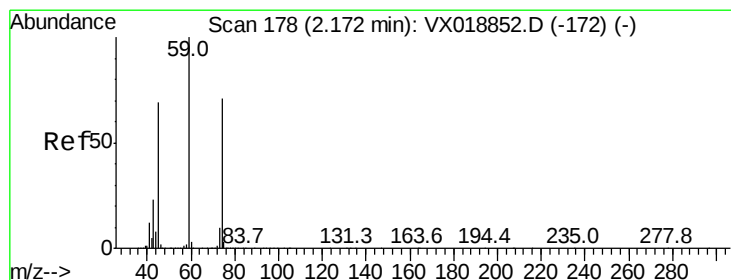
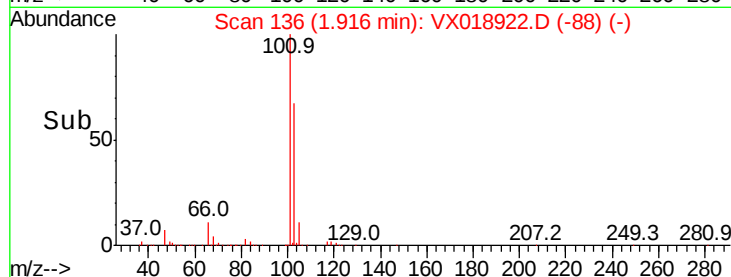
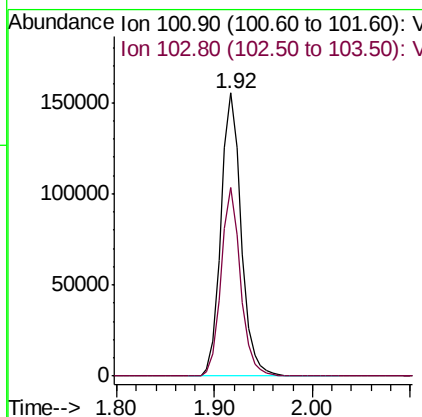
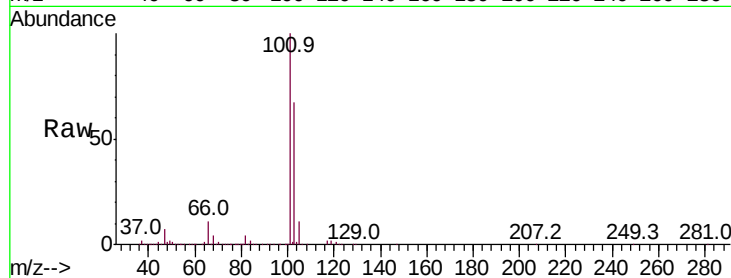


#7

Trichlorofluoromethane
 Concen: 44.736 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

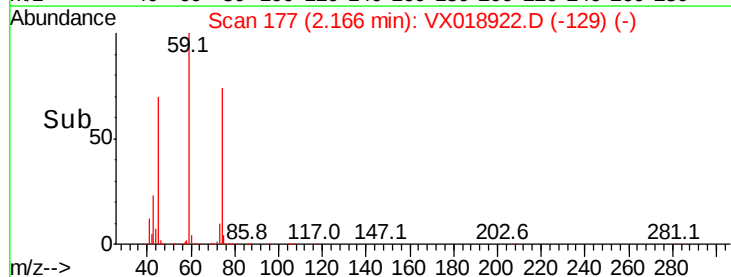
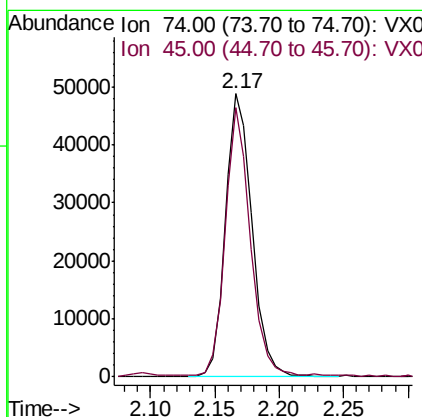
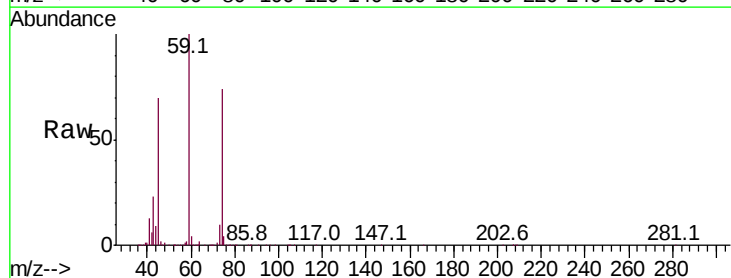
Tot Ion:101 Resp: 223130
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.0 75.0

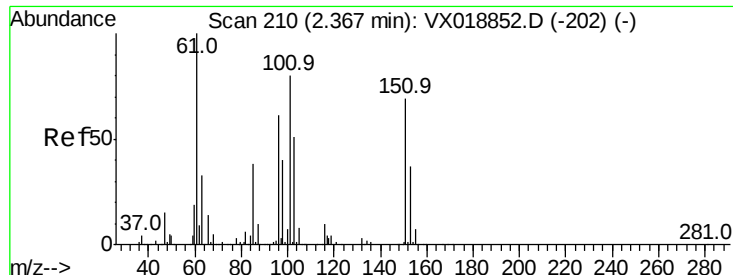


#8

Diethyl Ether
 Concen: 50.713 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion: 74 Resp: 70510
 Ion Ratio Lower Upper
 74 100
 45 89.3 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.748 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

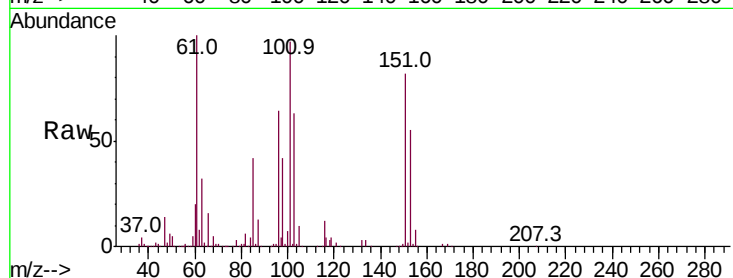
Tot Ion:101 Resp: 107191

Ion Ratio Lower Upper

101 100

85 44.2 36.6 55.0

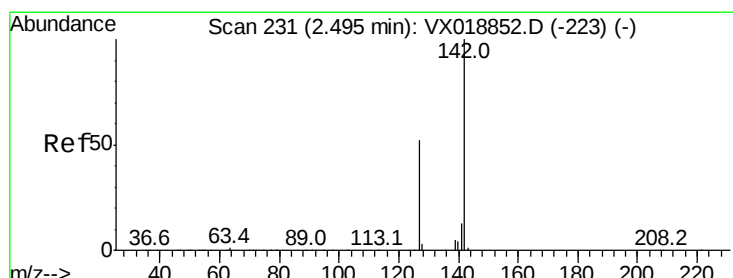
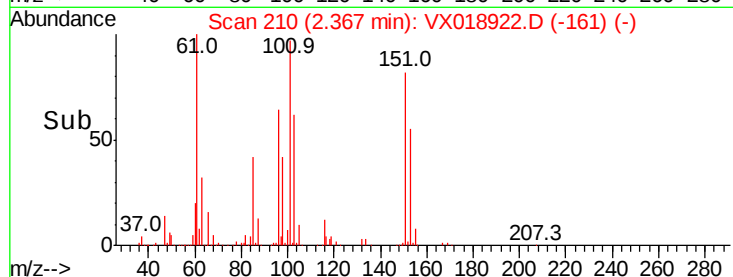
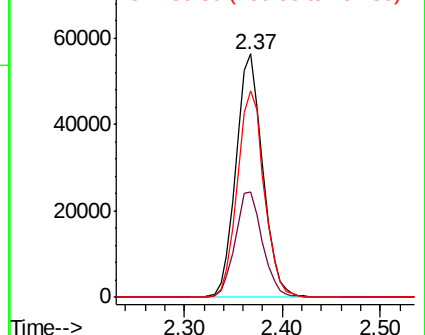
151 84.8 67.2 100.8



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: 51.284 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

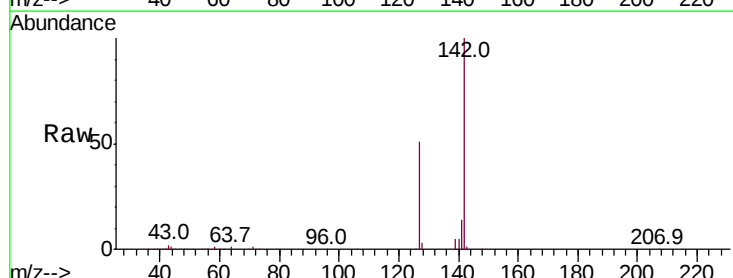
Tgt Ion:142 Resp: 129354

Ion Ratio Lower Upper

142 100

127 48.4 42.0 63.0

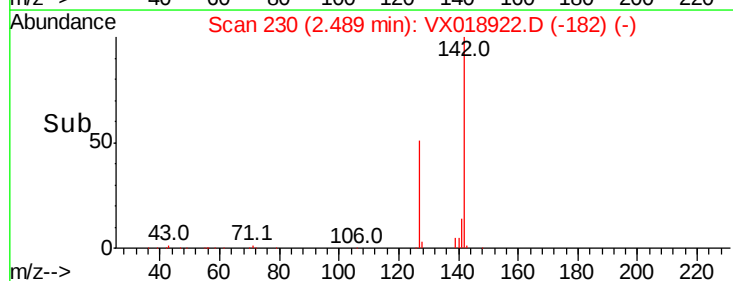
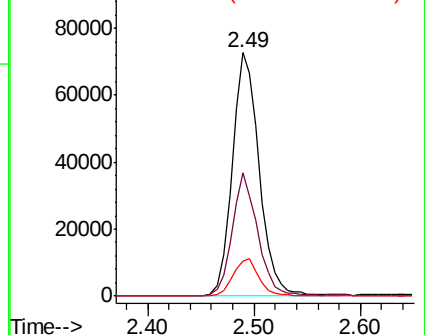
141 14.8 11.8 17.6

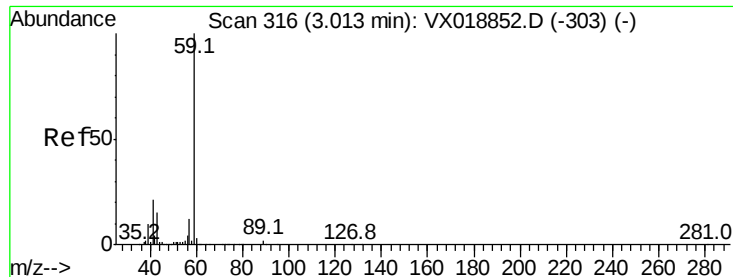


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



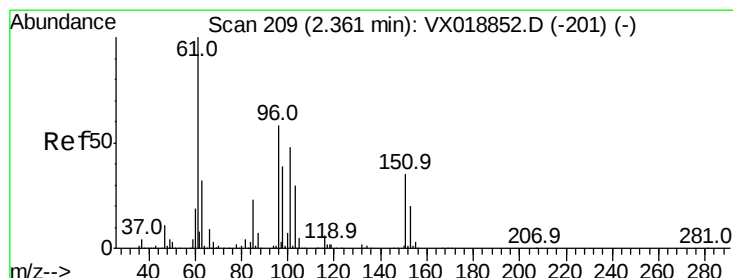
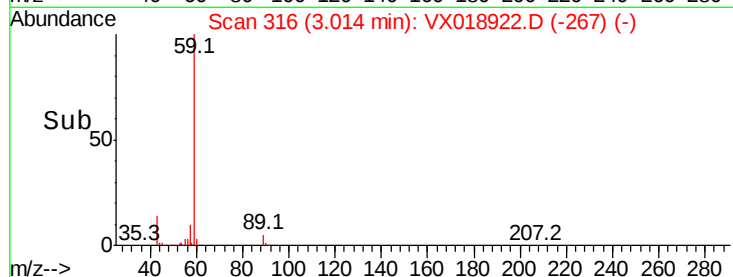
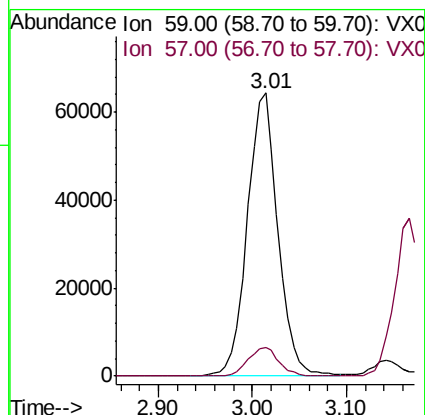
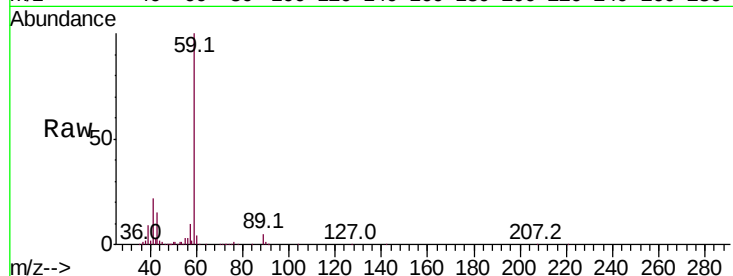


#11

Tert butyl alcohol
Concen: 260.763 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

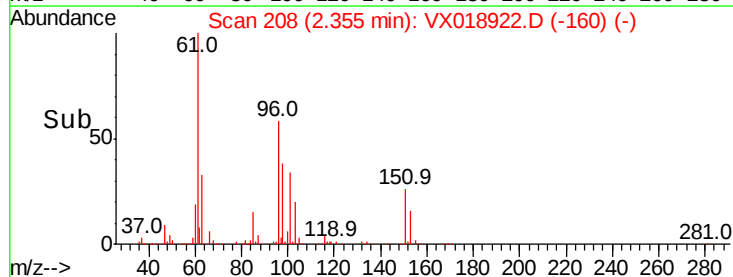
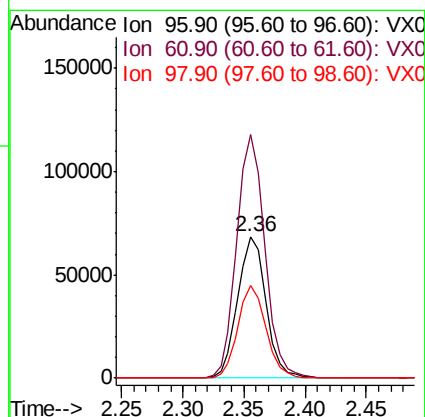
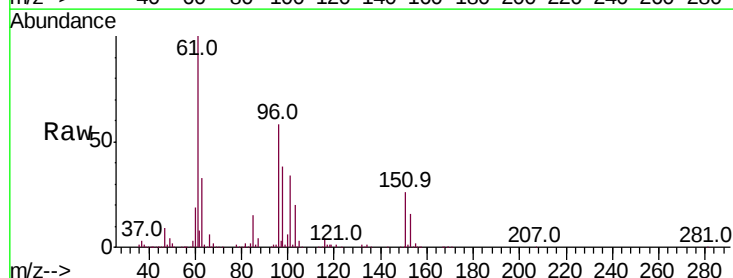
Tot Ion: 59 Resp: 146297
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.6

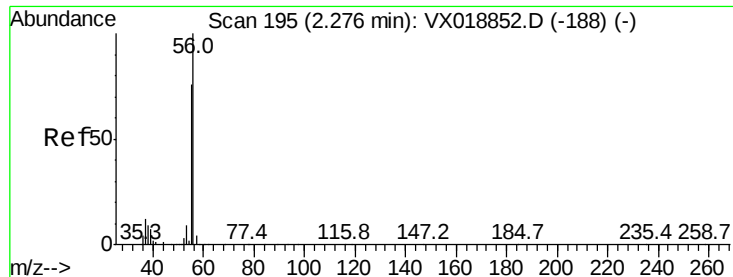


#12

1,1-Dichloroethene
Concen: 49.550 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 96 Resp: 110428
Ion Ratio Lower Upper
96 100
61 171.9 137.0 205.6
98 65.7 53.9 80.9





#13

Acrolein

Concen: 240.203 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

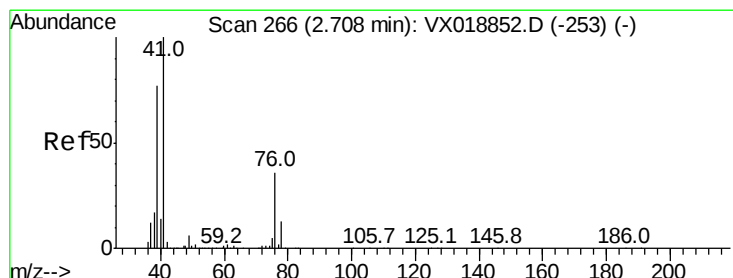
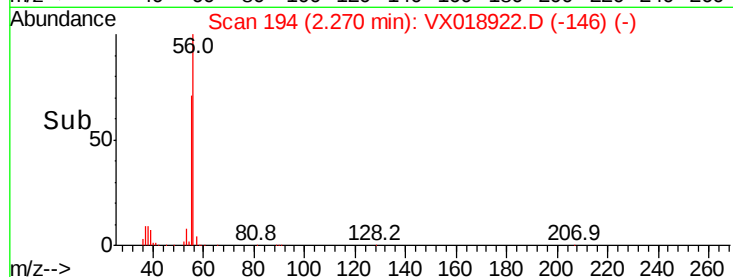
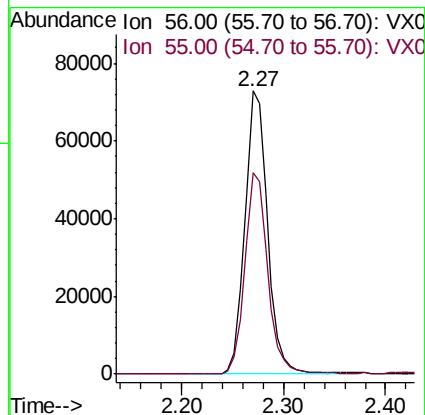
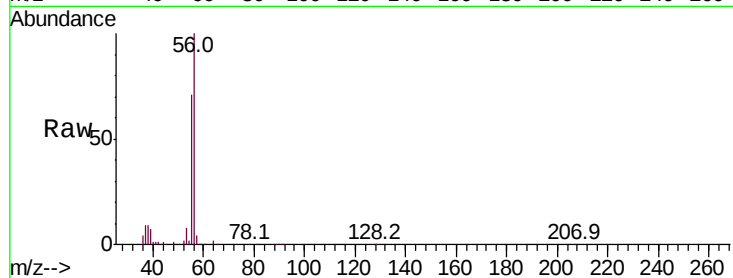
FC-MW07S-20201003MSD

Tot Ion: 56 Resp: 112124

Ion Ratio Lower Upper

56 100

55 71.4 58.6 87.8



#14

Allyl chloride

Concen: 47.162 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

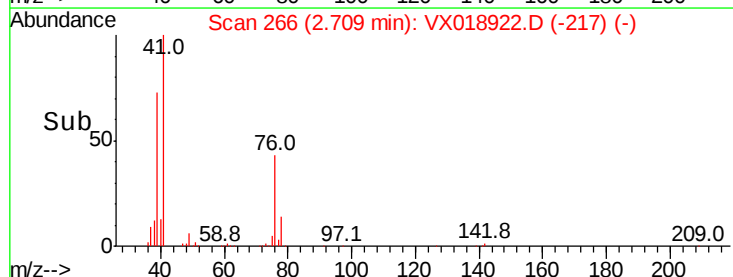
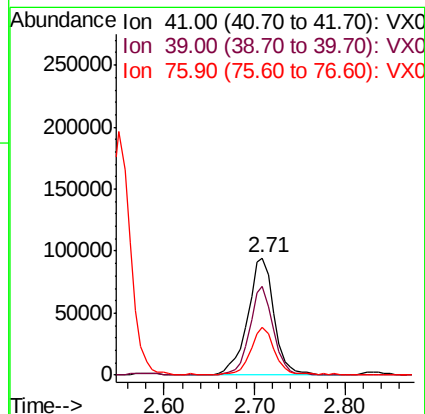
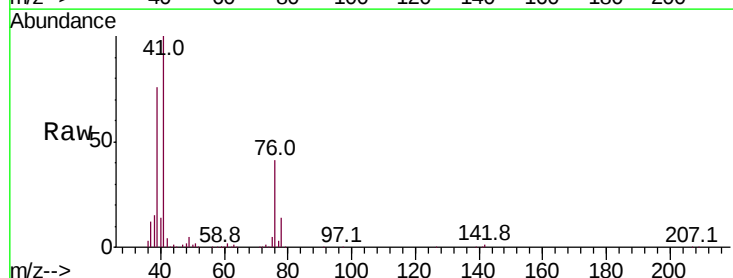
Tgt Ion: 41 Resp: 190725

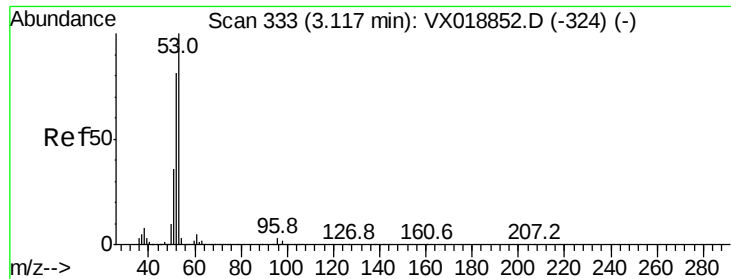
Ion Ratio Lower Upper

41 100

39 67.2 57.8 86.8

76 35.3 26.8 40.2

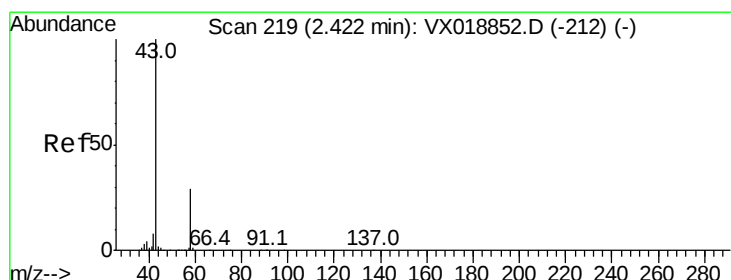
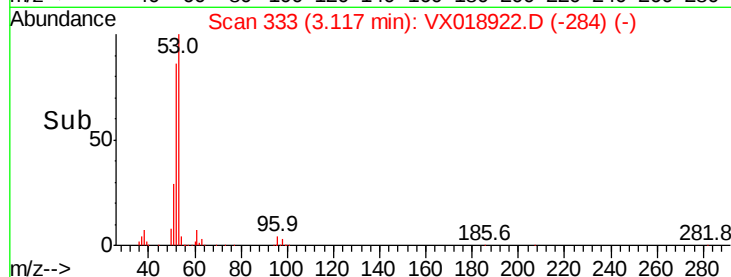
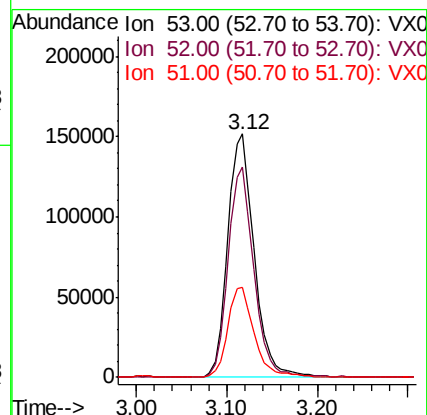
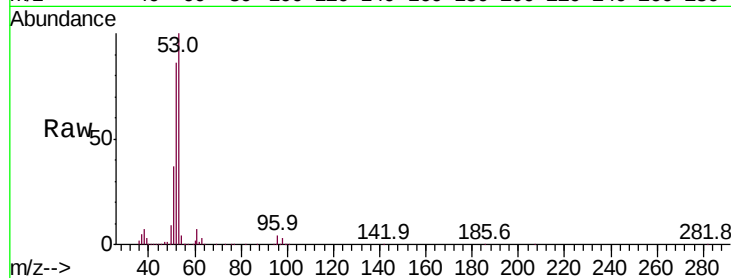




#15
 Acrylonitrile
 Concen: 260.250 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

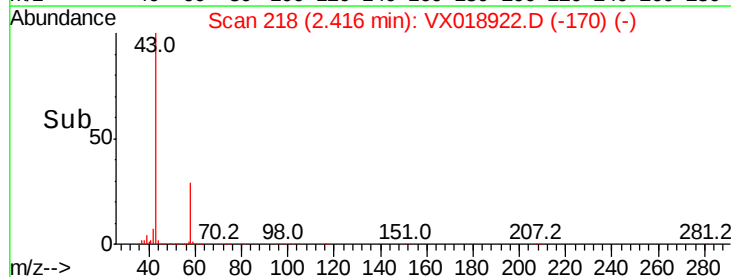
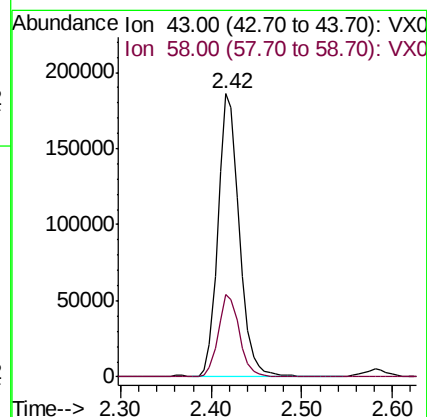
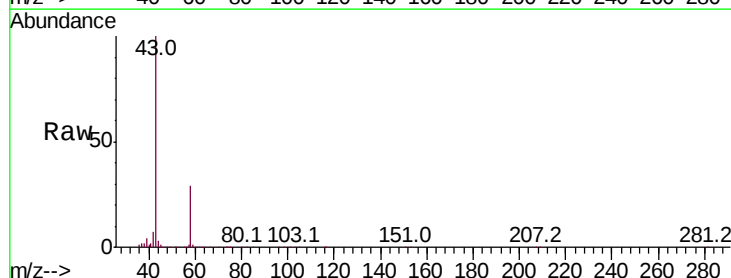
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

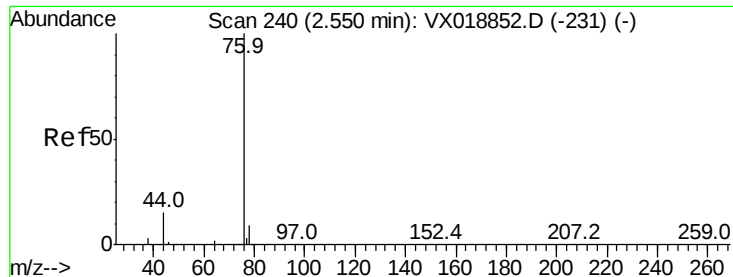
Tot Ion	53	Resp	309661
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.7	100.1
51	36.9	30.3	45.5



#16
 Acetone
 Concen: 228.250 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	43	Resp	307502
Ion Ratio	Lower	Upper	
43	100		
58	29.2	23.0	34.4

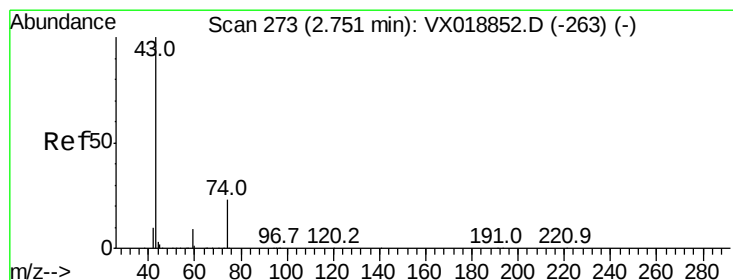
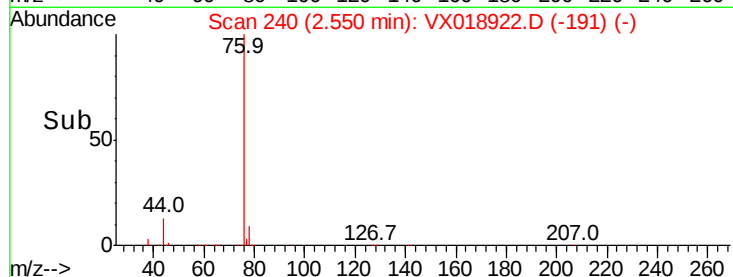
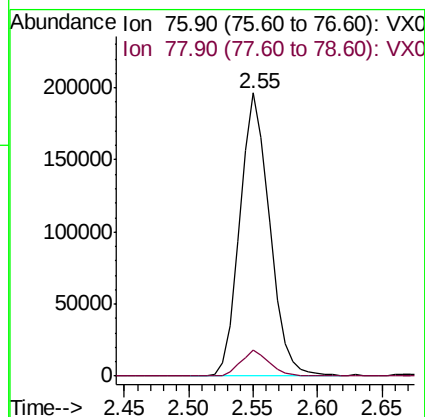
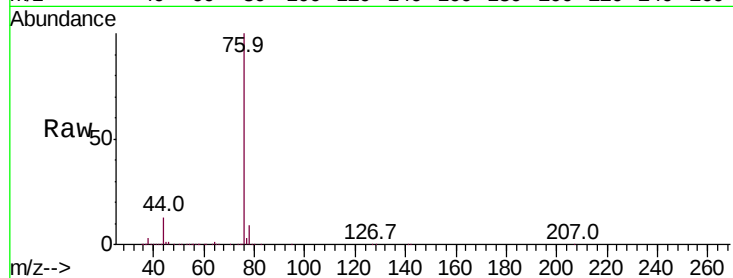




#17
Carbon Disulfide
Concen: 48.221 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

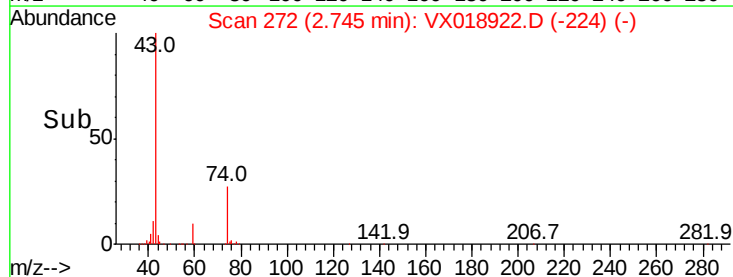
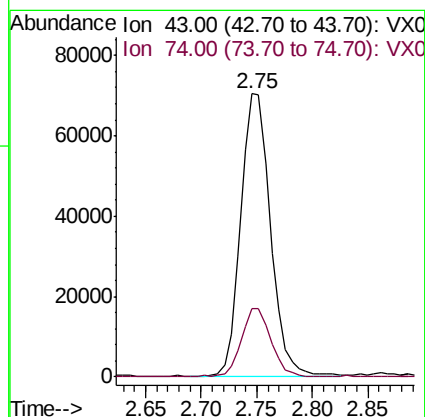
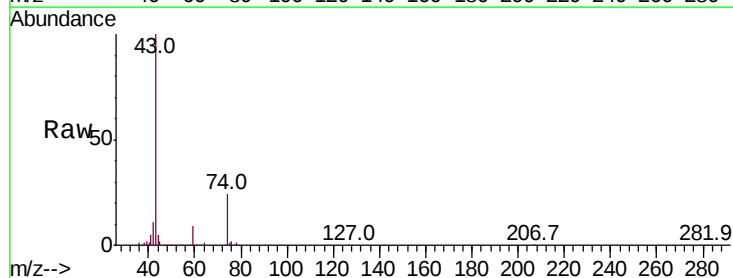
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

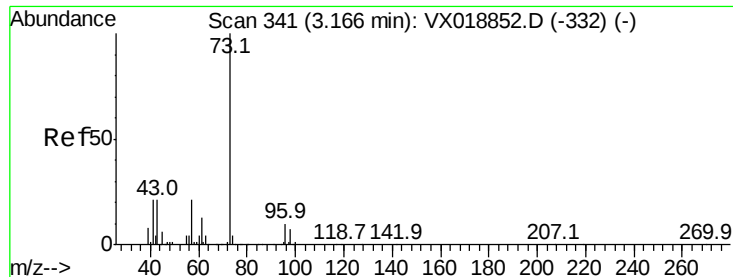
Tot Ion: 76 Resp: 315388
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 44.103 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 43 Resp: 130593
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3



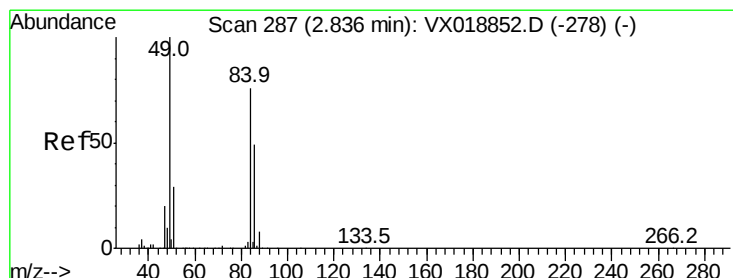
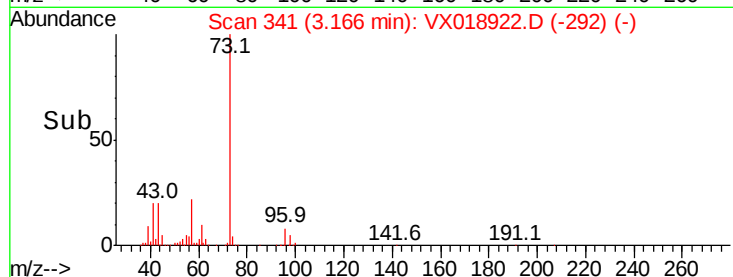
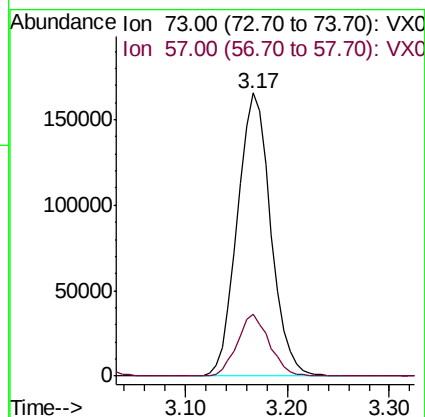
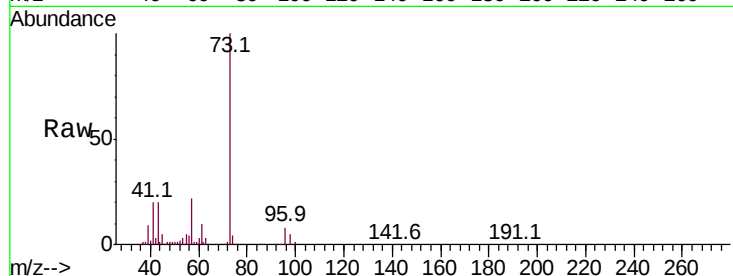


#19

Methyl tert-butyl Ether
 Concen: 50.362 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

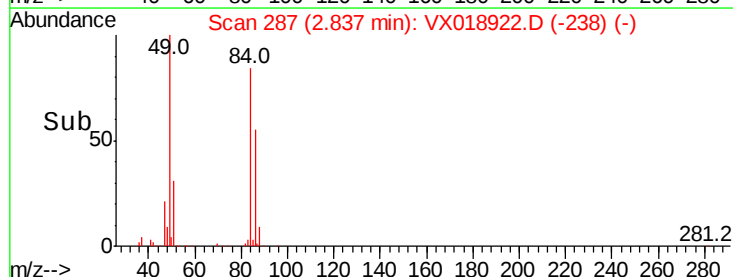
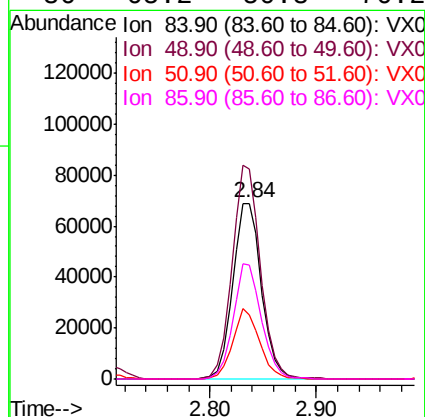
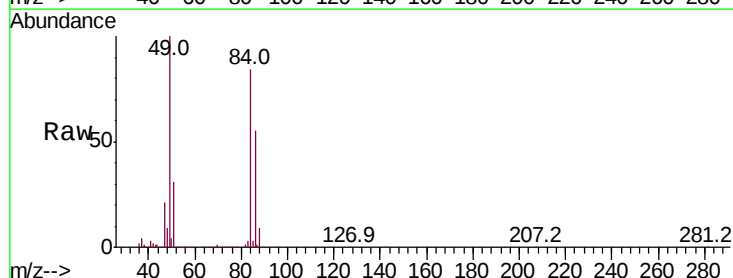
Tot Ion: 73 Resp: 376639
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.7 25.1

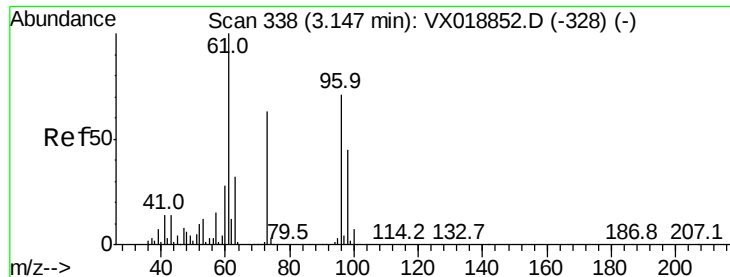


#20

Methylene Chloride
 Concen: 51.125 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion: 84 Resp: 129928
 Ion Ratio Lower Upper
 84 100
 49 119.0 104.8 157.2
 51 36.6 30.6 46.0
 86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.592 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

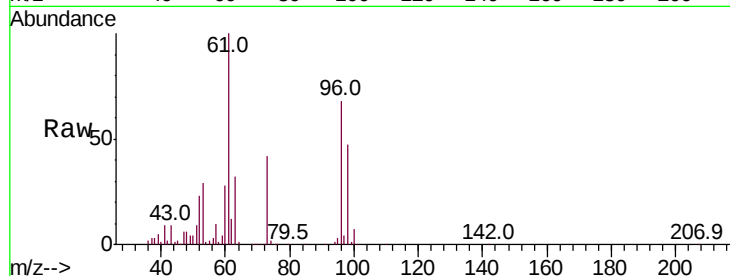
Tot Ion: 96 Resp: 125712

Ion Ratio Lower Upper

96 100

61 146.4 112.0 168.0

98 68.6 50.2 75.2

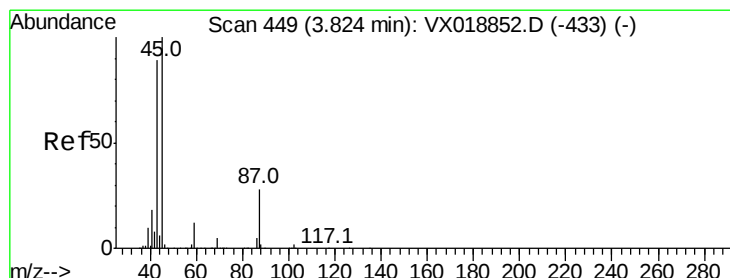
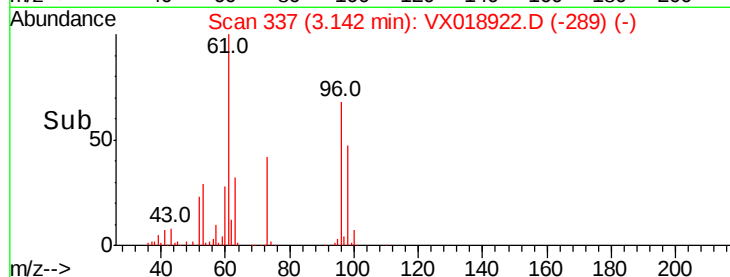
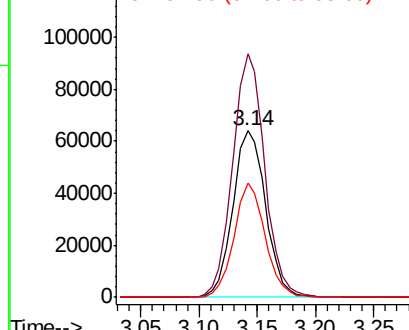


Abundance

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: 49.385 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion: 45 Resp: 357436

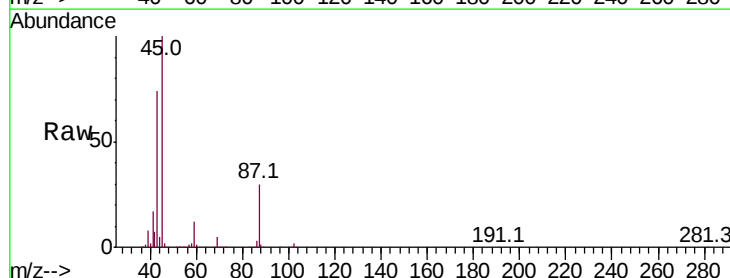
Ion Ratio Lower Upper

45 100

43 73.5 71.2 106.8

87 29.6 22.5 33.7

59 11.8 9.2 13.8



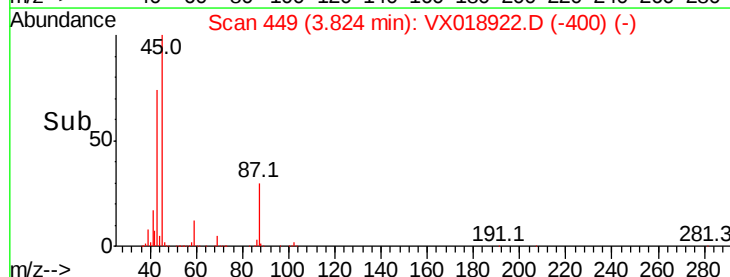
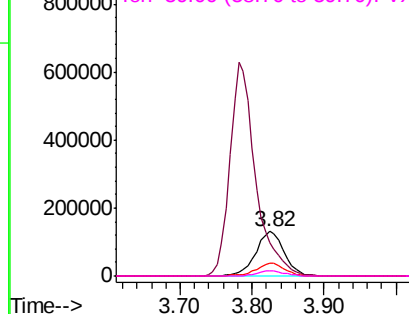
Abundance

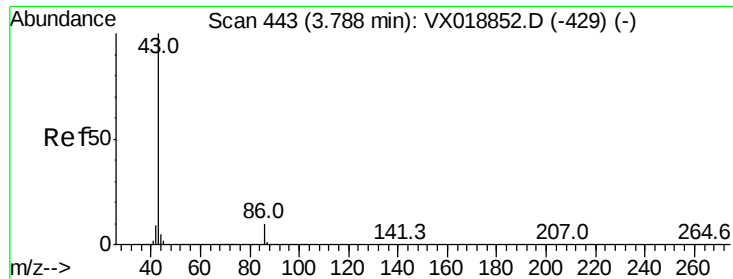
Ion 45.00 (44.70 to 45.70): VX0

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: 224.289 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

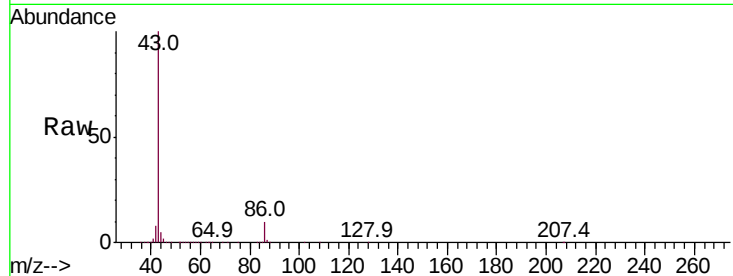
FC-MW07S-20201003MSD

Tot Ion: 43 Resp: 1561244

Ion Ratio Lower Upper

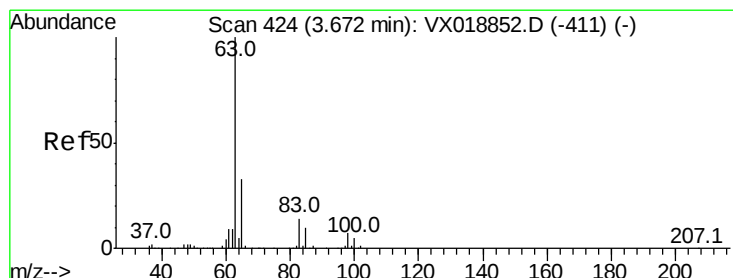
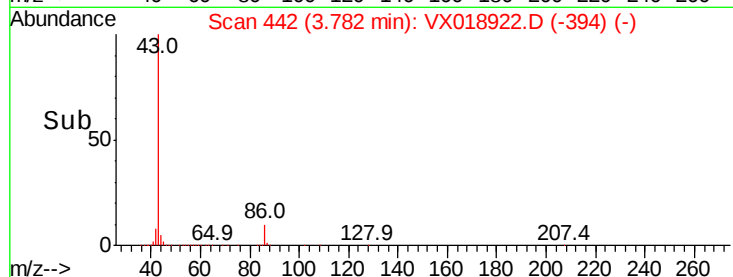
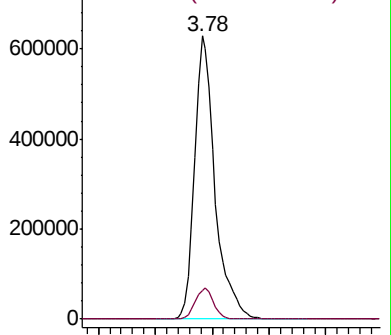
43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.369 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

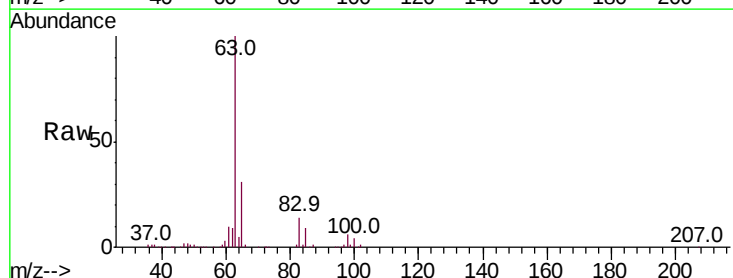
Tgt Ion: 63 Resp: 230509

Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.2

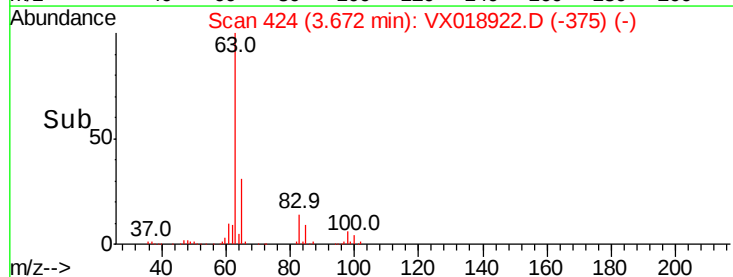
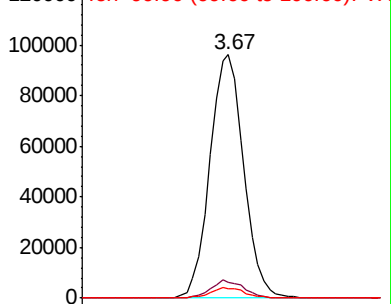
100 4.1 2.5 7.6

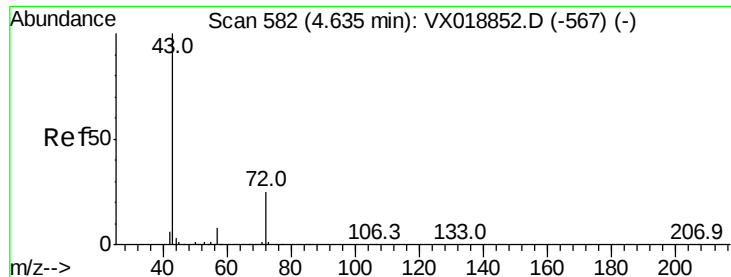


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.021 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

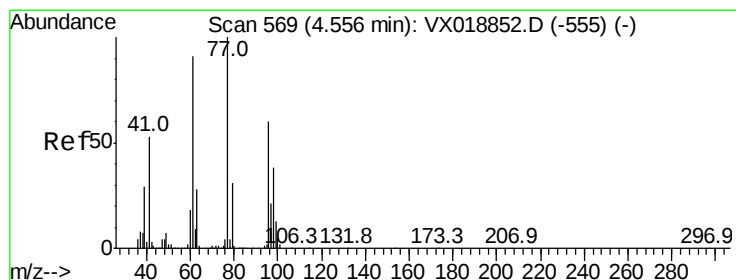
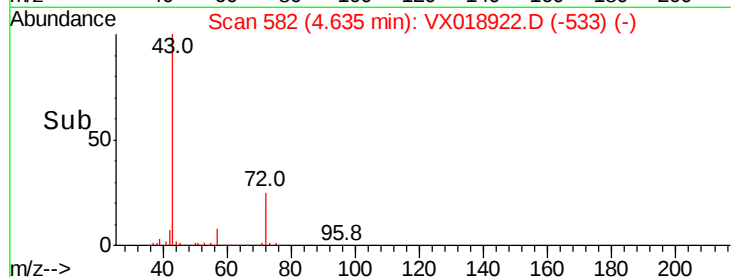
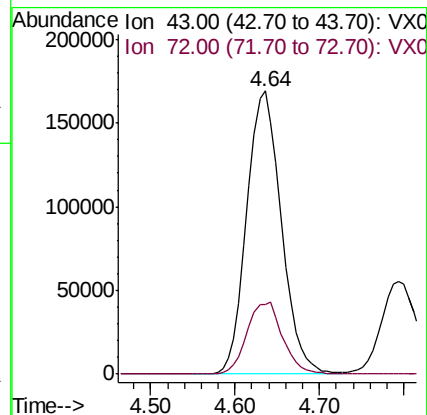
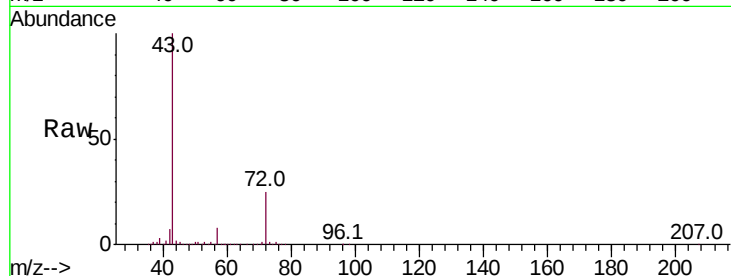
FC-MW07S-20201003MSD

Tot Ion: 43 Resp: 470812

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.4



#26

2,2-Dichloropropane

Concen: 36.423 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018922.D

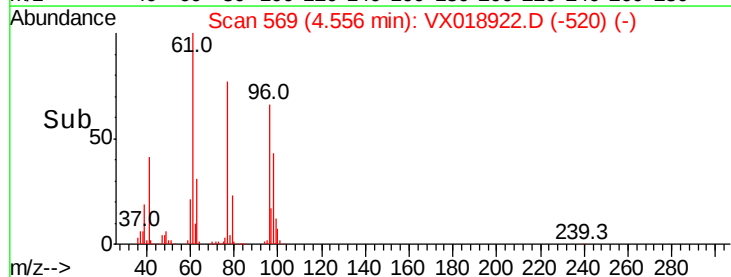
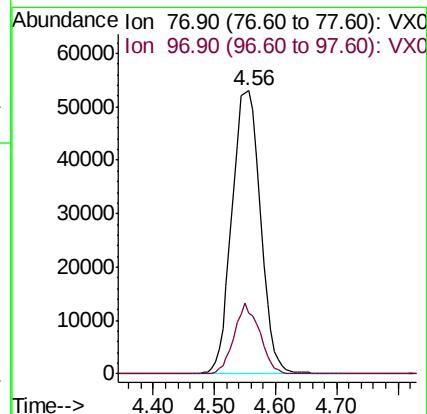
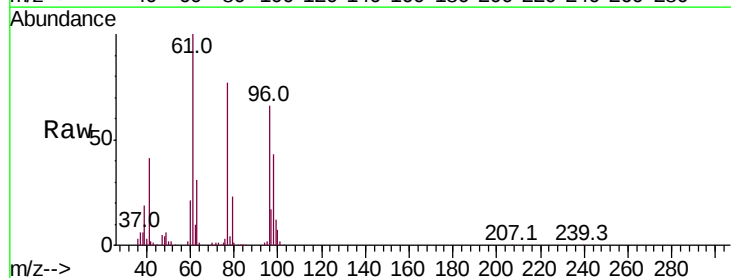
Acq: 12 Oct 2020 22:25

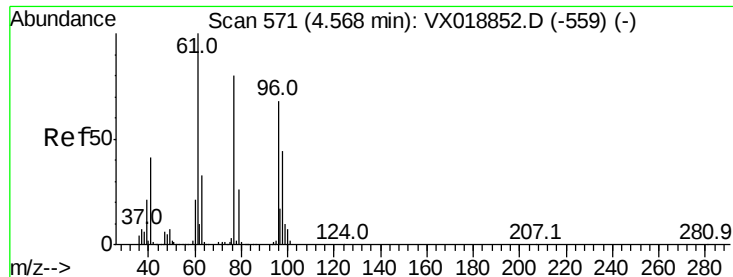
Tgt Ion: 77 Resp: 171009

Ion Ratio Lower Upper

77 100

97 22.2 10.4 31.4



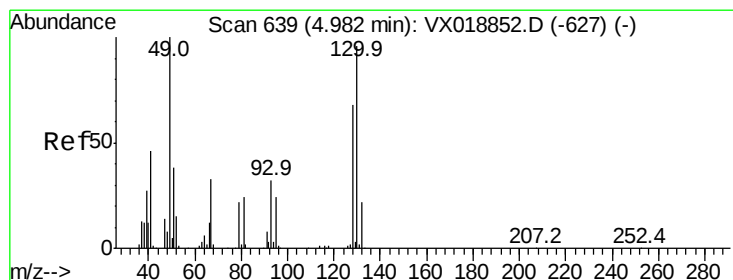
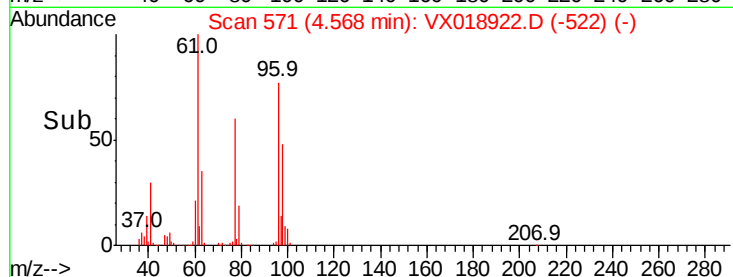
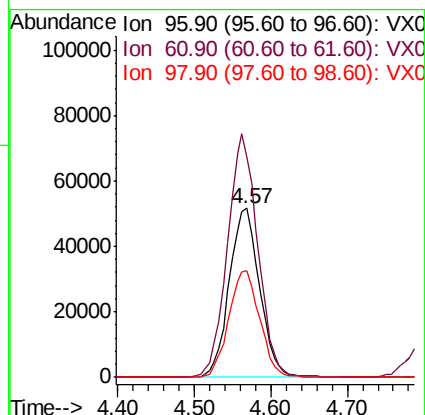
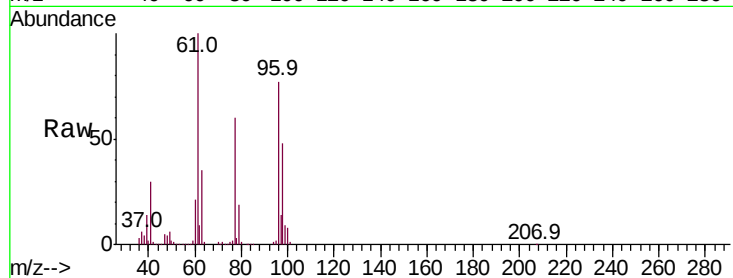


#27

cis-1,2-Dichloroethene
Concen: 49.319 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

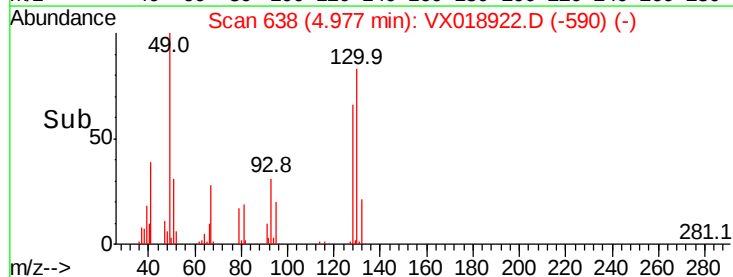
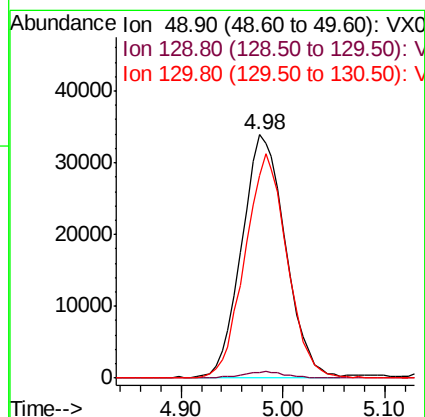
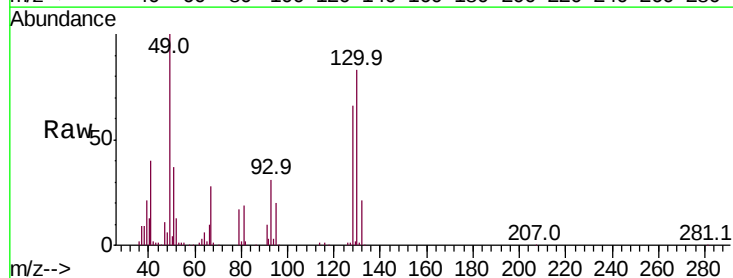
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	306.8
98	64.4	0.0	130.2

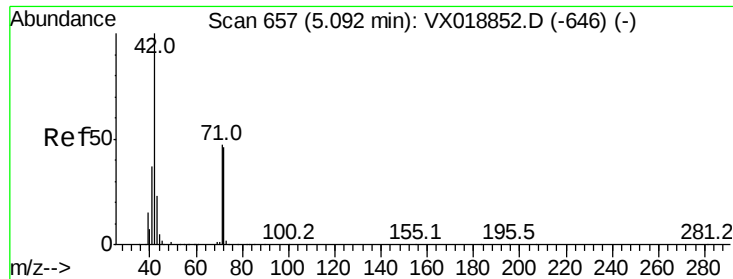


#28

Bromochloromethane
Concen: 47.020 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	88.8	71.2	106.8

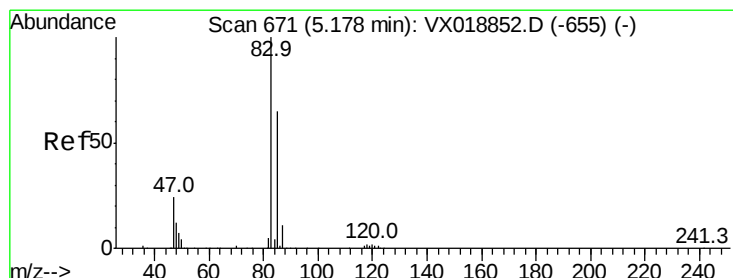
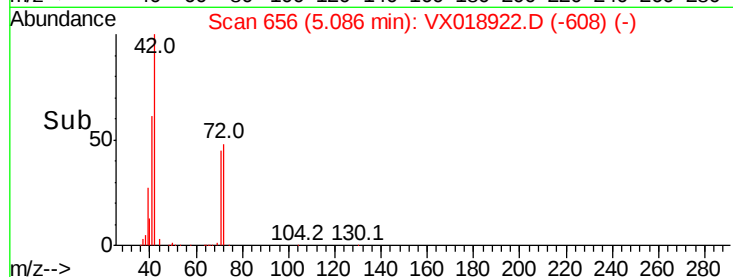
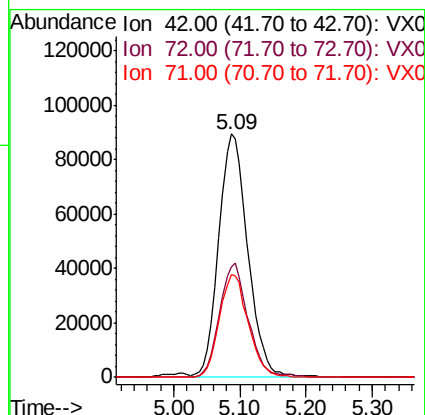
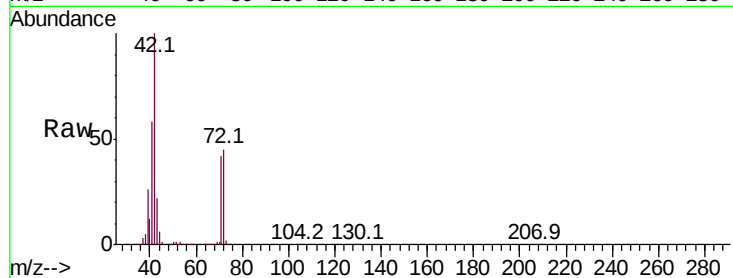




#29
Tetrahydrofuran
Concen: 262.897 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

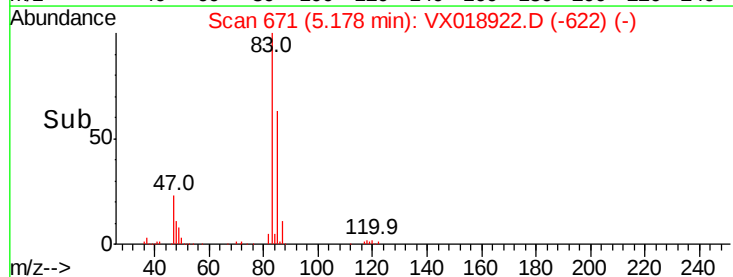
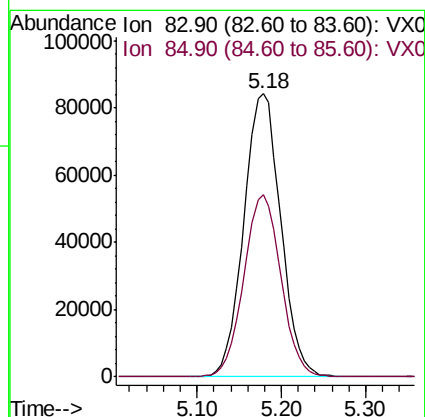
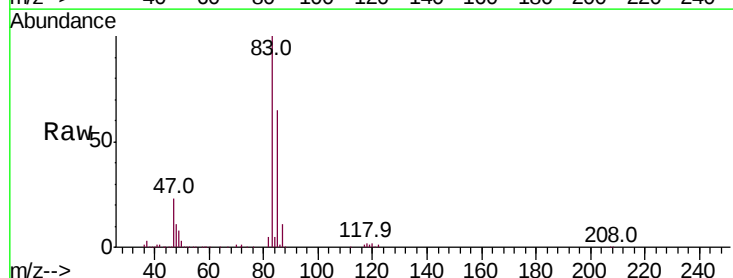
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

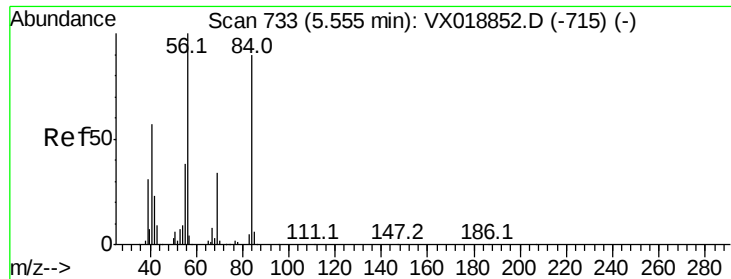
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.4	54.6
71	42.0	35.2	52.8



#30
Chloroform
Concen: 46.787 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8

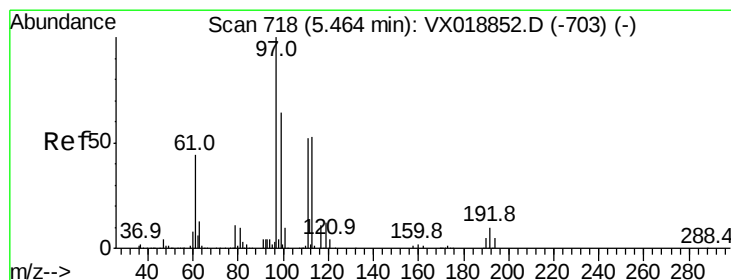
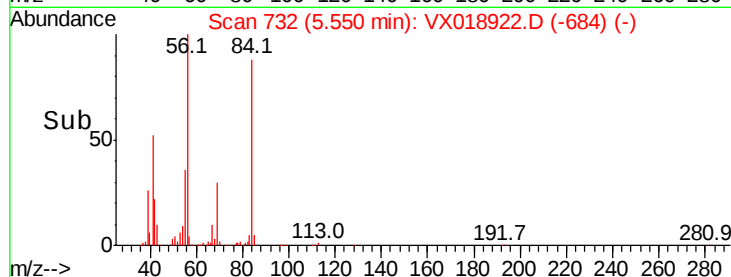
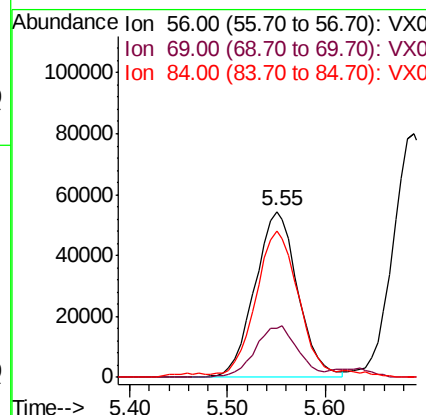
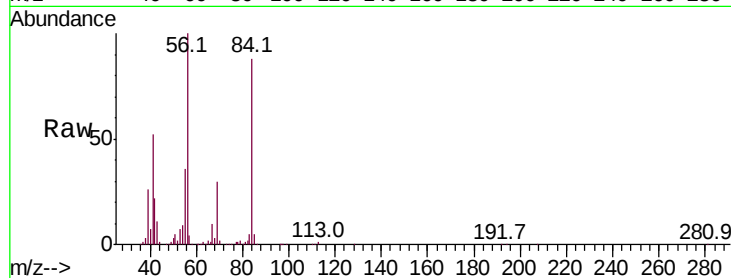




#31
Cyclohexane
Concen: 49.757 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

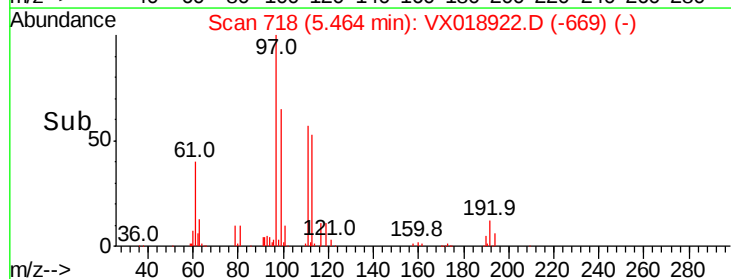
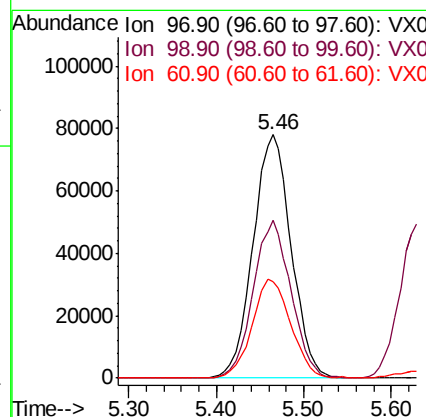
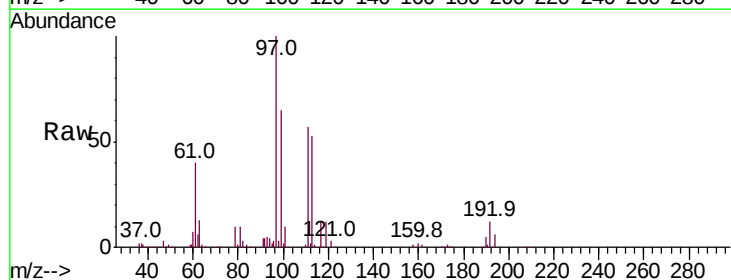
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

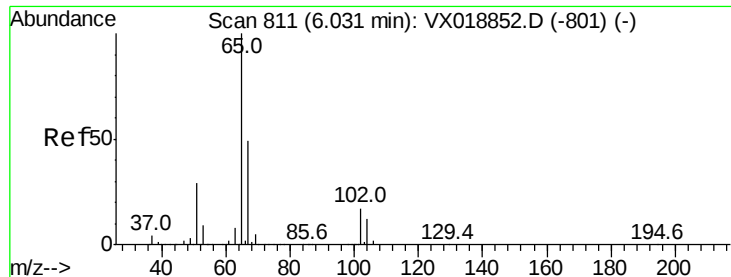
Tot Ion: 56 Resp: 165545
Ion Ratio Lower Upper
56 100
69 29.6 27.1 40.7
84 86.4 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 46.216 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 97 Resp: 235471
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 41.4 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 45.051 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

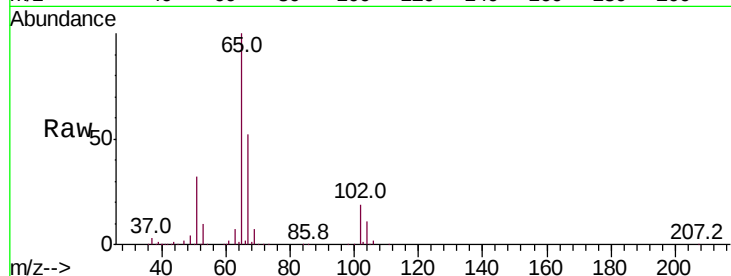
FC-MW07S-20201003MSD

Tot Ion: 65 Resp: 160479

Ion Ratio Lower Upper

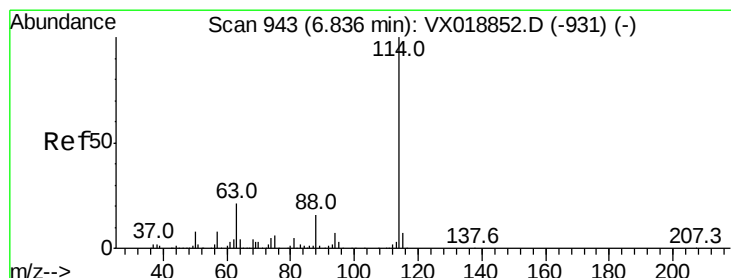
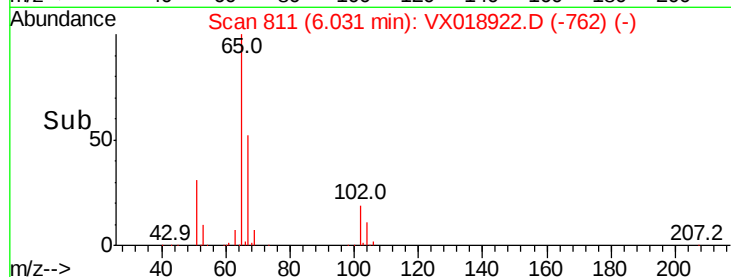
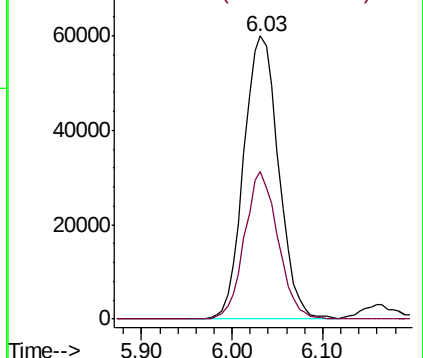
65 100

67 49.7 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

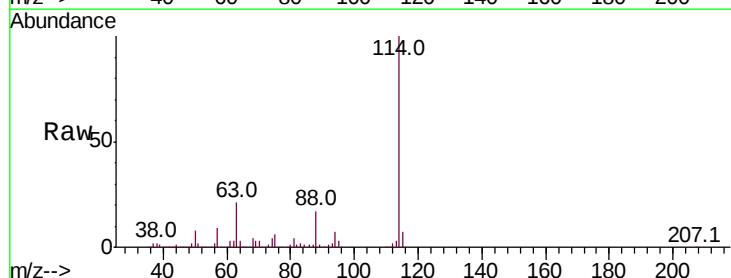
Tgt Ion: 114 Resp: 355465

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

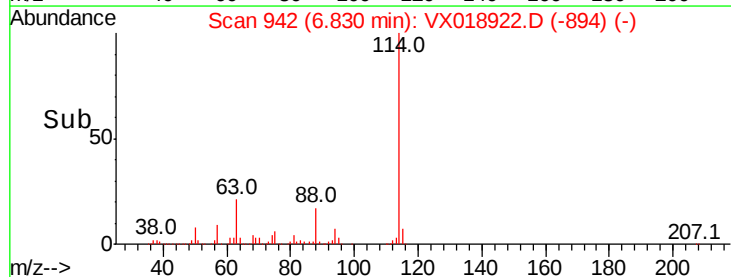
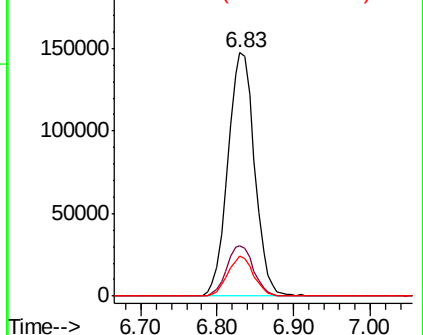
88 16.6 0.0 32.6

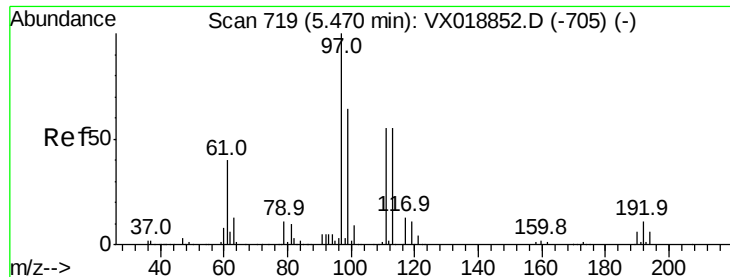


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

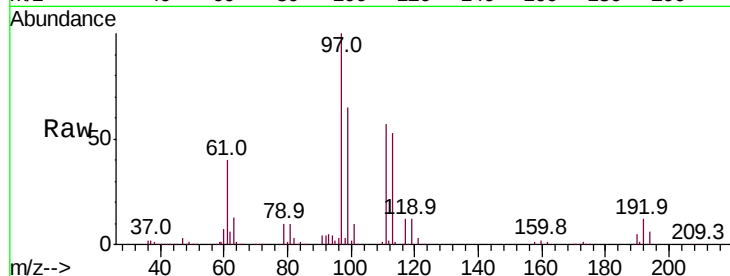




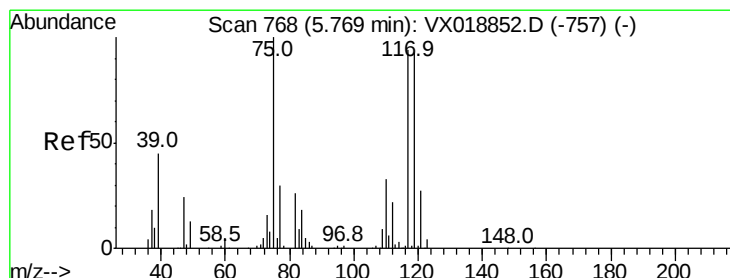
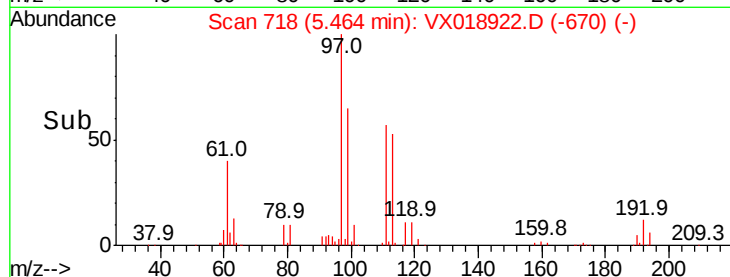
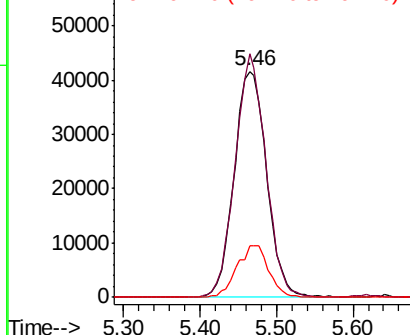
#35
Dibromofluoromethane
Concen: 48.430 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion:113 Resp: 122685
Ion Ratio Lower Upper
113 100
111 101.7 80.1 120.1
192 22.4 16.0 24.0

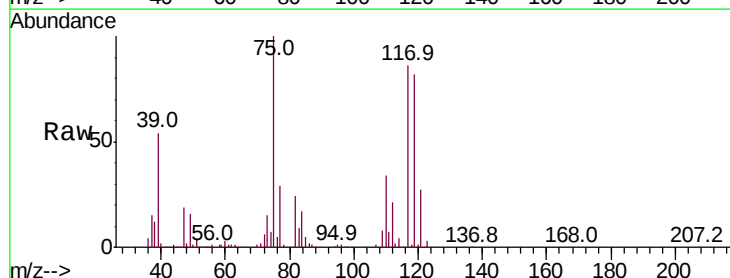


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

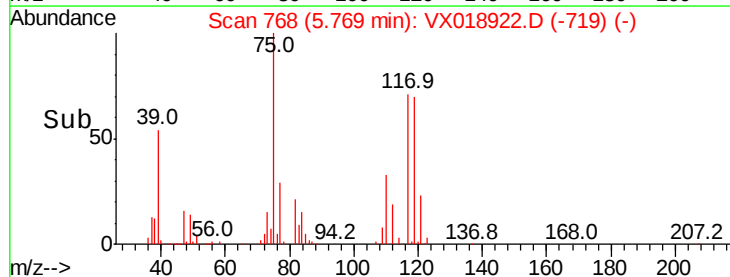
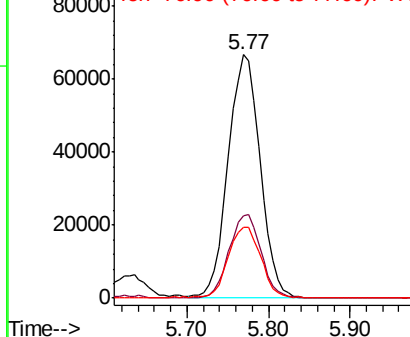


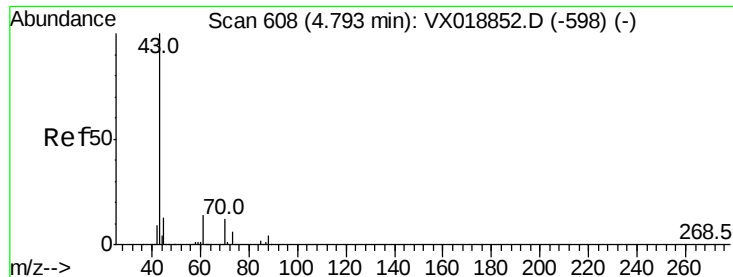
#36
1,1-Dichloropropene
Concen: 48.582 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 75 Resp: 181570
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.5
77 29.9 24.2 36.4



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

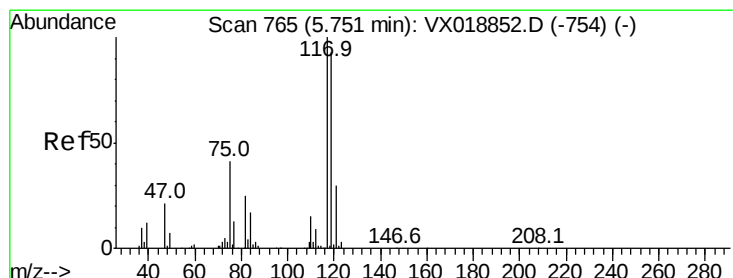
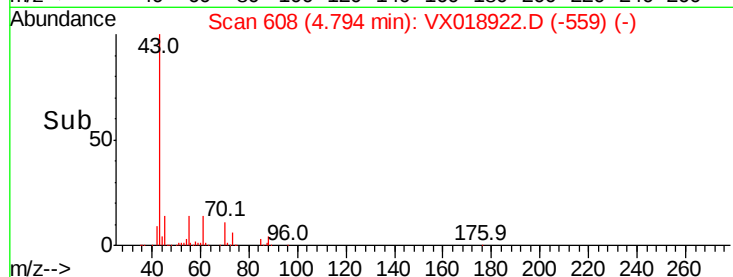
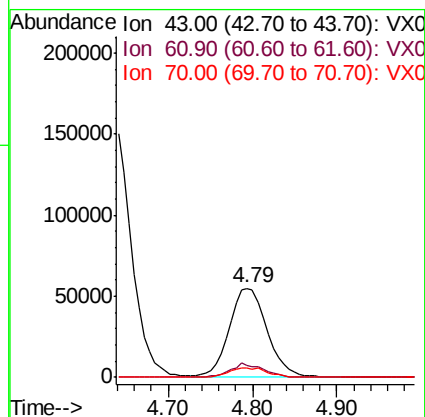
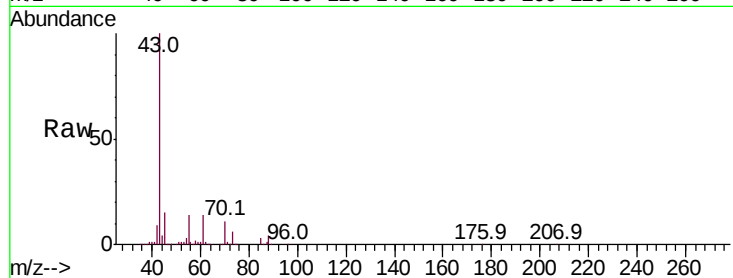




#37
Ethyl Acetate
Concen: 46.013 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

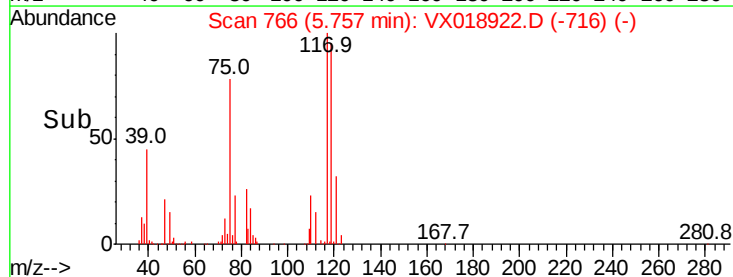
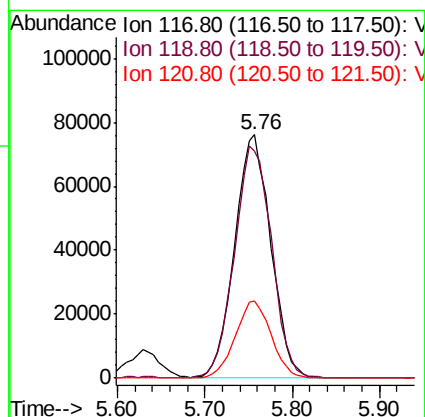
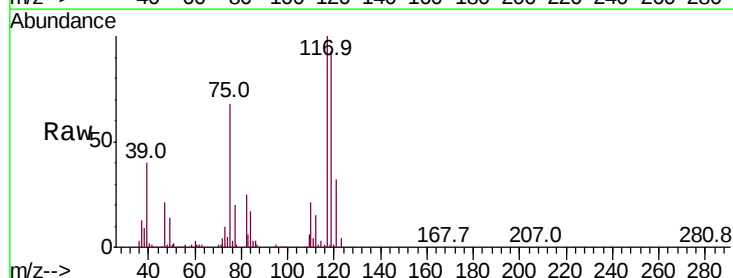
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

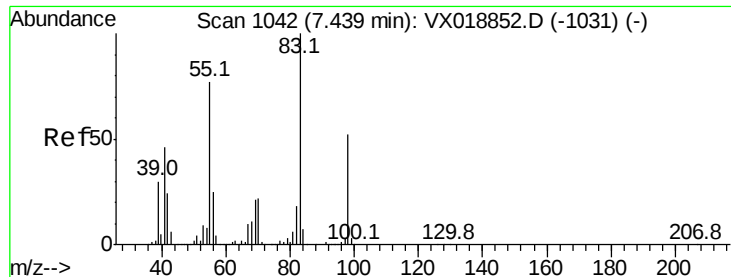
Tot Ion	43	Resp	166067
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.9	16.3
70	11.2	8.6	13.0



#38
Carbon Tetrachloride
Concen: 47.340 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	117	Resp	219291
Ion Ratio	Lower	Upper	
117	100		
119	93.0	73.9	110.9
121	31.6	23.6	35.4

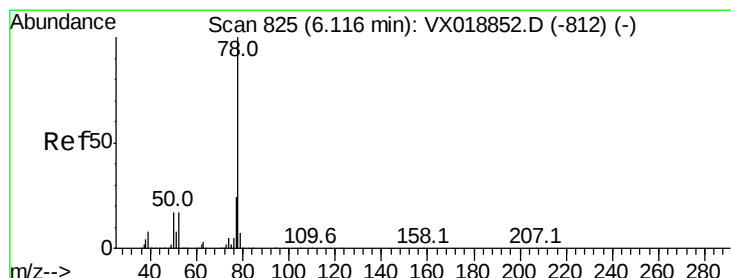
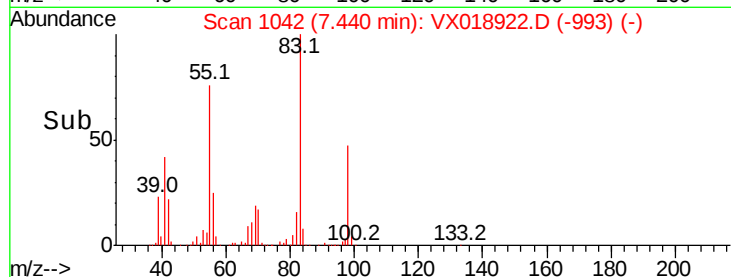
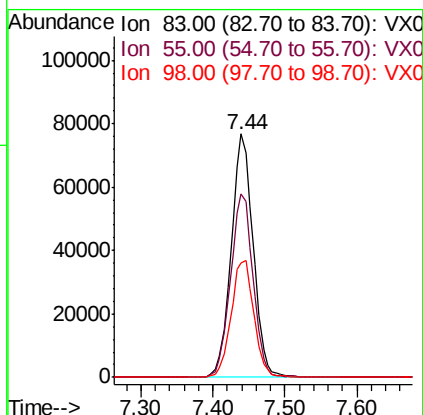
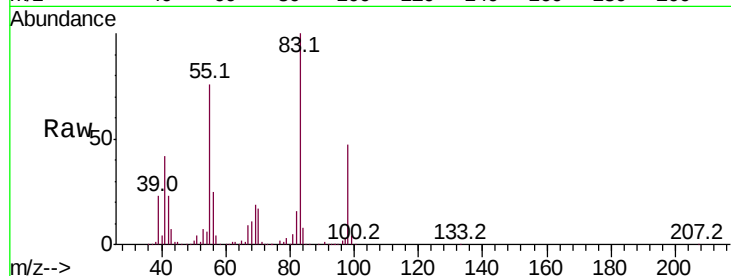




#39
Methvlcvclohexane
Concen: 47.315 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

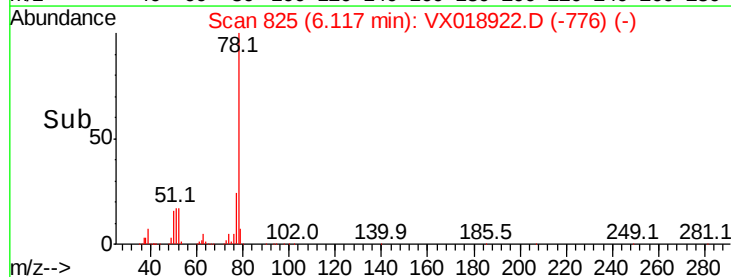
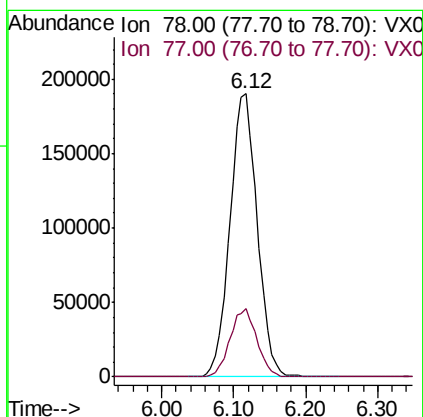
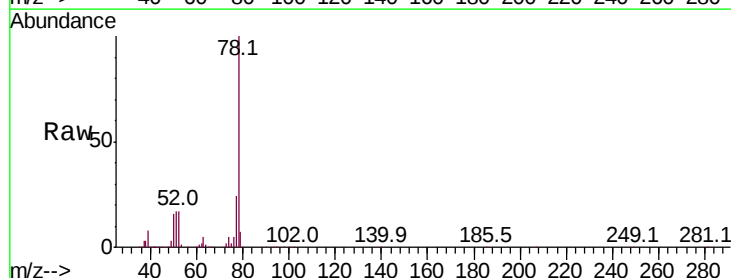
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

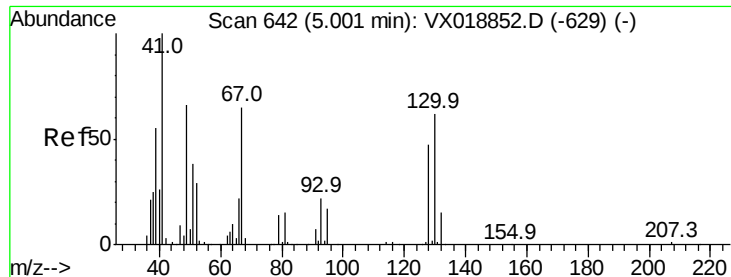
Tot Ion: 83 Resp: 163010
Ion Ratio Lower Upper
83 100
55 75.5 61.8 92.6
98 47.1 41.4 62.0



#40
Benzene
Concen: 49.750 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 78 Resp: 499533
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

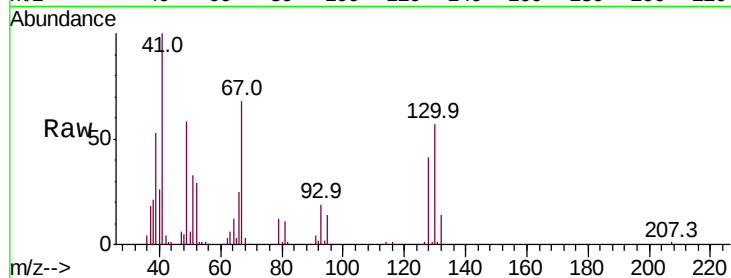




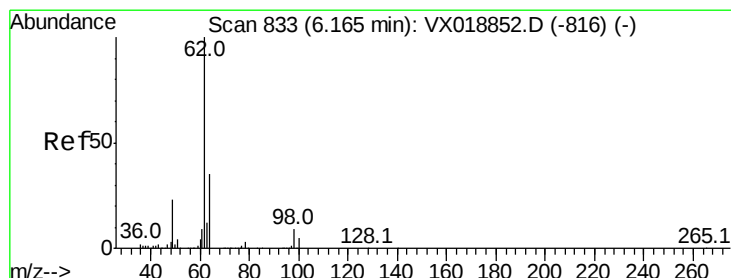
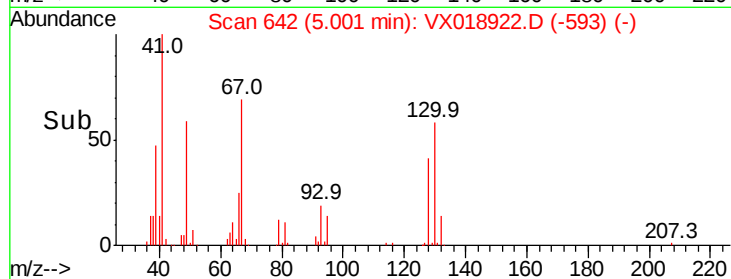
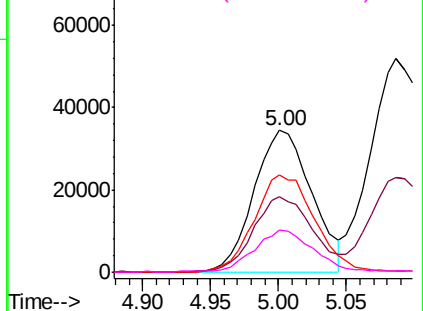
#41
Methacrylonitrile
Concen: 48.920 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion:	41	Resp:	102424
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.4	68.2
67	71.8	55.4	83.2
52	30.3	23.8	35.8

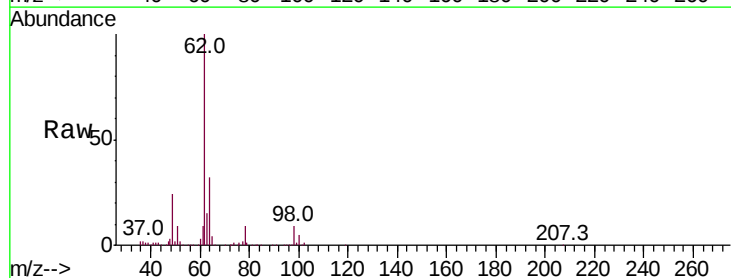


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

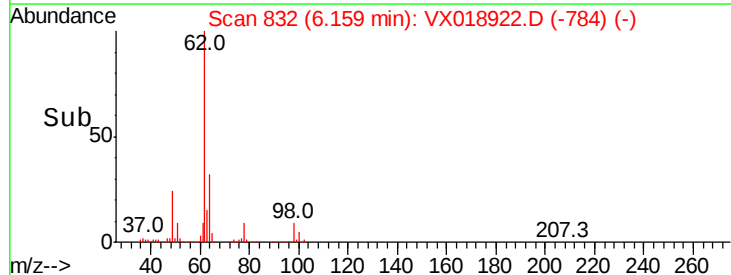
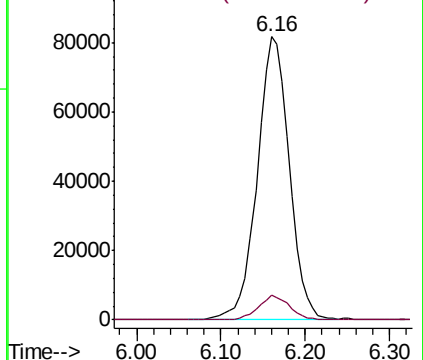


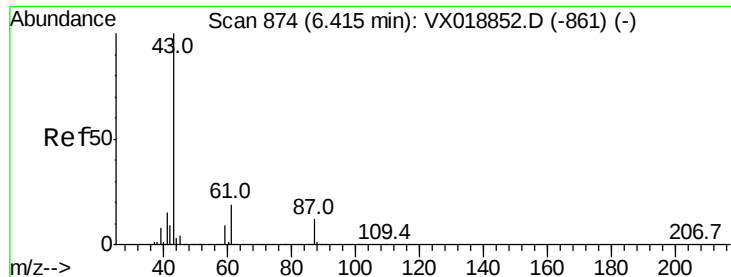
#42
1,2-Dichloroethane
Concen: 45.382 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion:	62	Resp:	213631
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4



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





#43

Isopropyl Acetate

Concen: 45.574 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

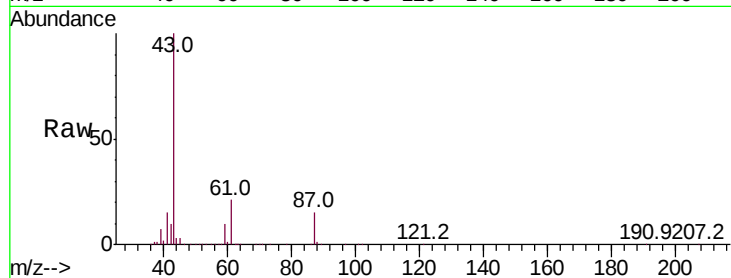
Tot Ion: 43 Resp: 273355

Ion Ratio Lower Upper

43 100

61 20.5 15.5 23.3

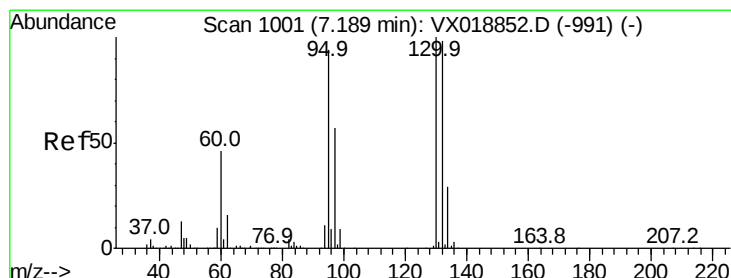
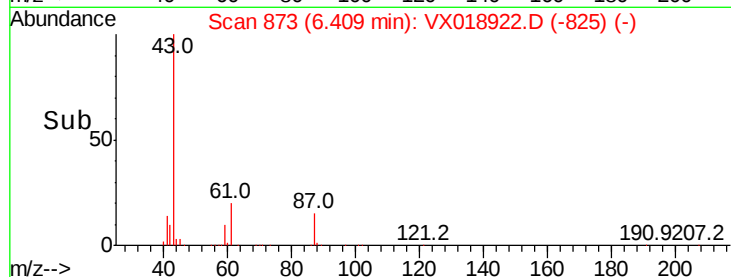
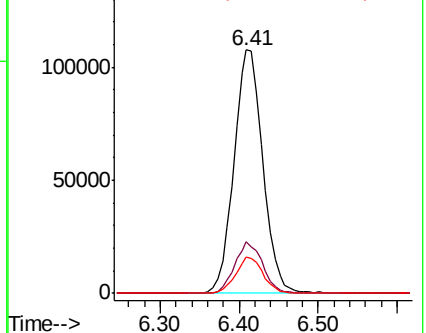
87 14.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.348 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018922.D

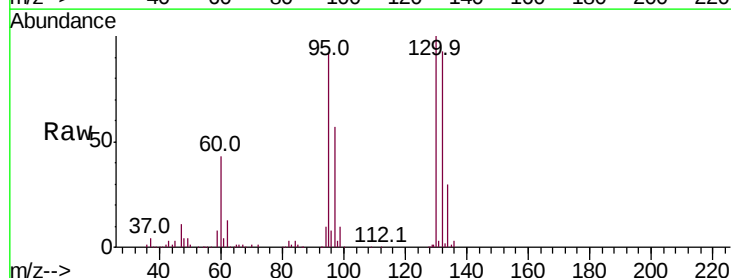
Acq: 12 Oct 2020 22:25

Tgt Ion:130 Resp: 145585

Ion Ratio Lower Upper

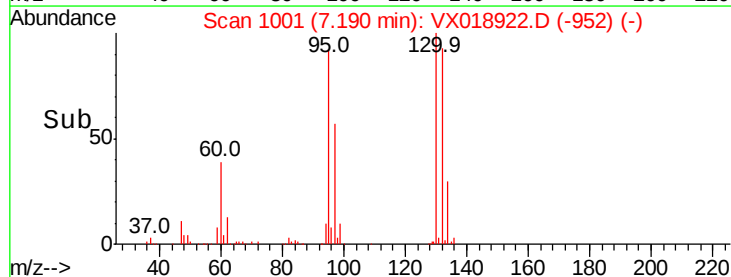
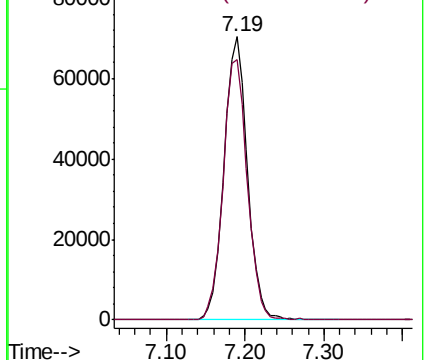
130 100

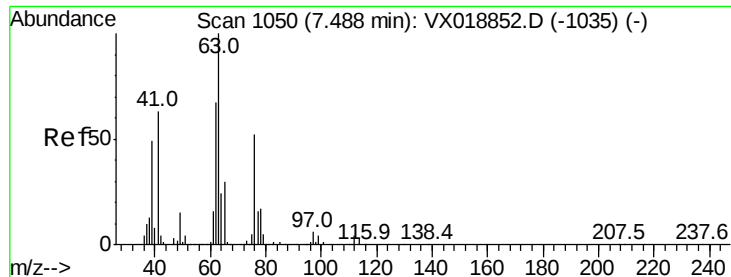
95 92.1 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

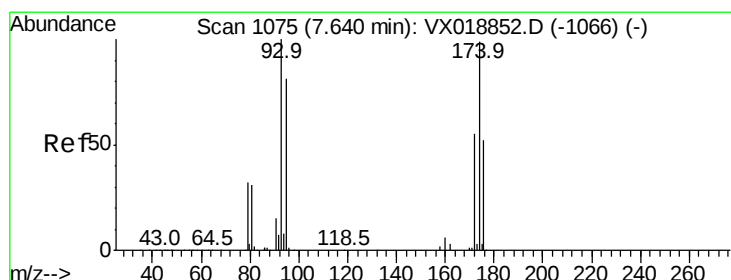
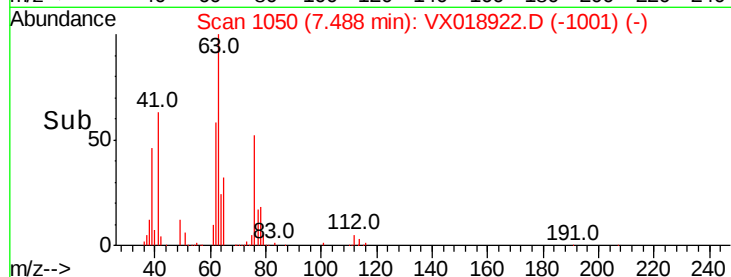
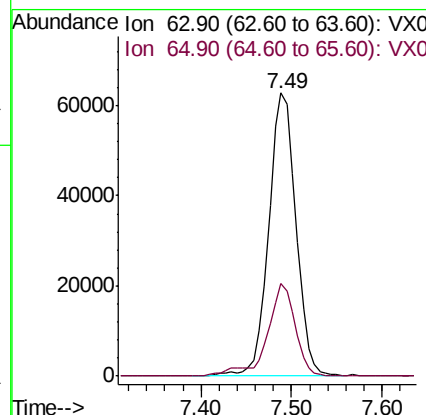
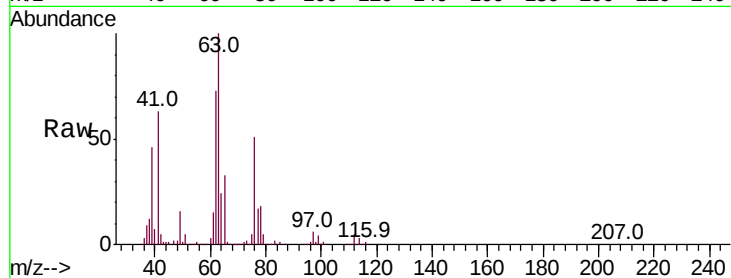




#45
 1,2-Dichloropropane
 Concen: 49.246 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

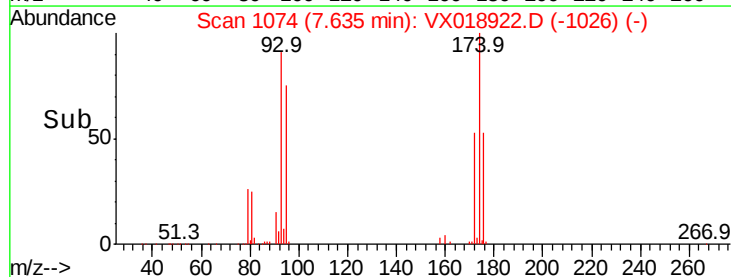
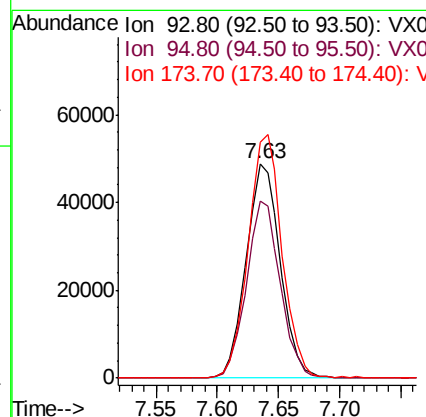
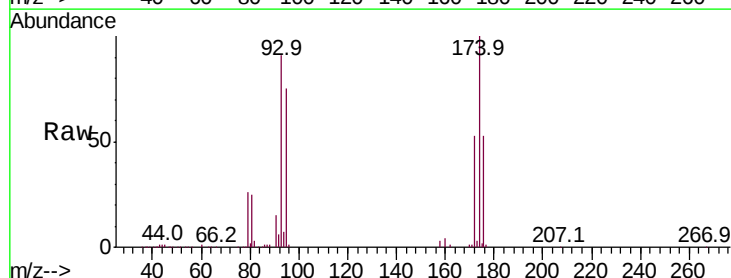
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

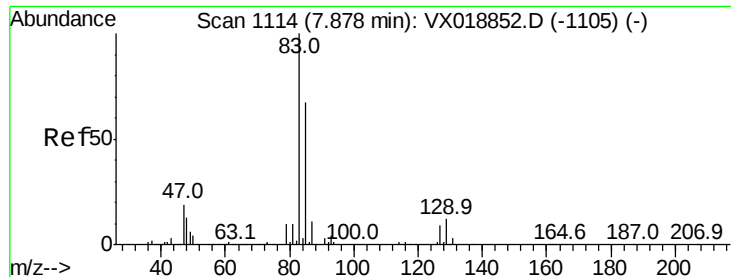
Tot Ion: 63 Resp: 130837
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.2 36.4



#46
 Dibromomethane
 Concen: 48.205 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion: 93 Resp: 94645
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.1 99.1
 174 113.4 84.6 127.0





#47

Bromodichloromethane

Concen: 48.131 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

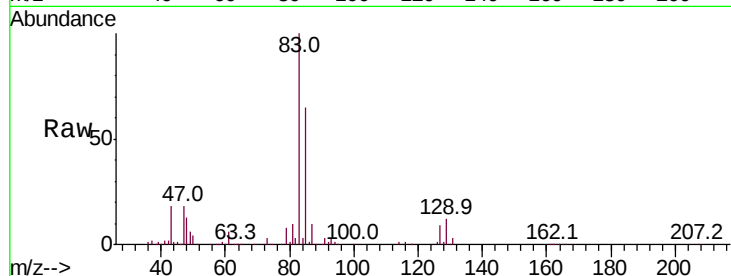
Tot Ion: 83 Resp: 204784

Ion Ratio Lower Upper

83 100

85 65.1 53.8 80.6

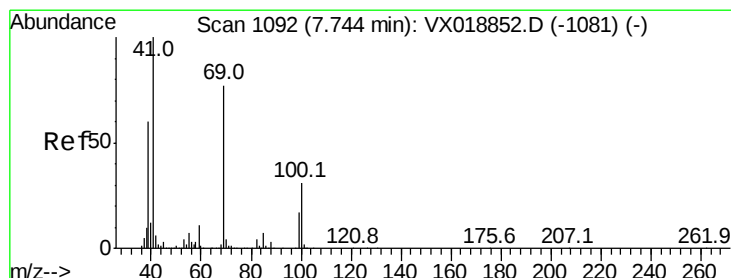
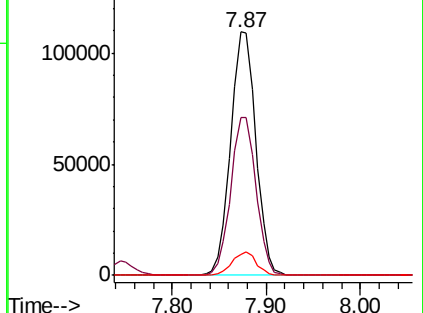
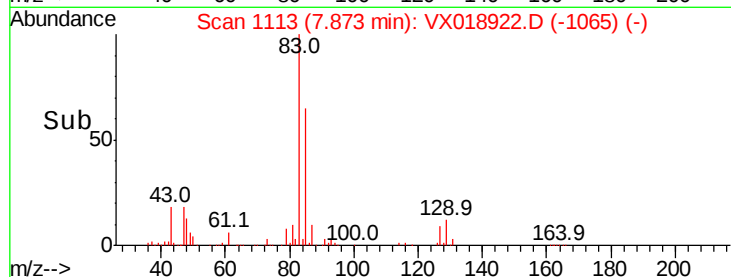
127 8.8 7.5 11.3



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: 49.941 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

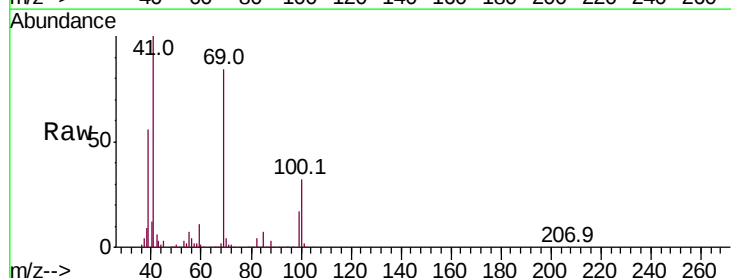
Tgt Ion: 41 Resp: 151995

Ion Ratio Lower Upper

41 100

69 85.0 64.6 97.0

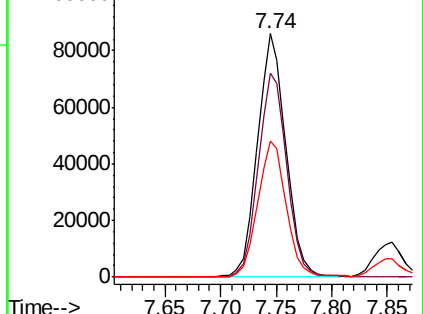
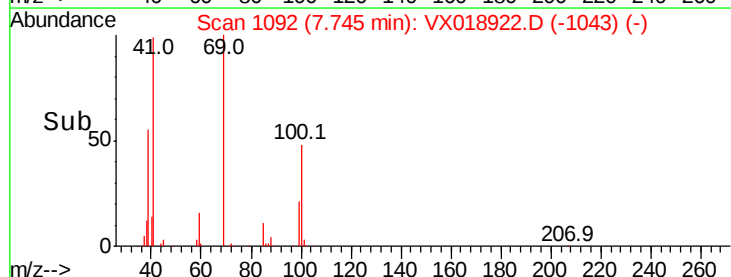
39 56.5 48.6 73.0

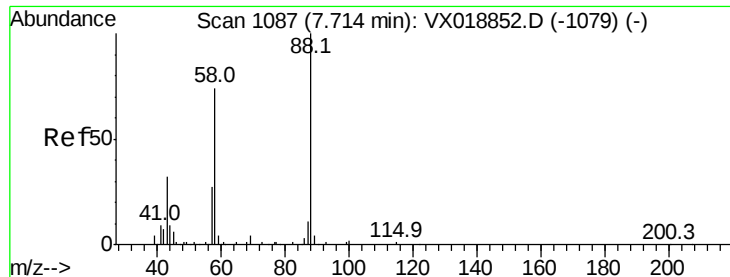


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

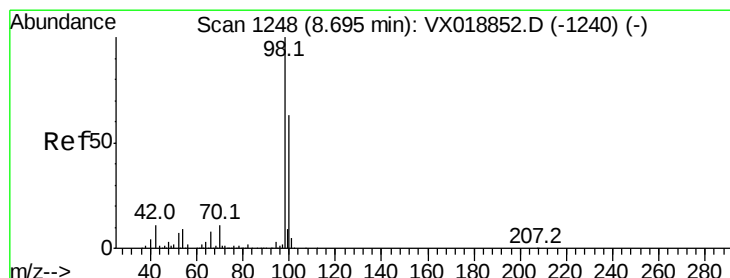
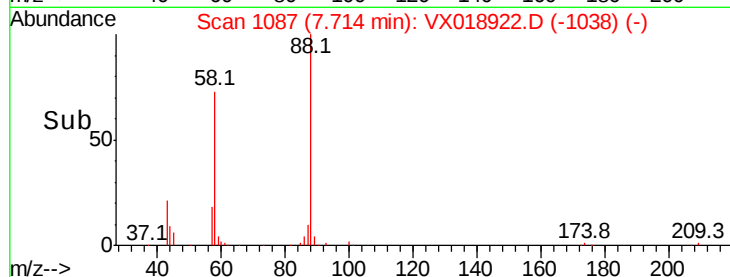
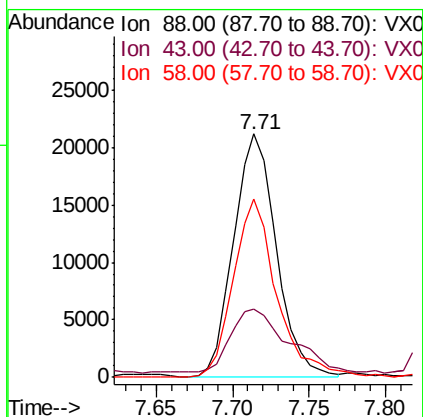
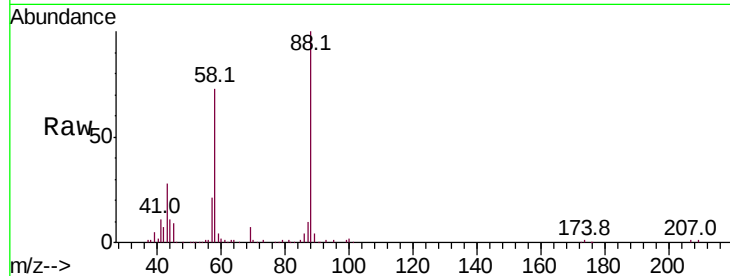




#49
1,4-Dioxane
Concen: 967.503 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

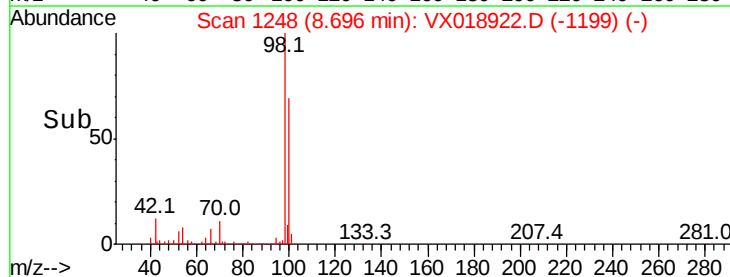
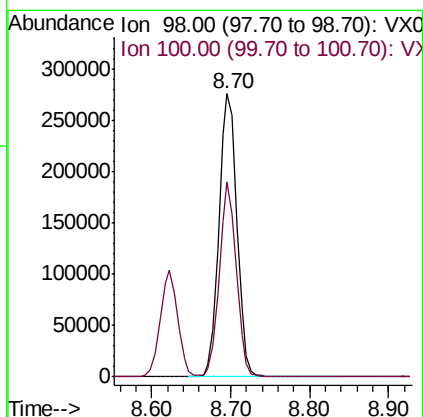
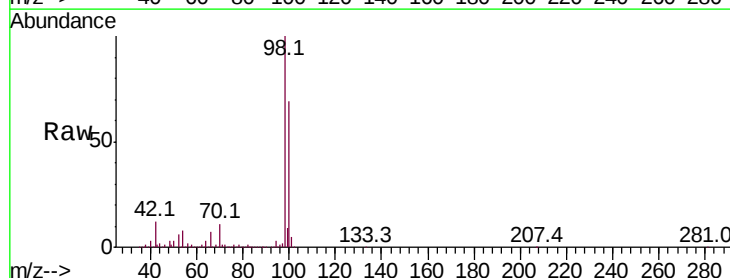
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

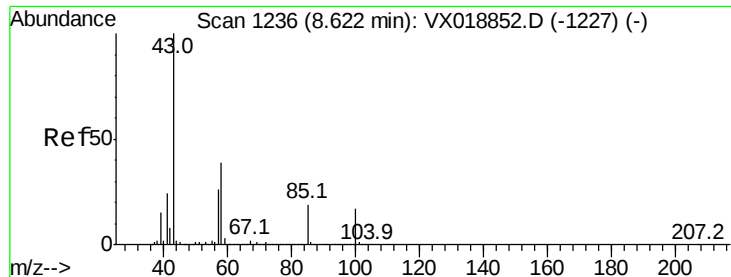
Tot Ion: 88 Resp: 41288
Ion Ratio Lower Upper
88 100
43 35.4 31.0 46.6
58 74.6 59.3 88.9



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 98 Resp: 438309
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

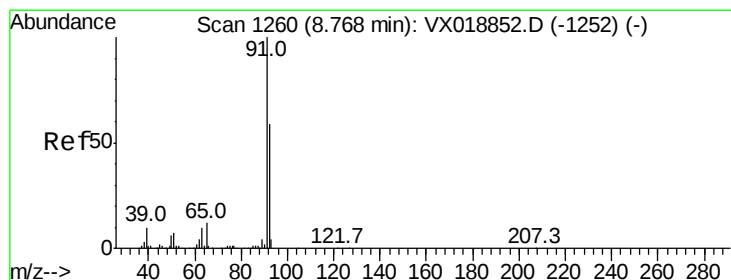
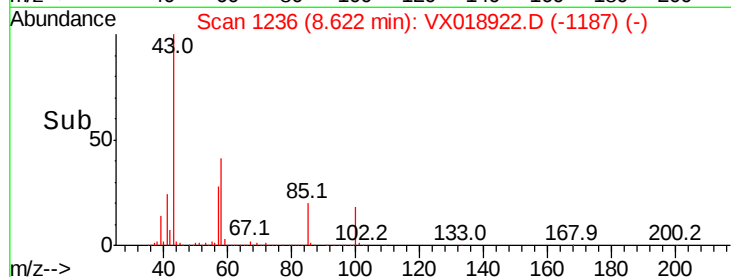
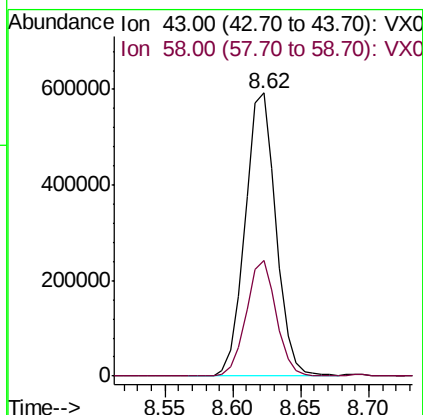
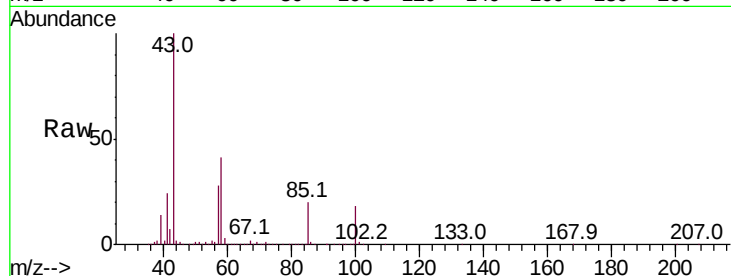




#51
4-Methyl-2-Pentanone
Concen: 268.208 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

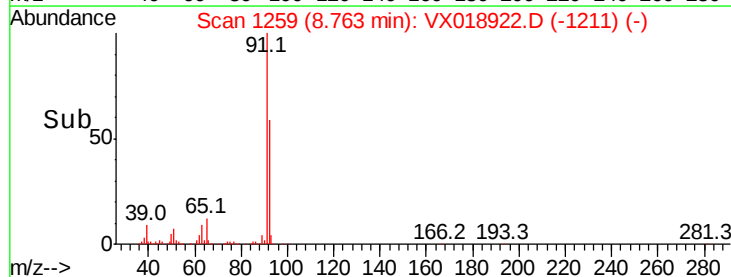
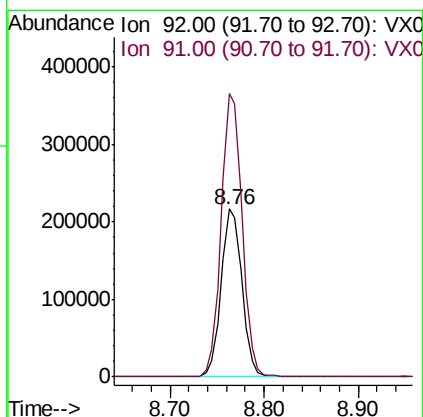
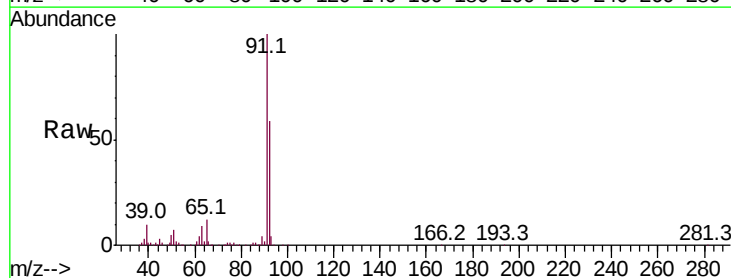
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

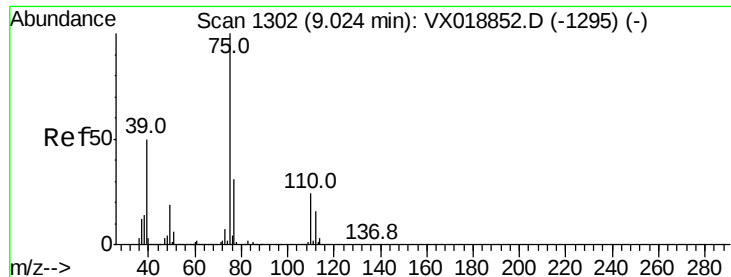
Tot Ion: 43 Resp: 938943
Ion Ratio Lower Upper
43 100
58 39.8 30.9 46.3



#52
Toluene
Concen: 51.348 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 92 Resp: 330871
Ion Ratio Lower Upper
92 100
91 170.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.475 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

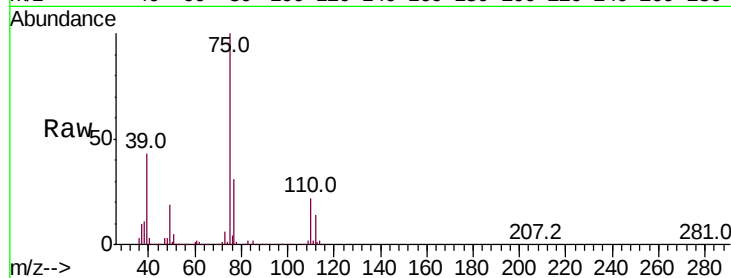
FC-MW07S-20201003MSD

Tot Ion: 75 Resp: 217961

Ion Ratio Lower Upper

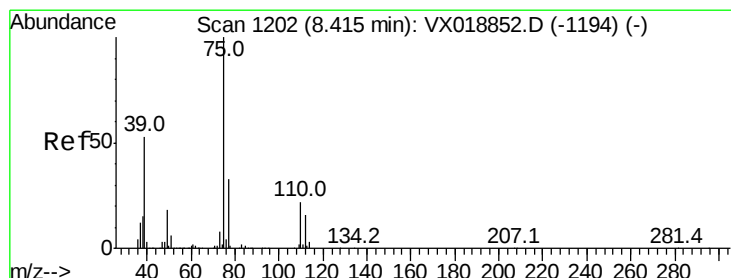
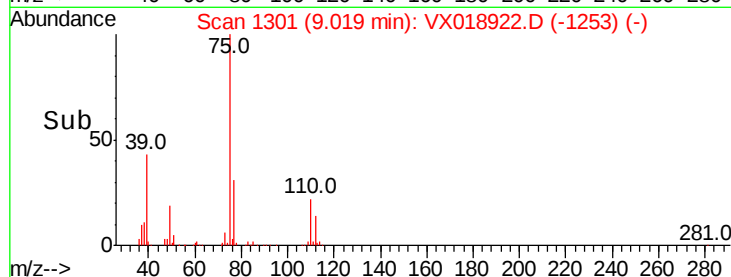
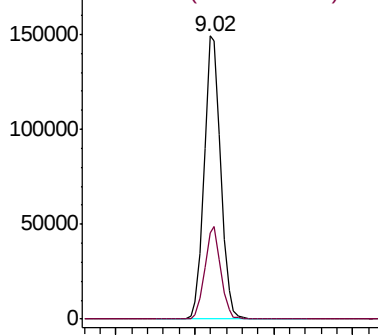
75 100

77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.743 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

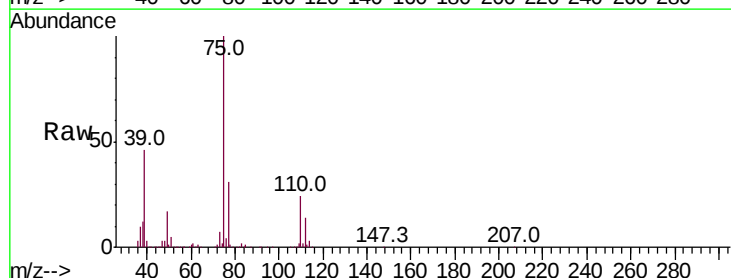
Tgt Ion: 75 Resp: 216367

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

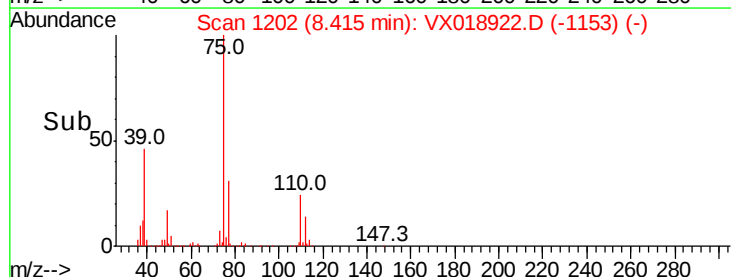
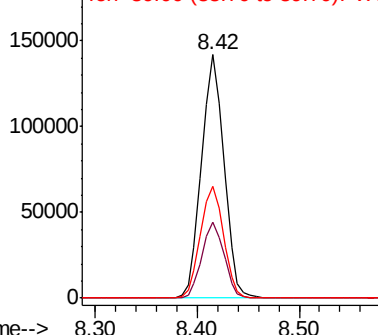
39 46.1 42.6 64.0

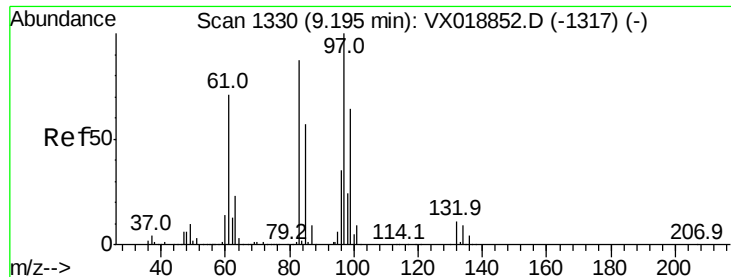


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

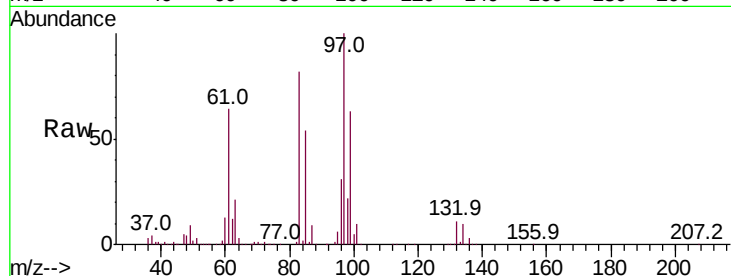




#55
1,1,2-Trichloroethane
Concen: 49.768 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion:	97	Resp:	137748
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.3	103.9
85	54.2	45.3	67.9
99	62.8	51.0	76.6



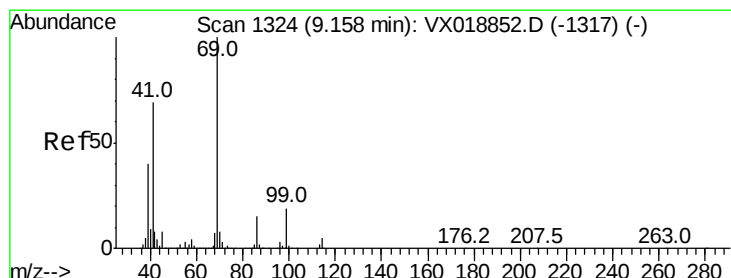
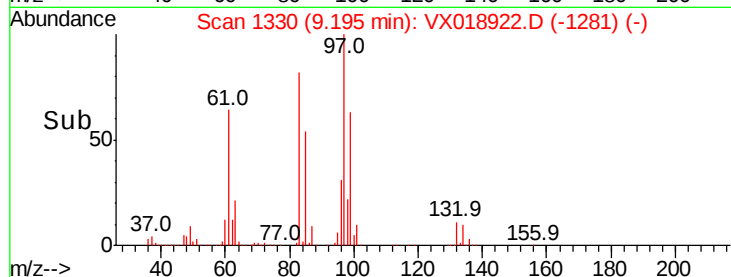
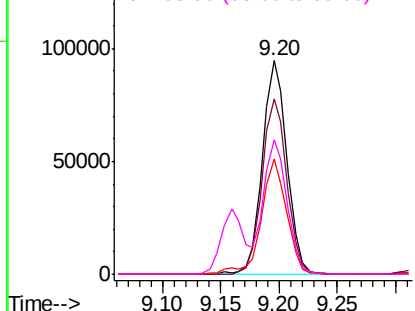
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

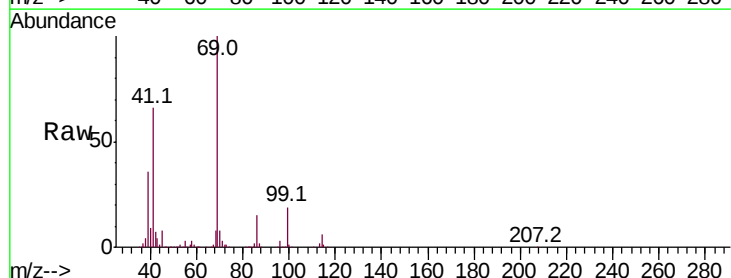
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 49.627 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion:	69	Resp:	200418
Ion	Ratio	Lower	Upper
69	100		
41	65.6	54.6	81.8
39	35.5	31.5	47.3

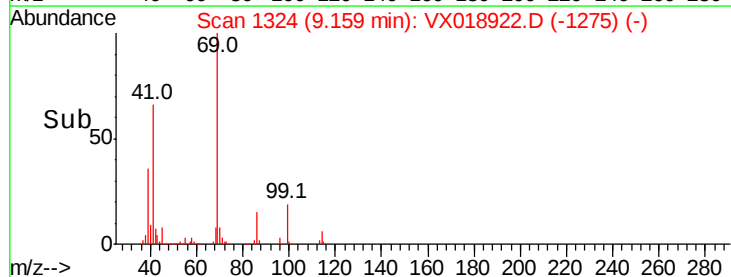
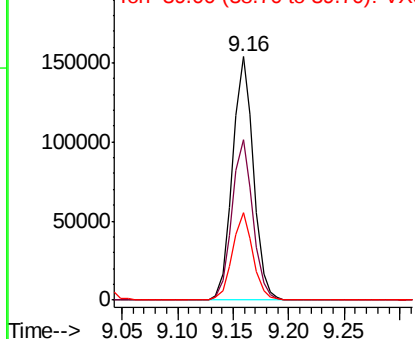


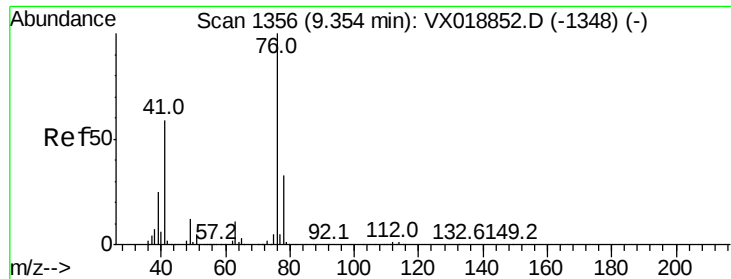
Abundance

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: 50.897 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

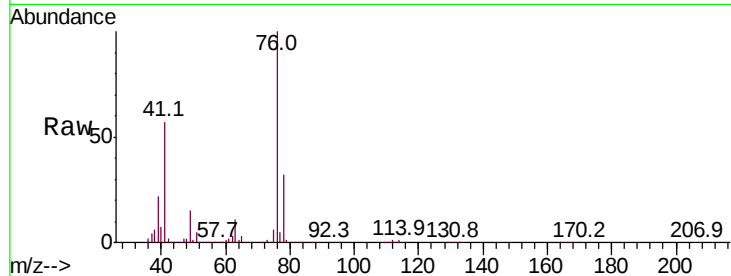
FC-MW07S-20201003MSD

Tot Ion: 76 Resp: 228579

Ion Ratio Lower Upper

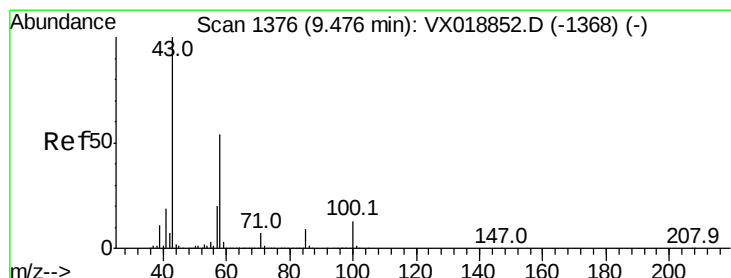
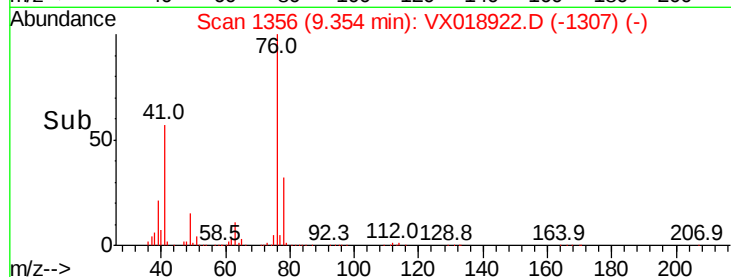
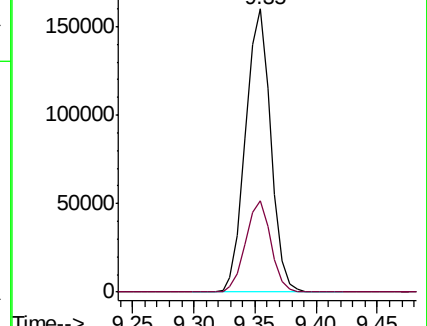
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 269.443 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX018922.D

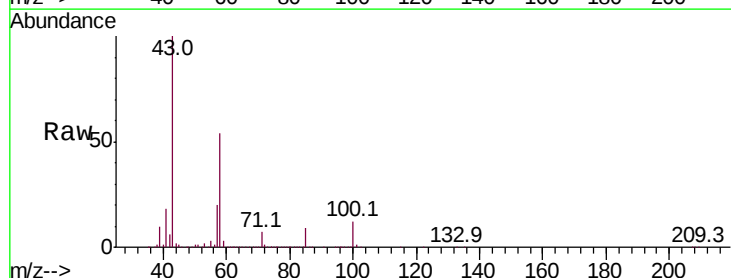
Acq: 12 Oct 2020 22:25

Tgt Ion: 43 Resp: 718661

Ion Ratio Lower Upper

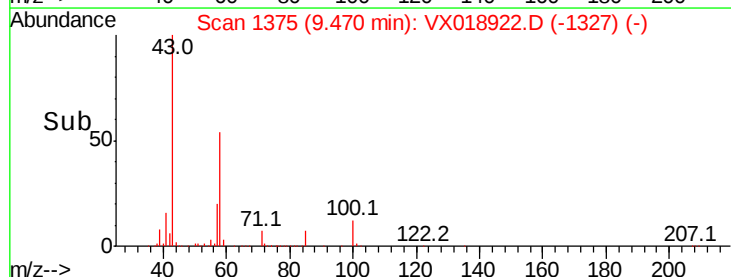
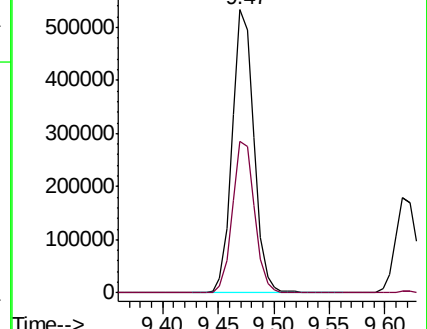
43 100

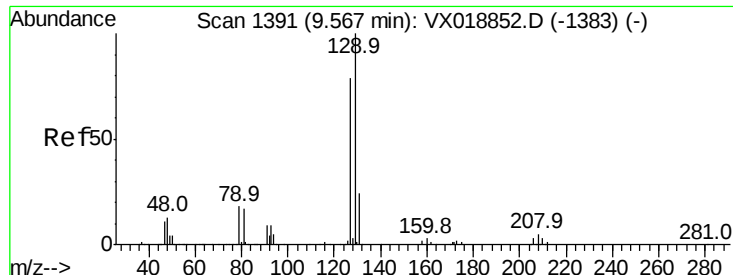
58 54.6 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 49.709 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

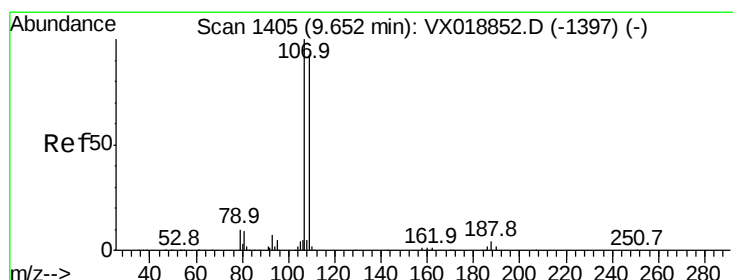
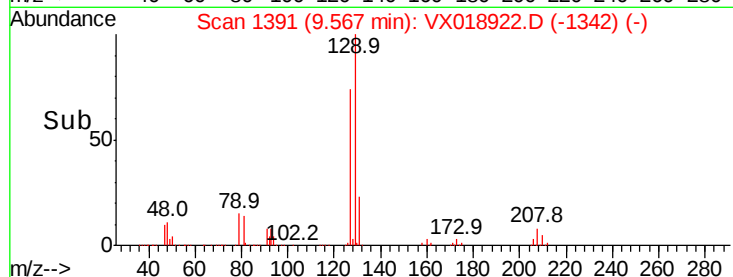
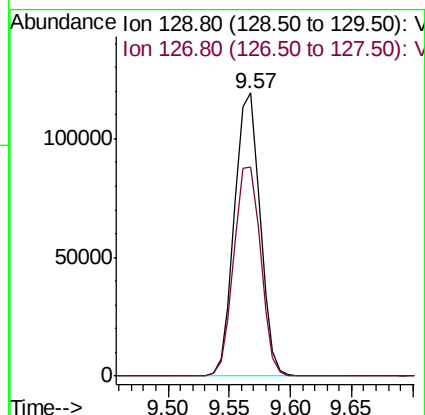
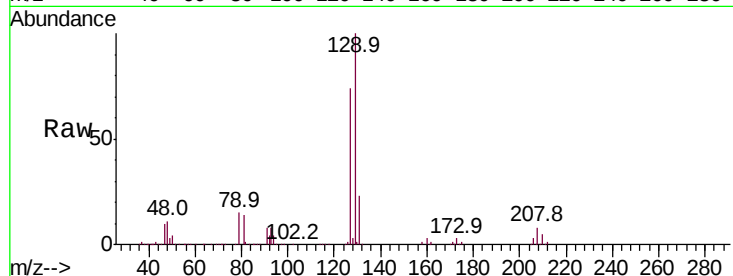
FC-MW07S-20201003MSD

Tot Ion:129 Resp: 172709

Ion Ratio Lower Upper

129 100

127 77.4 39.5 118.5



#61

1,2-Dibromoethane

Concen: 50.090 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018922.D

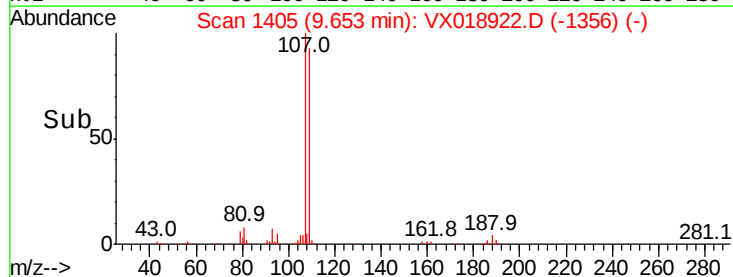
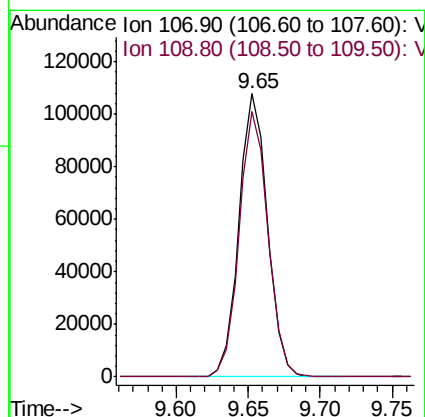
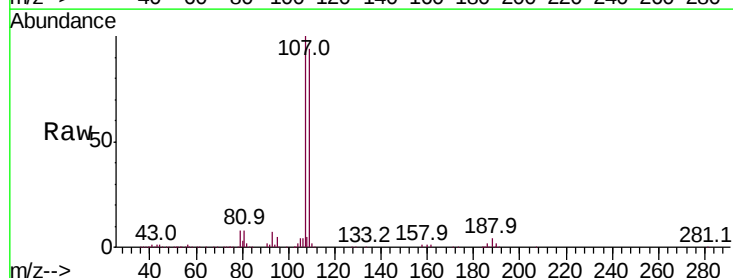
Acq: 12 Oct 2020 22:25

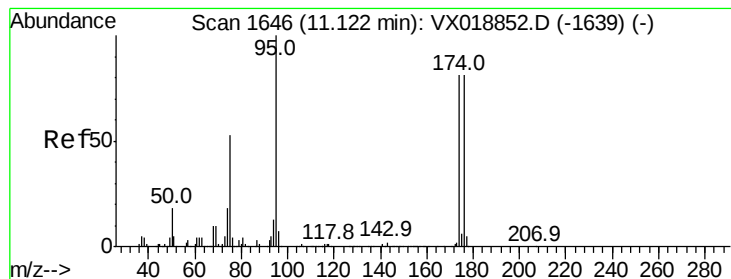
Tgt Ion:107 Resp: 148672

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 49.746 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

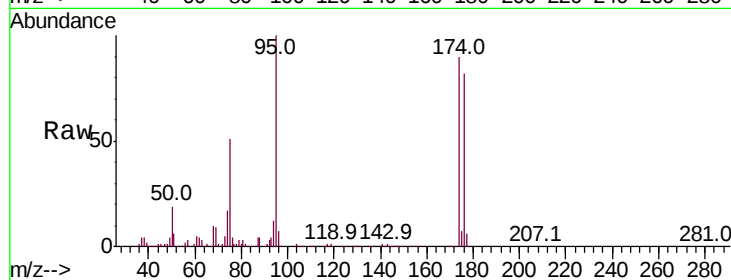
Tot Ion: 95 Resp: 174223

Ion Ratio Lower Upper

95 100

174 86.2 0.0 160.0

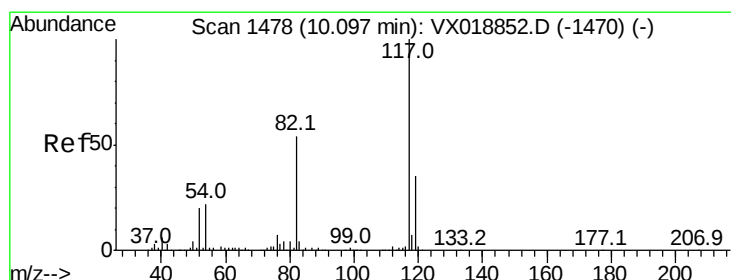
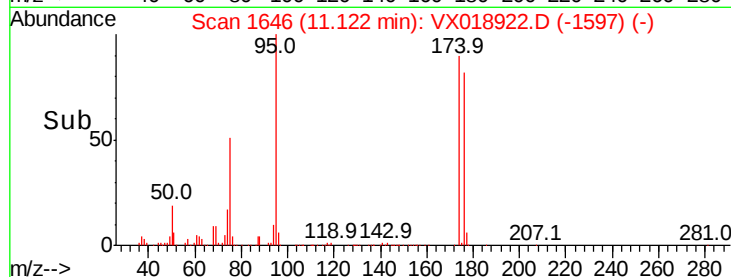
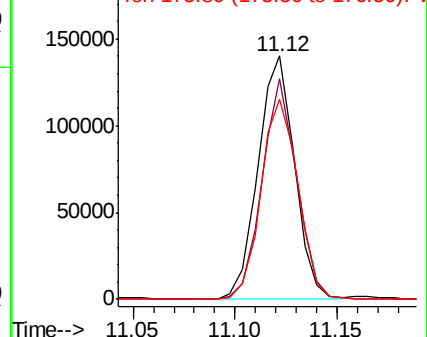
176 83.6 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

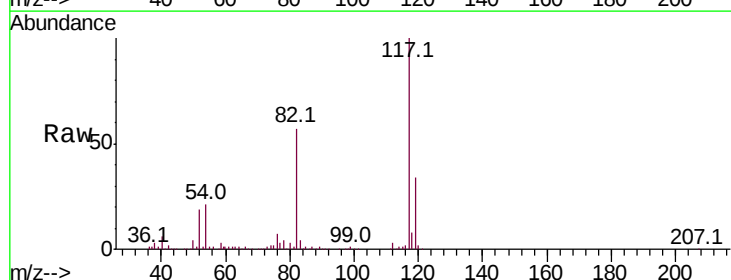
Tgt Ion: 117 Resp: 346096

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.2

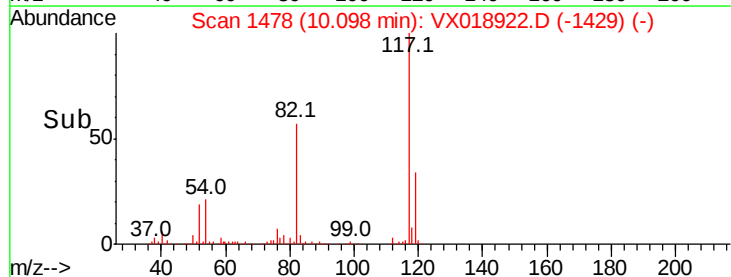
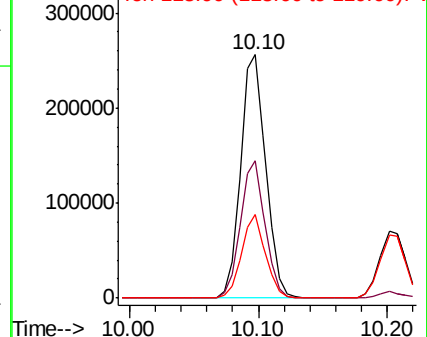
119 34.2 28.3 42.5

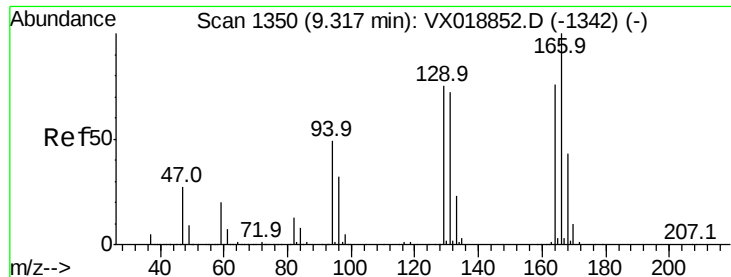


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 50.814 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:164 Resp: 128361

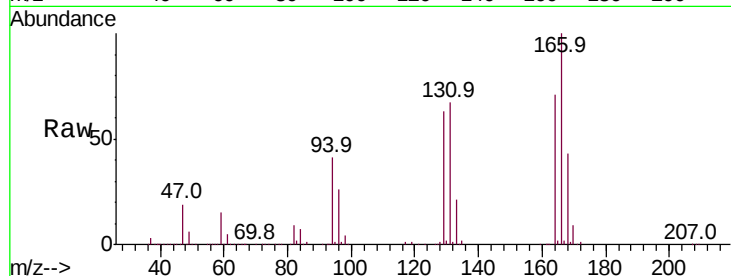
Ion Ratio Lower Upper

164 100

166 141.0 105.4 158.0

129 89.4 79.0 118.6

131 94.1 75.7 113.5

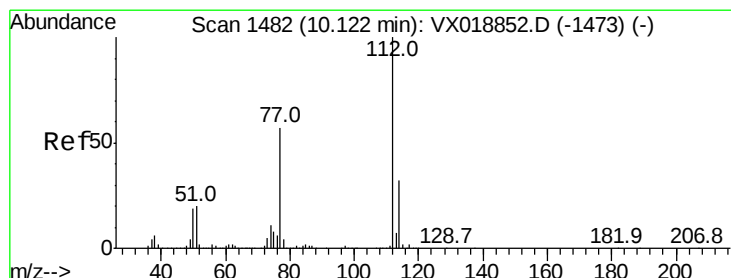
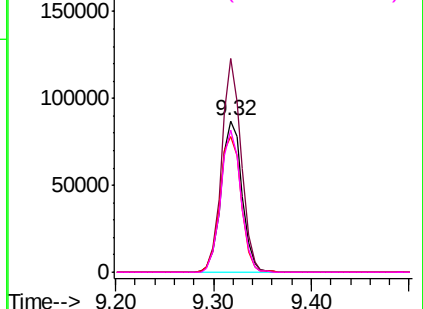
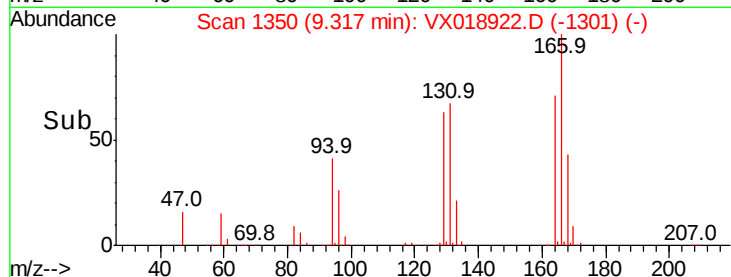


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.975 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018922.D

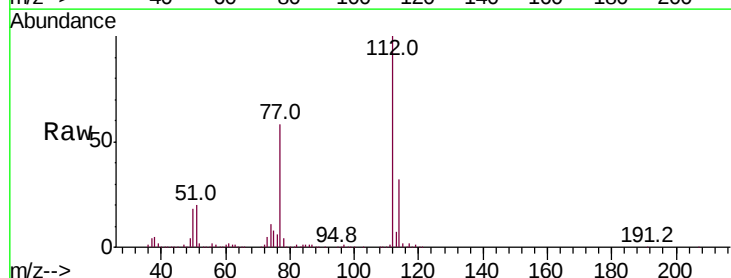
Acq: 12 Oct 2020 22:25

Tgt Ion:112 Resp: 366301

Ion Ratio Lower Upper

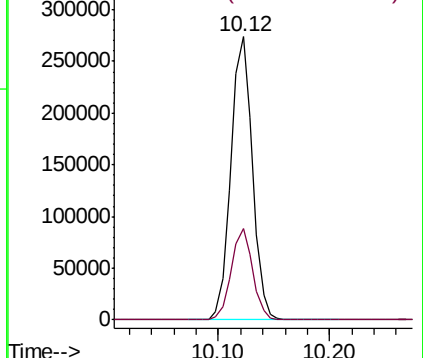
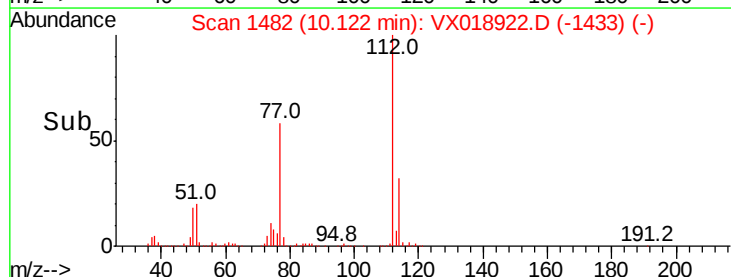
112 100

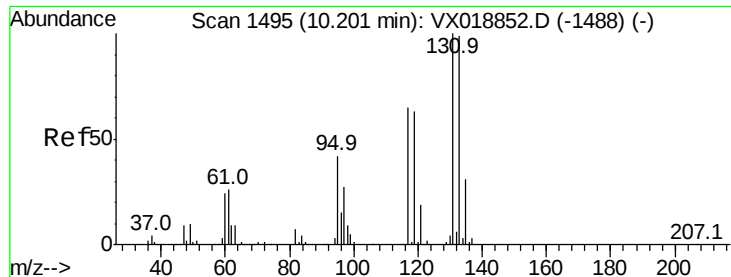
114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.487 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

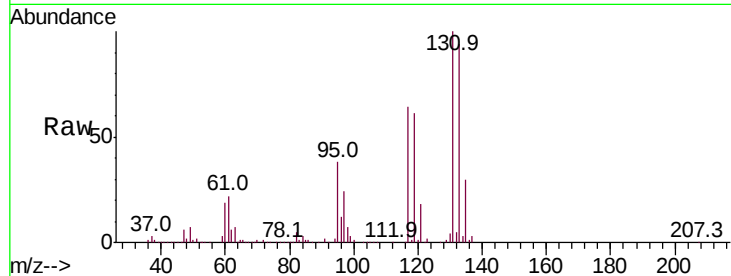
Tot Ion:131 Resp: 149609

Ion Ratio Lower Upper

131 100

133 97.5 48.6 145.8

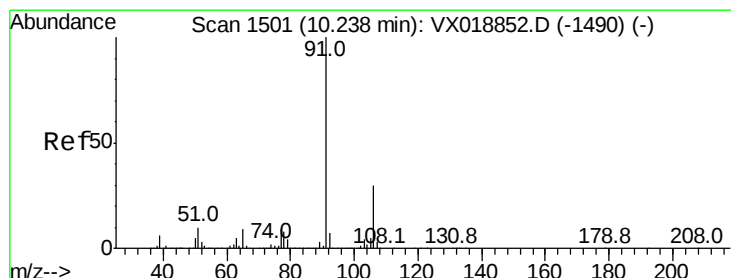
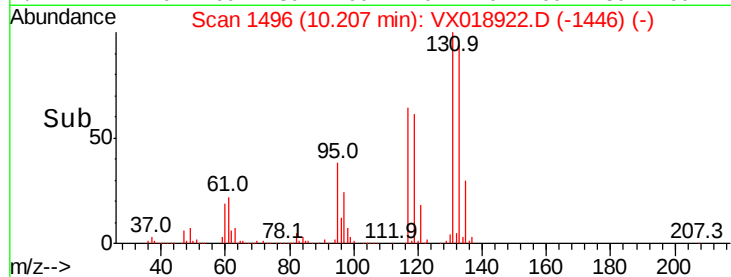
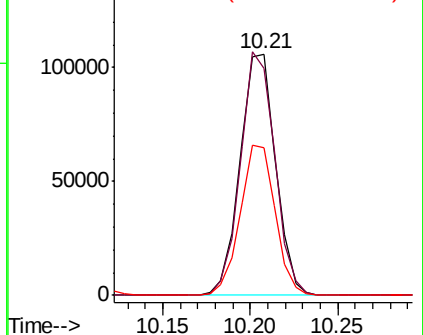
119 61.7 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.973 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018922.D

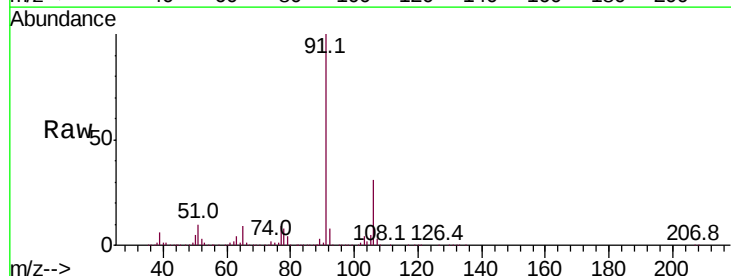
Acq: 12 Oct 2020 22:25

Tgt Ion: 91 Resp: 630528

Ion Ratio Lower Upper

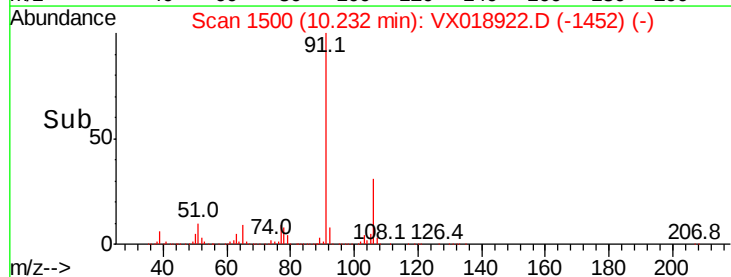
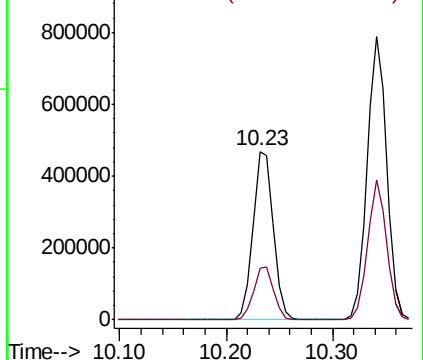
91 100

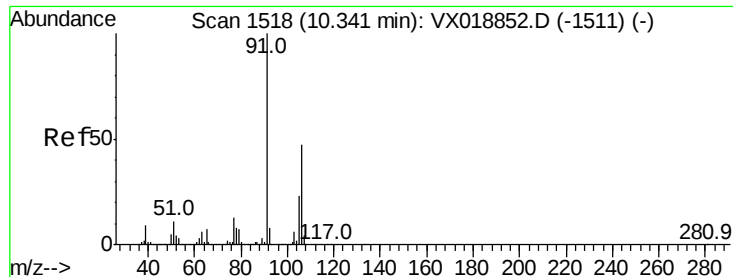
106 31.0 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 102.013 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

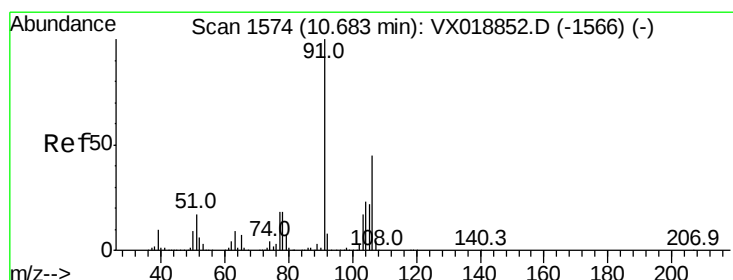
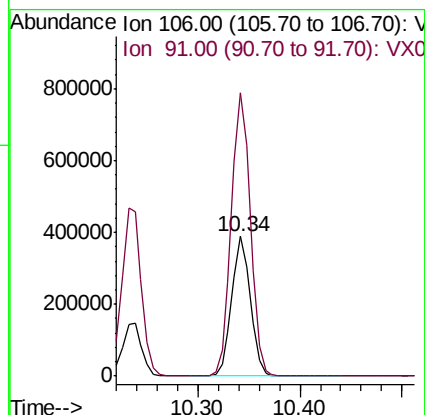
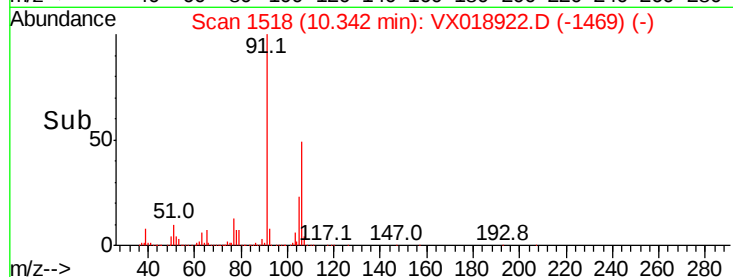
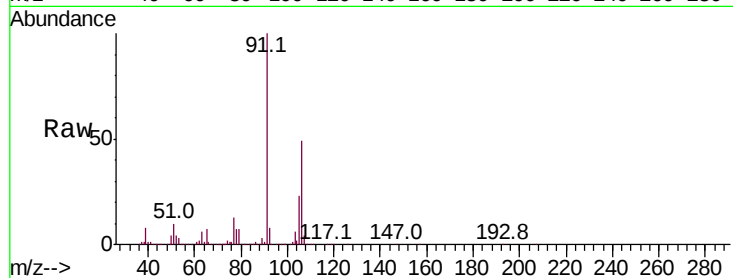
FC-MW07S-20201003MSD

Tot Ion:106 Resp: 489020

Ion Ratio Lower Upper

106 100

91 207.6 165.6 248.4



#69

o-Xylene

Concen: 51.710 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018922.D

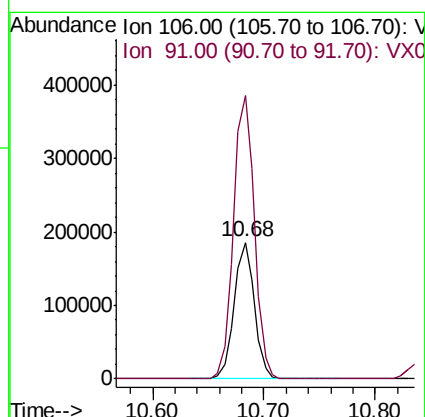
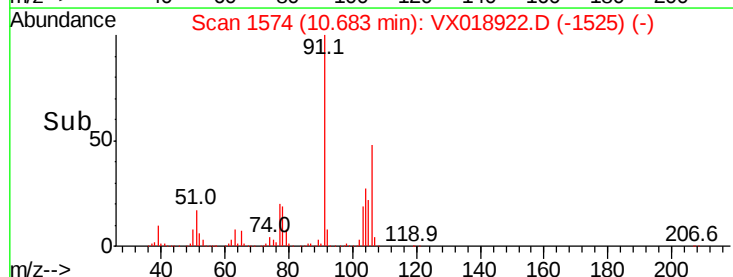
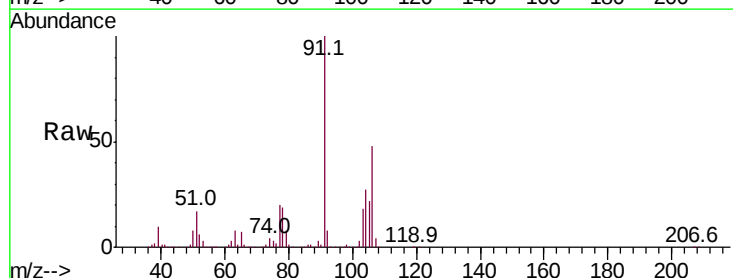
Acq: 12 Oct 2020 22:25

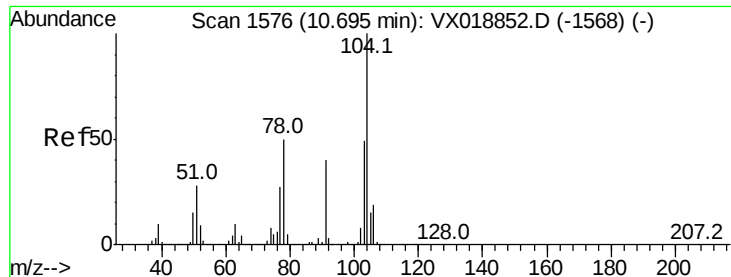
Tgt Ion:106 Resp: 233545

Ion Ratio Lower Upper

106 100

91 214.6 109.9 329.6

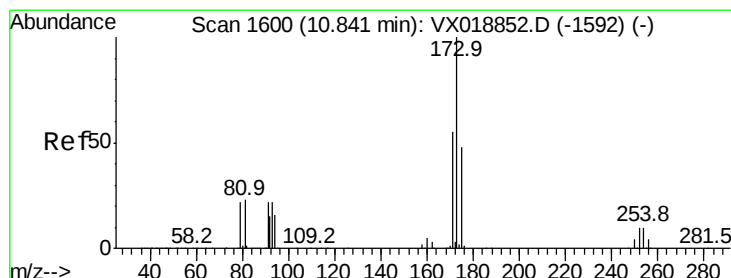
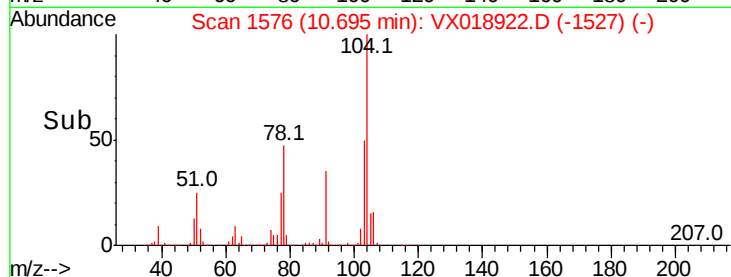
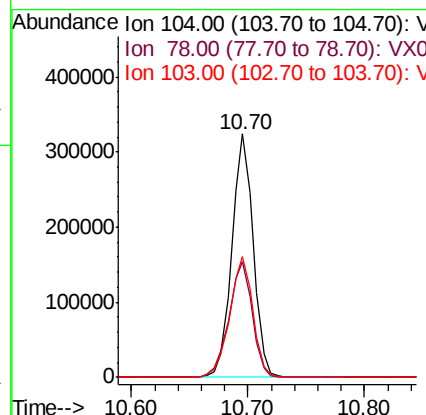
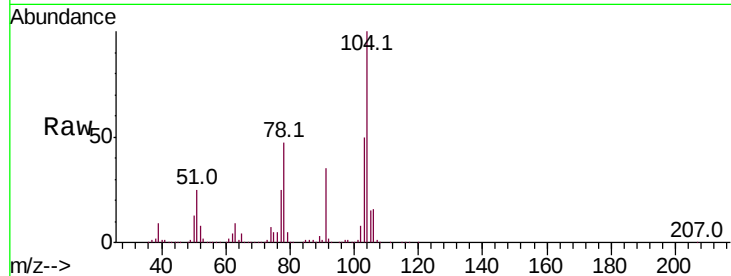




#70
Stvrene
Concen: 53.739 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

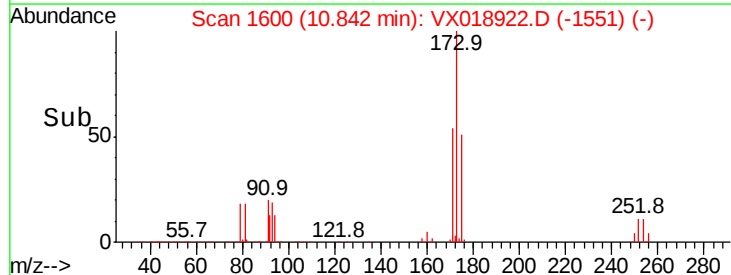
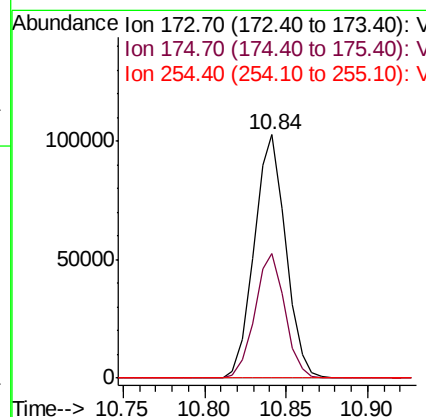
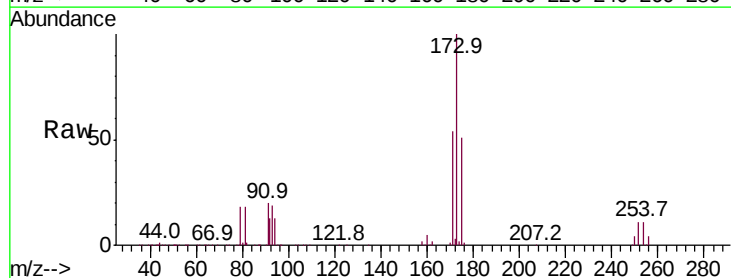
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

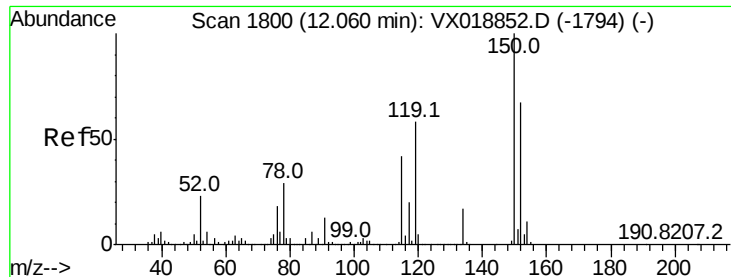
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	43.5	65.3
103	53.9	43.3	64.9



#71
Bromoform
Concen: 51.918 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.4	70.0
254	0.2	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

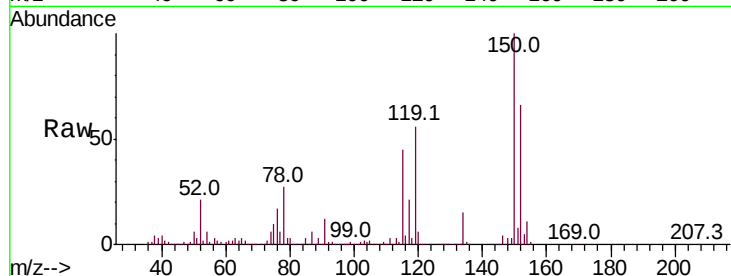
Tot Ion:152 Resp: 190782

Ion Ratio Lower Upper

152 100

115 83.6 41.8 125.4

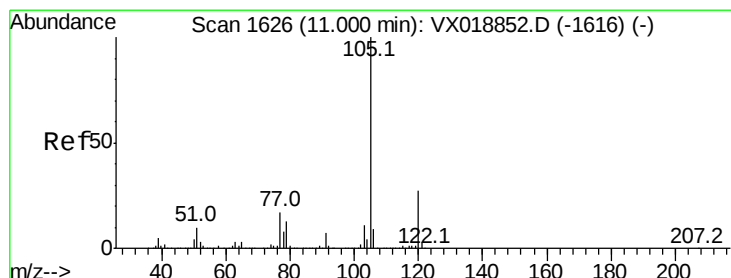
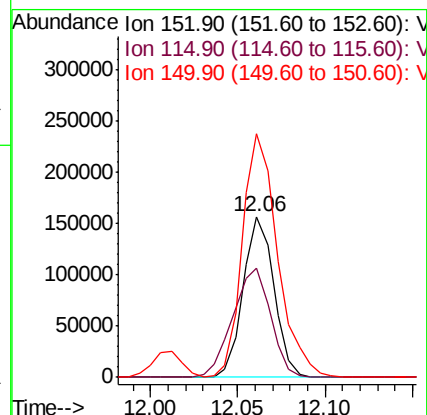
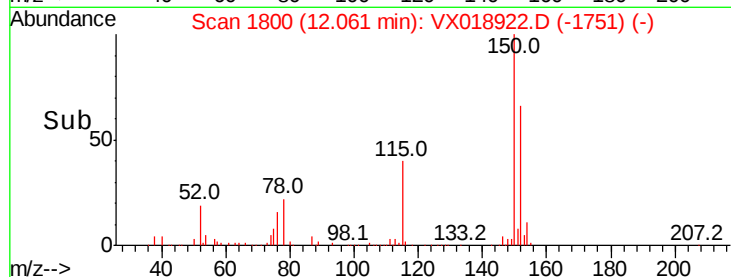
150 173.4 0.0 347.6



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: 51.863 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018922.D

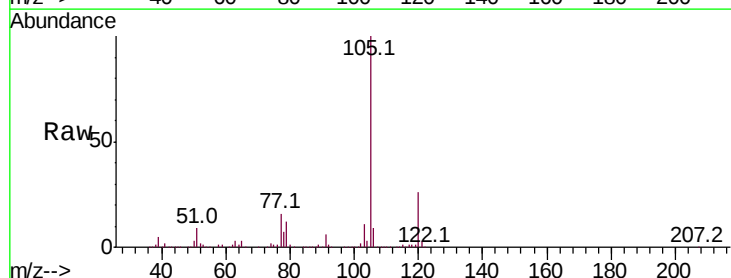
Acq: 12 Oct 2020 22:25

Tgt Ion:105 Resp: 647258

Ion Ratio Lower Upper

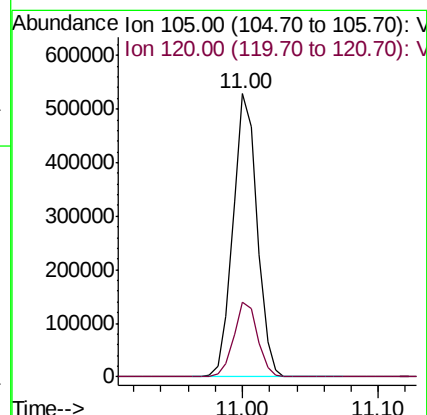
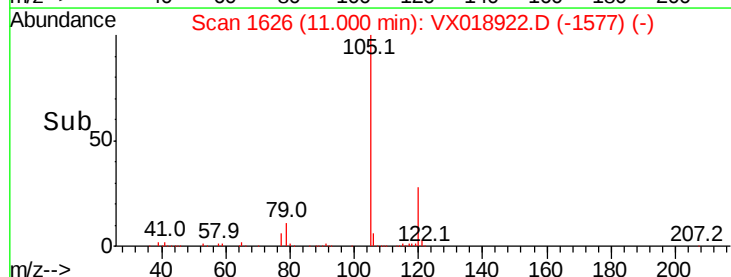
105 100

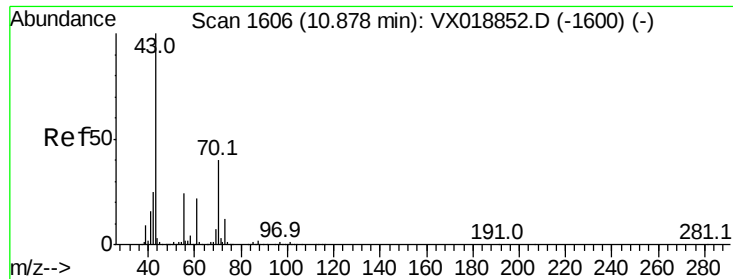
120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.344 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 43 Resp: 238706

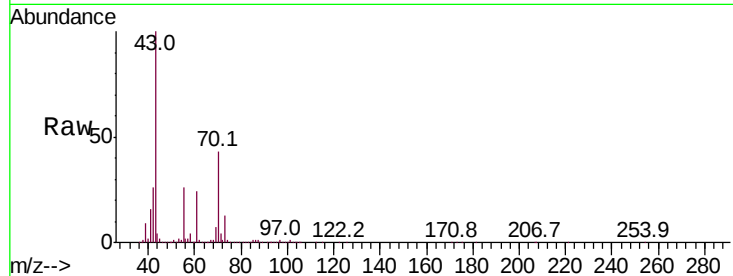
Ion Ratio Lower Upper

43 100

70 43.8 33.7 50.5

55 25.7 19.8 29.8

61 24.2 18.6 28.0

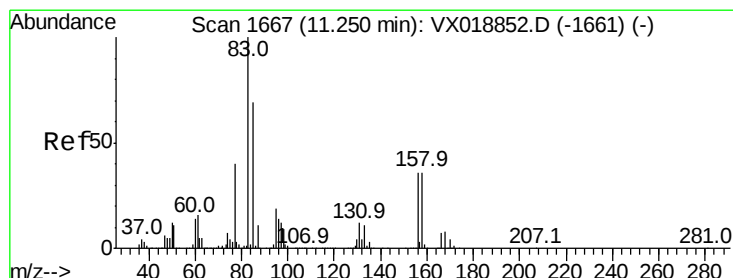
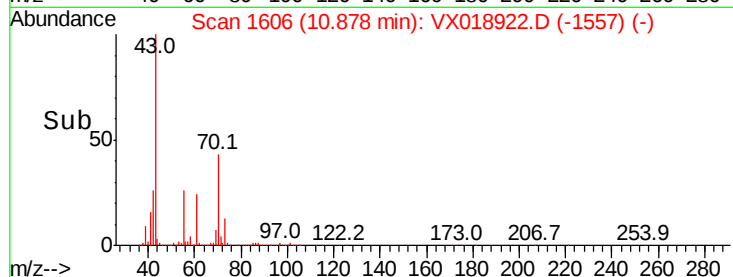
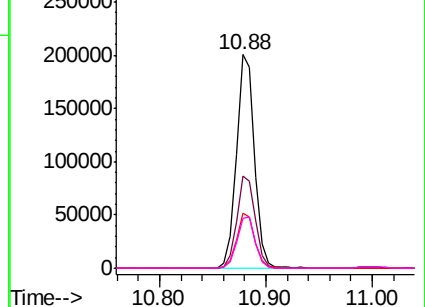


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.075 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

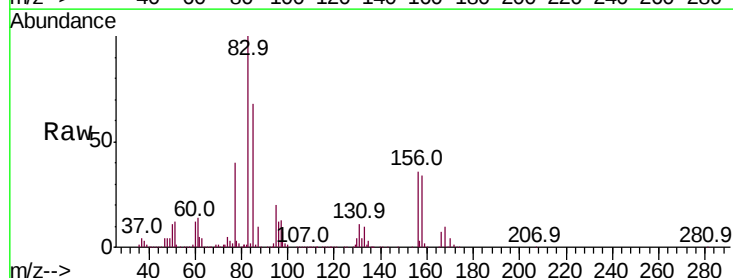
Tgt Ion: 83 Resp: 204135

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.8

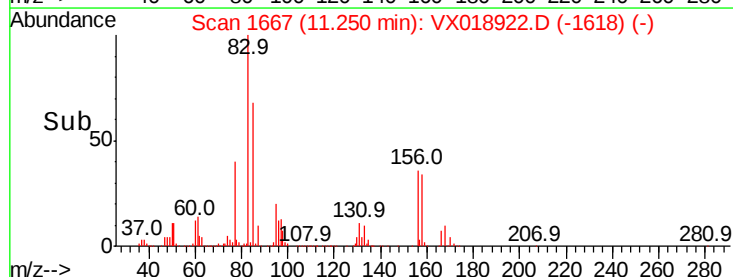
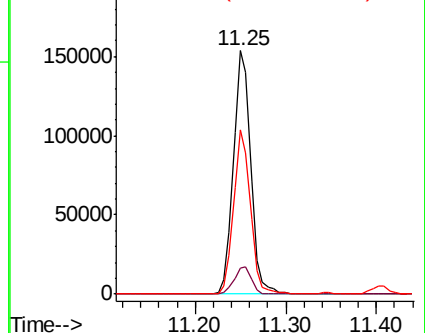
85 65.5 33.0 98.9

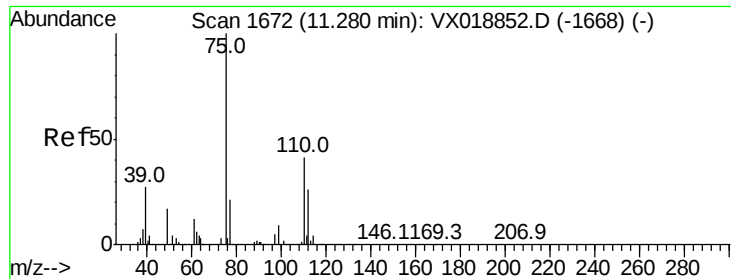


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

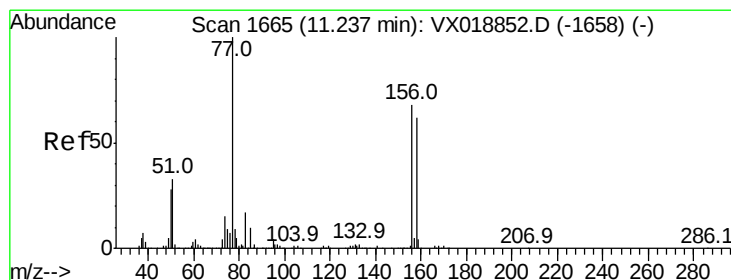
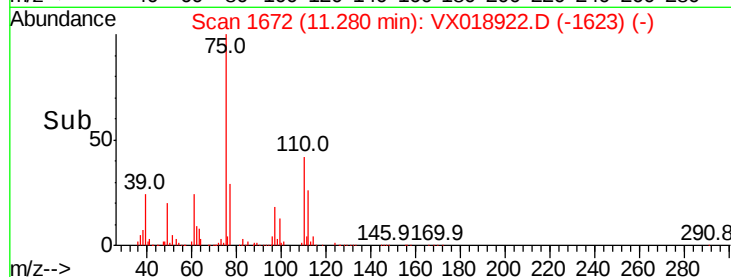
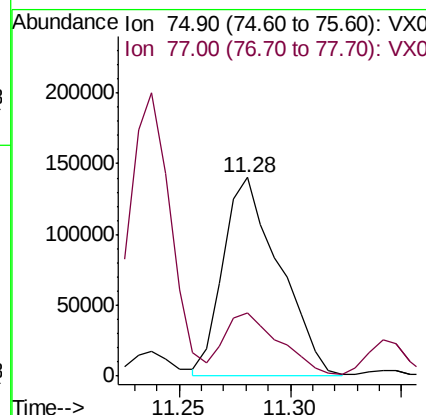
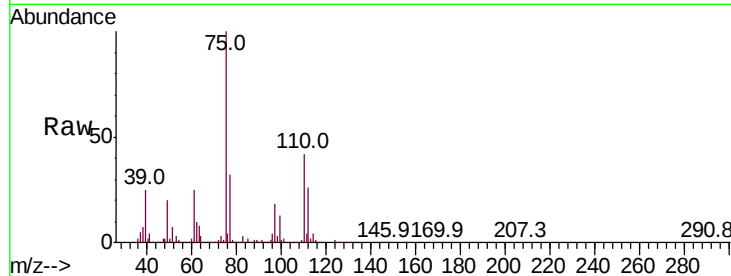




#76
 1,2,3-Trichloropropane
 Concen: 60.052 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

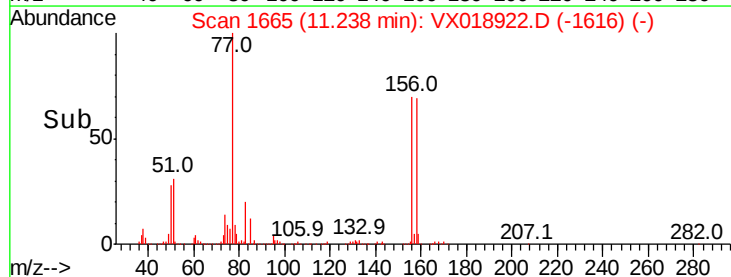
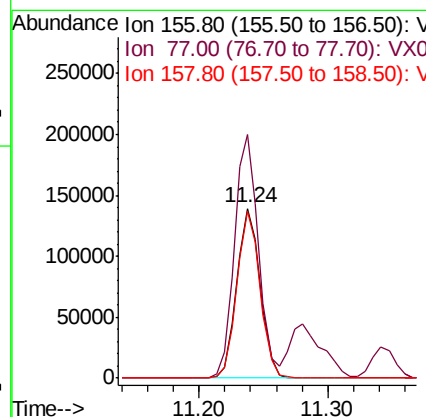
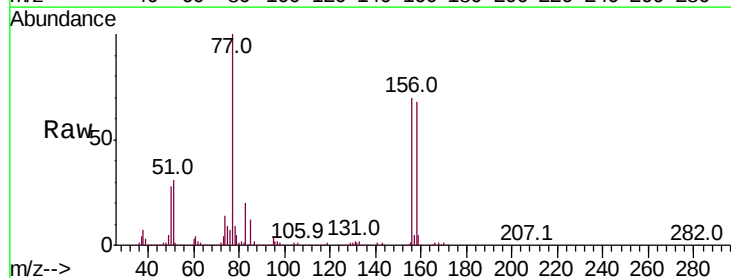
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

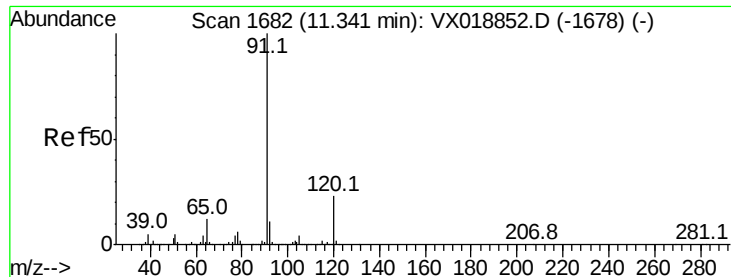
Tot Ion: 75 Resp: 246857
 Ion Ratio Lower Upper
 75 100
 77 31.3 20.2 60.6



#77
 Bromobenzene
 Concen: 51.887 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion: 156 Resp: 177881
 Ion Ratio Lower Upper
 156 100
 77 146.2 76.0 228.1
 158 97.1 47.2 141.6

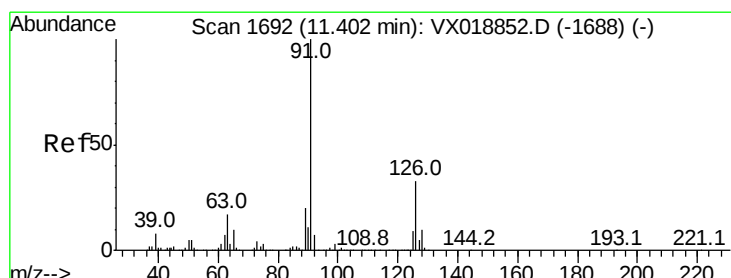
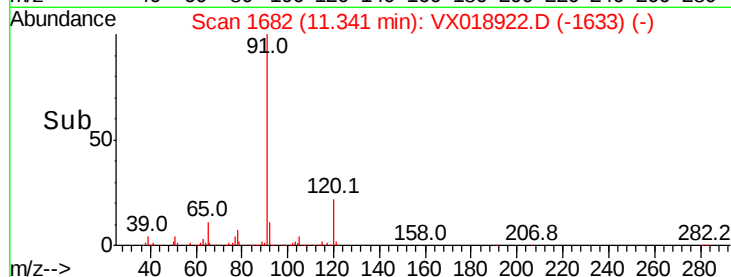
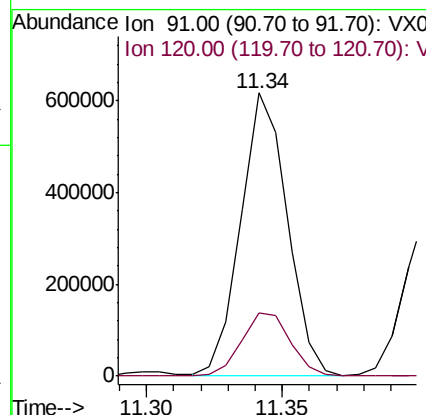
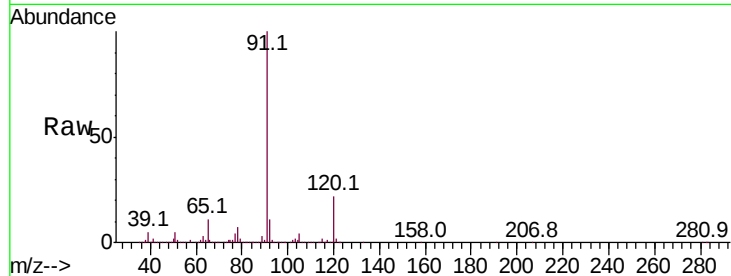




#78
n-propylbenzene
Concen: 51.019 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

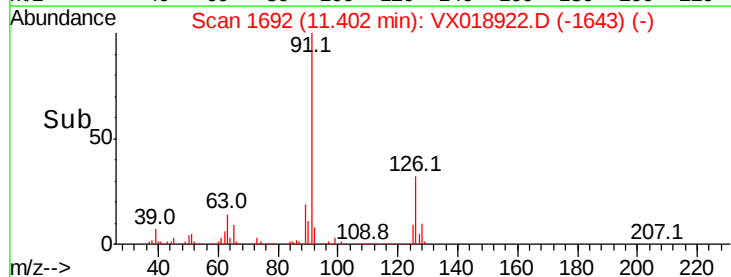
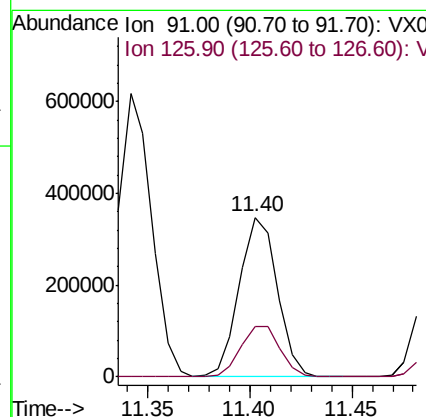
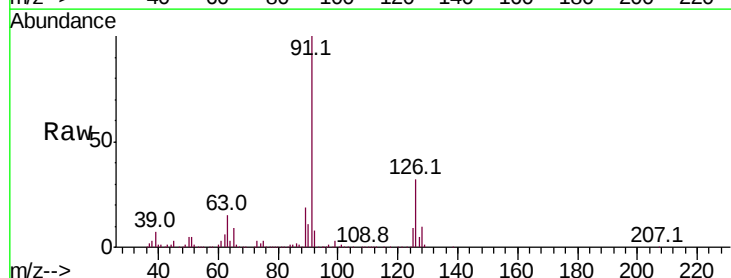
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

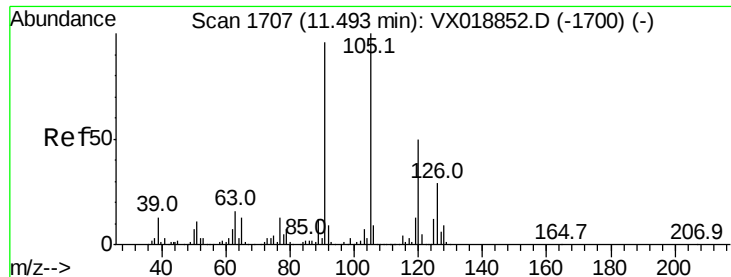
Tot Ion: 91 Resp: 725531
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.0



#79
2-Chlorotoluene
Concen: 50.592 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 91 Resp: 448480
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.3



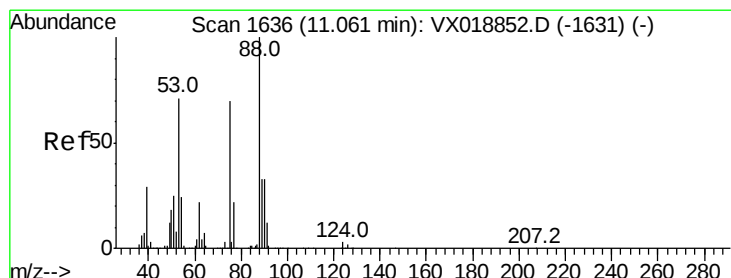
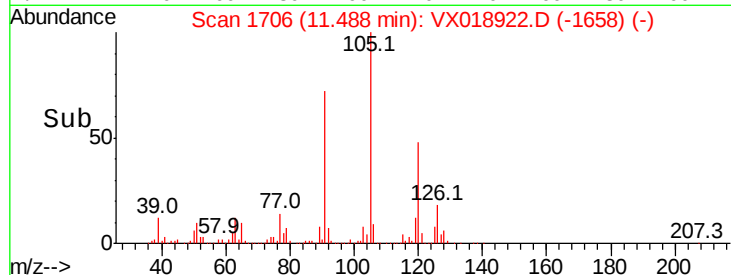
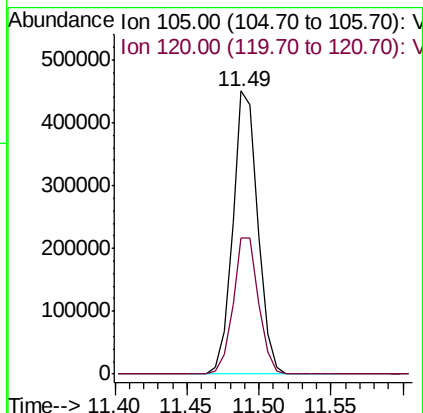
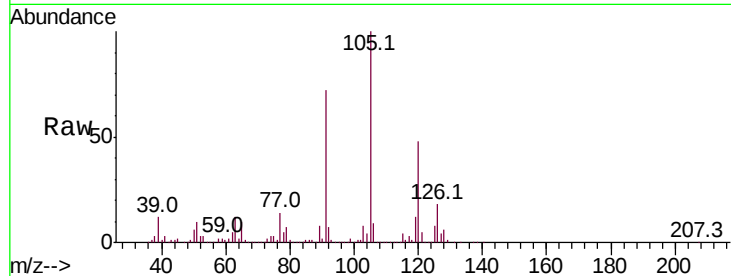


#80

1,3,5-Trimethylbenzene
Concen: 51.266 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

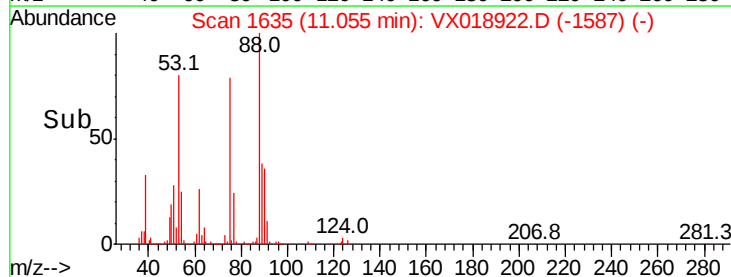
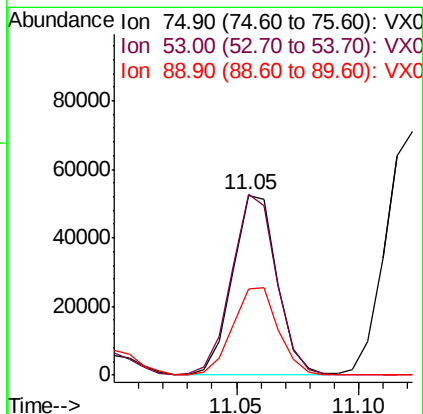
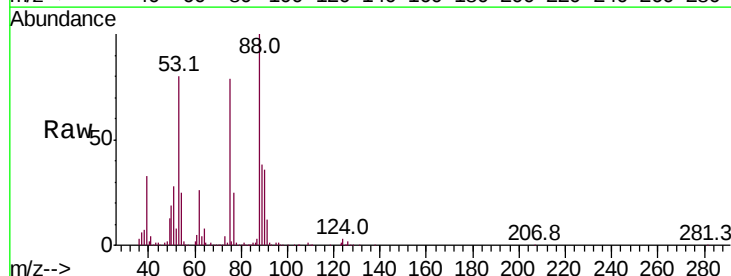
Tot Ion:105 Resp: 547274
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.8

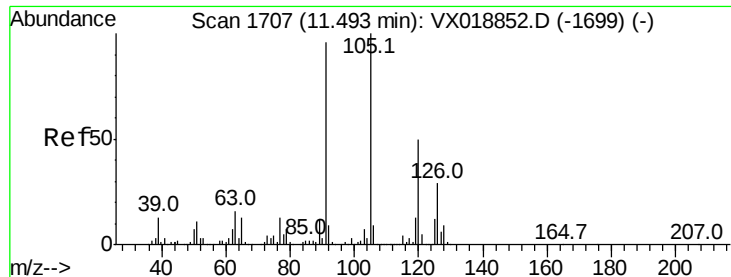


#81

trans-1,4-Dichloro-2-butene
Concen: 45.591 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion: 75 Resp: 66131
Ion Ratio Lower Upper
75 100
53 101.2 85.0 127.4
89 49.7 39.0 58.4





#82

4-Chlorotoluene

Concen: 50.454 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

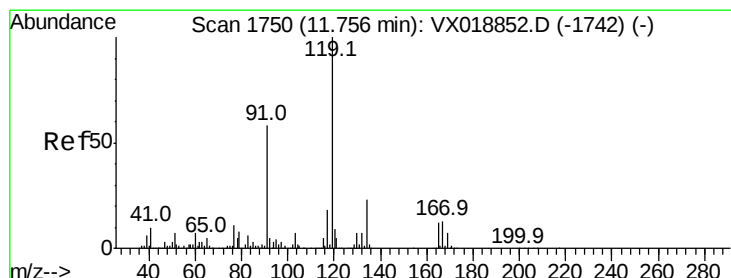
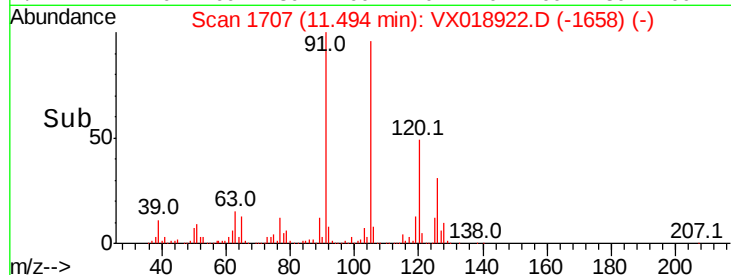
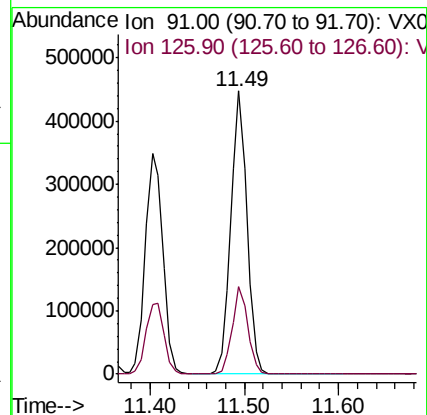
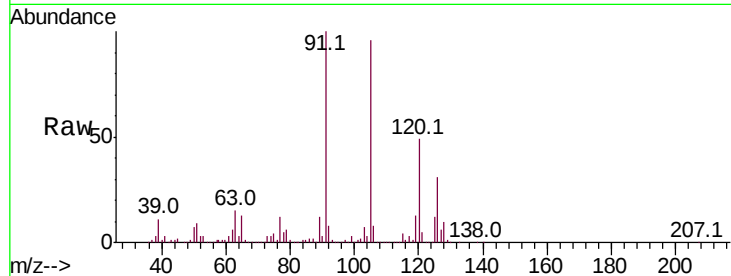
FC-MW07S-20201003MSD

Tot Ion: 91 Resp: 531805

Ion Ratio Lower Upper

91 100

126 29.9 14.9 44.7



#83

tert-Butylbenzene

Concen: 51.667 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

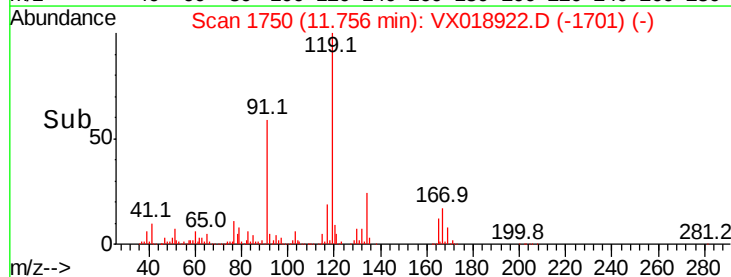
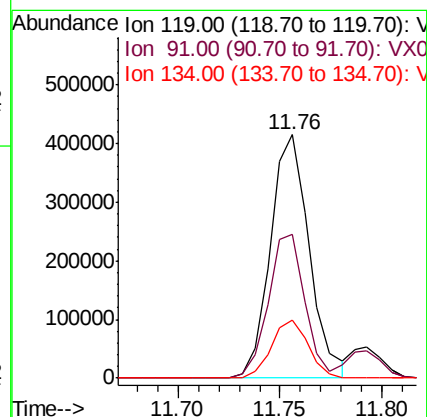
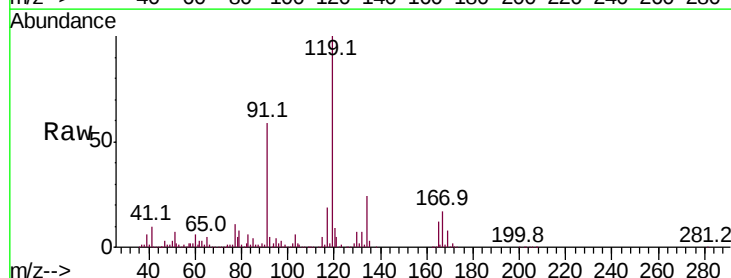
Tgt Ion: 119 Resp: 552356

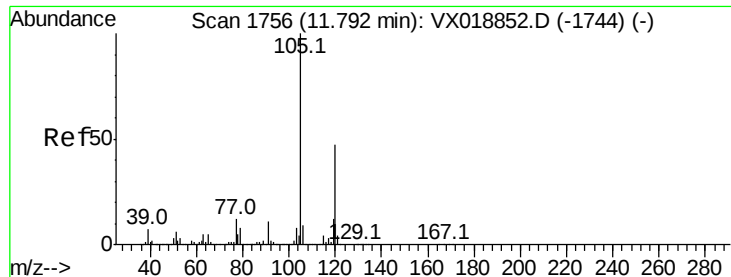
Ion Ratio Lower Upper

119 100

91 55.6 28.6 85.9

134 22.8 11.7 35.0

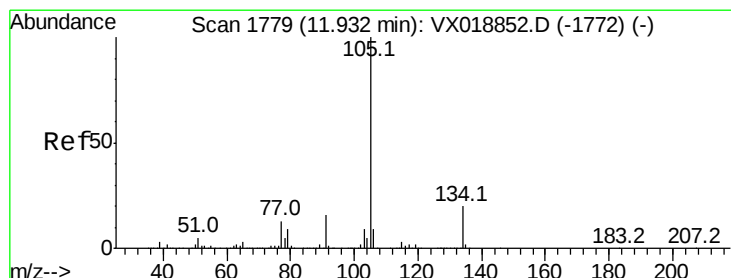
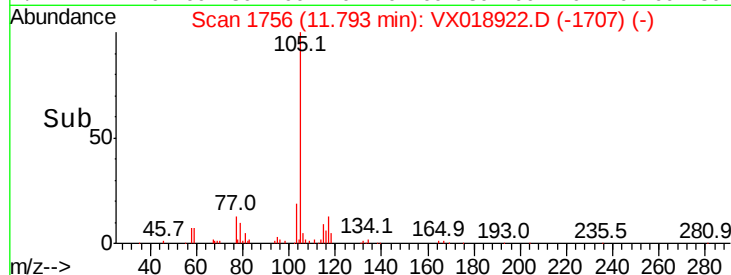
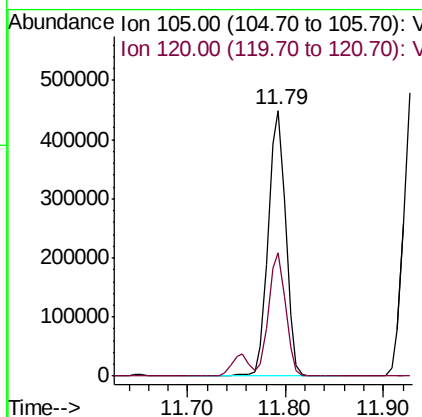
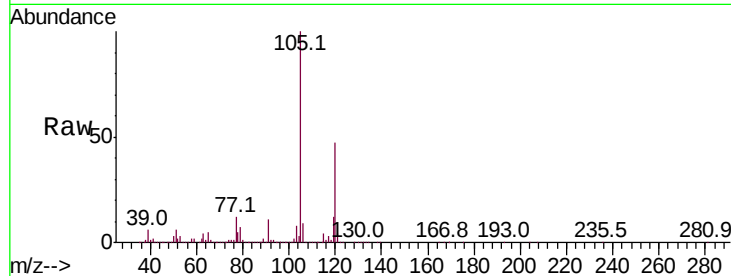




#84
 1,2,4-Trimethylbenzene
 Concen: 51.498 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

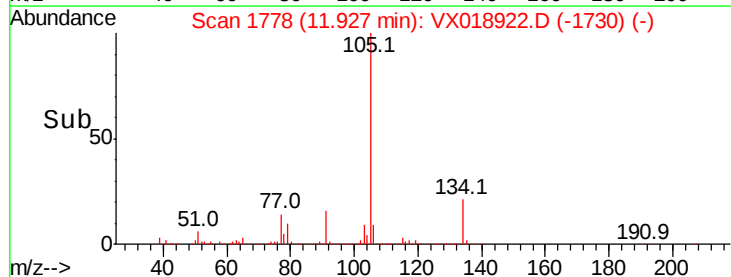
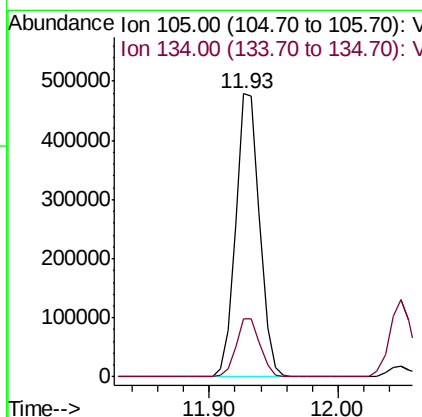
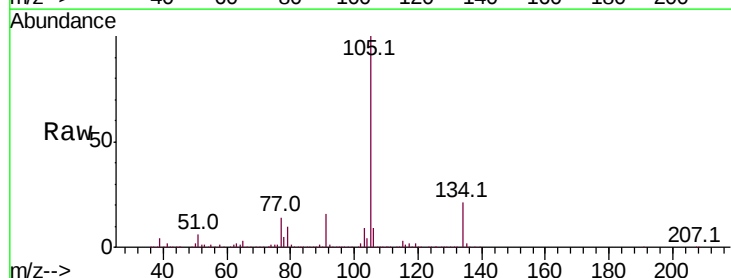
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

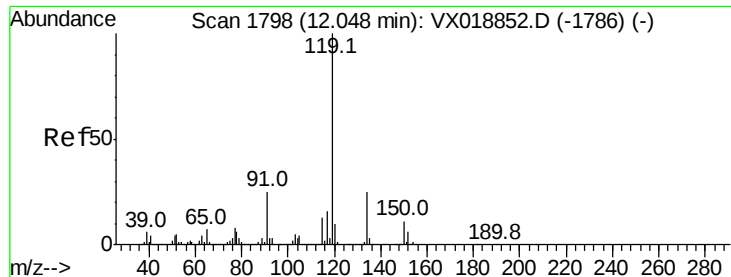
Tot Ion:105 Resp: 558847
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 51.183 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion:105 Resp: 616429
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4





#86

p-Isopropyltoluene

Concen: 51.852 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

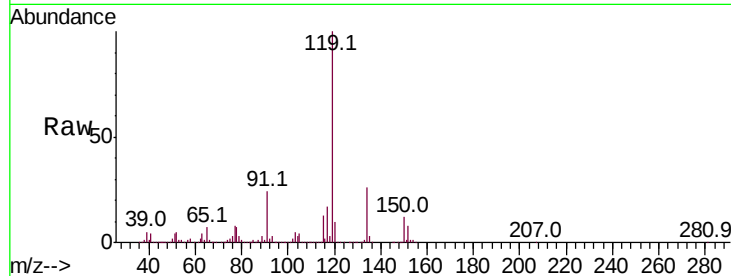
Tot Ion:119 Resp: 592451

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

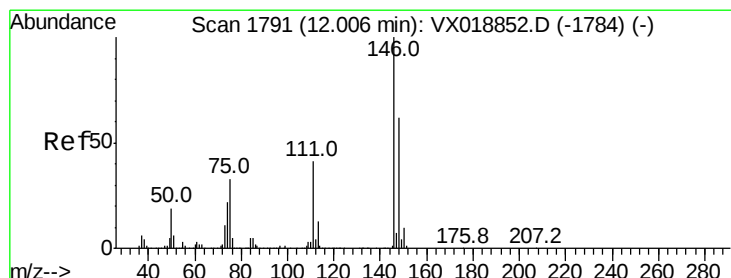
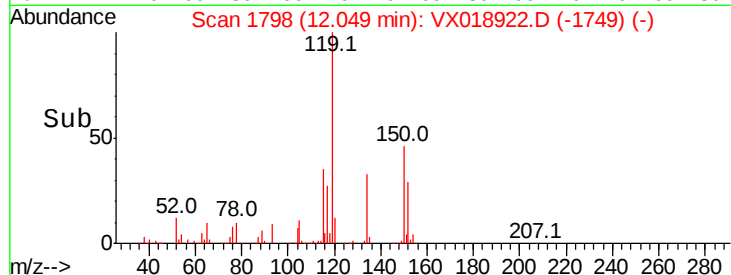
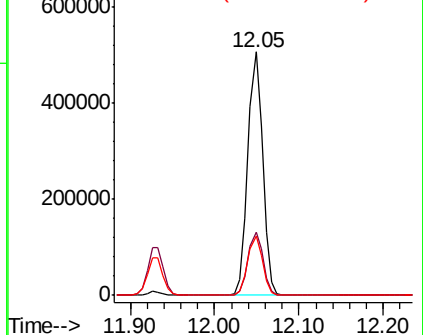
91 23.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.185 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

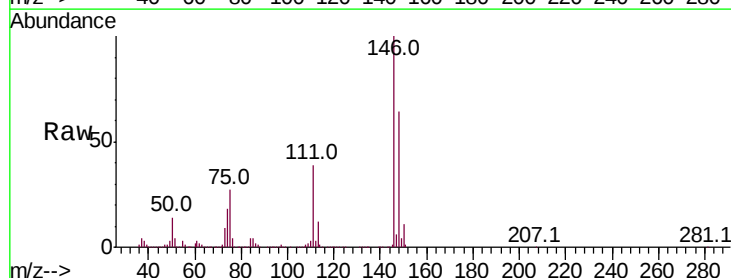
Tgt Ion:146 Resp: 309672

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

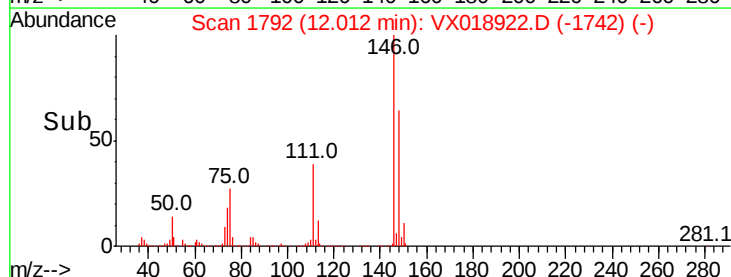
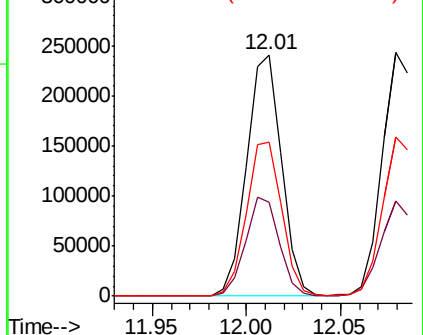
148 64.8 31.4 94.3

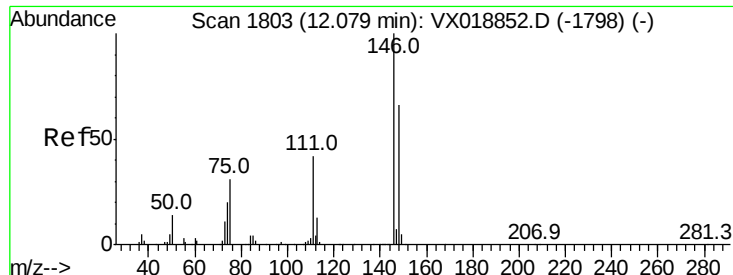


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

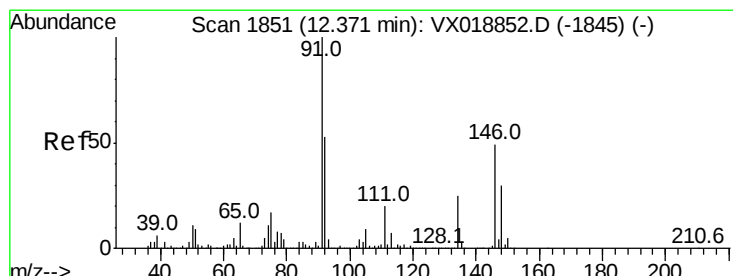
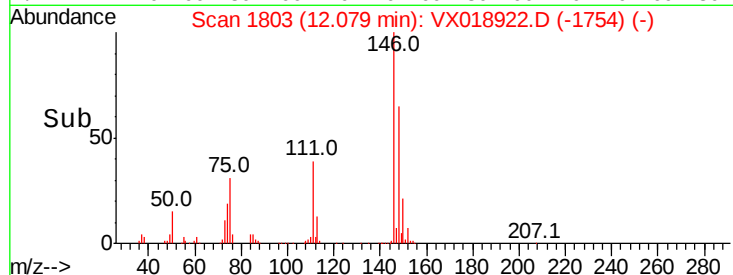
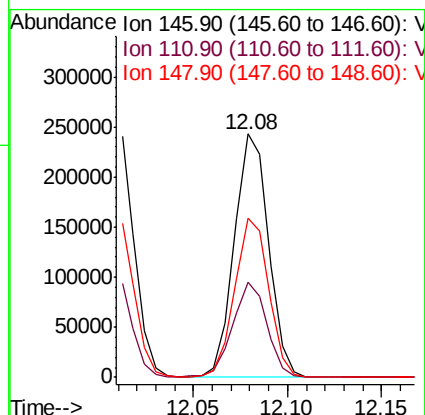
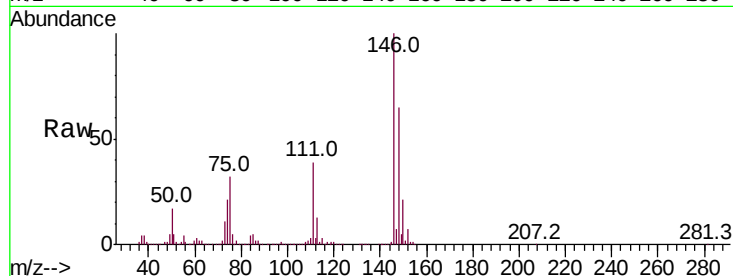




#88
1,4-Dichlorobenzene
Concen: 47.942 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

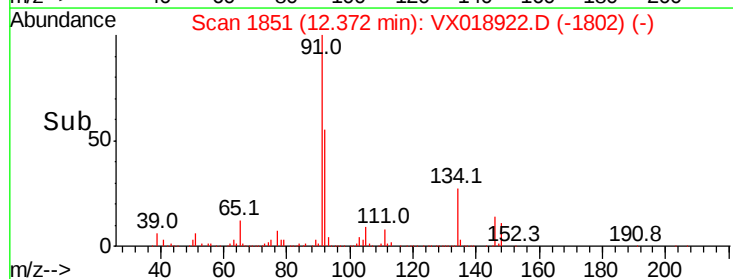
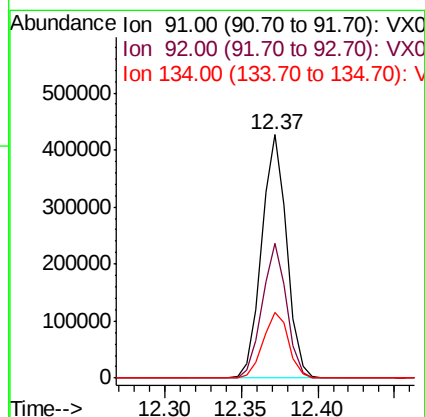
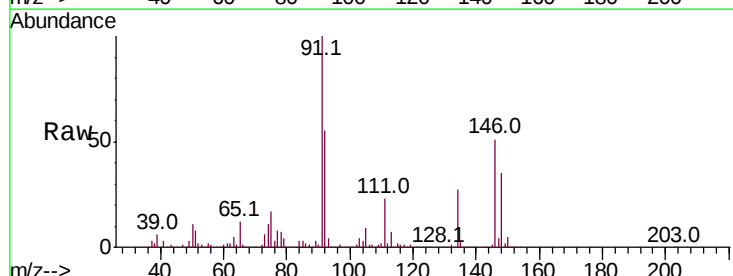
Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

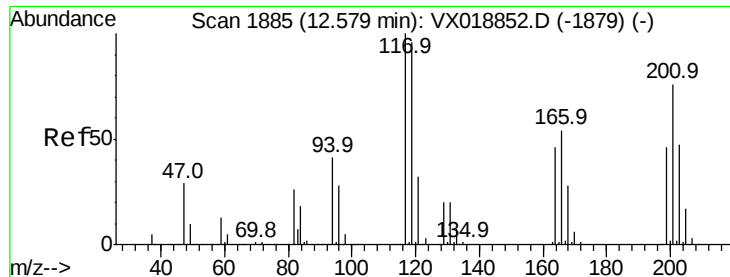
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.5	61.5
148	65.4	32.2	96.6



#89
n-Butylbenzene
Concen: 49.119 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	27.6	13.5	40.4





#90

Hexachloroethane

Concen: 45.928 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

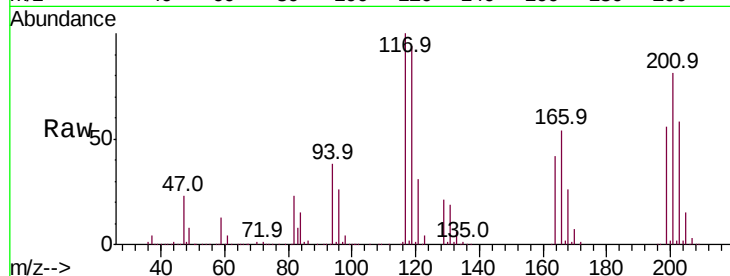
FC-MW07S-20201003MSD

Tot Ion:117 Resp: 97559

Ion Ratio Lower Upper

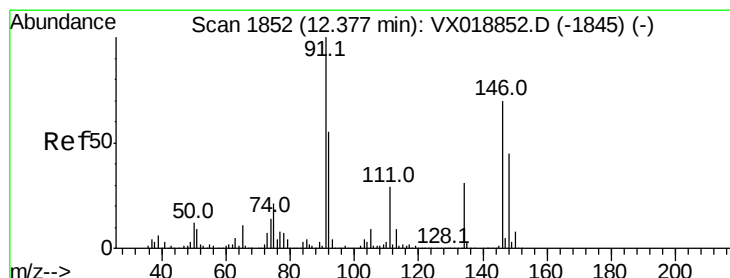
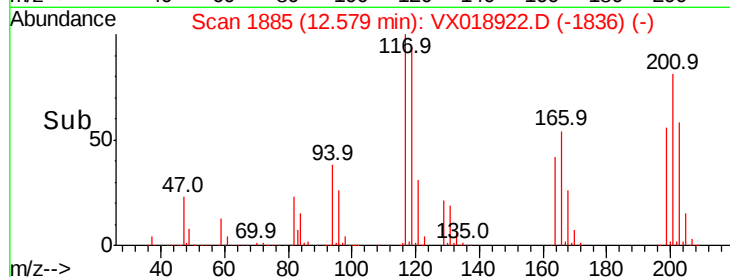
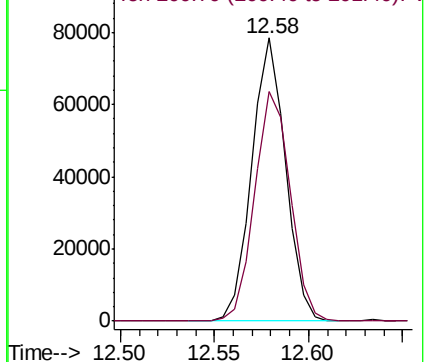
117 100

201 85.7 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.165 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

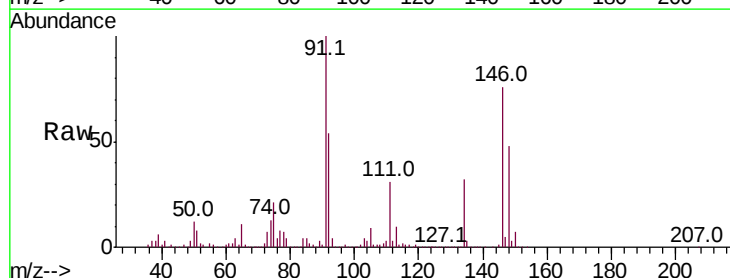
Tgt Ion:146 Resp: 294654

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

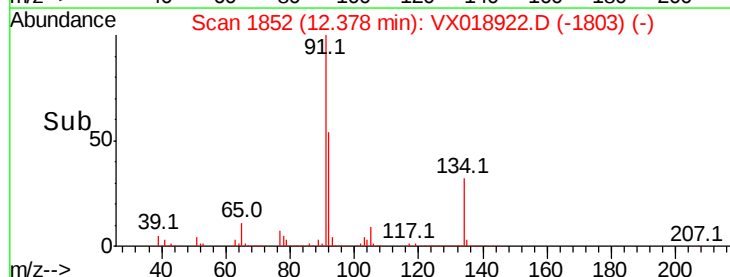
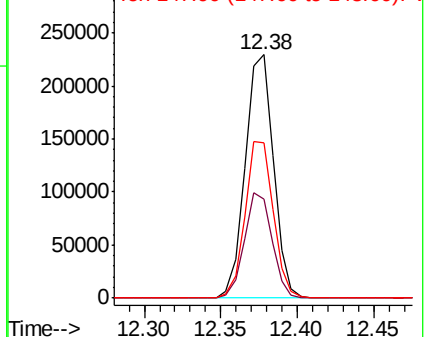
148 64.0 31.1 93.2

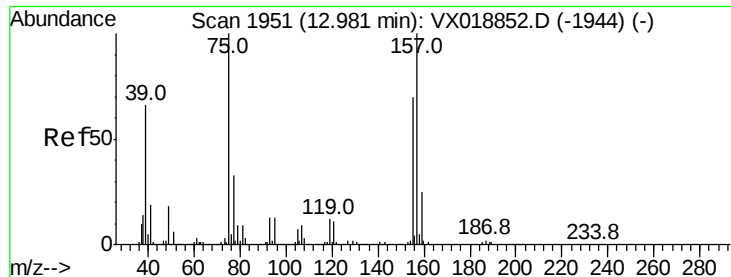


Abundance Ion 145.90 (145.60 to 146.60): V

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: 47.490 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

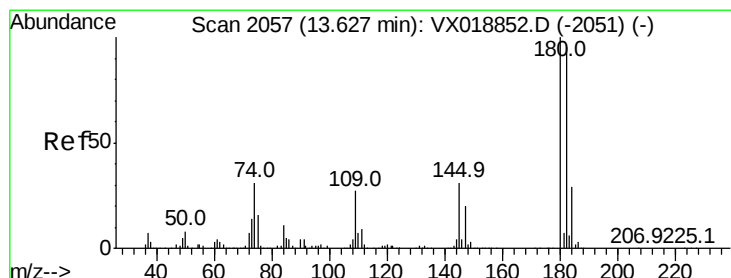
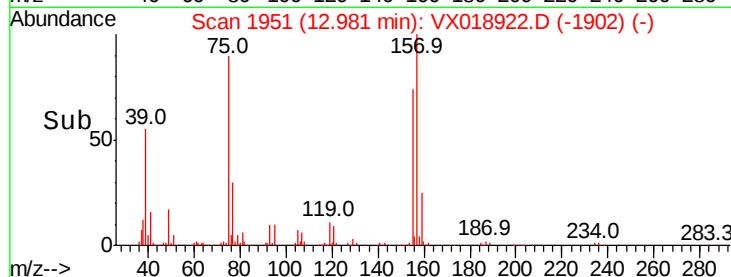
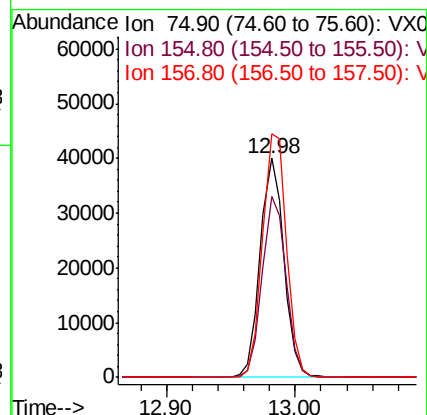
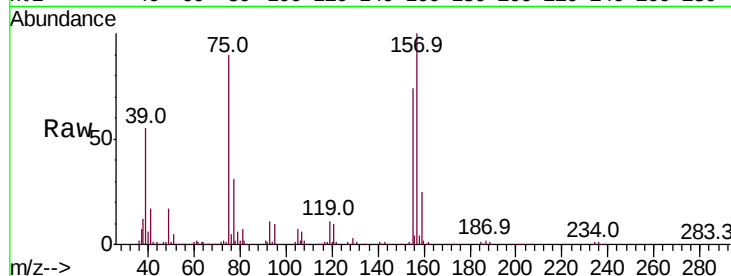
Tot Ion: 75 Resp: 50521

Ion Ratio Lower Upper

75 100

155 83.2 38.0 113.9

157 112.4 50.9 152.7



#93

1,2,4-Trichlorobenzene

Concen: 52.884 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

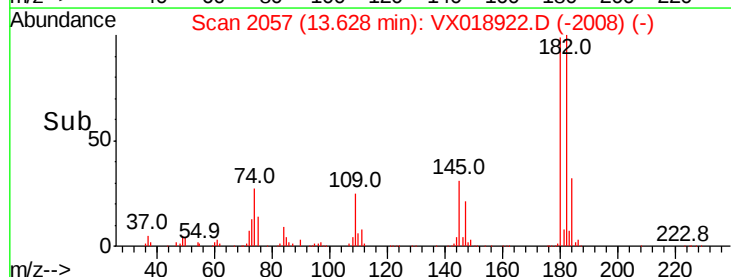
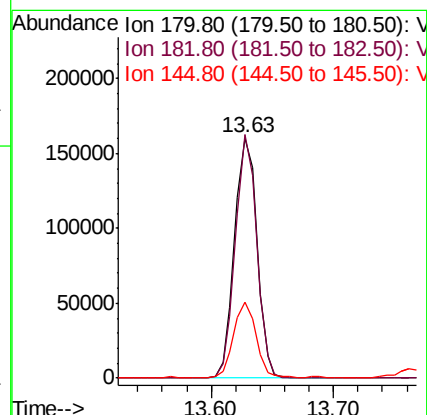
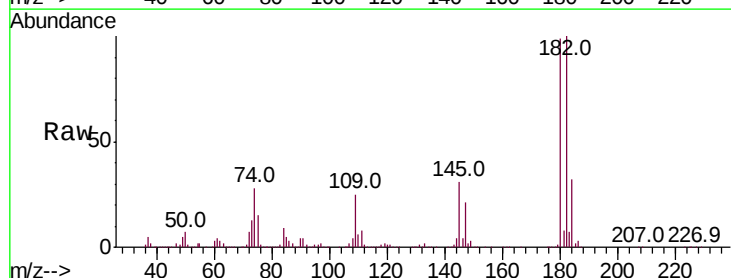
Tgt Ion:180 Resp: 203329

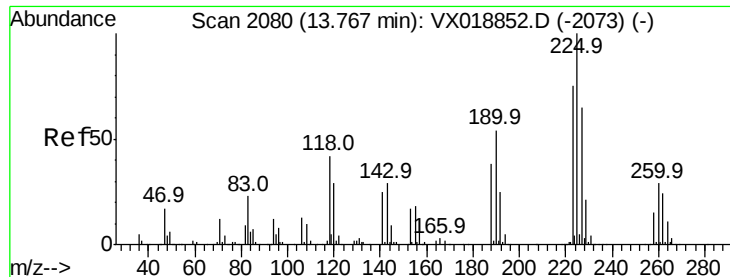
Ion Ratio Lower Upper

180 100

182 95.9 49.1 147.3

145 31.9 16.0 48.0





#94

Hexachlorobutadiene

Concen: 55.693 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

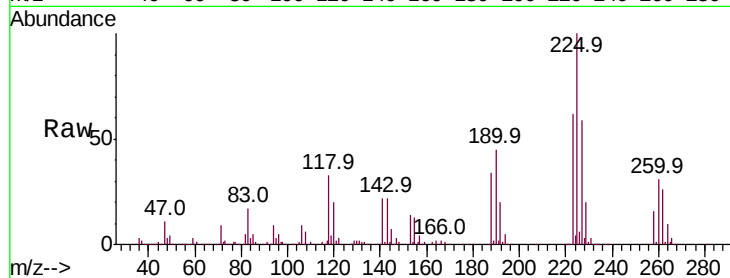
Tot Ion:225 Resp: 95110

Ion Ratio Lower Upper

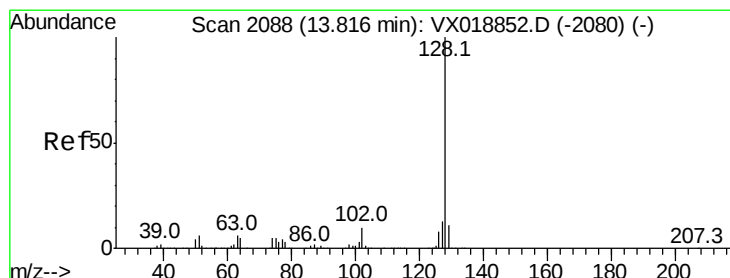
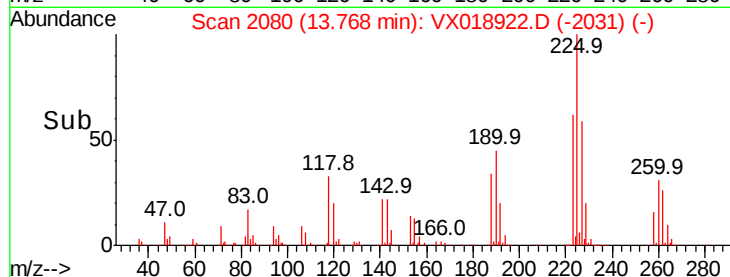
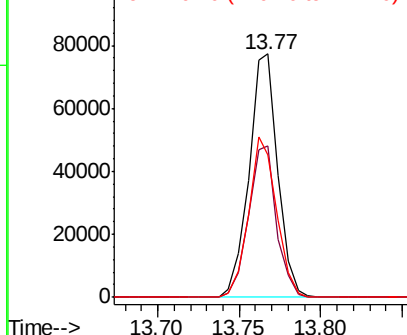
225 100

223 60.5 32.1 96.3

227 63.9 33.0 98.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.758 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

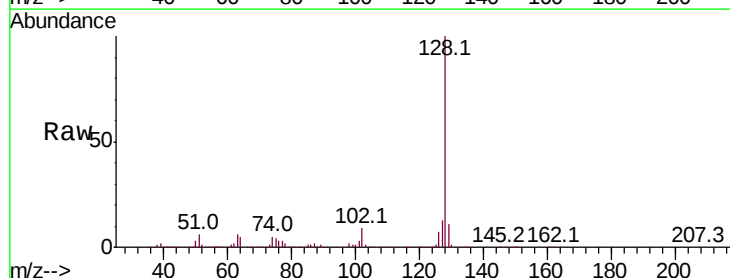
Tgt Ion:128 Resp: 624837

Ion Ratio Lower Upper

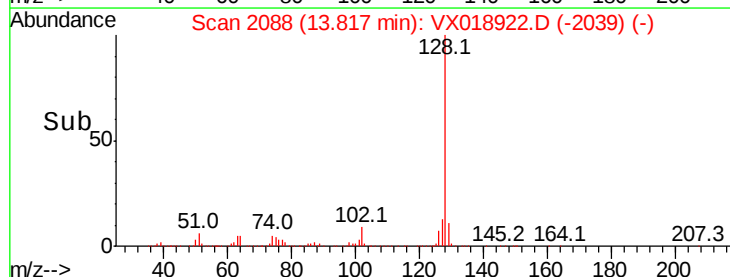
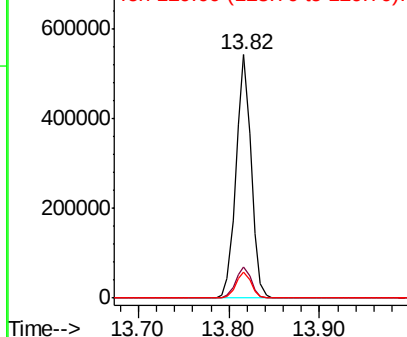
128 100

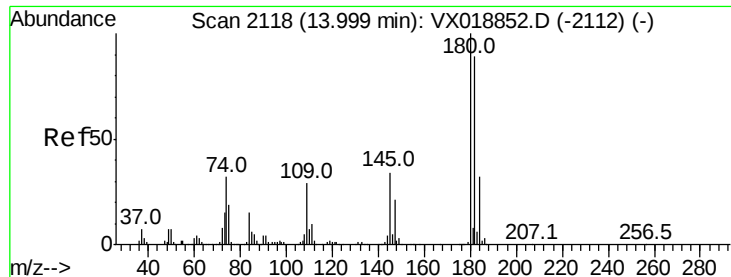
127 13.1 10.1 15.1

129 11.0 8.6 13.0



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: 55.156 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.7	143.1
145	35.0	16.7	50.0

