

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012853.D
 Acq On : 07 Oct 2019 21:04
 Operator : JC/SP
 Sample : K5154-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Quant Time: Oct 08 11:14:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114562	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	90793	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	336977	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	131272	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64747	35.617	ug/l	97
3) Chloromethane	1.31	50	79651	38.157	ug/l	100
4) Vinyl Chloride	1.40	62	93806	45.211	ug/l	98
5) Bromomethane	1.62	94	25051	30.708	ug/l	96
6) Chloroethane	1.70	64	75280	53.820	ug/l	97
7) Trichlorofluoromethane	1.91	101	124386	42.699	ug/l	100
8) Diethyl Ether	2.18	74	54853	45.948	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75951	42.806	ug/l	97
10) Methyl Iodide	2.50	142	68233	37.841	ug/l	92
11) Tert butyl alcohol	3.04	59	144978	246.638	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83198	47.887	ug/l	96
13) Acrolein	2.28	56	72712	223.199	ug/l	99
14) Allyl chloride	2.72	41	156909	45.520	ug/l	94
15) Acrylonitrile	3.13	53	293943	246.481	ug/l	98
16) Acetone	2.44	43	251513	201.793	ug/l	96
17) Carbon Disulfide	2.56	76	212821	43.694	ug/l	99
18) Methyl Acetate	2.76	43	140504	47.875	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	330935	50.323	ug/l	99
20) Methylene Chloride	2.84	84	100956	47.890	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	90033	46.775	ug/l	96
22) Diisopropyl ether	3.84	45	321288	48.237	ug/l	97
23) Vinyl Acetate	3.80	43	1362602	233.283	ug/l	97
24) 1,1-Dichloroethane	3.69	63	198440	54.810	ug/l	99
25) 2-Butanone	4.66	43	409332	229.044	ug/l	95
26) 2,2-Dichloropropane	4.57	77	126290	39.220	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	115889	51.890	ug/l	91
28) Bromochloromethane	5.00	49	62975	47.904	ug/l	95
29) Tetrahydrofuran	5.11	42	262377	240.875	ug/l	95
30) Chloroform	5.20	83	175846	47.474	ug/l	99
31) Cyclohexane	5.57	56	140414	42.870	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	153460	46.746	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124934	45.101	ug/l	97
37) Ethyl Acetate	4.82	43	150065	46.337	ug/l	97
38) Carbon Tetrachloride	5.78	117	126681	45.019	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135344	40.585	ug/l	96
40) Benzene	6.14	78	393369	48.263	ug/l	99
41) Methacrylonitrile	5.03	41	85650	47.137	ug/l	94
42) 1,2-Dichloroethane	6.18	62	143719	46.435	ug/l	98
43) Isopropyl Acetate	6.43	43	253132	46.739	ug/l	96
44) Trichloroethene	7.21	130	97990	47.028	ug/l	100
45) 1,2-Dichloropropane	7.51	63	103556	49.626	ug/l	98
46) Dibromomethane	7.65	93	69291	48.771	ug/l	99
47) Bromodichloromethane	7.89	83	139436	49.105	ug/l	99
48) Methyl methacrylate	7.76	41	125505	48.329	ug/l	91
49) 1,4-Dioxane	7.73	88	58492	993.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	815089	243.810	ug/l	95
52) Toluene	8.78	92	251294	49.056	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	153375	48.819	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166408	48.512	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	103383	50.762	ug/l	99
56) Ethyl methacrylate	9.17	69	177118	51.766	ug/l	90
57) 1,3-Dichloropropane	9.37	76	177476	49.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.43	63	1039	0.677	ug/l #	45
59) 2-Hexanone	9.49	43	633060	247.389	ug/l	93
60) Dibromochloromethane	9.58	129	105530	51.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108257	51.075	ug/l	99
64) Tetrachloroethene	9.33	164	80152	44.918	ug/l	91
65) Chlorobenzene	10.14	112	267164	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100335	51.383	ug/l	99
67) Ethyl Benzene	10.25	91	480005	49.106	ug/l	98
68) m/p-Xylenes	10.35	106	358786	97.984	ug/l	99
69) o-Xylene	10.70	106	174622	49.285	ug/l	99
70) Styrene	10.71	104	307849	51.828	ug/l	99
71) Bromoform	10.85	173	75454	55.494	ug/l #	98
73) Isopropylbenzene	11.01	105	467035	47.006	ug/l	99
74) N-amyl acetate	10.89	43	227476	47.991	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	169250	51.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182594	56.585	ug/l	88
77) Bromobenzene	11.25	156	109062	48.500	ug/l	99
78) n-propylbenzene	11.35	91	513636	45.919	ug/l	99
79) 2-Chlorotoluene	11.42	91	320494	45.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	394625	47.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47558	42.236	ug/l	95
82) 4-Chlorotoluene	11.51	91	376260	47.302	ug/l	99
83) tert-Butylbenzene	11.77	119	387104	48.164	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	399122	47.486	ug/l	99
85) sec-Butylbenzene	11.94	105	444347	47.533	ug/l	99
86) p-Isopropyltoluene	12.06	119	408566	48.437	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200425	49.527	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200011	48.912	ug/l	99
89) n-Butylbenzene	12.39	91	334239	44.968	ug/l	98
90) Hexachloroethane	12.59	117	70751	47.048	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	197560	48.763	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39964	48.552	ug/l	93

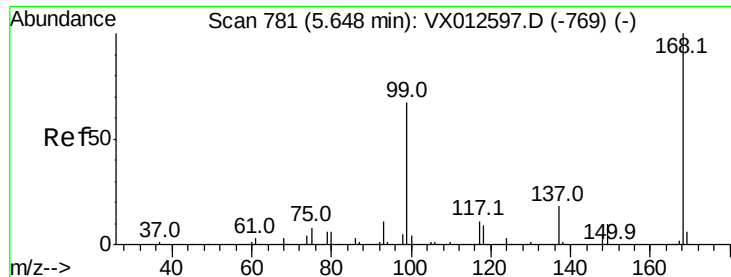
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123610	50.029	ug/l	98
94) Hexachlorobutadiene	13.78	225	50853	47.842	ug/l	99
95) Naphthalene	13.83	128	453180	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125286	50.620	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

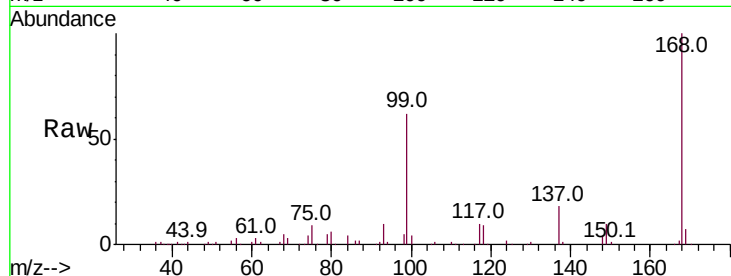
MW-103IMSD

Tot Ion:168 Resp: 161592

Ion Ratio Lower Upper

168 100

99 61.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

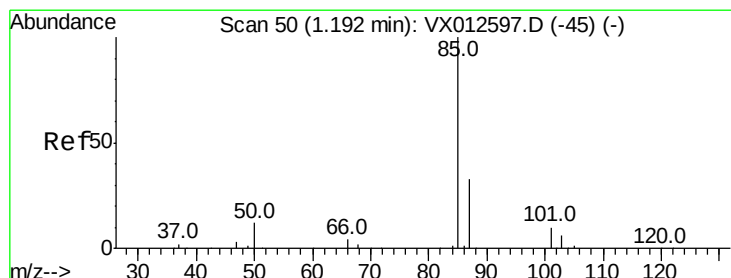
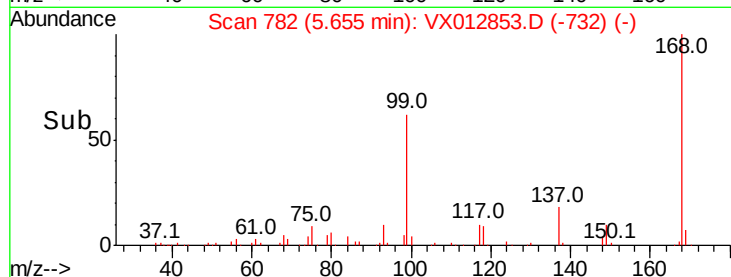
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 35.617 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012853.D

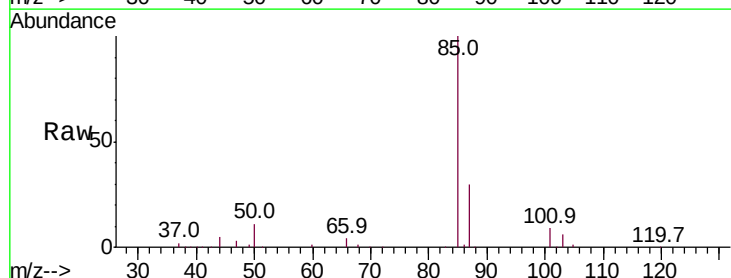
Acq: 07 Oct 2019 21:04

Tgt Ion: 85 Resp: 64747

Ion Ratio Lower Upper

85 100

87 29.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

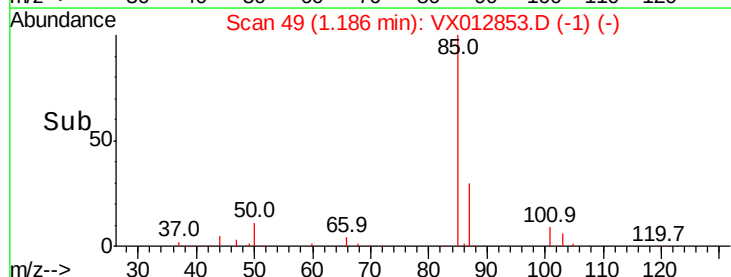
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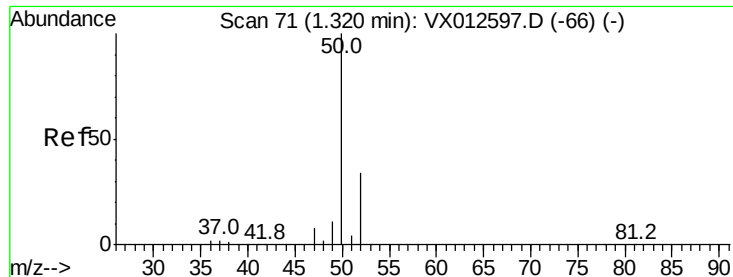
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.157 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

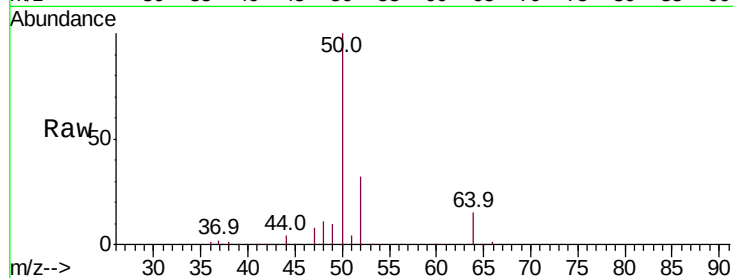
MW-103IMSD

Tot Ion: 50 Resp: 79651

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

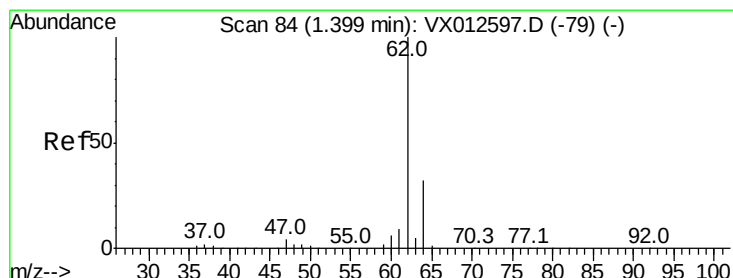
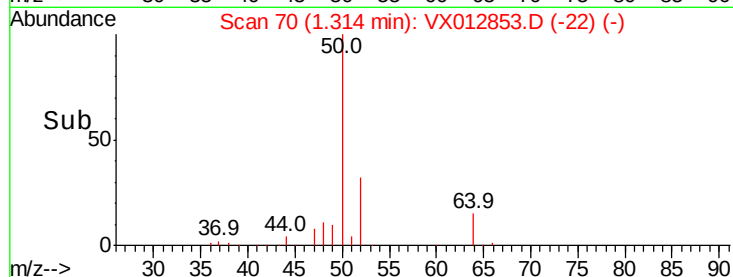
60000

40000

20000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 45.211 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012853.D

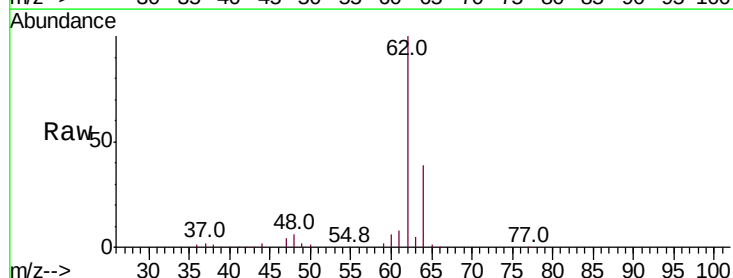
Acq: 07 Oct 2019 21:04

Tgt Ion: 62 Resp: 93806

Ion Ratio Lower Upper

62 100

64 31.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

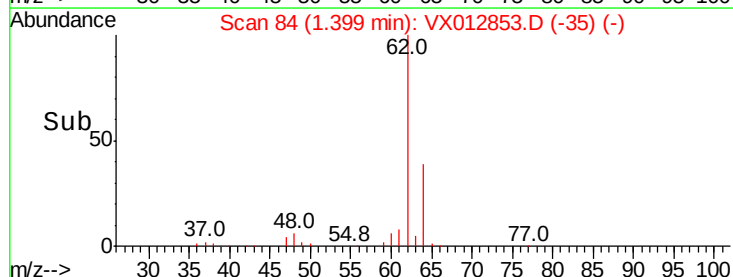
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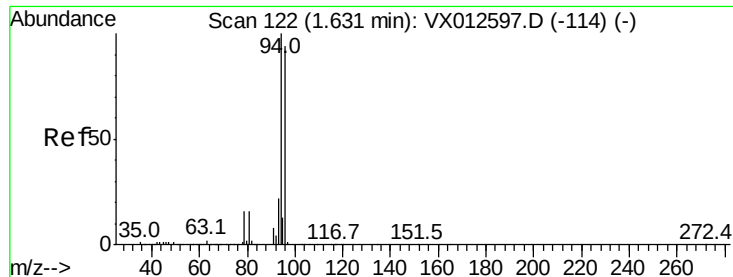
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 30.708 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

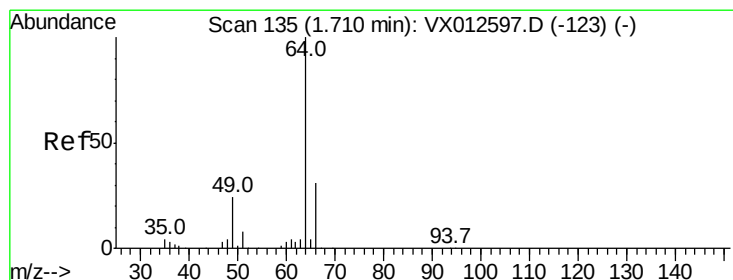
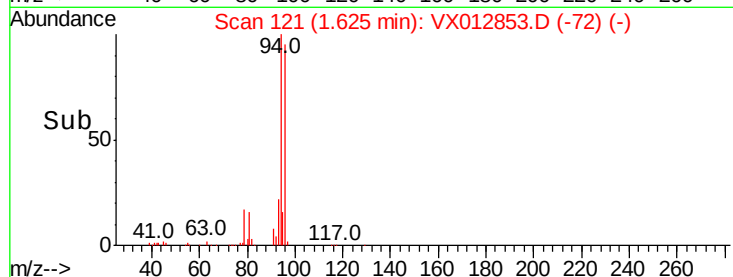
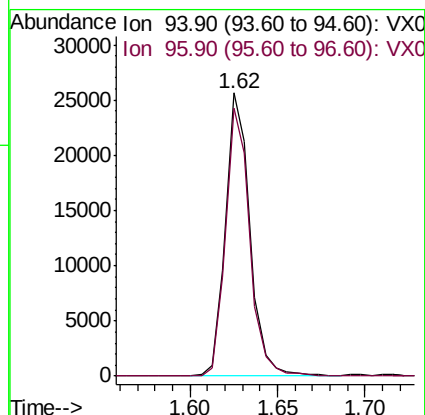
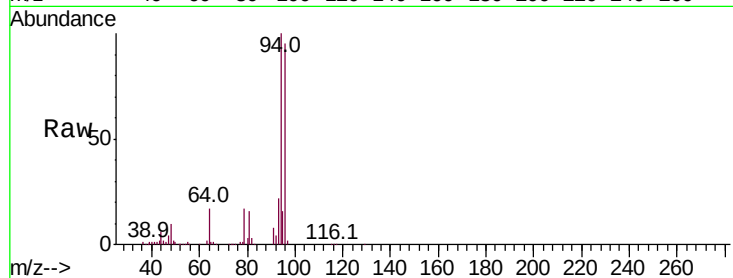
MW-103IMSD

Tot Ion: 94 Resp: 25051

Ion Ratio Lower Upper

94 100

96 94.9 72.8 109.2



#6

Chloroethane

Concen: 53.820 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012853.D

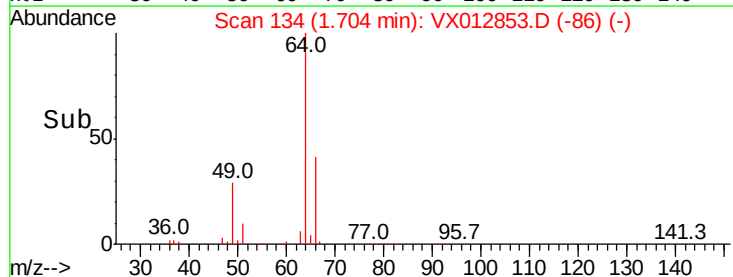
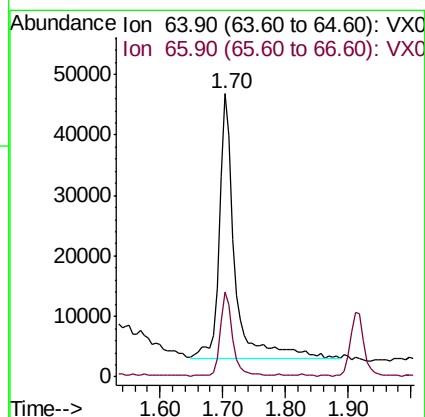
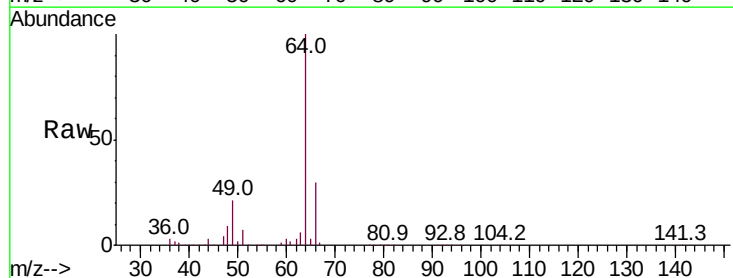
Acq: 07 Oct 2019 21:04

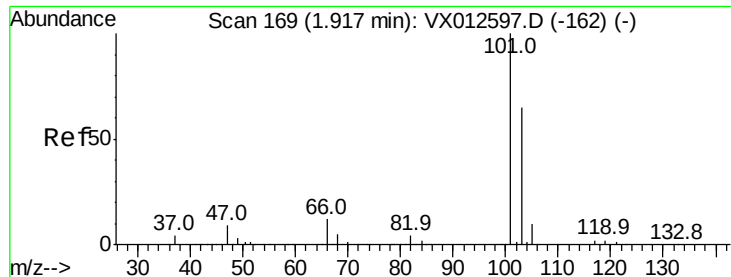
Tgt Ion: 64 Resp: 75280

Ion Ratio Lower Upper

64 100

66 31.7 24.0 36.0



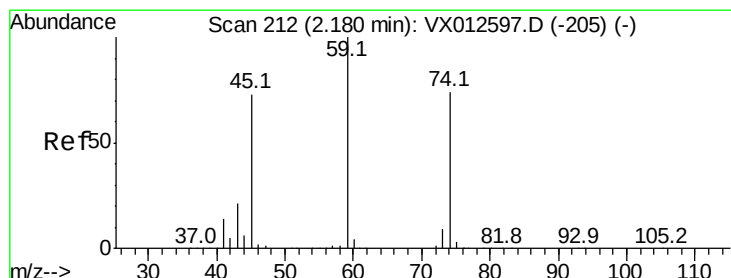
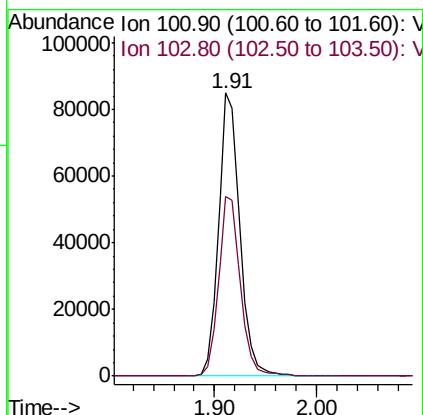
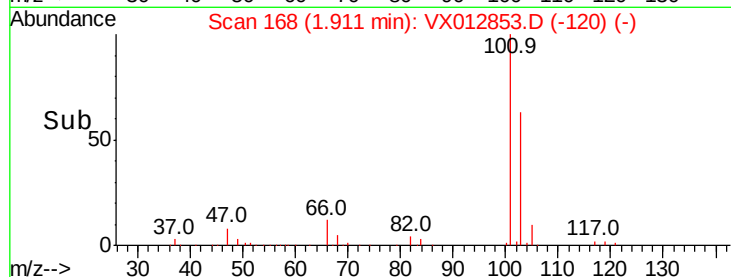
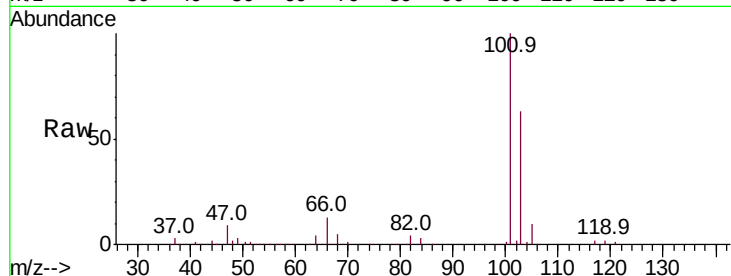


#7

Trichlorofluoromethane
 Concen: 42.699 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012853.D
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Instrument :
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 MW-103IMSD

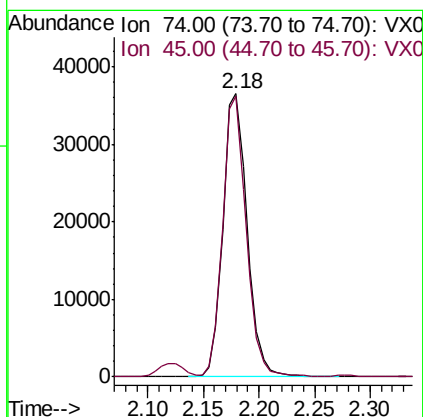
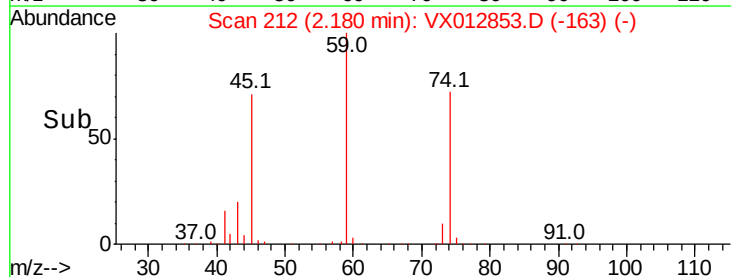
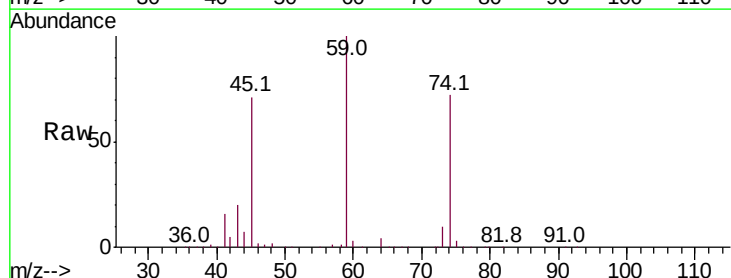
Tot Ion:101 Resp: 124386
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.4

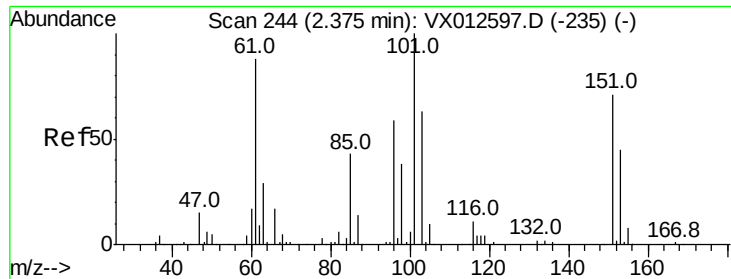


#8

Diethyl Ether
 Concen: 45.948 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 74 Resp: 54853
 Ion Ratio Lower Upper
 74 100
 45 96.1 49.9 149.7

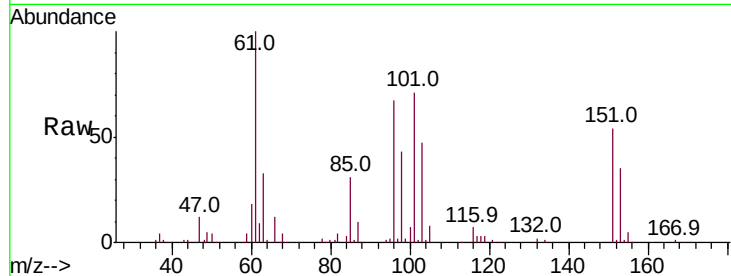




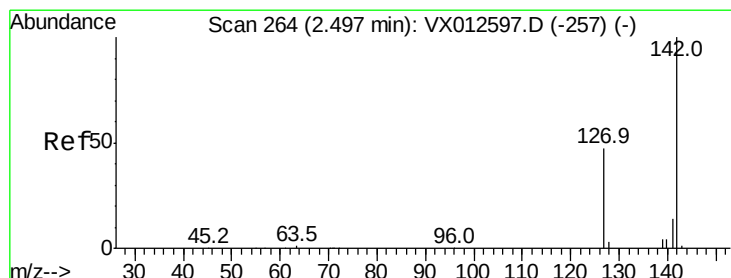
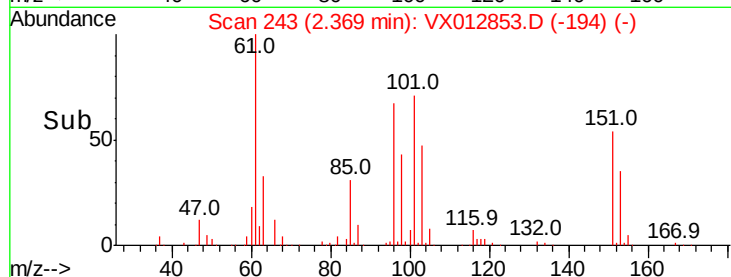
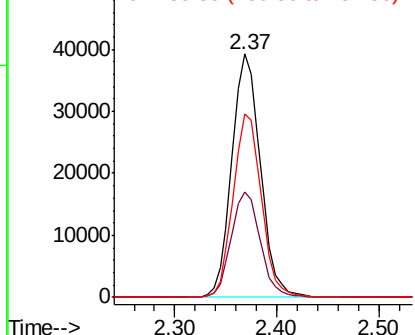
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.806 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMSD

Tot Ion:101 Resp: 75951
 Ion Ratio Lower Upper
 101 100
 85 43.8 37.3 55.9
 151 74.7 61.0 91.4

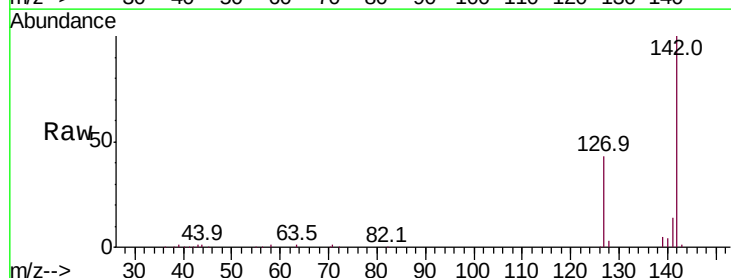


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

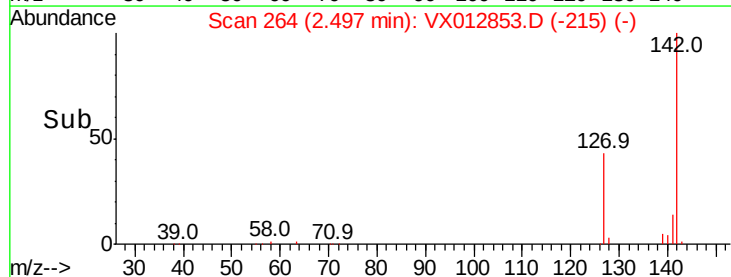
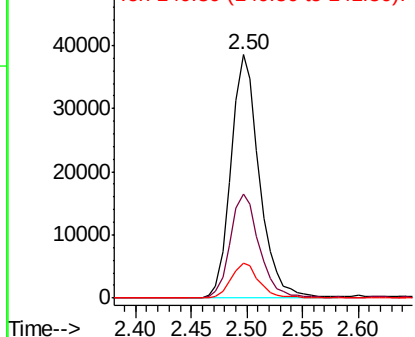


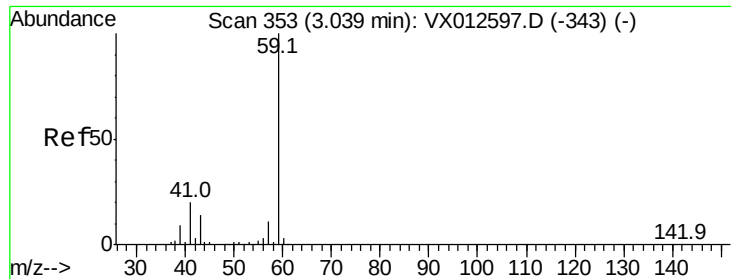
#10
 Methyl Iodide
 Concen: 37.841 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion:142 Resp: 68233
 Ion Ratio Lower Upper
 142 100
 127 44.1 40.8 61.2
 141 14.2 12.1 18.1



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



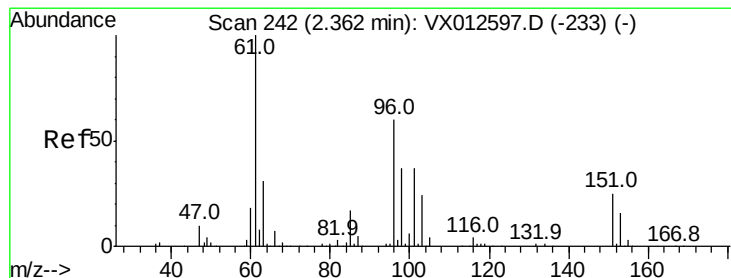
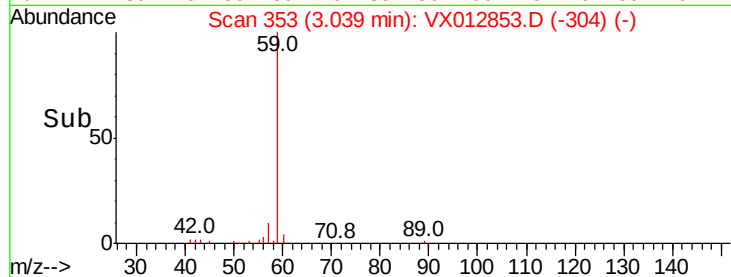
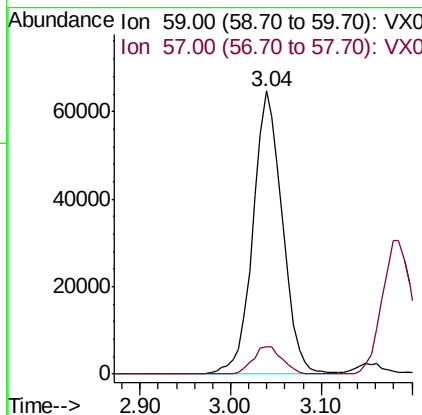
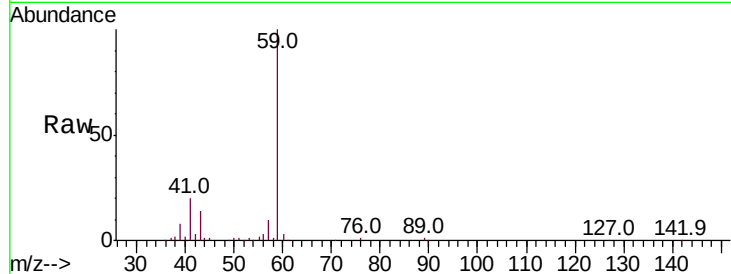


#11

Tert butyl alcohol
Concen: 246.638 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

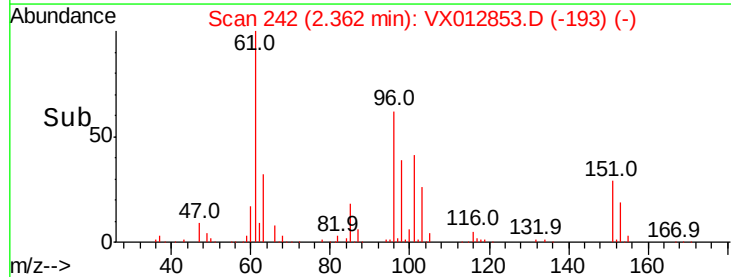
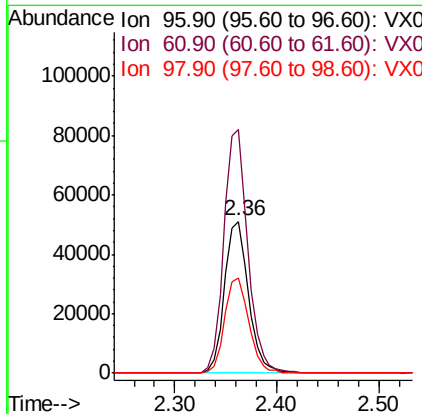
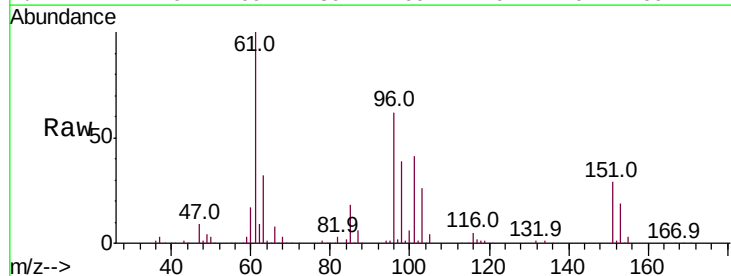
Tot Ion: 59 Resp: 144978
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

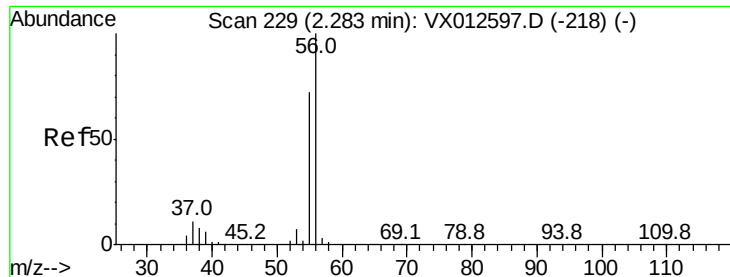


#12

1,1-Dichloroethene
Concen: 47.887 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 96 Resp: 83198
Ion Ratio Lower Upper
96 100
61 160.5 133.8 200.6
98 62.5 49.9 74.9

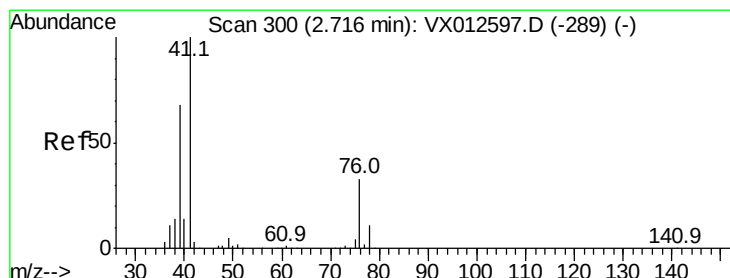
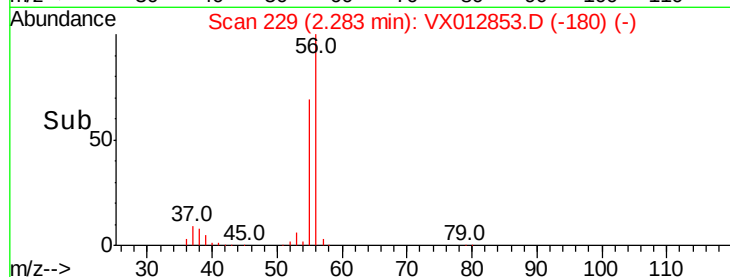
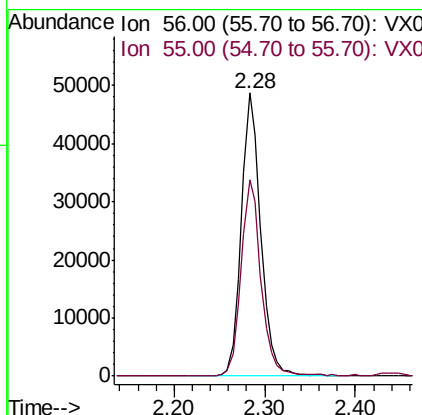
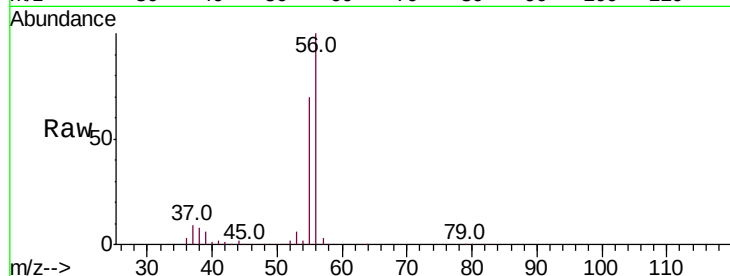




#13
Acrolein
Concen: 223.199 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

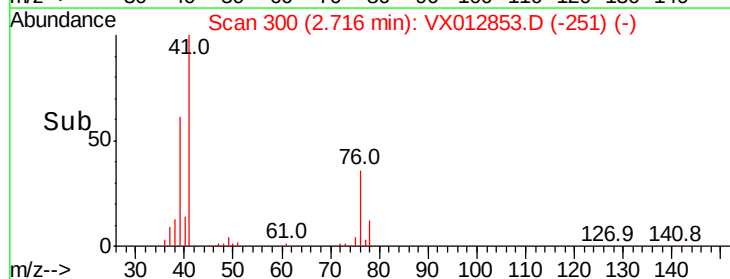
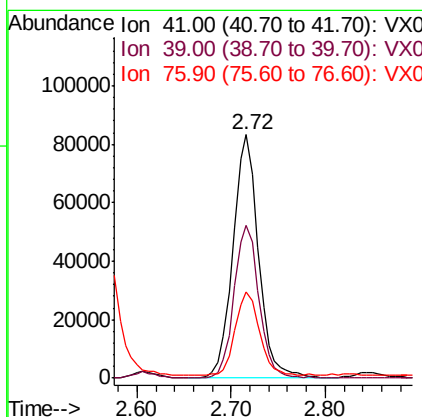
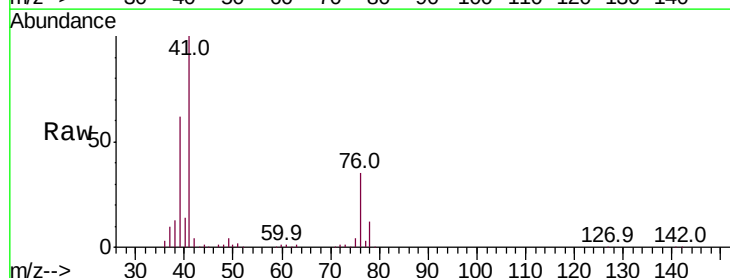
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

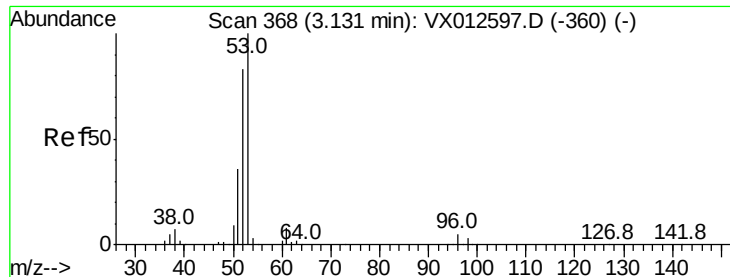
Tot Ion: 56 Resp: 72712
Ion Ratio Lower Upper
56 100
55 70.4 55.8 83.8



#14
Allyl chloride
Concen: 45.520 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 41 Resp: 156909
Ion Ratio Lower Upper
41 100
39 61.0 51.3 76.9
76 33.6 22.6 33.8





#15

Acrylonitrile

Concen: 246.481 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

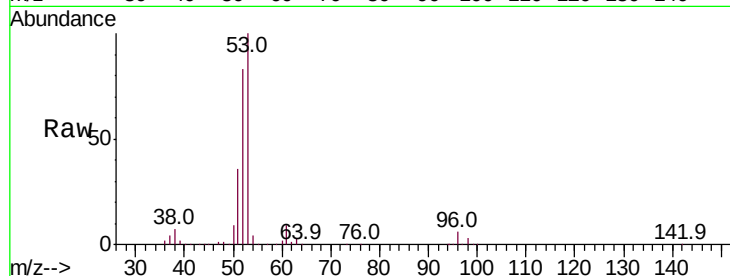
MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 53 Resp: 293943

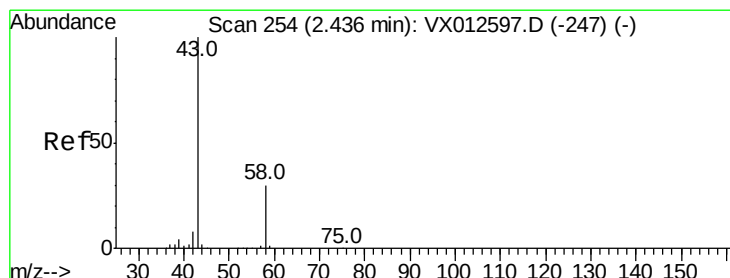
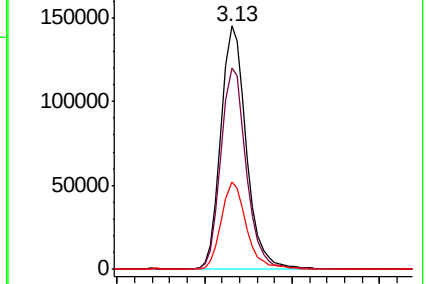
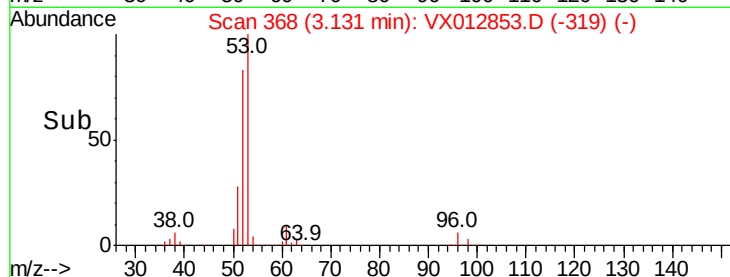
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	35.5	29.6	44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 201.793 ug/l

RT: 2.44 min Scan# 254

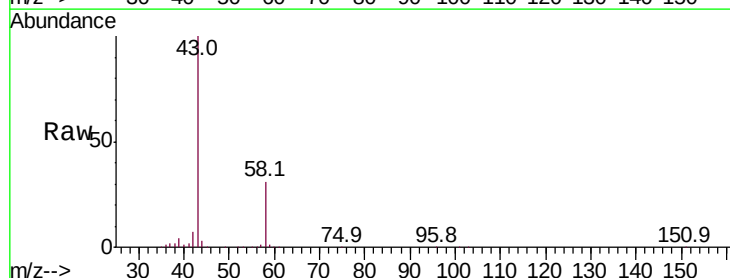
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

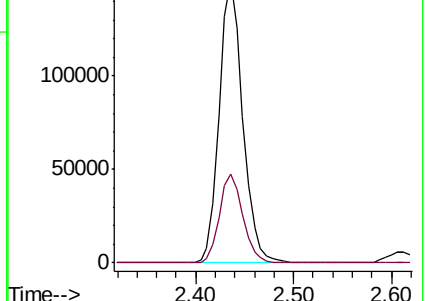
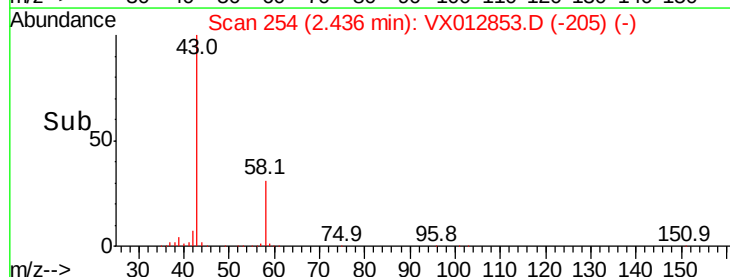
Tgt Ion: 43 Resp: 251513

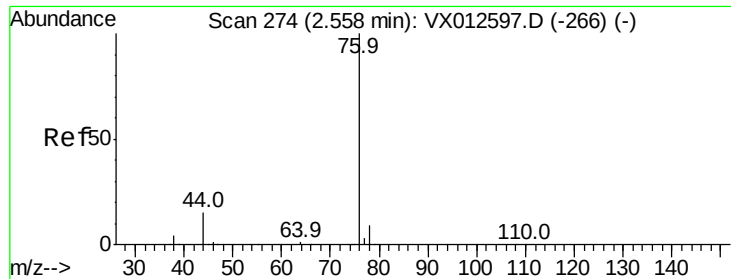
Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

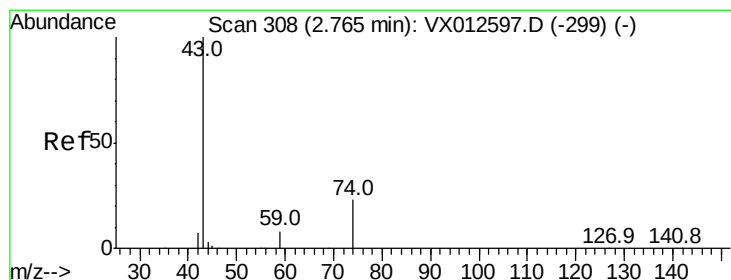
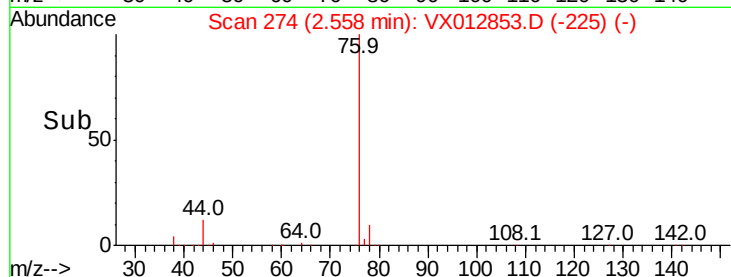
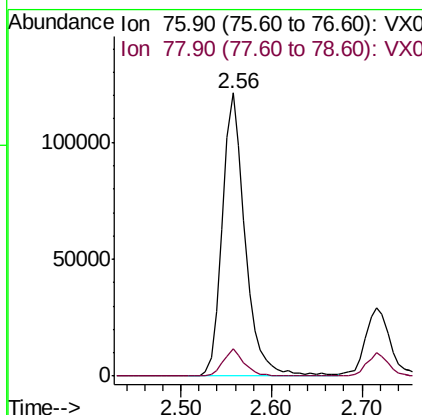
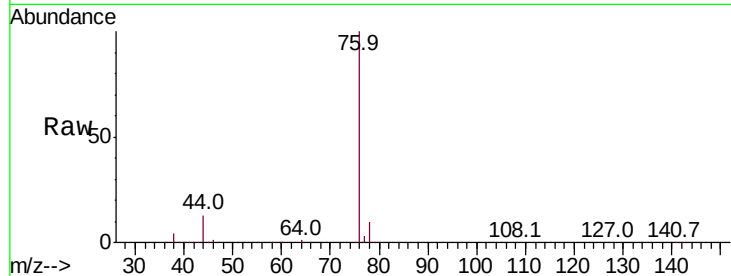




#17
Carbon Disulfide
Concen: 43.694 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

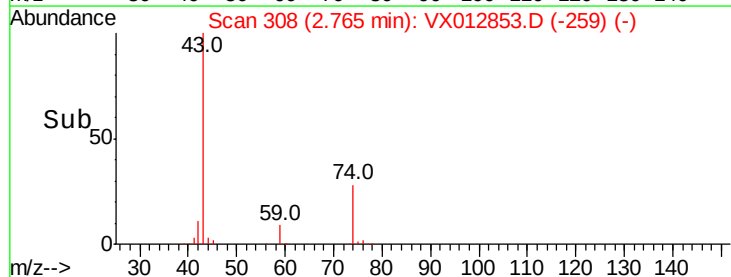
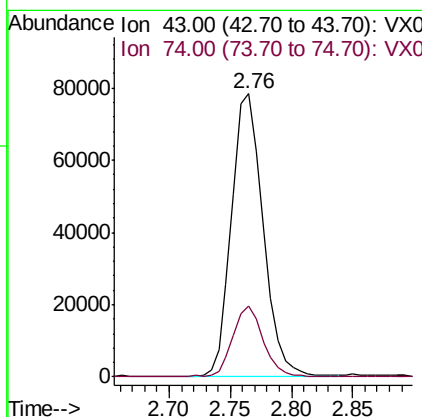
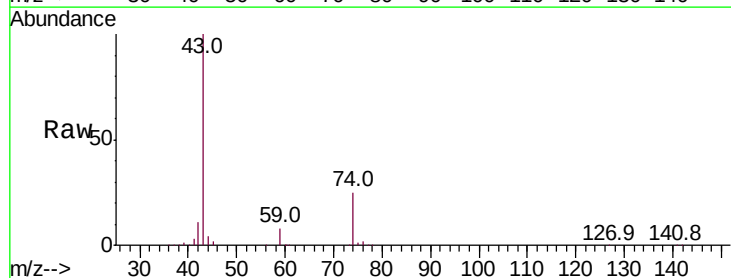
Instrument :
MSVOA_X
ClientSampled :
MW-103IMSD

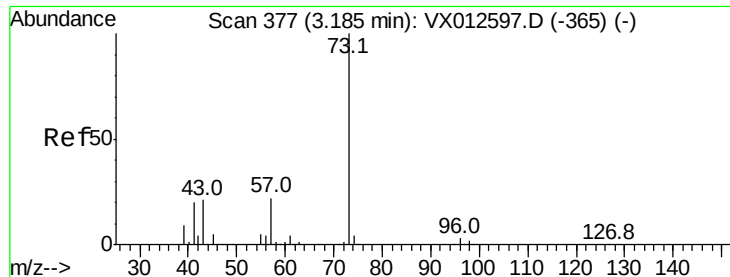
Tot Ion: 76 Resp: 212821
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 47.875 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 43 Resp: 140504
Ion Ratio Lower Upper
43 100
74 24.4 17.7 26.5



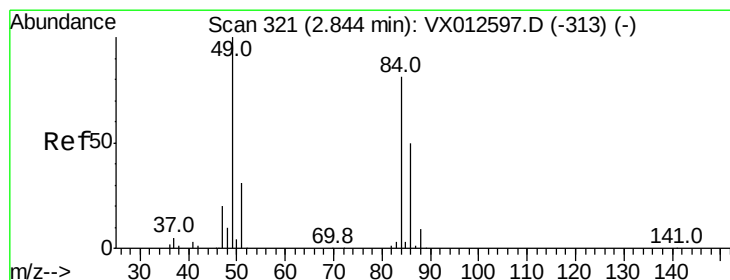
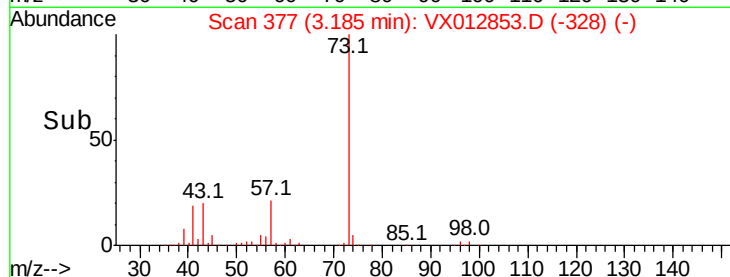
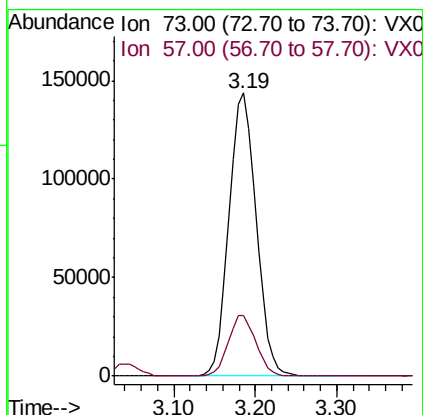
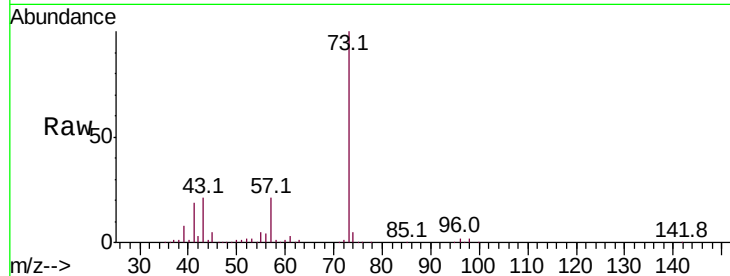


#19

Methyl tert-butyl Ether
 Concen: 50.323 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

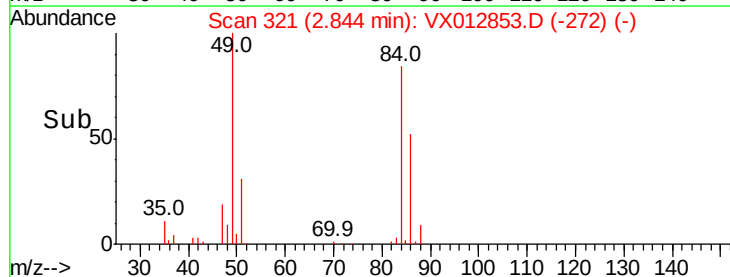
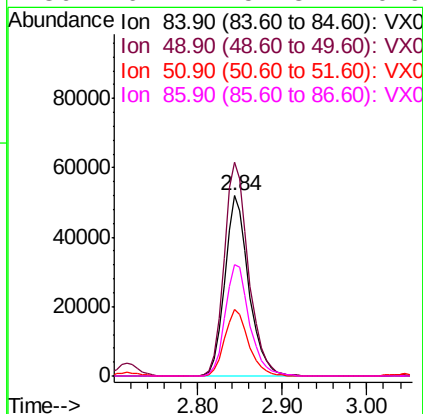
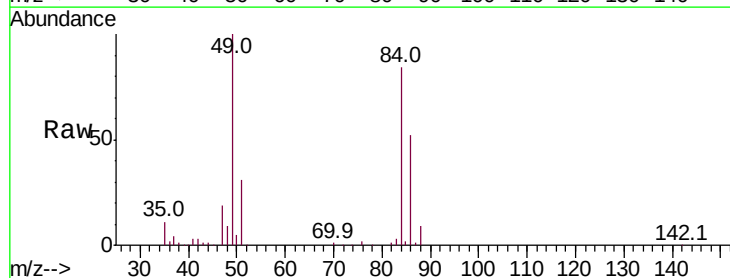
Tot Ion: 73 Resp: 330935
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.8 25.2

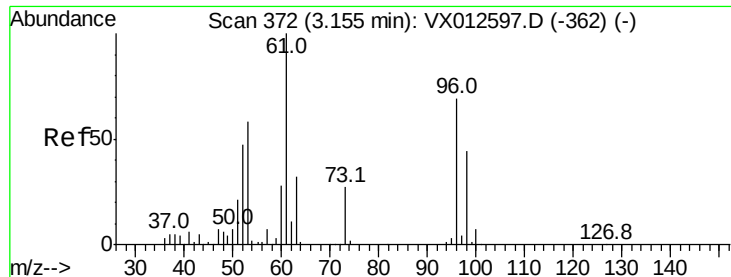


#20

Methylene Chloride
 Concen: 47.890 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 84 Resp: 100956
 Ion Ratio Lower Upper
 84 100
 49 118.5 106.8 160.2
 51 37.2 32.3 48.5
 86 62.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.775 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

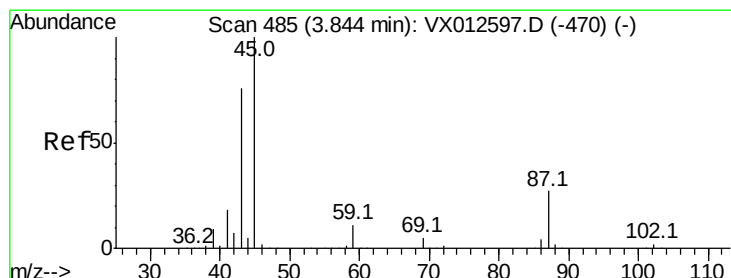
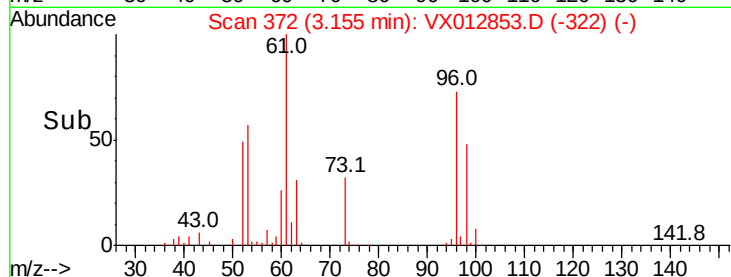
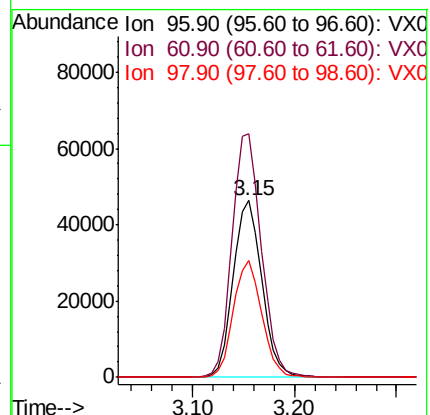
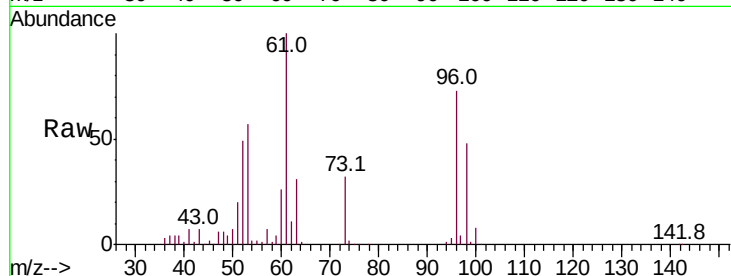
Tot Ion: 96 Resp: 90033

Ion Ratio Lower Upper

96 100

61 137.7 112.0 168.0

98 65.8 47.8 71.8



#22

Diisopropyl ether

Concen: 48.237 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion: 45 Resp: 321288

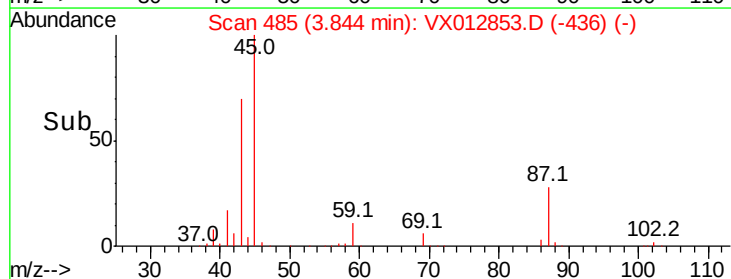
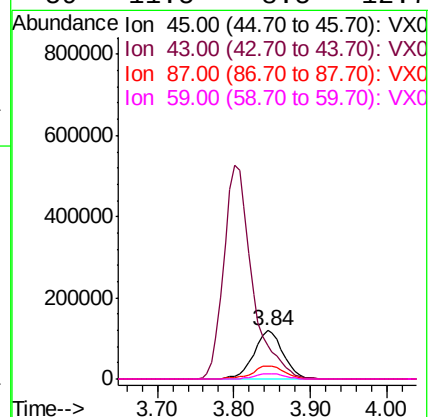
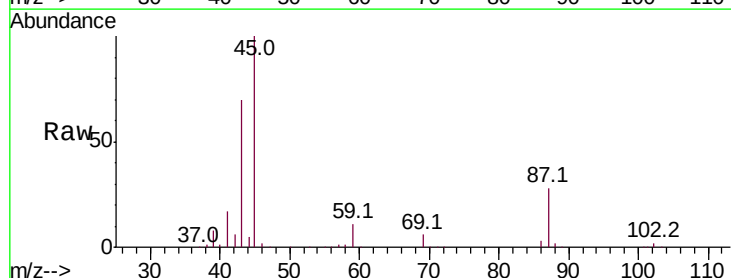
Ion Ratio Lower Upper

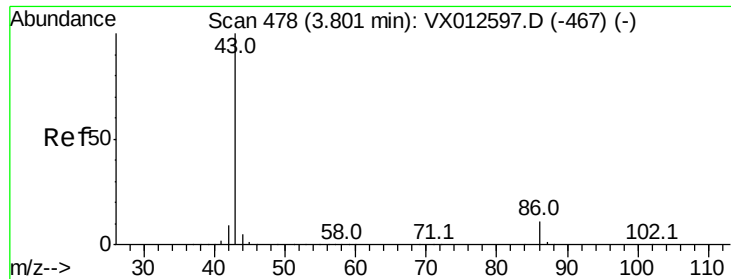
45 100

43 69.6 57.8 86.8

87 27.8 21.3 31.9

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 233.283 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

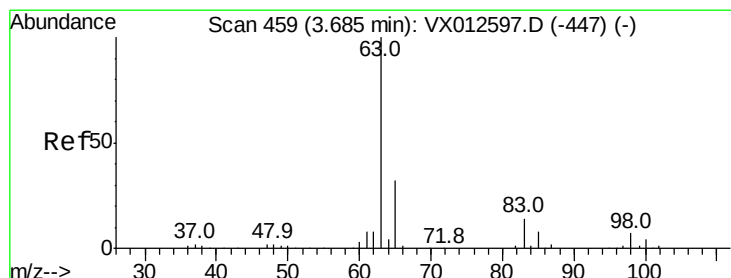
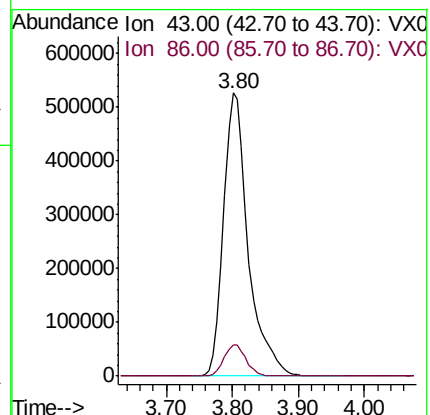
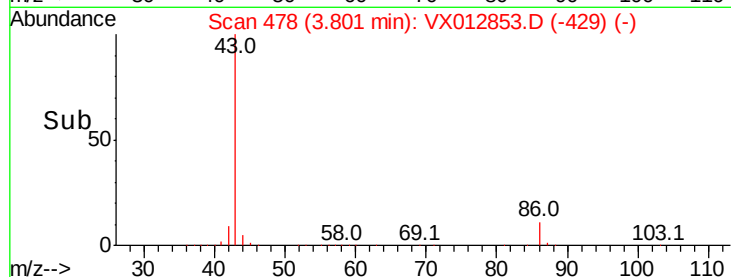
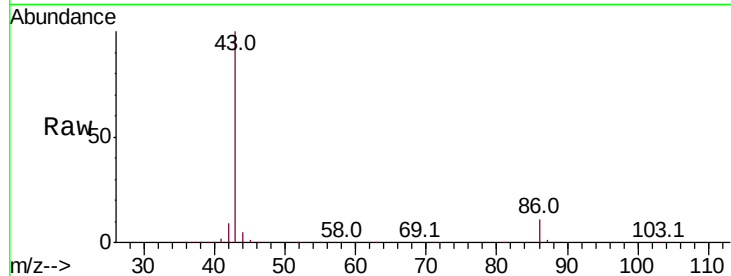
MW-103IMSD

Tot Ion: 43 Resp: 1362602

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 54.810 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

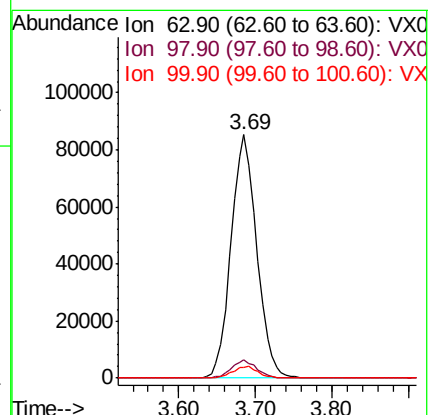
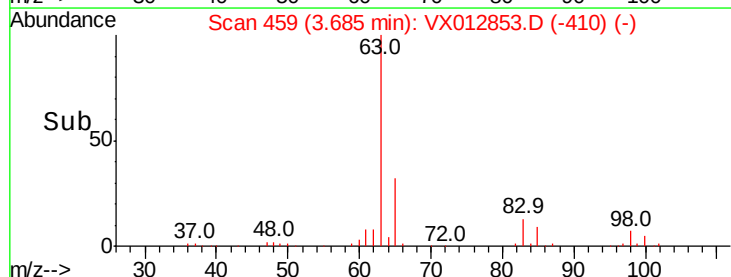
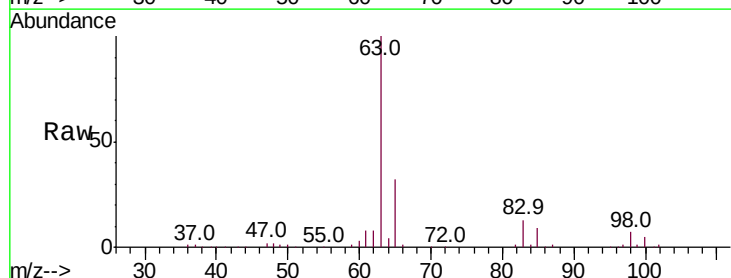
Tgt Ion: 63 Resp: 198440

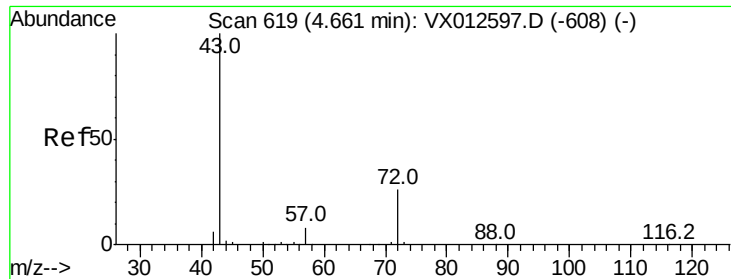
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 229.044 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

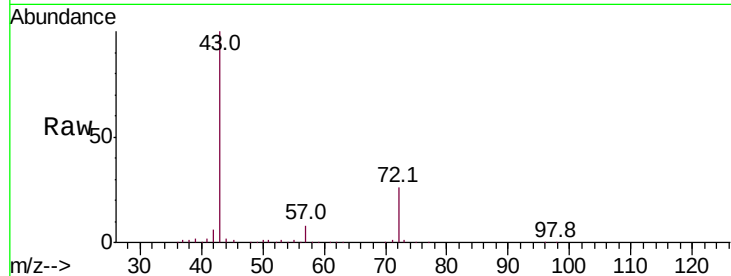
MW-103IMSD

Tot Ion: 43 Resp: 409332

Ion Ratio Lower Upper

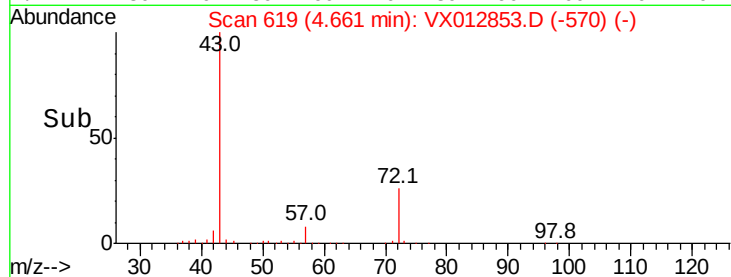
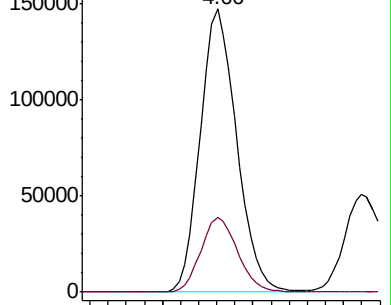
43 100

72 26.3 19.2 28.8

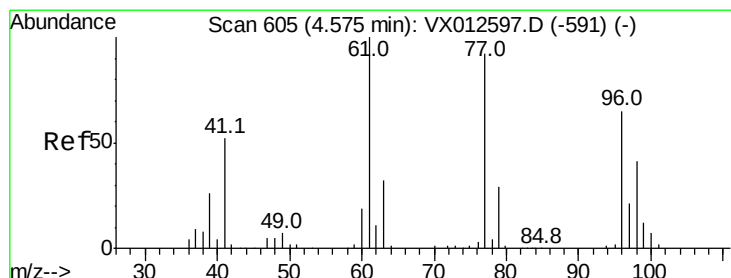


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 39.220 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012853.D

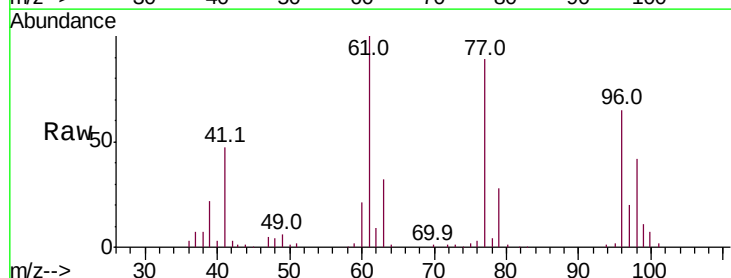
Acq: 07 Oct 2019 21:04

Tgt Ion: 77 Resp: 126290

Ion Ratio Lower Upper

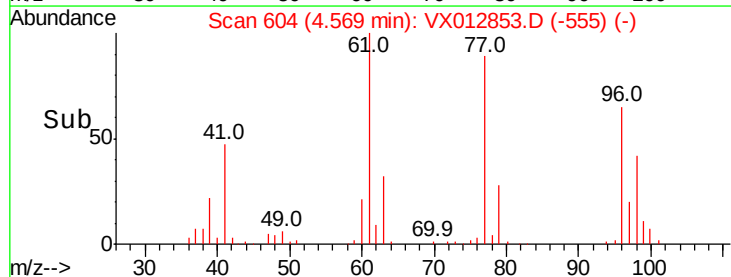
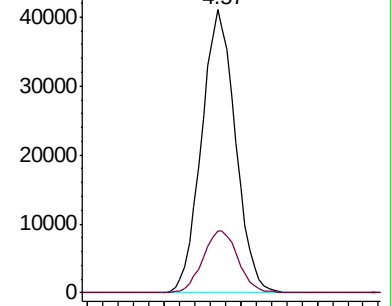
77 100

97 22.8 10.5 31.6

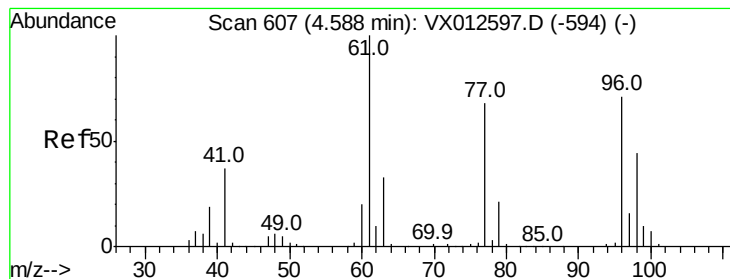


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

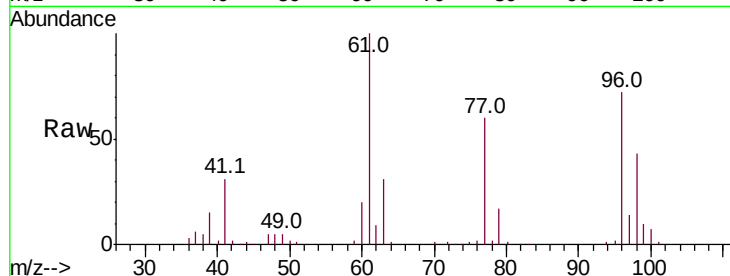


#27

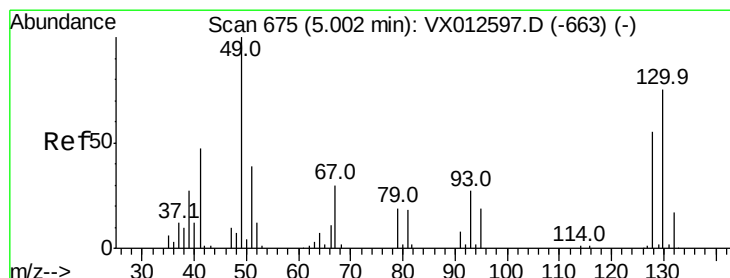
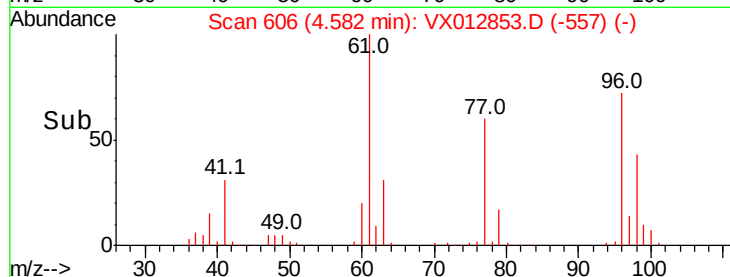
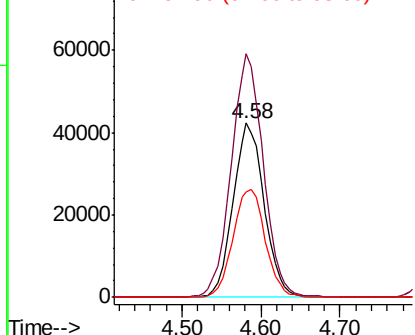
cis-1,2-Dichloroethene
Concen: 51.890 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion: 96 Resp: 115889
Ion Ratio Lower Upper
96 100
61 144.1 0.0 319.4
98 64.5 0.0 130.6



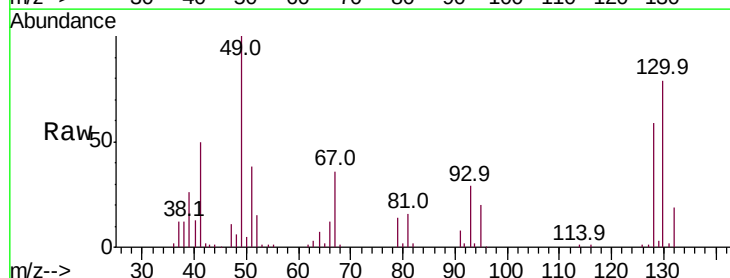
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



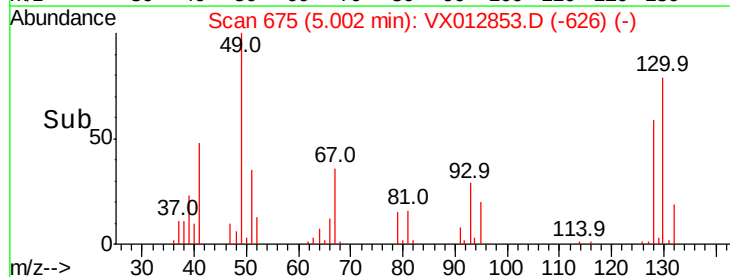
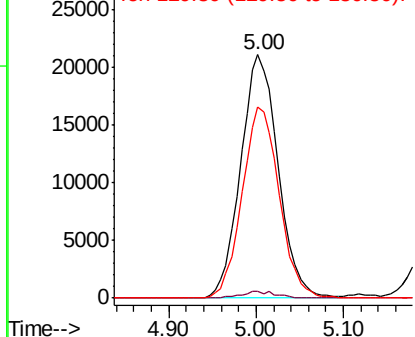
#28

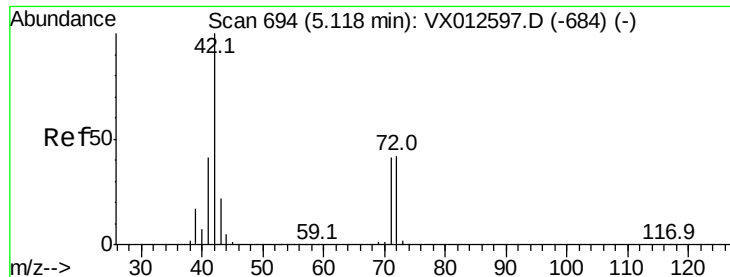
Bromochloromethane
Concen: 47.904 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 49 Resp: 62975
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.8
130 77.5 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 240.875 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

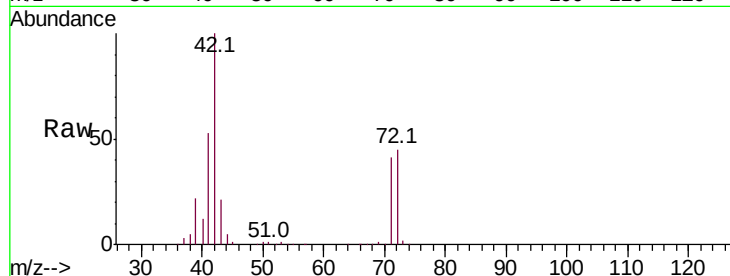
Tot Ion: 42 Resp: 262377

Ion Ratio Lower Upper

42 100

72 46.2 34.0 51.0

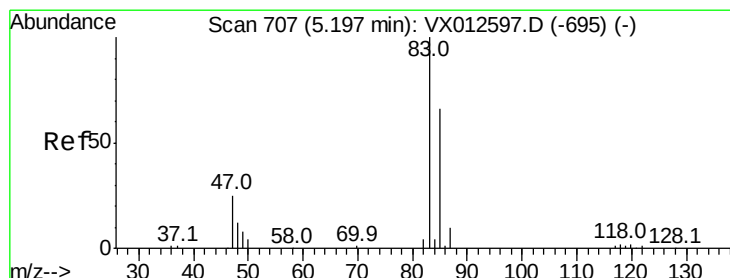
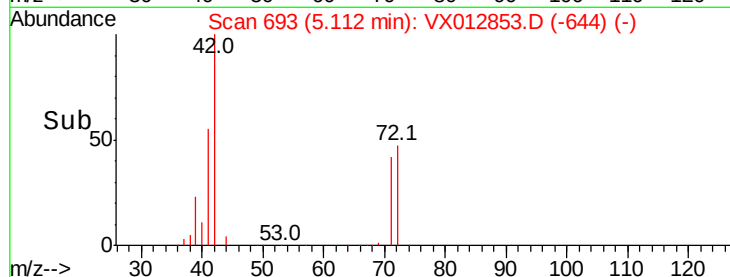
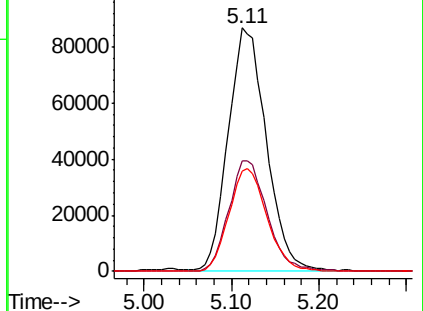
71 42.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.474 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012853.D

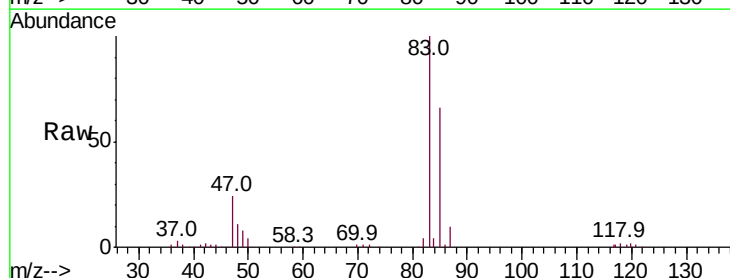
Acq: 07 Oct 2019 21:04

Tgt Ion: 83 Resp: 175846

Ion Ratio Lower Upper

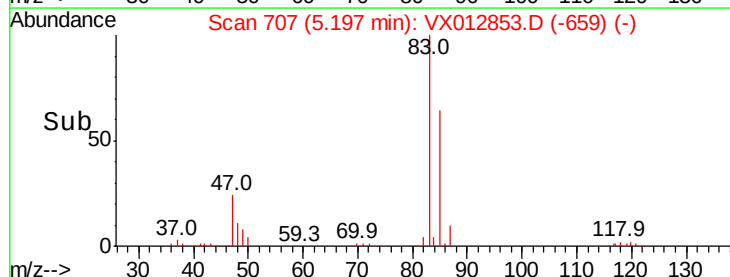
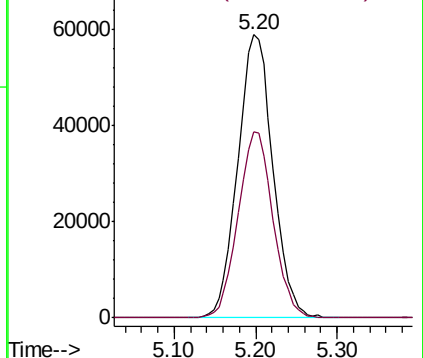
83 100

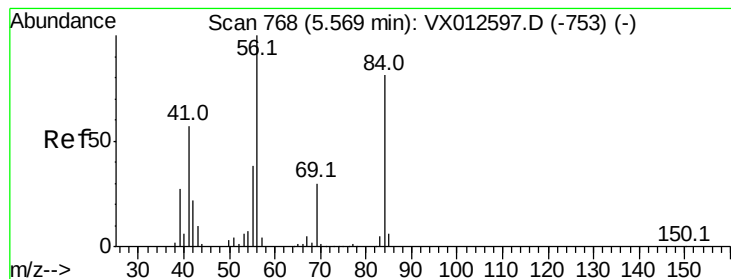
85 65.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.870 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

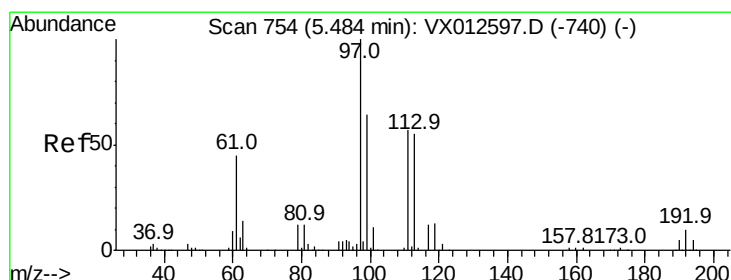
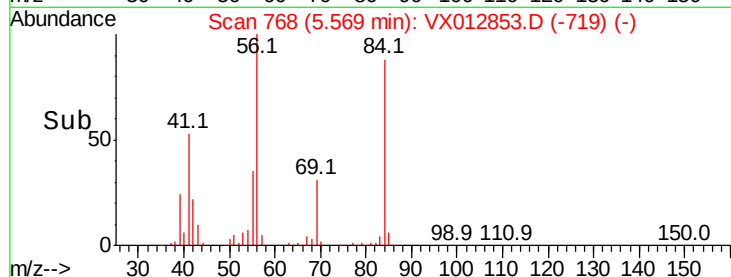
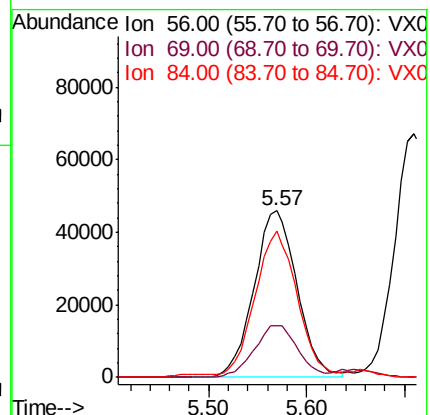
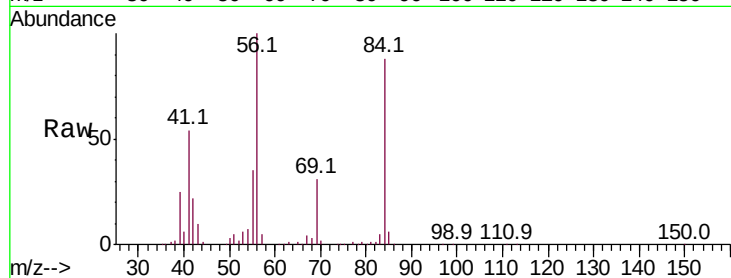
Tot Ion: 56 Resp: 140414

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.6

84 86.3 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 46.746 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

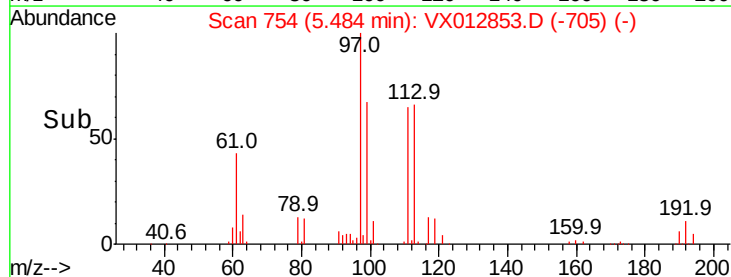
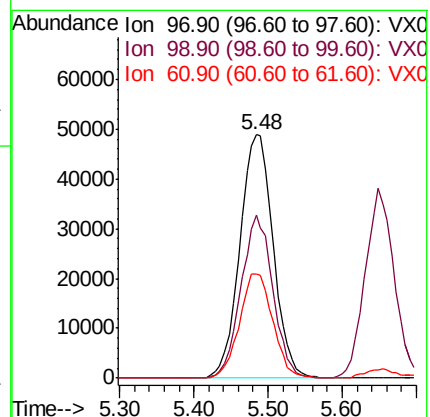
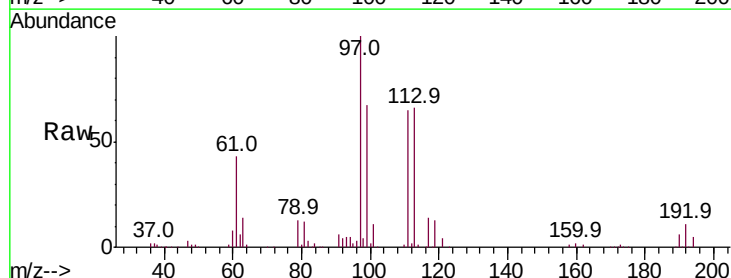
Tgt Ion: 97 Resp: 153460

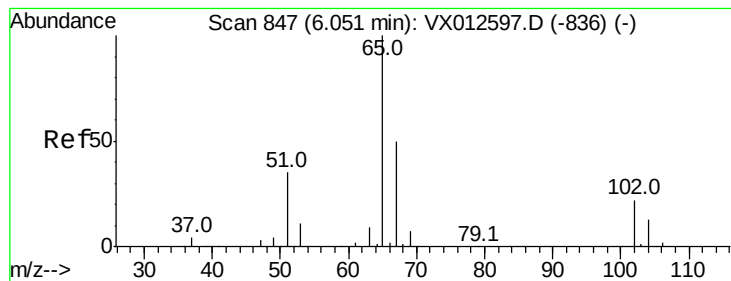
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 42.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.686 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

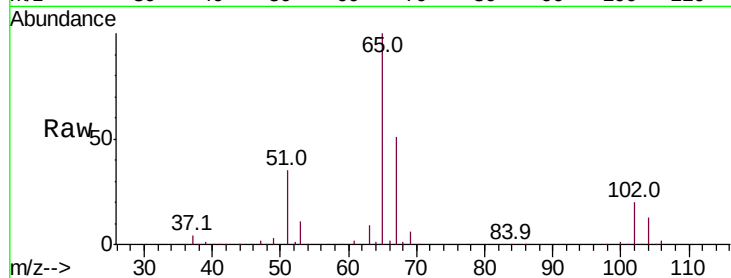
MW-103IMSD

Tot Ion: 65 Resp: 114562

Ion Ratio Lower Upper

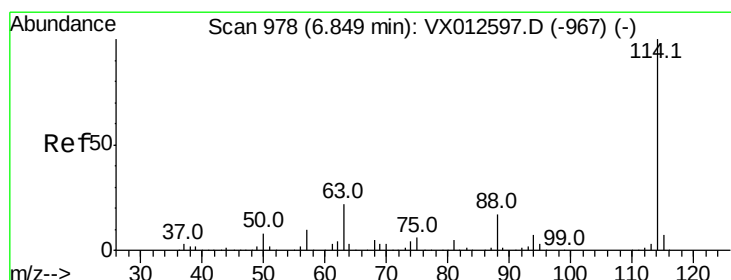
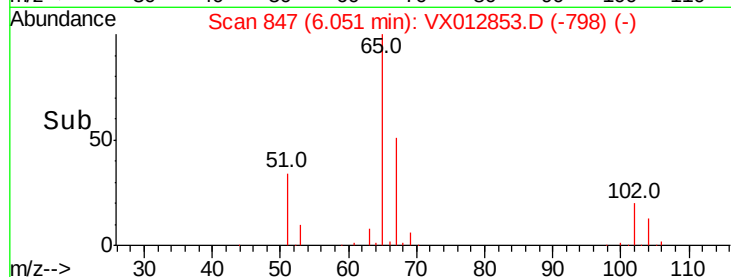
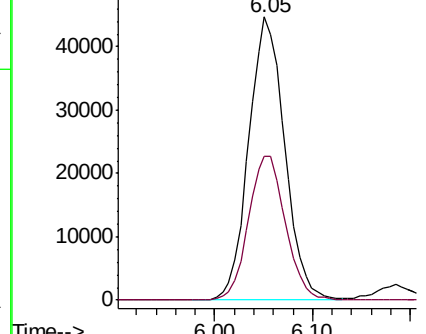
65 100

67 52.3 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

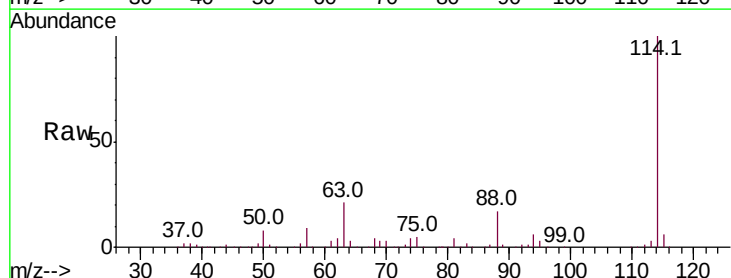
Tgt Ion: 114 Resp: 287389

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

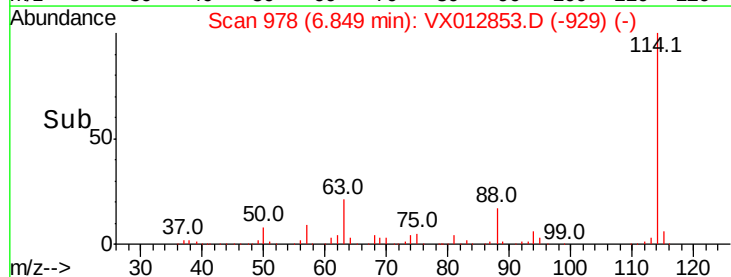
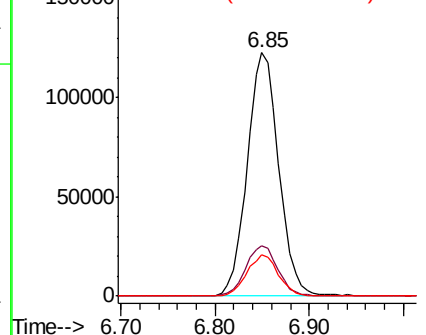
88 17.0 0.0 33.2

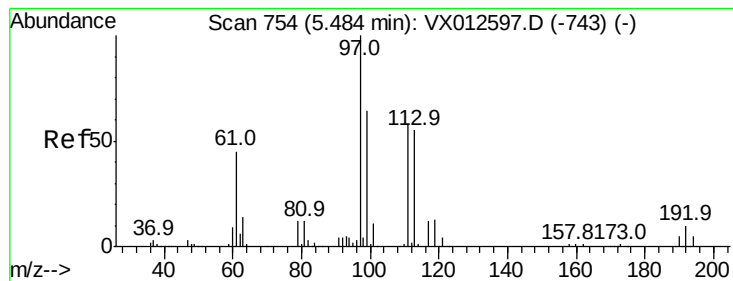


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.048 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

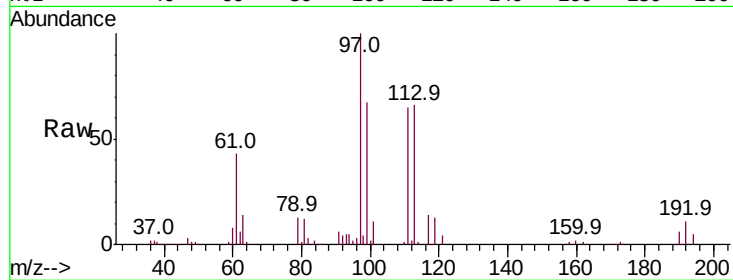
MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion:113 Resp: 90793

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	19.2	14.4	21.6

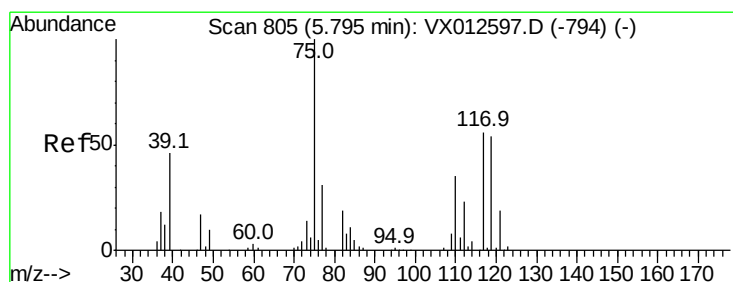
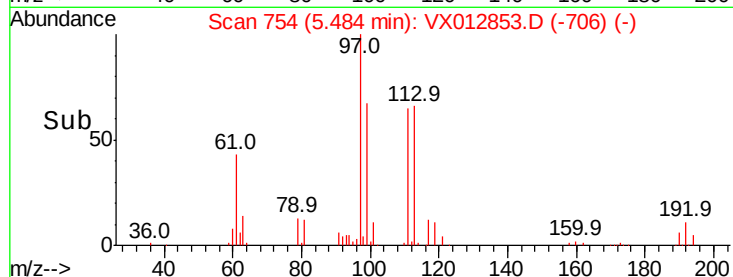
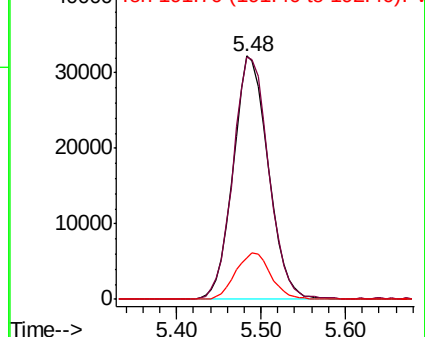


Abundance

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: 45.101 ug/l

RT: 5.79 min Scan# 804

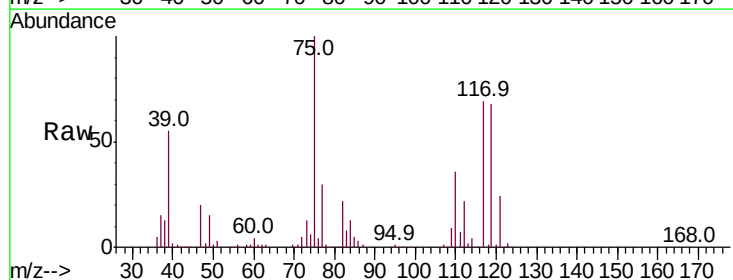
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion: 75 Resp: 124934

Ion	Ratio	Lower	Upper
75	100		
110	35.9	16.7	50.0
77	31.1	24.2	36.2

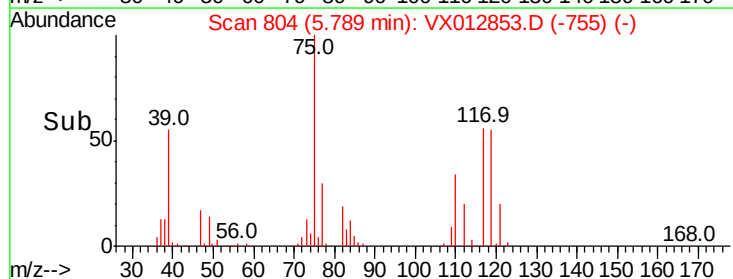
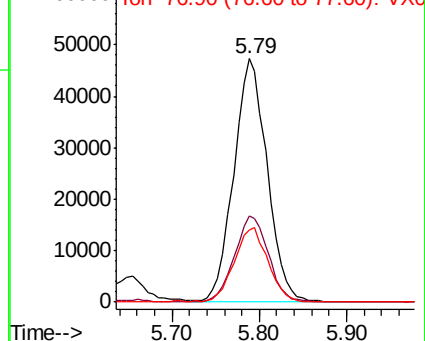


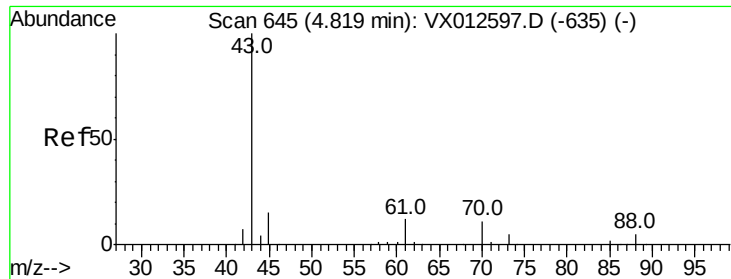
Abundance

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: 46.337 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

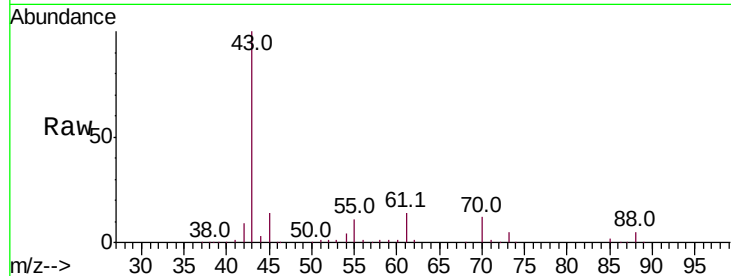
Tot Ion: 43 Resp: 150065

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.4

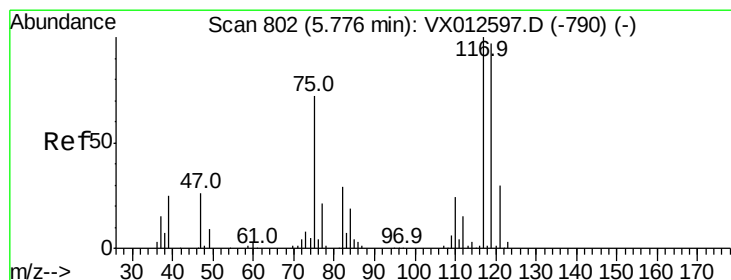
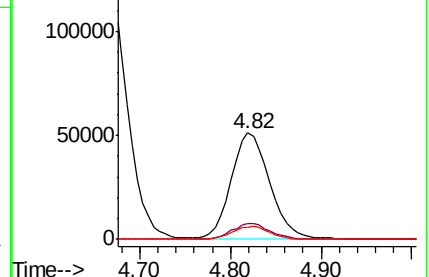
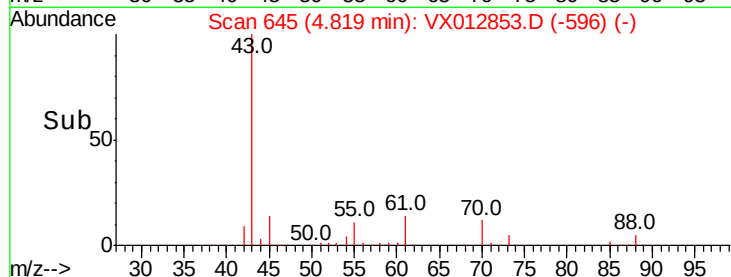
70 11.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.019 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

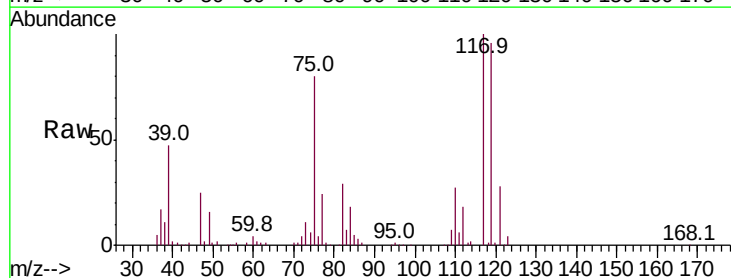
Tgt Ion: 117 Resp: 126681

Ion Ratio Lower Upper

117 100

119 96.3 75.7 113.5

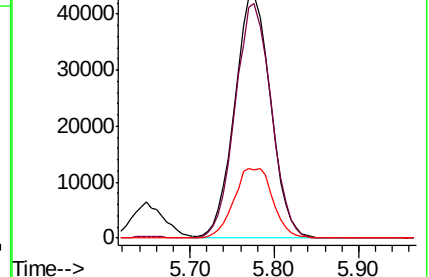
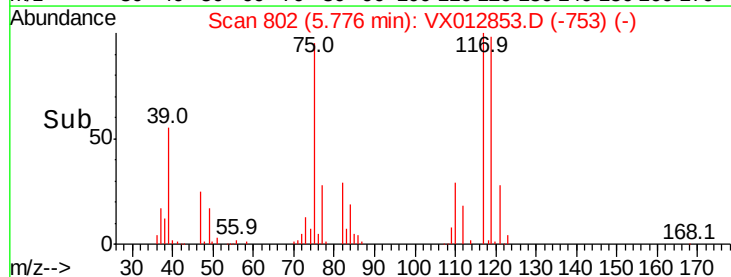
121 28.2 24.2 36.4

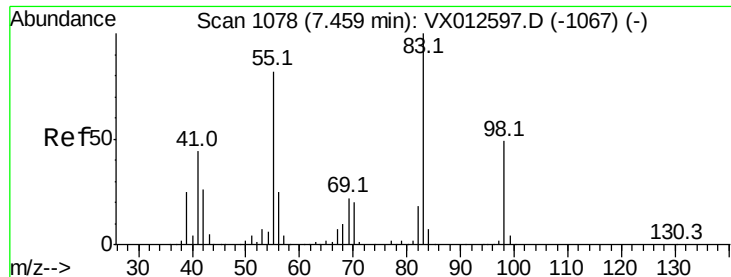


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

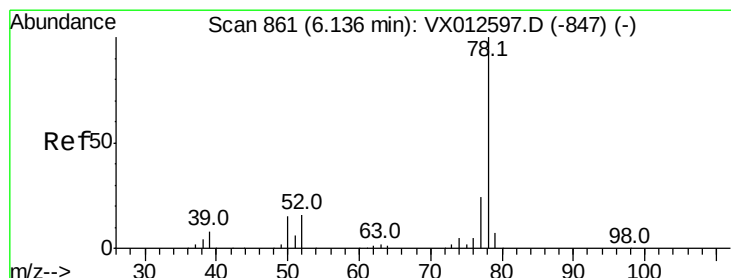
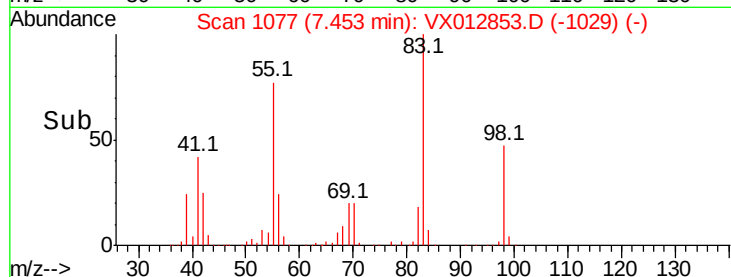
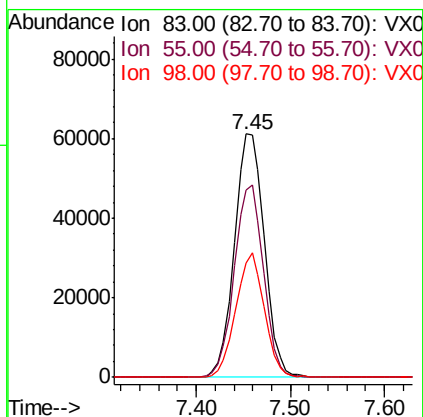
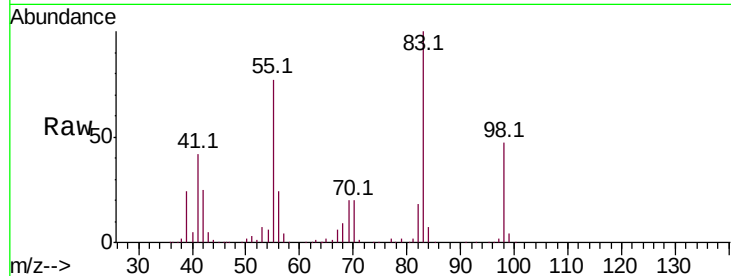




#39
Methylvlcyclohexane
Concen: 40.585 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

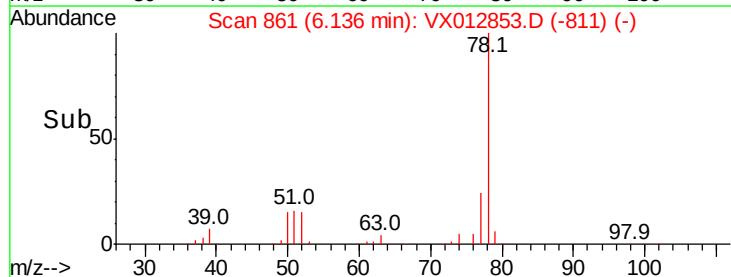
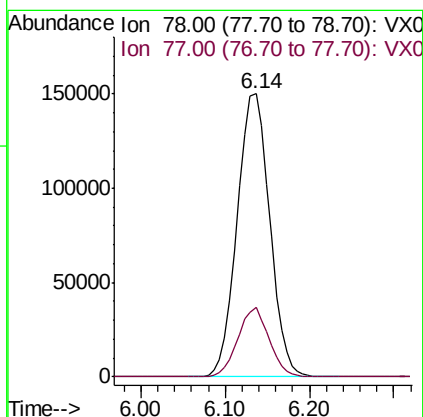
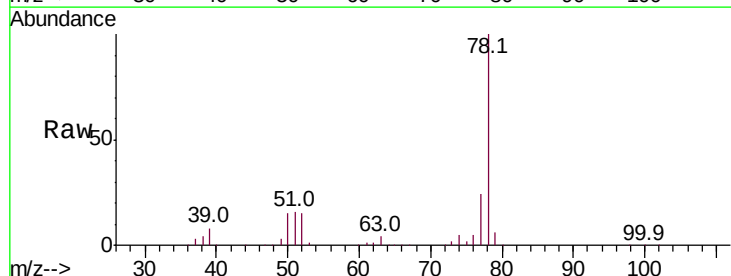
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

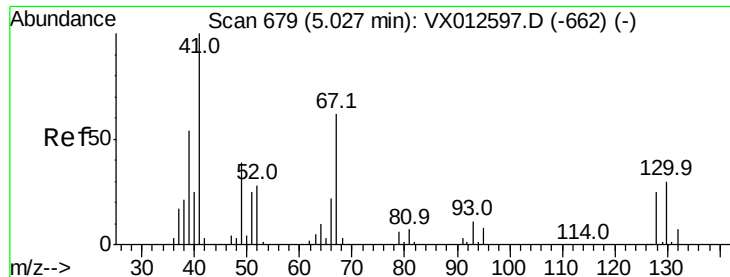
Tot Ion: 83 Resp: 135344
Ion Ratio Lower Upper
83 100
55 77.1 64.4 96.6
98 47.2 40.1 60.1



#40
Benzene
Concen: 48.263 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 78 Resp: 393369
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8

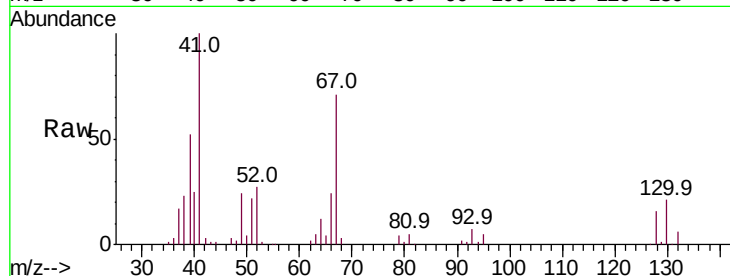




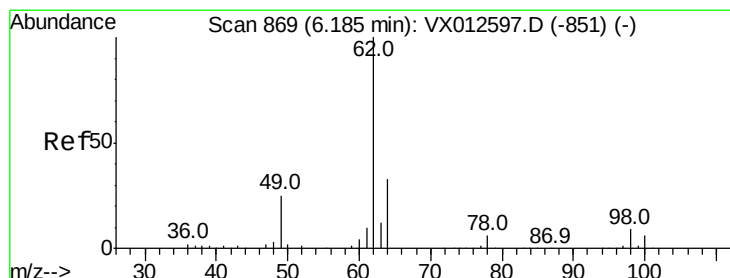
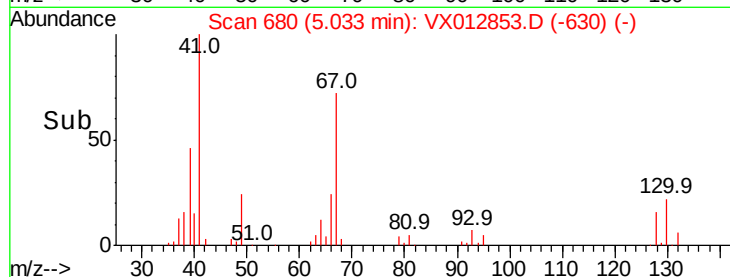
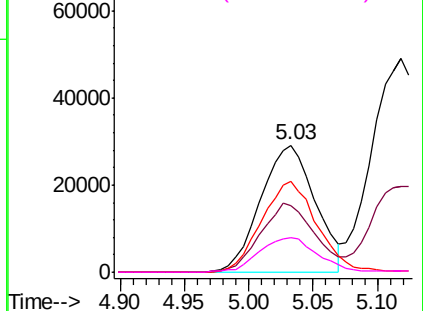
#41
Methacrylonitrile
Concen: 47.137 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion:	41	Resp:	85650
Ion	Ratio	Lower	Upper
41	100		
39	55.1	46.0	69.0
67	73.3	52.2	78.2
52	29.8	22.7	34.1

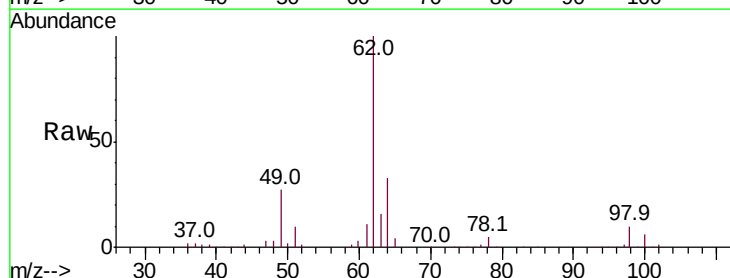


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

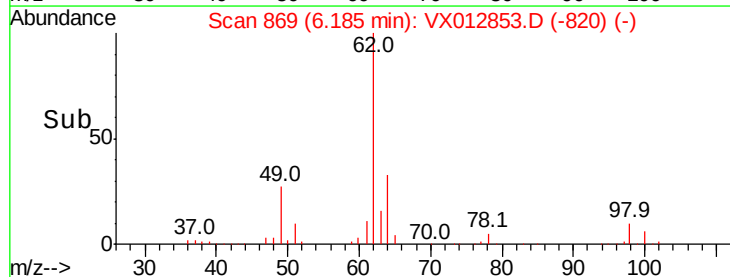
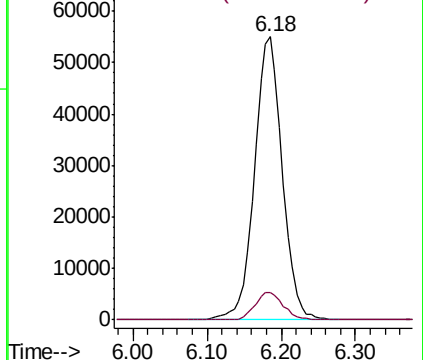


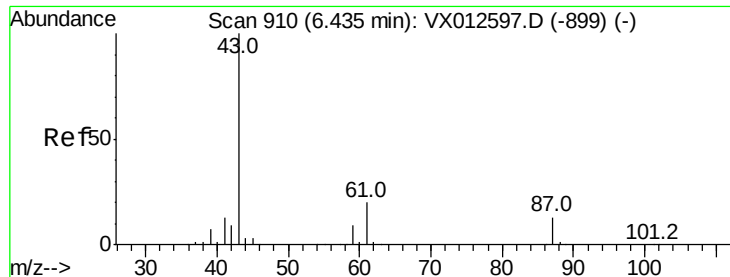
#42
1,2-Dichloroethane
Concen: 46.435 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:	62	Resp:	143719
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.8



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



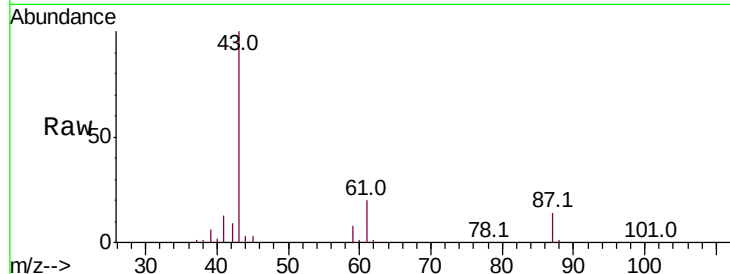


#43

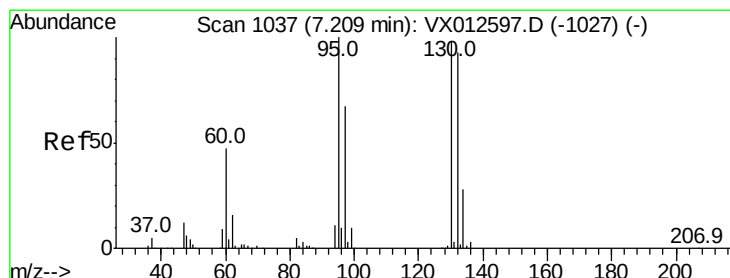
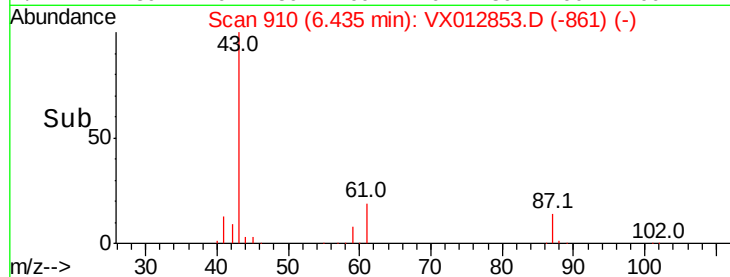
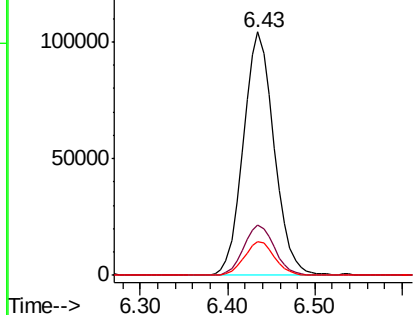
Isopropyl Acetate
 Concen: 46.739 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	20.9	15.4	23.0	
87	13.9	9.8	14.8	



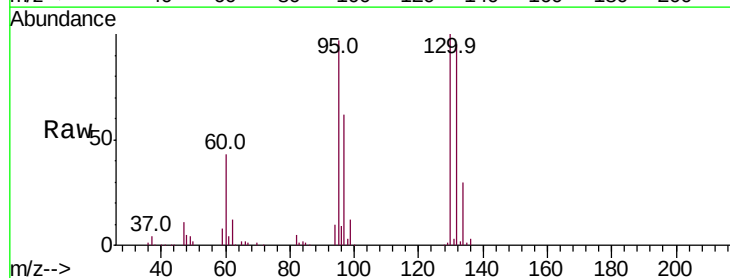
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



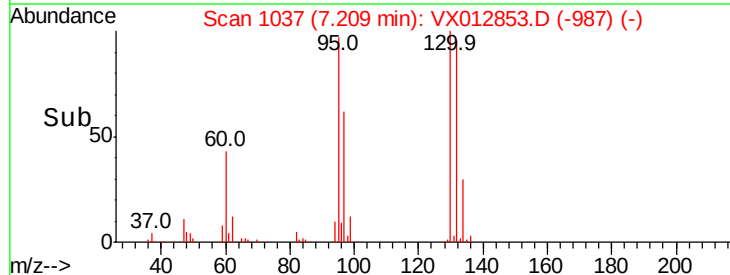
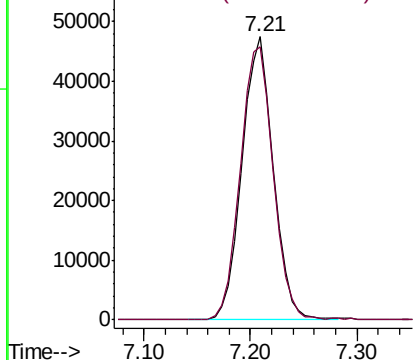
#44

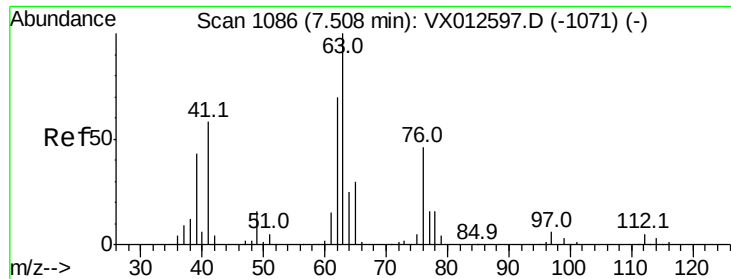
Trichloroethene
 Concen: 47.028 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	130	Ratio	Lower	Upper
130	100			
95	96.7	0.0	193.0	



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

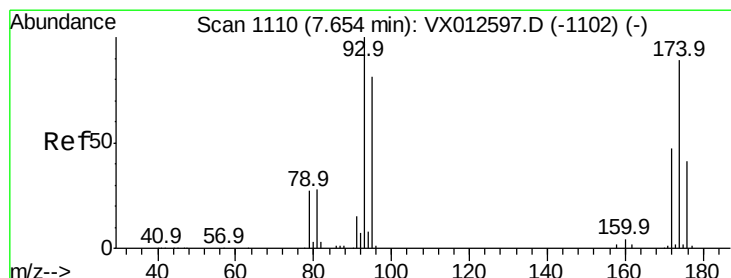
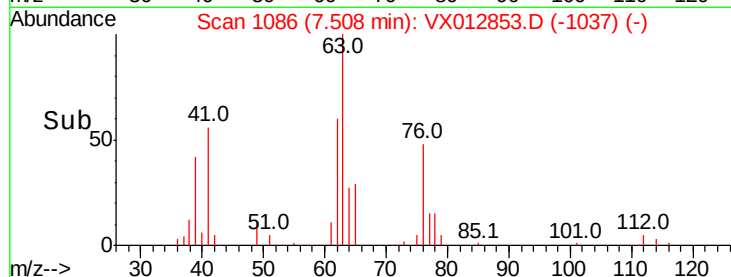
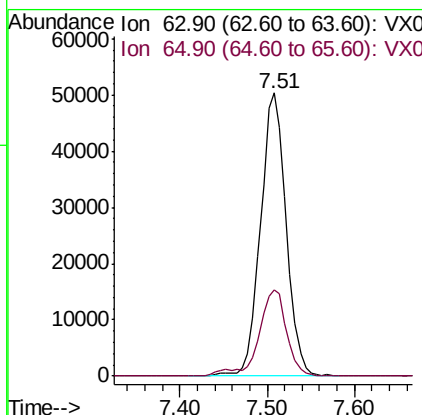
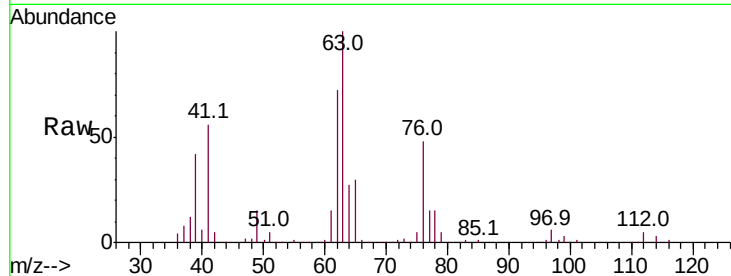




#45
 1,2-Dichloropropane
 Concen: 49.626 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

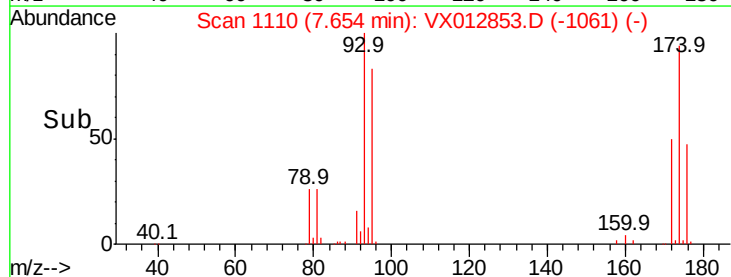
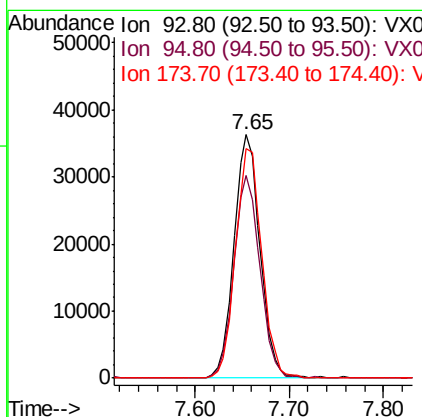
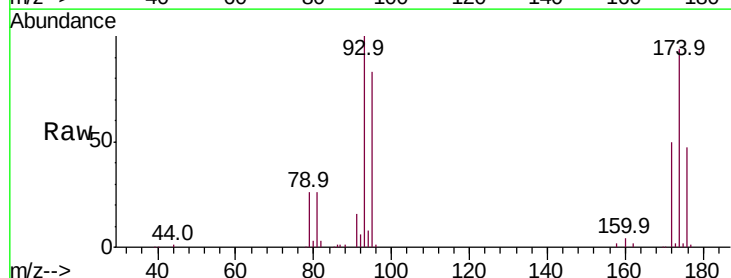
Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMSD

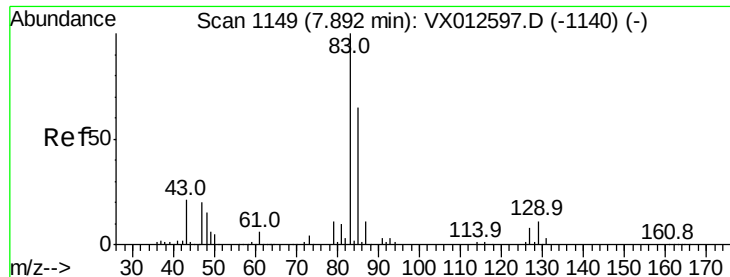
Tot Ion: 63 Resp: 103556
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 48.771 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 93 Resp: 69291
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 95.3 77.4 116.0





#47

Bromodichloromethane

Concen: 49.105 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

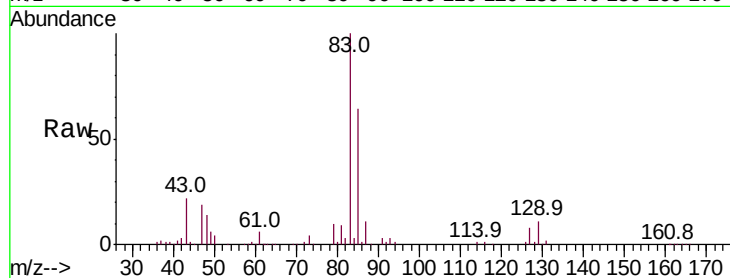
Tot Ion: 83 Resp: 139436

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

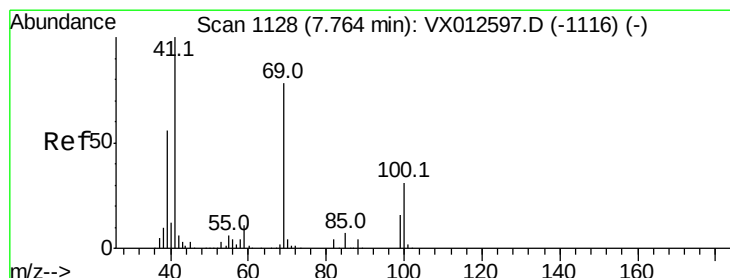
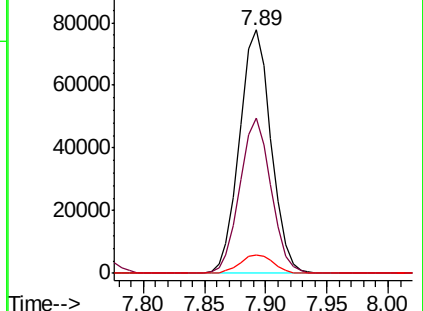
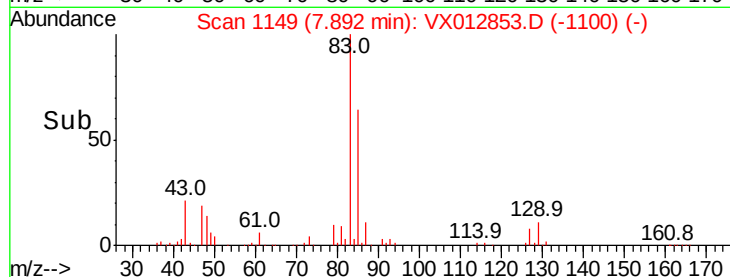
127 7.7 7.3 10.9



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: 48.329 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

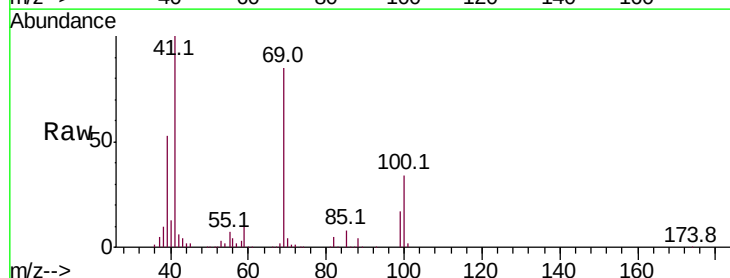
Tgt Ion: 41 Resp: 125505

Ion Ratio Lower Upper

41 100

69 83.1 59.9 89.9

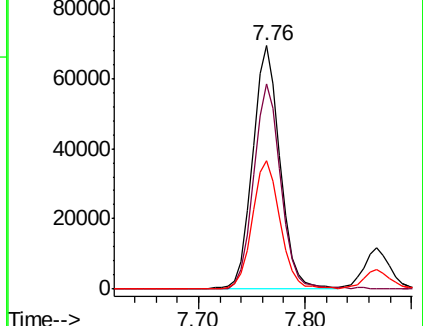
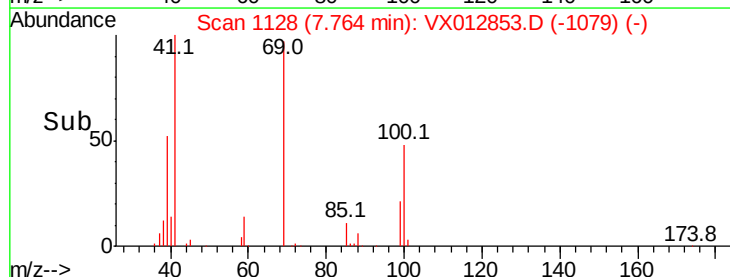
39 53.6 47.8 71.6

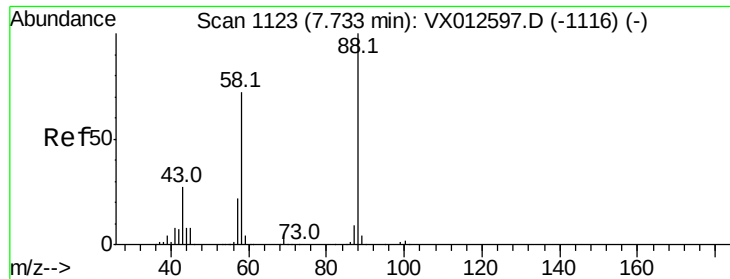


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

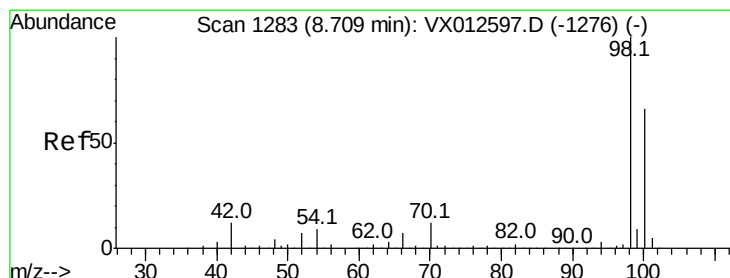
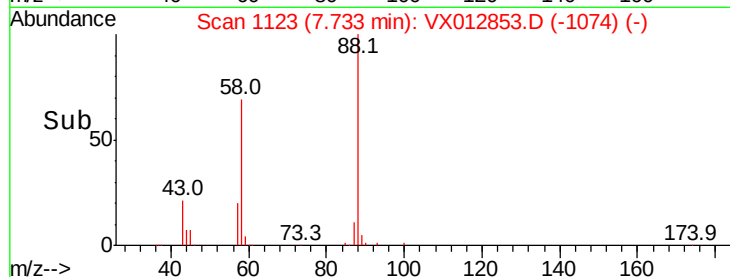
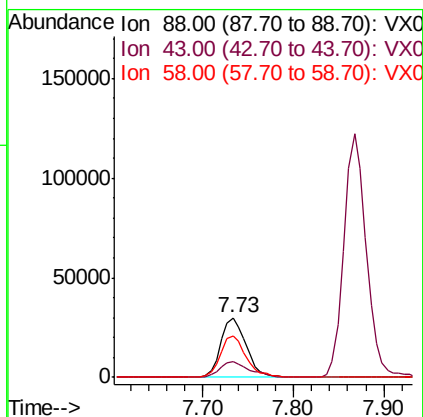
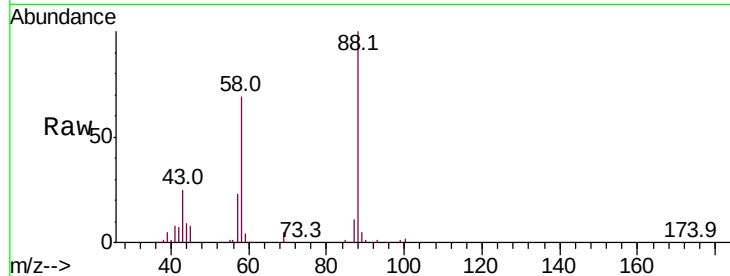




#49
1,4-Dioxane
Concen: 993.038 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

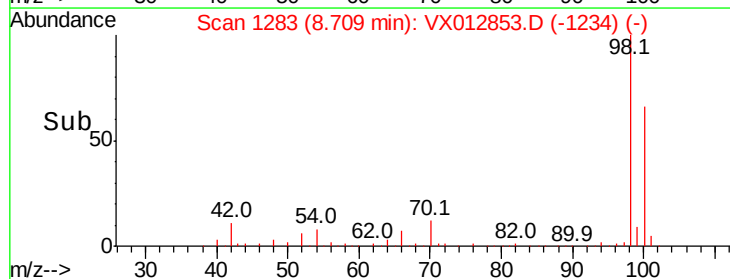
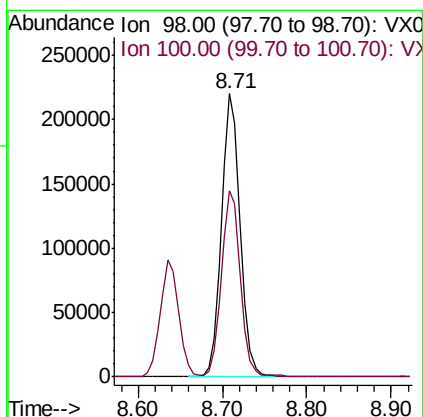
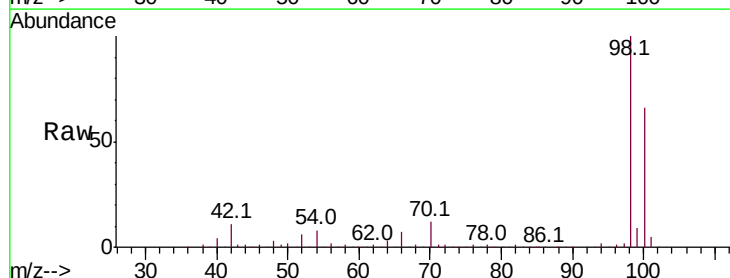
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

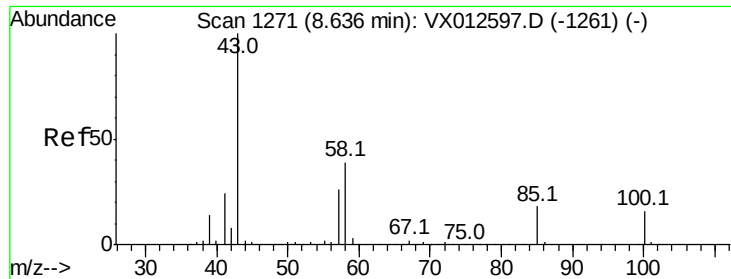
Tot Ion: 88 Resp: 58492
Ion Ratio Lower Upper
88 100
43 30.8 29.4 44.0
58 69.8 57.5 86.3



#50
Toluene-d8
Concen: 51.125 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 98 Resp: 336977
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 243.810 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

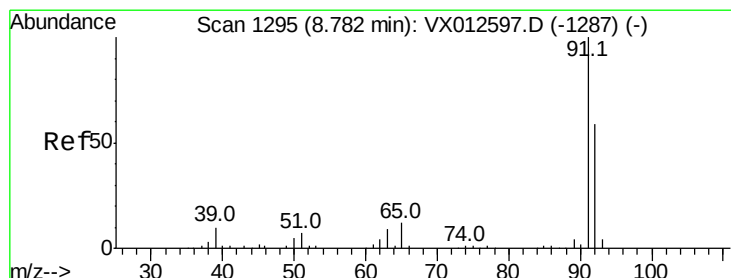
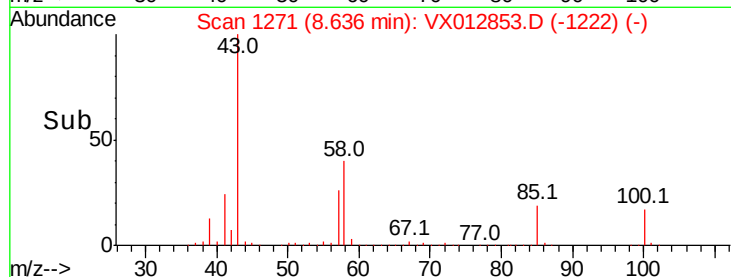
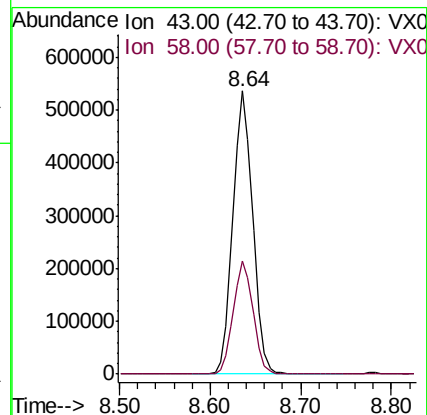
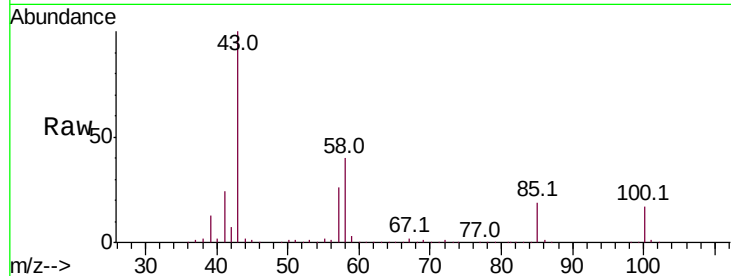
MW-103IMSD

Tot Ion: 43 Resp: 815089

Ion Ratio Lower Upper

43 100

58 39.9 29.8 44.6



#52

Toluene

Concen: 49.056 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012853.D

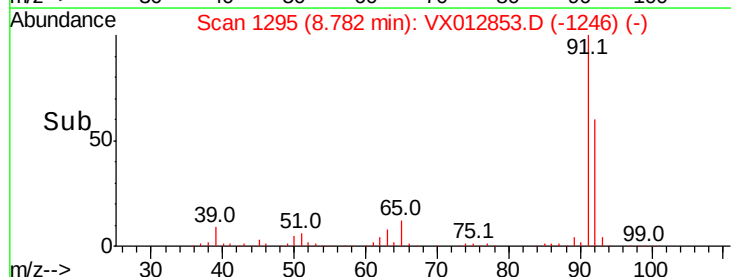
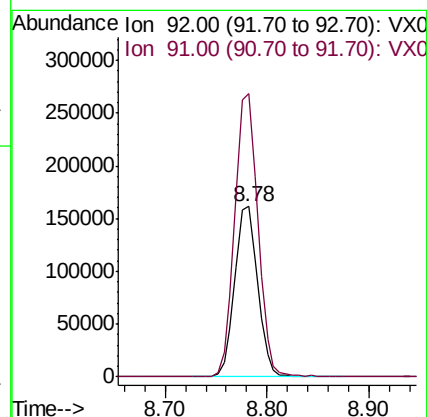
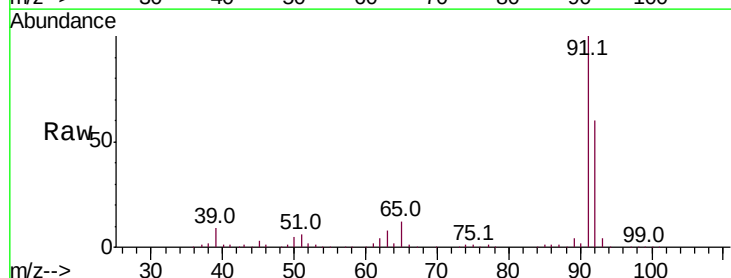
Acq: 07 Oct 2019 21:04

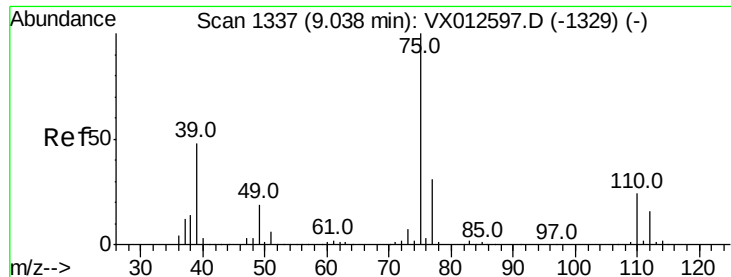
Tgt Ion: 92 Resp: 251294

Ion Ratio Lower Upper

92 100

91 167.1 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 48.819 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

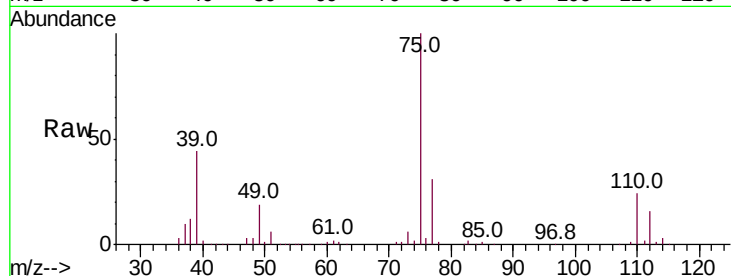
MW-103IMSD

Tot Ion: 75 Resp: 153375

Ion Ratio Lower Upper

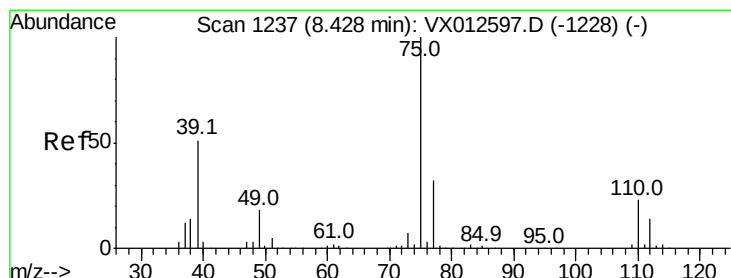
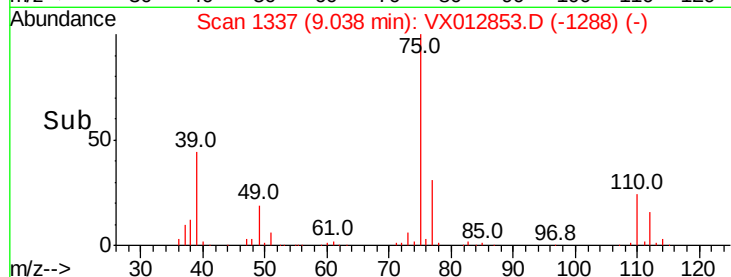
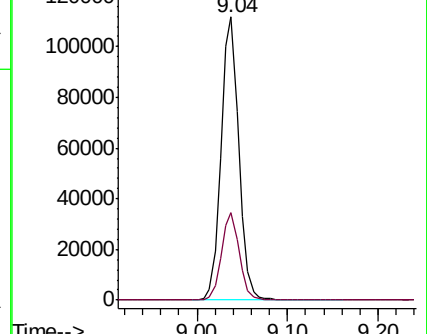
75 100

77 30.9 25.2 37.8



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: 48.512 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

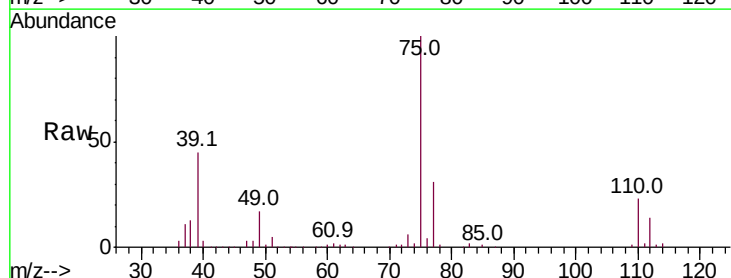
Tgt Ion: 75 Resp: 166408

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

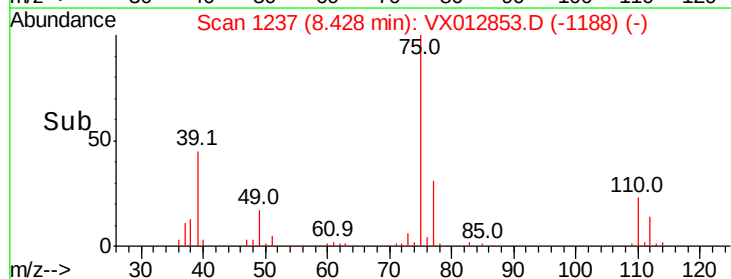
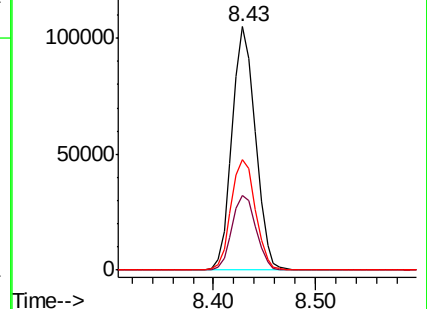
39 45.3 45.5 68.3#

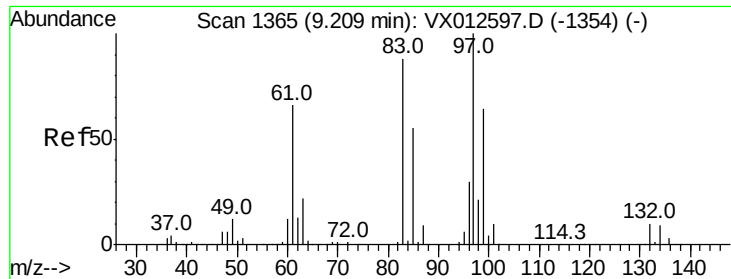


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

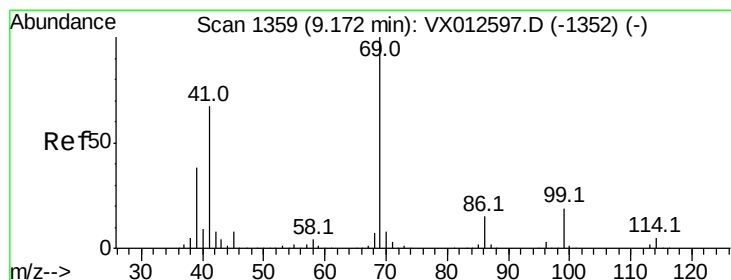
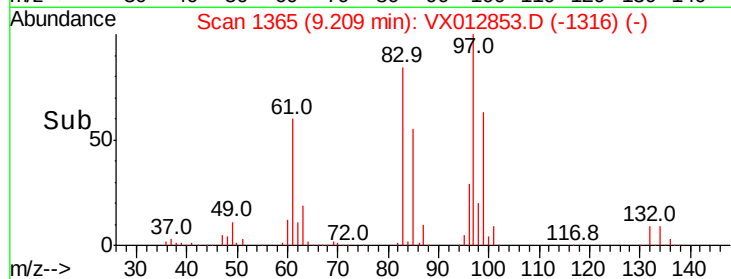
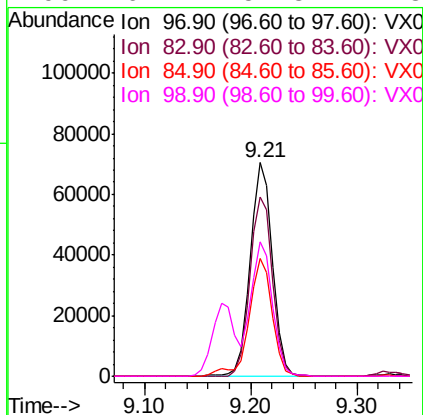
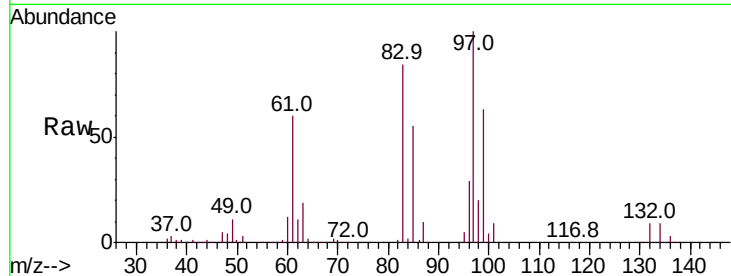




#55
 1,1,2-Trichloroethane
 Concen: 50.762 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

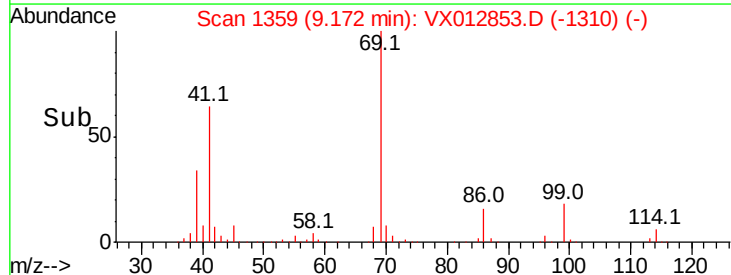
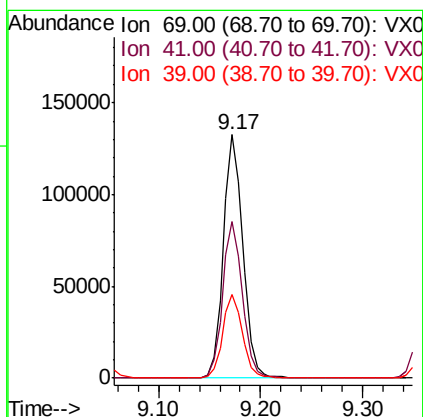
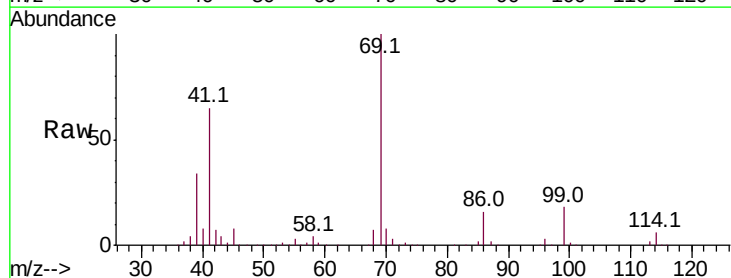
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

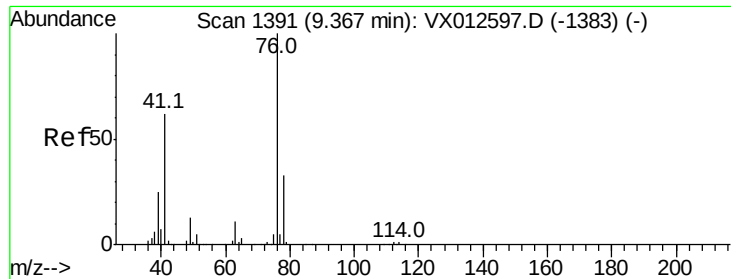
Tot Ion:	97	Resp:	103383
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	55.4	43.5	65.3
99	62.7	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 51.766 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion:	69	Resp:	177118
Ion	Ratio	Lower	Upper
69	100		
41	65.0	58.4	87.6
39	34.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 49.791 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

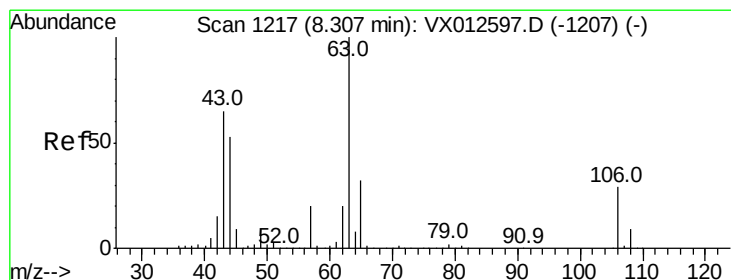
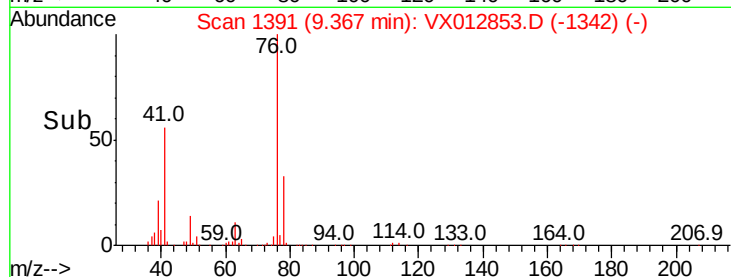
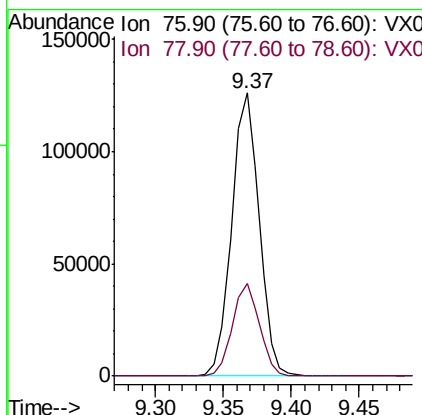
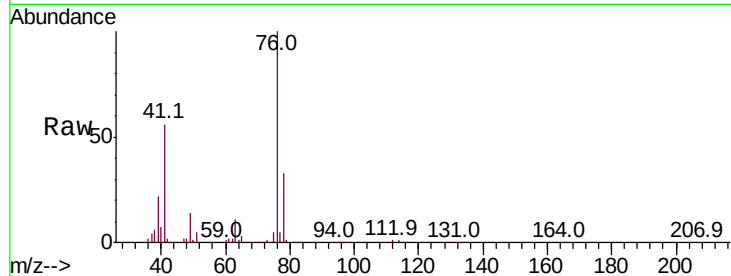
Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion: 76 Resp: 177476

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.677 ug/l

RT: 8.43 min Scan# 1237

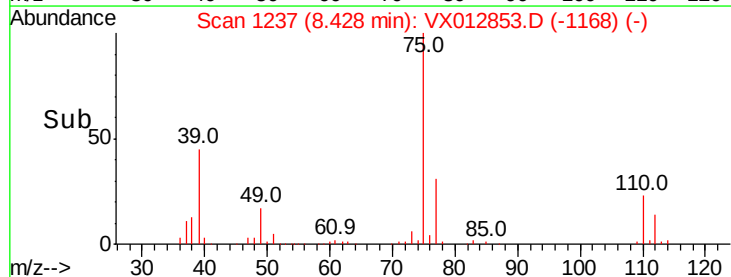
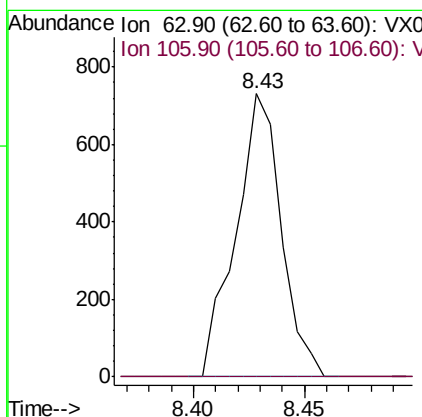
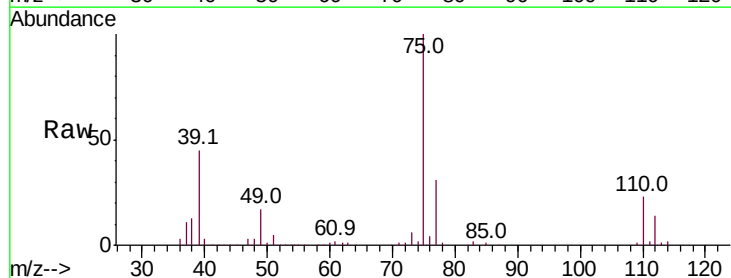
Delta R.T. 0.12 min

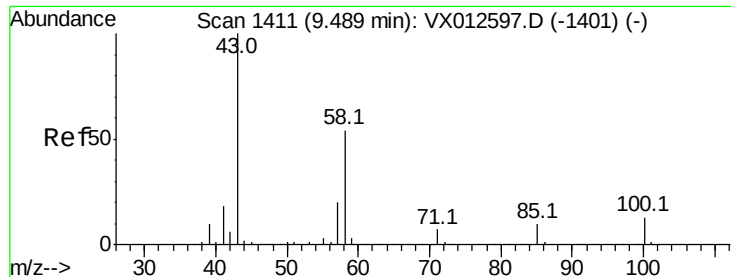
Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion: 63 Resp: 1039

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.8	35.6#

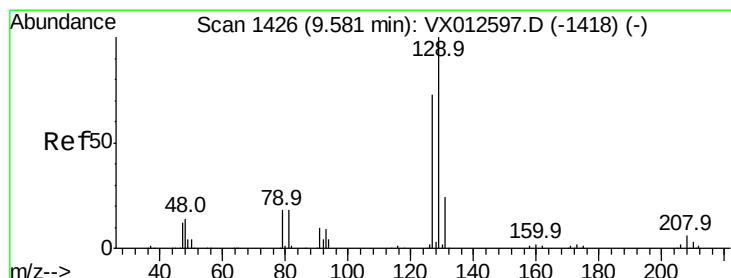
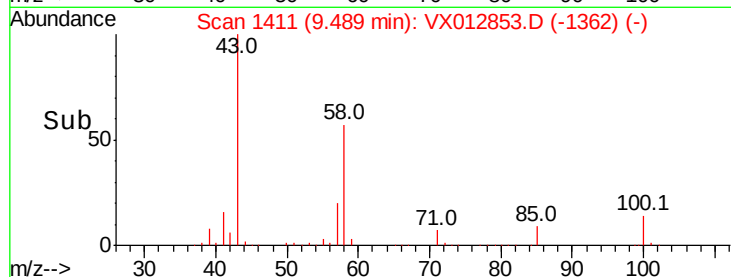
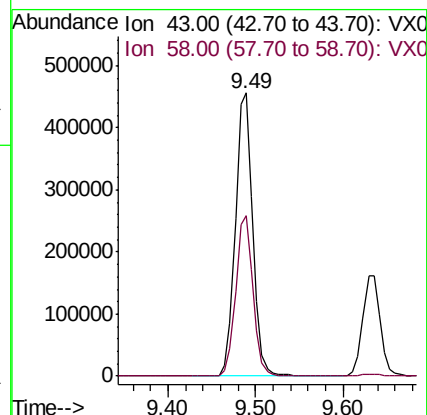
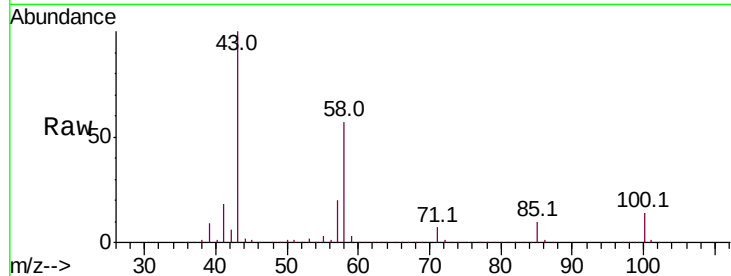




#59
2-Hexanone
Concen: 247.389 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

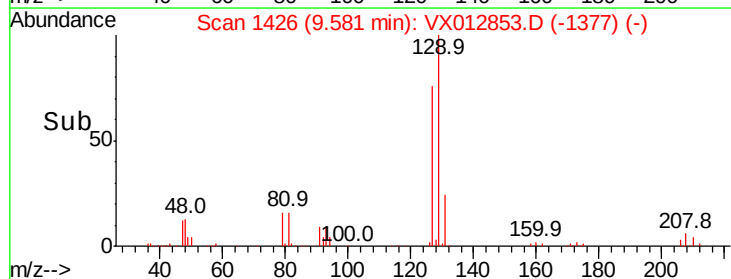
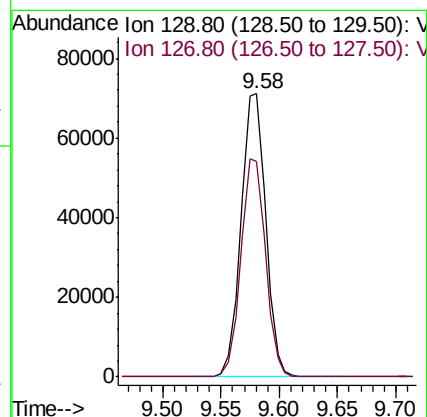
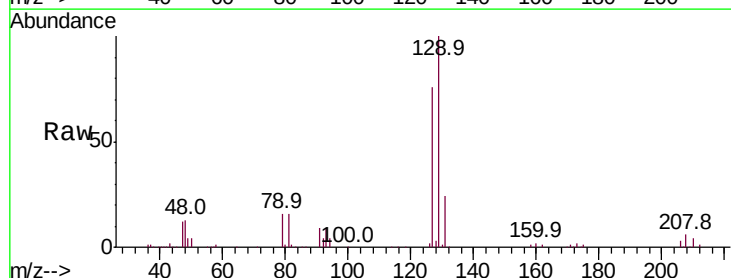
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

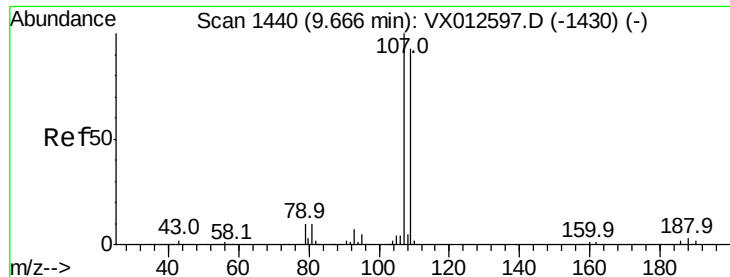
Tot Ion: 43 Resp: 633060
Ion Ratio Lower Upper
43 100
58 56.4 25.7 77.1



#60
Dibromochloromethane
Concen: 51.187 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 129 Resp: 105530
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

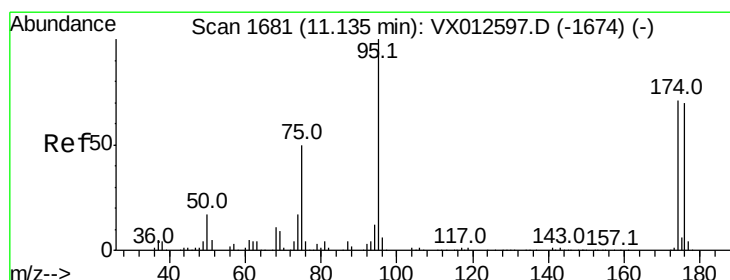
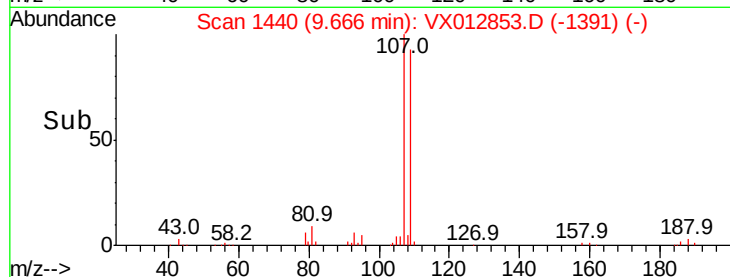
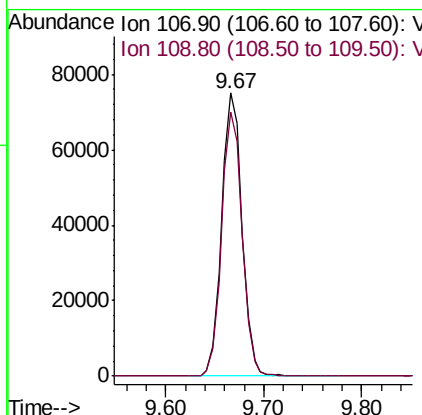
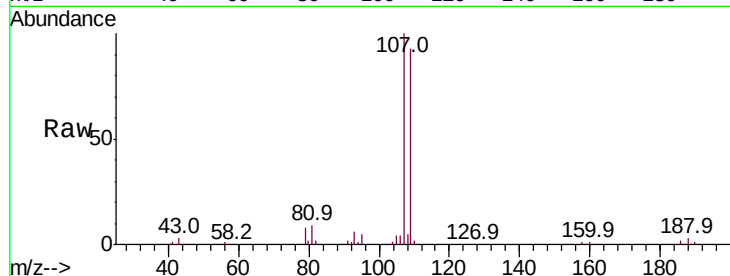




#61
 1,2-Dibromoethane
 Concen: 51.075 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

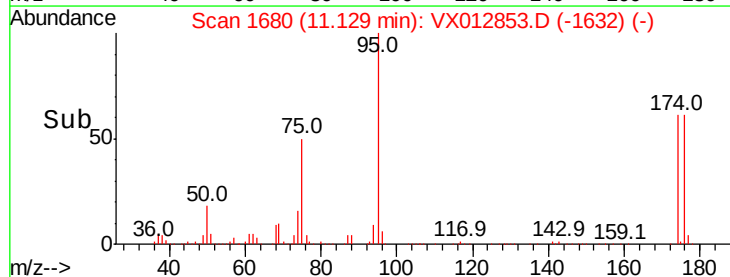
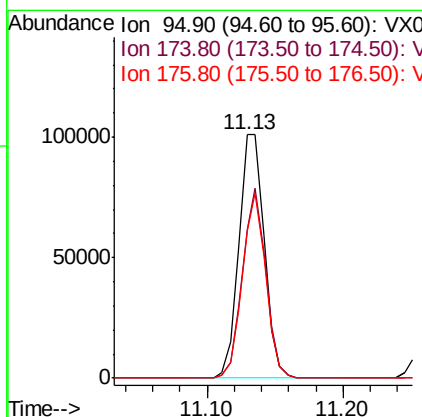
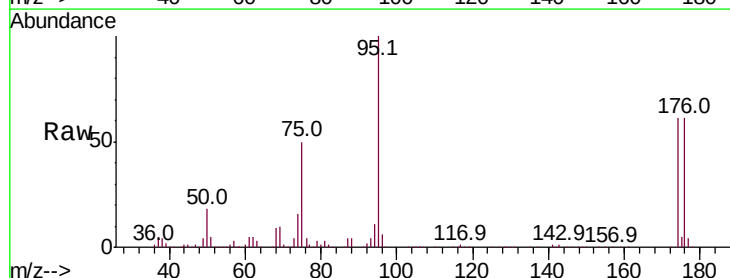
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

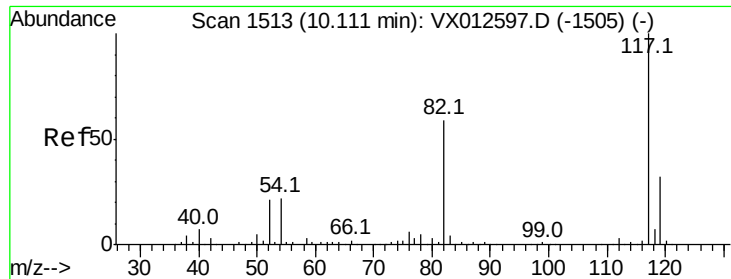
Tot Ion:107 Resp: 108257
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.651 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 95 Resp: 131272
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 140.0
 176 69.7 0.0 135.4

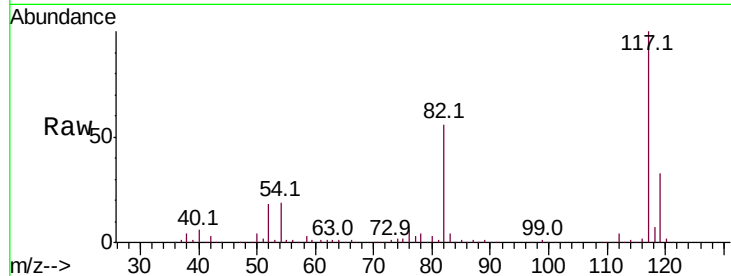




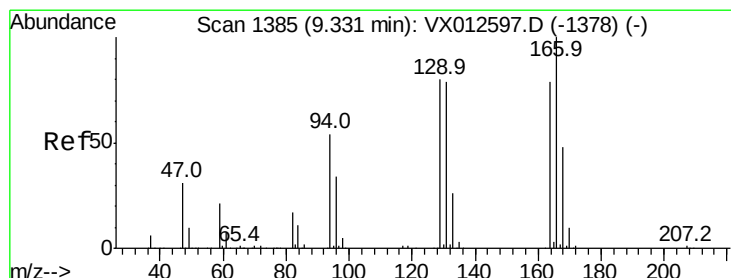
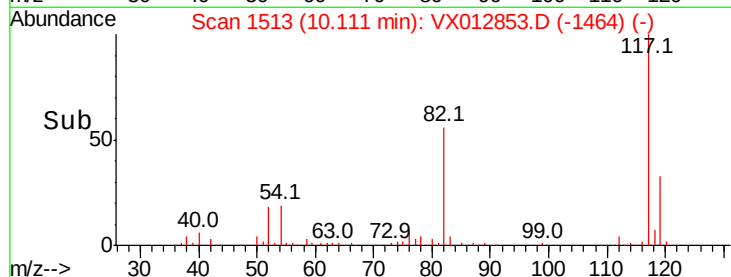
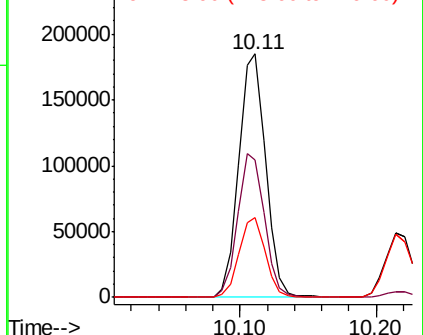
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion:117 Resp: 255931
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 32.8 25.3 37.9

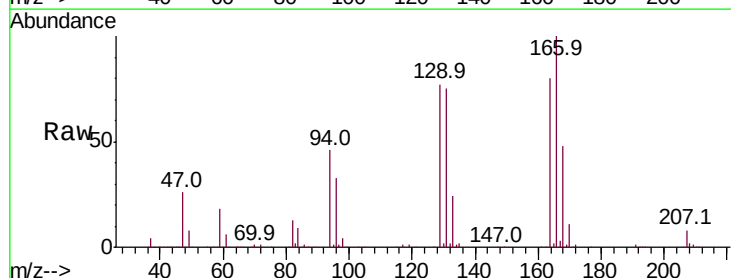


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

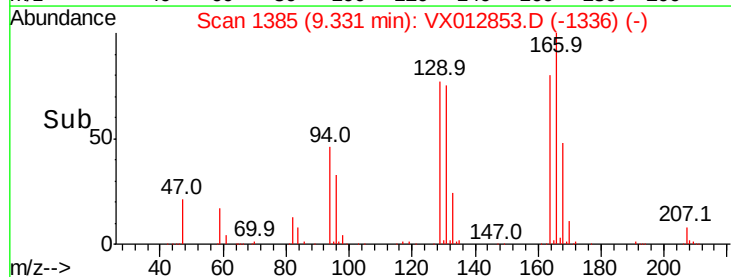
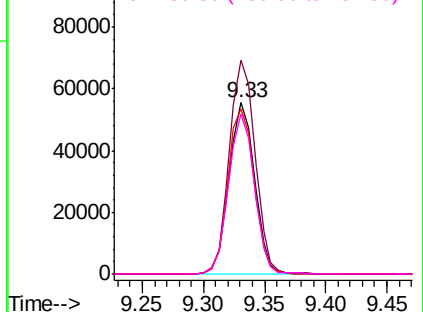


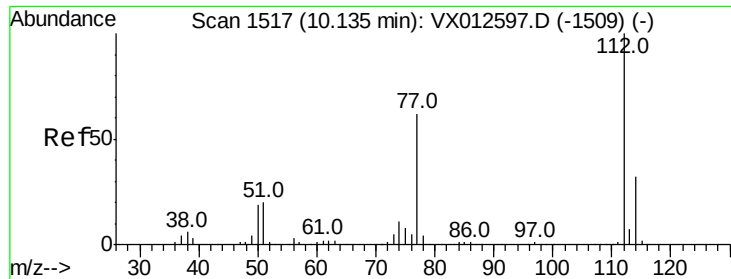
#64
Tetrachloroethene
Concen: 44.918 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:164 Resp: 80152
Ion Ratio Lower Upper
164 100
166 124.7 107.8 161.6
129 96.4 86.2 129.2
131 93.6 80.4 120.6



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: 49.572 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

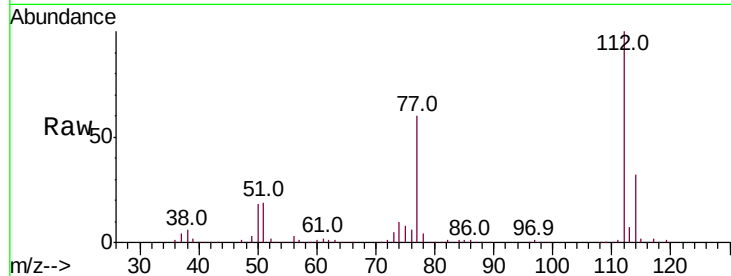
MW-103IMSD

Tot Ion:112 Resp: 267164

Ion Ratio Lower Upper

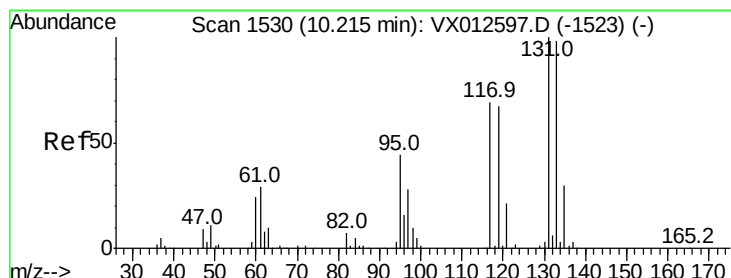
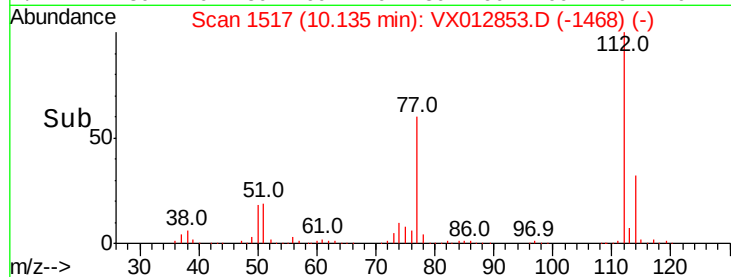
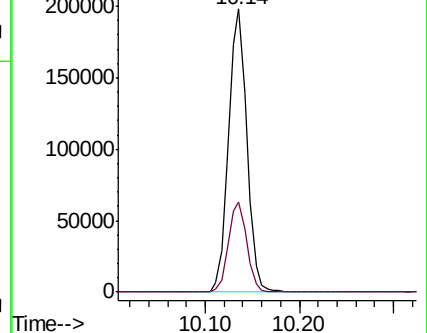
112 100

114 31.6 25.4 38.0



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: 51.383 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

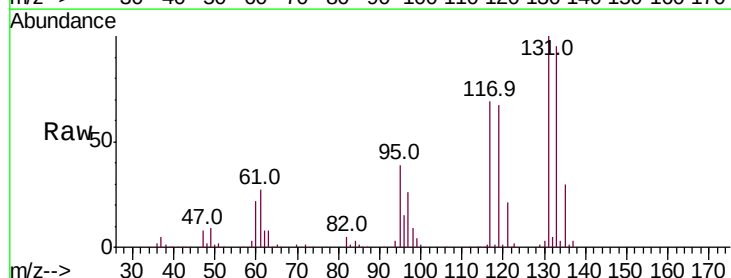
Tgt Ion:131 Resp: 100335

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.9

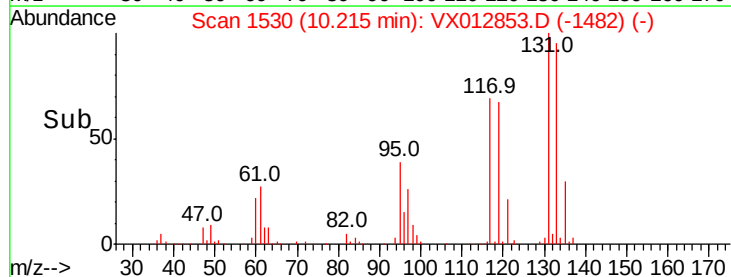
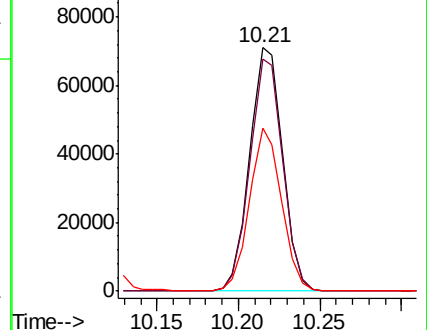
119 64.8 31.3 93.8

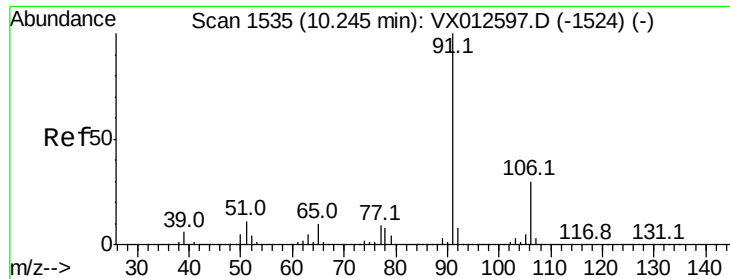


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

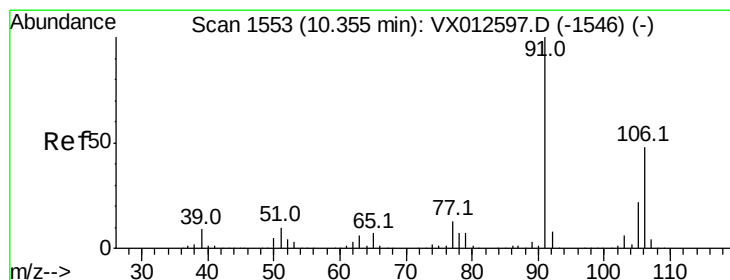
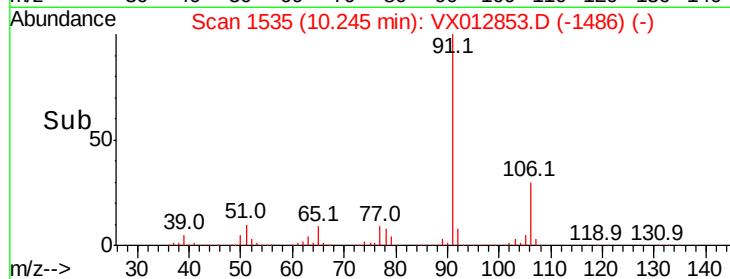
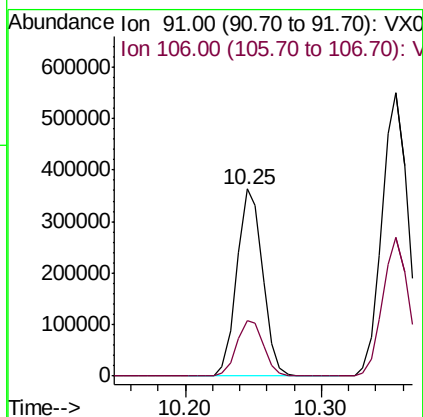
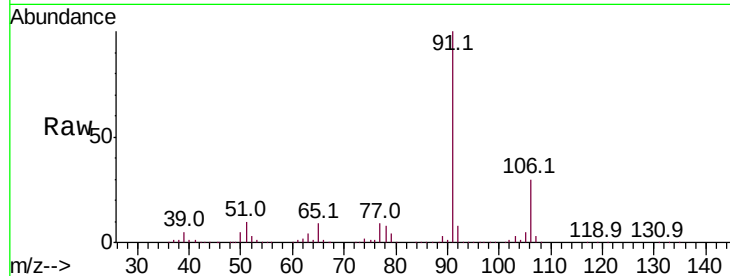




#67
Ethyl Benzene
Concen: 49.106 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

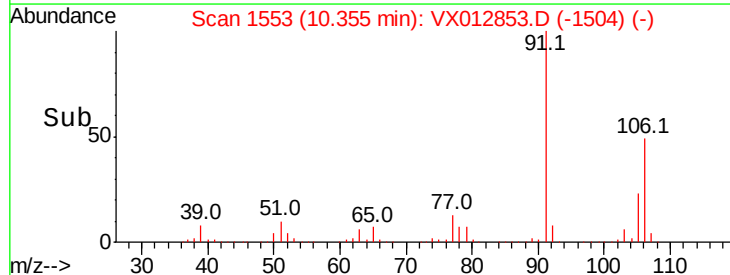
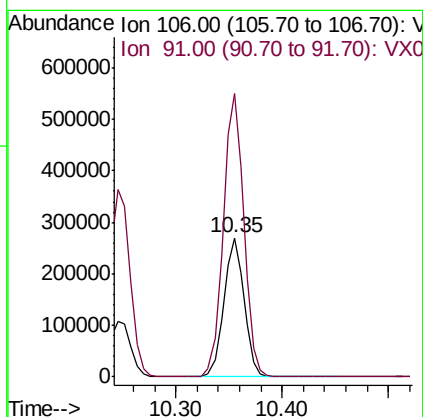
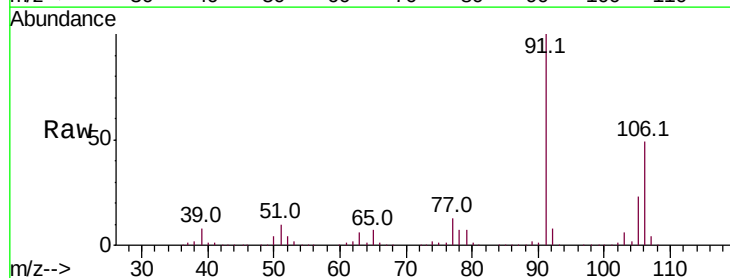
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

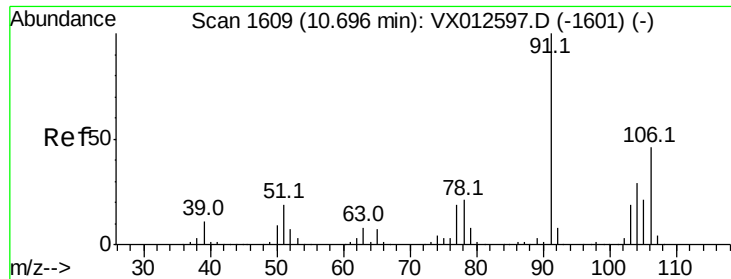
Tot Ion: 91 Resp: 480005
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



#68
m/p-Xylenes
Concen: 97.984 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 106 Resp: 358786
Ion Ratio Lower Upper
106 100
91 206.3 166.6 250.0

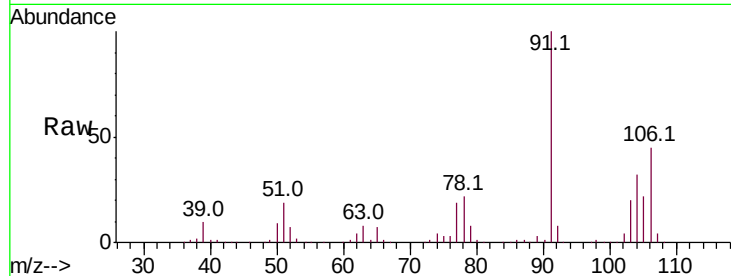




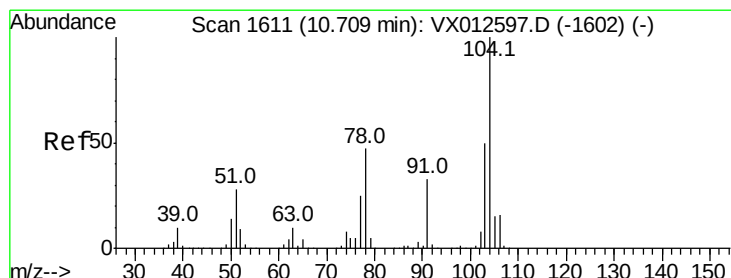
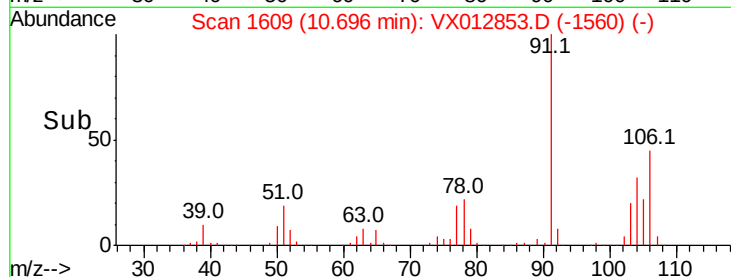
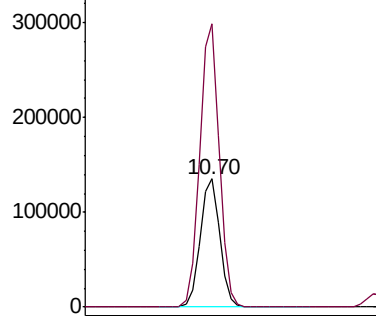
#69
o-Xylene
Concen: 49.285 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion:106 Resp: 174622
Ion Ratio Lower Upper
106 100
91 220.2 109.4 328.2

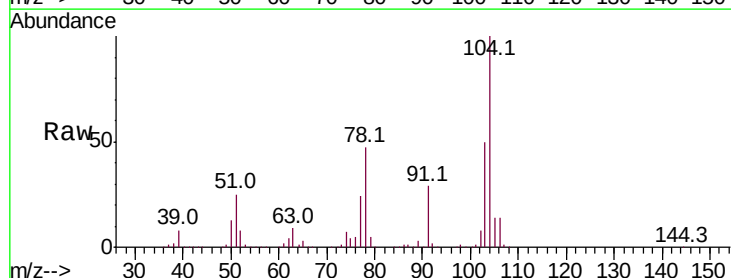


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

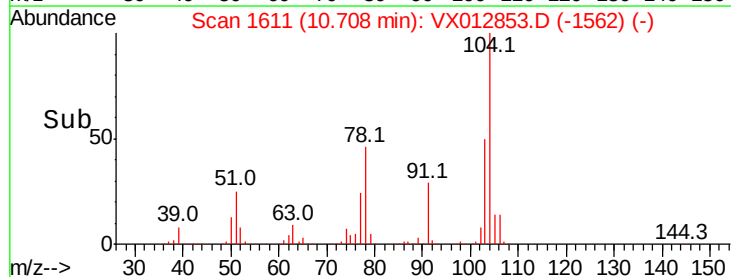
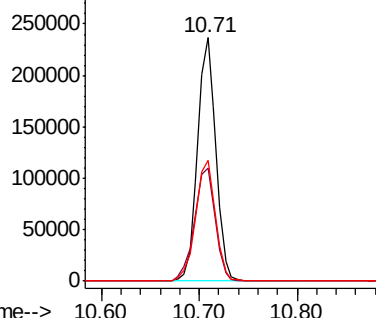


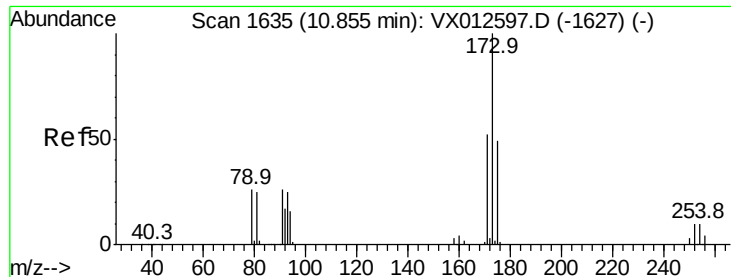
#70
Styrene
Concen: 51.828 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:104 Resp: 307849
Ion Ratio Lower Upper
104 100
78 52.8 43.4 65.2
103 53.8 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.494 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

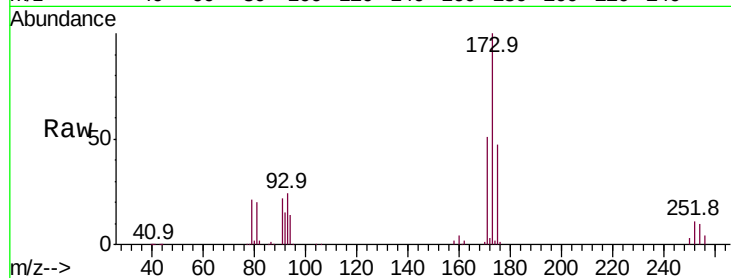
Tot Ion:173 Resp: 75454

Ion Ratio Lower Upper

173 100

175 48.6 23.7 71.1

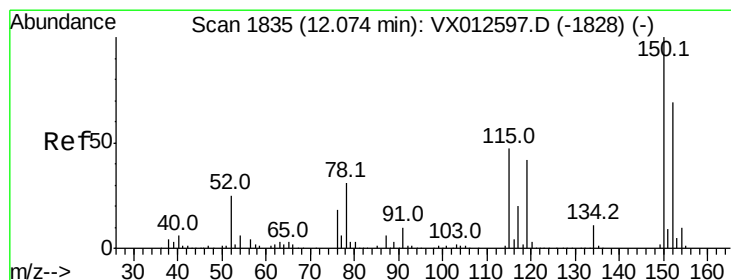
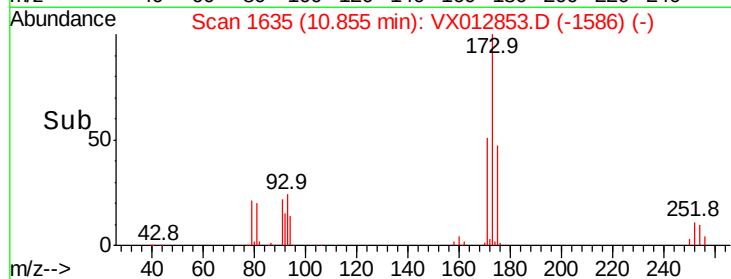
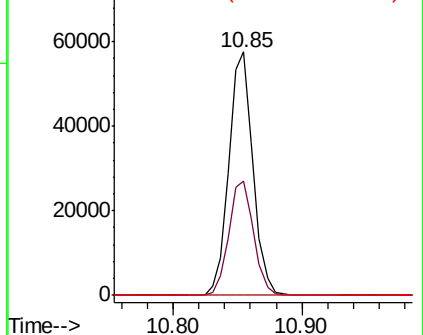
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

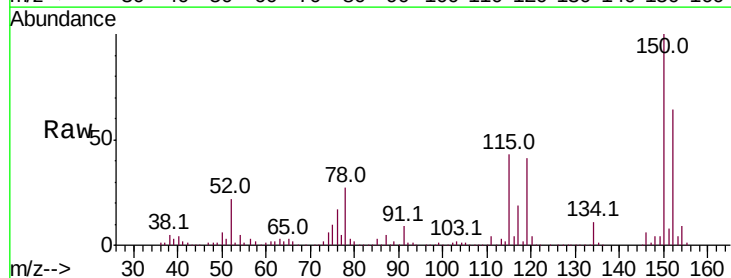
Tgt Ion:152 Resp: 121989

Ion Ratio Lower Upper

152 100

115 87.7 44.1 132.3

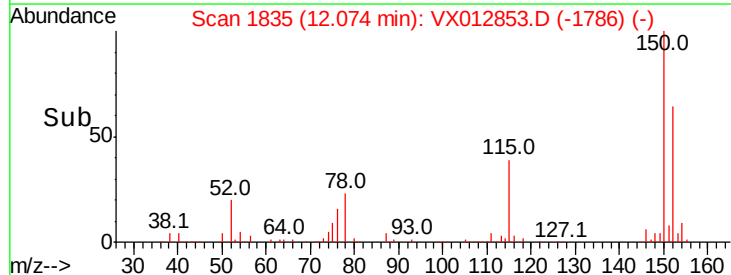
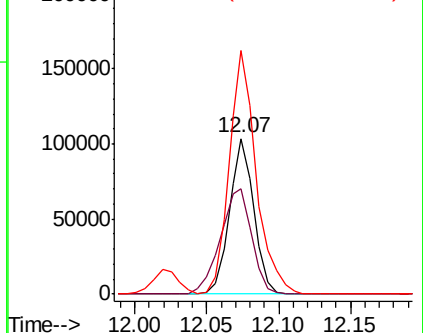
150 173.7 0.0 343.8

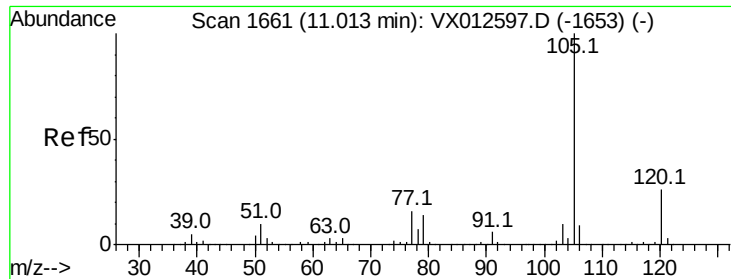


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.006 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

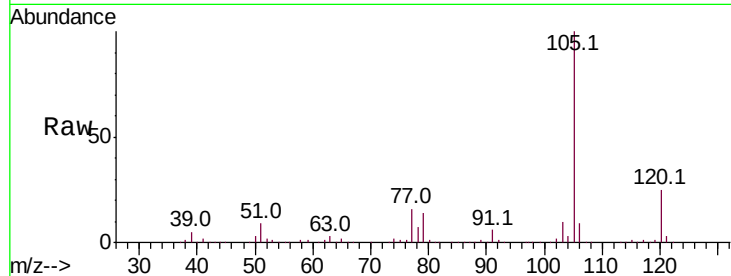
MW-103IMSD

Tot Ion:105 Resp: 467035

Ion Ratio Lower Upper

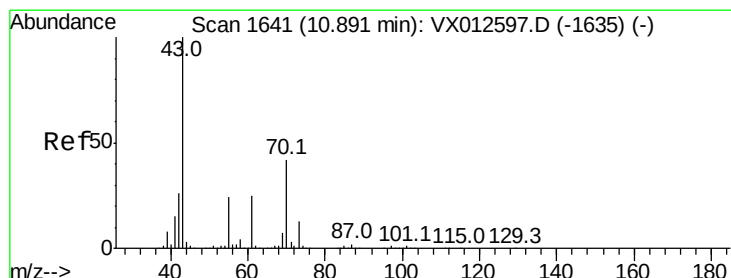
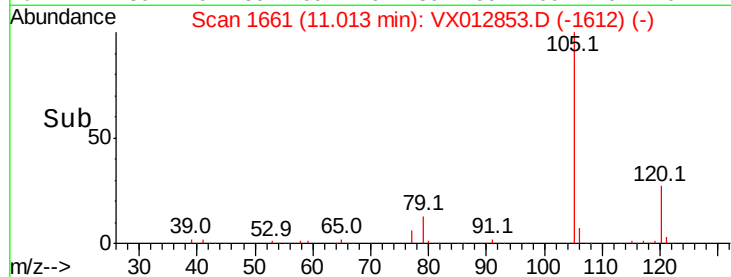
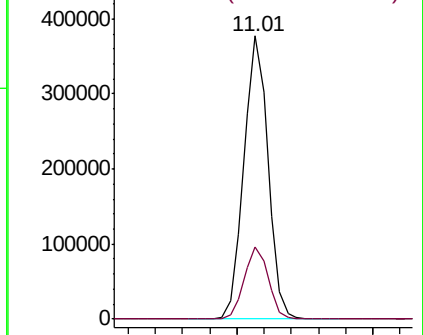
105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.991 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion: 43 Resp: 227476

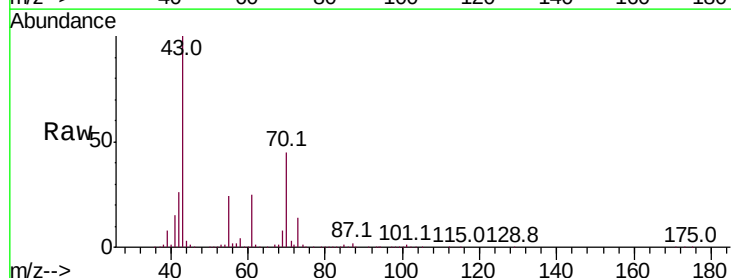
Ion Ratio Lower Upper

43 100

70 44.2 32.4 48.6

55 24.4 18.2 27.4

61 24.9 18.5 27.7

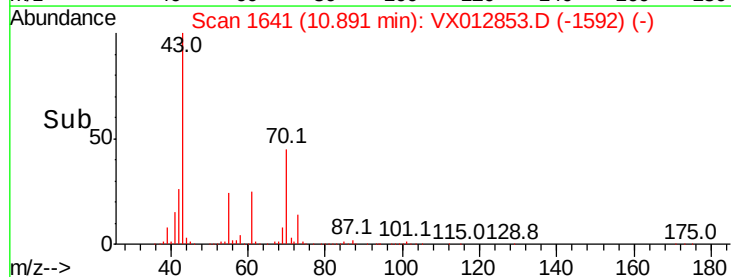
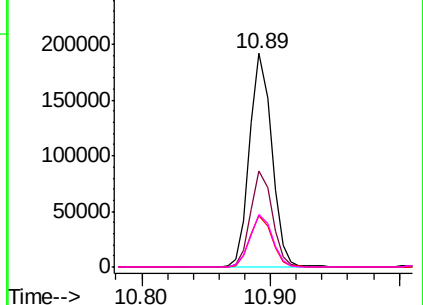


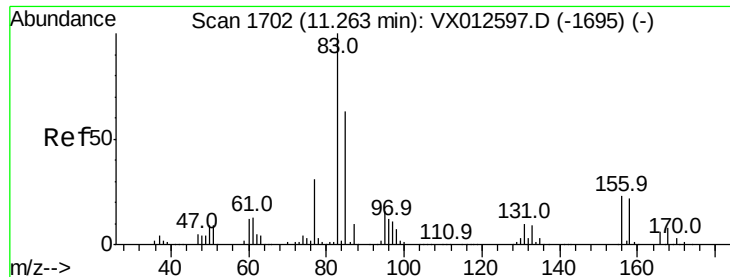
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.436 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

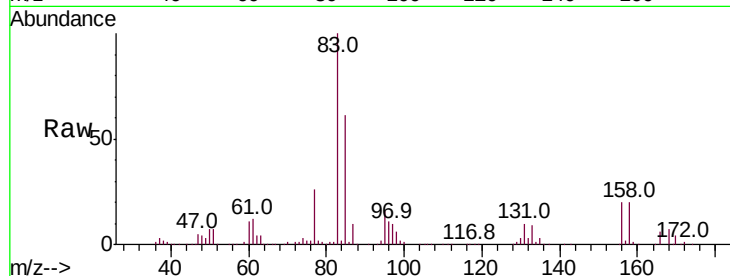
Tot Ion: 83 Resp: 169250

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

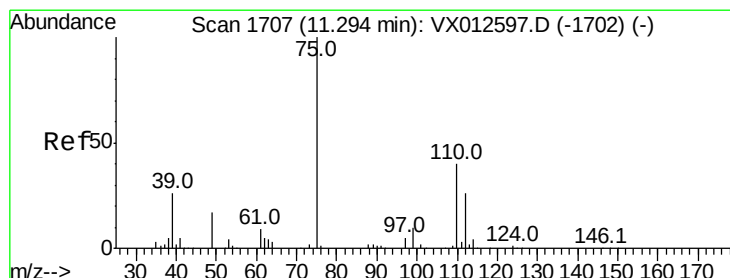
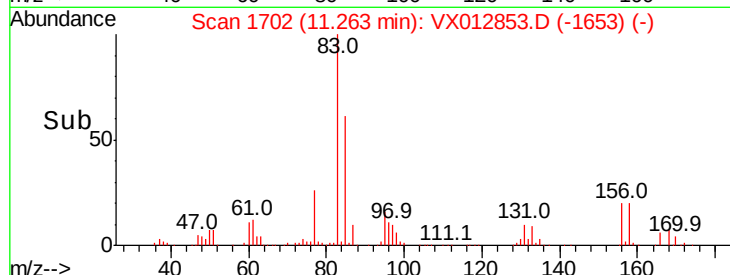
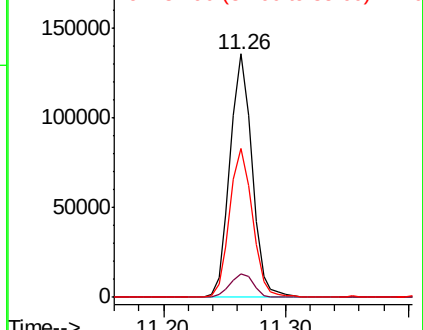
85 63.4 32.0 96.0



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: 56.585 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012853.D

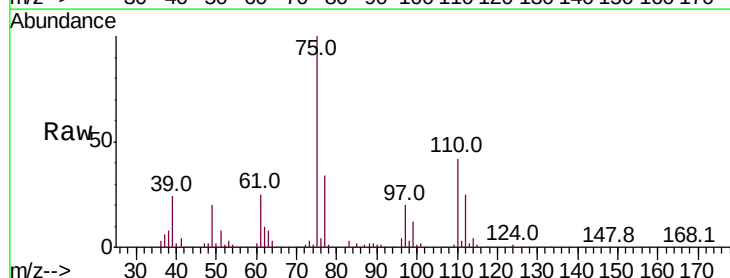
Acq: 07 Oct 2019 21:04

Tgt Ion: 75 Resp: 182594

Ion Ratio Lower Upper

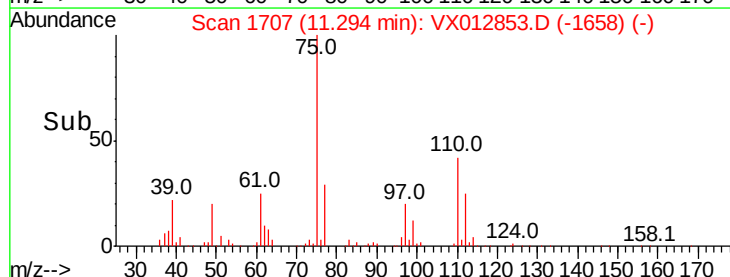
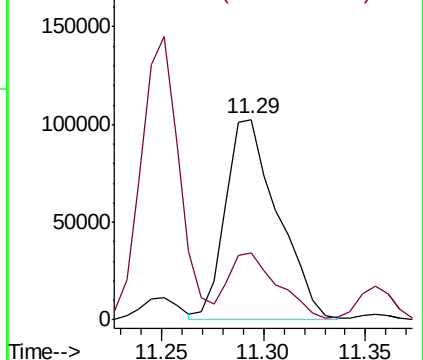
75 100

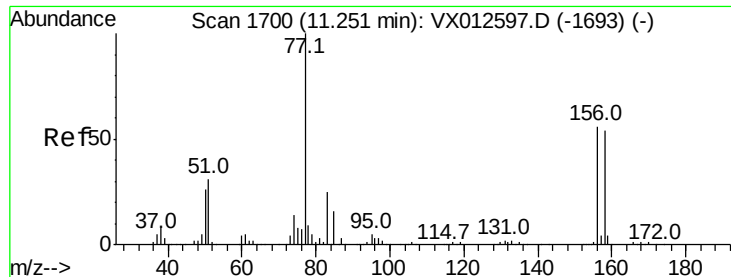
77 31.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.500 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

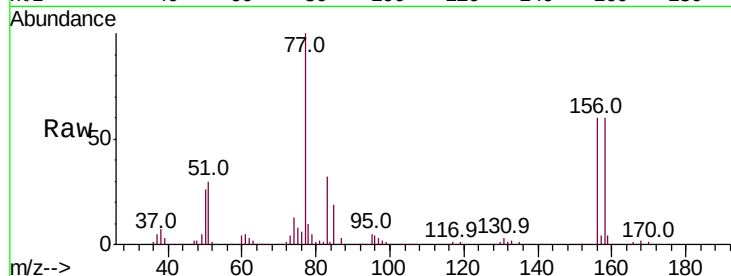
Tot Ion:156 Resp: 109062

Ion Ratio Lower Upper

156 100

77 173.1 87.3 261.8

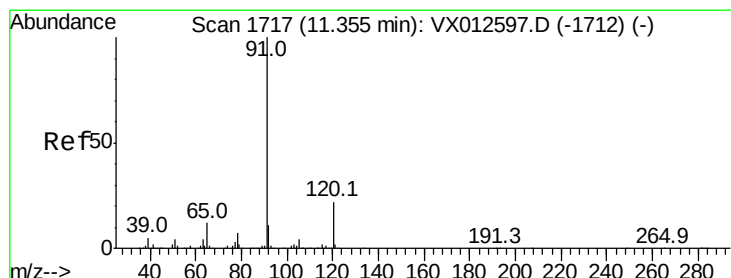
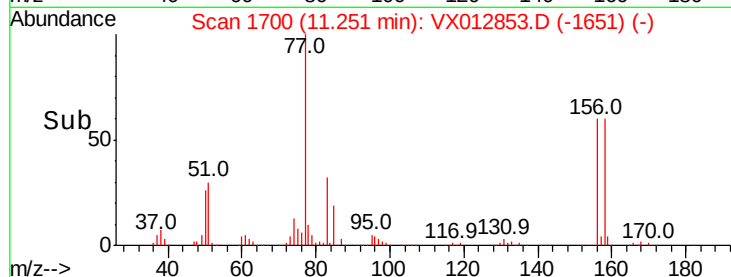
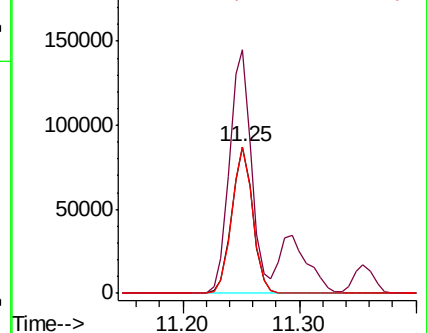
158 99.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.919 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012853.D

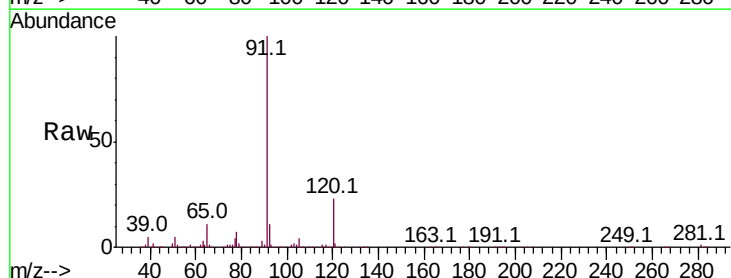
Acq: 07 Oct 2019 21:04

Tgt Ion: 91 Resp: 513636

Ion Ratio Lower Upper

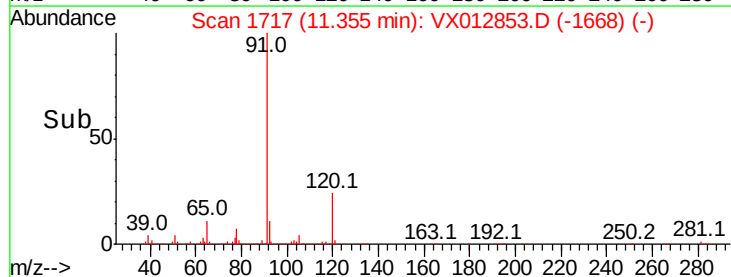
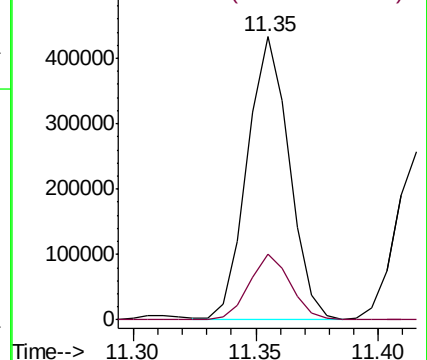
91 100

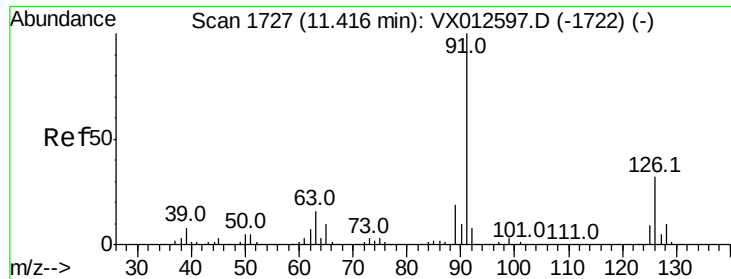
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

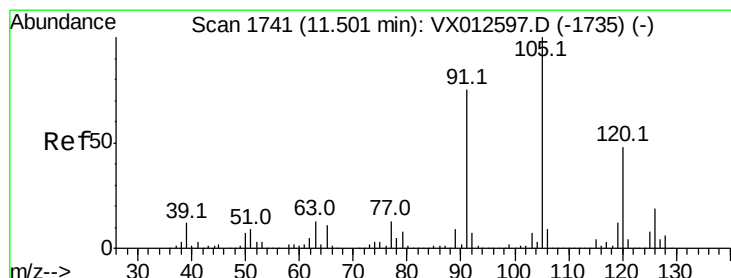
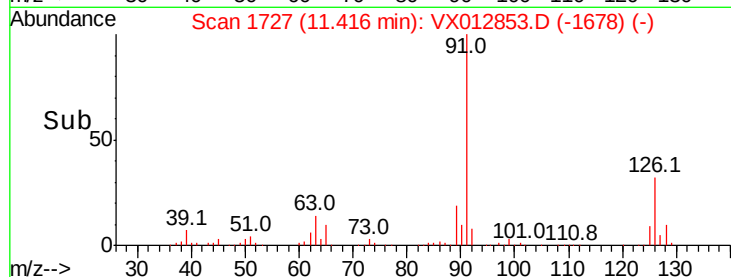
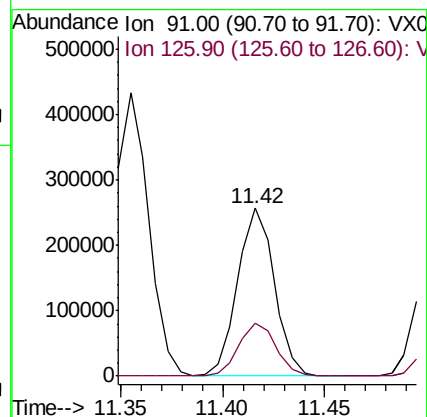
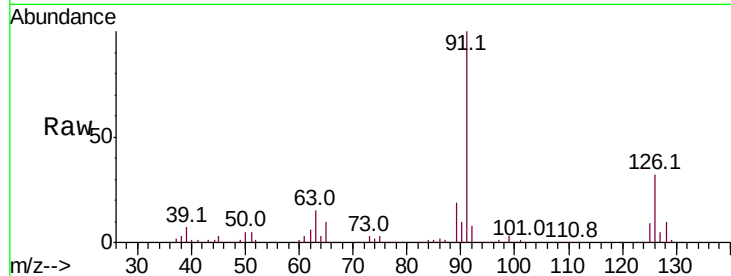




#79
 2-Chlorotoluene
 Concen: 45.930 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

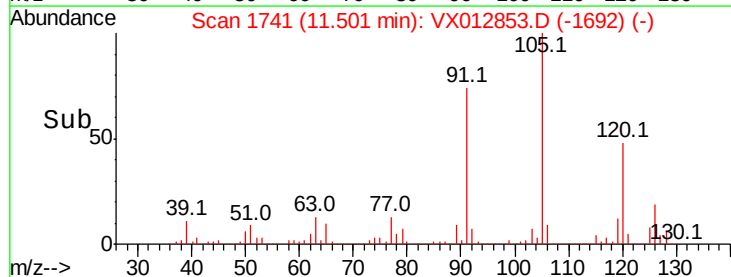
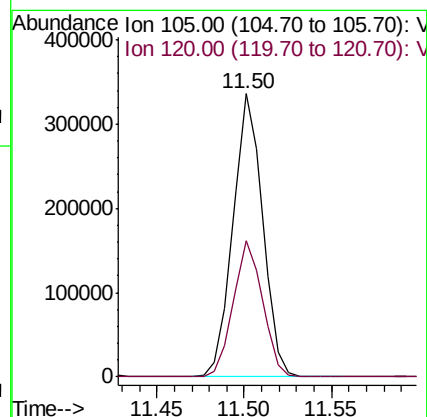
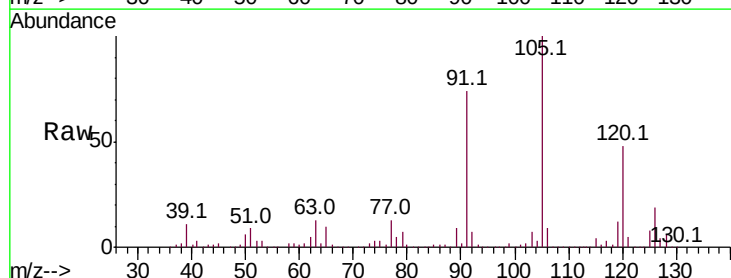
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

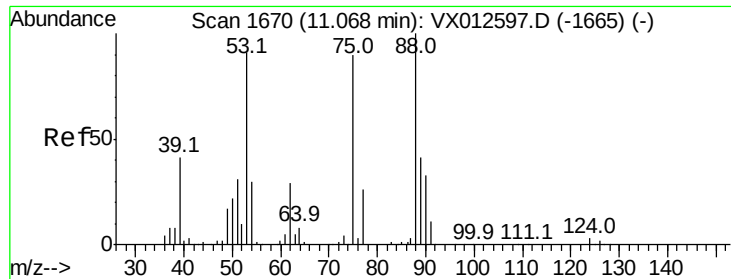
Tot Ion: 91 Resp: 320494
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 47.364 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 105 Resp: 394625
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.236 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

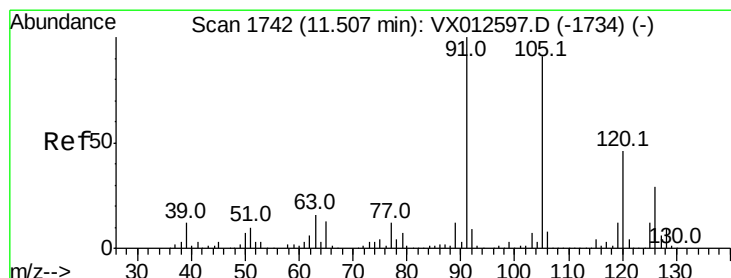
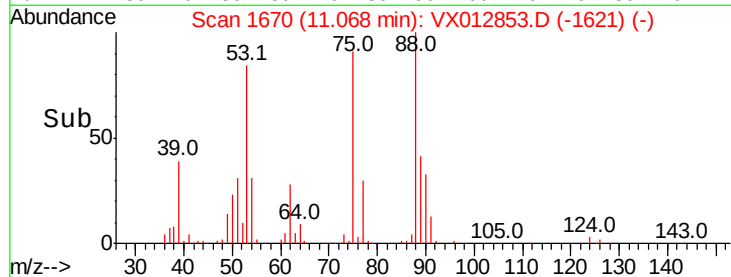
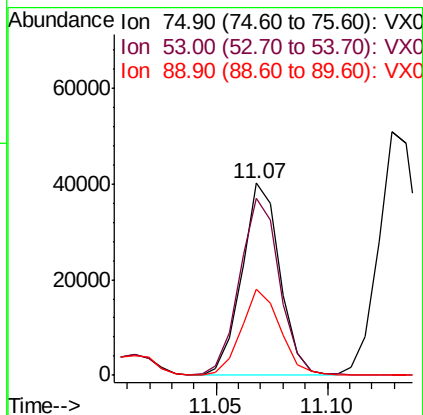
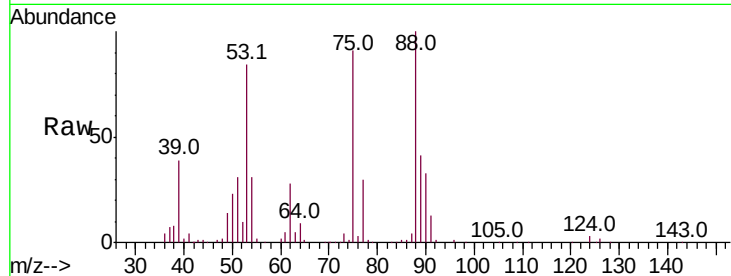
Tot Ion: 75 Resp: 47558

Ion Ratio Lower Upper

75 100

53 97.1 83.6 125.4

89 45.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 47.302 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012853.D

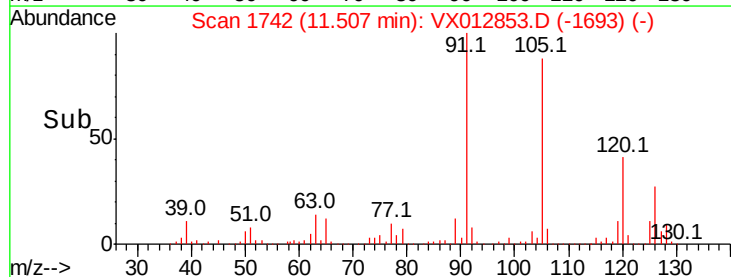
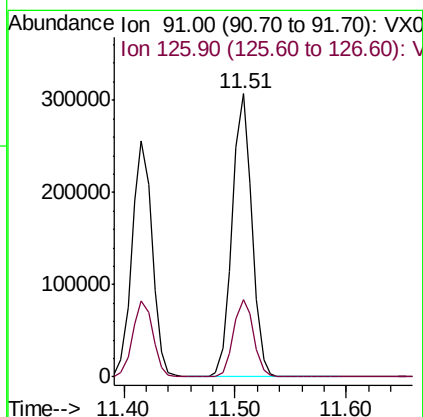
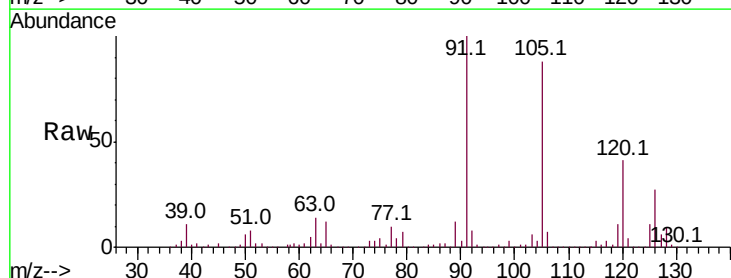
Acq: 07 Oct 2019 21:04

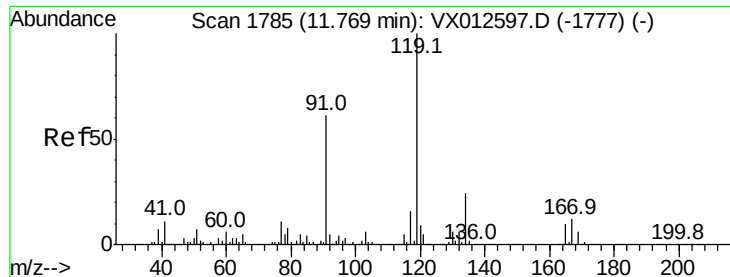
Tgt Ion: 91 Resp: 376260

Ion Ratio Lower Upper

91 100

126 27.9 14.4 43.0

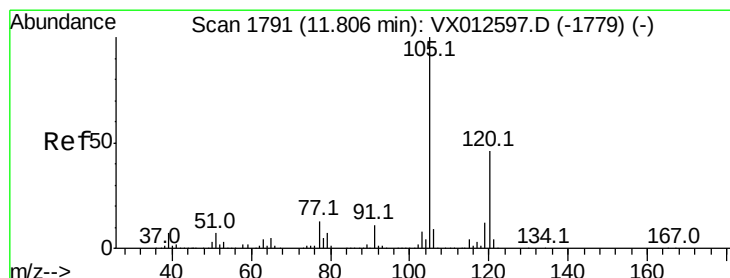
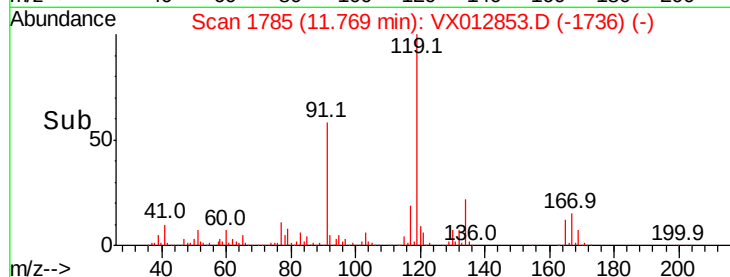
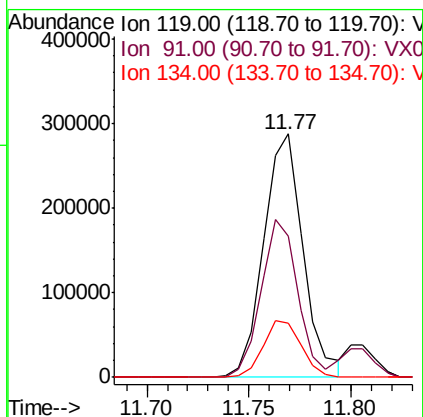
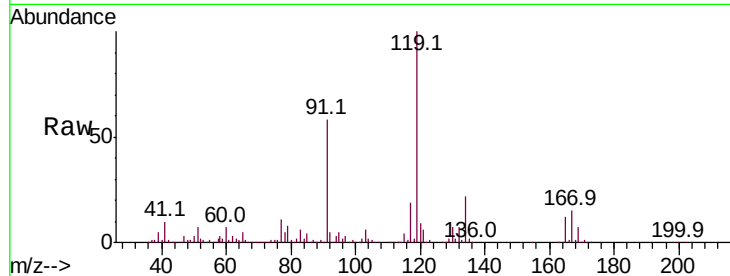




#83
tert-Butylbenzene
Concen: 48.164 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

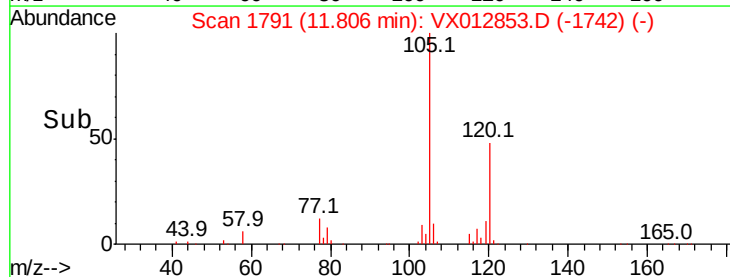
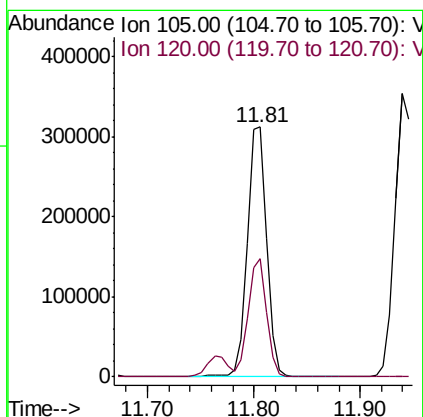
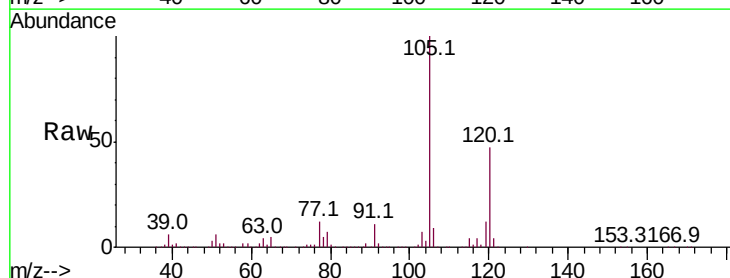
Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

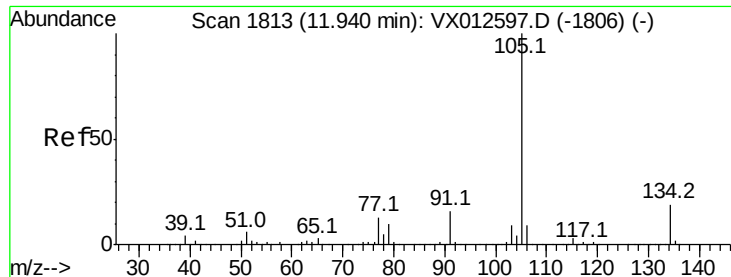
Tot Ion:119 Resp: 387104
Ion Ratio Lower Upper
119 100
91 60.4 30.0 90.0
134 22.8 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 47.486 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:105 Resp: 399122
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.533 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

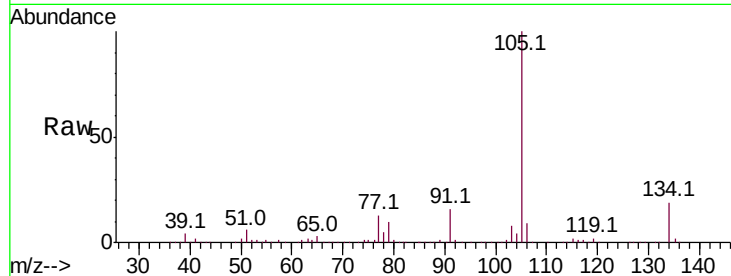
MW-103IMSD

Tot Ion:105 Resp: 444347

Ion Ratio Lower Upper

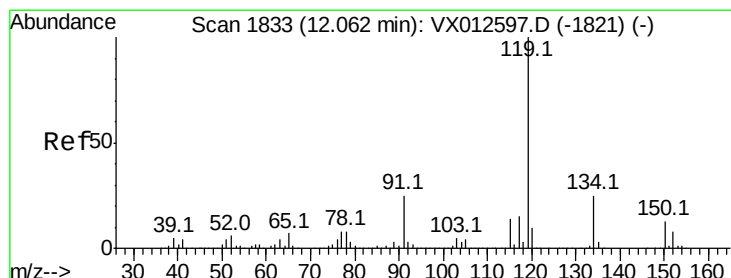
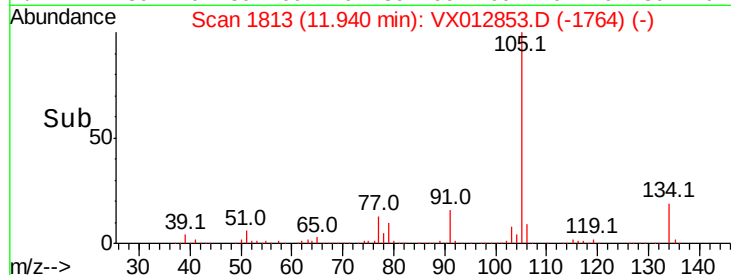
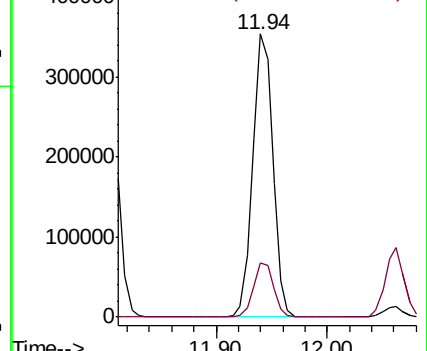
105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.437 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

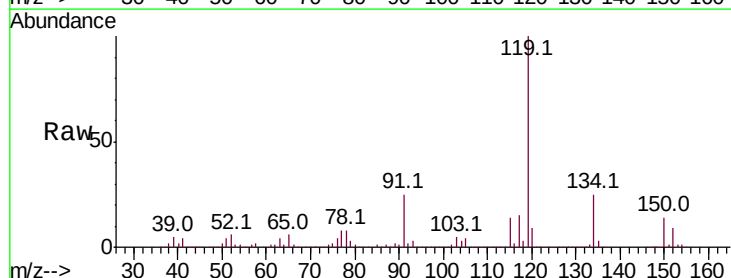
Tgt Ion:119 Resp: 408566

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

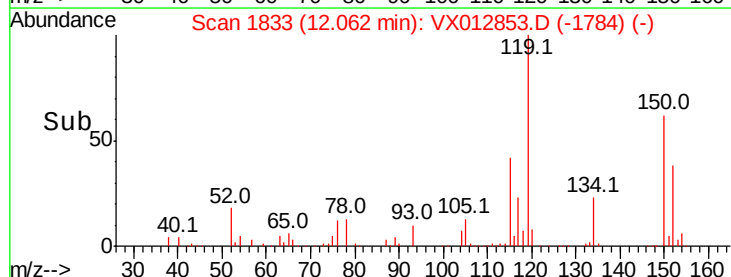
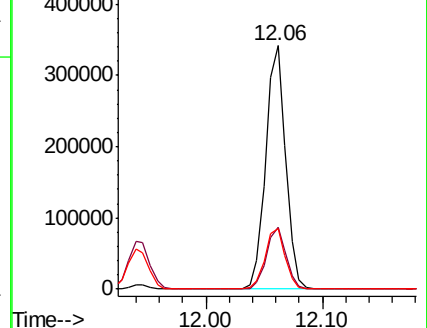
91 25.3 12.8 38.4

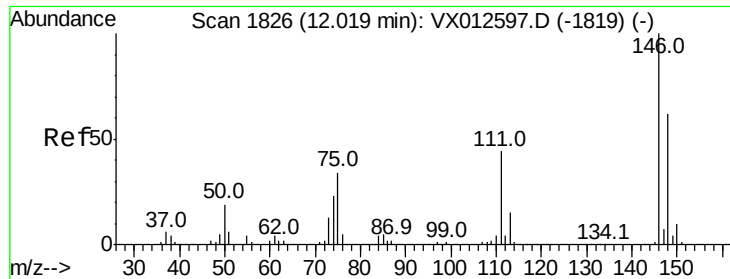


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

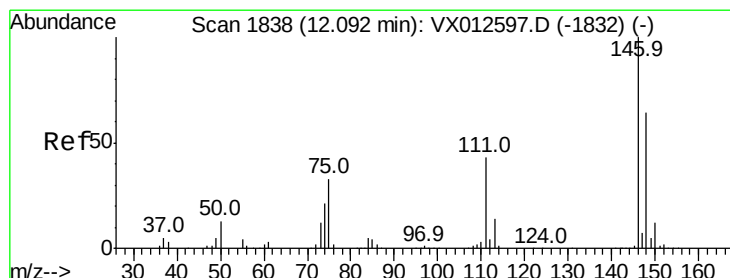
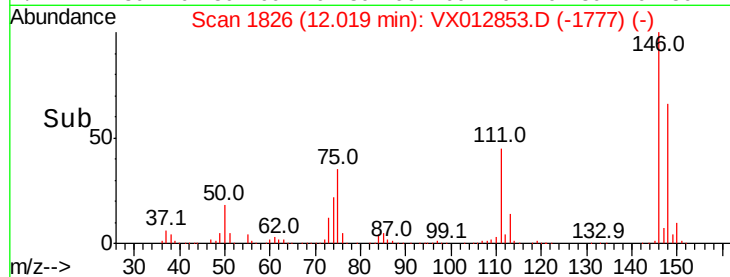
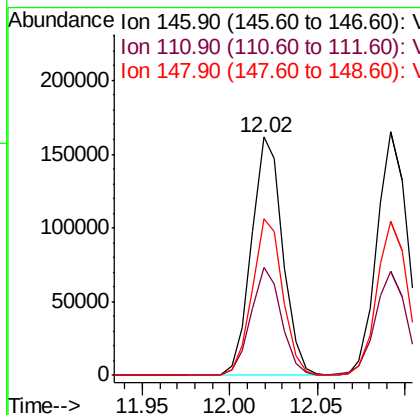
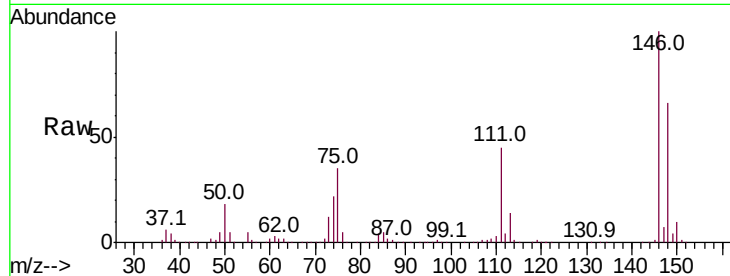




#87
 1,3-Dichlorobenzene
 Concen: 49.527 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

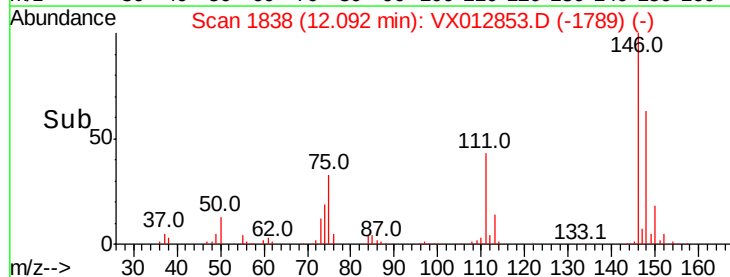
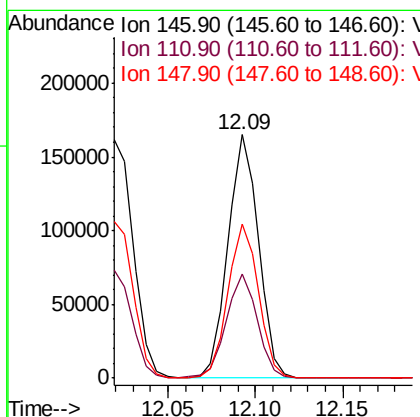
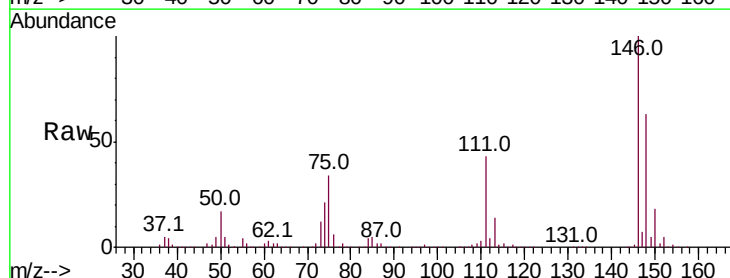
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

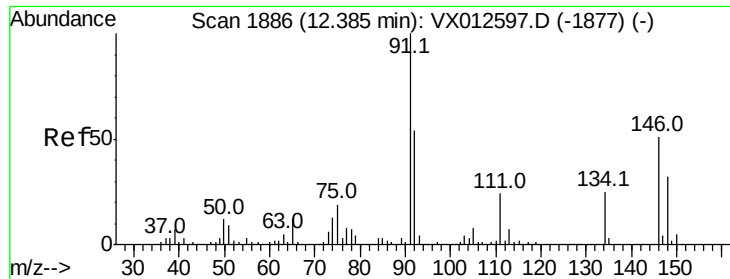
Tot Ion:146 Resp: 200425
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.3 64.0
 148 64.2 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 48.912 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion:146 Resp: 200011
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.3
 148 63.6 32.1 96.5

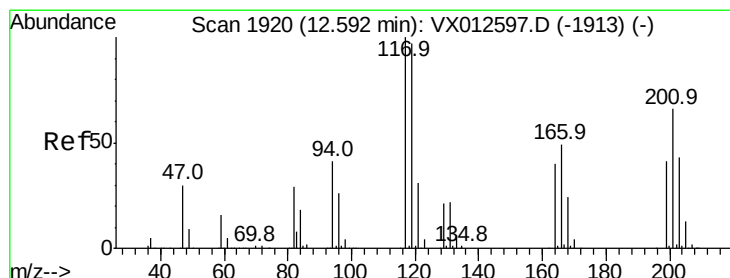
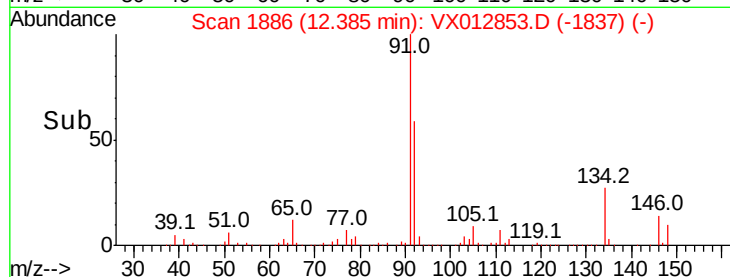
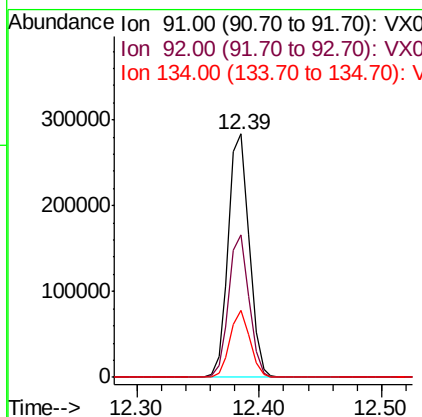
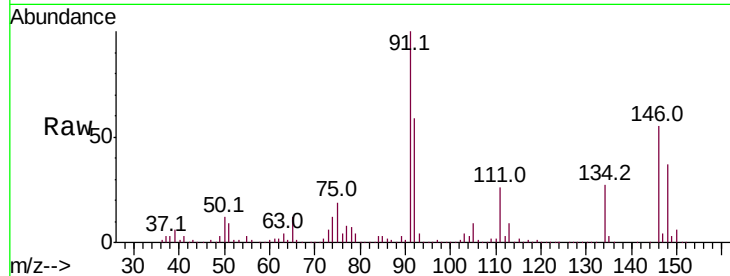




#89
n-Butylbenzene
Concen: 44.968 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

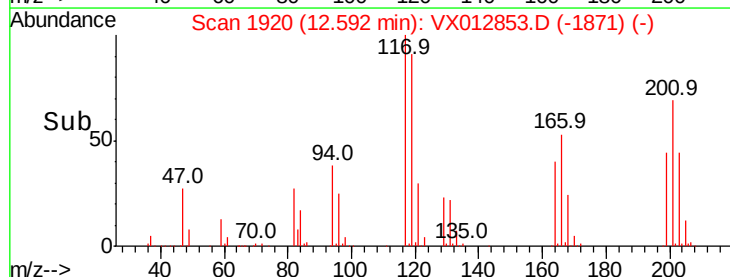
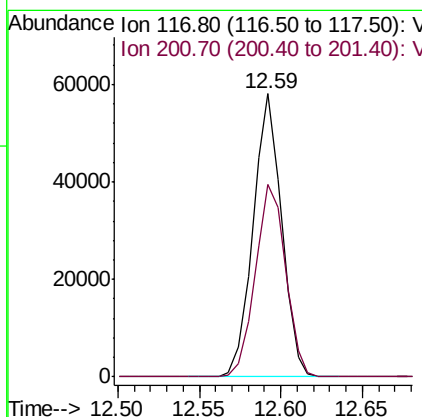
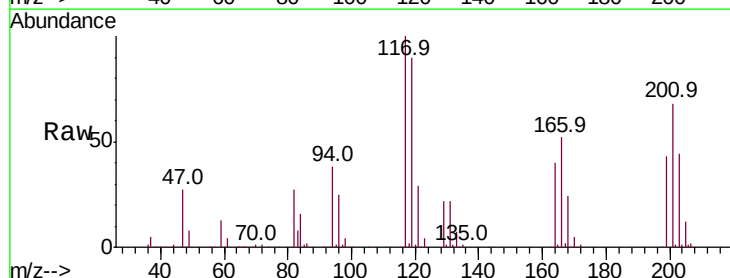
Instrument :
MSVOA_X
ClientSampled :
MW-103IMSD

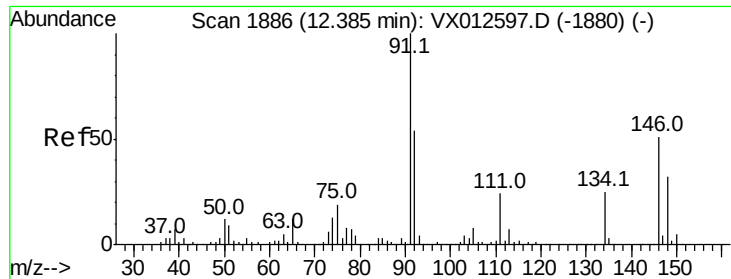
Tot Ion: 91 Resp: 334239
Ion Ratio Lower Upper
91 100
92 57.1 27.7 83.0
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 47.048 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 117 Resp: 70751
Ion Ratio Lower Upper
117 100
201 72.2 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 48.763 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

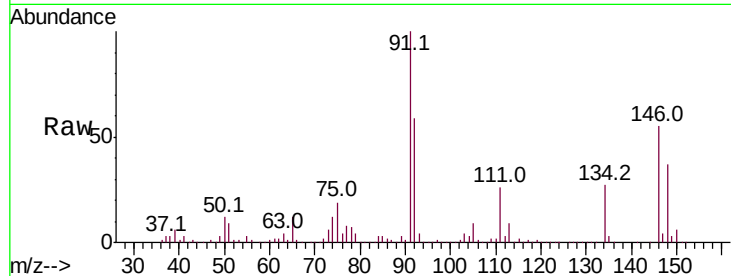
Tot Ion:146 Resp: 197560

Ion Ratio Lower Upper

146 100

111 46.4 22.1 66.1

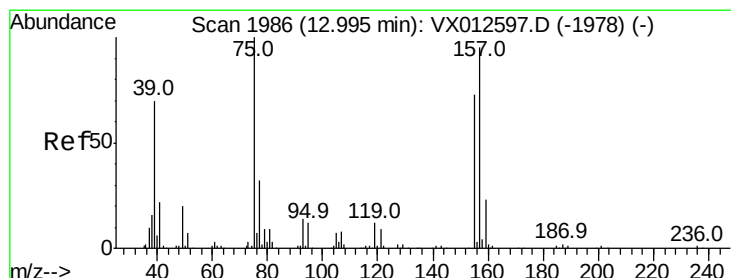
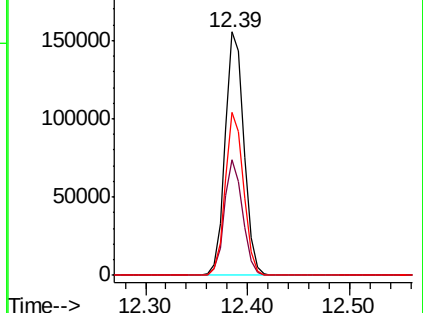
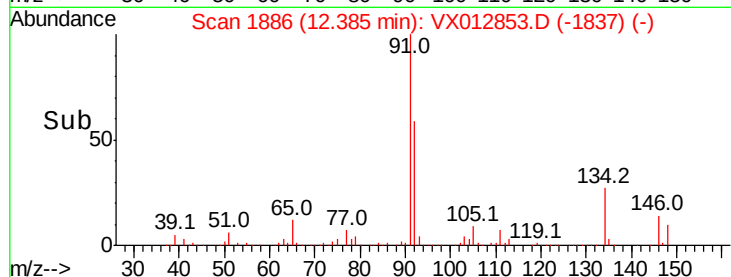
148 65.2 31.3 93.9



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: 48.552 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

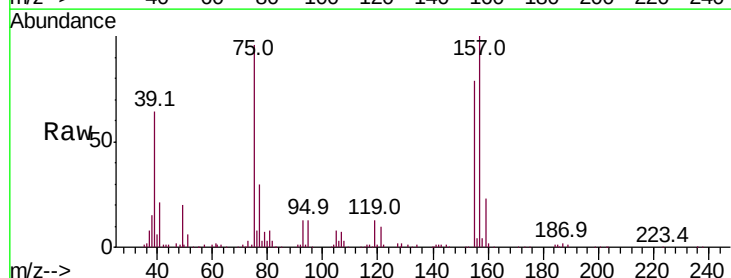
Tgt Ion: 75 Resp: 39964

Ion Ratio Lower Upper

75 100

155 85.6 38.6 115.8

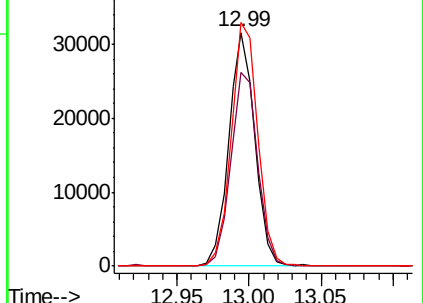
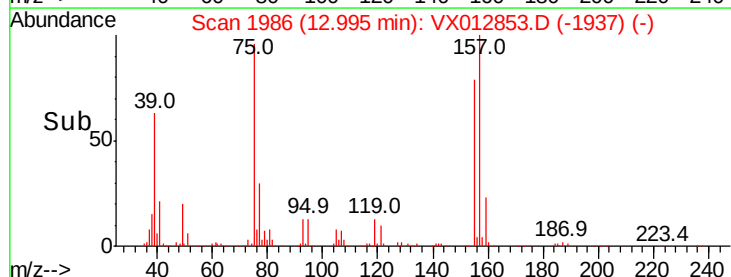
157 106.4 50.6 151.9

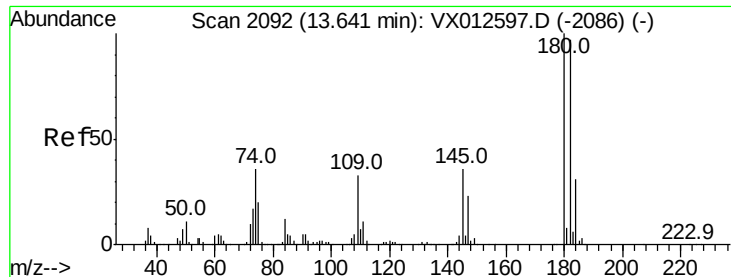


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

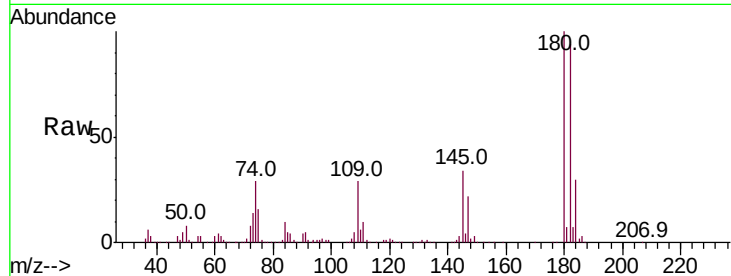




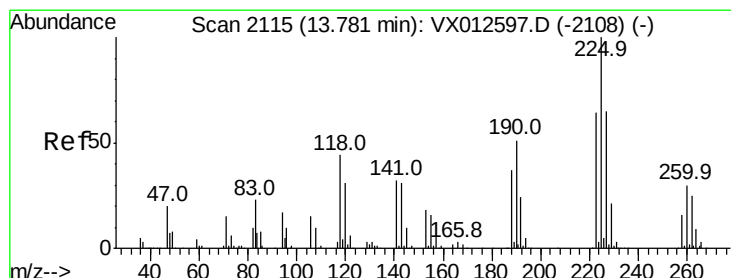
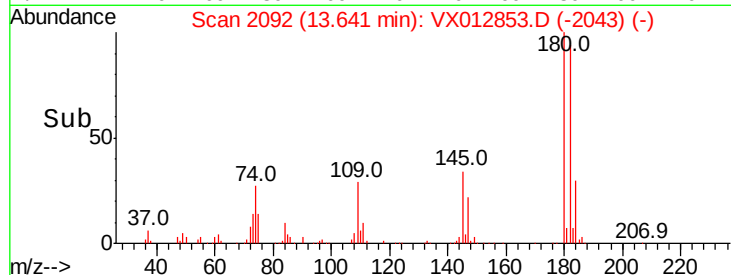
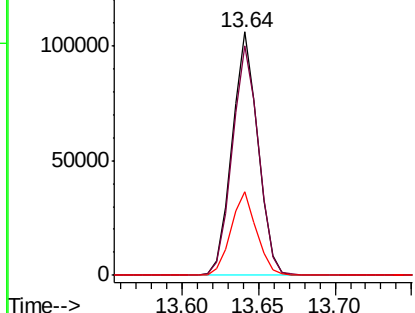
#93
1,2,4-Trichlorobenzene
Concen: 50.029 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampled :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.0	141.0
145	34.0	16.8	50.4

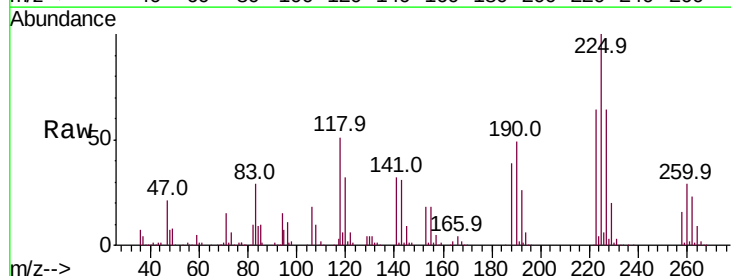


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

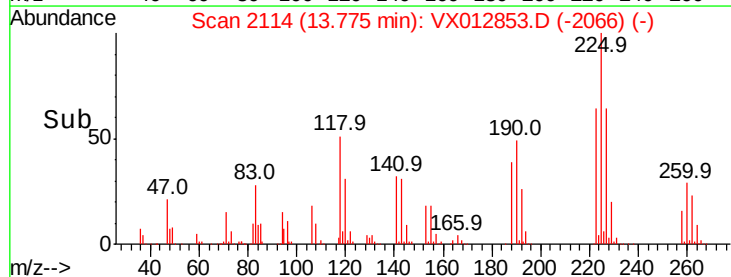
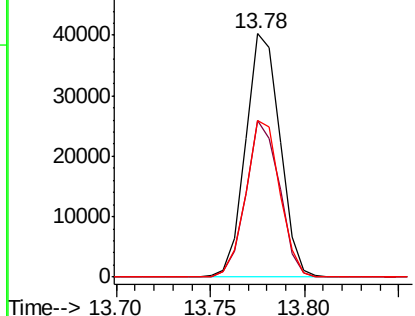


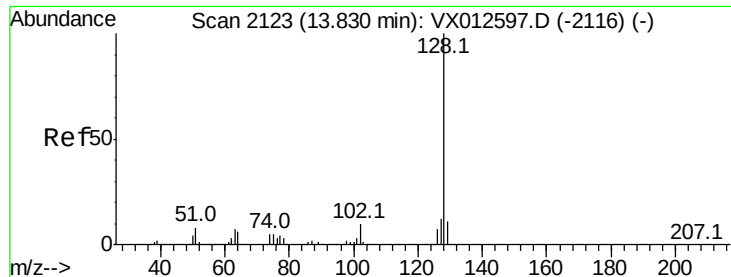
#94
Hexachlorobutadiene
Concen: 47.842 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.0	96.2
227	63.8	31.9	95.5



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

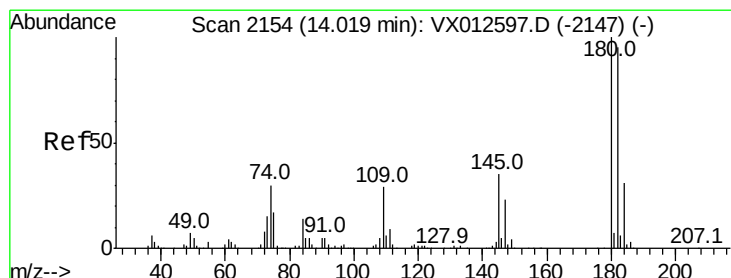
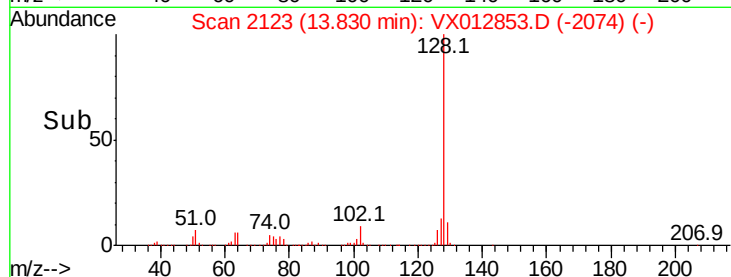
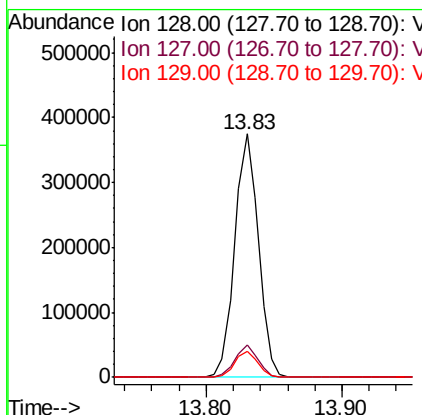
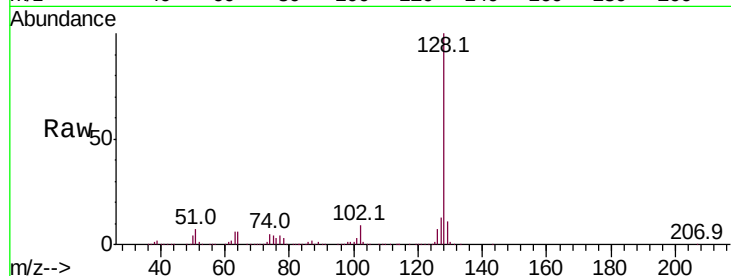




#95
Naphthalene
Concen: 50.695 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion:128 Resp: 453180
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.620 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:180 Resp: 125286
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.3
145 35.4 18.0 54.0

