

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\NOT REVIEWED DATA\
 Data File : VX012926.D
 Acq On : 09 Oct 2019 06:38
 Operator : JC/SP
 Sample : K5190-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Quant Time: Oct 16 18:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	113519	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	90788	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	8.71	98	343301	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	132361	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	92335	52.944	ug/l	99
3) Chloromethane	1.32	50	101259	53.350	ug/l	97
4) Vinyl Chloride	1.40	62	101966	52.049	ug/l	99
5) Bromomethane	1.63	94	38713	47.538	ug/l	100
6) Chloroethane	1.71	64	63649	53.165	ug/l	99
7) Trichlorofluoromethane	1.92	101	141190	53.397	ug/l	99
8) Diethyl Ether	2.18	74	57184	53.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87507	51.135	ug/l	99
10) Methyl Iodide	2.50	142	105149	53.806	ug/l	98
11) Tert butyl alcohol	3.03	59	138310	243.979	ug/l	100
12) 1,1-Dichloroethene	2.36	96	90951	52.603	ug/l	98
13) Acrolein	2.28	56	88737	220.264	ug/l	99
14) Allyl chloride	2.72	41	157926	51.289	ug/l	99
15) Acrylonitrile	3.13	53	291770	271.590	ug/l	100
16) Acetone	2.44	43	251921	223.494	ug/l	100
17) Carbon Disulfide	2.56	76	248207	50.345	ug/l	100
18) Methyl Acetate	2.76	43	122686	45.920	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	329782	55.232	ug/l	99
20) Methylene Chloride	2.84	84	104292	50.345	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98567	53.188	ug/l	96
22) Diisopropyl ether	3.84	45	323140	54.768	ug/l	94
23) Vinyl Acetate	3.80	43	1255094	246.413	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181841	54.783	ug/l	98
25) 2-Butanone	4.66	43	398564	254.865	ug/l	99
26) 2,2-Dichloropropane	4.57	77	100833	36.125	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113464	53.117	ug/l	97
28) Bromochloromethane	5.01	49	62462	63.084	ug/l	98
29) Tetrahydrofuran	5.11	42	259089	269.233	ug/l	99
30) Chloroform	5.20	83	180843	53.097	ug/l	94
31) Cyclohexane	5.57	56	162023	52.202	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	159154	55.150	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135491	51.158	ug/l	99
37) Ethyl Acetate	4.83	43	138747	46.850	ug/l	99
38) Carbon Tetrachloride	5.78	117	137817	53.461	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159150	49.550	ug/l	98
40) Benzene	6.13	78	413012	52.799	ug/l	98
41) Methacrylonitrile	5.03	41	85466	52.519	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148161	52.785	ug/l	99
43) Isopropyl Acetate	6.43	43	234787	49.394	ug/l	99
44) Trichloroethene	7.21	130	106865	49.266	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106698	53.518	ug/l	99
46) Dibromomethane	7.65	93	71161	53.573	ug/l	99
47) Bromodichloromethane	7.89	83	138863	53.570	ug/l	99
48) Methyl methacrylate	7.76	41	122487	52.879	ug/l	99
49) 1,4-Dioxane	7.73	88	57583	928.938	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	779797	263.124	ug/l	100
52) Toluene	8.78	92	260423	52.039	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145604	45.226	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158920	49.847	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104341	52.685	ug/l	98
56) Ethyl methacrylate	9.17	69	172672	48.737	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177922	51.935	ug/l	99
59) 2-Hexanone	9.49	43	598554	259.453	ug/l	100
60) Dibromochloromethane	9.57	129	107533	48.837	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111478	53.509	ug/l	100
64) Tetrachloroethene	9.33	164	93433	50.124	ug/l	96
65) Chlorobenzene	10.14	112	272804	51.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99324	53.676	ug/l	98
67) Ethyl Benzene	10.25	91	494290	52.141	ug/l	98
68) m/p-Xylenes	10.35	106	371963	105.029	ug/l	100
69) o-Xylene	10.70	106	180342	52.218	ug/l	98
70) Stvrene	10.71	104	310946	52.962	ug/l	99
71) Bromoform	10.85	173	73909	47.081	ug/l #	100
73) Isopropylbenzene	11.01	105	483193	51.829	ug/l	100
74) N-amyl acetate	10.89	43	191350	47.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162952	52.552	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	182438	64.867	ug/l	77
77) Bromobenzene	11.25	156	112149	51.049	ug/l	98
78) n-propylbenzene	11.35	91	534274	52.081	ug/l	98
79) 2-Chlorotoluene	11.42	91	330650	51.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	408457	52.470	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45049	41.909	ug/l	99
82) 4-Chlorotoluene	11.51	91	379825	51.399	ug/l	100
83) tert-Butylbenzene	11.76	119	391626	51.572	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	412148	52.276	ug/l	100
85) sec-Butylbenzene	11.94	105	452623	51.448	ug/l	98
86) p-Isopropyltoluene	12.06	119	417796	51.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201713	49.444	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201221	48.701	ug/l	99
89) n-Butylbenzene	12.38	91	345846	50.433	ug/l	99
90) Hexachloroethane	12.59	117	72320	47.946	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202559	50.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38789	53.372	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	120939	48.271	ug/l	98

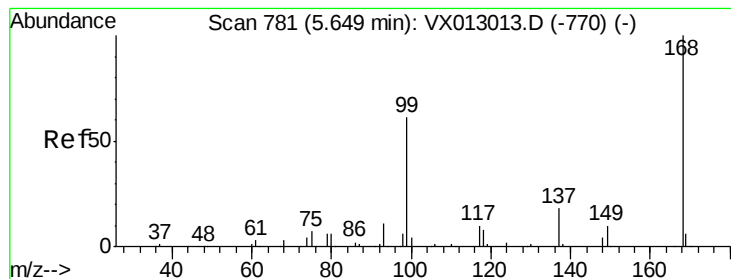
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53571	46.332	ug/l	100
95) Naphthalene	13.83	128	441947	50.886	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126184	48.737	ug/l	100

(#) = 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. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

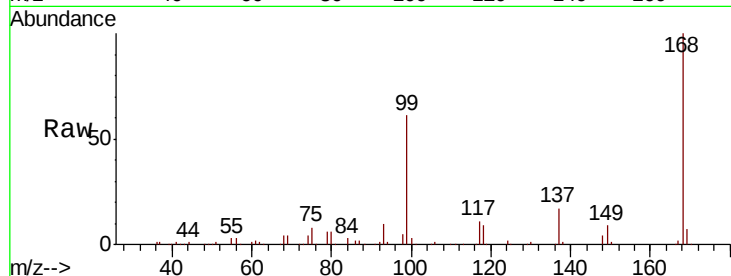
FC-MW10S-20191002MSD

Tot Ion:168 Resp: 171096

Ion Ratio Lower Upper

168 100

99 60.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

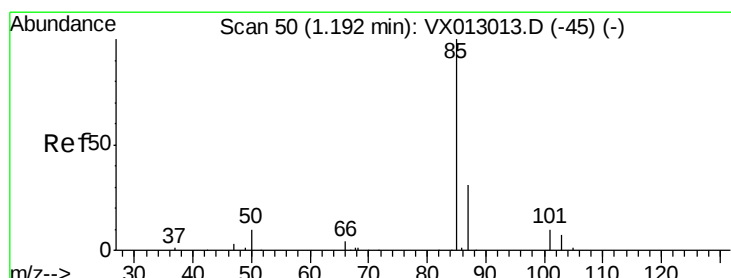
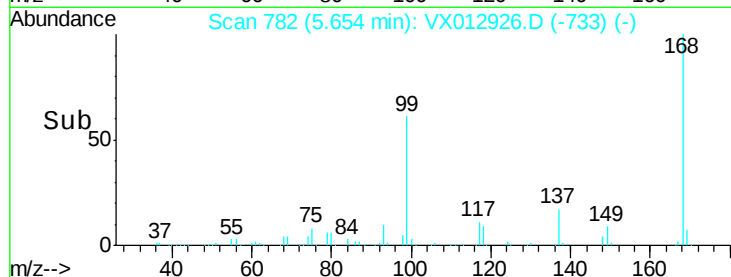
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.944 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012926.D

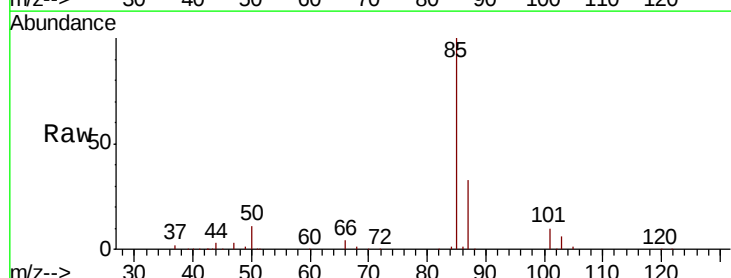
Acq: 09 Oct 2019 06:38

Tgt Ion: 85 Resp: 92335

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

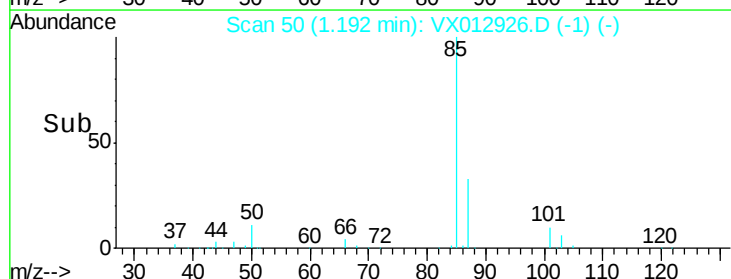
60000

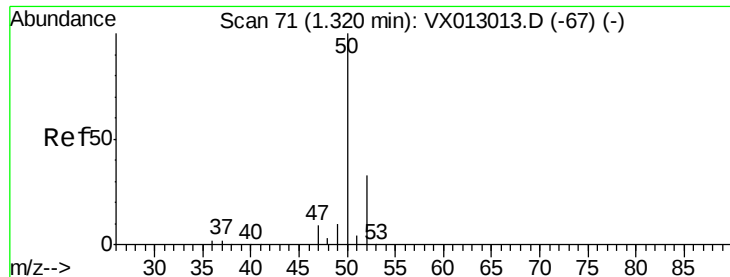
40000

20000

0

Time--> 1.15 1.20 1.25 1.30

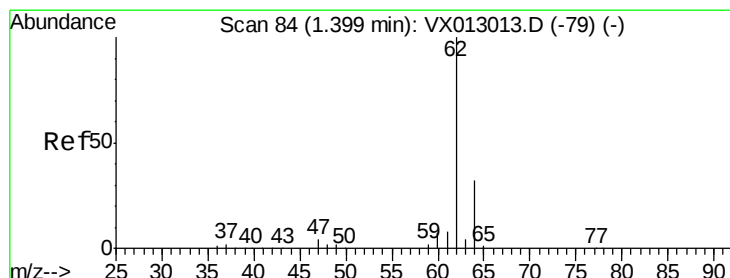
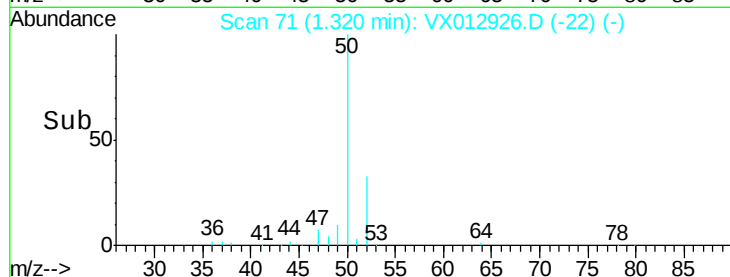
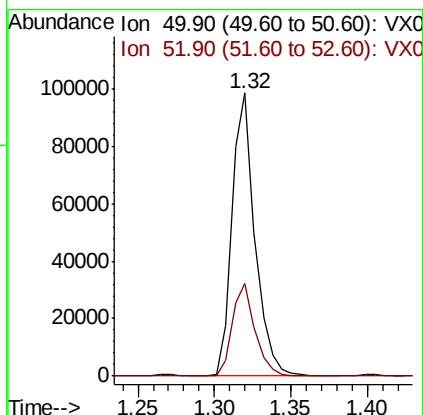
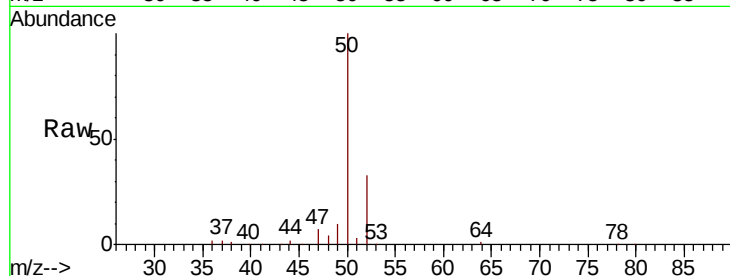




#3
Chloromethane
Concen: 53.350 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

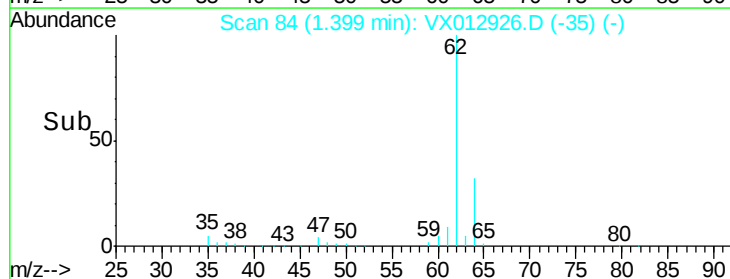
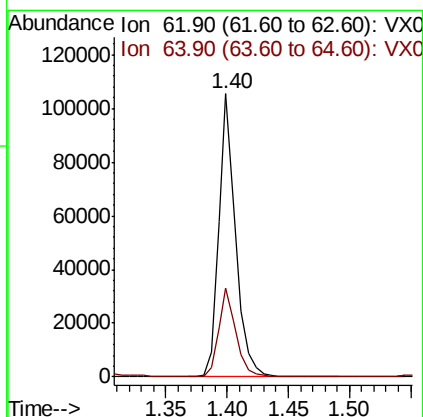
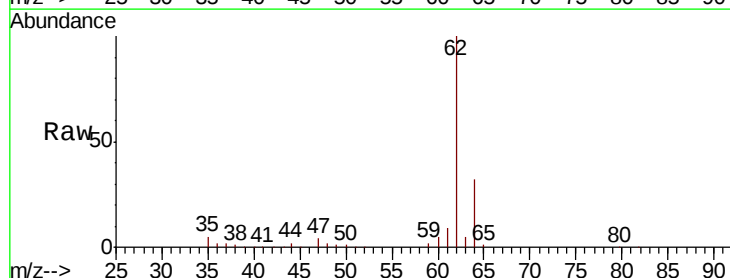
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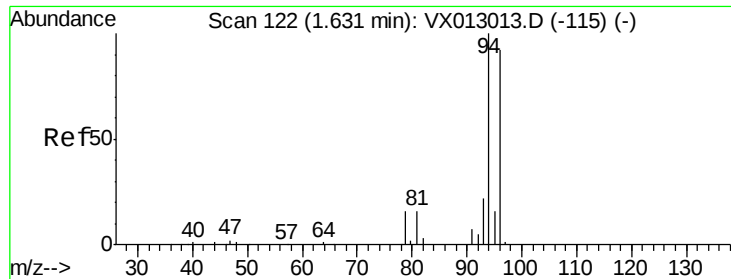
Tot Ion: 50 Resp: 101259
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 52.049 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 62 Resp: 101966
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5

Bromomethane

Concen: 47.538 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

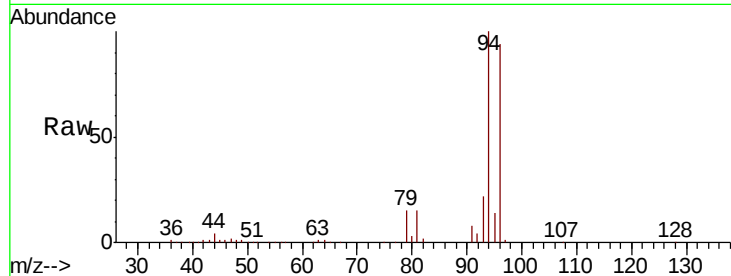
FC-MW10S-20191002MSD

Tot Ion: 94 Resp: 38713

Ion Ratio Lower Upper

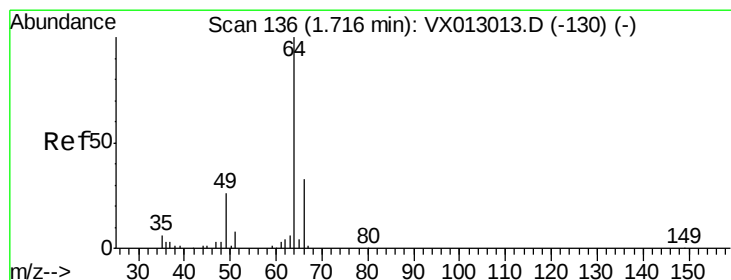
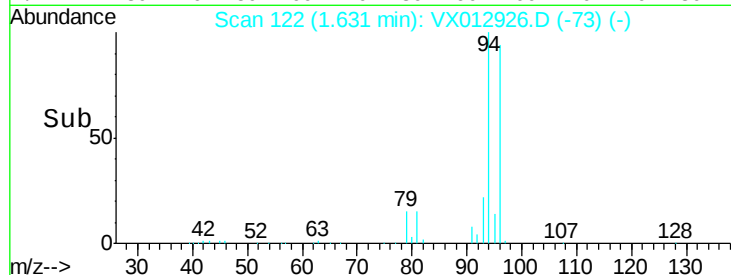
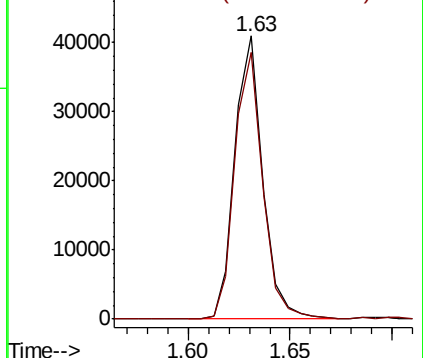
94 100

96 93.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.165 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012926.D

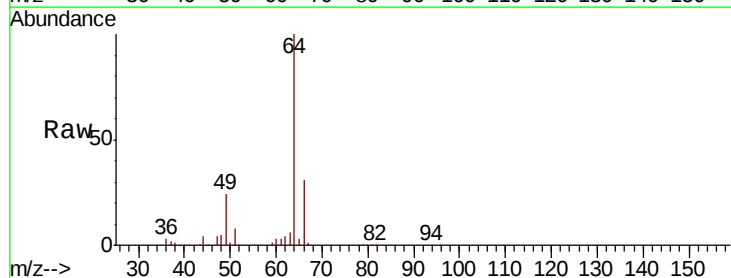
Acq: 09 Oct 2019 06:38

Tgt Ion: 64 Resp: 63649

Ion Ratio Lower Upper

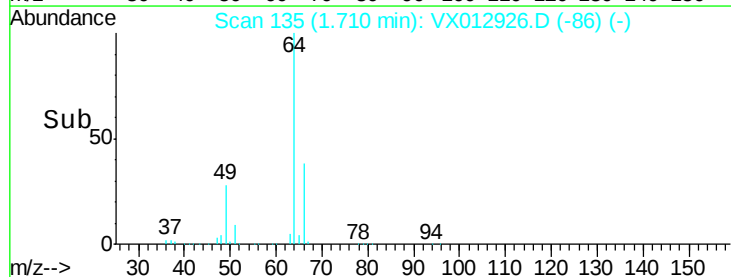
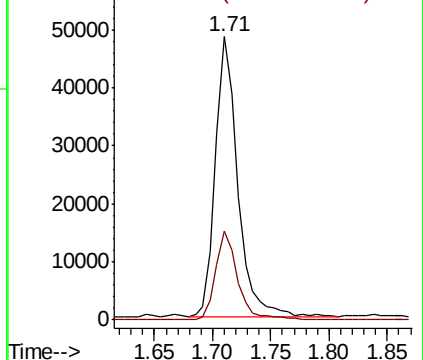
64 100

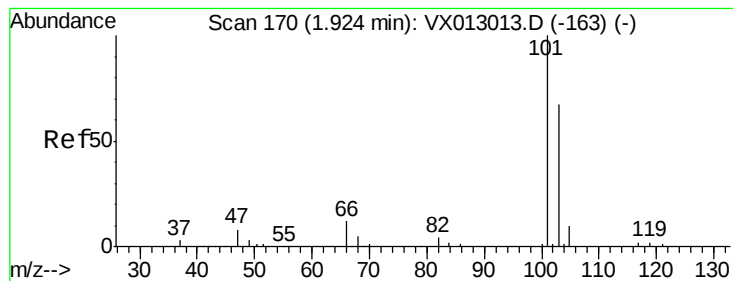
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.397 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

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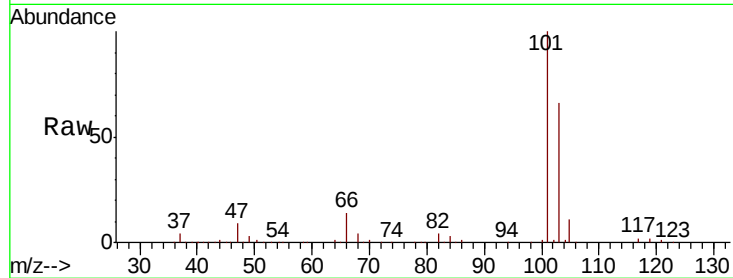
FC-MW10S-20191002MSD

Tot Ion:101 Resp: 141190

Ion Ratio Lower Upper

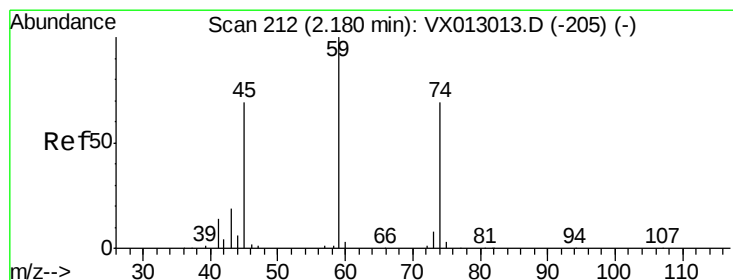
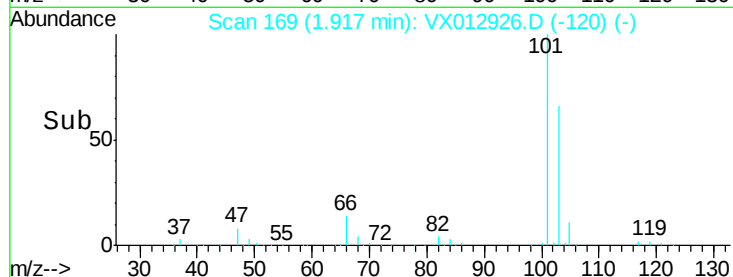
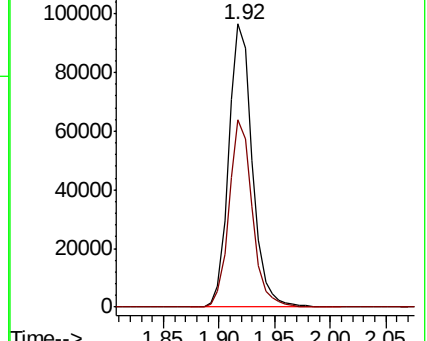
101 100

103 66.3 52.5 78.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.579 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX012926.D

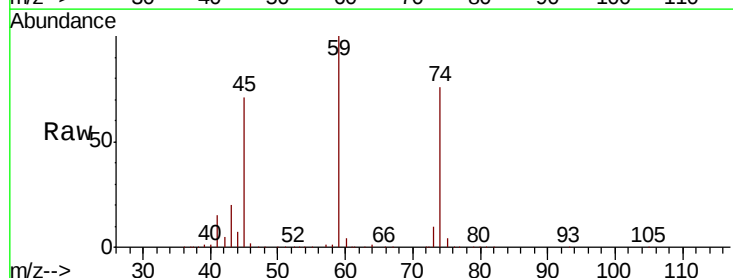
Acq: 09 Oct 2019 06:38

Tgt Ion: 74 Resp: 57184

Ion Ratio Lower Upper

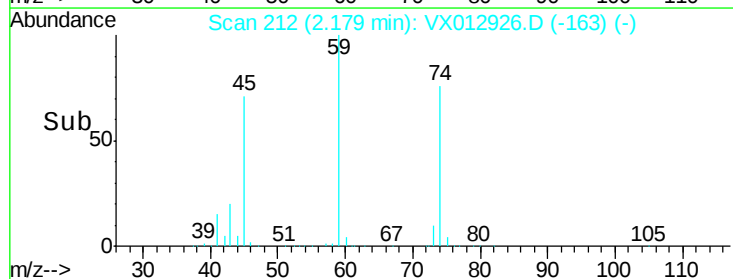
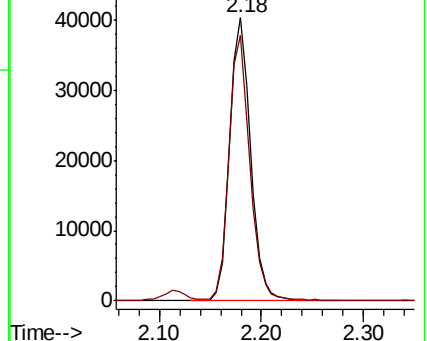
74 100

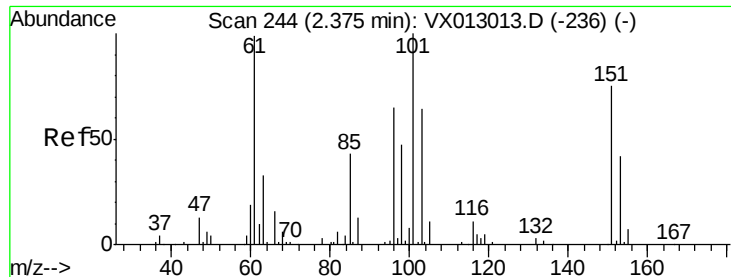
45 93.6 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.135 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

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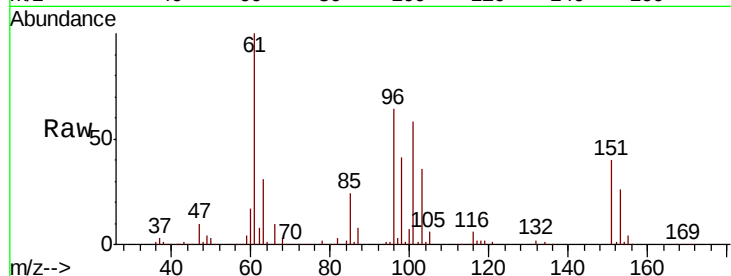
Tot Ion:101 Resp: 87507

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

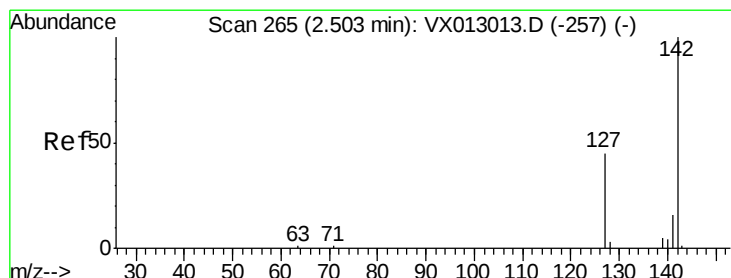
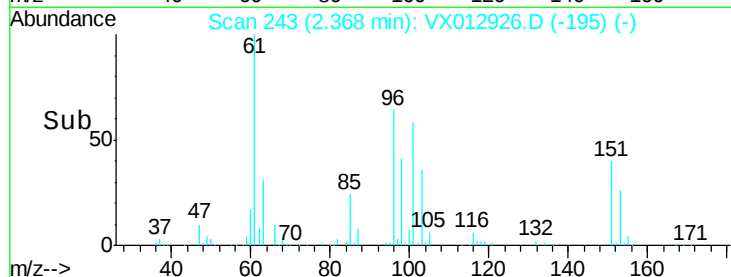
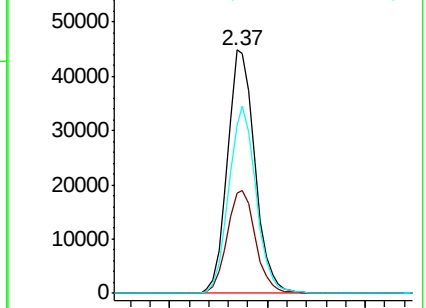
151 76.0 60.3 90.5



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: 53.806 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

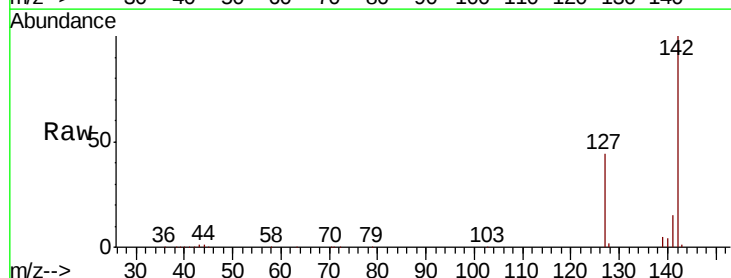
Tgt Ion:142 Resp: 105149

Ion Ratio Lower Upper

142 100

127 45.1 34.9 52.3

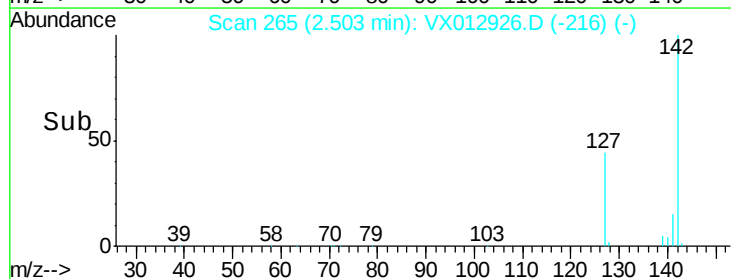
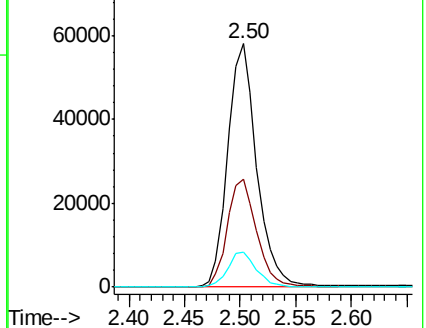
141 14.3 11.6 17.4

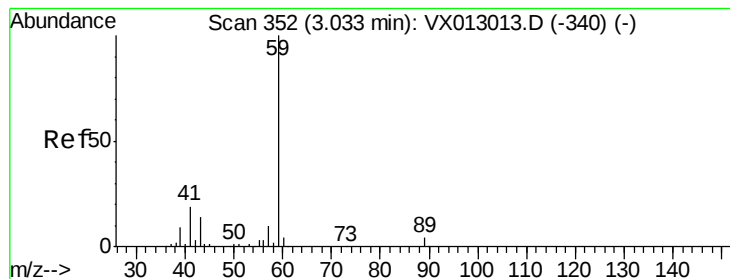


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



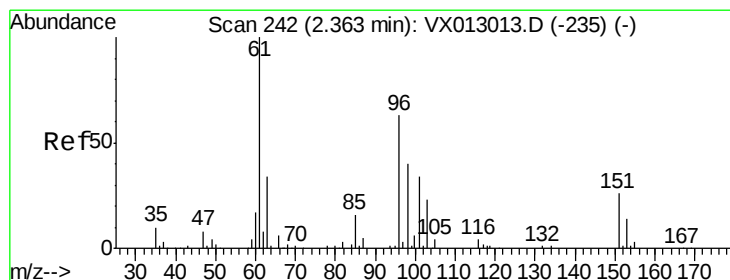
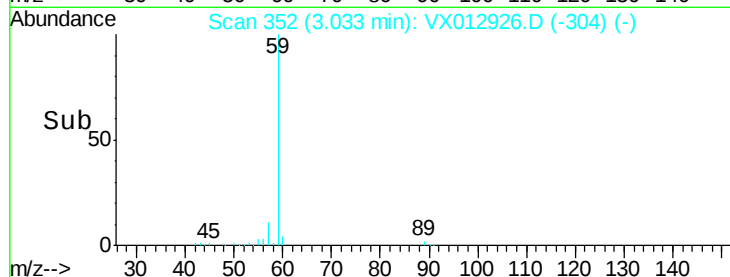
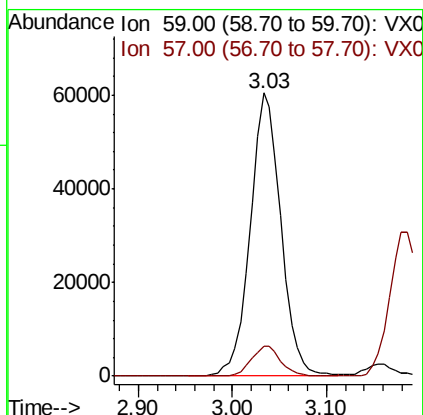
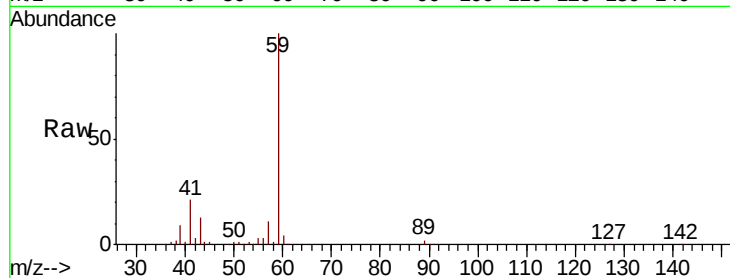


#11

Tert butyl alcohol
 Concen: 243.979 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

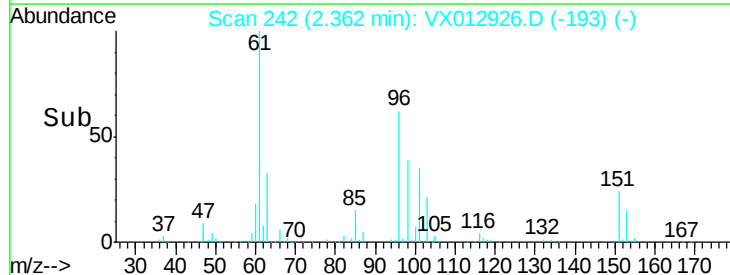
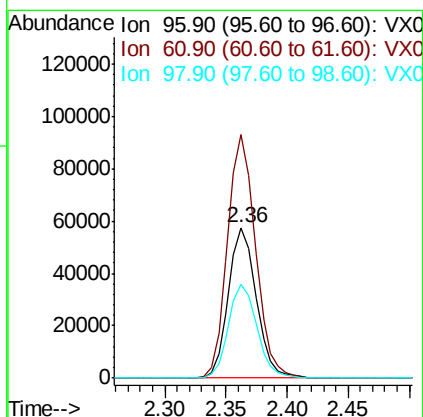
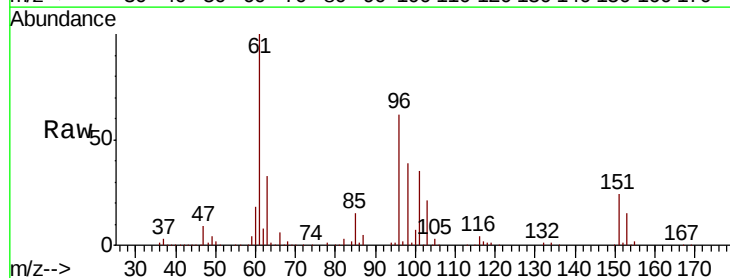
Tot Ion: 59 Resp: 138310
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

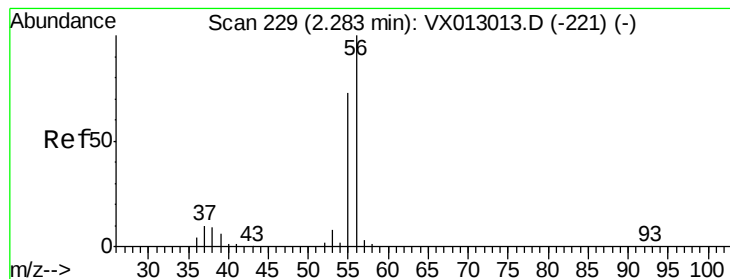


#12

1,1-Dichloroethene
 Concen: 52.603 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 96 Resp: 90951
 Ion Ratio Lower Upper
 96 100
 61 162.0 132.2 198.4
 98 62.6 50.5 75.7





#13

Acrolein

Concen: 220.264 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

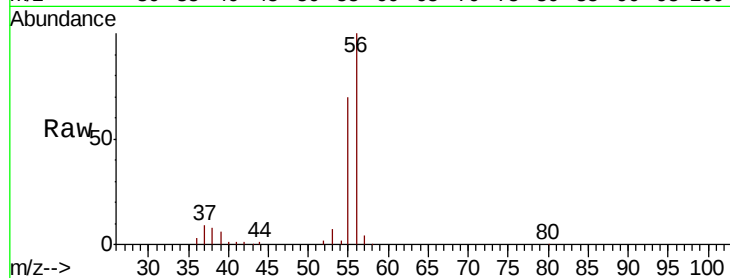
FC-MW10S-20191002MSD

Tot Ion: 56 Resp: 88737

Ion Ratio Lower Upper

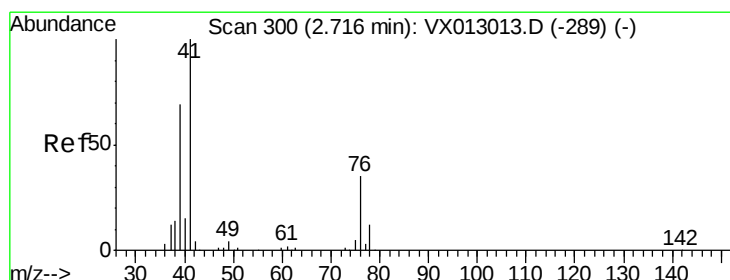
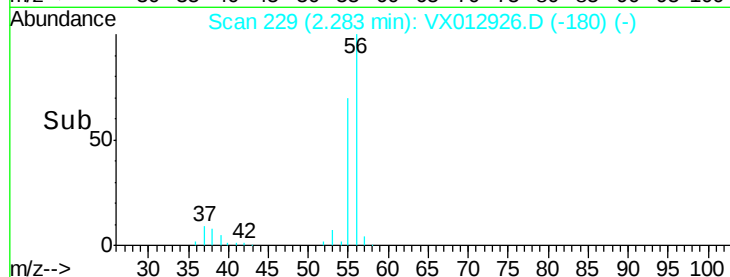
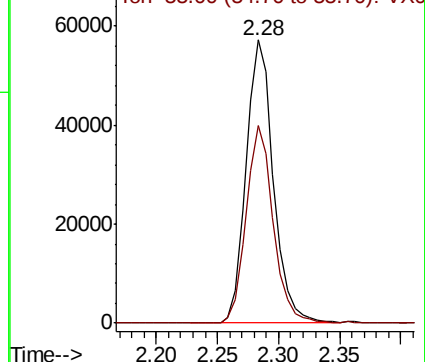
56 100

55 70.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.289 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

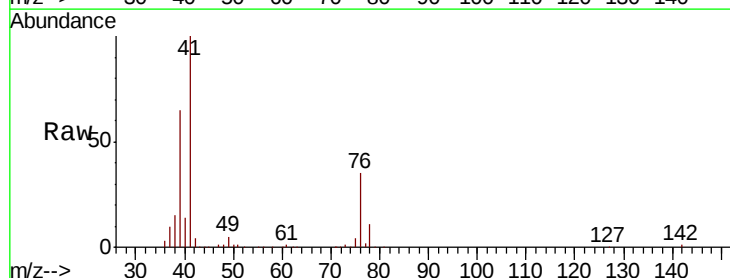
Tgt Ion: 41 Resp: 157926

Ion Ratio Lower Upper

41 100

39 62.9 51.0 76.6

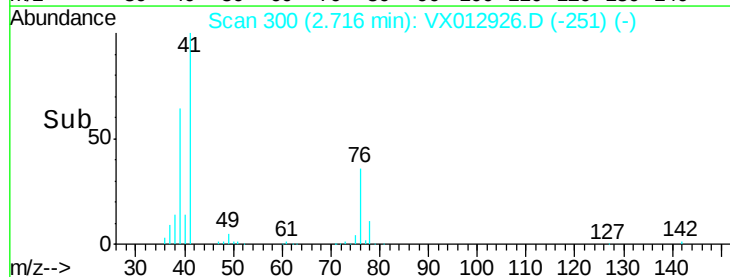
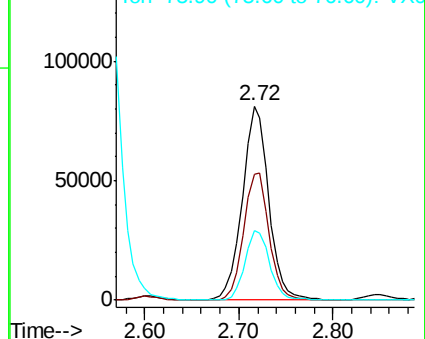
76 33.2 26.2 39.4

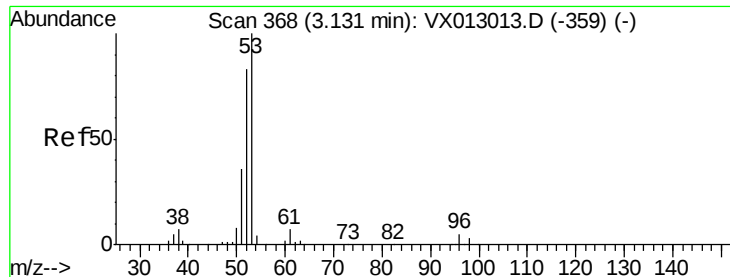


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 271.590 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

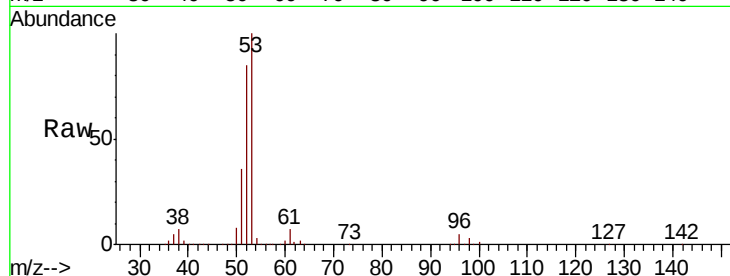
Tot Ion: 53 Resp: 291770

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

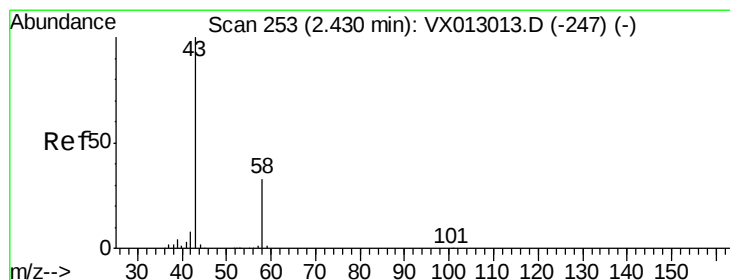
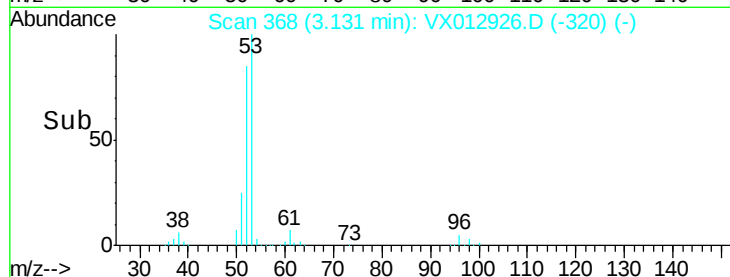
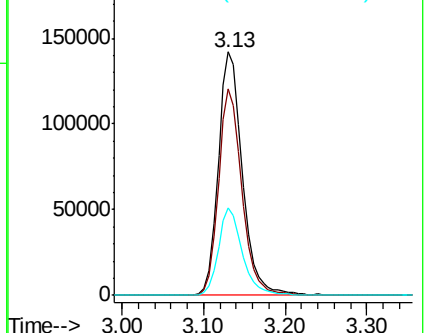
51 35.9 28.2 42.4



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: 223.494 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012926.D

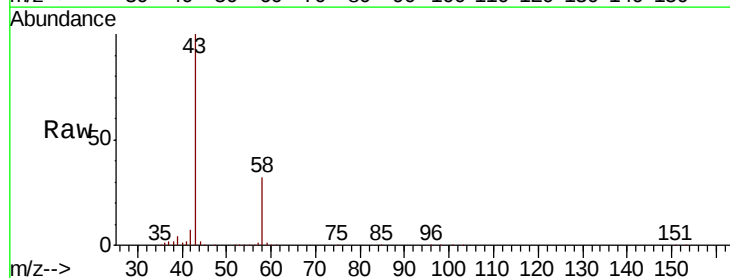
Acq: 09 Oct 2019 06:38

Tgt Ion: 43 Resp: 251921

Ion Ratio Lower Upper

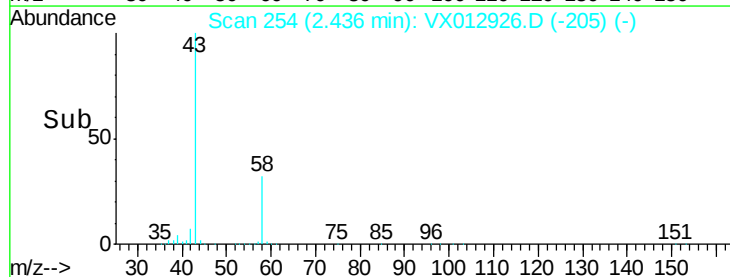
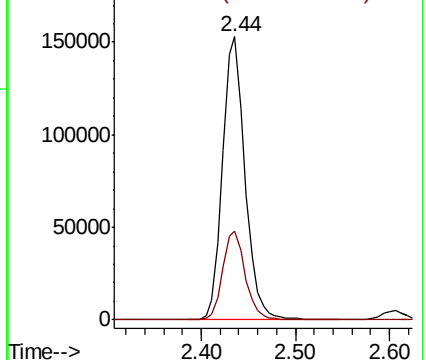
43 100

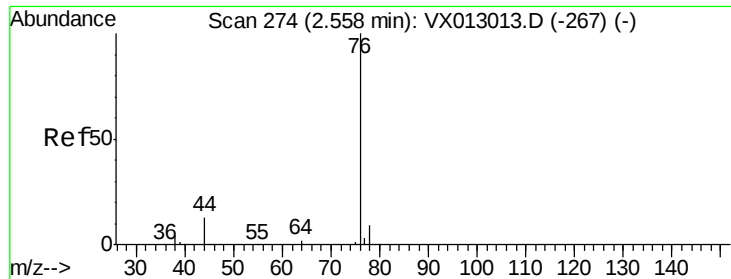
58 31.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

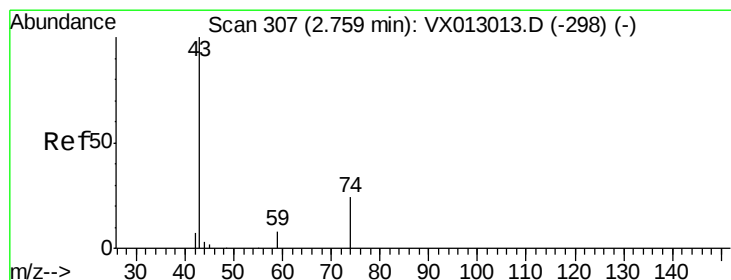
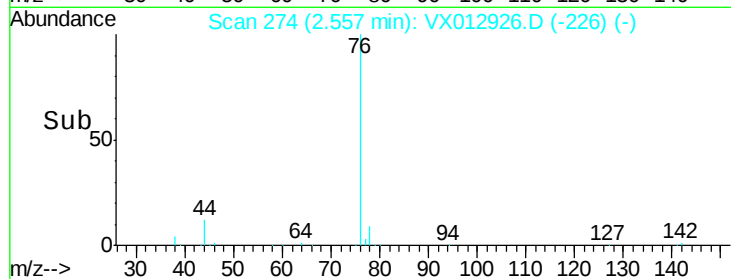
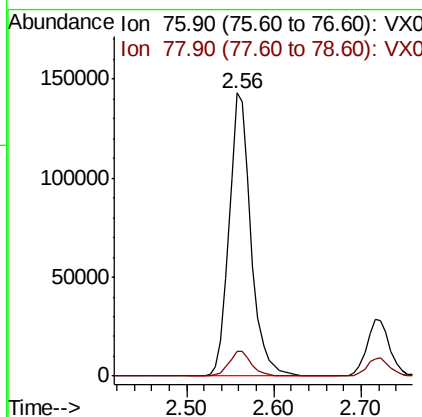
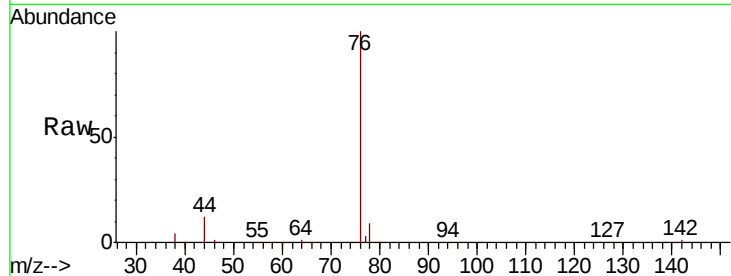




#17
Carbon Disulfide
Concen: 50.345 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

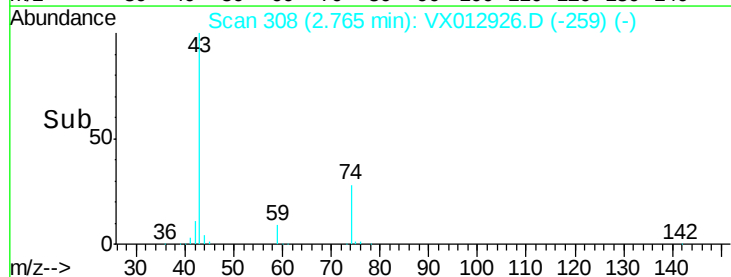
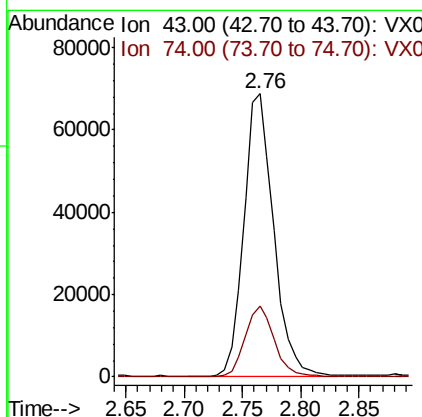
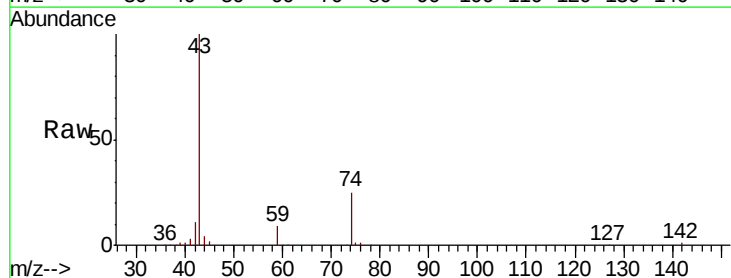
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

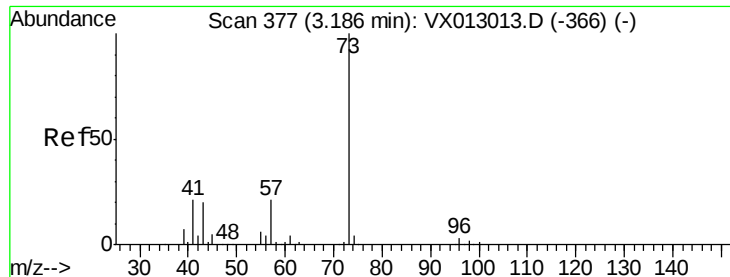
Tot Ion: 76 Resp: 248207
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 45.920 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 43 Resp: 122686
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8

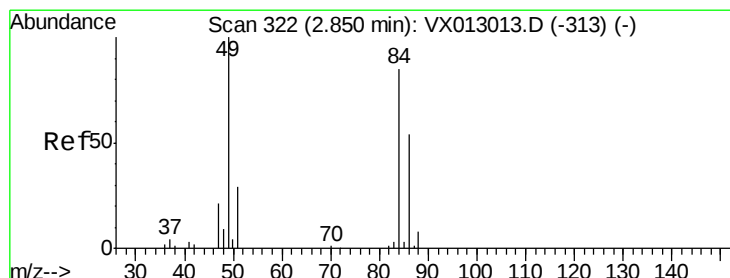
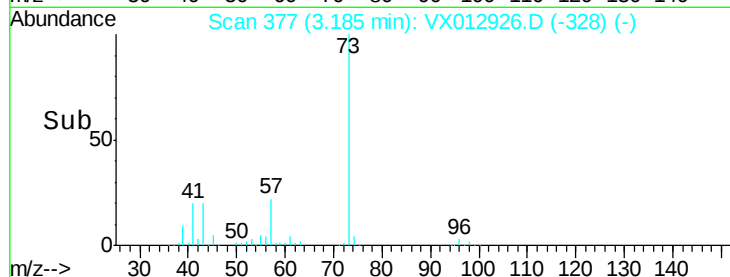
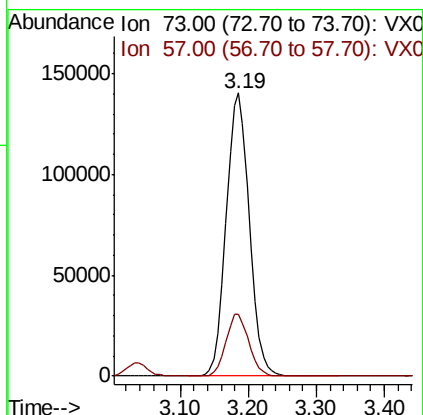
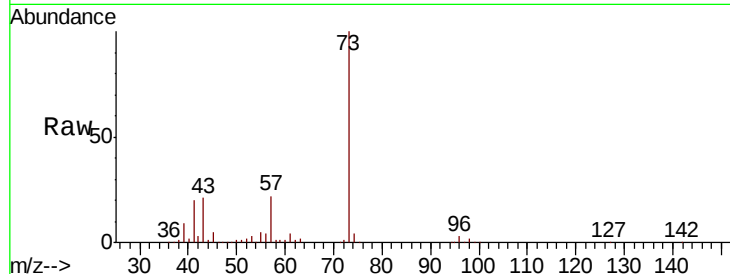




#19
Methvl tert-butvl Ether
Concen: 55.232 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

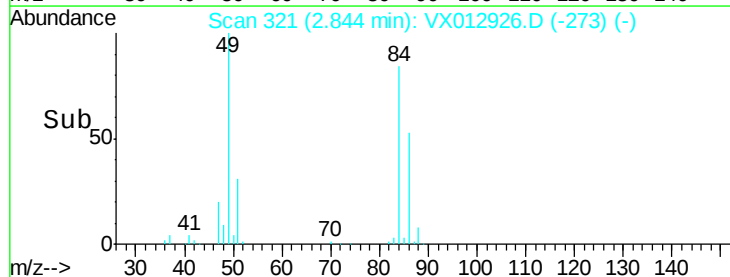
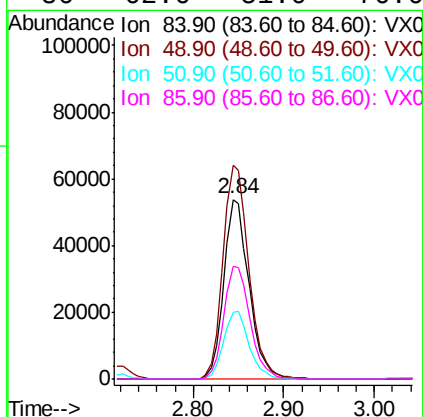
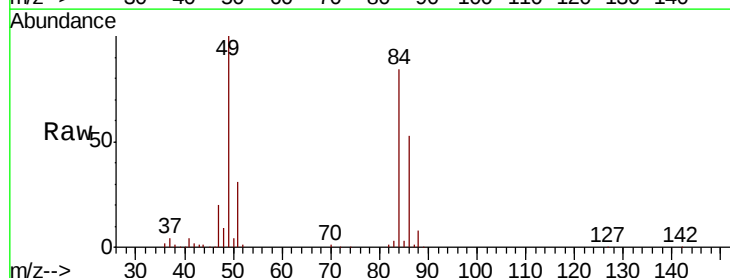
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

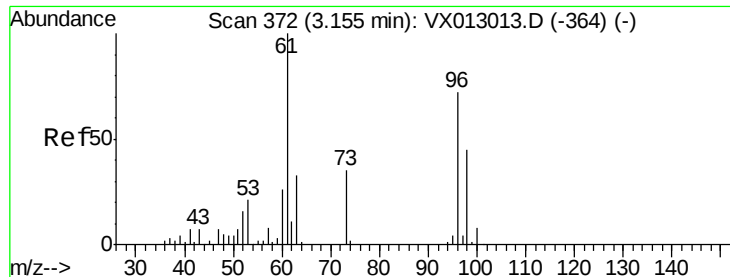
Tot Ion: 73 Resp: 329782
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 50.345 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 84 Resp: 104292
Ion Ratio Lower Upper
84 100
49 118.8 96.6 144.8
51 37.0 30.7 46.1
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.188 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

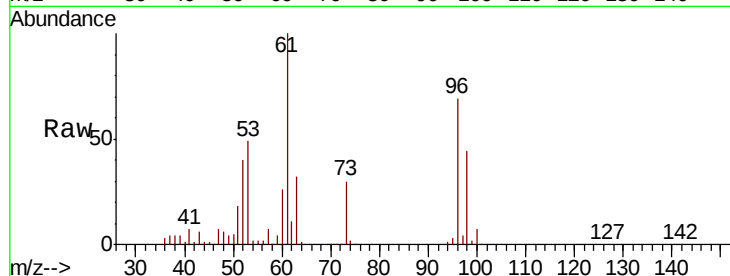
Tot Ion: 96 Resp: 98567

Ion Ratio Lower Upper

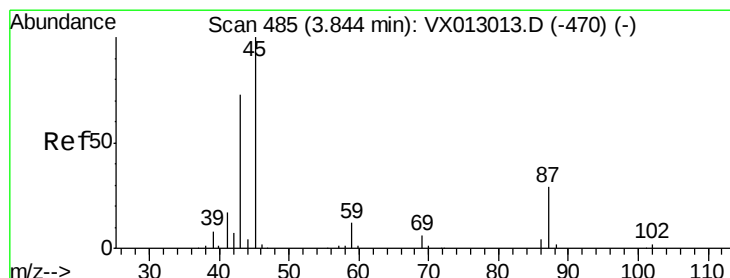
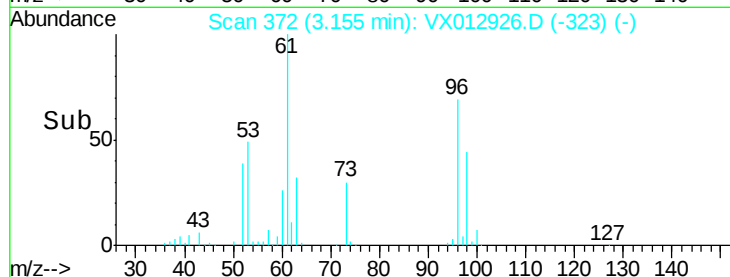
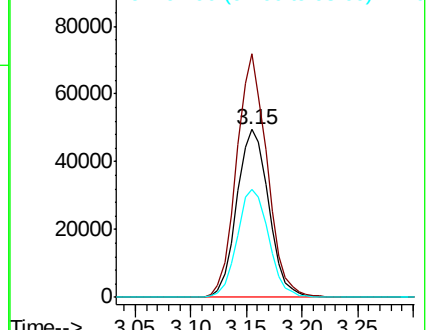
96 100

61 145.0 110.4 165.6

98 64.5 51.5 77.3



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



#22

Diisopropyl ether

Concen: 54.768 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion: 45 Resp: 323140

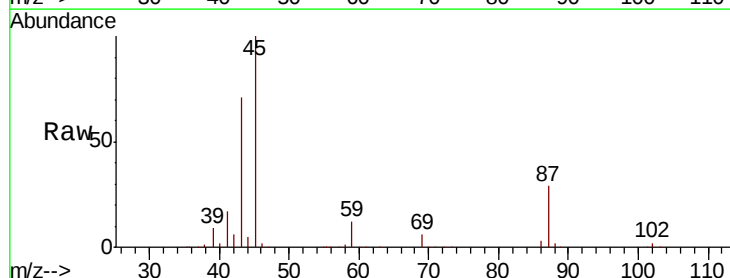
Ion Ratio Lower Upper

45 100

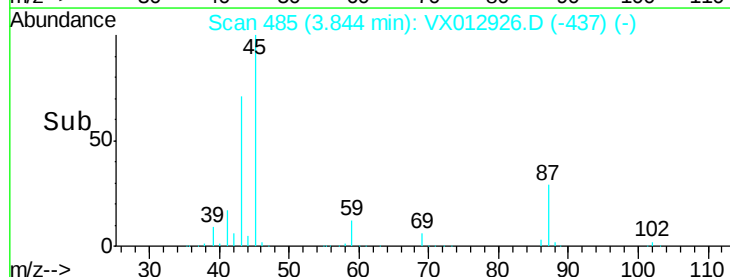
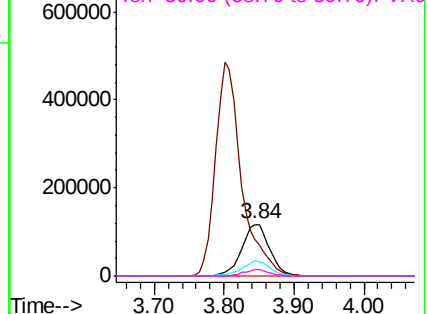
43 70.9 51.4 77.0

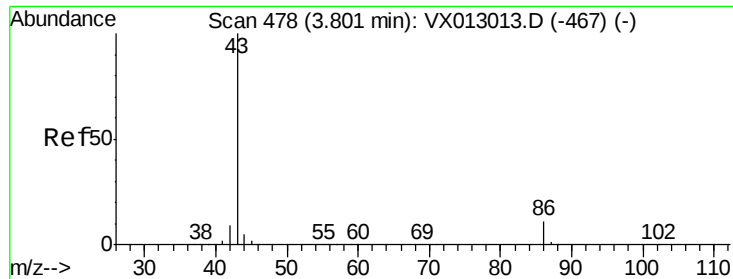
87 28.6 22.5 33.7

59 12.1 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.413 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

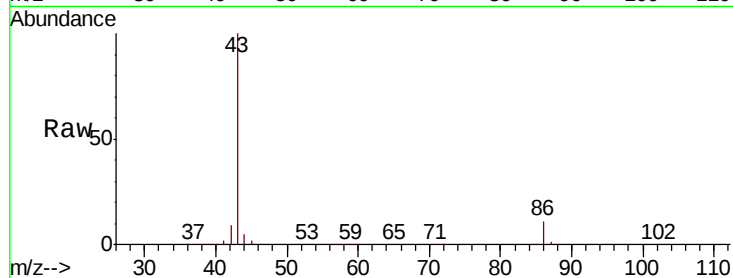
FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 1255094

Ion Ratio Lower Upper

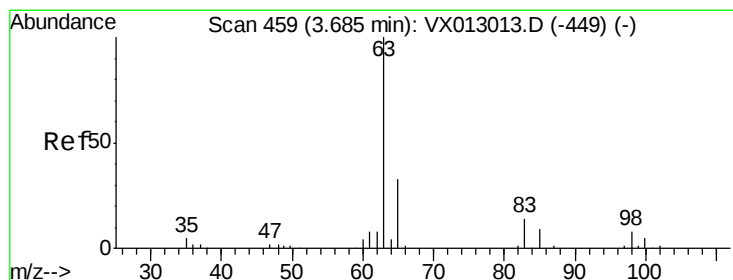
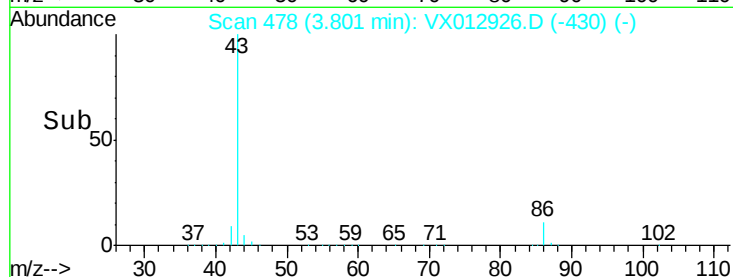
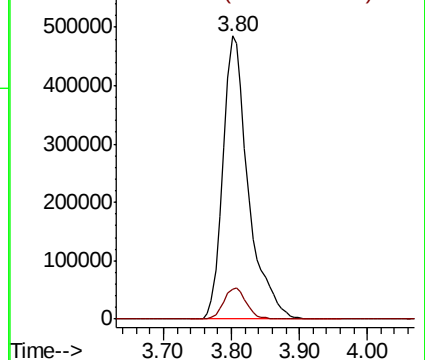
43 100

86 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.783 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

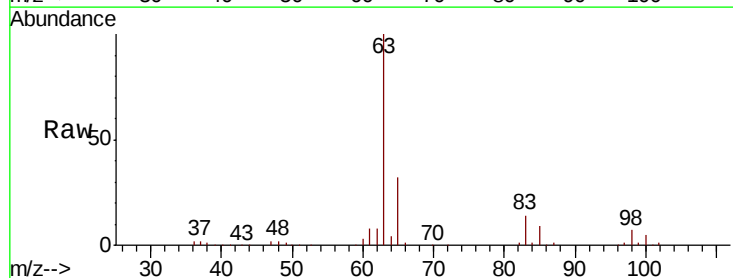
Tgt Ion: 63 Resp: 181841

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

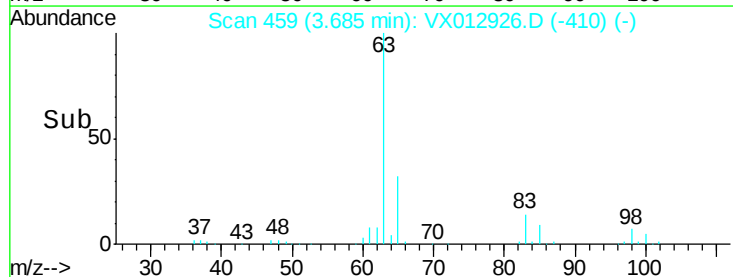
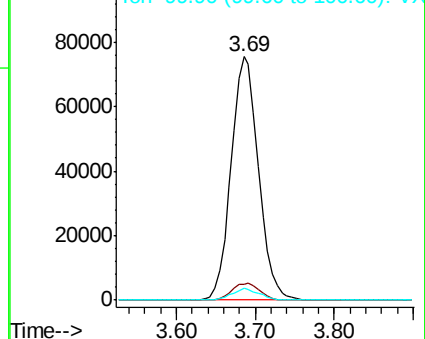
100 5.1 2.3 6.9

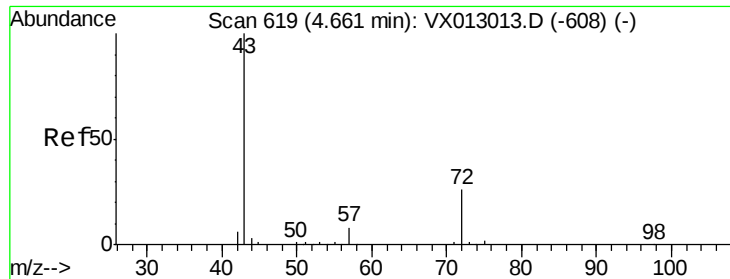


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.865 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

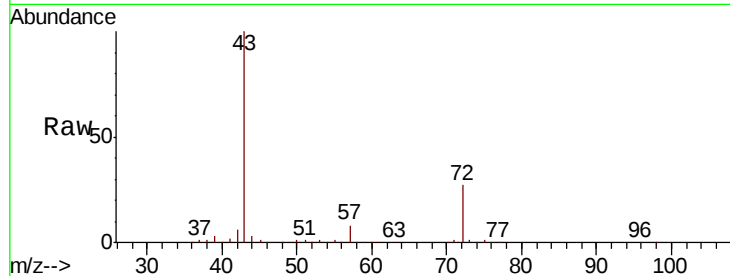
FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 398564

Ion Ratio Lower Upper

43 100

72 26.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

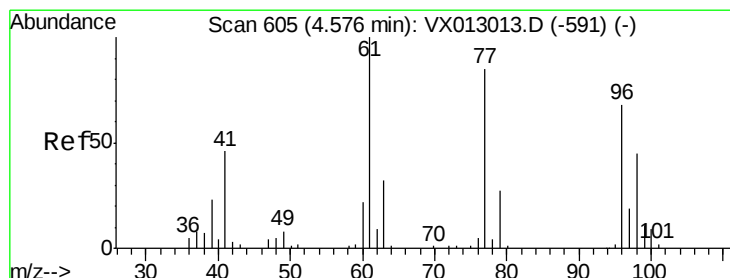
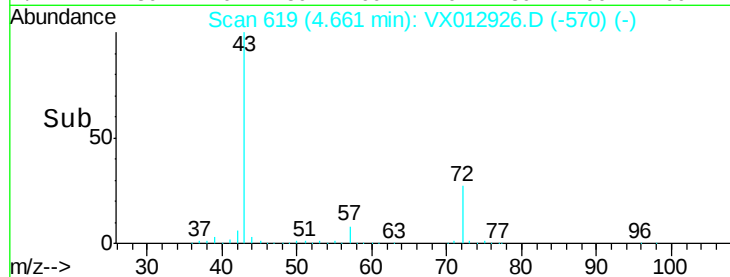
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 36.125 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012926.D

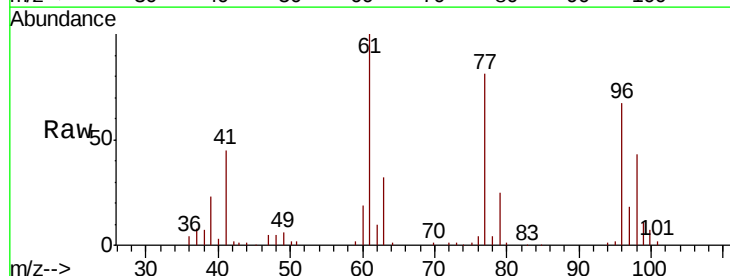
Acq: 09 Oct 2019 06:38

Tgt Ion: 77 Resp: 100833

Ion Ratio Lower Upper

77 100

97 24.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

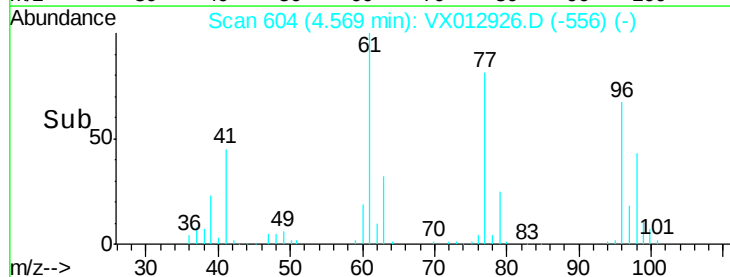
30000

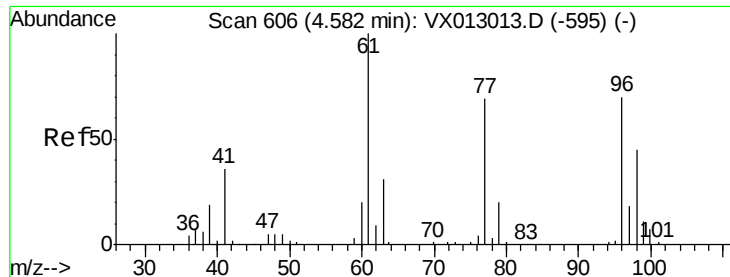
20000

10000

0

Time-->



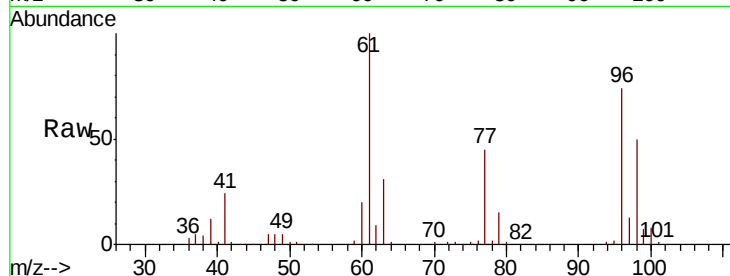


#27

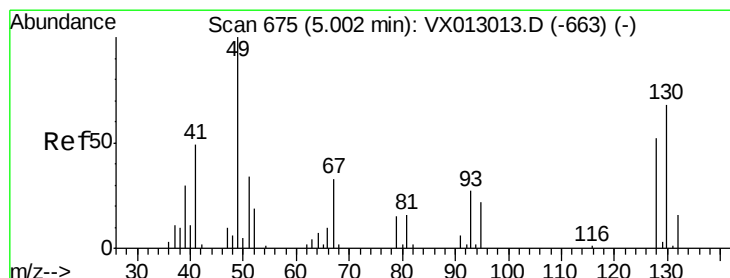
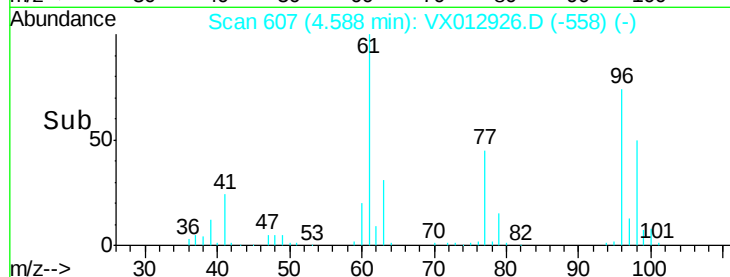
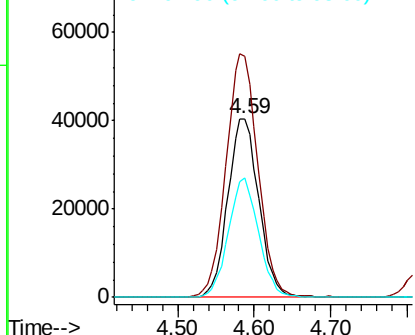
cis-1,2-Dichloroethene
Concen: 53.117 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion: 96 Resp: 113464
Ion Ratio Lower Upper
96 100
61 139.9 0.0 290.6
98 64.8 0.0 128.8



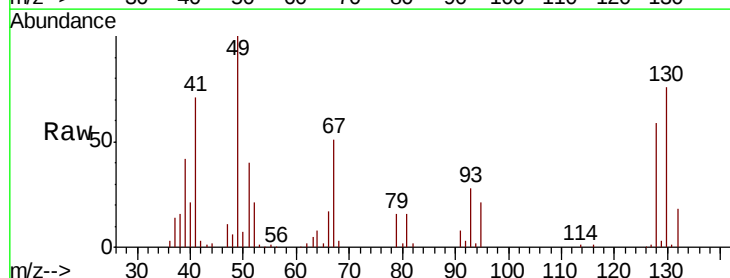
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



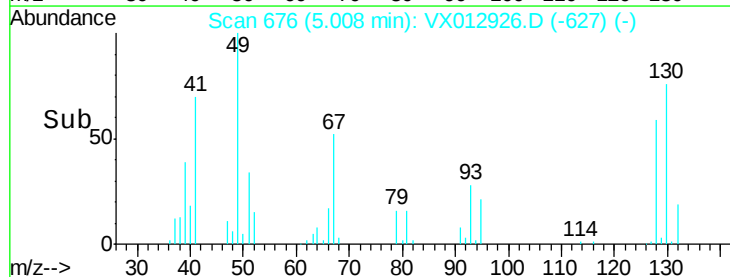
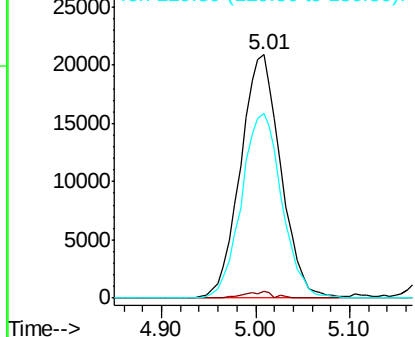
#28

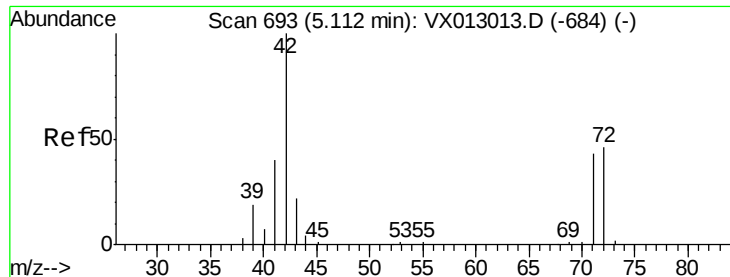
Bromochloromethane
Concen: 63.084 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 49 Resp: 62462
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 76.1 62.1 93.1



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

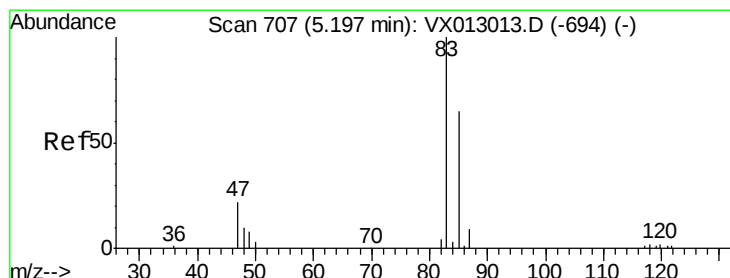
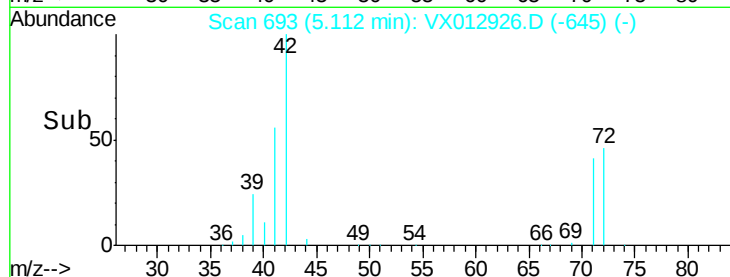
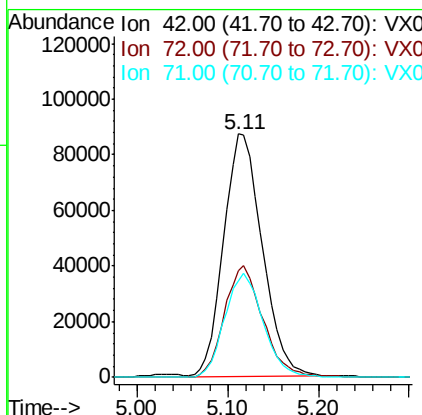
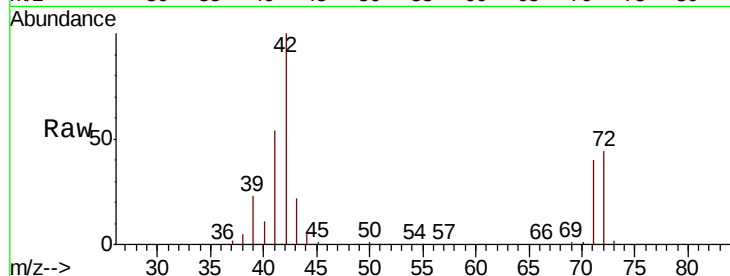




#29
Tetrahydrofuran
Concen: 269.233 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

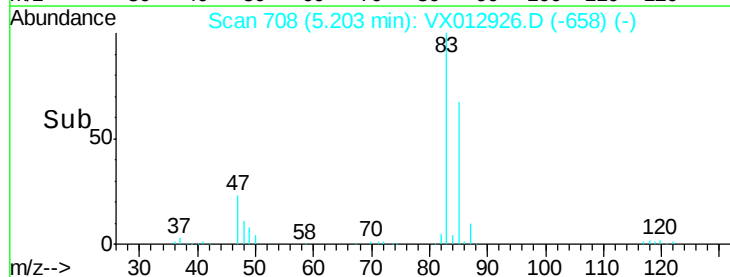
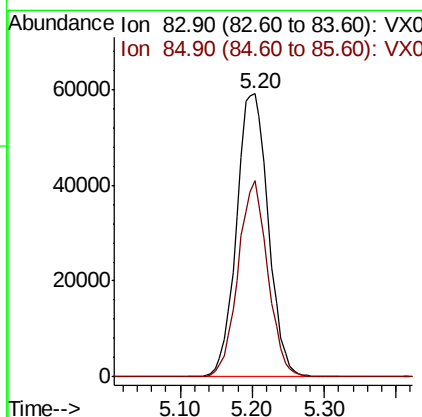
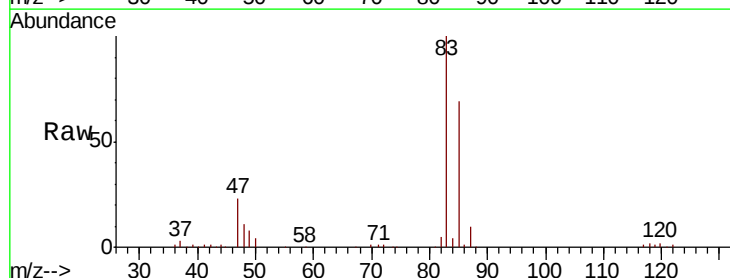
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

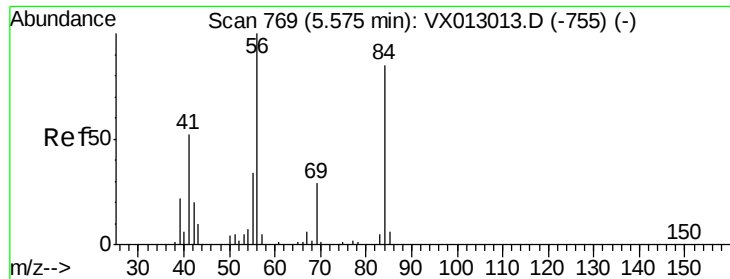
Tot Ion: 42 Resp: 259089
Ion Ratio Lower Upper
42 100
72 46.0 36.9 55.3
71 42.8 33.5 50.3



#30
Chloroform
Concen: 53.097 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 83 Resp: 180843
Ion Ratio Lower Upper
83 100
85 69.2 51.5 77.3

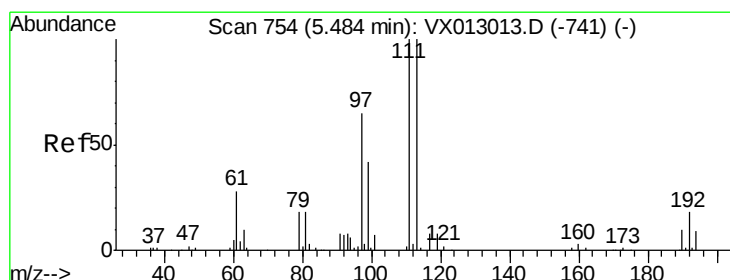
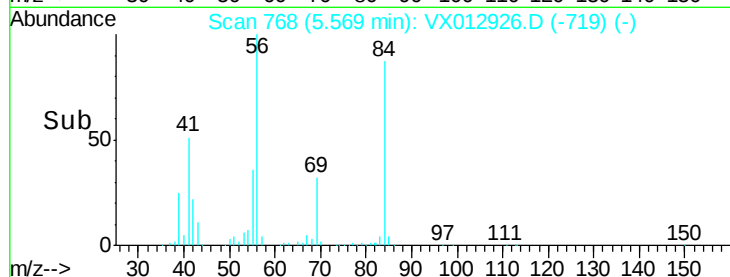
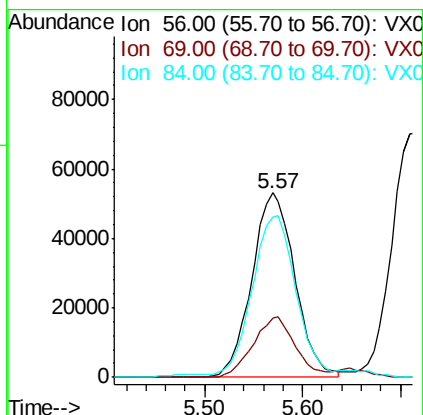
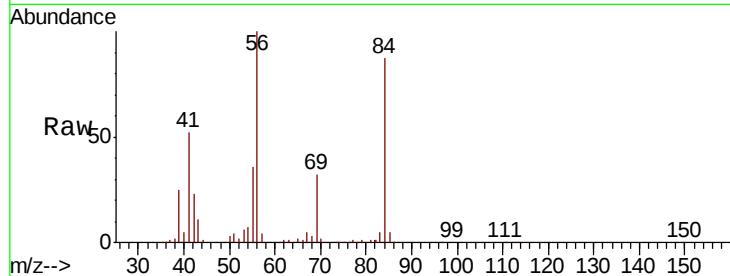




#31
Cyclohexane
Concen: 52.202 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

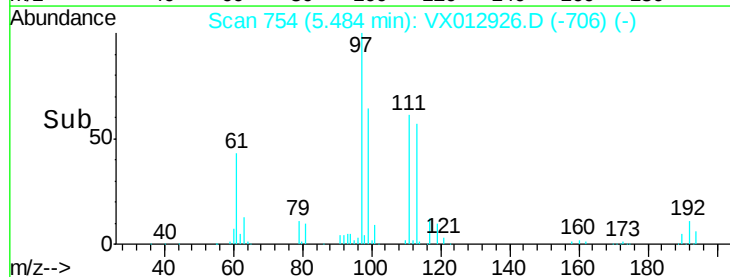
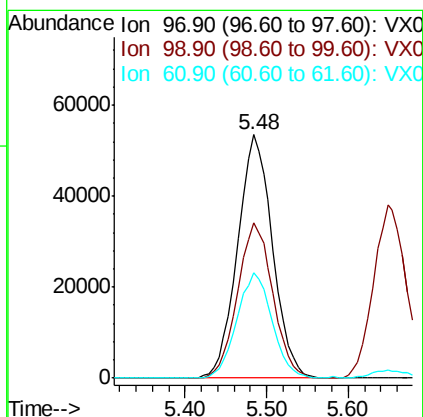
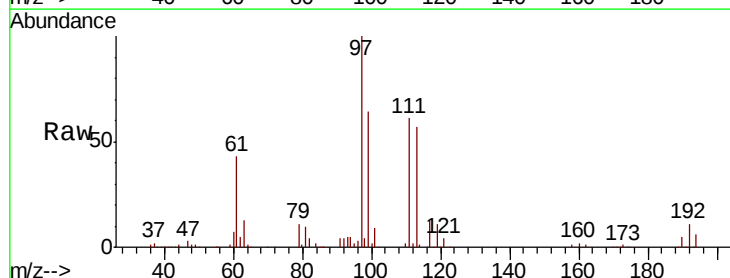
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

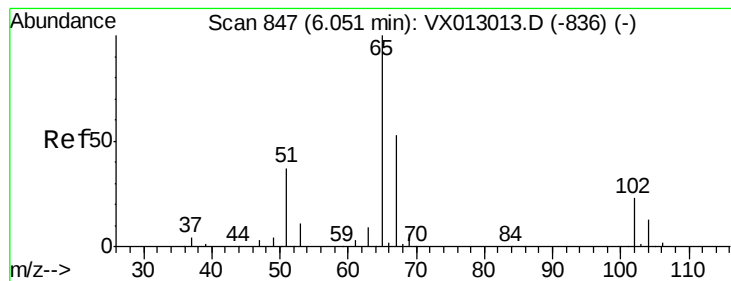
Tot Ion: 56 Resp: 162023
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 85.3 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 55.150 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 97 Resp: 159154
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 43.6 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 53.084 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

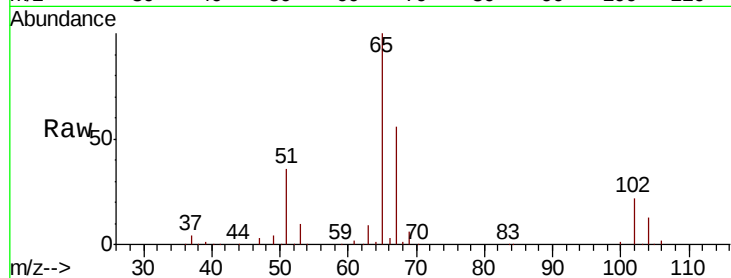
FC-MW10S-20191002MSD

Tot Ion: 65 Resp: 113519

Ion Ratio Lower Upper

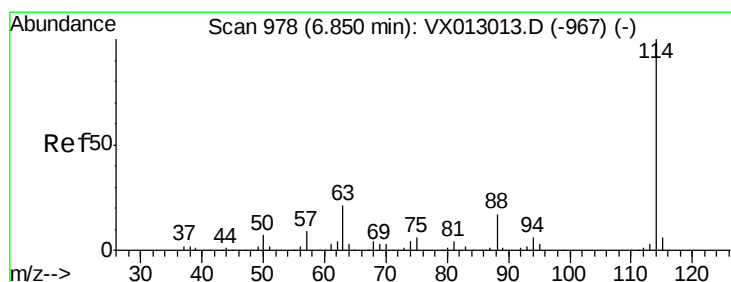
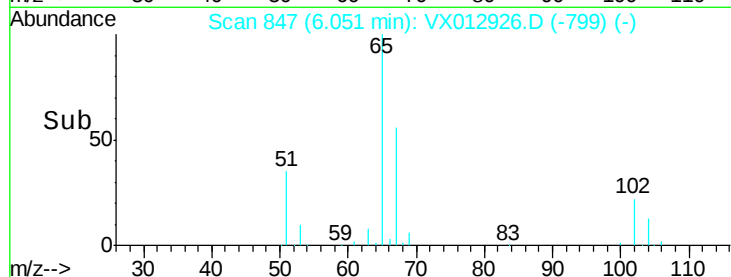
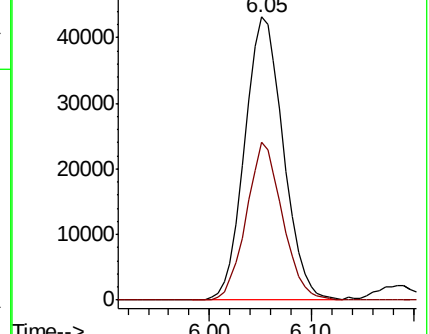
65 100

67 52.1 0.0 104.4



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: VX012926.D

Acq: 09 Oct 2019 06:38

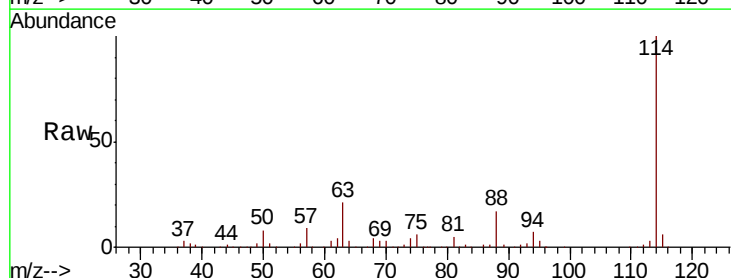
Tgt Ion: 114 Resp: 301238

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

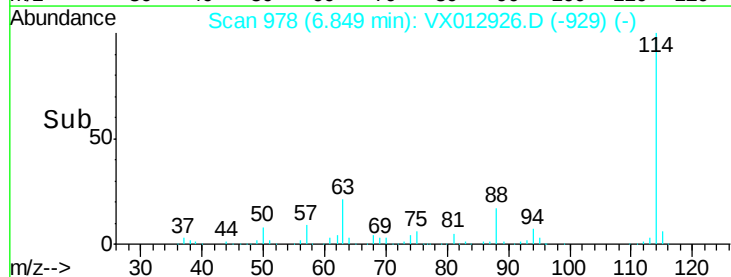
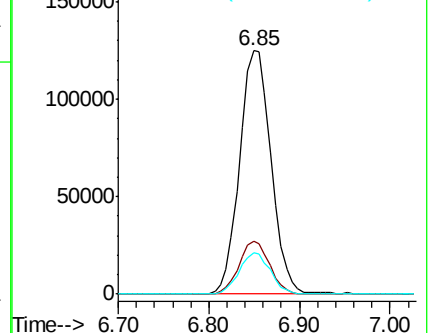
88 17.1 0.0 33.8

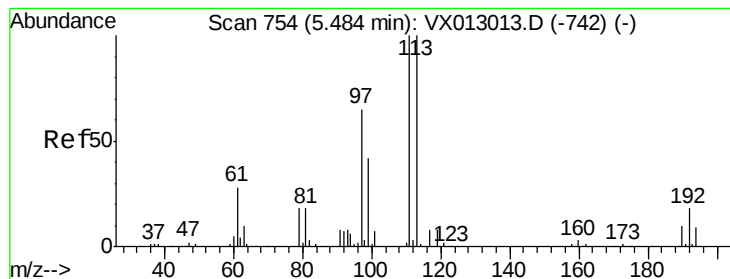


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.511 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

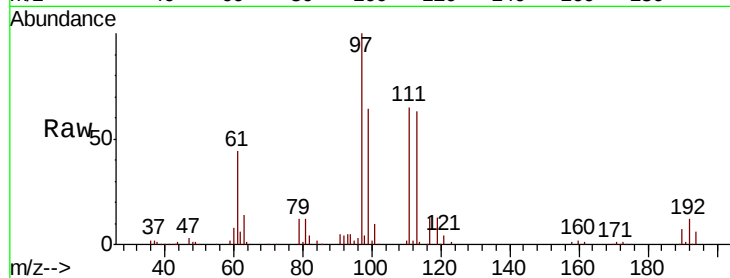
Tot Ion:113 Resp: 90788

Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

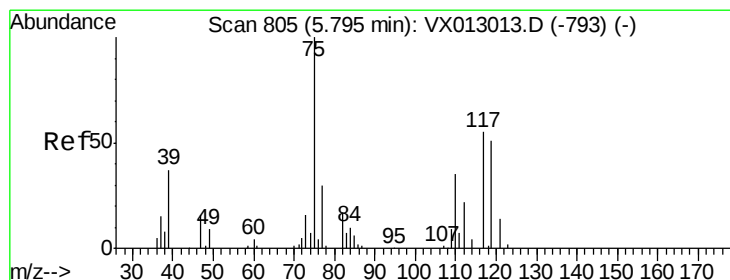
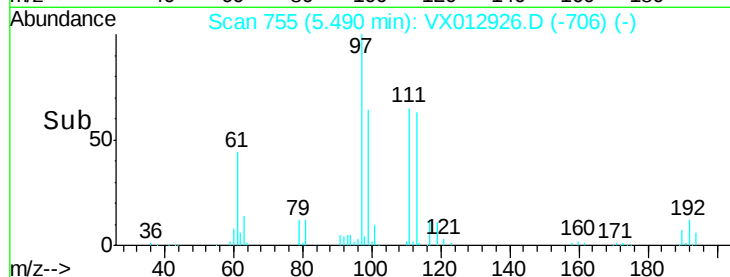
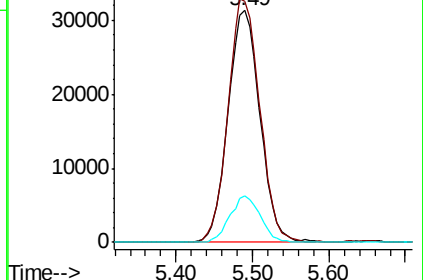
192 19.1 15.4 23.2



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: 51.158 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

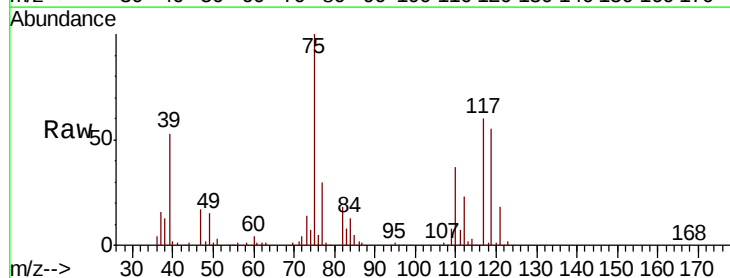
Tgt Ion: 75 Resp: 135491

Ion Ratio Lower Upper

75 100

110 36.3 17.6 52.9

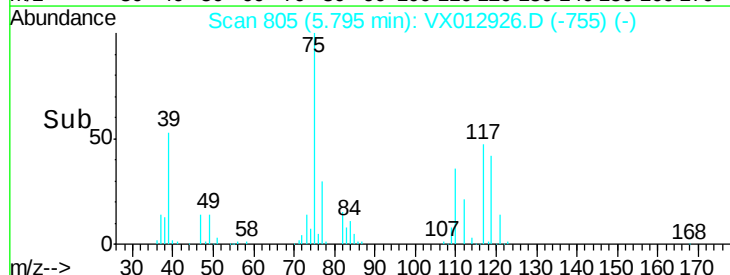
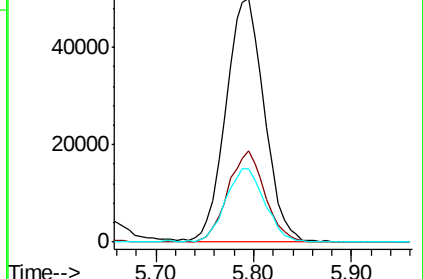
77 31.0 24.4 36.6

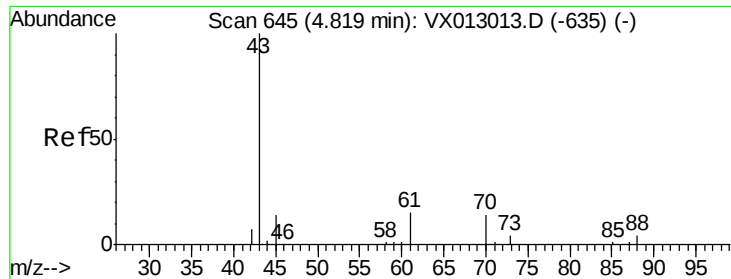


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

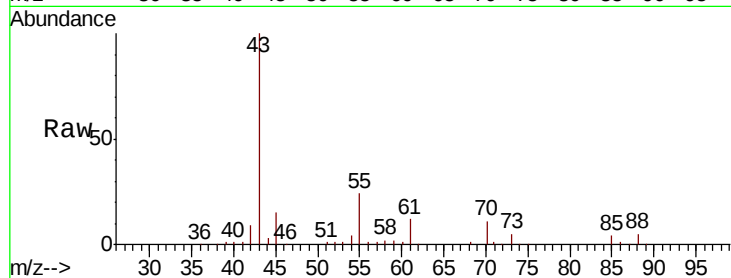




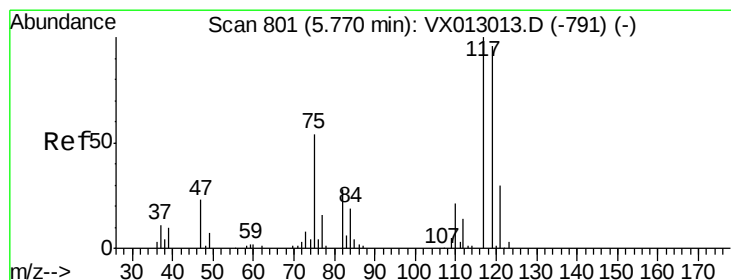
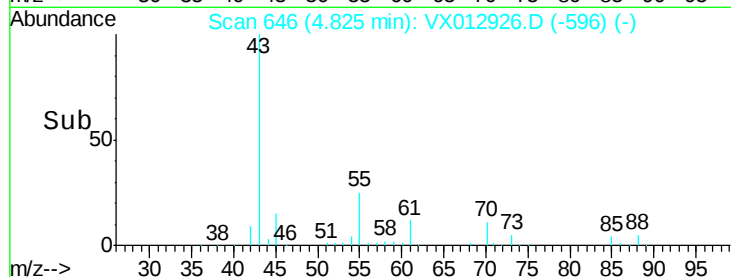
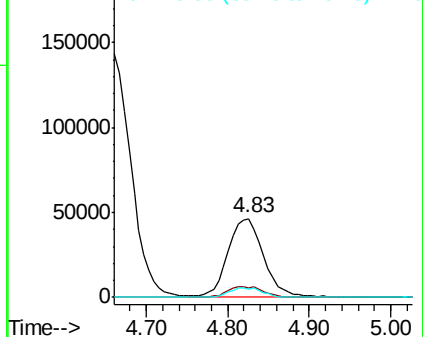
#37
Ethyl Acetate
Concen: 46.850 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 138747
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 11.9 9.8 14.6

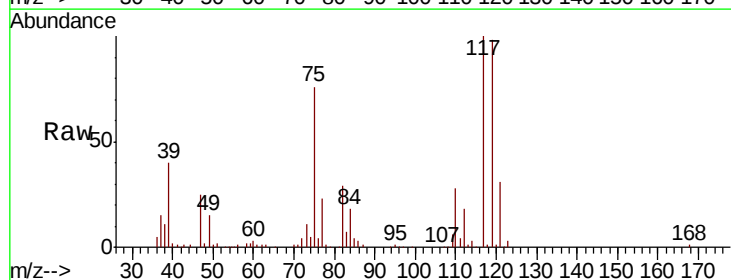


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

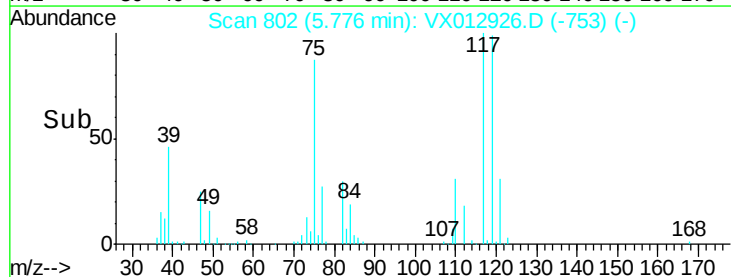
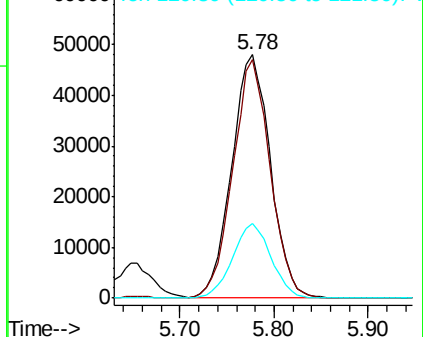


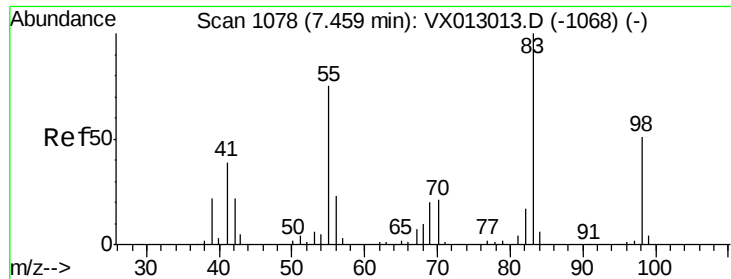
#38
Carbon Tetrachloride
Concen: 53.461 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 117 Resp: 137817
Ion Ratio Lower Upper
117 100
119 97.8 74.5 111.7
121 30.5 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

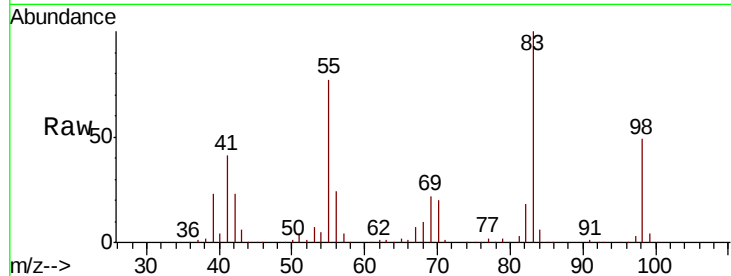




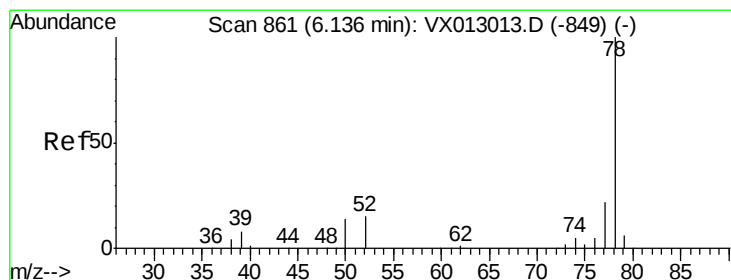
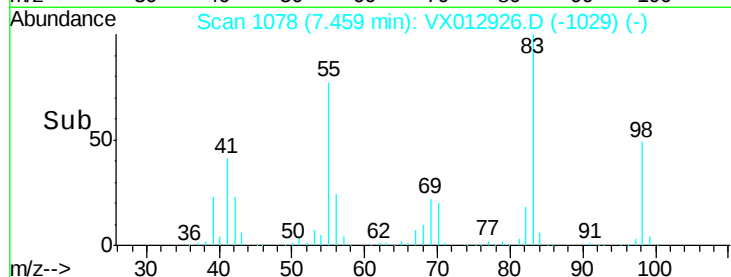
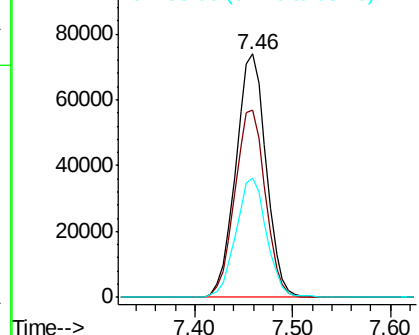
#39
Methvlcvclohexane
Concen: 49.550 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.2	90.4
98	49.2	38.5	57.7

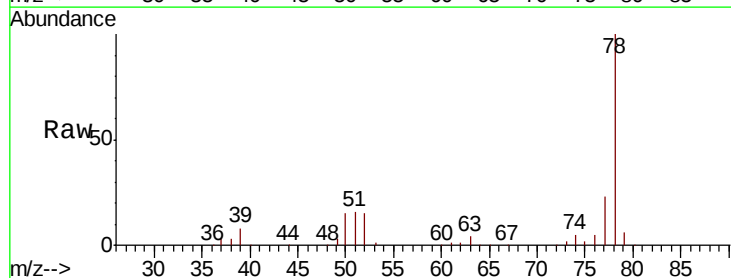


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

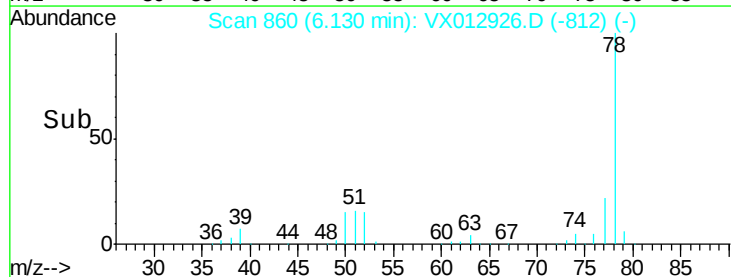
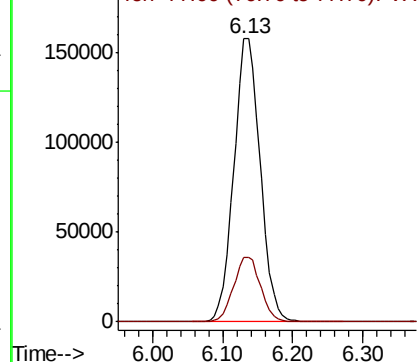


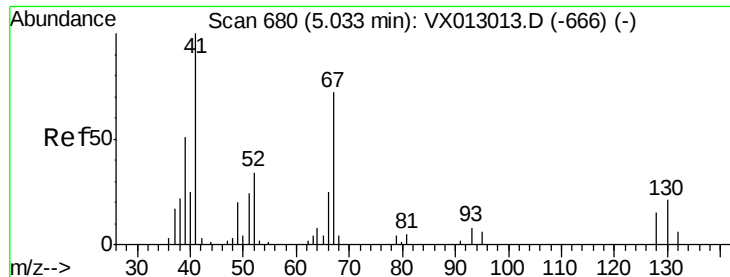
#40
Benzene
Concen: 52.799 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.519 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 41 Resp: 85466

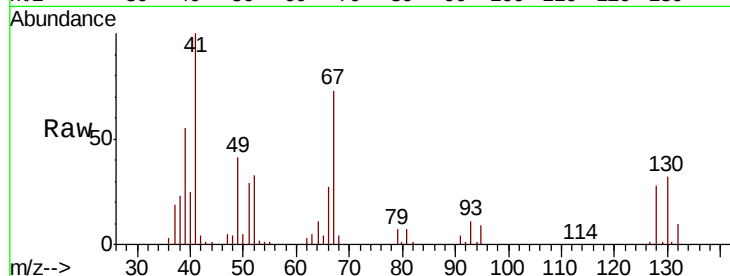
Ion Ratio Lower Upper

41 100

39 56.1 44.0 66.0

67 71.7 58.5 87.7

52 28.4 23.8 35.8

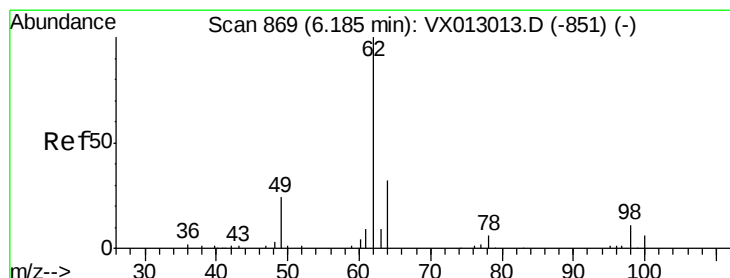
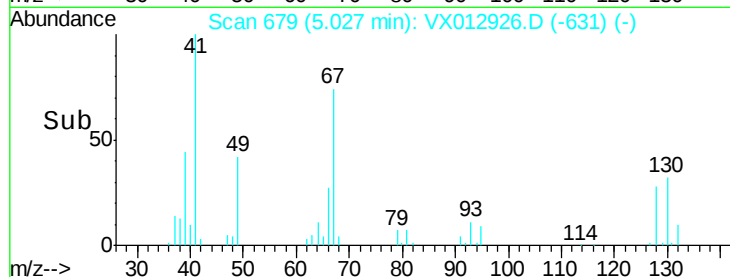
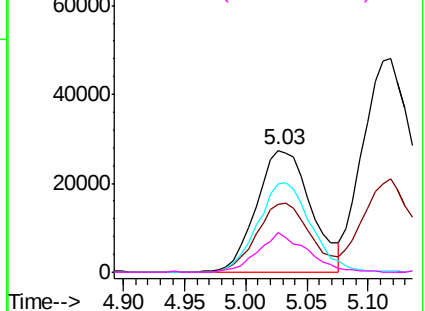


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.785 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012926.D

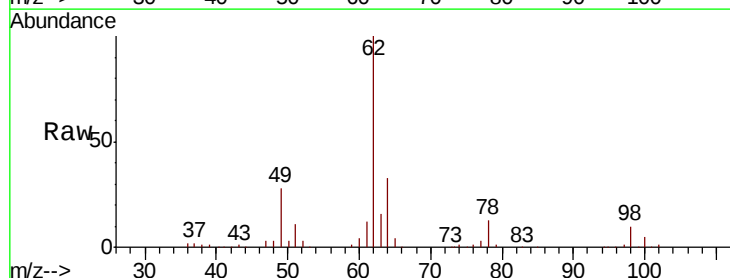
Acq: 09 Oct 2019 06:38

Tgt Ion: 62 Resp: 148161

Ion Ratio Lower Upper

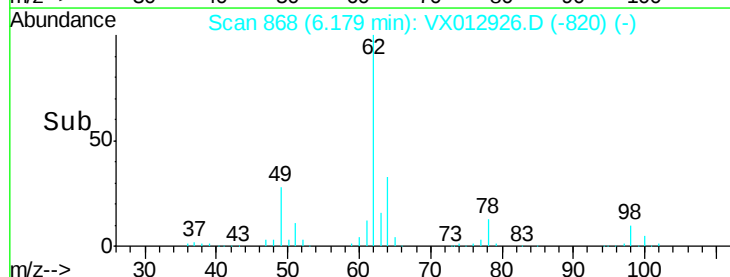
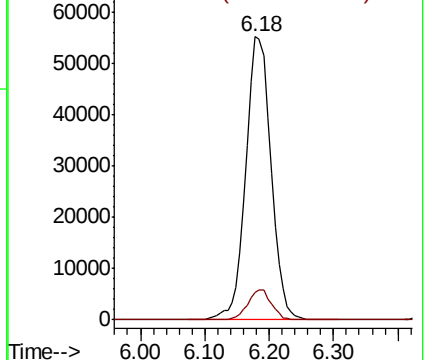
62 100

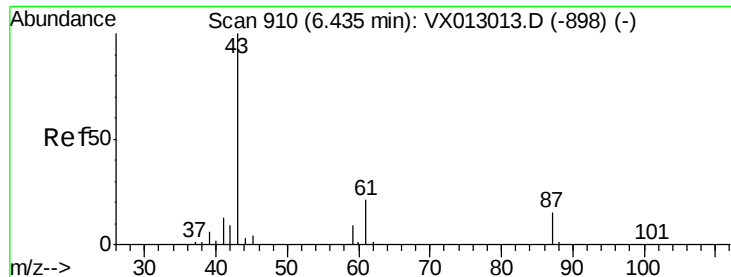
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



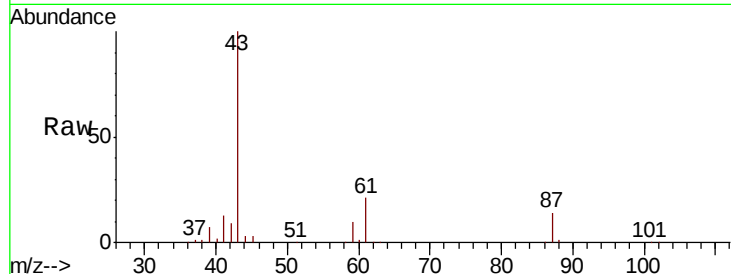


#43

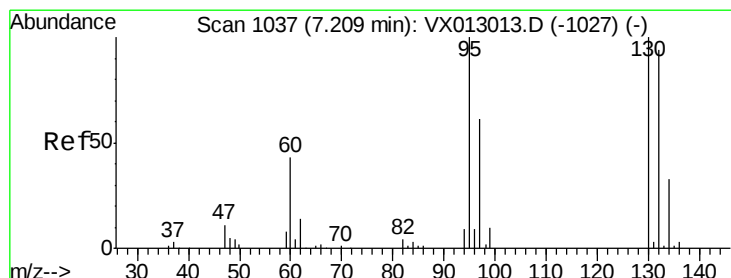
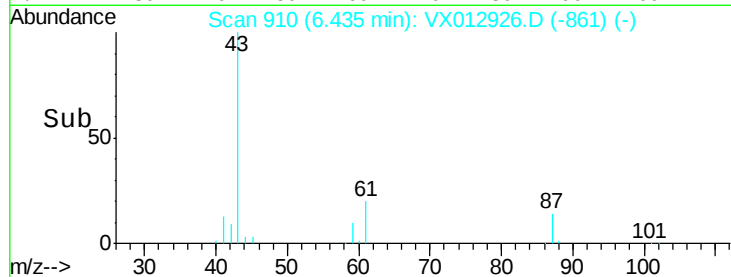
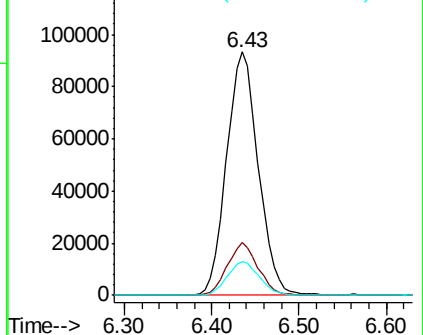
Isopropyl Acetate
 Concen: 49.394 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 234787
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.6 24.8
 87 14.0 11.0 16.6



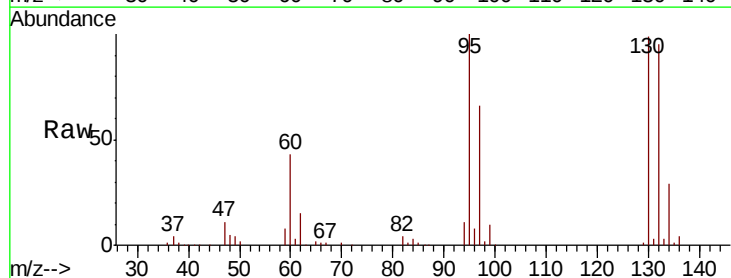
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



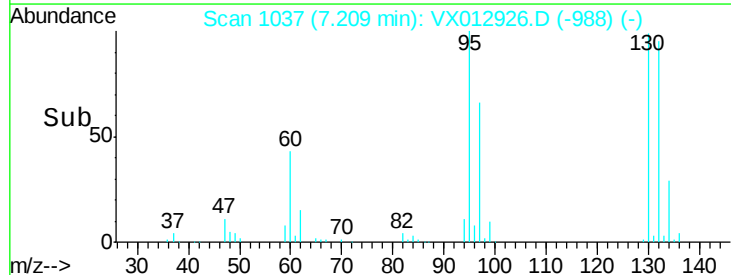
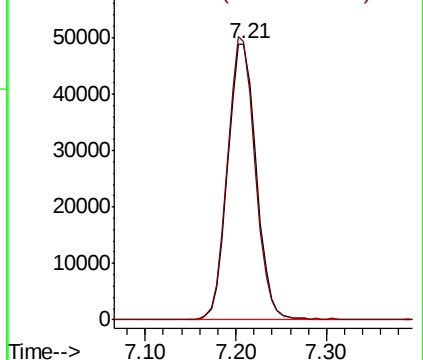
#44

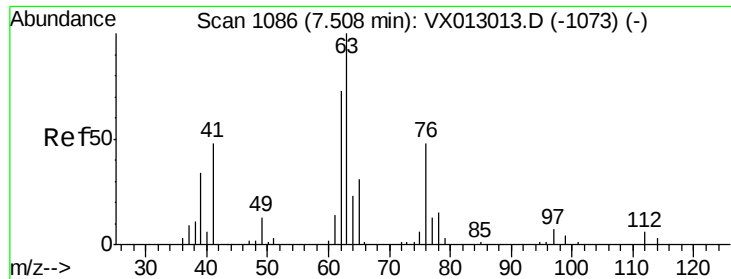
Trichloroethene
 Concen: 49.266 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 130 Resp: 106865
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 189.2



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





#45

1,2-Dichloropropane

Concen: 53.518 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

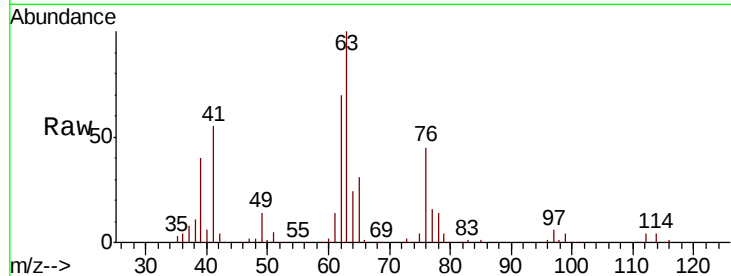
FC-MW10S-20191002MSD

Tot Ion: 63 Resp: 106698

Ion Ratio Lower Upper

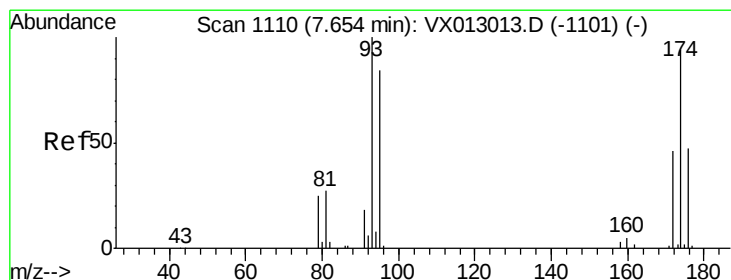
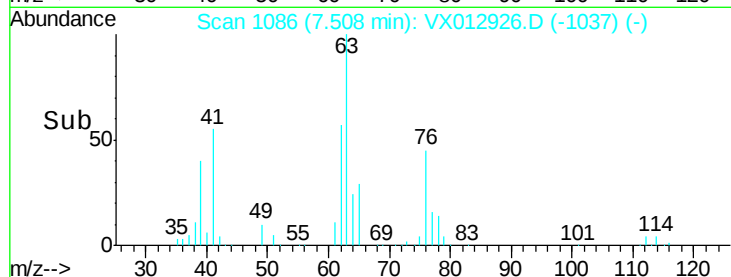
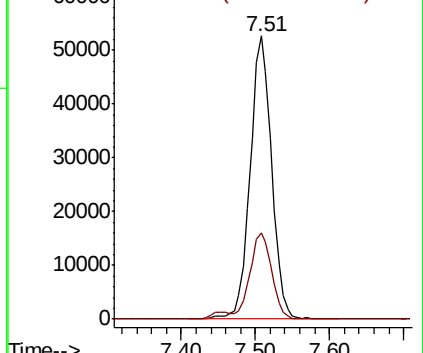
63 100

65 30.5 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.573 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

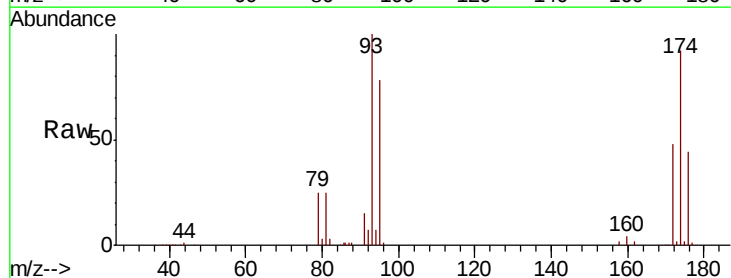
Tgt Ion: 93 Resp: 71161

Ion Ratio Lower Upper

93 100

95 82.1 66.3 99.5

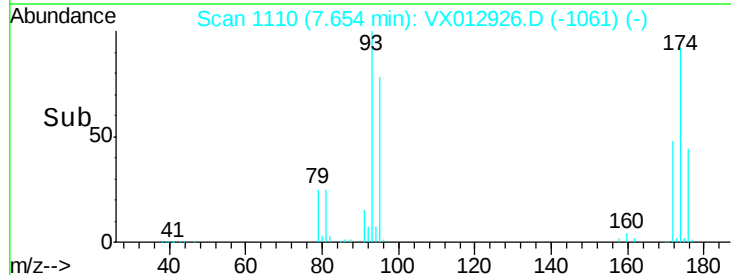
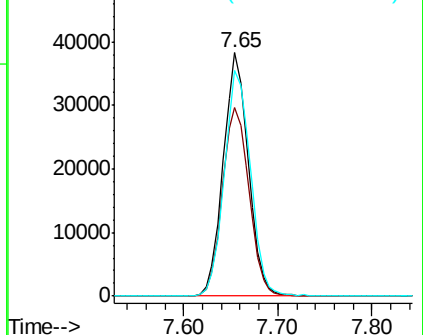
174 96.4 77.8 116.6

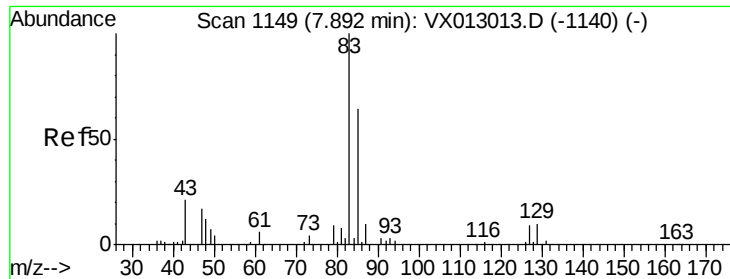


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.570 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

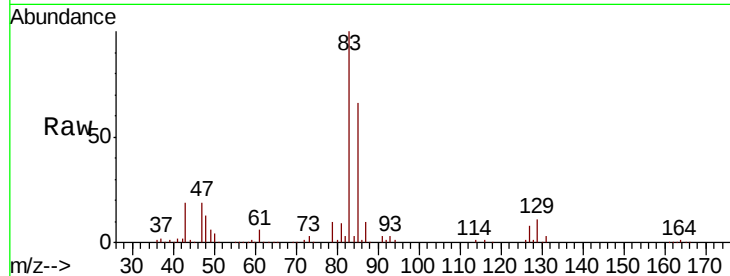
Tot Ion: 83 Resp: 138863

Ion Ratio Lower Upper

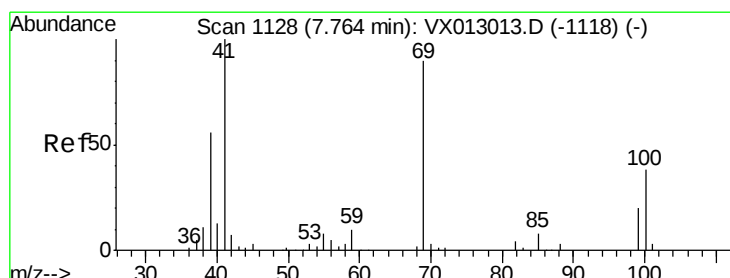
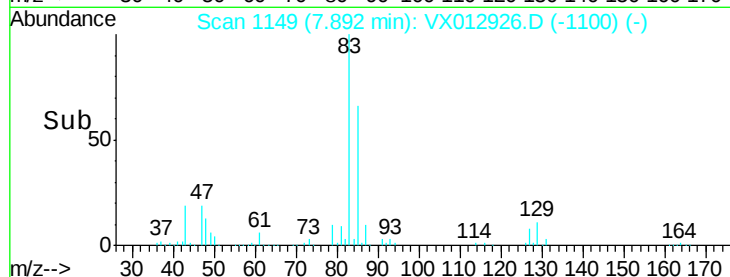
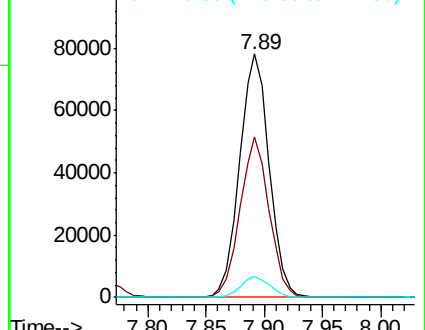
83 100

85 65.9 52.4 78.6

127 8.4 6.6 10.0



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: 52.879 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

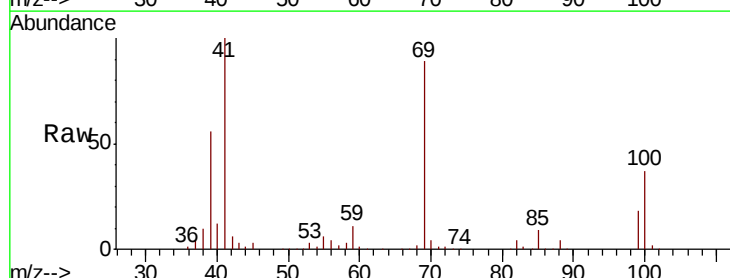
Tgt Ion: 41 Resp: 122487

Ion Ratio Lower Upper

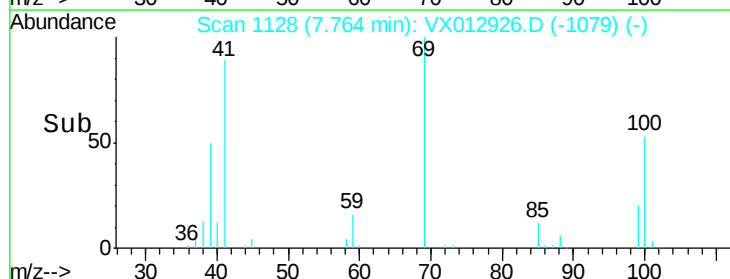
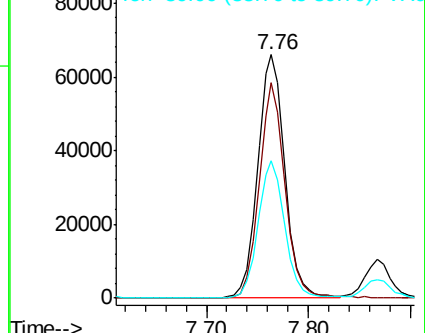
41 100

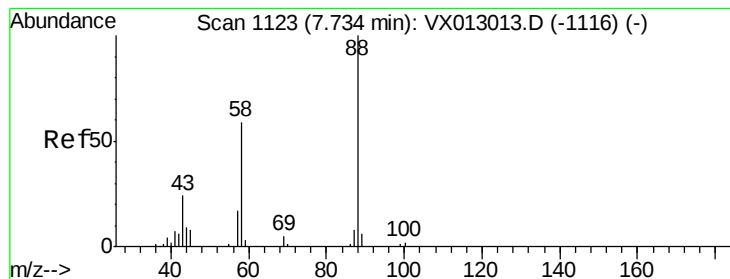
69 84.4 68.7 103.1

39 55.4 44.3 66.5



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: 928.938 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

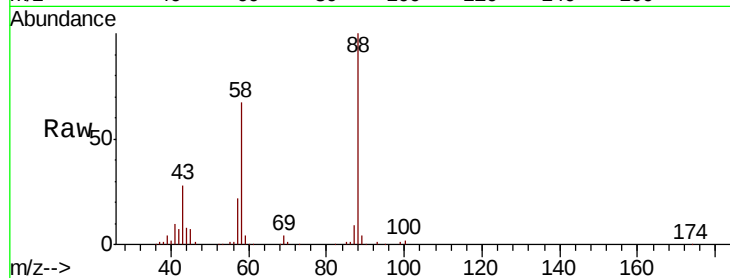
Tot Ion: 88 Resp: 57583

Ion Ratio Lower Upper

88 100

43 32.5 25.0 37.6

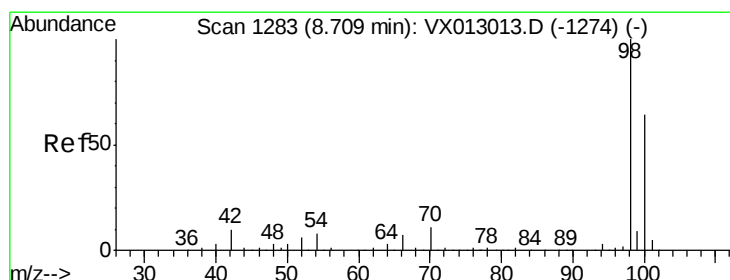
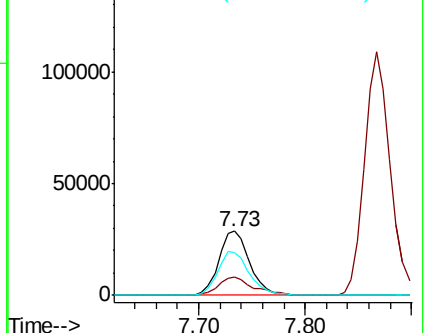
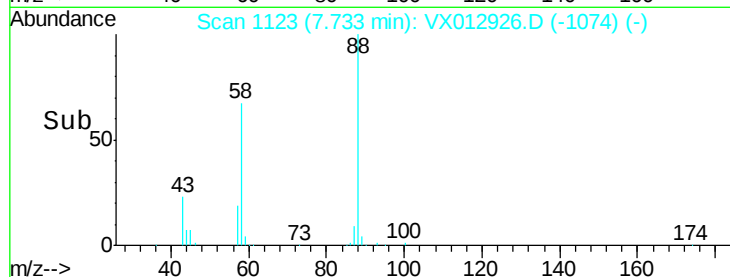
58 70.5 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.910 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012926.D

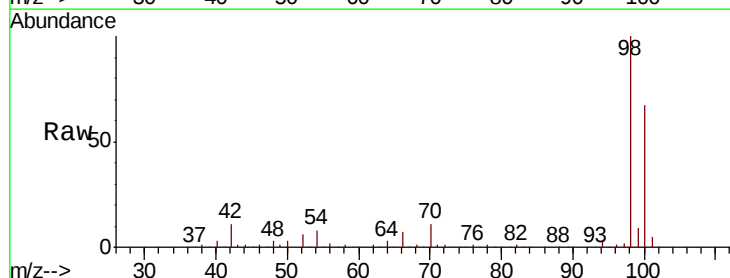
Acq: 09 Oct 2019 06:38

Tgt Ion: 98 Resp: 343301

Ion Ratio Lower Upper

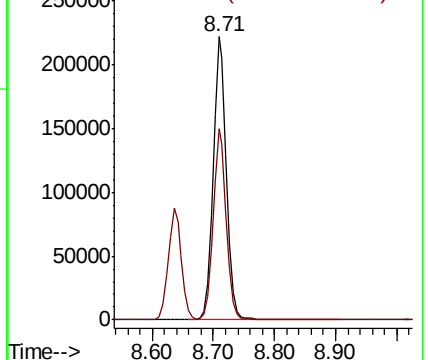
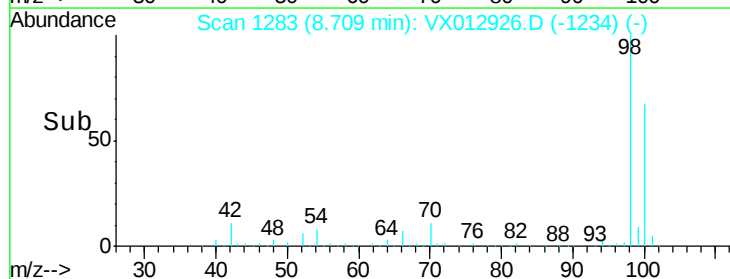
98 100

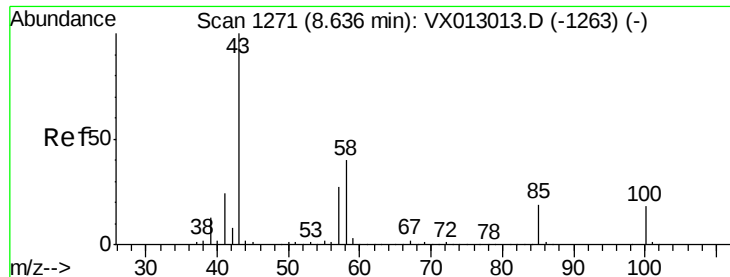
100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 263.124 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

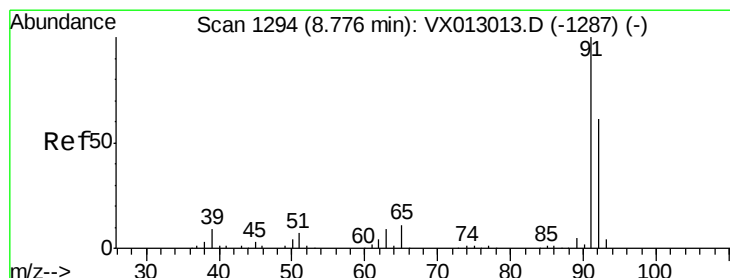
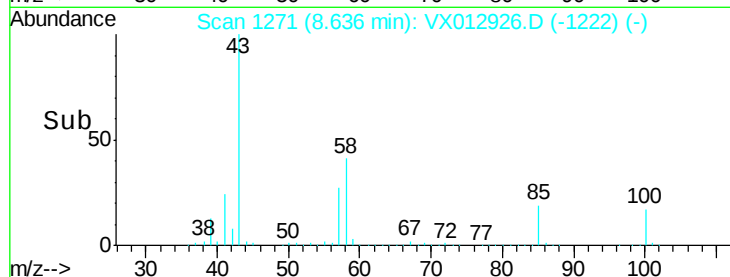
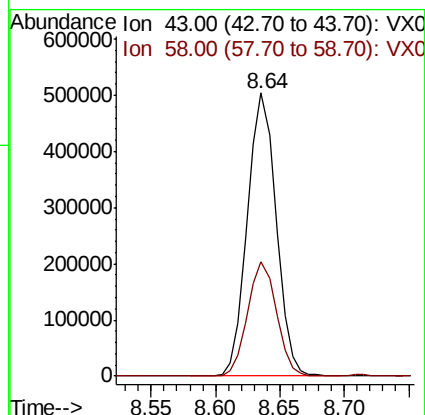
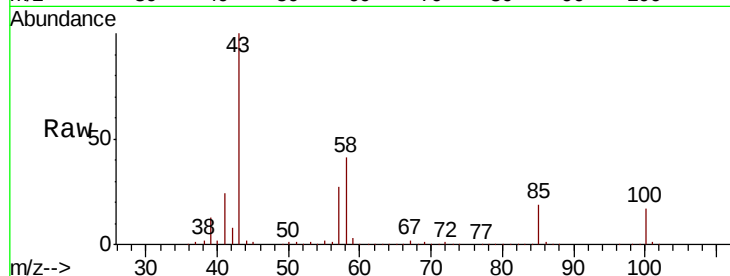
FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 779797

Ion Ratio Lower Upper

43 100

58 40.5 32.4 48.6



#52

Toluene

Concen: 52.039 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012926.D

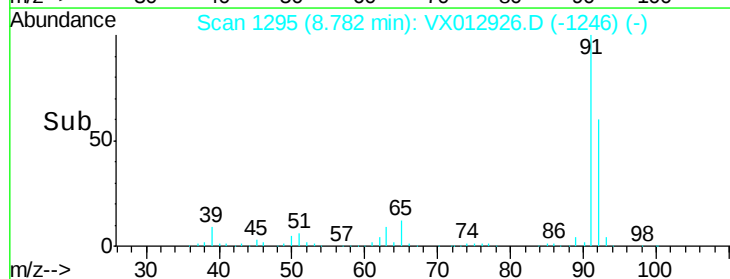
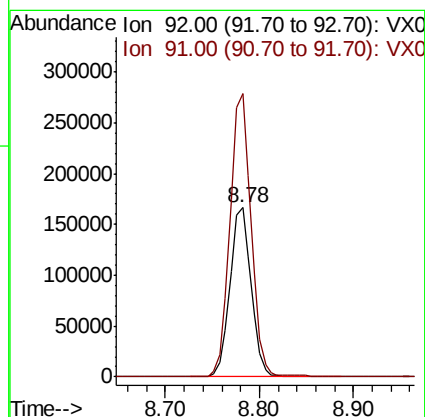
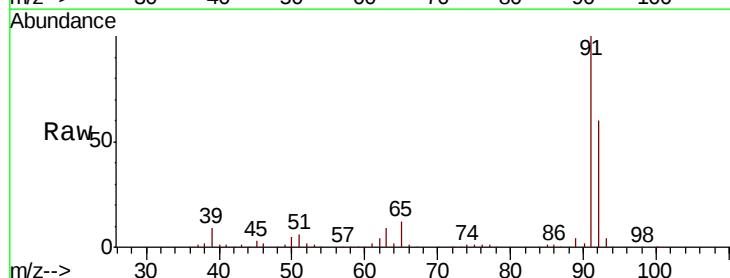
Acq: 09 Oct 2019 06:38

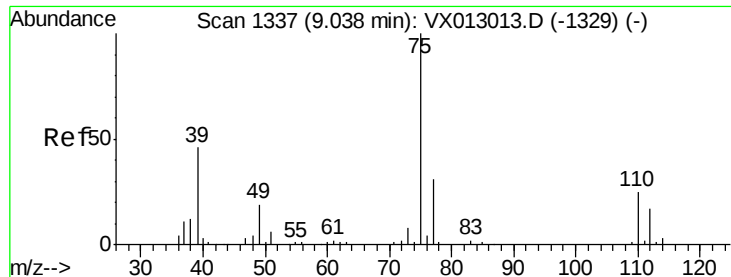
Tgt Ion: 92 Resp: 260423

Ion Ratio Lower Upper

92 100

91 166.8 135.9 203.9

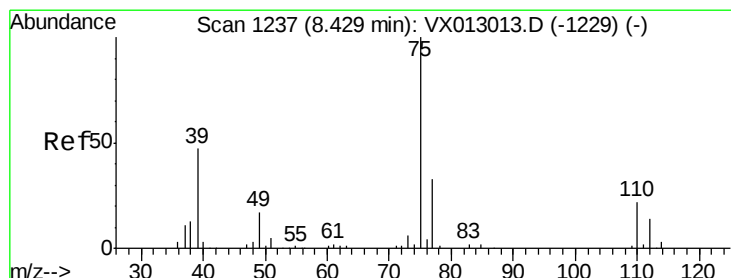
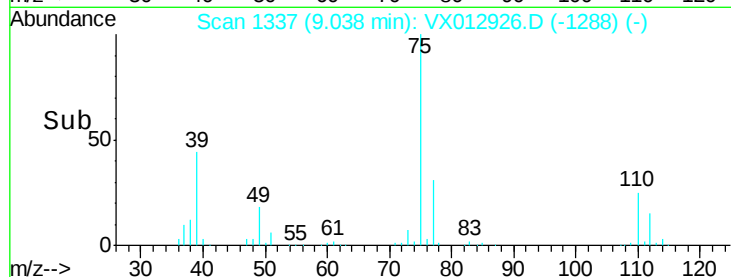
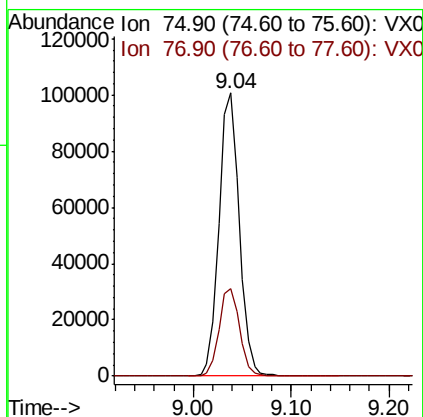
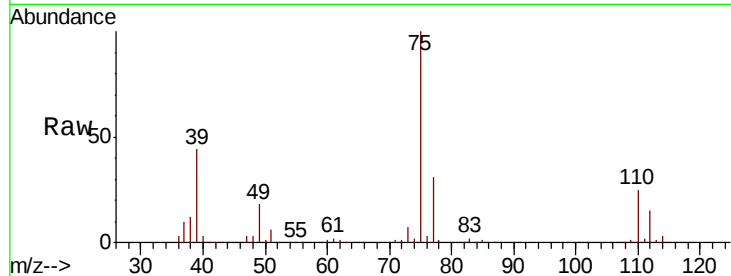




#53
 t-1,3-Dichloropropene
 Concen: 45.226 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

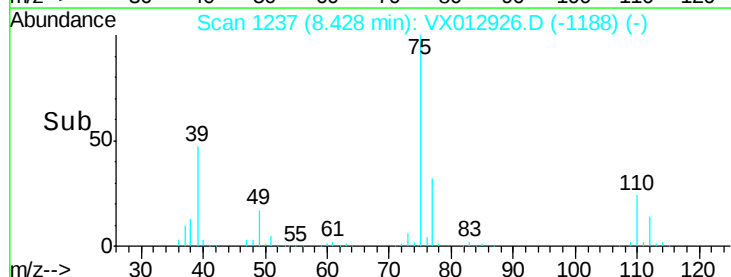
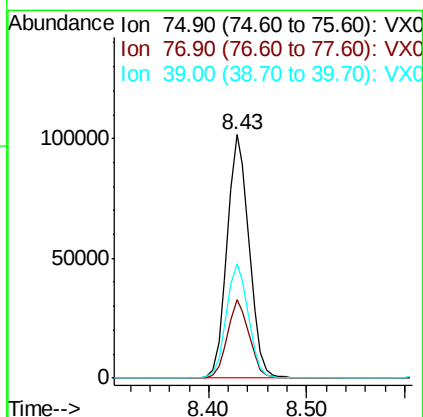
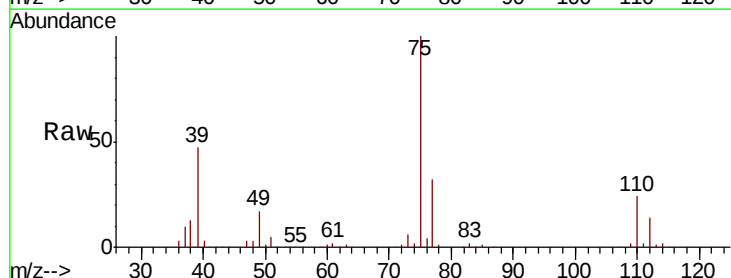
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

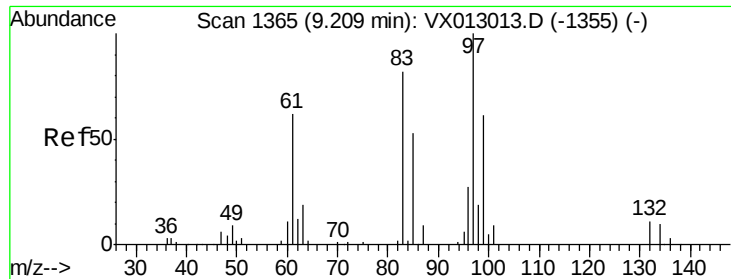
Tot Ion: 75 Resp: 145604
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.847 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 75 Resp: 158920
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 46.8 38.2 57.2

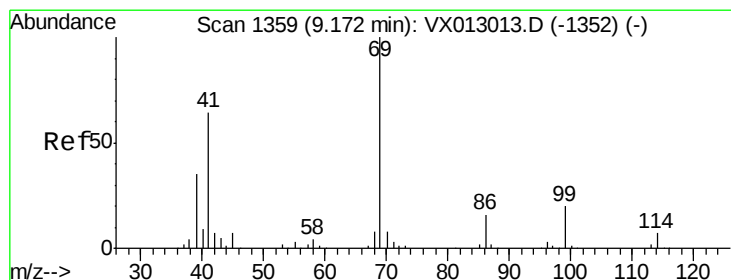
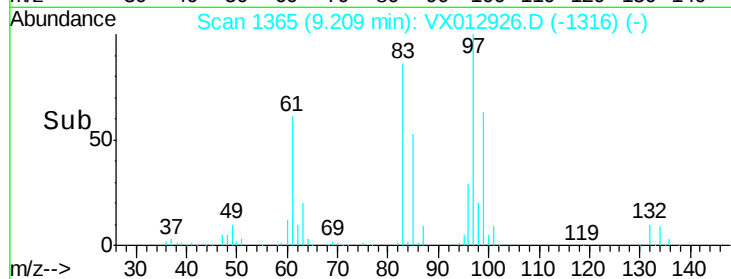
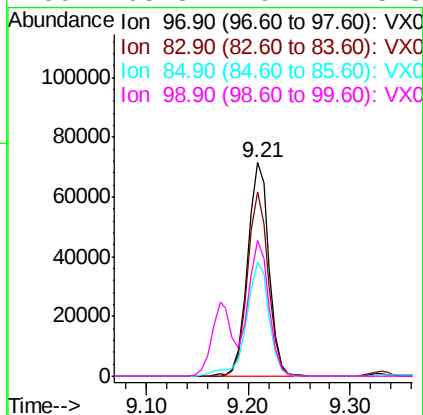
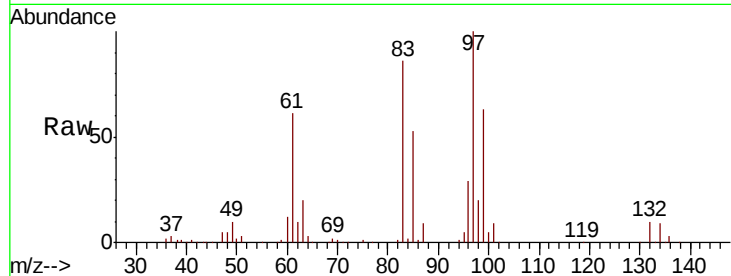




#55
 1,1,2-Trichloroethane
 Concen: 52.685 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

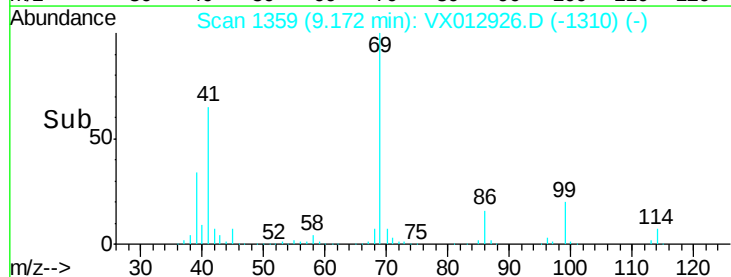
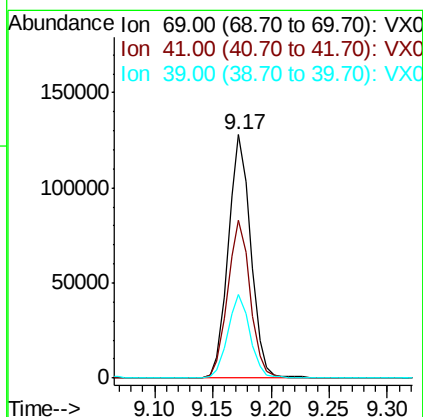
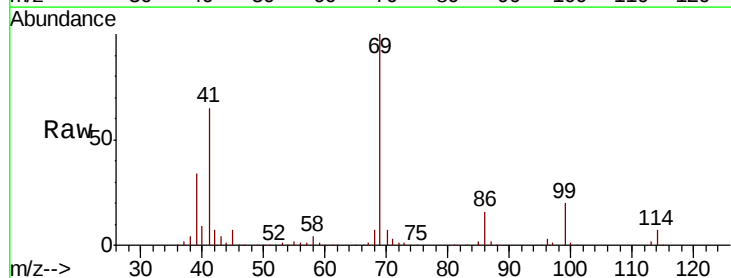
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

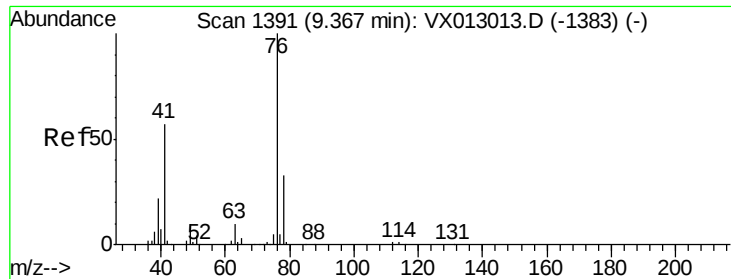
Tot Ion:	97	Resp:	104341
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.5	99.7
85	53.5	43.1	64.7
99	63.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.737 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion:	69	Resp:	172672
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.1	78.1
39	33.8	27.8	41.8

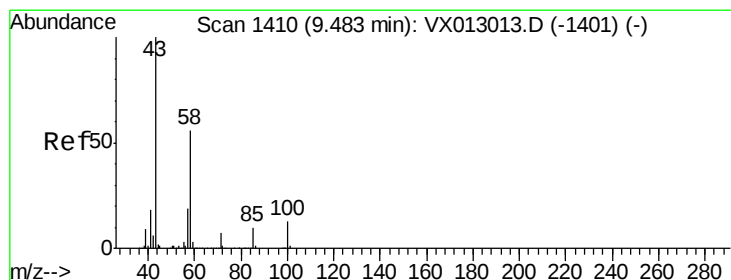
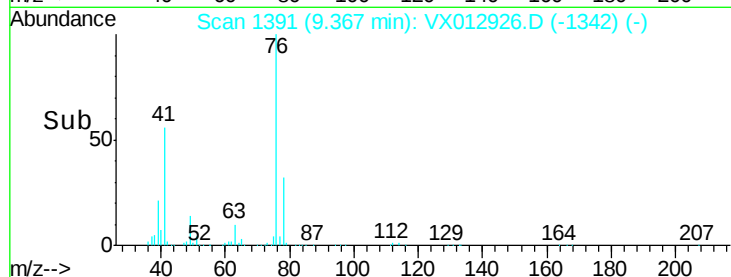
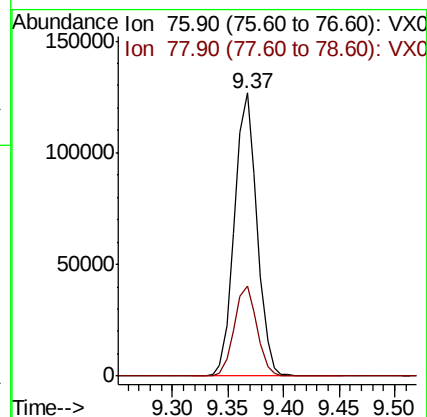
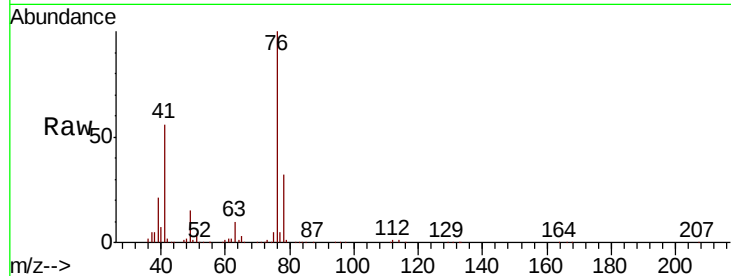




#57
 1,3-Dichloropropane
 Concen: 51.935 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

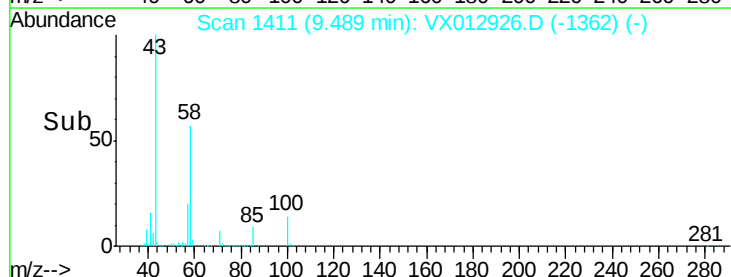
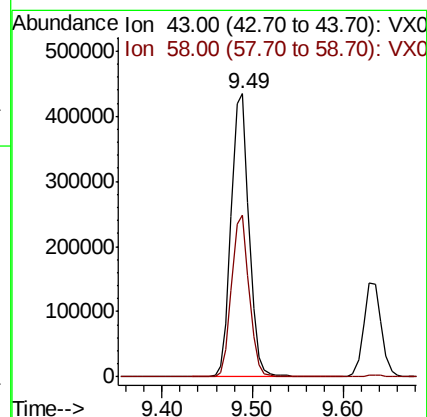
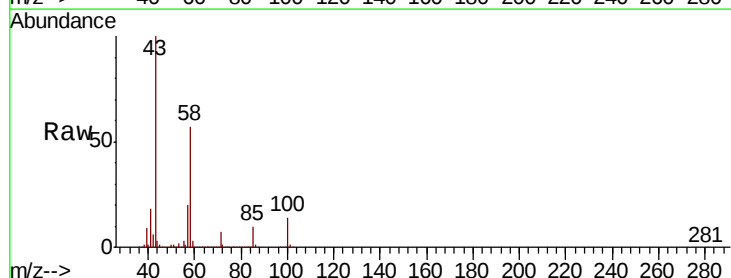
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

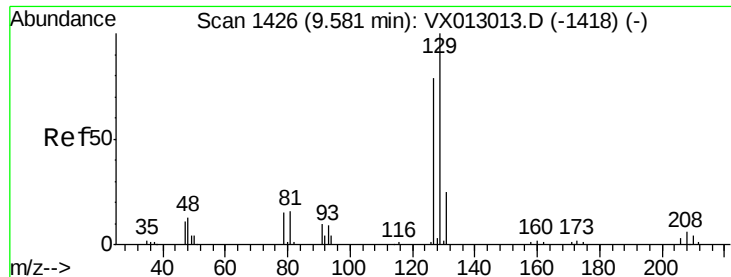
Tot Ion: 76 Resp: 177922
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#59
 2-Hexanone
 Concen: 259.453 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 43 Resp: 598554
 Ion Ratio Lower Upper
 43 100
 58 56.2 28.1 84.3





#60

Dibromochloromethane

Concen: 48.837 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

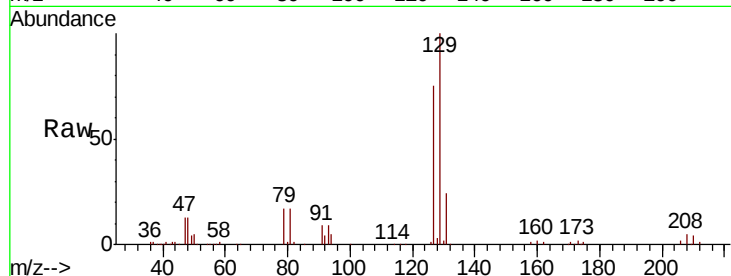
FC-MW10S-20191002MSD

Tot Ion:129 Resp: 107533

Ion Ratio Lower Upper

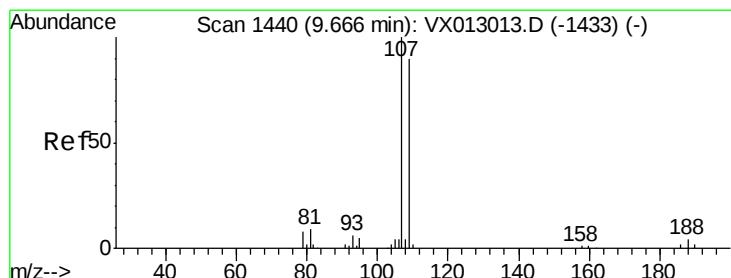
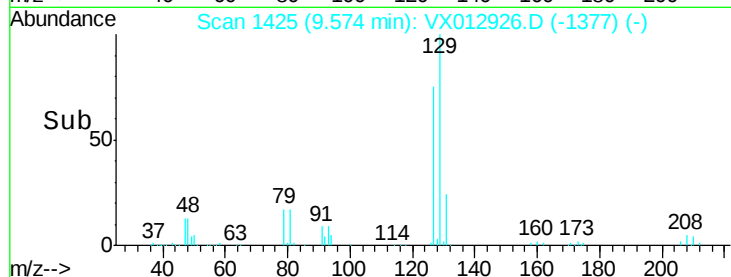
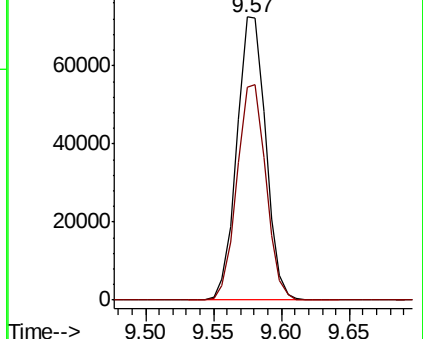
129 100

127 76.5 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.509 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012926.D

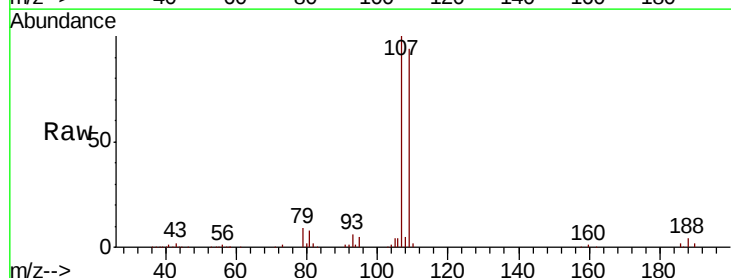
Acq: 09 Oct 2019 06:38

Tgt Ion:107 Resp: 111478

Ion Ratio Lower Upper

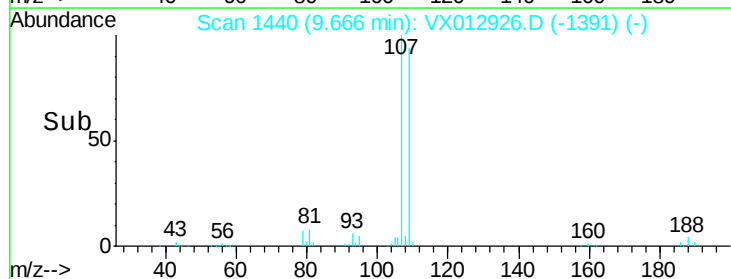
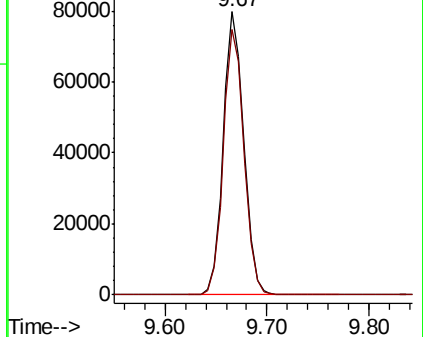
107 100

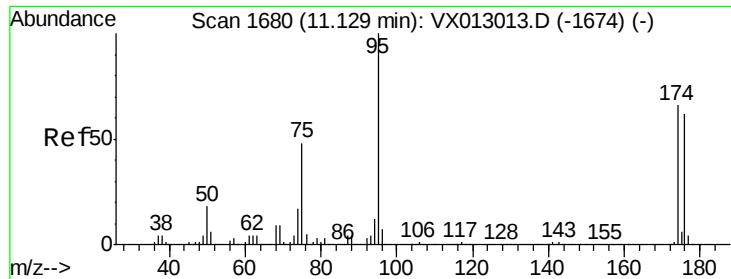
109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.516 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

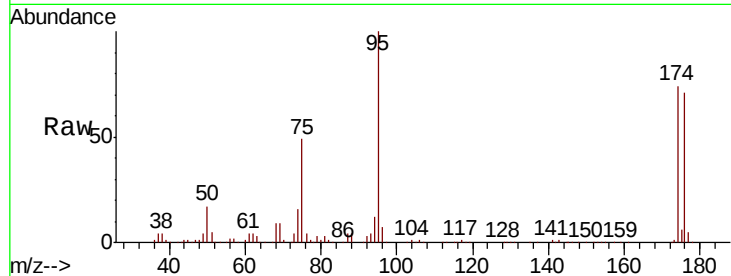
Tot Ion: 95 Resp: 132361

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 69.0 0.0 136.0

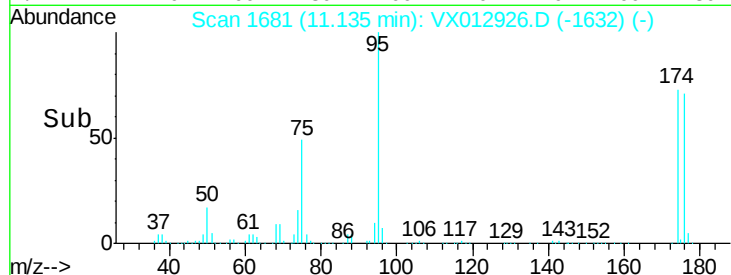


Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)

Time-->

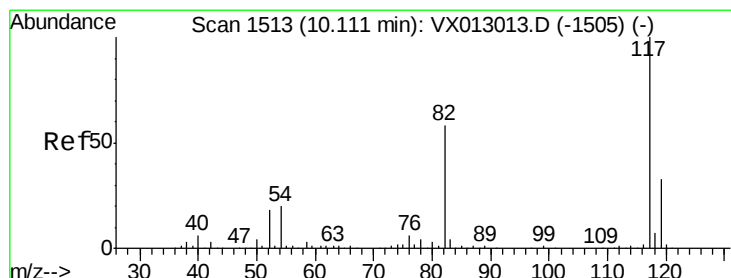


Abundance Ion 94.90 (94.60 to 95.60): VX012926.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012926.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012926.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

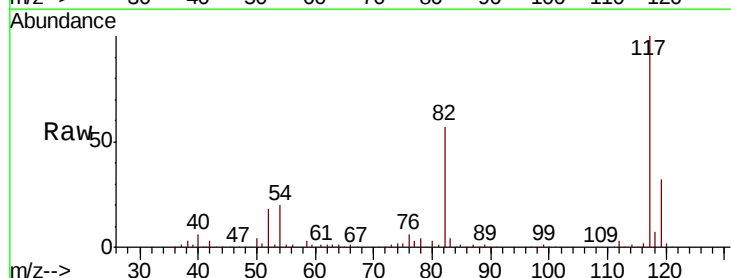
Tgt Ion: 117 Resp: 268748

Ion Ratio Lower Upper

117 100

82 56.8 44.1 66.1

119 32.2 25.8 38.8

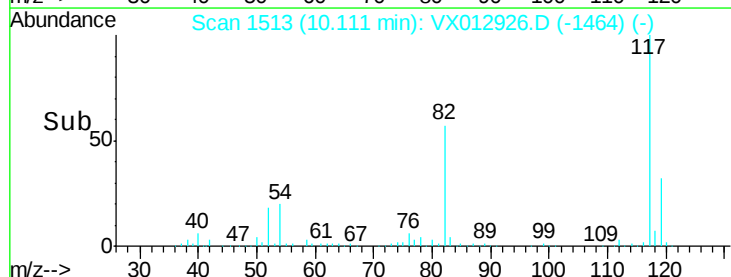


Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)

Time-->

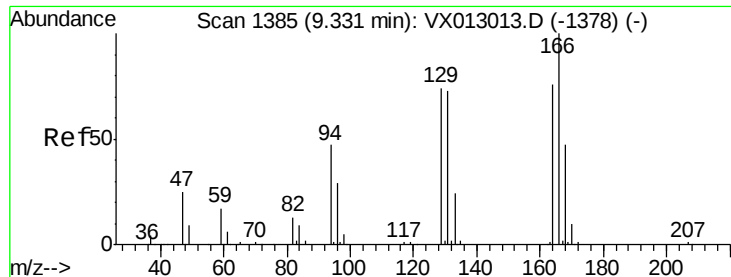


Abundance Ion 116.90 (116.60 to 117.60): VX012926.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012926.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012926.D (-1464) (-)

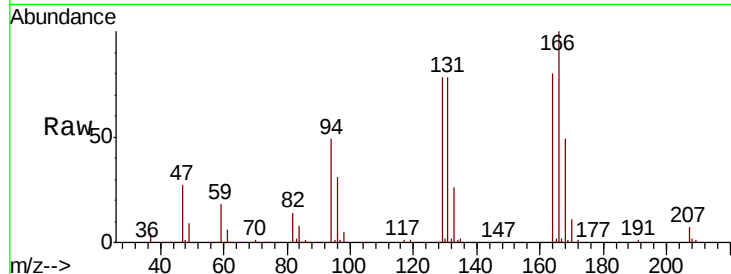
Time-->



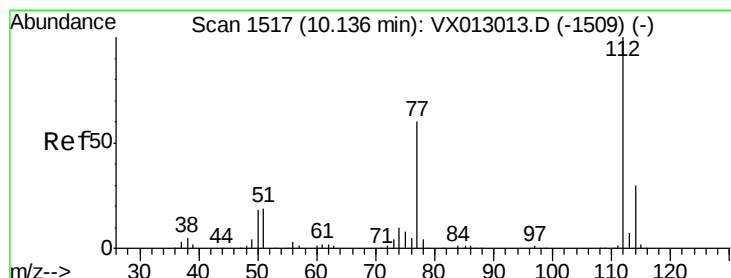
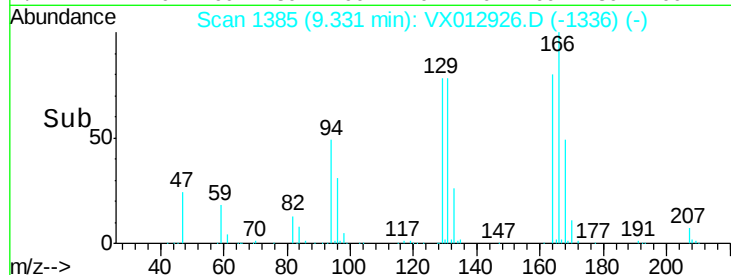
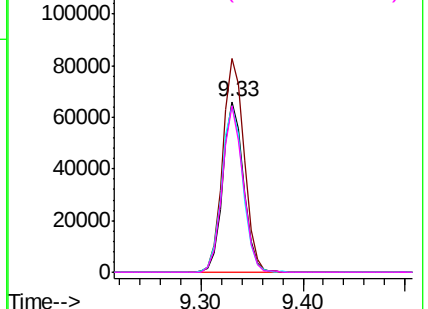
#64
Tetrachloroethene
Concen: 50.124 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion:164 Resp: 93433
Ion Ratio Lower Upper
164 100
166 125.2 96.9 145.3
129 97.2 77.9 116.9
131 97.8 72.7 109.1

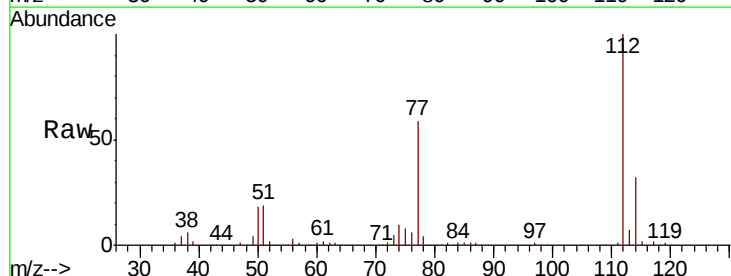


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

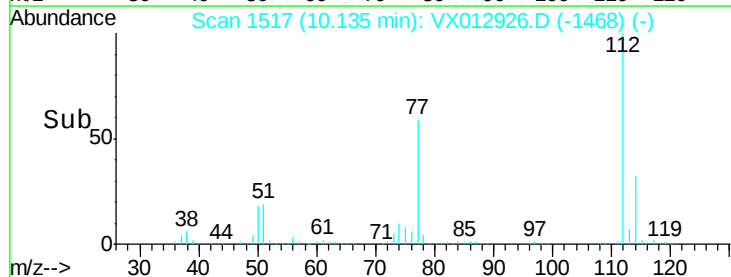
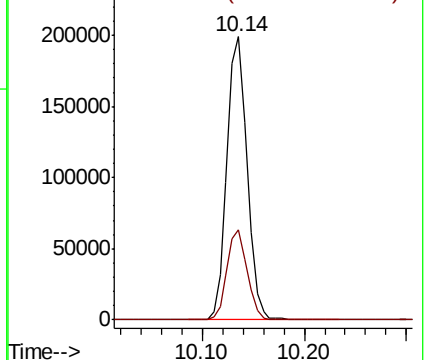


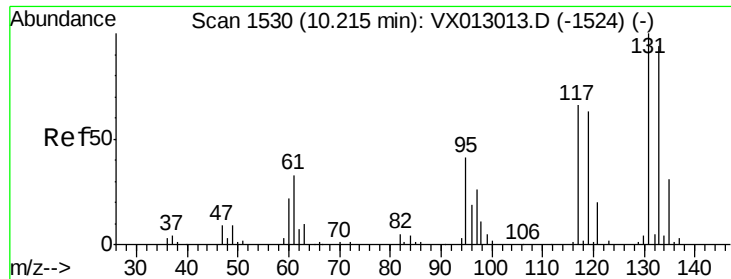
#65
Chlorobenzene
Concen: 51.116 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:112 Resp: 272804
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.676 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

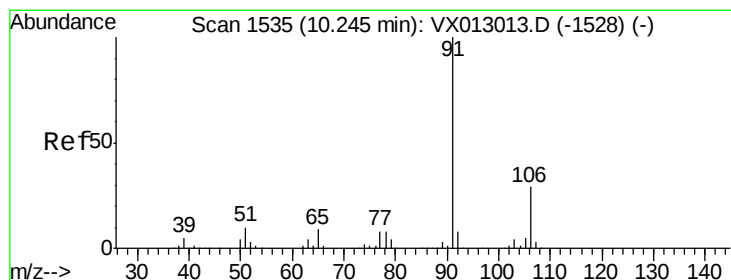
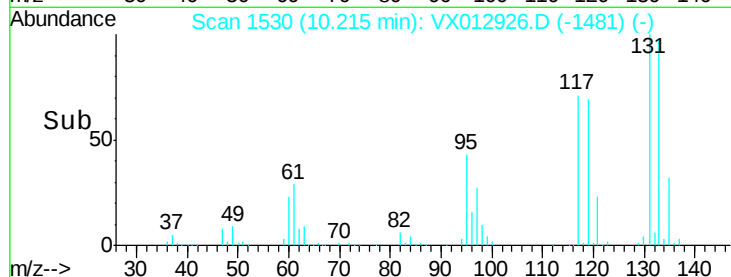
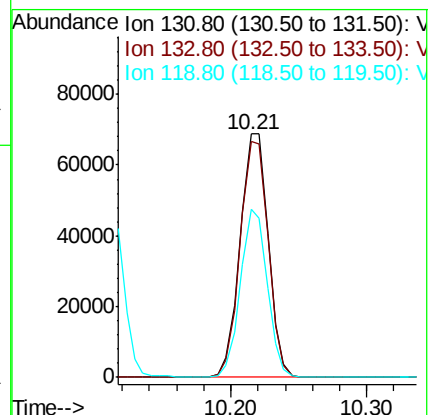
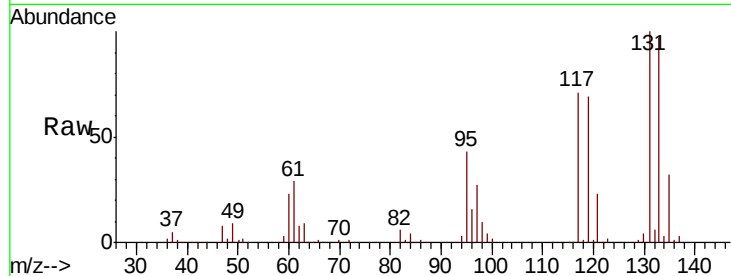
Tot Ion:131 Resp: 99324

Ion Ratio Lower Upper

131 100

133 96.7 47.2 141.6

119 65.8 32.6 98.0



#67

Ethyl Benzene

Concen: 52.141 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012926.D

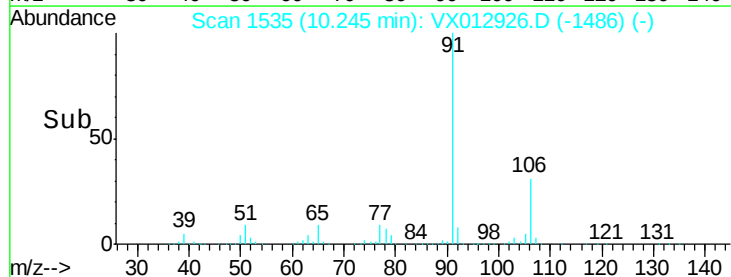
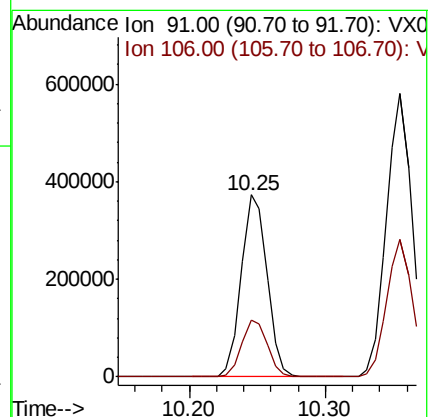
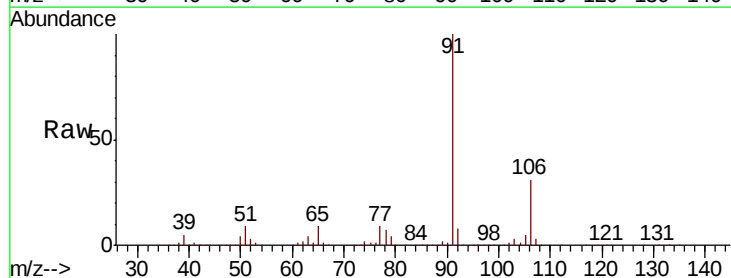
Acq: 09 Oct 2019 06:38

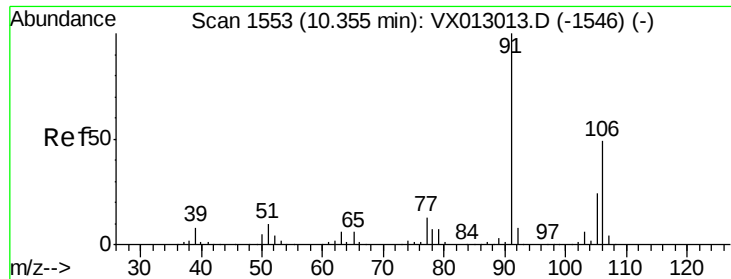
Tgt Ion: 91 Resp: 494290

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9

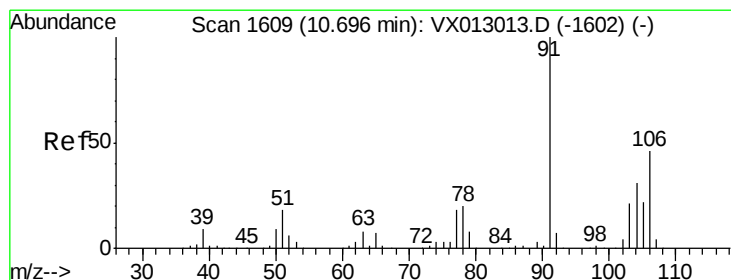
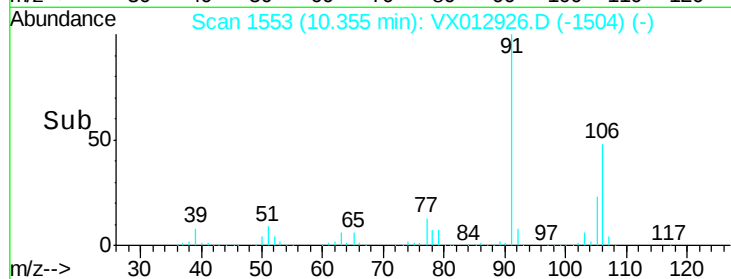
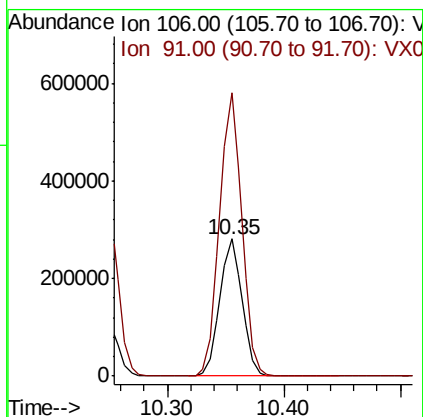
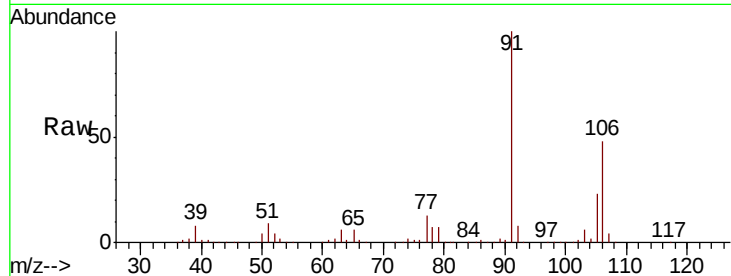




#68
m/p-Xylenes
Concen: 105.029 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

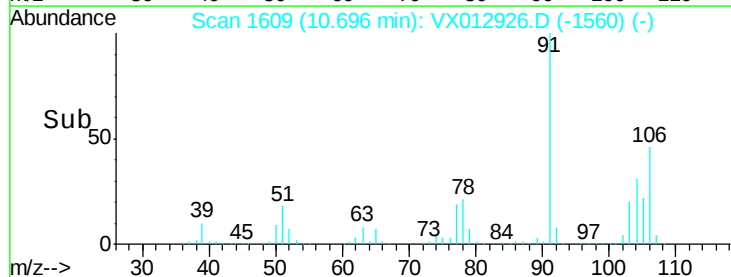
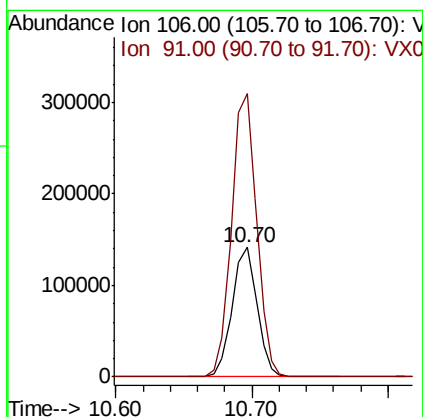
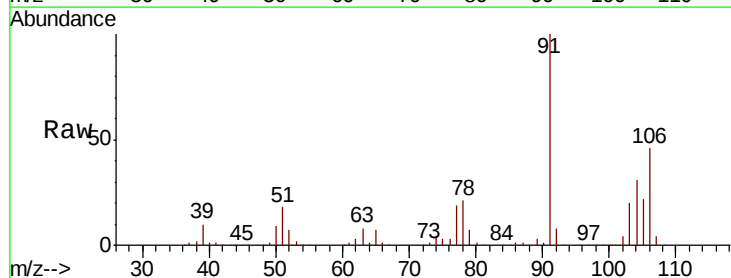
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

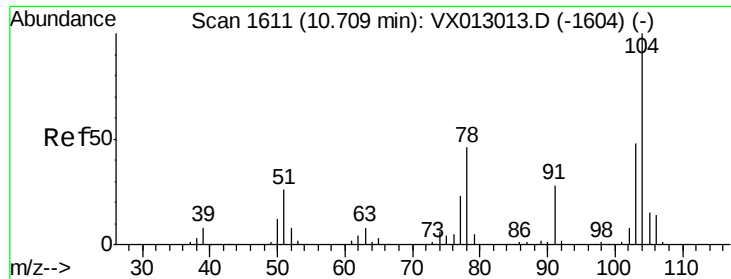
Tot Ion:106 Resp: 371963
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9



#69
o-Xylene
Concen: 52.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:106 Resp: 180342
Ion Ratio Lower Upper
106 100
91 220.8 109.1 327.3

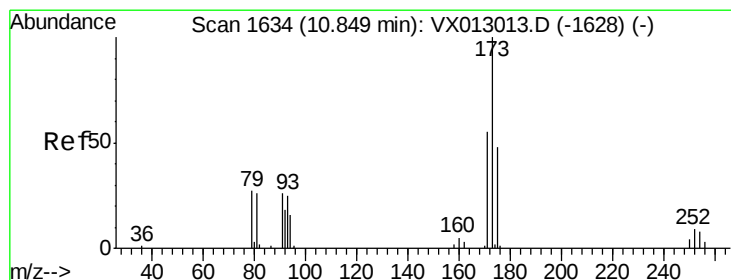
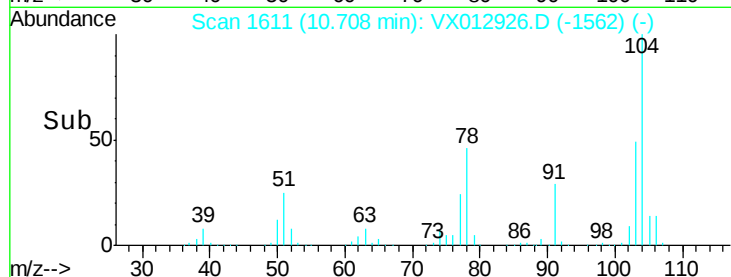
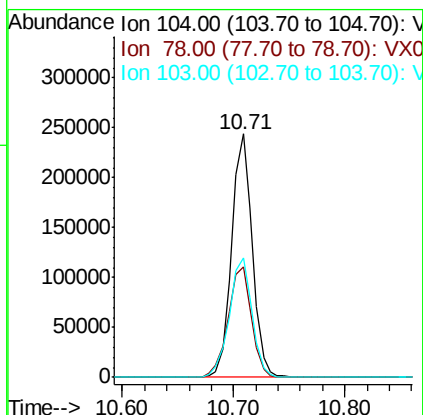
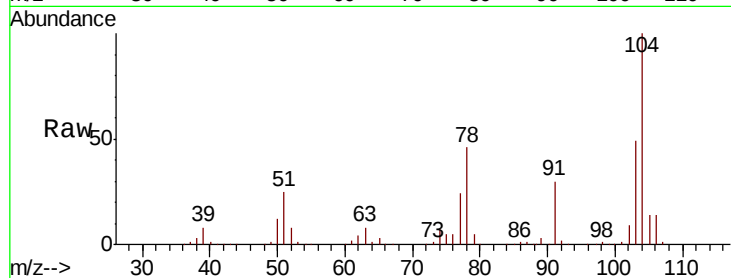




#70
Stvrene
Concen: 52.962 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

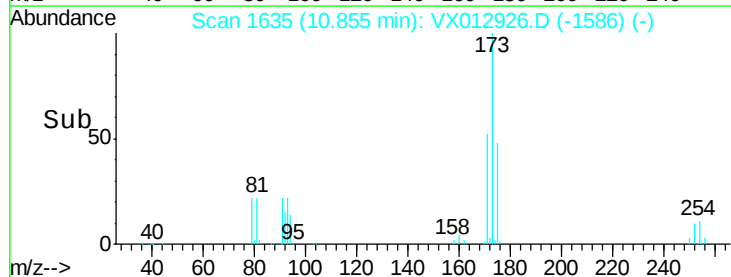
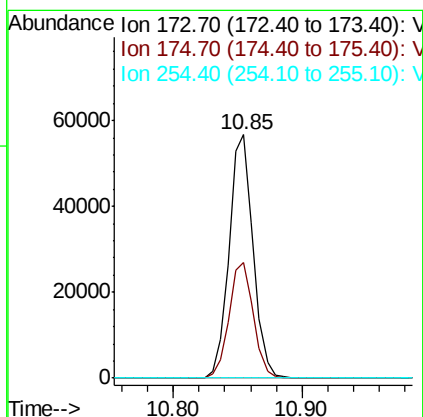
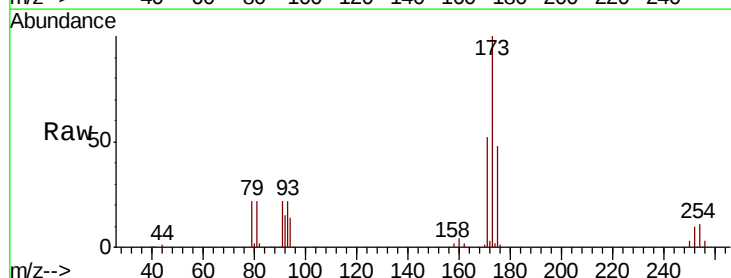
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

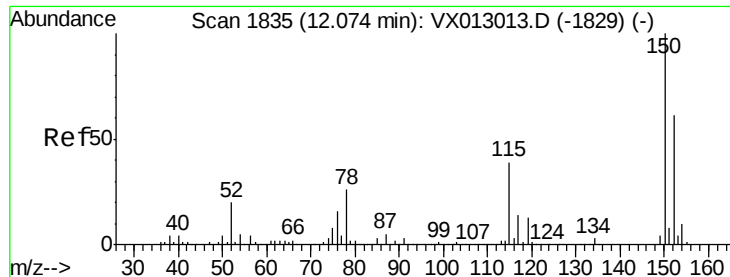
Tot Ion:104 Resp: 310946
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.3 43.0 64.4



#71
Bromoform
Concen: 47.081 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:173 Resp: 73909
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

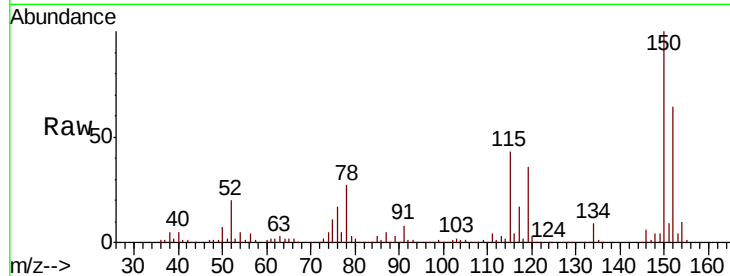
Tot Ion:152 Resp: 126803

Ion Ratio Lower Upper

152 100

115 85.8 44.5 133.5

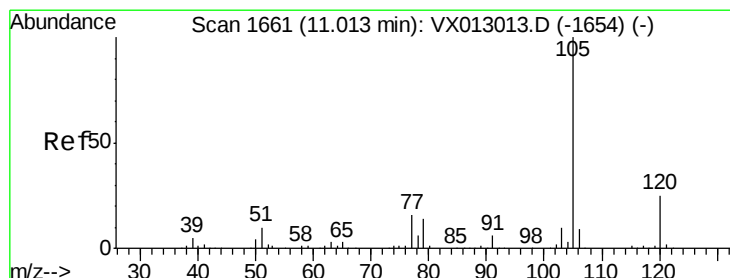
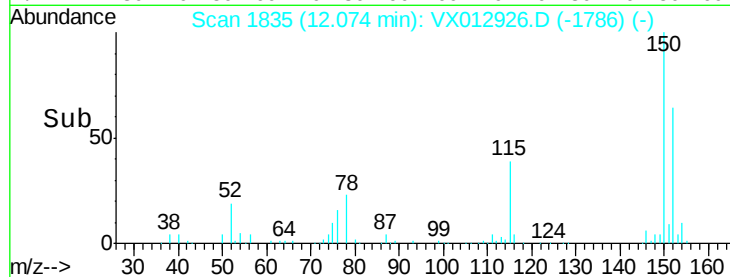
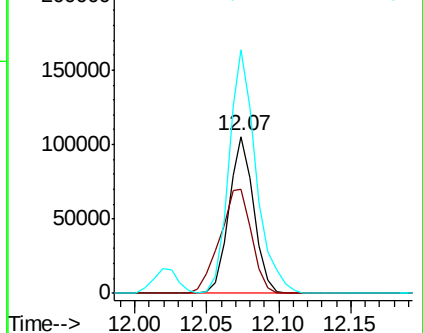
150 170.1 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.829 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012926.D

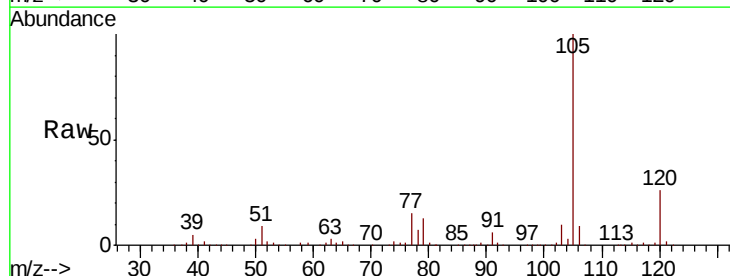
Acq: 09 Oct 2019 06:38

Tgt Ion:105 Resp: 483193

Ion Ratio Lower Upper

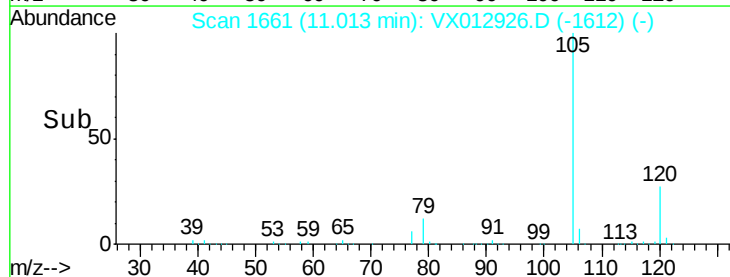
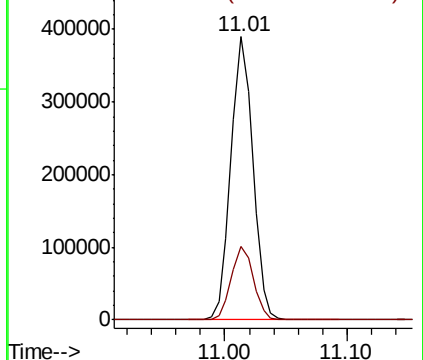
105 100

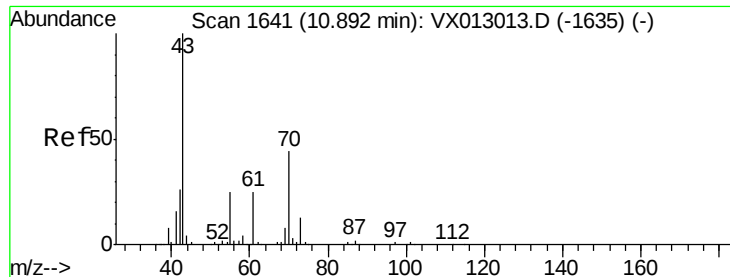
120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.657 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 191350

Ion	Ratio	Lower	Upper
43	100		
70	44.5	36.4	54.6
55	24.3	20.2	30.2
61	25.4	20.5	30.7

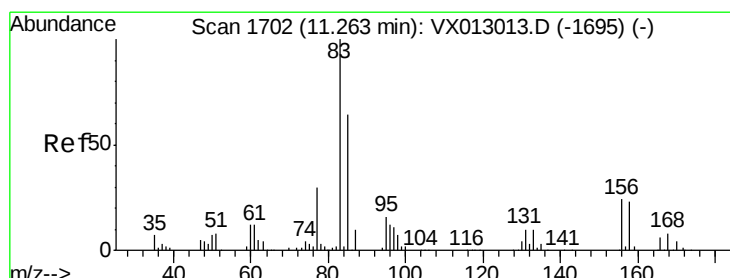
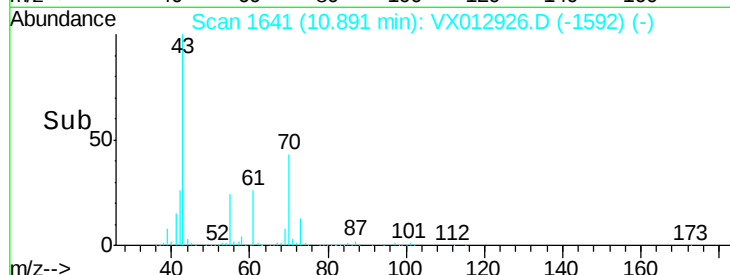
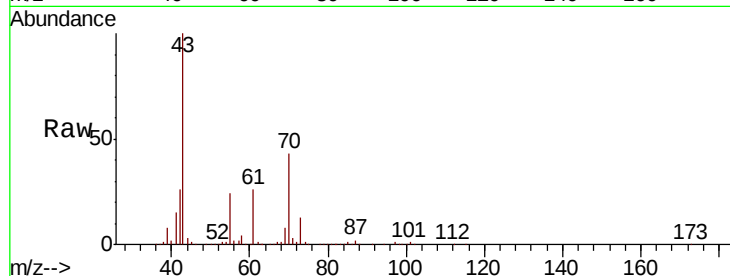
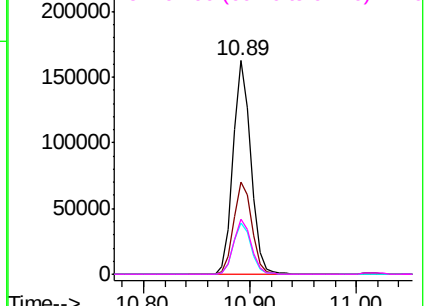
Abundance

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: 52.552 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion: 83 Resp: 162952

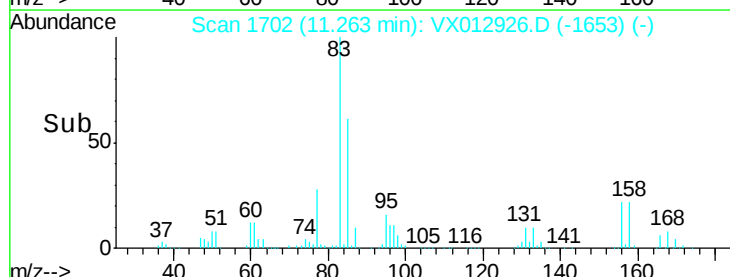
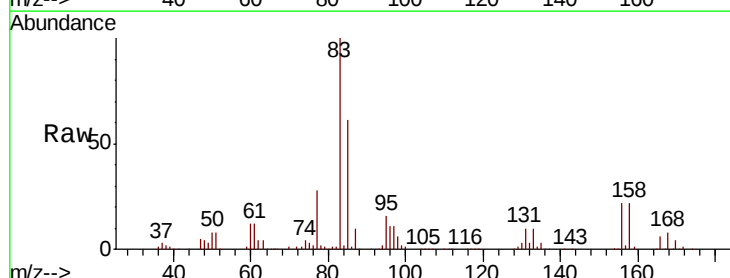
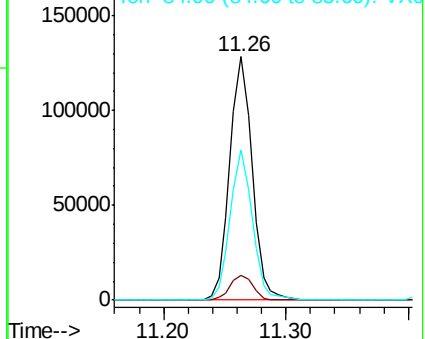
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	61.0	32.1	96.5

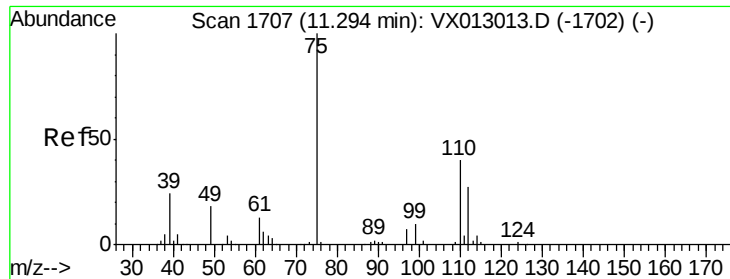
Abundance

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

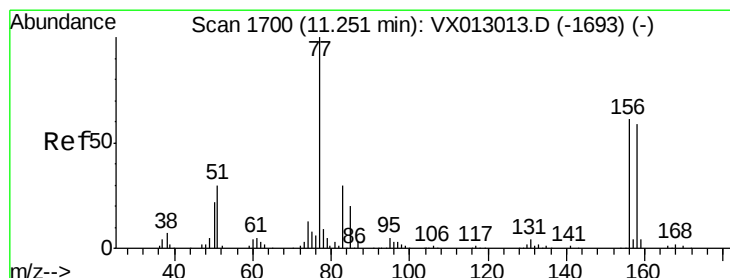
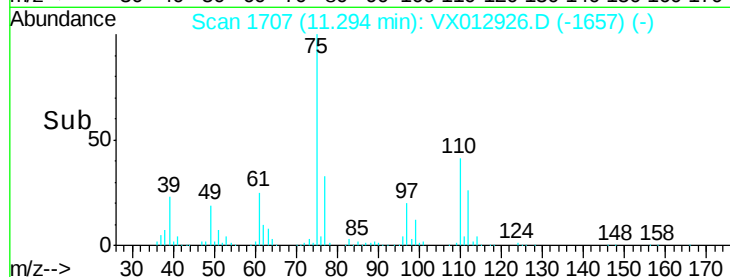
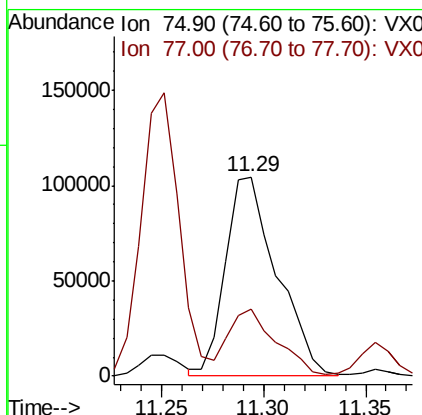
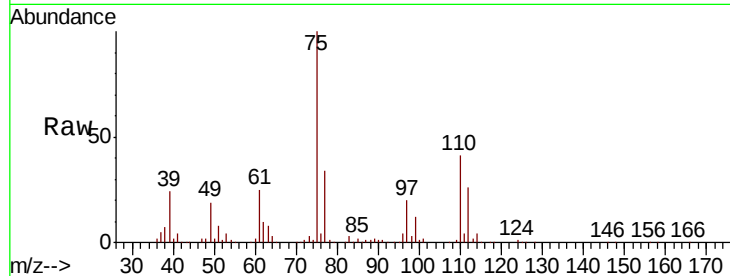




#76
 1,2,3-Trichloropropane
 Concen: 64.867 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

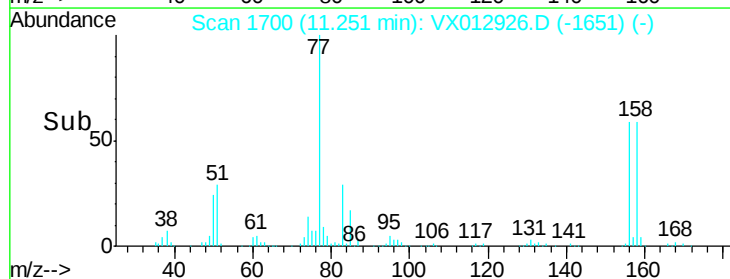
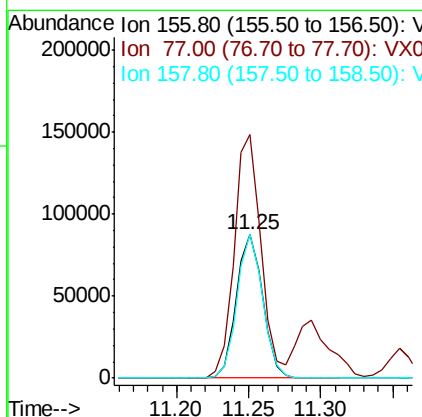
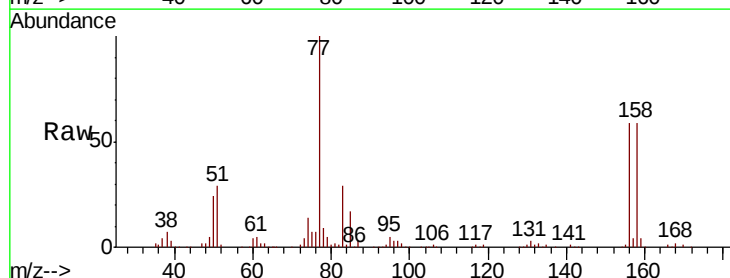
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

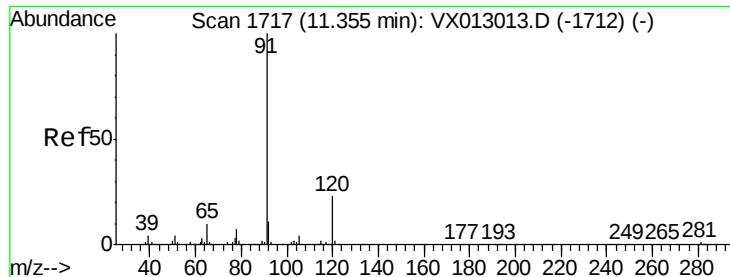
Tot Ion: 75 Resp: 182438
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.9 68.8



#77
 Bromobenzene
 Concen: 51.049 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 156 Resp: 112149
 Ion Ratio Lower Upper
 156 100
 77 172.5 83.7 251.0
 158 97.3 48.6 145.9





#78

n-propylbenzene

Concen: 52.081 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

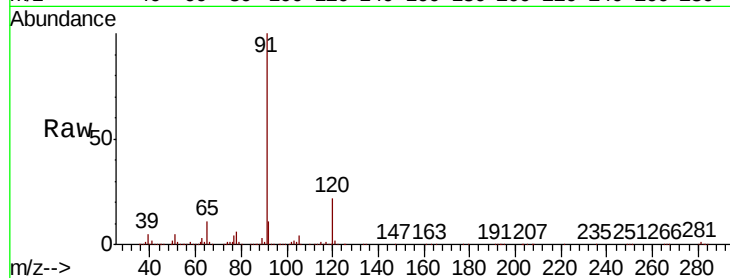
FC-MW10S-20191002MSD

Tot Ion: 91 Resp: 534274

Ion Ratio Lower Upper

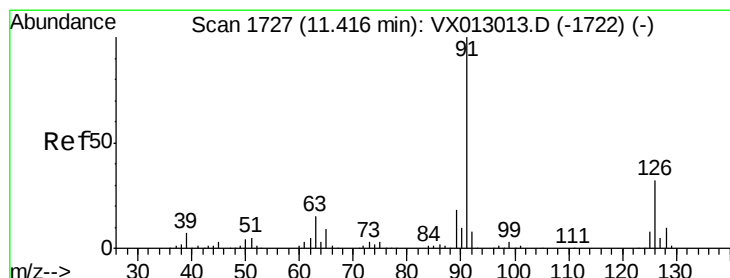
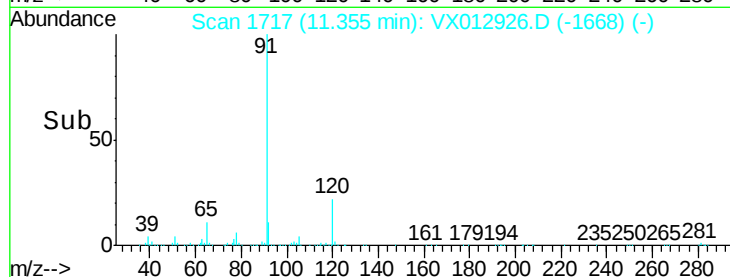
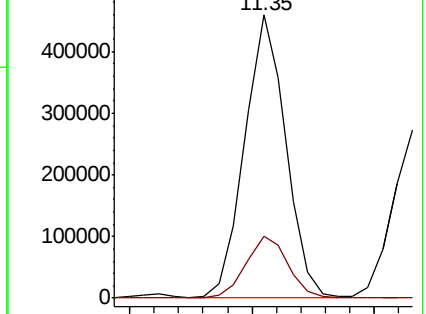
91 100

120 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.286 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012926.D

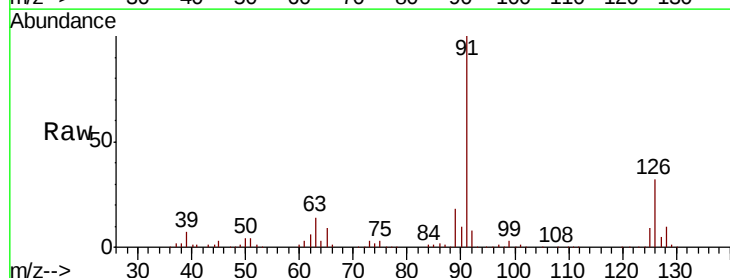
Acq: 09 Oct 2019 06:38

Tgt Ion: 91 Resp: 330650

Ion Ratio Lower Upper

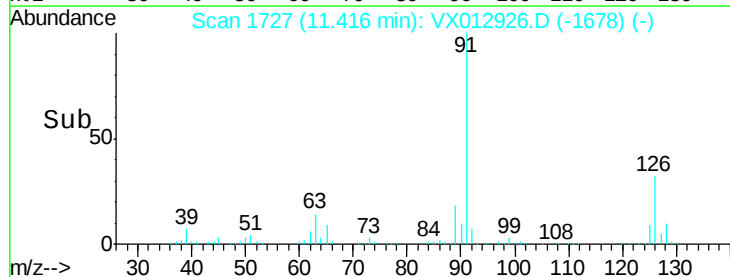
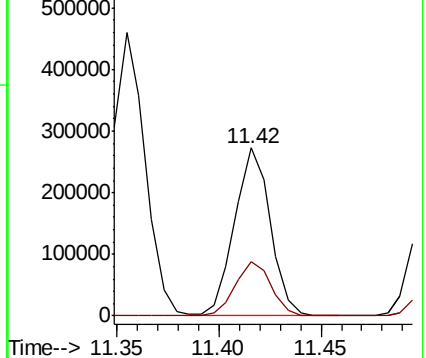
91 100

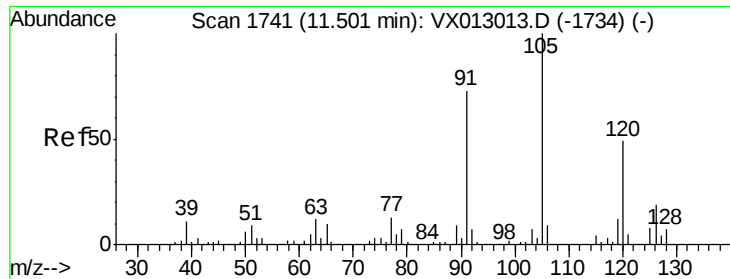
126 32.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

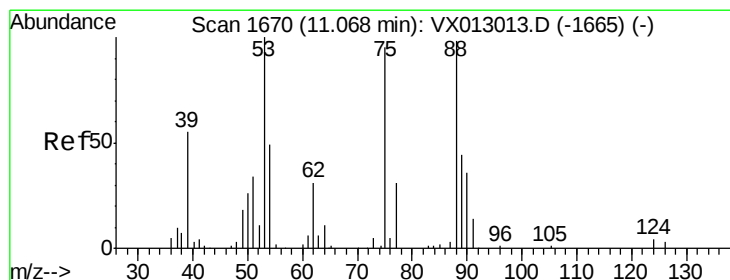
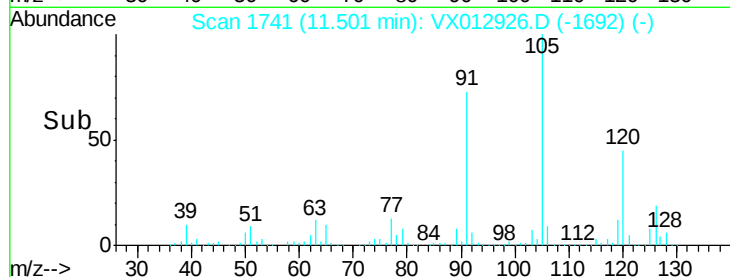
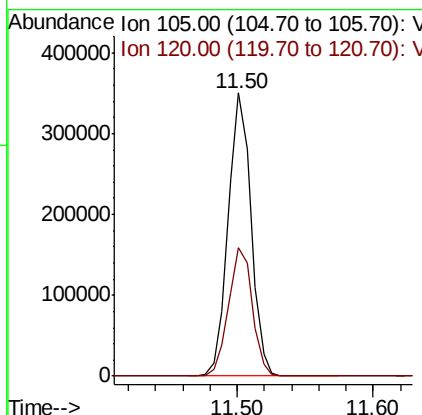
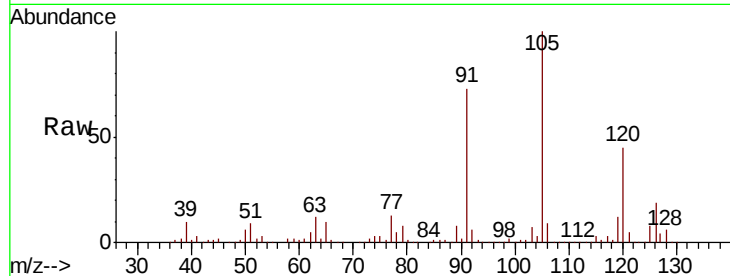




#80
 1,3,5-Trimethylbenzene
 Concen: 52.470 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

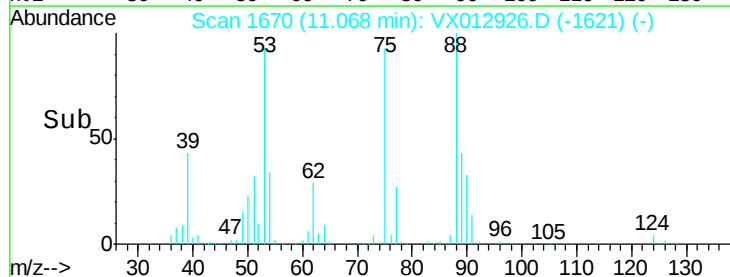
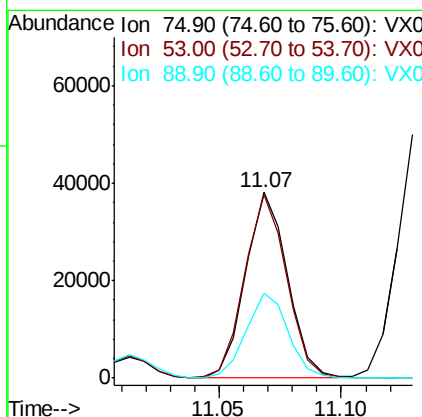
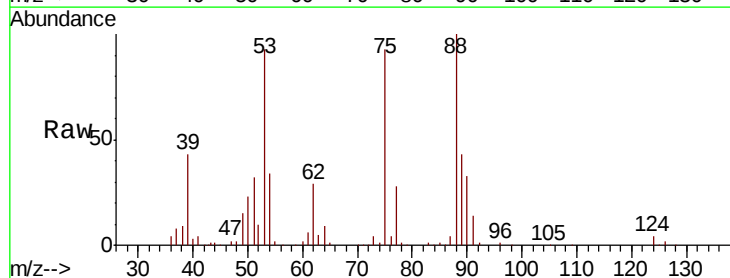
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

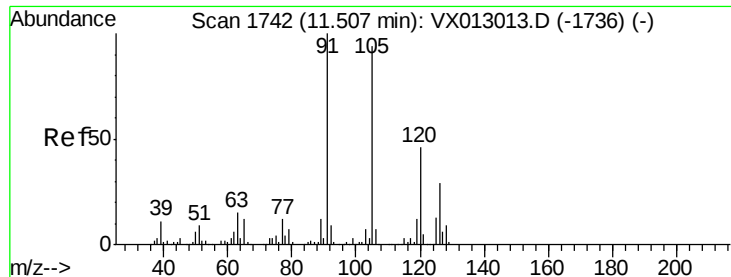
Tot Ion:105 Resp: 408457
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.909 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 75 Resp: 45049
 Ion Ratio Lower Upper
 75 100
 53 99.4 78.5 117.7
 89 46.3 37.4 56.2

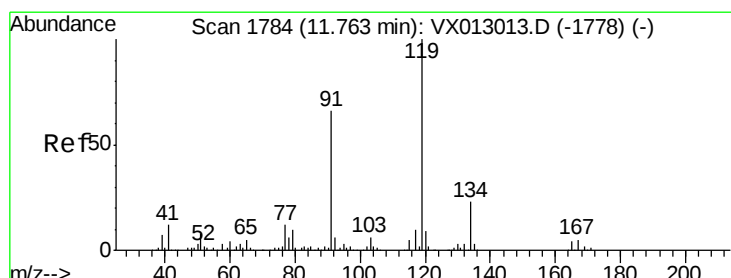
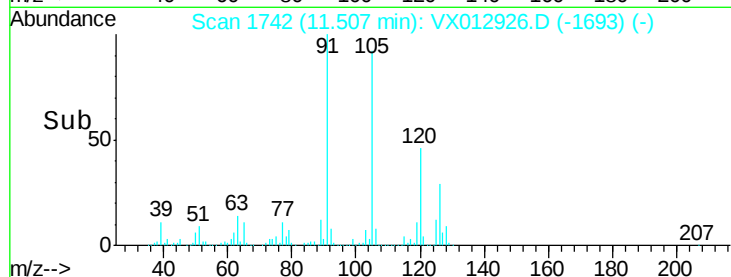
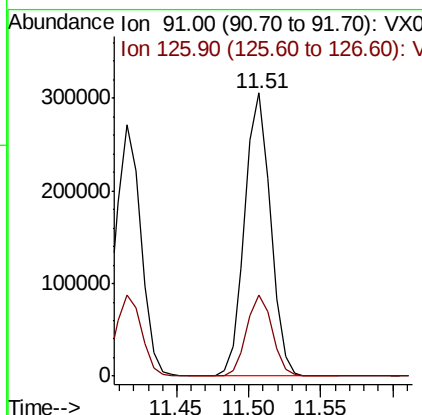
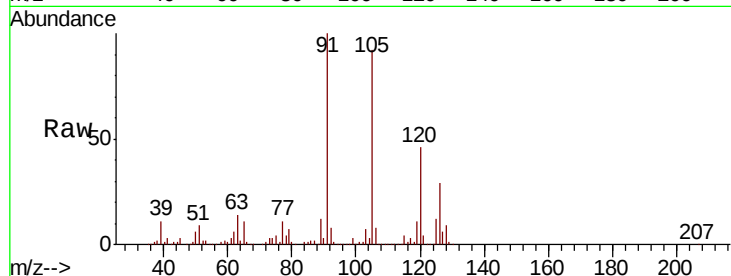




#82
4-Chlorotoluene
Concen: 51.399 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

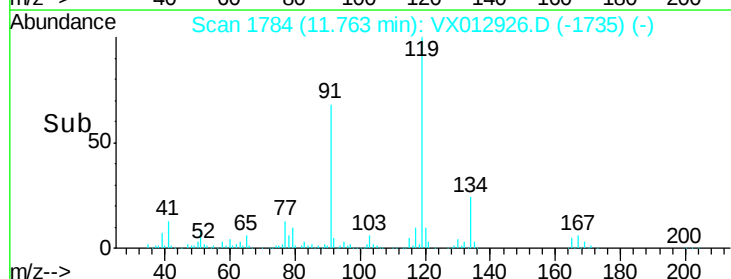
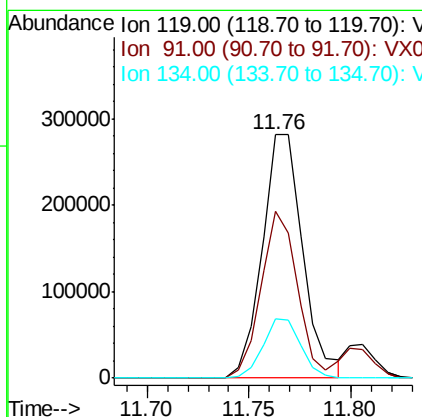
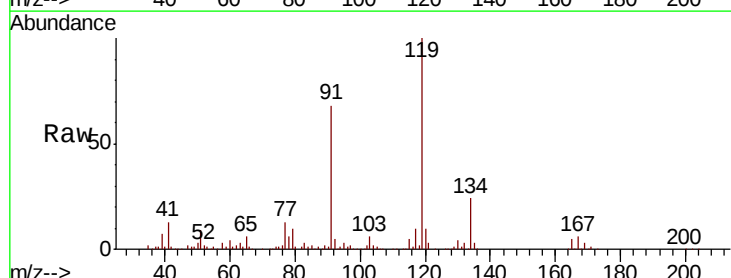
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

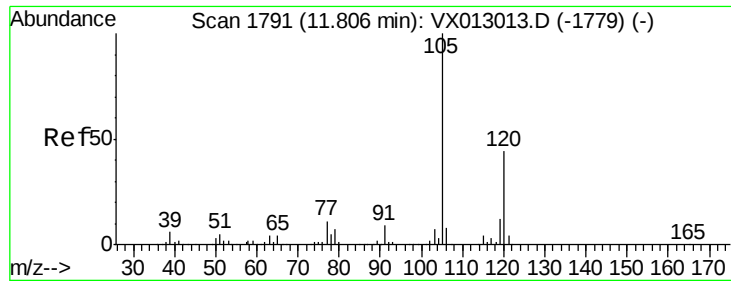
Tot Ion: 91 Resp: 379825
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.572 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion: 119 Resp: 391626
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.9
134 22.9 11.5 34.4

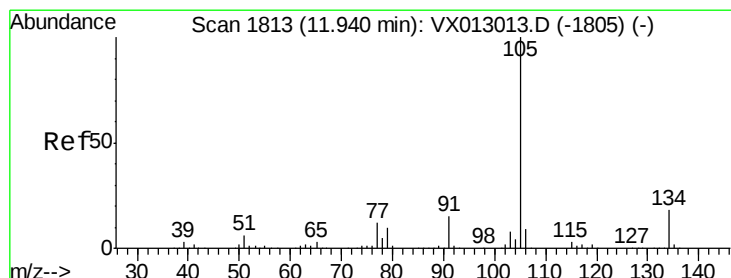
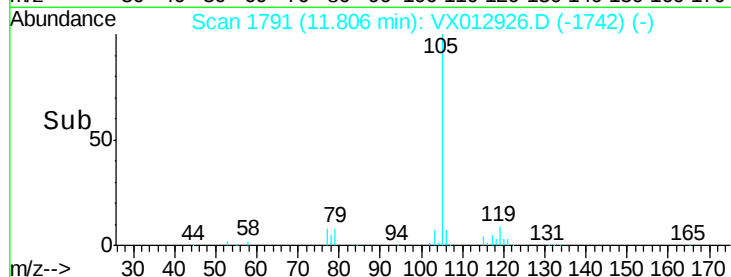
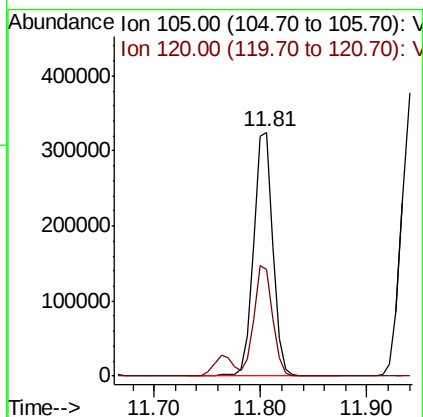
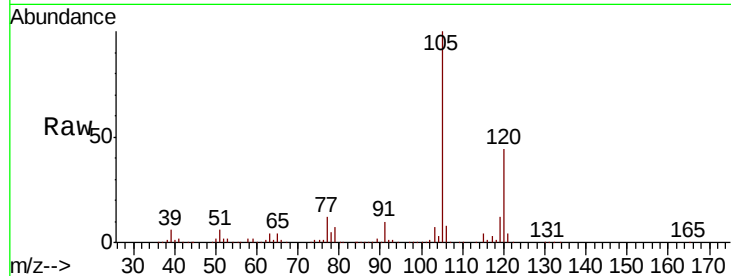




#84
 1,2,4-Trimethylbenzene
 Concen: 52.276 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

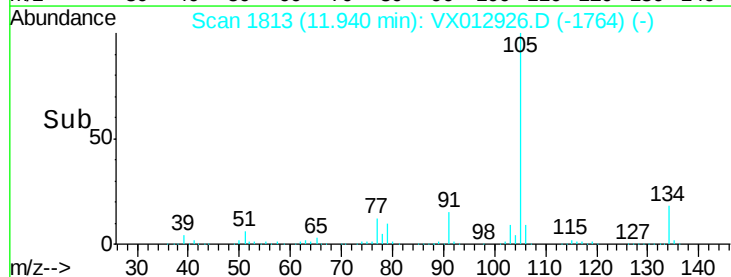
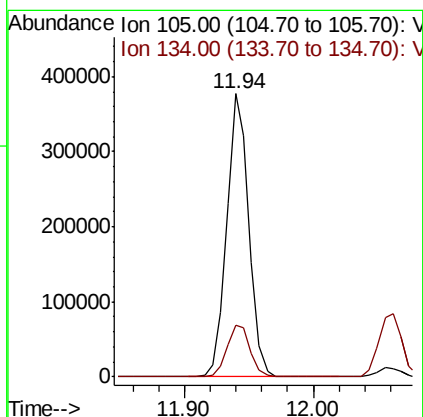
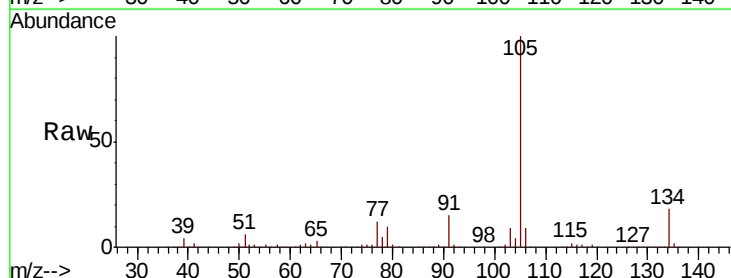
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

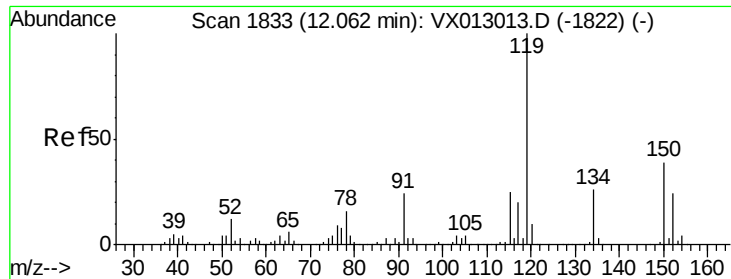
Tot Ion:105 Resp: 412148
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 51.448 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion:105 Resp: 452623
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0





#86

p-Isopropyltoluene

Concen: 51.204 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

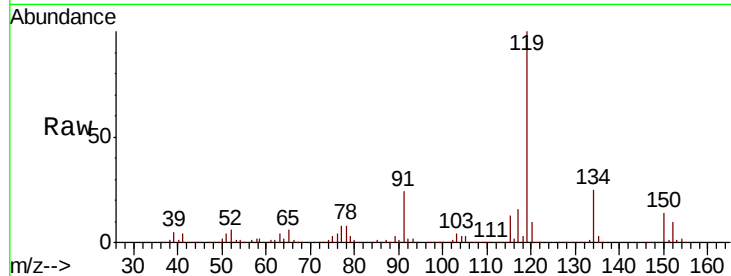
Tot Ion:119 Resp: 417796

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

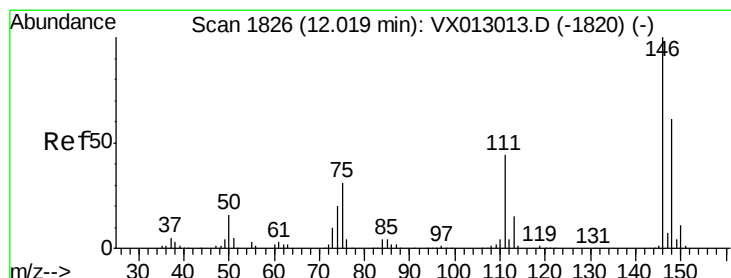
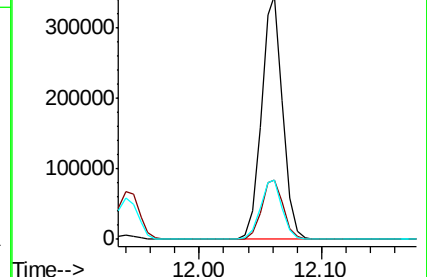
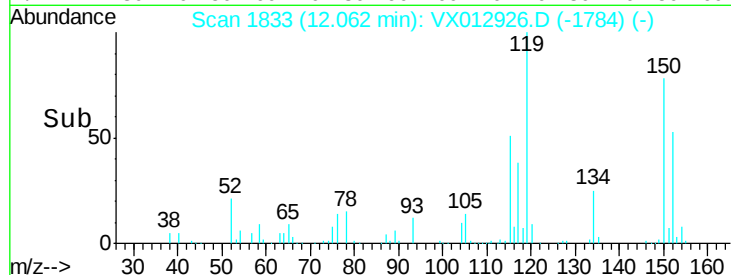
91 24.9 12.4 37.4



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): V



#87

1,3-Dichlorobenzene

Concen: 49.444 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

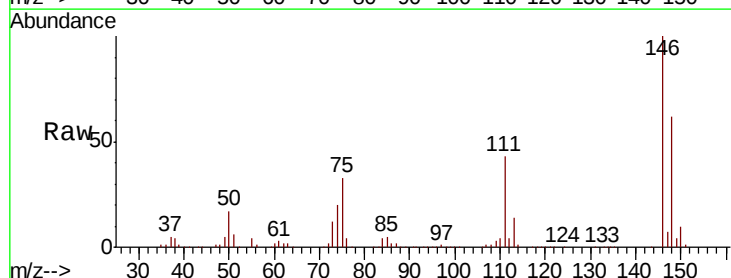
Tgt Ion:146 Resp: 201713

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.4

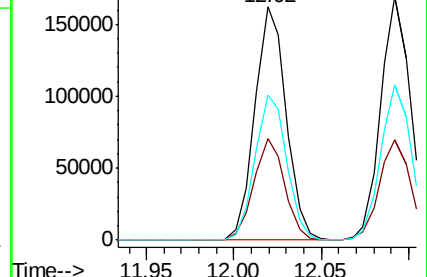
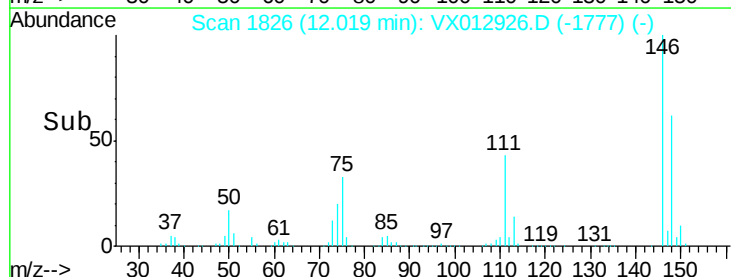
148 63.1 31.6 95.0

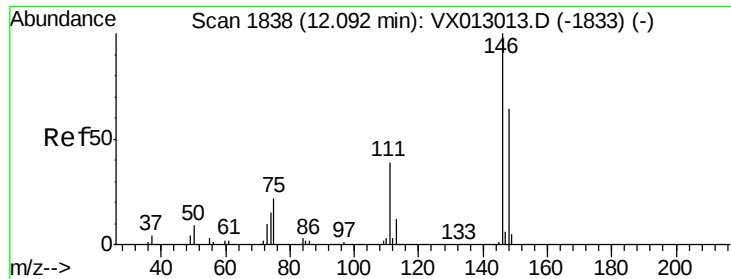


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

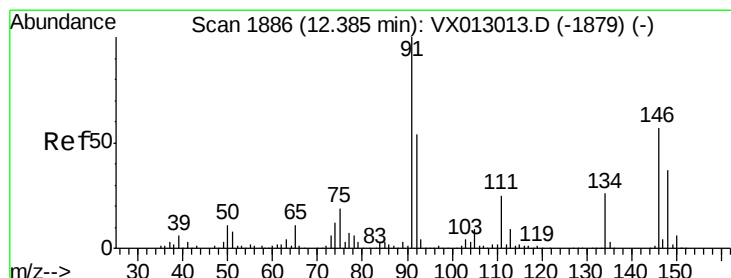
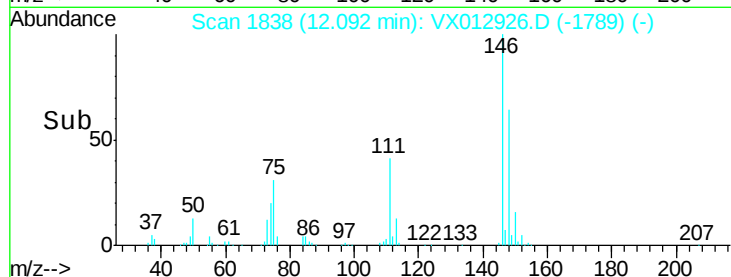
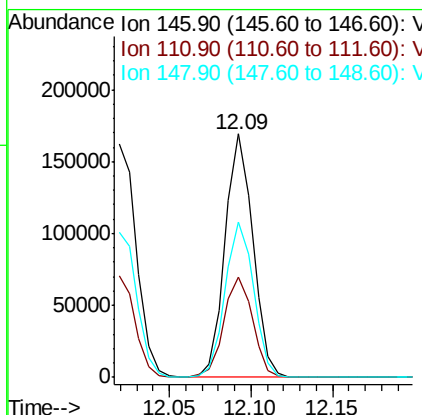
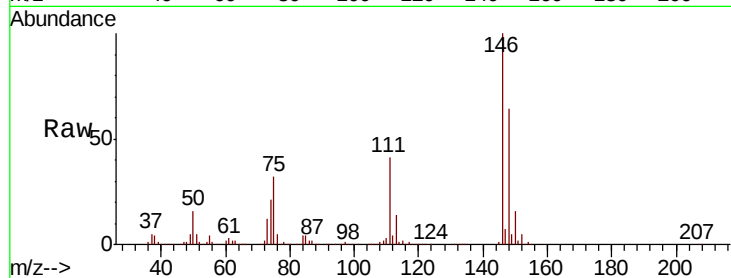




#88
 1,4-Dichlorobenzene
 Concen: 48.701 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

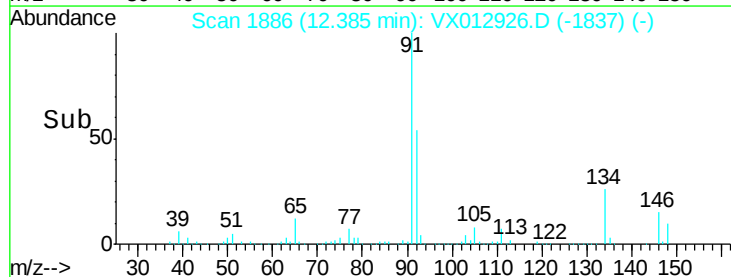
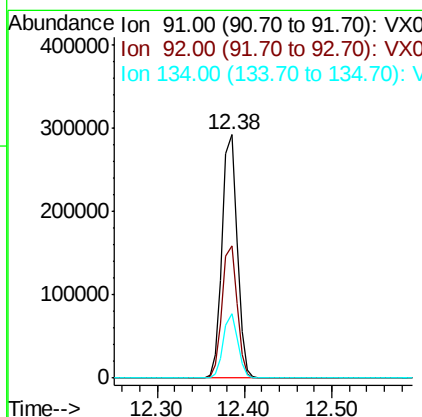
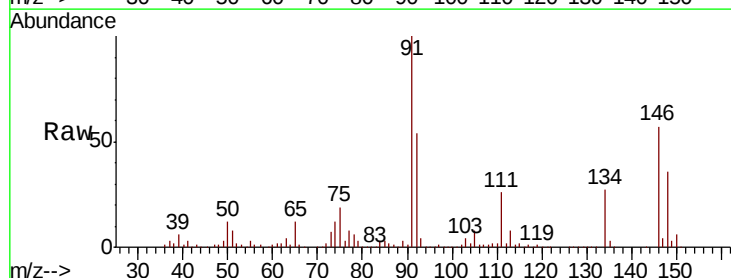
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

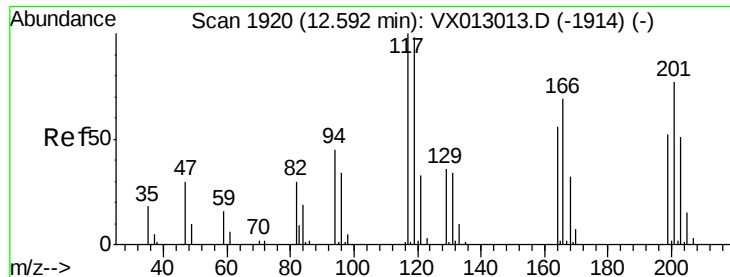
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.3
148	65.2	32.1	96.5



#89
 n-Butylbenzene
 Concen: 50.433 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.5
134	25.4	12.9	38.7

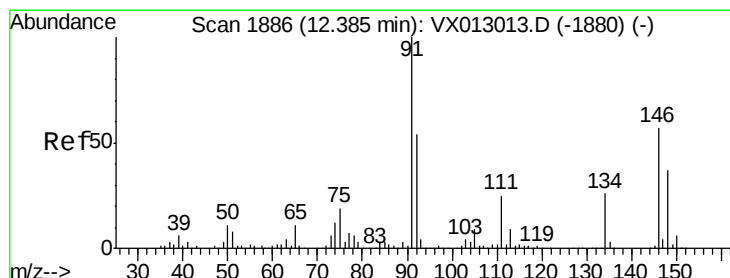
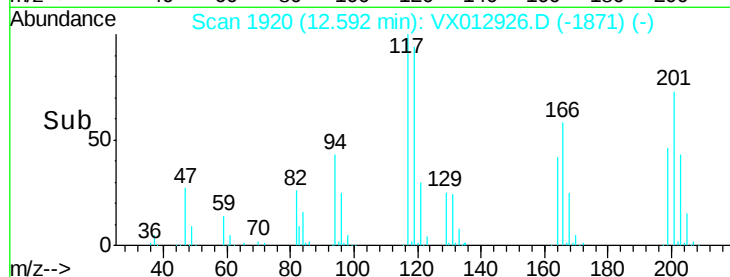
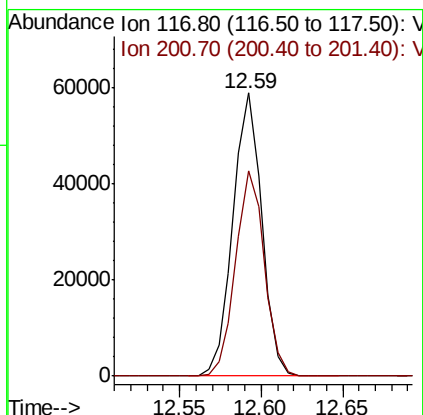
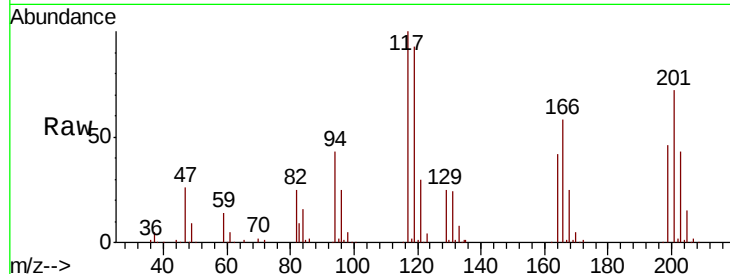




#90
Hexachloroethane
Concen: 47.946 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

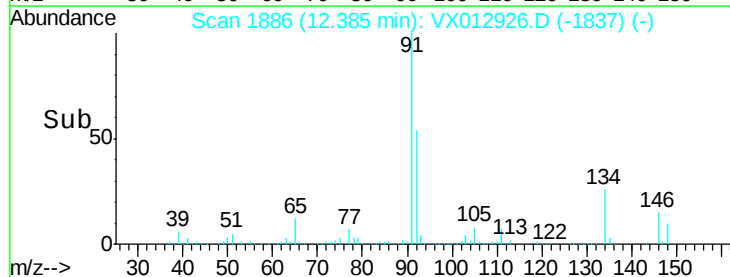
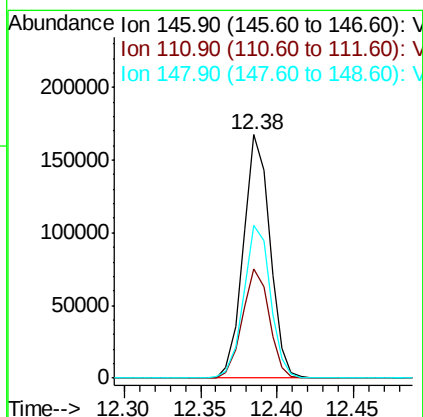
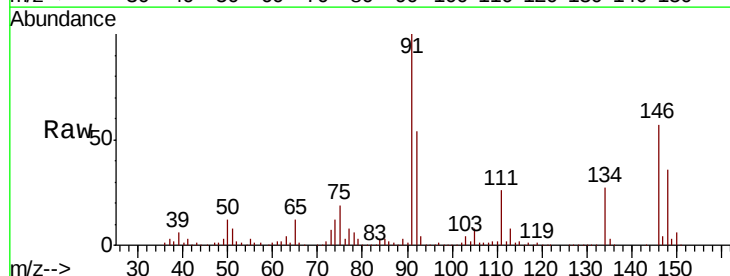
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

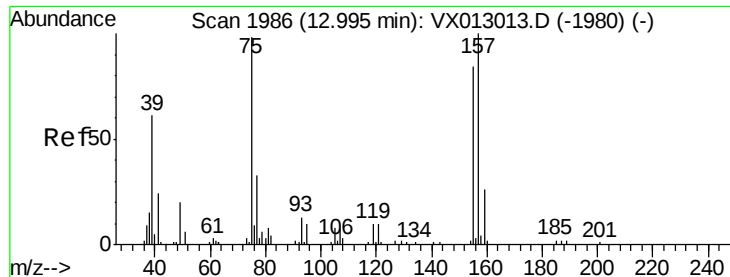
Tot Ion:117 Resp: 72320
Ion Ratio Lower Upper
117 100
201 72.7 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 50.646 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:146 Resp: 202559
Ion Ratio Lower Upper
146 100
111 45.0 22.7 68.0
148 63.0 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.372 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

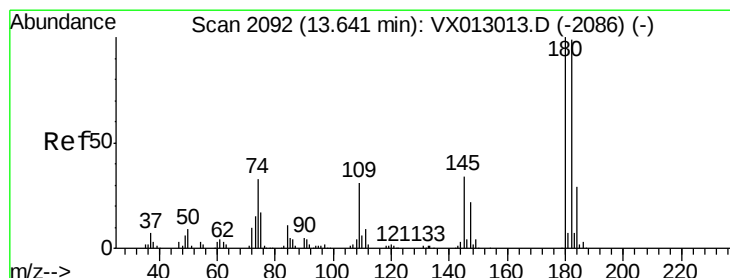
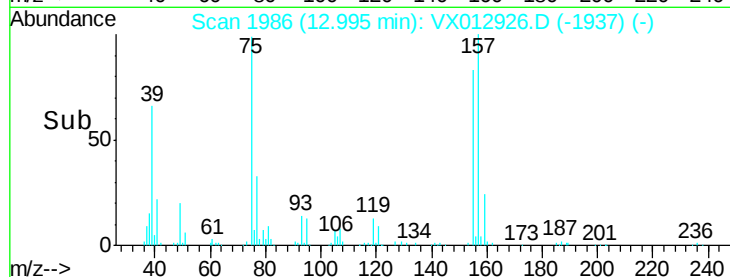
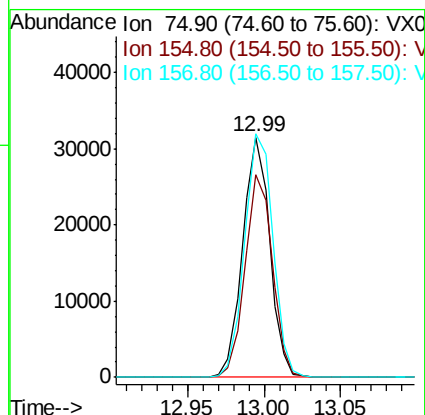
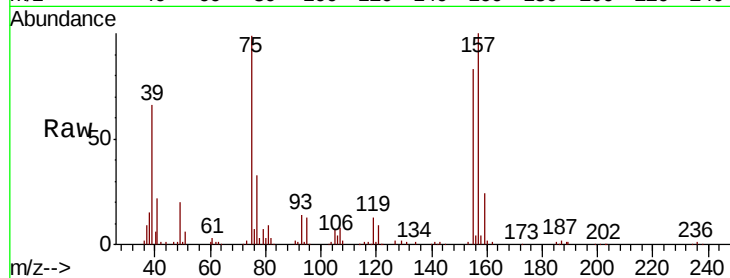
Tot Ion: 75 Resp: 38789

Ion Ratio Lower Upper

75 100

155 85.0 43.0 128.8

157 106.0 54.1 162.3



#93

1,2,4-Trichlorobenzene

Concen: 48.271 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

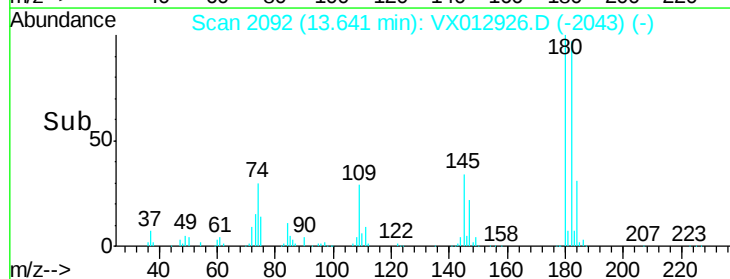
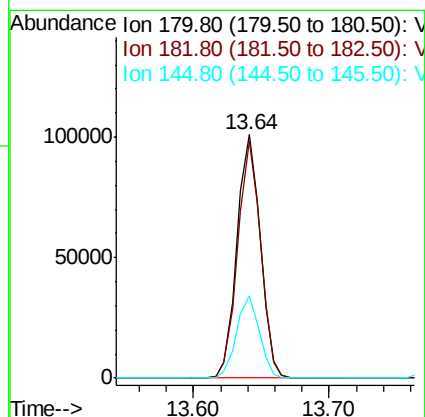
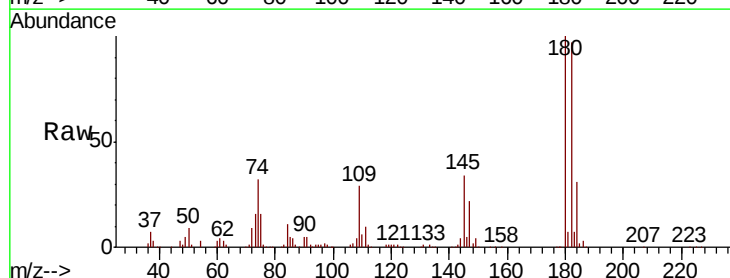
Tgt Ion: 180 Resp: 120939

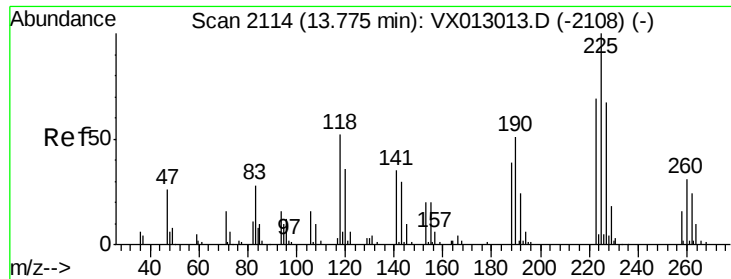
Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.4

145 33.3 16.2 48.6





#94

Hexachlorobutadiene

Concen: 46.332 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

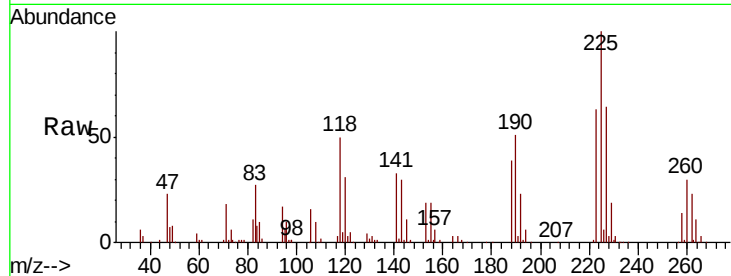
Tot Ion:225 Resp: 53571

Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

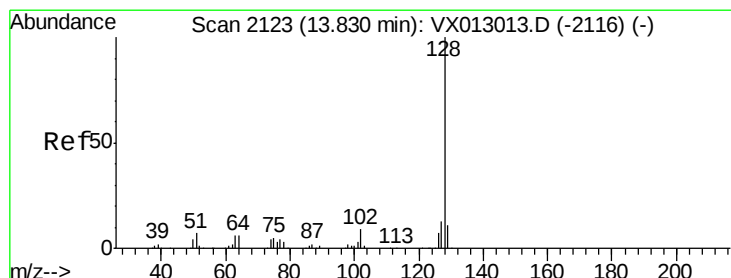
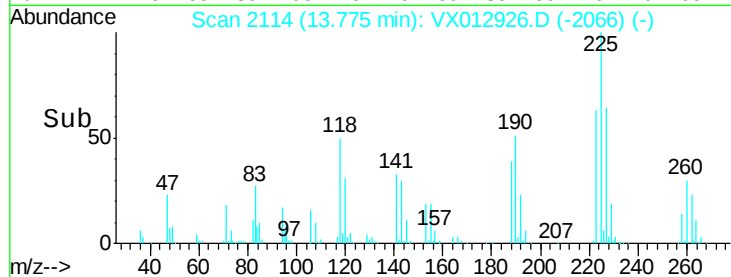
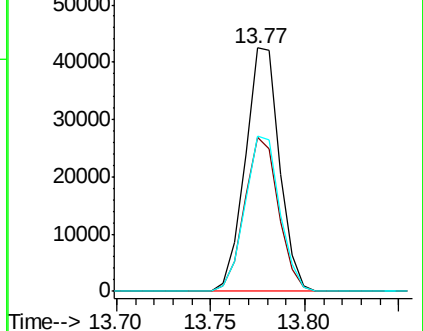
227 64.7 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.886 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

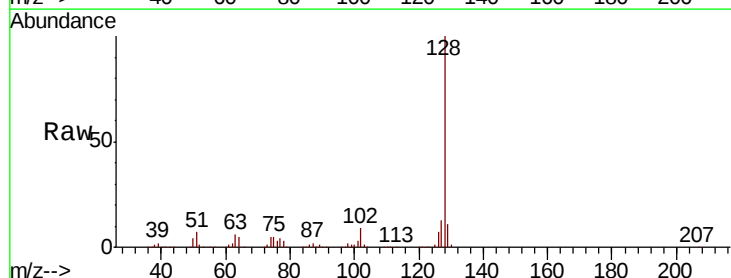
Tgt Ion:128 Resp: 441947

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

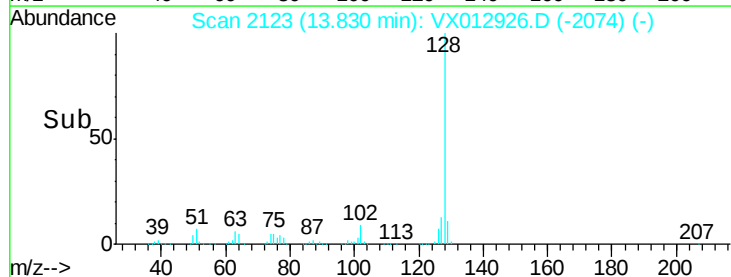
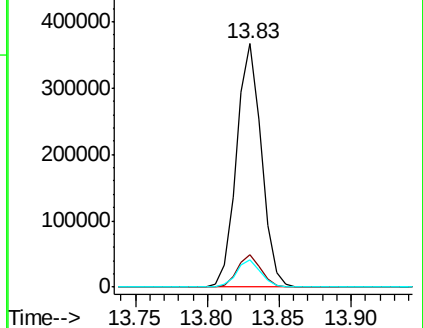
129 11.0 8.8 13.2

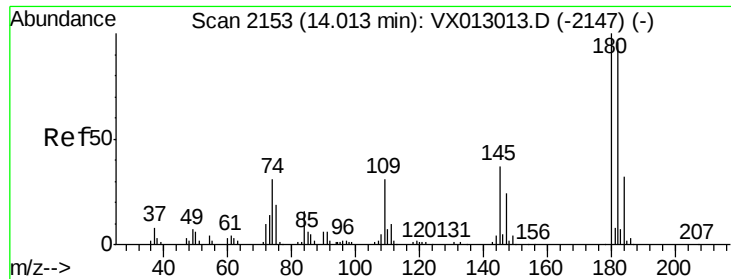


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.737 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion:	180	Resp:	126184
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.5
145	35.4	17.4	52.3

