

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX093019\
 Data File : VX012717.D
 Acq On : 30 Sep 2019 19:49
 Operator : JC/SP
 Sample : K5081-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

Quant Time: Oct 01 03:49:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	121796	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	5.49	113	92870	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	348377	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.14	95	135185	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87762	44.773	ug/l	100
3) Chloromethane	1.31	50	100235	44.532	ug/l	97
4) Vinyl Chloride	1.40	62	105751	47.268	ug/l	97
5) Bromomethane	1.62	94	40360	45.883	ug/l	99
6) Chloroethane	1.70	64	69845	46.310	ug/l	97
7) Trichlorofluoromethane	1.91	101	148168	47.170	ug/l	98
8) Diethyl Ether	2.18	74	61036	47.416	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92436	48.315	ug/l	96
10) Methyl Iodide	2.50	142	97375	48.480	ug/l	95
11) Tert butyl alcohol	3.04	59	167485	264.242	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93270	49.787	ug/l	98
13) Acrolein	2.28	56	101512	285.967	ug/l	98
14) Allyl chloride	2.72	41	178483	48.020	ug/l	96
15) Acrylonitrile	3.13	53	327598	254.760	ug/l	98
16) Acetone	2.44	43	292864	217.912	ug/l	97
17) Carbon Disulfide	2.56	76	245287	46.704	ug/l	99
18) Methyl Acetate	2.76	43	144294	45.597	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	351108	49.515	ug/l	97
20) Methylene Chloride	2.84	84	109728	48.272	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	101889	49.092	ug/l	93
22) Diisopropyl ether	3.84	45	351384	48.926	ug/l	97
23) Vinyl Acetate	3.80	43	1450978	230.380	ug/l	97
24) 1,1-Dichloroethane	3.69	63	195454	50.066	ug/l	100
25) 2-Butanone	4.66	43	461401	239.437	ug/l	96
26) 2,2-Dichloropropane	4.58	77	132665	38.209	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	119282	49.532	ug/l	92
28) Bromochloromethane	5.00	49	68492	48.319	ug/l	97
29) Tetrahydrofuran	5.12	42	297691	253.455	ug/l	98
30) Chloroform	5.20	83	193662	48.488	ug/l	96
31) Cyclohexane	5.57	56	172403	48.815	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	173258	48.946	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142267	46.991	ug/l	98
37) Ethyl Acetate	4.82	43	163465	46.183	ug/l	98
38) Carbon Tetrachloride	5.78	117	145890	47.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169247	46.436	ug/l	97
40) Benzene	6.13	78	433456	48.660	ug/l	98
41) Methacrylonitrile	5.03	41	96387	48.536	ug/l	96
42) 1,2-Dichloroethane	6.18	62	160090	47.327	ug/l	98
43) Isopropyl Acetate	6.43	43	268960	45.439	ug/l	98
44) Trichloroethene	7.20	130	108459	47.627	ug/l	91
45) 1,2-Dichloropropane	7.51	63	111696	48.976	ug/l	100
46) Dibromomethane	7.65	93	74334	47.872	ug/l	98
47) Bromodichloromethane	7.89	83	151038	48.669	ug/l	99
48) Methyl methacrylate	7.76	41	136894	48.233	ug/l	93
49) 1,4-Dioxane	7.73	88	69347	1077.232	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	896852	245.459	ug/l	96
52) Toluene	8.78	92	272433	48.661	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164137	47.803	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177981	47.475	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	111457	50.074	ug/l	98
56) Ethyl methacrylate	9.17	69	184616	49.370	ug/l	93
57) 1,3-Dichloropropane	9.37	76	188996	48.515	ug/l	99
59) 2-Hexanone	9.49	43	701514	250.832	ug/l	95
60) Dibromochloromethane	9.58	129	114180	50.674	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116368	50.234	ug/l	99
64) Tetrachloroethene	9.33	164	94454	49.047	ug/l	91
65) Chlorobenzene	10.14	112	281641	48.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	105721	50.166	ug/l	98
67) Ethyl Benzene	10.25	91	518501	49.150	ug/l	99
68) m/p-Xylenes	10.35	106	388590	98.332	ug/l	100
69) o-Xylene	10.70	106	188660	49.337	ug/l	99
70) Styrene	10.71	104	330221	51.513	ug/l	98
71) Bromoform	10.85	173	77365	52.722	ug/l #	98
73) Isopropylbenzene	11.01	105	506258	48.511	ug/l	100
74) N-amyl acetate	10.89	43	230891	46.376	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	176543	51.080	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	204970	60.474	ug/l	87
77) Bromobenzene	11.25	156	115352	48.838	ug/l	100
78) n-propylbenzene	11.35	91	566893	48.250	ug/l	100
79) 2-Chlorotoluene	11.42	91	342871	46.781	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	431459	49.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54629	46.189	ug/l	97
82) 4-Chlorotoluene	11.51	91	410884	49.178	ug/l	98
83) tert-Butylbenzene	11.76	119	415822	49.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	432734	49.017	ug/l	99
85) sec-Butylbenzene	11.94	105	478908	48.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	439065	49.558	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207835	48.896	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	211910	49.337	ug/l	99
89) n-Butylbenzene	12.39	91	363187	46.520	ug/l	99
90) Hexachloroethane	12.59	117	78561	49.737	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215067	50.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44907	51.942	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	126679	48.813	ug/l	99

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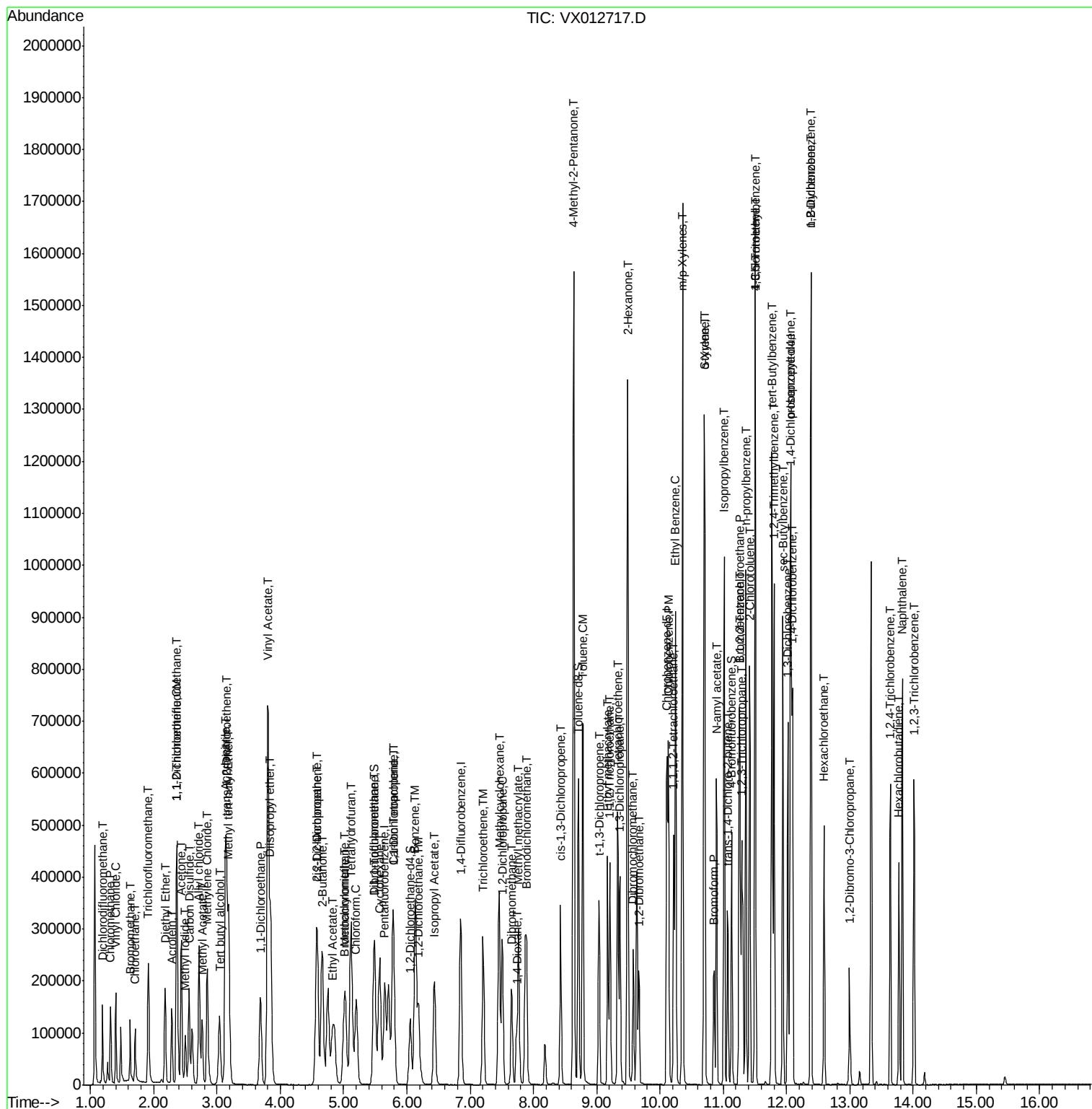
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

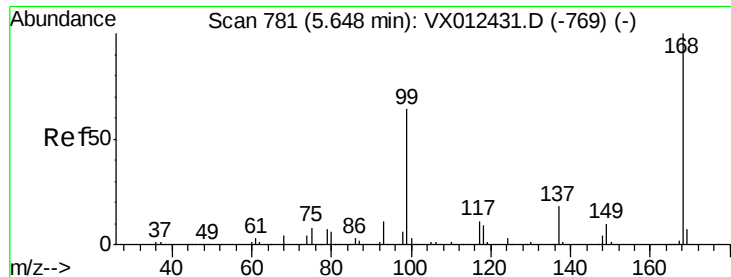
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	55519	49.728	ug/l	99
95) Naphthalene	13.83	128	463980	49.415	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127062	48.876	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

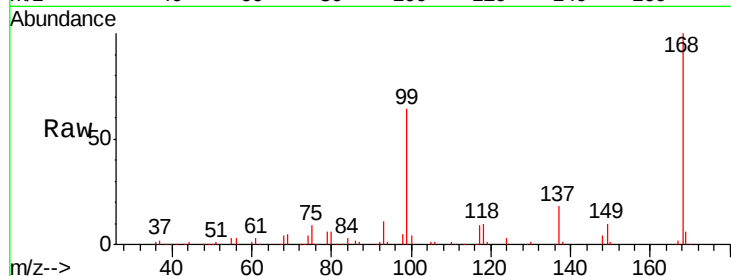
FT-MW10I-20190925MSD

Tgt Ion: 168 Resp: 174241

Ion Ratio Lower Upper

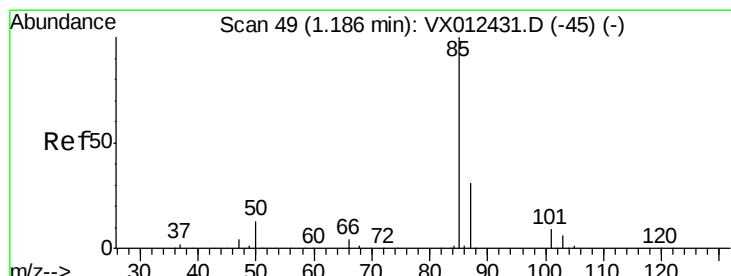
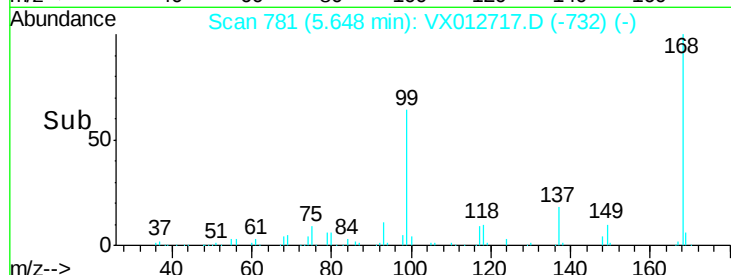
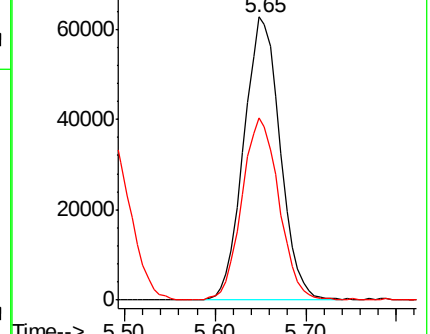
168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.773 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012717.D

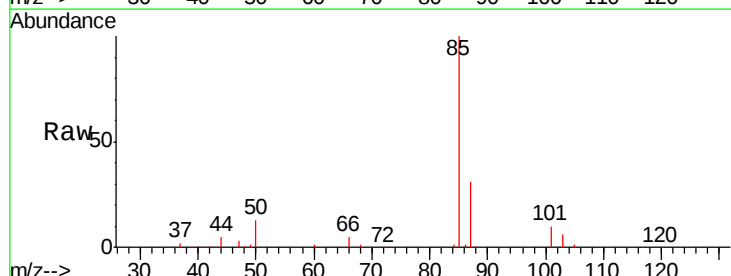
Acq: 30 Sep 2019 19:49

Tgt Ion: 85 Resp: 87762

Ion Ratio Lower Upper

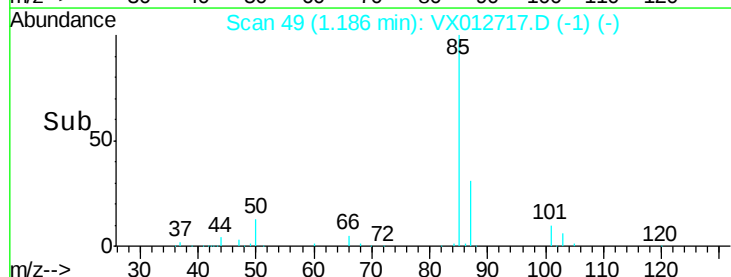
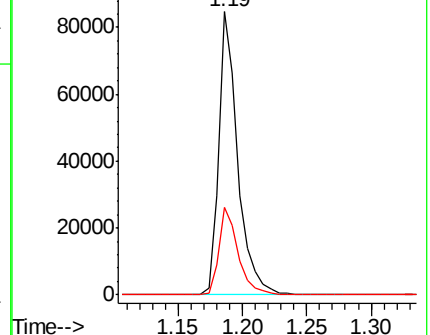
85 100

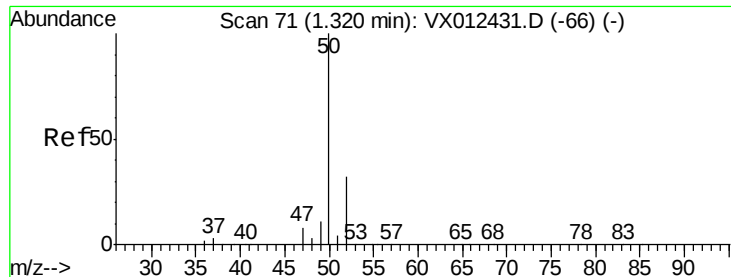
87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.532 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

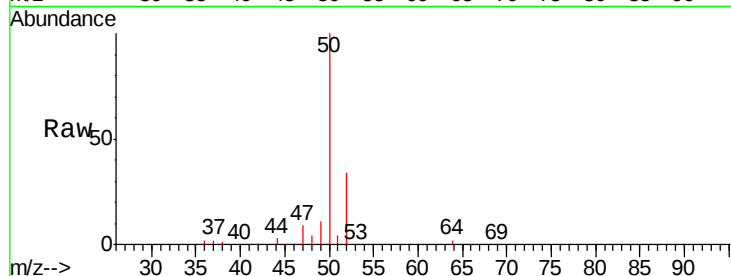
FT-MW10I-20190925MSD

Tgt Ion: 50 Resp: 100235

Ion Ratio Lower Upper

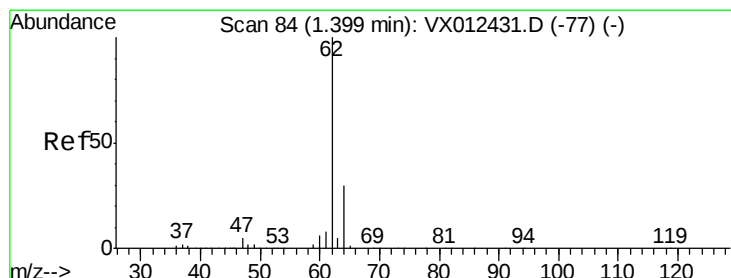
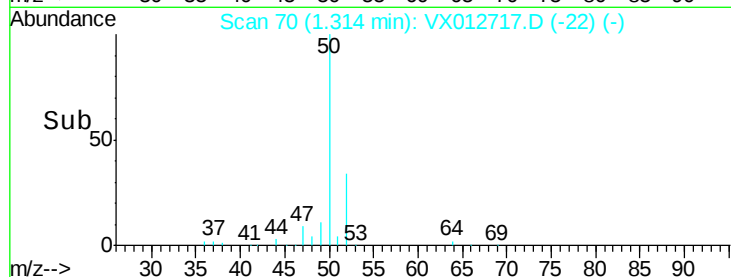
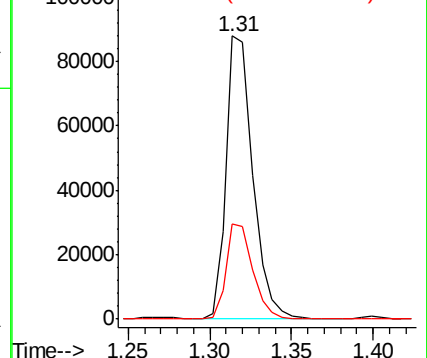
50 100

52 33.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.268 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012717.D

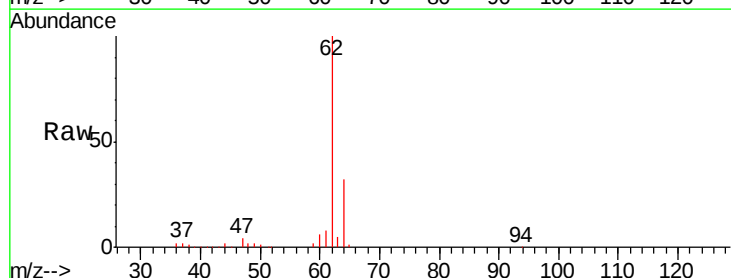
Acq: 30 Sep 2019 19:49

Tgt Ion: 62 Resp: 105751

Ion Ratio Lower Upper

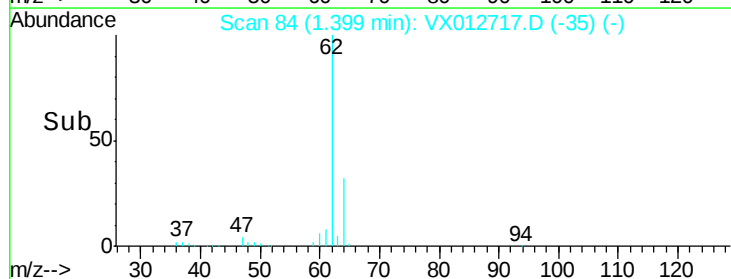
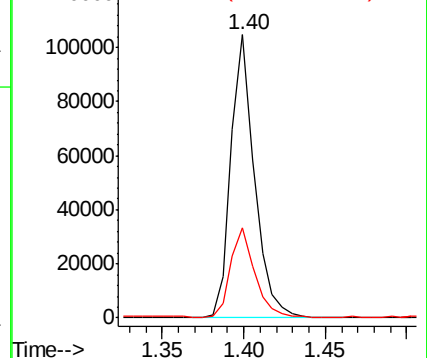
62 100

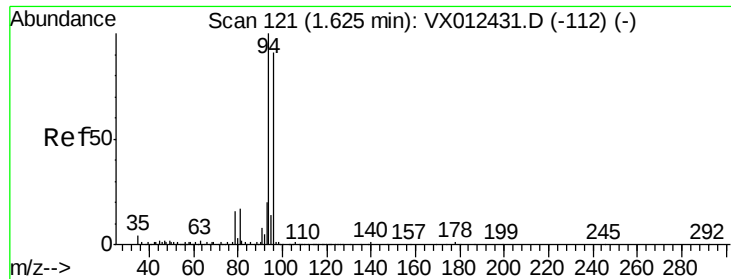
64 31.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.883 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

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ClientSampleId :

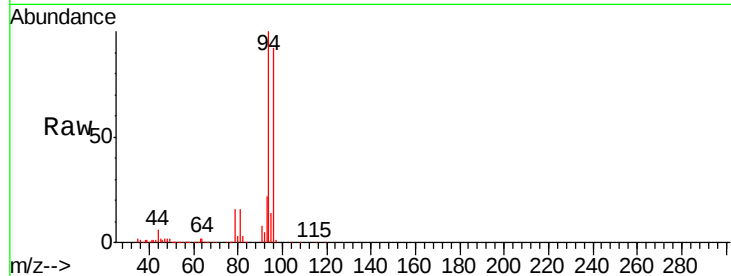
FT-MW10I-20190925MSD

Tgt Ion: 94 Resp: 40360

Ion Ratio Lower Upper

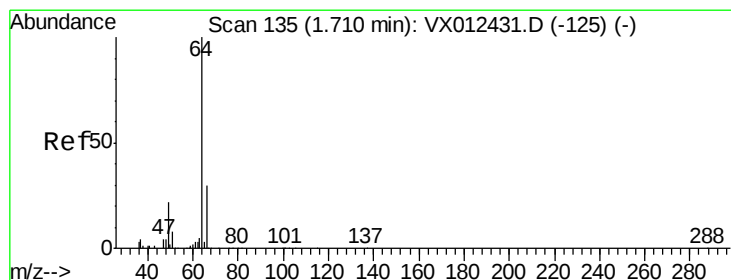
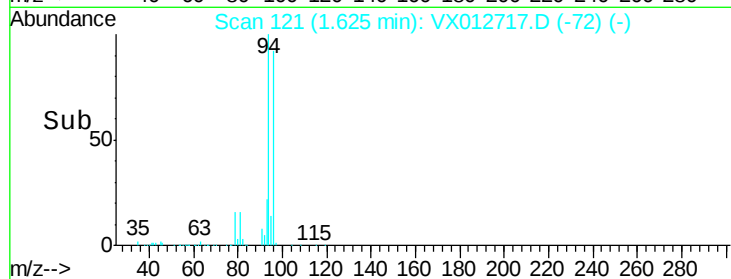
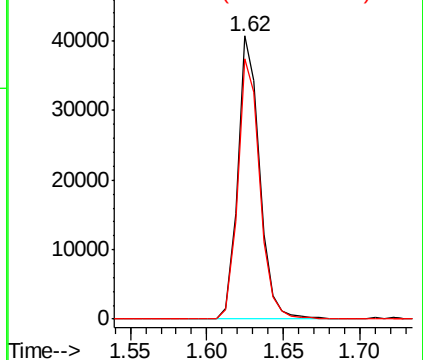
94 100

96 92.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.310 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012717.D

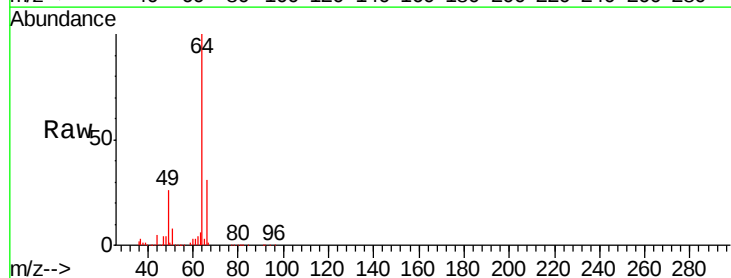
Acq: 30 Sep 2019 19:49

Tgt Ion: 64 Resp: 69845

Ion Ratio Lower Upper

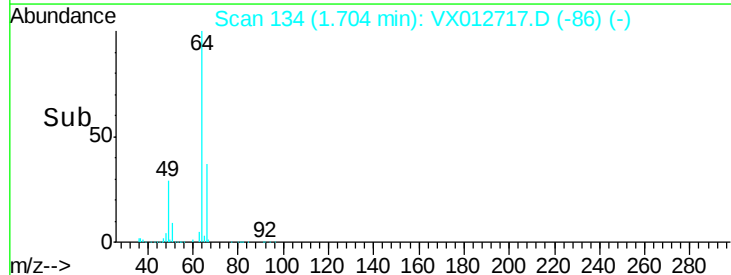
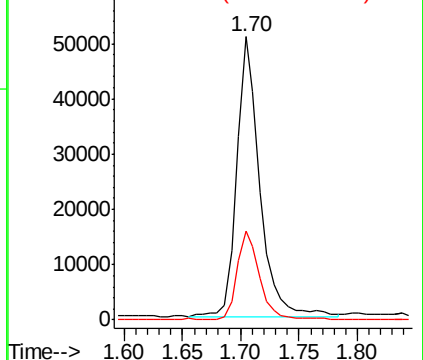
64 100

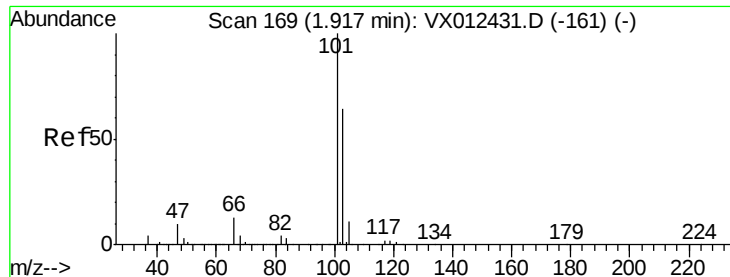
66 31.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



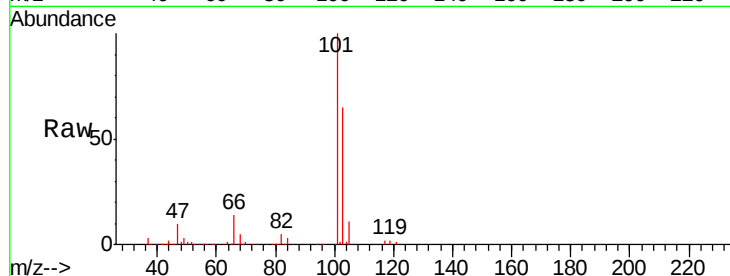


#7

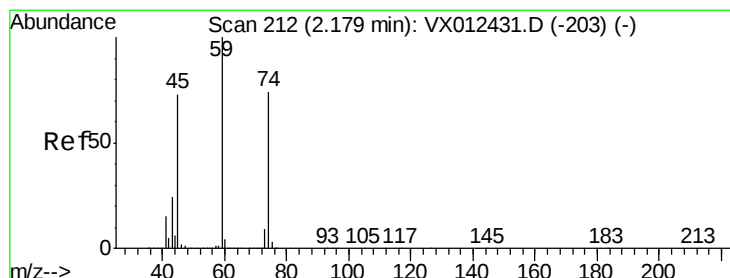
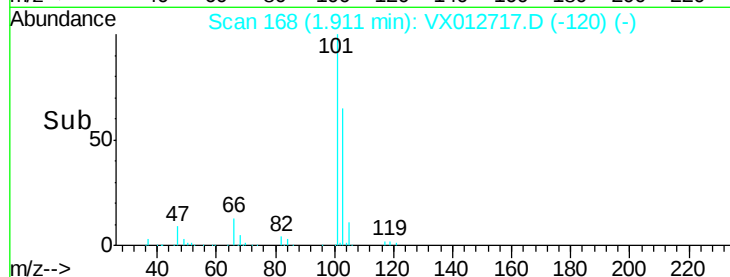
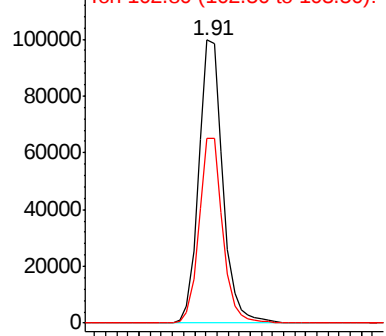
Trichlorofluoromethane
 Concen: 47.170 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

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Tgt Ion: 101 Resp: 148168
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.4



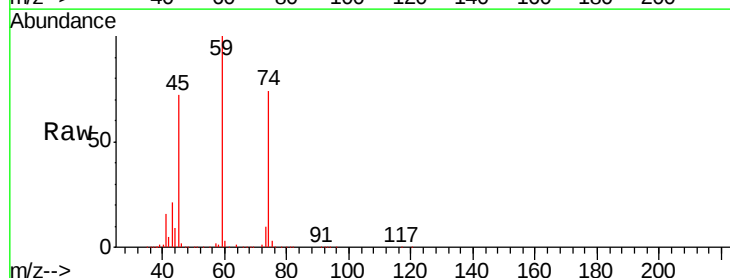
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



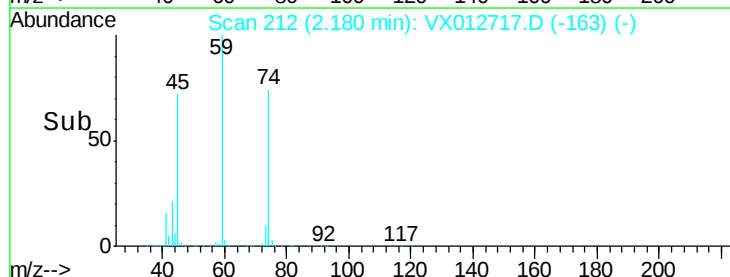
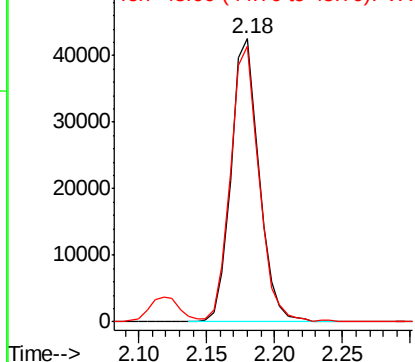
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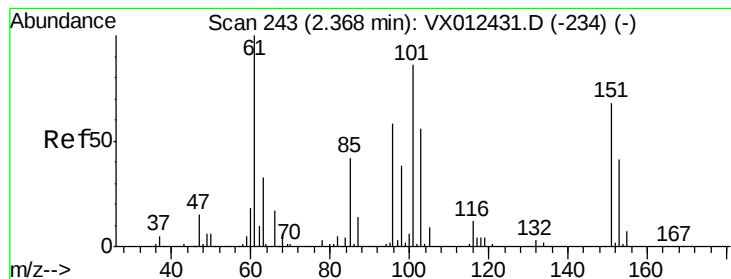
Diethyl Ether
 Concen: 47.416 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 74 Resp: 61036
 Ion Ratio Lower Upper
 74 100
 45 99.0 49.9 149.7



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: 48.315 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012717.D

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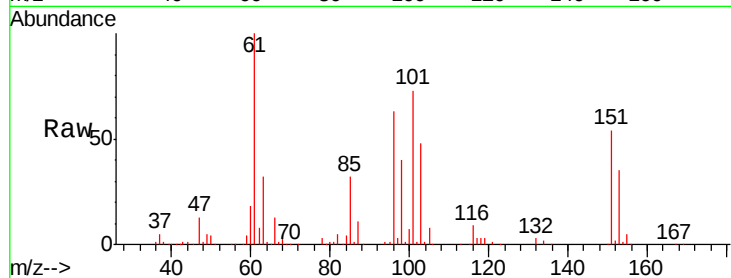
Tgt Ion:101 Resp: 92436

Ion Ratio Lower Upper

101 100

85 44.0 37.3 55.9

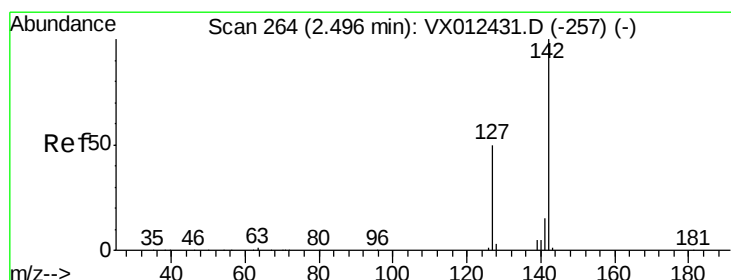
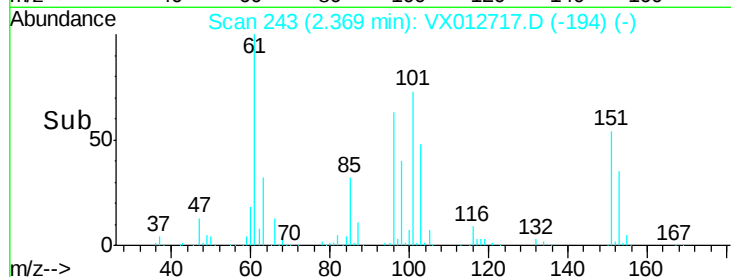
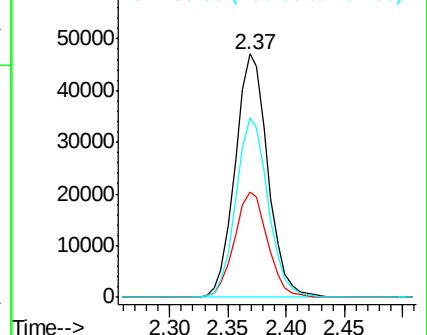
151 72.7 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.480 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

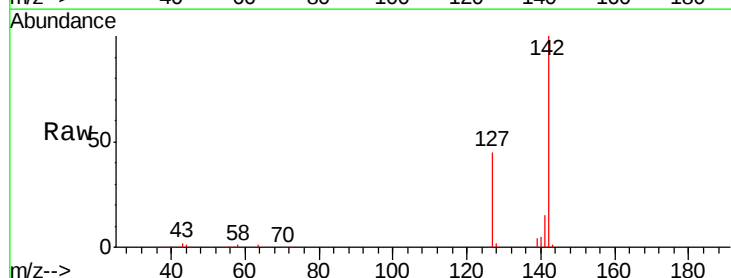
Tgt Ion:142 Resp: 97375

Ion Ratio Lower Upper

142 100

127 46.4 40.8 61.2

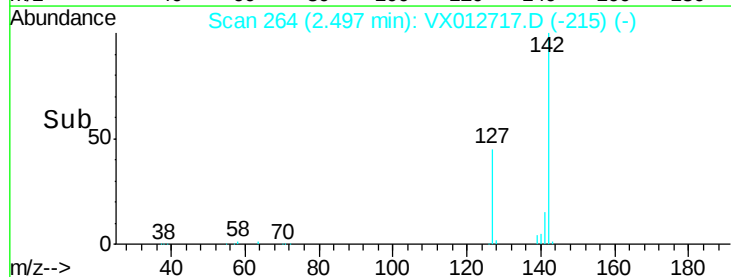
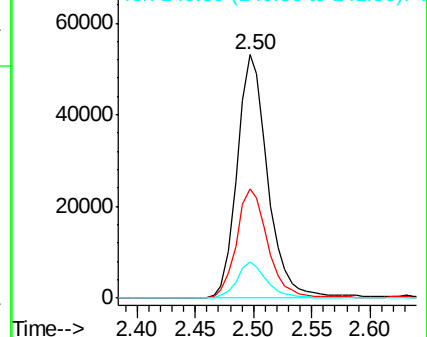
141 14.5 12.1 18.1

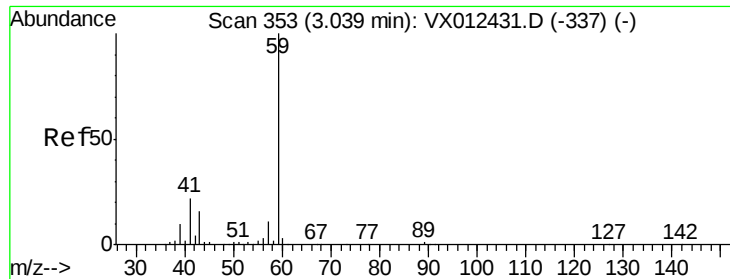


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

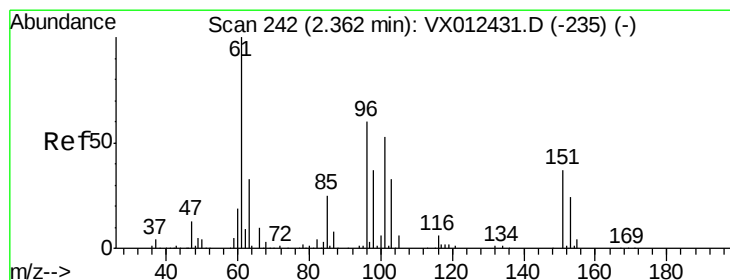
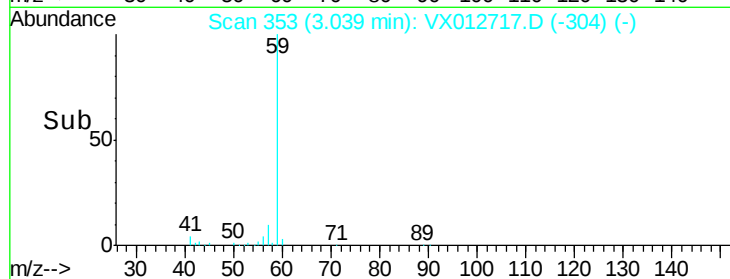
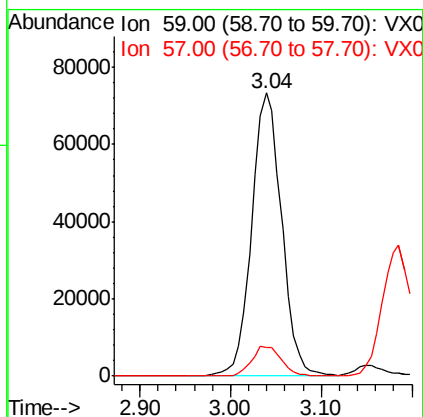
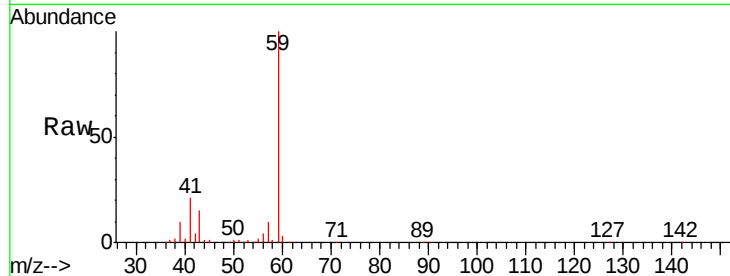




#11
Tert butyl alcohol
Concen: 264.242 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

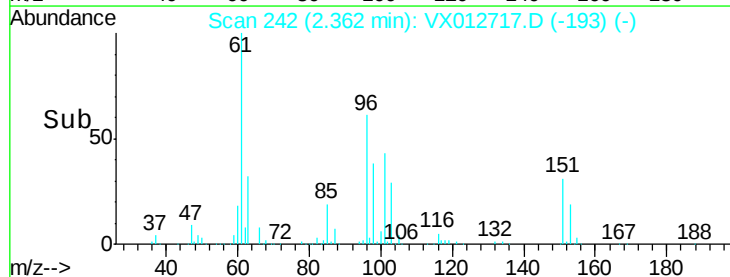
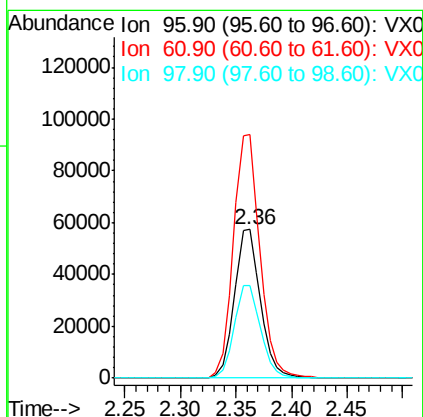
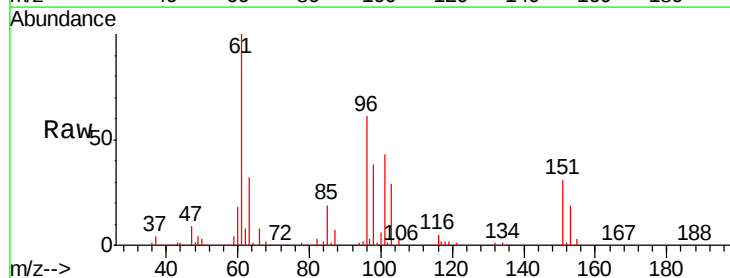
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

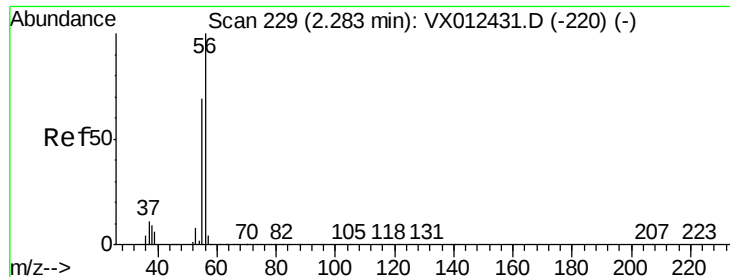
Tgt Ion: 59 Resp: 167485
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.787 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion: 96 Resp: 93270
Ion Ratio Lower Upper
96 100
61 163.7 133.8 200.6
98 62.6 49.9 74.9

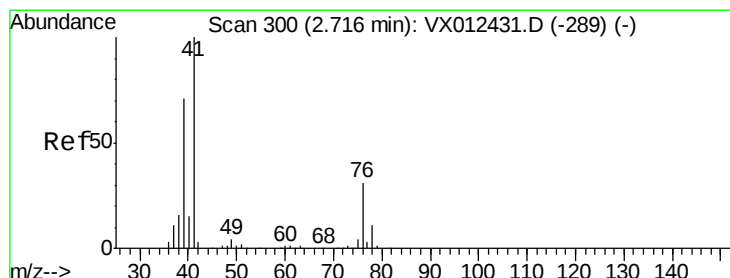
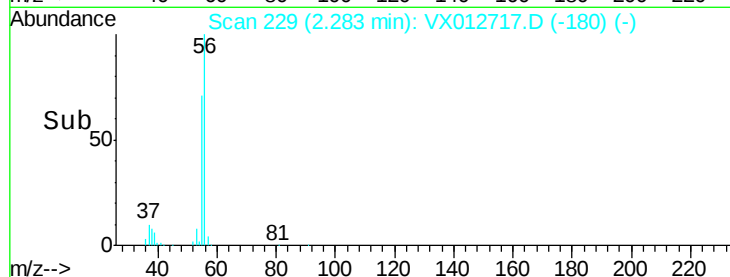
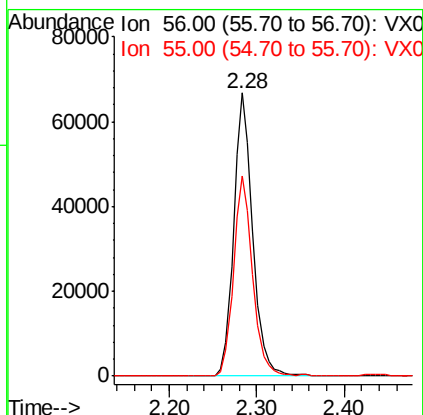
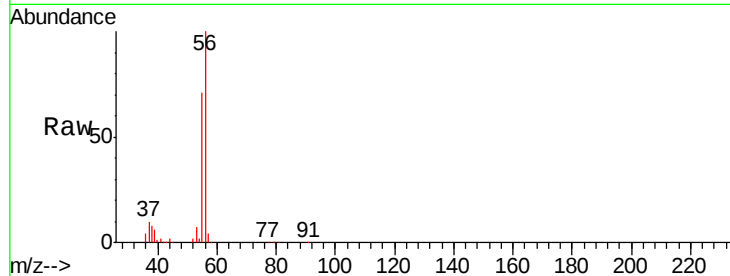




#13
 Acrolein
 Concen: 285.967 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

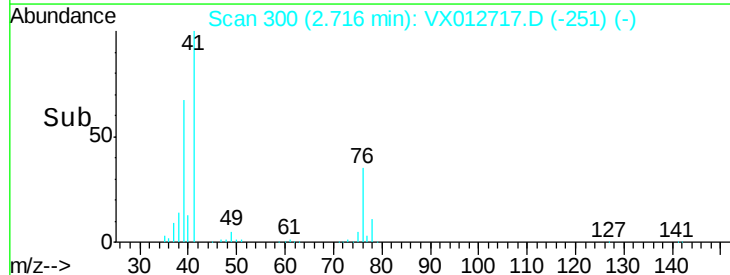
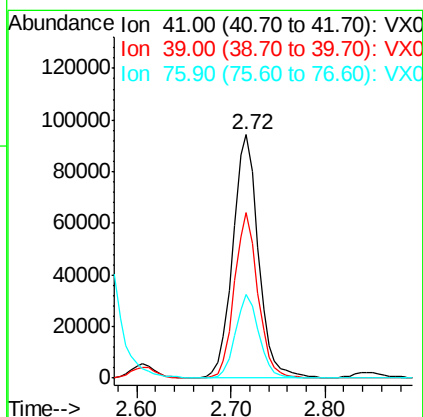
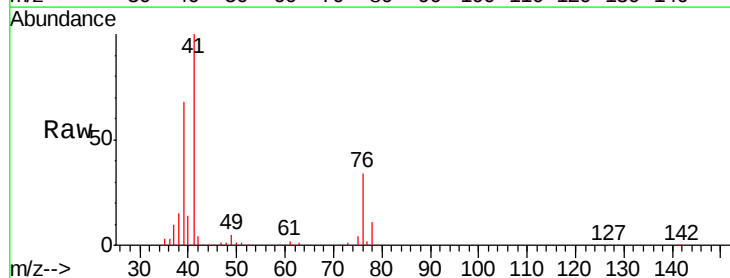
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

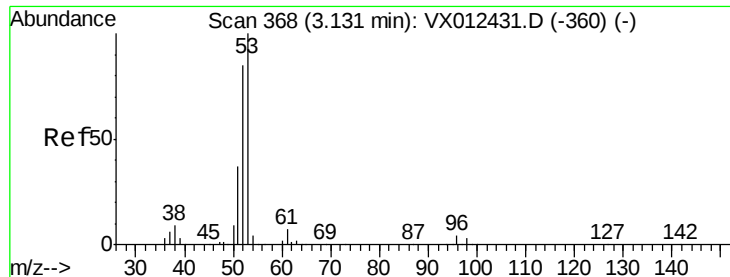
Tgt Ion: 56 Resp: 101512
 Ion Ratio Lower Upper
 56 100
 55 71.1 55.8 83.8



#14
 Allyl chloride
 Concen: 48.020 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 41 Resp: 178483
 Ion Ratio Lower Upper
 41 100
 39 62.1 51.3 76.9
 76 31.5 22.6 33.8





#15

Acrylonitrile

Concen: 254.760 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

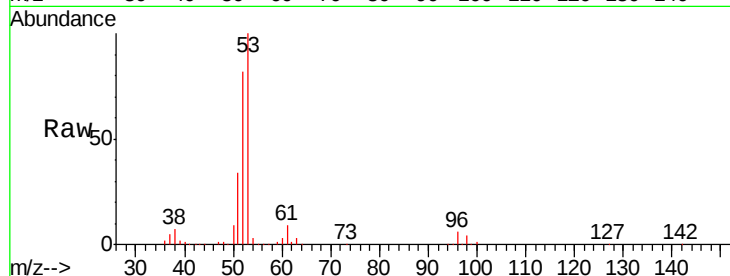
Tgt Ion: 53 Resp: 327598

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

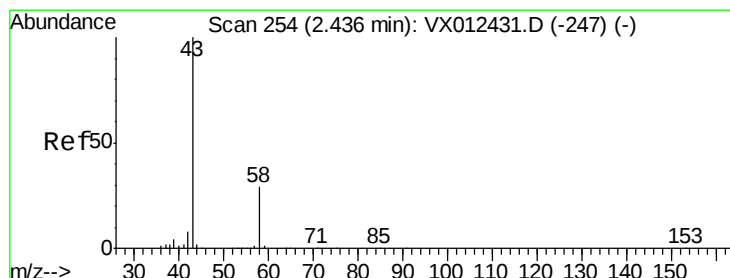
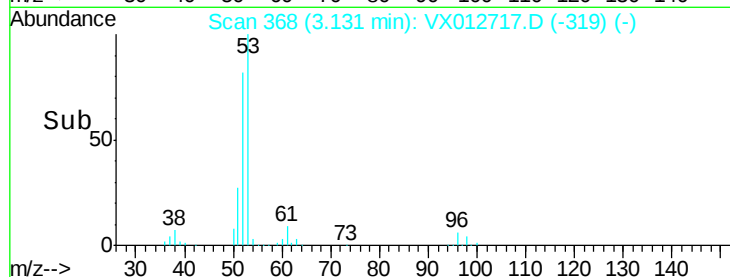
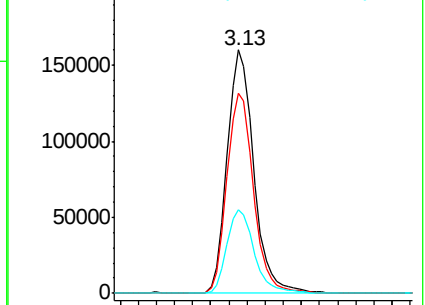
51 35.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 217.912 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012717.D

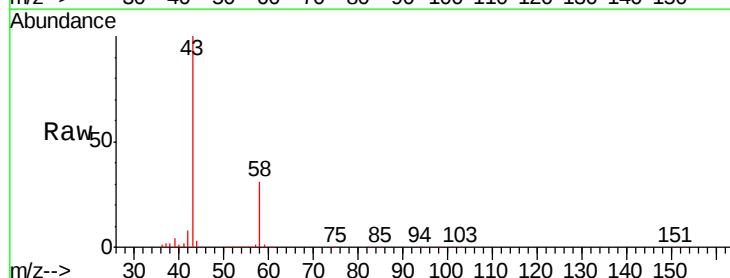
Acq: 30 Sep 2019 19:49

Tgt Ion: 43 Resp: 292864

Ion Ratio Lower Upper

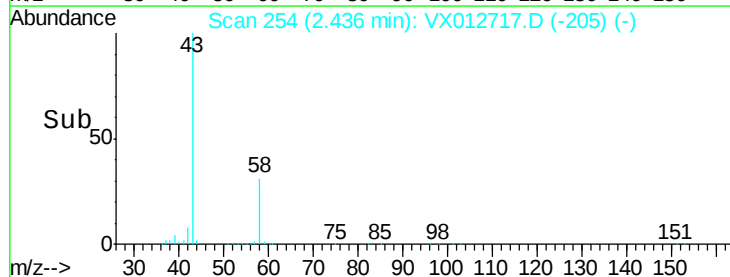
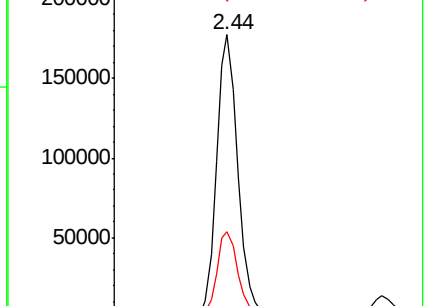
43 100

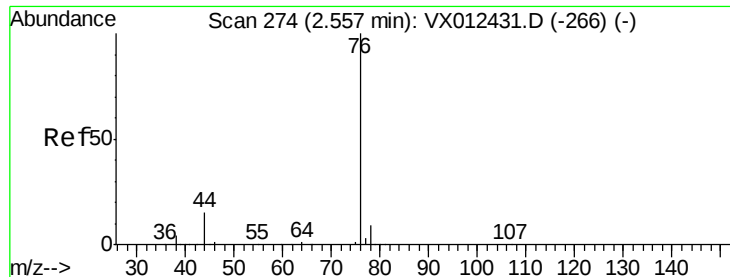
58 30.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.704 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

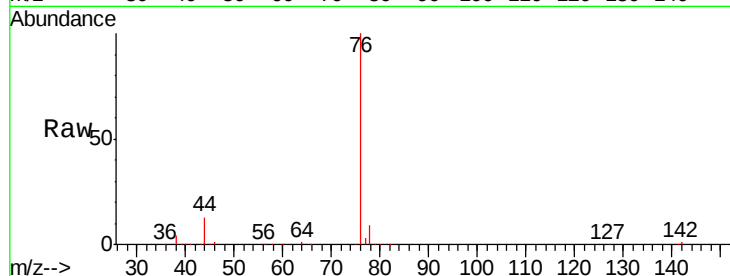
FT-MW10I-20190925MSD

Tgt Ion: 76 Resp: 245287

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

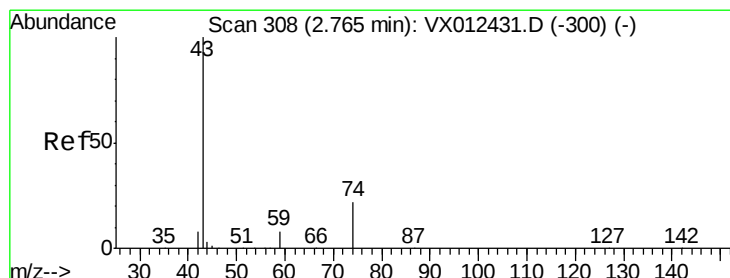
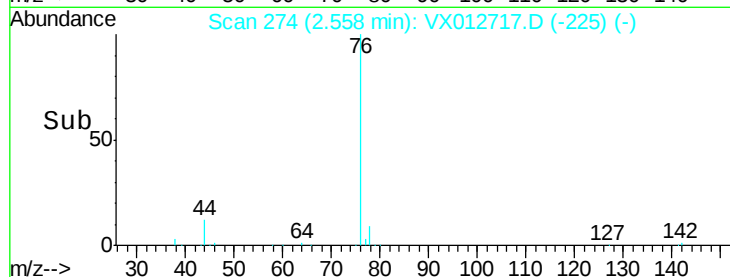
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 45.597 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012717.D

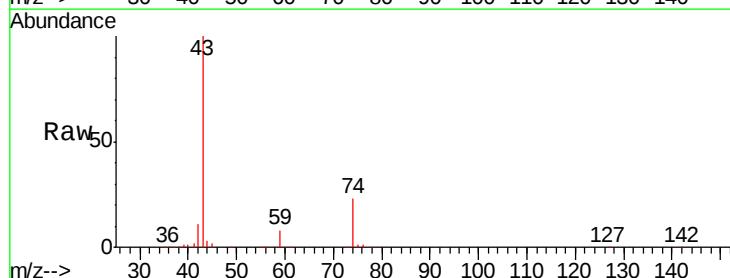
Acq: 30 Sep 2019 19:49

Tgt Ion: 43 Resp: 144294

Ion Ratio Lower Upper

43 100

74 24.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

0

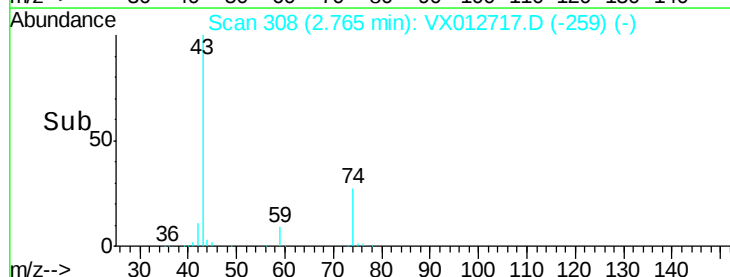
Time-->

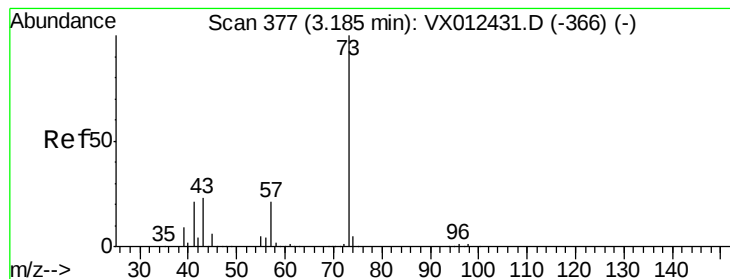
2.70

2.75

2.80

2.85





#19

Methyl tert-butyl Ether

Concen: 49.515 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

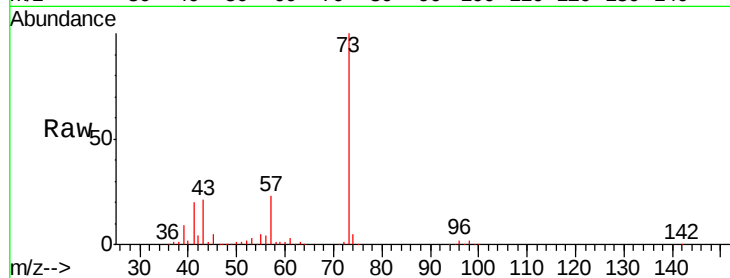
FT-MW10I-20190925MSD

Tgt Ion: 73 Resp: 351108

Ion Ratio Lower Upper

73 100

57 22.6 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

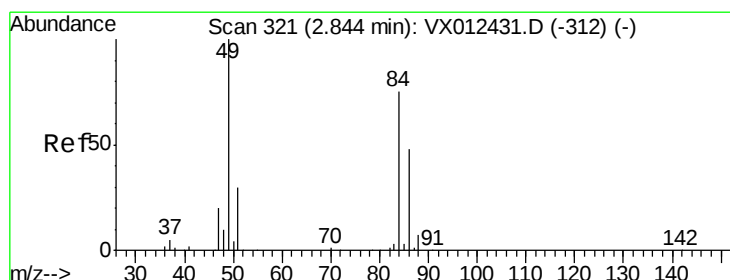
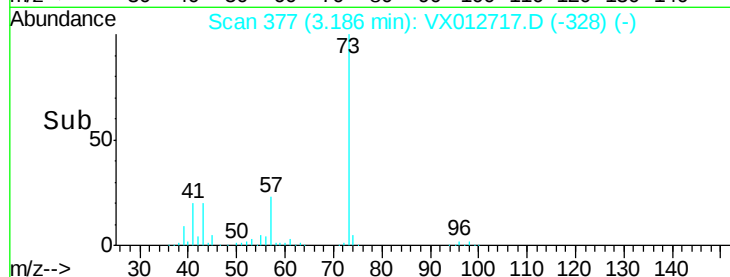
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 48.272 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Tgt Ion: 84 Resp: 109728

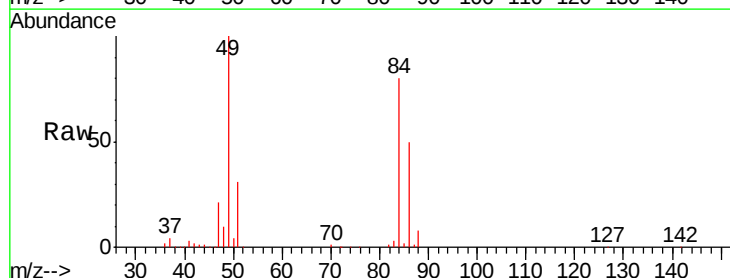
Ion Ratio Lower Upper

84 100

49 124.8 106.8 160.2

51 38.5 32.3 48.5

86 62.7 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

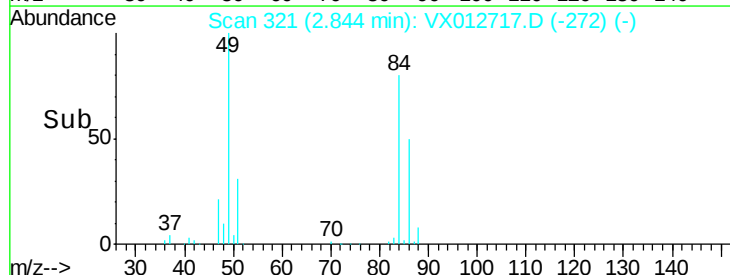
60000

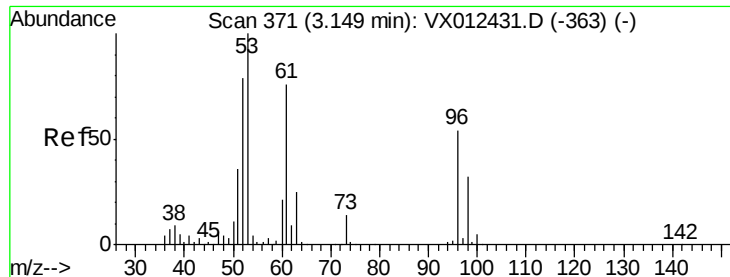
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.092 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

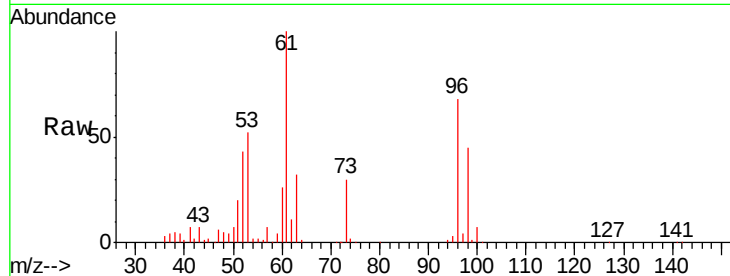
Tgt Ion: 96 Resp: 101889

Ion Ratio Lower Upper

96 100

61 147.8 112.0 168.0

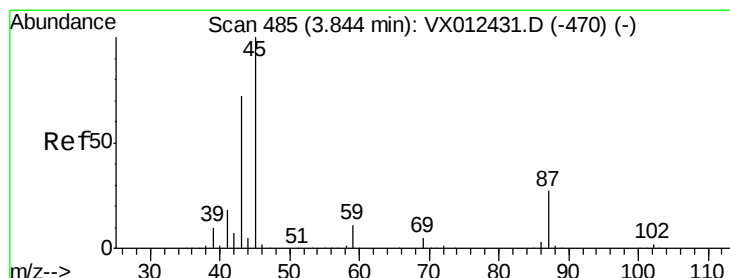
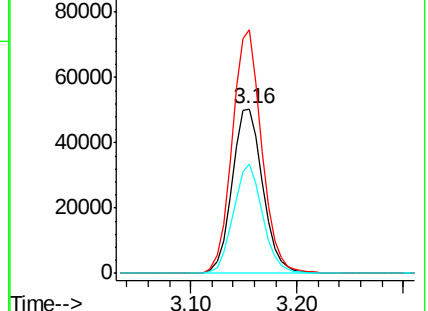
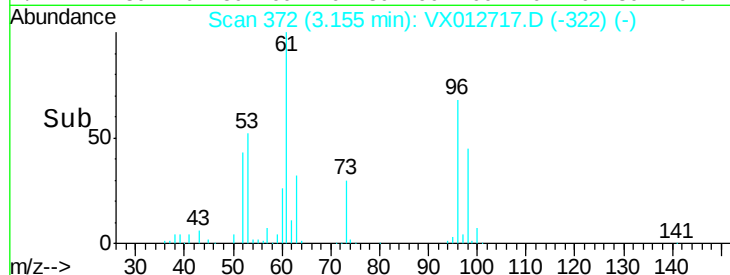
98 66.1 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.926 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Tgt Ion: 45 Resp: 351384

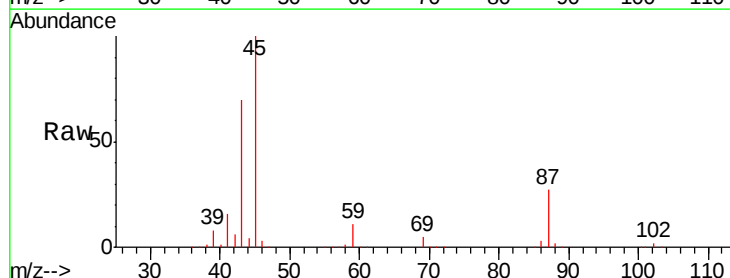
Ion Ratio Lower Upper

45 100

43 69.7 57.8 86.8

87 27.4 21.3 31.9

59 11.4 8.5 12.7

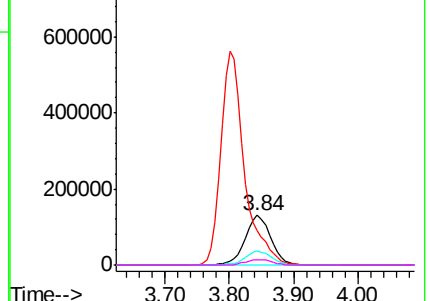
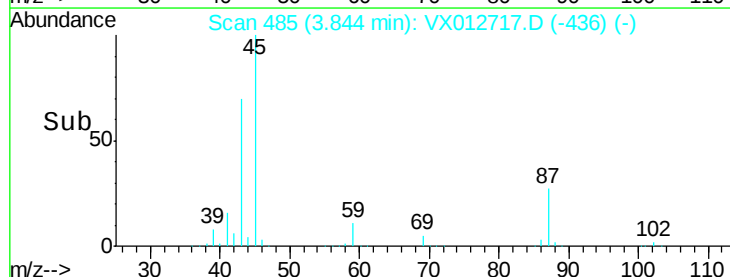


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

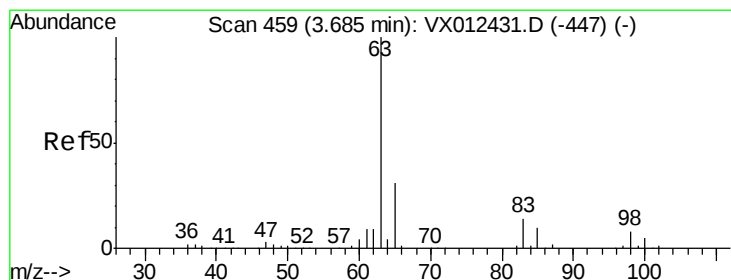
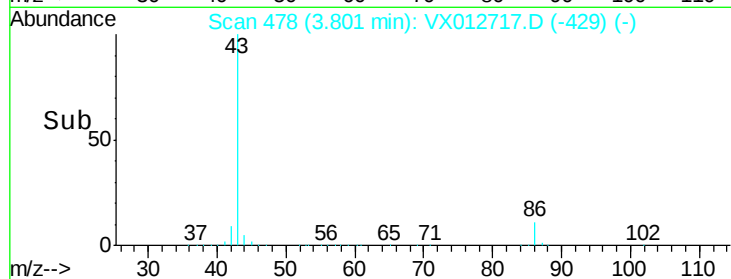
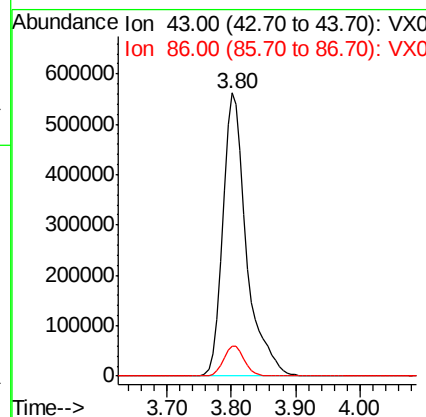
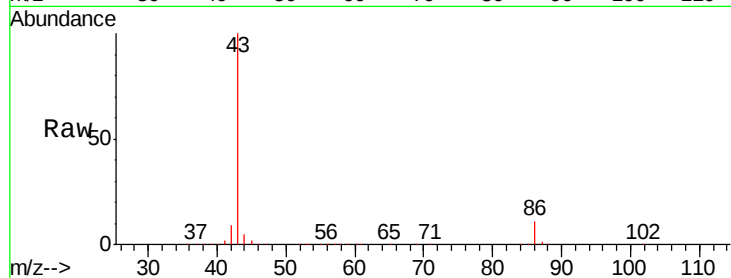




#23
 Vinyl Acetate
 Concen: 230.380 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

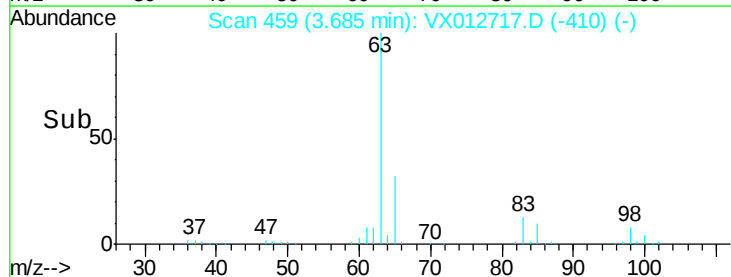
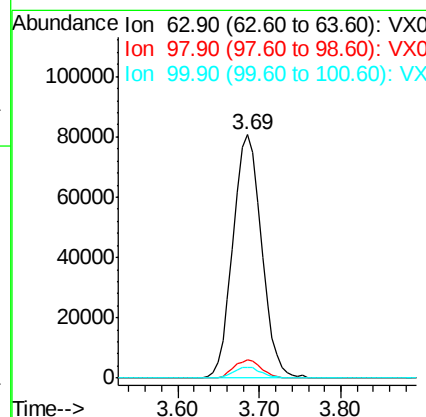
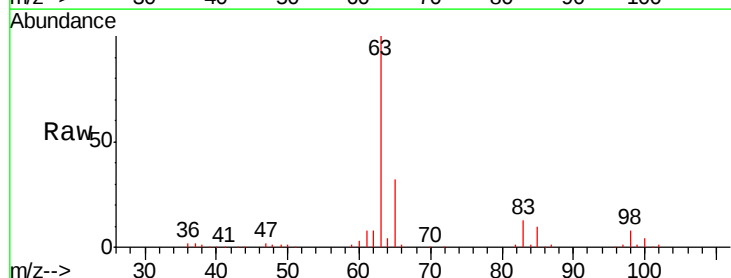
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

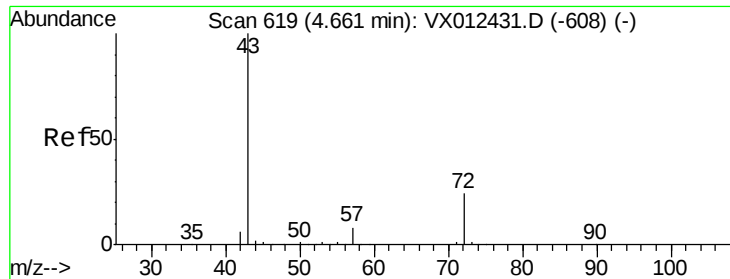
Tgt Ion: 43 Resp: 1450978
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.066 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 63 Resp: 195454
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 239.437 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

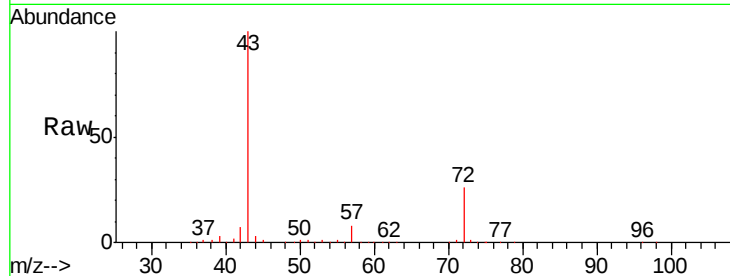
FT-MW10I-20190925MSD

Tgt Ion: 43 Resp: 461401

Ion Ratio Lower Upper

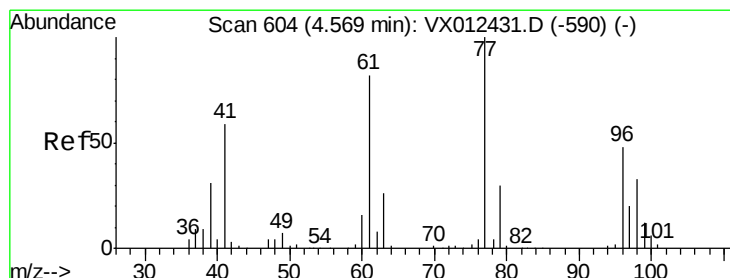
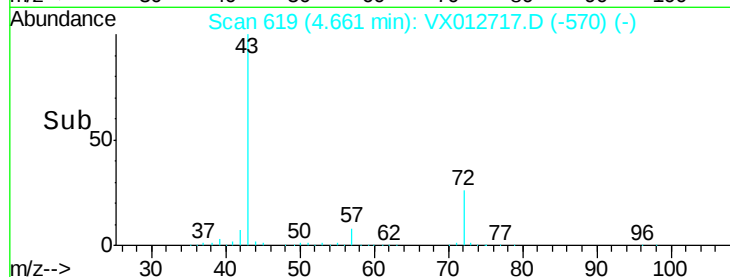
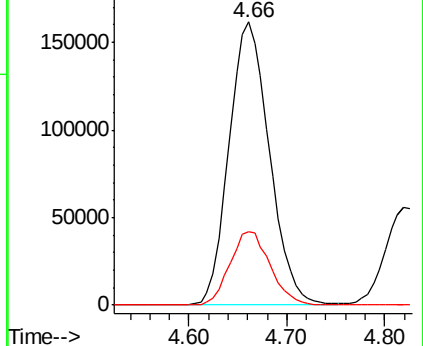
43 100

72 25.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.209 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012717.D

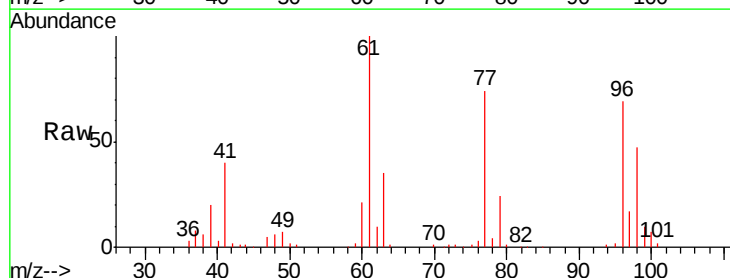
Acq: 30 Sep 2019 19:49

Tgt Ion: 77 Resp: 132665

Ion Ratio Lower Upper

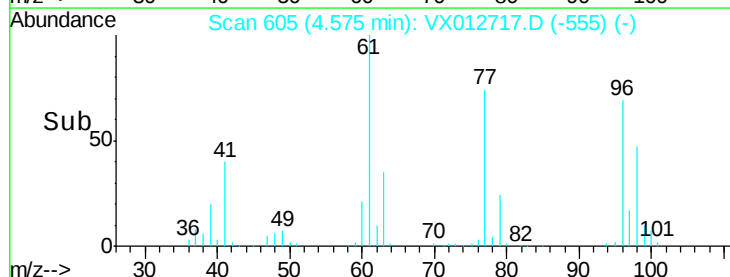
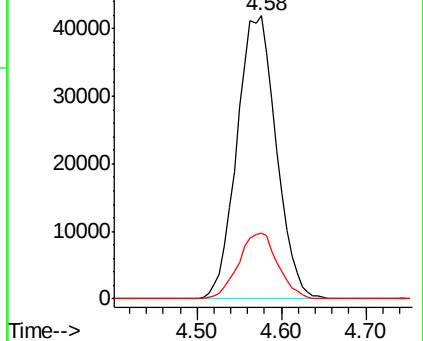
77 100

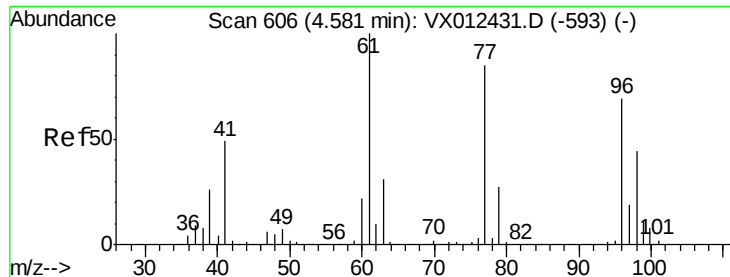
97 23.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

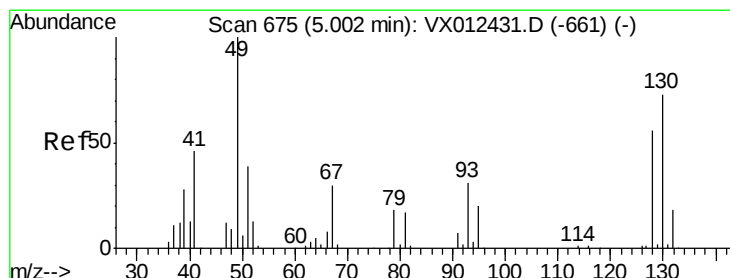
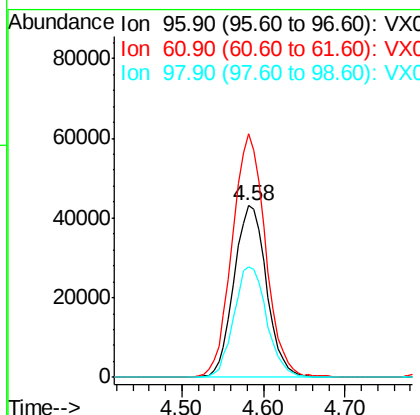
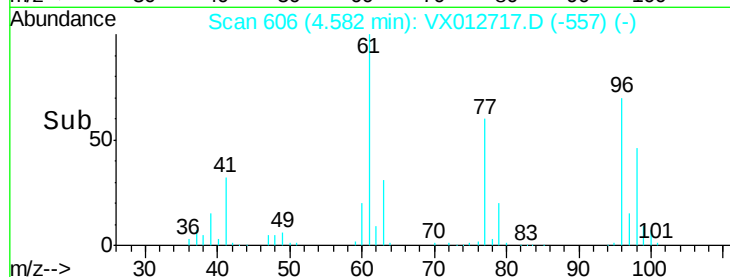
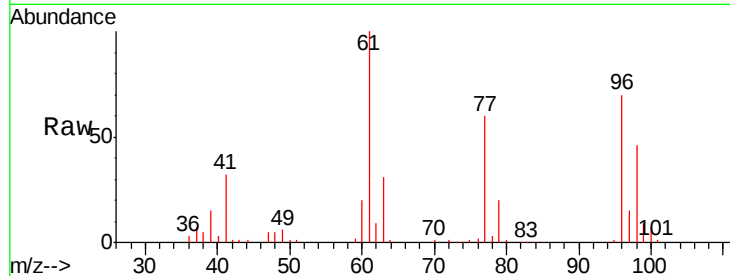




#27
 cis-1,2-Dichloroethene
 Concen: 49.532 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

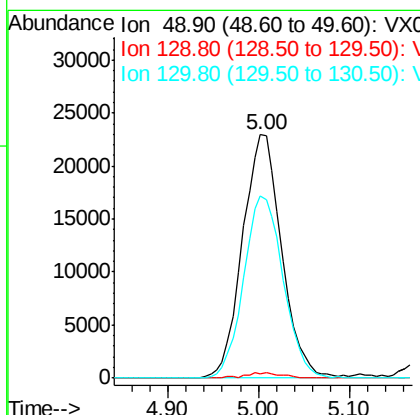
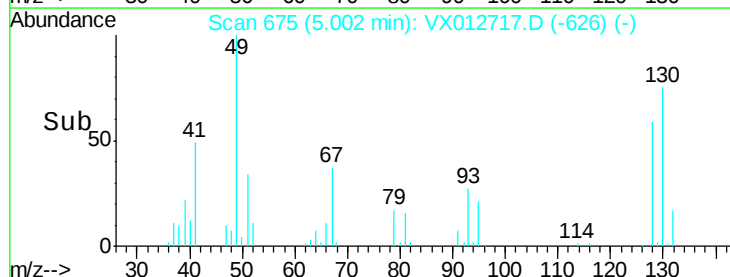
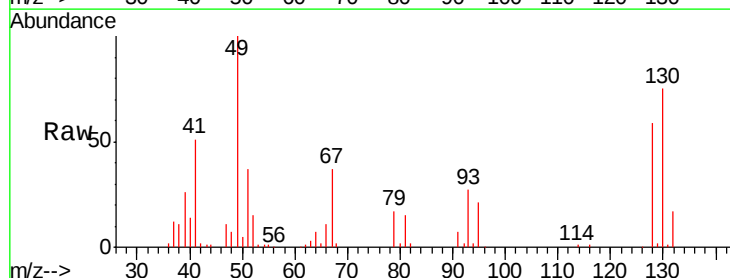
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

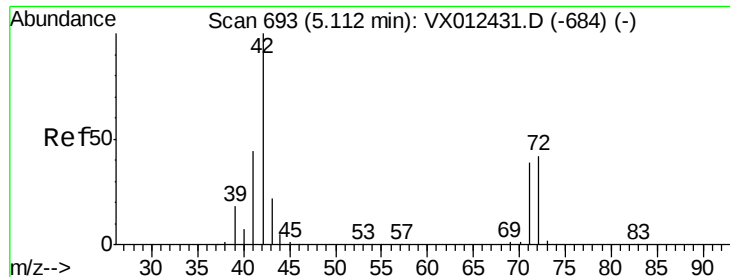
Tgt Ion: 96 Resp: 119282
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 319.4
 98 64.8 0.0 130.6



#28
 Bromochloromethane
 Concen: 48.319 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 49 Resp: 68492
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 75.7 58.2 87.4





#29

Tetrahydrofuran

Concen: 253.455 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

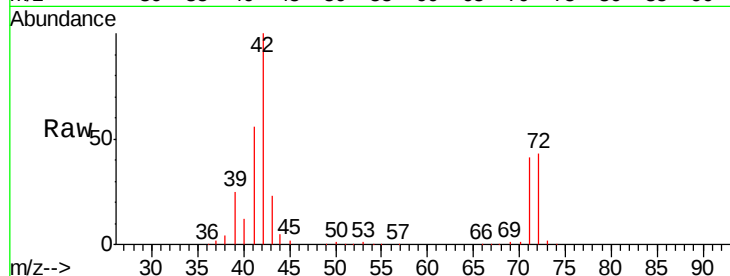
Tgt Ion: 42 Resp: 297691

Ion Ratio Lower Upper

42 100

72 43.6 34.0 51.0

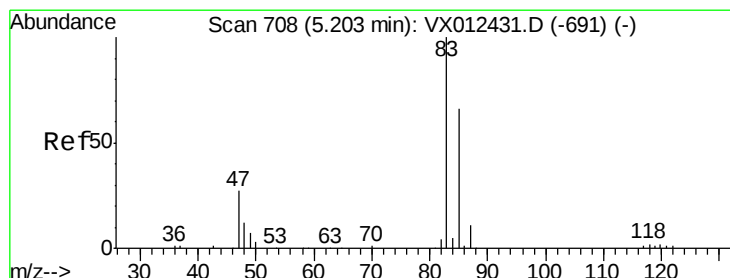
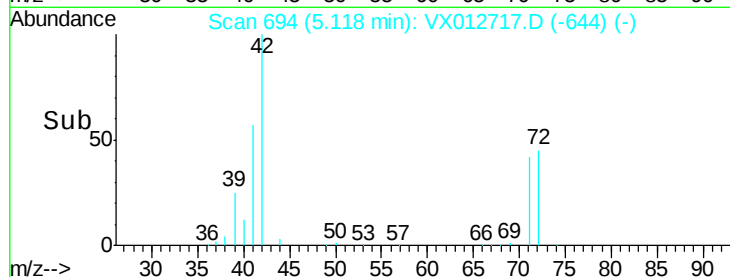
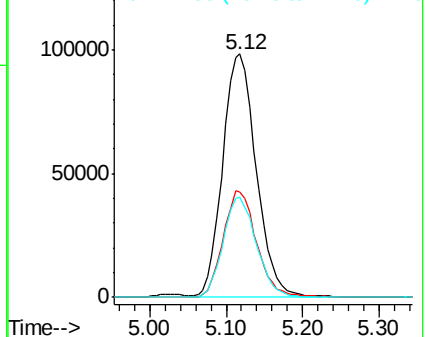
71 41.1 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.488 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012717.D

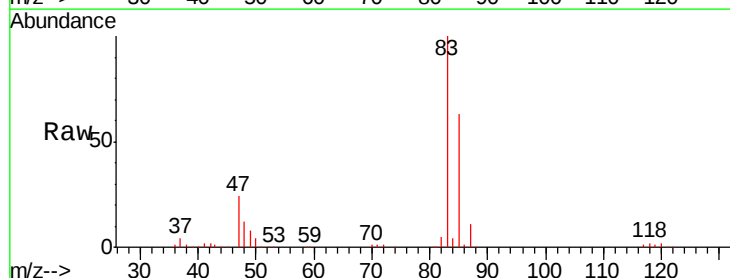
Acq: 30 Sep 2019 19:49

Tgt Ion: 83 Resp: 193662

Ion Ratio Lower Upper

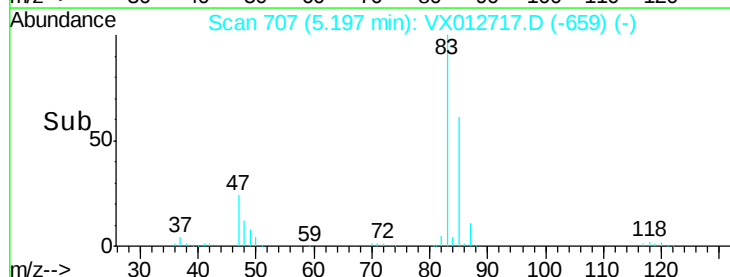
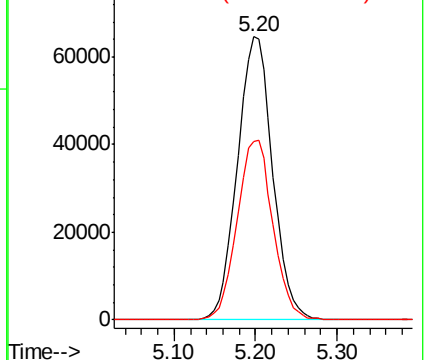
83 100

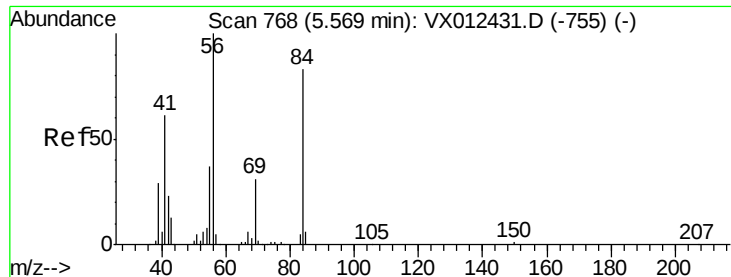
85 63.1 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

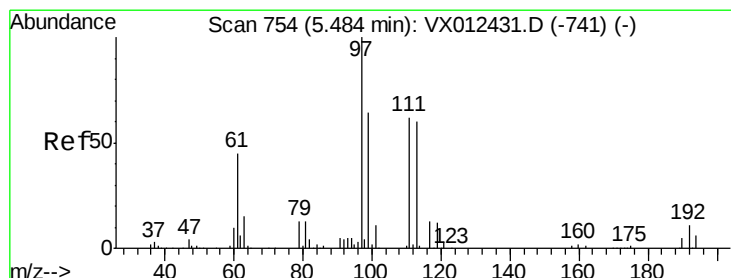
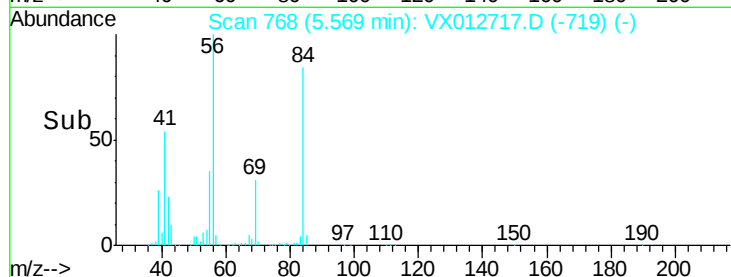
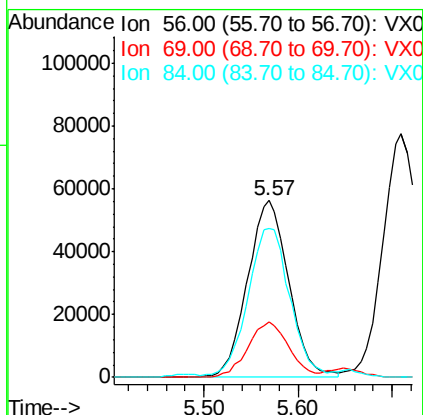
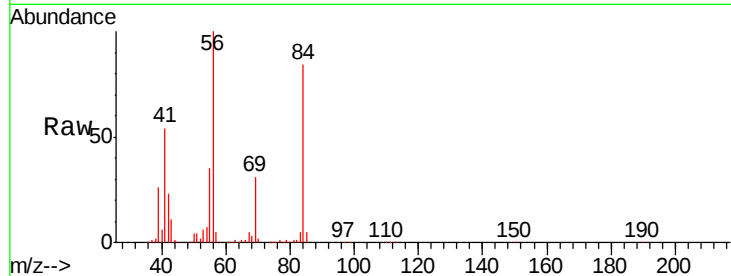




#31
Cyclohexane
Concen: 48.815 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

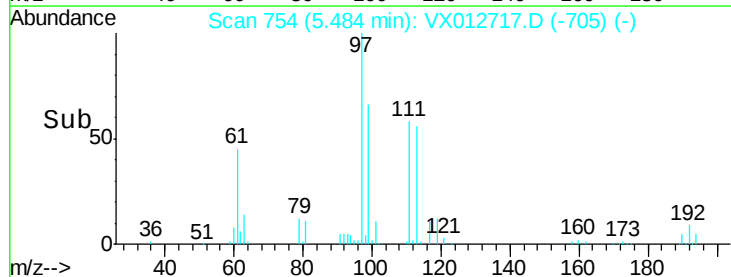
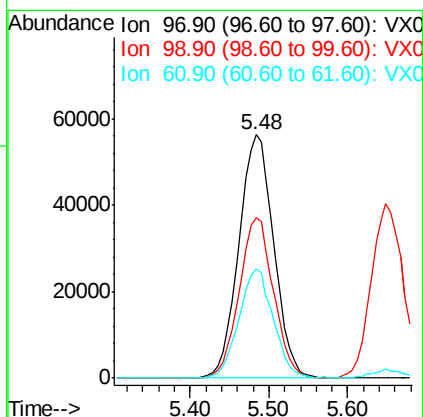
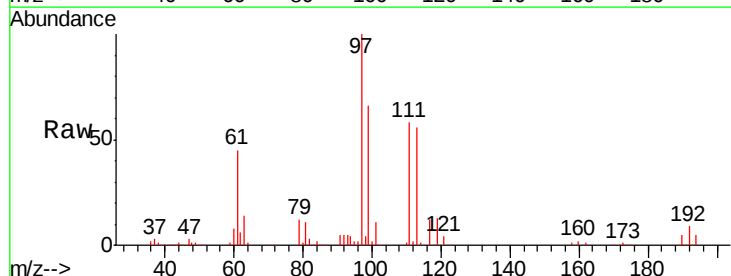
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

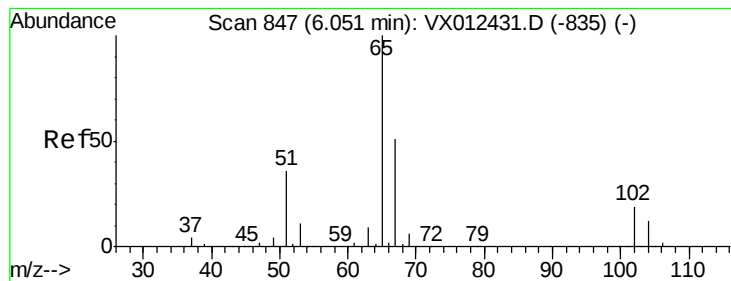
Tgt Ion: 56 Resp: 172403
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 82.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.946 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion: 97 Resp: 173258
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.002 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

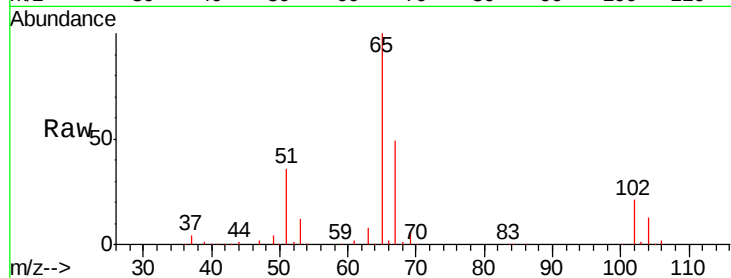
FT-MW10I-20190925MSD

Tgt Ion: 65 Resp: 121796

Ion Ratio Lower Upper

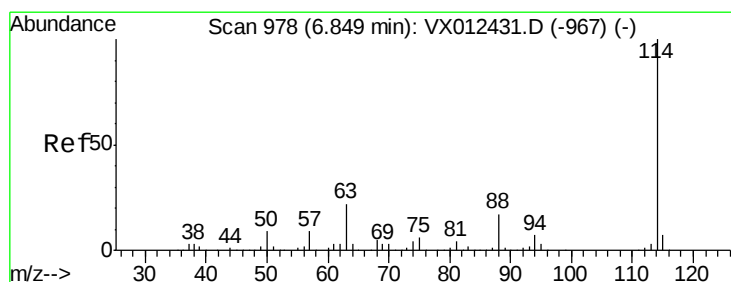
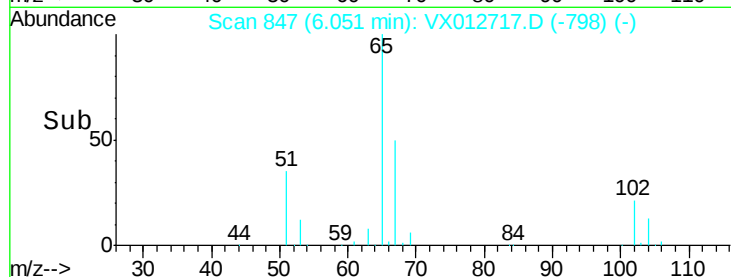
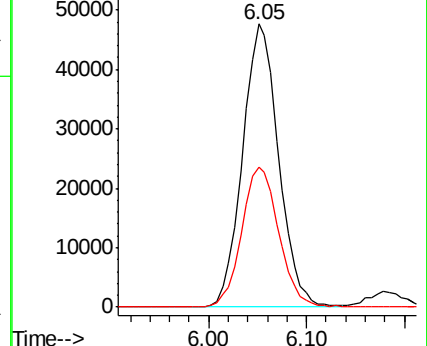
65 100

67 50.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

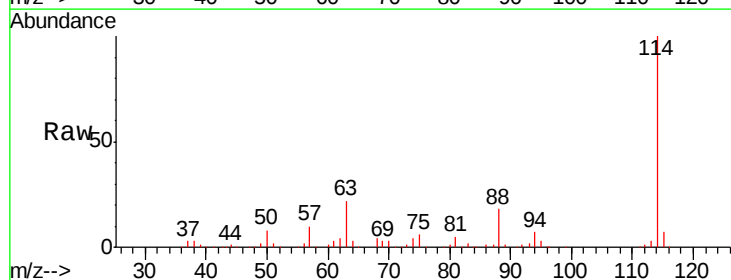
Tgt Ion: 114 Resp: 314093

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

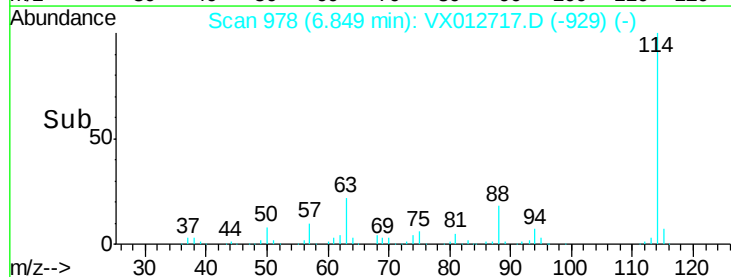
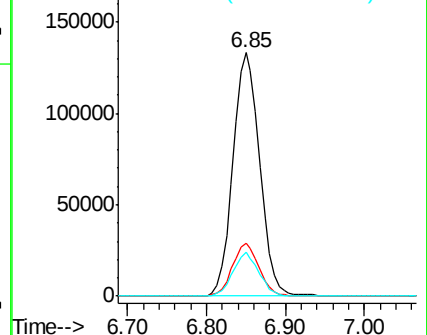
88 18.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.648 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

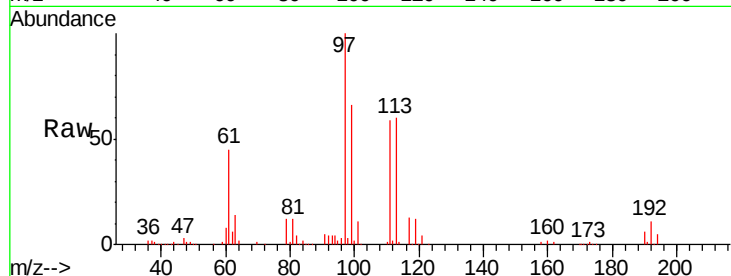
Tgt Ion:113 Resp: 92870

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

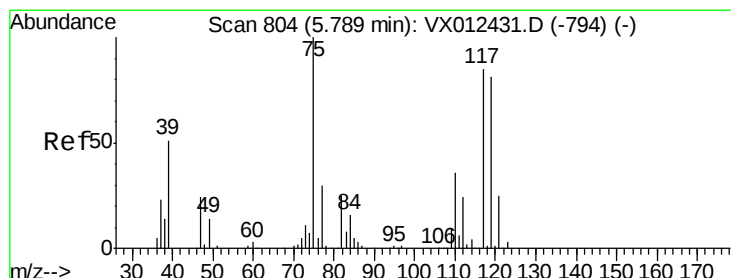
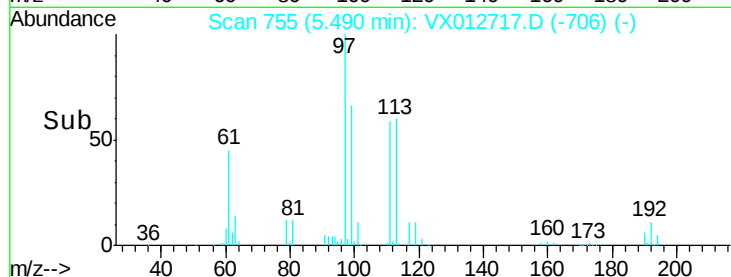
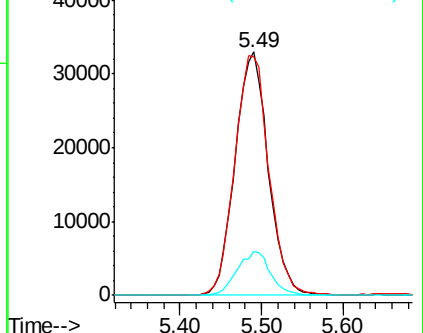
192 18.2 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.991 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

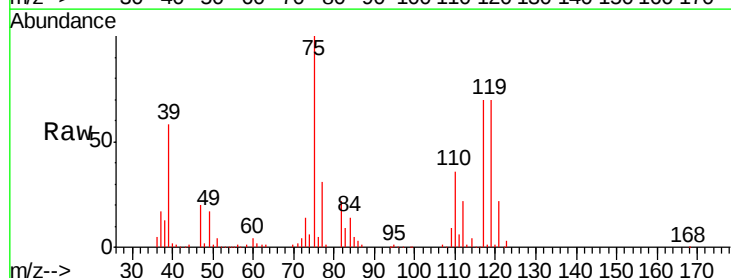
Tgt Ion: 75 Resp: 142267

Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.0

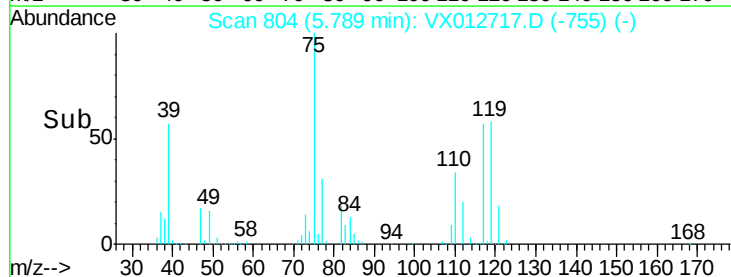
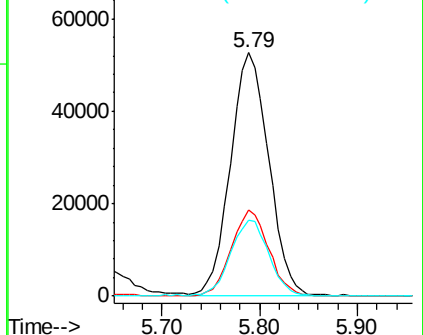
77 31.3 24.2 36.2

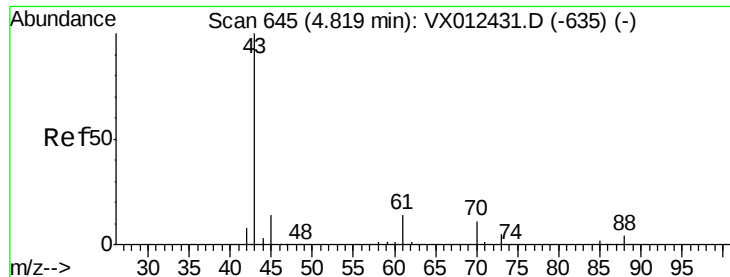


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.183 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

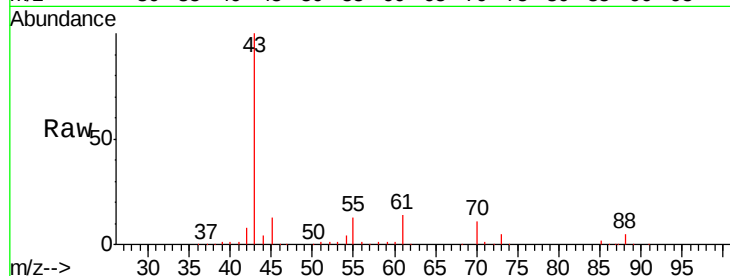
Tgt Ion: 43 Resp: 163465

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

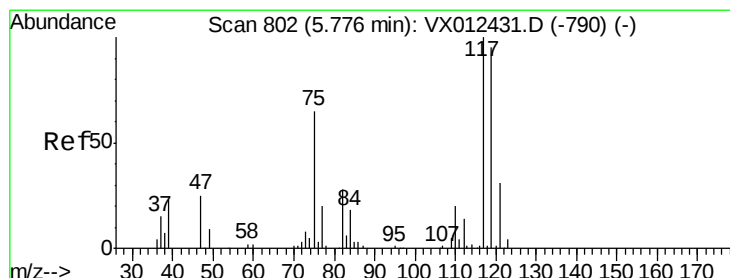
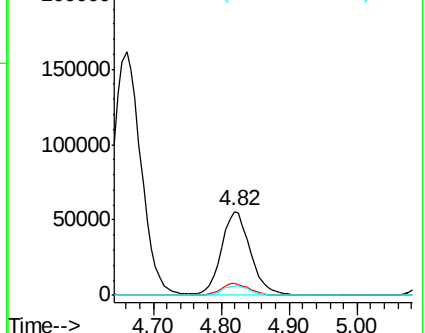
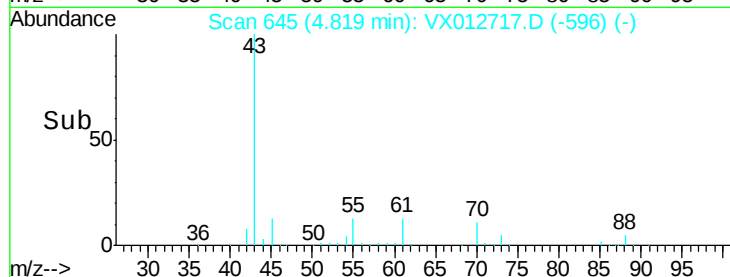
70 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.437 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

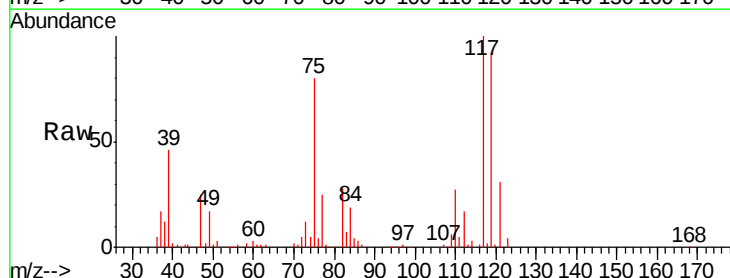
Tgt Ion: 117 Resp: 145890

Ion Ratio Lower Upper

117 100

119 91.6 75.7 113.5

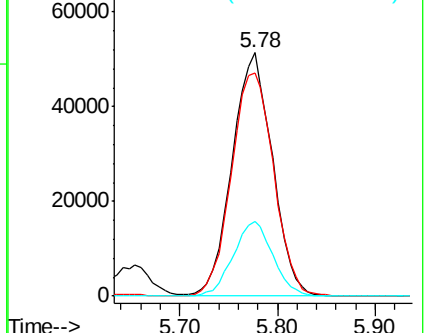
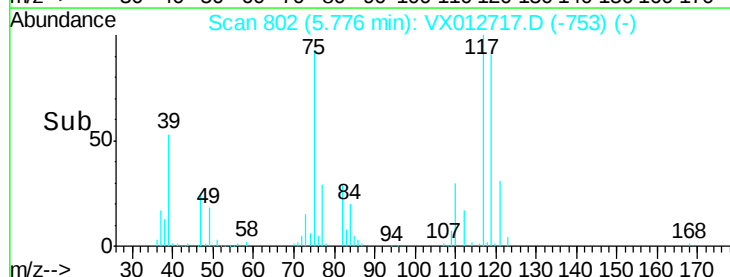
121 30.6 24.2 36.4

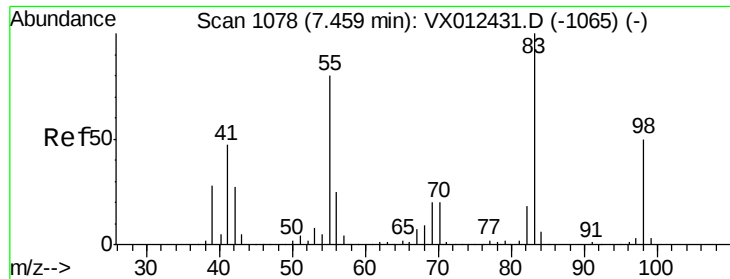


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

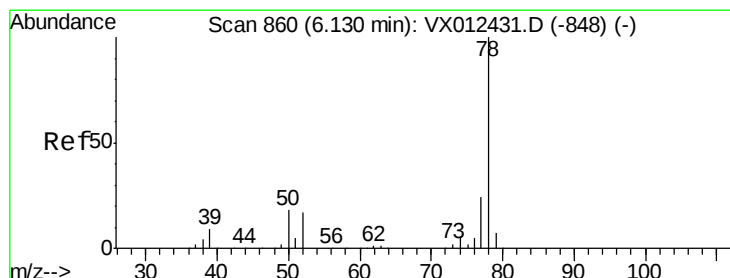
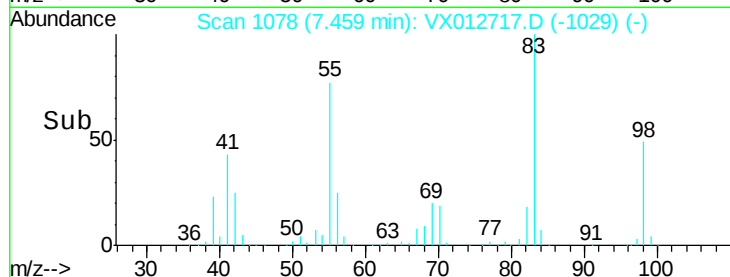
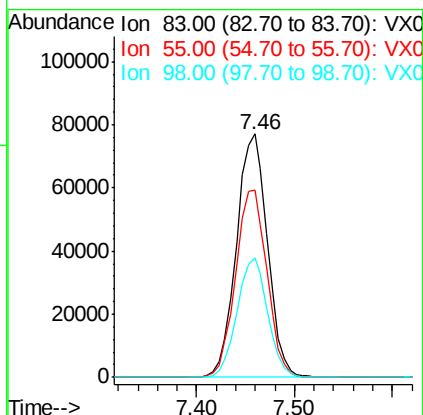
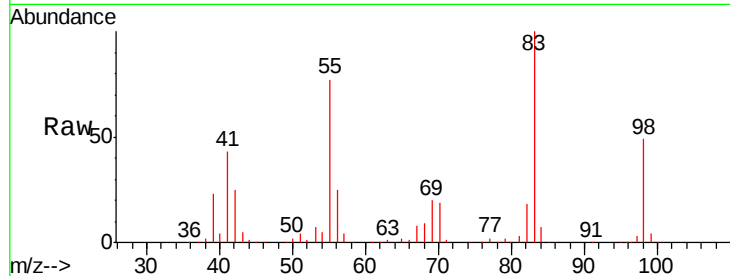




#39
Methylcyclohexane
Concen: 46.436 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

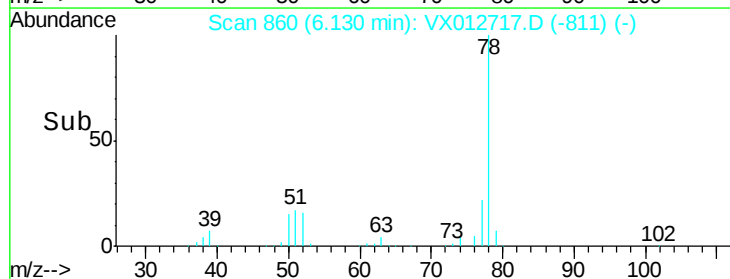
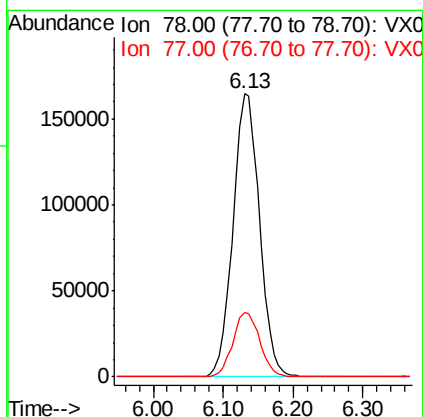
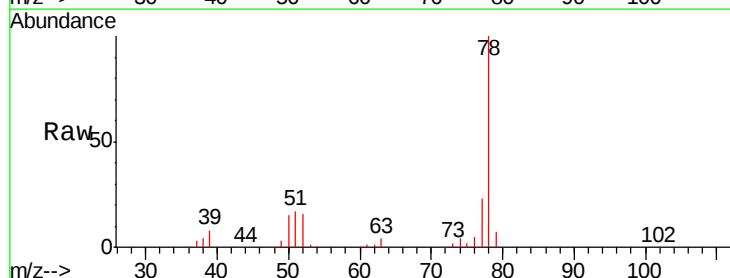
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

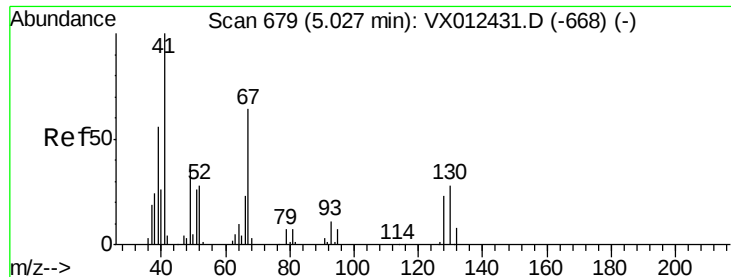
Tgt Ion: 83 Resp: 169247
Ion Ratio Lower Upper
83 100
55 77.1 64.4 96.6
98 49.2 40.1 60.1



#40
Benzene
Concen: 48.660 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion: 78 Resp: 433456
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 48.536 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

Tgt Ion: 41 Resp: 96387

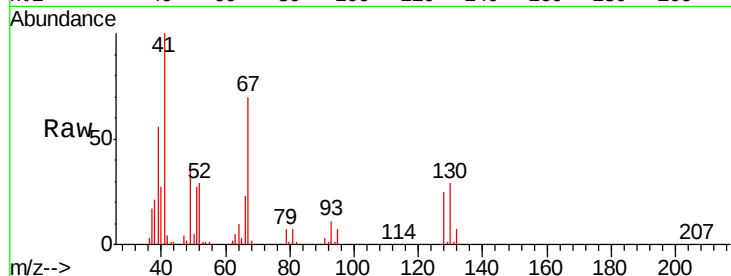
Ion Ratio Lower Upper

41 100

39 55.0 46.0 69.0

67 70.6 52.2 78.2

52 29.1 22.7 34.1

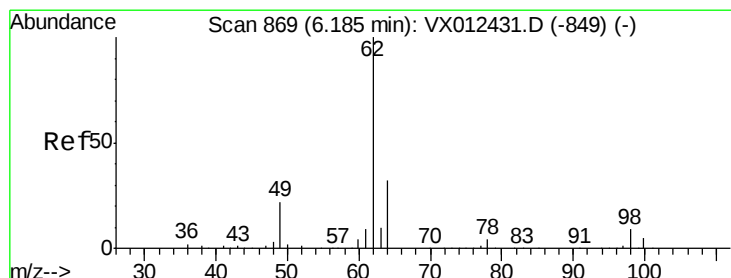
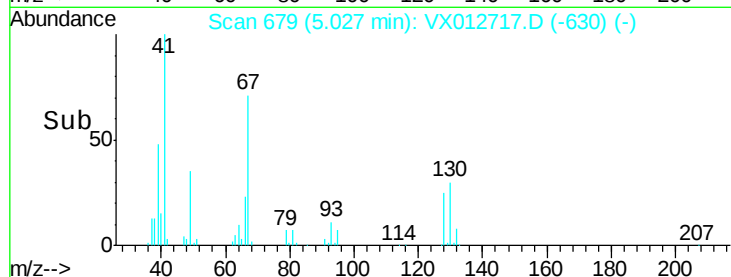
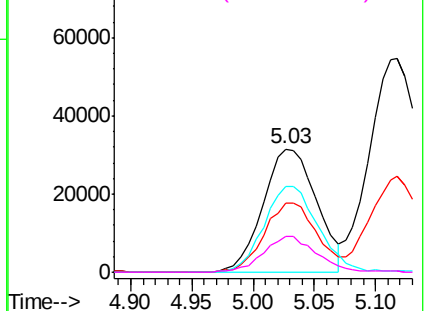


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.327 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012717.D

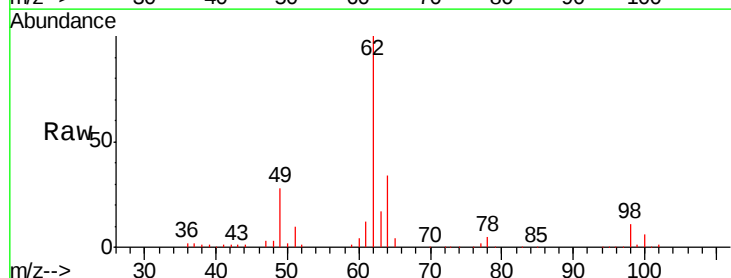
Acq: 30 Sep 2019 19:49

Tgt Ion: 62 Resp: 160090

Ion Ratio Lower Upper

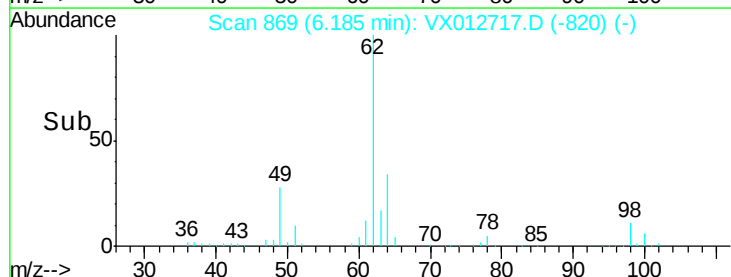
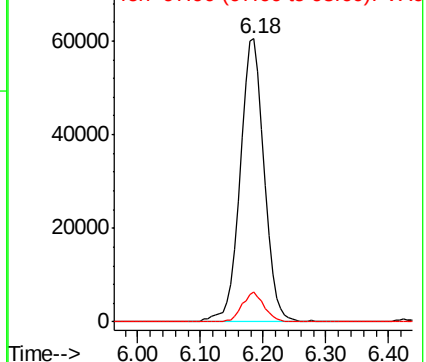
62 100

98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.439 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

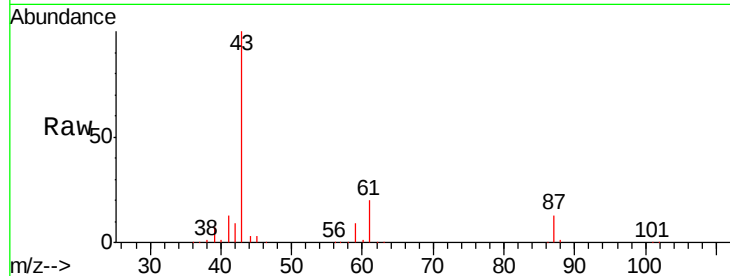
Tgt Ion: 43 Resp: 268960

Ion Ratio Lower Upper

43 100

61 20.3 15.4 23.0

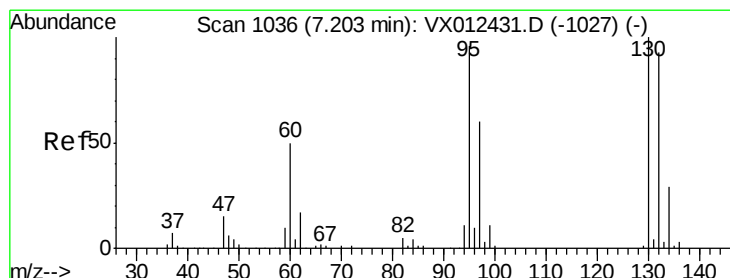
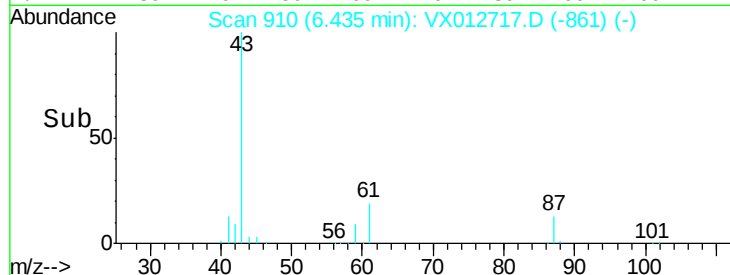
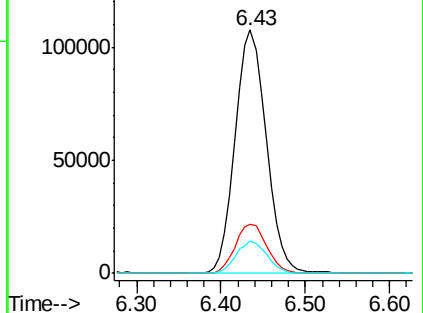
87 13.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.627 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012717.D

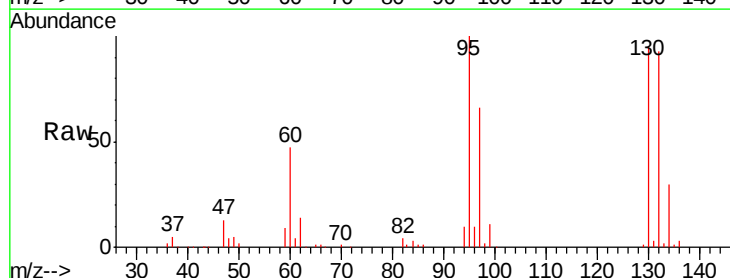
Acq: 30 Sep 2019 19:49

Tgt Ion: 130 Resp: 108459

Ion Ratio Lower Upper

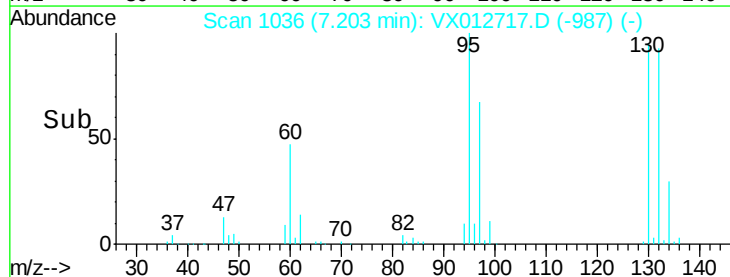
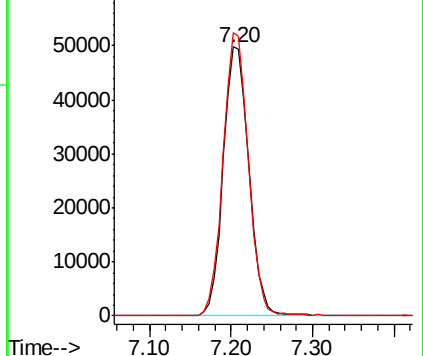
130 100

95 105.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.976 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

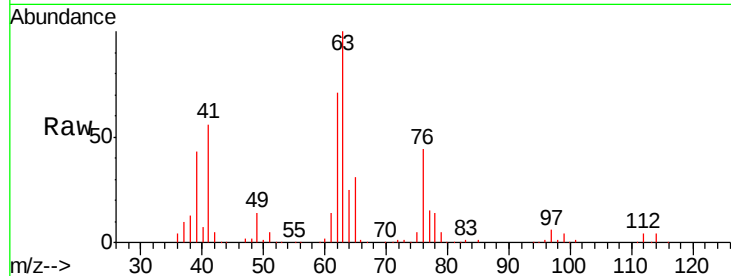
FT-MW10I-20190925MSD

Tgt Ion: 63 Resp: 111696

Ion Ratio Lower Upper

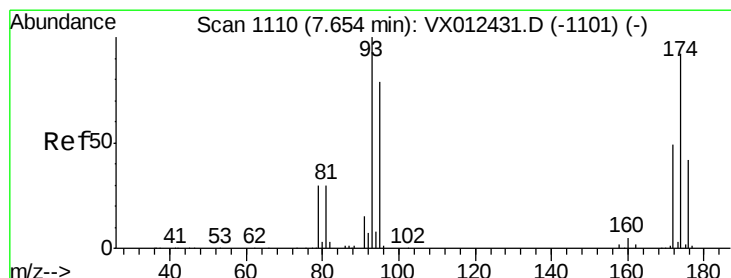
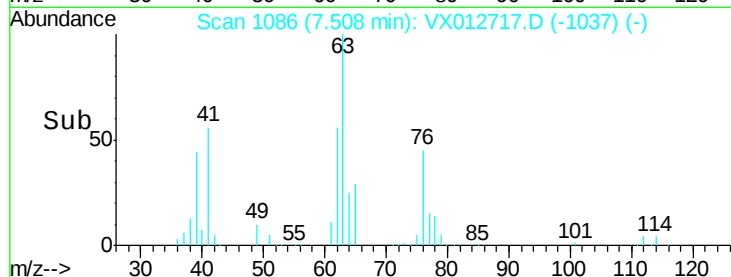
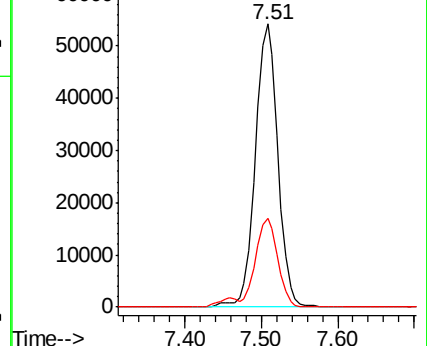
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.872 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

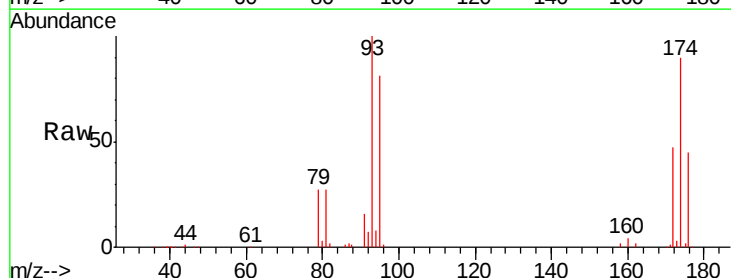
Tgt Ion: 93 Resp: 74334

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

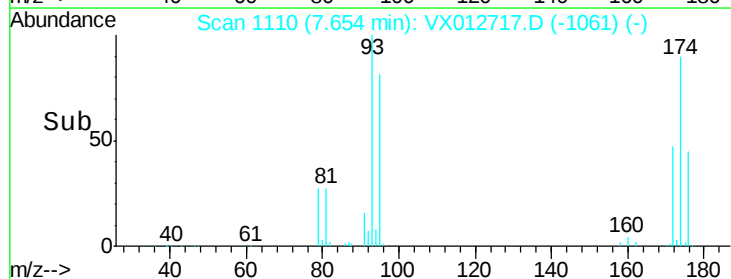
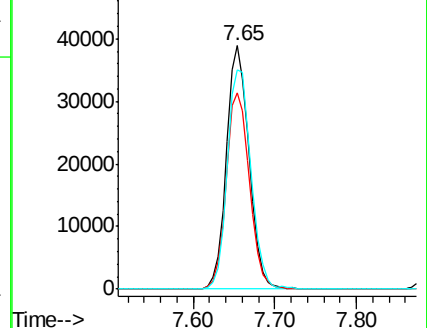
174 94.1 77.4 116.0

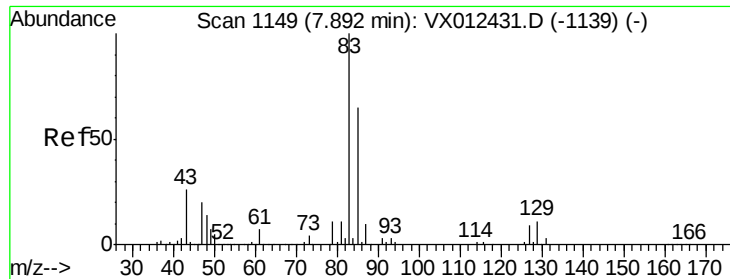


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.669 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

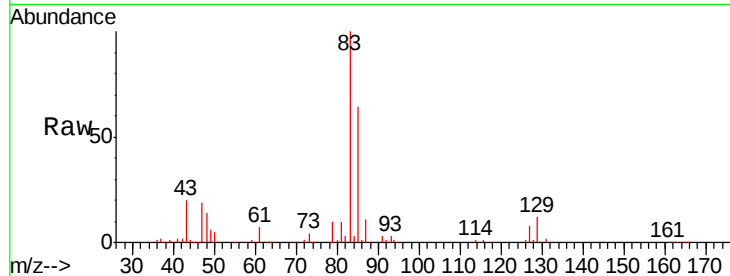
Tgt Ion: 83 Resp: 151038

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

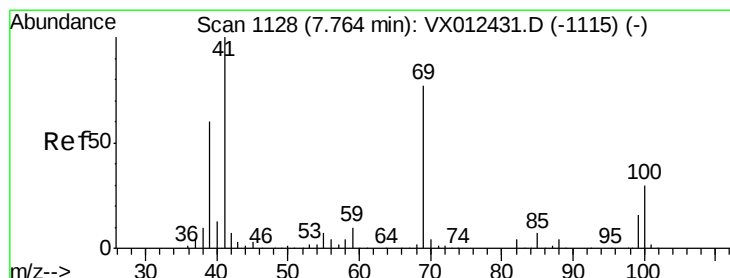
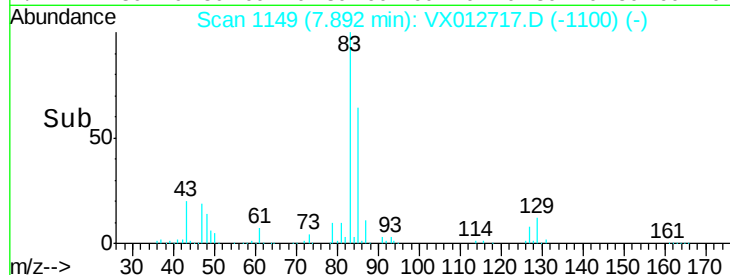
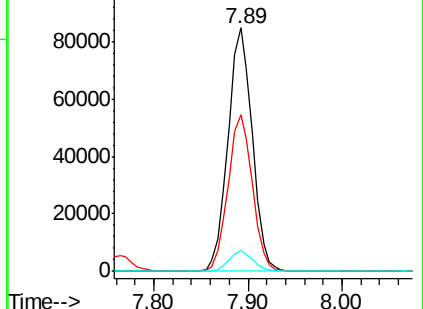
127 8.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.233 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

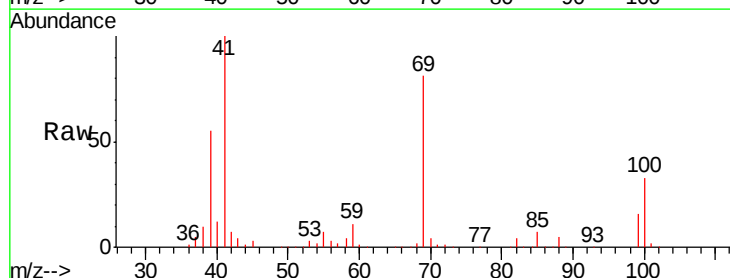
Tgt Ion: 41 Resp: 136894

Ion Ratio Lower Upper

41 100

69 81.8 59.9 89.9

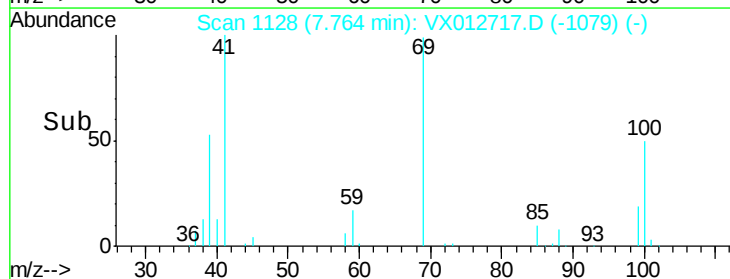
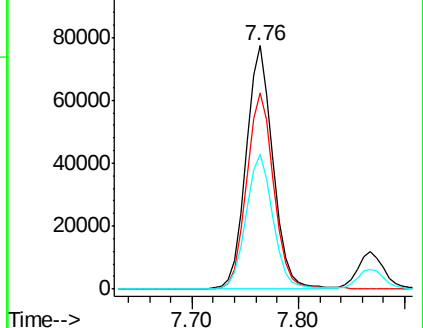
39 55.5 47.8 71.6

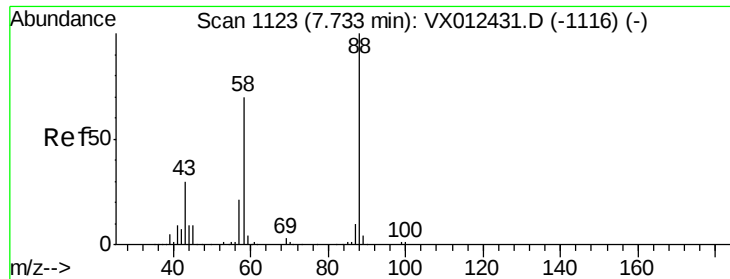


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

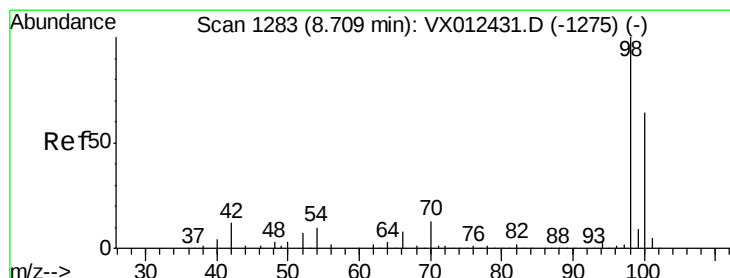
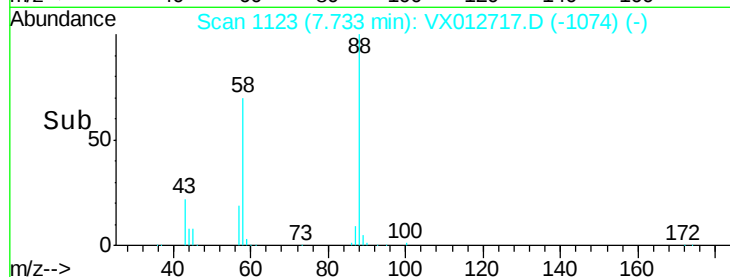
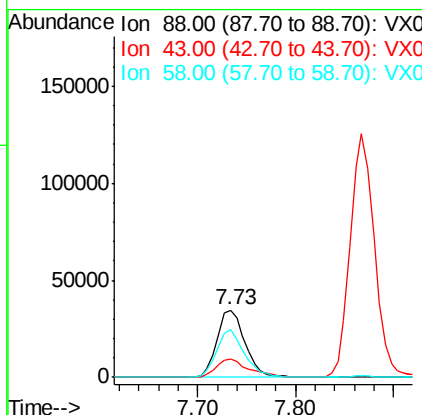
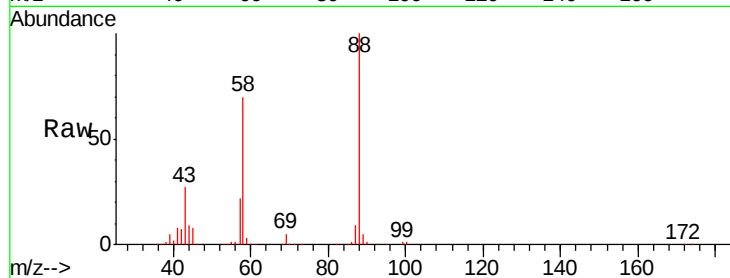




#49
 1,4-Dioxane
 Concen: 1077.232 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

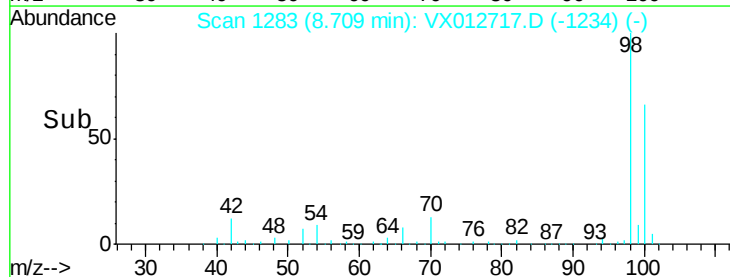
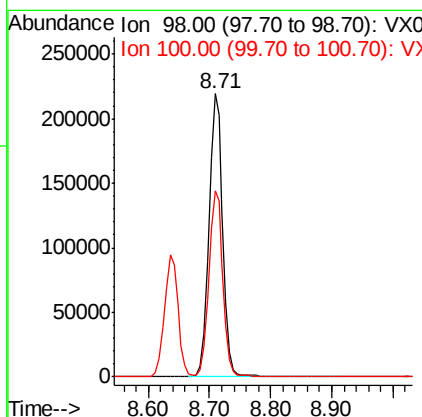
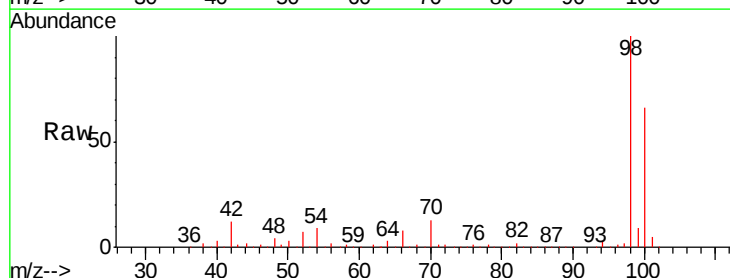
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

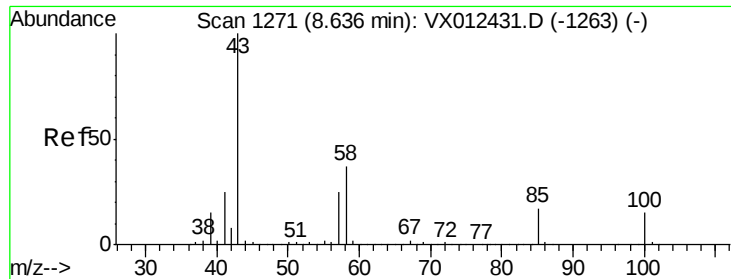
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.6	29.4	44.0
58	69.9	57.5	86.3



#50
 Toluene-d8
 Concen: 48.361 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 245.459 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

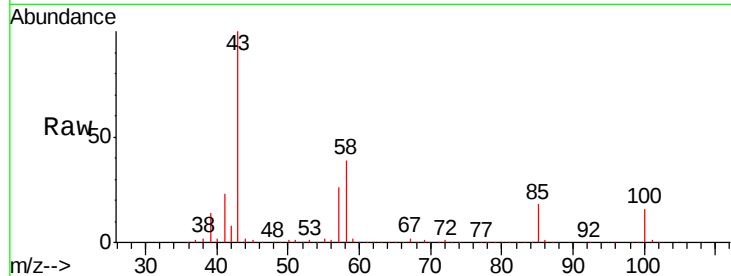
FT-MW10I-20190925MSD

Tgt Ion: 43 Resp: 896852

Ion Ratio Lower Upper

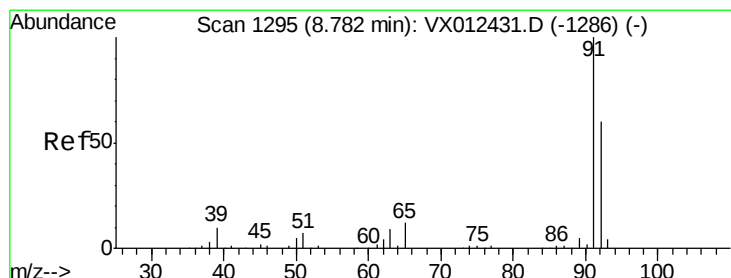
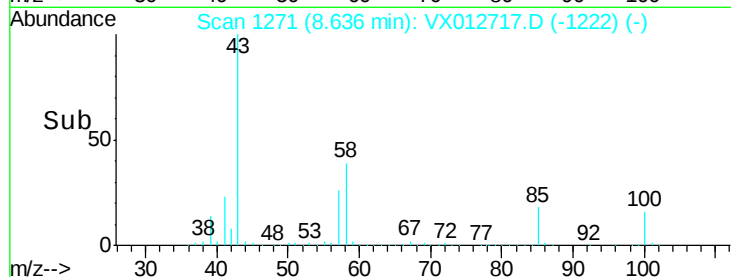
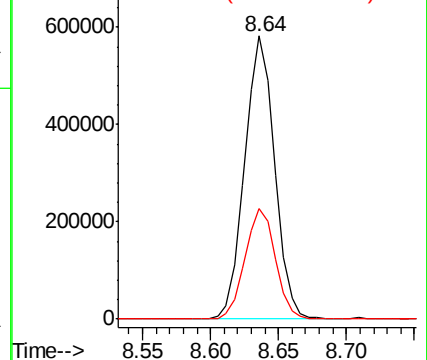
43 100

58 39.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.661 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012717.D

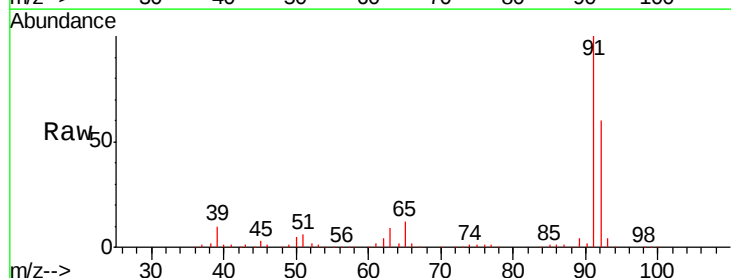
Acq: 30 Sep 2019 19:49

Tgt Ion: 92 Resp: 272433

Ion Ratio Lower Upper

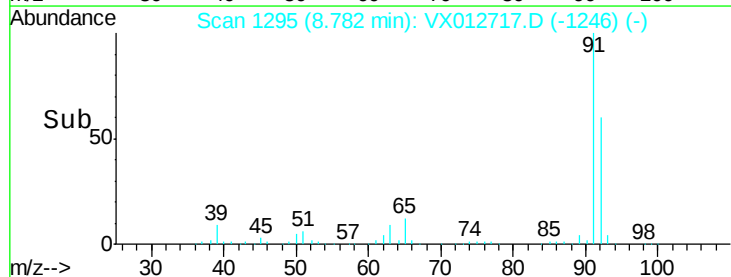
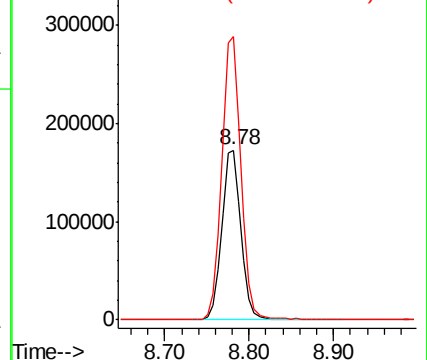
92 100

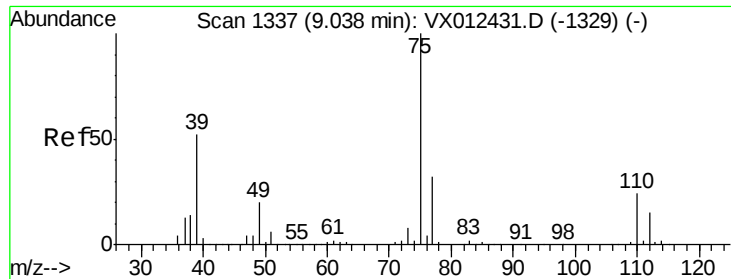
91 168.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

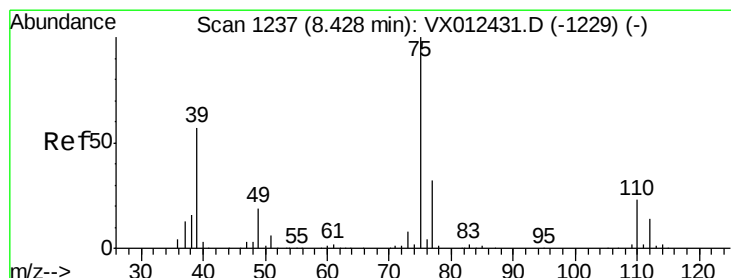
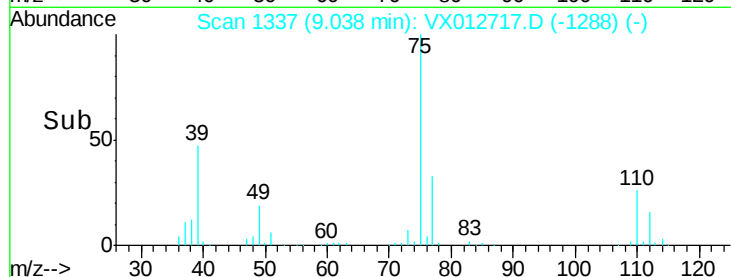
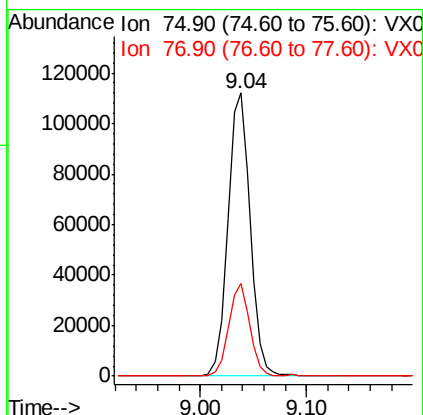
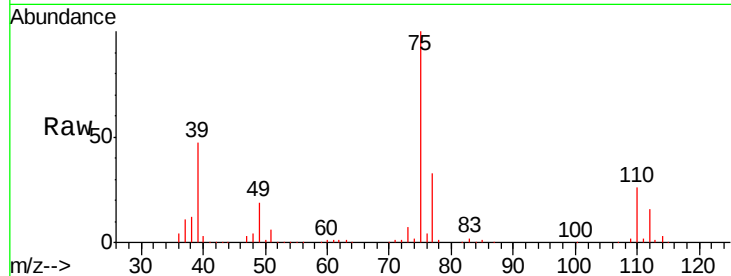




#53
 t-1,3-Dichloropropene
 Concen: 47.803 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

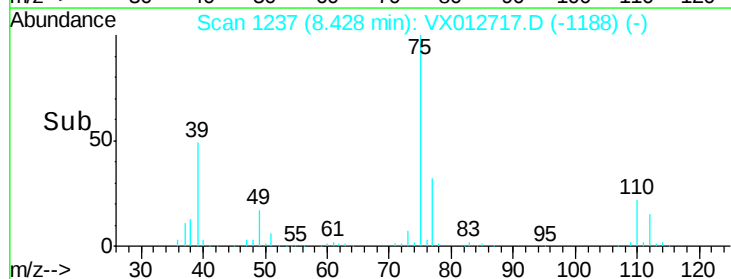
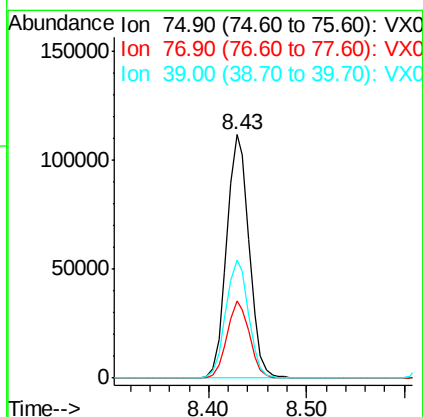
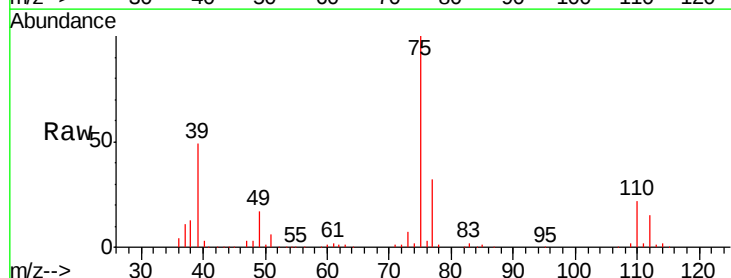
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

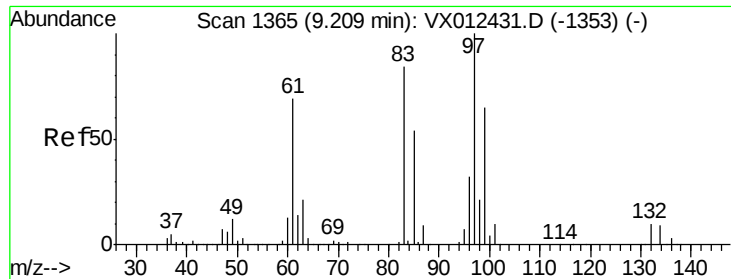
Tgt Ion: 75 Resp: 164137
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.475 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 75 Resp: 177981
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 48.5 45.5 68.3

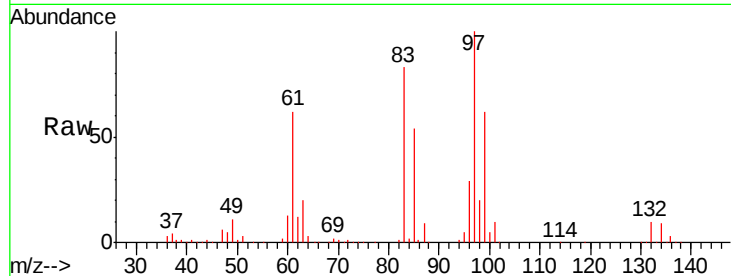




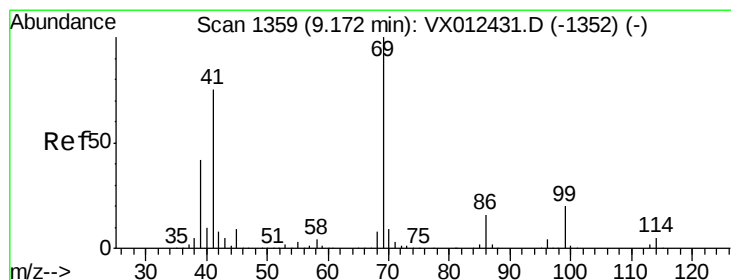
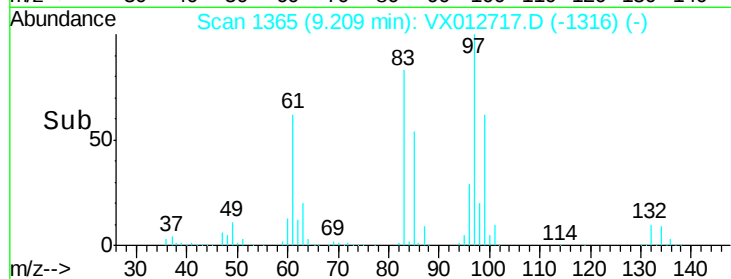
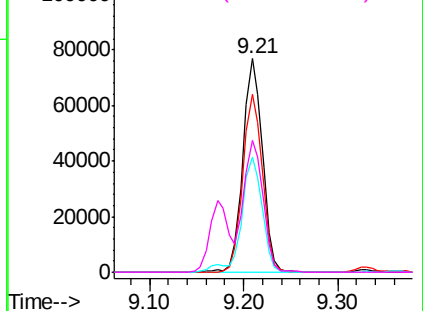
#55
 1,1,2-Trichloroethane
 Concen: 50.074 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

Tgt Ion: 97 Resp: 111457
 Ion Ratio Lower Upper
 97 100
 83 83.2 67.4 101.2
 85 54.0 43.5 65.3
 99 61.7 51.8 77.8

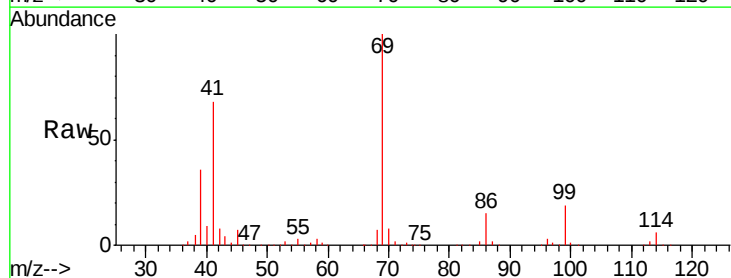


Abundance Ion 96.90 (96.60 to 97.60): VX0
 120000
 Ion 82.90 (82.60 to 83.60): VX0
 100000
 Ion 84.90 (84.60 to 85.60): VX0
 80000
 Ion 98.90 (98.60 to 99.60): VX0
 60000
 40000
 20000
 0

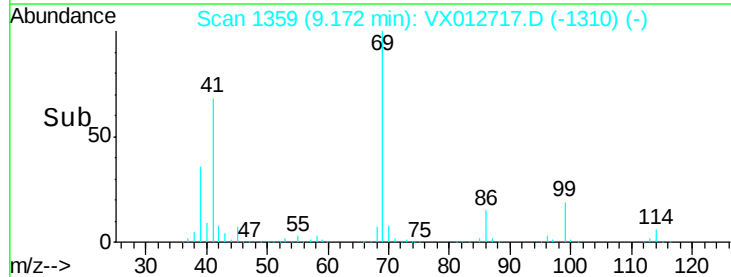
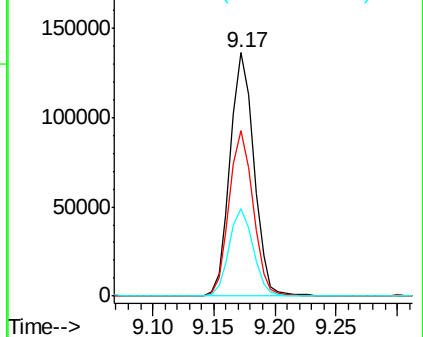


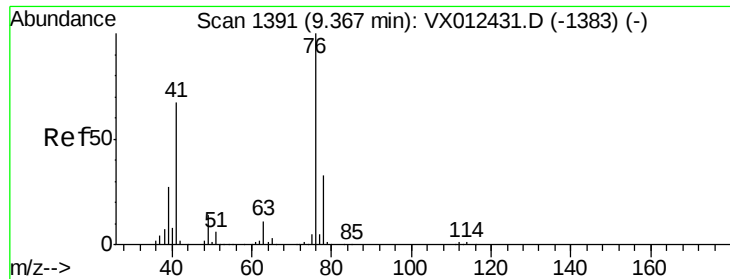
#56
 Ethyl methacrylate
 Concen: 49.370 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 69 Resp: 184616
 Ion Ratio Lower Upper
 69 100
 41 68.0 58.4 87.6
 39 36.3 33.4 50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 150000
 Ion 41.00 (40.70 to 41.70): VX0
 100000
 Ion 39.00 (38.70 to 39.70): VX0
 50000
 0





#57

1,3-Dichloropropane

Concen: 48.515 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

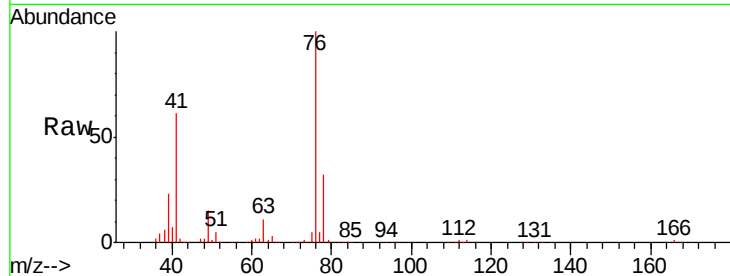
FT-MW10I-20190925MSD

Tgt Ion: 76 Resp: 188996

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

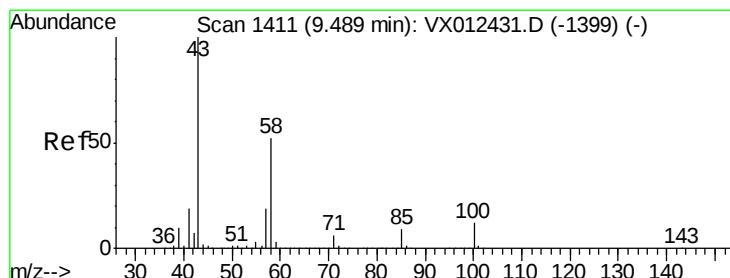
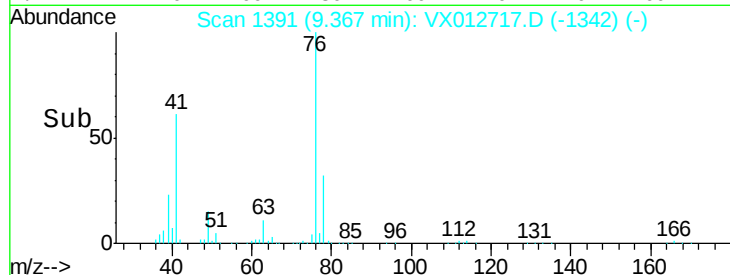
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 250.832 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012717.D

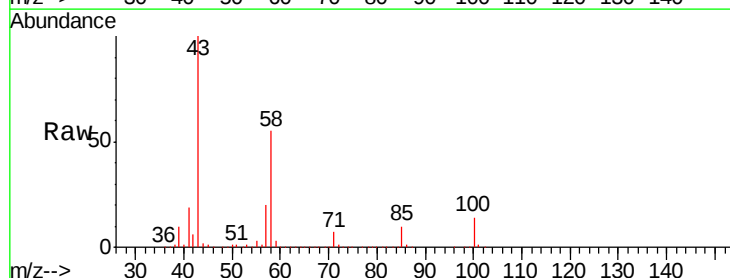
Acq: 30 Sep 2019 19:49

Tgt Ion: 43 Resp: 701514

Ion Ratio Lower Upper

43 100

58 55.0 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

500000

400000

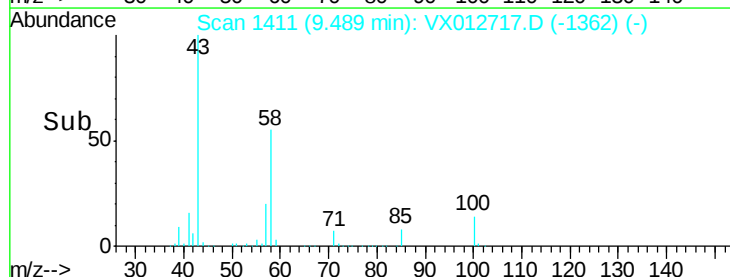
300000

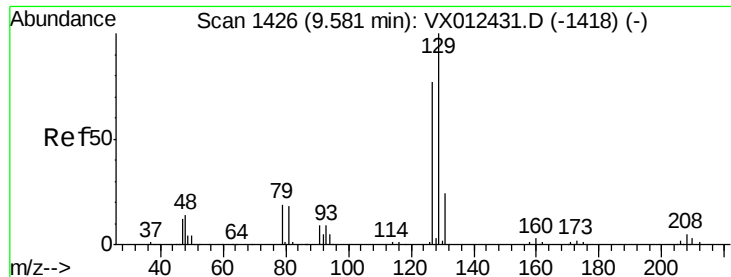
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 50.674 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

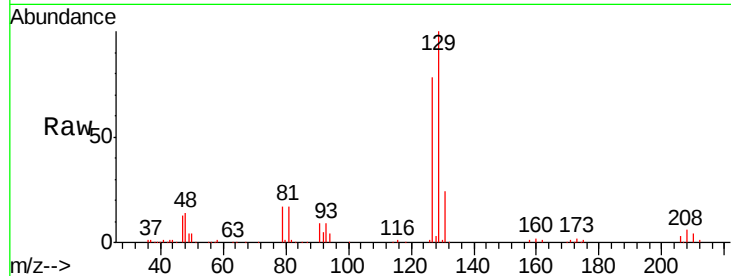
FT-MW10I-20190925MSD

Tgt Ion:129 Resp: 114180

Ion Ratio Lower Upper

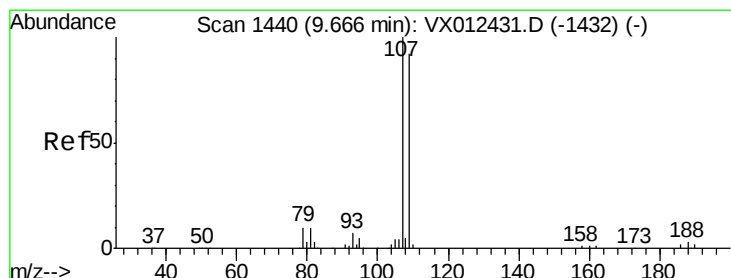
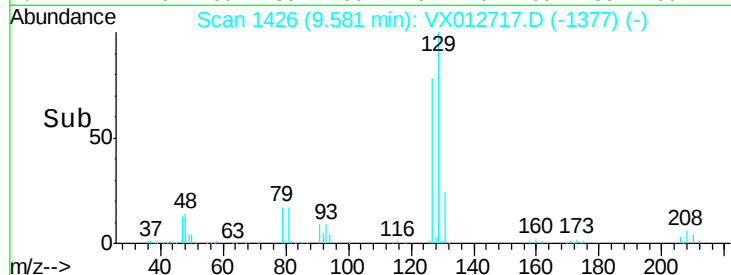
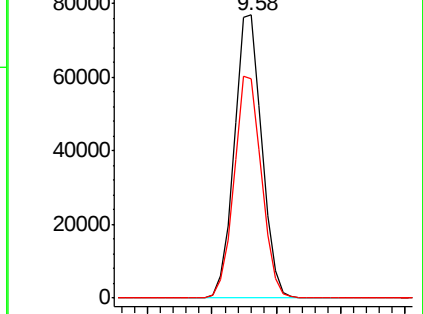
129 100

127 78.2 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.234 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012717.D

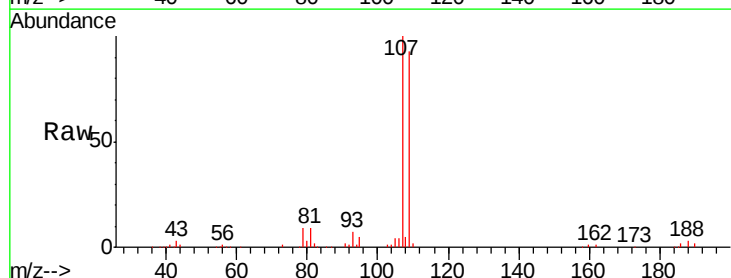
Acq: 30 Sep 2019 19:49

Tgt Ion:107 Resp: 116368

Ion Ratio Lower Upper

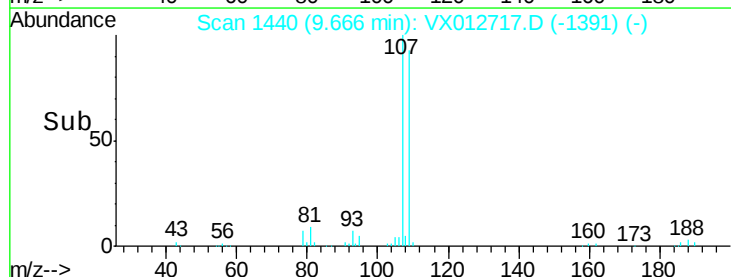
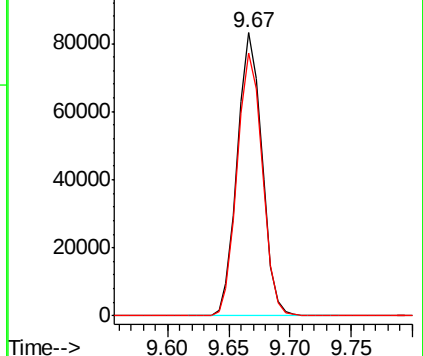
107 100

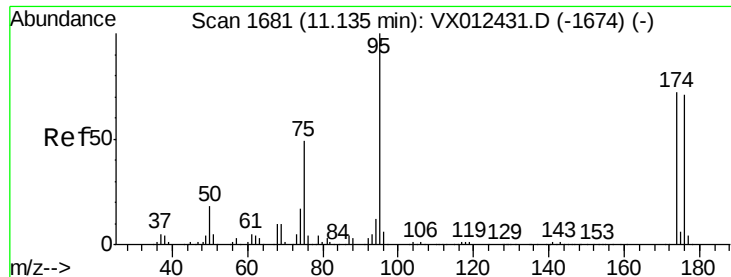
109 94.0 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

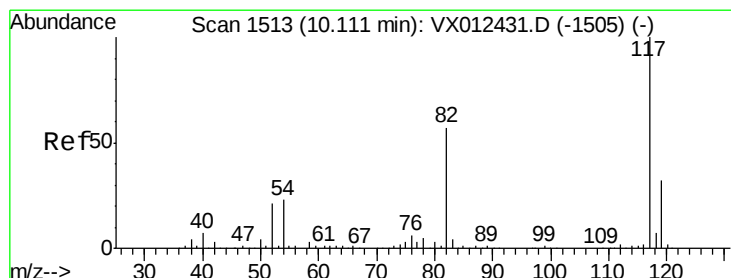
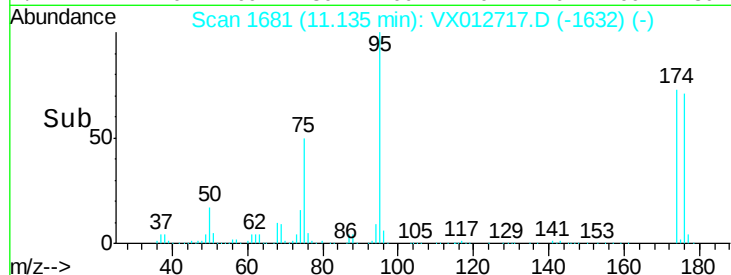
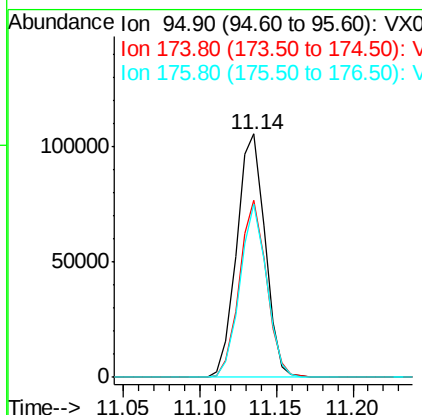
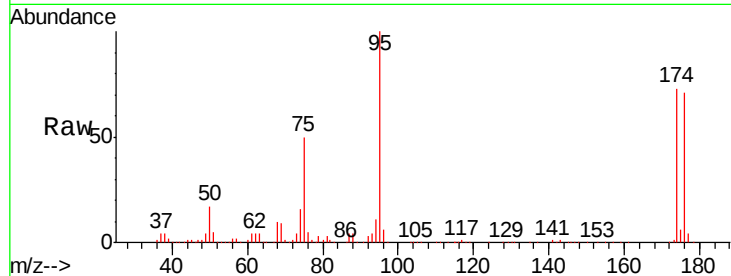




#62
4-Bromofluorobenzene
Concen: 47.726 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

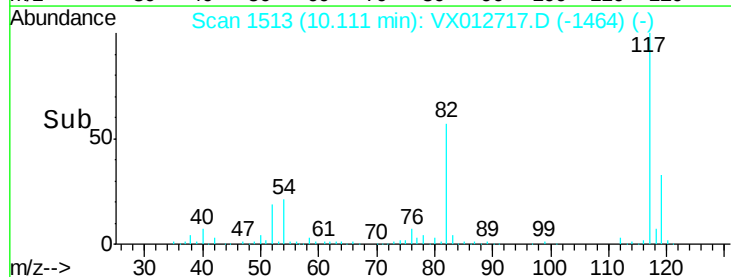
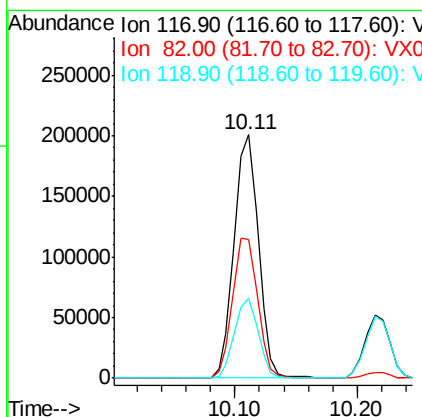
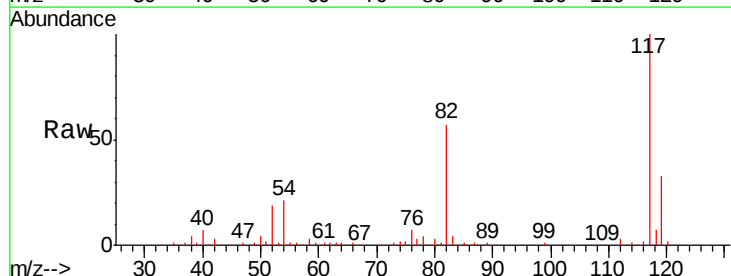
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

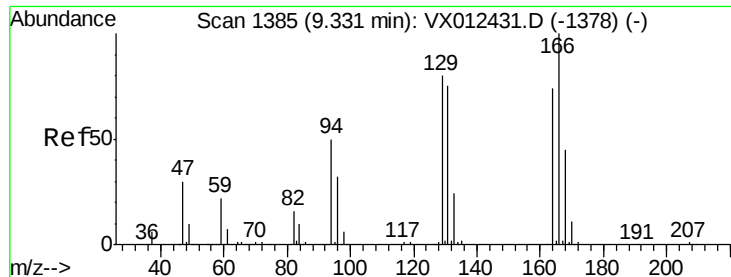
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	135185		
174	69.9	0.0	140.0	
176	67.4	0.0	135.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	276209		
82	56.9	45.9	68.9	
119	32.8	25.3	37.9	

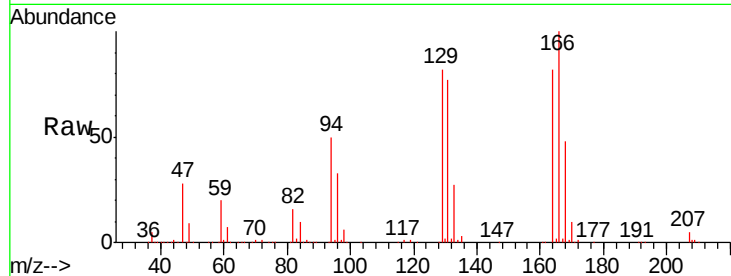




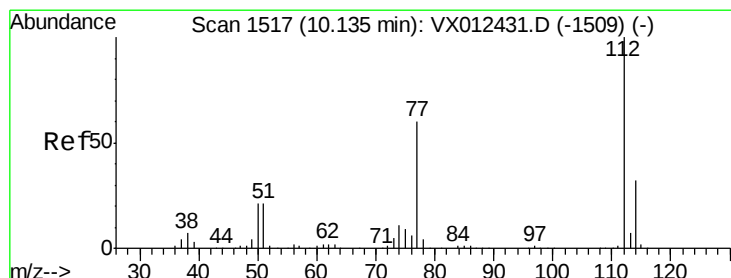
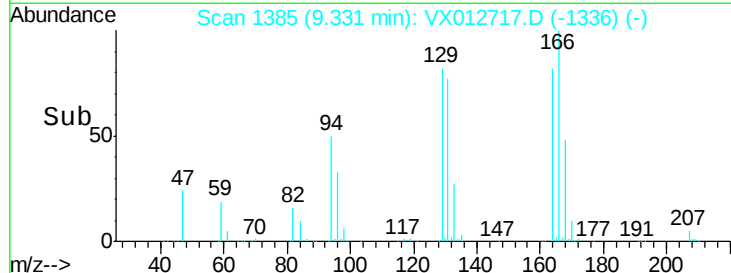
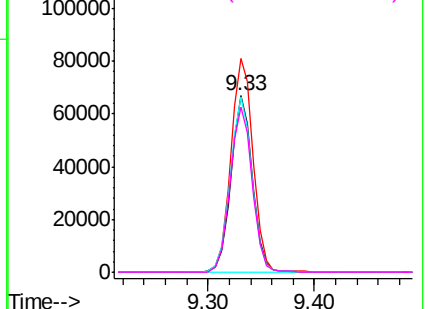
#64
Tetrachloroethene
Concen: 49.047 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

Tgt Ion:164 Resp: 94454
Ion Ratio Lower Upper
164 100
166 121.2 107.8 161.6
129 99.4 86.2 129.2
131 93.8 80.4 120.6

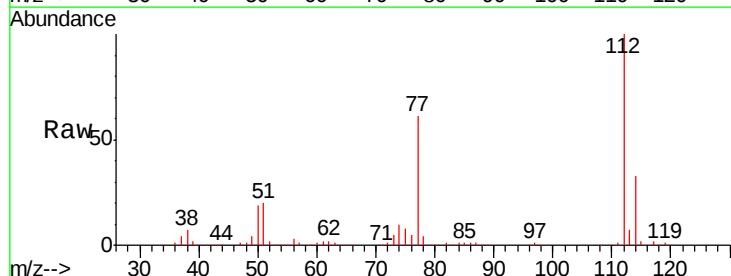


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

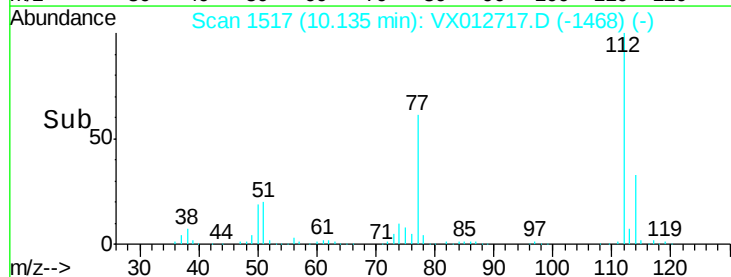
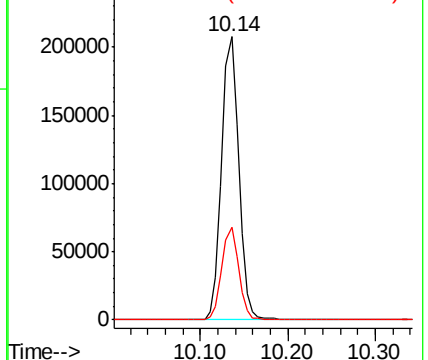


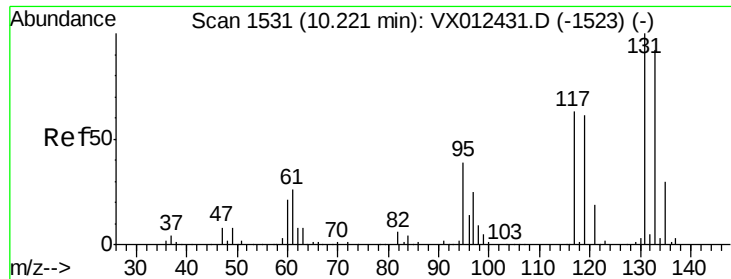
#65
Chlorobenzene
Concen: 48.422 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion:112 Resp: 281641
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



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





#66

1,1,1,2-Tetrachloroethane

Concen: 50.166 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

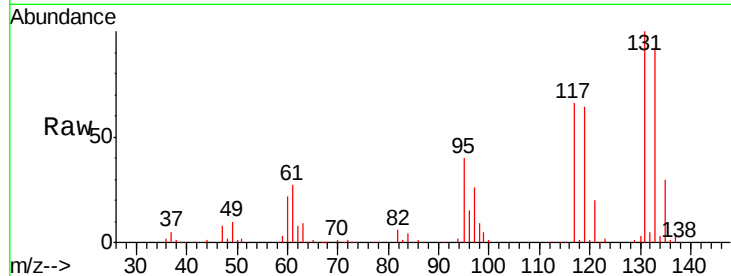
Tgt Ion: 131 Resp: 105721

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

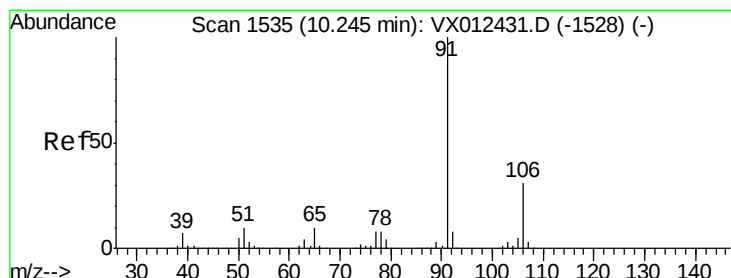
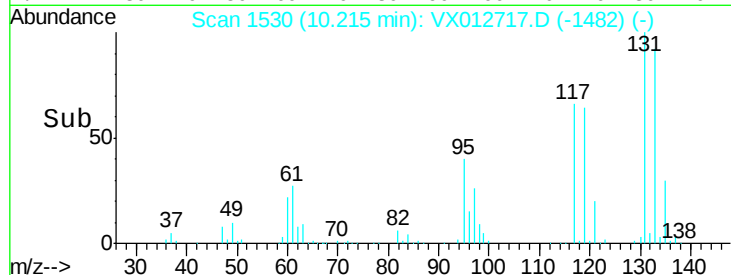
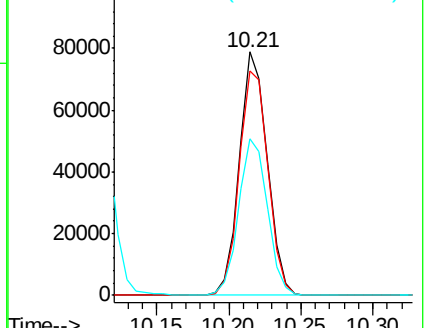
119 66.6 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.150 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012717.D

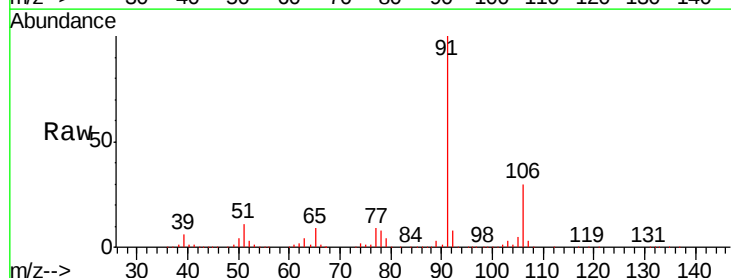
Acq: 30 Sep 2019 19:49

Tgt Ion: 91 Resp: 518501

Ion Ratio Lower Upper

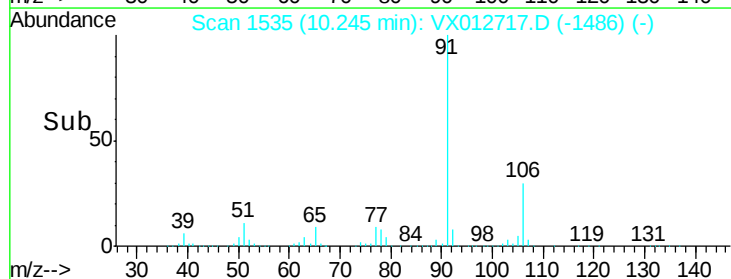
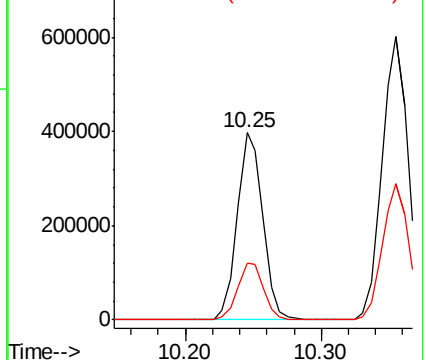
91 100

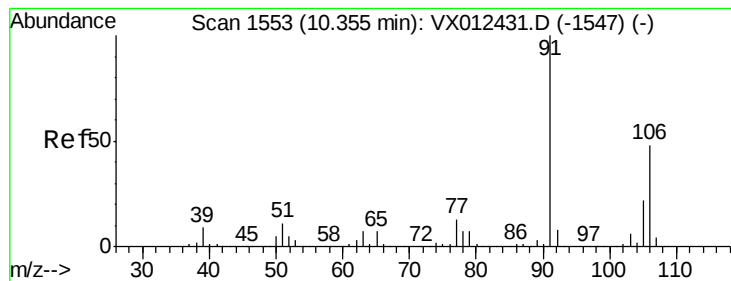
106 30.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 98.332 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

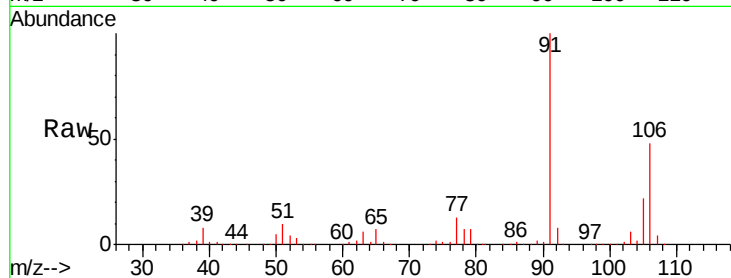
FT-MW10I-20190925MSD

Tgt Ion:106 Resp: 388590

Ion Ratio Lower Upper

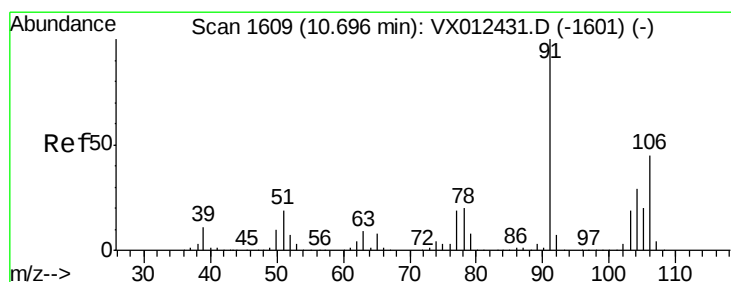
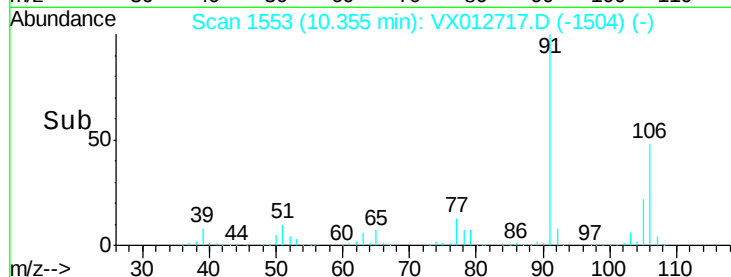
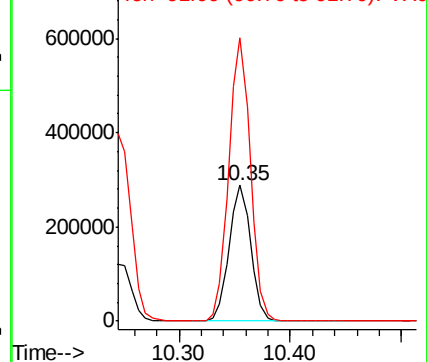
106 100

91 207.6 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 49.337 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012717.D

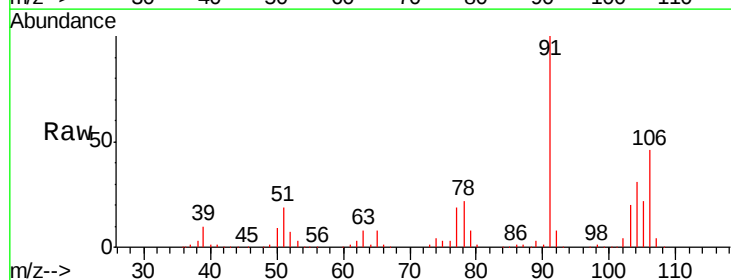
Acq: 30 Sep 2019 19:49

Tgt Ion:106 Resp: 188660

Ion Ratio Lower Upper

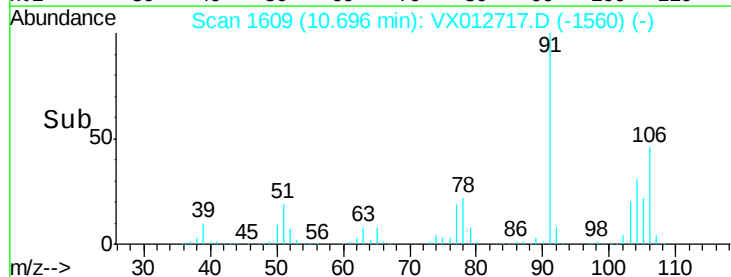
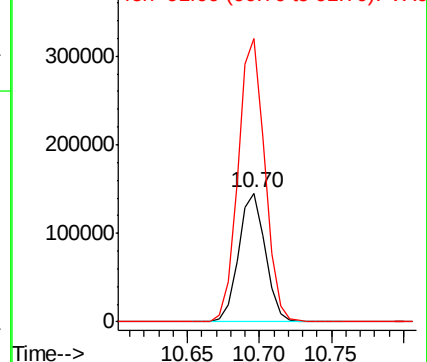
106 100

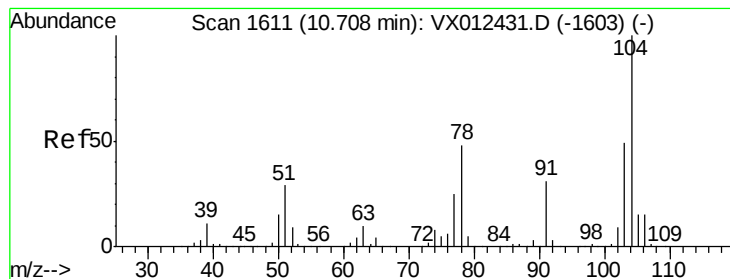
91 220.2 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 51.513 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

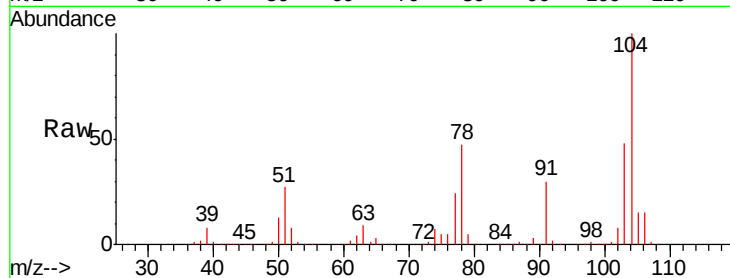
Tgt Ion:104 Resp: 330221

Ion Ratio Lower Upper

104 100

78 52.6 43.4 65.2

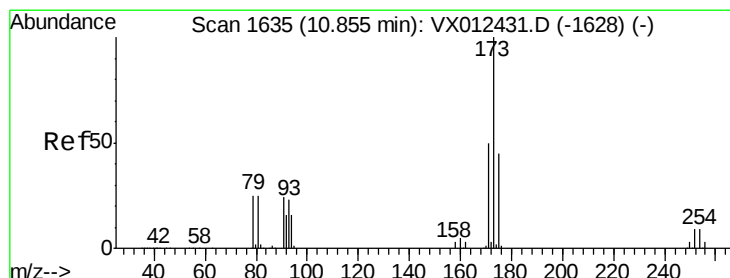
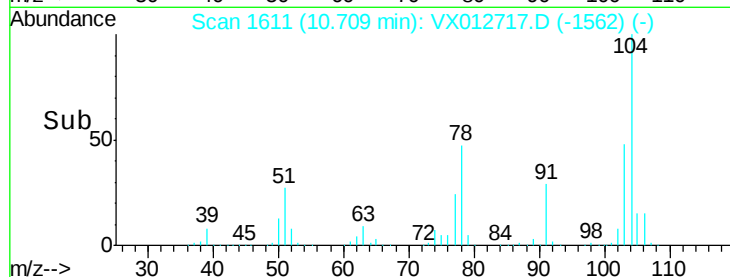
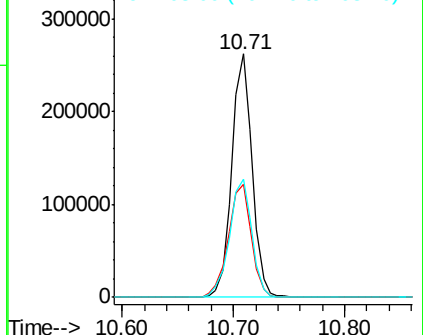
103 53.5 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.722 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

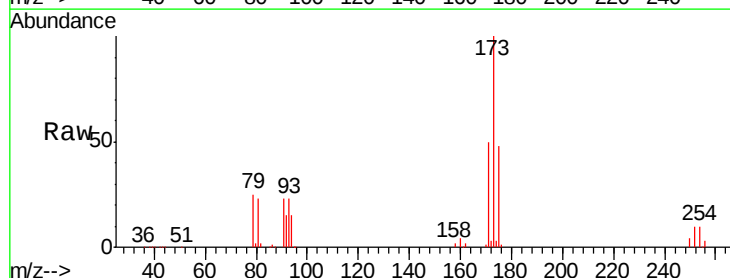
Tgt Ion:173 Resp: 77365

Ion Ratio Lower Upper

173 100

175 48.5 23.7 71.1

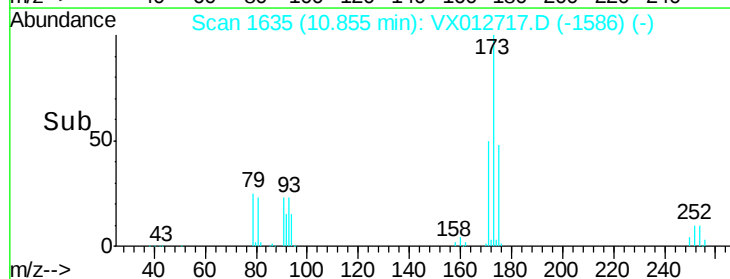
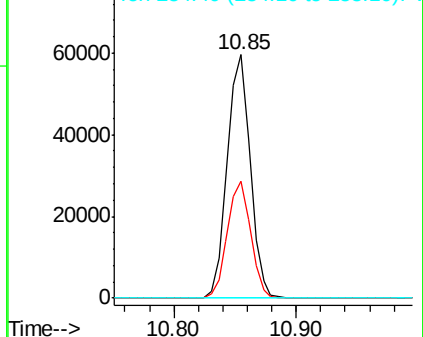
254 0.0 0.1 0.1#

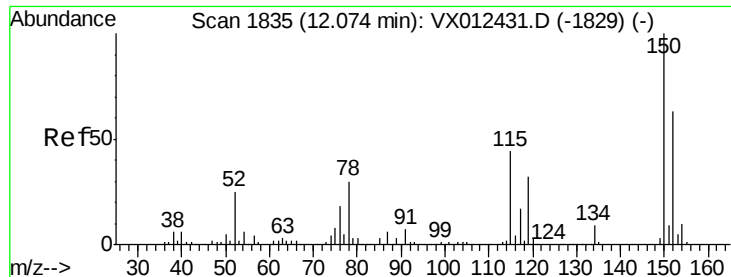


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

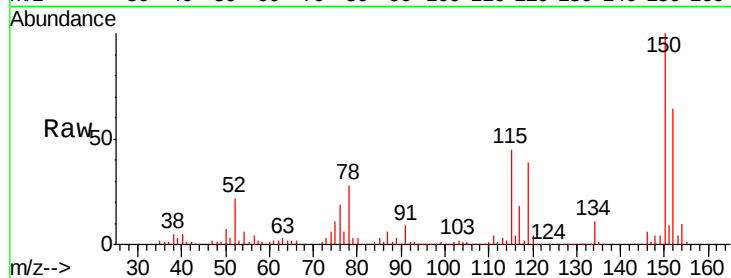
Tgt Ion:152 Resp: 128132

Ion Ratio Lower Upper

152 100

115 90.6 44.1 132.3

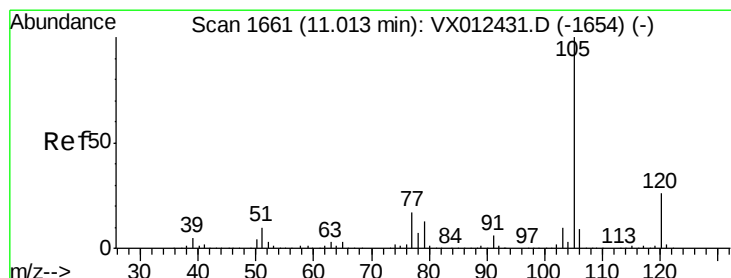
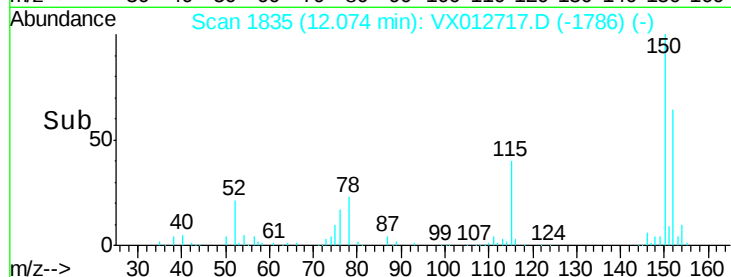
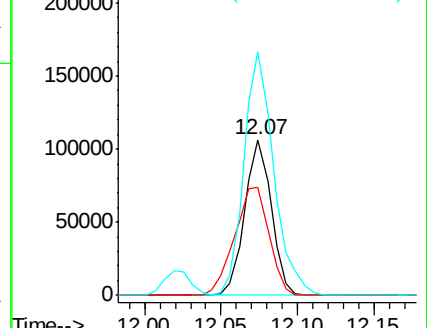
150 175.6 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.511 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012717.D

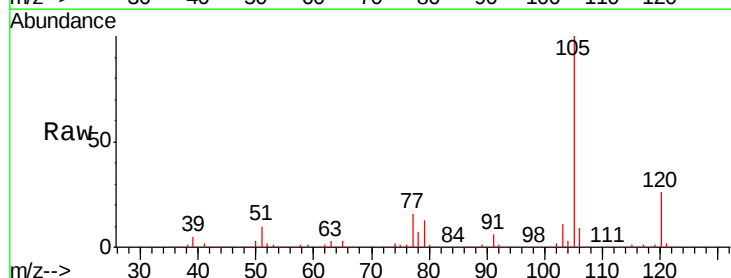
Acq: 30 Sep 2019 19:49

Tgt Ion:105 Resp: 506258

Ion Ratio Lower Upper

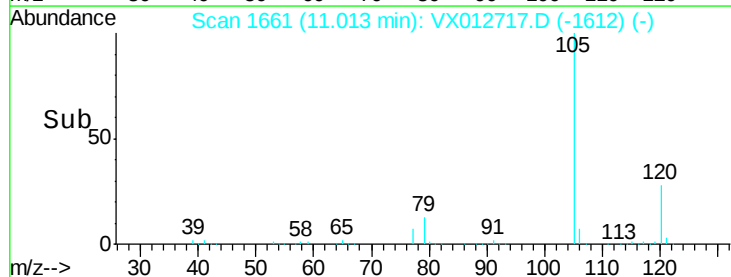
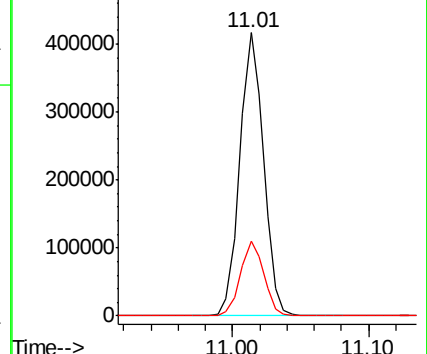
105 100

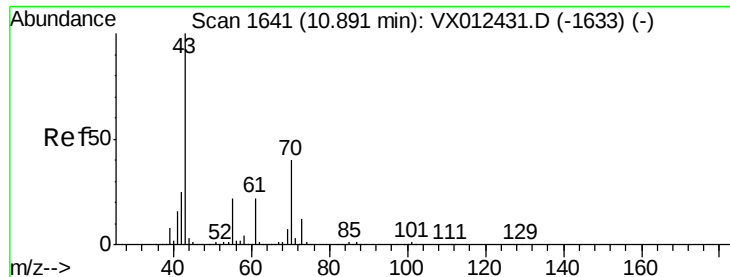
120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 46.376 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

Tgt Ion: 43 Resp: 230891

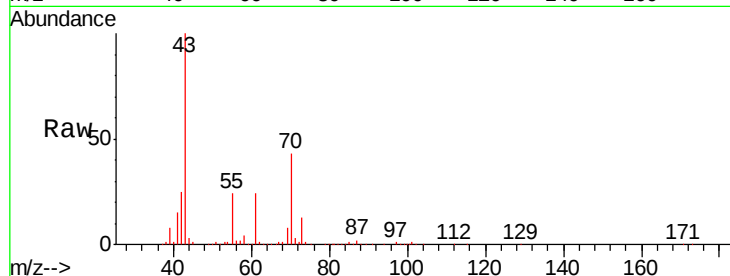
Ion Ratio Lower Upper

43 100

70 43.1 32.4 48.6

55 24.6 18.2 27.4

61 24.1 18.5 27.7

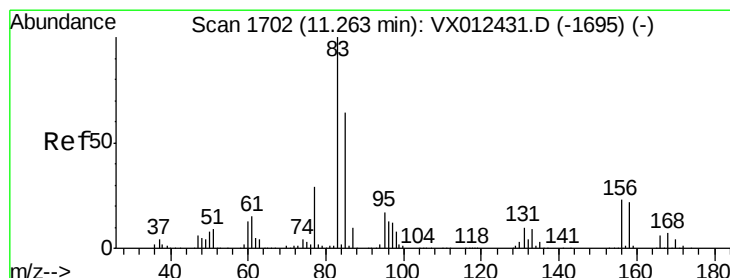
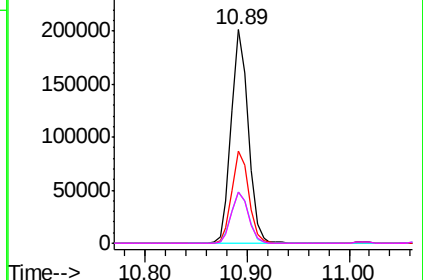
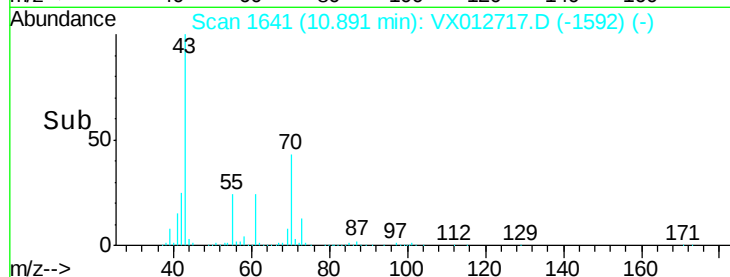


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.080 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

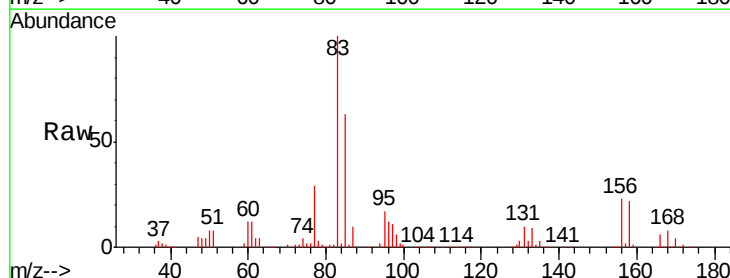
Tgt Ion: 83 Resp: 176543

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

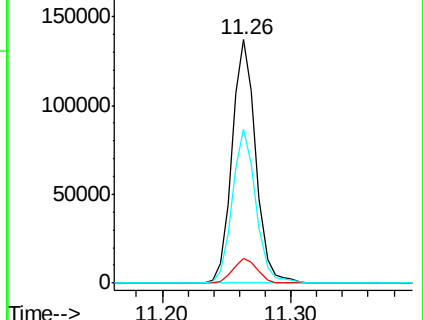
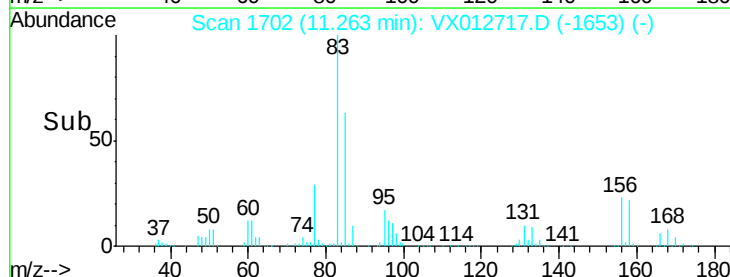
85 63.1 32.0 96.0

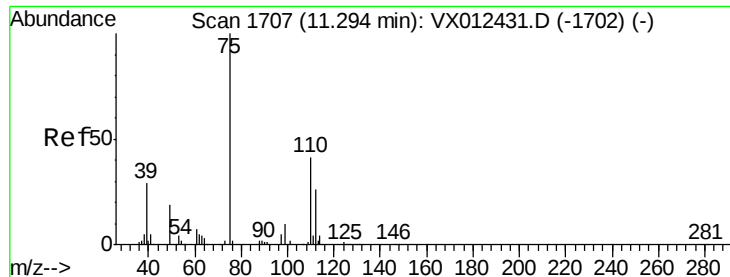


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 60.474 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

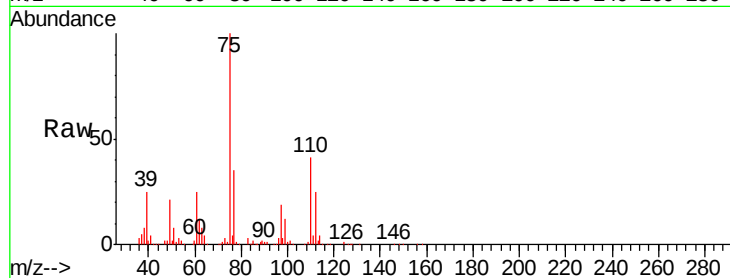
FT-MW10I-20190925MSD

Tgt Ion: 75 Resp: 204970

Ion Ratio Lower Upper

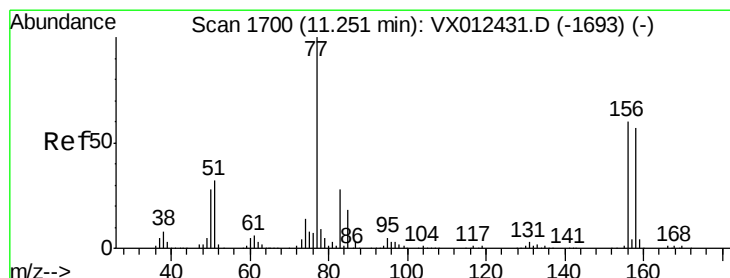
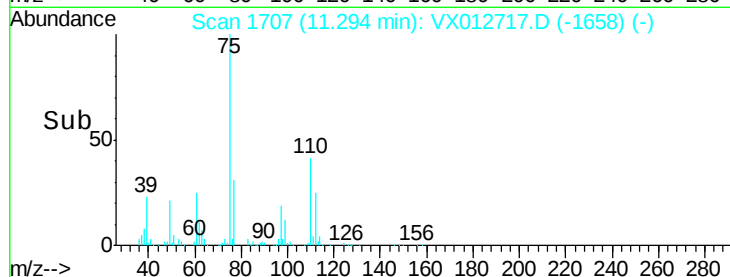
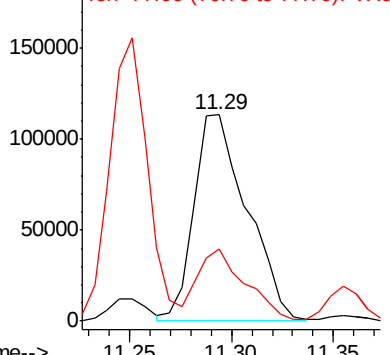
75 100

77 31.4 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.838 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

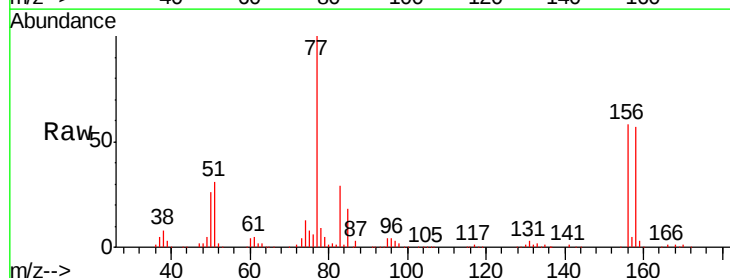
Tgt Ion: 156 Resp: 115352

Ion Ratio Lower Upper

156 100

77 174.5 87.3 261.8

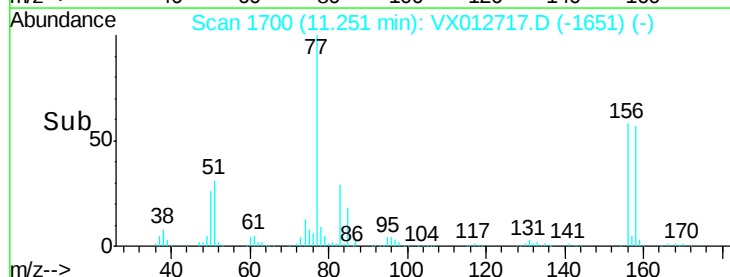
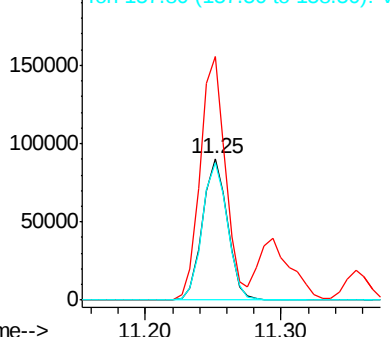
158 97.8 48.5 145.6

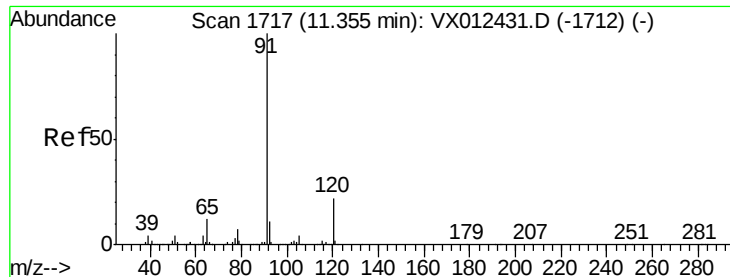


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

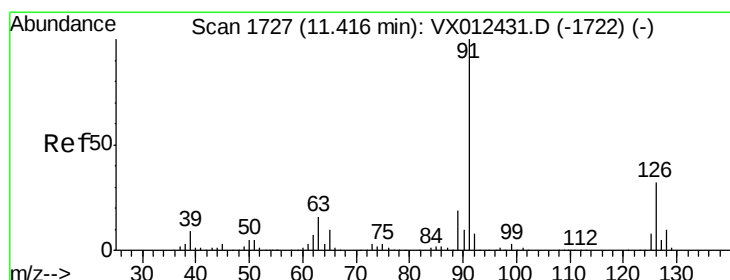
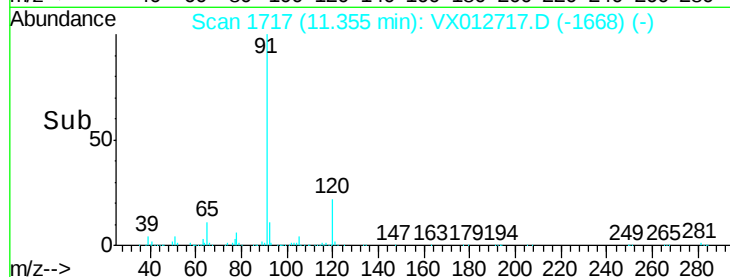
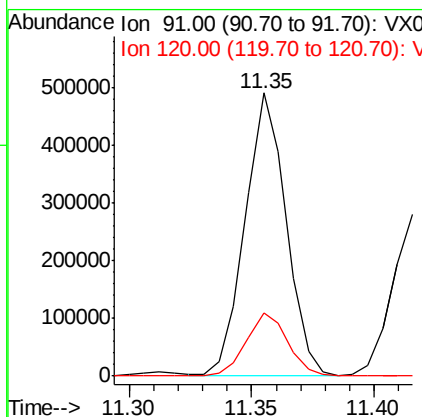
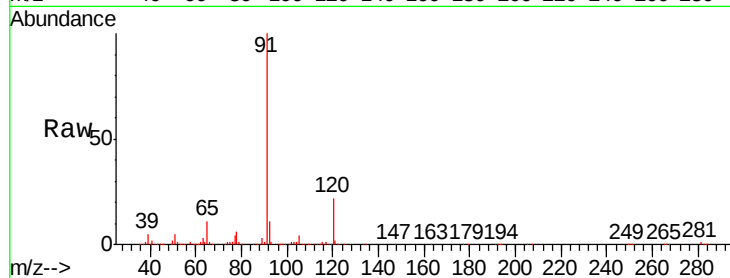




#78
n-propylbenzene
Concen: 48.250 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

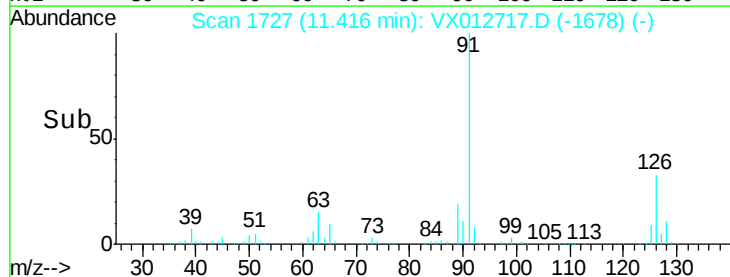
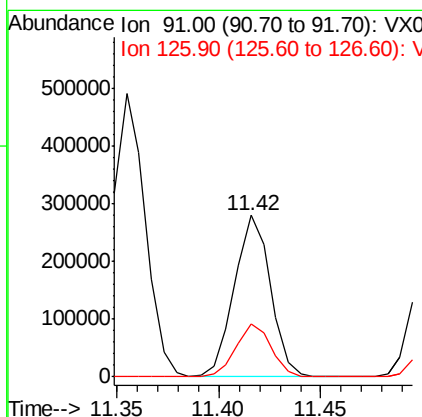
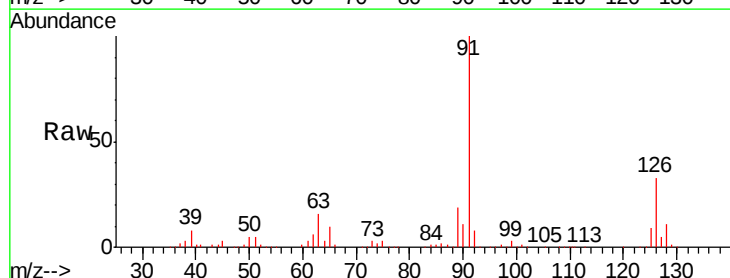
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

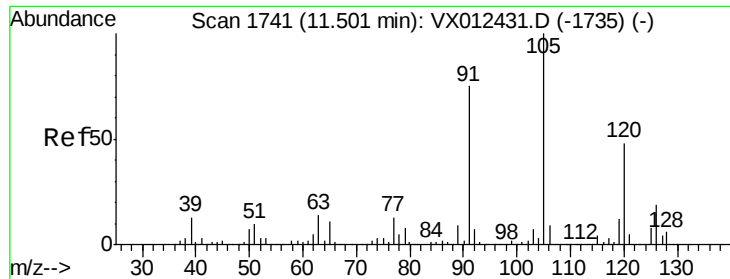
Tgt Ion: 91 Resp: 566893
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8



#79
2-Chlorotoluene
Concen: 46.781 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion: 91 Resp: 342871
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

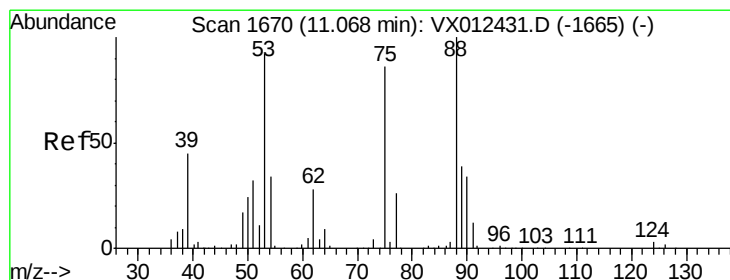
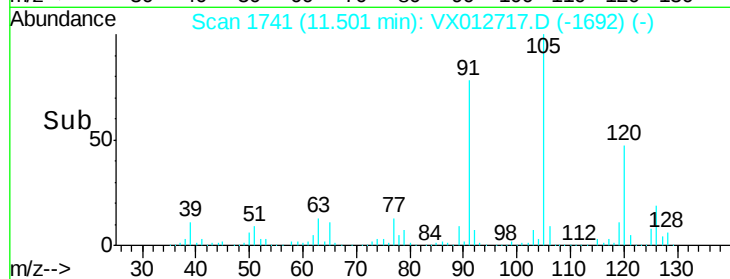
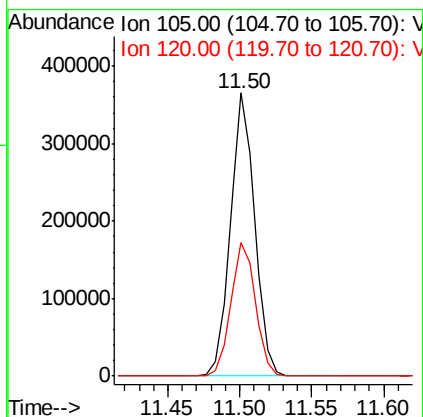
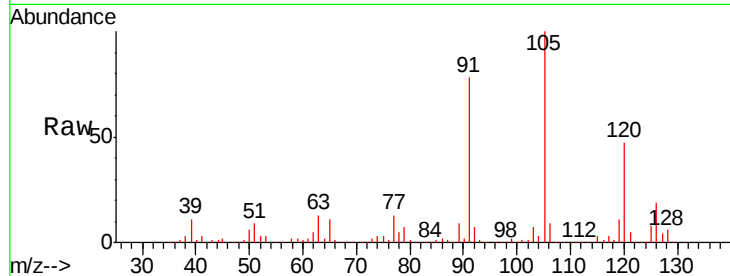




#80
 1,3,5-Trimethylbenzene
 Concen: 49.302 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

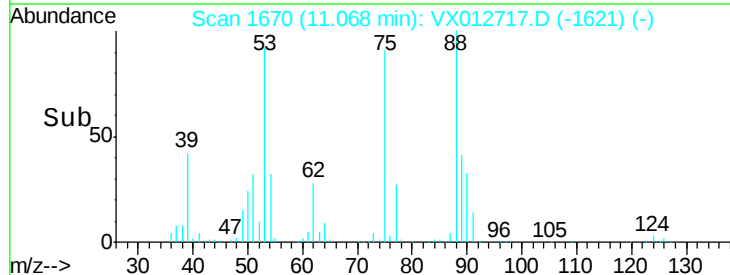
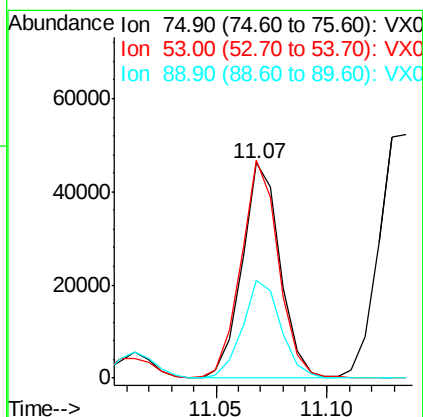
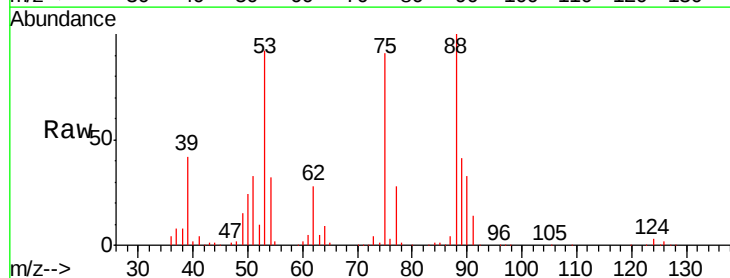
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

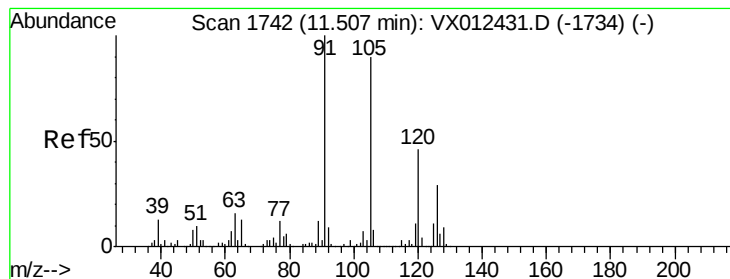
Tgt Ion: 105 Resp: 431459
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.189 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion: 75 Resp: 54629
 Ion Ratio Lower Upper
 75 100
 53 100.3 83.6 125.4
 89 46.2 36.3 54.5





#82

4-Chlorotoluene

Concen: 49.178 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

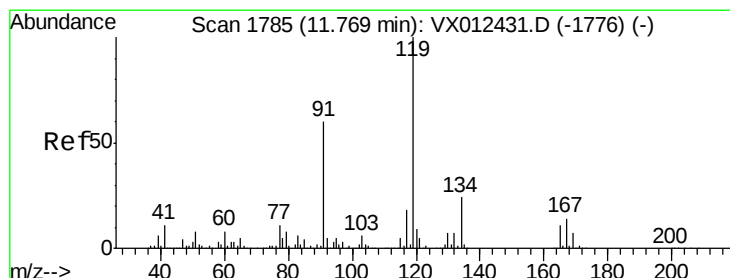
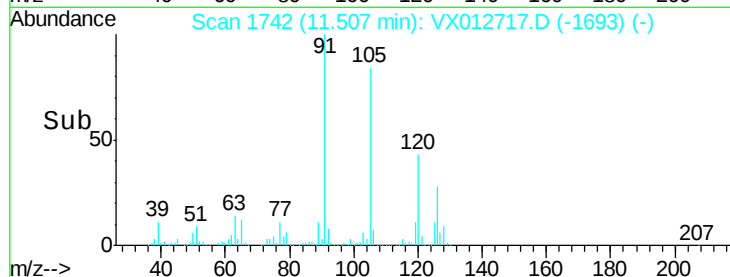
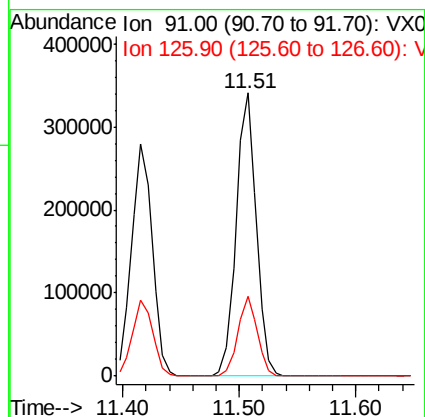
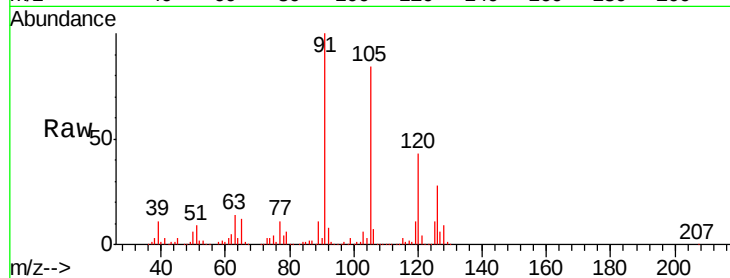
FT-MW10I-20190925MSD

Tgt Ion: 91 Resp: 410884

Ion Ratio Lower Upper

91 100

126 27.4 14.4 43.0



#83

tert-Butylbenzene

Concen: 49.257 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

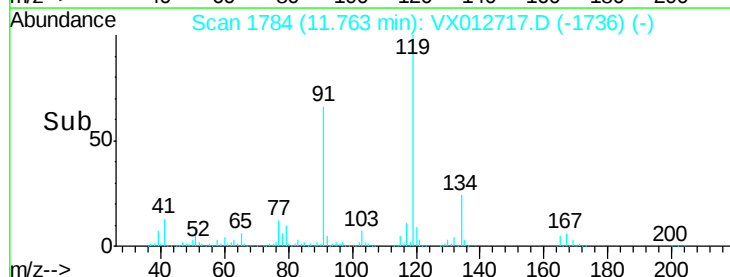
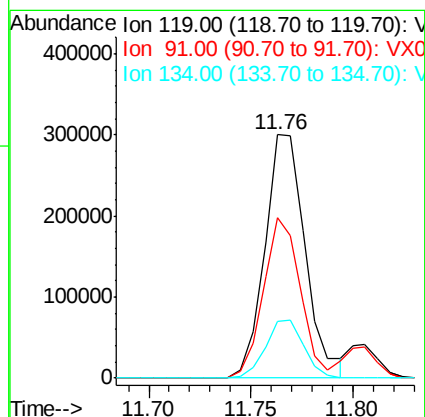
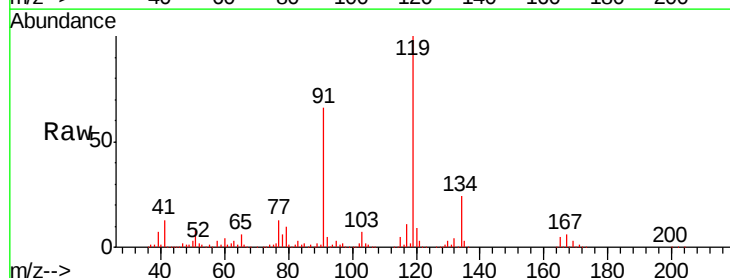
Tgt Ion: 119 Resp: 415822

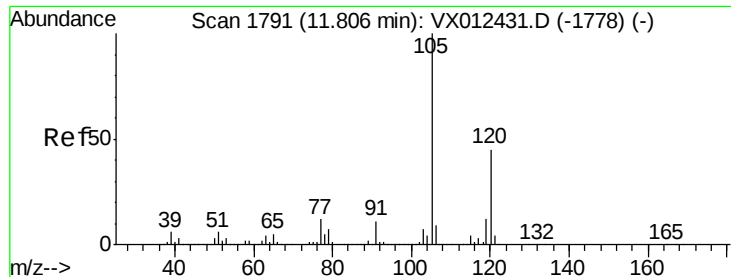
Ion Ratio Lower Upper

119 100

91 60.0 30.0 90.0

134 22.7 11.3 33.9

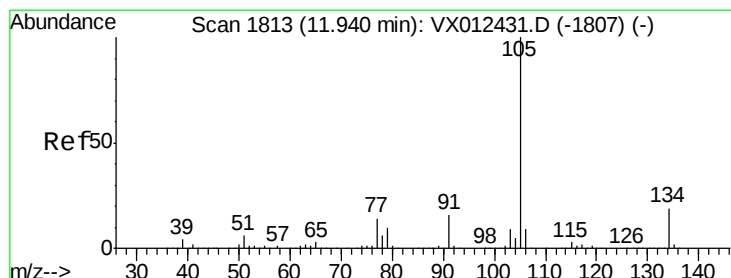
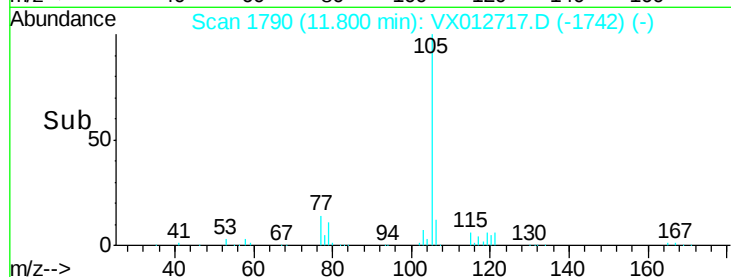
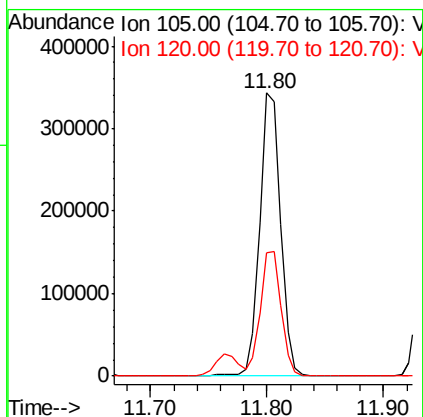
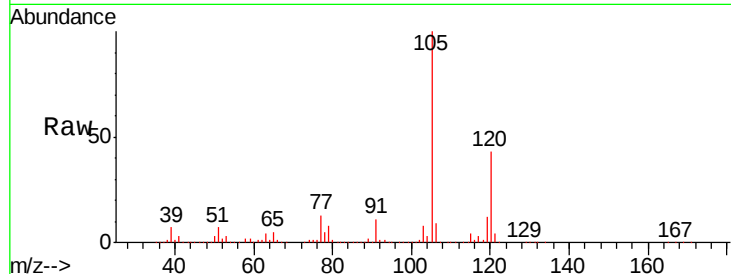




#84
 1,2,4-Trimethylbenzene
 Concen: 49.017 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

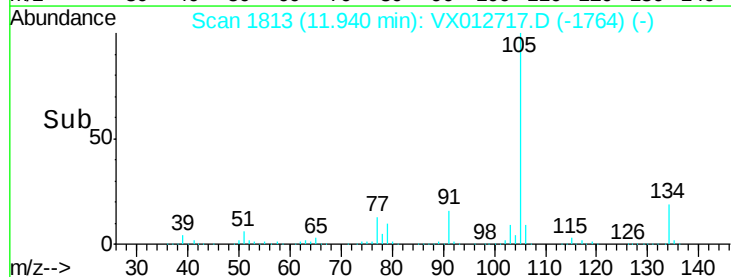
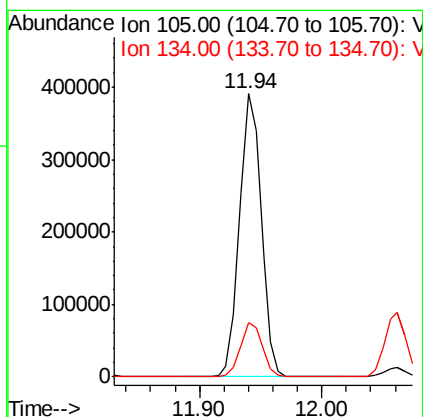
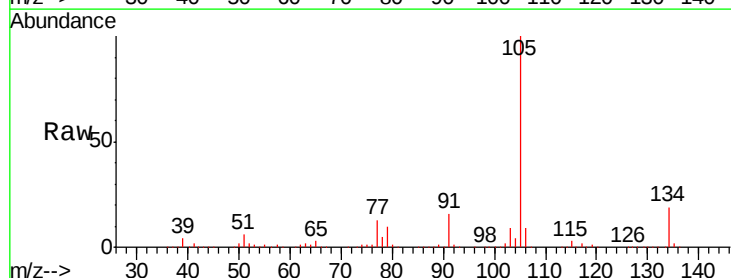
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

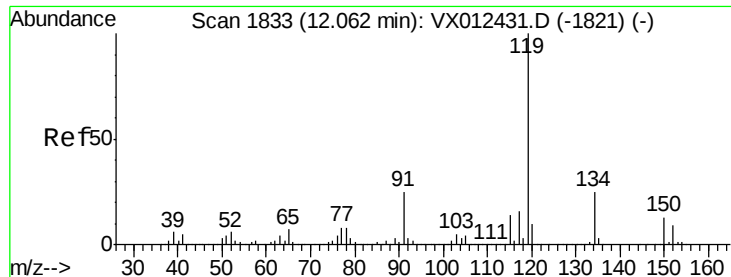
Tgt Ion:105 Resp: 432734
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 48.774 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion:105 Resp: 478908
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4





#86

p-Isopropyltoluene

Concen: 49.558 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

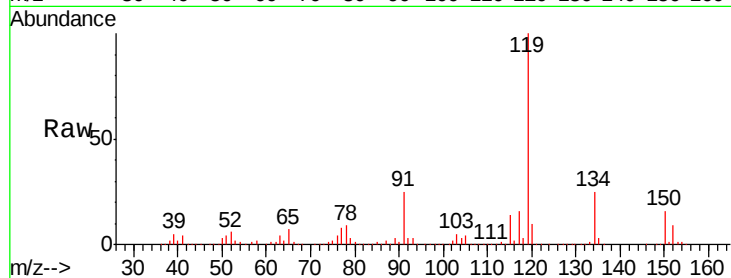
Tgt Ion:119 Resp: 439065

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

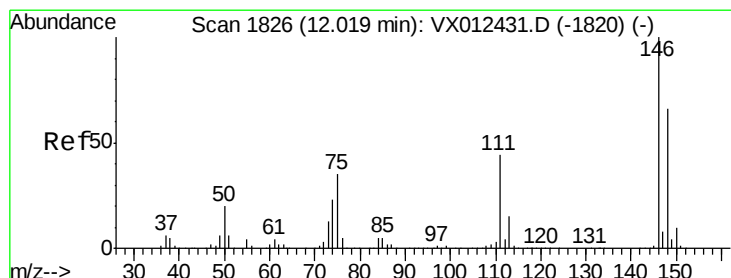
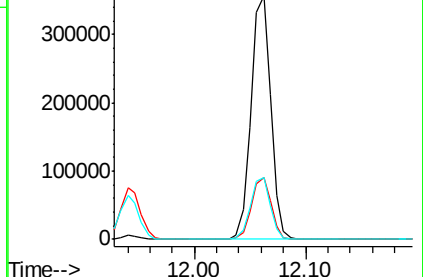
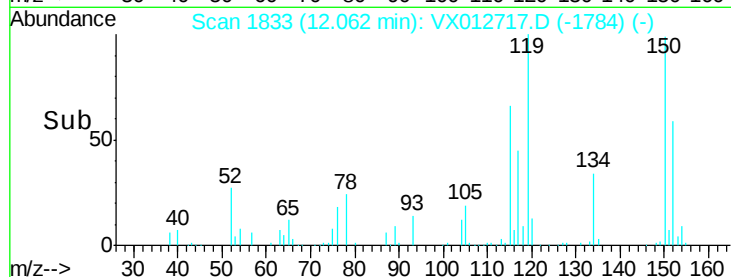
91 25.4 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 48.896 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

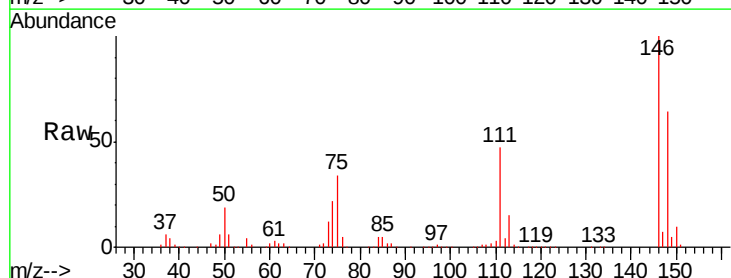
Tgt Ion:146 Resp: 207835

Ion Ratio Lower Upper

146 100

111 45.3 21.3 64.0

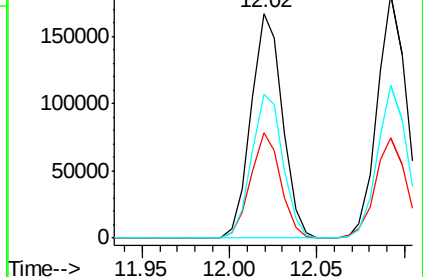
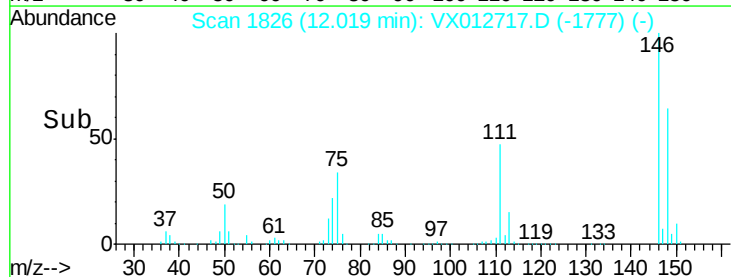
148 63.9 32.4 97.2

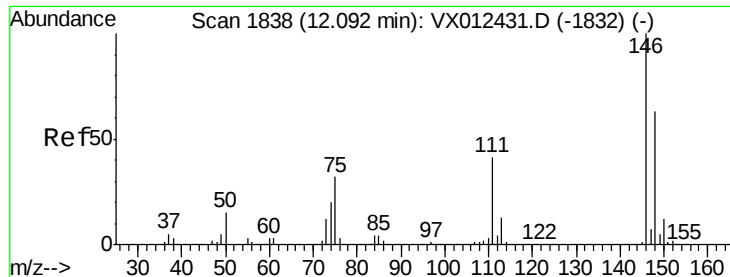


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

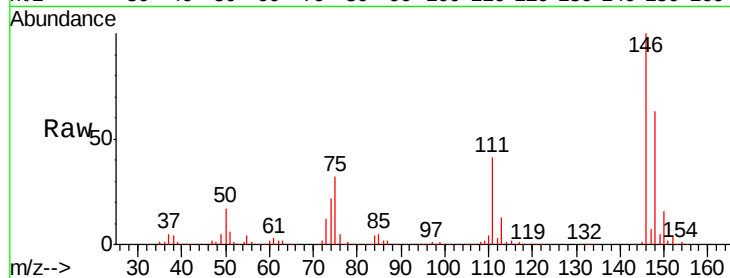




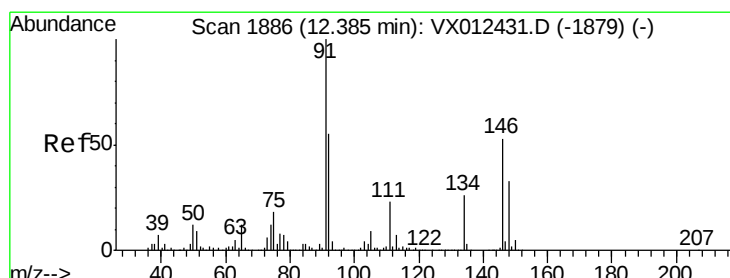
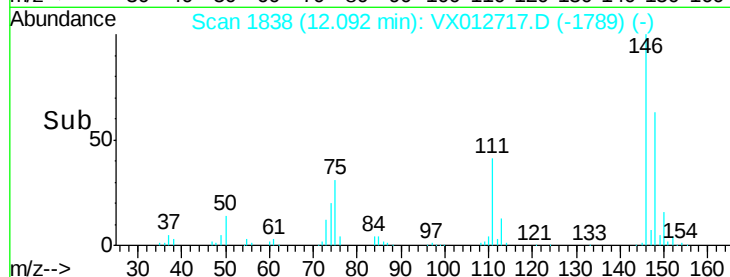
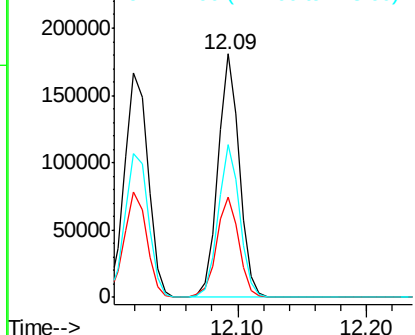
#88
 1,4-Dichlorobenzene
 Concen: 49.337 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.3
148	63.6	32.1	96.5

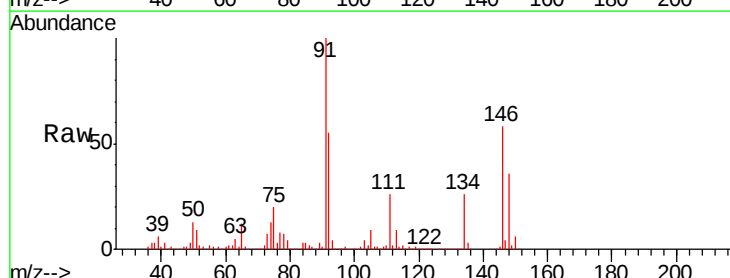


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

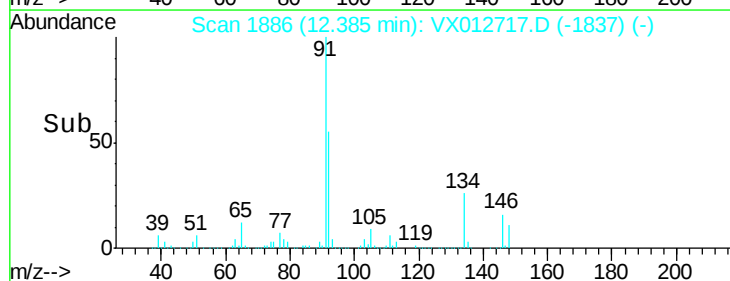
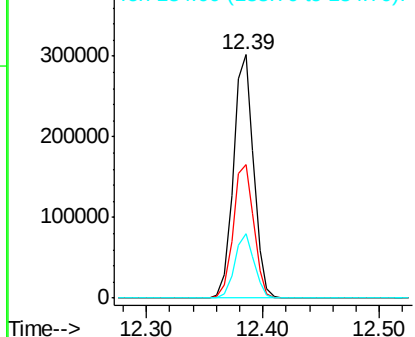


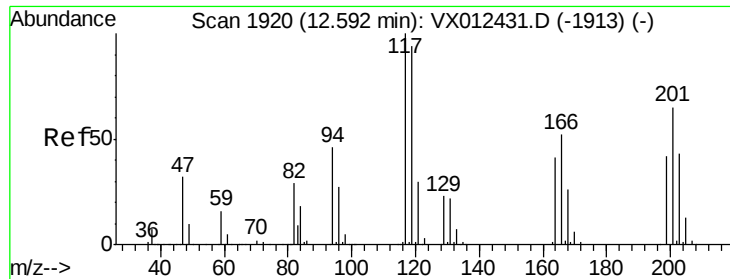
#89
 n-Butylbenzene
 Concen: 46.520 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.7	83.0
134	25.6	12.9	38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

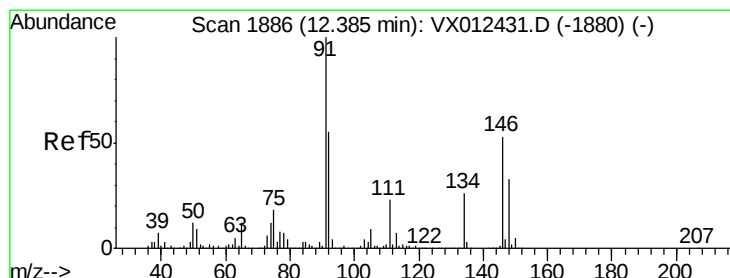
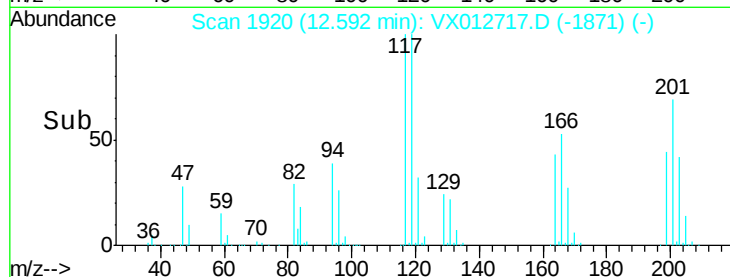
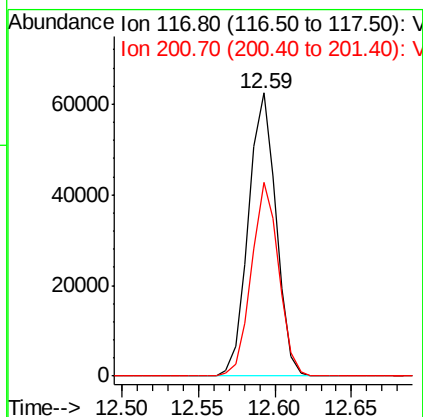
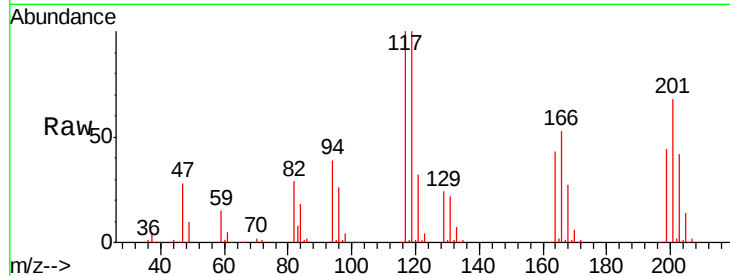




#90
Hexachloroethane
Concen: 49.737 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

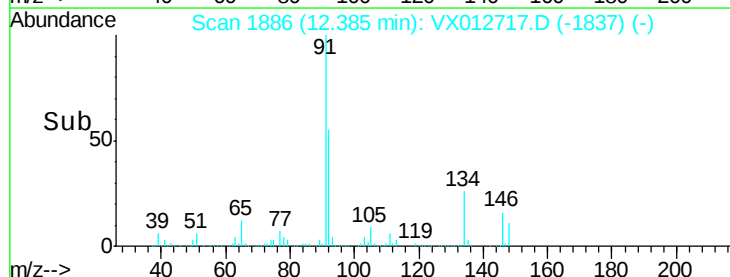
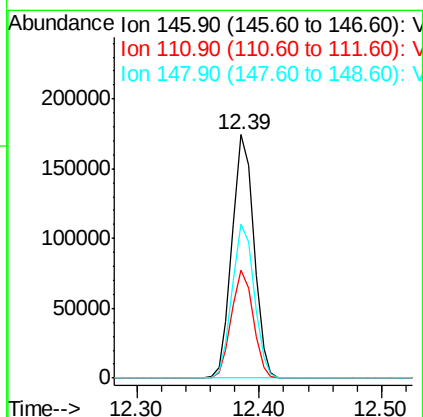
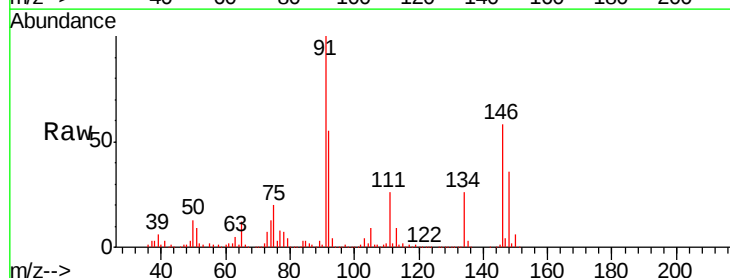
Instrument :
MSVOA_X
ClientSampleId :
FT-MW10I-20190925MSD

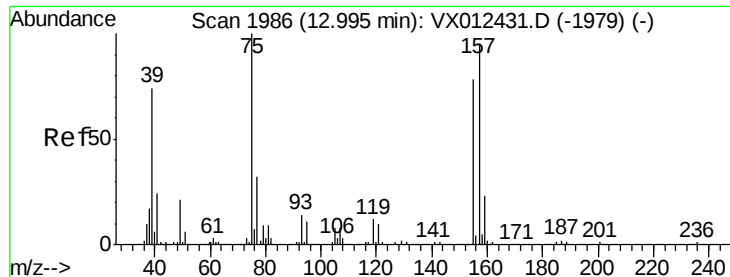
Tgt Ion:117 Resp: 78561
Ion Ratio Lower Upper
117 100
201 67.3 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 50.539 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012717.D
Acq: 30 Sep 2019 19:49

Tgt Ion:146 Resp: 215067
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 63.7 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.942 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

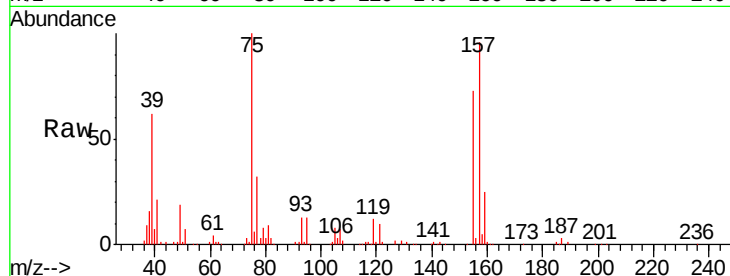
Tgt Ion: 75 Resp: 44907

Ion Ratio Lower Upper

75 100

155 77.8 38.6 115.8

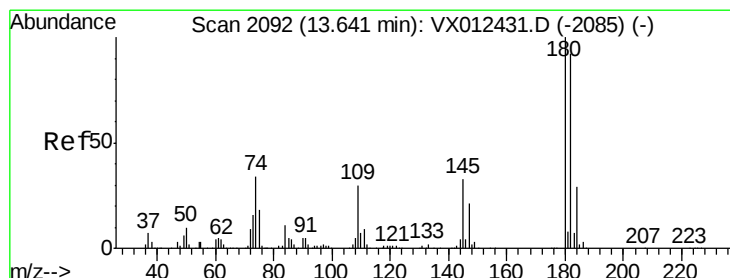
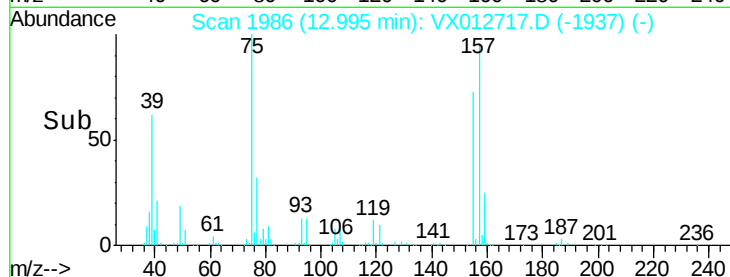
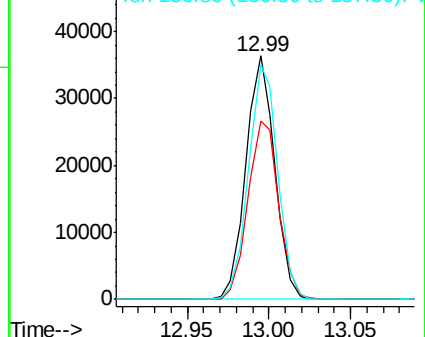
157 97.9 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.813 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

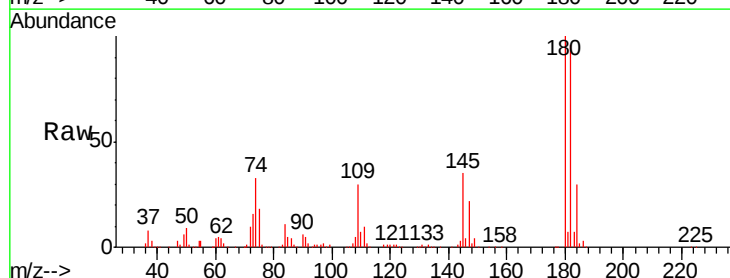
Tgt Ion: 180 Resp: 126679

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.0

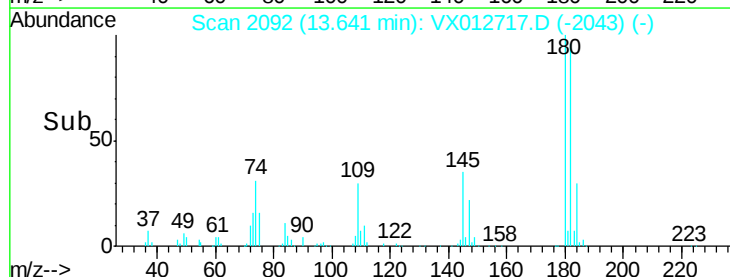
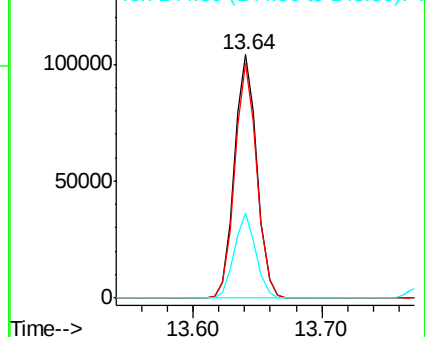
145 33.5 16.8 50.4

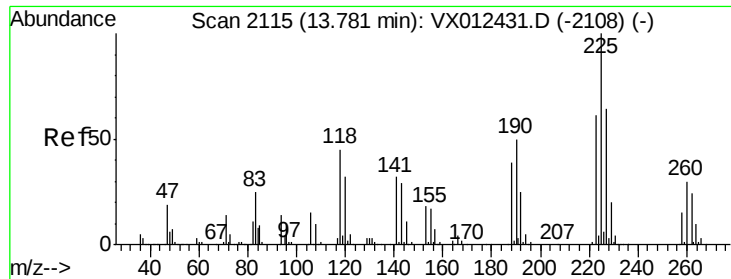


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.728 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

FT-MW10I-20190925MSD

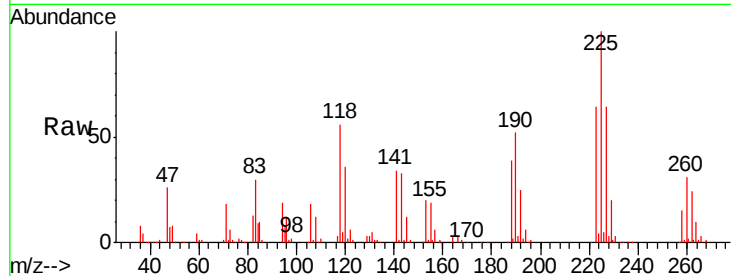
Tgt Ion:225 Resp: 55519

Ion Ratio Lower Upper

225 100

223 62.9 32.0 96.2

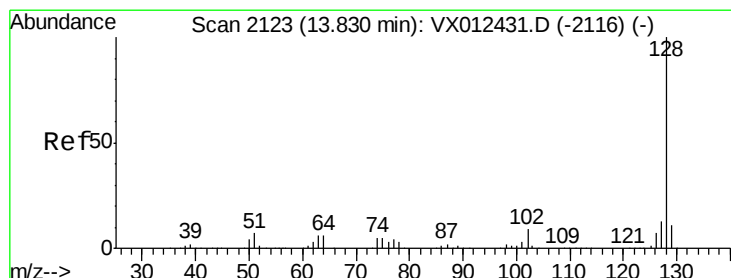
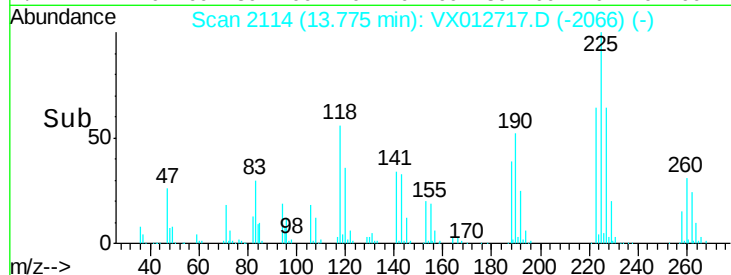
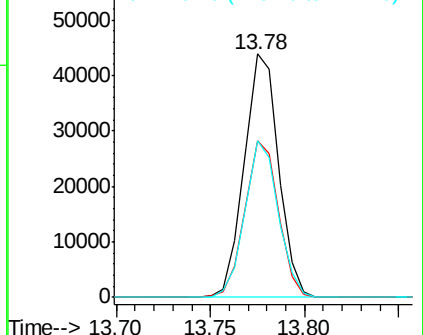
227 62.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.415 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012717.D

Acq: 30 Sep 2019 19:49

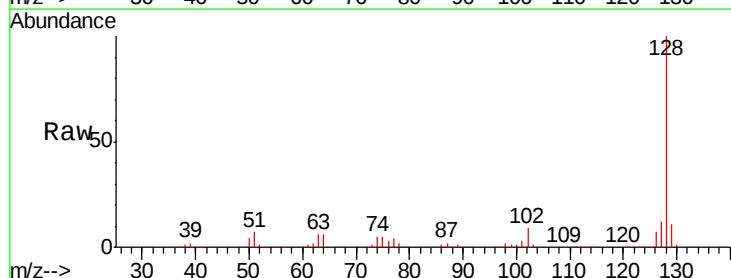
Tgt Ion:128 Resp: 463980

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

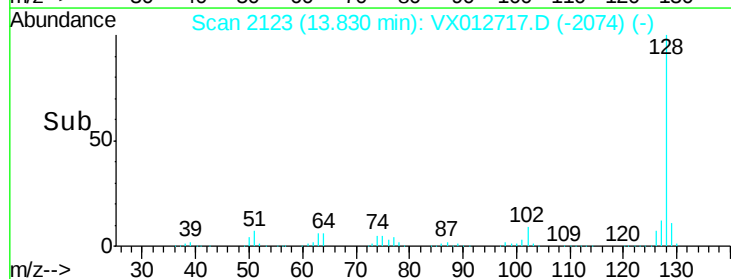
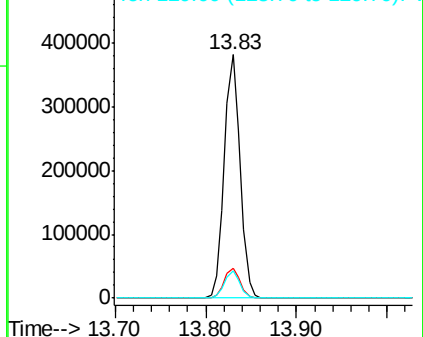
129 10.9 8.8 13.2

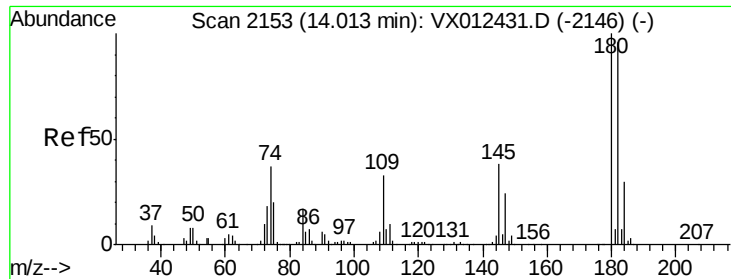


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.876 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012717.D
 Acq: 30 Sep 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.3
145	36.9	18.0	54.0

