

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012925.D
 Acq On : 09 Oct 2019 06:15
 Operator : JC/SP
 Sample : K5190-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Quant Time: Oct 09 06:48:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124223	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111769	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	5.49	113	87010	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	8.71	98	331799	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	127634	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	89856	51.316	ug/l	95
3) Chloromethane	1.32	50	98778	51.834	ug/l	96
4) Vinyl Chloride	1.40	62	99894	50.787	ug/l	100
5) Bromomethane	1.63	94	33783	41.318	ug/l	95
6) Chloroethane	1.71	64	62257	51.804	ug/l	99
7) Trichlorofluoromethane	1.92	101	137464	51.780	ug/l	99
8) Diethyl Ether	2.18	74	55760	52.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84119	48.959	ug/l	100
10) Methyl Iodide	2.50	142	93718	48.336	ug/l	99
11) Tert butyl alcohol	3.03	59	140196	246.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	88455	50.955	ug/l	94
13) Acrolein	2.28	56	92227	228.012	ug/l	100
14) Allyl chloride	2.72	41	153614	49.689	ug/l	99
15) Acrylonitrile	3.13	53	282813	262.200	ug/l	99
16) Acetone	2.44	43	248883	219.916	ug/l	99
17) Carbon Disulfide	2.56	76	235294	47.535	ug/l	99
18) Methyl Acetate	2.76	43	122019	45.487	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319902	53.363	ug/l	98
20) Methylene Chloride	2.85	84	102332	49.201	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	96421	51.822	ug/l	99
22) Diisopropyl ether	3.84	45	315555	53.268	ug/l	95
23) Vinyl Acetate	3.80	43	1222592	239.071	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176775	53.044	ug/l	99
25) 2-Butanone	4.66	43	387815	247.000	ug/l	99
26) 2,2-Dichloropropane	4.57	77	97285	34.714	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110605	51.571	ug/l	97
28) Bromochloromethane	5.01	49	54123	54.382	ug/l	100
29) Tetrahydrofuran	5.11	42	255306	264.240	ug/l	99
30) Chloroform	5.20	83	176809	51.705	ug/l	98
31) Cyclohexane	5.57	56	155398	49.867	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	155381	53.628	ug/l	98
36) 1,1-Dichloropropene	5.79	75	132483	50.296	ug/l	100
37) Ethyl Acetate	4.82	43	137481	46.677	ug/l	99
38) Carbon Tetrachloride	5.78	117	129930	50.678	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153714	48.120	ug/l	98
40) Benzene	6.13	78	402481	51.735	ug/l	98
41) Methacrylonitrile	5.03	41	82139	50.752	ug/l	99
42) 1,2-Dichloroethane	6.18	62	143235	51.309	ug/l	100
43) Isopropyl Acetate	6.43	43	227239	48.068	ug/l	100
44) Trichloroethene	7.20	130	103009	47.748	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102067	51.476	ug/l	96
46) Dibromomethane	7.65	93	67569	51.148	ug/l	99
47) Bromodichloromethane	7.89	83	134341	52.109	ug/l	98
48) Methyl methacrylate	7.76	41	116234	50.455	ug/l	99
49) 1,4-Dioxane	7.73	88	59418	962.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757780	257.097	ug/l	100
52) Toluene	8.78	92	254436	51.121	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138453	43.336	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153666	48.463	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	100908	51.231	ug/l	99
56) Ethyl methacrylate	9.17	69	166089	47.197	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174832	51.313	ug/l	99
59) 2-Hexanone	9.49	43	582427	253.847	ug/l	100
60) Dibromochloromethane	9.58	129	103223	47.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107082	51.681	ug/l	98
64) Tetrachloroethene	9.33	164	94001	50.217	ug/l	98
65) Chlorobenzene	10.14	112	264955	49.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96513	51.938	ug/l	100
67) Ethyl Benzene	10.25	91	484581	50.902	ug/l	100
68) m/p-Xylenes	10.35	106	363419	102.185	ug/l	100
69) o-Xylene	10.70	106	175383	50.569	ug/l	100
70) Stvrene	10.71	104	303088	51.406	ug/l	100
71) Bromoform	10.85	173	69670	44.386	ug/l #	100
73) Isopropylbenzene	11.01	105	470631	51.530	ug/l	100
74) N-amyl acetate	10.89	43	186216	47.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155348	51.140	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	175282	63.617	ug/l	78
77) Bromobenzene	11.25	156	108445	50.388	ug/l	97
78) n-propylbenzene	11.35	91	517350	51.479	ug/l	99
79) 2-Chlorotoluene	11.42	91	317901	50.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	399237	52.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43216	41.123	ug/l	97
82) 4-Chlorotoluene	11.51	91	372314	51.429	ug/l	99
83) tert-Butylbenzene	11.76	119	380798	51.188	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401314	51.960	ug/l	99
85) sec-Butylbenzene	11.94	105	443223	51.426	ug/l	99
86) p-Isopropyltoluene	12.06	119	401961	50.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195518	48.921	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	194400	48.028	ug/l	100
89) n-Butylbenzene	12.39	91	335197	49.895	ug/l	100
90) Hexachloroethane	12.59	117	68655	46.527	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	198477	50.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36666	51.499	ug/l	100
93) 1,2,4-Trichlorobenzene	13.64	180	119293	48.603	ug/l	100

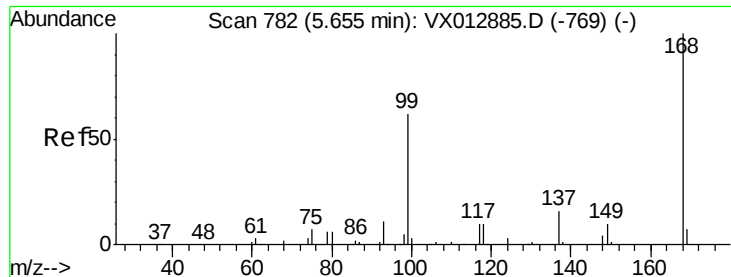
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QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53154	46.926	ug/l	99
95) Naphthalene	13.83	128	431471	50.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	122518	48.304	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

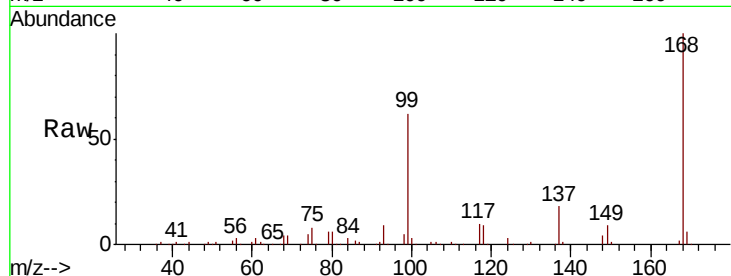
FC-MW10S-20191002MS

Tot Ion:168 Resp: 171783

Ion Ratio Lower Upper

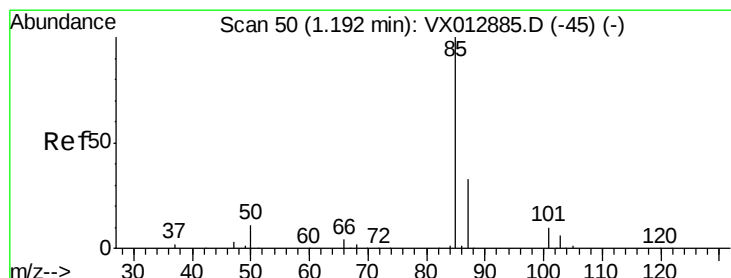
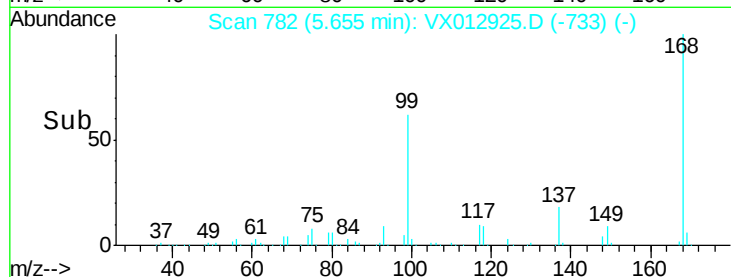
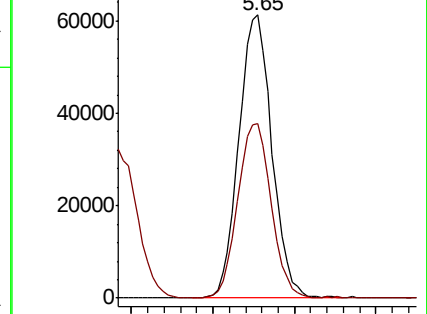
168 100

99 61.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.316 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012925.D

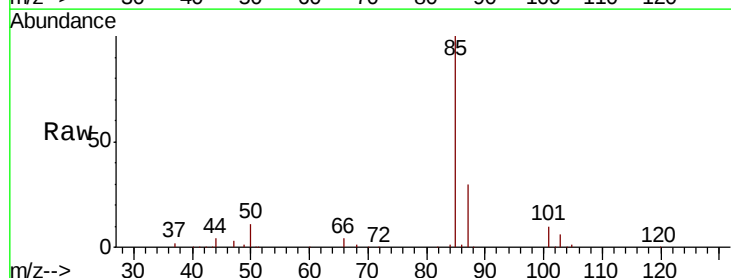
Acq: 09 Oct 2019 06:15

Tgt Ion: 85 Resp: 89856

Ion Ratio Lower Upper

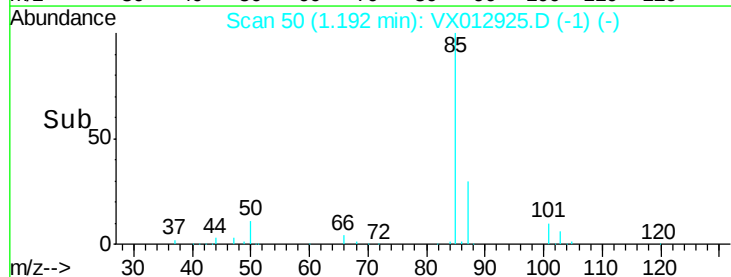
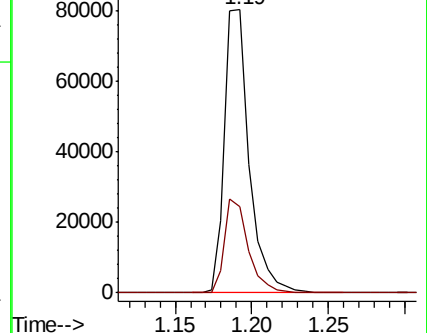
85 100

87 30.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.834 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

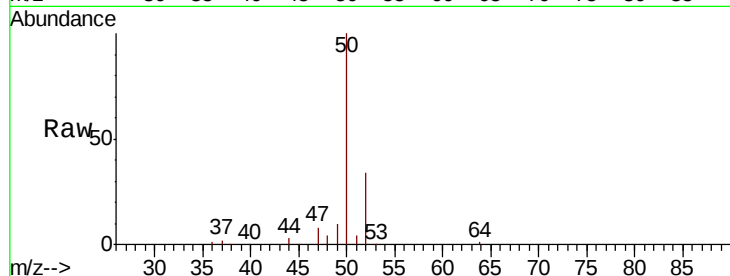
FC-MW10S-20191002MS

Tot Ion: 50 Resp: 98778

Ion Ratio Lower Upper

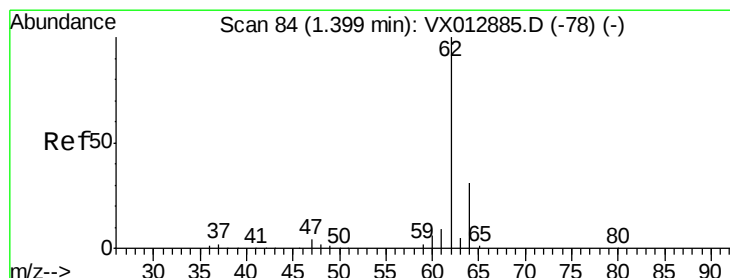
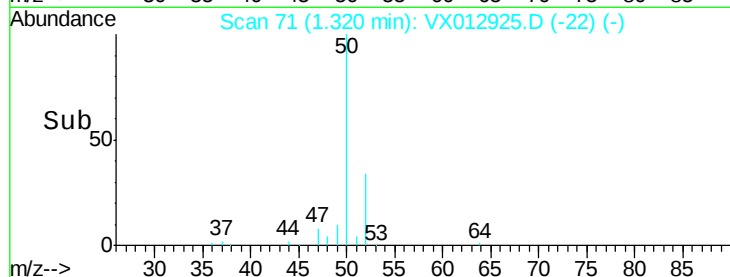
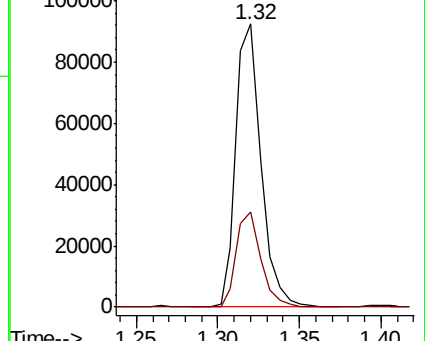
50 100

52 33.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.787 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012925.D

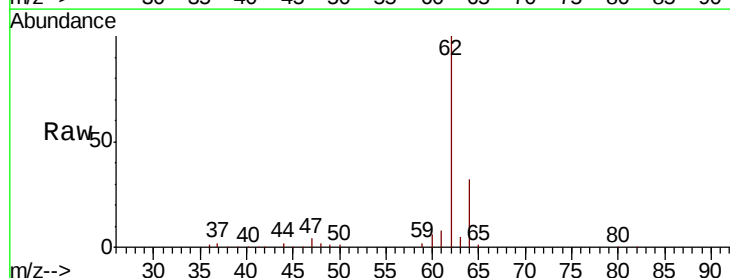
Acq: 09 Oct 2019 06:15

Tgt Ion: 62 Resp: 99894

Ion Ratio Lower Upper

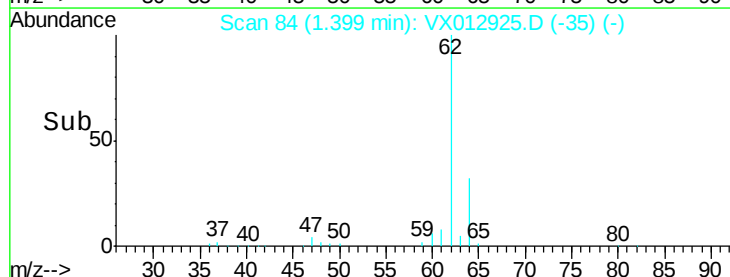
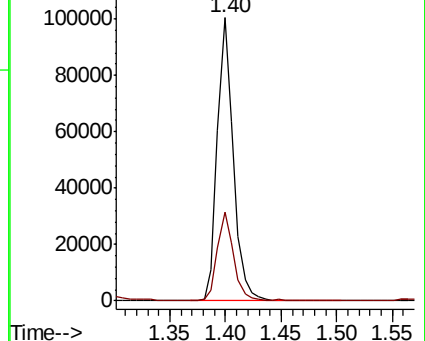
62 100

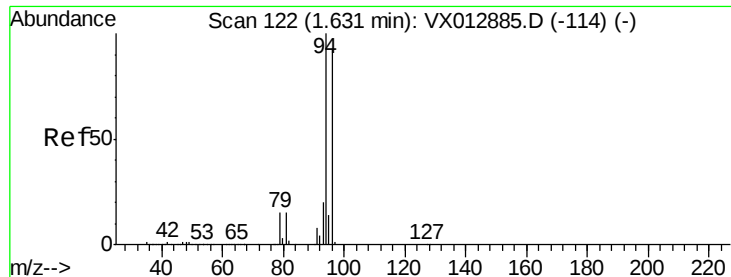
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.318 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

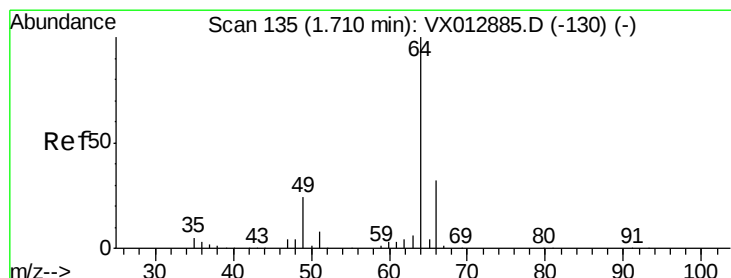
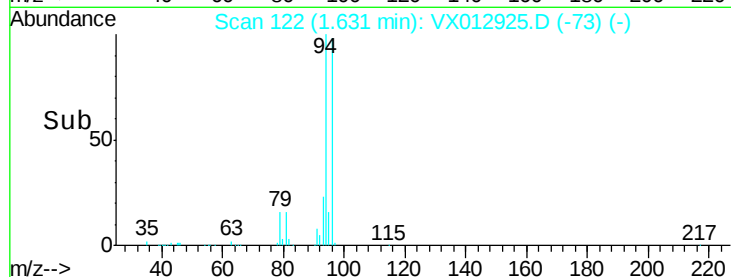
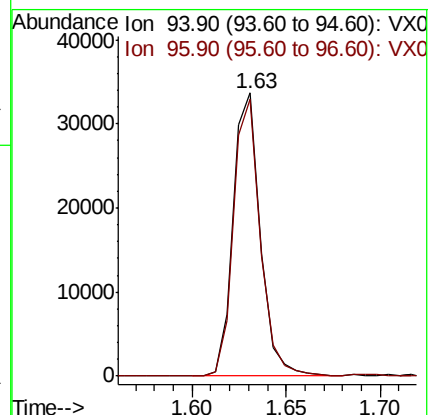
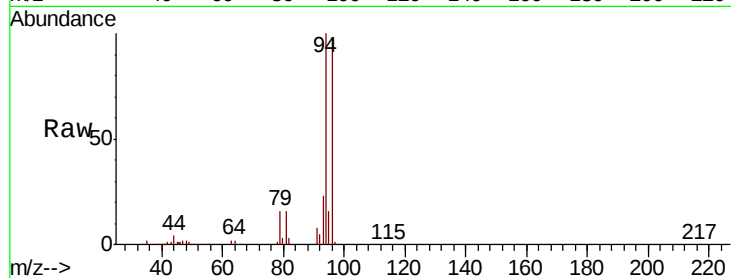
FC-MW10S-20191002MS

Tot Ion: 94 Resp: 33783

Ion Ratio Lower Upper

94 100

96 98.0 74.7 112.1



#6

Chloroethane

Concen: 51.804 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012925.D

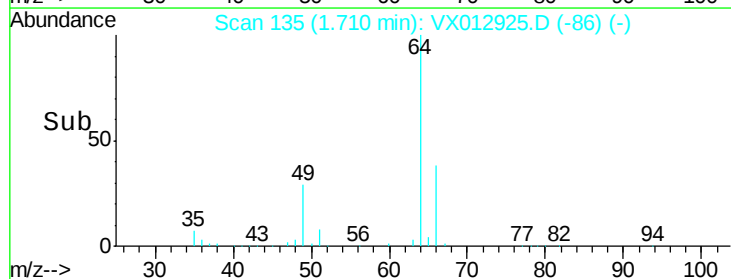
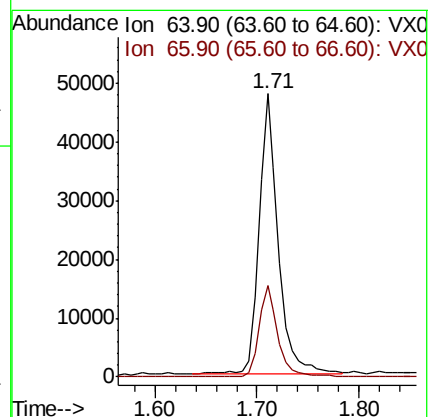
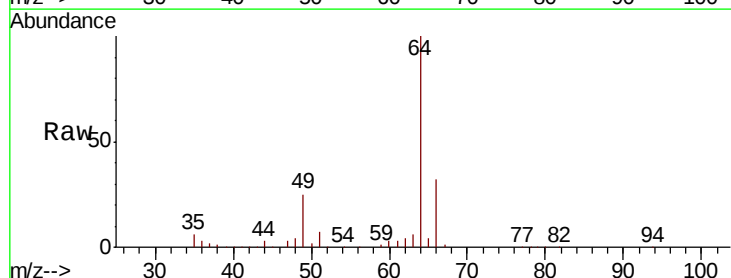
Acq: 09 Oct 2019 06:15

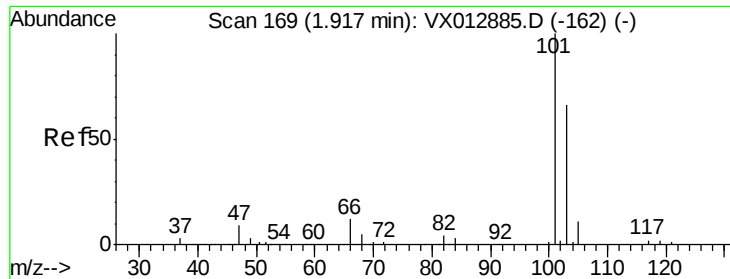
Tgt Ion: 64 Resp: 62257

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



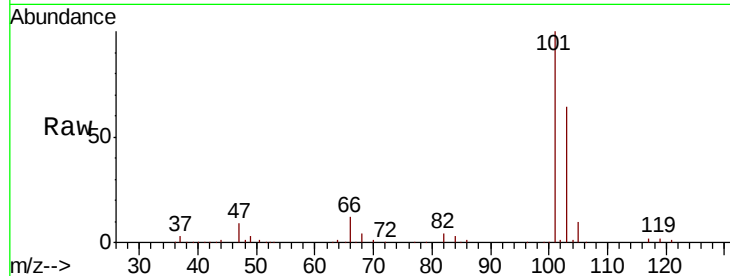


#7

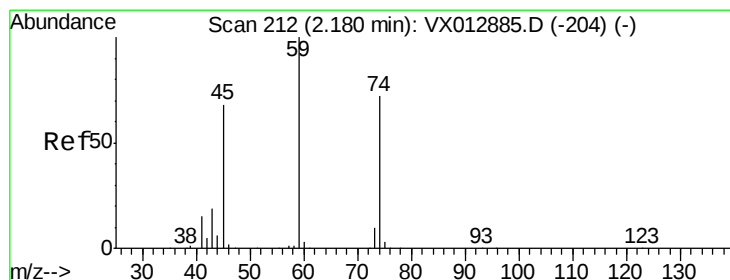
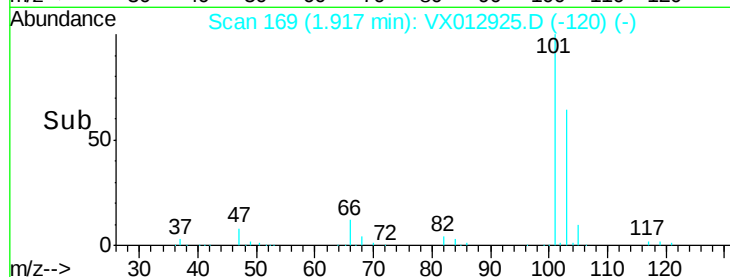
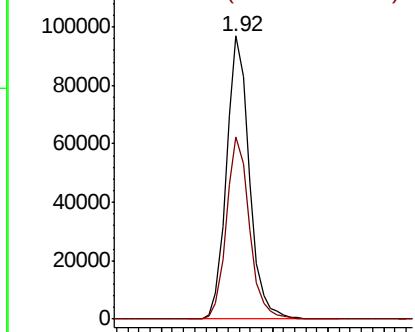
Trichlorofluoromethane
 Concen: 51.780 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion:101 Resp: 137464
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.5 78.7



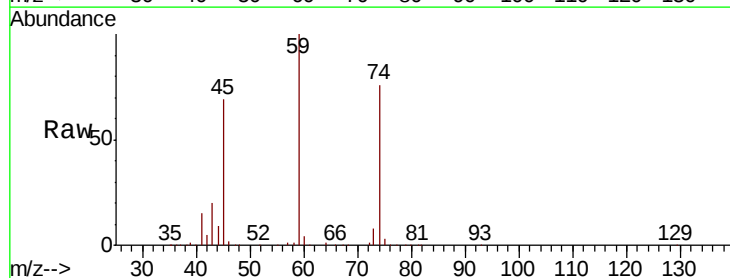
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



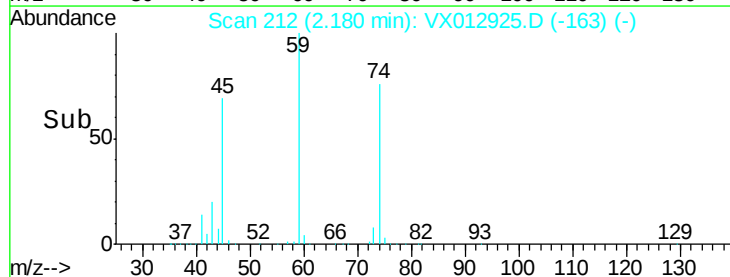
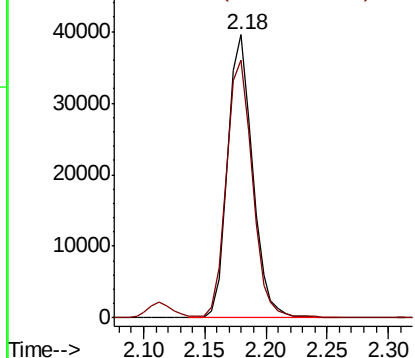
#8

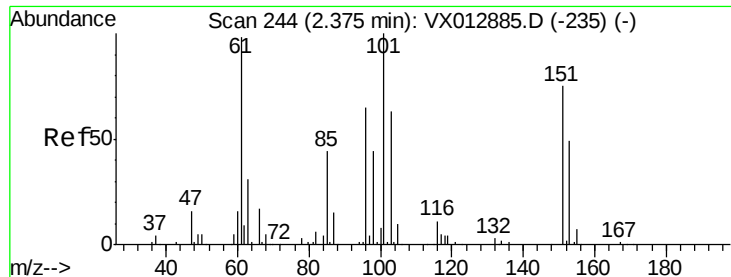
Diethyl Ether
 Concen: 52.036 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 74 Resp: 55760
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.959 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

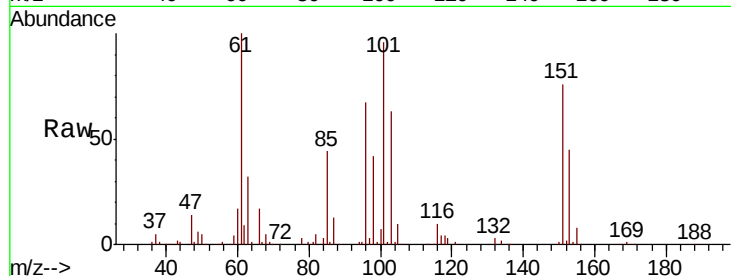
Tot Ion:101 Resp: 84119

Ion Ratio Lower Upper

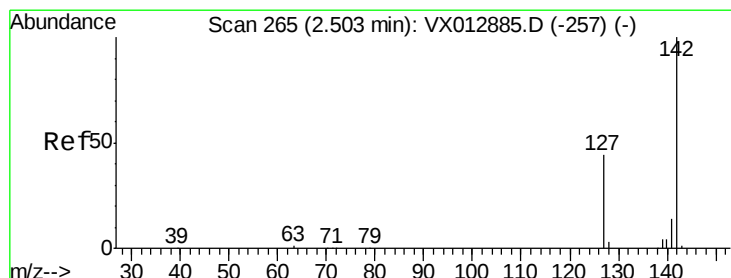
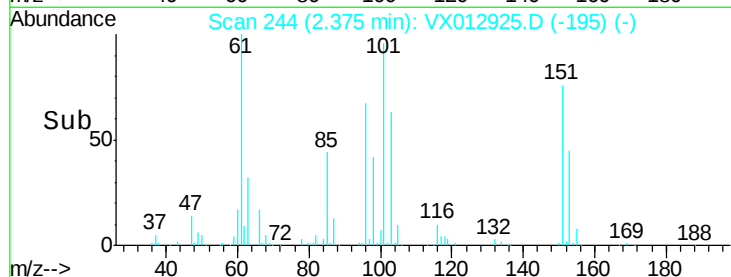
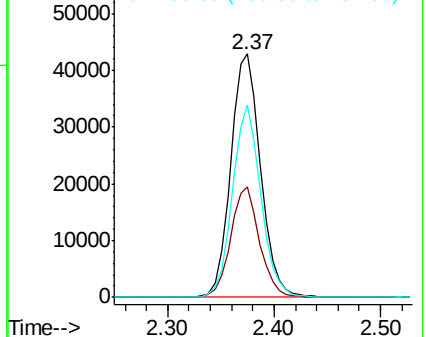
101 100

85 44.0 35.2 52.8

151 75.5 60.3 90.5



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



#10

Methyl Iodide

Concen: 48.336 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

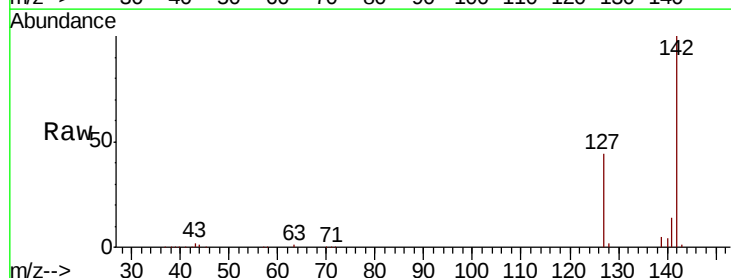
Tgt Ion:142 Resp: 93718

Ion Ratio Lower Upper

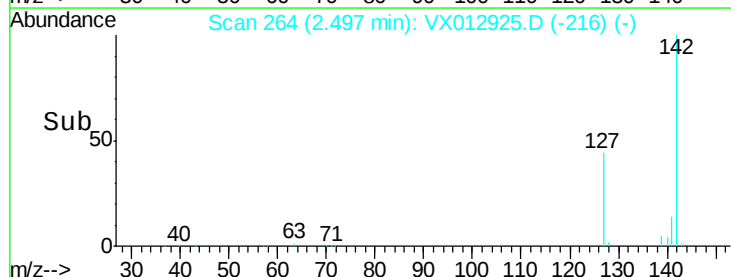
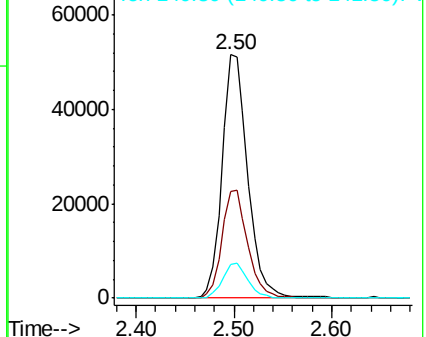
142 100

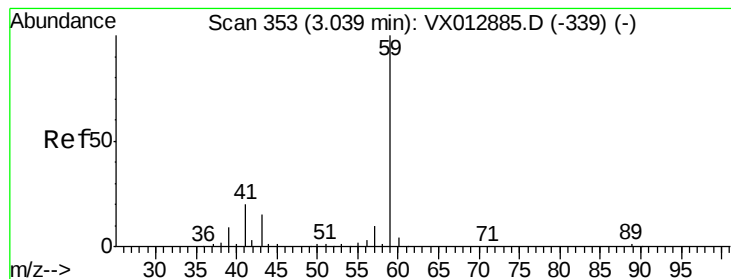
127 44.3 34.9 52.3

141 14.2 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



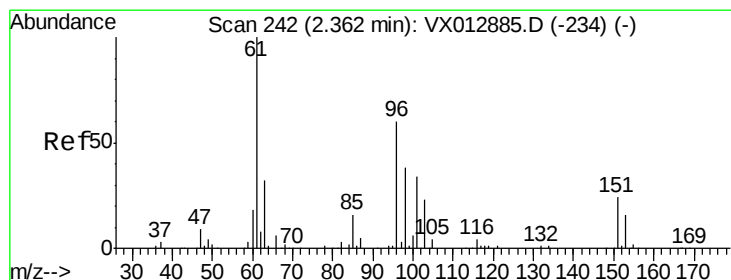
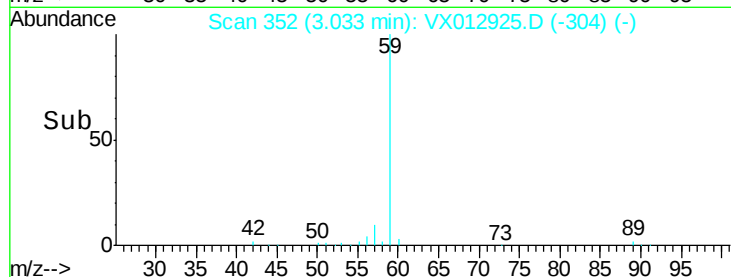
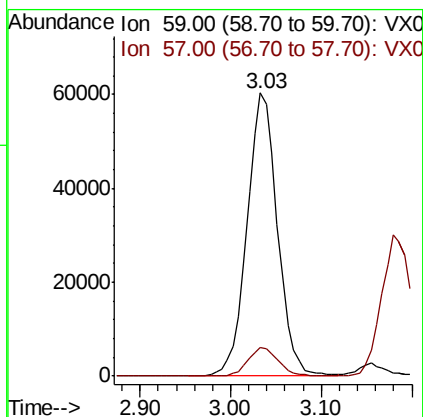
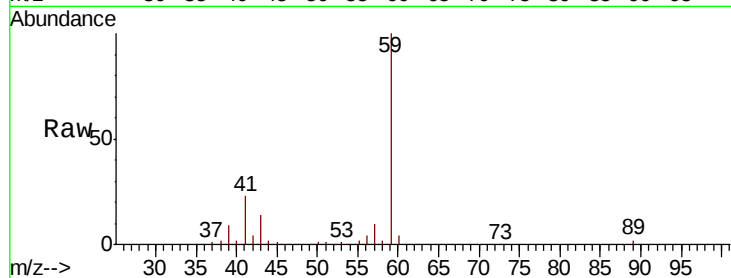


#11

Tert butyl alcohol
Concen: 246.317 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

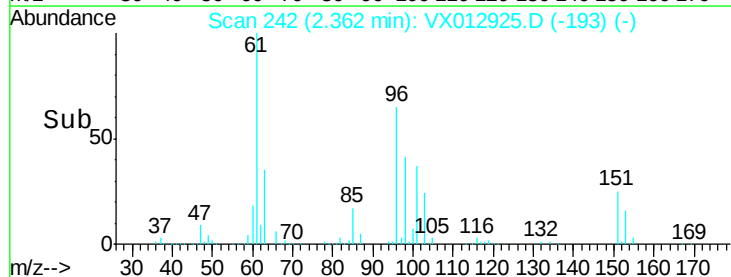
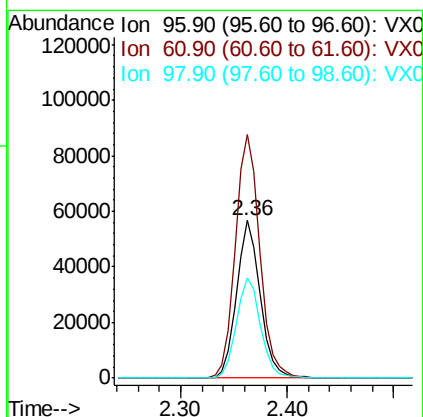
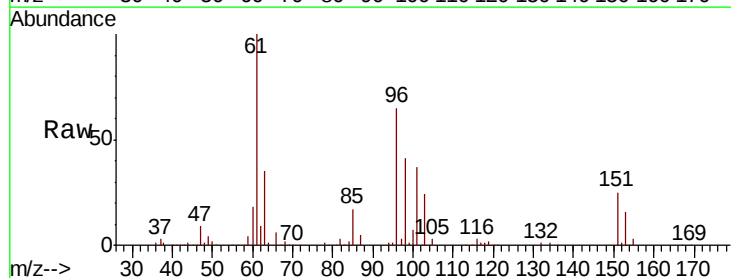
Tot Ion: 59 Resp: 140196
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

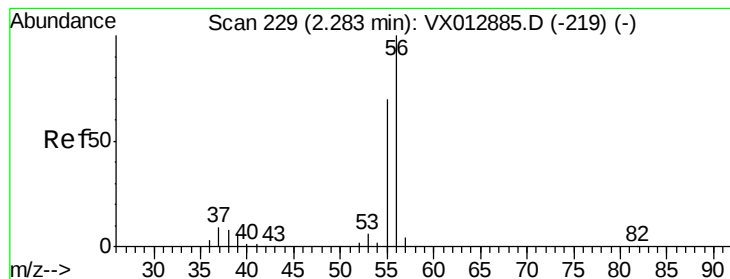


#12

1,1-Dichloroethene
Concen: 50.955 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 96 Resp: 88455
Ion Ratio Lower Upper
96 100
61 154.5 132.2 198.4
98 63.3 50.5 75.7





#13

Acrolein

Concen: 228.012 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

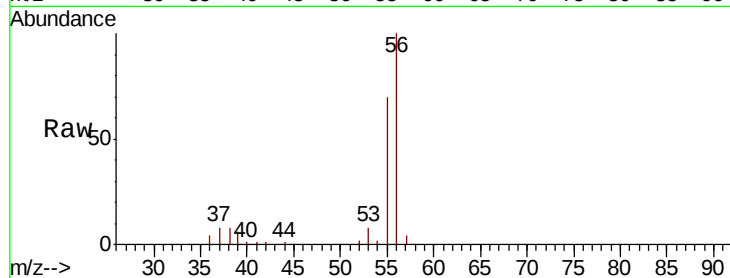
FC-MW10S-20191002MS

Tot Ion: 56 Resp: 92227

Ion Ratio Lower Upper

56 100

55 70.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

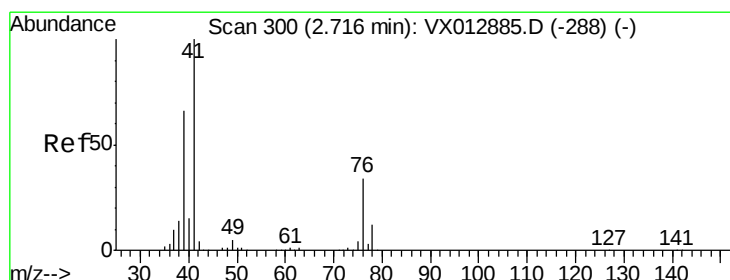
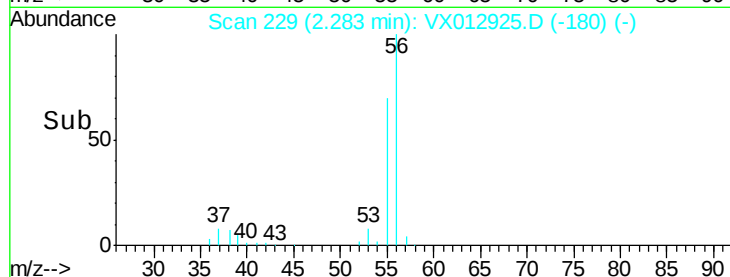
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 49.689 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

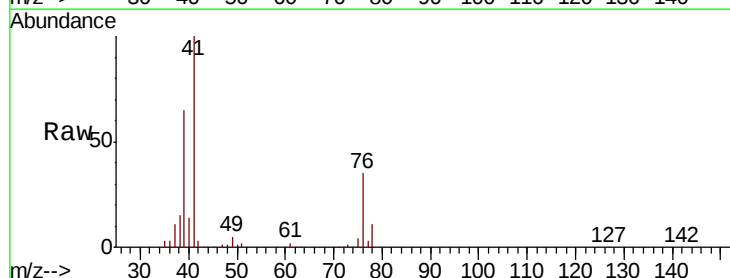
Tgt Ion: 41 Resp: 153614

Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.6

76 32.7 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

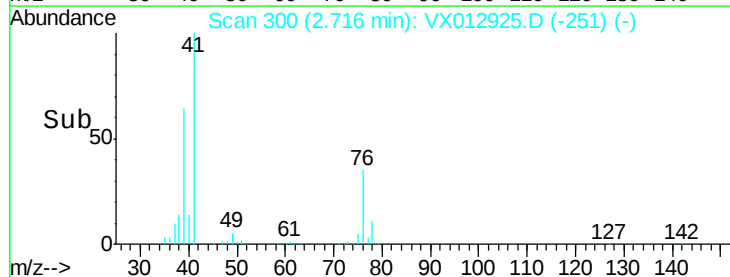
60000

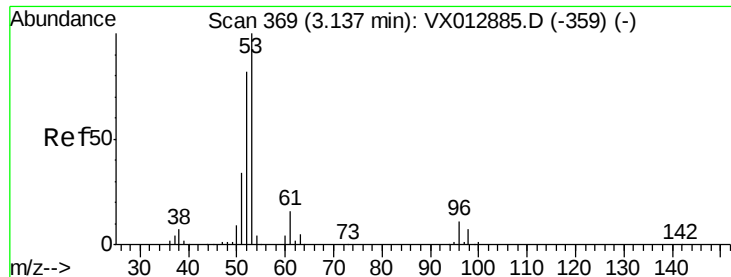
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 262.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

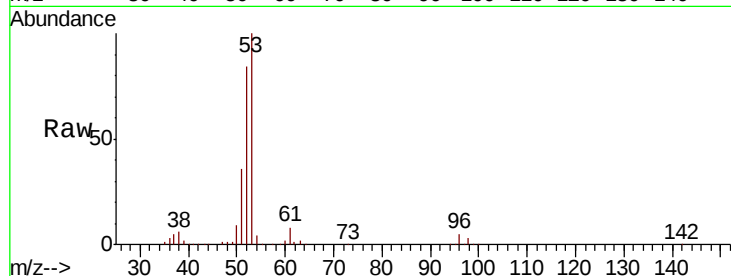
Tot Ion: 53 Resp: 282813

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

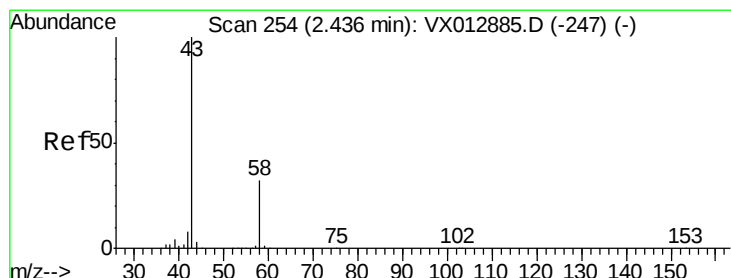
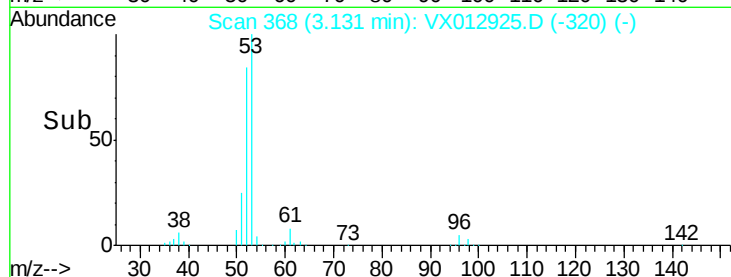
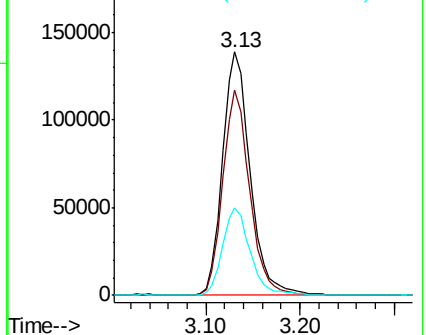
51 36.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 219.916 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012925.D

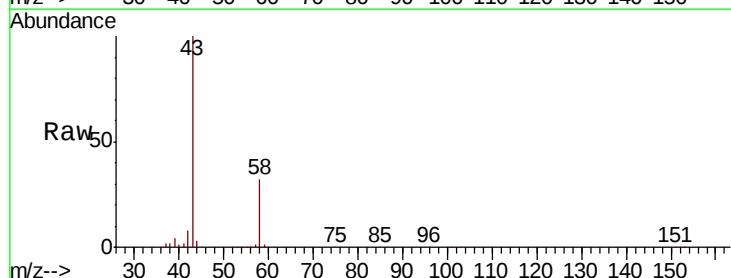
Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 248883

Ion Ratio Lower Upper

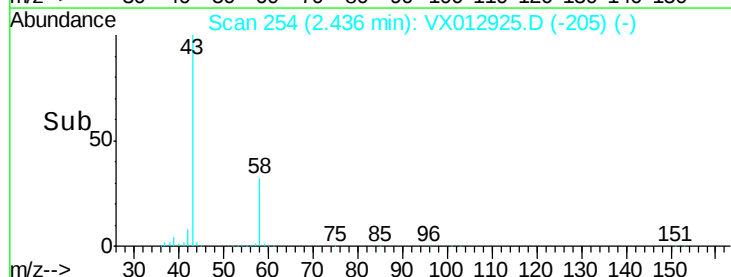
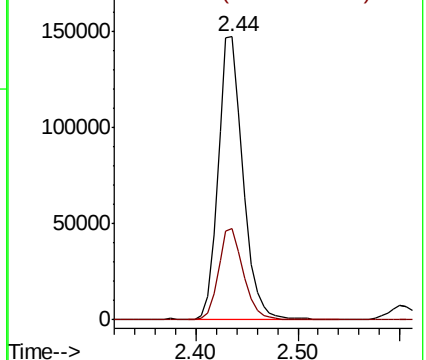
43 100

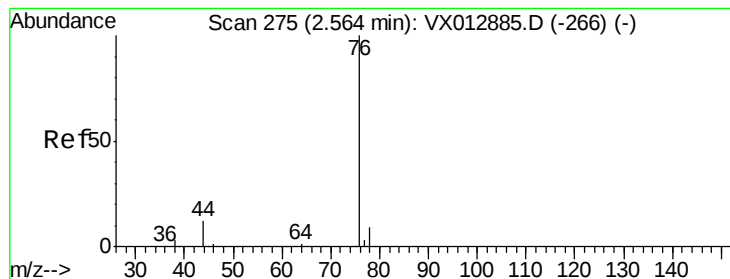
58 32.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.535 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

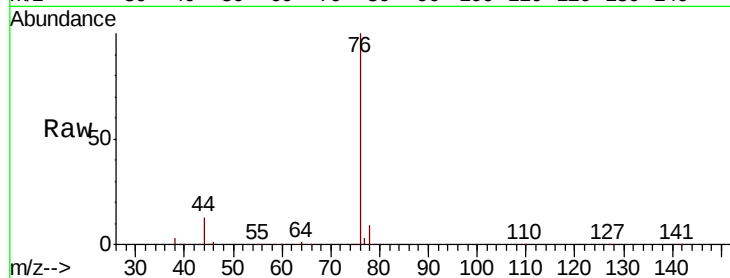
FC-MW10S-20191002MS

Tot Ion: 76 Resp: 235294

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

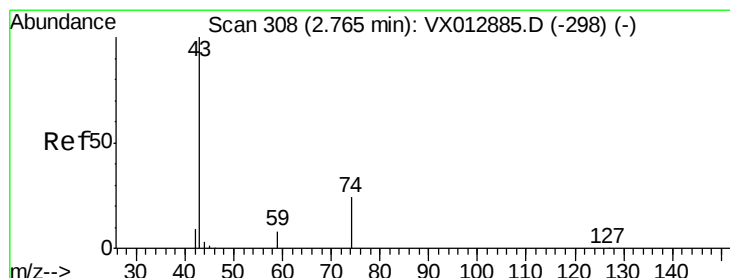
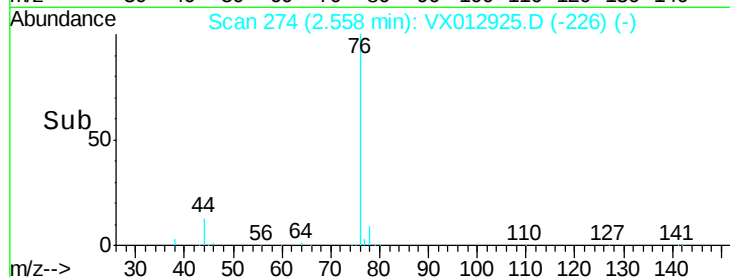
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.487 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012925.D

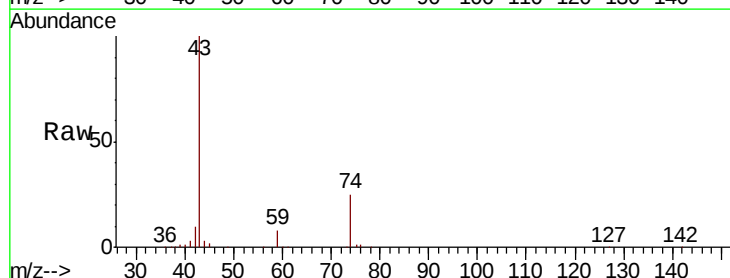
Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 122019

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

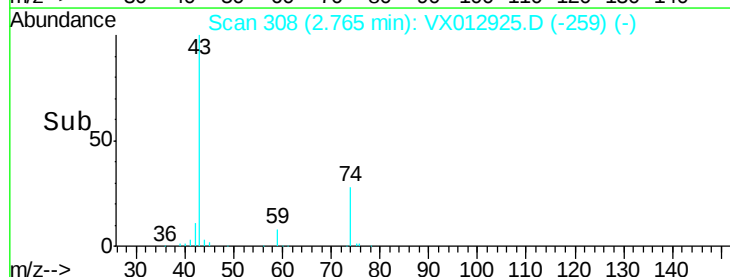
60000

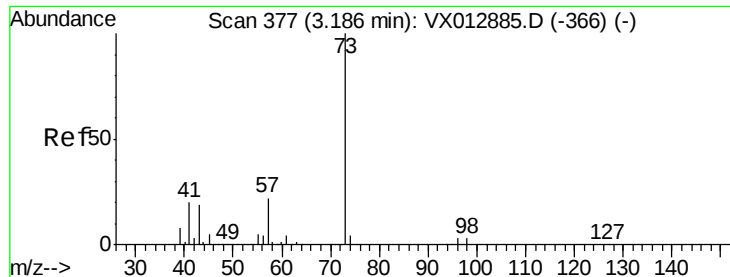
40000

20000

0

Time-->



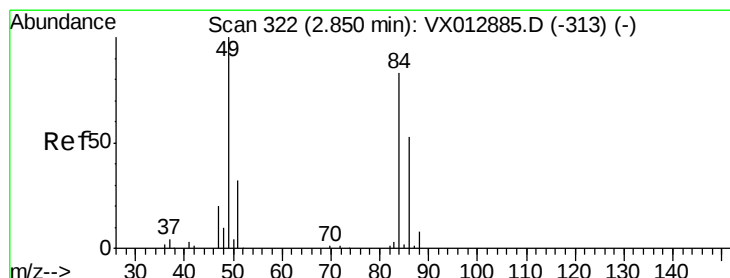
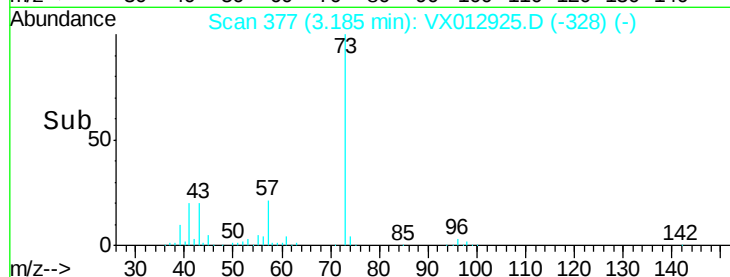
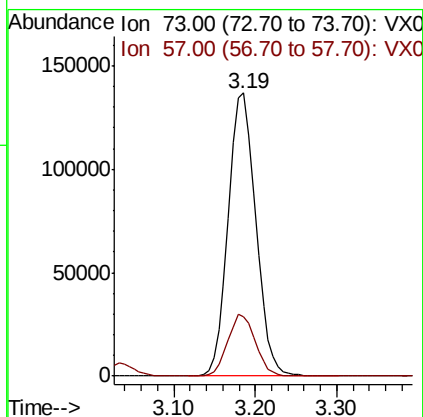
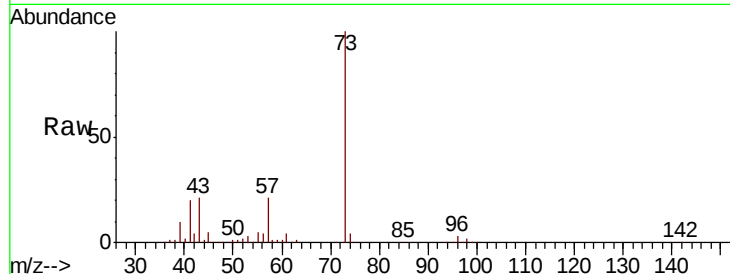


#19

Methyl tert-butyl Ether
 Concen: 53.363 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

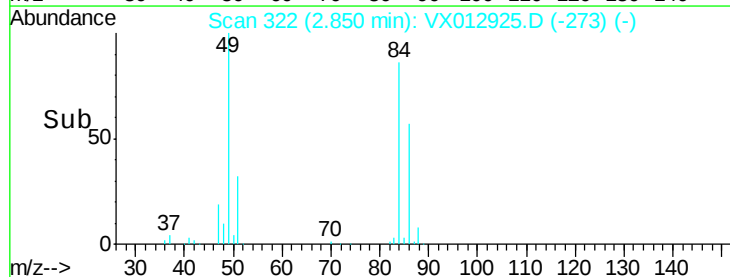
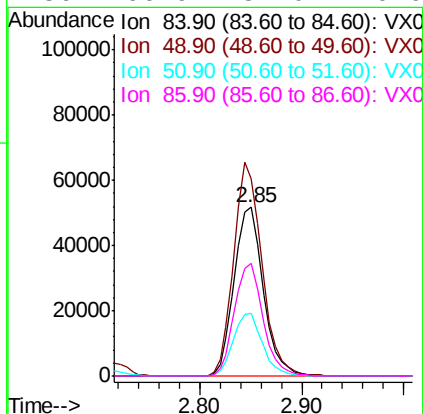
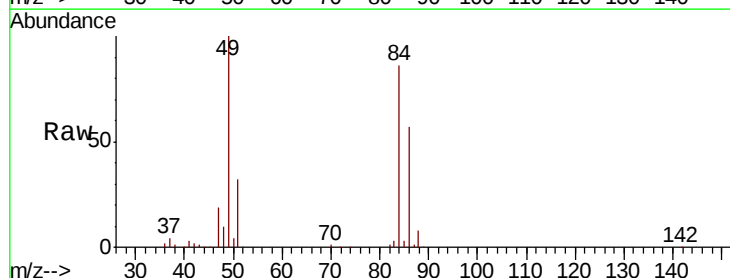
Tot Ion: 73 Resp: 319902
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

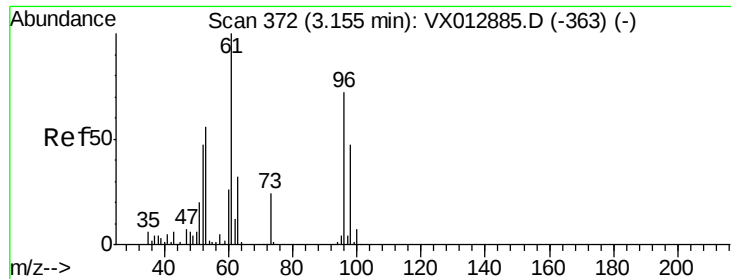


#20

Methylene Chloride
 Concen: 49.201 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 84 Resp: 102332
 Ion Ratio Lower Upper
 84 100
 49 116.6 96.6 144.8
 51 37.0 30.7 46.1
 86 66.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

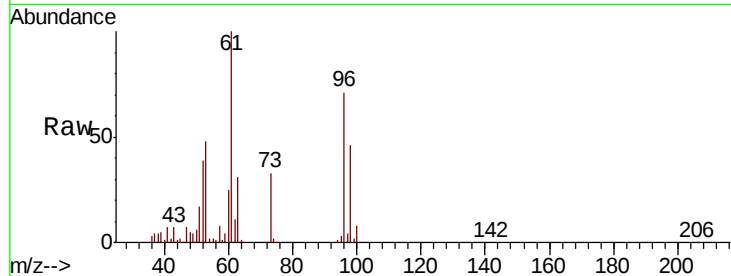
Tot Ion: 96 Resp: 96421

Ion Ratio Lower Upper

96 100

61 140.2 110.4 165.6

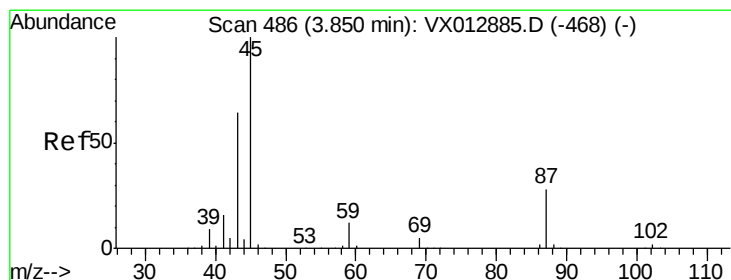
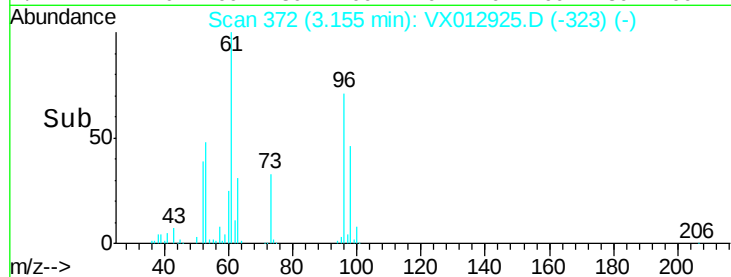
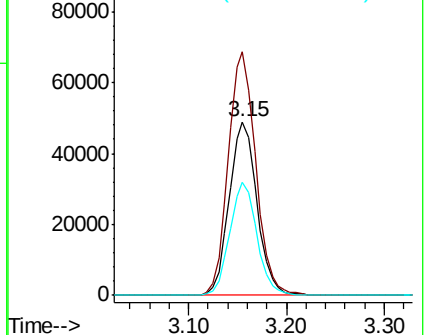
98 65.0 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.268 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion: 45 Resp: 315555

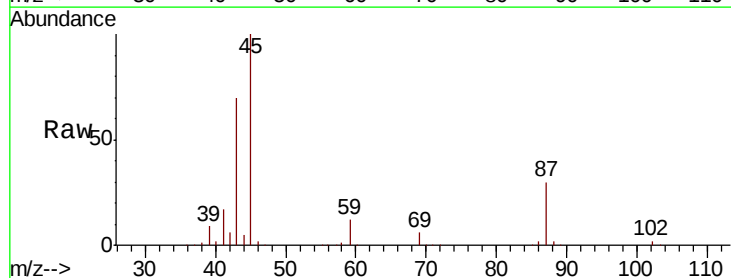
Ion Ratio Lower Upper

45 100

43 70.1 51.4 77.0

87 29.7 22.5 33.7

59 12.1 9.7 14.5

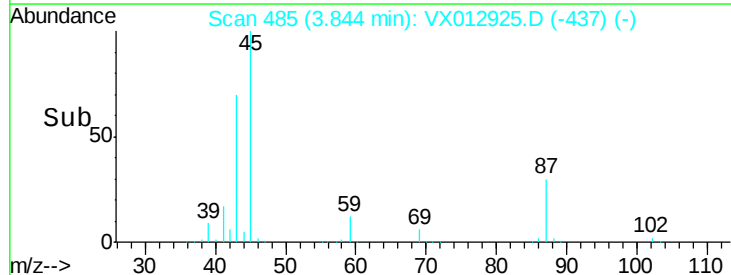
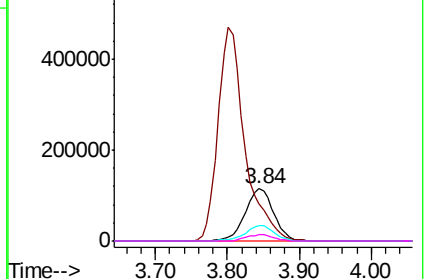


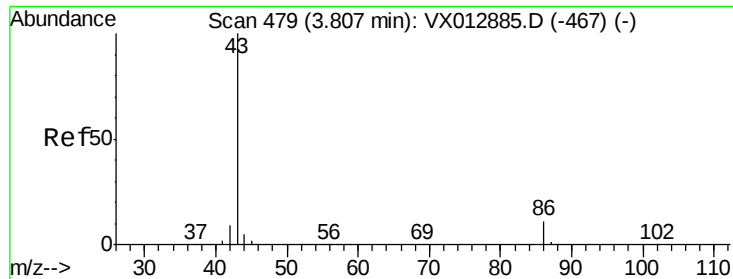
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 239.071 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

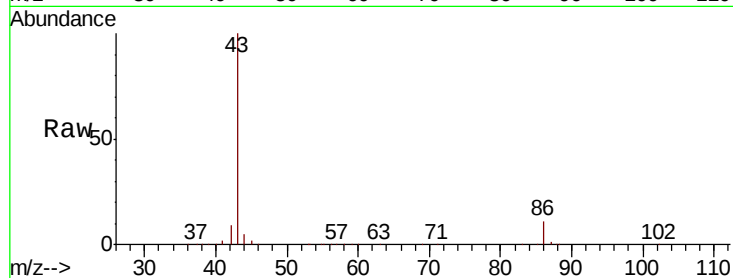
FC-MW10S-20191002MS

Tot Ion: 43 Resp: 1222592

Ion Ratio Lower Upper

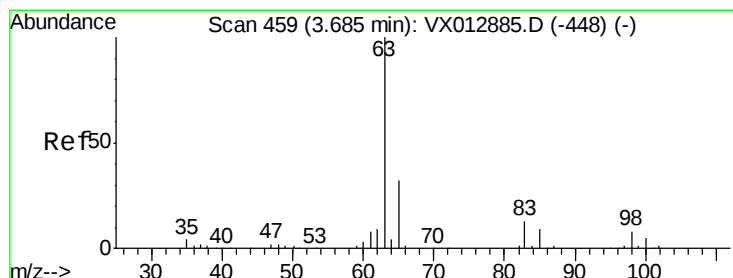
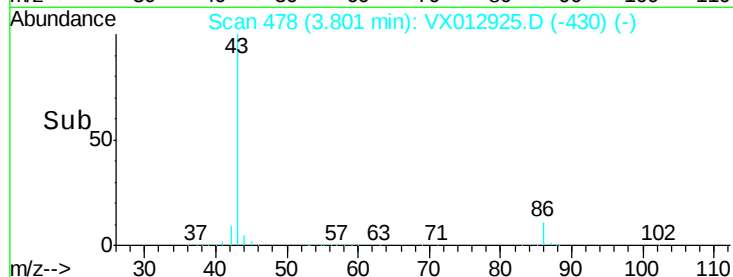
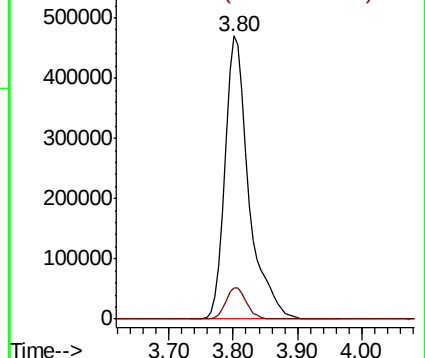
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.044 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

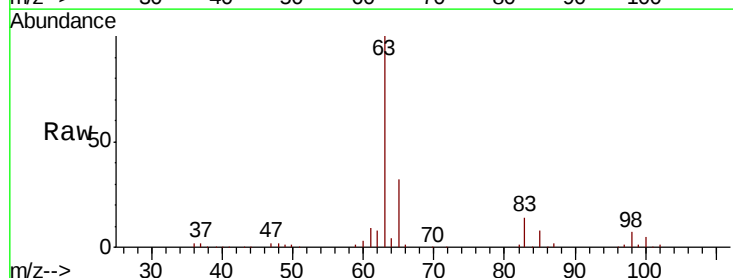
Tgt Ion: 63 Resp: 176775

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

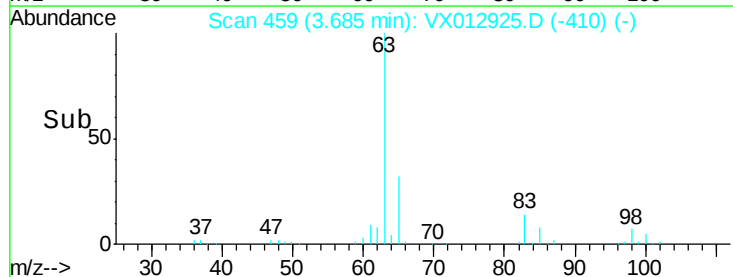
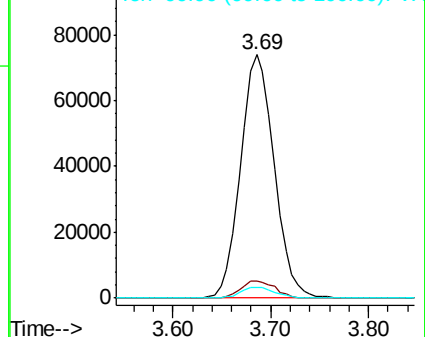
100 4.5 2.3 6.9

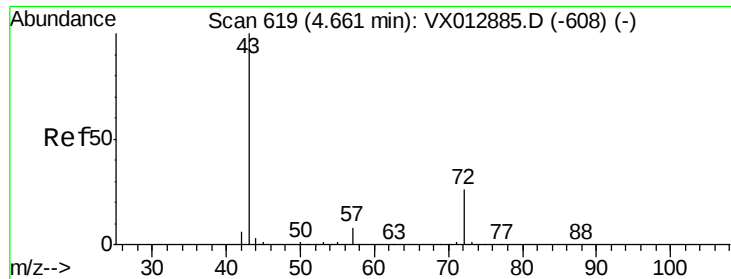


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.000 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

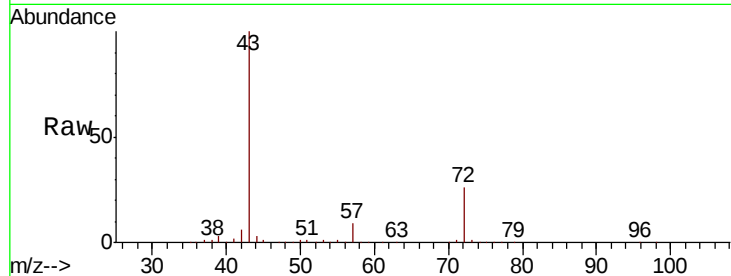
FC-MW10S-20191002MS

Tot Ion: 43 Resp: 387815

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

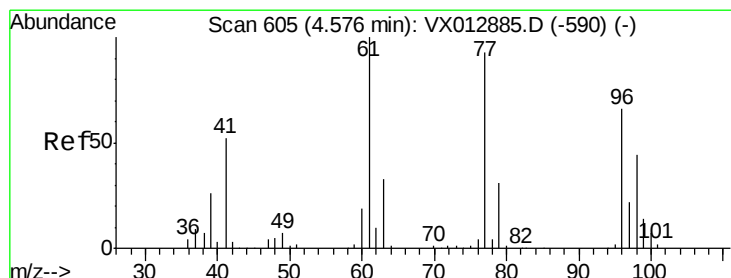
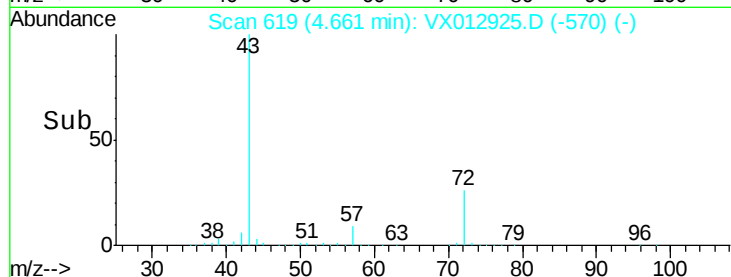
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.714 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012925.D

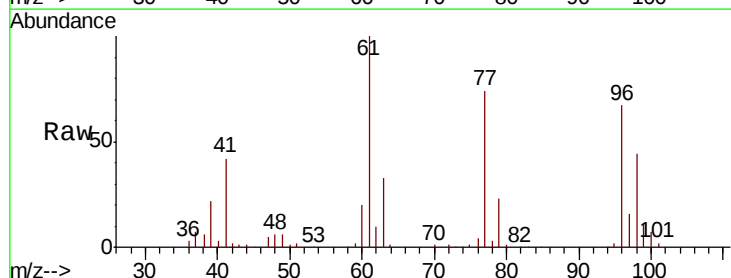
Acq: 09 Oct 2019 06:15

Tgt Ion: 77 Resp: 97285

Ion Ratio Lower Upper

77 100

97 24.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

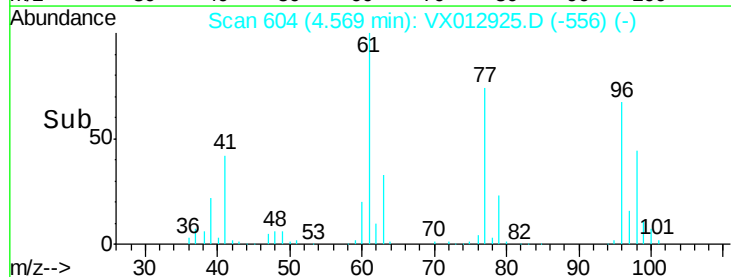
10000

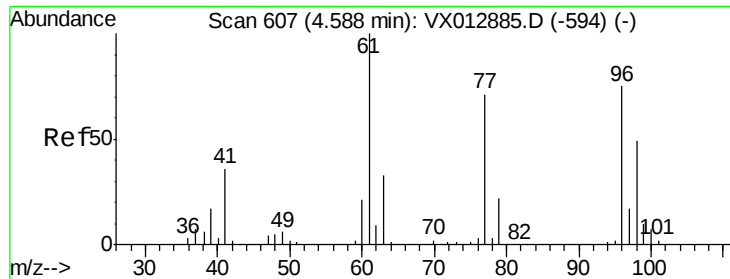
0

4.57

4.50 4.60 4.70

Time-->



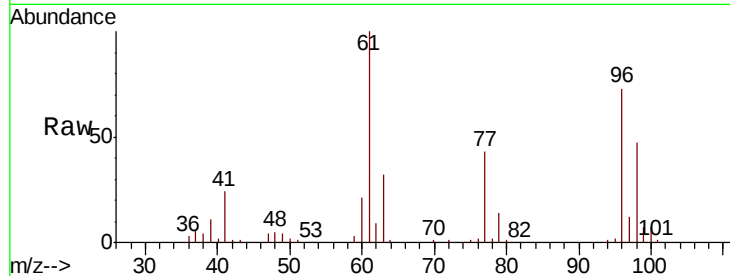


#27

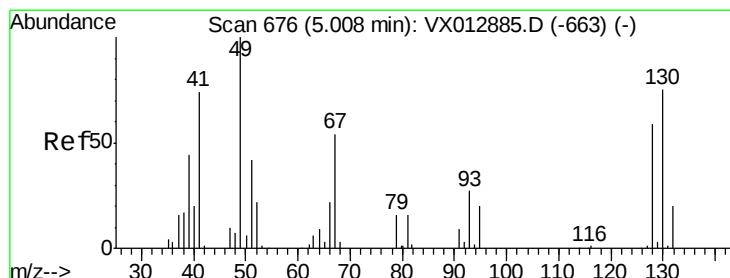
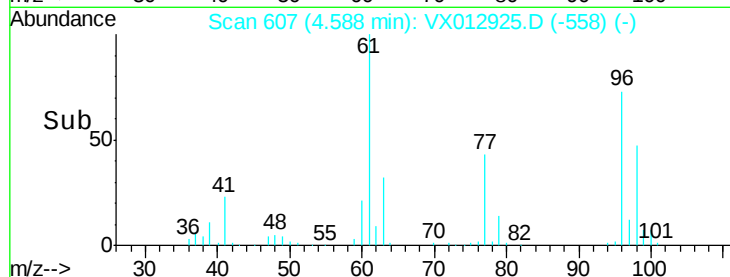
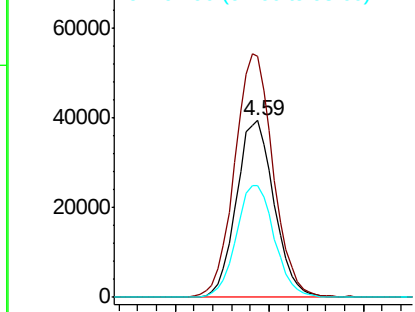
cis-1,2-Dichloroethene
Concen: 51.571 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	290.6
98	64.2	0.0	128.8



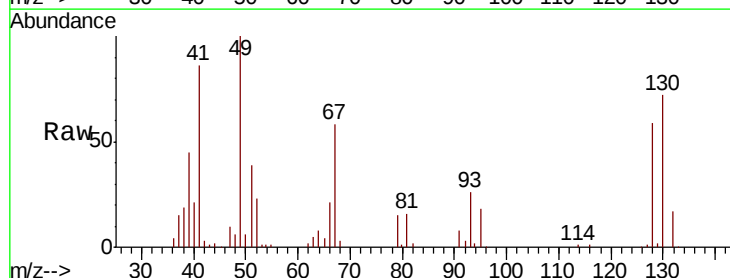
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



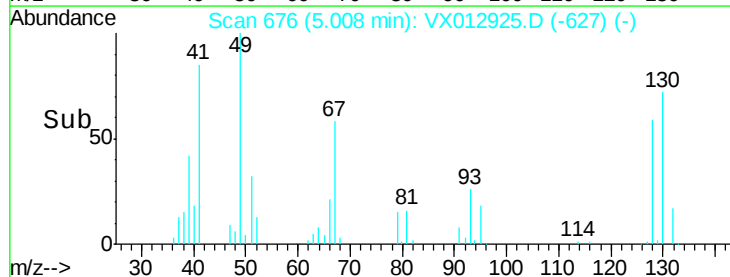
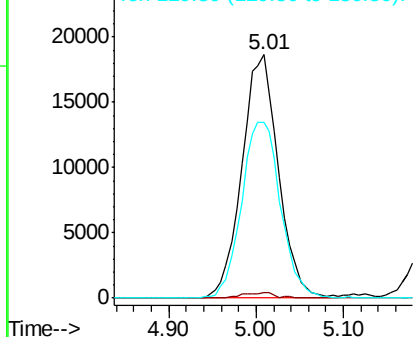
#28

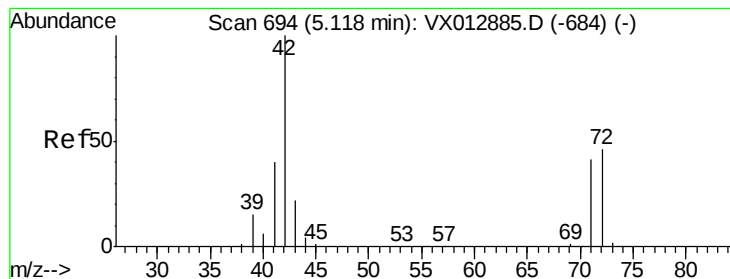
Bromochloromethane
Concen: 54.382 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	77.2	62.1	93.1



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





#29

Tetrahydrofuran

Concen: 264.240 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

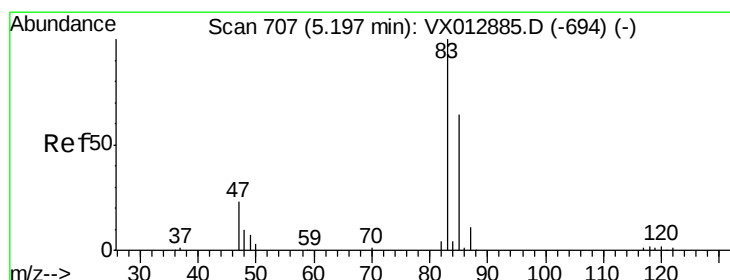
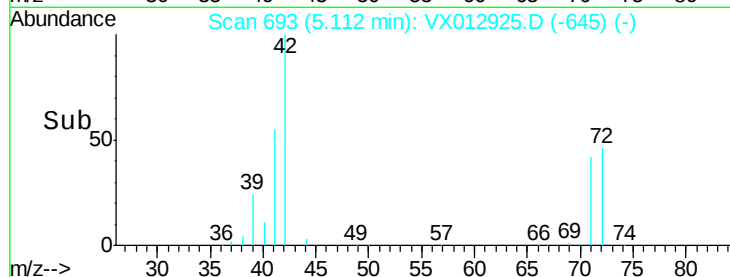
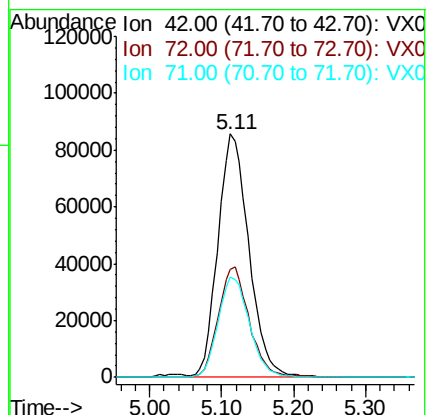
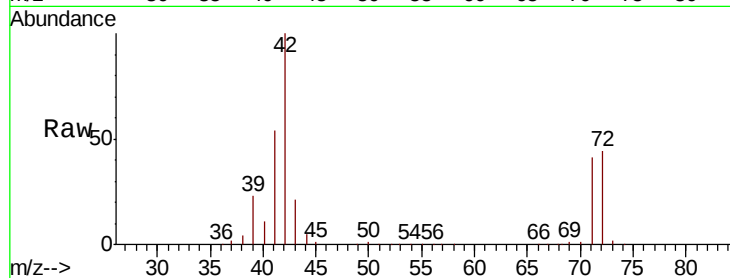
Tot Ion: 42 Resp: 255306

Ion Ratio Lower Upper

42 100

72 45.4 36.9 55.3

71 41.9 33.5 50.3



#30

Chloroform

Concen: 51.705 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012925.D

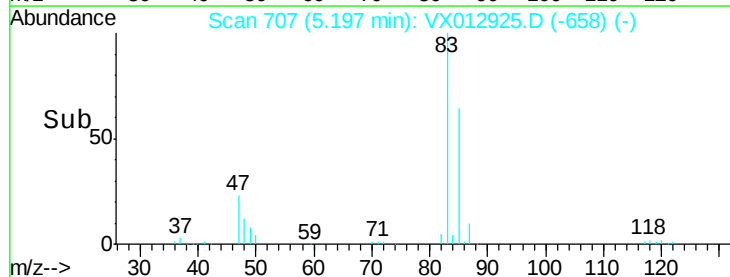
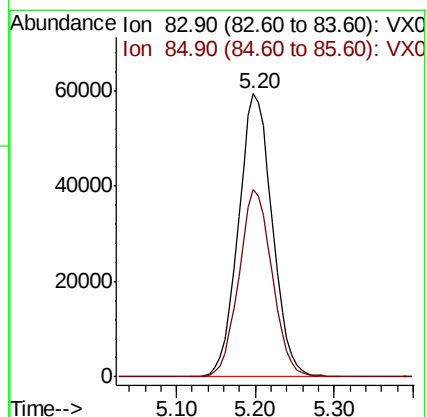
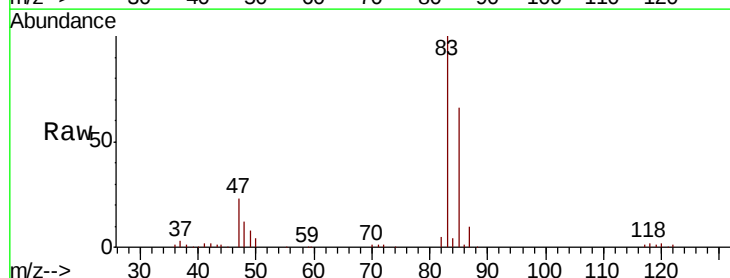
Acq: 09 Oct 2019 06:15

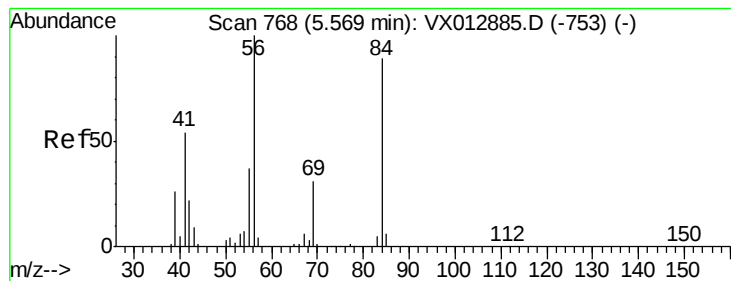
Tgt Ion: 83 Resp: 176809

Ion Ratio Lower Upper

83 100

85 66.0 51.5 77.3





#31

Cyclohexane

Concen: 49.867 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

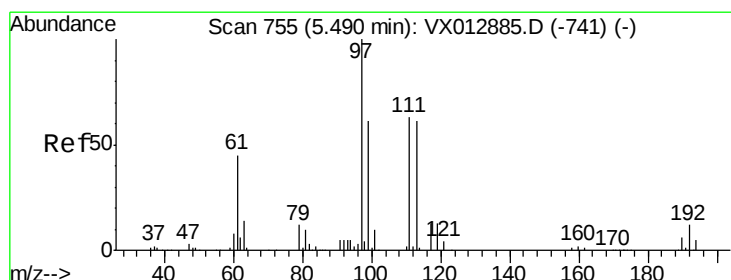
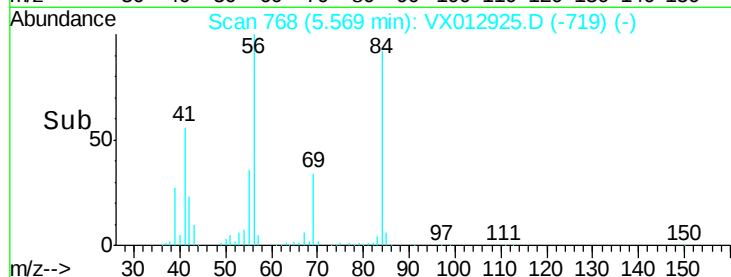
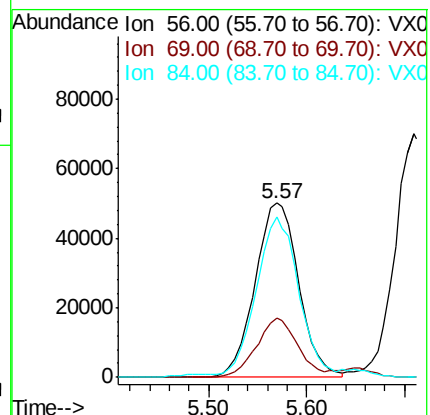
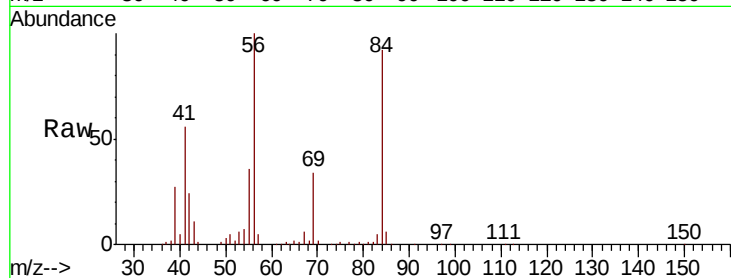
Tot Ion: 56 Resp: 155398

Ion Ratio Lower Upper

56 100

69 33.8 25.2 37.8

84 90.0 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 53.628 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

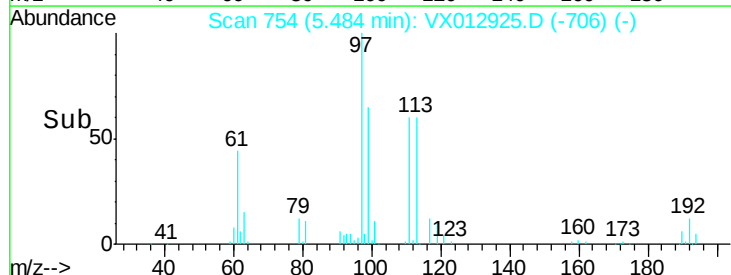
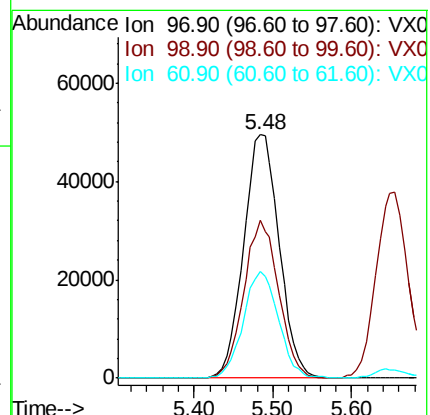
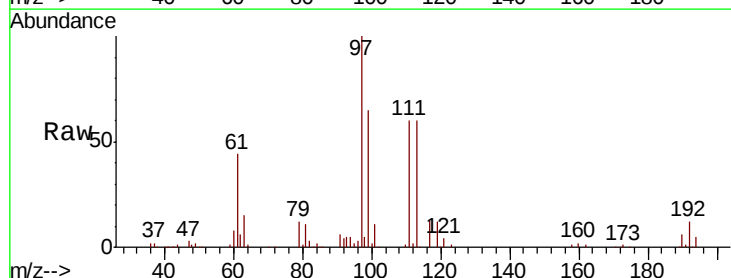
Tgt Ion: 97 Resp: 155381

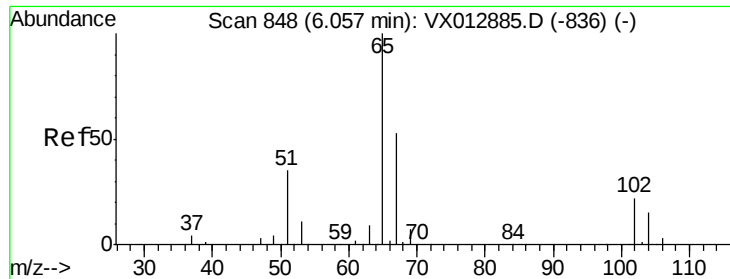
Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 43.2 35.0 52.4

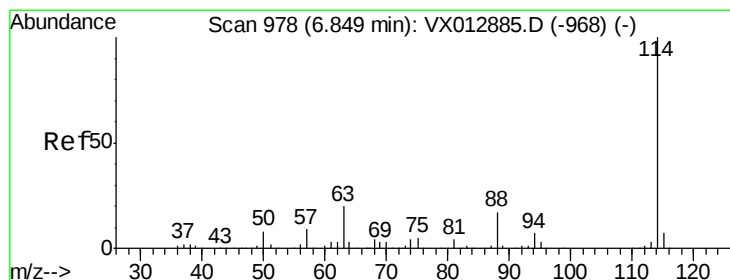
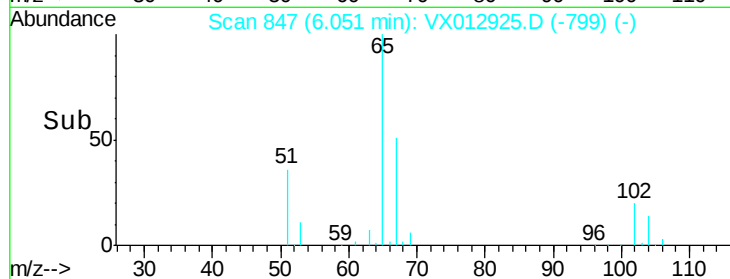
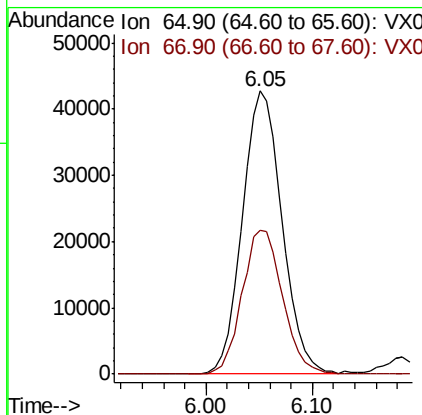
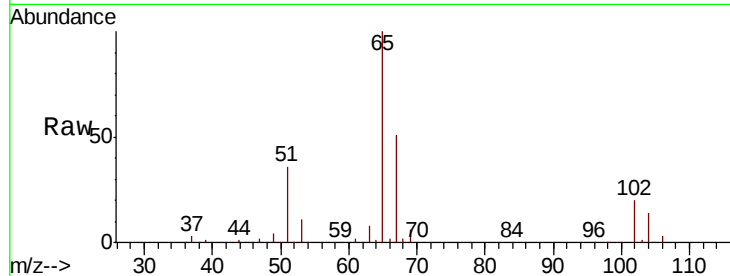




#33
 1,2-Dichloroethane-d4
 Concen: 52.057 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

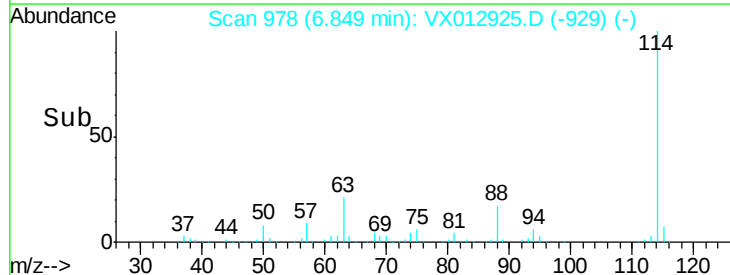
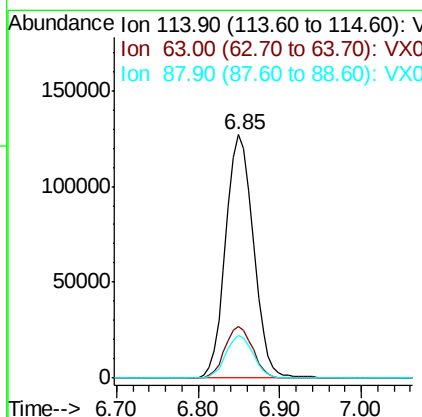
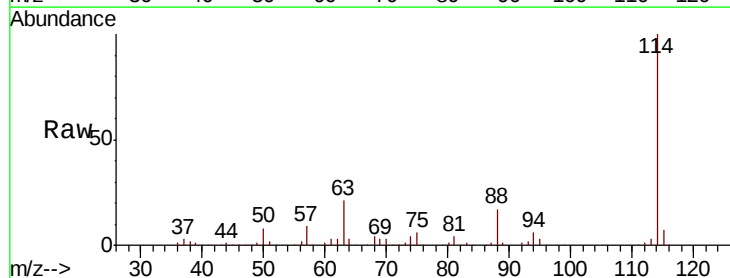
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

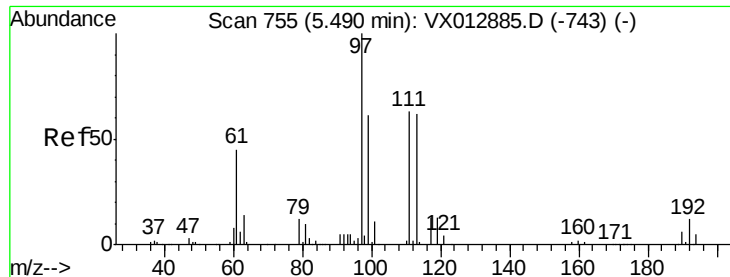
Tot Ion: 65 Resp: 111769
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 114 Resp: 299595
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 17.5 0.0 33.8

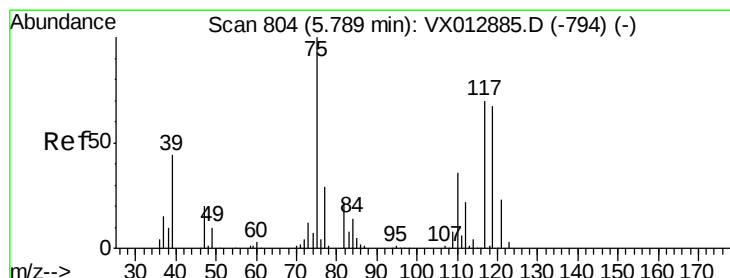
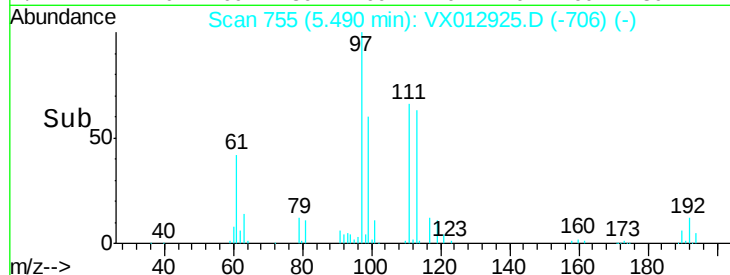
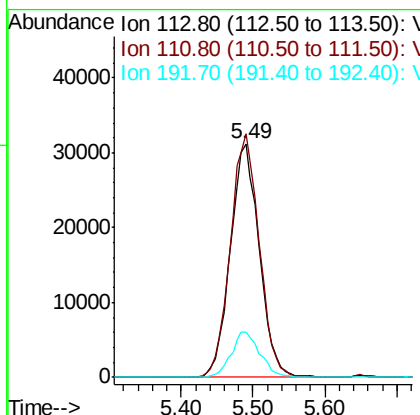
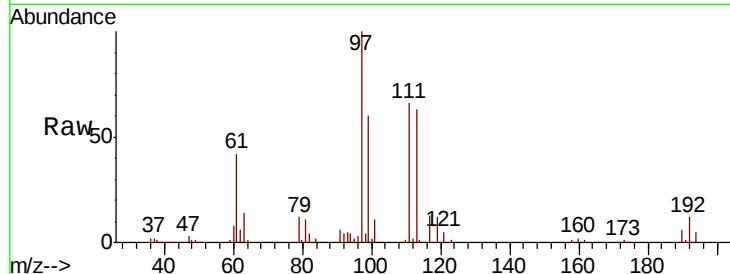




#35
 Dibromofluoromethane
 Concen: 50.601 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

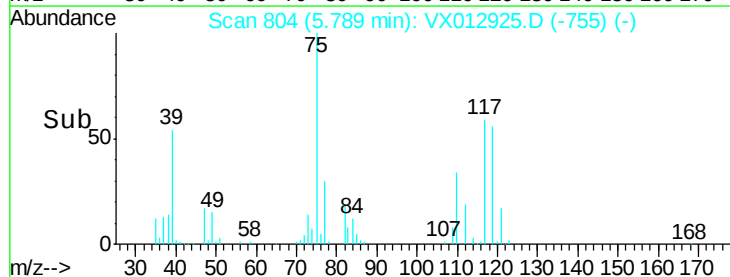
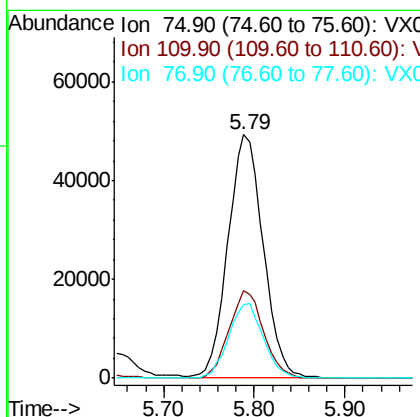
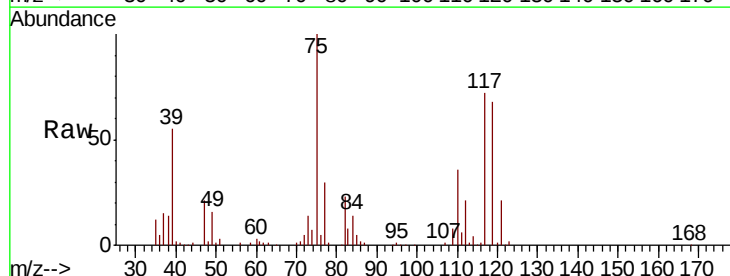
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

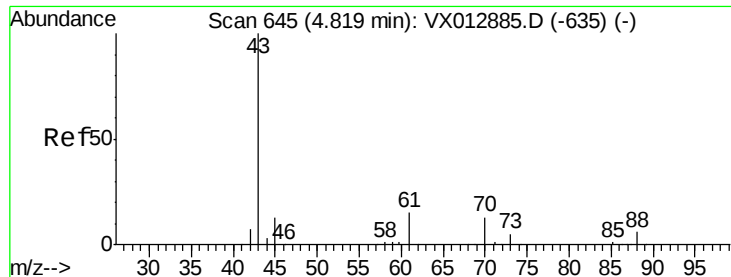
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.2	124.8
192	19.4	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 50.296 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	30.5	24.4	36.6

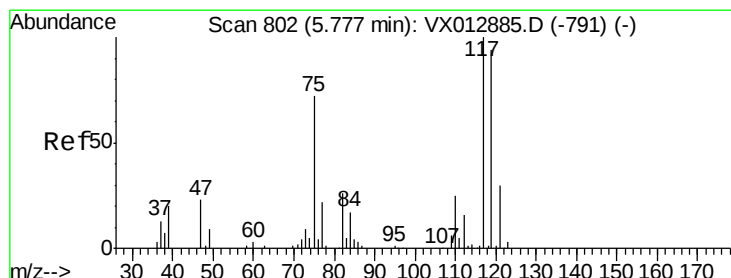
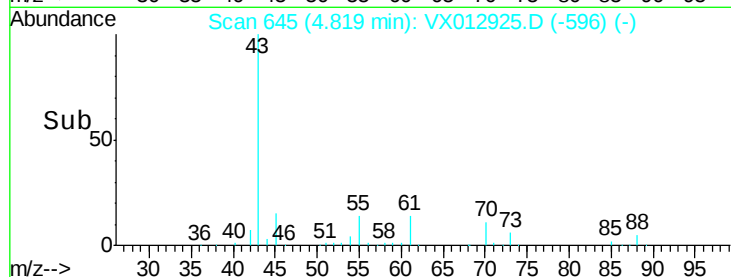
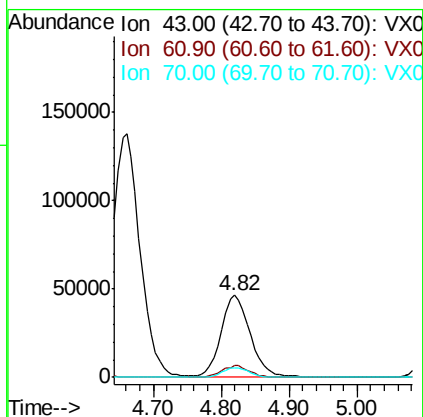
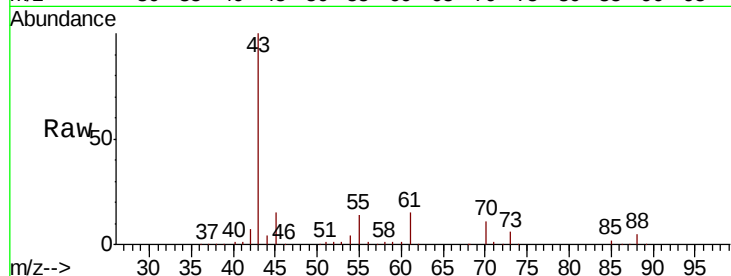




#37
Ethyl Acetate
Concen: 46.677 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

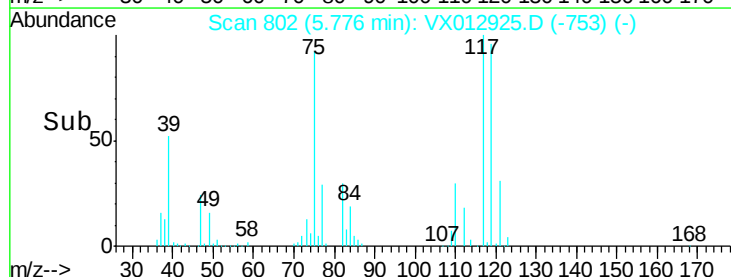
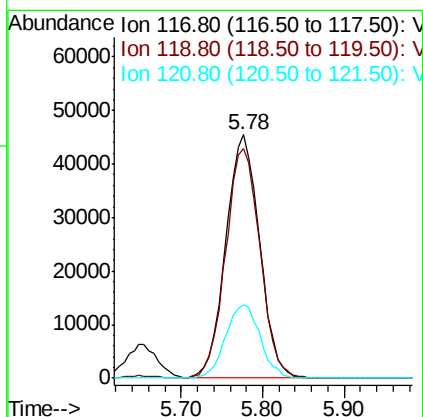
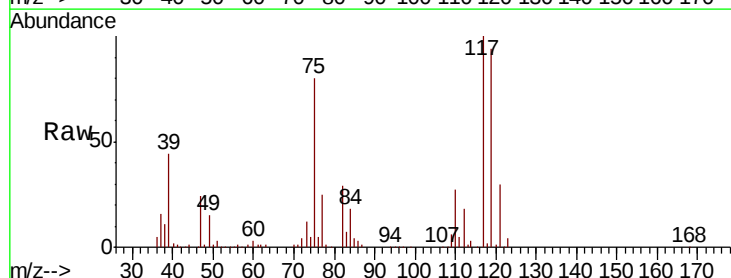
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

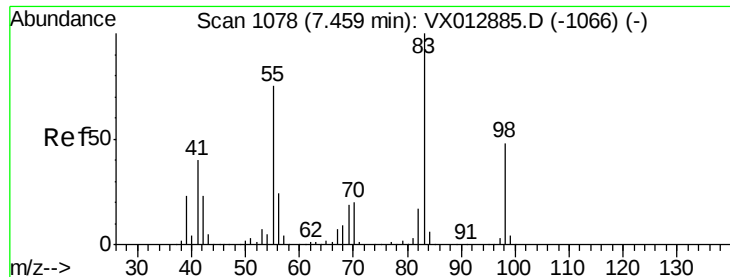
Tot Ion: 43 Resp: 137481
Ion Ratio Lower Upper
43 100
61 13.9 11.4 17.0
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.678 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 117 Resp: 129930
Ion Ratio Lower Upper
117 100
119 94.2 74.5 111.7
121 30.2 24.2 36.4

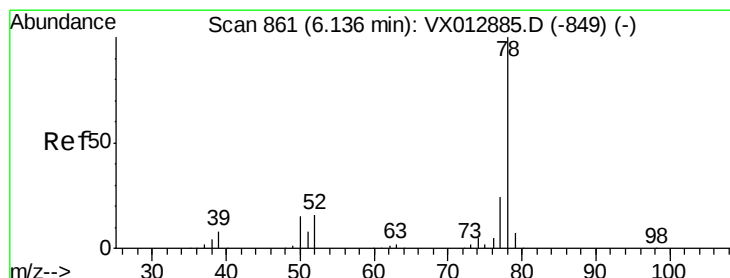
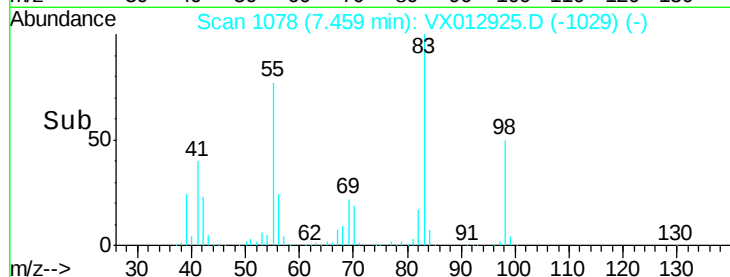
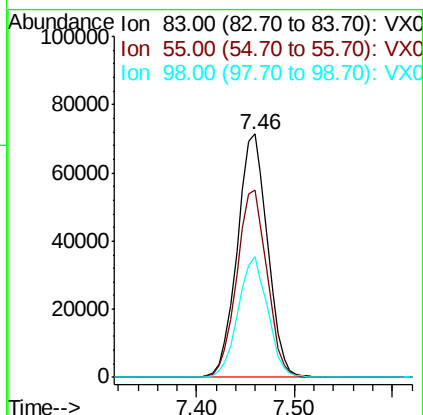
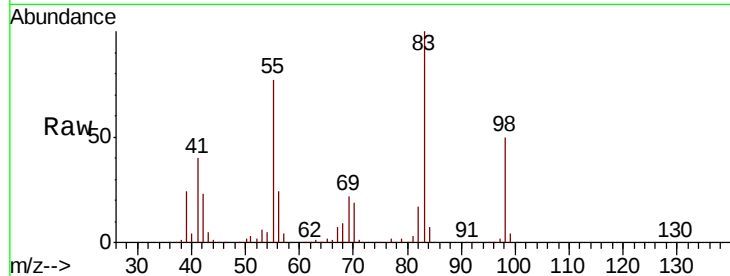




#39
Methvlcvclohexane
Concen: 48.120 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

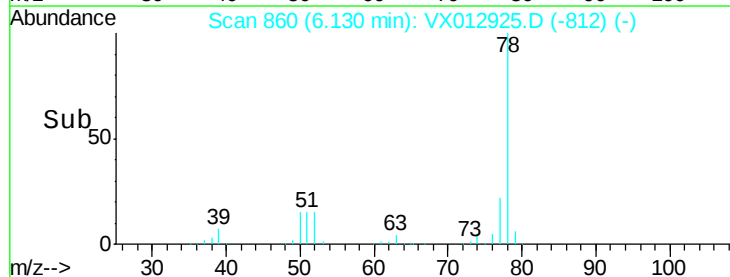
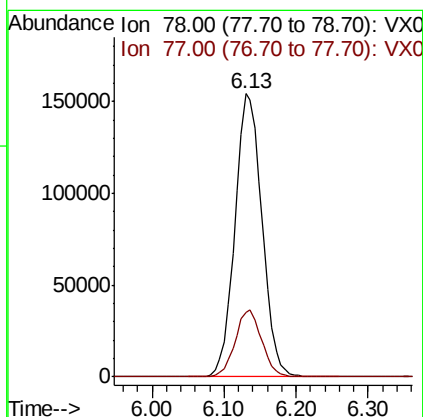
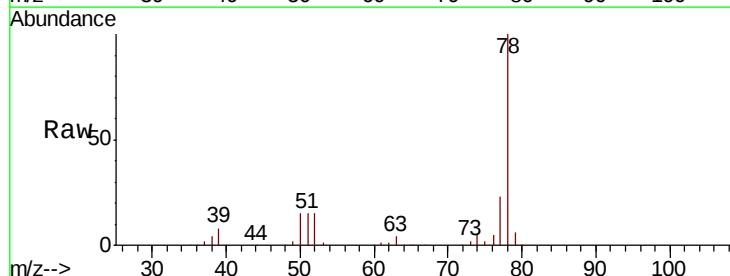
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 83 Resp: 153714
Ion Ratio Lower Upper
83 100
55 77.1 60.2 90.4
98 49.7 38.5 57.7



#40
Benzene
Concen: 51.735 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 78 Resp: 402481
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4

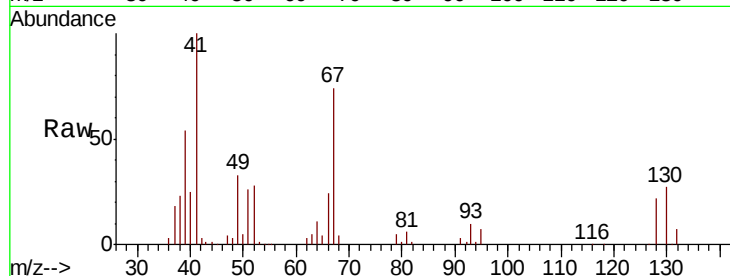




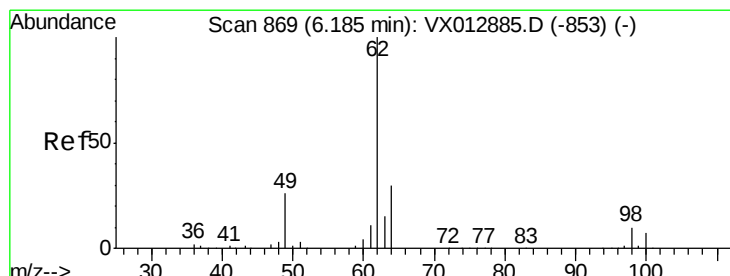
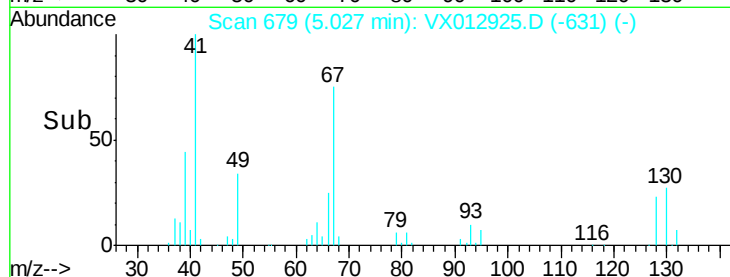
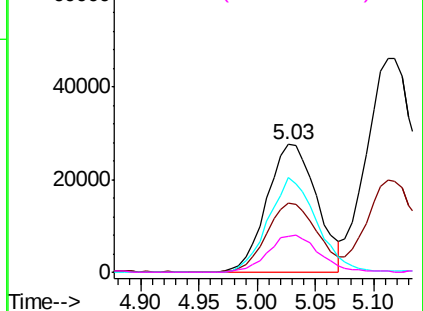
#41
Methacrylonitrile
Concen: 50.752 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion:	41	Resp:	82139
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	71.9	58.5	87.7
52	29.9	23.8	35.8

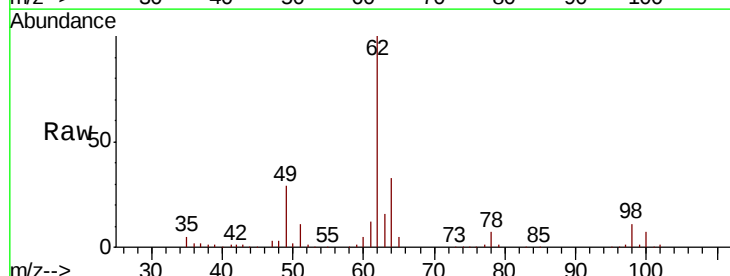


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

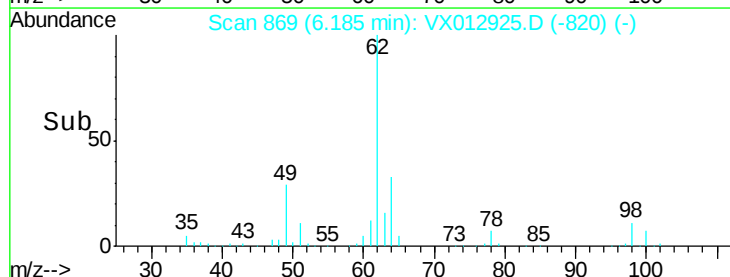
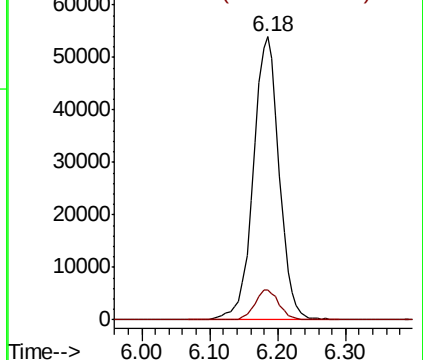


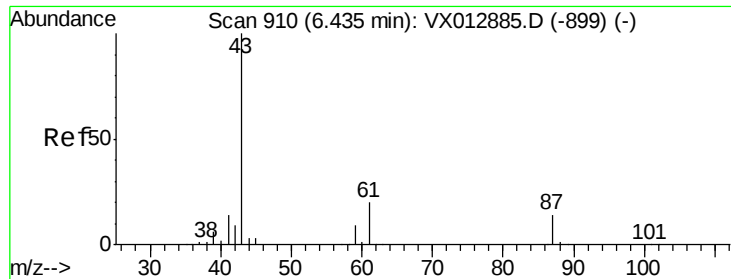
#42
1,2-Dichloroethane
Concen: 51.309 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:	62	Resp:	143235
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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



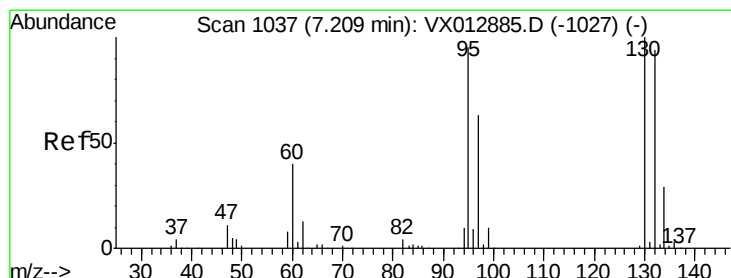
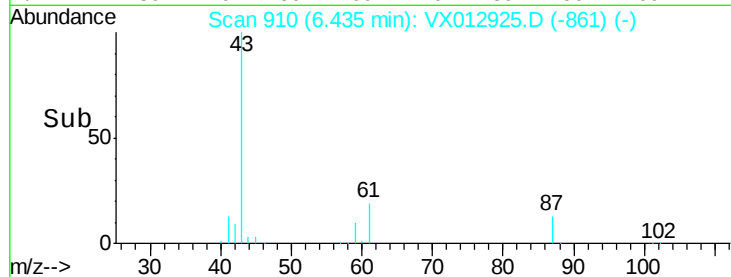
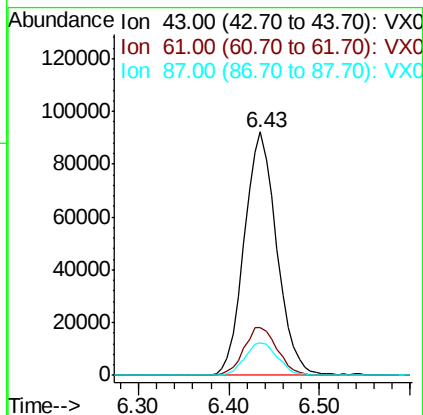
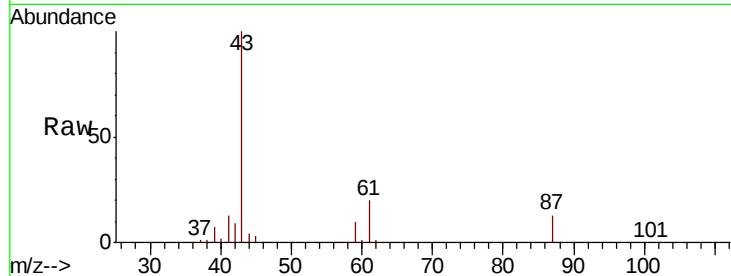


#43

Isopropyl Acetate
 Concen: 48.068 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

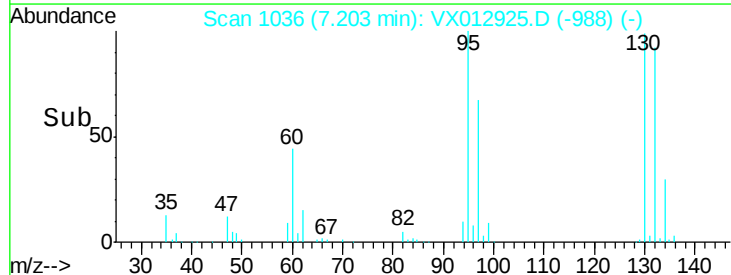
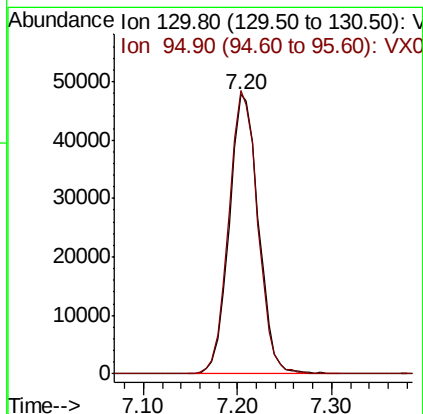
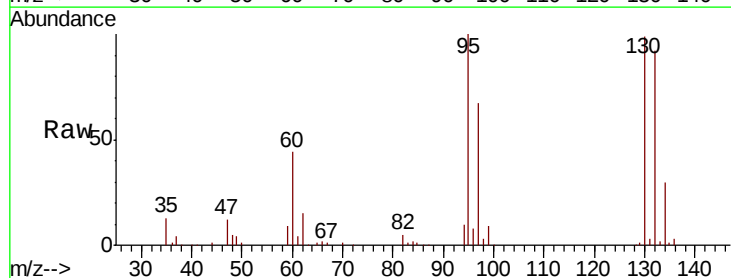
Tot Ion: 43 Resp: 227239
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.6 24.8
 87 13.7 11.0 16.6



#44

Trichloroethene
 Concen: 47.748 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 130 Resp: 103009
 Ion Ratio Lower Upper
 130 100
 95 101.4 0.0 189.2





#45

1,2-Dichloropropane

Concen: 51.476 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

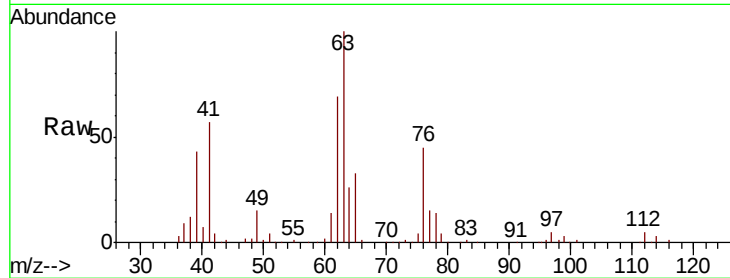
FC-MW10S-20191002MS

Tot Ion: 63 Resp: 102067

Ion Ratio Lower Upper

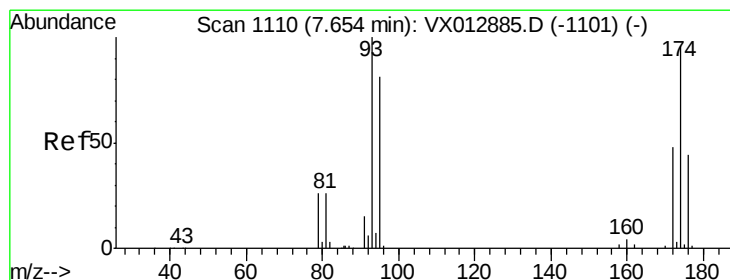
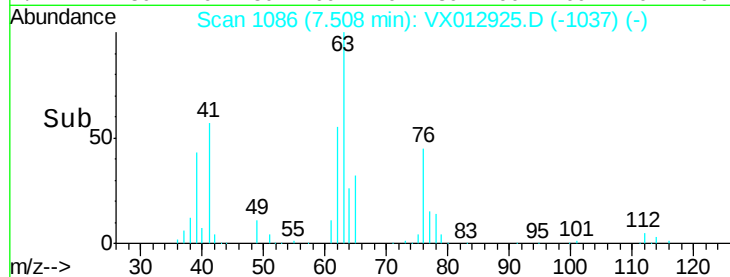
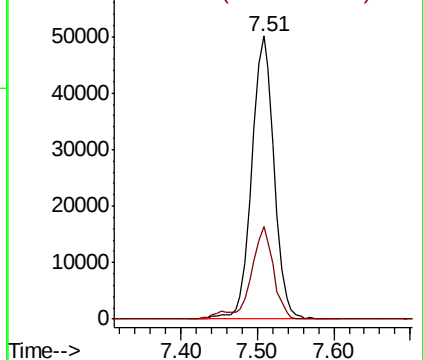
63 100

65 32.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.148 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

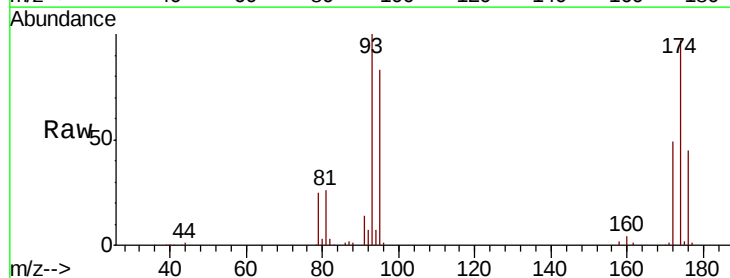
Tgt Ion: 93 Resp: 67569

Ion Ratio Lower Upper

93 100

95 84.8 66.3 99.5

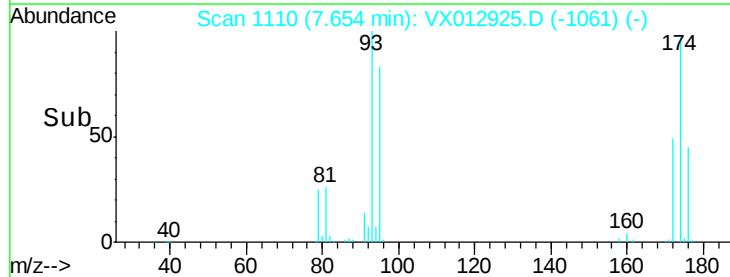
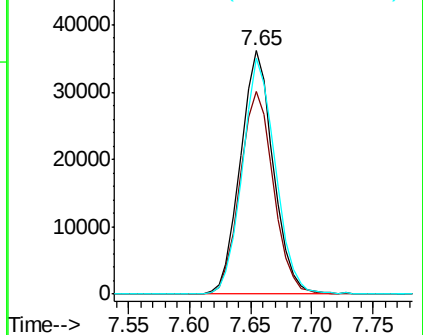
174 97.2 77.8 116.6

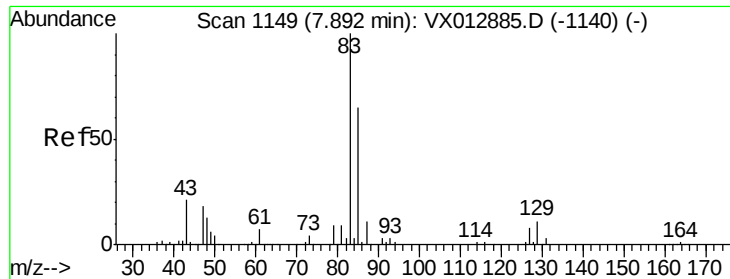


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.109 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

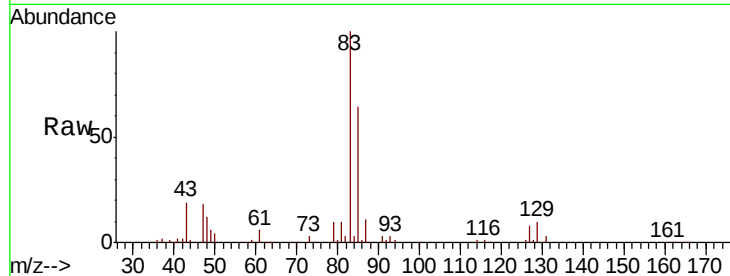
Tot Ion: 83 Resp: 134341

Ion Ratio Lower Upper

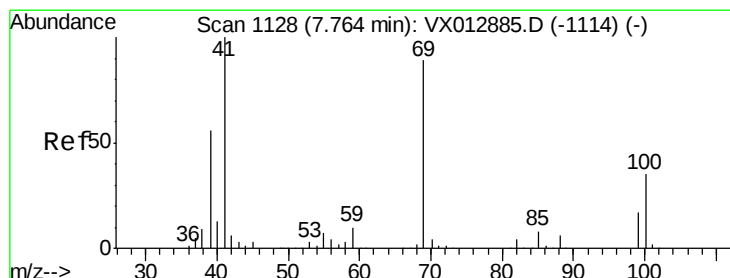
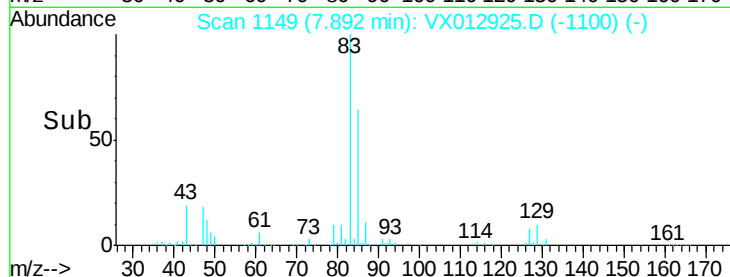
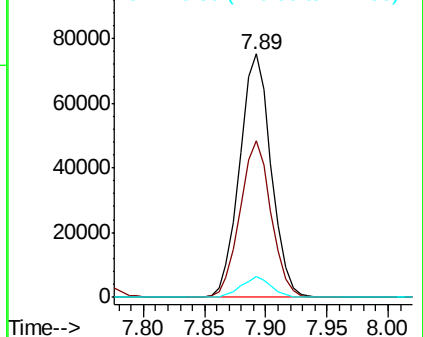
83 100

85 64.1 52.4 78.6

127 8.4 6.6 10.0



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



#48

Methyl methacrylate

Concen: 50.455 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

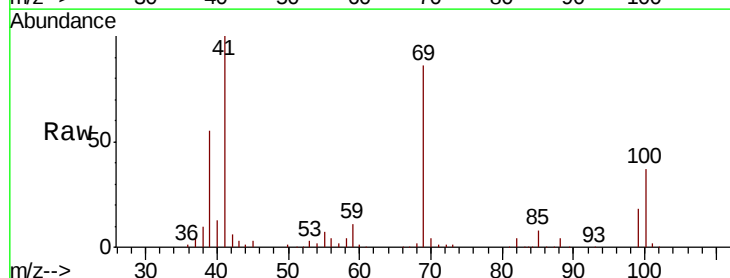
Tgt Ion: 41 Resp: 116234

Ion Ratio Lower Upper

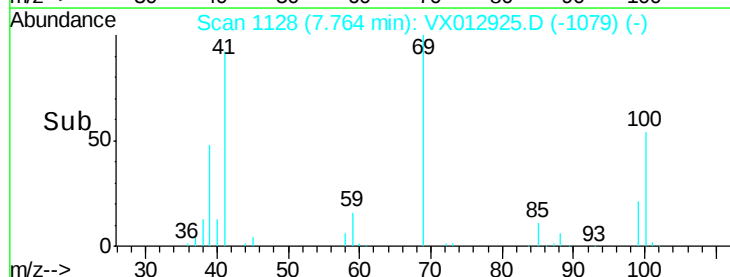
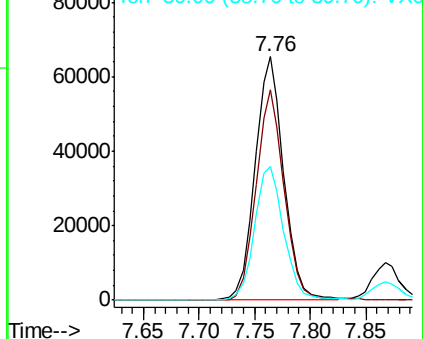
41 100

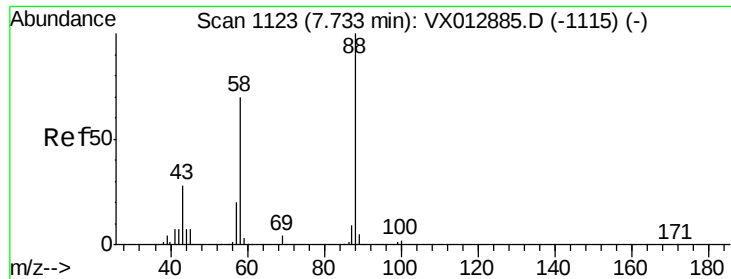
69 85.9 68.7 103.1

39 56.4 44.3 66.5



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





#49

1,4-Dioxane

Concen: 962.481 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

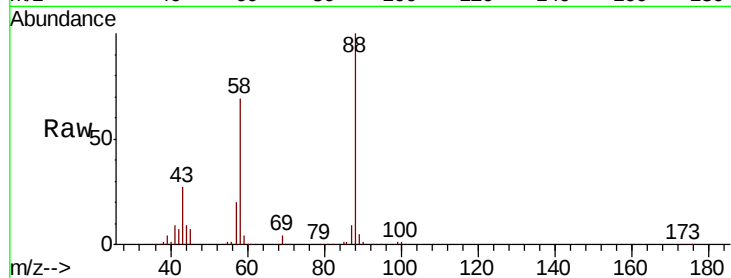
Tot Ion: 88 Resp: 59418

Ion Ratio Lower Upper

88 100

43 31.6 25.0 37.6

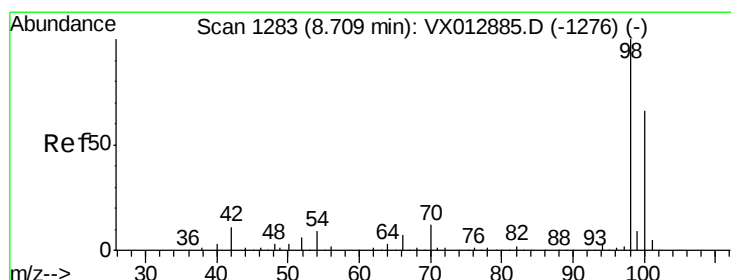
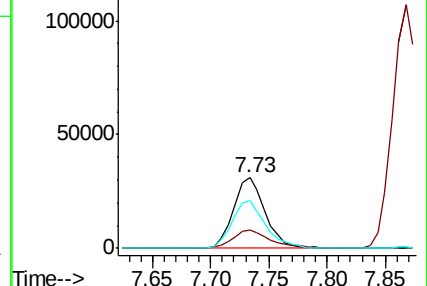
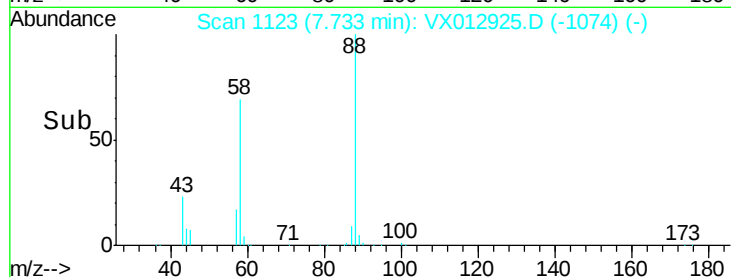
58 71.1 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.474 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012925.D

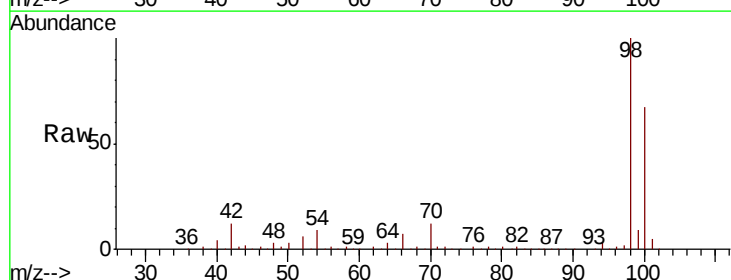
Acq: 09 Oct 2019 06:15

Tgt Ion: 98 Resp: 331799

Ion Ratio Lower Upper

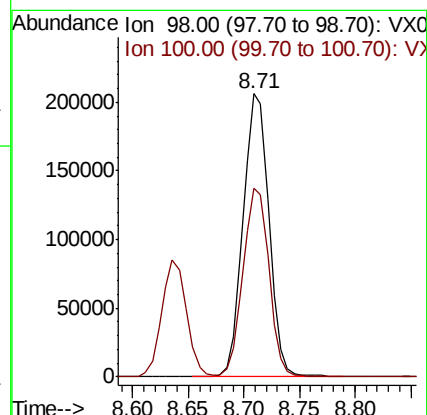
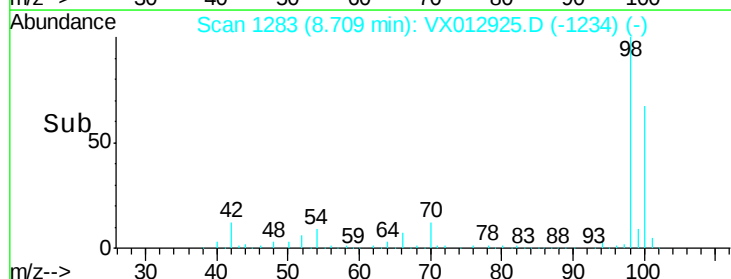
98 100

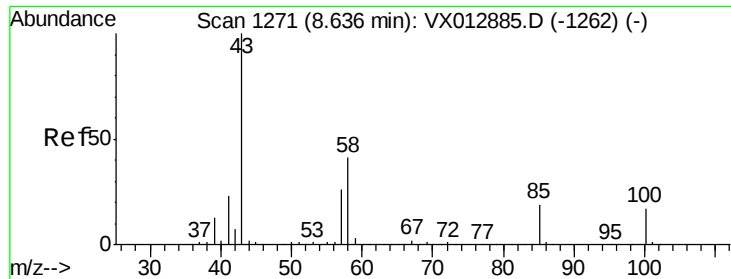
100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.097 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

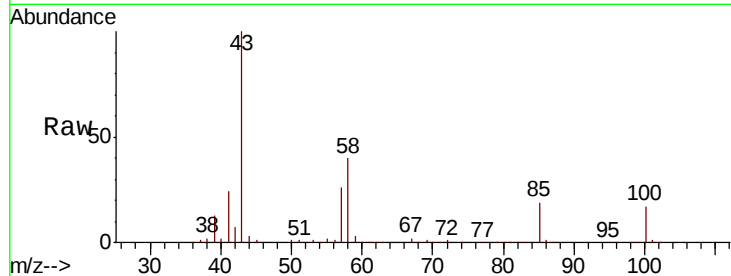
FC-MW10S-20191002MS

Tot Ion: 43 Resp: 757780

Ion Ratio Lower Upper

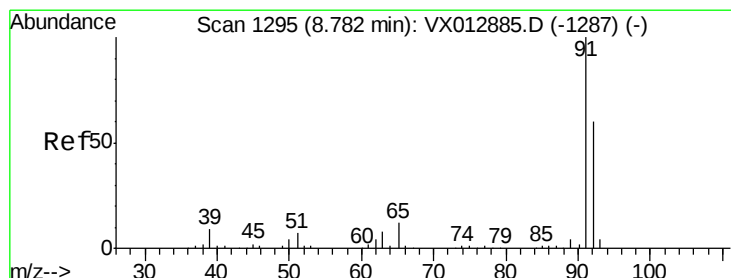
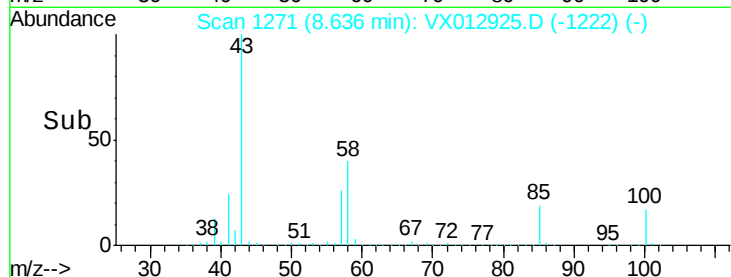
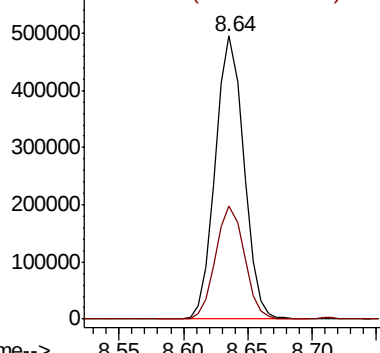
43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.121 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012925.D

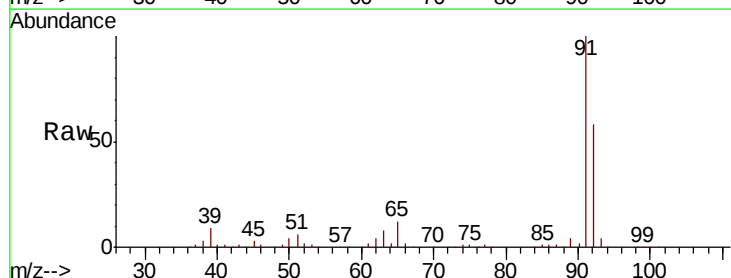
Acq: 09 Oct 2019 06:15

Tgt Ion: 92 Resp: 254436

Ion Ratio Lower Upper

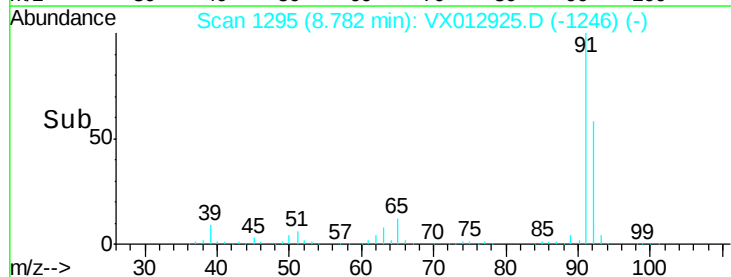
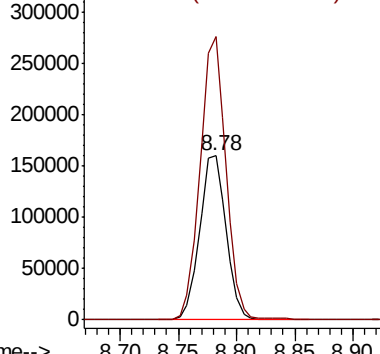
92 100

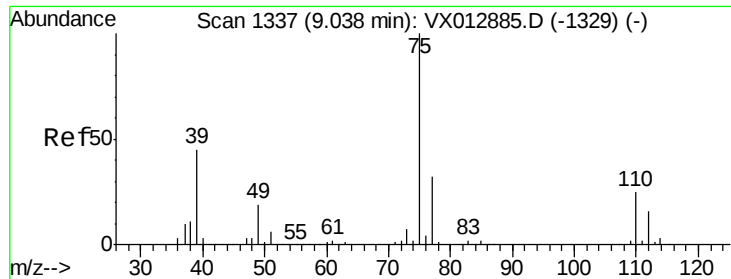
91 168.3 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

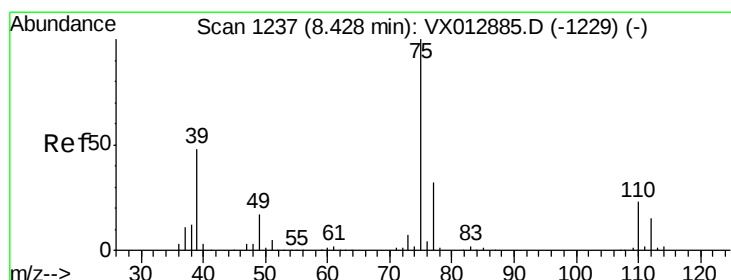
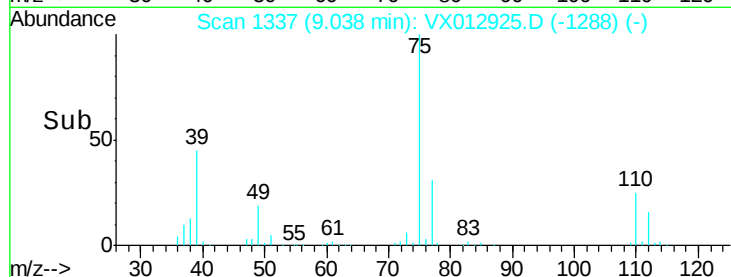
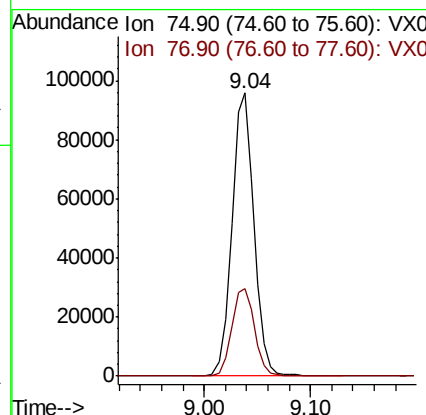
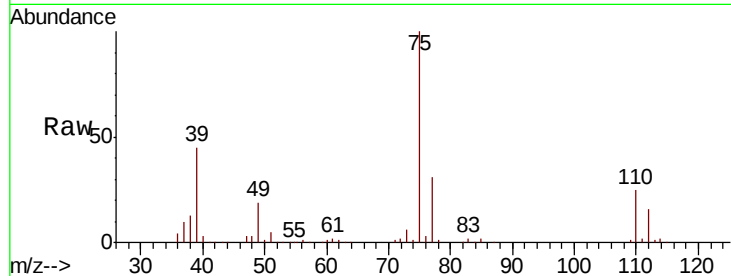




#53
 t-1,3-Dichloropropene
 Concen: 43.336 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

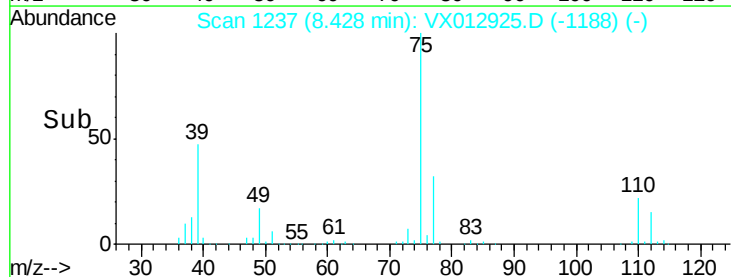
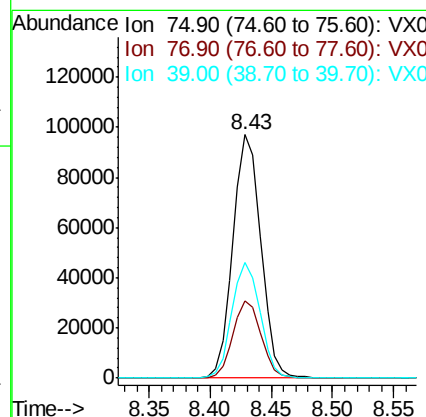
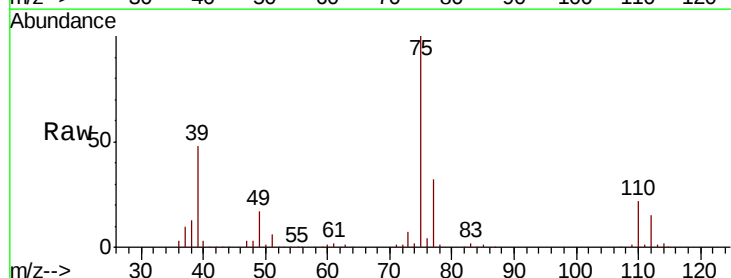
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

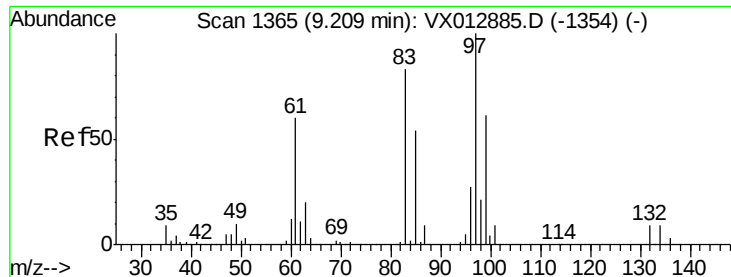
Tot Ion: 75 Resp: 138453
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.463 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 75 Resp: 153666
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 47.5 38.2 57.2

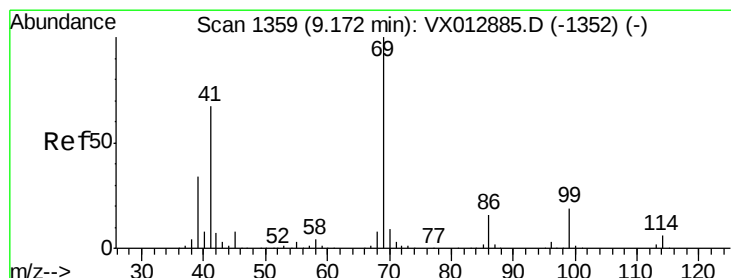
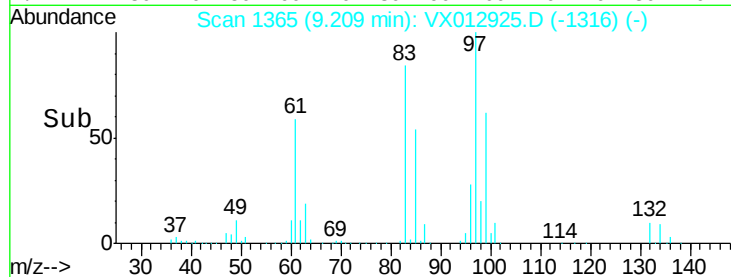
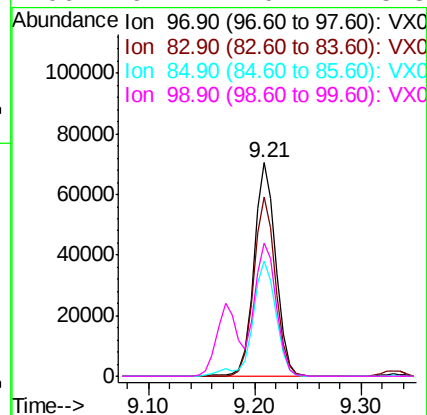
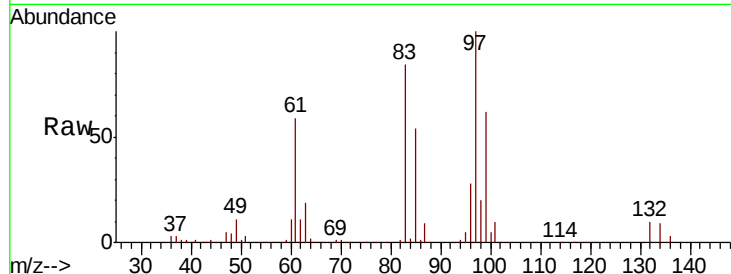




#55
 1,1,2-Trichloroethane
 Concen: 51.231 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

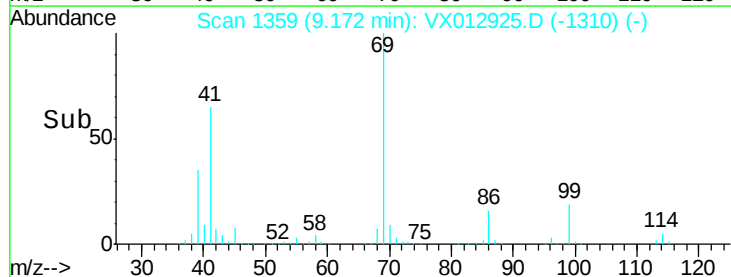
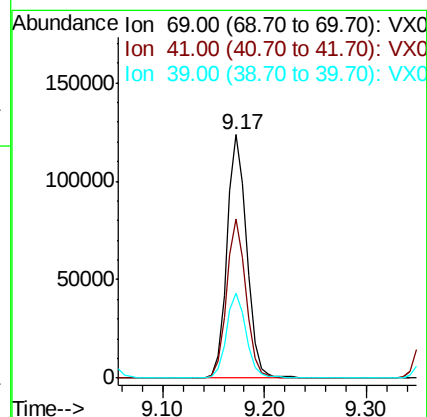
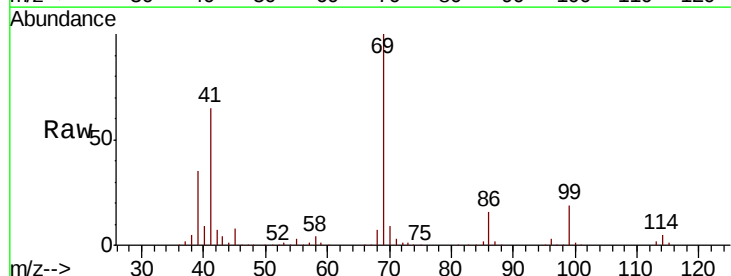
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

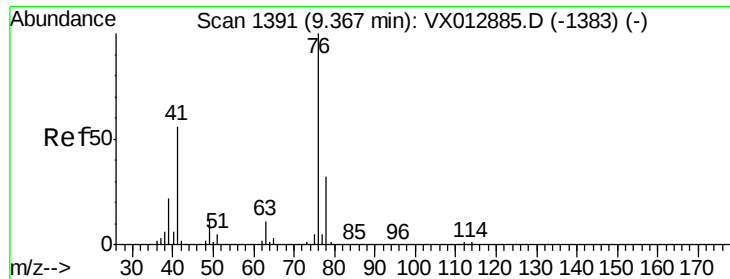
Tot Ion:	97	Resp:	100908
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.5	99.7
85	54.1	43.1	64.7
99	62.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 47.197 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion:	69	Resp:	166089
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.1	78.1
39	35.2	27.8	41.8





#57

1,3-Dichloropropane

Concen: 51.313 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

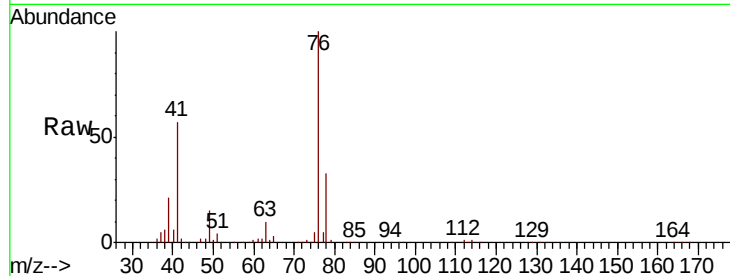
FC-MW10S-20191002MS

Tot Ion: 76 Resp: 174832

Ion Ratio Lower Upper

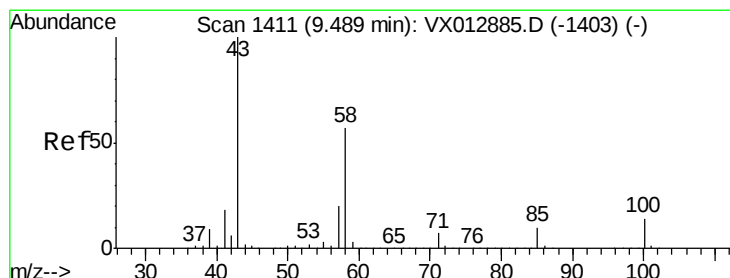
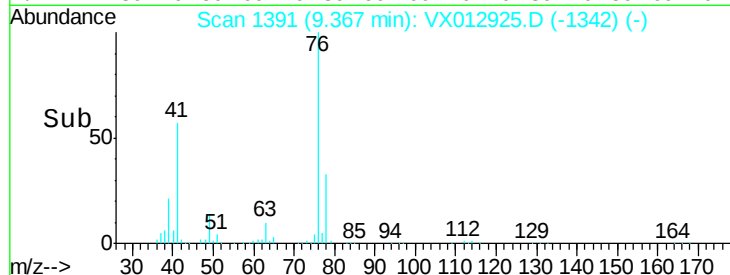
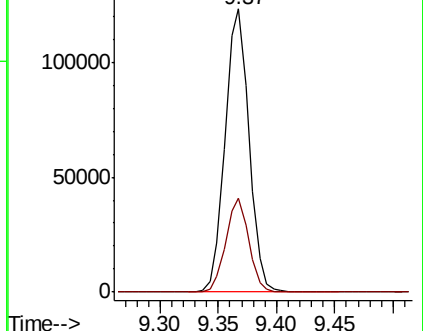
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 253.847 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012925.D

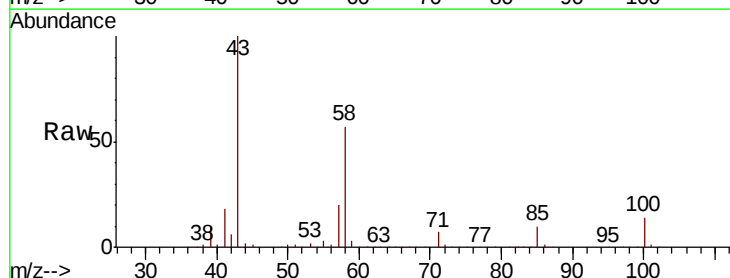
Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 582427

Ion Ratio Lower Upper

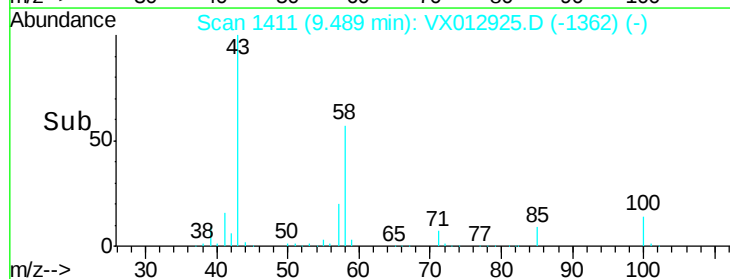
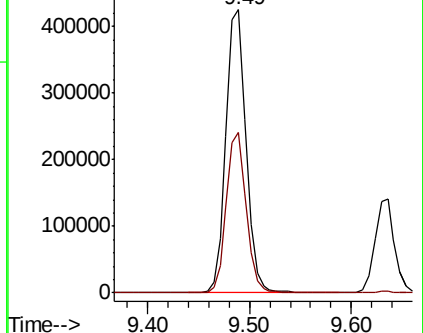
43 100

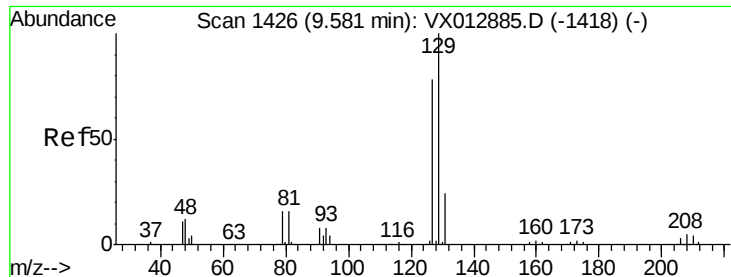
58 55.9 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

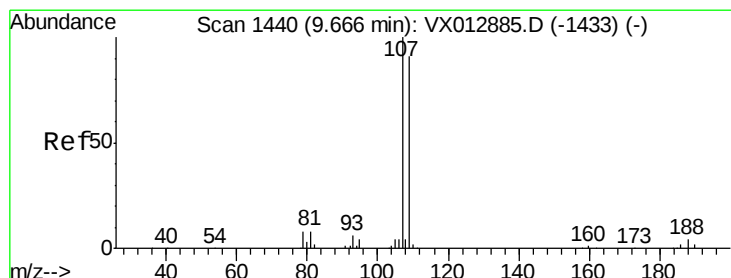
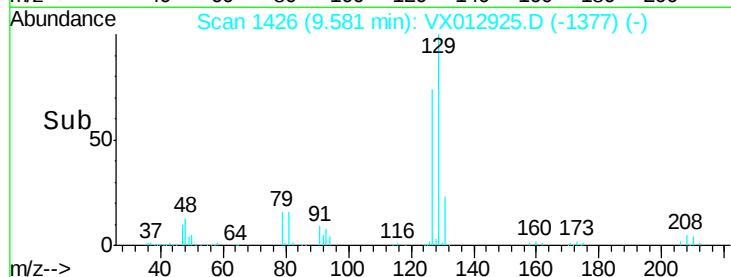
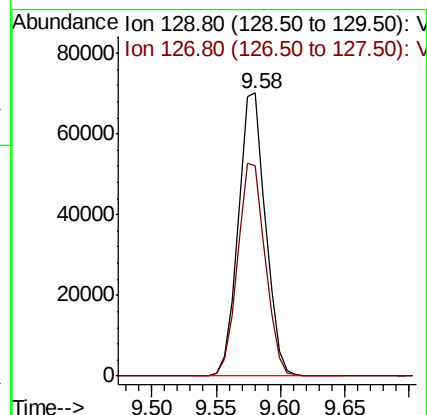
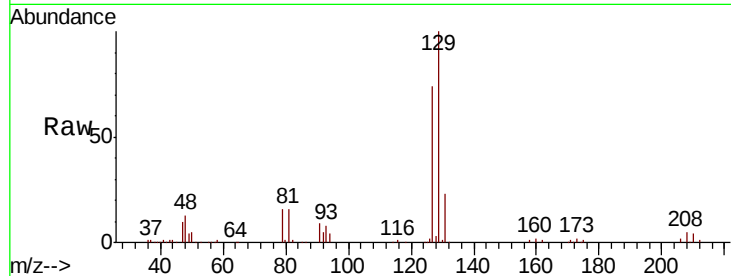




#60
 Dibromochloromethane
 Concen: 47.201 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

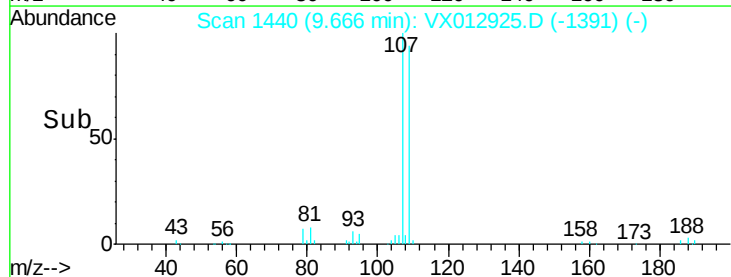
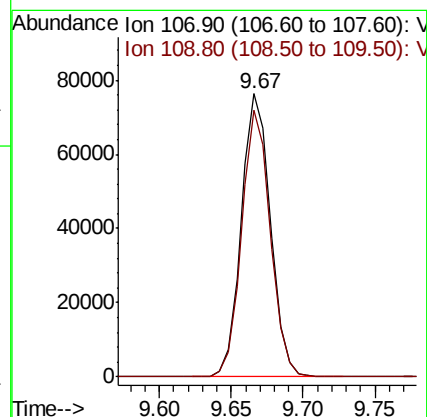
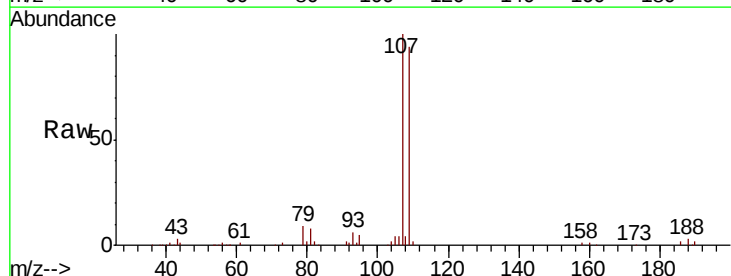
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

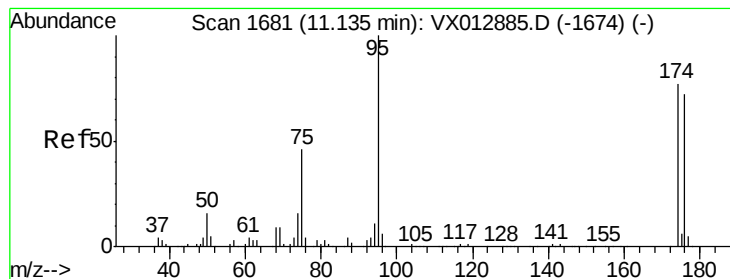
Tot Ion:129 Resp: 103223
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 51.681 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion:107 Resp: 107082
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 48.979 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

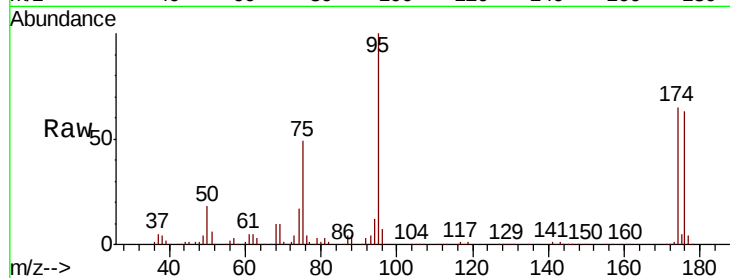
Tot Ion: 95 Resp: 127634

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.4

176 70.5 0.0 136.0



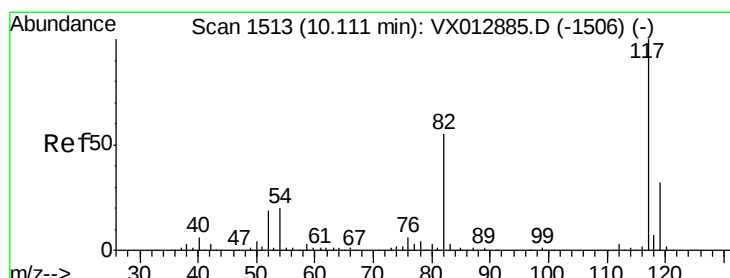
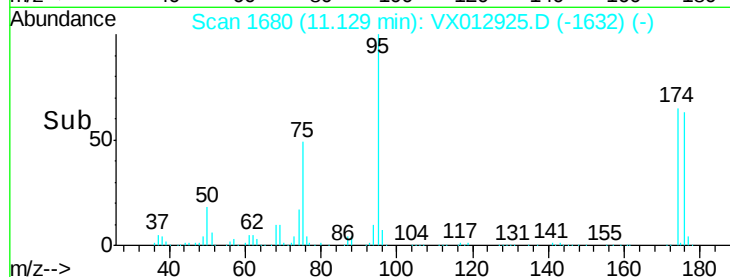
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

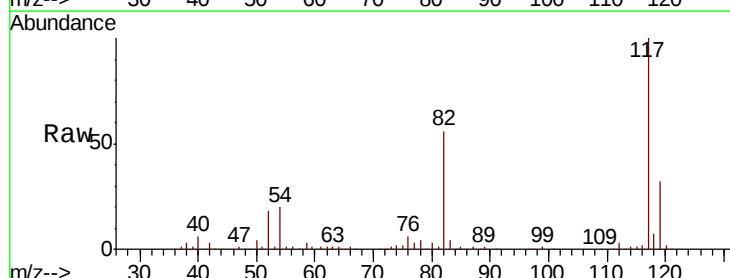
Tgt Ion: 117 Resp: 269883

Ion Ratio Lower Upper

117 100

82 56.4 44.1 66.1

119 32.4 25.8 38.8



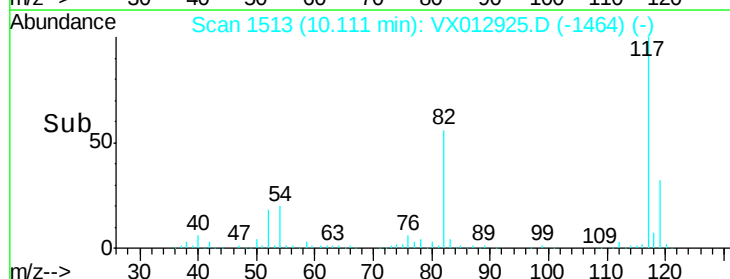
Abundance Ion 116.90 (116.60 to 117.60): V

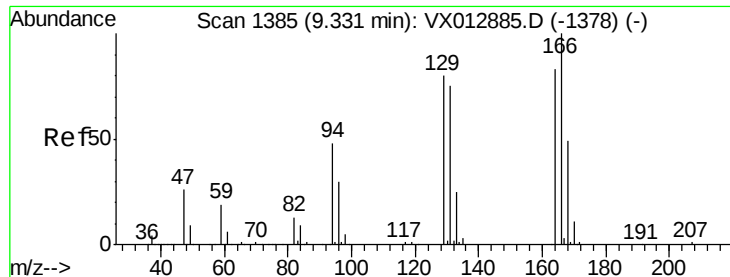
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->





#64

Tetrachloroethene

Concen: 50.217 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:164 Resp: 94001

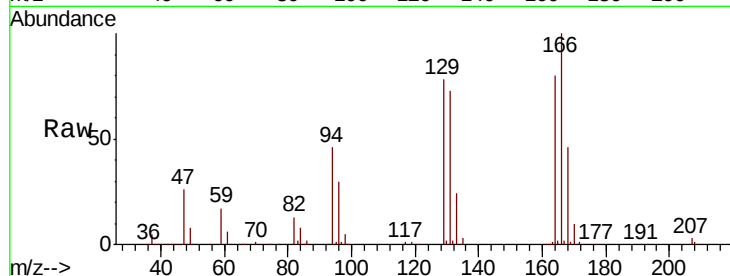
Ion Ratio Lower Upper

164 100

166 124.9 96.9 145.3

129 96.9 77.9 116.9

131 91.4 72.7 109.1

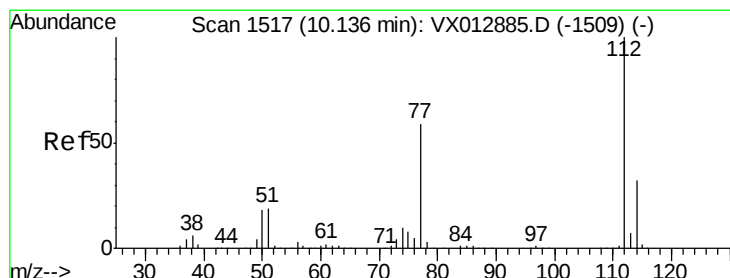
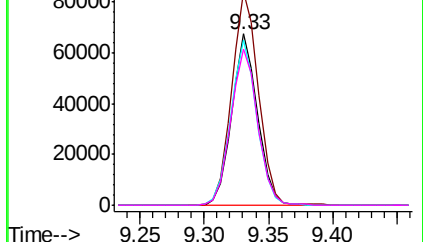
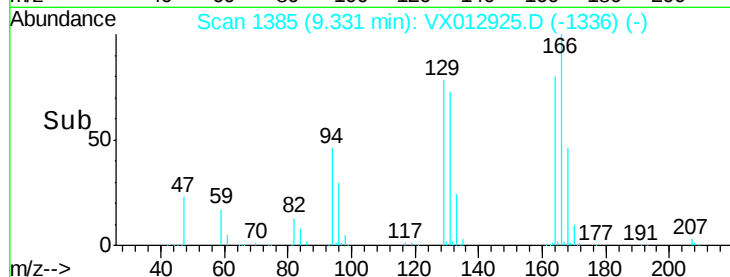


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.437 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012925.D

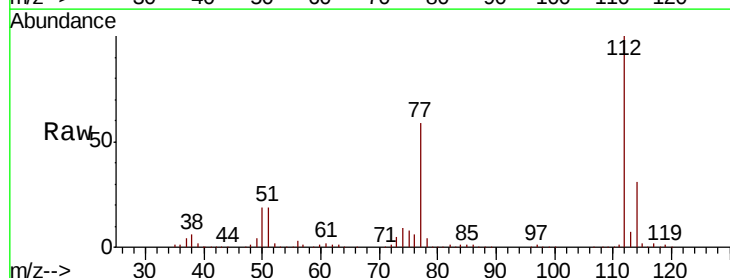
Acq: 09 Oct 2019 06:15

Tgt Ion:112 Resp: 264955

Ion Ratio Lower Upper

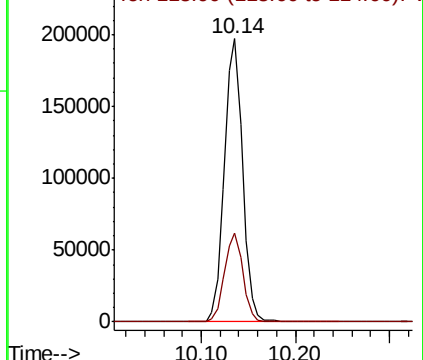
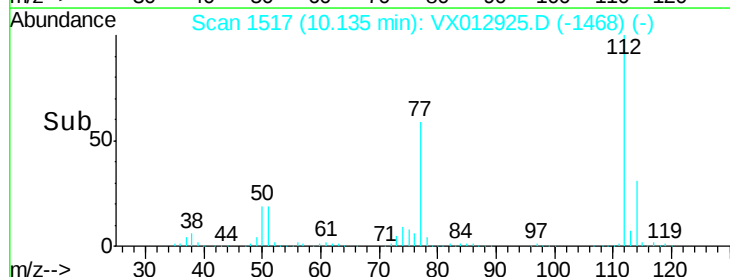
112 100

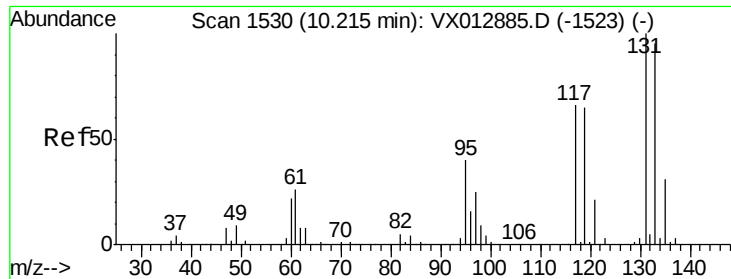
114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

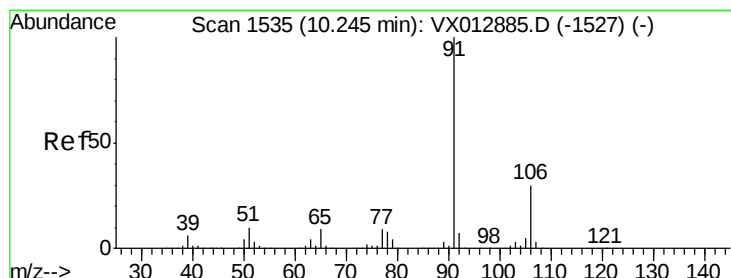
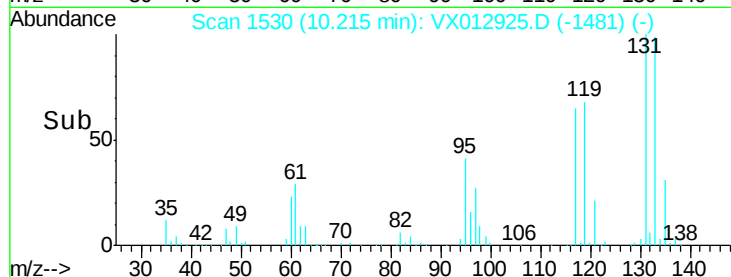
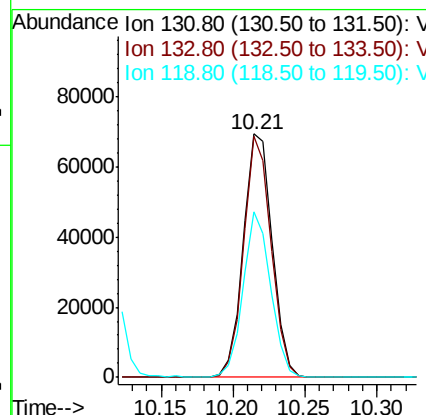
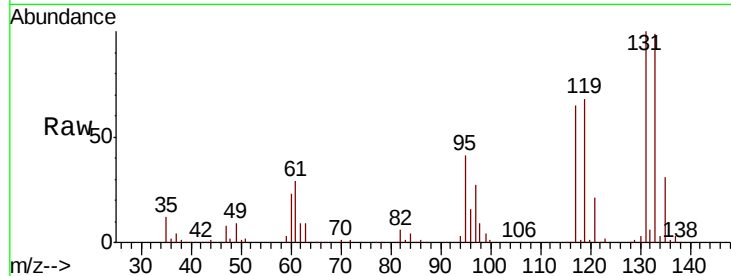




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.938 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

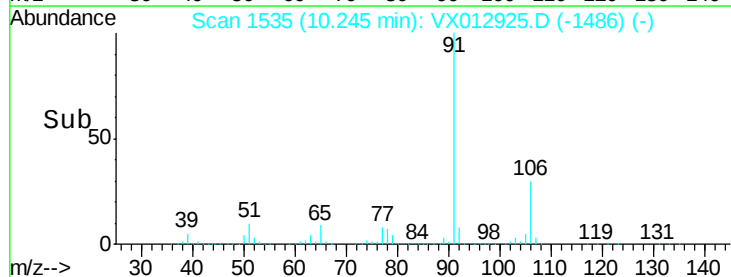
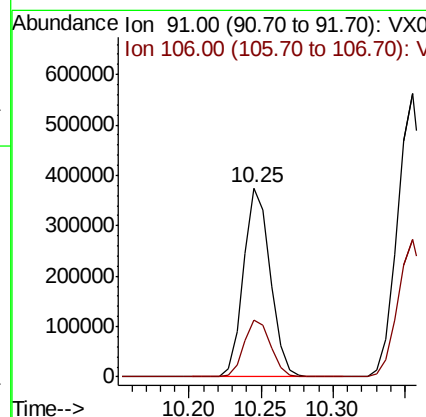
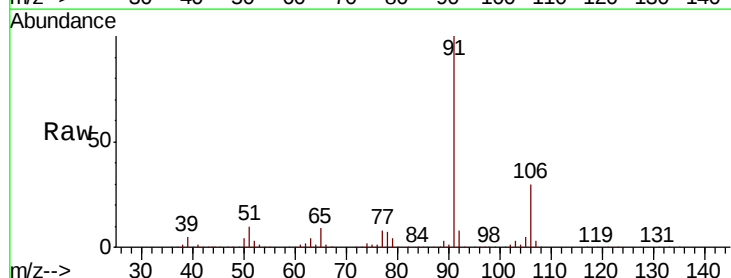
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

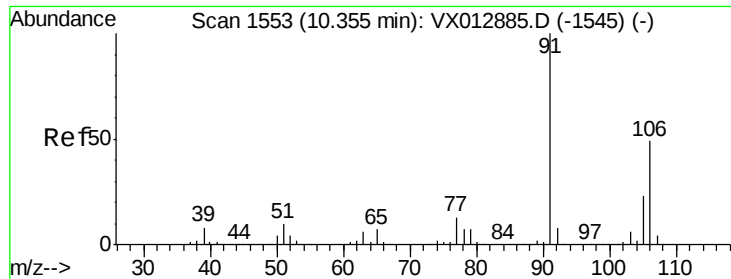
Tot Ion:131 Resp: 96513
 Ion Ratio Lower Upper
 131 100
 133 94.0 47.2 141.6
 119 64.8 32.6 98.0



#67
 Ethyl Benzene
 Concen: 50.902 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 91 Resp: 484581
 Ion Ratio Lower Upper
 91 100
 106 29.9 23.9 35.9

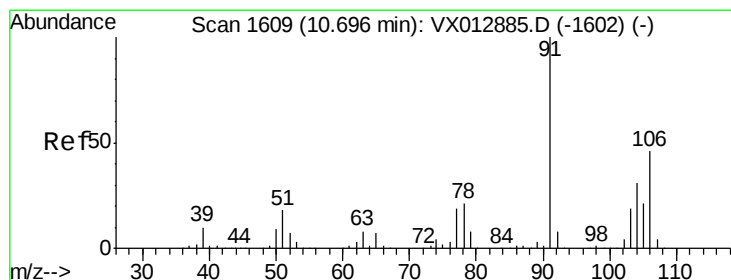
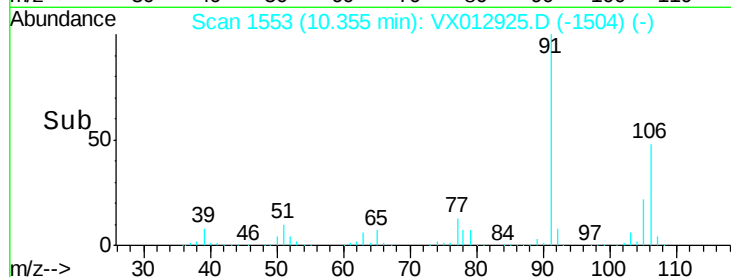
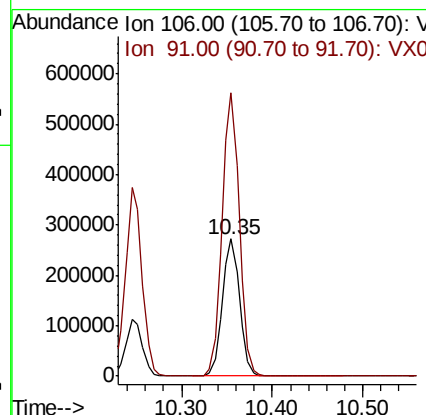
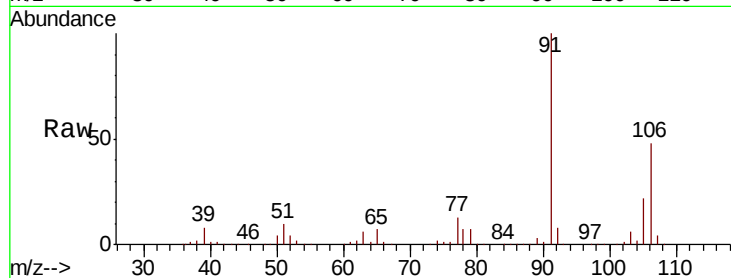




#68
m/p-Xylenes
Concen: 102.185 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

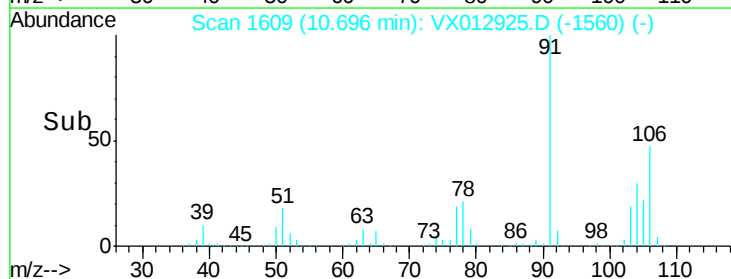
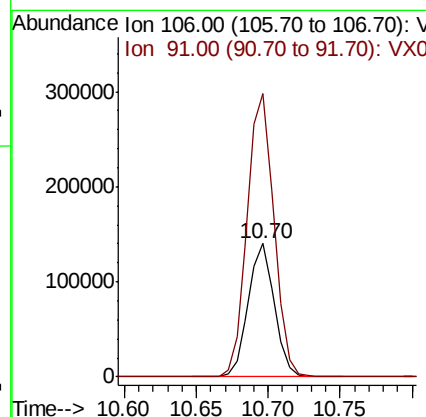
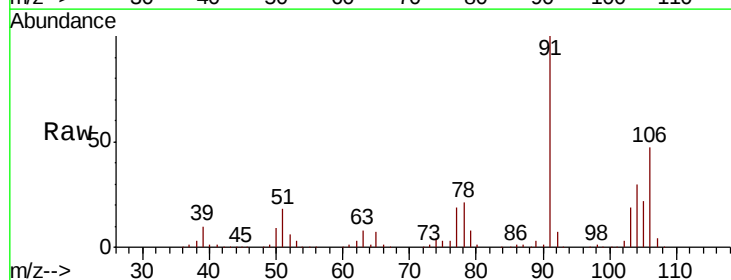
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

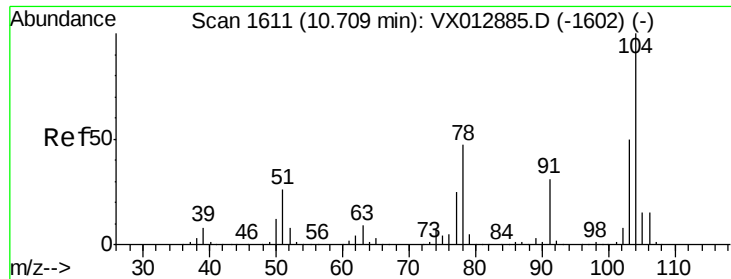
Tot Ion:106 Resp: 363419
Ion Ratio Lower Upper
106 100
91 206.0 165.3 247.9



#69
o-Xylene
Concen: 50.569 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:106 Resp: 175383
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.3





#70

Stvrene

Concen: 51.406 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

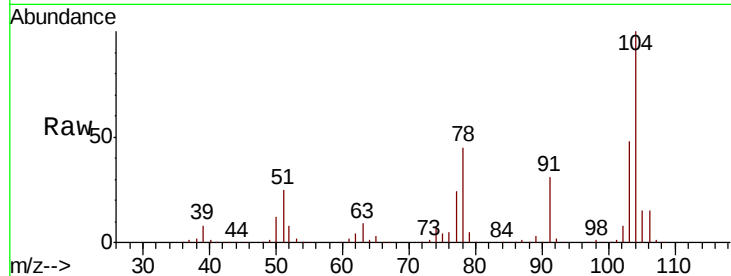
Tot Ion:104 Resp: 303088

Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

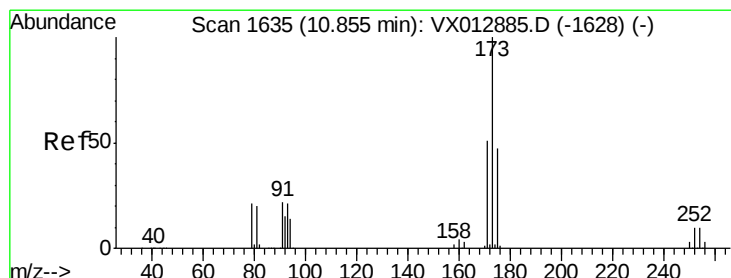
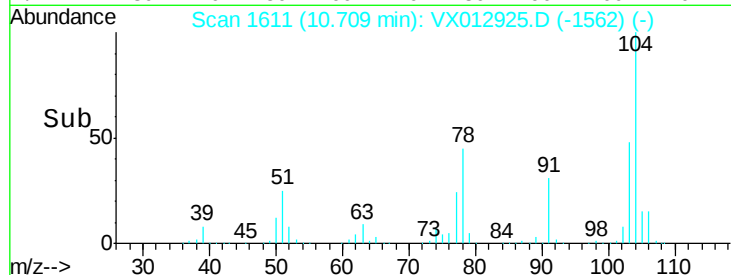
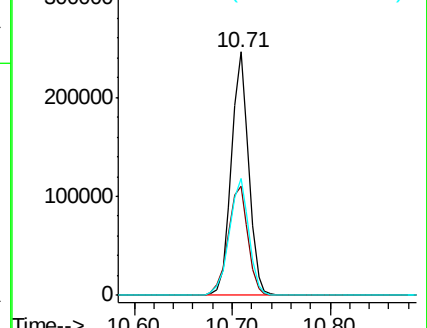
103 53.7 43.0 64.4



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: 44.386 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

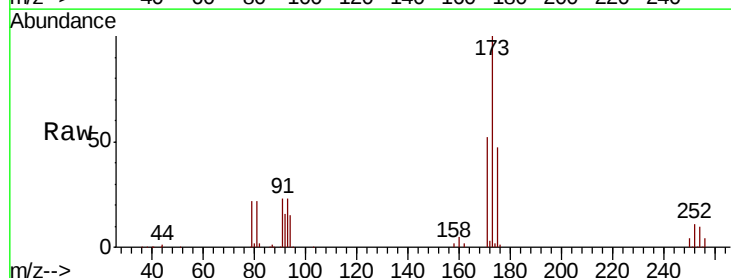
Tgt Ion:173 Resp: 69670

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

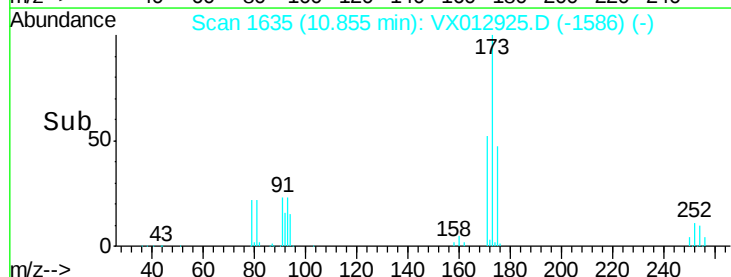
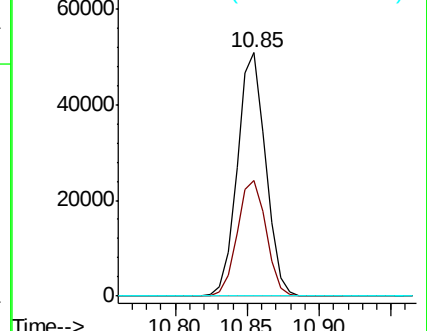
254 0.1 0.1 0.1#

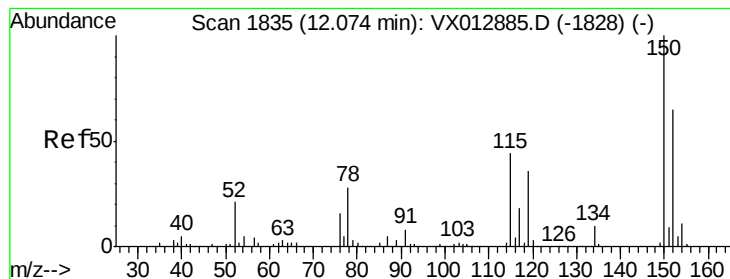


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

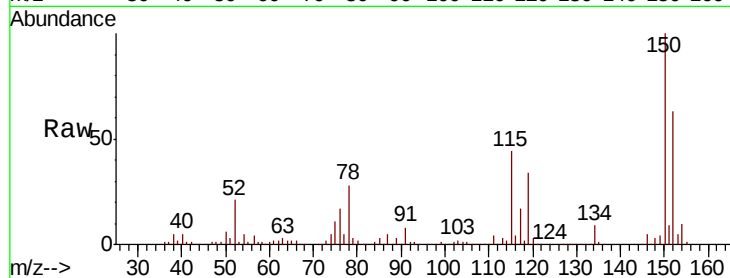
Tot Ion:152 Resp: 124223

Ion Ratio Lower Upper

152 100

115 89.5 44.5 133.5

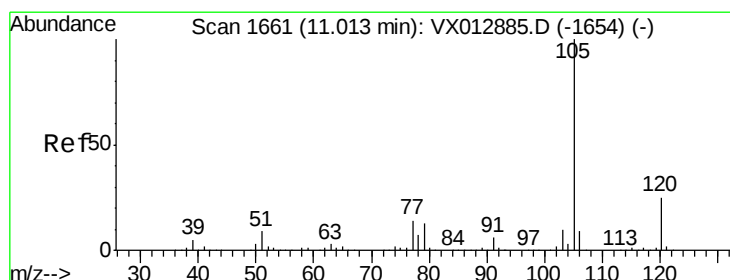
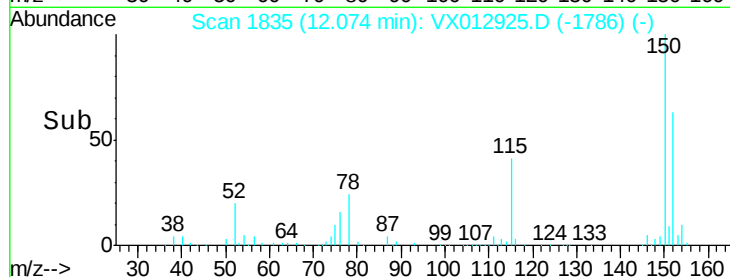
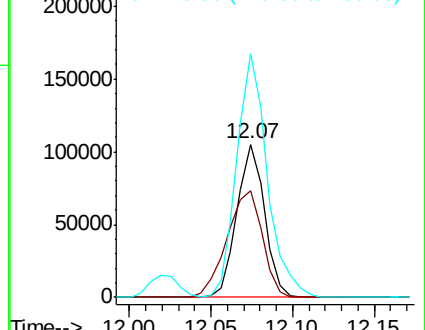
150 176.1 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.530 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012925.D

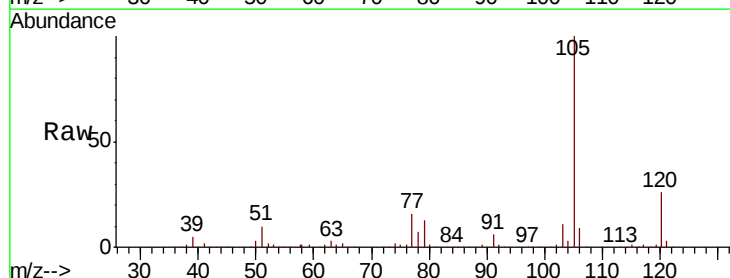
Acq: 09 Oct 2019 06:15

Tgt Ion:105 Resp: 470631

Ion Ratio Lower Upper

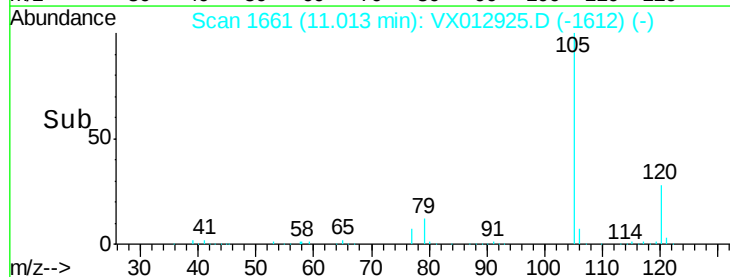
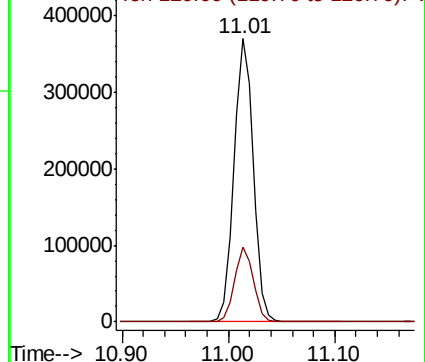
105 100

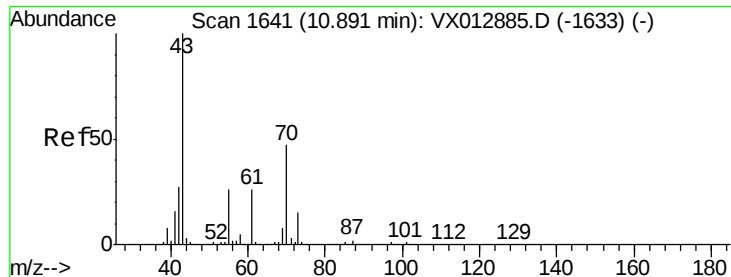
120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 43 Resp: 186216

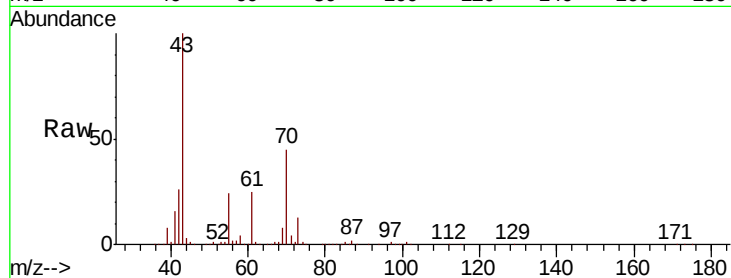
Ion Ratio Lower Upper

43 100

70 44.3 36.4 54.6

55 24.8 20.2 30.2

61 25.3 20.5 30.7

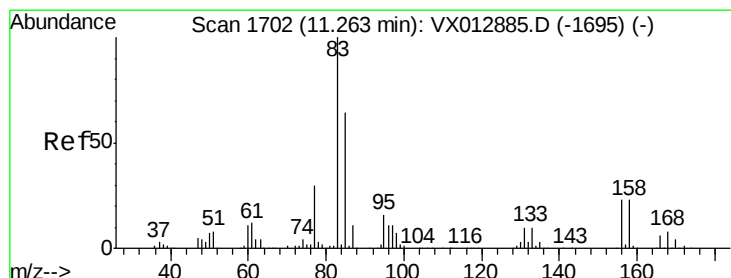
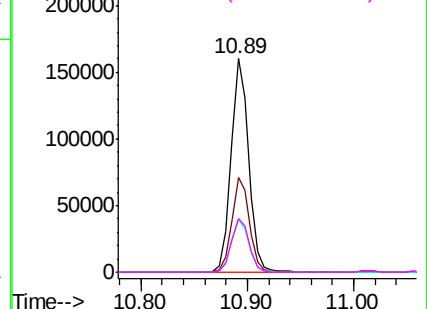
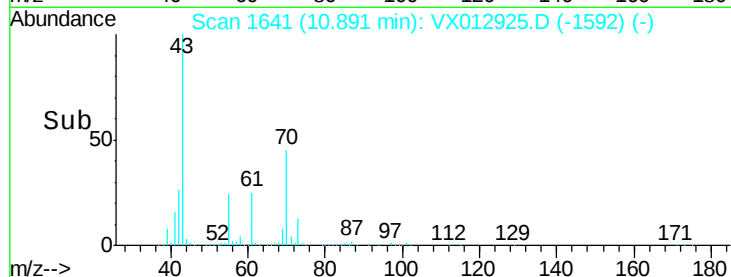


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.140 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

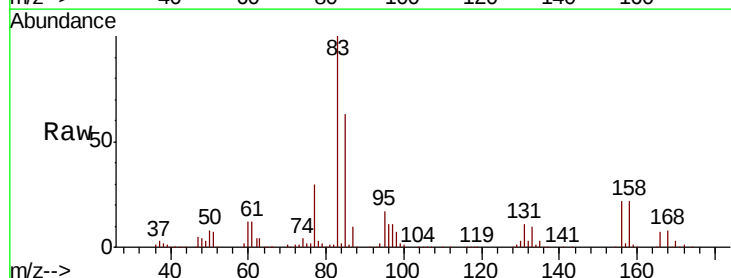
Tgt Ion: 83 Resp: 155348

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

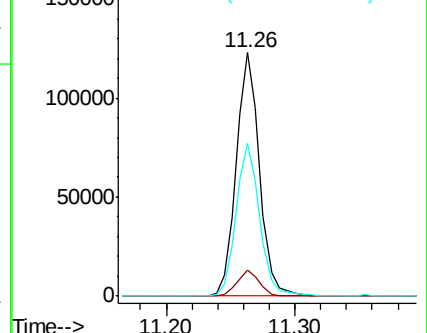
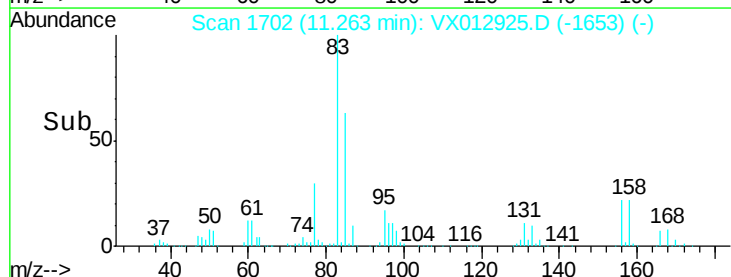
85 63.5 32.1 96.5

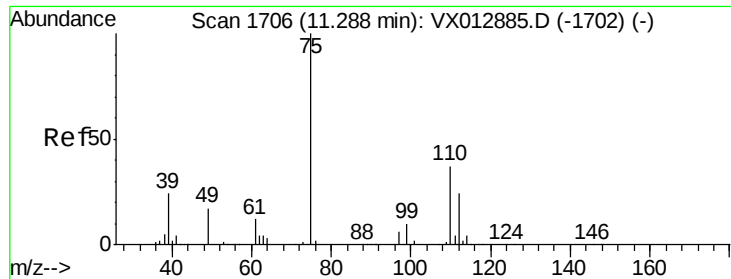


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



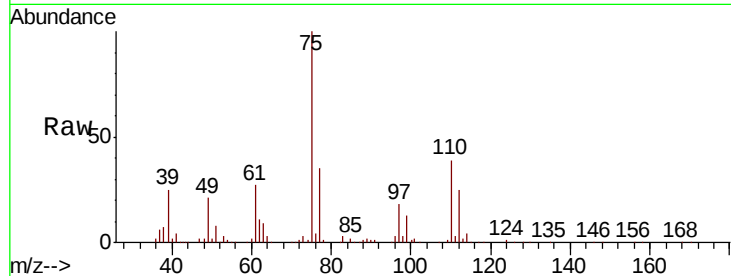


#76

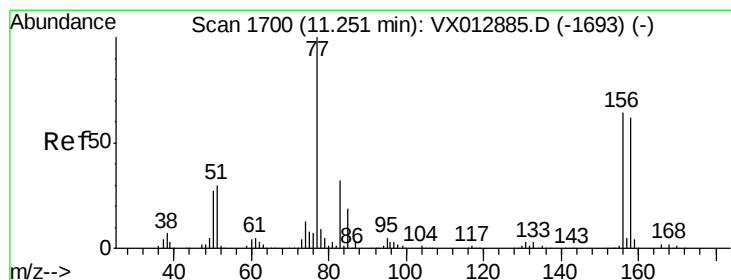
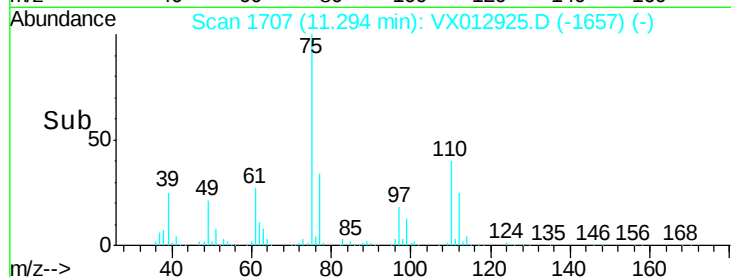
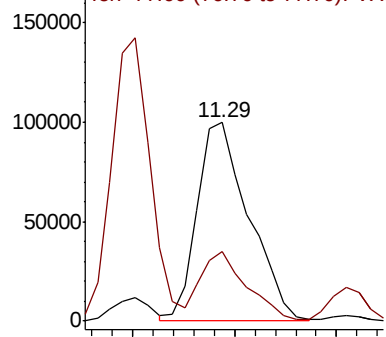
1,2,3-Trichloropropane
Concen: 63.617 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 75 Resp: 175282
Ion Ratio Lower Upper
75 100
77 31.1 22.9 68.8



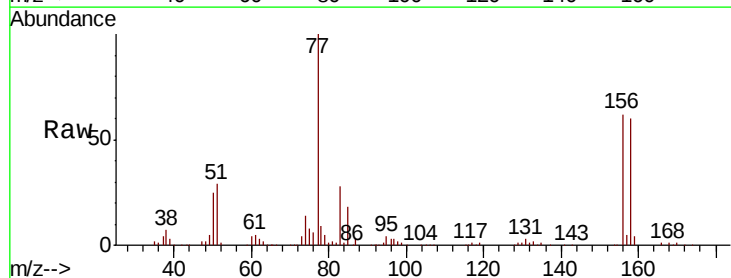
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



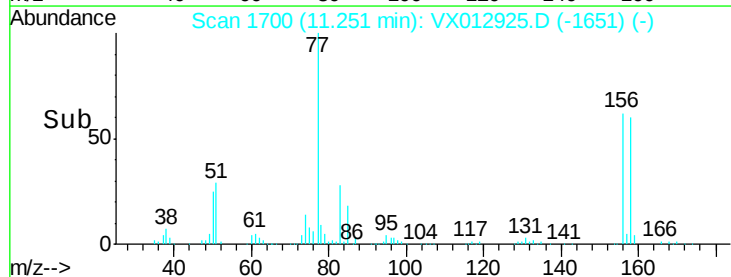
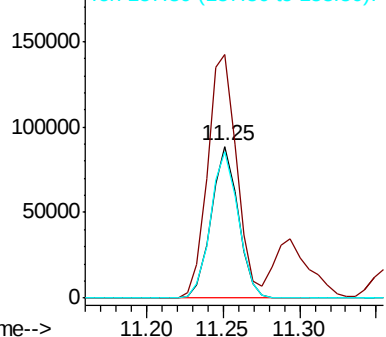
#77

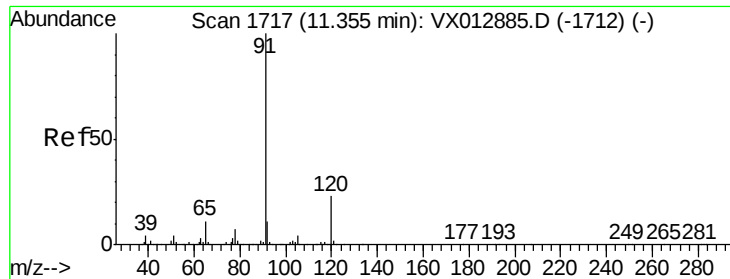
Bromobenzene
Concen: 50.388 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 156 Resp: 108445
Ion Ratio Lower Upper
156 100
77 173.4 83.7 251.0
158 98.5 48.6 145.9



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: 51.479 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

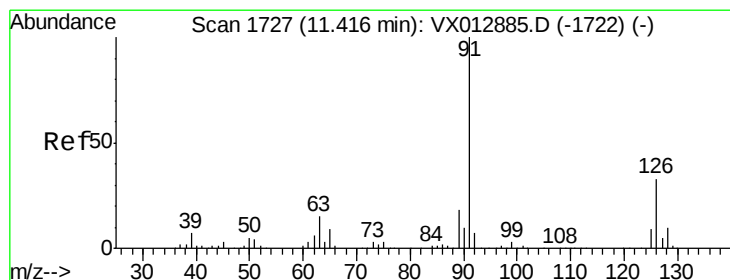
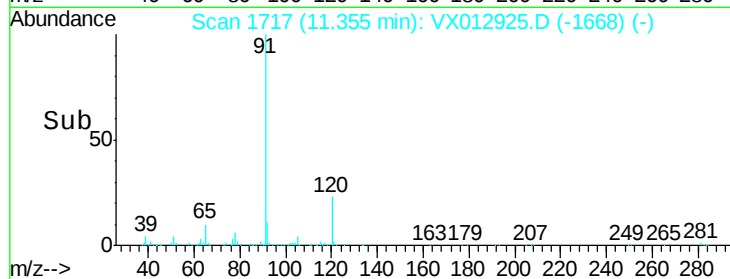
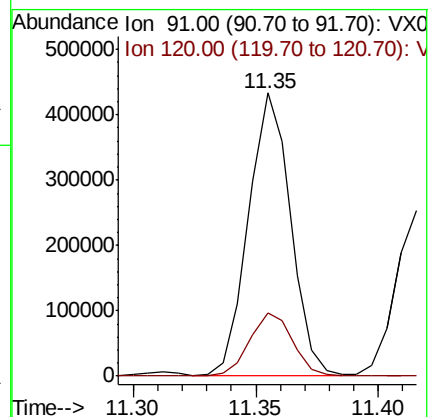
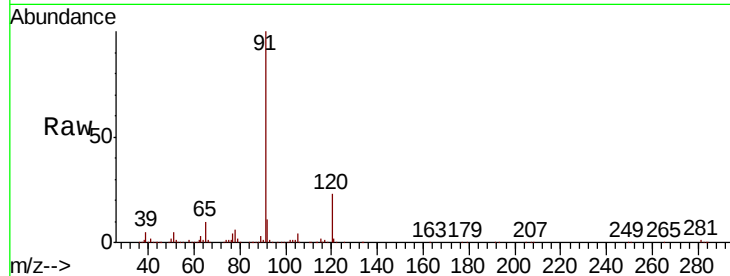
FC-MW10S-20191002MS

Tot Ion: 91 Resp: 517350

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.1



#79

2-Chlorotoluene

Concen: 50.333 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012925.D

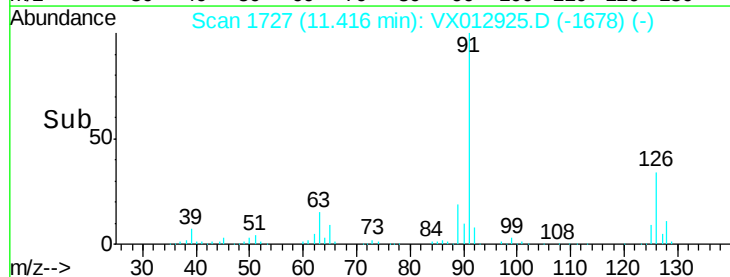
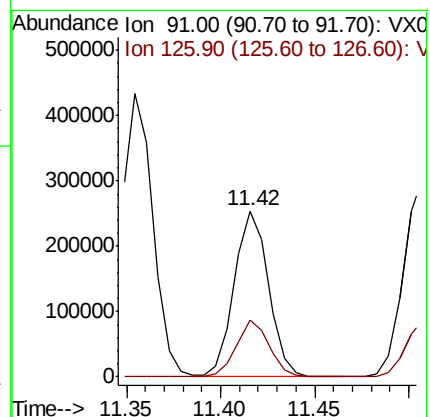
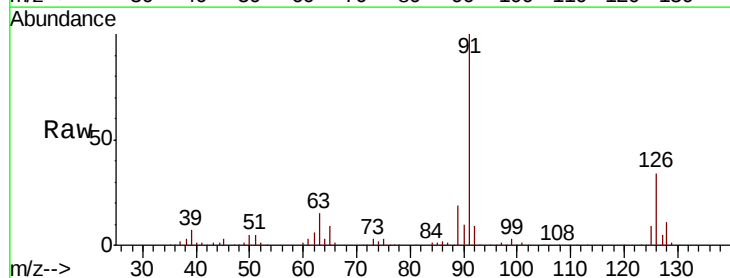
Acq: 09 Oct 2019 06:15

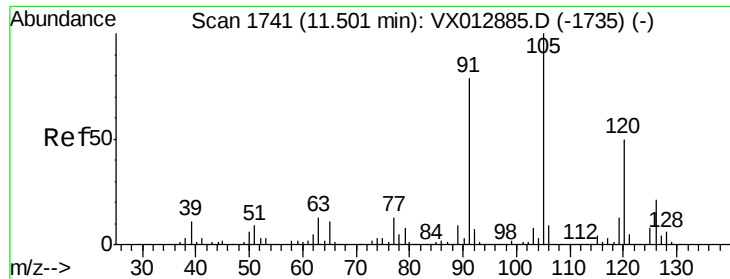
Tgt Ion: 91 Resp: 317901

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8

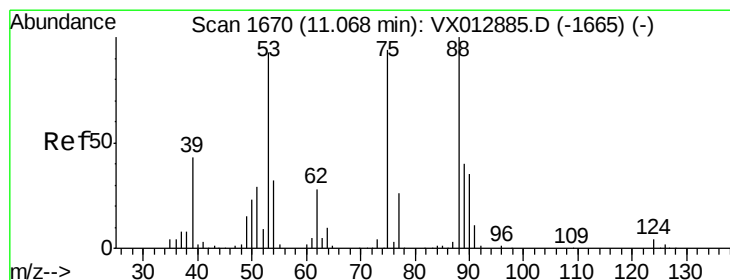
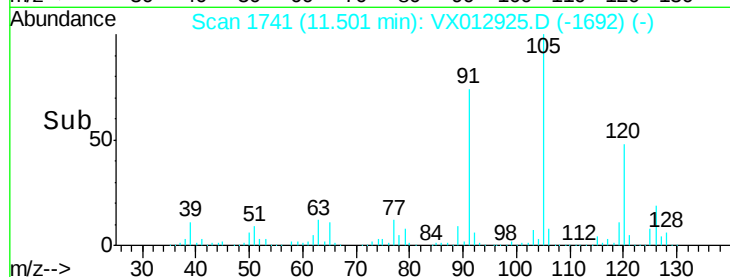
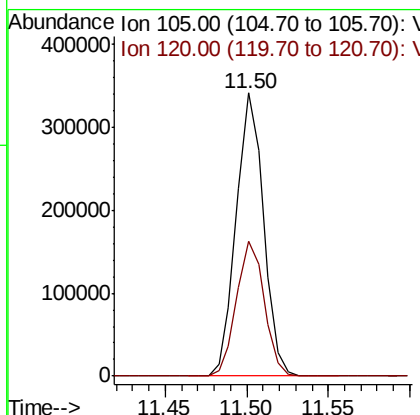
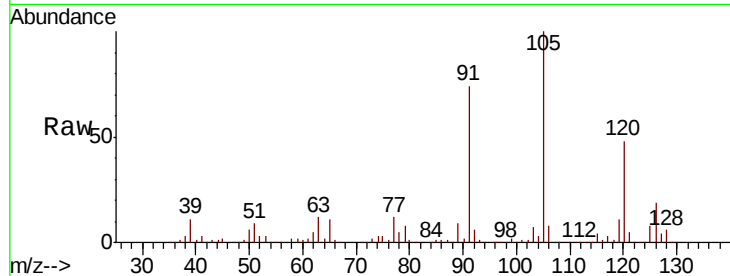




#80
 1,3,5-Trimethylbenzene
 Concen: 52.351 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

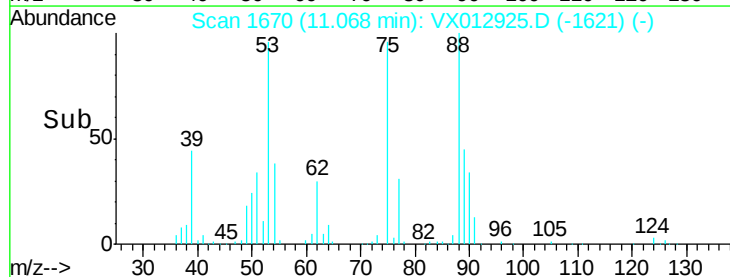
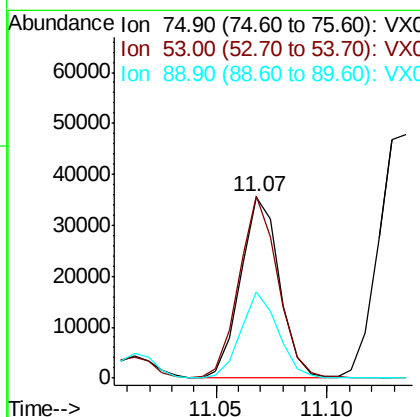
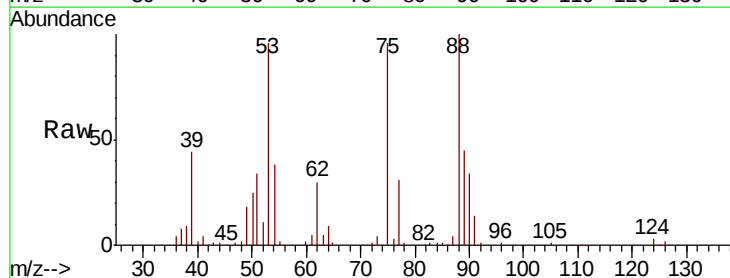
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

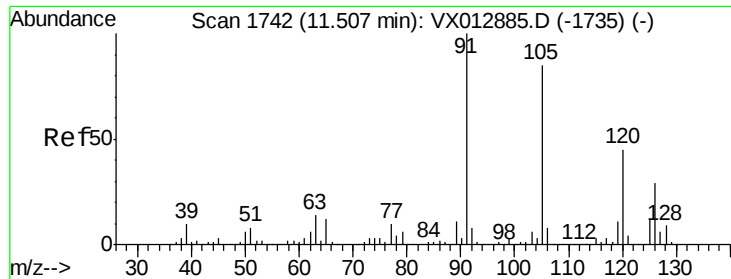
Tot Ion:105 Resp: 399237
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.123 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 75 Resp: 43216
 Ion Ratio Lower Upper
 75 100
 53 101.0 78.5 117.7
 89 45.7 37.4 56.2

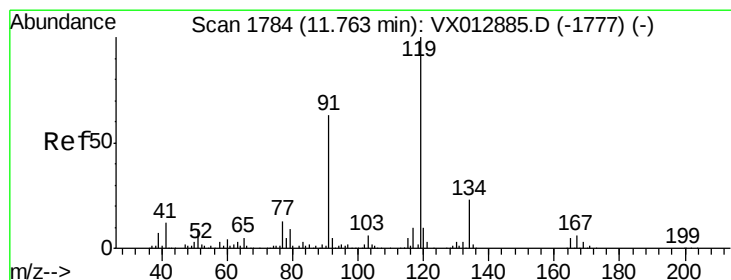
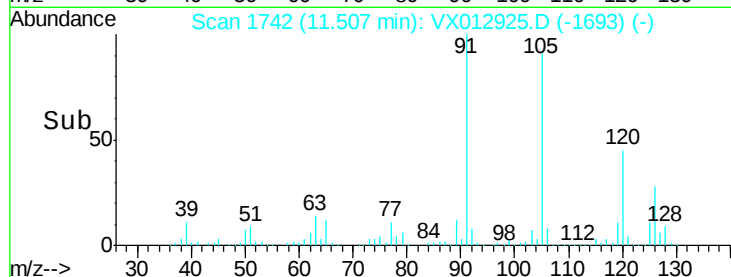
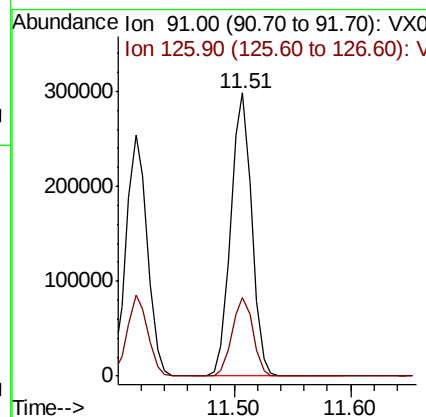
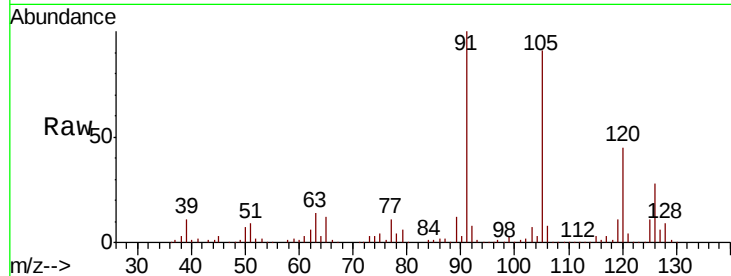




#82
4-Chlorotoluene
Concen: 51.429 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

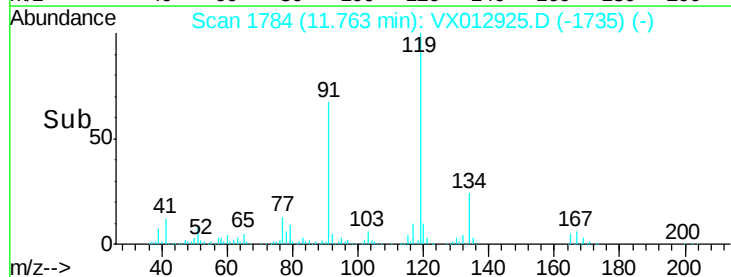
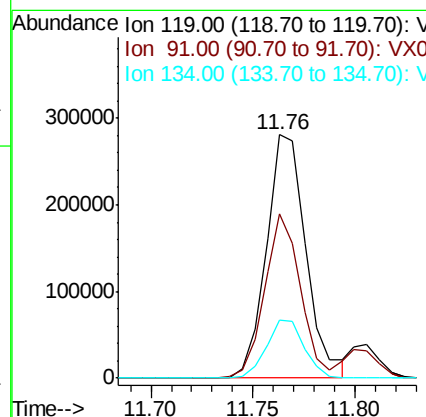
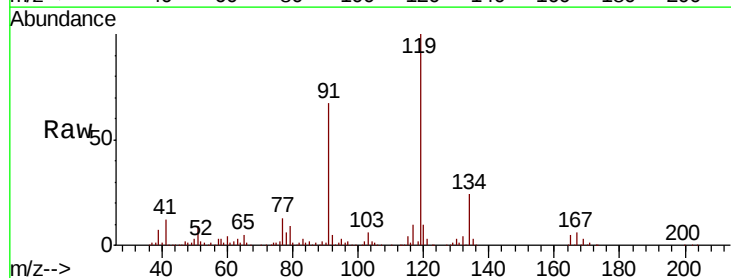
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

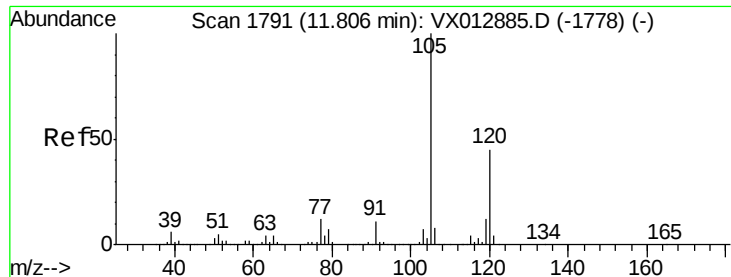
Tot Ion: 91 Resp: 372314
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.188 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 119 Resp: 380798
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.9
134 22.8 11.5 34.4

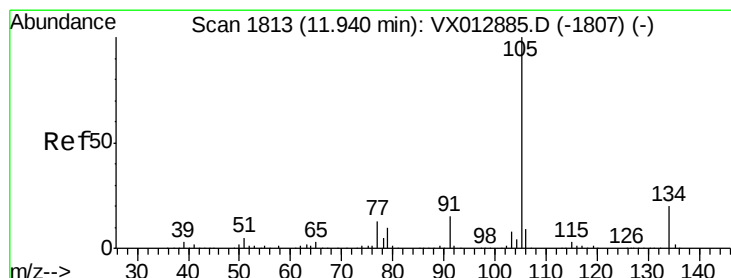
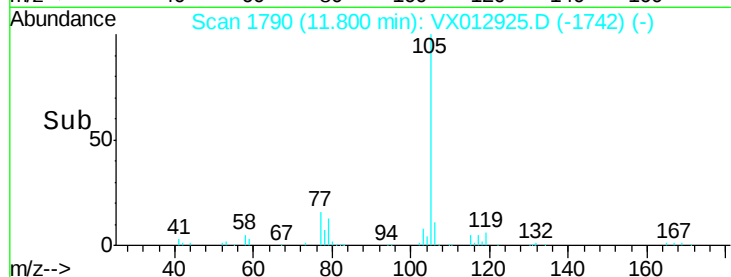
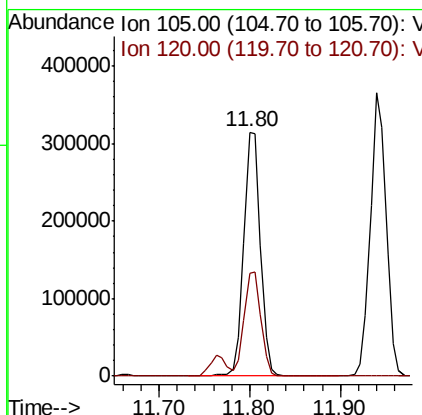
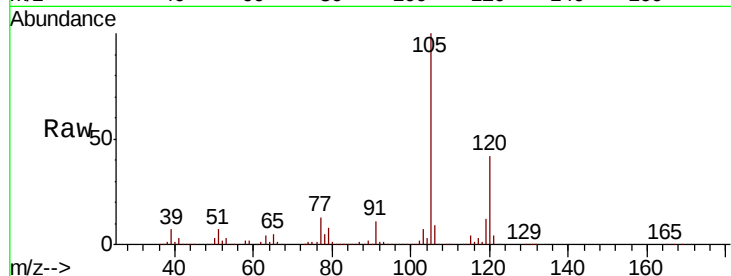




#84
 1,2,4-Trimethylbenzene
 Concen: 51.960 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

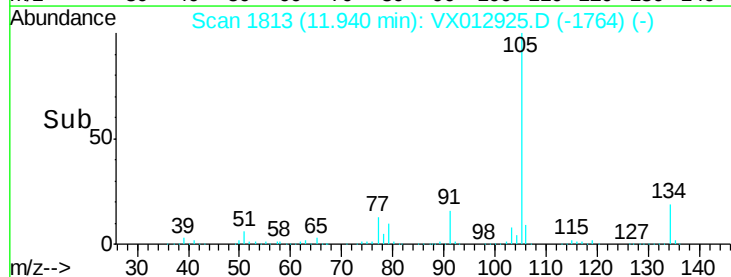
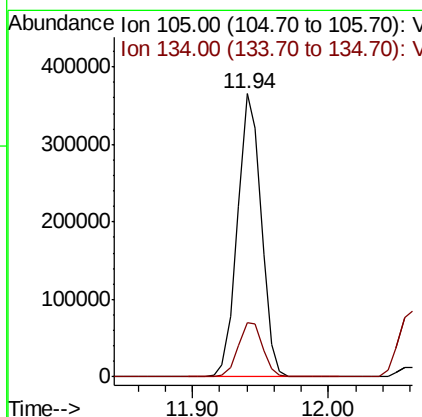
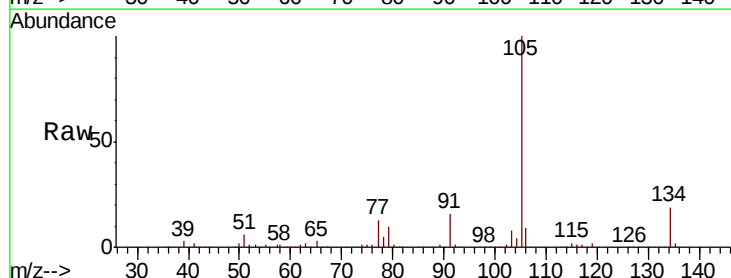
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

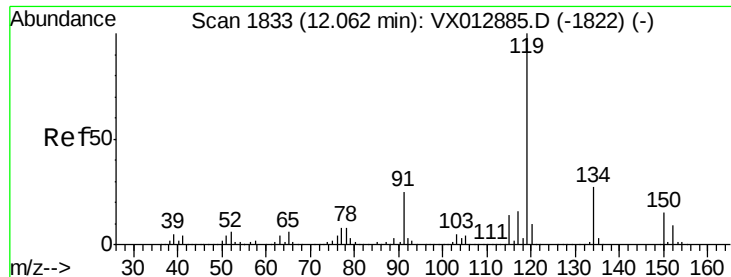
Tot Ion:105 Resp: 401314
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 51.426 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion:105 Resp: 443223
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

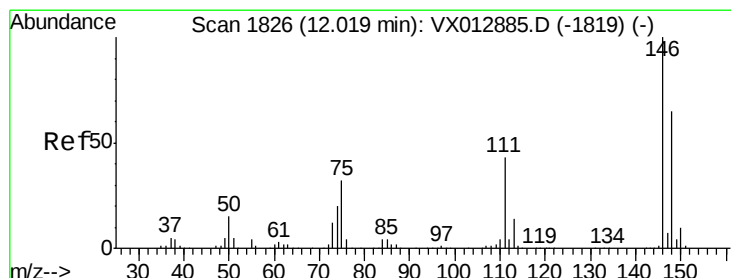
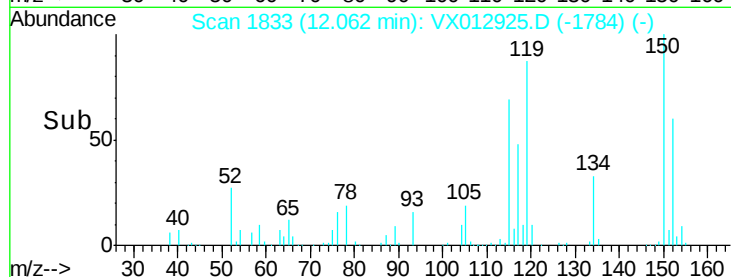
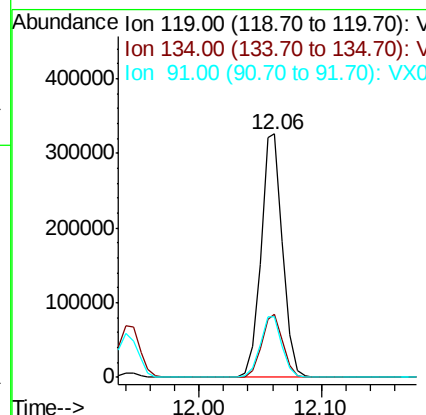
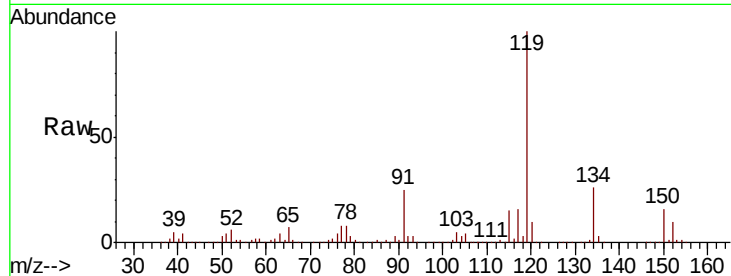




#86
 p-Isopropyltoluene
 Concen: 50.287 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

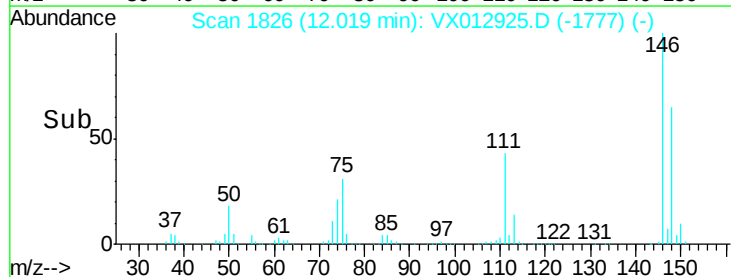
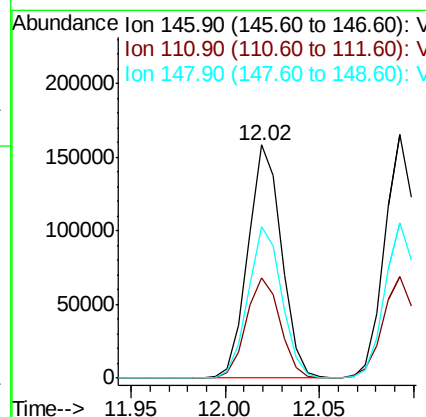
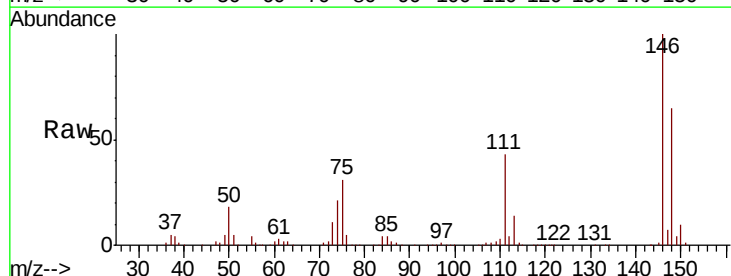
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

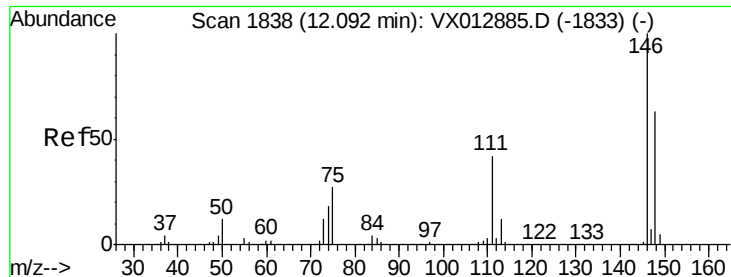
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.8
91	25.4	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 48.921 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	65.0	31.6	95.0

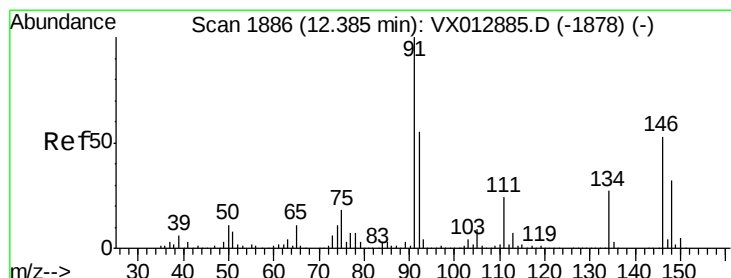
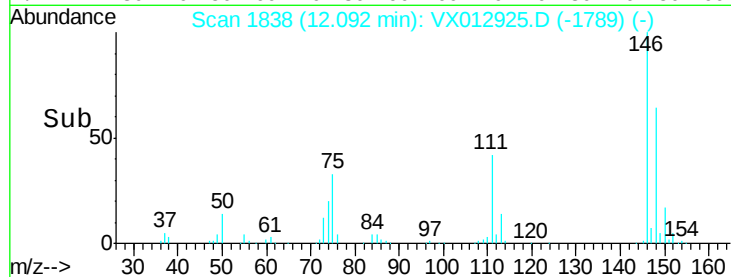
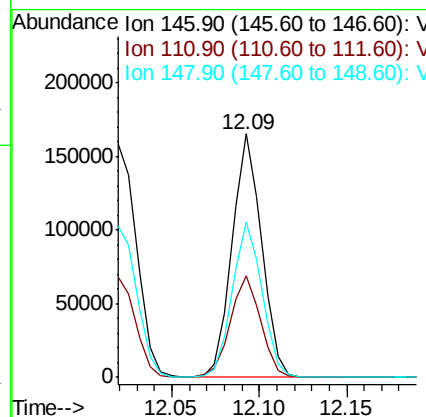
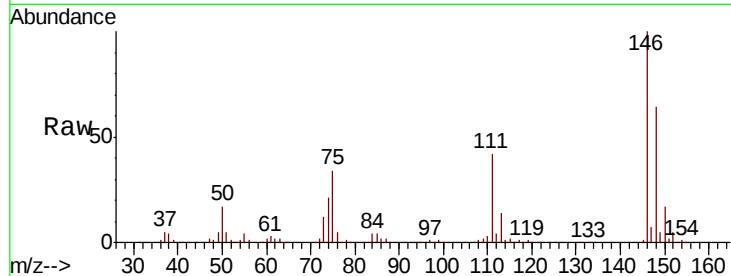




#88
 1,4-Dichlorobenzene
 Concen: 48.028 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

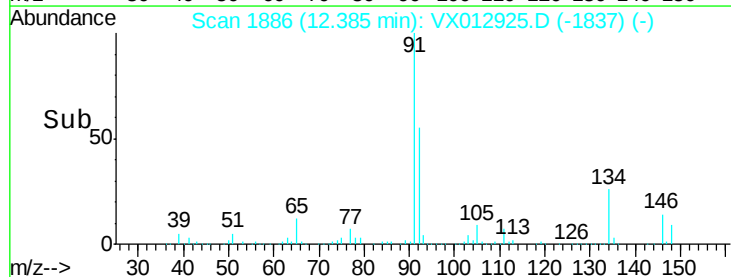
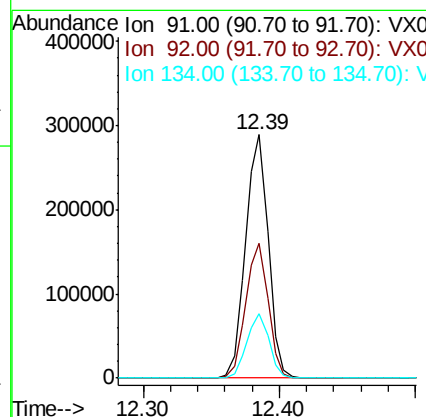
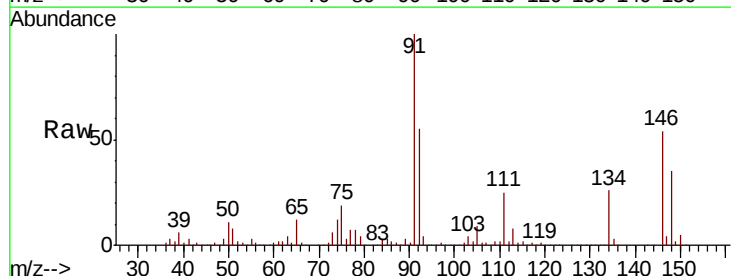
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

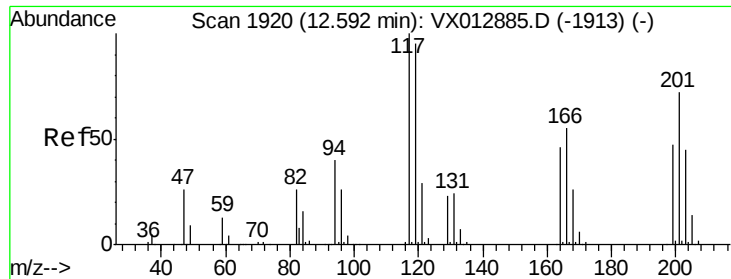
Tot Ion:146 Resp: 194400
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.4 64.3
 148 64.2 32.1 96.5



#89
 n-Butylbenzene
 Concen: 49.895 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 91 Resp: 335197
 Ion Ratio Lower Upper
 91 100
 92 55.2 27.5 82.5
 134 25.9 12.9 38.7

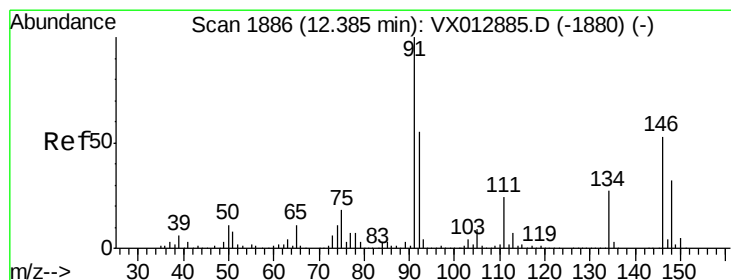
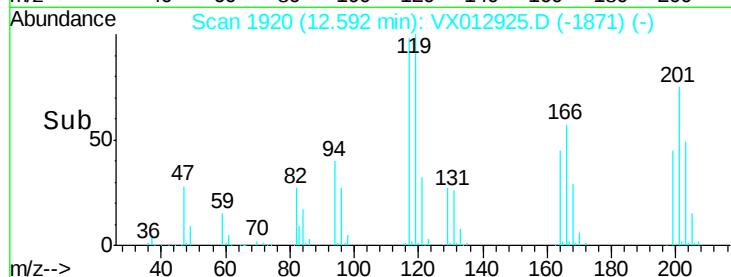
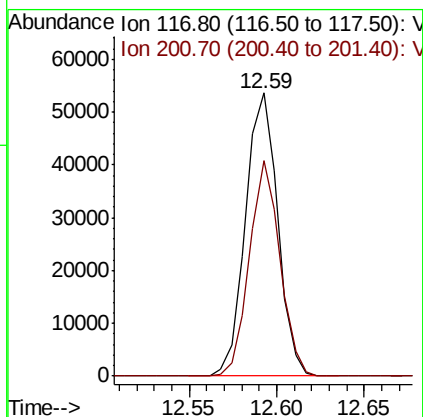
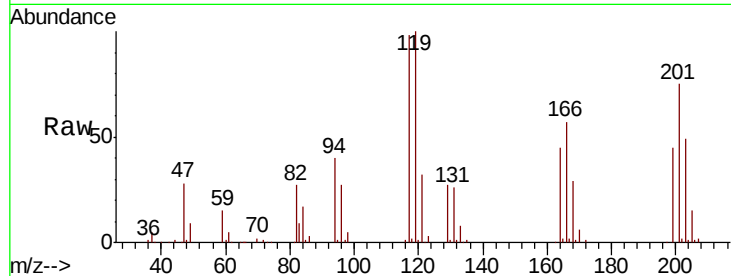




#90
Hexachloroethane
Concen: 46.527 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

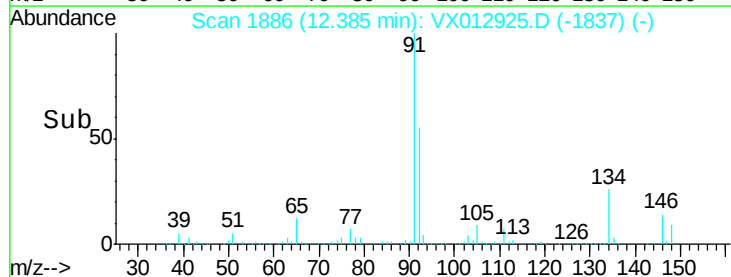
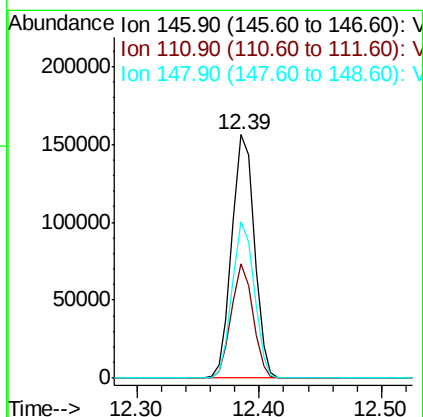
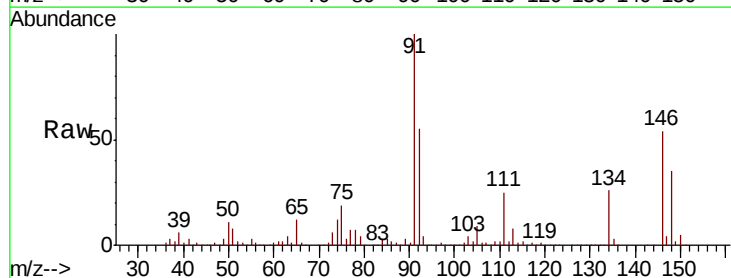
Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

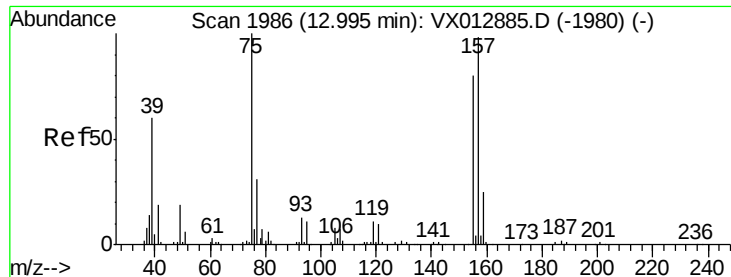
Tot Ion:117 Resp: 68655
Ion Ratio Lower Upper
117 100
201 72.3 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 50.656 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:146 Resp: 198477
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.0
148 63.1 31.6 94.7

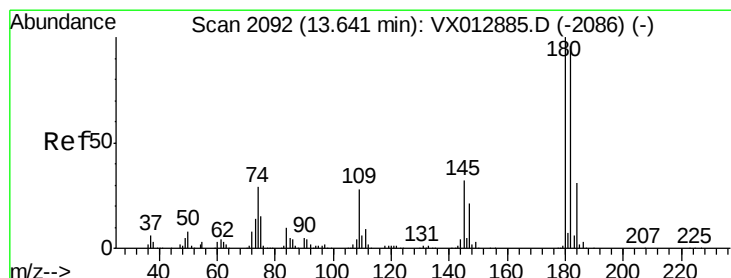
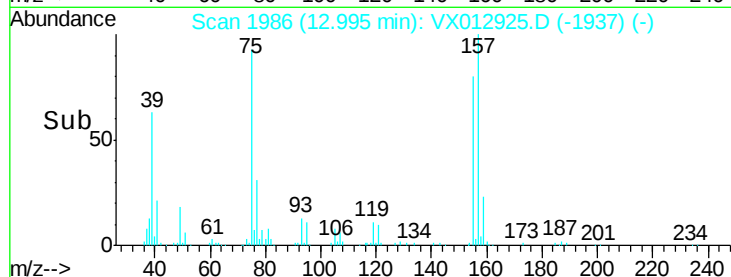
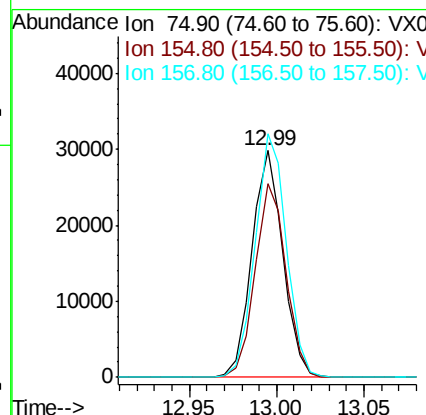
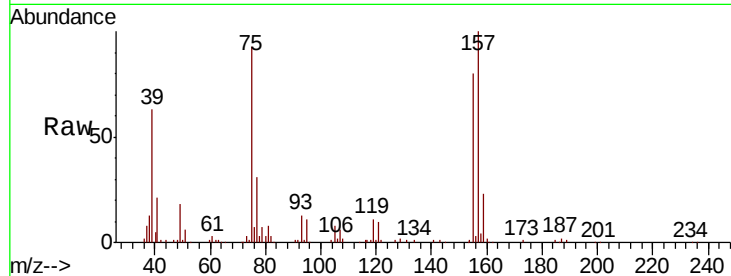




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.499 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

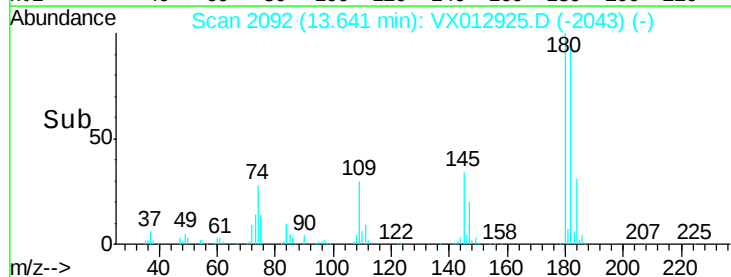
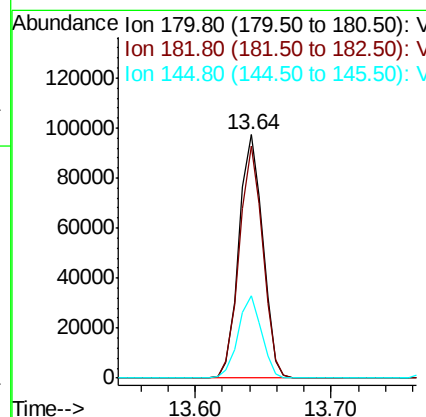
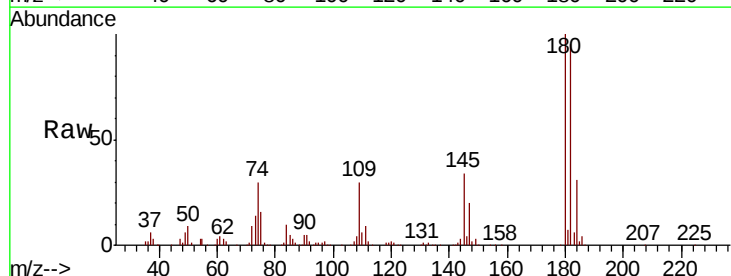
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

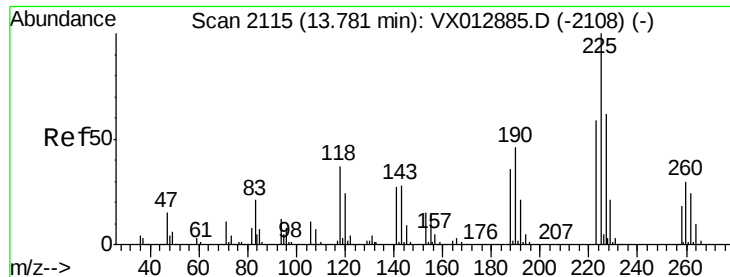
Tot Ion: 75 Resp: 36666
 Ion Ratio Lower Upper
 75 100
 155 85.2 43.0 128.8
 157 108.1 54.1 162.3



#93
 1,2,4-Trichlorobenzene
 Concen: 48.603 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion:180 Resp: 119293
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.8 140.4
 145 33.1 16.2 48.6





#94

Hexachlorobutadiene

Concen: 46.926 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

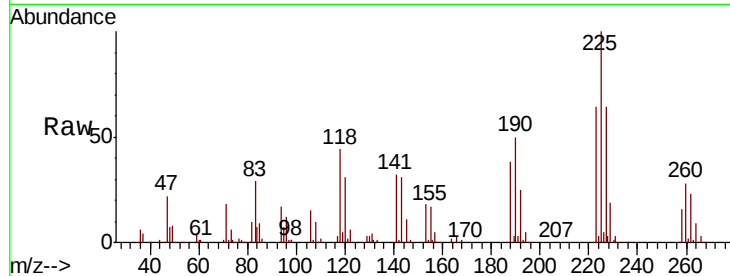
Tot Ion:225 Resp: 53154

Ion Ratio Lower Upper

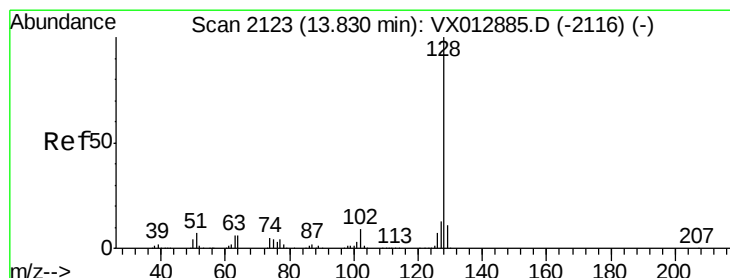
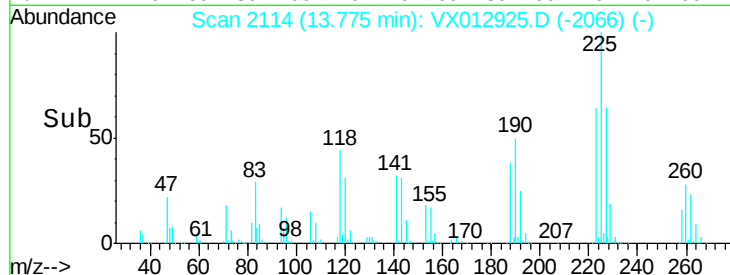
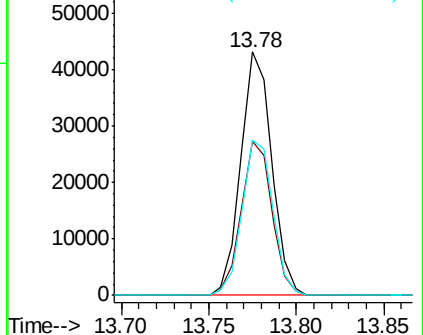
225 100

223 62.8 31.1 93.2

227 63.5 32.3 96.9



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



#95

Naphthalene

Concen: 50.712 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

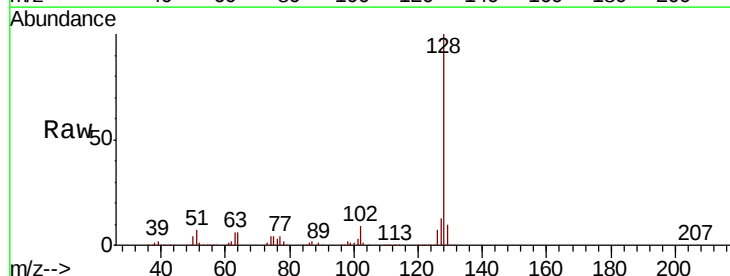
Tgt Ion:128 Resp: 431471

Ion Ratio Lower Upper

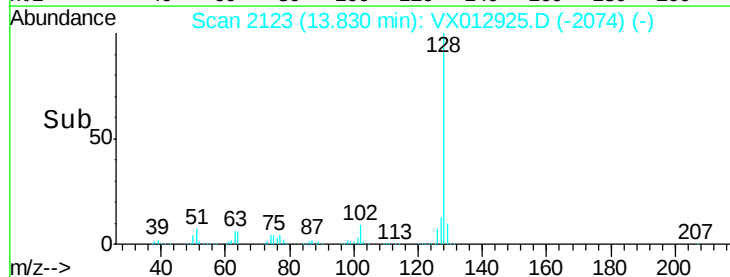
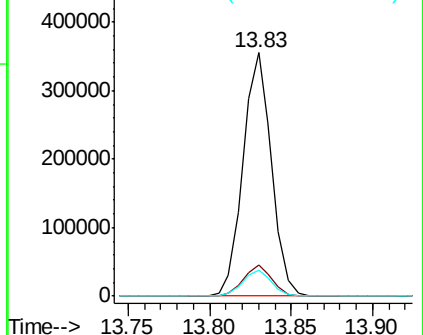
128 100

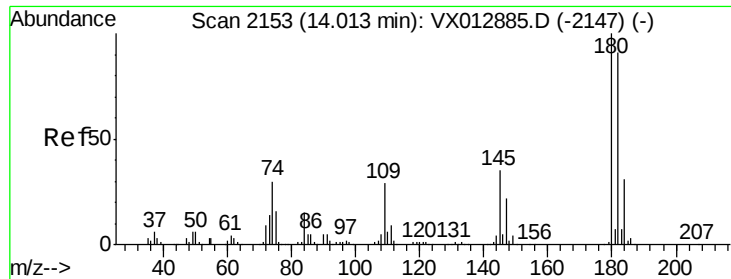
127 12.6 10.2 15.4

129 10.5 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: 48.304 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	35.3	17.4	52.3

