

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010825.D
 Acq On : 12 Jul 2019 10:59
 Operator : JC/SP
 Sample : VX0712WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

Quant Time: Jul 13 01:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	356264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99334	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
35) Dibromofluoromethane	5.50	113	95084	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.71	98	346180	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
62) 4-Bromofluorobenzene	11.13	95	126804	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	34023	20.499	ug/l	97
3) Chloromethane	1.33	50	34411	17.805	ug/l	99
4) Vinyl Chloride	1.41	62	38141	18.018	ug/l	98
5) Bromomethane	1.64	94	21735	21.076	ug/l	98
6) Chloroethane	1.72	64	24086	19.286	ug/l	96
7) Trichlorofluoromethane	1.93	101	65225	19.437	ug/l	98
8) Diethyl Ether	2.19	74	23163	19.248	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38090	18.731	ug/l	99
10) Methyl Iodide	2.51	142	36419	12.549	ug/l	98
11) Tert butyl alcohol	3.04	59	44296	75.629	ug/l	96
12) 1,1-Dichloroethene	2.37	96	36433	17.607	ug/l	98
13) Acrolein	2.29	56	38299	98.571	ug/l	99
14) Allyl chloride	2.73	41	53050	18.058	ug/l	99
15) Acrylonitrile	3.14	53	105747	91.191	ug/l	100
16) Acetone	2.44	43	104958	93.563	ug/l	98
17) Carbon Disulfide	2.57	76	87537	15.768	ug/l	99
18) Methyl Acetate	2.78	43	41407	18.520	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119691	18.386	ug/l	100
20) Methylene Chloride	2.85	84	42553	18.432	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38829	17.447	ug/l	95
22) Diisopropyl ether	3.85	45	113454	18.471	ug/l	96
23) Vinyl Acetate	3.81	43	492212	92.761	ug/l	98
24) 1,1-Dichloroethane	3.70	63	64858	18.268	ug/l	97
25) 2-Butanone	4.67	43	146843	89.238	ug/l	97
26) 2,2-Dichloropropane	4.58	77	52482	17.016	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	46688	18.154	ug/l	99
28) Bromochloromethane	5.02	49	27460	16.177	ug/l	95
29) Tetrahydrofuran	5.12	42	91294	89.570	ug/l	99
30) Chloroform	5.21	83	70766	18.525	ug/l	100
31) Cyclohexane	5.58	56	57136	17.672	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	58960	17.480	ug/l	98
36) 1,1-Dichloropropene	5.79	75	49747	17.572	ug/l	98
37) Ethyl Acetate	4.83	43	52702	18.095	ug/l	98
38) Carbon Tetrachloride	5.78	117	51912	16.933	ug/l	98

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 Sample : VX0712WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

Quant Time: Jul 13 01:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66324	17.823	ug/l	99
40) Benzene	6.14	78	159076	18.036	ug/l	99
41) Methacrylonitrile	5.04	41	28466	17.813	ug/l	97
42) 1,2-Dichloroethane	6.19	62	52972	19.730	ug/l	98
43) Isopropyl Acetate	6.44	43	85813	17.808	ug/l	97
44) Trichloroethene	7.21	130	45955	17.412	ug/l	99
45) 1,2-Dichloropropane	7.51	63	39124	17.565	ug/l	95
46) Dibromomethane	7.66	93	28382	17.760	ug/l	98
47) Bromodichloromethane	7.90	83	50885	17.375	ug/l	100
48) Methyl methacrylate	7.77	41	39363	17.574	ug/l	99
49) 1,4-Dioxane	7.74	88	23273	360.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	281705	91.408	ug/l	98
52) Toluene	8.78	92	102684	17.679	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	52598	16.019	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	60358	16.916	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43921	18.335	ug/l	99
56) Ethyl methacrylate	9.18	69	63137	17.399	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68086	18.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	141436	82.066	ug/l	100
59) 2-Hexanone	9.49	43	220582	90.942	ug/l	99
60) Dibromochloromethane	9.58	129	43615	16.261	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45130	17.454	ug/l	99
64) Tetrachloroethene	9.33	164	44586	17.365	ug/l	97
65) Chlorobenzene	10.13	112	117132	18.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40739	17.355	ug/l	98
67) Ethyl Benzene	10.25	91	201373	18.509	ug/l	97
68) m/p-Xylenes	10.36	106	157283	37.309	ug/l	99
69) o-Xylene	10.69	106	76035	18.341	ug/l	99
70) Styrene	10.71	104	127970	18.406	ug/l	99
71) Bromoform	10.85	173	31459	15.410	ug/l #	98
73) Isopropylbenzene	11.02	105	206701	17.865	ug/l	98
74) N-amyl acetate	10.90	43	77088	17.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66842	17.444	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69035	22.195	ug/l	81
77) Bromobenzene	11.26	156	54526	16.877	ug/l	99
78) n-propylbenzene	11.36	91	225991	17.772	ug/l	100
79) 2-Chlorotoluene	11.42	91	133303	17.604	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171271	17.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16396	12.298	ug/l #	83
82) 4-Chlorotoluene	11.51	91	155828	18.085	ug/l	99
83) tert-Butylbenzene	11.77	119	167459	17.492	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	173450	18.100	ug/l	99
85) sec-Butylbenzene	11.94	105	203239	18.081	ug/l	99
86) p-Isopropyltoluene	12.06	119	184478	17.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	99496	17.643	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	99353	17.305	ug/l	99
89) n-Butylbenzene	12.38	91	158100	17.895	ug/l	99
90) Hexachloroethane	12.59	117	27077	15.061	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	99857	17.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13112	15.871	ug/l	91

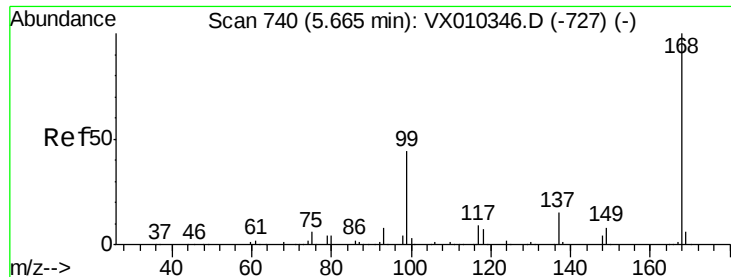
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010825.D
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Sample : VX0712WBS01
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ClientSampleId :
VX0712WBS01

Quant Time: Jul 13 01:36:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66450	17.096	ug/l	98
94) Hexachlorobutadiene	13.78	225	33285	17.521	ug/l	98
95) Naphthalene	13.83	128	199740	16.722	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66932	17.319	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

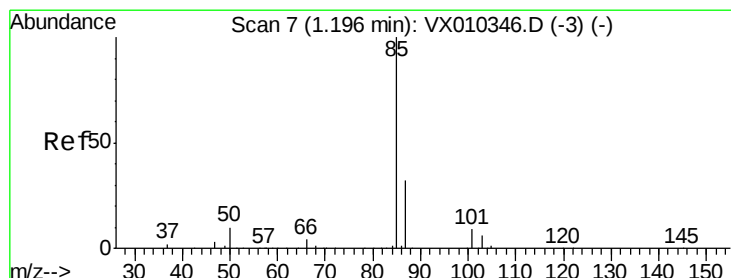
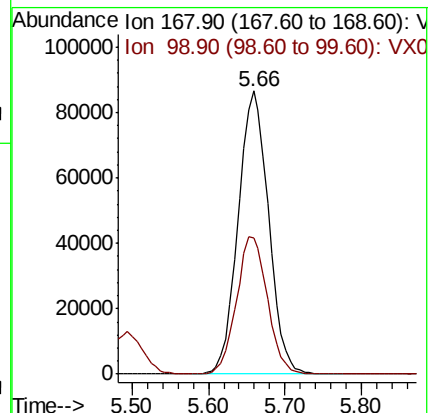
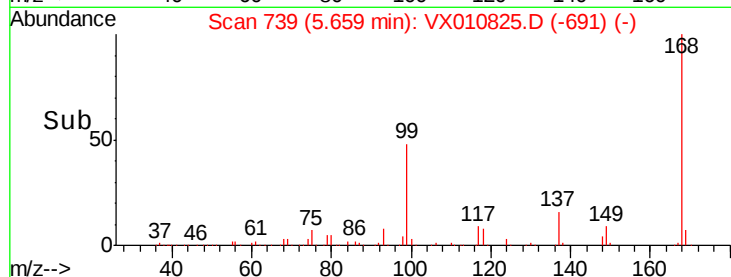
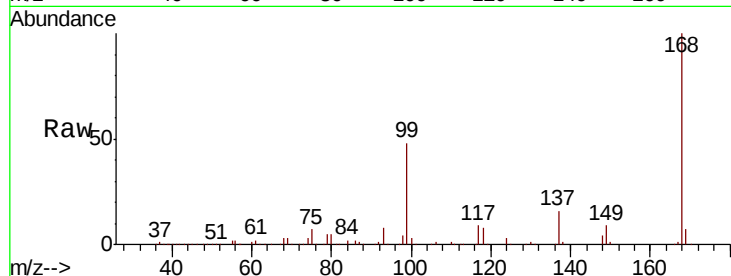
VX0712WBS01

Tot Ion:168 Resp: 238732

Ion Ratio Lower Upper

168 100

99 48.0 35.5 53.3



#2

Dichlorodifluoromethane

Concen: 20.499 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010825.D

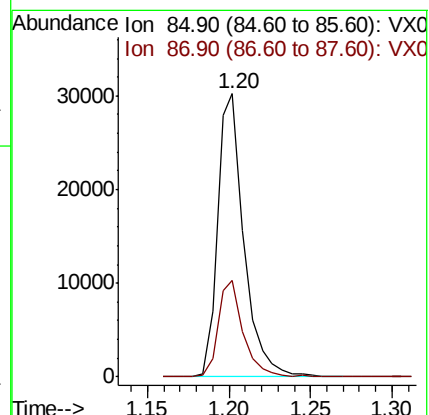
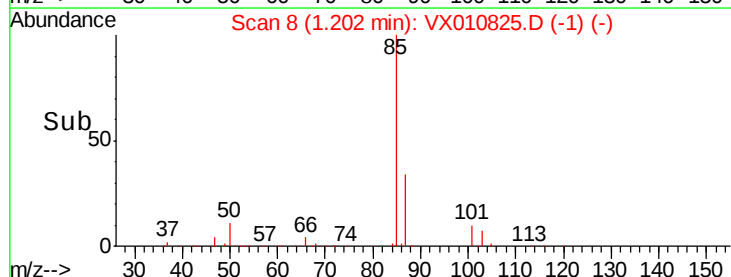
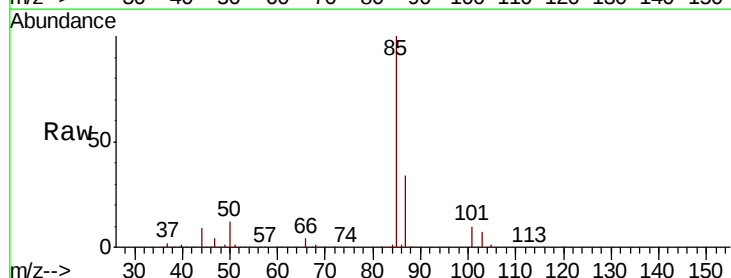
Acq: 12 Jul 2019 10:59

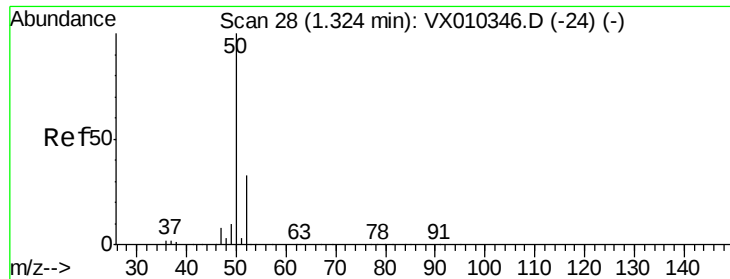
Tgt Ion: 85 Resp: 34023

Ion Ratio Lower Upper

85 100

87 34.2 16.3 48.8





#3

Chloromethane

Concen: 17.805 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

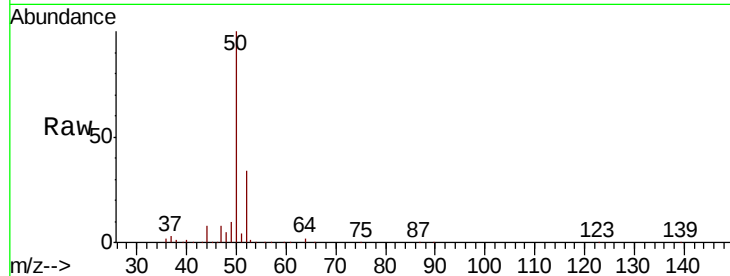
VX0712WBS01

Tot Ion: 50 Resp: 34411

Ion Ratio Lower Upper

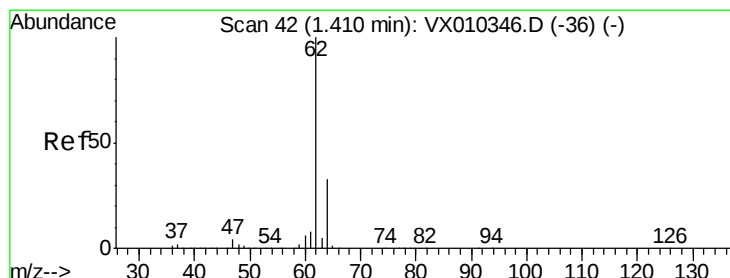
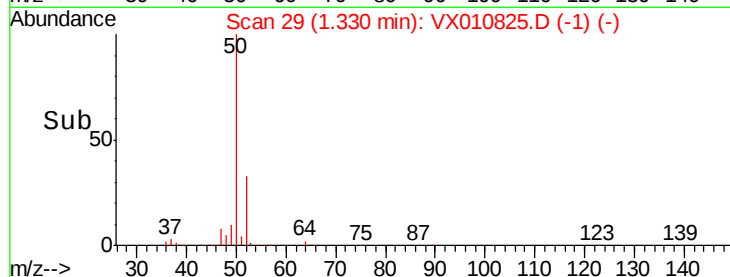
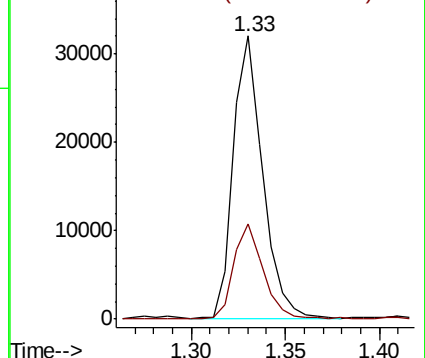
50 100

52 33.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.018 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010825.D

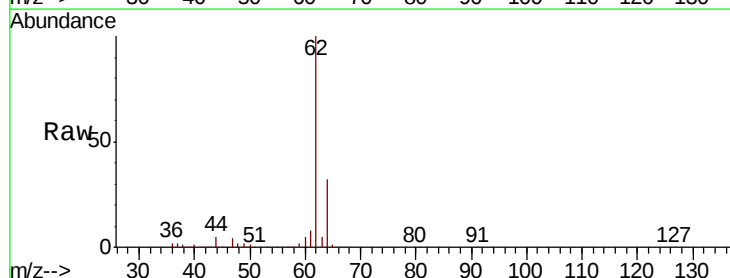
Acq: 12 Jul 2019 10:59

Tgt Ion: 62 Resp: 38141

Ion Ratio Lower Upper

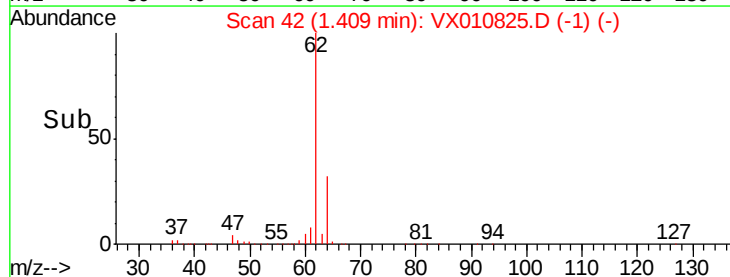
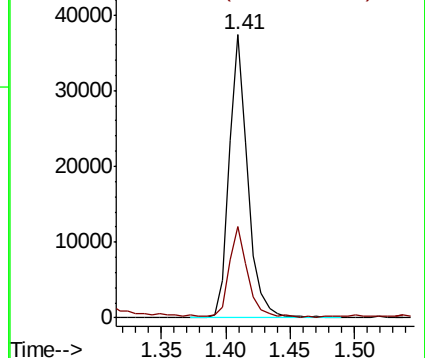
62 100

64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.076 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

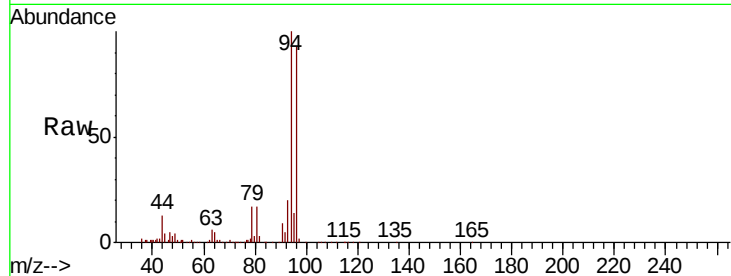
VX0712WBS01

Tot Ion: 94 Resp: 21735

Ion Ratio Lower Upper

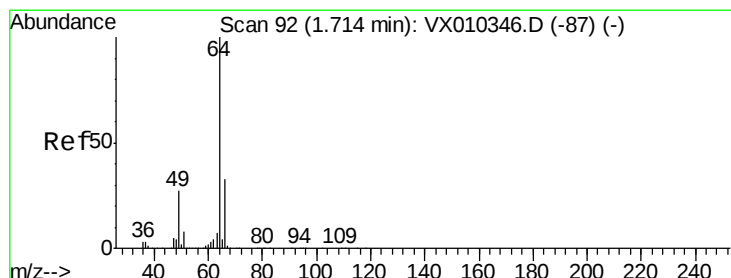
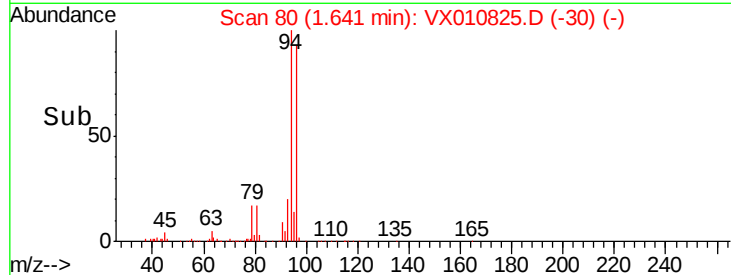
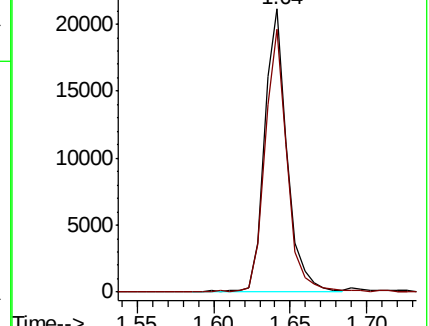
94 100

96 92.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.286 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010825.D

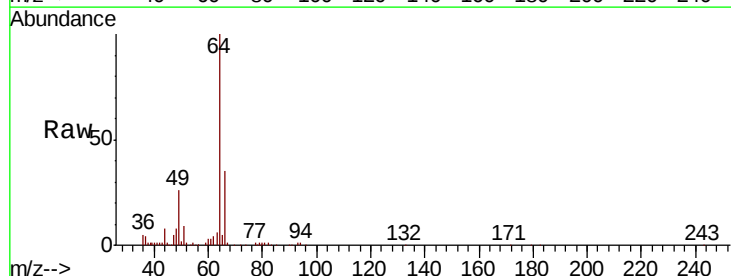
Acq: 12 Jul 2019 10:59

Tgt Ion: 64 Resp: 24086

Ion Ratio Lower Upper

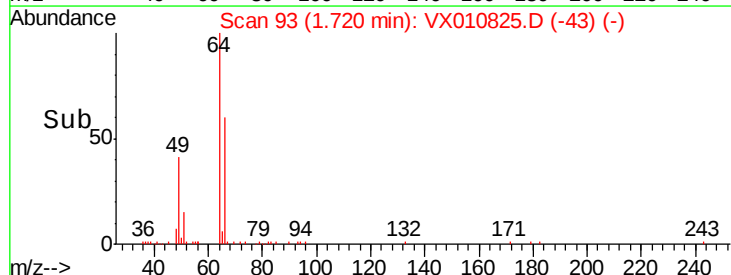
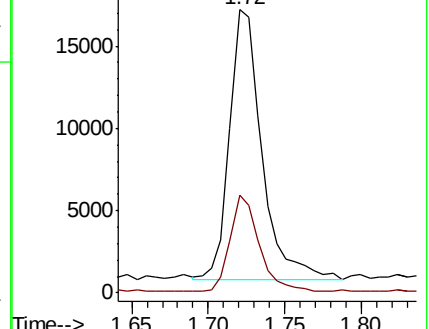
64 100

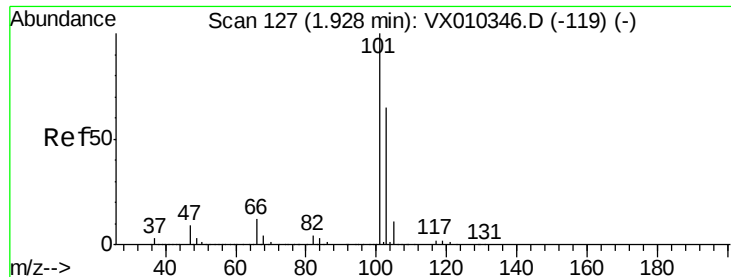
66 35.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



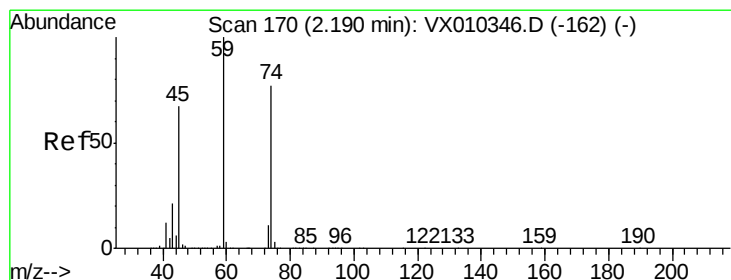
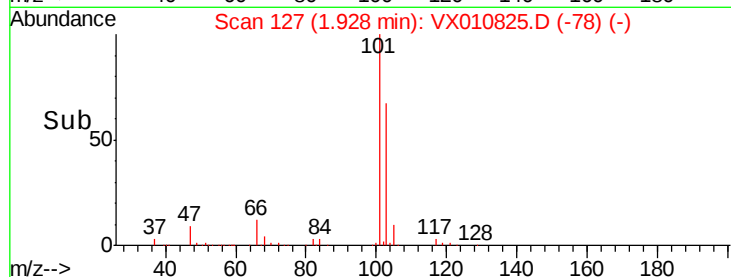
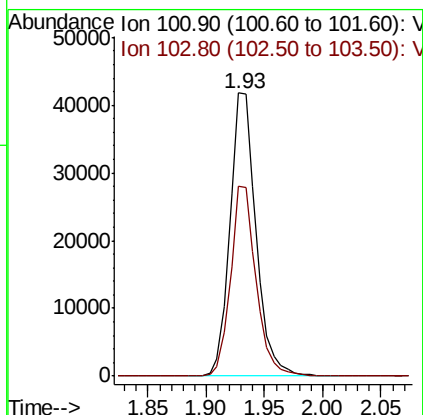
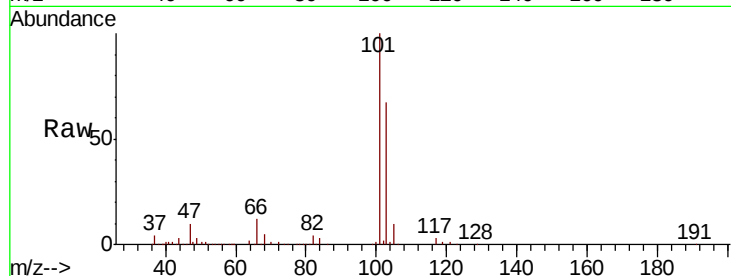


#7

Trichlorofluoromethane
Concen: 19.437 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

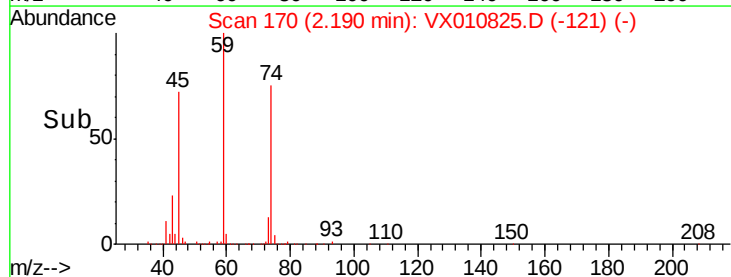
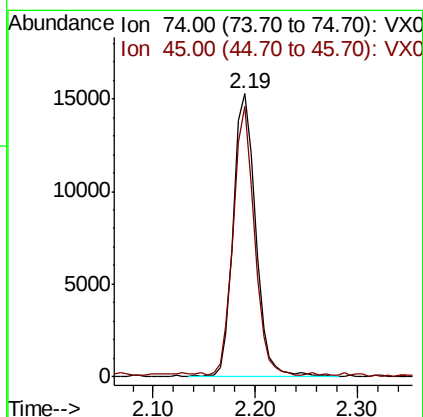
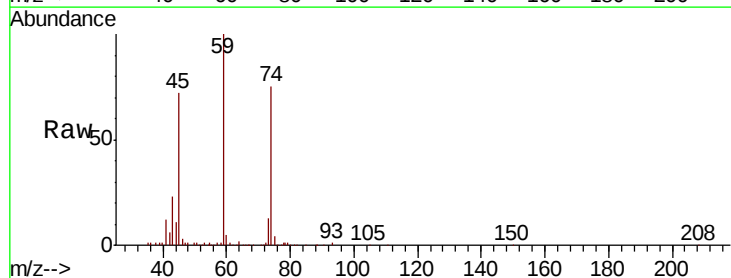
Tot Ion:101 Resp: 65225
Ion Ratio Lower Upper
101 100
103 67.3 52.3 78.5

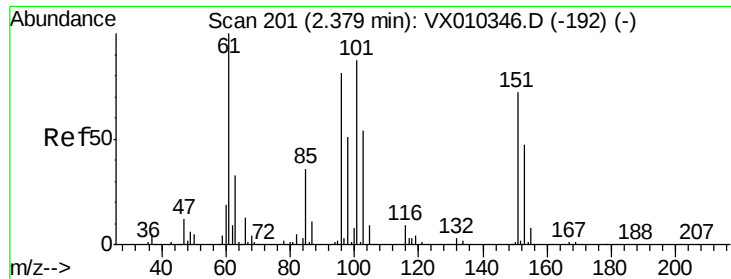


#8

Diethyl Ether
Concen: 19.248 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 74 Resp: 23163
Ion Ratio Lower Upper
74 100
45 88.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.731 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

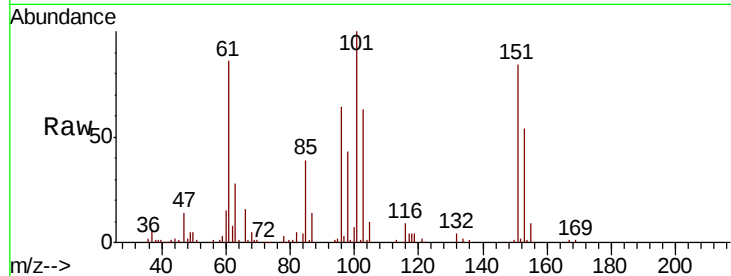
Tot Ion:101 Resp: 38090

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

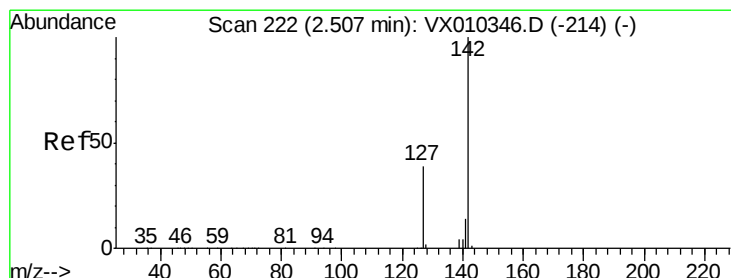
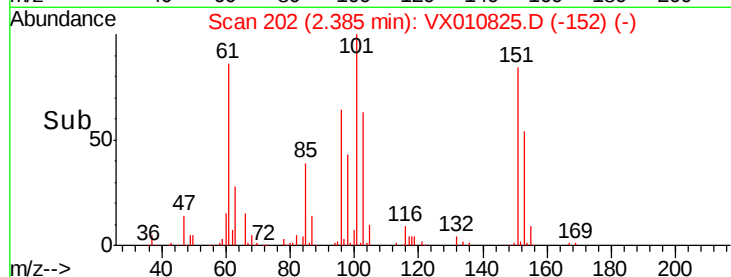
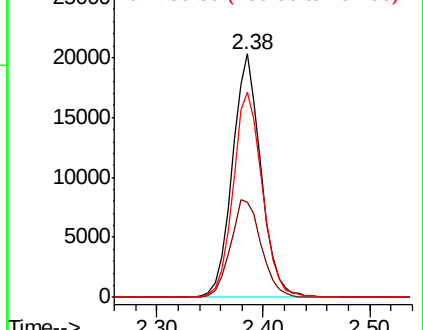
151 86.7 70.1 105.1



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: 12.549 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

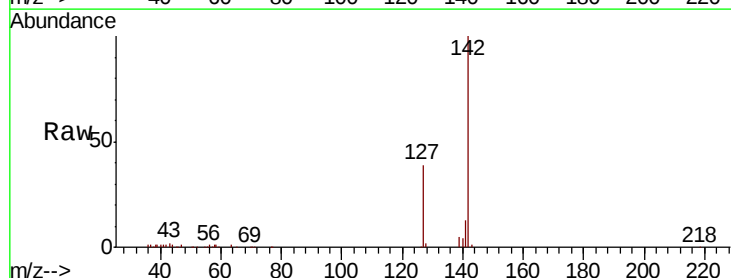
Tgt Ion:142 Resp: 36419

Ion Ratio Lower Upper

142 100

127 40.7 31.1 46.7

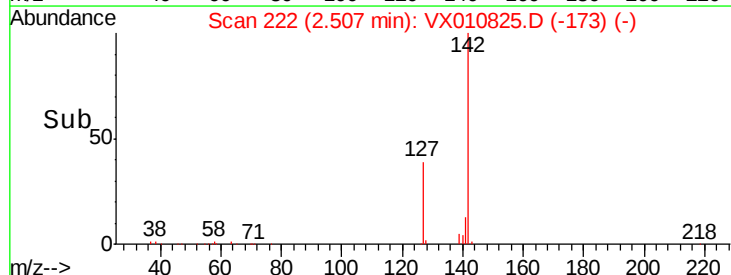
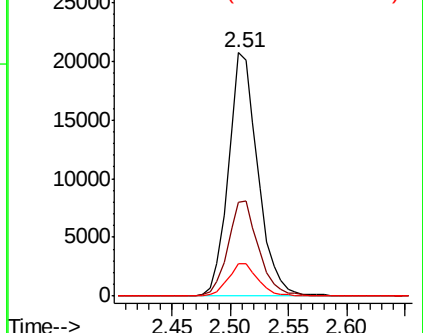
141 13.7 11.2 16.8

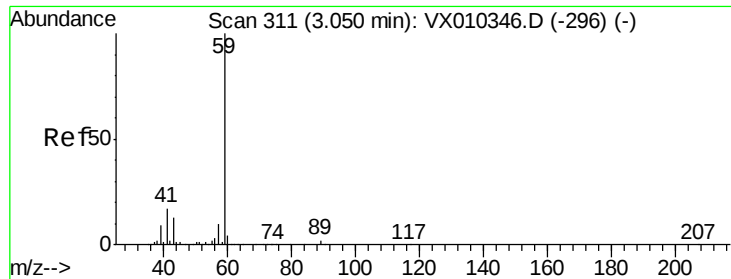


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

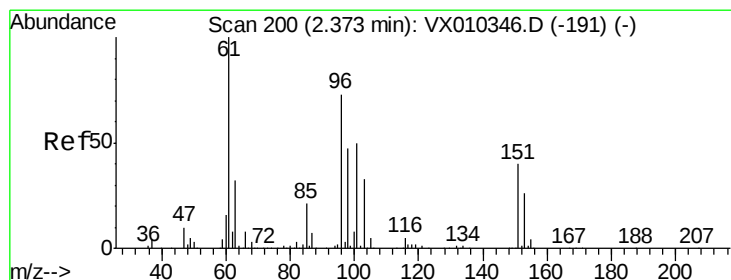
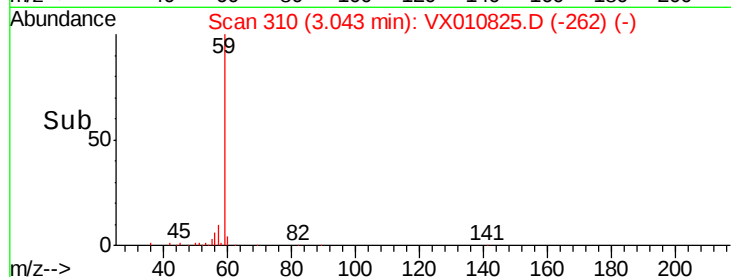
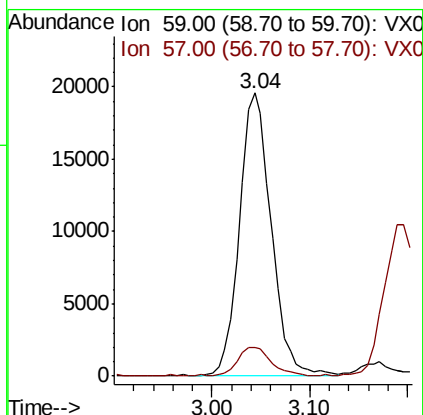
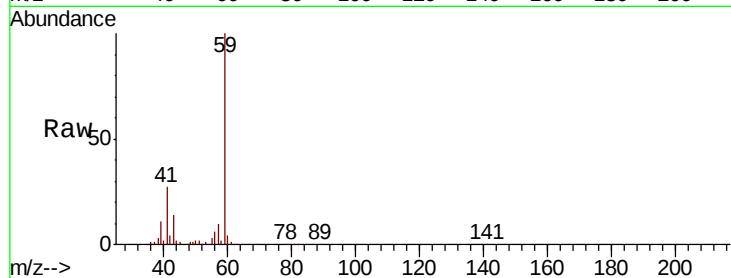




#11
Tert butyl alcohol
Concen: 75.629 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

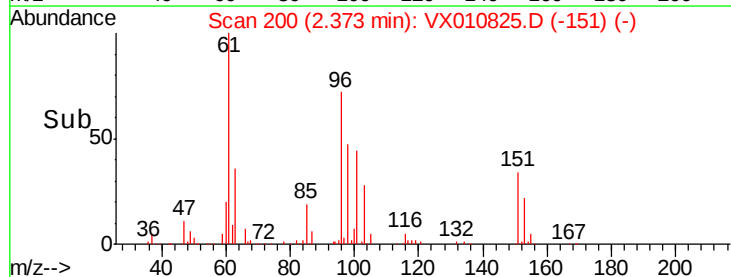
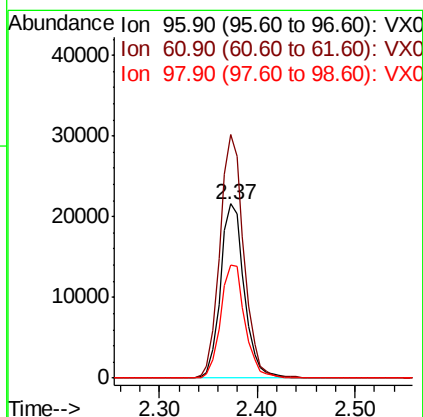
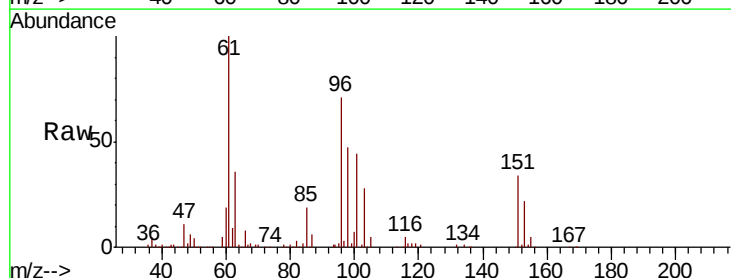
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

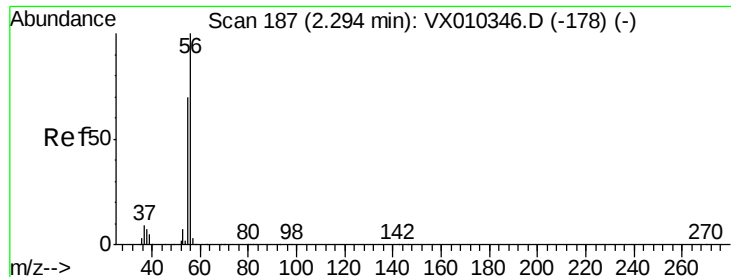
Tot Ion: 59 Resp: 44296
Ion Ratio Lower Upper
59 100
57 10.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 17.607 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 96 Resp: 36433
Ion Ratio Lower Upper
96 100
61 139.9 109.2 163.8
98 65.3 51.1 76.7





#13

Acrolein

Concen: 98.571 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

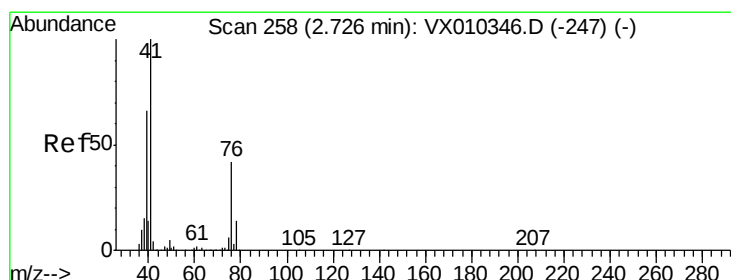
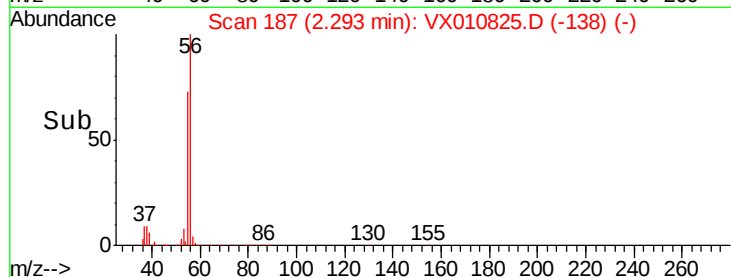
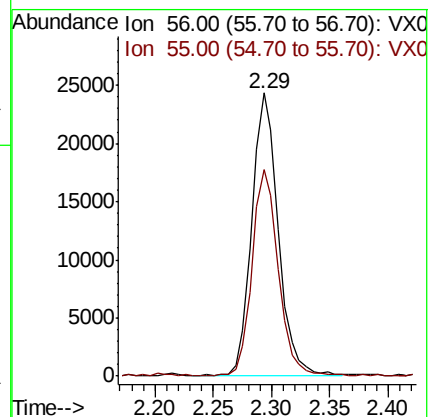
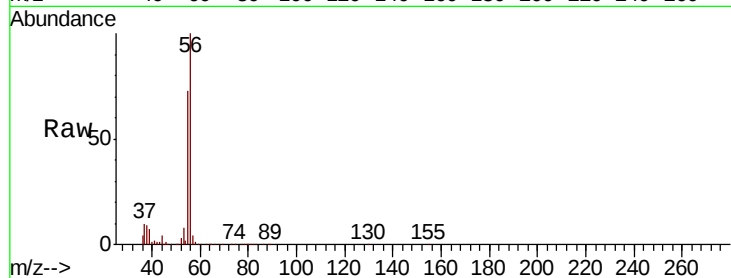
VX0712WBS01

Tot Ion: 56 Resp: 38299

Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3



#14

Allyl chloride

Concen: 18.058 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

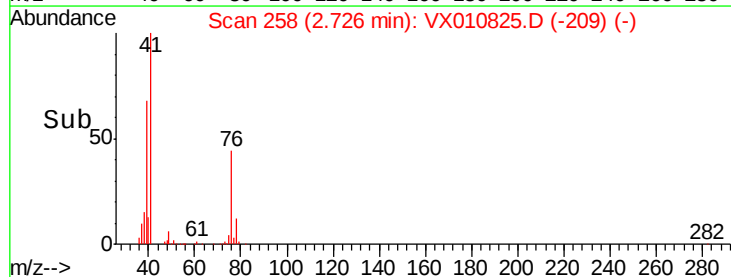
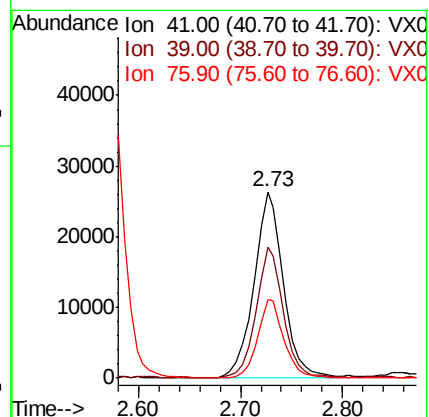
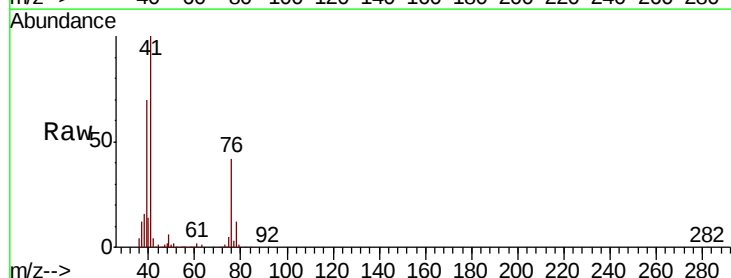
Tgt Ion: 41 Resp: 53050

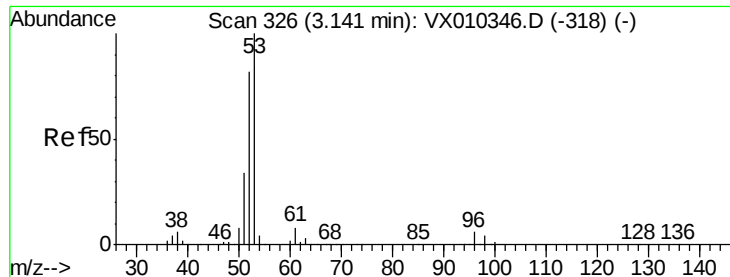
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 38.2 31.3 46.9





#15

Acrylonitrile

Concen: 91.191 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

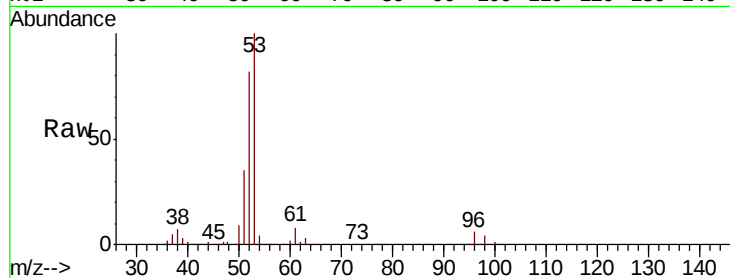
Tot Ion: 53 Resp: 105747

Ion Ratio Lower Upper

53 100

52 81.4 65.5 98.3

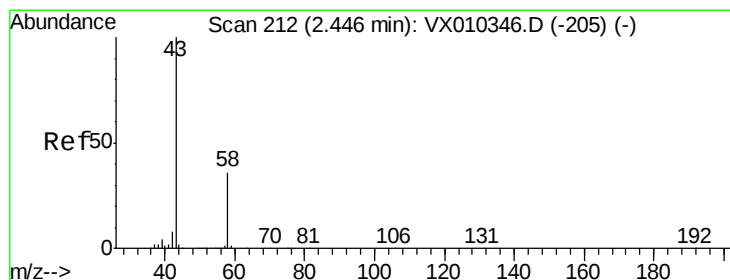
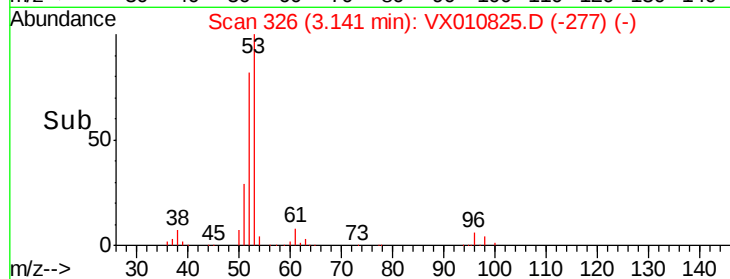
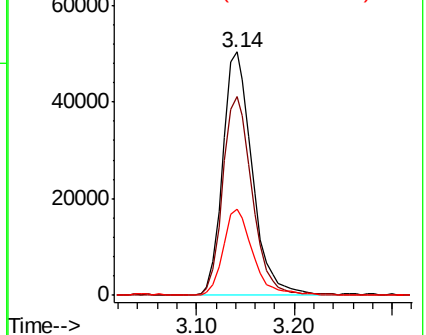
51 35.3 28.2 42.4



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: 93.563 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010825.D

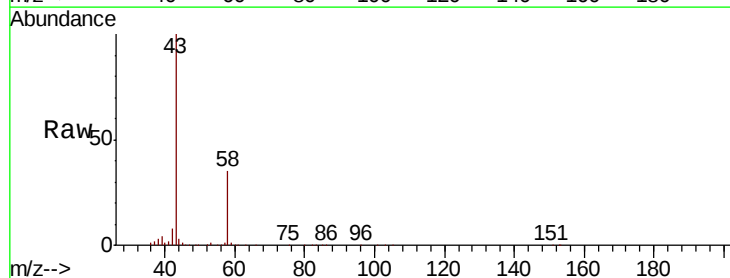
Acq: 12 Jul 2019 10:59

Tgt Ion: 43 Resp: 104958

Ion Ratio Lower Upper

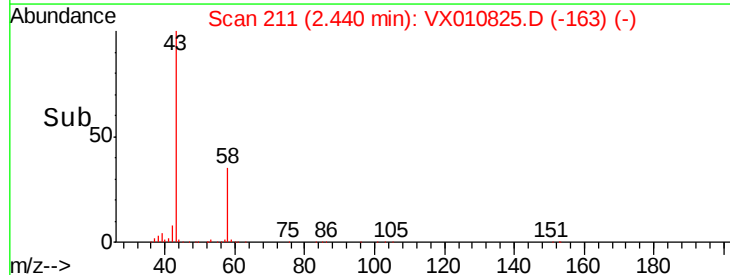
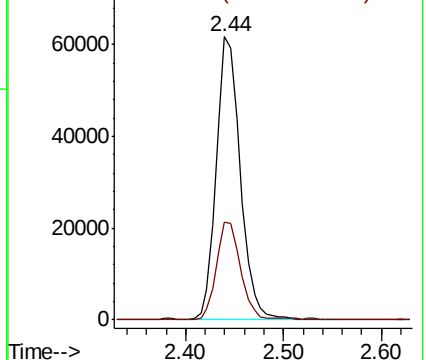
43 100

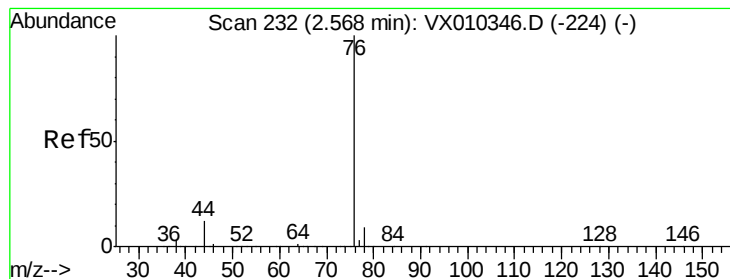
58 34.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.768 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

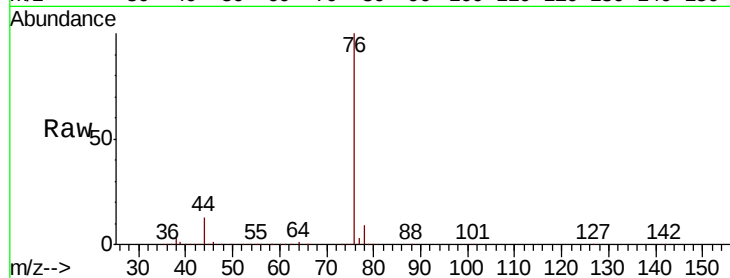
VX0712WBS01

Tot Ion: 76 Resp: 87537

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

50000

40000

30000

20000

10000

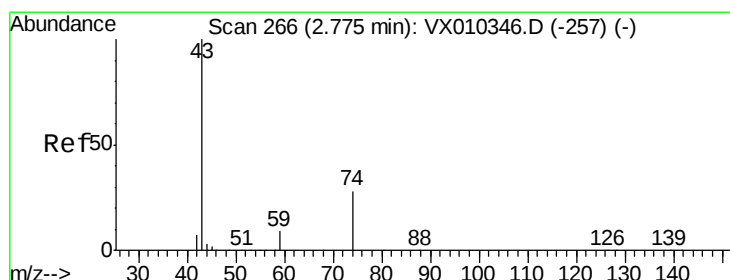
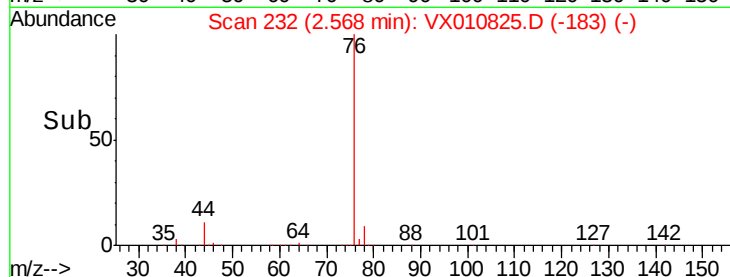
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 18.520 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010825.D

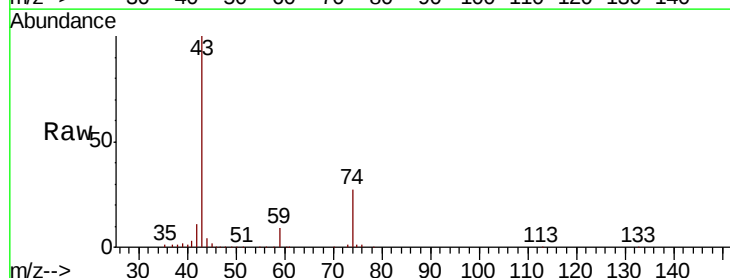
Acq: 12 Jul 2019 10:59

Tgt Ion: 43 Resp: 41407

Ion Ratio Lower Upper

43 100

74 27.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

25000

20000

15000

10000

5000

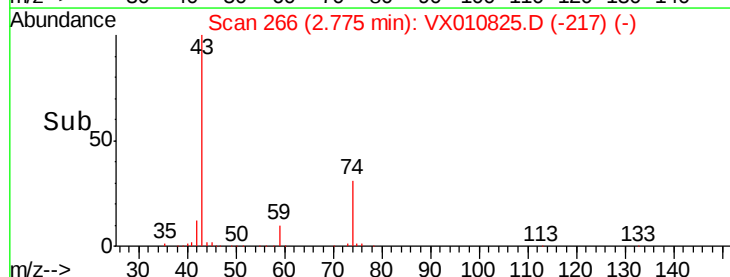
0

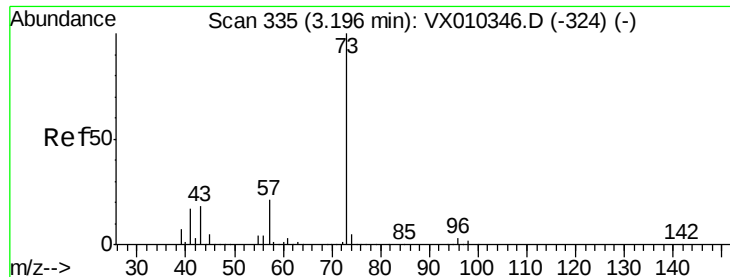
Time-->

2.70

2.80

2.90



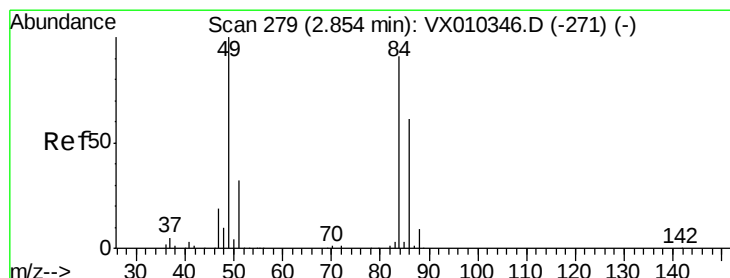
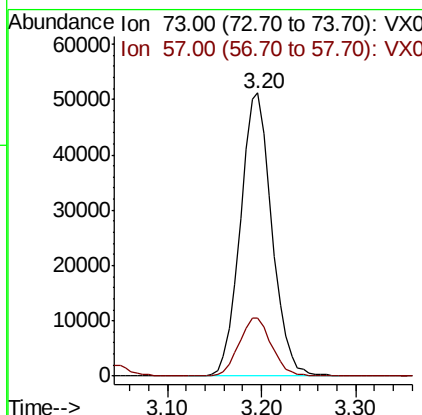
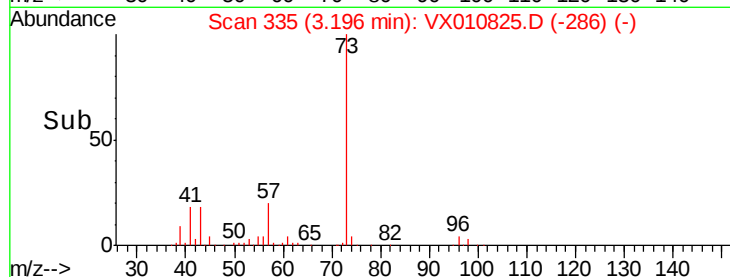
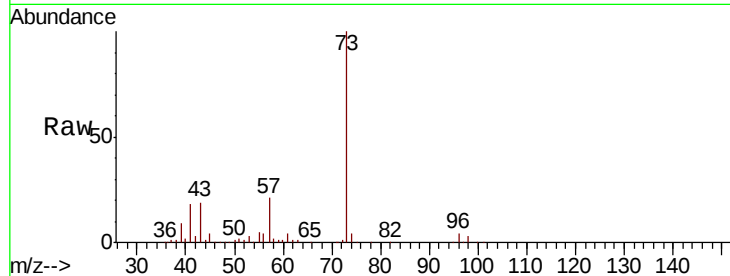


#19

Methyl tert-butyl Ether
 Concen: 18.386 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

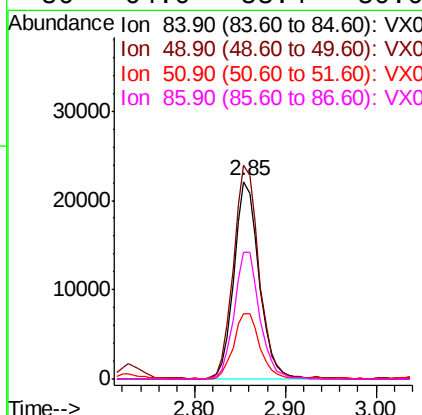
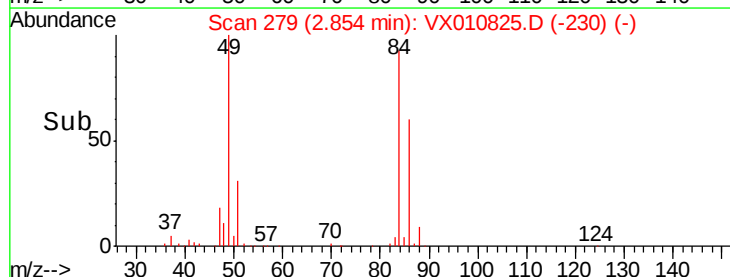
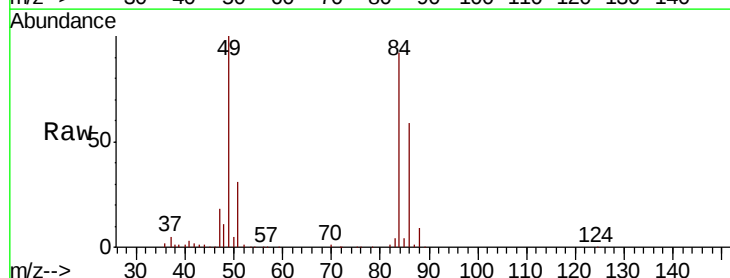
Tot Ion: 73 Resp: 119691
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.4 24.6

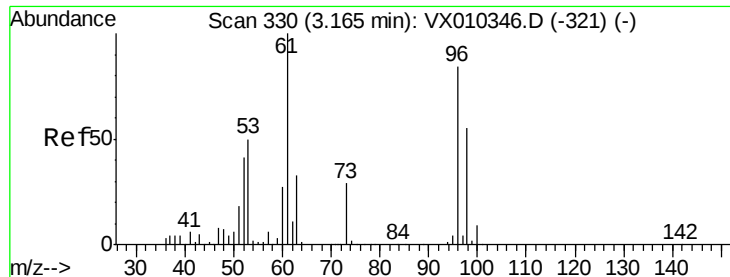


#20

Methylene Chloride
 Concen: 18.432 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 84 Resp: 42553
 Ion Ratio Lower Upper
 84 100
 49 108.0 87.5 131.3
 51 33.0 27.7 41.5
 86 64.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 17.447 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

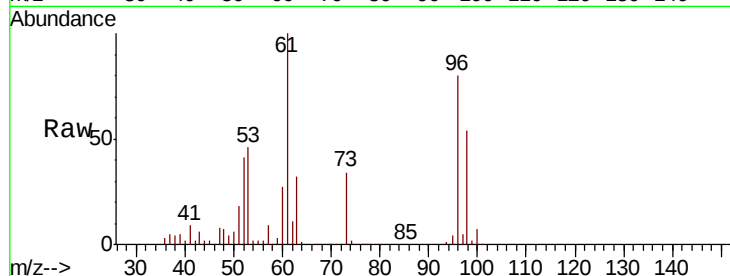
Tot Ion: 96 Resp: 38829

Ion Ratio Lower Upper

96 100

61 125.6 95.6 143.4

98 68.1 52.5 78.7

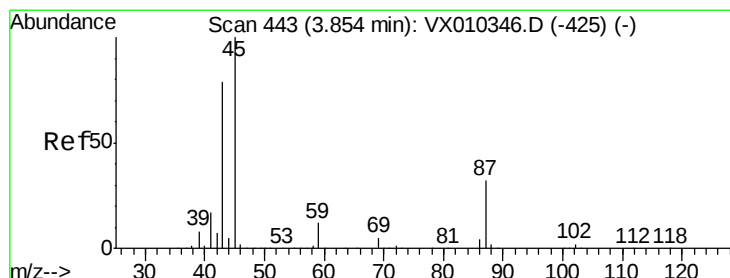
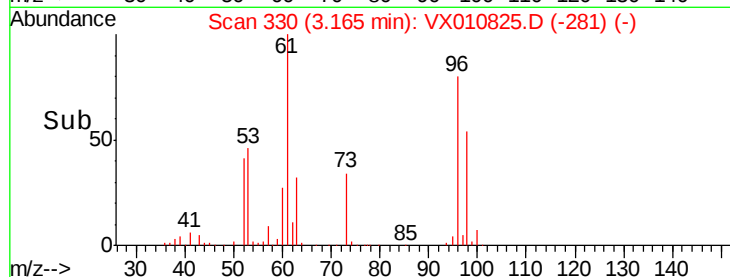
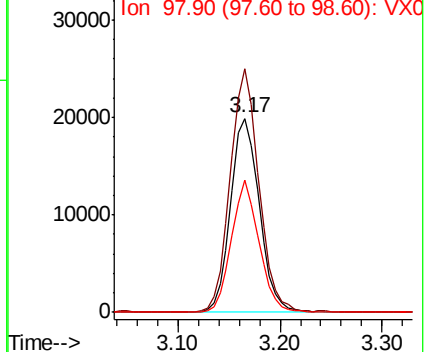


Abundance

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: 18.471 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Tgt Ion: 45 Resp: 113454

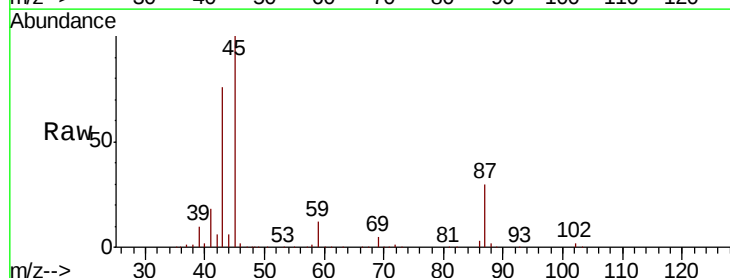
Ion Ratio Lower Upper

45 100

43 75.9 63.3 94.9

87 29.6 25.8 38.8

59 11.9 9.6 14.4



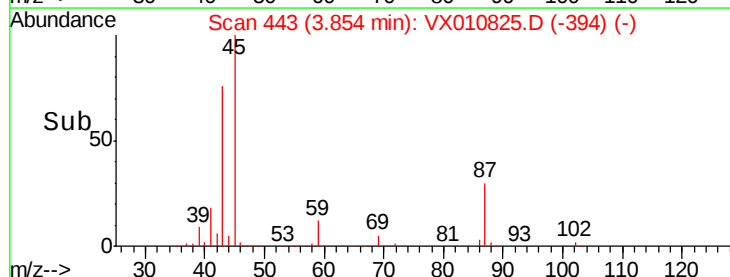
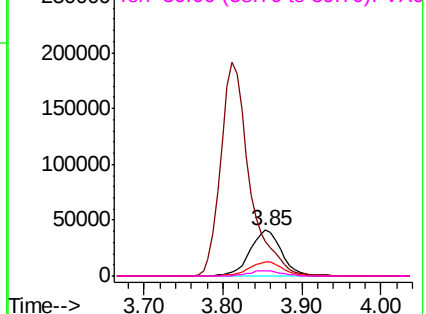
Abundance

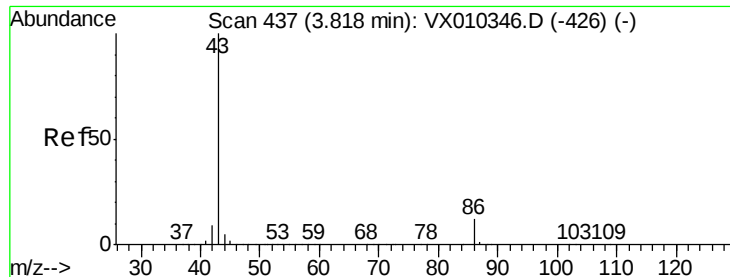
Ion 45.00 (44.70 to 45.70): VX0

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

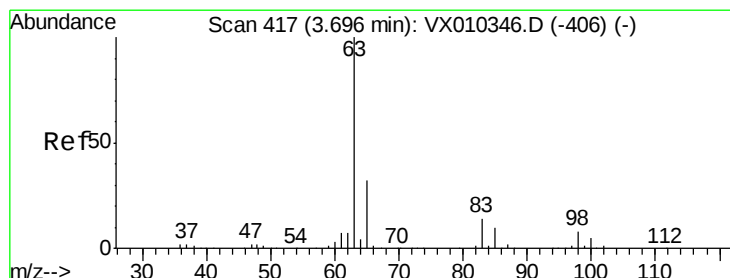
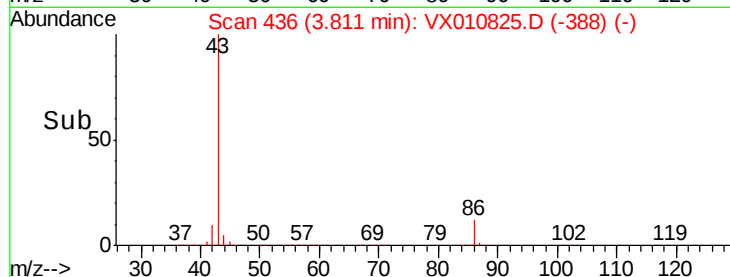
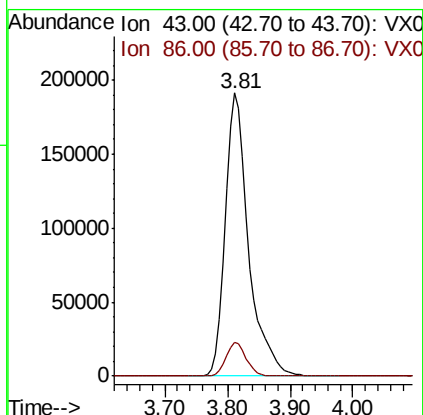
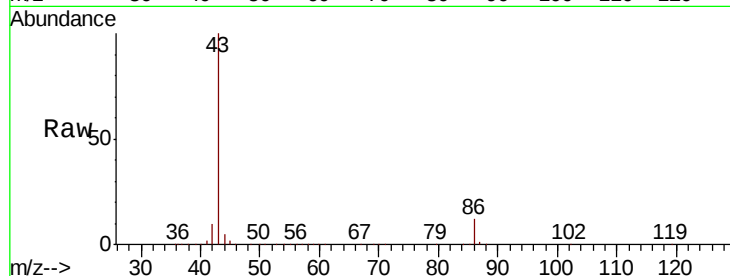




#23
 Vinyl Acetate
 Concen: 92.761 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

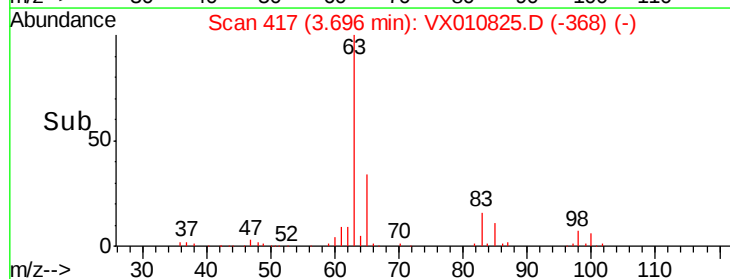
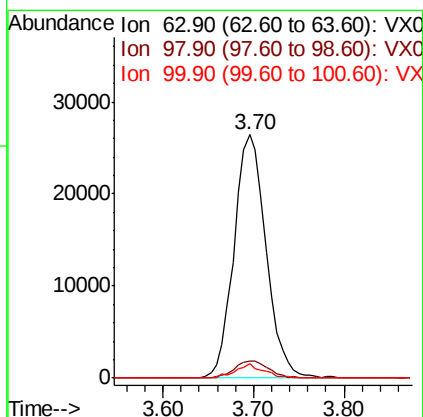
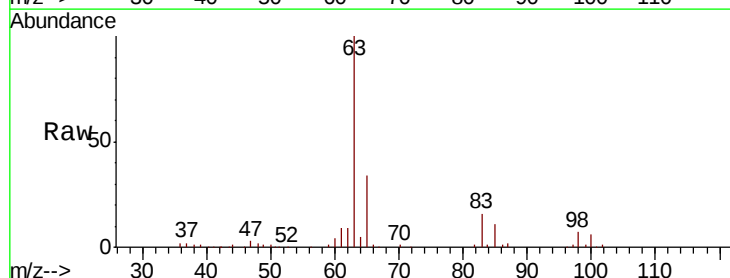
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

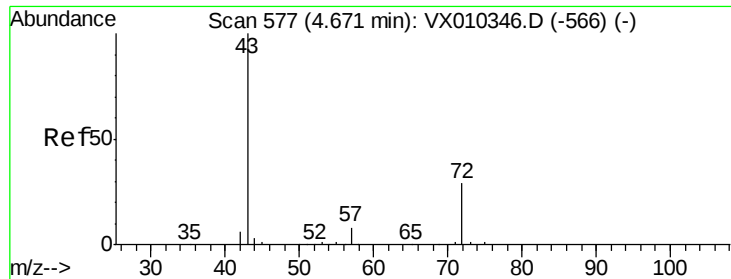
Tot Ion: 43 Resp: 492212
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 18.268 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 63 Resp: 64858
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 5.7 2.4 7.1





#25

2-Butanone

Concen: 89.238 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

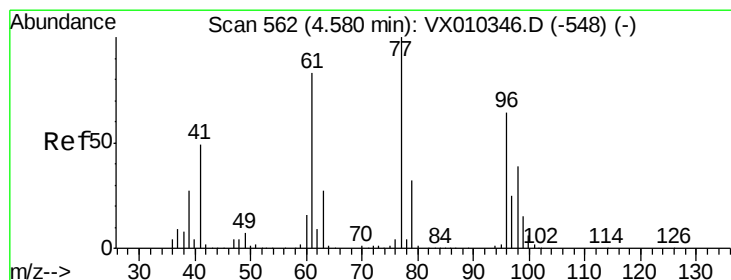
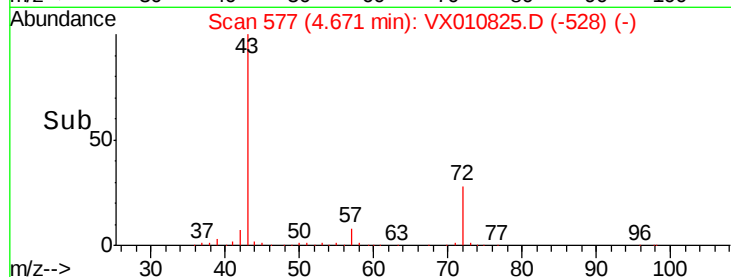
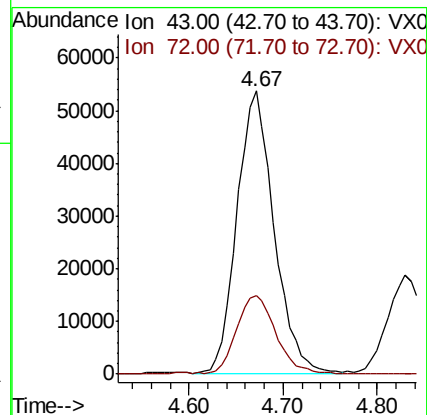
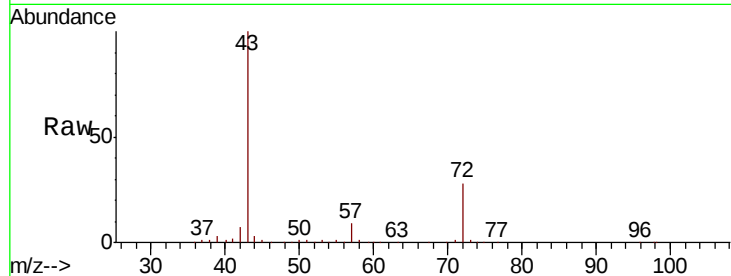
VX0712WBS01

Tot Ion: 43 Resp: 146843

Ion Ratio Lower Upper

43 100

72 27.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 17.016 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010825.D

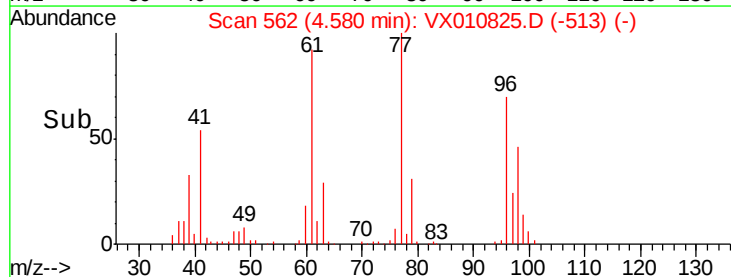
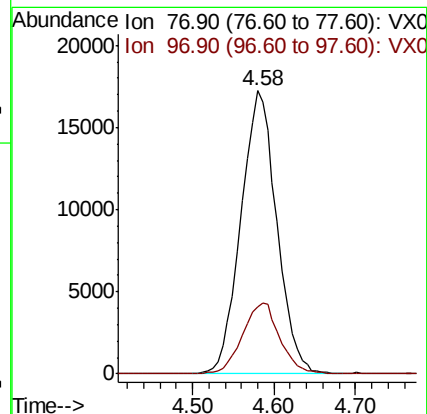
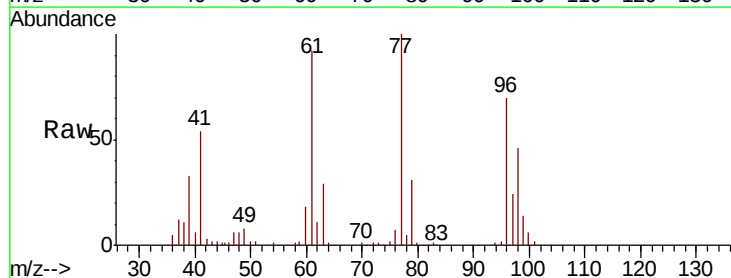
Acq: 12 Jul 2019 10:59

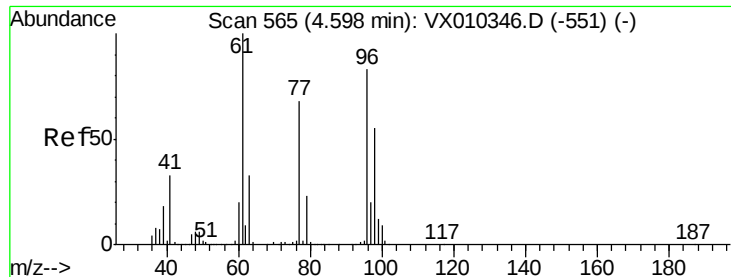
Tgt Ion: 77 Resp: 52482

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



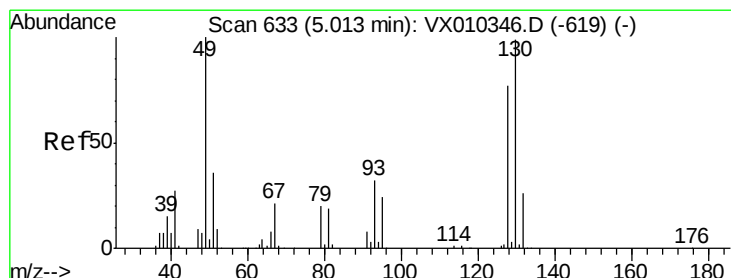
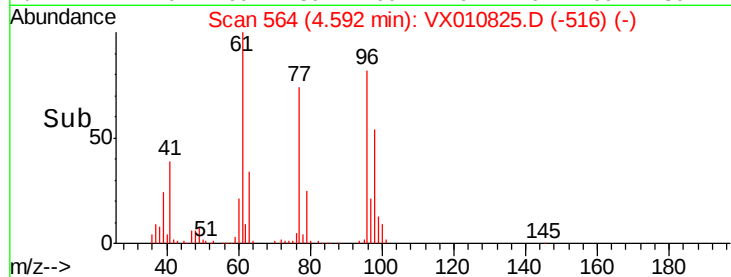
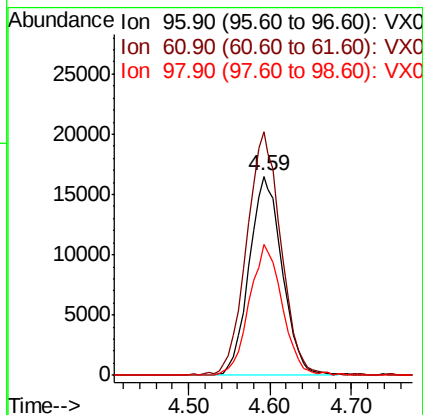
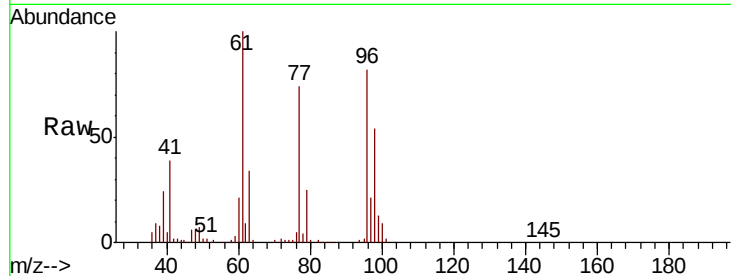


#27

cis-1,2-Dichloroethene
 Concen: 18.154 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0712WBS01

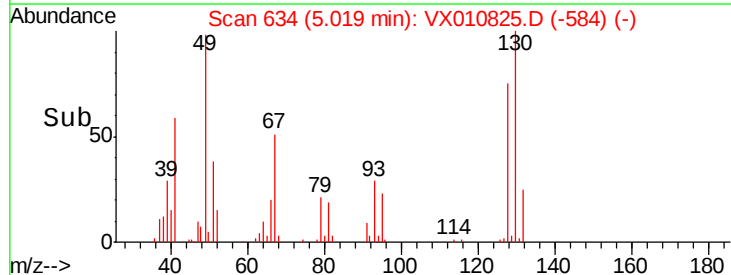
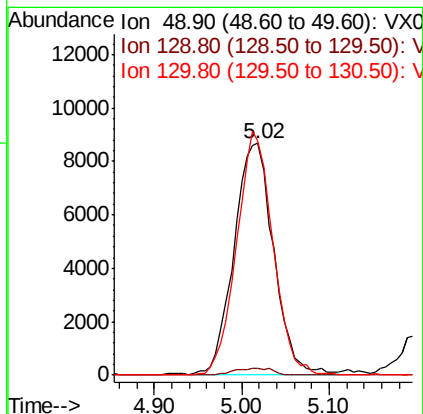
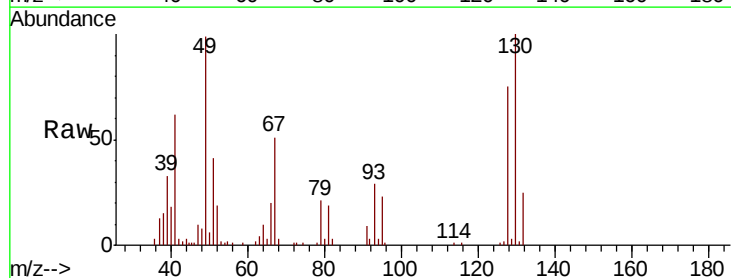
Tot Ion: 96 Resp: 46688
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 251.8
 98 64.9 0.0 129.4

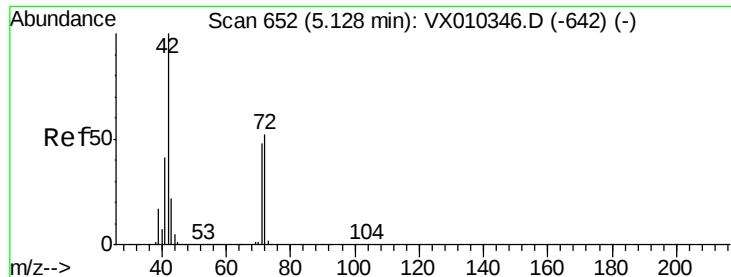


#28

Bromochloromethane
 Concen: 16.177 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 49 Resp: 27460
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 96.0 81.4 122.0

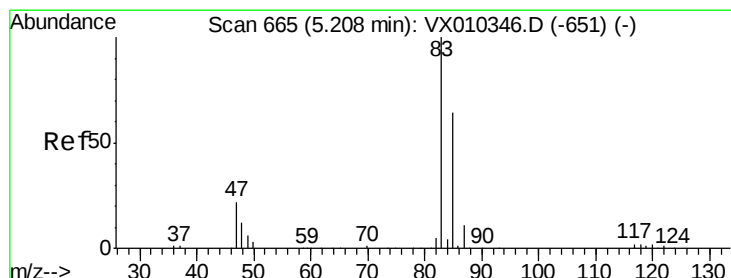
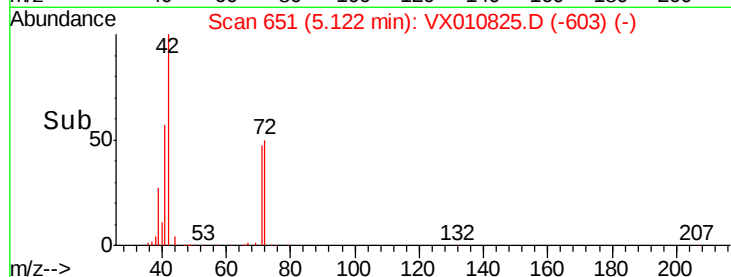
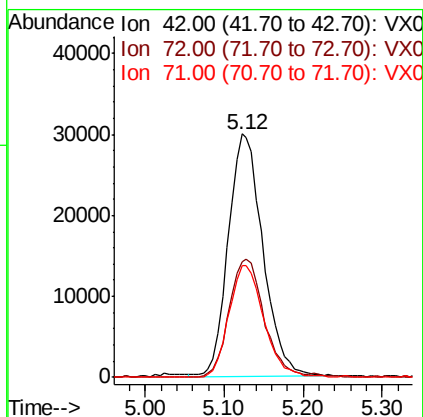
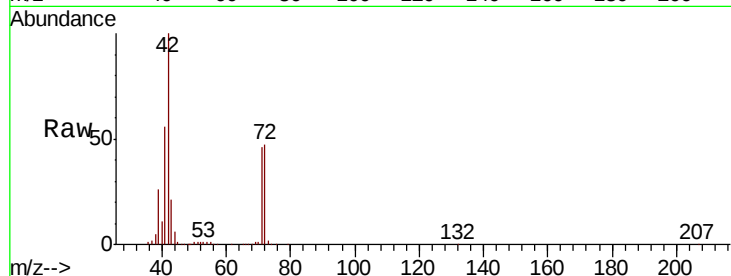




#29
Tetrahydrofuran
Concen: 89.570 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

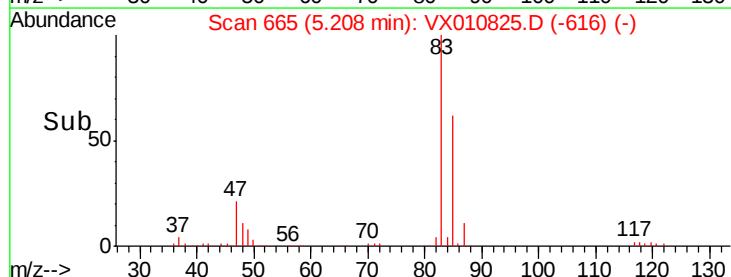
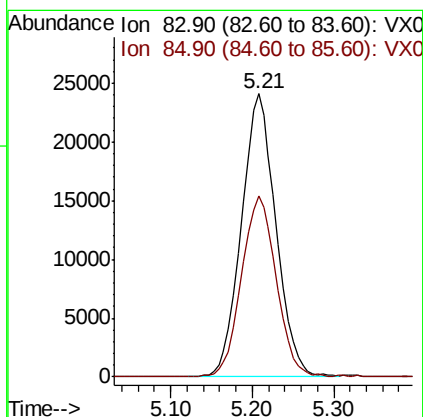
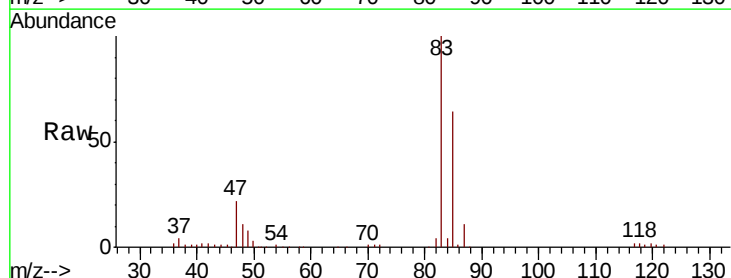
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Tot Ion: 42 Resp: 91294
Ion Ratio Lower Upper
42 100
72 49.6 40.6 60.8
71 46.6 37.8 56.8



#30
Chloroform
Concen: 18.525 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 83 Resp: 70766
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3





#31

Cyclohexane

Concen: 17.672 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

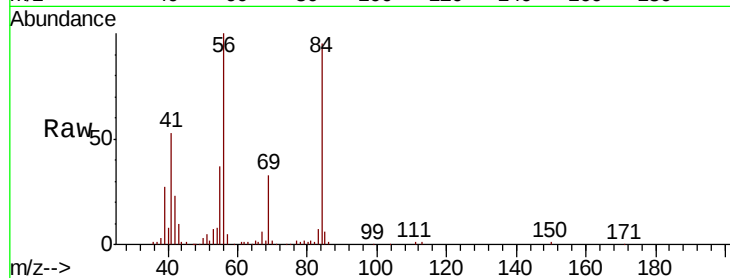
Tot Ion: 56 Resp: 57136

Ion Ratio Lower Upper

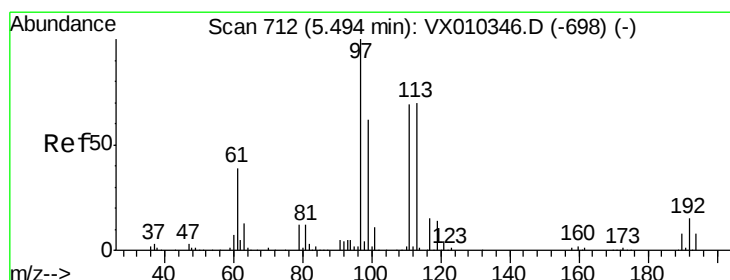
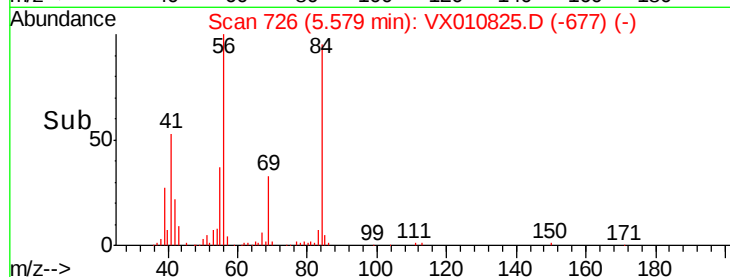
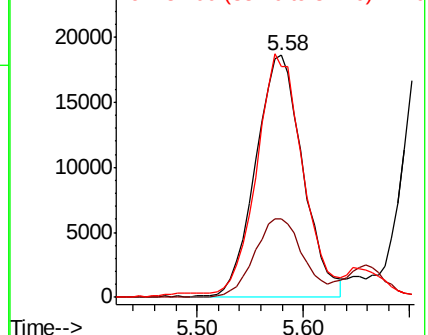
56 100

69 32.8 25.9 38.9

84 93.9 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.480 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

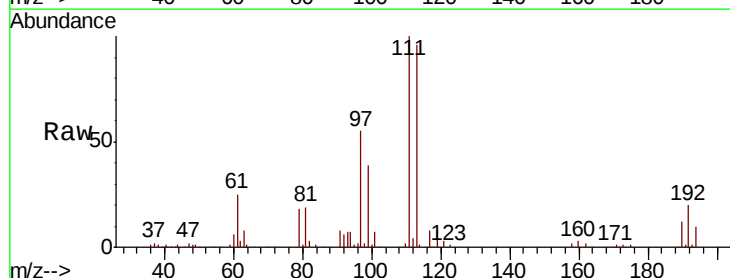
Tgt Ion: 97 Resp: 58960

Ion Ratio Lower Upper

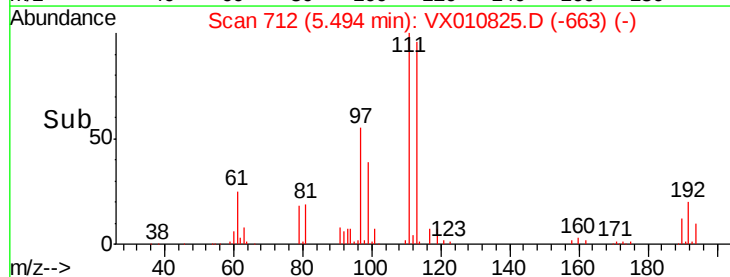
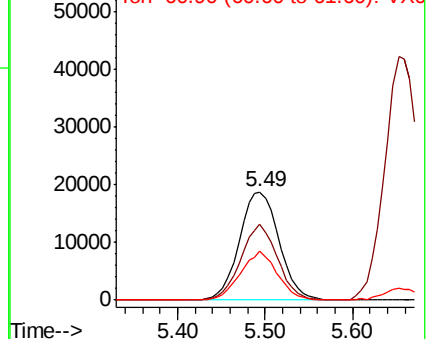
97 100

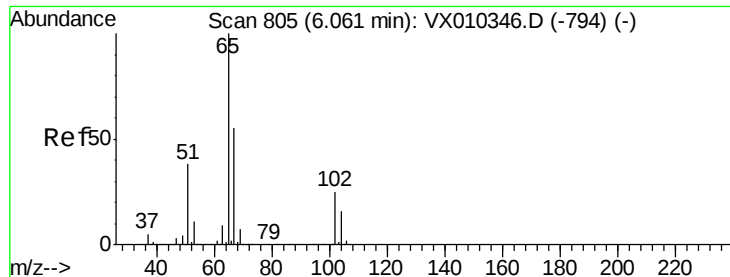
99 65.1 51.8 77.8

61 42.7 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.378 ug/l

RT: 6.05 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

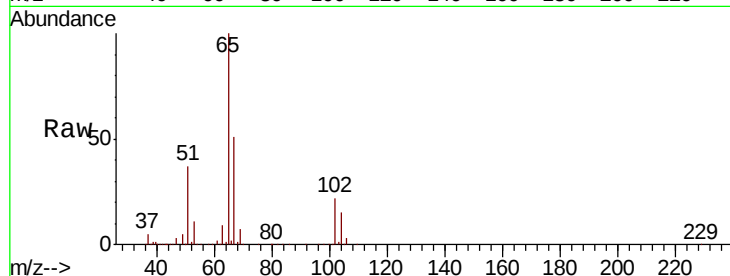
VX0712WBS01

Tot Ion: 65 Resp: 99334

Ion Ratio Lower Upper

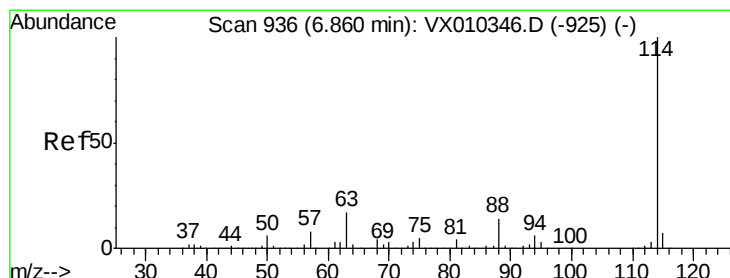
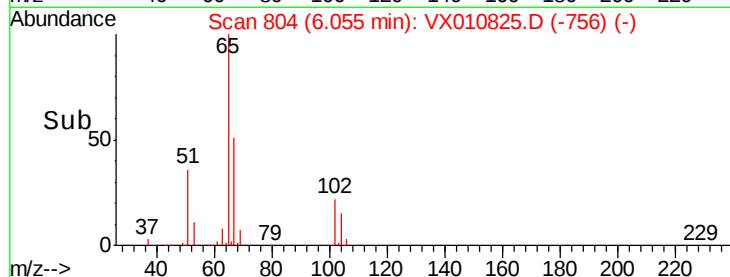
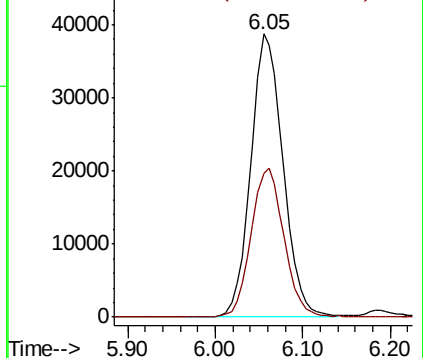
65 100

67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

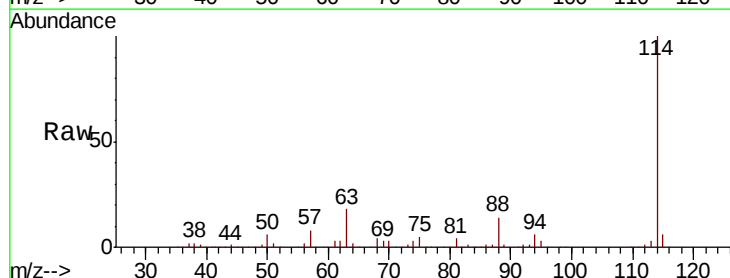
Tgt Ion: 114 Resp: 356264

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

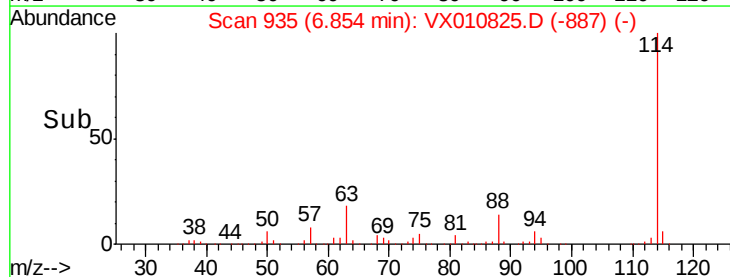
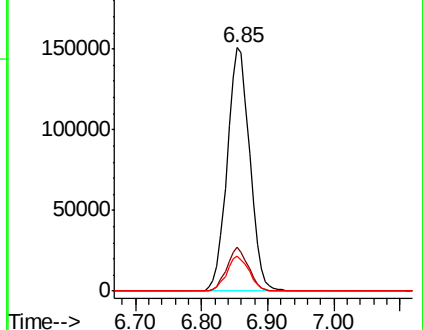
88 14.5 0.0 27.6

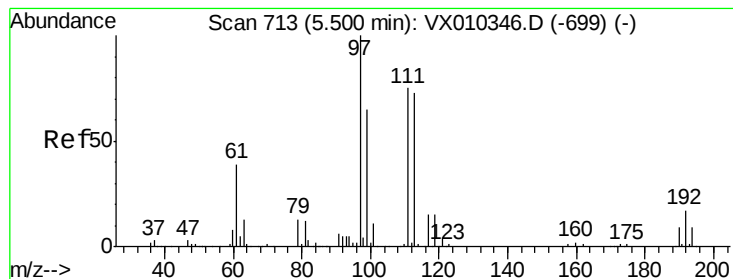


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.621 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

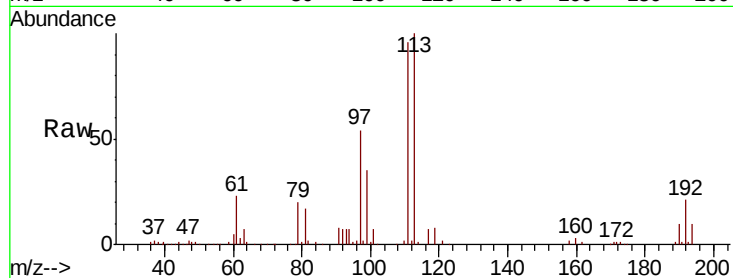
Tot Ion:113 Resp: 95084

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

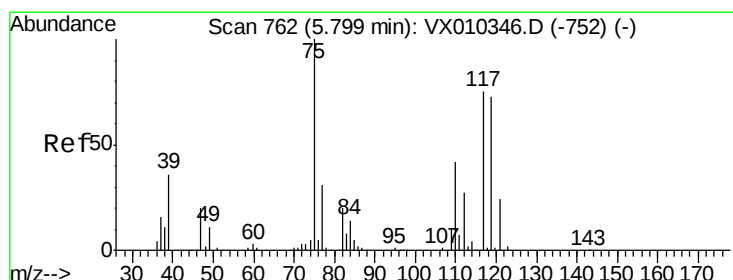
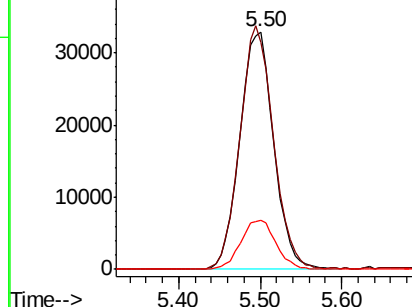
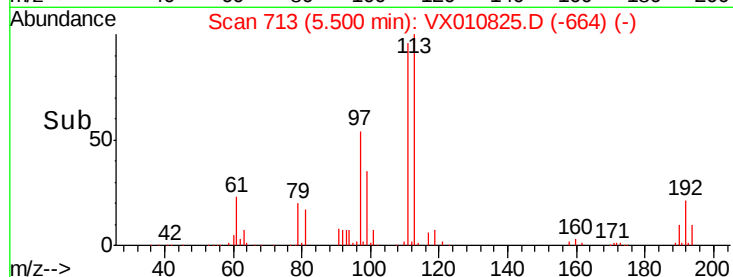
192 21.5 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.572 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

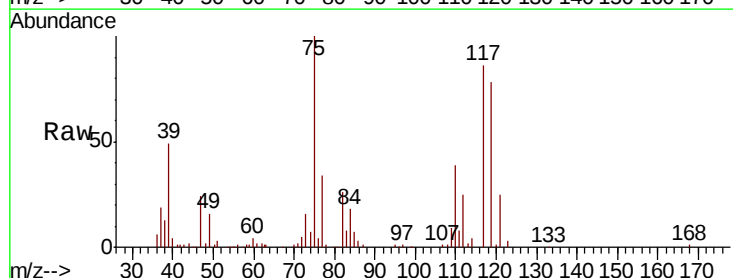
Tgt Ion: 75 Resp: 49747

Ion Ratio Lower Upper

75 100

110 42.1 20.8 62.2

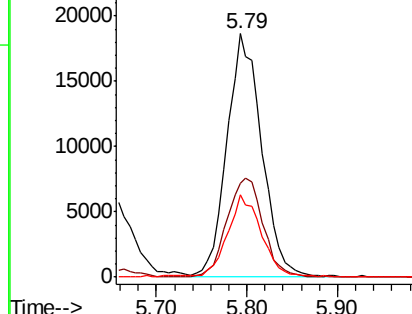
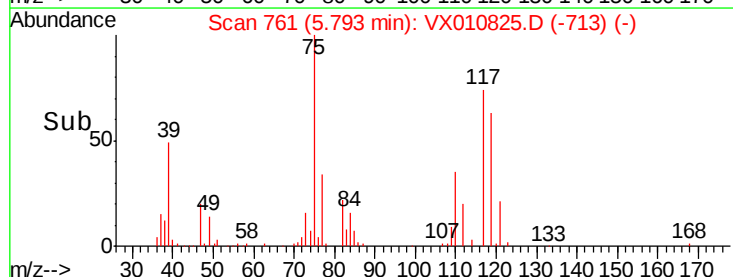
77 33.0 25.4 38.0

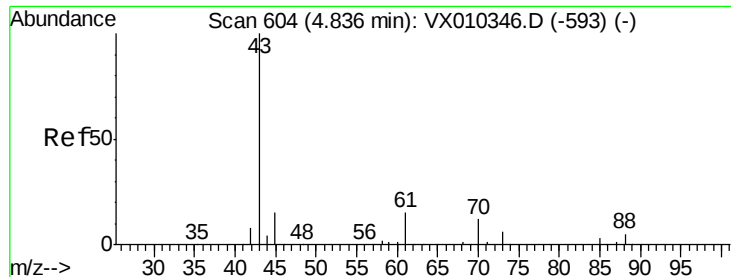


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

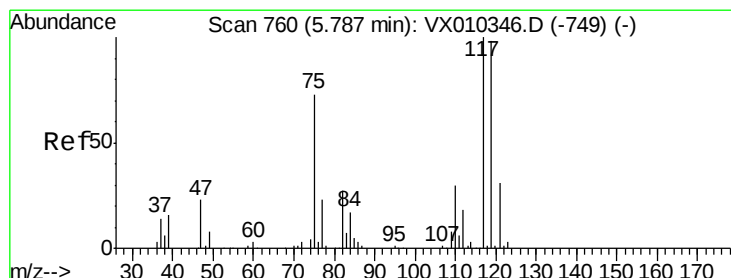
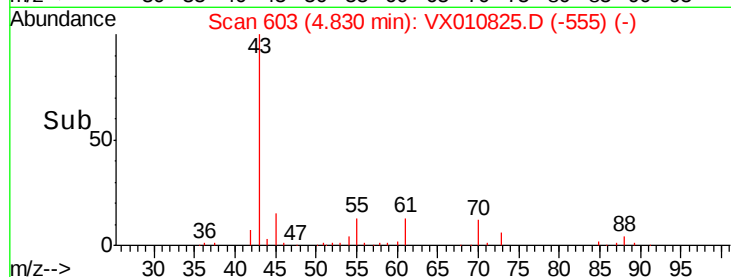
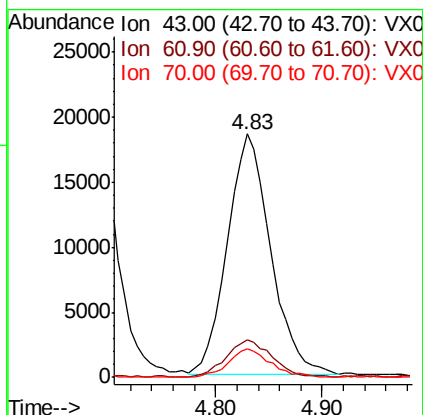
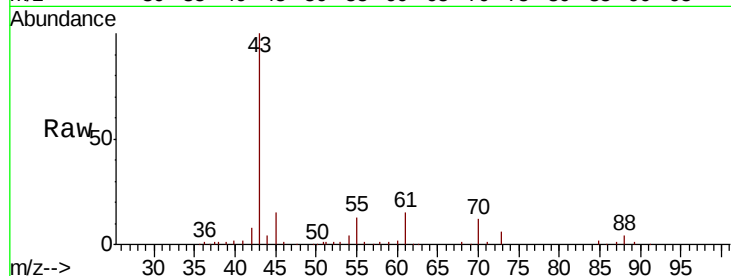




#37
Ethyl Acetate
Concen: 18.095 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

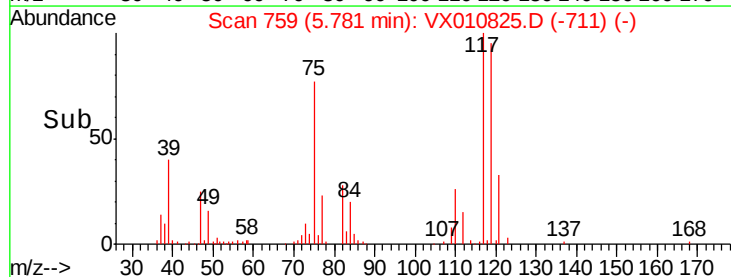
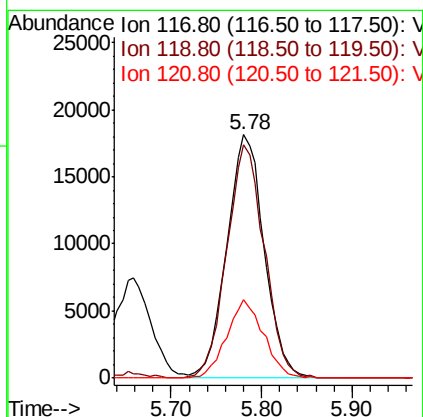
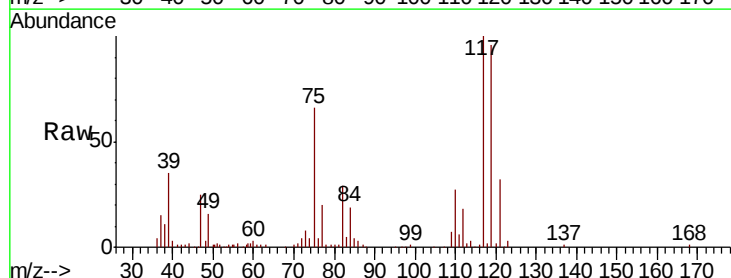
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Tot Ion: 43 Resp: 52702
Ion Ratio Lower Upper
43 100
61 16.7 12.4 18.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 16.933 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 117 Resp: 51912
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4
121 32.3 24.7 37.1

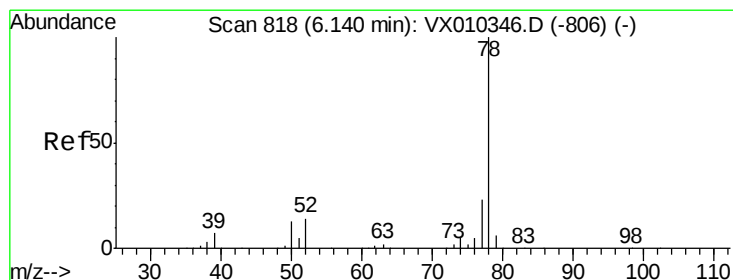
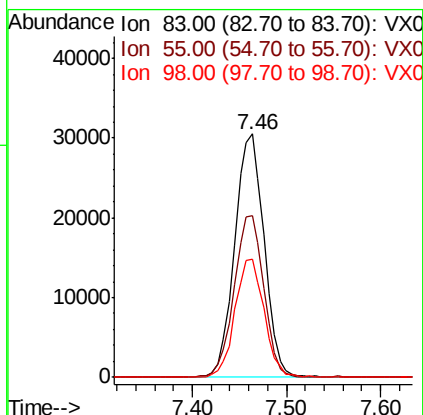
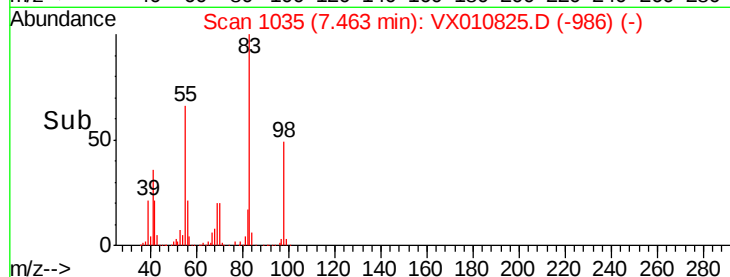
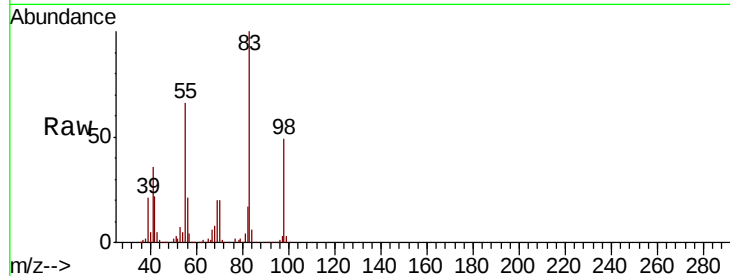




#39
Methvlcvclohexane
Concen: 17.823 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

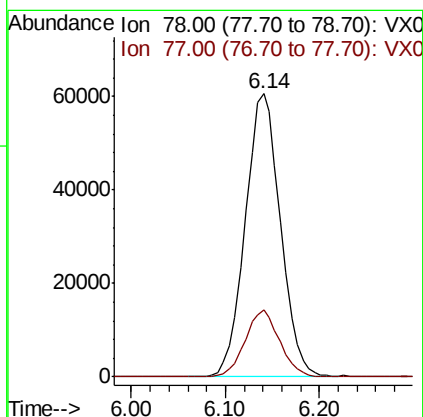
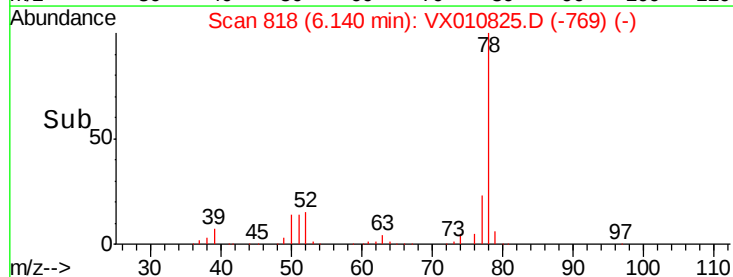
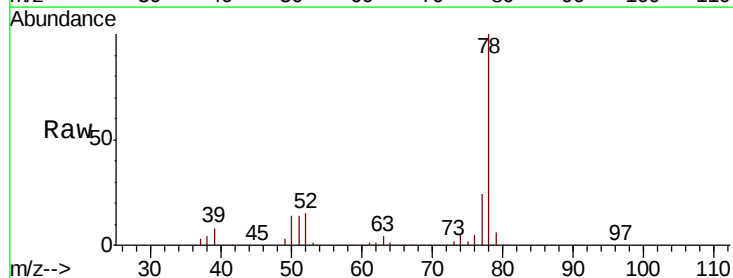
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

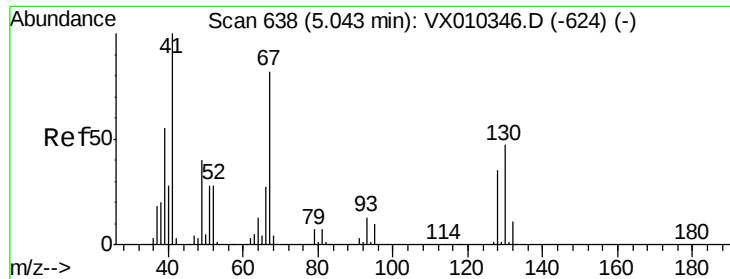
Tot Ion: 83 Resp: 66324
Ion Ratio Lower Upper
83 100
55 66.2 53.0 79.6
98 48.6 37.8 56.8



#40
Benzene
Concen: 18.036 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 78 Resp: 159076
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

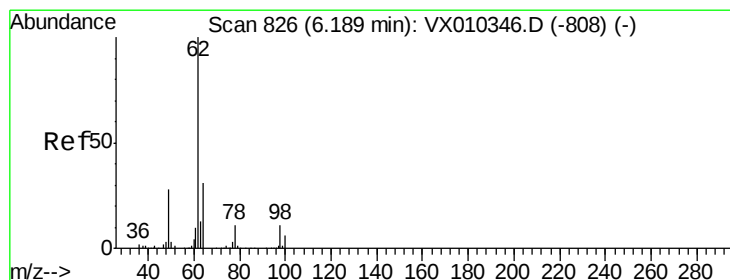
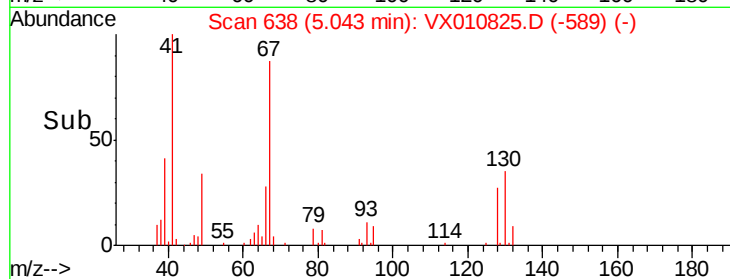
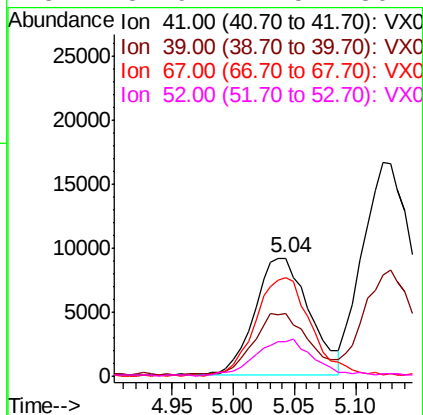
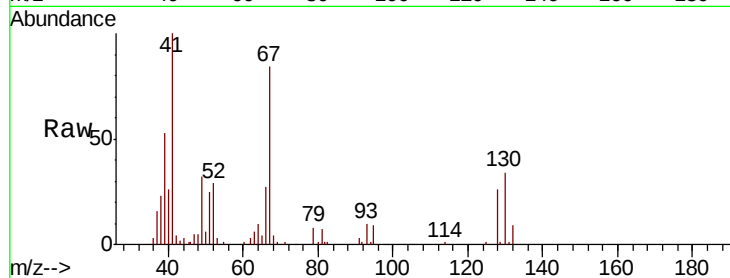




#41
Methacrylonitrile
Concen: 17.813 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

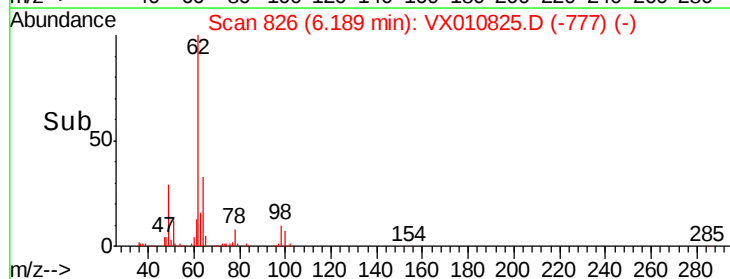
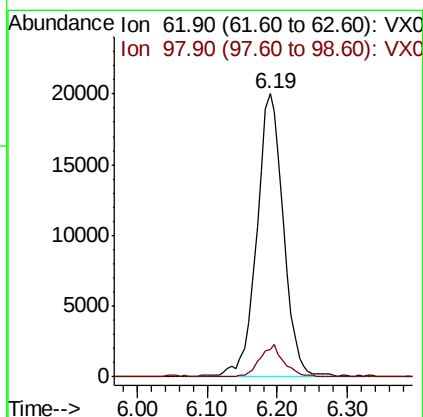
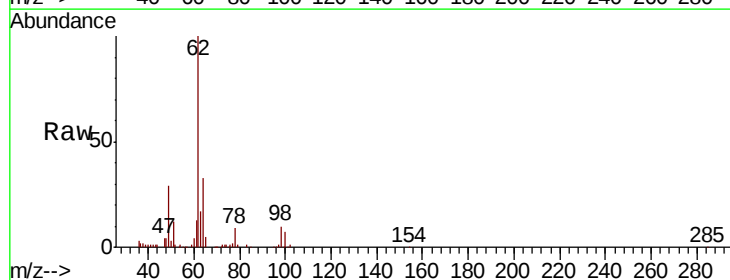
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS01

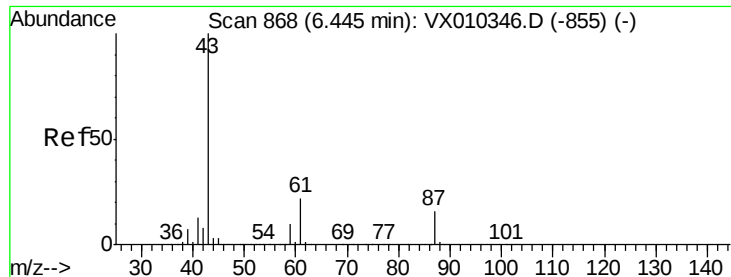
Tot Ion: 41 Resp: 28466
Ion Ratio Lower Upper
41 100
39 54.0 43.8 65.8
67 87.1 66.6 100.0
52 32.9 24.5 36.7



#42
1,2-Dichloroethane
Concen: 19.730 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 62 Resp: 52972
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.2



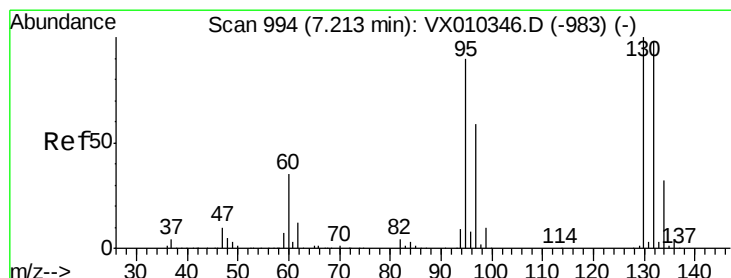
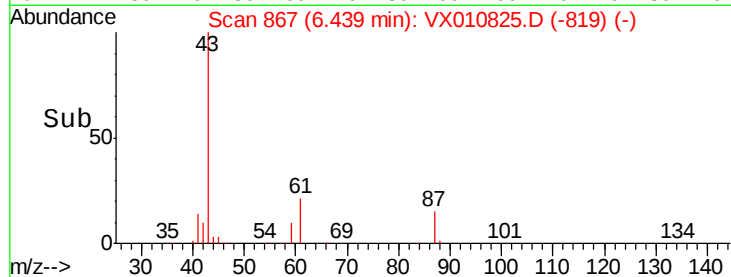
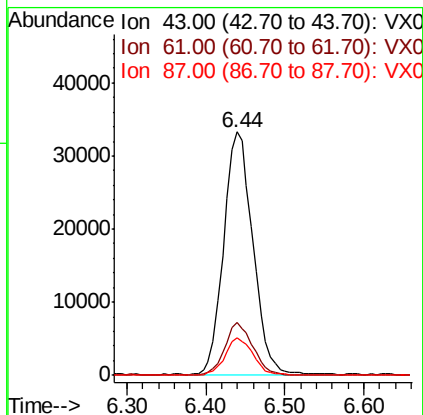
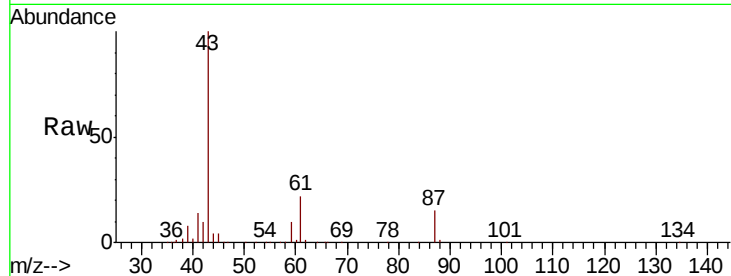


#43

Isopropyl Acetate
 Concen: 17.808 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

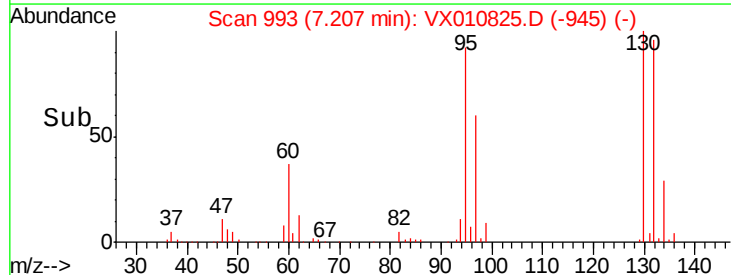
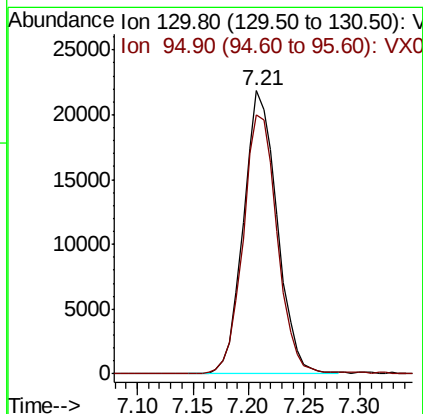
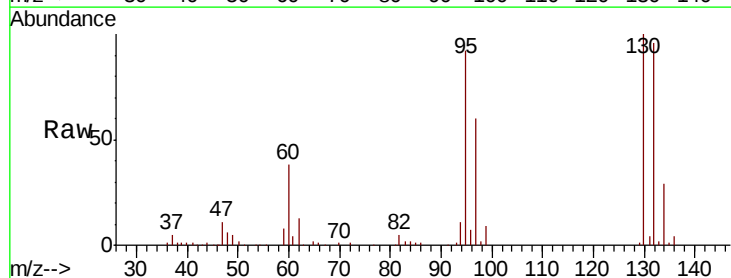
Tot Ion	43	Resp	85813
Ion Ratio	Lower	Upper	
43	100		
61	20.8	17.8	26.6
87	14.6	13.0	19.4

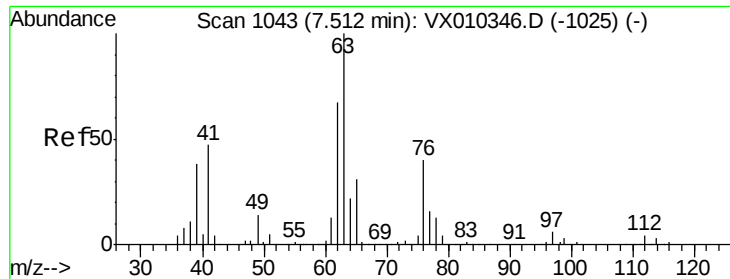


#44

Trichloroethene
 Concen: 17.412 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion	130	Resp	45955
Ion Ratio	Lower	Upper	
130	100		
95	91.7	0.0	180.8





#45

1,2-Dichloropropane

Concen: 17.565 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

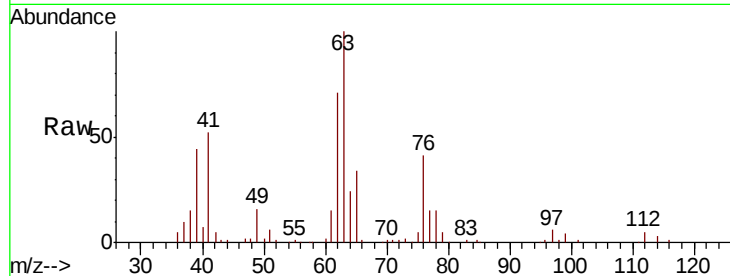
VX0712WBS01

Tot Ion: 63 Resp: 39124

Ion Ratio Lower Upper

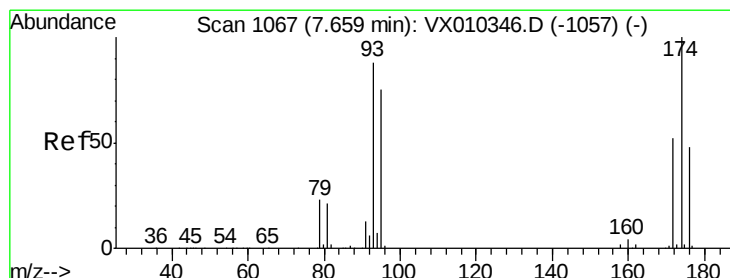
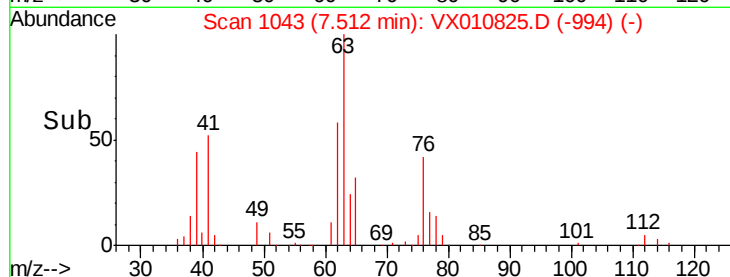
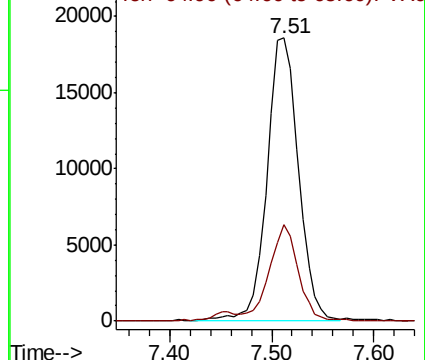
63 100

65 33.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.760 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

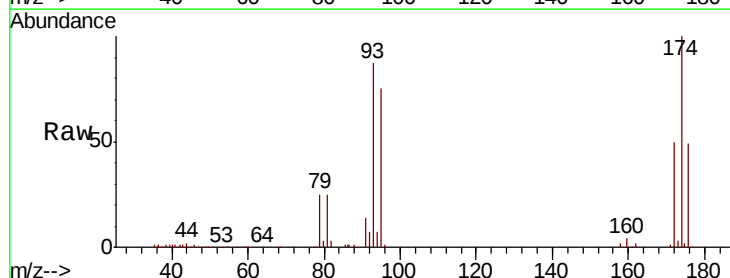
Tgt Ion: 93 Resp: 28382

Ion Ratio Lower Upper

93 100

95 87.0 67.5 101.3

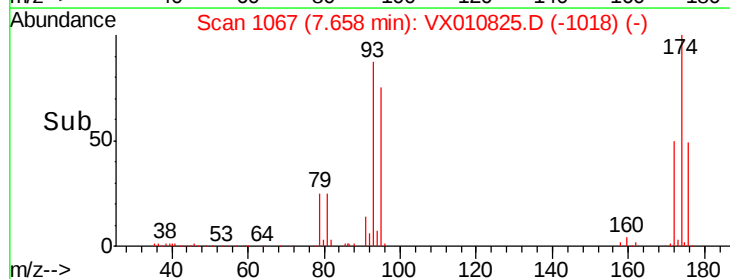
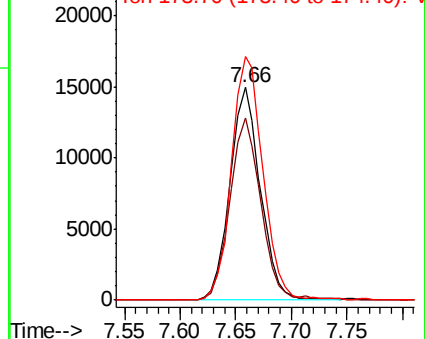
174 117.5 95.8 143.6

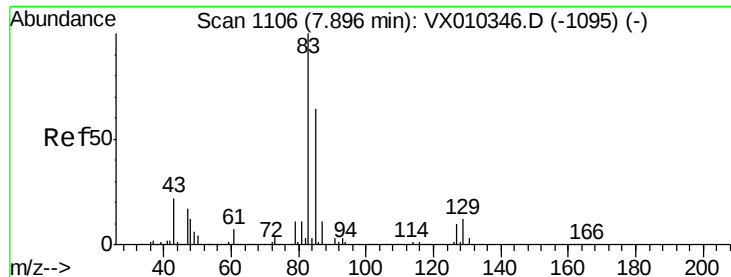


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

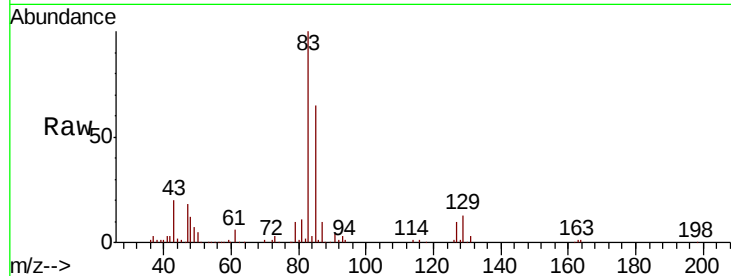




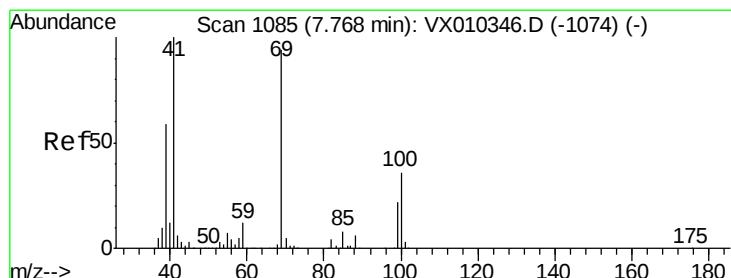
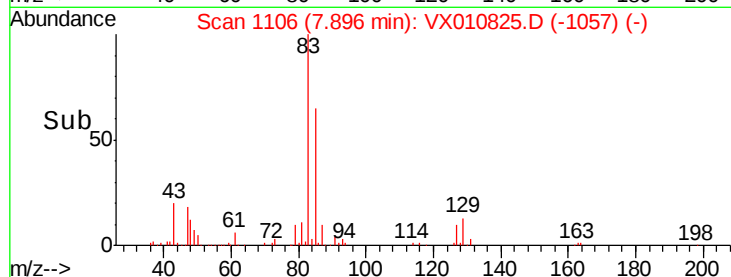
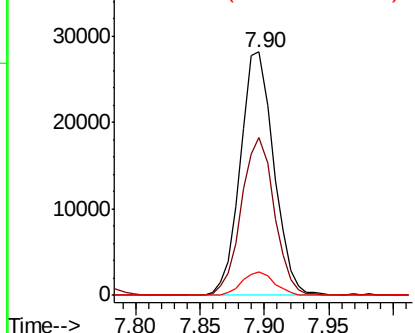
#47
Bromodichloromethane
Concen: 17.375 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Tot Ion: 83 Resp: 50885
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3
127 9.8 7.8 11.8

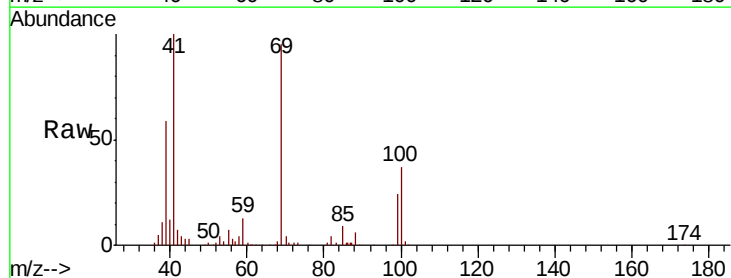


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

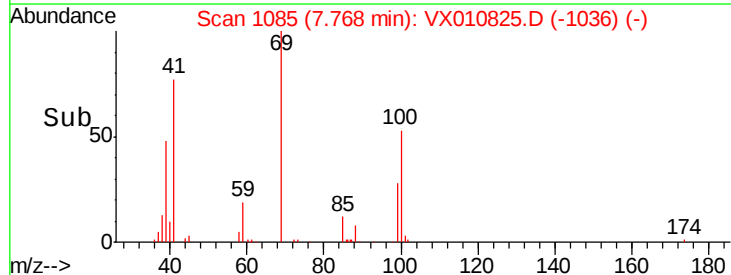
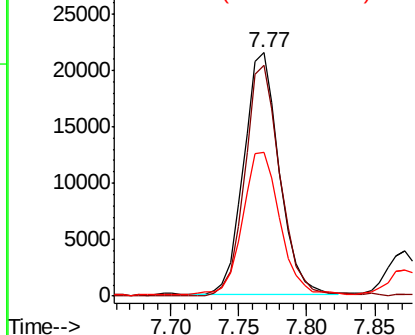


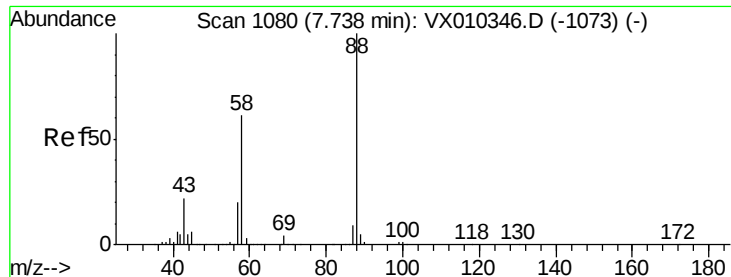
#48
Methyl methacrylate
Concen: 17.574 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 41 Resp: 39363
Ion Ratio Lower Upper
41 100
69 95.4 76.1 114.1
39 60.9 47.6 71.4



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: 360.697 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0712WBS01

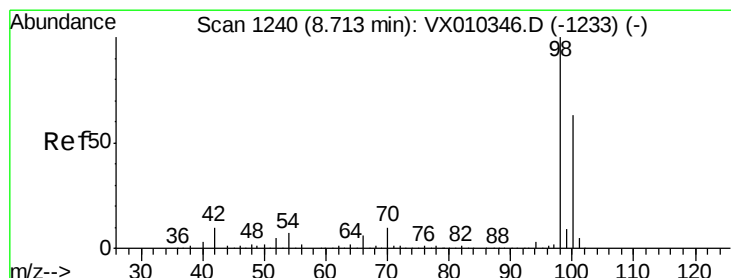
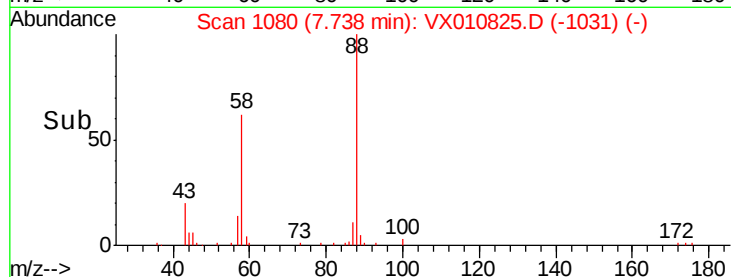
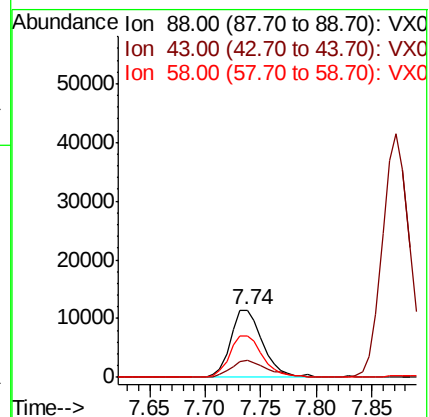
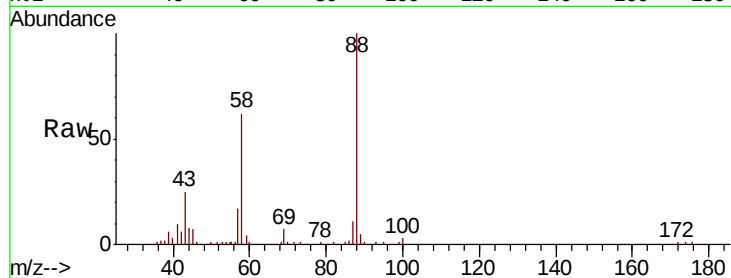
Tot Ion: 88 Resp: 23273

Ion Ratio Lower Upper

88 100

43 26.0 20.2 30.2

58 63.6 49.5 74.3



#50

Toluene-d8

Concen: 41.512 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010825.D

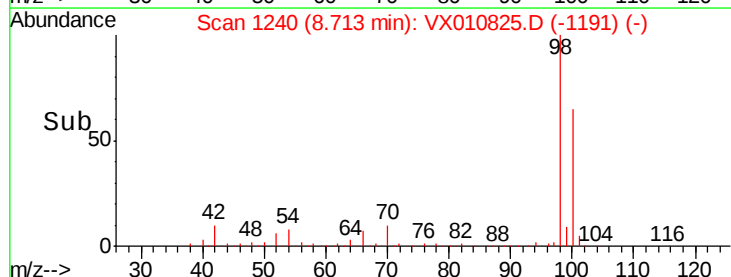
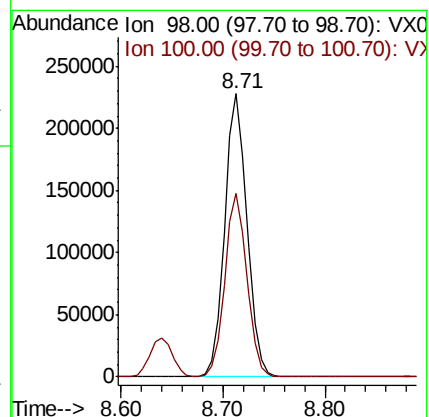
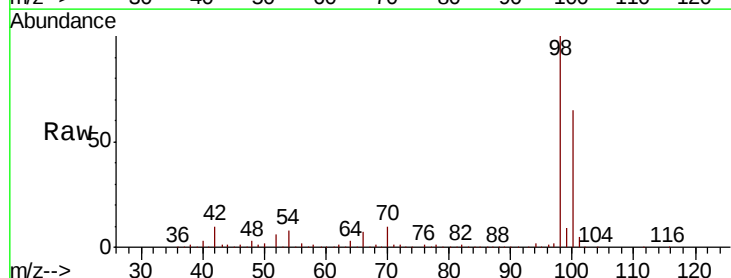
Acq: 12 Jul 2019 10:59

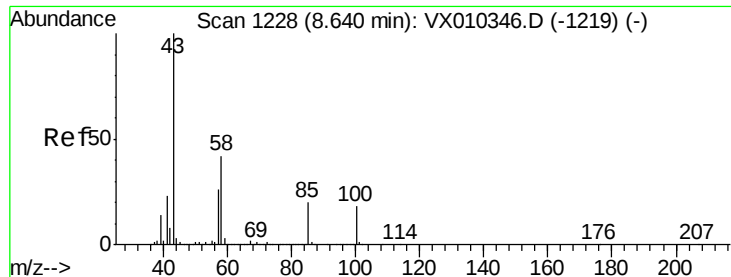
Tgt Ion: 98 Resp: 346180

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 91.408 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

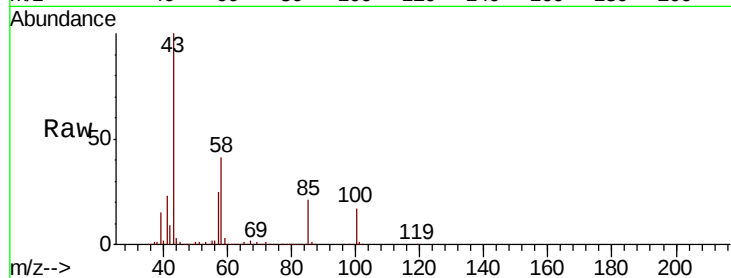
VX0712WBS01

Tot Ion: 43 Resp: 281705

Ion Ratio Lower Upper

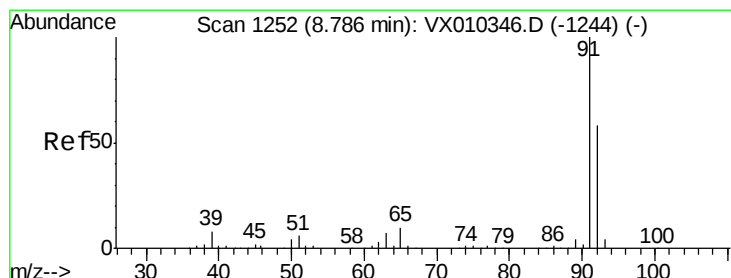
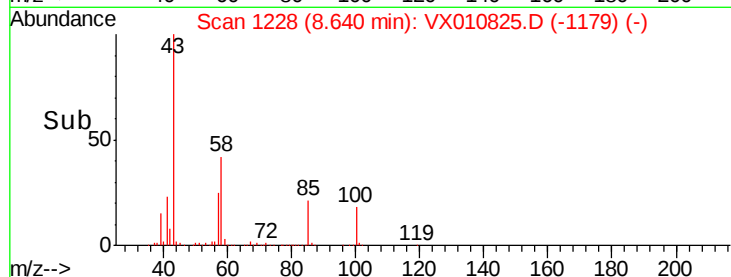
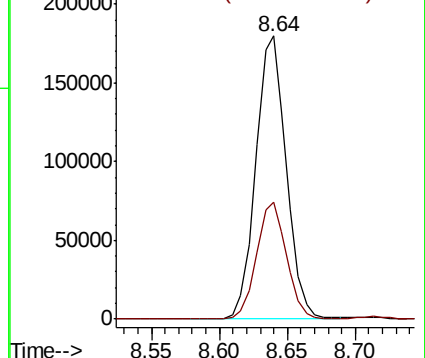
43 100

58 40.7 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.679 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010825.D

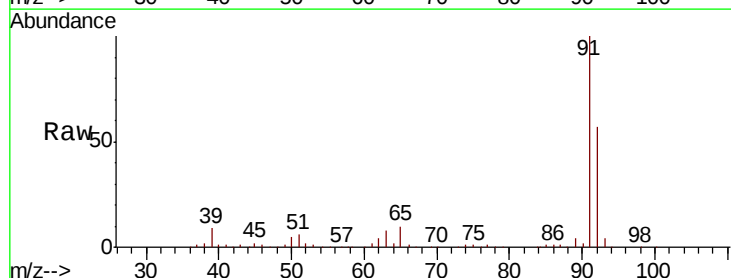
Acq: 12 Jul 2019 10:59

Tgt Ion: 92 Resp: 102684

Ion Ratio Lower Upper

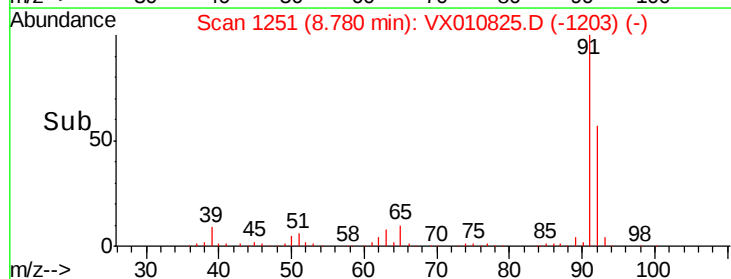
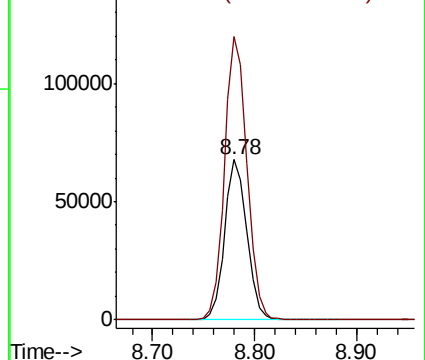
92 100

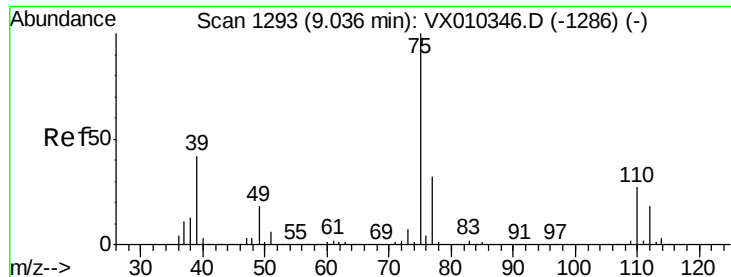
91 177.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

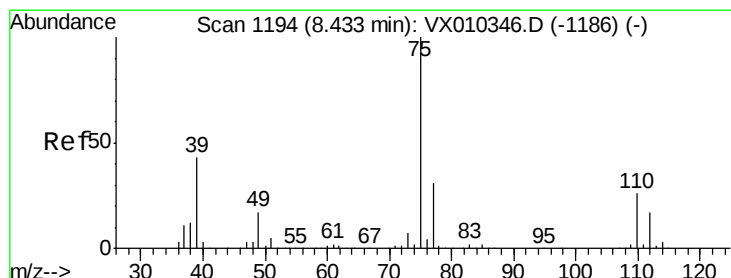
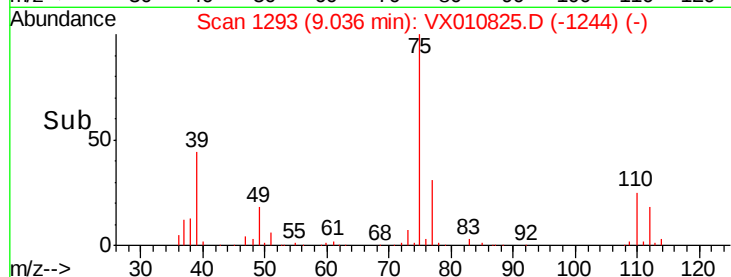
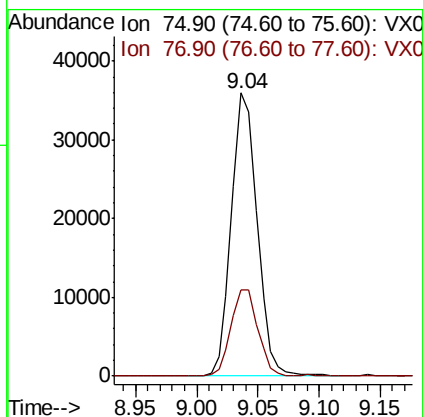
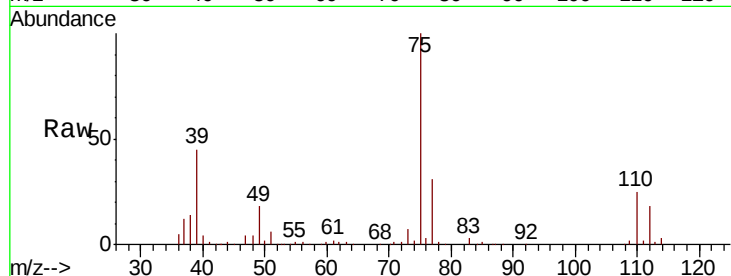




#53
 t-1,3-Dichloropropene
 Concen: 16.019 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

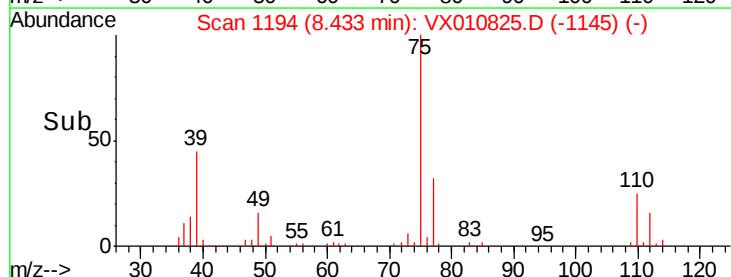
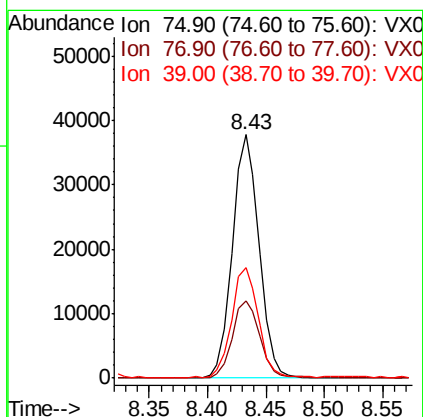
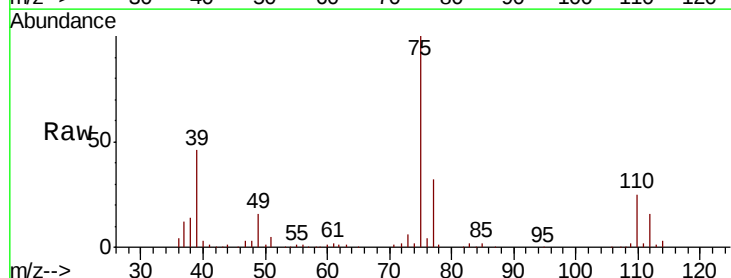
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

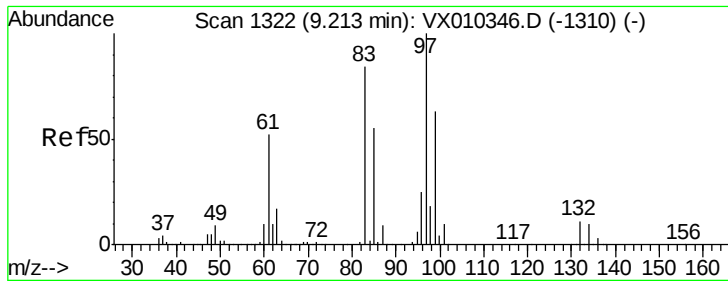
Tot Ion: 75 Resp: 52598
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 16.916 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 75 Resp: 60358
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 45.1 34.5 51.7

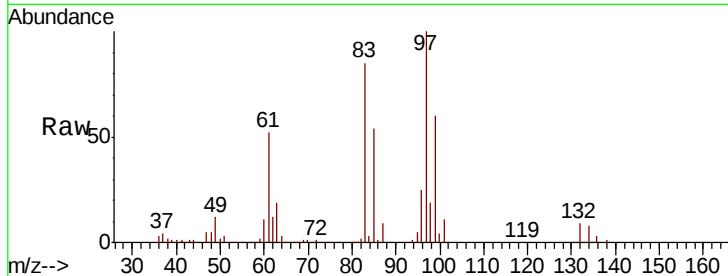




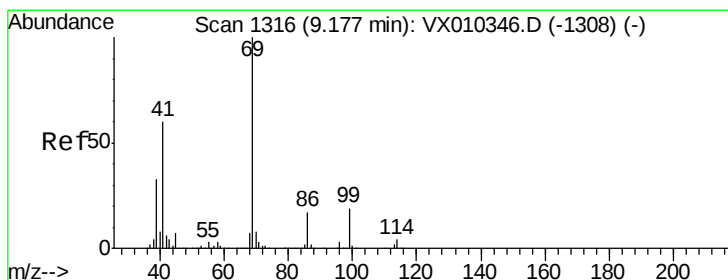
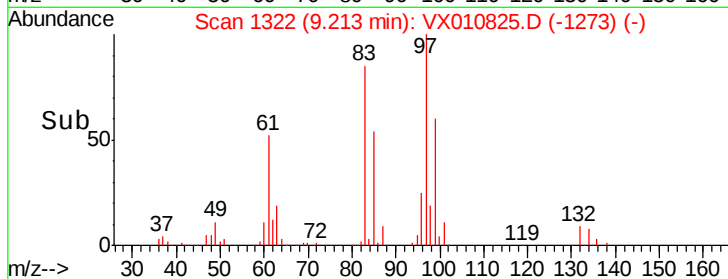
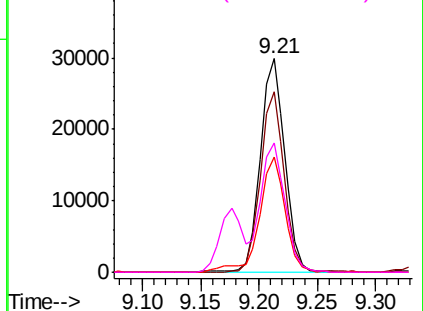
#55
 1,1,2-Trichloroethane
 Concen: 18.335 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0712WBS01

Tot Ion:	97	Resp:	43921
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.0
85	53.9	43.8	65.8
99	60.4	50.3	75.5

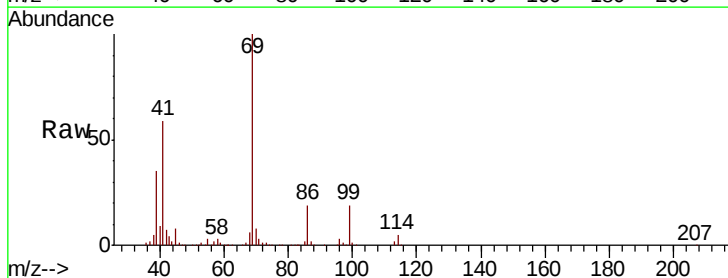


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

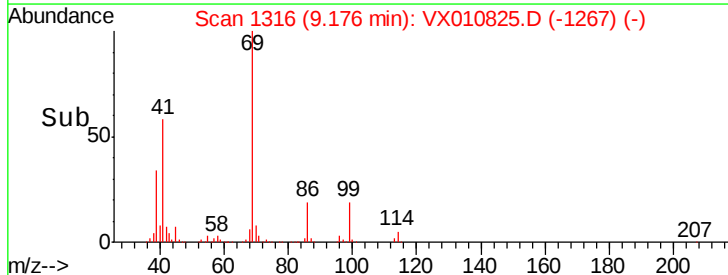
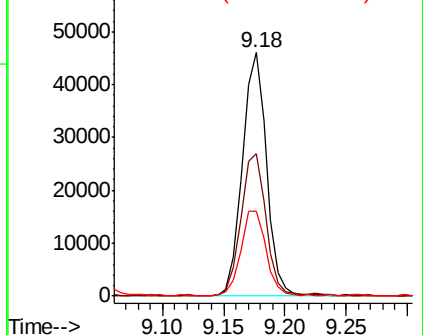


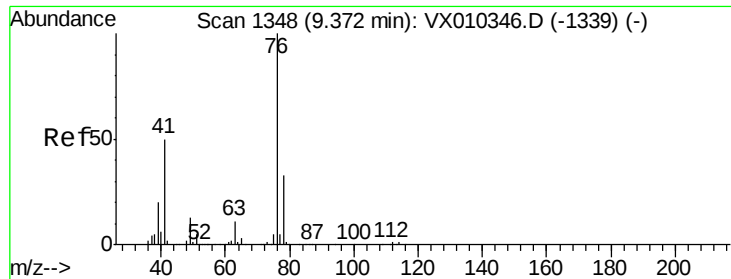
#56
 Ethyl methacrylate
 Concen: 17.399 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion:	69	Resp:	63137
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.1	70.7
39	35.8	26.6	40.0



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

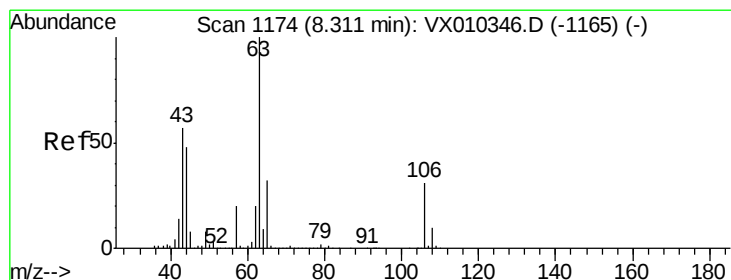
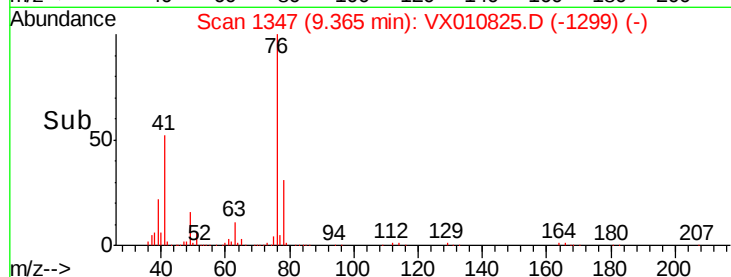
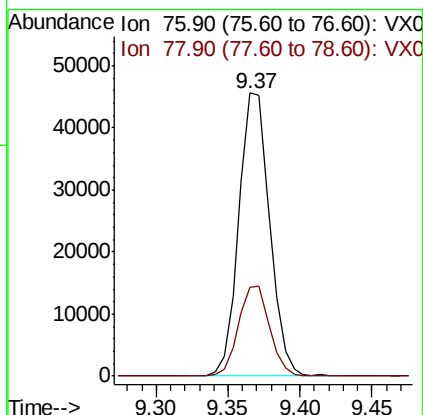
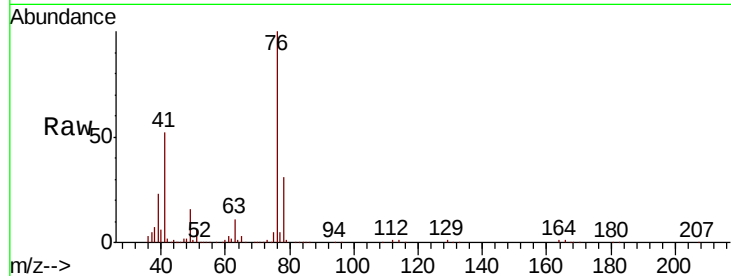




#57
 1,3-Dichloropropane
 Concen: 18.310 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

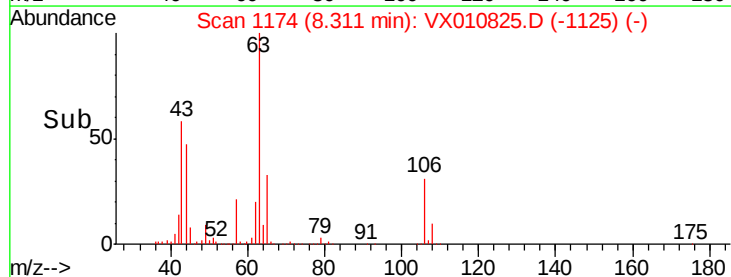
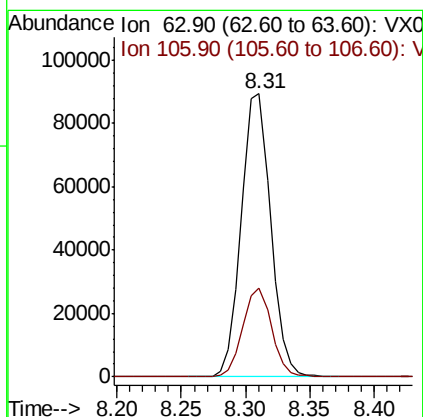
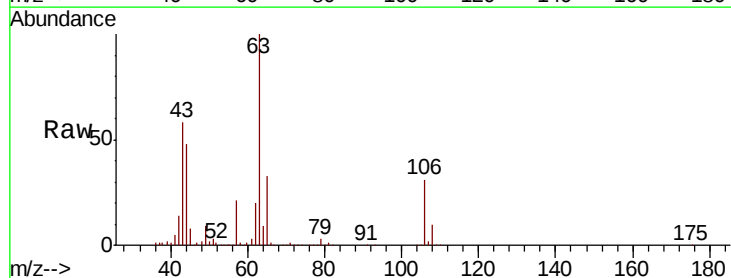
Instrument :
 MSVOA_X
 ClientSampled :
 VX0712WBS01

Tot Ion: 76 Resp: 68086
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.066 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 63 Resp: 141436
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.7 37.1

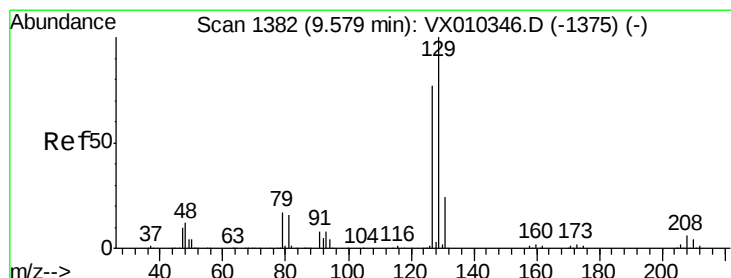
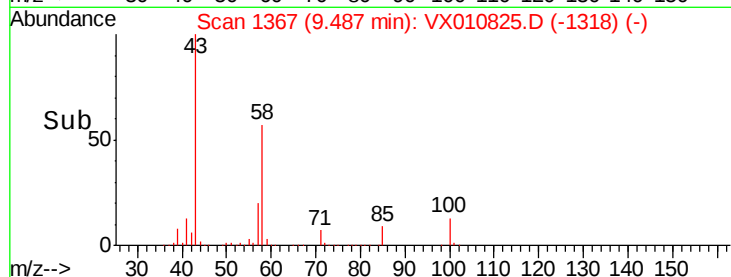
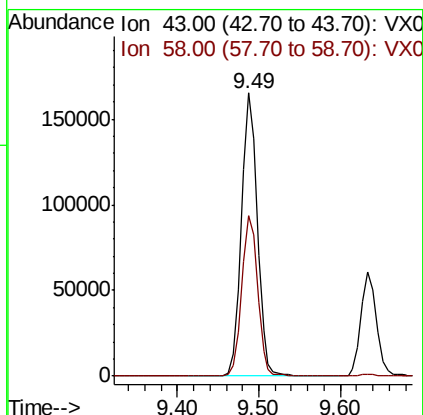
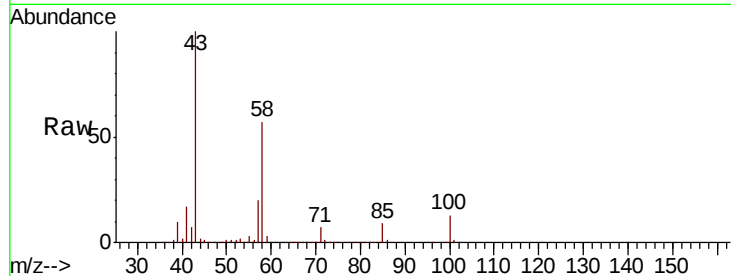




#59
2-Hexanone
Concen: 90.942 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

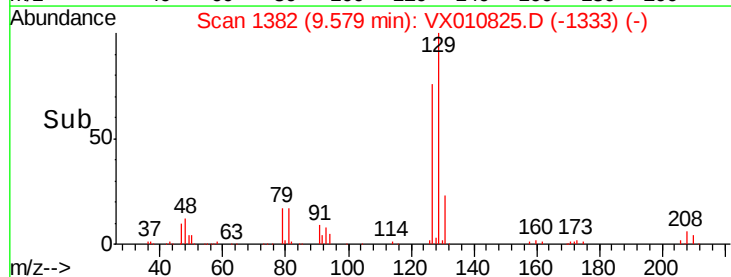
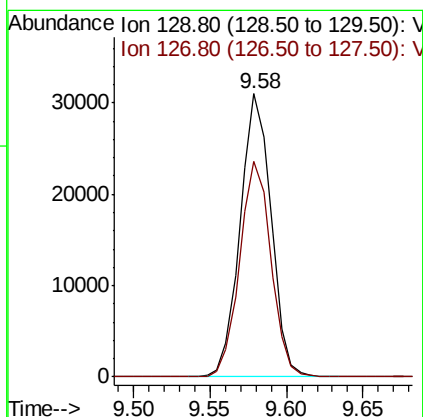
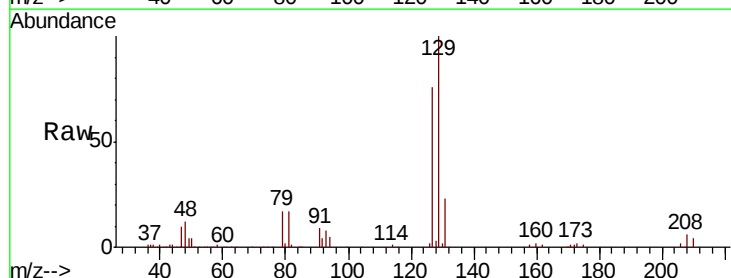
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Tot Ion: 43 Resp: 220582
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.1



#60
Dibromochloromethane
Concen: 16.261 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 129 Resp: 43615
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

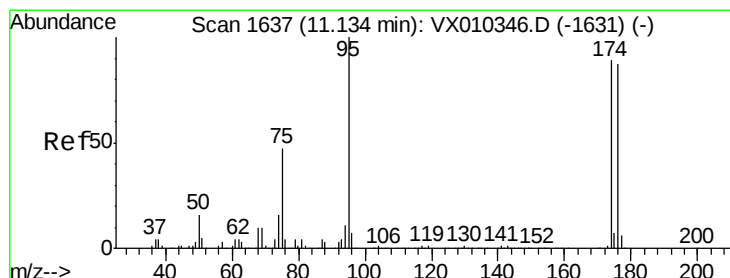
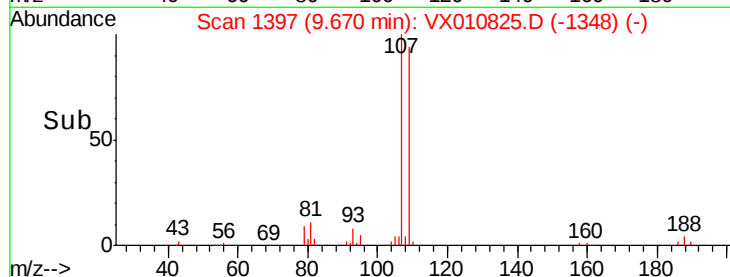
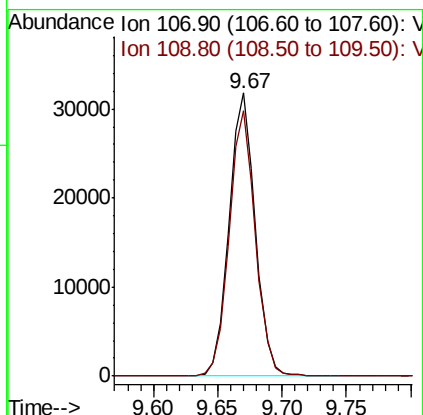
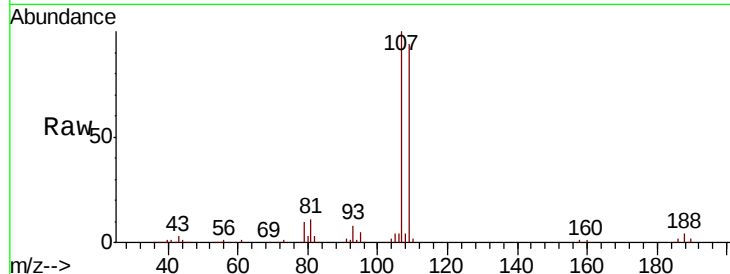




#61
 1,2-Dibromoethane
 Concen: 17.454 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

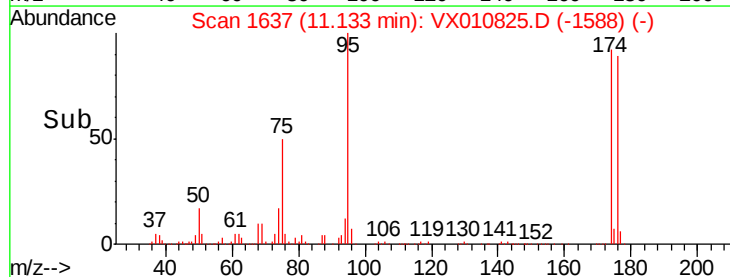
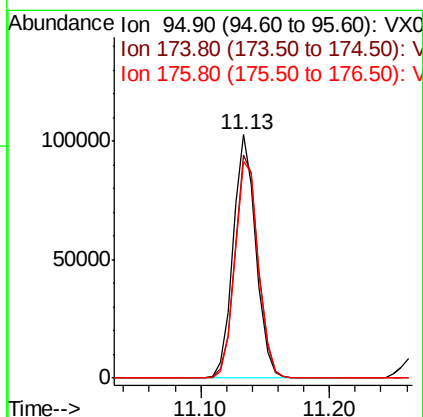
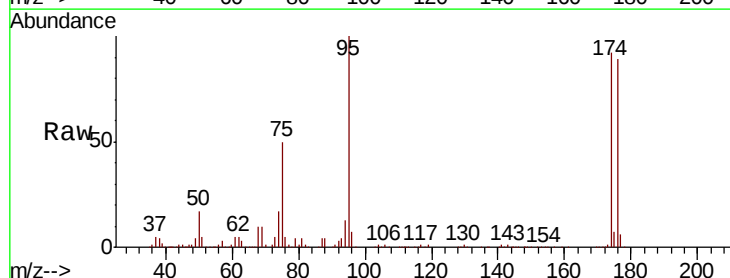
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

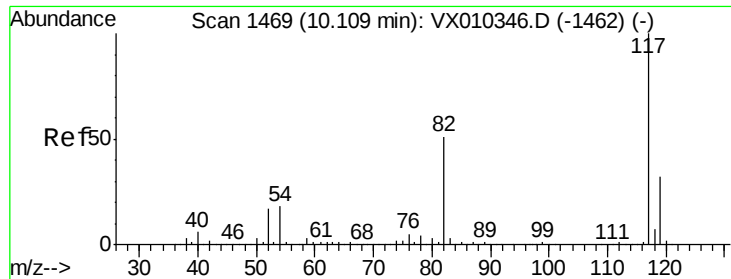
Tot Ion:107 Resp: 45130
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 42.117 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion: 95 Resp: 126804
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 187.6
 176 91.8 0.0 184.0

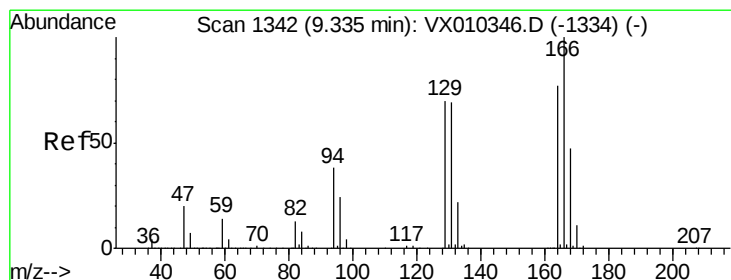
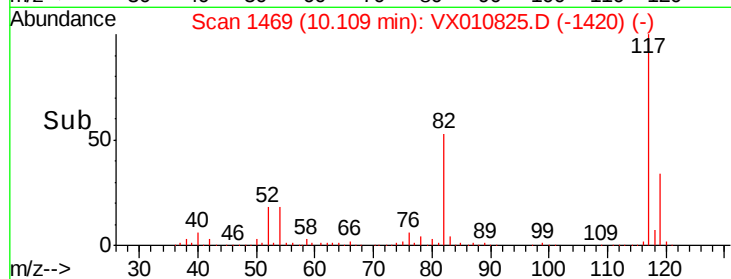
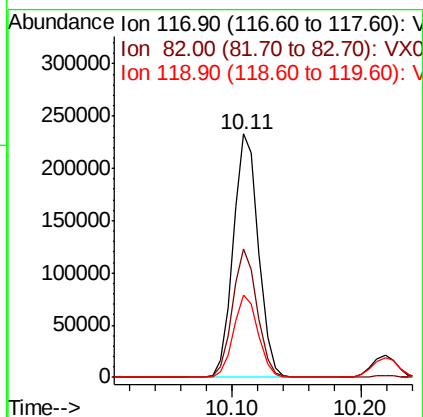
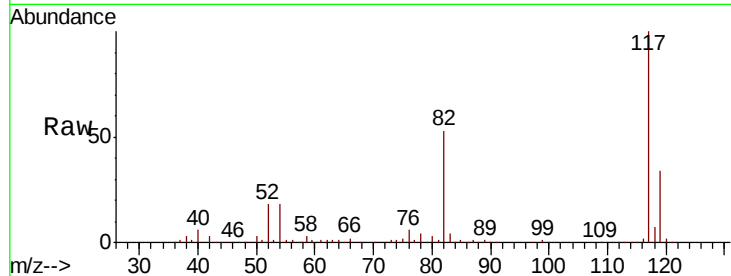




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

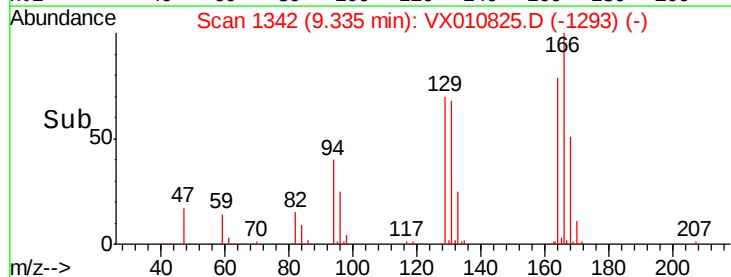
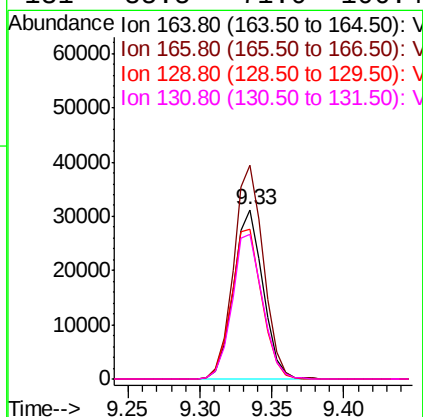
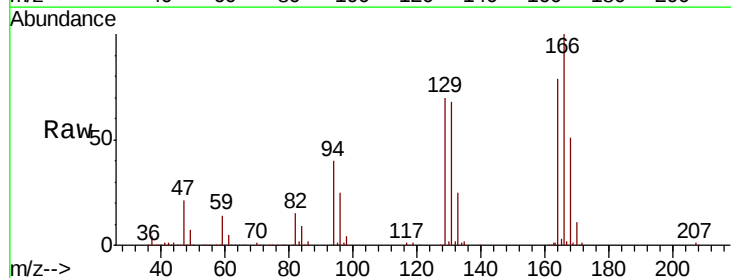
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

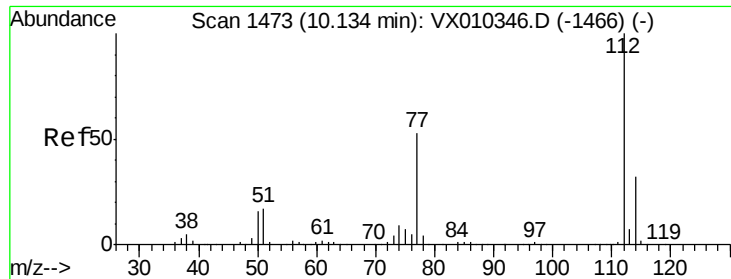
Tot Ion:117 Resp: 317438
Ion Ratio Lower Upper
117 100
82 52.6 41.2 61.8
119 33.6 25.5 38.3



#64
Tetrachloroethene
Concen: 17.365 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion:164 Resp: 44586
Ion Ratio Lower Upper
164 100
166 126.2 103.6 155.4
129 88.5 73.0 109.4
131 85.5 71.0 106.4

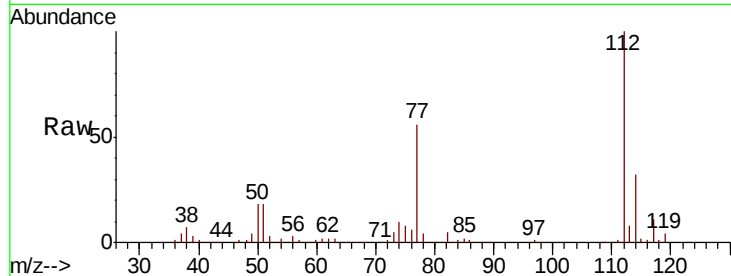




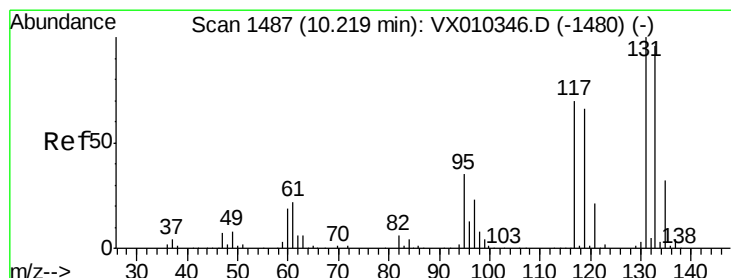
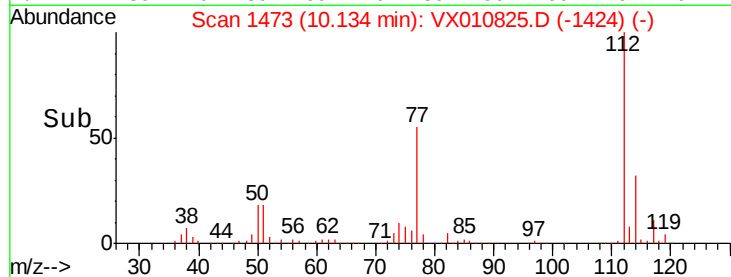
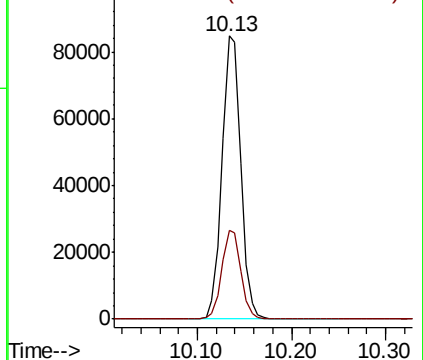
#65
Chlorobenzene
Concen: 18.175 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Instrument :
MSVOA_X
ClientSampled :
VX0712WBS01

Tot Ion:112 Resp: 117132
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

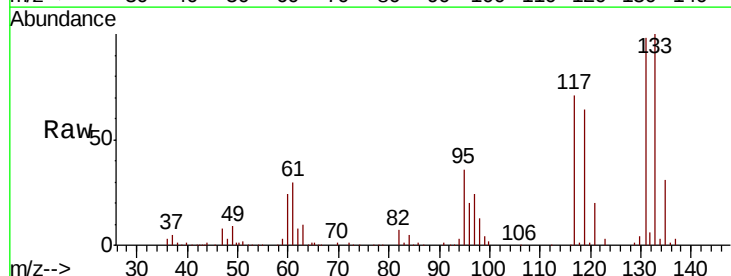


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

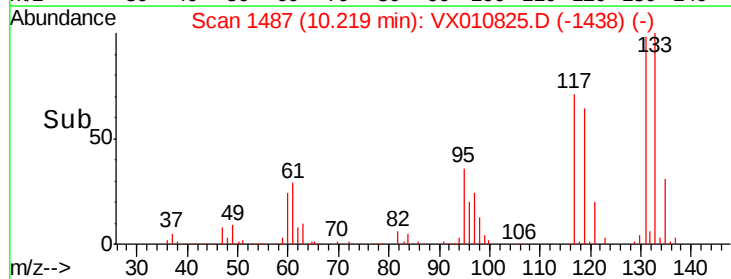
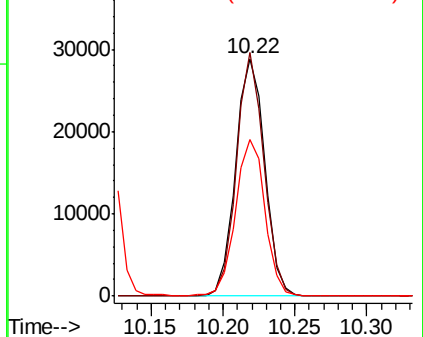


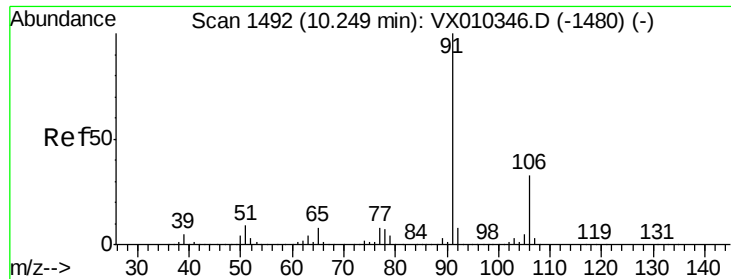
#66
1,1,1,2-Tetrachloroethane
Concen: 17.355 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion:131 Resp: 40739
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 67.1 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

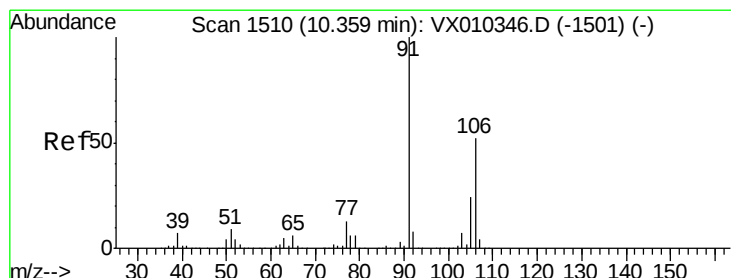
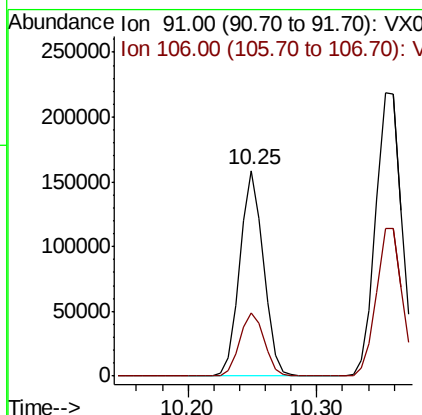
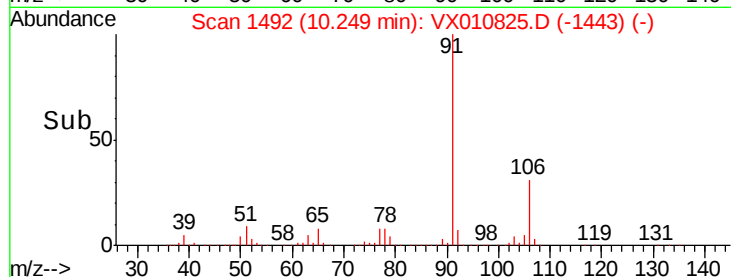
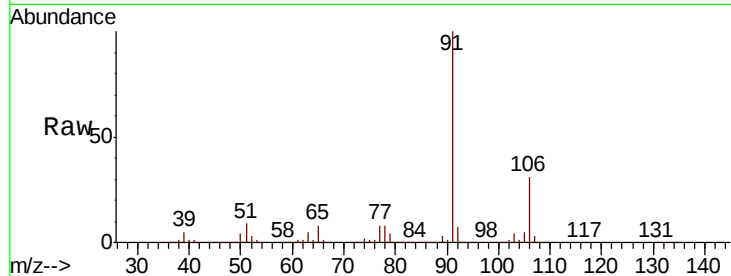




#67
Ethyl Benzene
Concen: 18.509 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

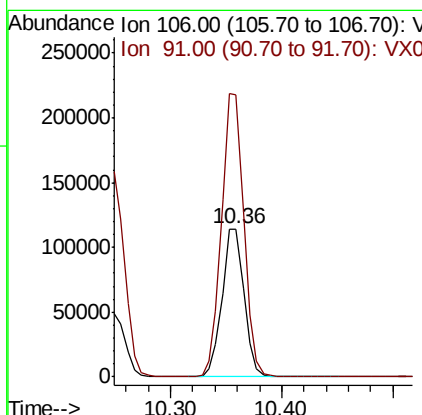
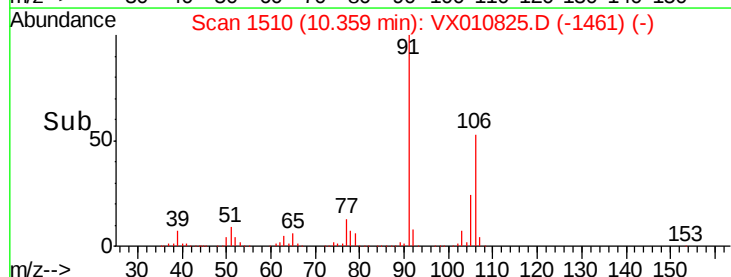
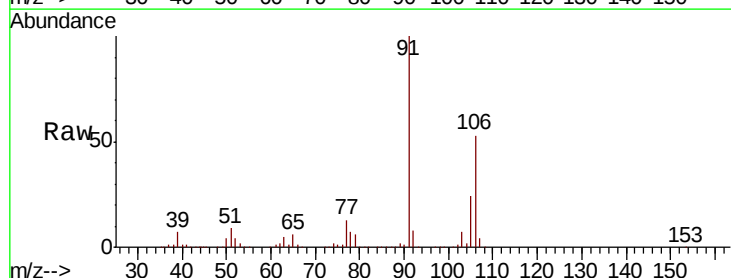
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS01

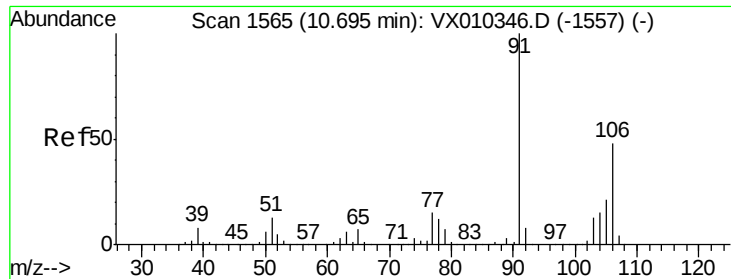
Tot Ion: 91 Resp: 201373
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.2



#68
m/p-Xylenes
Concen: 37.309 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 106 Resp: 157283
Ion Ratio Lower Upper
106 100
91 193.3 155.3 232.9

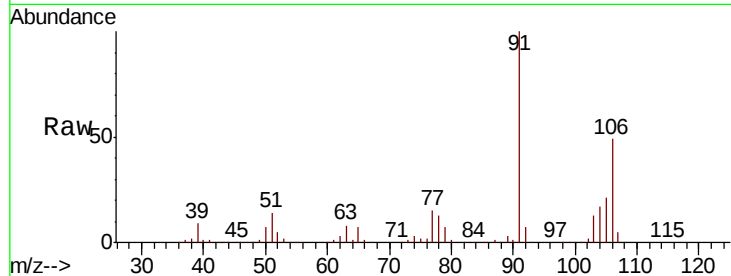




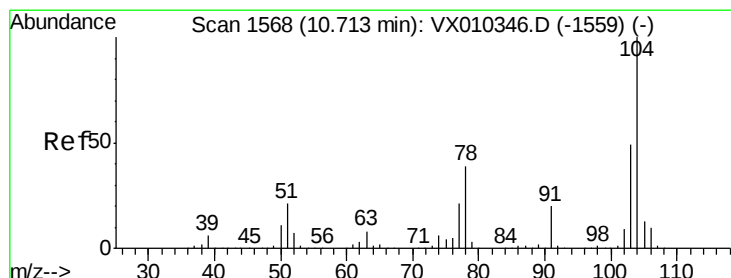
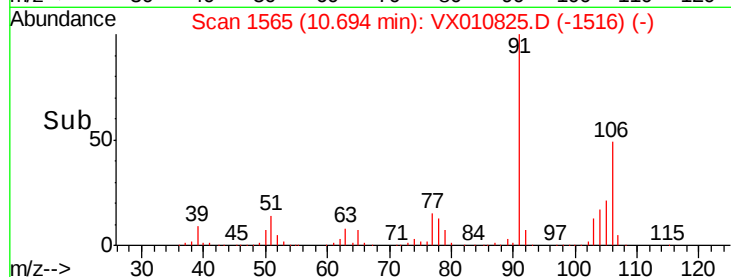
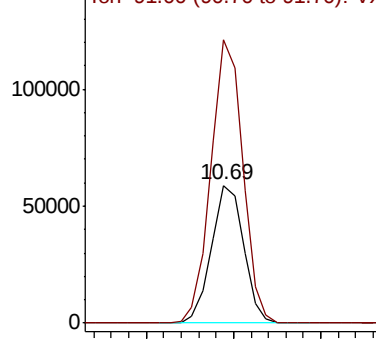
#69
o-Xylene
Concen: 18.341 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Instrument :
MSVOA_X
ClientSampled :
VX0712WBS01

Tot Ion:106 Resp: 76035
Ion Ratio Lower Upper
106 100
91 203.4 102.7 308.1

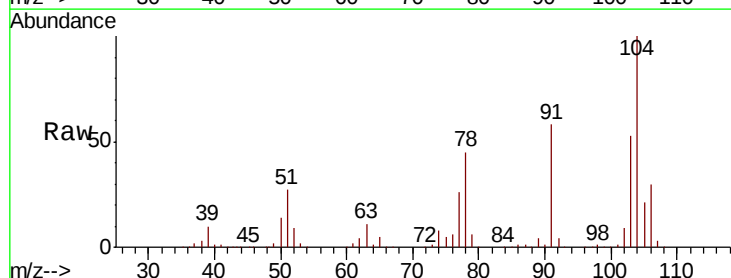


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

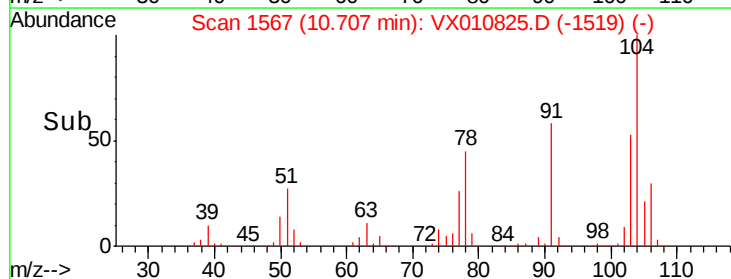
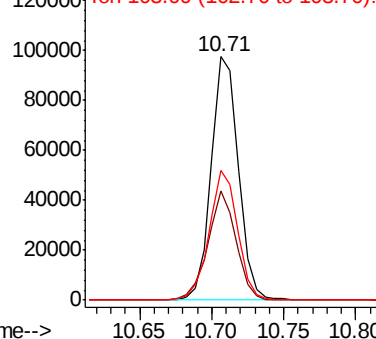


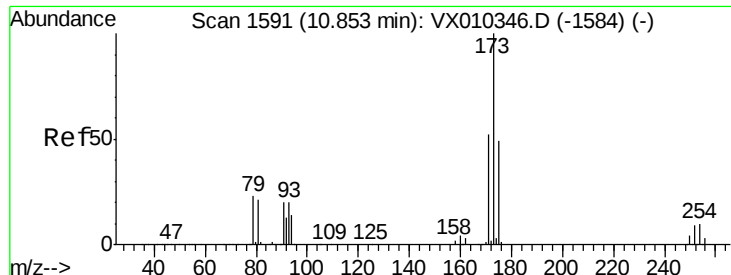
#70
Styrene
Concen: 18.406 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion:104 Resp: 127970
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 55.7 44.2 66.4



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: 15.410 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

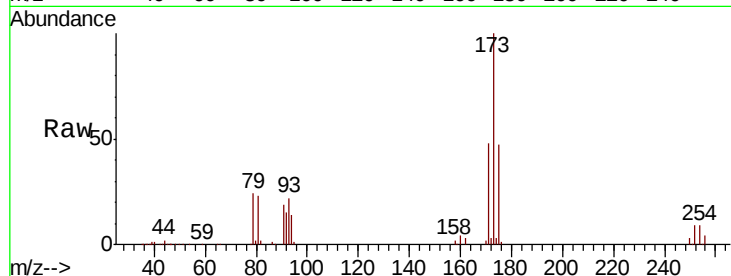
Tot Ion:173 Resp: 31459

Ion Ratio Lower Upper

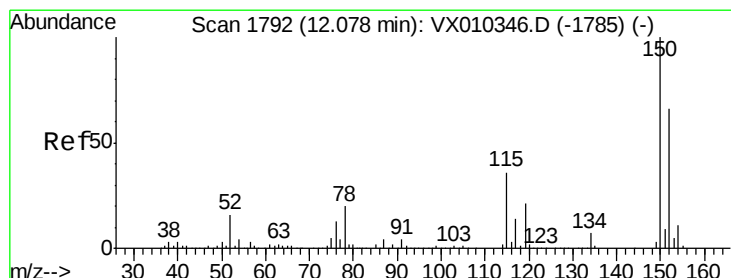
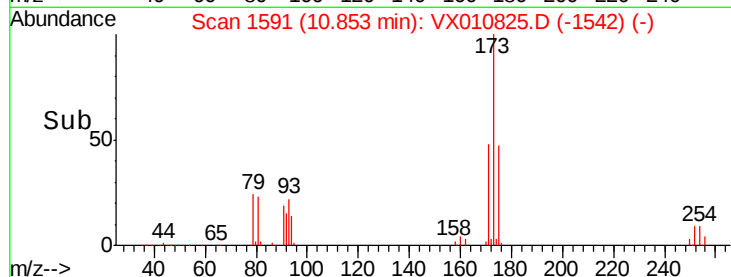
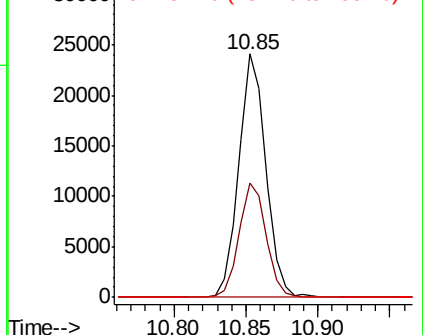
173 100

175 46.7 24.1 72.3

254 0.3 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

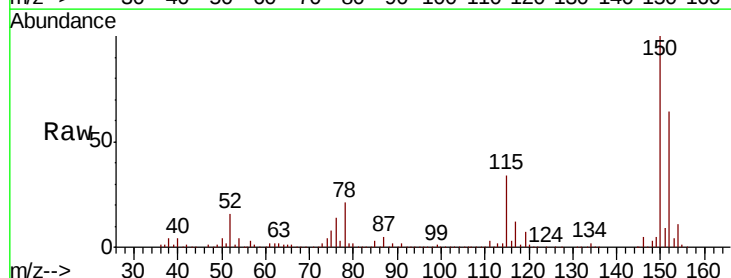
Tgt Ion:152 Resp: 170685

Ion Ratio Lower Upper

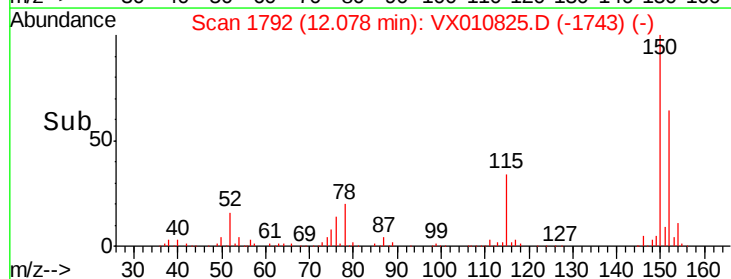
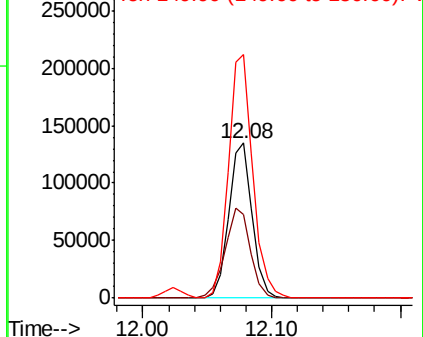
152 100

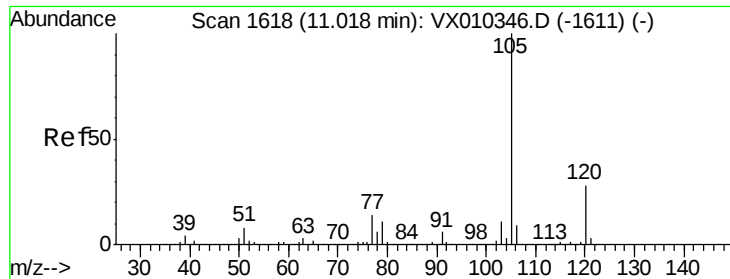
115 63.6 38.6 115.7

150 164.0 0.0 347.4



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: 17.865 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

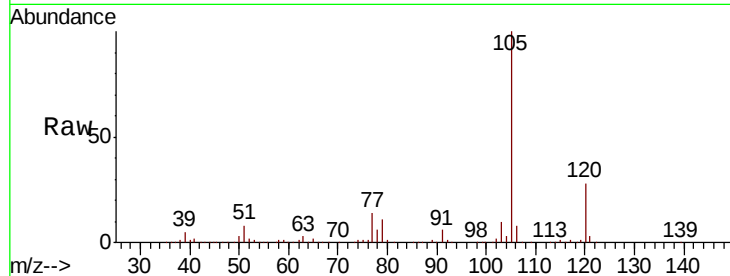
VX0712WBS01

Tot Ion:105 Resp: 206701

Ion Ratio Lower Upper

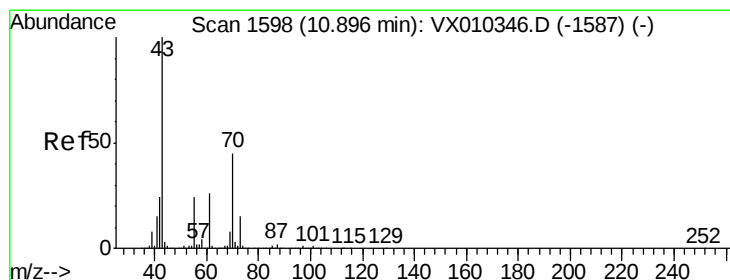
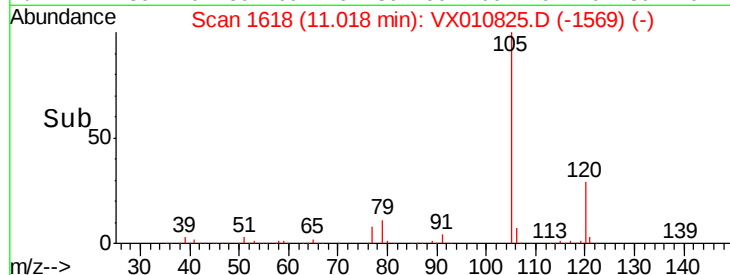
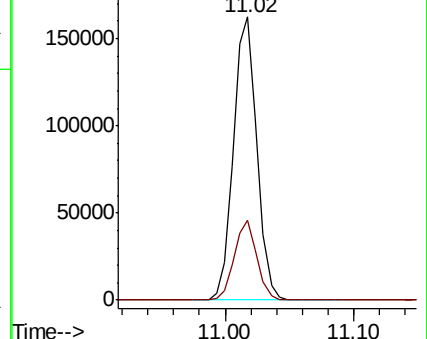
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.629 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Tgt Ion: 43 Resp: 77088

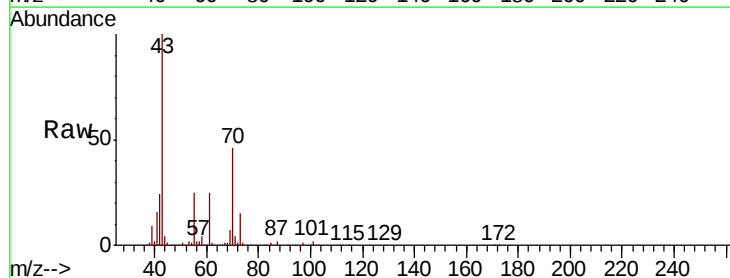
Ion Ratio Lower Upper

43 100

70 44.5 36.6 54.8

55 25.0 18.7 28.1

61 25.8 20.6 31.0

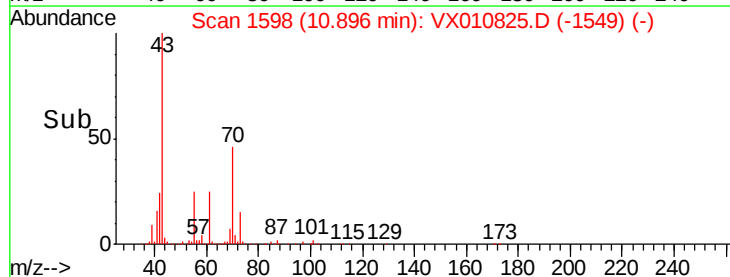
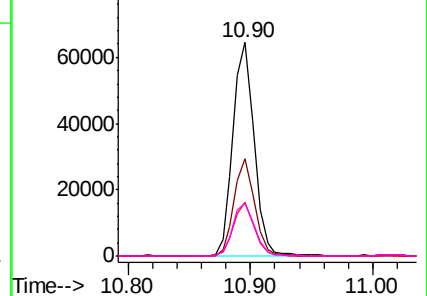


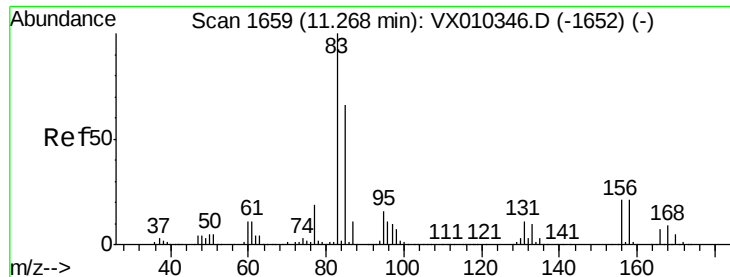
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.444 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

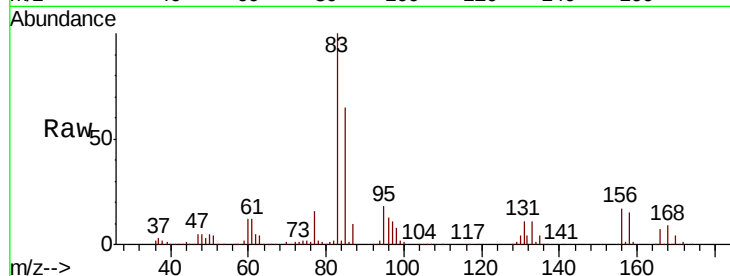
Tot Ion: 83 Resp: 66842

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

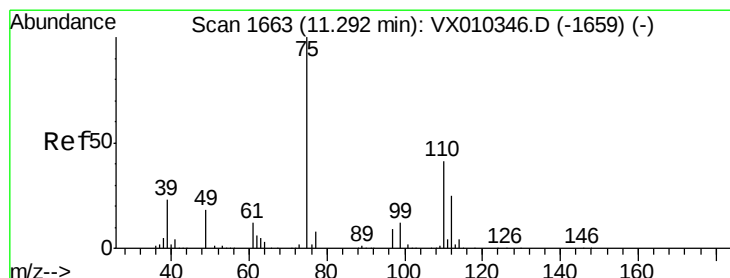
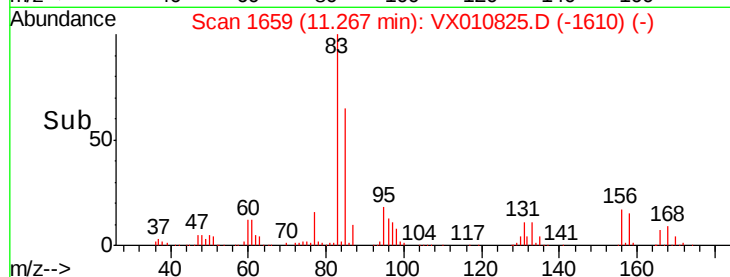
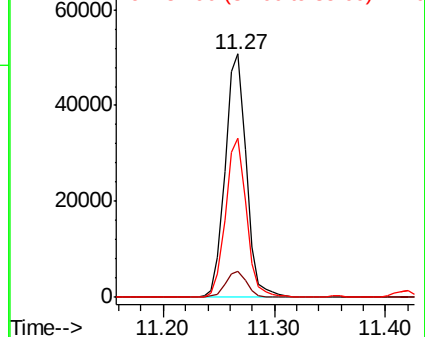
85 64.5 32.3 96.8



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: 22.195 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010825.D

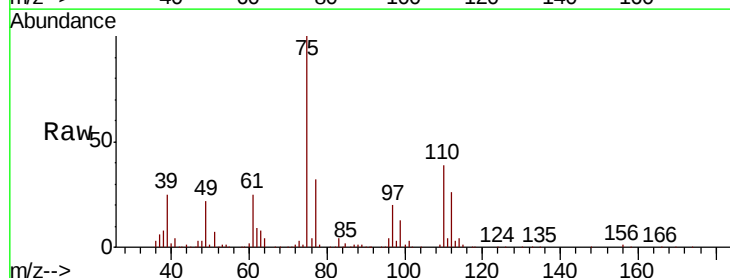
Acq: 12 Jul 2019 10:59

Tgt Ion: 75 Resp: 69035

Ion Ratio Lower Upper

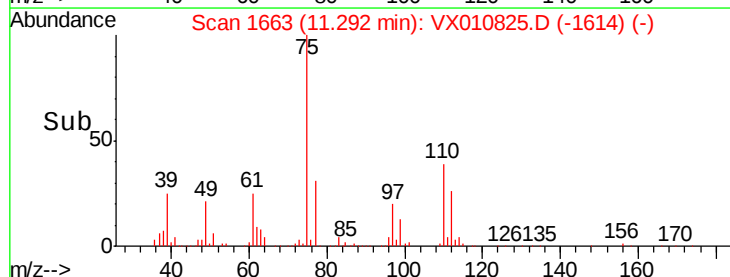
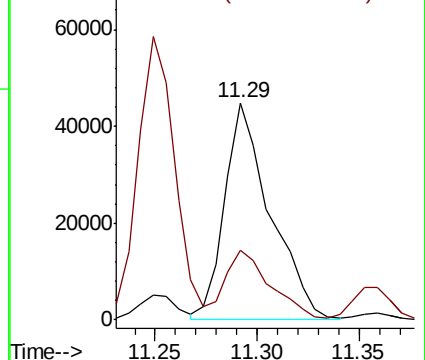
75 100

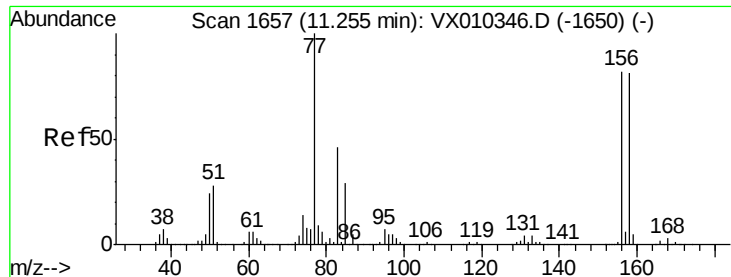
77 32.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.877 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

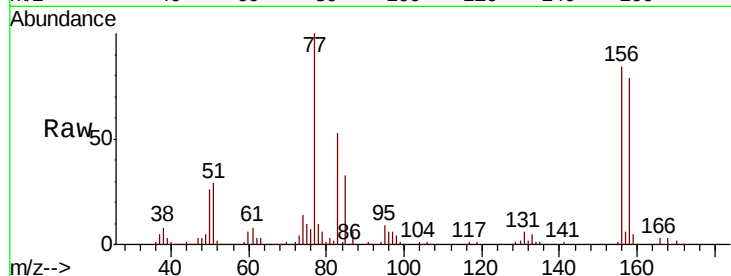
Tot Ion:156 Resp: 54526

Ion Ratio Lower Upper

156 100

77 134.5 66.3 198.7

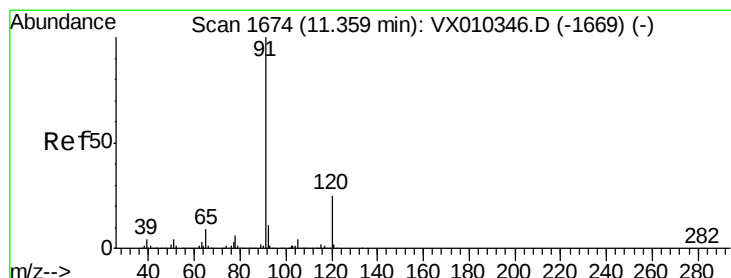
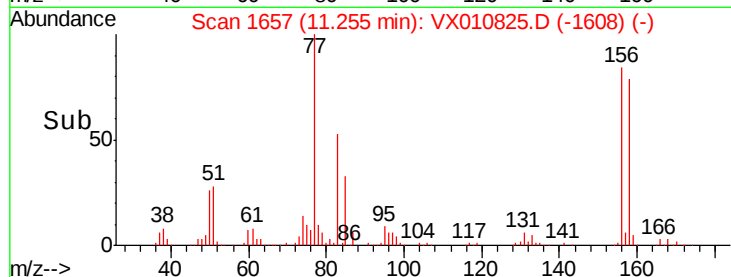
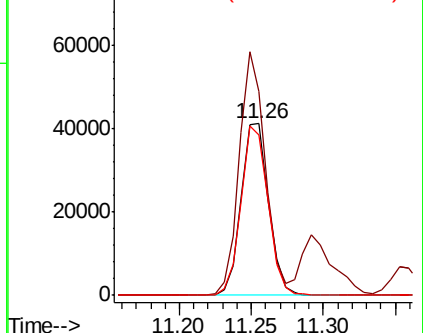
158 96.7 48.9 146.7



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: 17.772 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010825.D

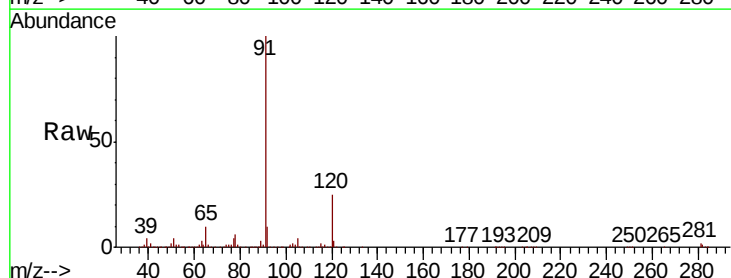
Acq: 12 Jul 2019 10:59

Tgt Ion: 91 Resp: 225991

Ion Ratio Lower Upper

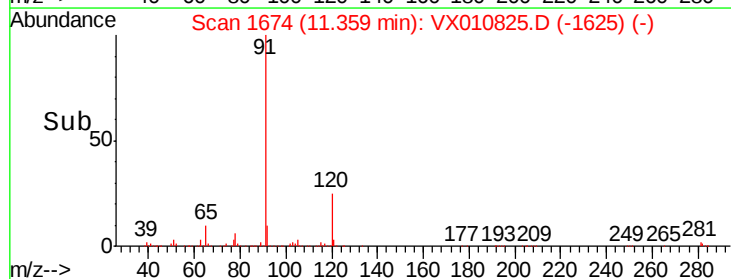
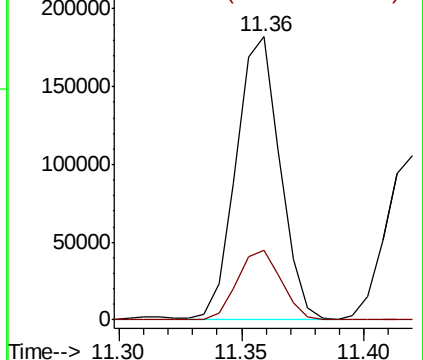
91 100

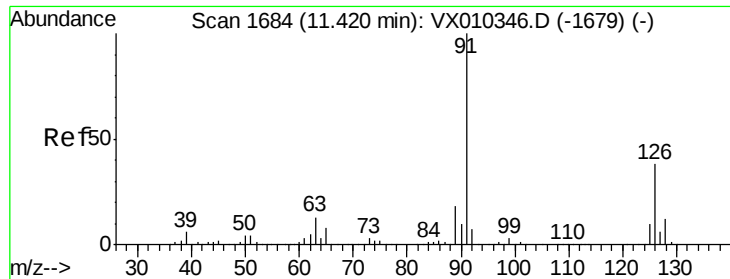
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.604 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

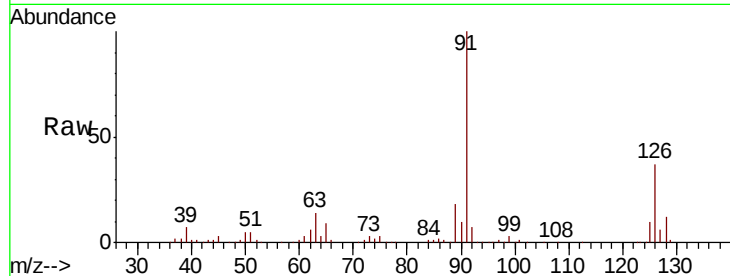
VX0712WBS01

Tot Ion: 91 Resp: 133303

Ion Ratio Lower Upper

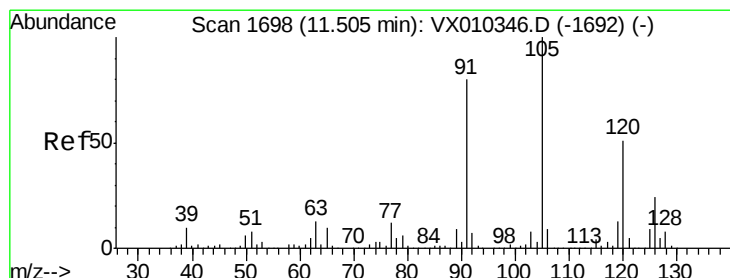
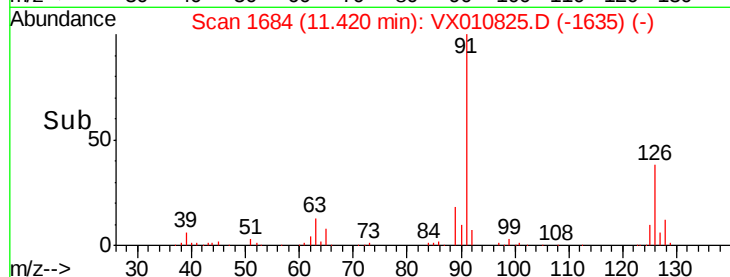
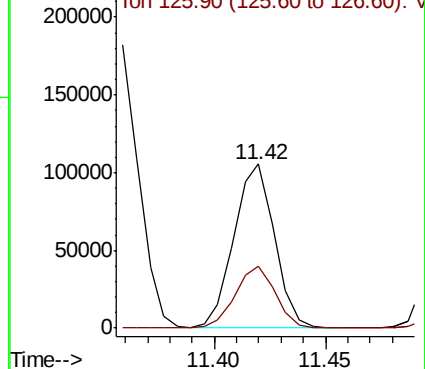
91 100

126 37.4 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.956 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010825.D

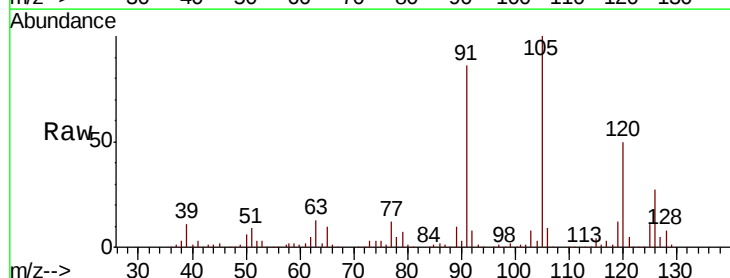
Acq: 12 Jul 2019 10:59

Tgt Ion:105 Resp: 171271

Ion Ratio Lower Upper

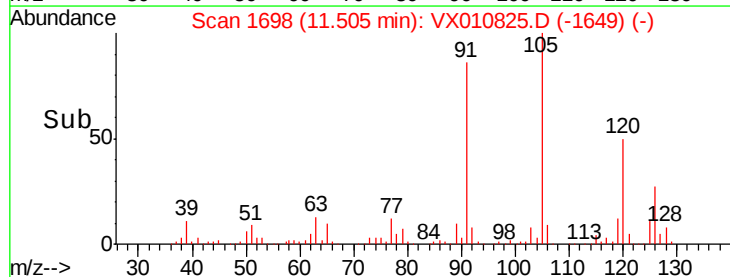
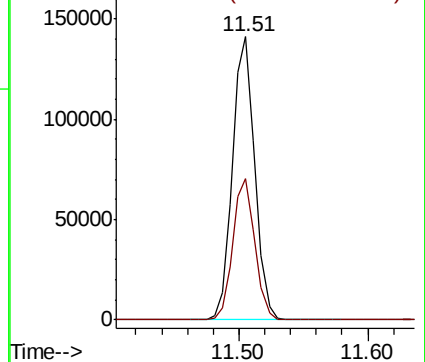
105 100

120 49.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

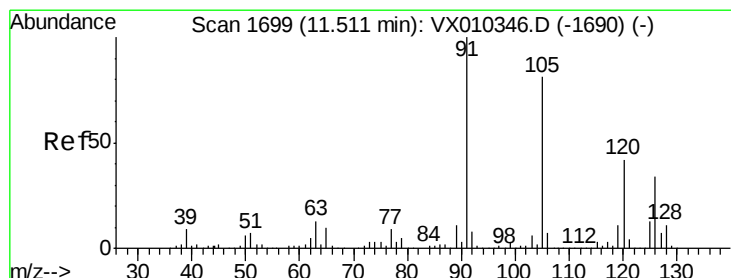
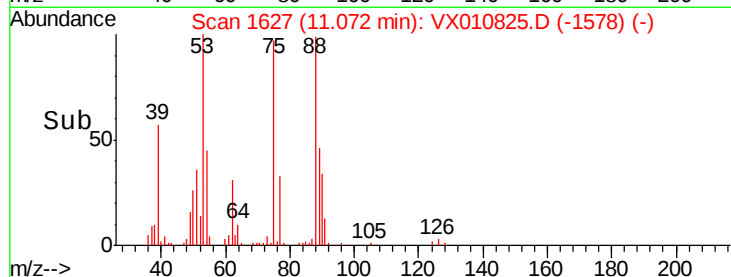
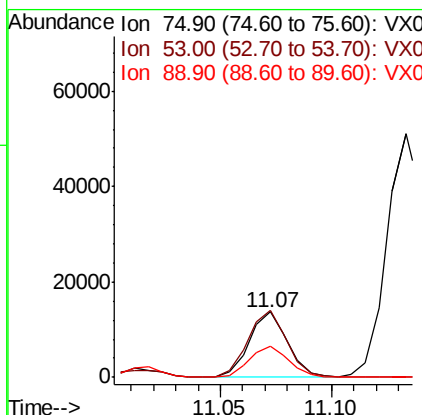
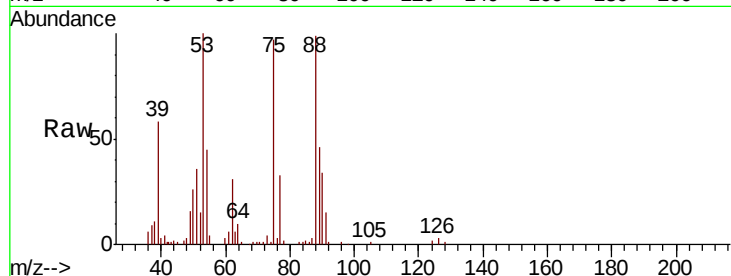




#81
trans-1,4-Dichloro-2-butene
Concen: 12.298 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

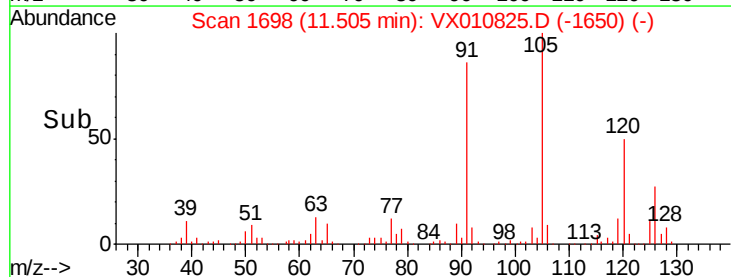
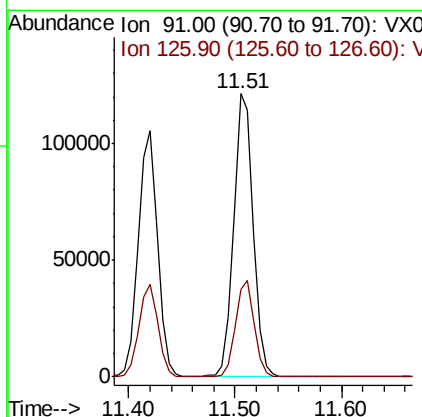
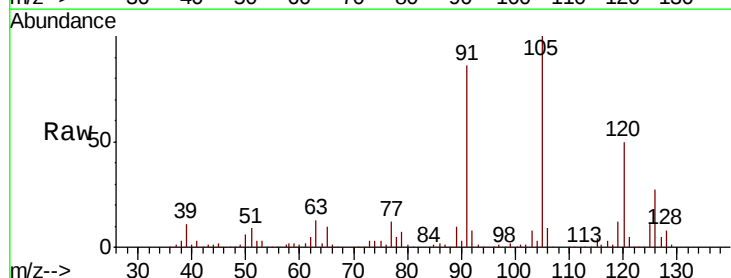
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Tot Ion: 75 Resp: 16396
Ion Ratio Lower Upper
75 100
53 103.8 66.1 99.1#
89 50.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 18.085 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 91 Resp: 155828
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83

tert-Butylbenzene

Concen: 17.492 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

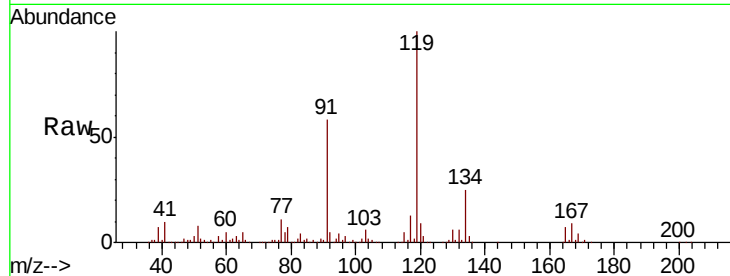
Tot Ion:119 Resp: 167459

Ion Ratio Lower Upper

119 100

91 56.9 27.6 82.7

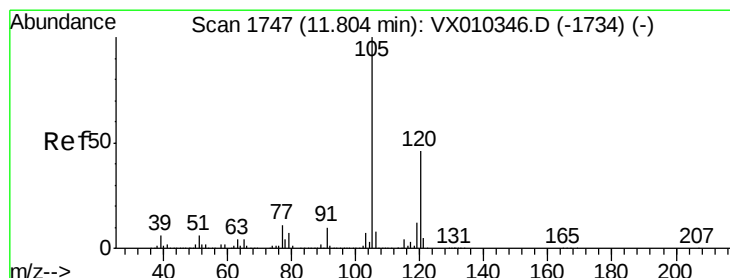
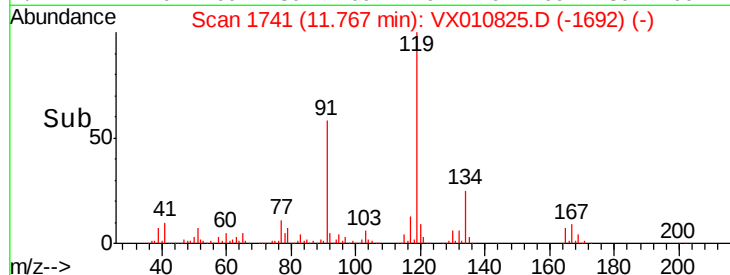
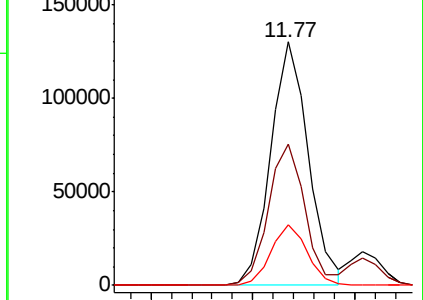
134 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.100 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010825.D

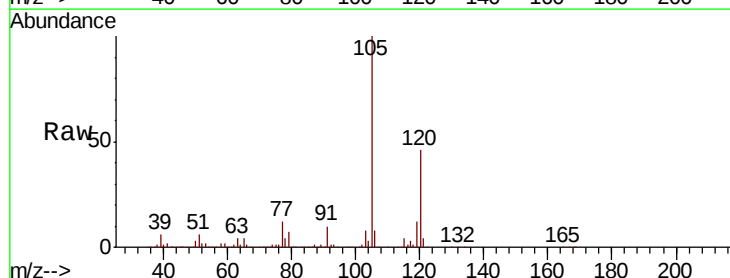
Acq: 12 Jul 2019 10:59

Tgt Ion:105 Resp: 173450

Ion Ratio Lower Upper

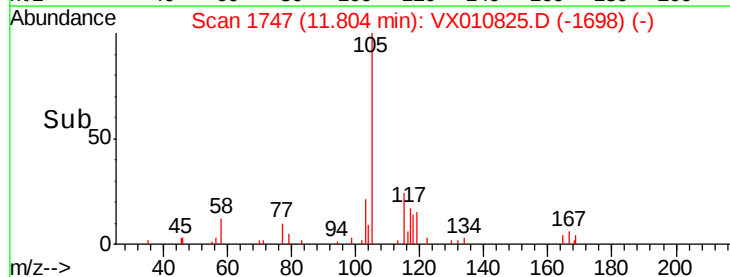
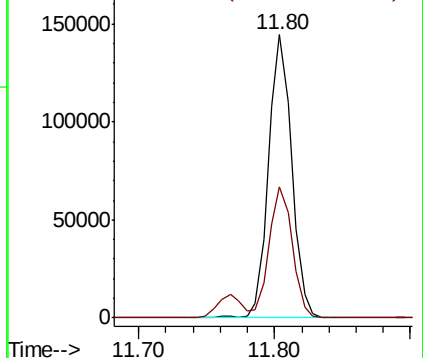
105 100

120 46.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

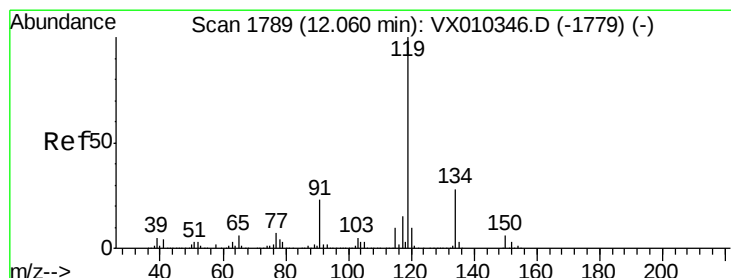
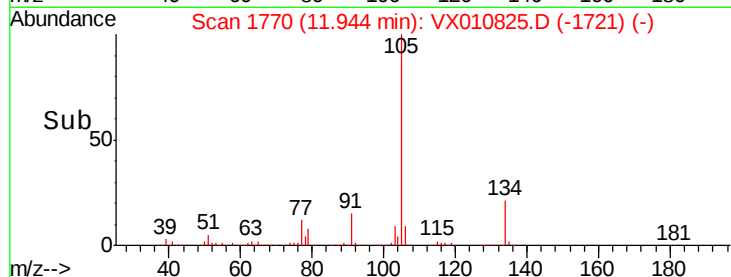
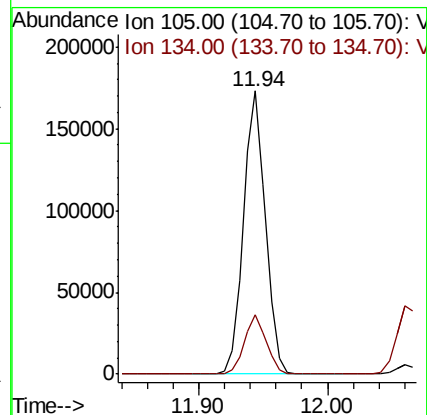
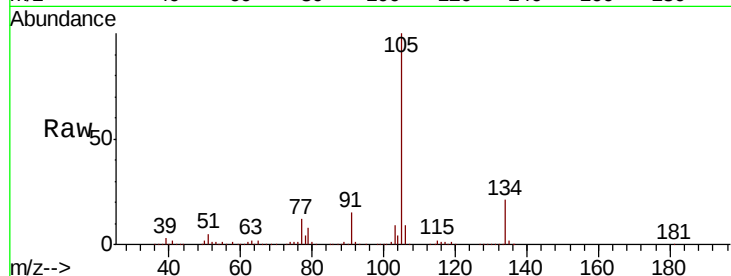
VX0712WBS01

Tot Ion:105 Resp: 203239

Ion Ratio Lower Upper

105 100

134 20.8 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.743 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

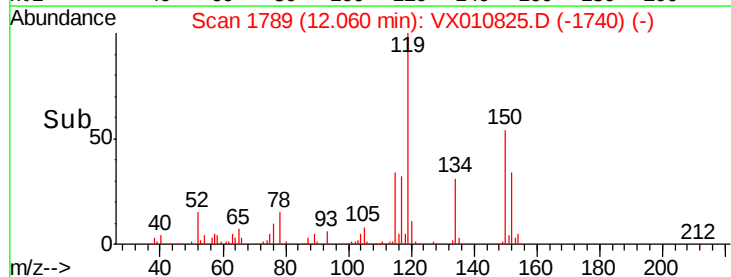
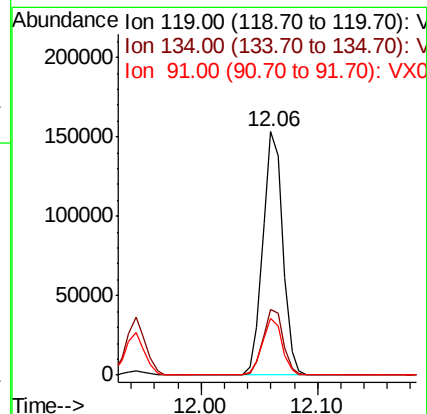
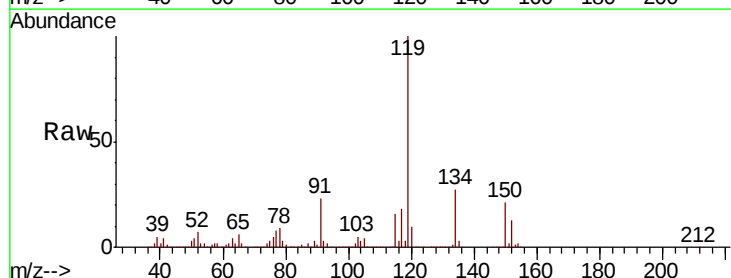
Tgt Ion:119 Resp: 184478

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 23.2 11.3 33.8

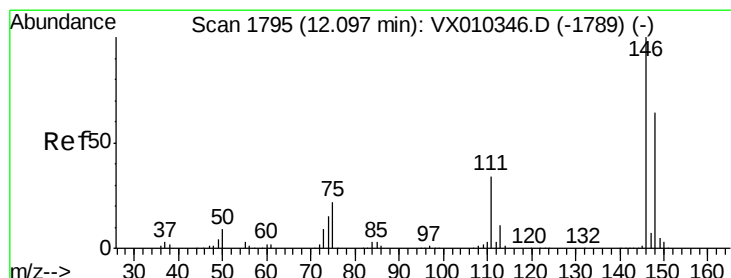
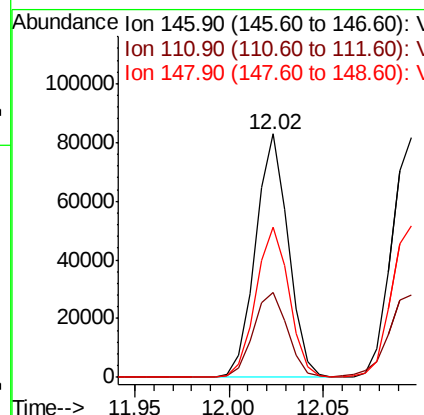
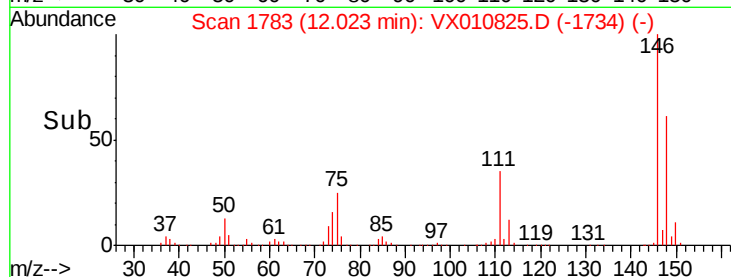
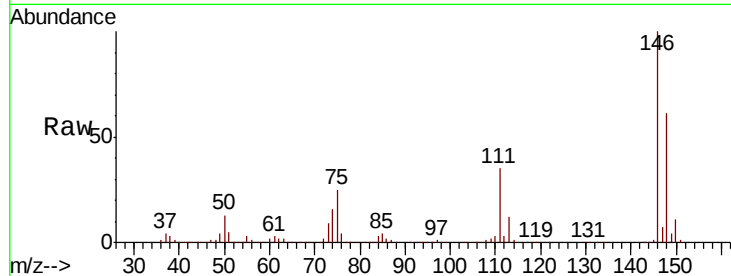




#87
 1,3-Dichlorobenzene
 Concen: 17.643 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

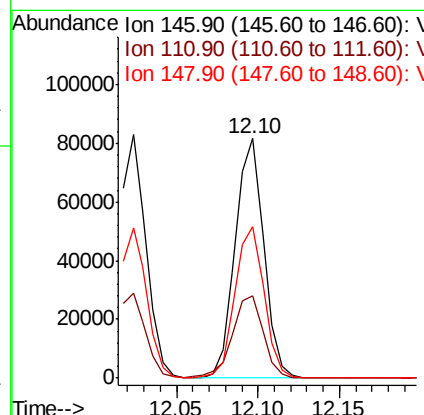
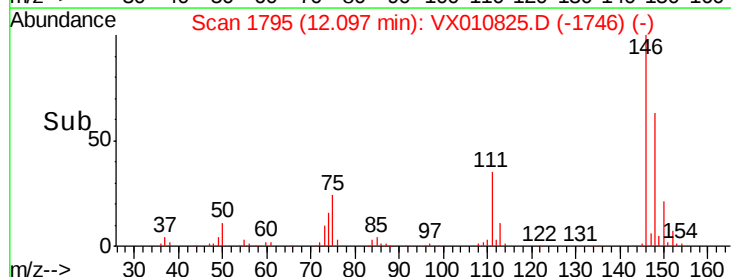
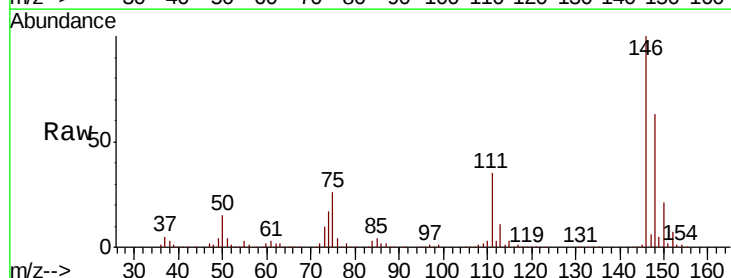
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

Tot Ion:146 Resp: 99496
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.1 57.1
 148 63.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 17.305 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion:146 Resp: 99353
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.3
 148 64.7 32.1 96.3

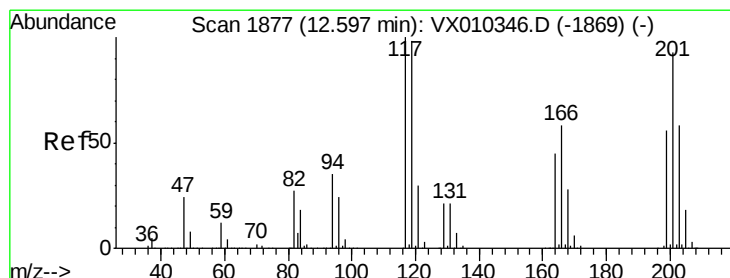
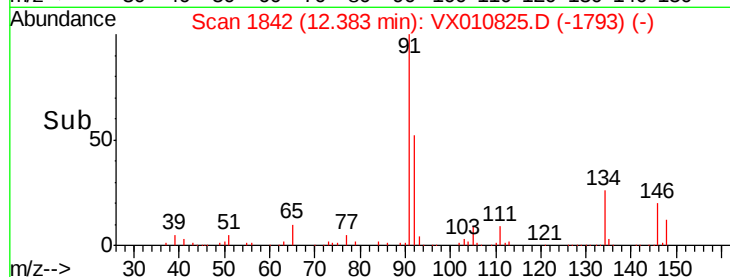
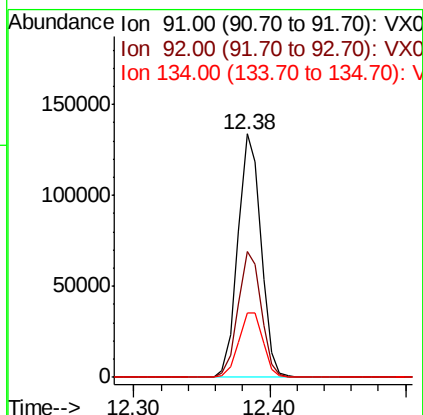
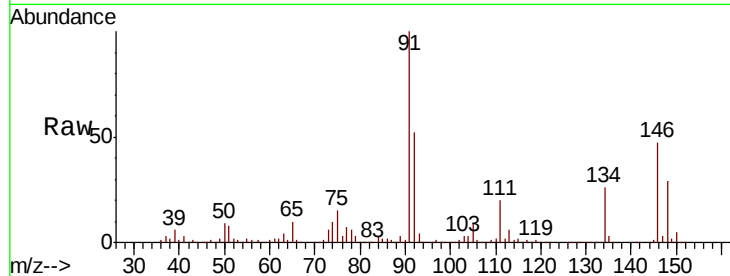




#89
n-Butylbenzene
Concen: 17.895 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

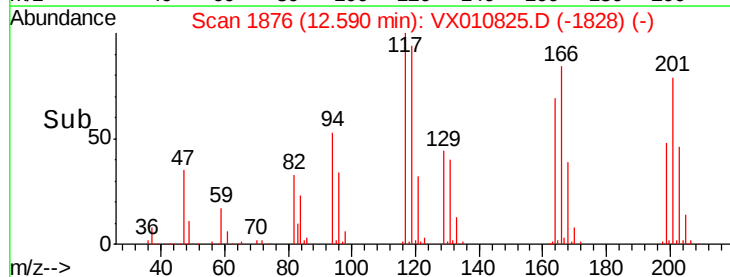
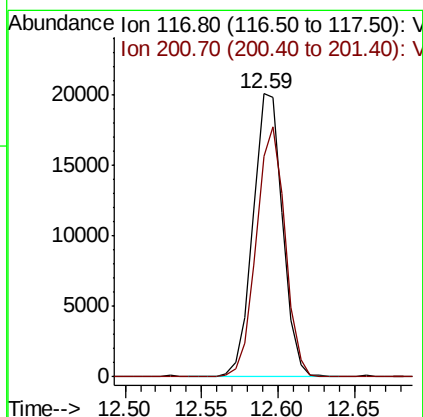
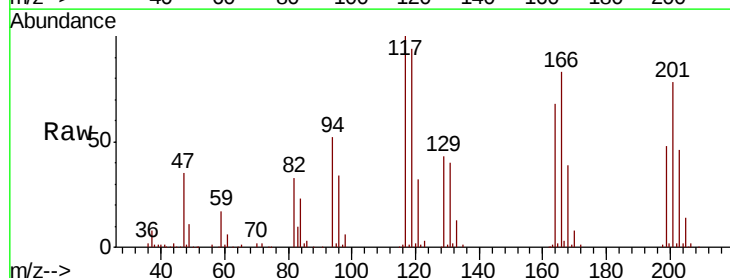
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS01

Tot Ion: 91 Resp: 158100
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 27.9 14.1 42.4



#90
Hexachloroethane
Concen: 15.061 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010825.D
Acq: 12 Jul 2019 10:59

Tgt Ion: 117 Resp: 27077
Ion Ratio Lower Upper
117 100
201 86.2 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 17.816 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0712WBS01

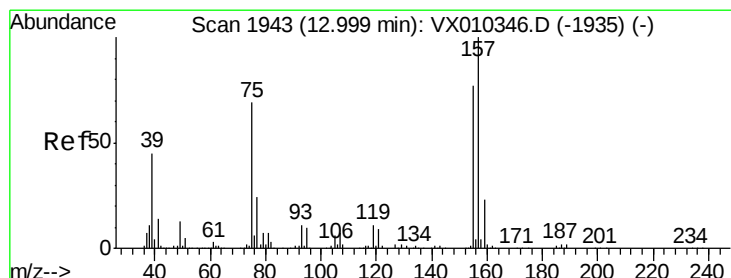
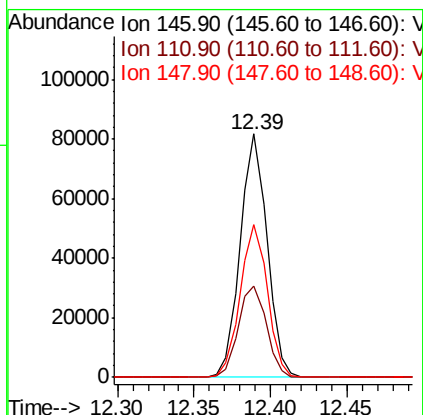
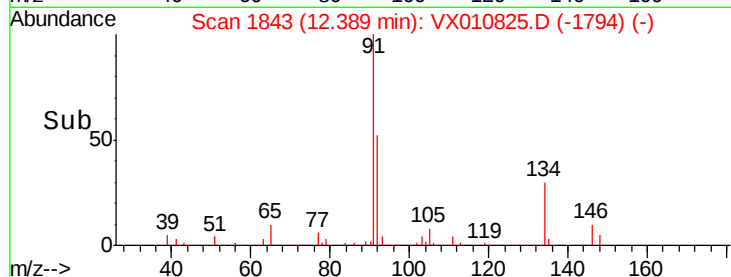
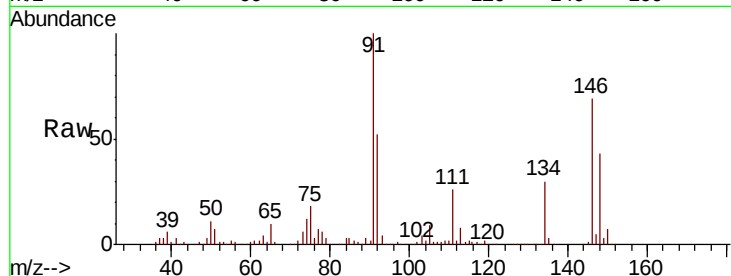
Tot Ion:146 Resp: 99857

Ion Ratio Lower Upper

146 100

111 39.3 19.2 57.6

148 63.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.871 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

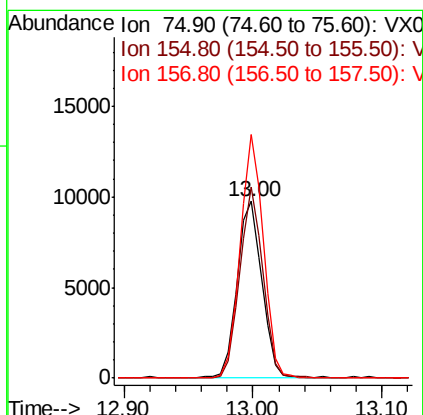
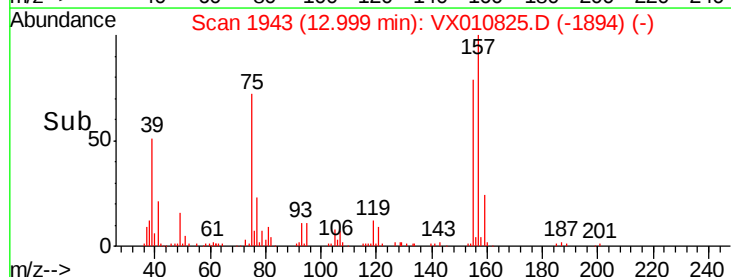
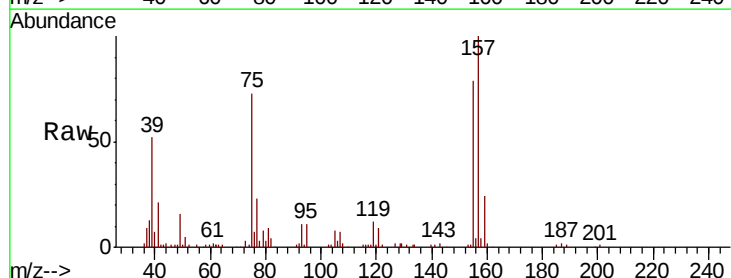
Tgt Ion: 75 Resp: 13112

Ion Ratio Lower Upper

75 100

155 99.8 54.4 163.1

157 126.9 69.5 208.3

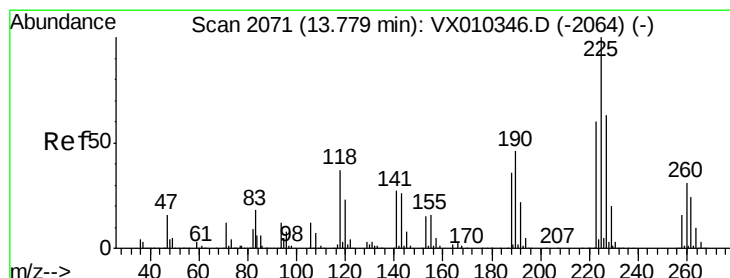
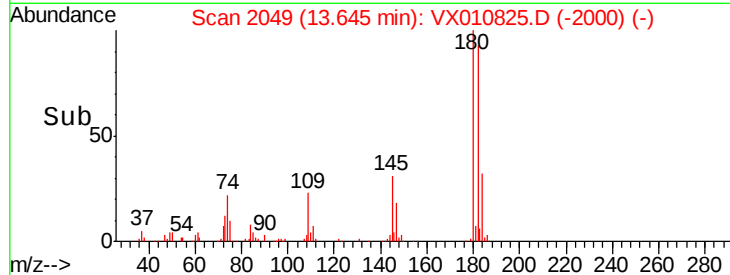
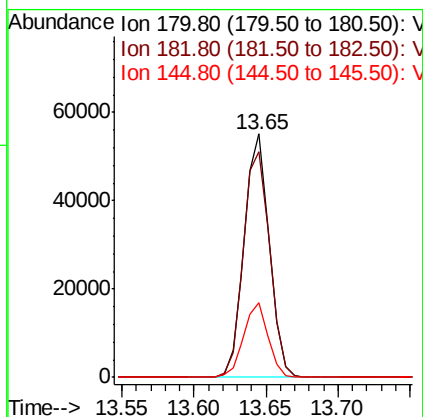
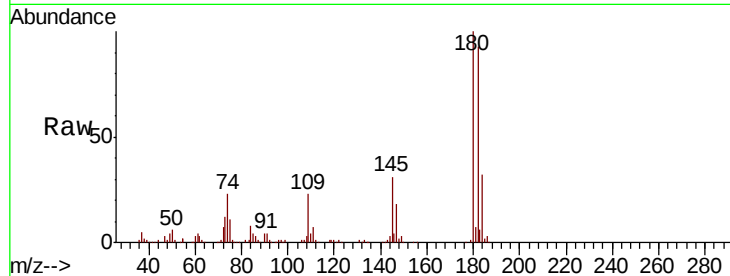




#93
 1,2,4-Trichlorobenzene
 Concen: 17.096 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

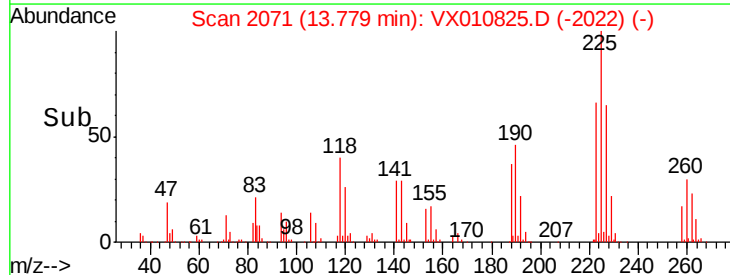
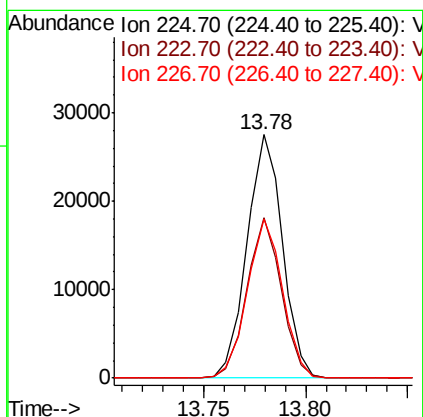
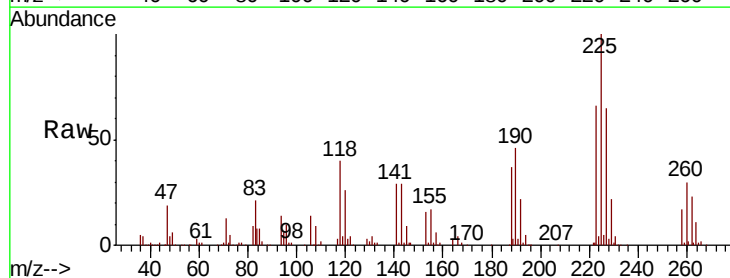
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

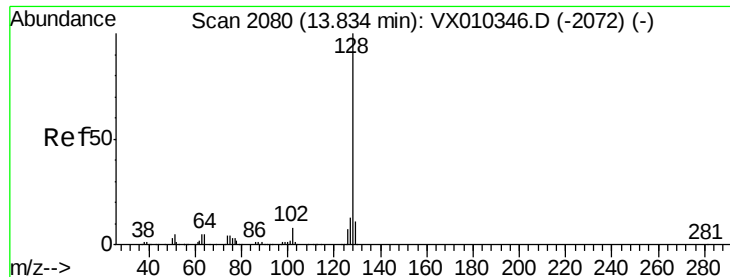
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.0	144.0
145	30.0	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 17.521 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010825.D
 Acq: 12 Jul 2019 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.9	92.7
227	65.0	31.9	95.5





#95

Naphthalene

Concen: 16.722 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS01

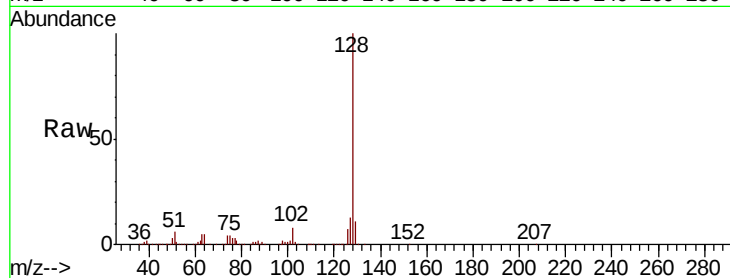
Tot Ion:128 Resp: 199740

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

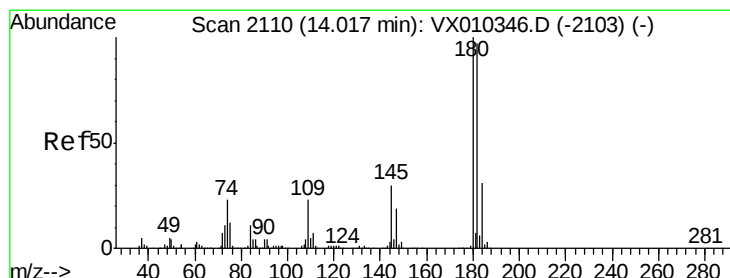
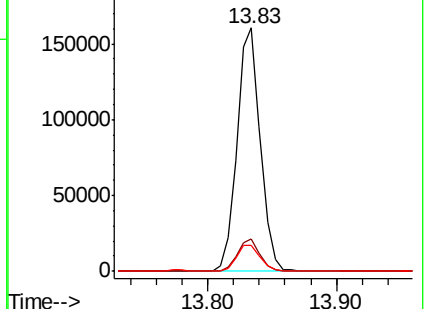
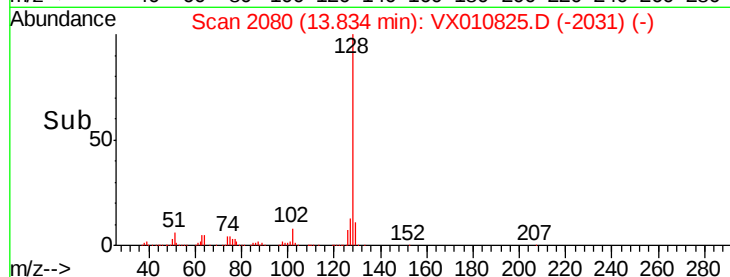
129 11.1 8.9 13.3



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: 17.319 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010825.D

Acq: 12 Jul 2019 10:59

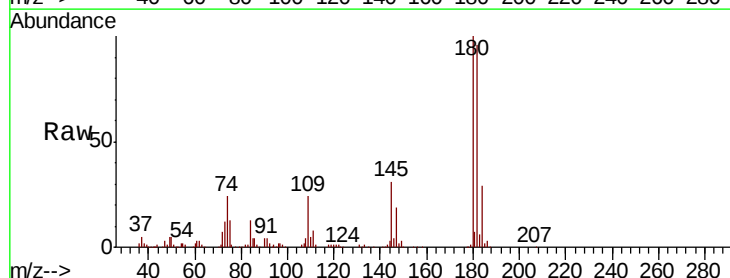
Tgt Ion:180 Resp: 66932

Ion Ratio Lower Upper

180 100

182 99.3 47.8 143.3

145 31.4 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

