

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007790.D
 Acq On : 01 Mar 2019 15:27
 Operator : JC/SP
 Sample : VX0301WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Quant Time: Mar 01 22:19:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173523	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	5.51	113	147534	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
50) Toluene-d8	8.71	98	554313	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	197888	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46918	16.851	ug/l	99
3) Chloromethane	1.33	50	56158	18.201	ug/l	99
4) Vinyl Chloride	1.41	62	57000	18.007	ug/l	100
5) Bromomethane	1.64	94	34606	16.308	ug/l	98
6) Chloroethane	1.73	64	37454	18.520	ug/l	99
7) Trichlorofluoromethane	1.93	101	80631	16.616	ug/l	98
8) Diethyl Ether	2.19	74	35138	17.643	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49004	16.708	ug/l	98
10) Methyl Iodide	2.51	142	68314	18.705	ug/l	100
11) Tert butyl alcohol	3.07	59	69125	97.311	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46104	17.438	ug/l	92
13) Acrolein	2.30	56	75452	119.532	ug/l	98
14) Allyl chloride	2.73	41	96644	19.770	ug/l	92
15) Acrylonitrile	3.15	53	164925	98.659	ug/l	100
16) Acetone	2.45	43	152010	91.302	ug/l	99
17) Carbon Disulfide	2.57	76	121577	16.529	ug/l	99
18) Methyl Acetate	2.78	43	78435	21.589	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	169594	18.421	ug/l	99
20) Methylene Chloride	2.86	84	53740	17.480	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50220	17.473	ug/l	89
22) Diisopropyl ether	3.87	45	195099	19.172	ug/l	94
23) Vinyl Acetate	3.82	43	834280	93.441	ug/l	98
24) 1,1-Dichloroethane	3.70	63	102775	18.583	ug/l	98
25) 2-Butanone	4.70	43	247640	97.646	ug/l	96
26) 2,2-Dichloropropane	4.59	77	72059	16.322	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61995	16.952	ug/l	93
28) Bromochloromethane	5.02	49	50027	18.580	ug/l	85
29) Tetrahydrofuran	5.15	42	161736	96.748	ug/l	93
30) Chloroform	5.21	83	101772	17.179	ug/l	99
31) Cyclohexane	5.57	56	91414	17.572	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	84243	17.194	ug/l	97
36) 1,1-Dichloropropene	5.80	75	73450	18.666	ug/l	97
37) Ethyl Acetate	4.85	43	90608	20.729	ug/l	100
38) Carbon Tetrachloride	5.79	117	71406	18.065	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89034	17.903	ug/l	94
40) Benzene	6.14	78	234892	19.338	ug/l	99
41) Methacrylonitrile	5.06	41	52384	22.443	ug/l	93
42) 1,2-Dichloroethane	6.20	62	79068	19.367	ug/l	99
43) Isopropyl Acetate	6.46	43	138479	20.584	ug/l	99
44) Trichloroethene	7.21	130	62880	18.818	ug/l	99
45) 1,2-Dichloropropane	7.52	63	62697	19.926	ug/l	98
46) Dibromomethane	7.66	93	39053	17.791	ug/l	99
47) Bromodichloromethane	7.90	83	70258	18.469	ug/l	99
48) Methyl methacrylate	7.77	41	73104	20.731	ug/l	92
49) 1,4-Dioxane	7.75	88	29317	384.922	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	466551	103.606	ug/l	99
52) Toluene	8.79	92	144000	18.800	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78068	18.385	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86844	18.812	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	59857	18.740	ug/l	98
56) Ethyl methacrylate	9.18	69	89396	19.681	ug/l	95
57) 1,3-Dichloropropane	9.37	76	100533	19.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	245333	97.944	ug/l	97
59) 2-Hexanone	9.49	43	355060	100.431	ug/l	99
60) Dibromochloromethane	9.58	129	56775	18.472	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61967	18.685	ug/l	99
64) Tetrachloroethene	9.34	164	65412	20.567	ug/l	98
65) Chlorobenzene	10.13	112	159172	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56829	19.228	ug/l	99
67) Ethyl Benzene	10.25	91	263434	18.768	ug/l	100
68) m/p-Xylenes	10.36	106	202142	37.019	ug/l	97
69) o-Xylene	10.70	106	98804	18.812	ug/l	96
70) Styrene	10.71	104	162172	18.785	ug/l	100
71) Bromoform	10.86	173	43917	19.815	ug/l #	100
73) Isopropylbenzene	11.02	105	265066	18.786	ug/l	100
74) N-amyl acetate	10.90	43	117287	19.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90139	18.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	100951	23.990	ug/l	80
77) Bromobenzene	11.26	156	71886	20.313	ug/l	95
78) n-propylbenzene	11.36	91	292549	18.349	ug/l	98
79) 2-Chlorotoluene	11.42	91	178518	18.595	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	217434	18.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23758	17.228	ug/l	93
82) 4-Chlorotoluene	11.51	91	203345	18.106	ug/l	98
83) tert-Butylbenzene	11.77	119	211797	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	222261	18.722	ug/l	99
85) sec-Butylbenzene	11.94	105	260051	18.623	ug/l	99
86) p-Isopropyltoluene	12.06	119	230291	18.832	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	123718	18.847	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125500	18.667	ug/l	99
89) n-Butylbenzene	12.38	91	189717	17.396	ug/l	99
90) Hexachloroethane	12.60	117	35017	16.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	125050	19.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18123	17.044	ug/l	96

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

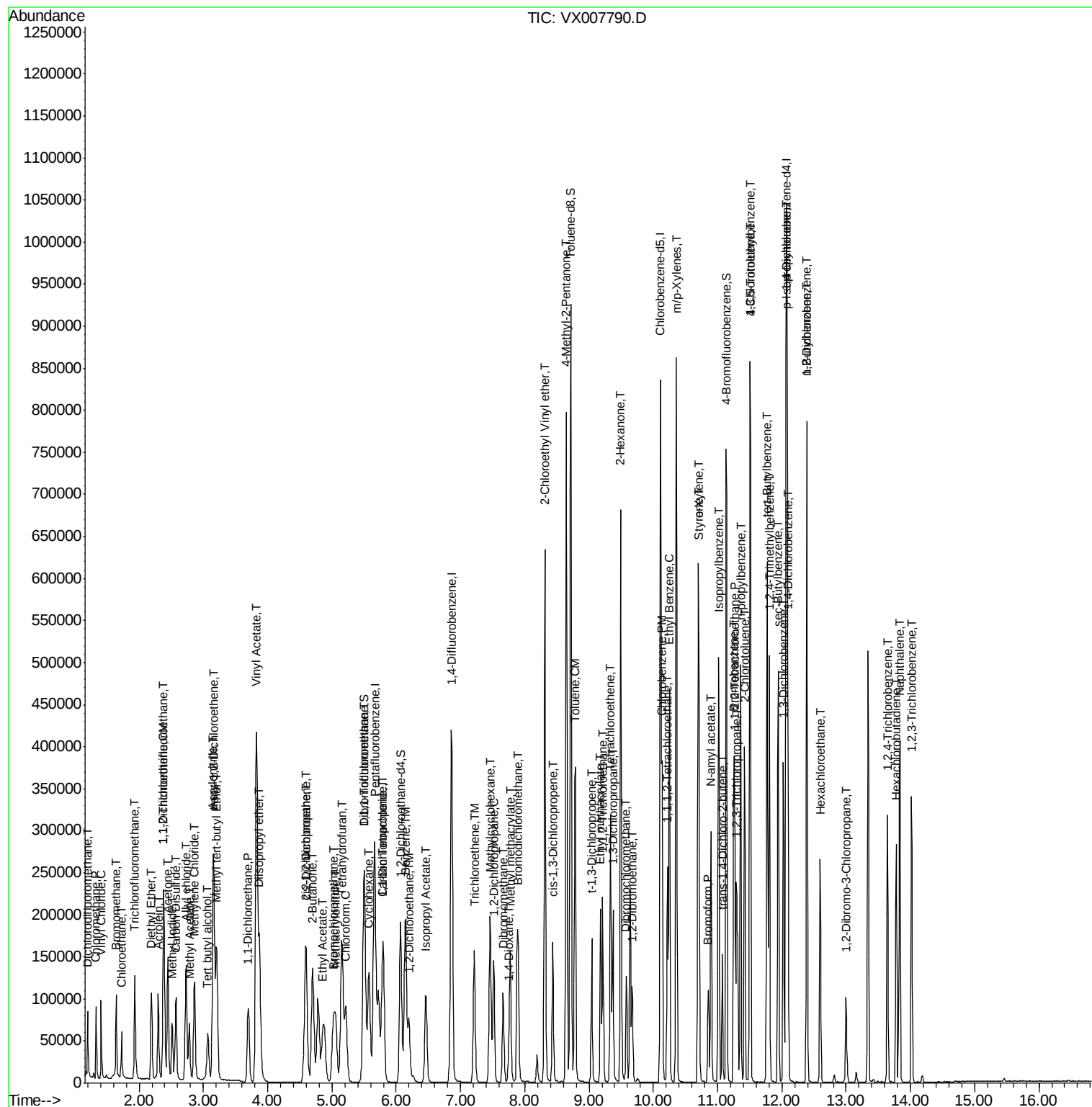
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85412	21.304	ug/l	99
94) Hexachlorobutadiene	13.78	225	46286	25.236	ug/l	98
95) Naphthalene	13.83	128	257157	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86143	21.398	ug/l	99

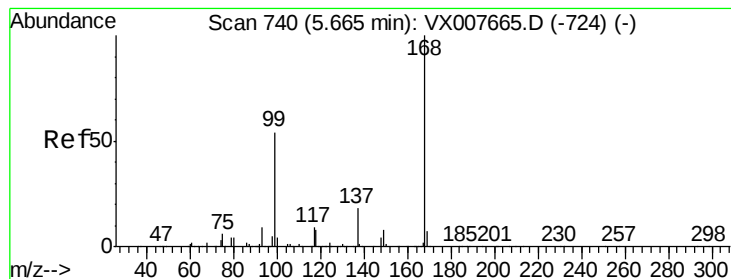
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\
Data File : VX007790.D
Acq On : 01 Mar 2019 15:27
Operator : JC/SP
Sample : VX0301WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0301WBSD01

Quant Time: Mar 01 22:19:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

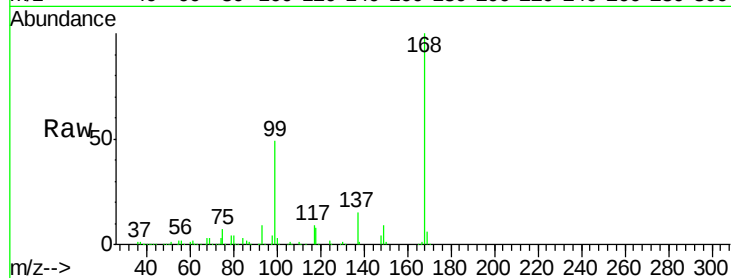
VX0301WBSD01

Tot Ion:168 Resp: 302249

Ion Ratio Lower Upper

168 100

99 48.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

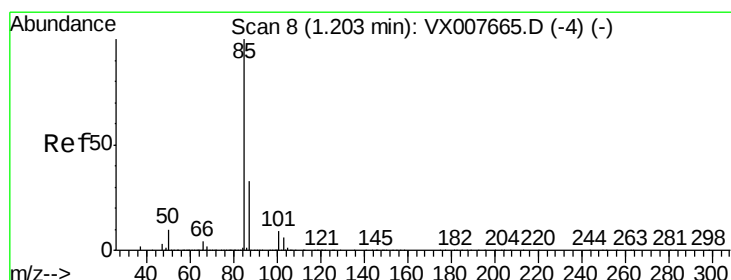
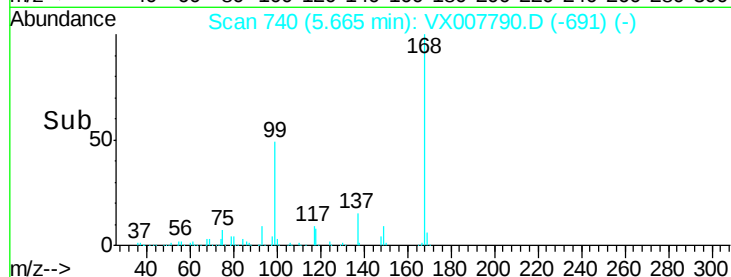
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.851 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007790.D

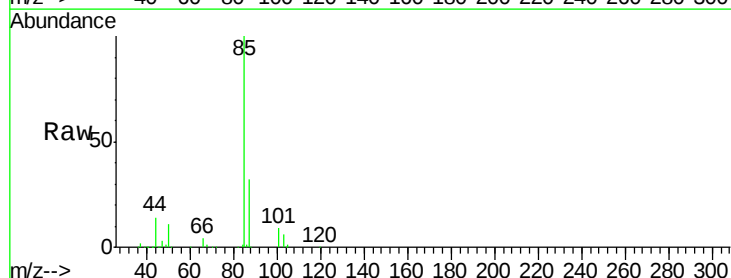
Acq: 01 Mar 2019 15:27

Tgt Ion: 85 Resp: 46918

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

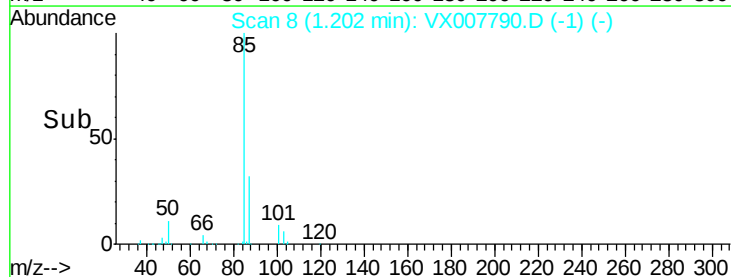
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

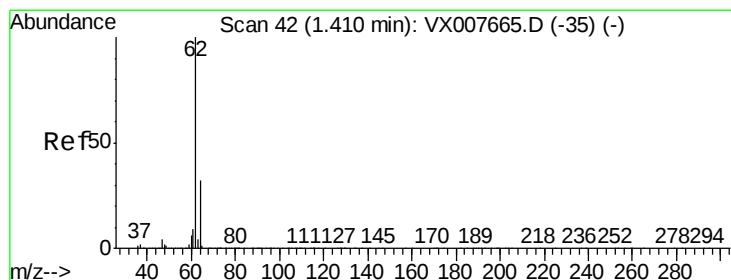
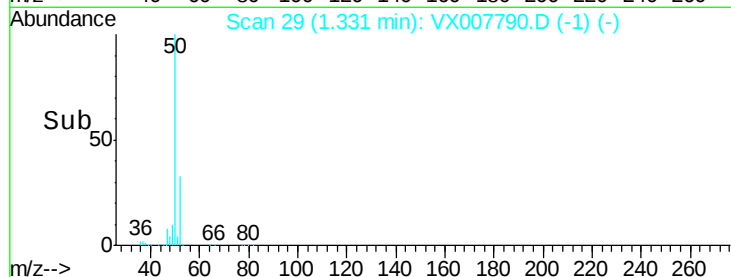
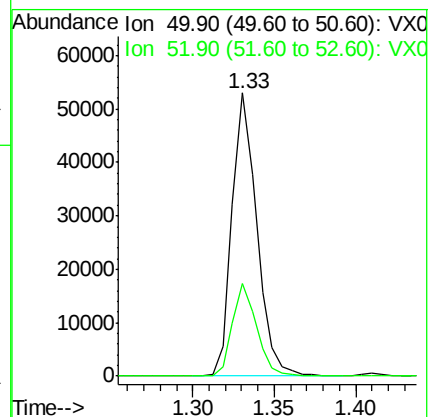
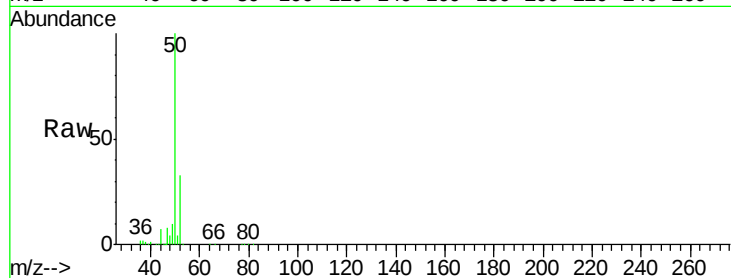
VX0301WBSD01

Tot Ion: 50 Resp: 56158

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 18.007 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007790.D

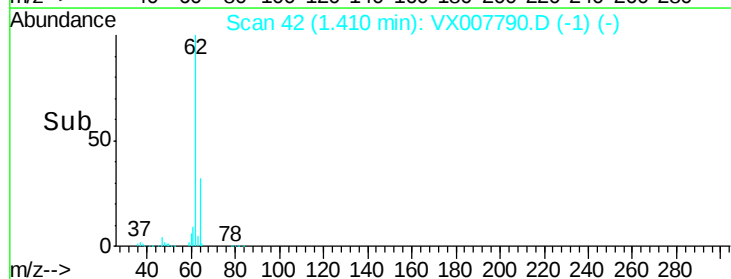
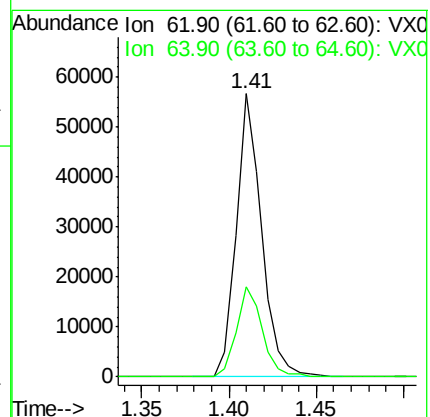
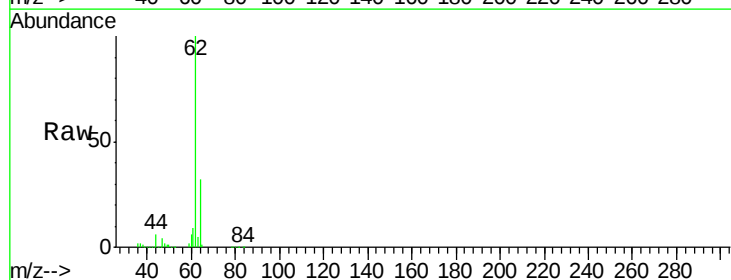
Acq: 01 Mar 2019 15:27

Tgt Ion: 62 Resp: 57000

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 16.308 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

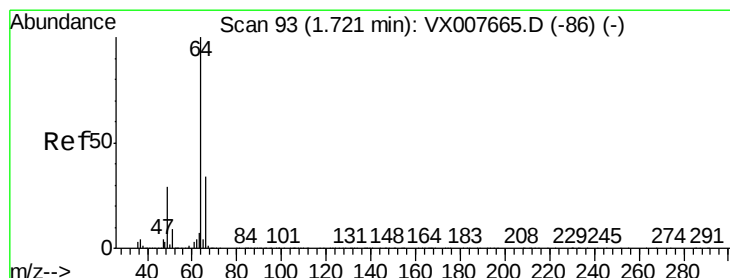
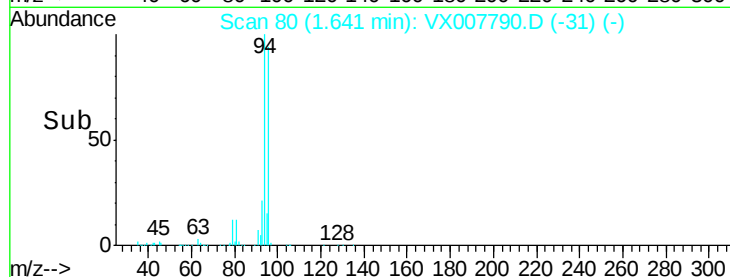
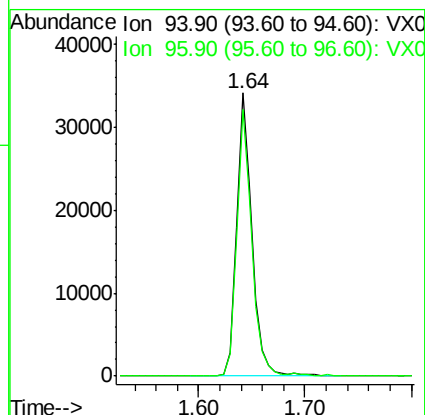
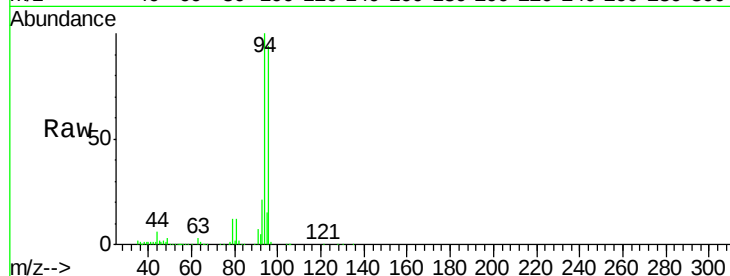
VX0301WBSD01

Tot Ion: 94 Resp: 34606

Ion Ratio Lower Upper

94 100

96 94.1 73.9 110.9



#6

Chloroethane

Concen: 18.520 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007790.D

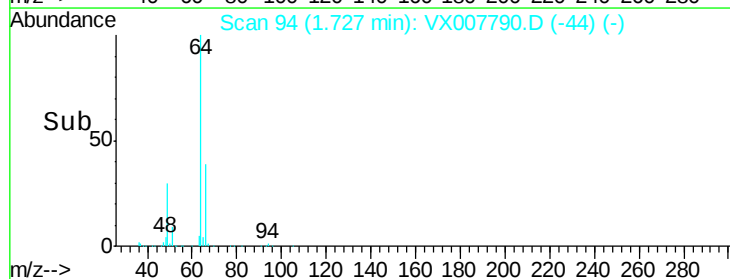
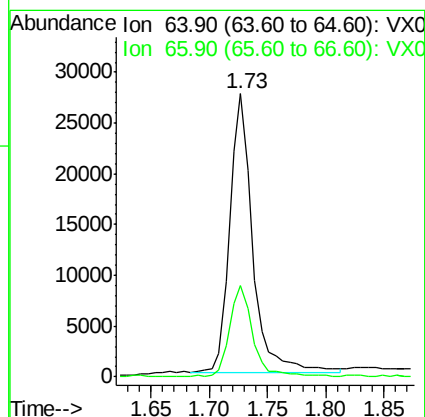
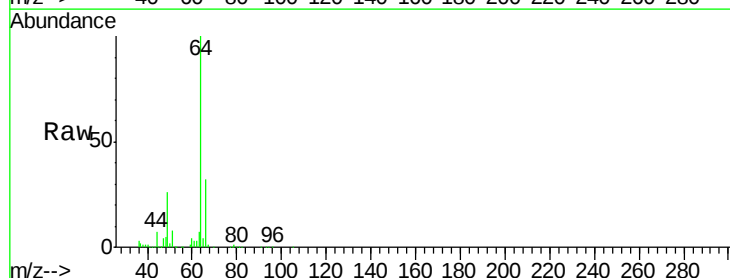
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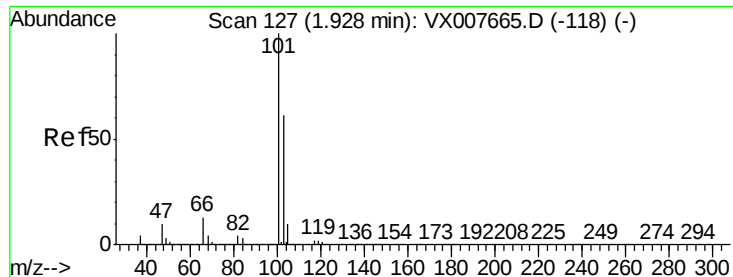
Tgt Ion: 64 Resp: 37454

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



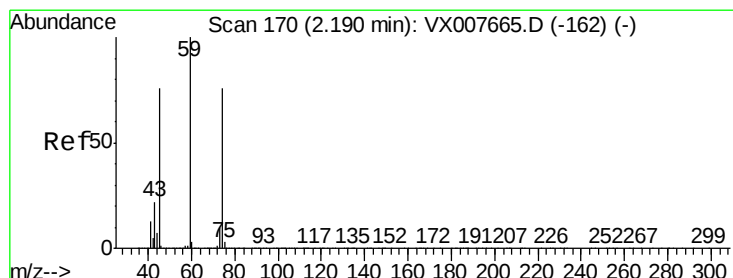
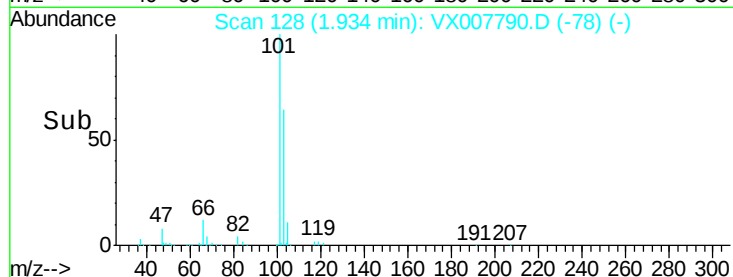
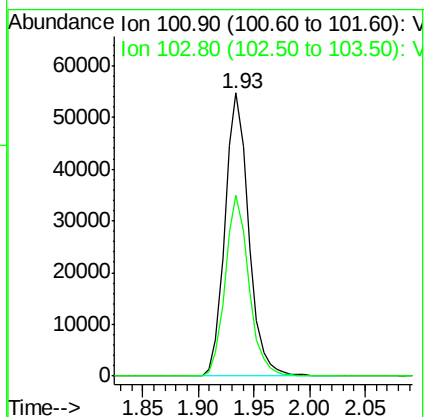
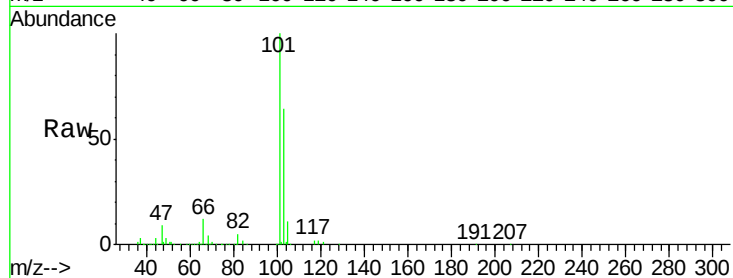


#7

Trichlorofluoromethane
 Concen: 16.616 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

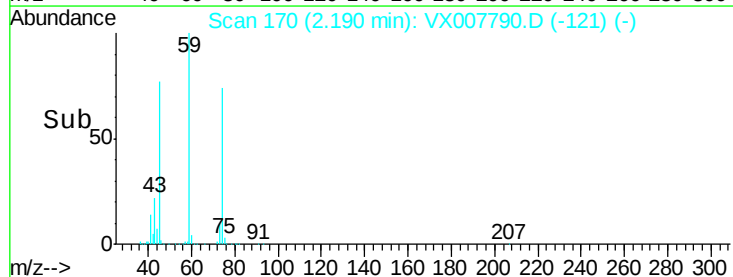
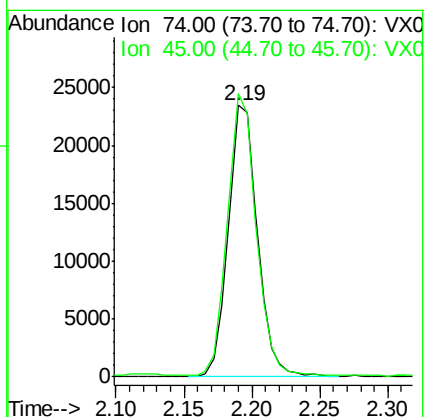
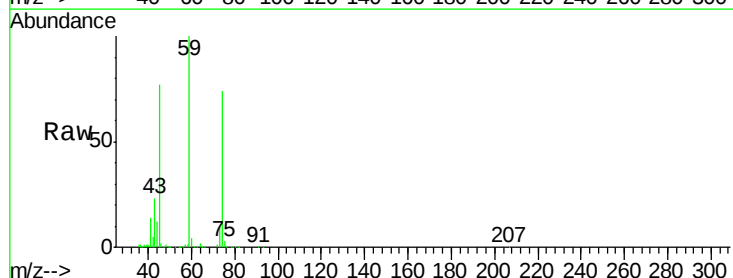
Tot Ion:101 Resp: 80631
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.6 79.0



#8

Diethyl Ether
 Concen: 17.643 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion: 74 Resp: 35138
 Ion Ratio Lower Upper
 74 100
 45 102.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.708 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

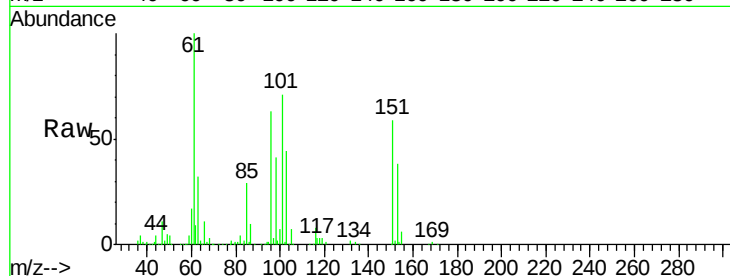
Tot Ion:101 Resp: 49004

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

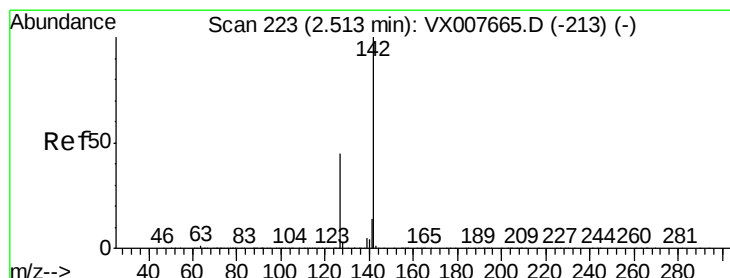
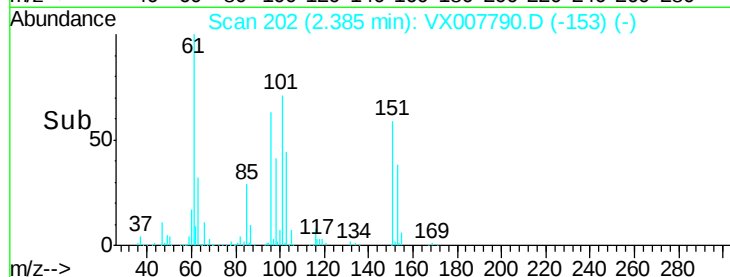
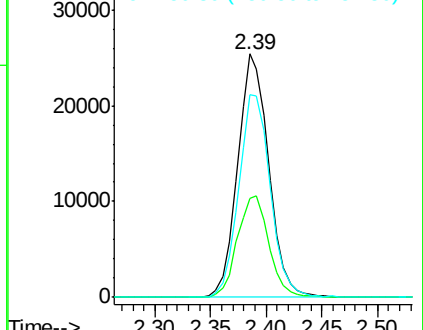
151 85.3 69.9 104.9



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: 18.705 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

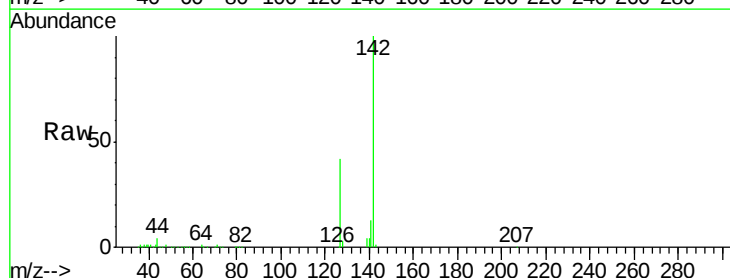
Tgt Ion:142 Resp: 68314

Ion Ratio Lower Upper

142 100

127 41.8 33.7 50.5

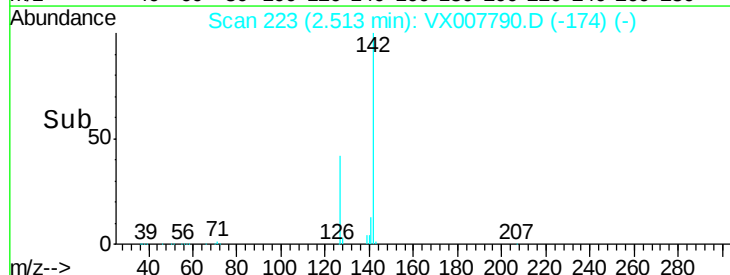
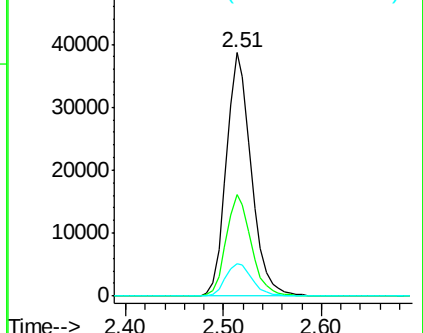
141 14.3 11.3 16.9



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



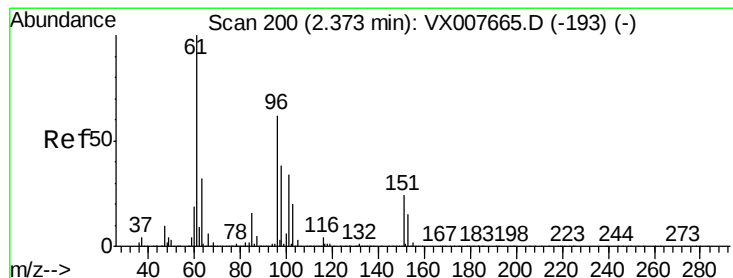
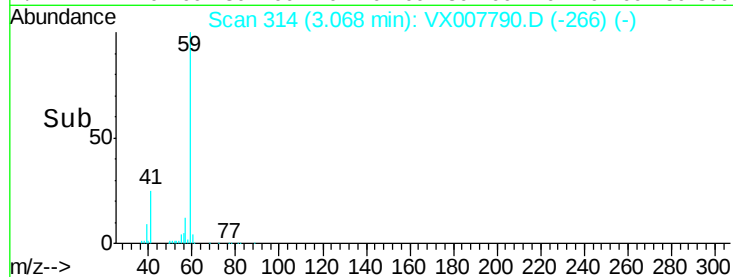
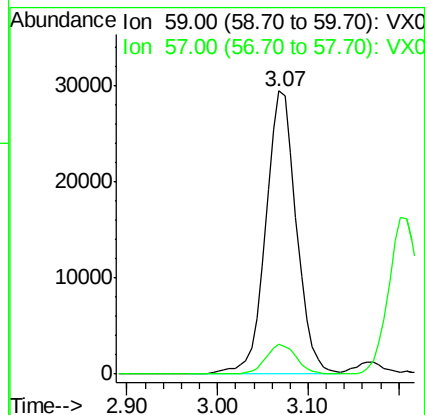
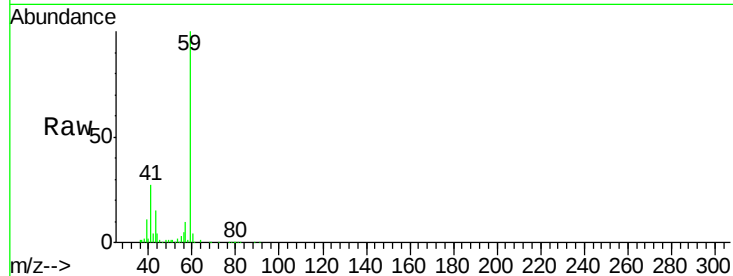


#11

Tert butyl alcohol
 Concen: 97.311 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

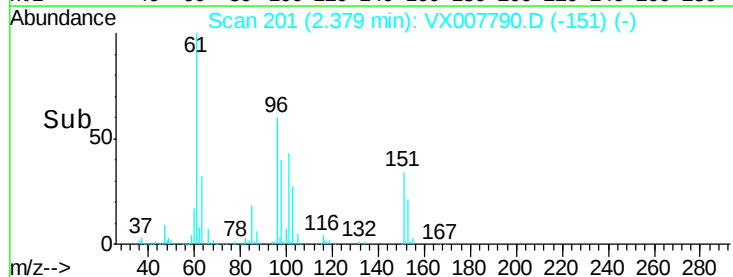
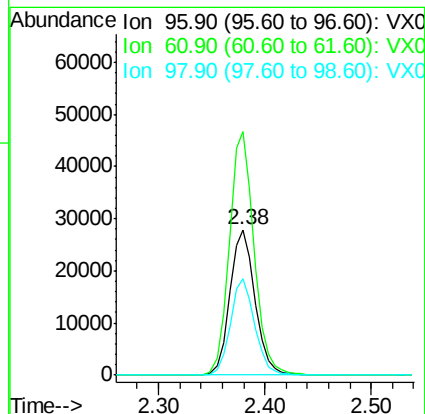
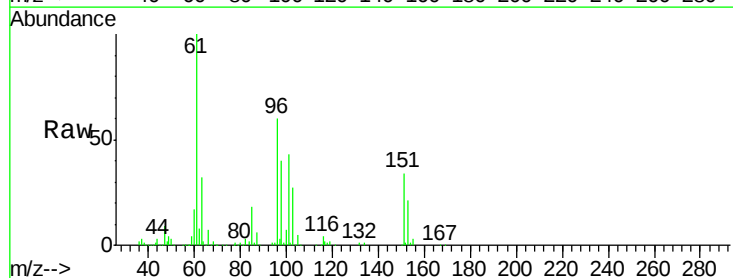
Tot Ion: 59 Resp: 69125
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

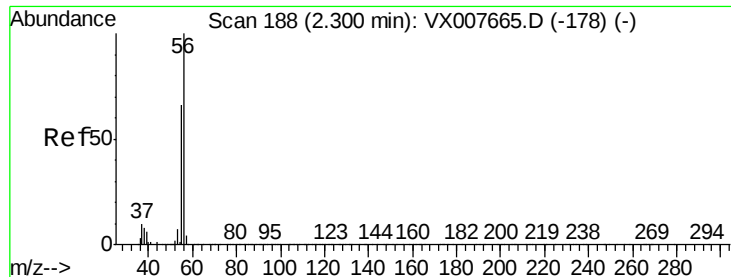


#12

1,1-Dichloroethene
 Concen: 17.438 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion: 96 Resp: 46104
 Ion Ratio Lower Upper
 96 100
 61 167.2 123.0 184.4
 98 66.3 50.9 76.3





#13

Acrolein

Concen: 119.532 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

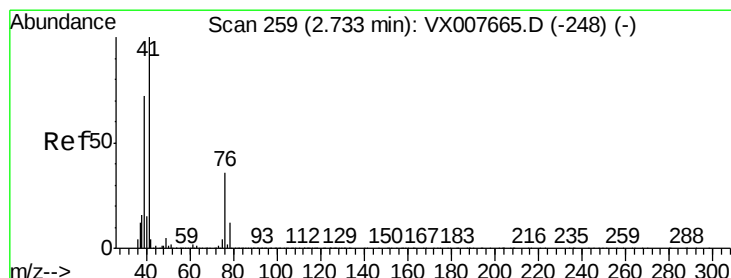
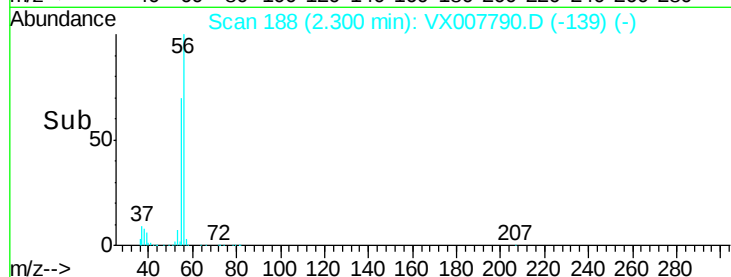
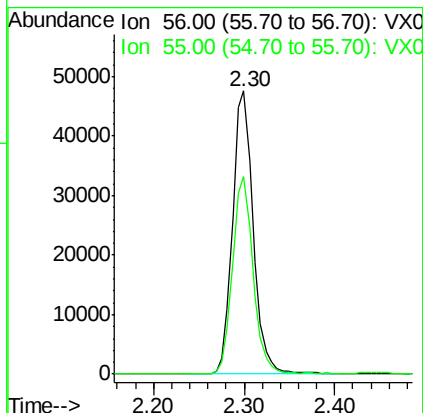
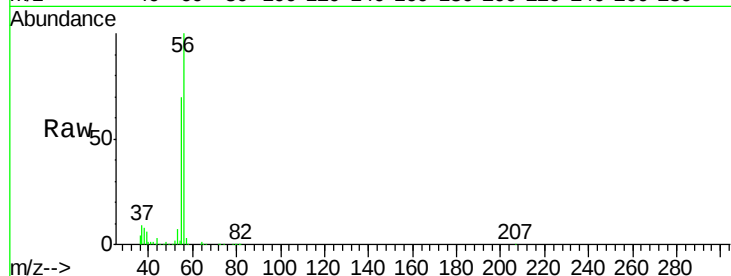
VX0301WBSD01

Tot Ion: 56 Resp: 75452

Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3



#14

Allyl chloride

Concen: 19.770 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

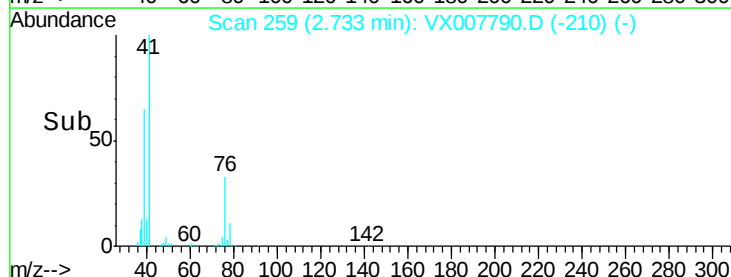
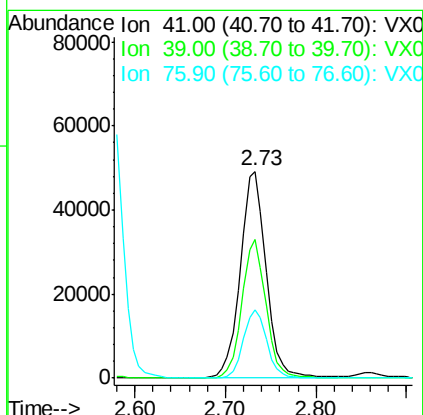
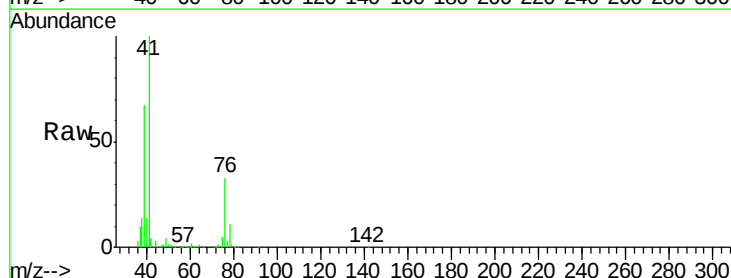
Tgt Ion: 41 Resp: 96644

Ion Ratio Lower Upper

41 100

39 61.8 54.1 81.1

76 30.0 27.8 41.8





#15

Acrylonitrile

Concen: 98.659 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0301WBSD01

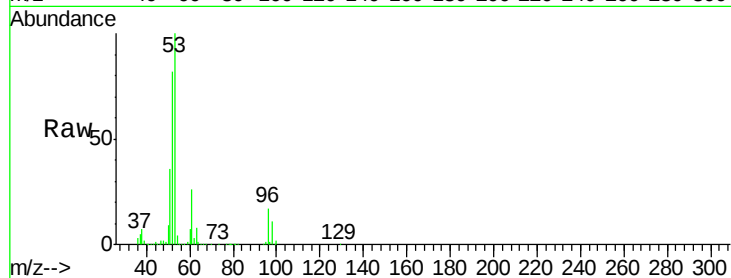
Tot Ion: 53 Resp: 164925

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

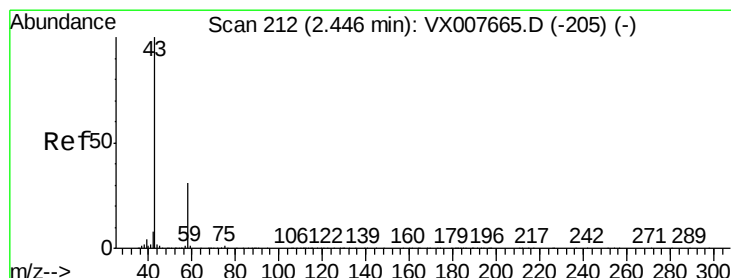
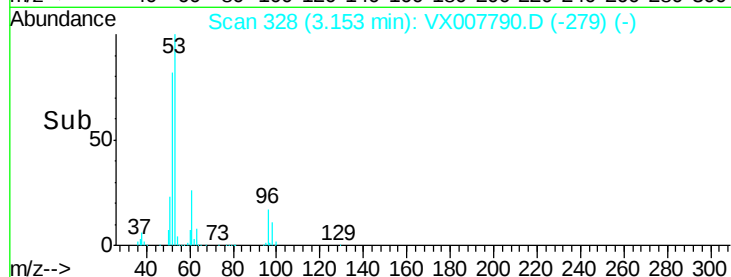
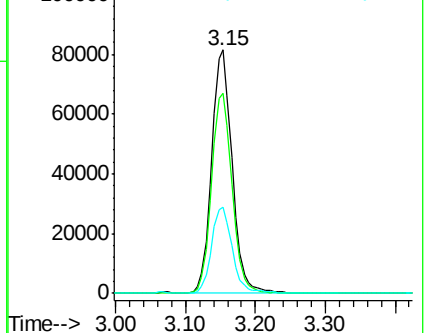
51 36.0 28.4 42.6



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: 91.302 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007790.D

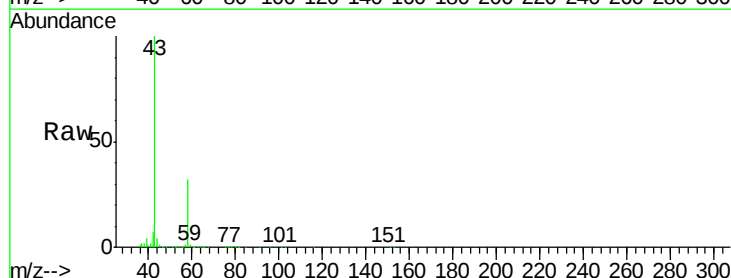
Acq: 01 Mar 2019 15:27

Tgt Ion: 43 Resp: 152010

Ion Ratio Lower Upper

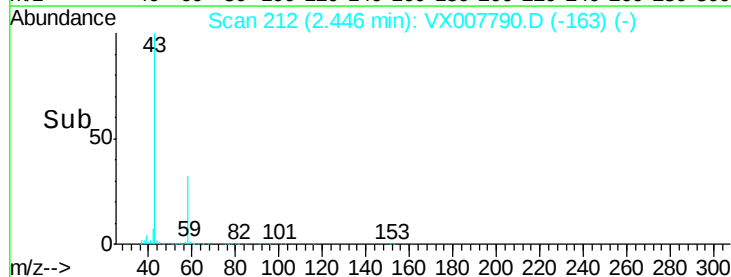
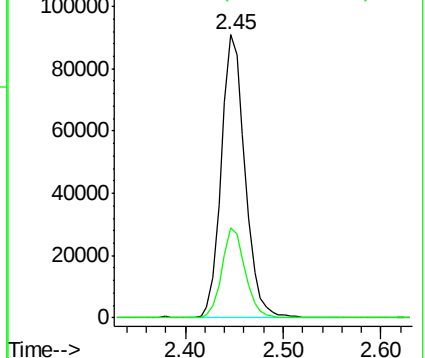
43 100

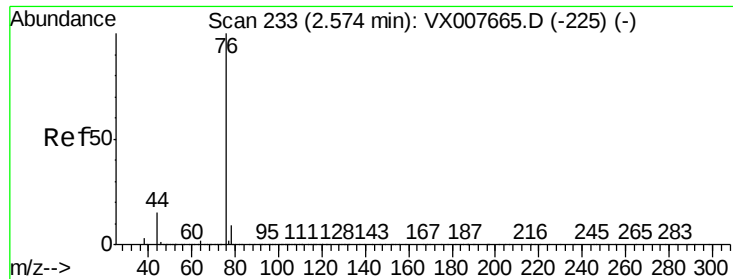
58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

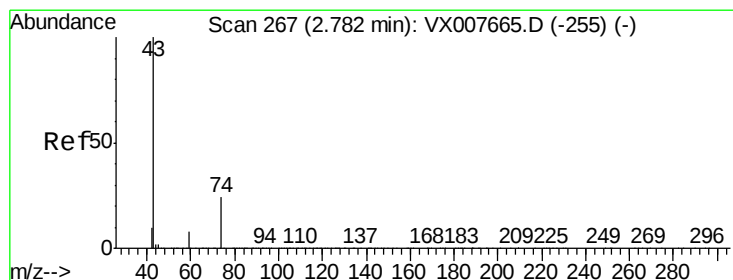
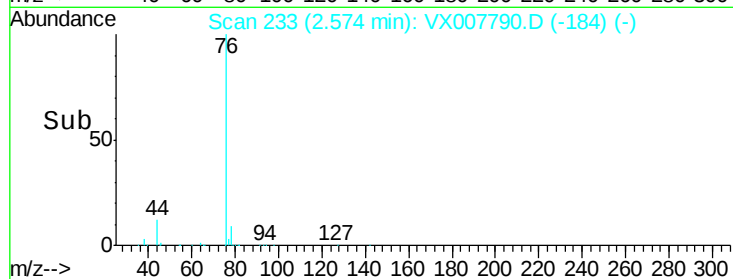
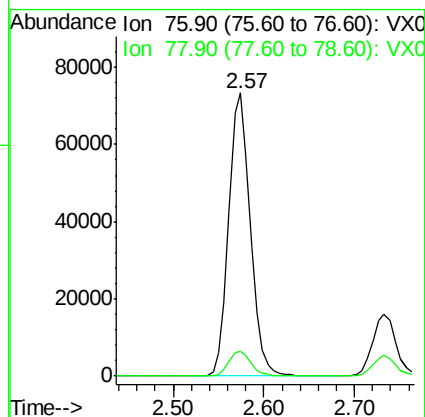
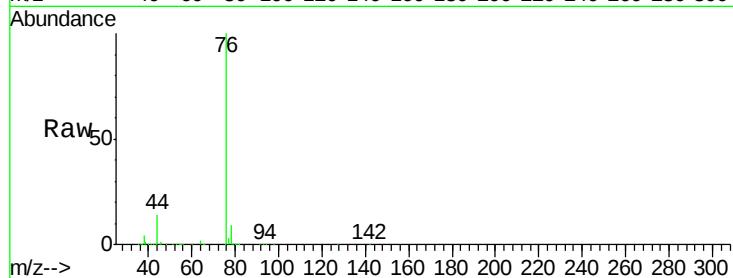




#17
Carbon Disulfide
Concen: 16.529 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

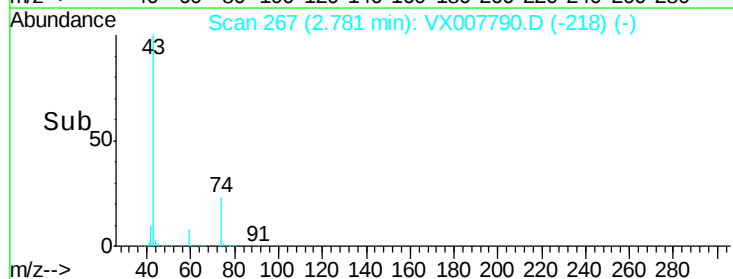
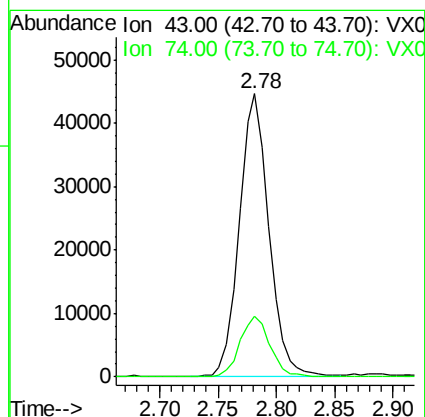
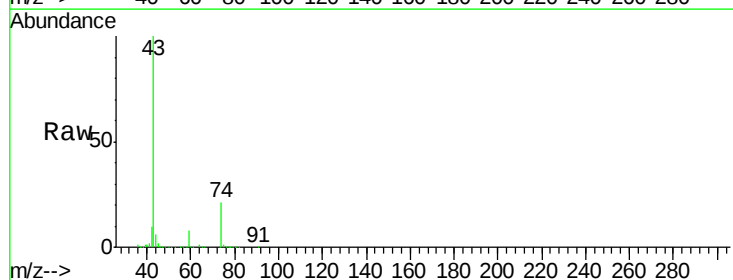
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

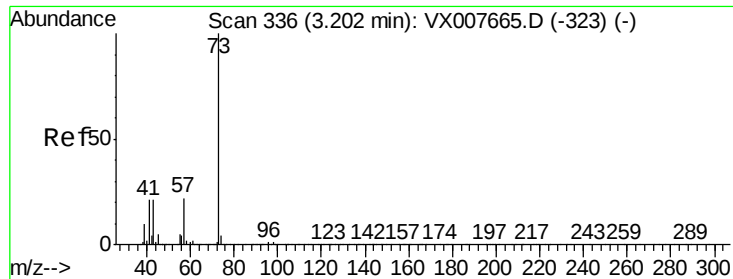
Tot Ion: 76 Resp: 121577
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 21.589 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 43 Resp: 78435
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2

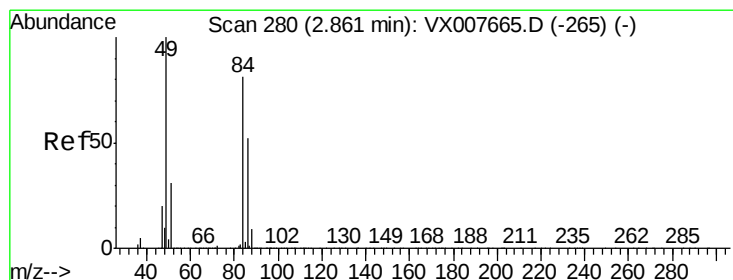
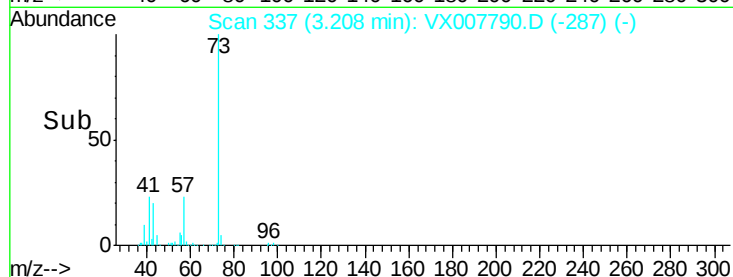
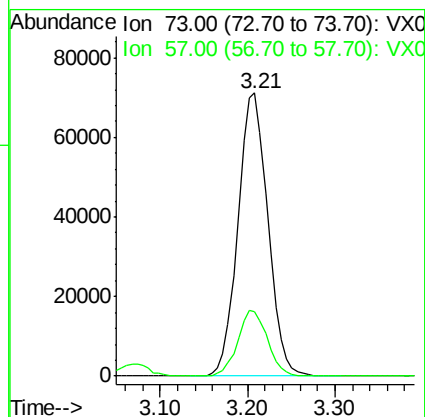
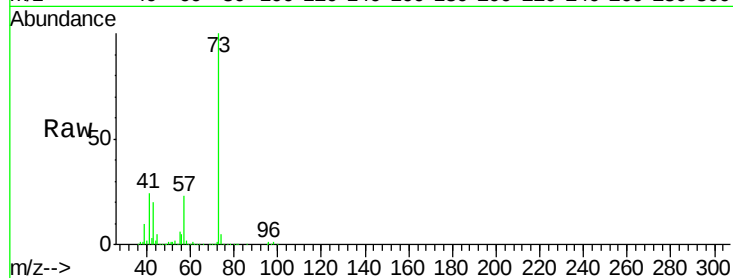




#19
Methvl tert-butvl Ether
Concen: 18.421 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

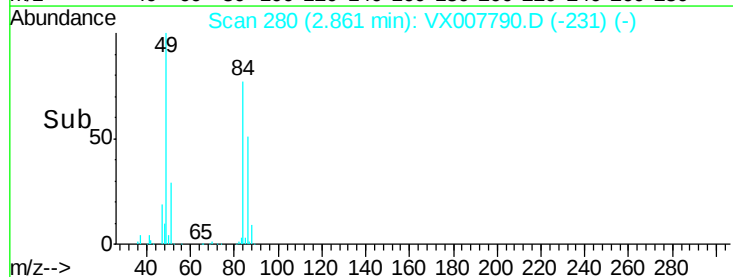
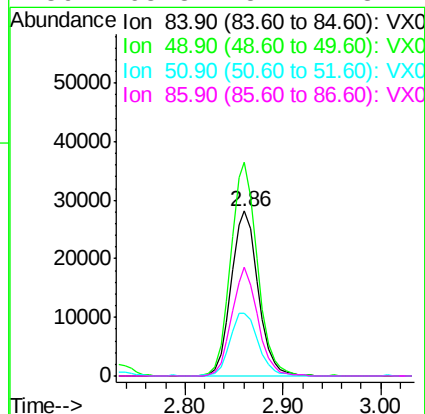
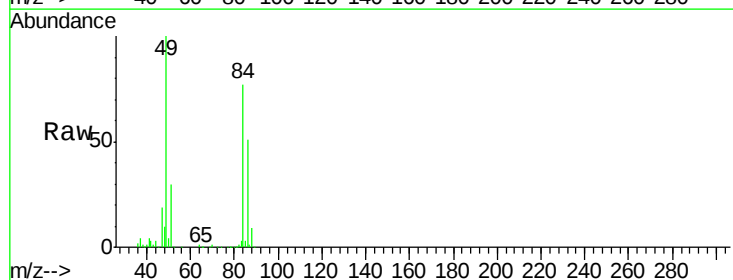
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion: 73 Resp: 169594
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 17.480 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 84 Resp: 53740
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 38.2 29.8 44.8
86 65.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.473 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

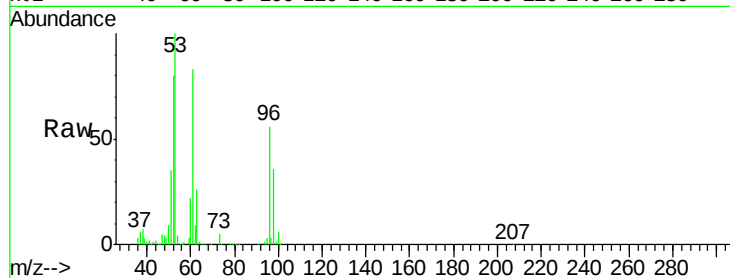
Tot Ion: 96 Resp: 50220

Ion Ratio Lower Upper

96 100

61 149.0 104.6 156.8

98 64.7 51.0 76.4

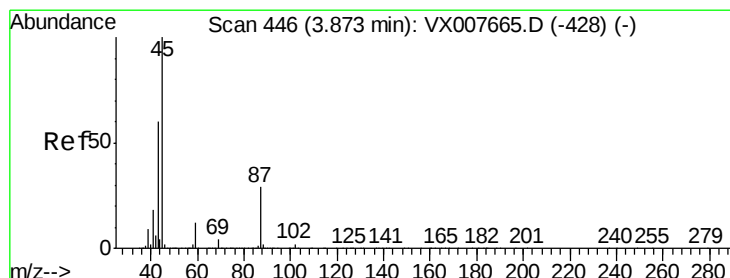
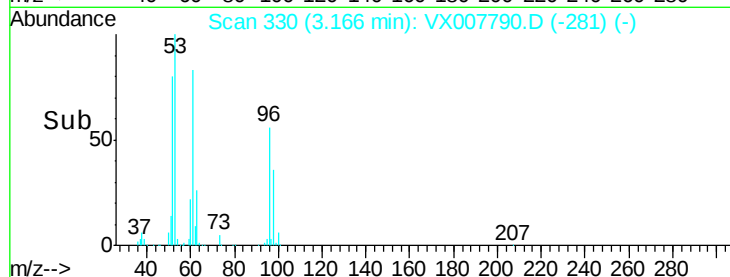
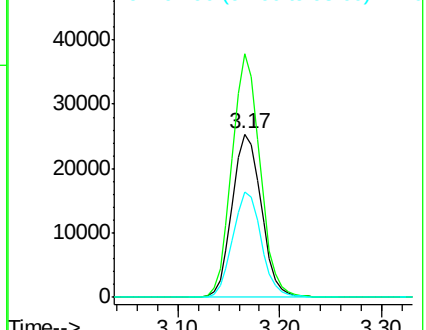


Abundance

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: 19.172 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion: 45 Resp: 195099

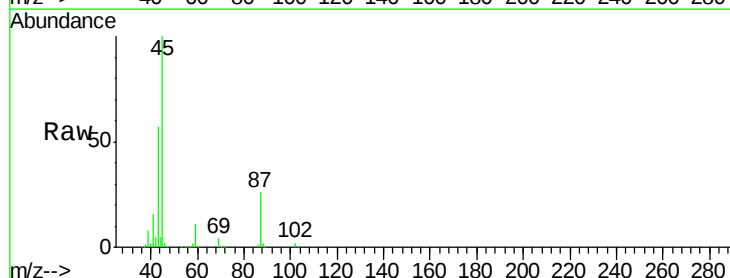
Ion Ratio Lower Upper

45 100

43 56.6 48.9 73.3

87 26.4 23.9 35.9

59 11.1 9.6 14.4



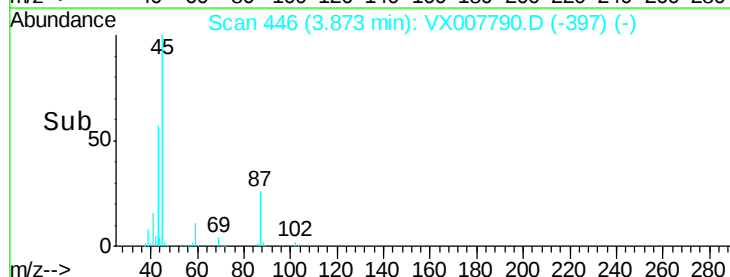
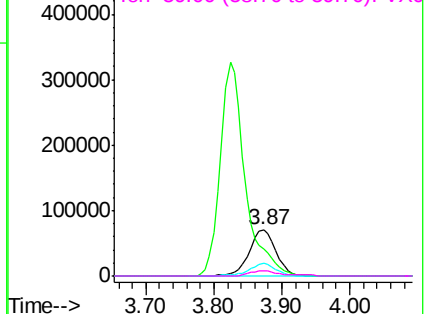
Abundance

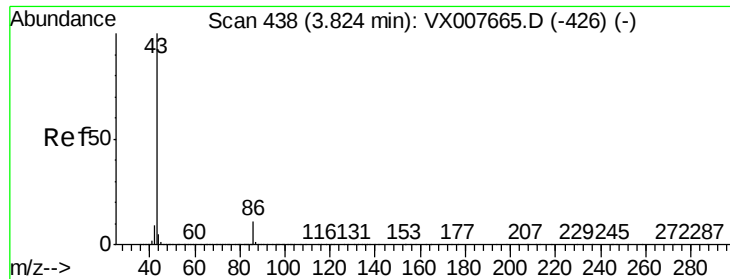
Ion 45.00 (44.70 to 45.70): VX0

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

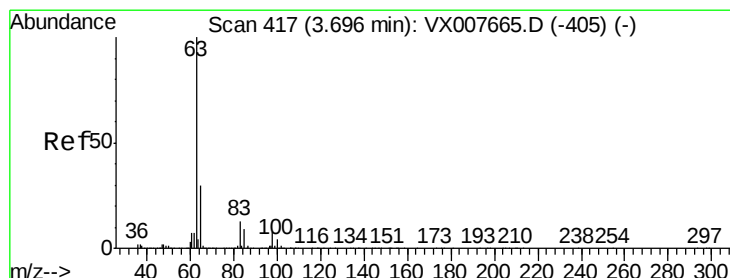
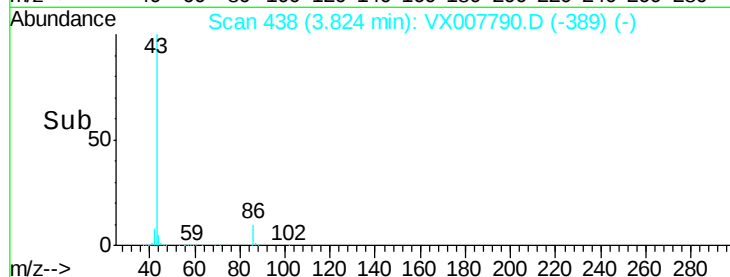
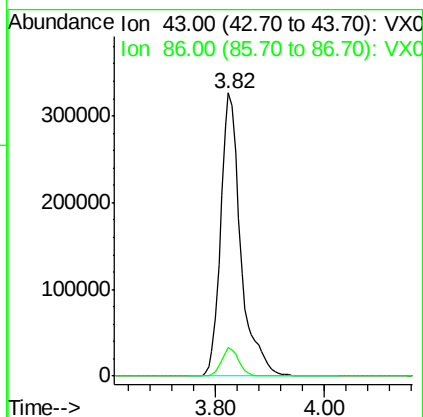
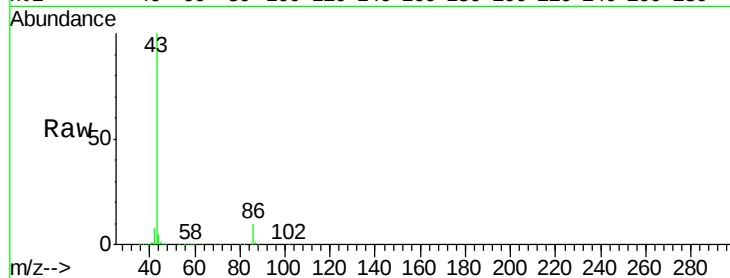




#23
 Vinyl Acetate
 Concen: 93.441 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

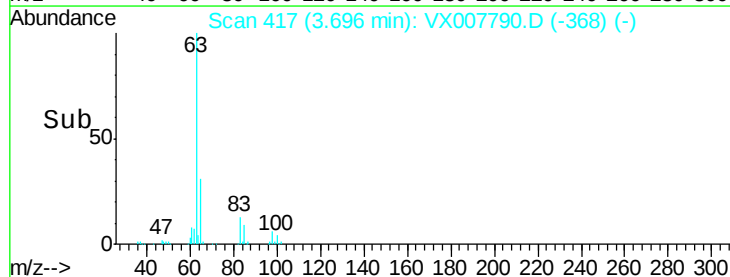
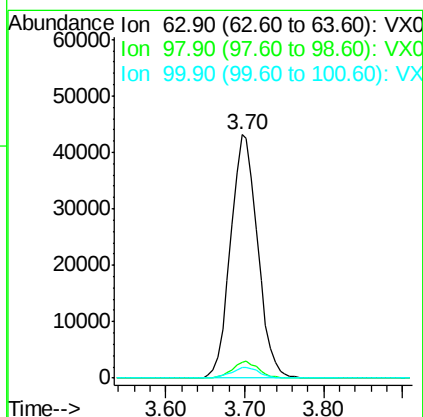
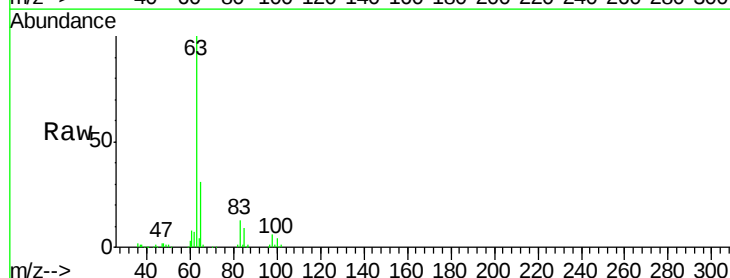
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

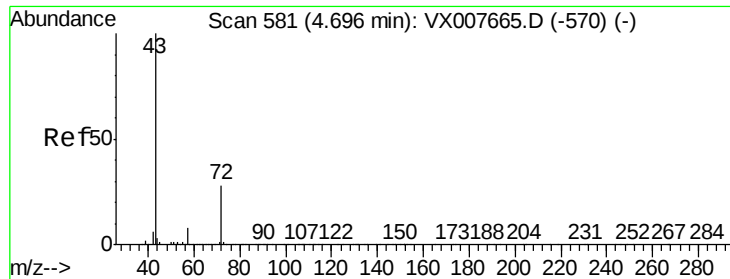
Tot Ion: 43 Resp: 834280
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 18.583 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion: 63 Resp: 102775
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 97.646 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

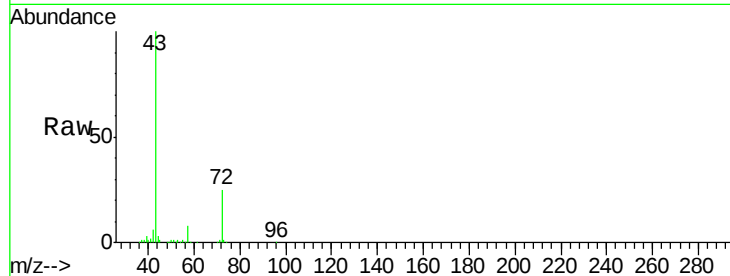
VX0301WBSD01

Tot Ion: 43 Resp: 247640

Ion Ratio Lower Upper

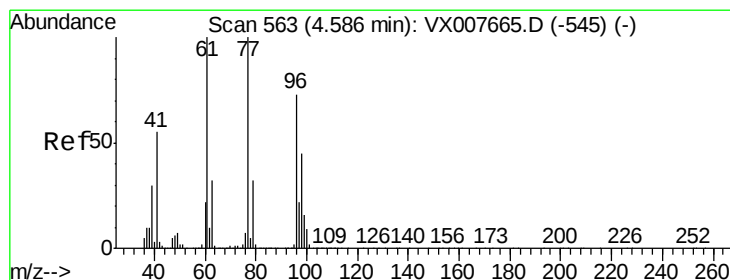
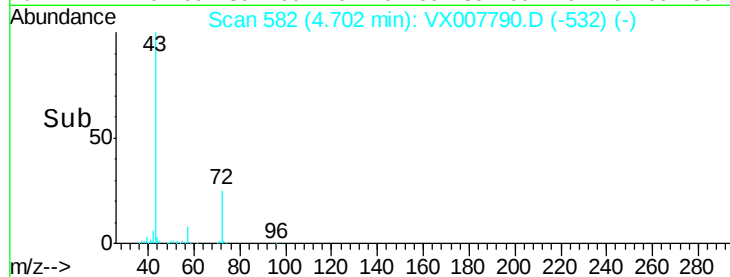
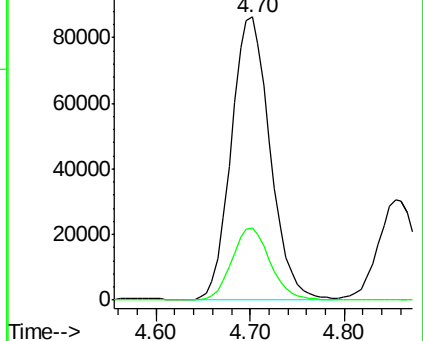
43 100

72 25.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.322 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007790.D

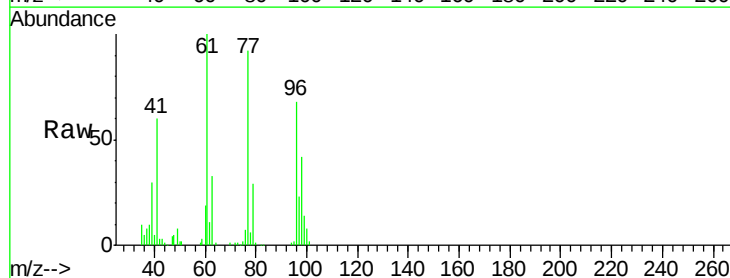
Acq: 01 Mar 2019 15:27

Tgt Ion: 77 Resp: 72059

Ion Ratio Lower Upper

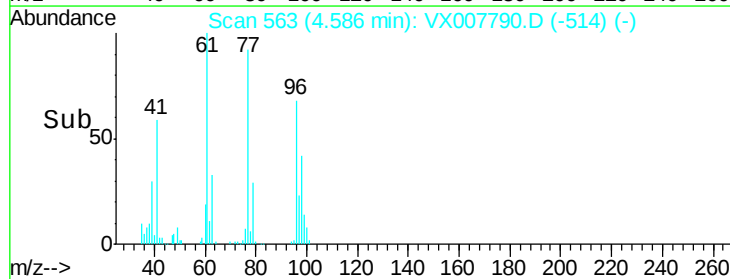
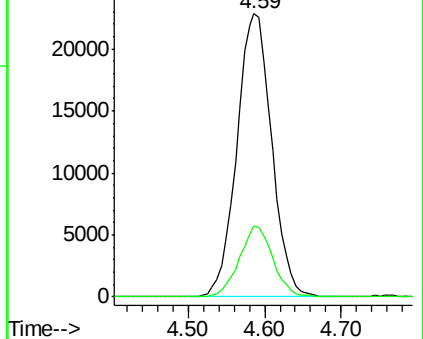
77 100

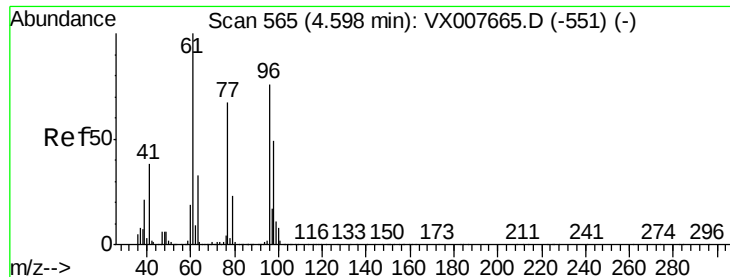
97 24.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



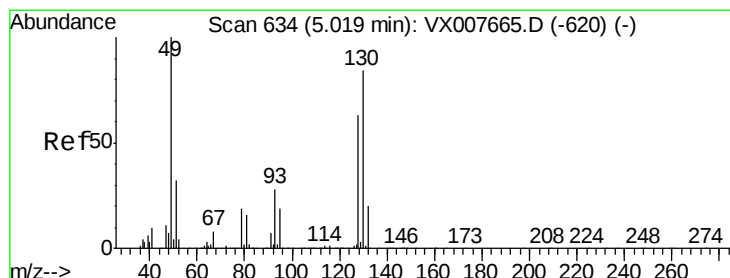
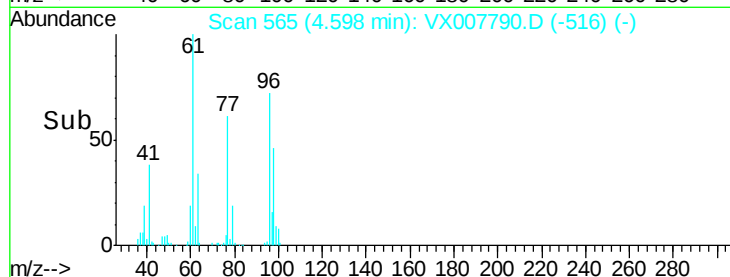
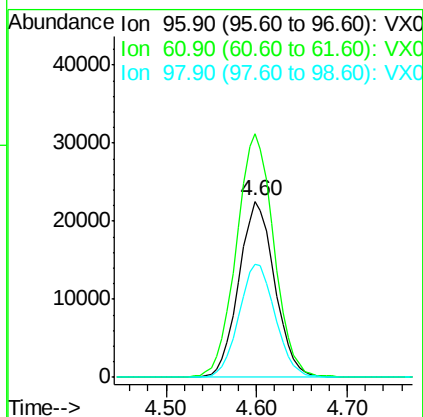
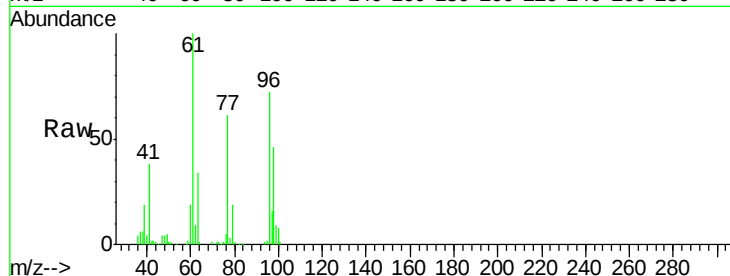


#27

cis-1,2-Dichloroethene
 Concen: 16.952 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

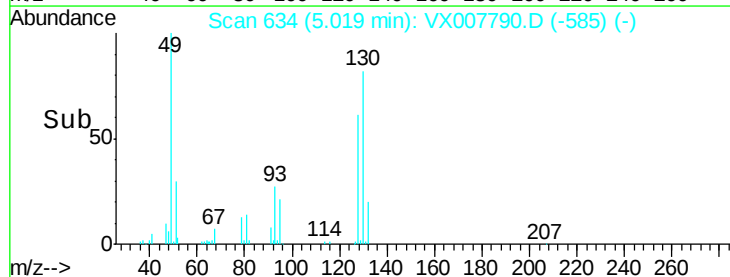
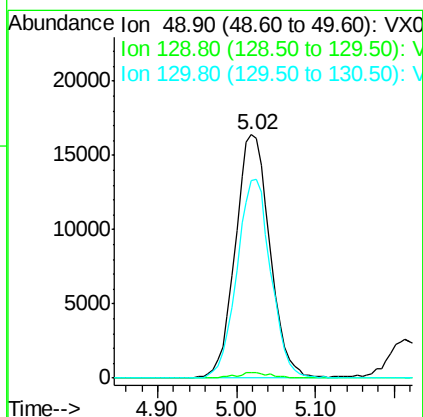
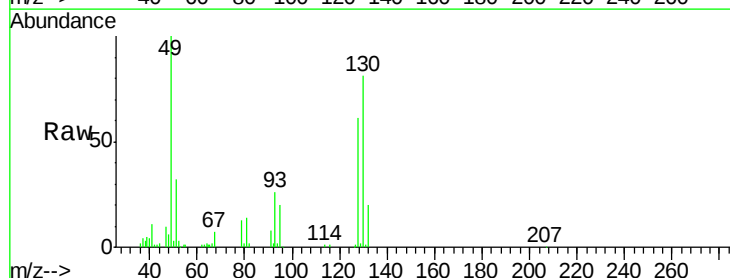
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	265.6
98	65.0	0.0	131.6

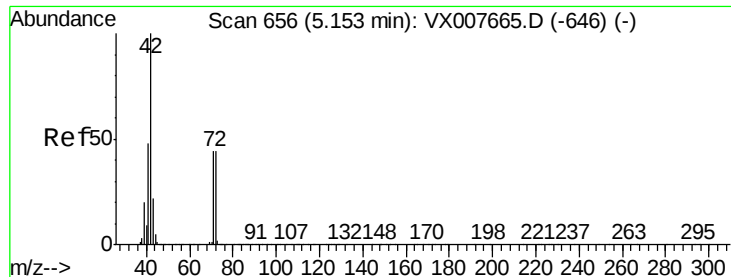


#28

Bromochloromethane
 Concen: 18.580 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	79.9	75.6	113.4





#29

Tetrahydrofuran

Concen: 96.748 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0301WBSD01

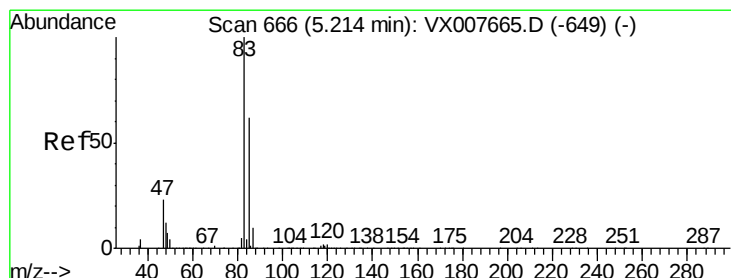
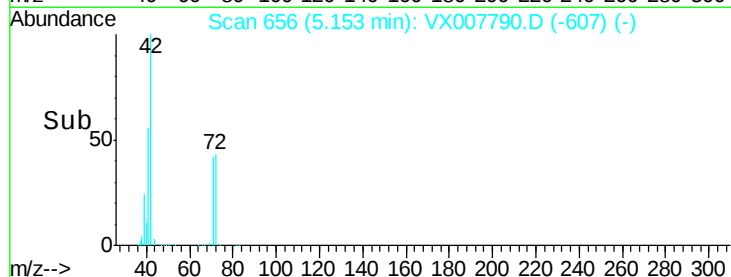
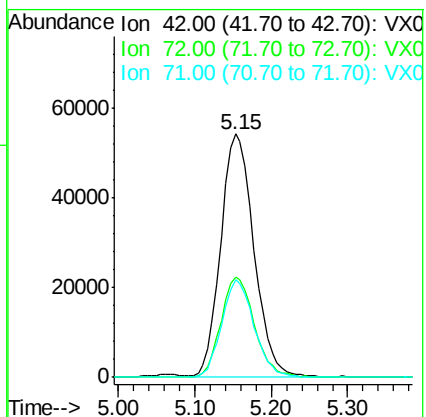
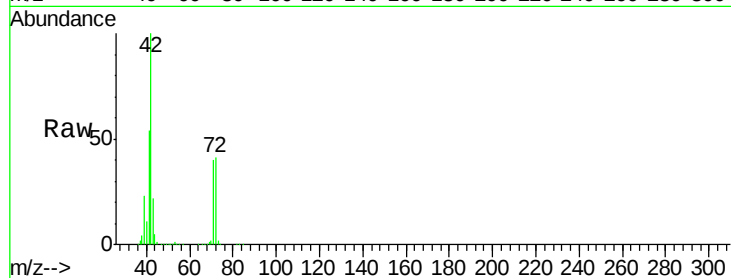
Tot Ion: 42 Resp: 161736

Ion Ratio Lower Upper

42 100

72 41.9 37.6 56.4

71 39.4 34.6 51.8



#30

Chloroform

Concen: 17.179 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007790.D

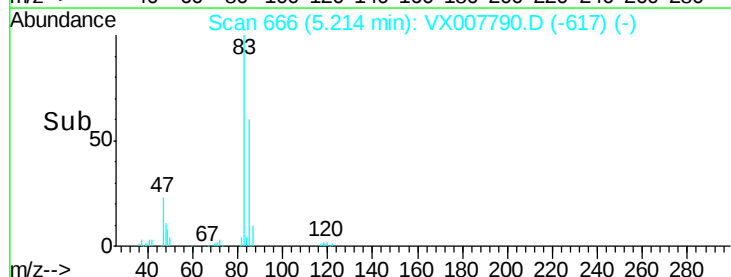
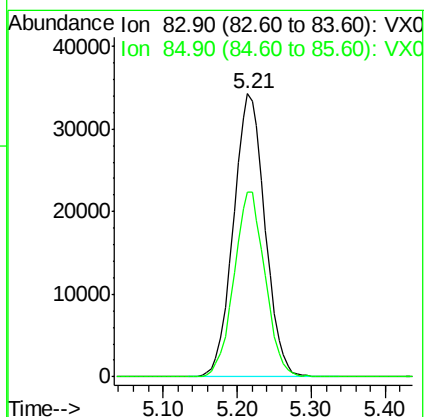
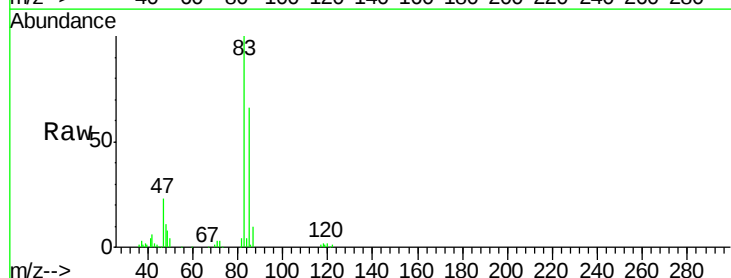
Acq: 01 Mar 2019 15:27

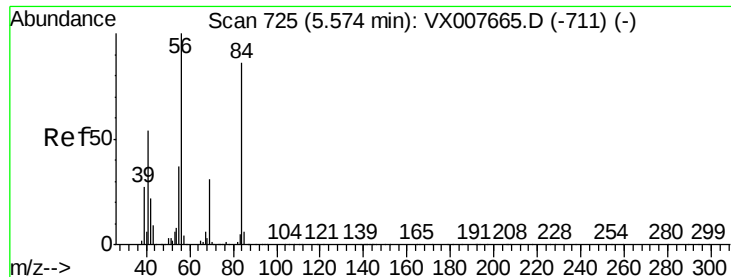
Tgt Ion: 83 Resp: 101772

Ion Ratio Lower Upper

83 100

85 65.5 51.6 77.4





#31

Cyclohexane

Concen: 17.572 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

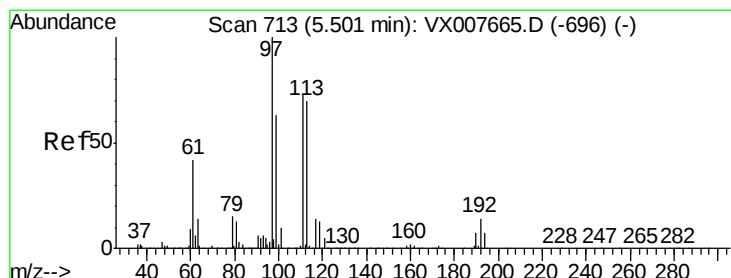
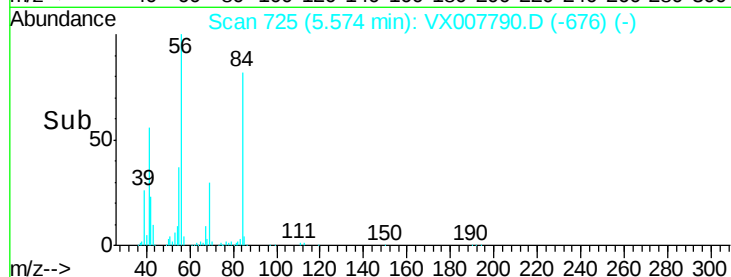
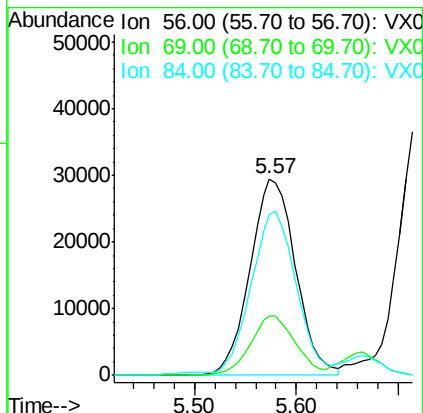
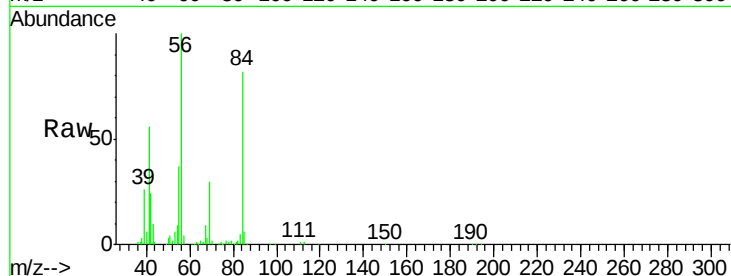
Tot Ion: 56 Resp: 91414

Ion Ratio Lower Upper

56 100

69 30.4 23.0 34.6

84 80.3 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 17.194 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

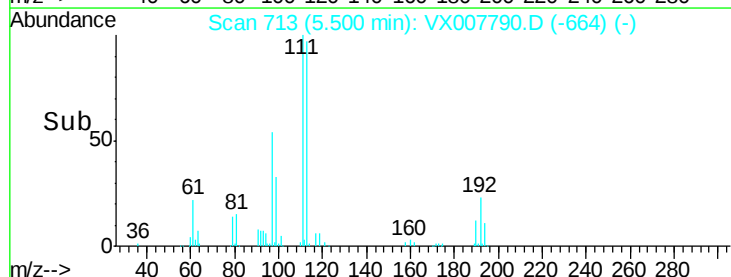
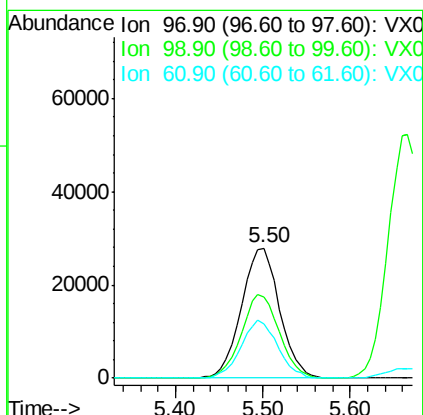
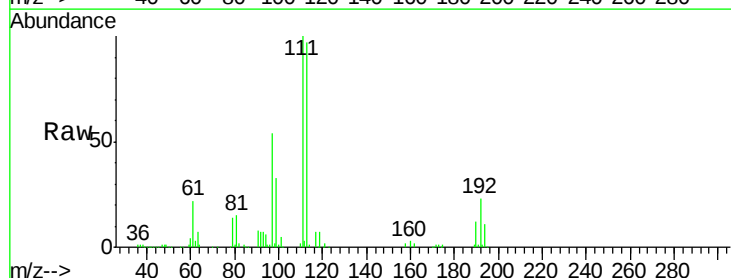
Tgt Ion: 97 Resp: 84243

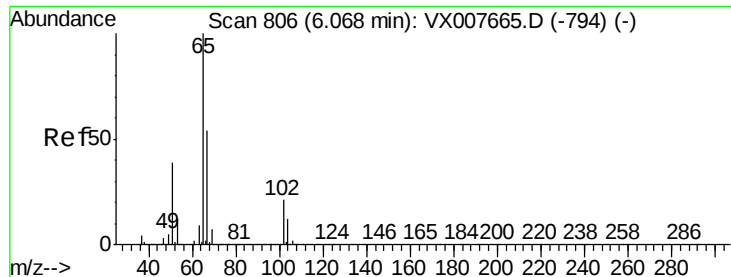
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 43.4 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 46.348 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

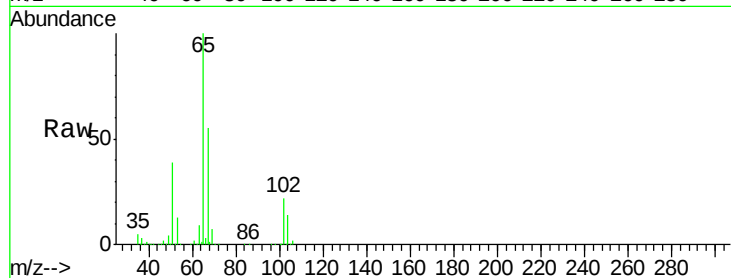
VX0301WBSD01

Tot Ion: 65 Resp: 173523

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

40000

20000

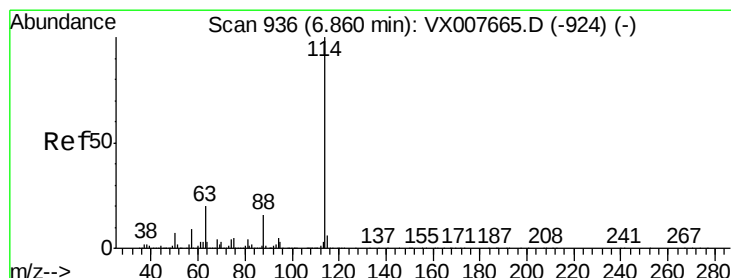
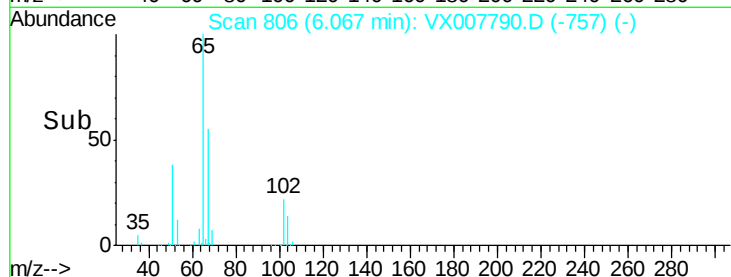
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

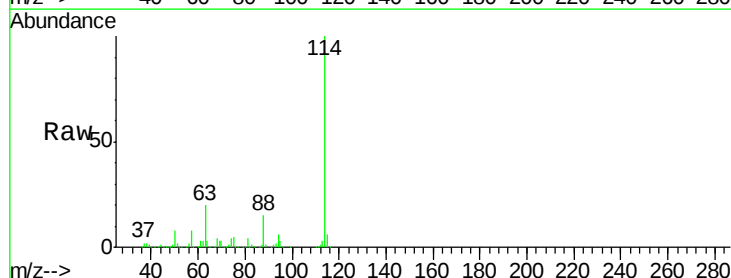
Tgt Ion: 114 Resp: 437686

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 15.4 0.0 29.6



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

250000

200000

150000

100000

50000

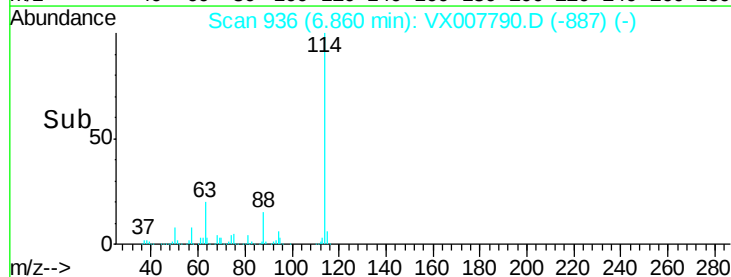
0

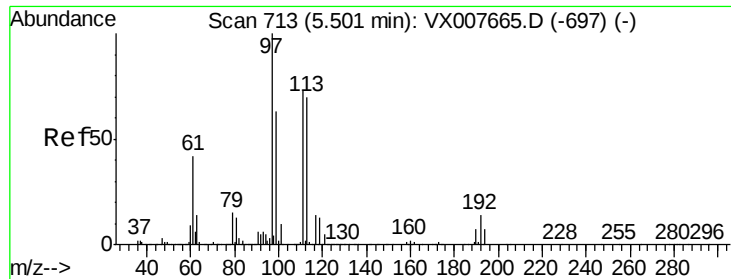
Time-->

6.80

6.90

7.00

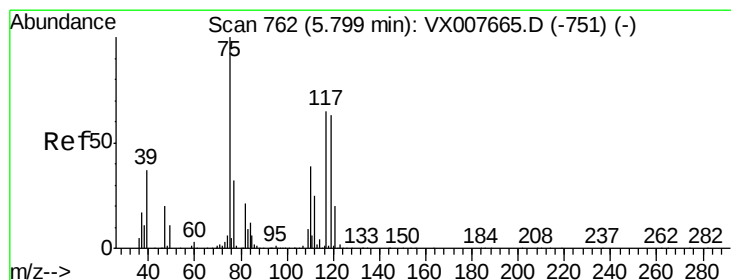
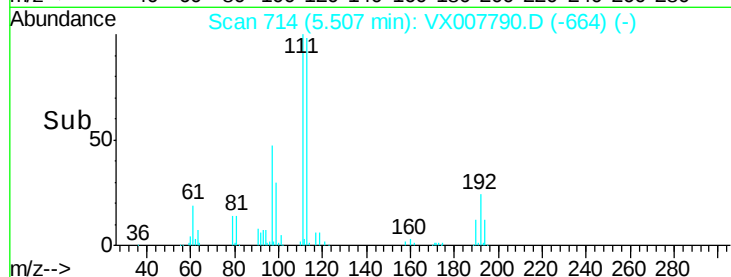
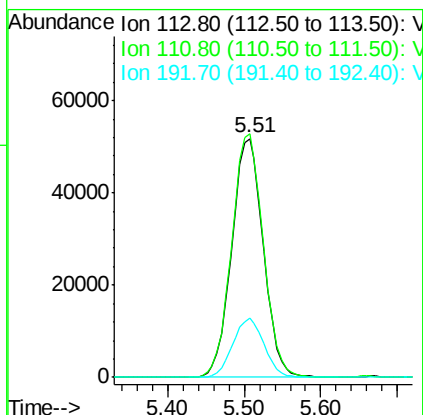
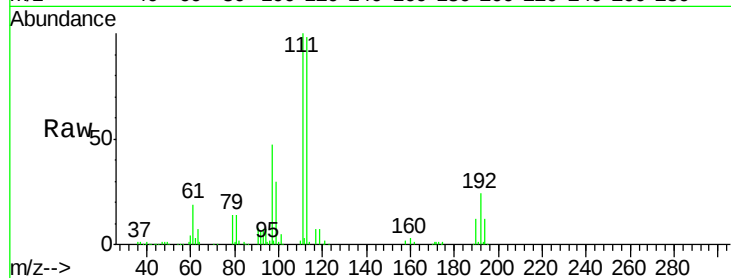




#35
 Dibromofluoromethane
 Concen: 50.425 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

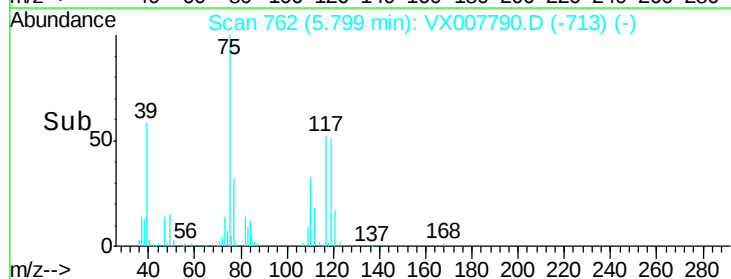
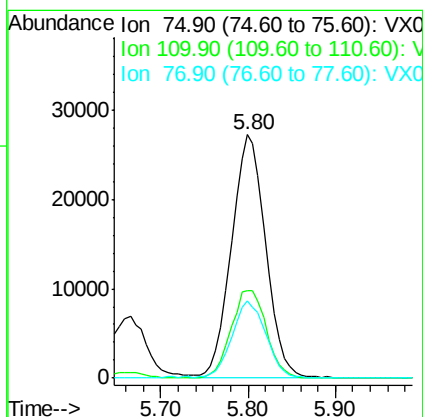
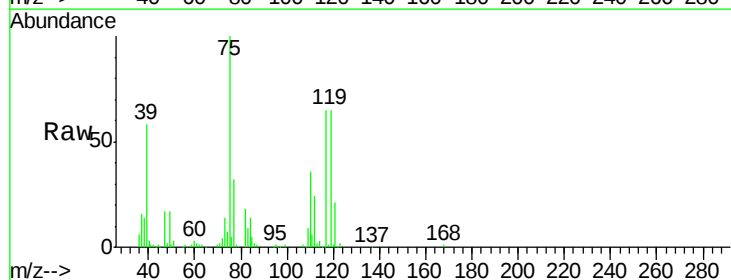
Instrument :
 MSVOA_X
 ClientSampled :
 VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	24.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 18.666 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	20.0	59.9
77	31.7	24.7	37.1

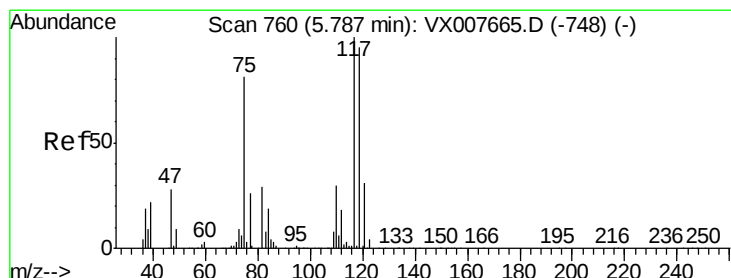
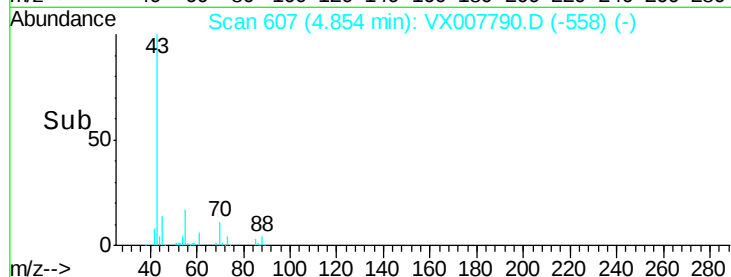
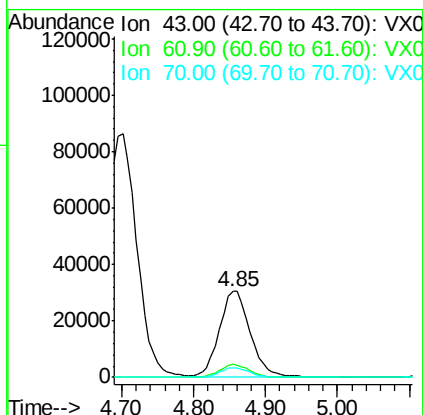
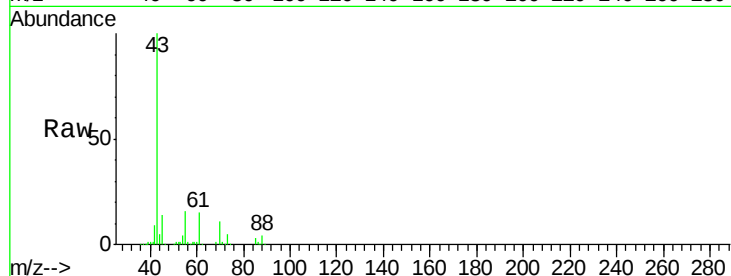




#37
Ethyl Acetate
Concen: 20.729 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

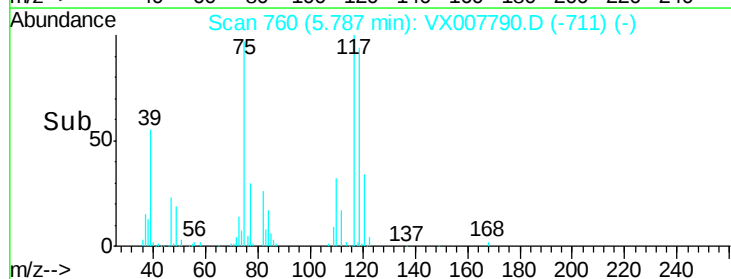
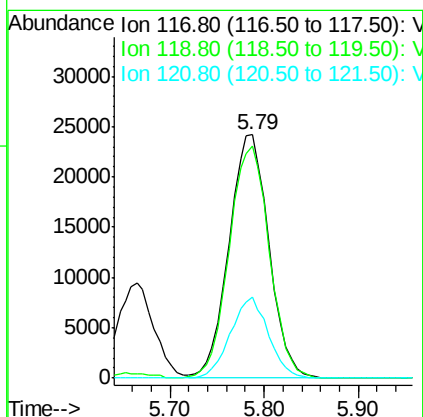
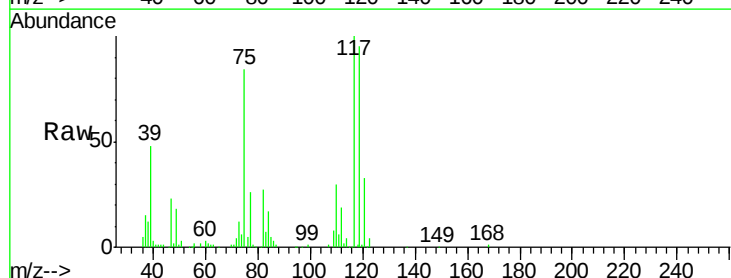
Instrument :
MSVOA_X
ClientSampleID :
VX0301WBSD01

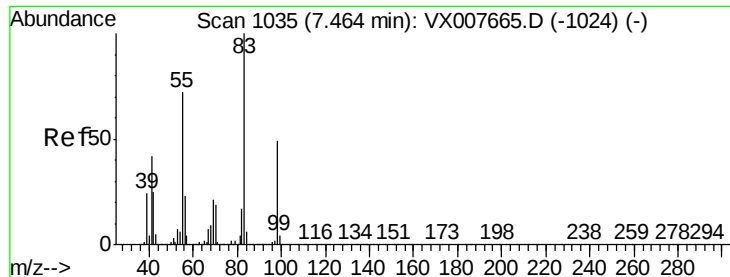
Tot Ion: 43 Resp: 90608
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.065 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 117 Resp: 71406
Ion Ratio Lower Upper
117 100
119 95.3 75.3 112.9
121 33.2 25.0 37.4

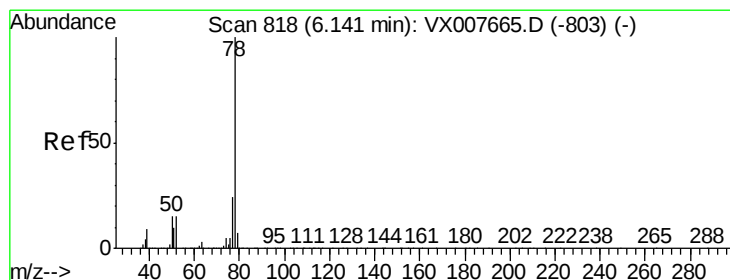
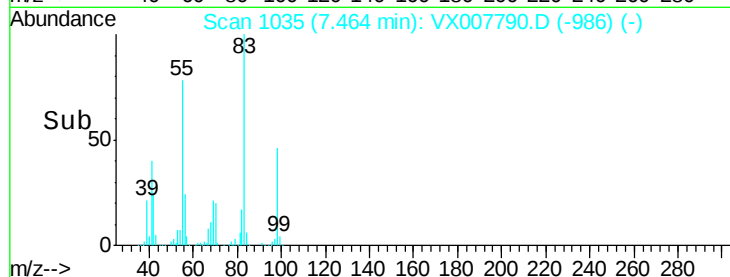
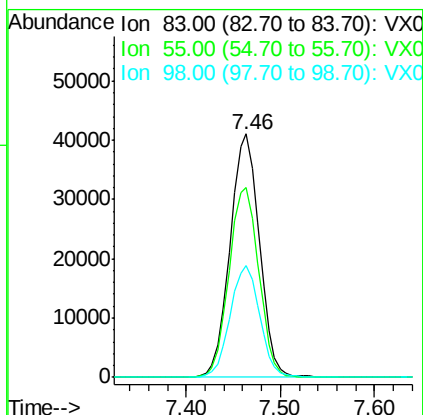
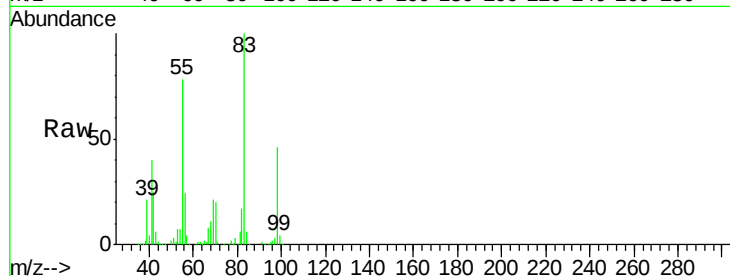




#39
Methvlcvclohexane
Concen: 17.903 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

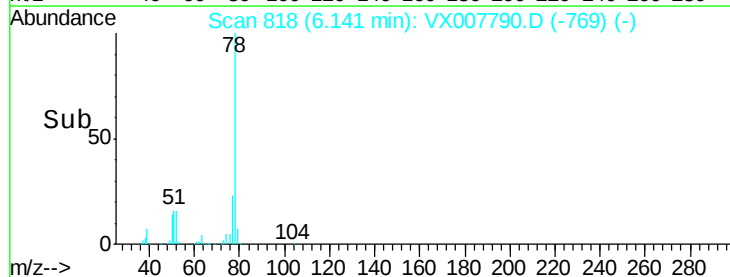
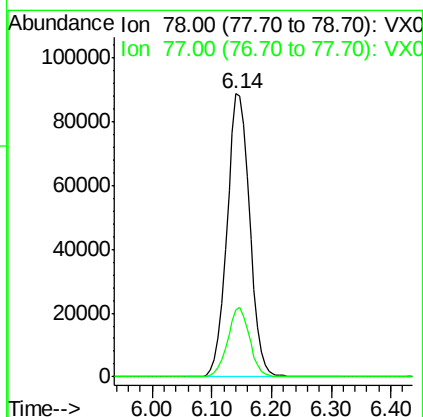
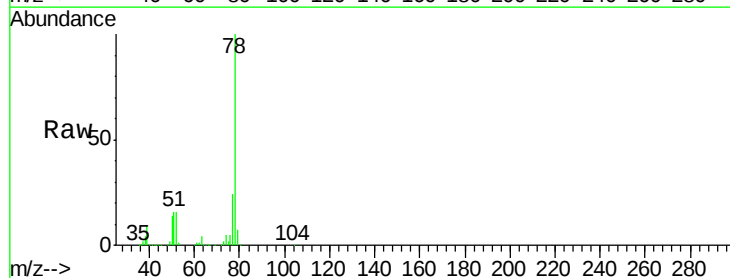
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

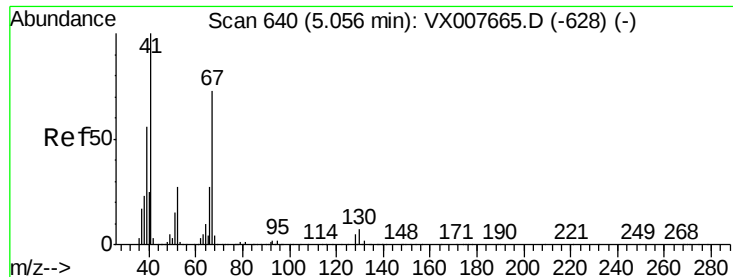
Tot Ion	83	Resp	89034
Ion Ratio	Lower	Upper	
83	100		
55	78.0	56.2	84.2
98	45.9	36.8	55.2



#40
Benzene
Concen: 19.338 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	78	Resp	234892
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 22.443 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 41 Resp: 52384

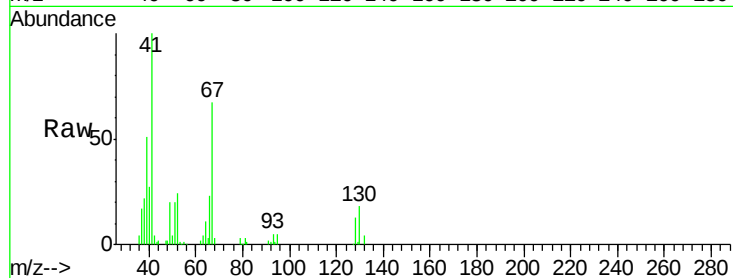
Ion Ratio Lower Upper

41 100

39 52.8 44.5 66.7

67 67.3 60.4 90.6

52 27.4 24.1 36.1

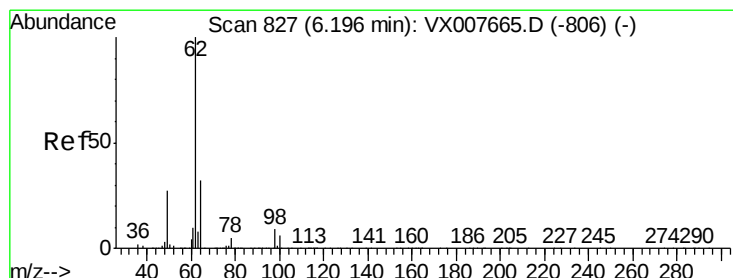
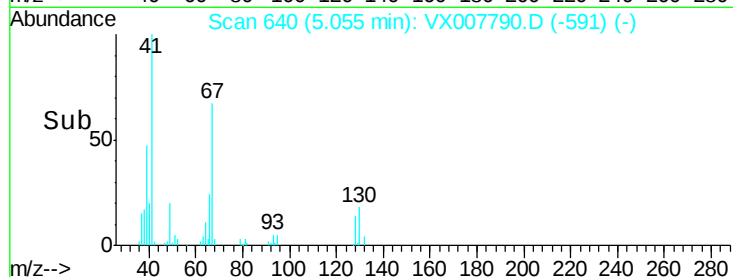
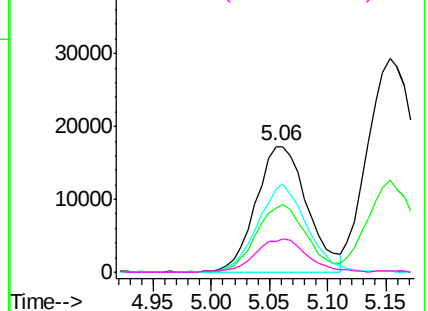


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.367 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007790.D

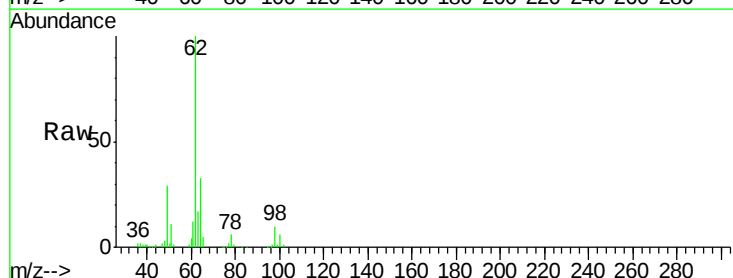
Acq: 01 Mar 2019 15:27

Tgt Ion: 62 Resp: 79068

Ion Ratio Lower Upper

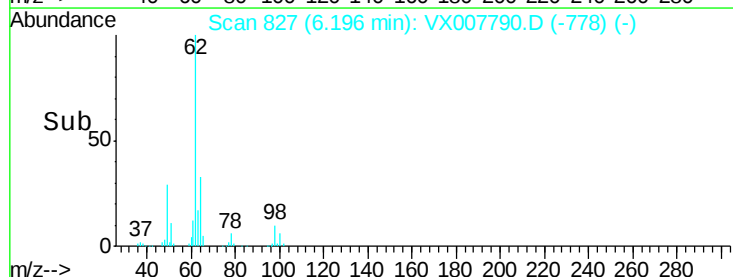
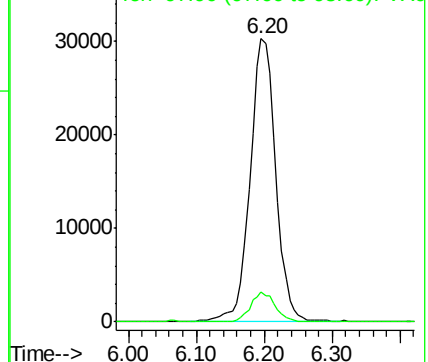
62 100

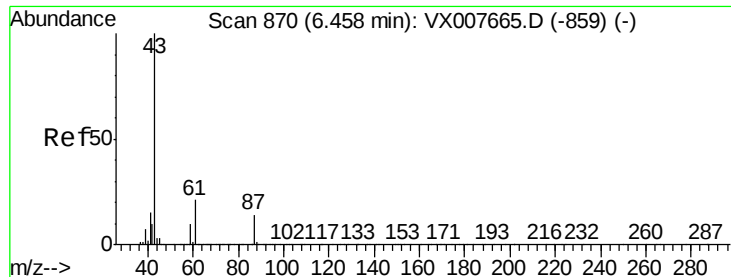
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.584 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

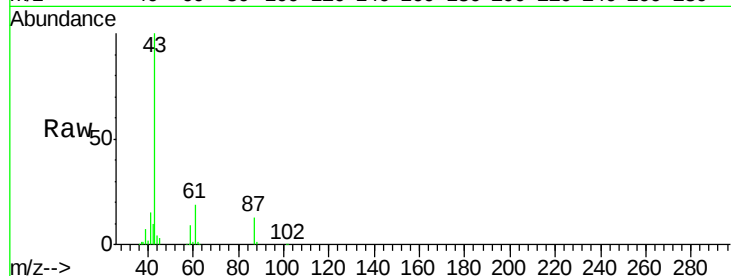
Tot Ion: 43 Resp: 138479

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

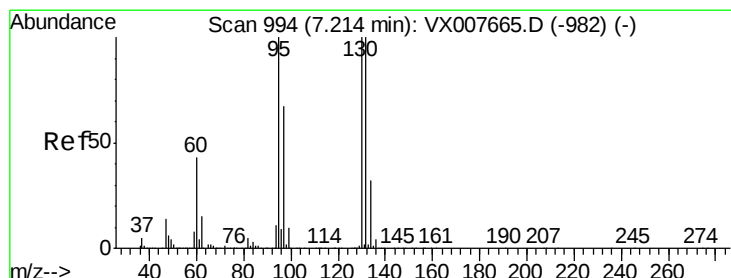
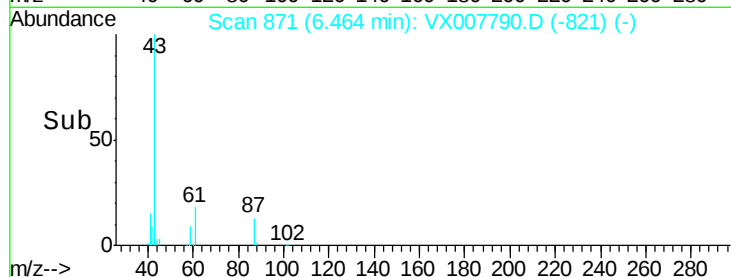
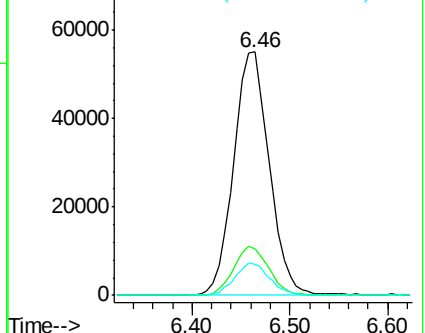
87 12.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.818 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007790.D

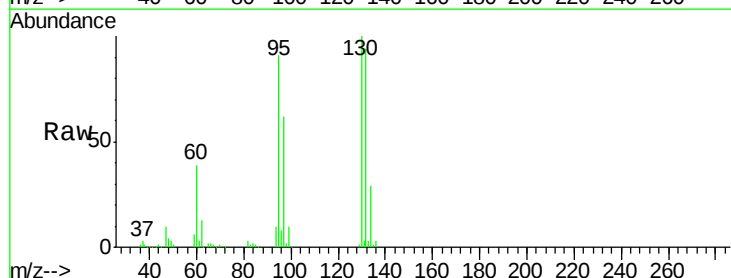
Acq: 01 Mar 2019 15:27

Tgt Ion:130 Resp: 62880

Ion Ratio Lower Upper

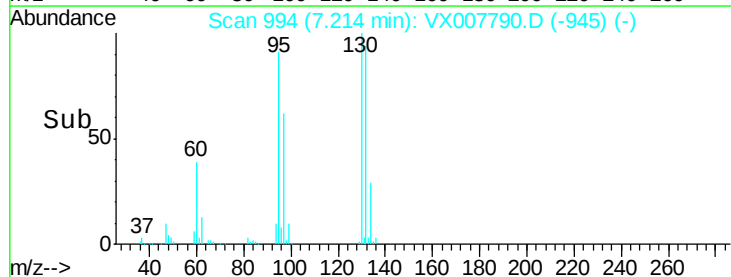
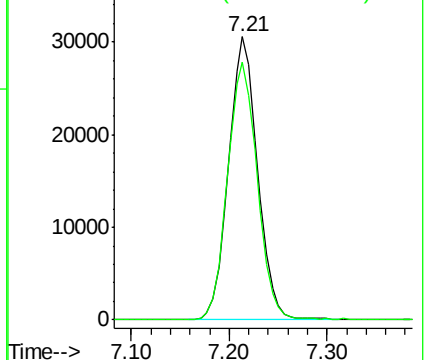
130 100

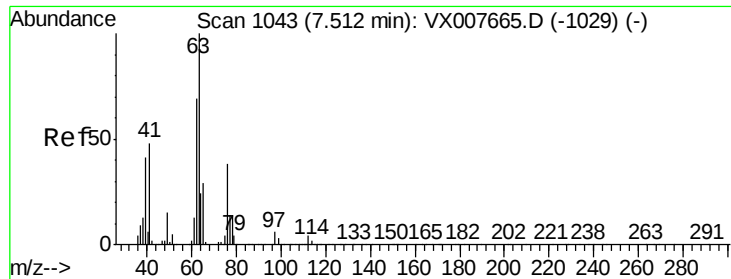
95 91.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.926 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

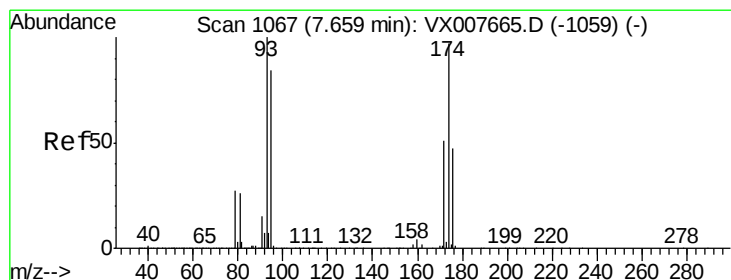
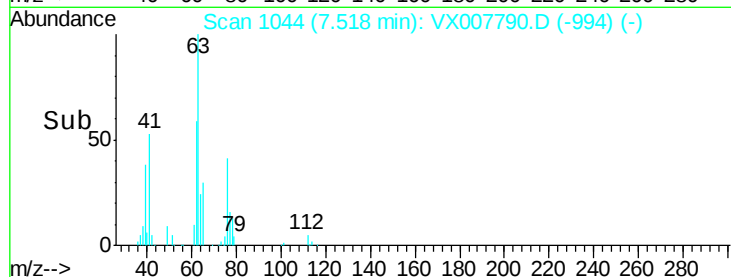
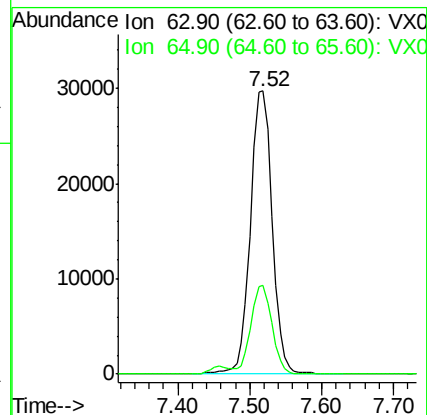
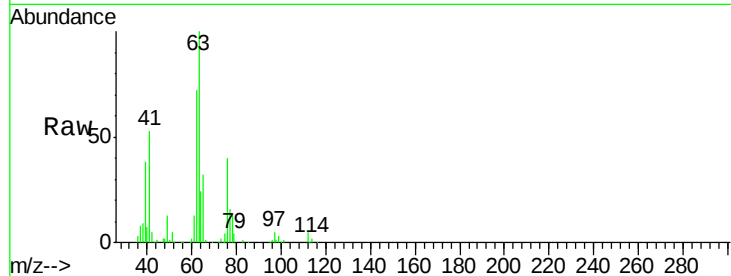
VX0301WBSD01

Tot Ion: 63 Resp: 62697

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.2



#46

Dibromomethane

Concen: 17.791 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

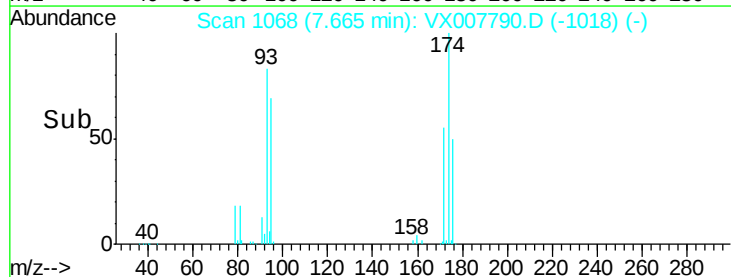
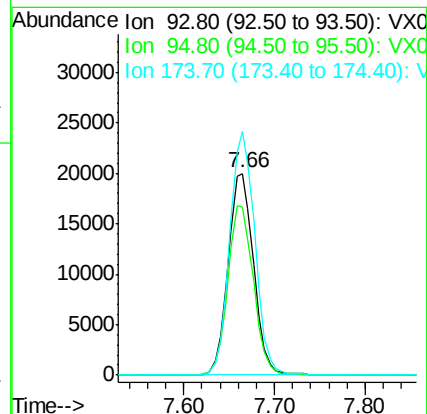
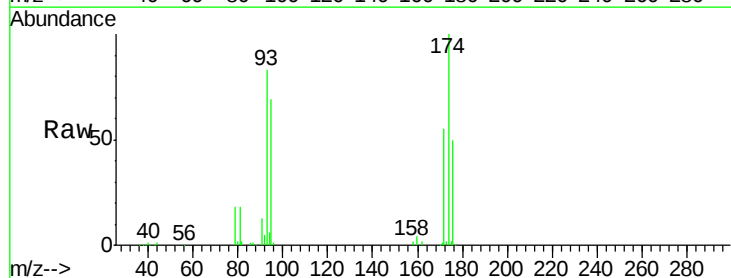
Tgt Ion: 93 Resp: 39053

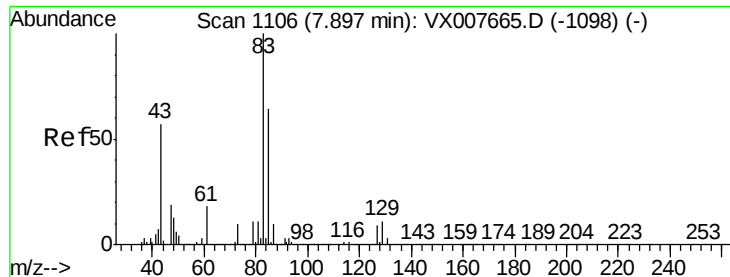
Ion Ratio Lower Upper

93 100

95 84.6 67.6 101.4

174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

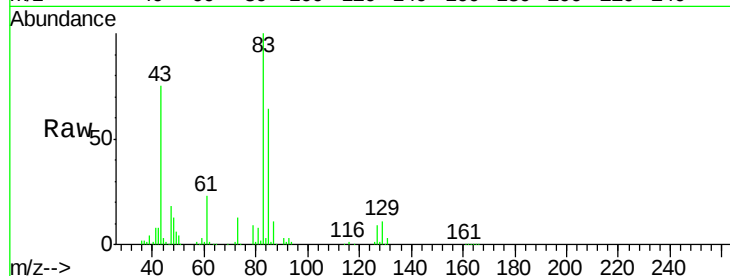
Tot Ion: 83 Resp: 70258

Ion Ratio Lower Upper

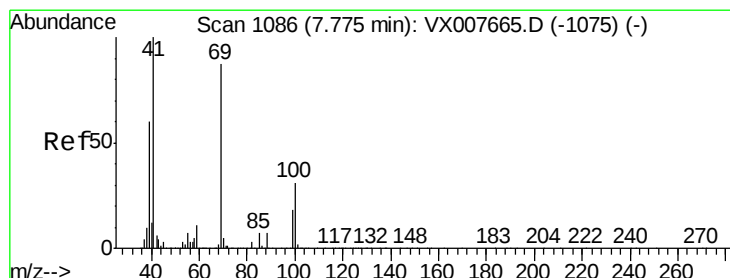
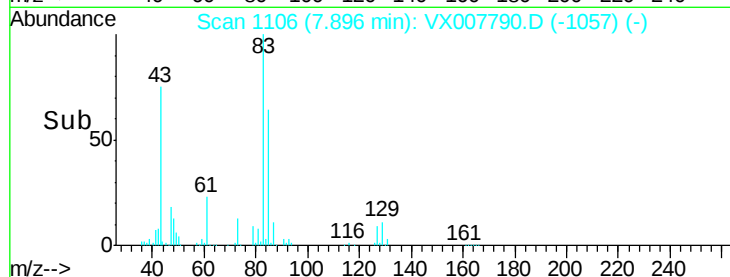
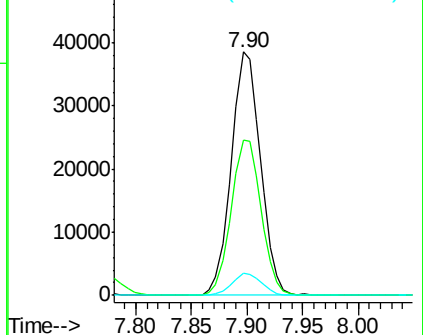
83 100

85 63.9 51.4 77.0

127 9.0 8.1 12.1



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: 20.731 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

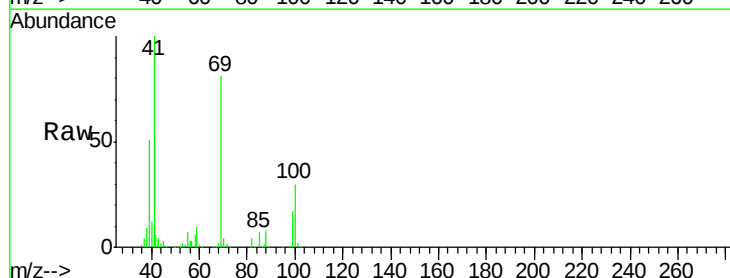
Tgt Ion: 41 Resp: 73104

Ion Ratio Lower Upper

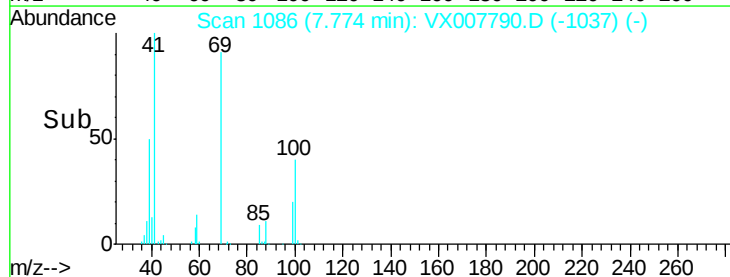
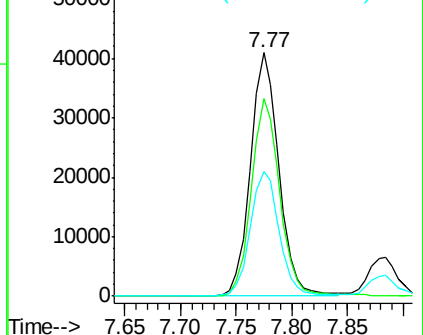
41 100

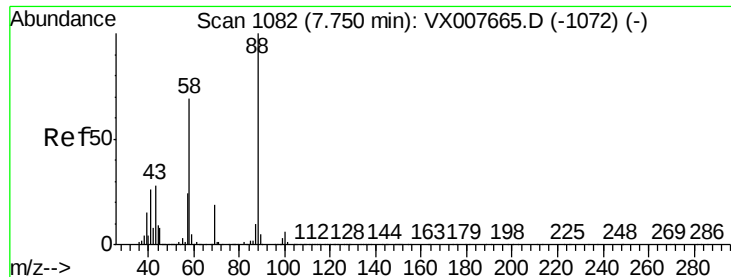
69 81.2 70.2 105.4

39 51.5 47.4 71.0



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: 384.922 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

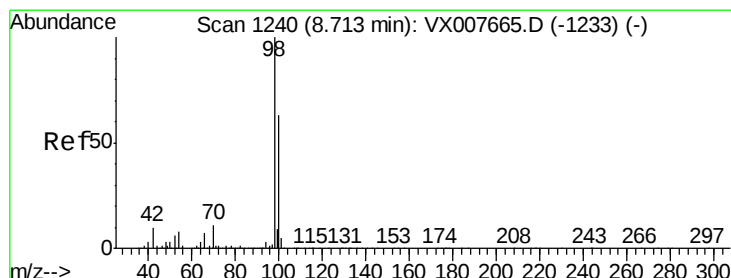
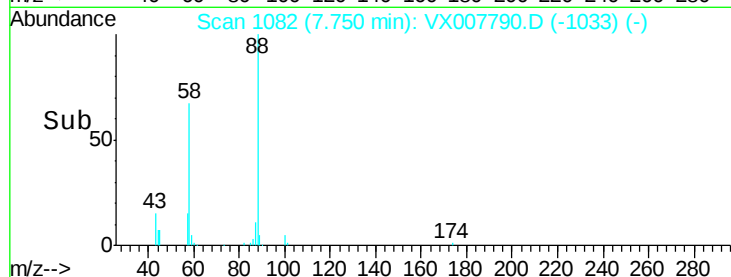
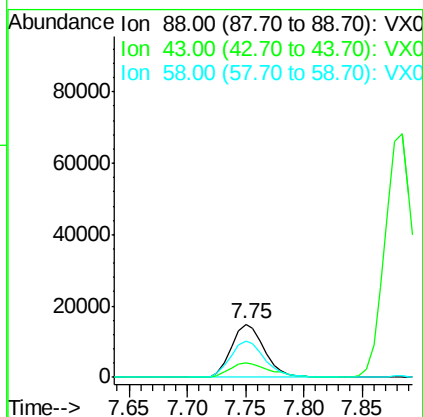
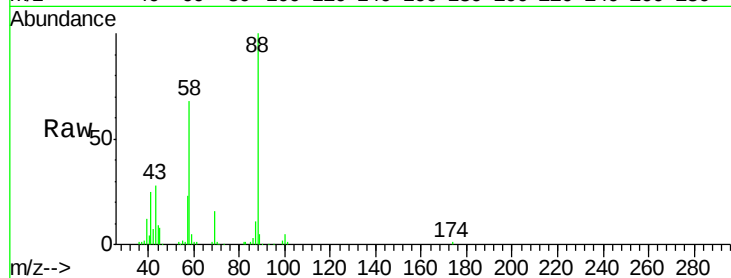
Tot Ion: 88 Resp: 29317

Ion Ratio Lower Upper

88 100

43 34.5 24.2 36.4

58 72.3 53.0 79.4



#50

Toluene-d8

Concen: 49.488 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007790.D

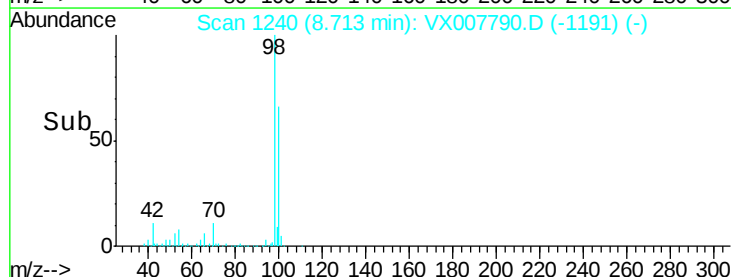
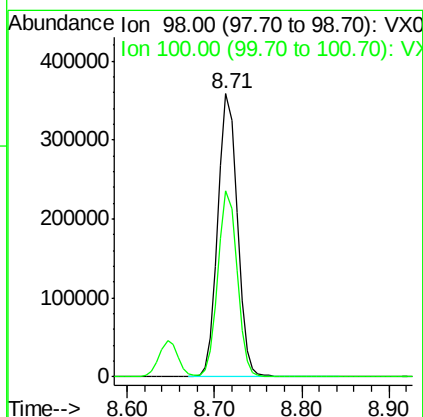
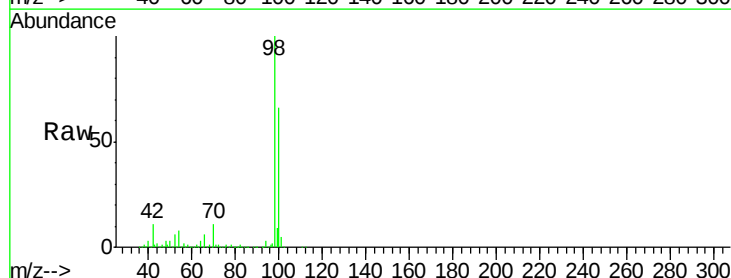
Acq: 01 Mar 2019 15:27

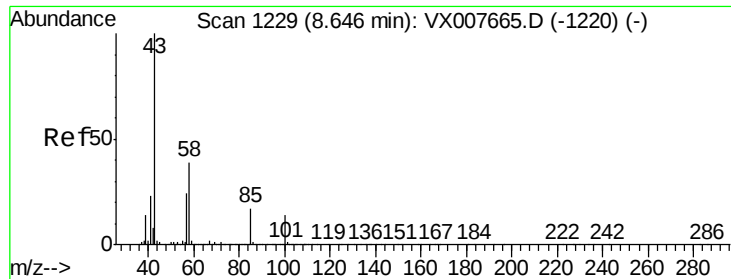
Tgt Ion: 98 Resp: 554313

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 103.606 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

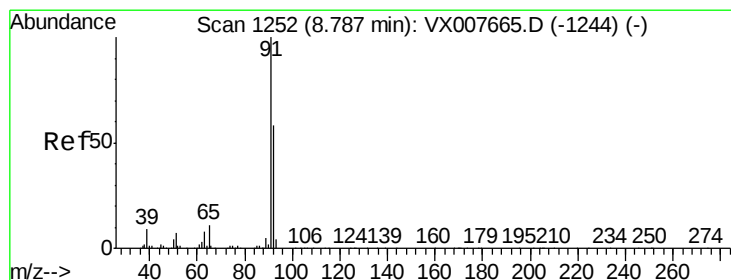
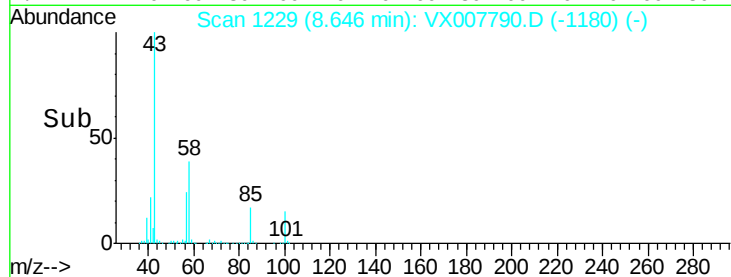
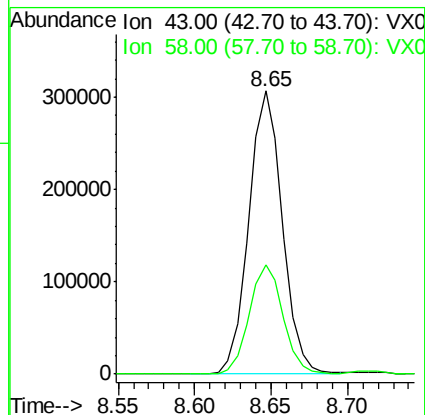
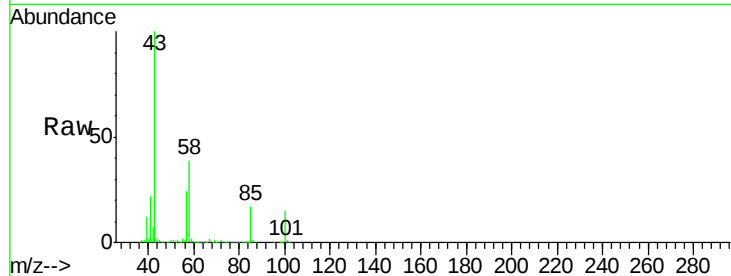
VX0301WBSD01

Tot Ion: 43 Resp: 466551

Ion Ratio Lower Upper

43 100

58 38.7 31.2 46.8



#52

Toluene

Concen: 18.800 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007790.D

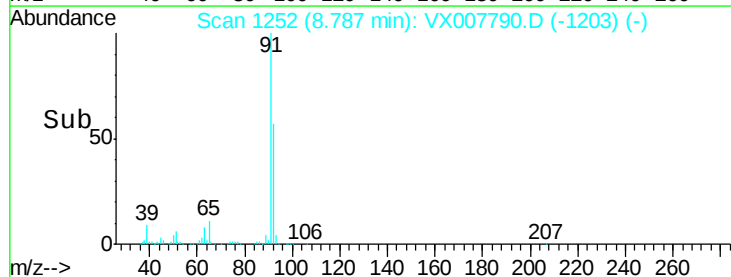
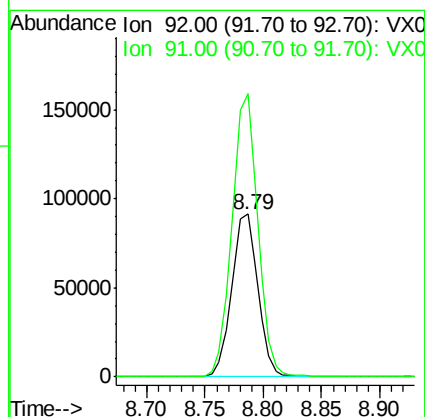
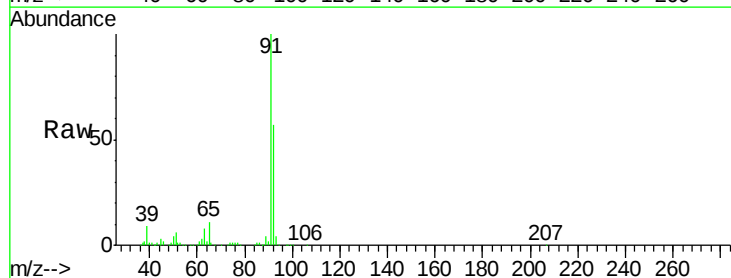
Acq: 01 Mar 2019 15:27

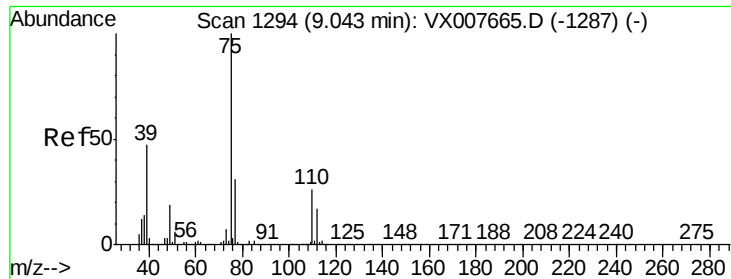
Tgt Ion: 92 Resp: 144000

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7

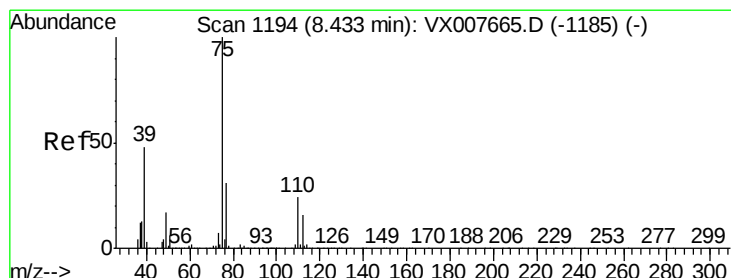
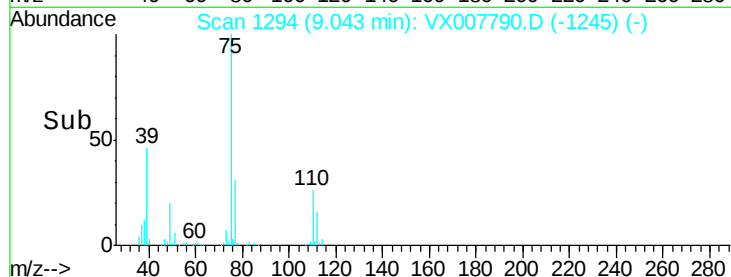
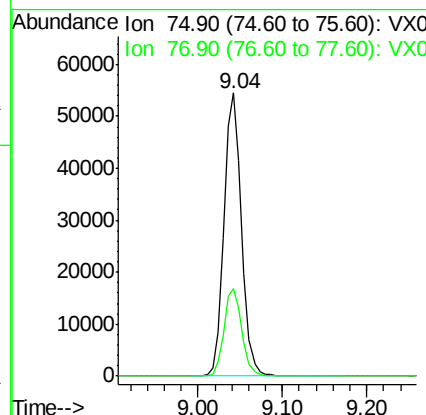
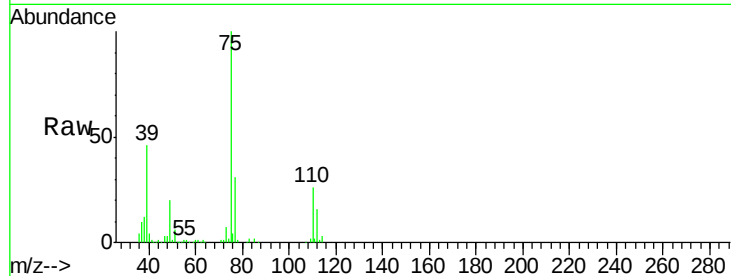




#53
t-1,3-Dichloropropene
Concen: 18.385 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

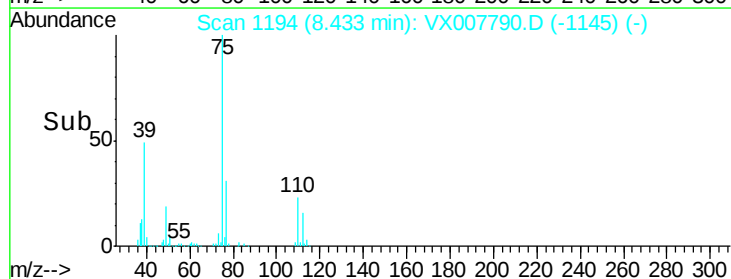
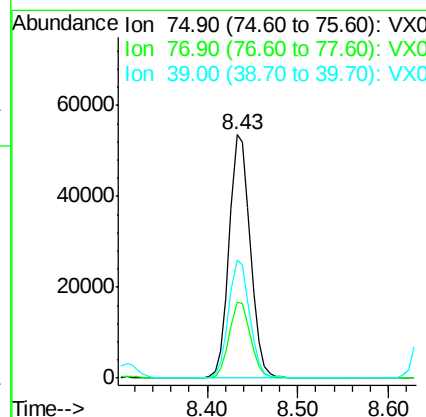
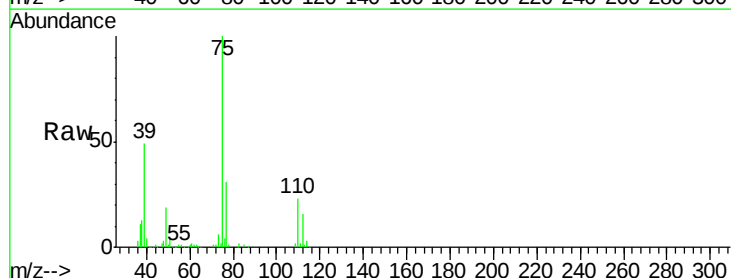
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion: 75 Resp: 78068
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.812 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 75 Resp: 86844
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 48.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.740 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 97 Resp: 59857

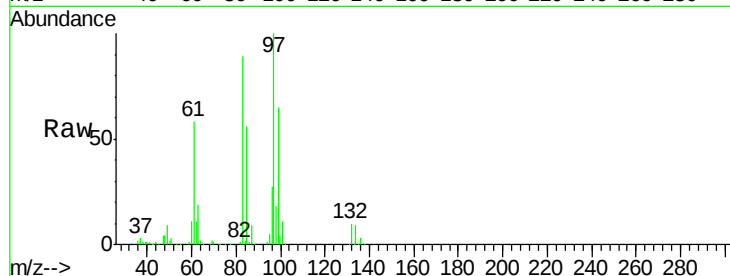
Ion Ratio Lower Upper

97 100

83 88.7 68.6 102.8

85 56.1 44.5 66.7

99 65.0 52.2 78.4

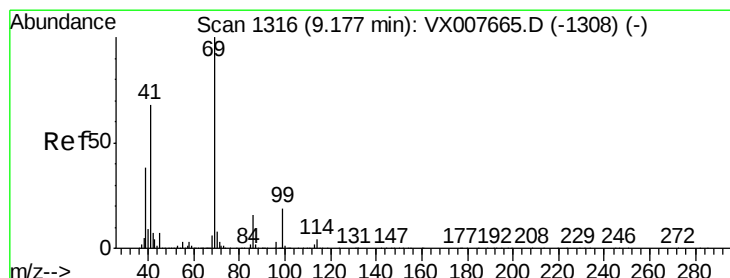
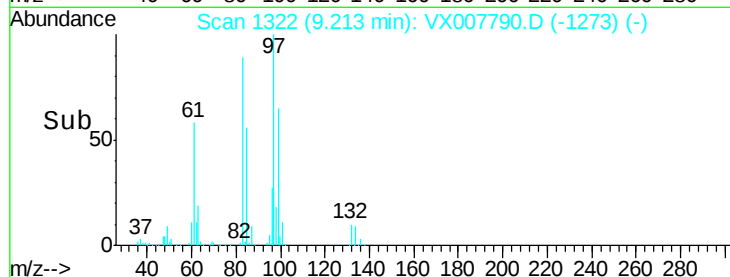
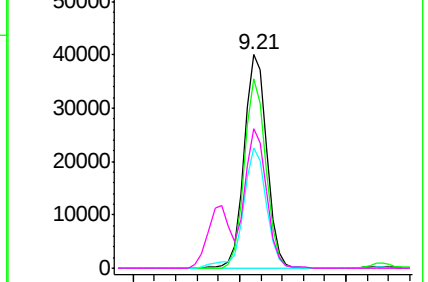


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.681 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

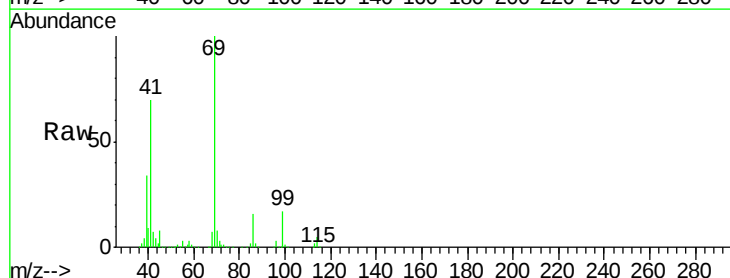
Tgt Ion: 69 Resp: 89396

Ion Ratio Lower Upper

69 100

41 68.4 52.1 78.1

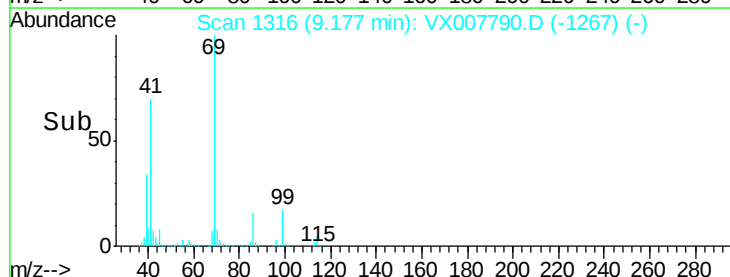
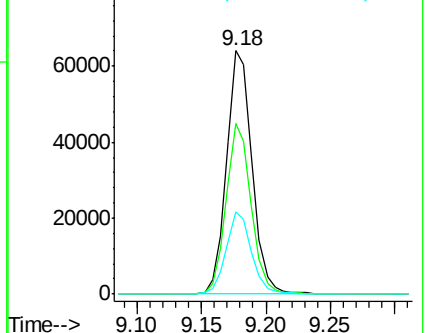
39 33.3 30.1 45.1



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

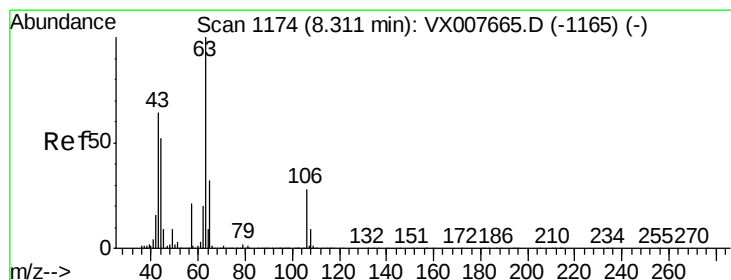
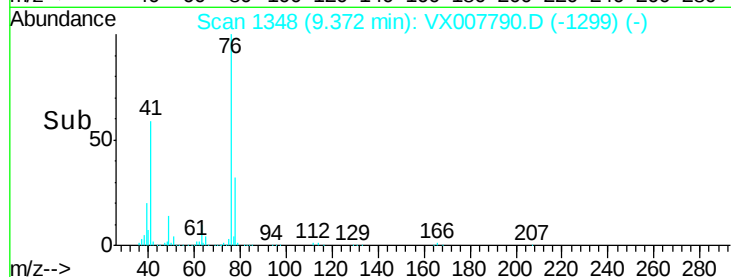
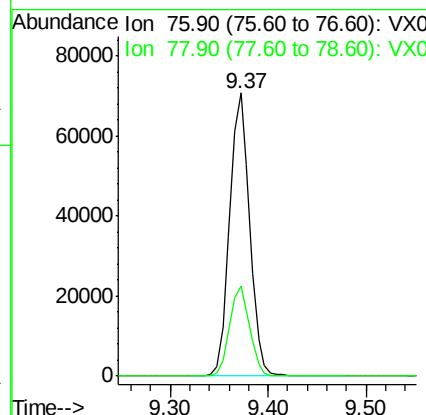
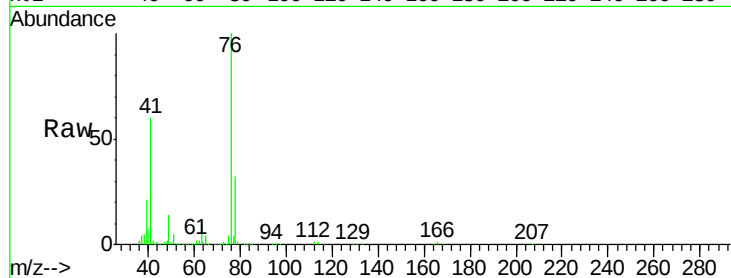




#57
 1,3-Dichloropropane
 Concen: 19.662 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

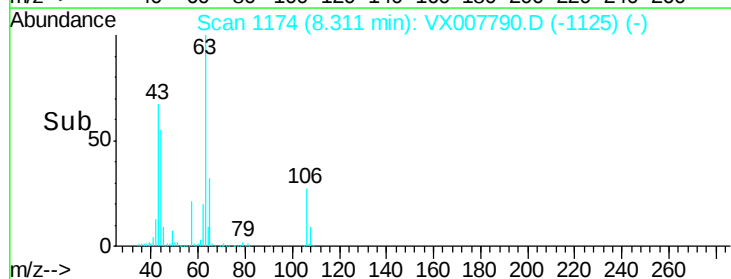
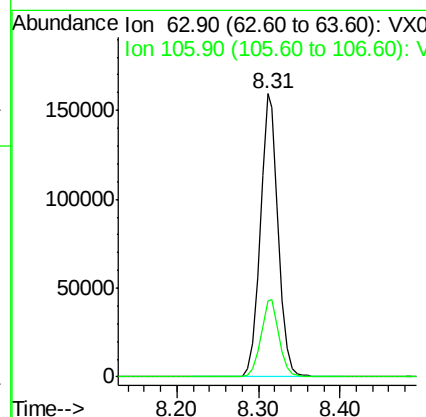
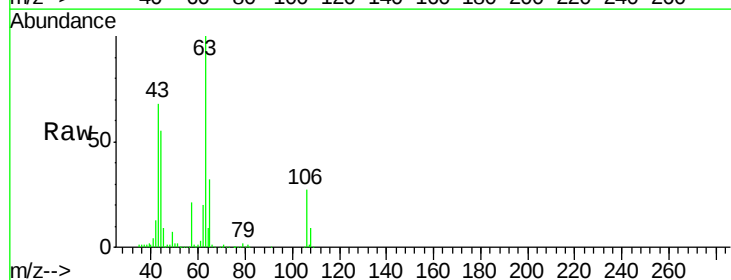
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion: 76 Resp: 100533
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.944 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion: 63 Resp: 245333
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.6 35.4

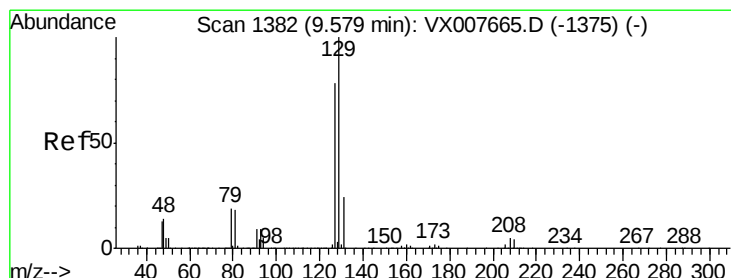
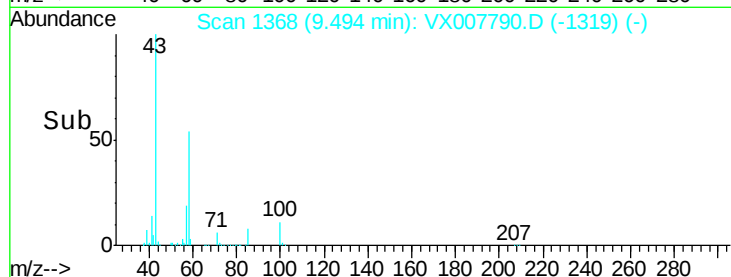
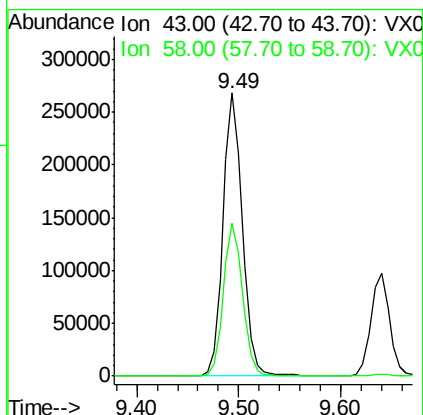
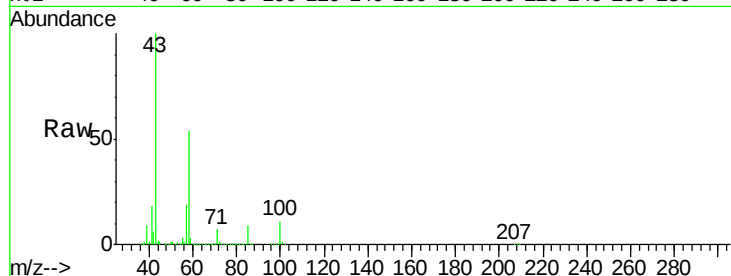




#59
2-Hexanone
Concen: 100.431 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

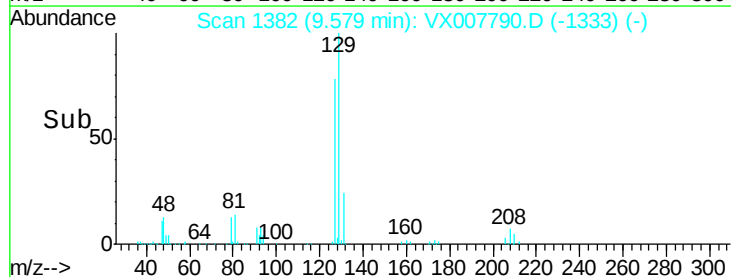
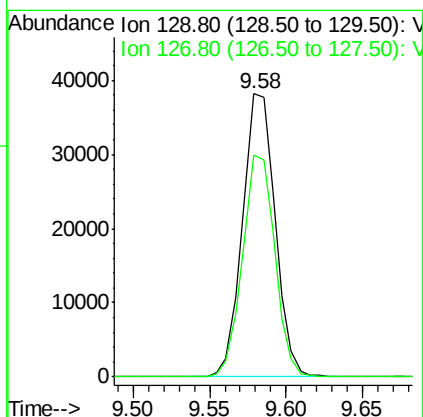
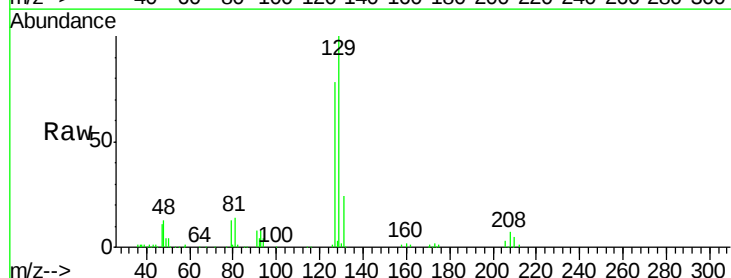
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

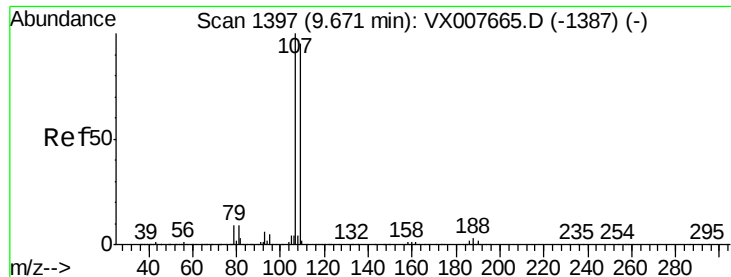
Tot Ion: 43 Resp: 355060
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3



#60
Dibromochloromethane
Concen: 18.472 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 129 Resp: 56775
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.685 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

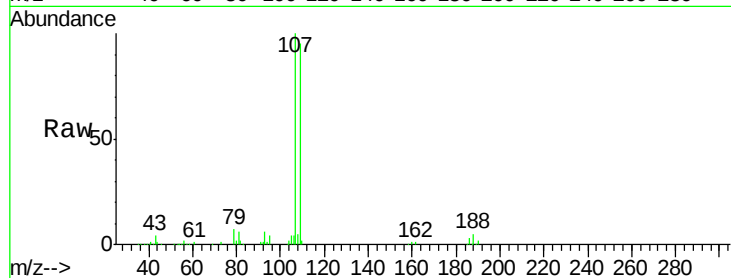
VX0301WBSD01

Tot Ion:107 Resp: 61967

Ion Ratio Lower Upper

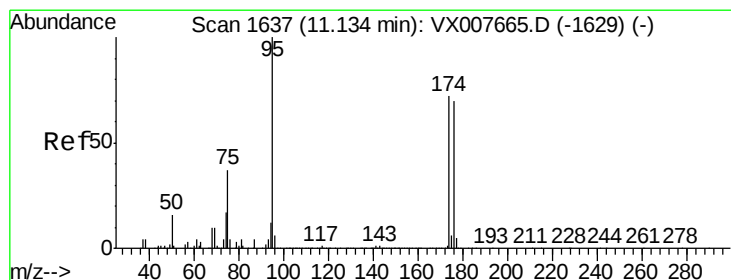
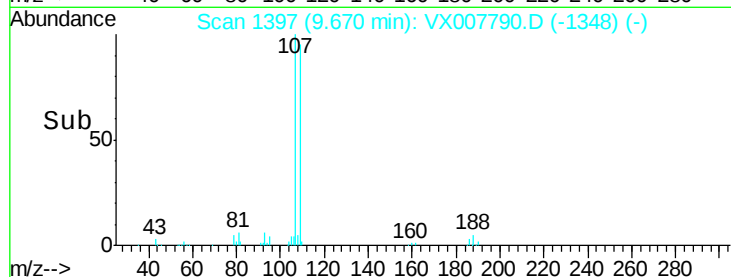
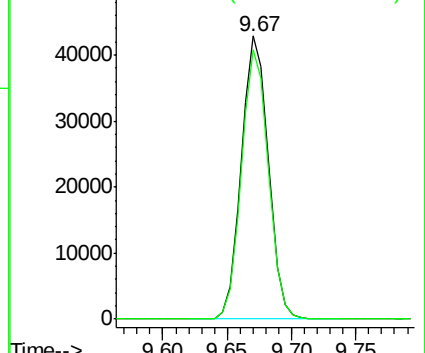
107 100

109 95.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

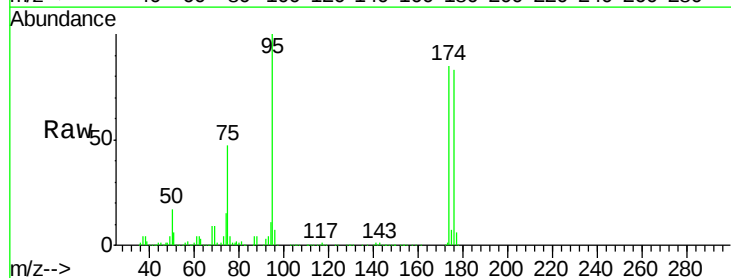
Tgt Ion: 95 Resp: 197888

Ion Ratio Lower Upper

95 100

174 91.9 0.0 189.2

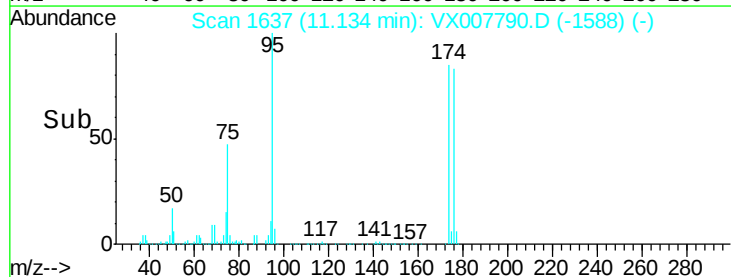
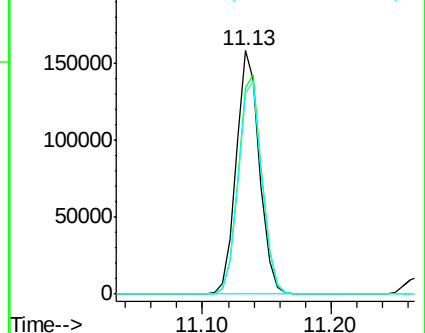
176 89.5 0.0 186.2

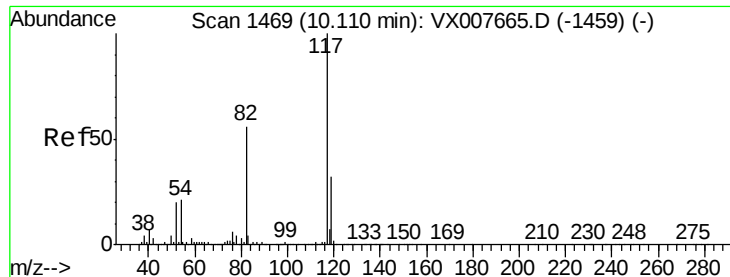


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

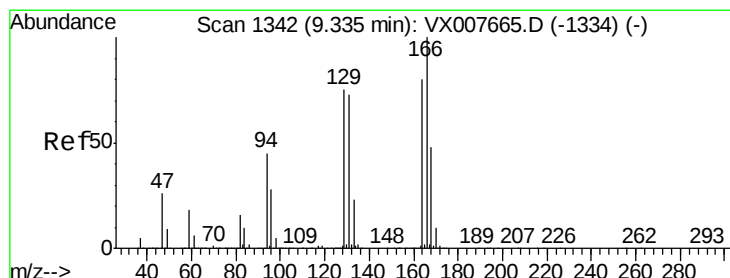
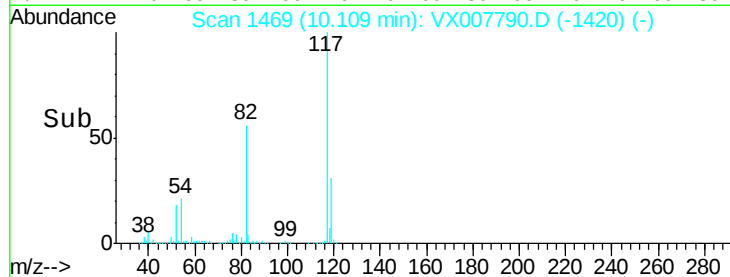
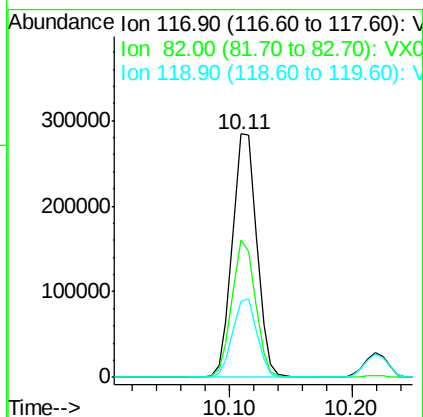
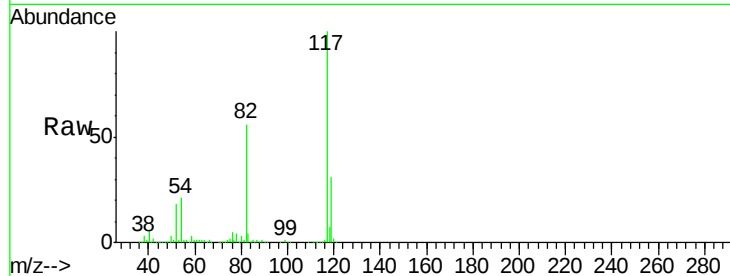




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

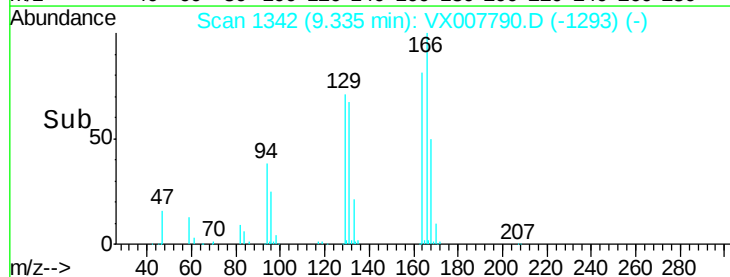
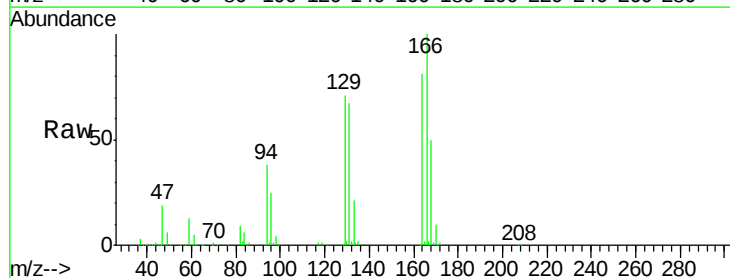
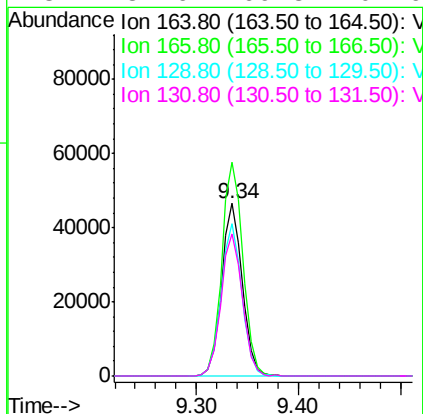
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.1	63.1
119	31.4	26.5	39.7



#64
Tetrachloroethene
Concen: 20.567 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.0	151.4
129	88.0	70.5	105.7
131	82.6	69.8	104.6

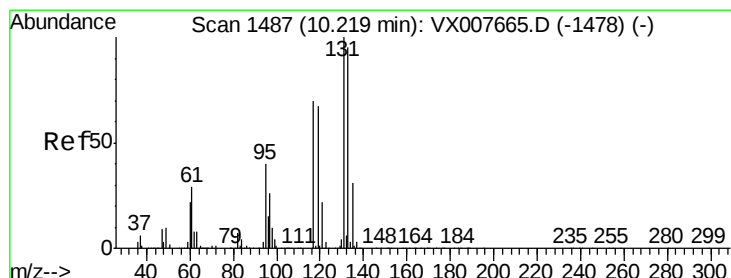
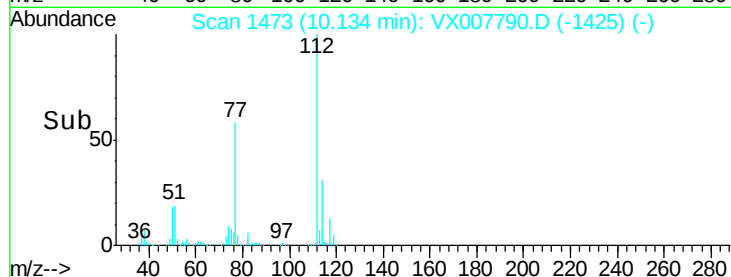
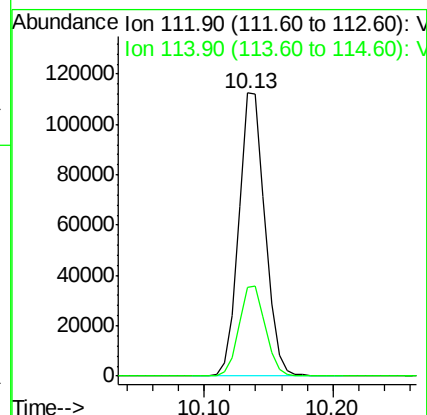
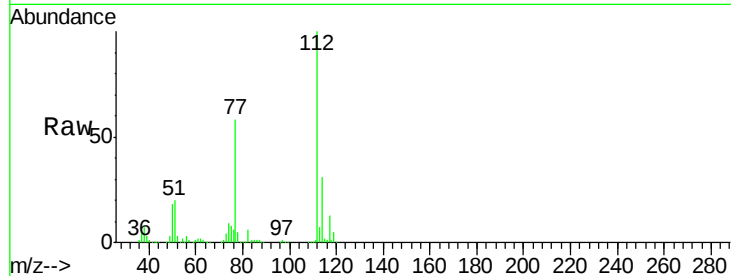




#65
Chlorobenzene
Concen: 18.786 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

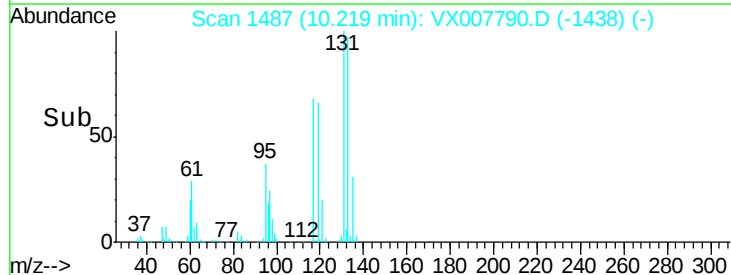
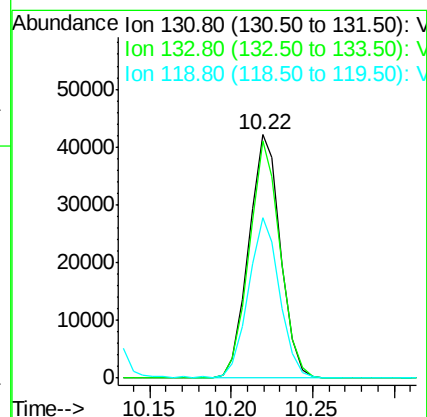
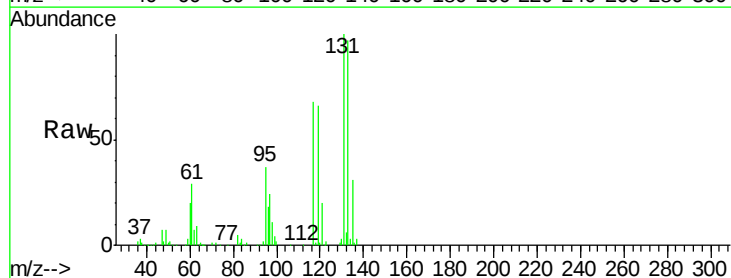
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion:112 Resp: 159172
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.228 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion:131 Resp: 56829
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 18.768 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

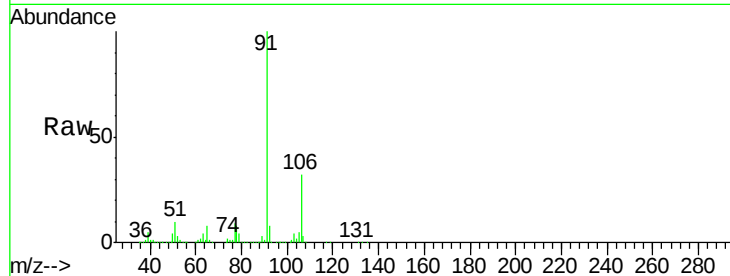
VX0301WBSD01

Tot Ion: 91 Resp: 263434

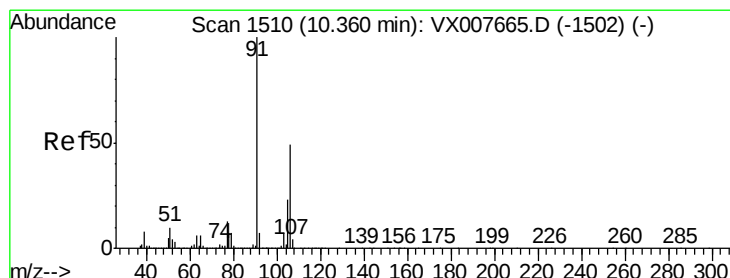
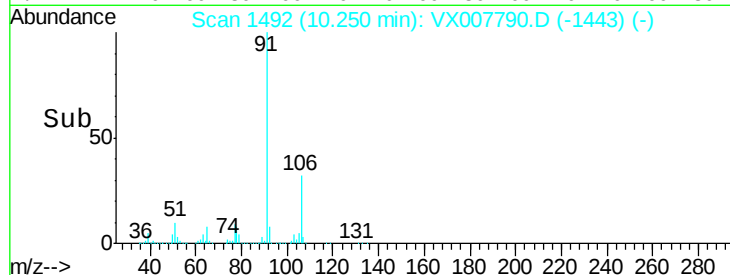
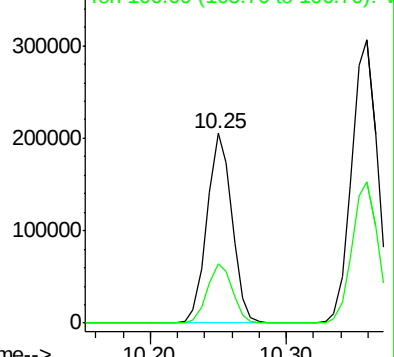
Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1485) (-)



#68

m/p-Xylenes

Concen: 37.019 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007790.D

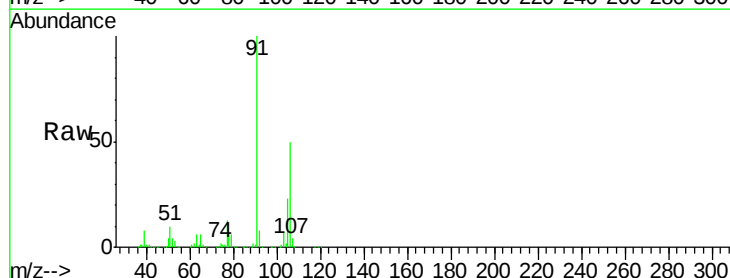
Acq: 01 Mar 2019 15:27

Tgt Ion: 106 Resp: 202142

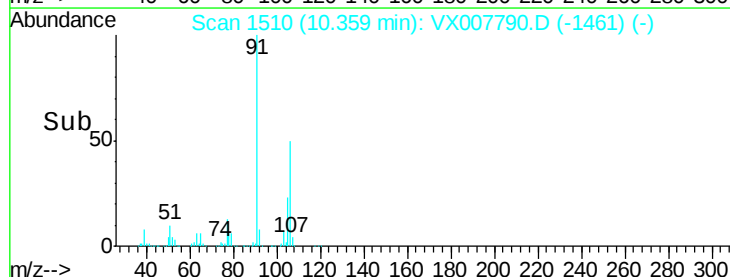
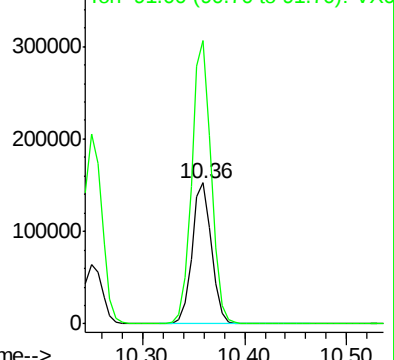
Ion Ratio Lower Upper

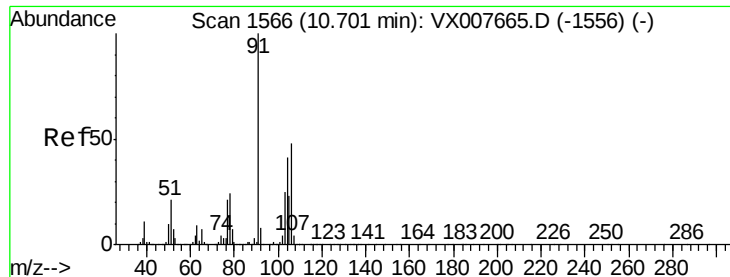
106 100

91 200.9 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007665.D (-1502) (-)

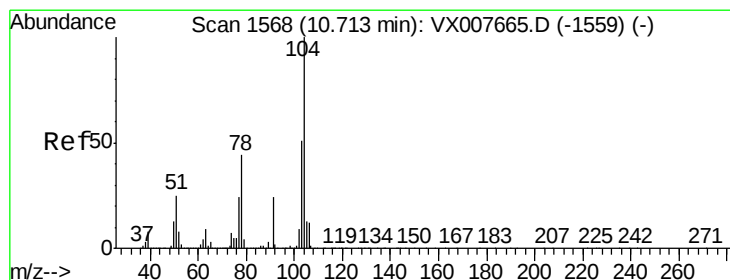
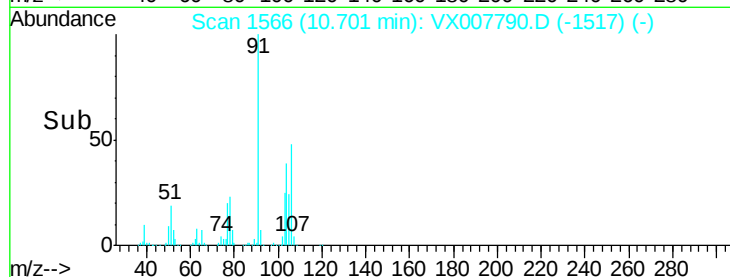
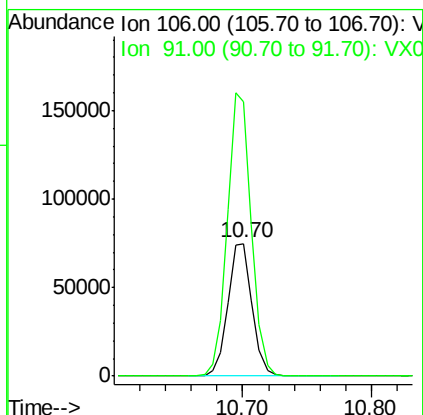
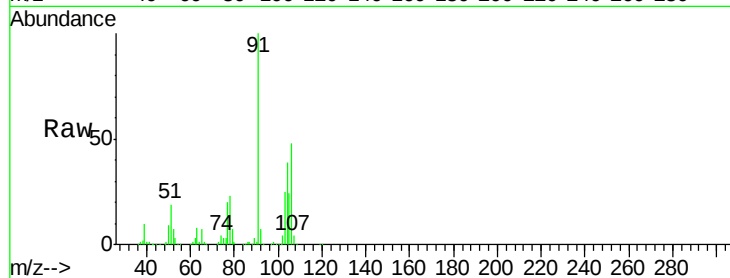




#69
o-Xylene
Concen: 18.812 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

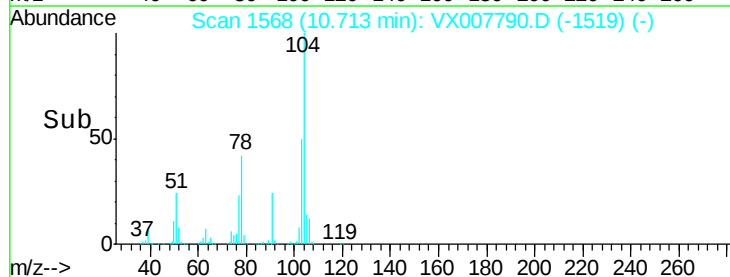
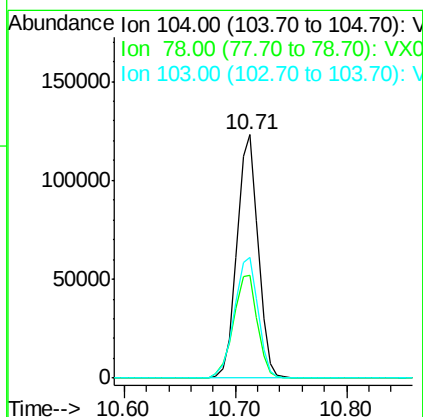
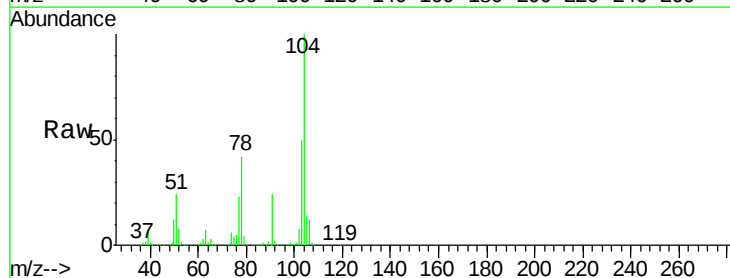
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

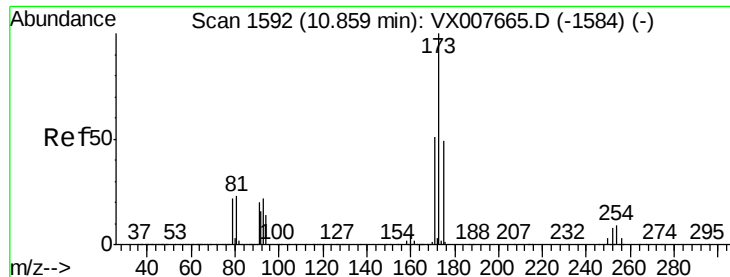
Tot Ion:106 Resp: 98804
Ion Ratio Lower Upper
106 100
91 211.4 102.9 308.7



#70
Styrene
Concen: 18.785 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion:104 Resp: 162172
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 55.6 44.6 67.0





#71

Bromoform

Concen: 19.815 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

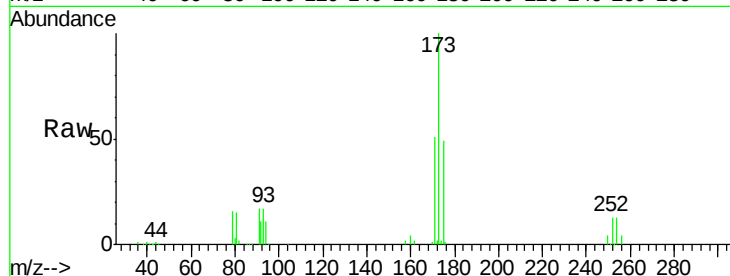
Tot Ion:173 Resp: 43917

Ion Ratio Lower Upper

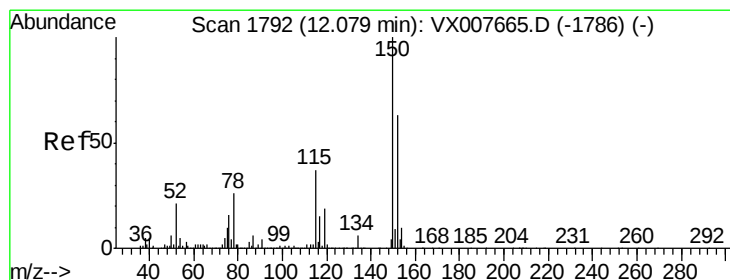
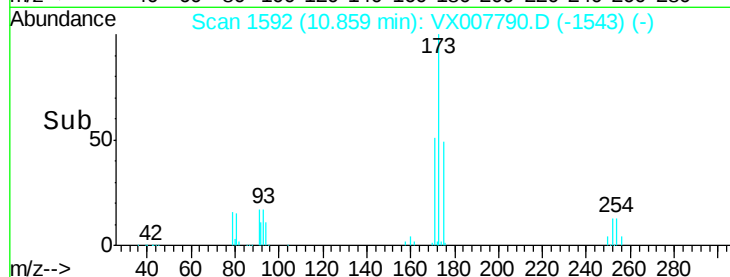
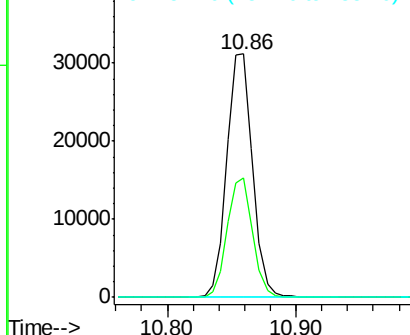
173 100

175 48.2 24.2 72.6

254 0.0 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: VX007790.D

Acq: 01 Mar 2019 15:27

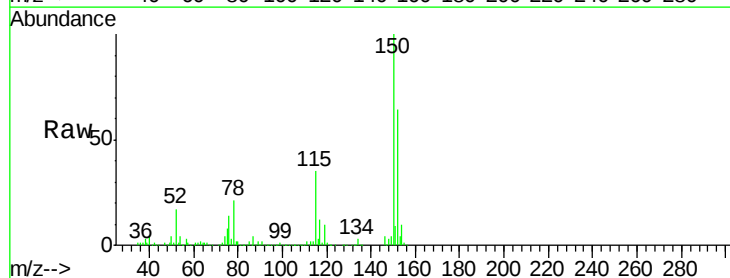
Tgt Ion:152 Resp: 197416

Ion Ratio Lower Upper

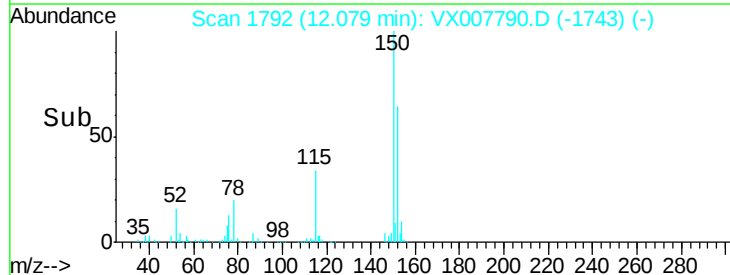
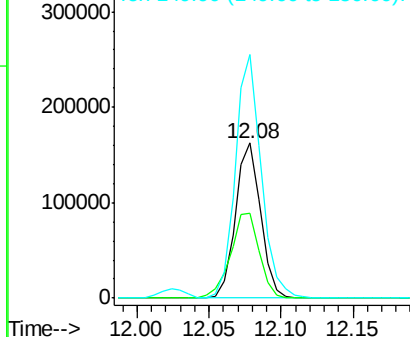
152 100

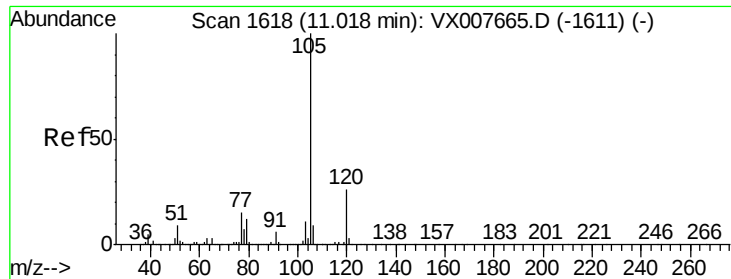
115 63.2 38.0 114.0

150 161.9 0.0 346.4



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: 18.786 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

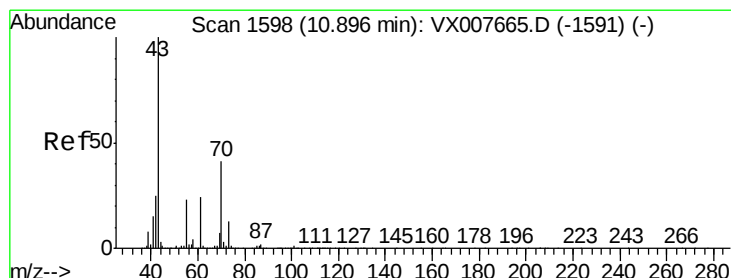
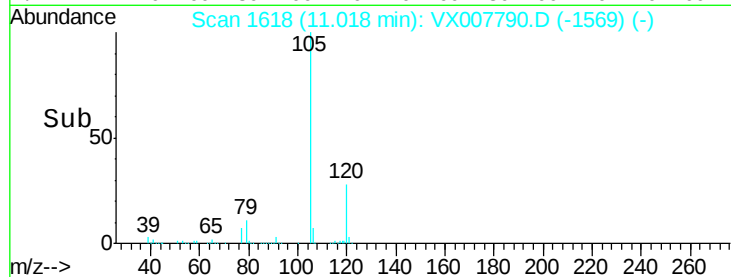
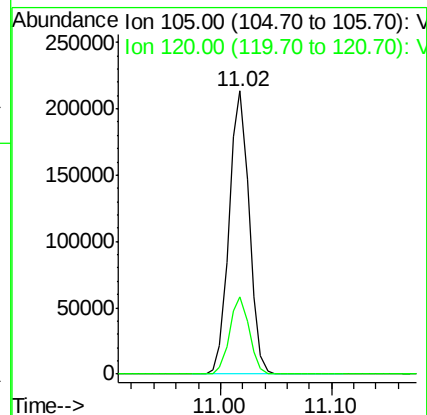
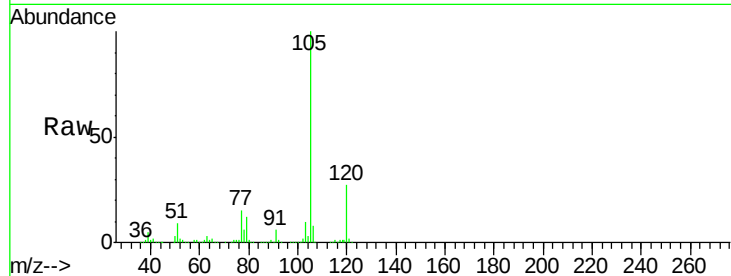
VX0301WBSD01

Tot Ion:105 Resp: 265066

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 19.142 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion: 43 Resp: 117287

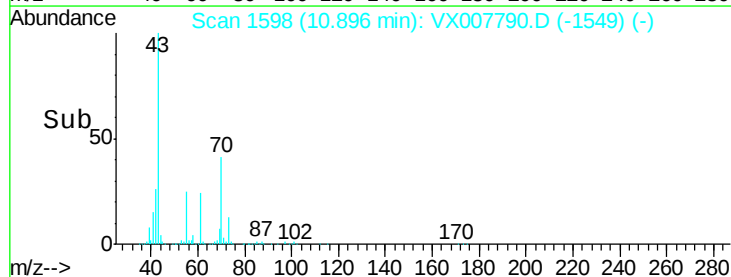
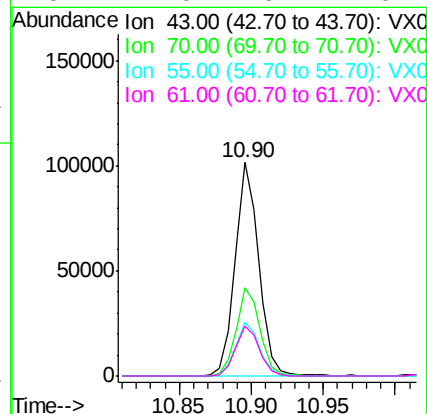
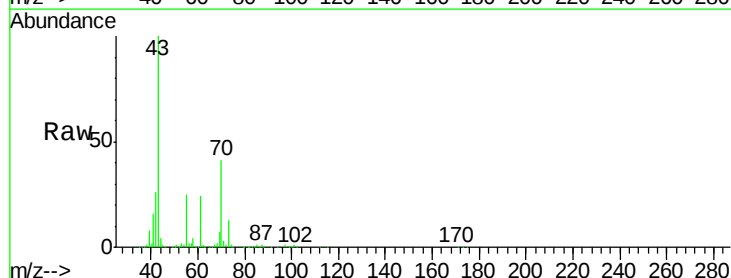
Ion Ratio Lower Upper

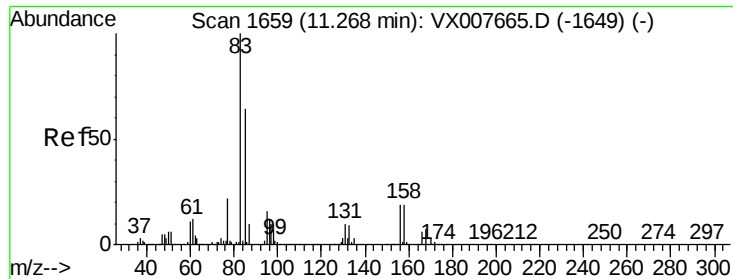
43 100

70 41.9 33.8 50.6

55 25.9 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.471 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

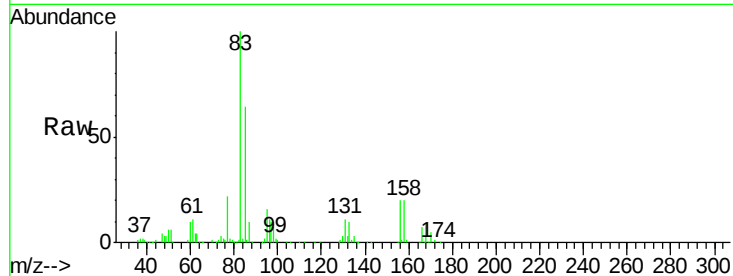
Tot Ion: 83 Resp: 90139

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

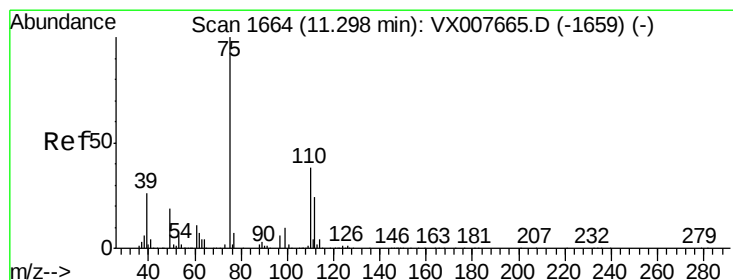
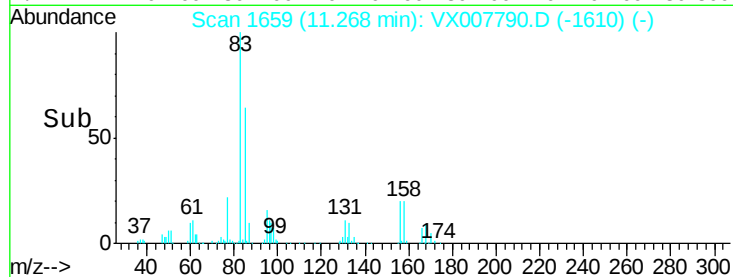
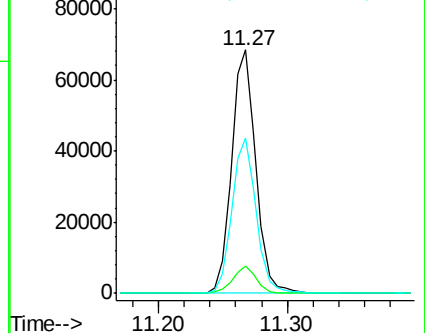
85 63.7 32.8 98.3



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: 23.990 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007790.D

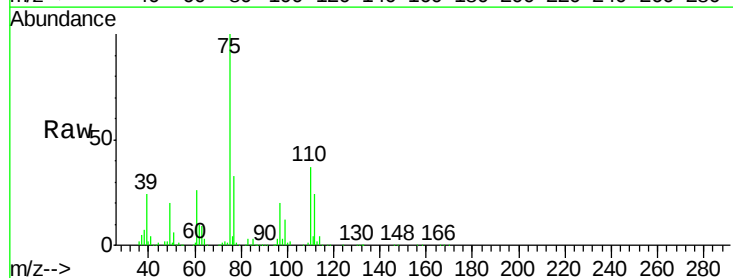
Acq: 01 Mar 2019 15:27

Tgt Ion: 75 Resp: 100951

Ion Ratio Lower Upper

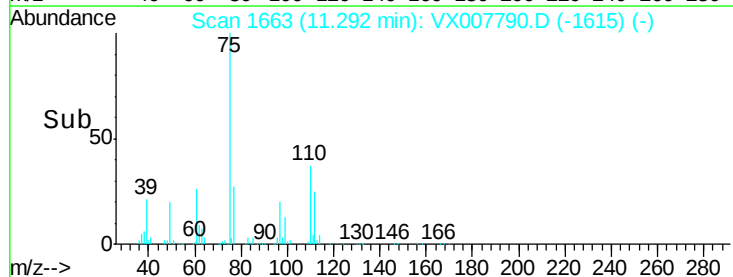
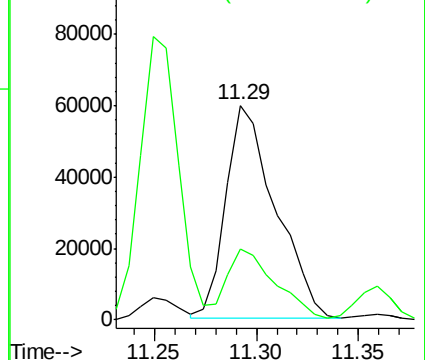
75 100

77 33.0 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.313 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

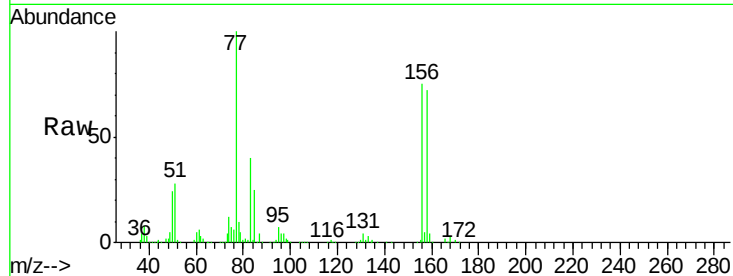
Tot Ion:156 Resp: 71886

Ion Ratio Lower Upper

156 100

77 143.6 66.8 200.6

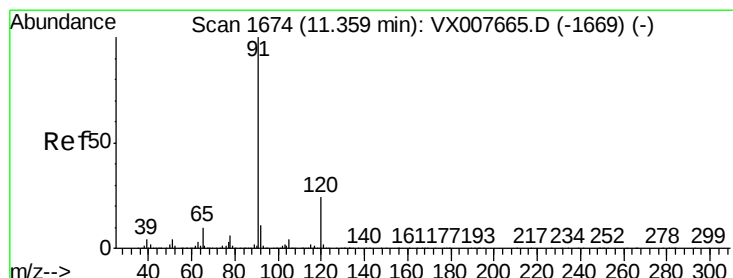
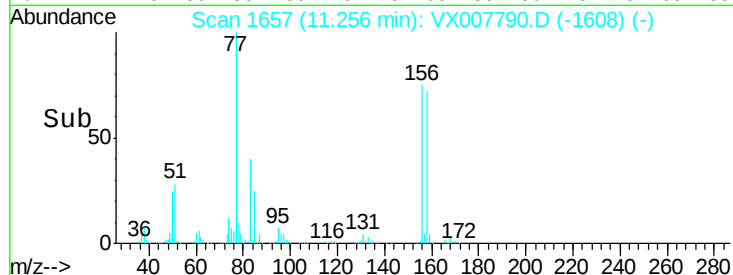
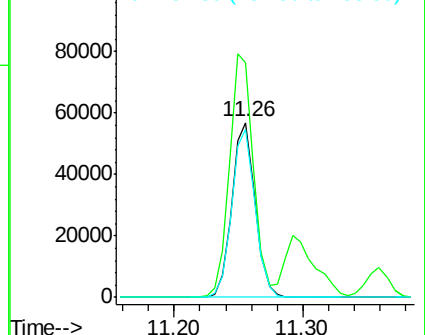
158 97.2 47.9 143.8



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: 18.349 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007790.D

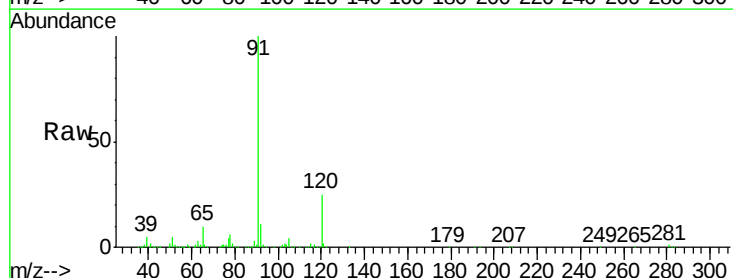
Acq: 01 Mar 2019 15:27

Tgt Ion: 91 Resp: 292549

Ion Ratio Lower Upper

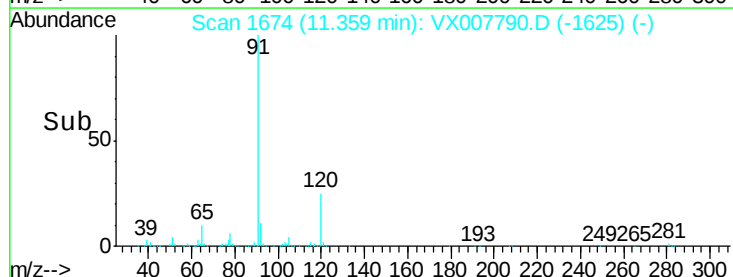
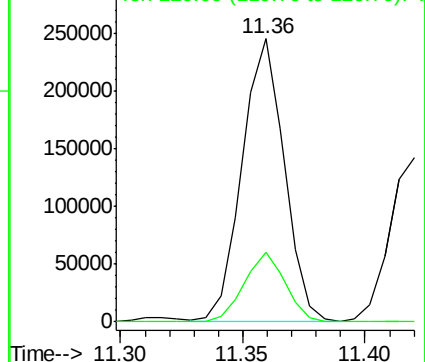
91 100

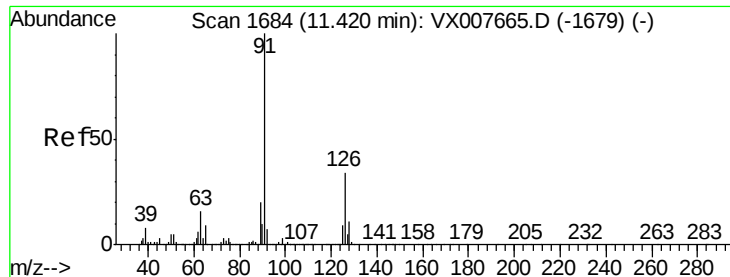
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.595 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

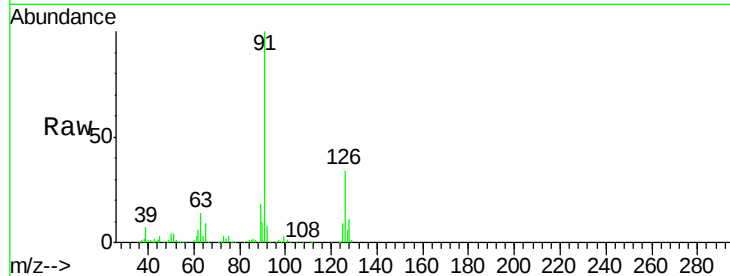
VX0301WBSD01

Tot Ion: 91 Resp: 178518

Ion Ratio Lower Upper

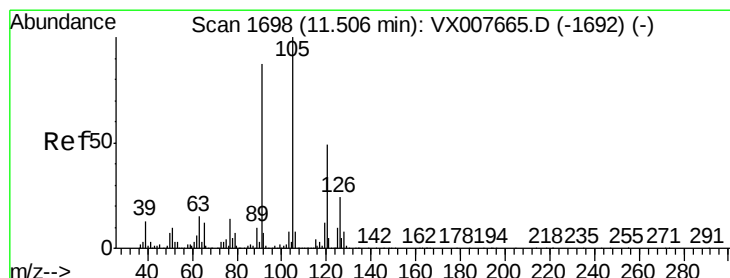
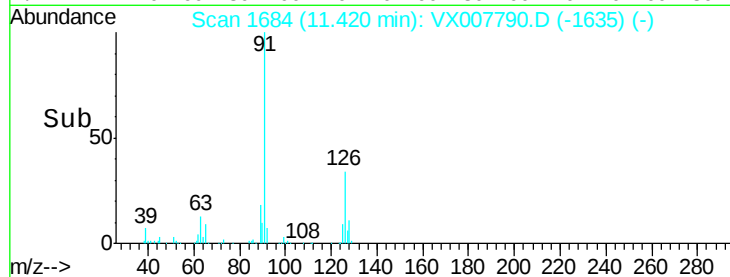
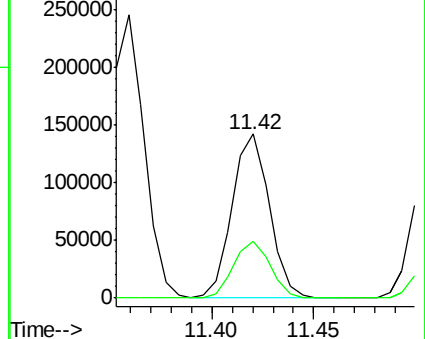
91 100

126 34.7 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: 18.735 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007790.D

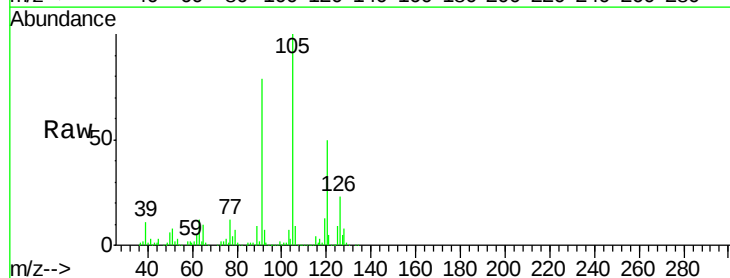
Acq: 01 Mar 2019 15:27

Tgt Ion:105 Resp: 217434

Ion Ratio Lower Upper

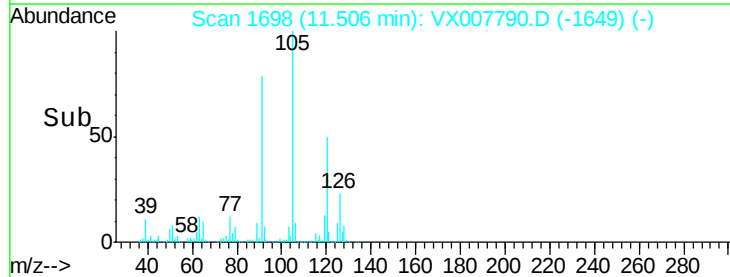
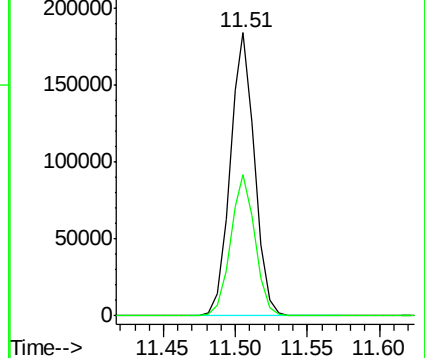
105 100

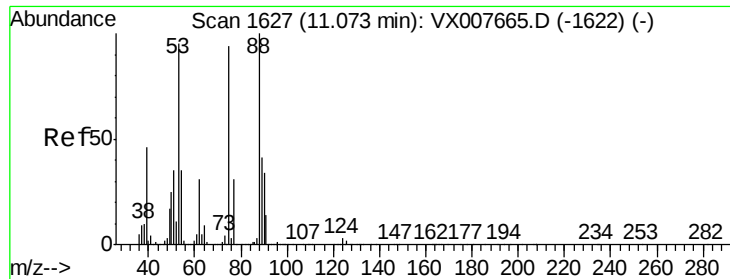
120 50.0 25.3 75.8



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: 17.228 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

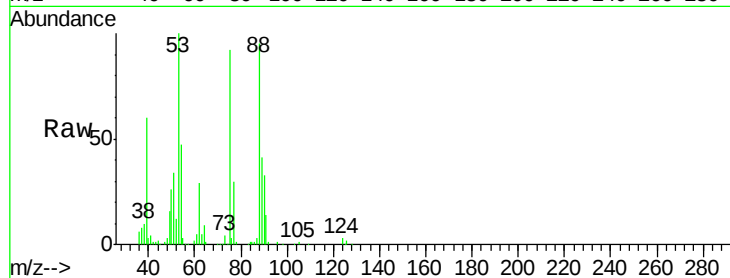
Tot Ion: 75 Resp: 23758

Ion Ratio Lower Upper

75 100

53 107.0 81.0 121.6

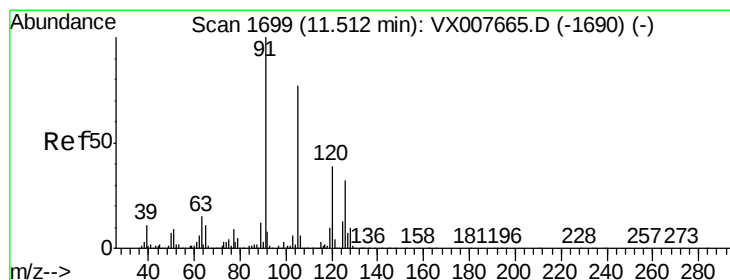
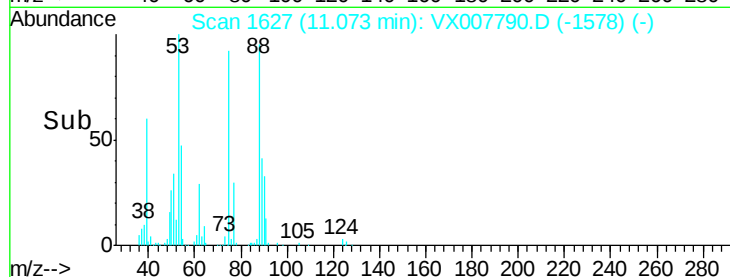
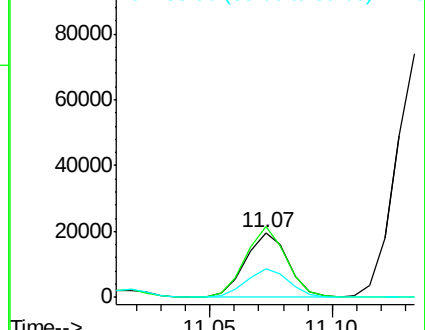
89 44.9 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.106 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007790.D

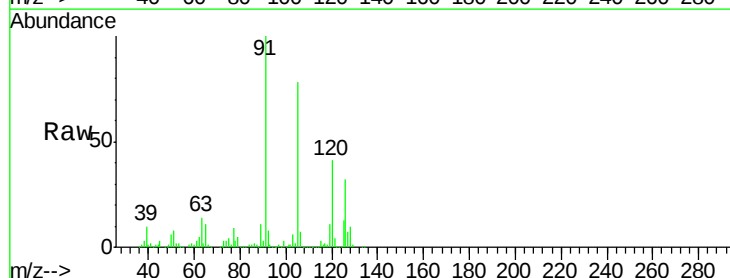
Acq: 01 Mar 2019 15:27

Tgt Ion: 91 Resp: 203345

Ion Ratio Lower Upper

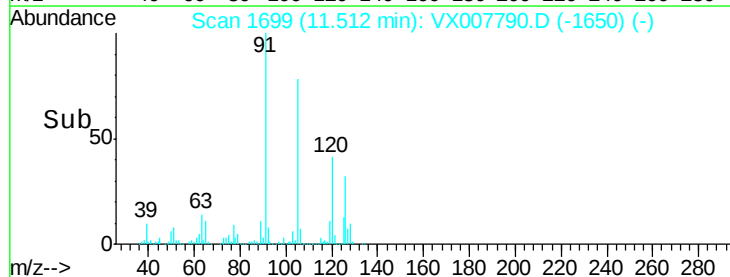
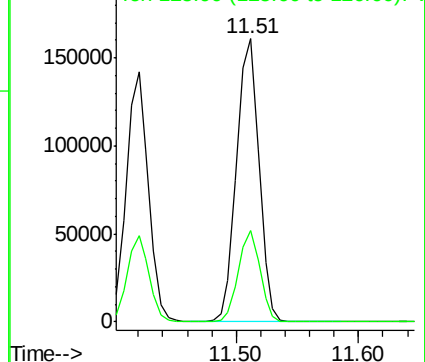
91 100

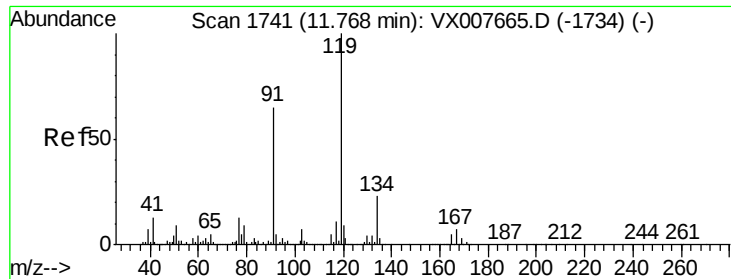
126 31.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

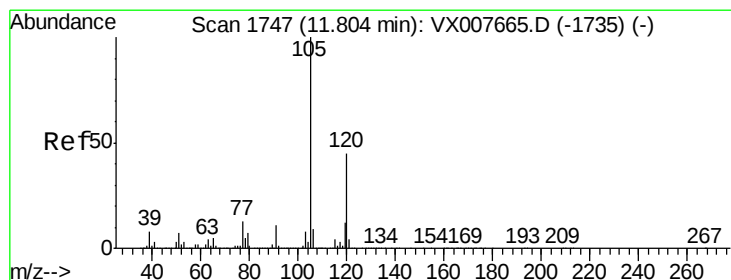
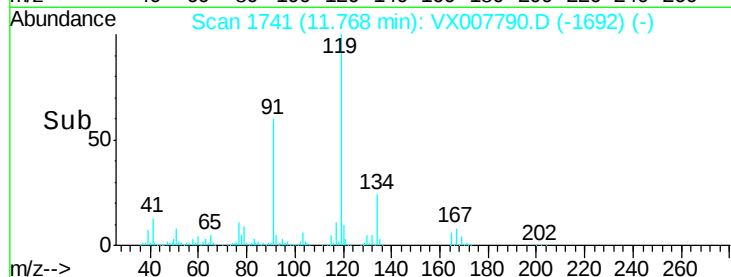
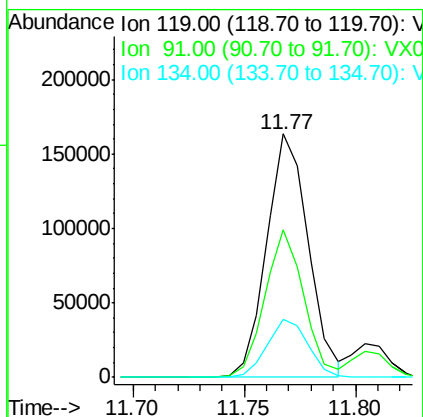
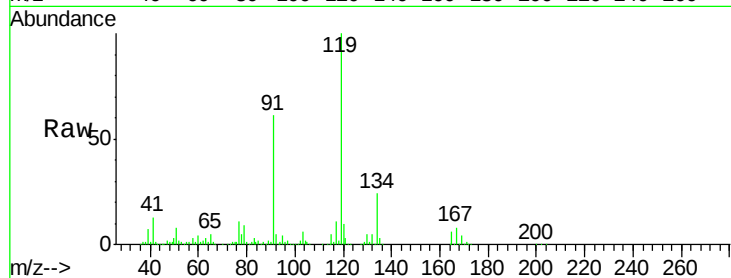




#83
tert-Butylbenzene
Concen: 19.007 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

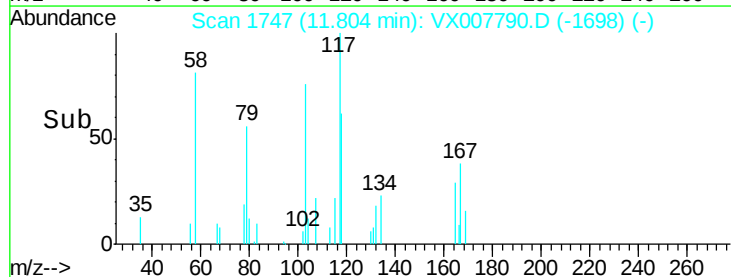
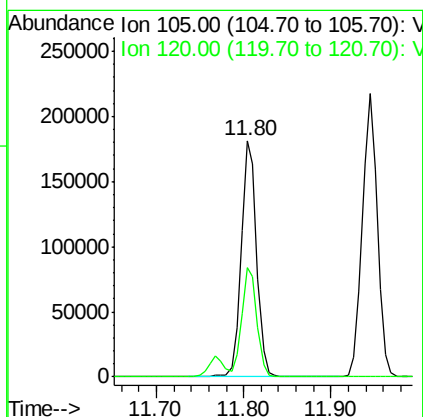
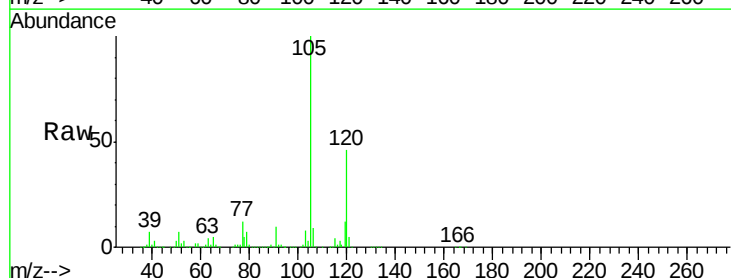
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

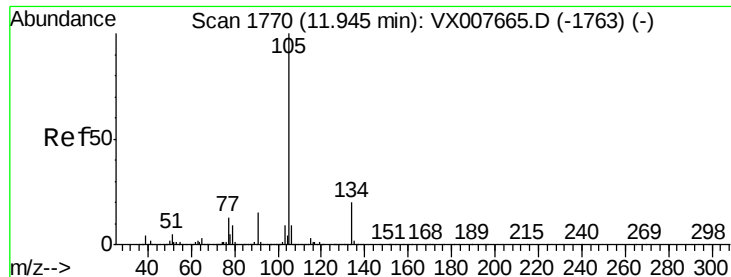
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.5	85.6
134	23.8	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 18.722 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3

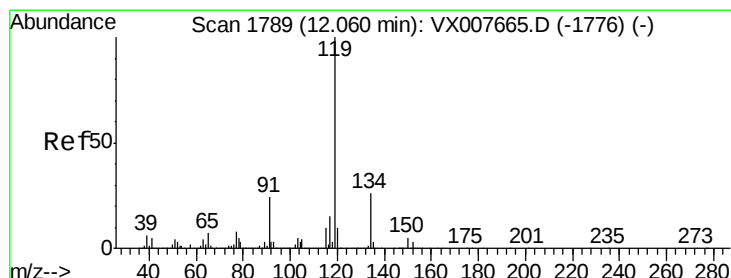
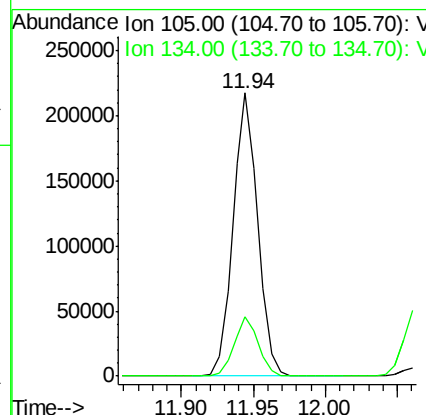
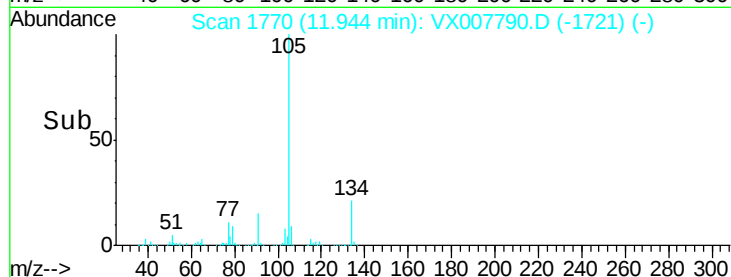
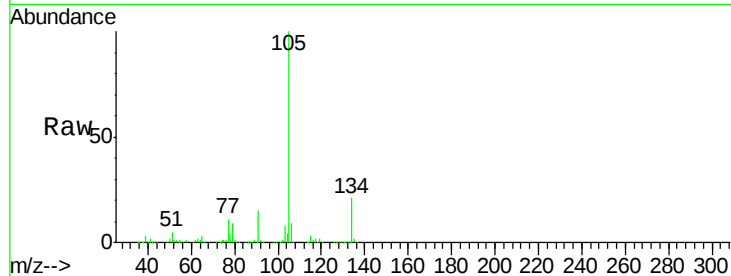




#85
 sec-Butylbenzene
 Concen: 18.623 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

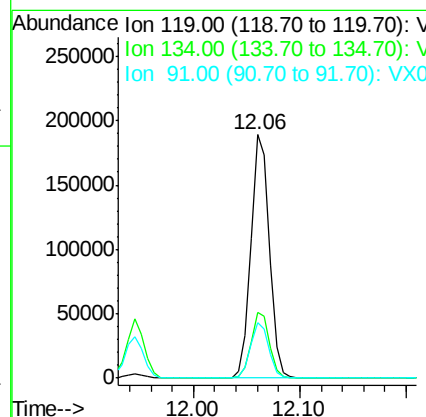
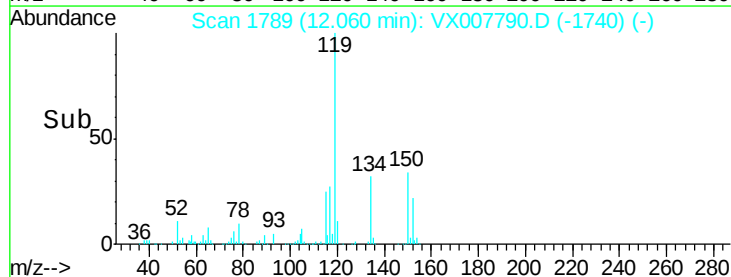
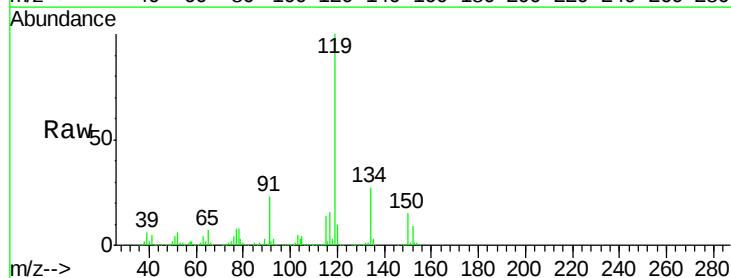
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion:105 Resp: 260051
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 18.832 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion:119 Resp: 230291
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.1
 91 22.5 11.2 33.5

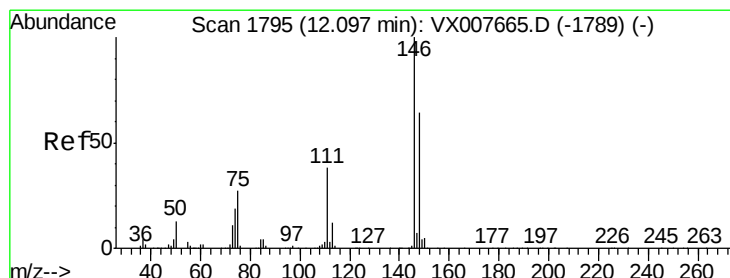
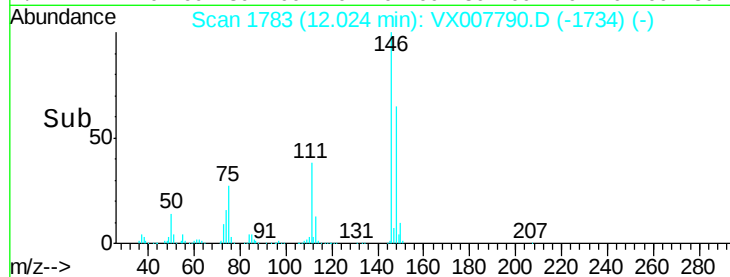
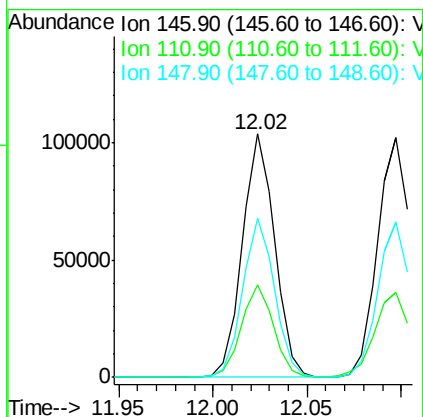
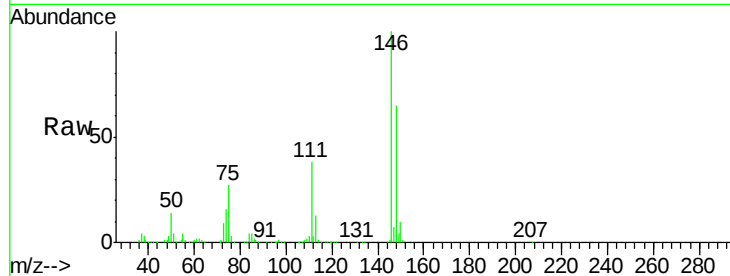




#87
 1,3-Dichlorobenzene
 Concen: 18.847 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

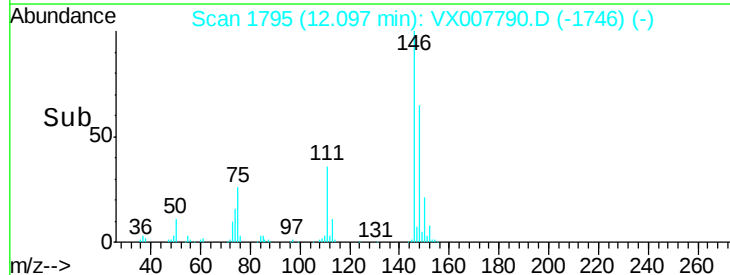
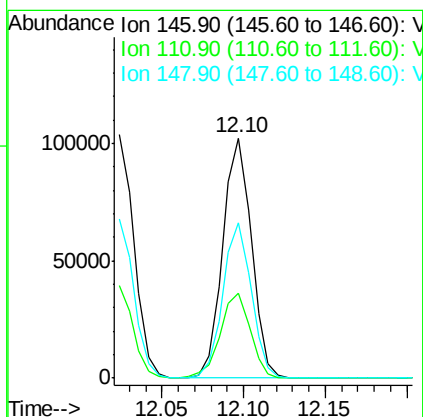
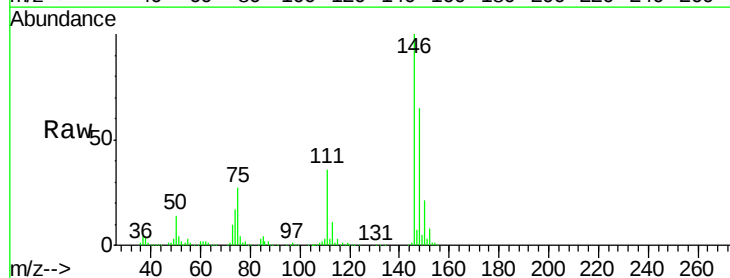
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

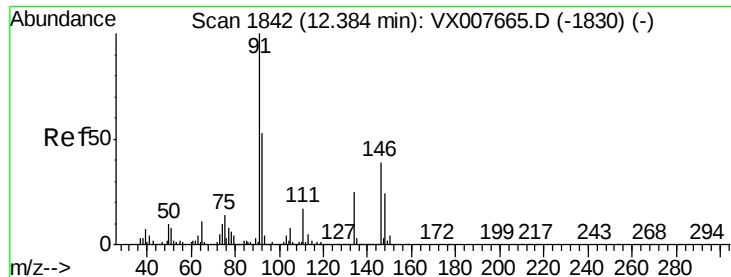
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.667 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.3	32.3	96.9





#89

n-Butylbenzene

Concen: 17.396 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

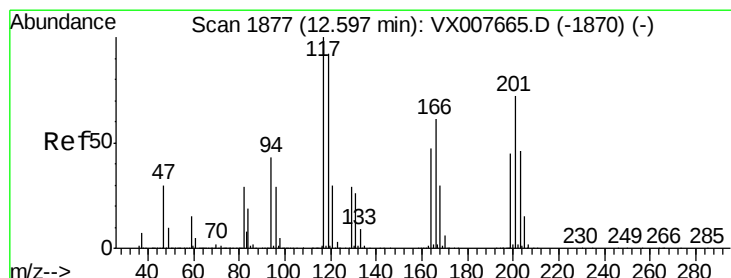
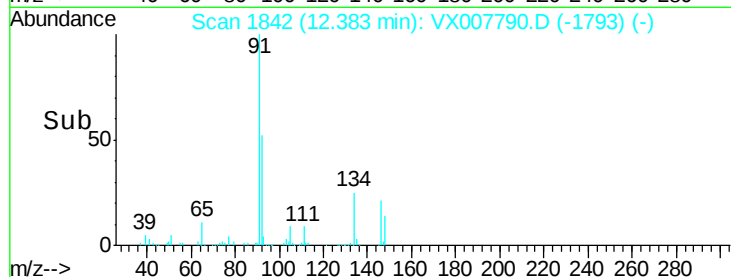
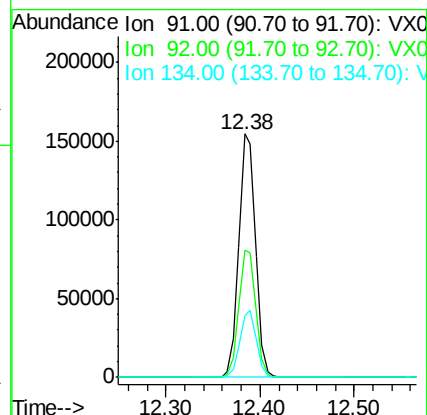
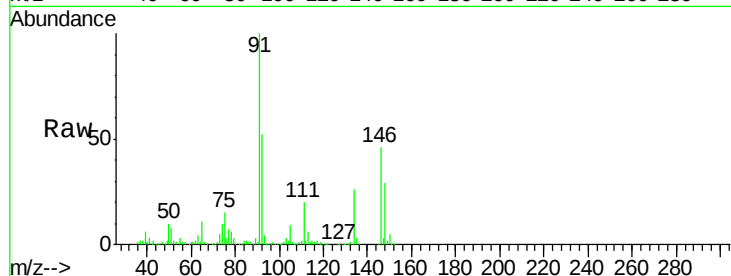
Tot Ion: 91 Resp: 189717

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.9 13.9 41.6



#90

Hexachloroethane

Concen: 16.994 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007790.D

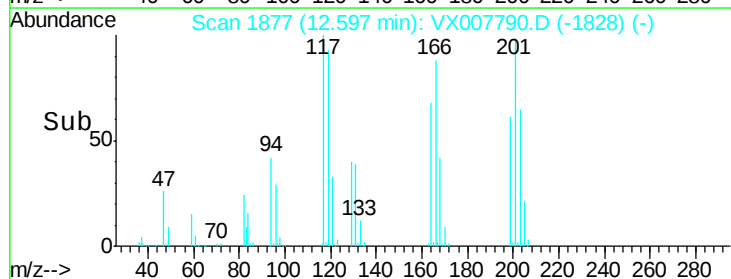
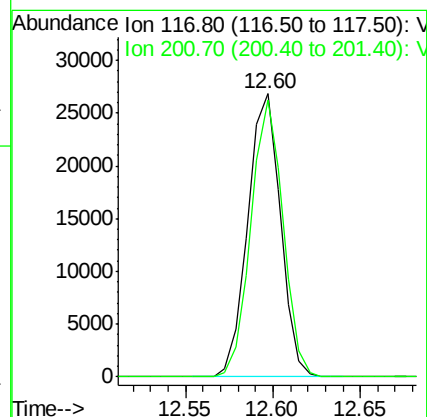
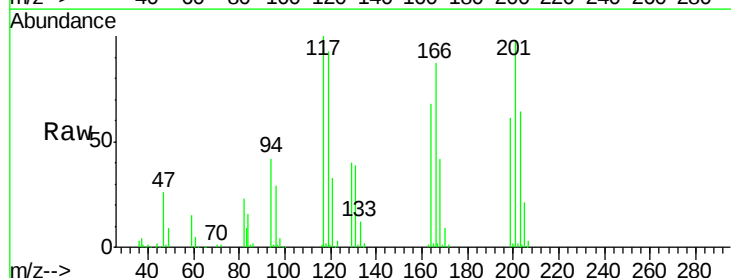
Acq: 01 Mar 2019 15:27

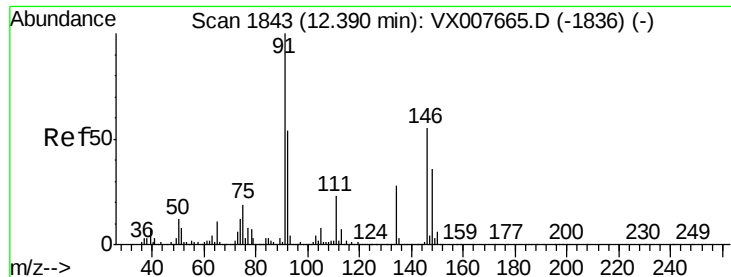
Tgt Ion: 117 Resp: 35017

Ion Ratio Lower Upper

117 100

201 95.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.039 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0301WBSD01

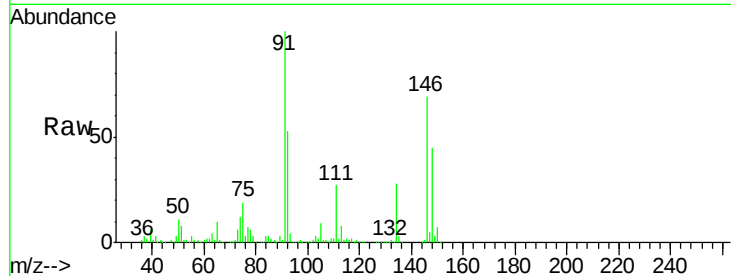
Tot Ion:146 Resp: 125050

Ion Ratio Lower Upper

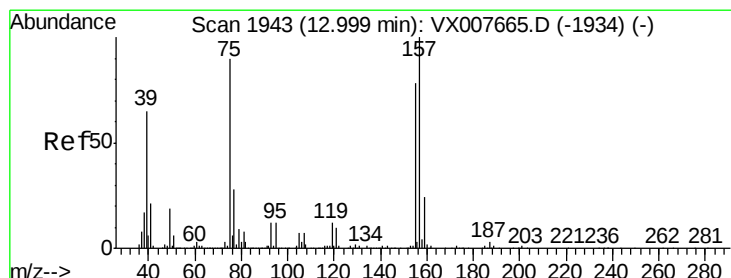
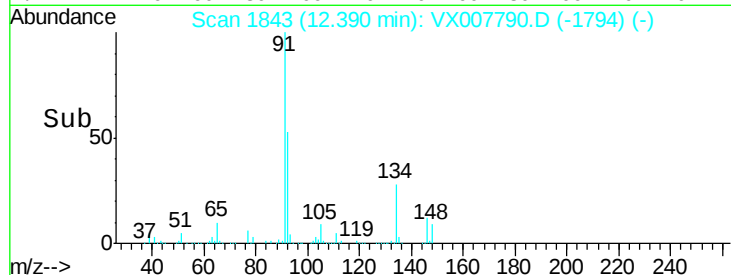
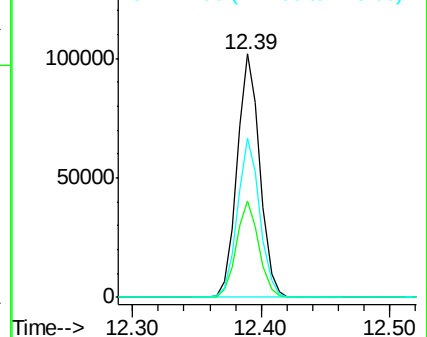
146 100

111 39.0 19.1 57.3

148 64.4 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.044 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

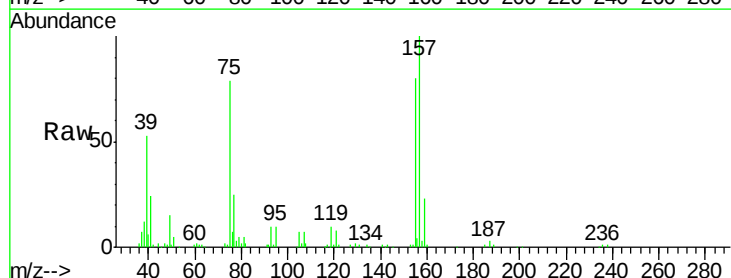
Tgt Ion: 75 Resp: 18123

Ion Ratio Lower Upper

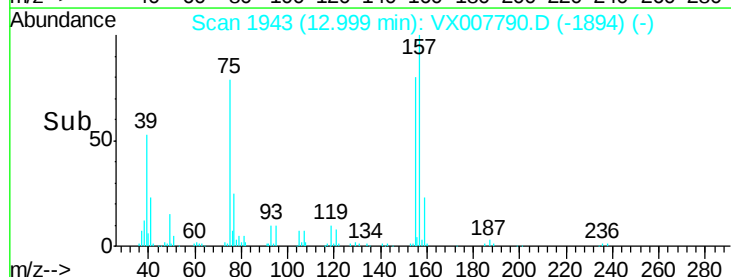
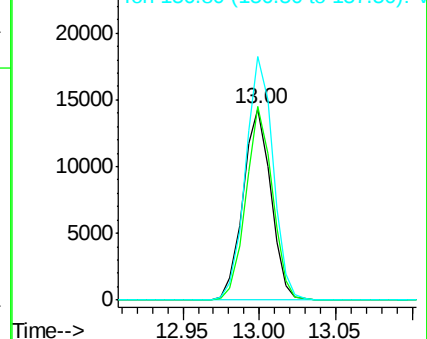
75 100

155 95.7 49.6 149.0

157 125.0 65.1 195.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 21.304 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

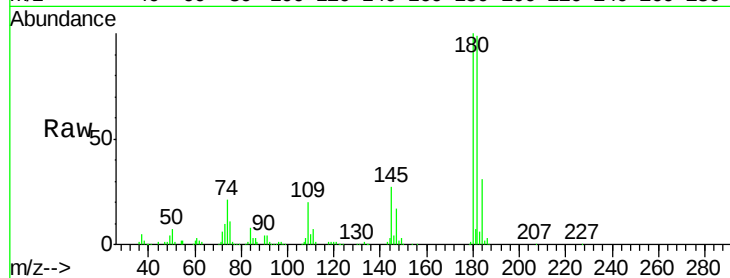
Tot Ion:180 Resp: 85412

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

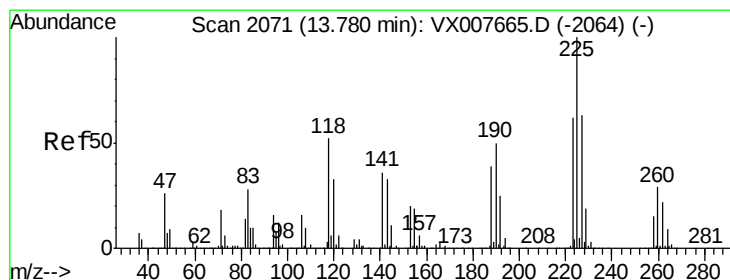
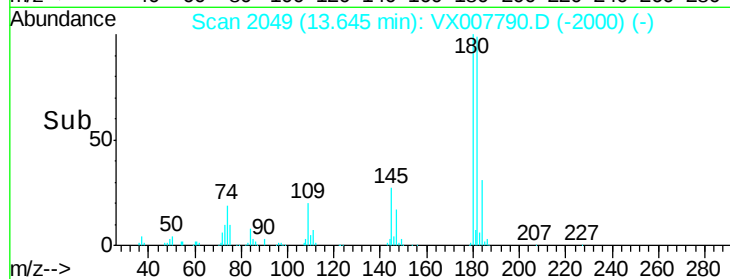
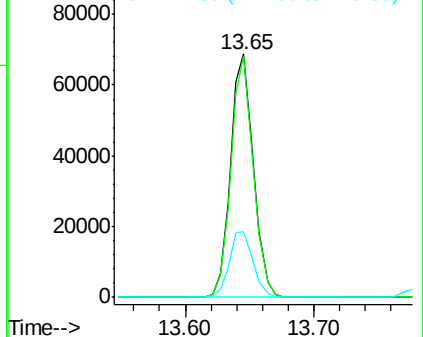
145 28.4 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 25.236 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

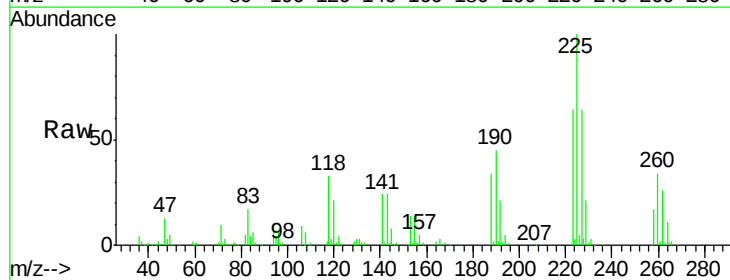
Tgt Ion:225 Resp: 46286

Ion Ratio Lower Upper

225 100

223 61.6 31.6 94.8

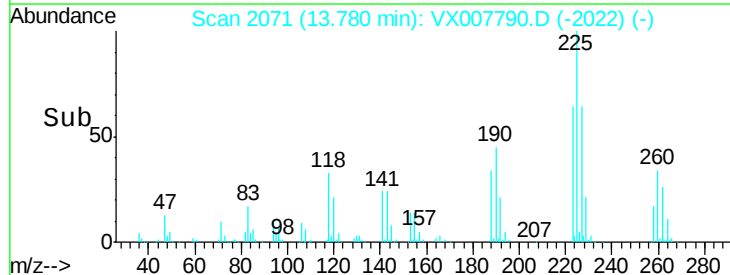
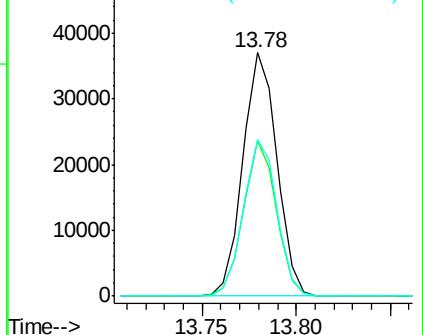
227 63.2 32.1 96.3

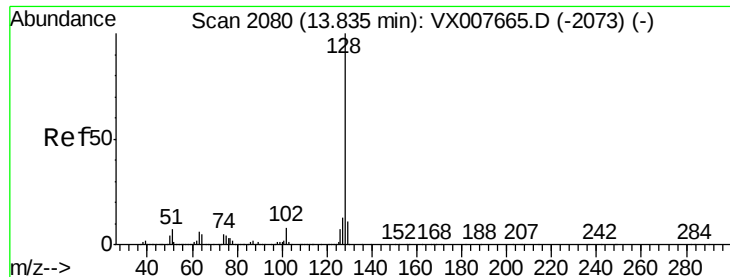


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

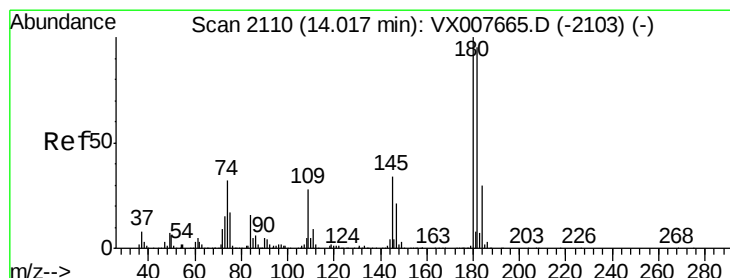
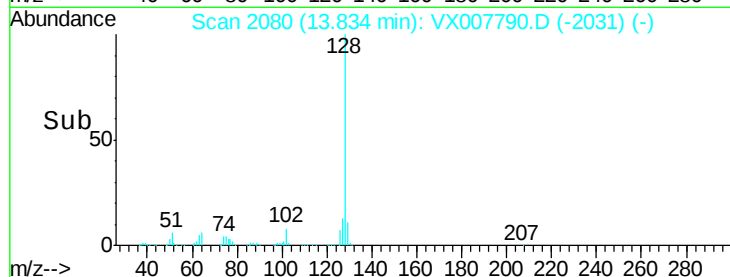
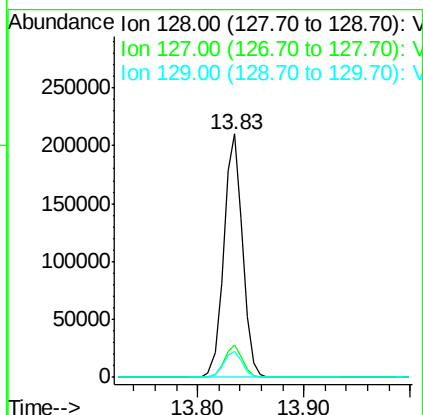
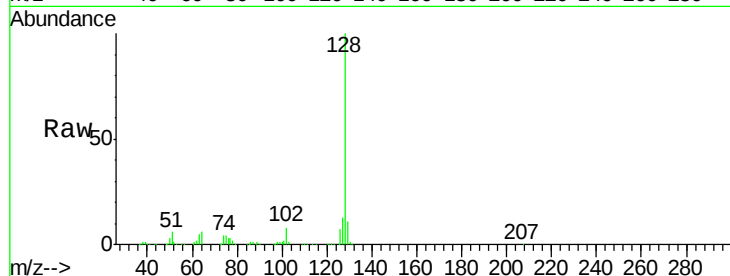




#95
Naphthalene
Concen: 19.797 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion:128 Resp: 257157
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.398 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion:180 Resp: 86143
Ion Ratio Lower Upper
180 100
182 96.8 47.5 142.6
145 30.1 14.9 44.5

