

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008653.D
 Acq On : 04 Apr 2019 22:43
 Operator : JC/SP
 Sample : VX0404WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Quant Time: Apr 05 07:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122117	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	89147	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.71	98	365547	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	131147	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	35903	17.639	ug/l	97
3) Chloromethane	1.32	50	51291	19.532	ug/l	99
4) Vinyl Chloride	1.40	62	49044	17.824	ug/l	100
5) Bromomethane	1.64	94	22969	18.192	ug/l	98
6) Chloroethane	1.71	64	32701	19.941	ug/l	98
7) Trichlorofluoromethane	1.93	101	55855	18.364	ug/l	96
8) Diethyl Ether	2.19	74	27159	18.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34771	17.756	ug/l	99
10) Methyl Iodide	2.51	142	21109	14.891	ug/l	99
11) Tert butyl alcohol	3.05	59	62061	102.783	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37155	18.175	ug/l	99
13) Acrolein	2.29	56	20636	68.924	ug/l	98
14) Allyl chloride	2.73	41	83954	17.939	ug/l	99
15) Acrylonitrile	3.14	53	150922	94.350	ug/l	100
16) Acetone	2.44	43	129304	87.044	ug/l	97
17) Carbon Disulfide	2.57	76	107246	17.689	ug/l	99
18) Methyl Acetate	2.77	43	66415	18.434	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	140374	19.228	ug/l	97
20) Methylene Chloride	2.85	84	45340	18.234	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39648	17.930	ug/l	93
22) Diisopropyl ether	3.85	45	170254	18.875	ug/l	91
23) Vinyl Acetate	3.81	43	746998	95.197	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82787	18.537	ug/l	99
25) 2-Butanone	4.67	43	221801	94.468	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47477	15.094	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46533	18.304	ug/l	96
28) Bromochloromethane	5.01	49	39888	19.538	ug/l	100
29) Tetrahydrofuran	5.13	42	147328	94.541	ug/l	100
30) Chloroform	5.21	83	74714	18.731	ug/l	95
31) Cyclohexane	5.58	56	79072	17.744	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59918	18.589	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56428	17.082	ug/l	99
37) Ethyl Acetate	4.84	43	83338	18.900	ug/l	99
38) Carbon Tetrachloride	5.78	117	48925	17.894	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67197	16.467	ug/l	99
40) Benzene	6.14	78	181073	18.399	ug/l	98
41) Methacrylonitrile	5.04	41	45634	18.005	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62439	17.698	ug/l	99
43) Isopropyl Acetate	6.45	43	128575	18.614	ug/l	99
44) Trichloroethene	7.21	130	40972	17.875	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51074	18.183	ug/l	100
46) Dibromomethane	7.66	93	28707	17.621	ug/l	99
47) Bromodichloromethane	7.90	83	55980	18.224	ug/l	100
48) Methyl methacrylate	7.77	41	65102	18.632	ug/l	100
49) 1,4-Dioxane	7.74	88	26880	410.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	430537	96.827	ug/l	99
52) Toluene	8.79	92	107574	18.541	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60390	17.551	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68584	17.444	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43032	18.477	ug/l	100
56) Ethyl methacrylate	9.18	69	81161	19.261	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77243	18.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207819	96.586	ug/l	100
59) 2-Hexanone	9.49	43	336253	97.308	ug/l	99
60) Dibromochloromethane	9.58	129	39844	18.155	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44480	18.346	ug/l	99
64) Tetrachloroethene	9.34	164	35212	17.707	ug/l	99
65) Chlorobenzene	10.14	112	107897	18.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38000	18.206	ug/l	99
67) Ethyl Benzene	10.25	91	202149	18.221	ug/l	99
68) m/p-Xylenes	10.36	106	146415	36.705	ug/l	100
69) o-Xylene	10.70	106	72189	18.674	ug/l	100
70) Styrene	10.71	104	125255	18.797	ug/l	99
71) Bromoform	10.85	173	28629	17.959	ug/l #	100
73) Isopropylbenzene	11.02	105	190777	18.708	ug/l	100
74) N-amyl acetate	10.90	43	116035	19.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72834	18.779	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	81018	23.967	ug/l	82
77) Bromobenzene	11.26	156	45708	18.644	ug/l	99
78) n-propylbenzene	11.36	91	216616	18.243	ug/l	99
79) 2-Chlorotoluene	11.42	91	132268	18.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160863	18.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19995	16.305	ug/l	91
82) 4-Chlorotoluene	11.51	91	149538	17.978	ug/l	99
83) tert-Butylbenzene	11.77	119	156142	18.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	161303	18.609	ug/l	99
85) sec-Butylbenzene	11.94	105	180234	18.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	161048	18.342	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79384	18.088	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	79312	17.846	ug/l	99
89) n-Butylbenzene	12.38	91	142750	17.336	ug/l	100
90) Hexachloroethane	12.60	117	26138	17.949	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	81022	18.593	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16575	19.427	ug/l	99

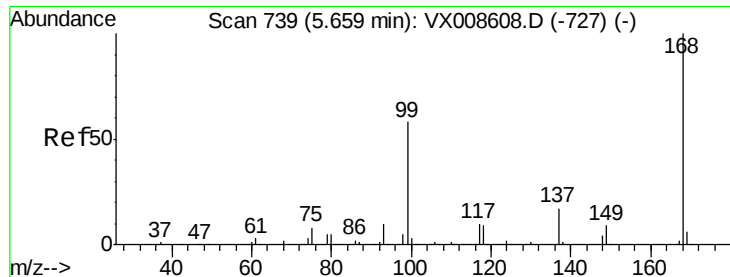
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55431	18.295	ug/l	99
94) Hexachlorobutadiene	13.78	225	26184	18.020	ug/l	99
95) Naphthalene	13.83	128	197358	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57097	18.861	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

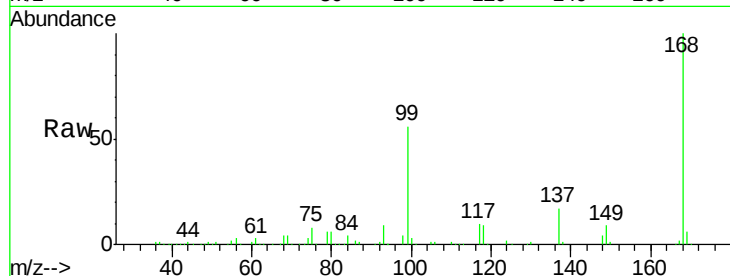
VX0404WBS02

Tgt Ion:168 Resp: 176828

Ion Ratio Lower Upper

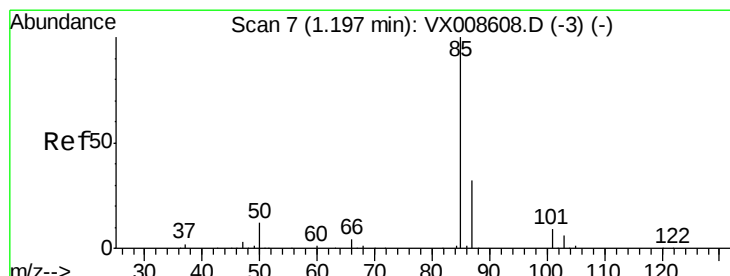
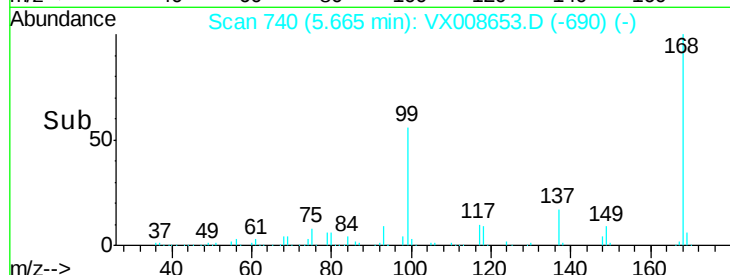
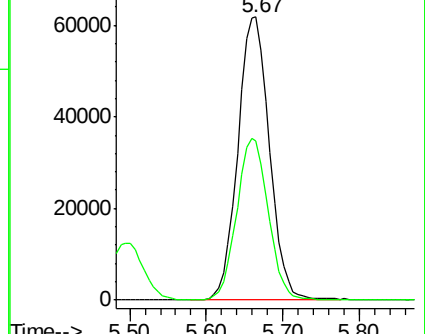
168 100

99 55.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.639 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008653.D

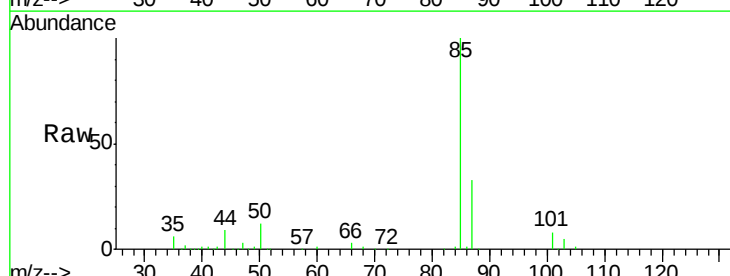
Acq: 04 Apr 2019 22:43

Tgt Ion: 85 Resp: 35903

Ion Ratio Lower Upper

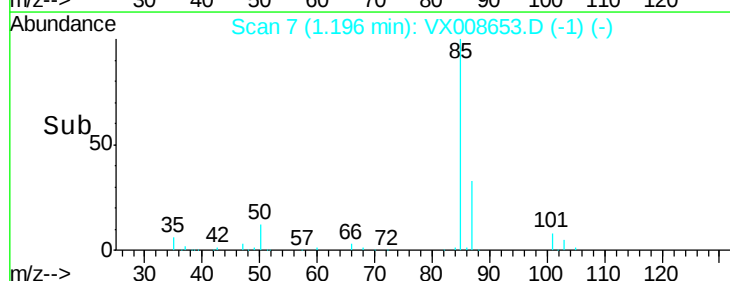
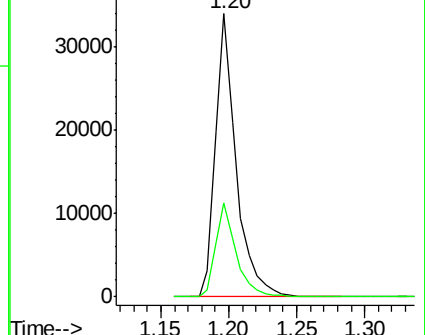
85 100

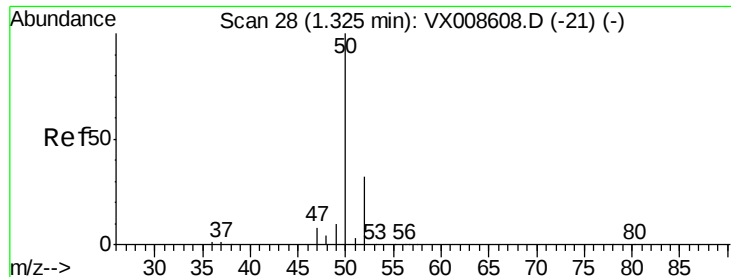
87 33.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.532 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

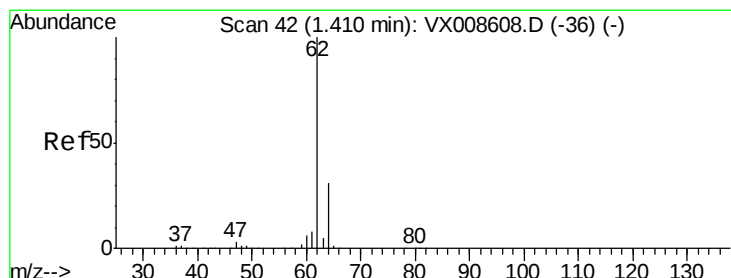
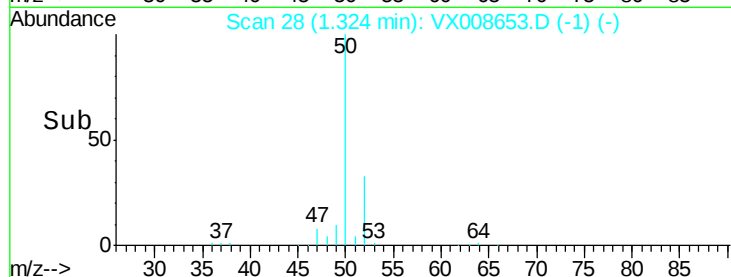
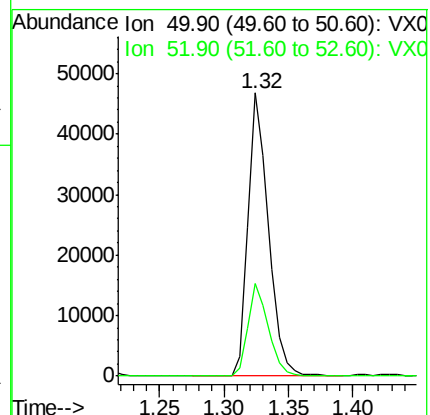
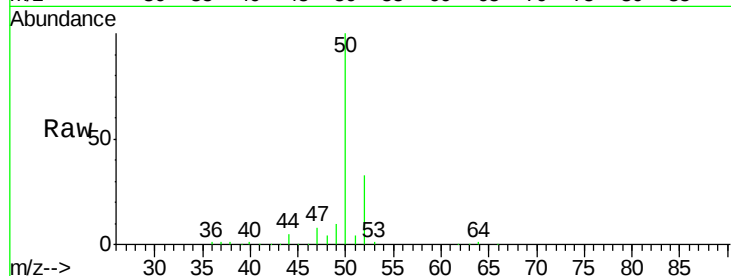
VX0404WBS02

Tgt Ion: 50 Resp: 51291

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



#4

Vinyl Chloride

Concen: 17.824 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008653.D

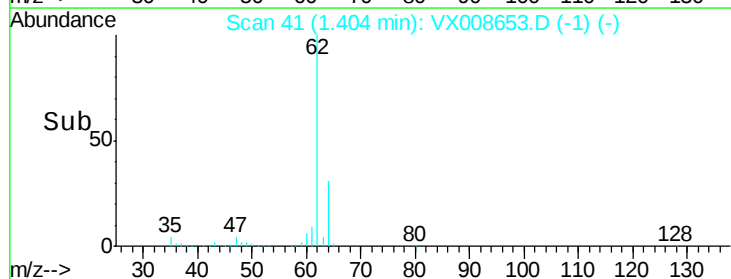
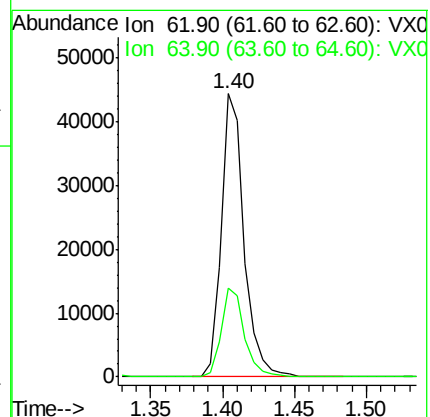
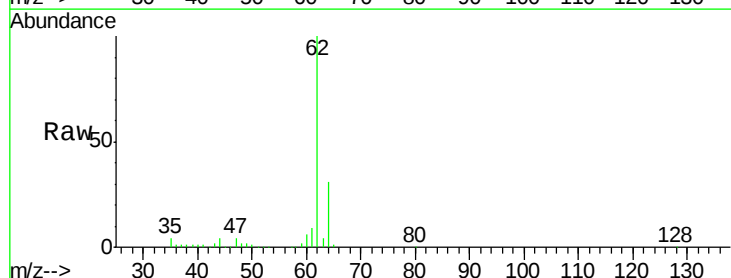
Acq: 04 Apr 2019 22:43

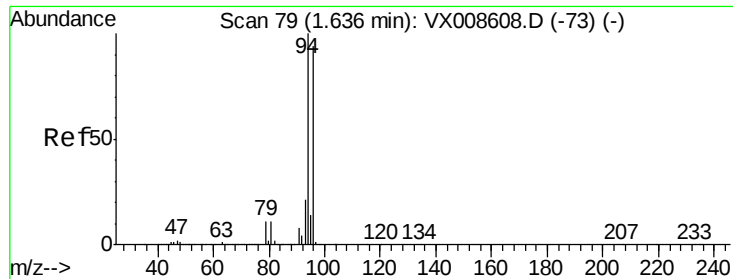
Tgt Ion: 62 Resp: 49044

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1





#5

Bromomethane

Concen: 18.192 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

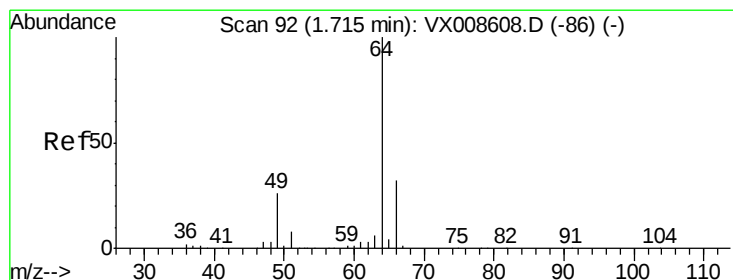
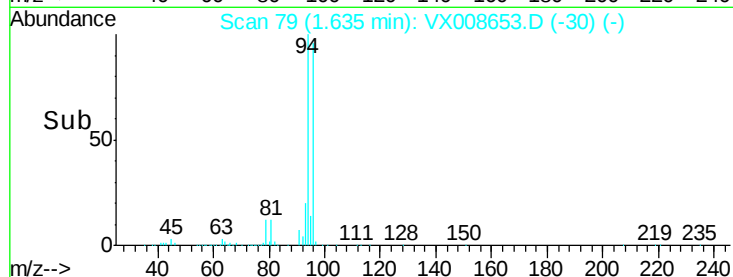
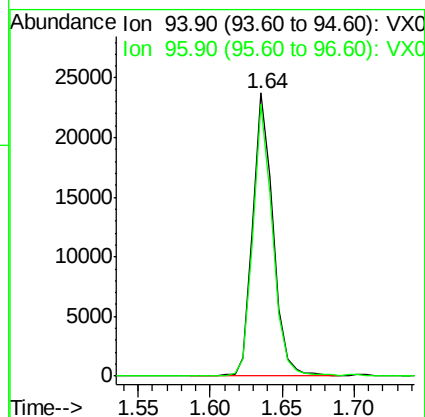
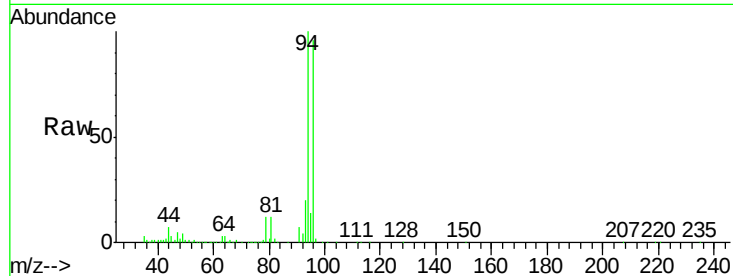
VX0404WBS02

Tgt Ion: 94 Resp: 22969

Ion Ratio Lower Upper

94 100

96 95.9 75.2 112.8



#6

Chloroethane

Concen: 19.941 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008653.D

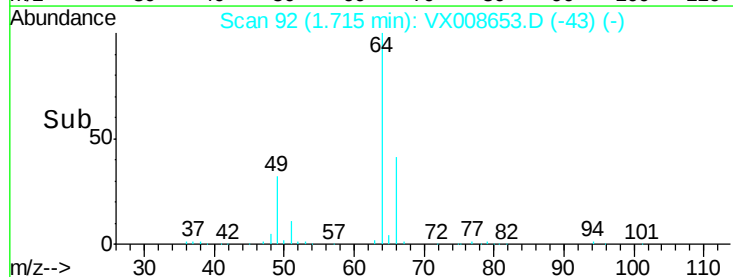
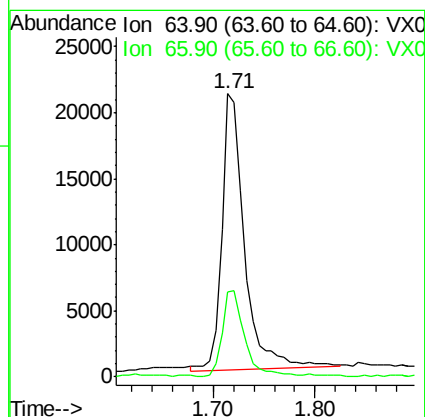
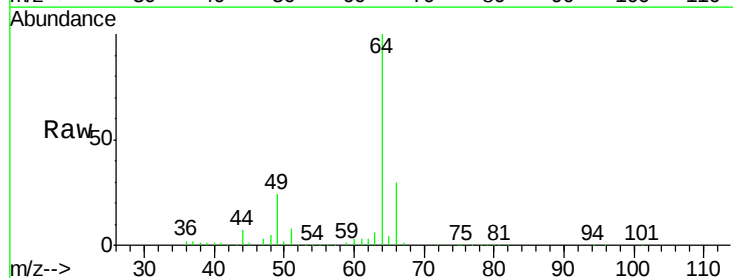
Acq: 04 Apr 2019 22:43

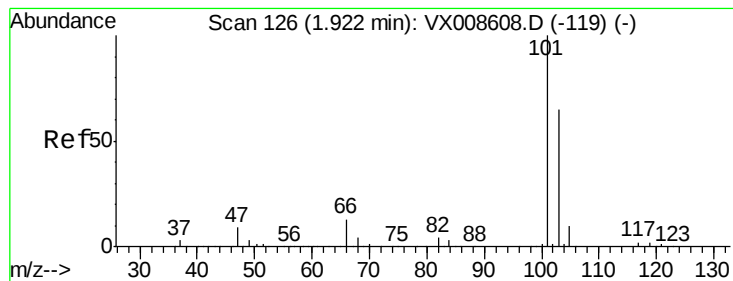
Tgt Ion: 64 Resp: 32701

Ion Ratio Lower Upper

64 100

66 30.7 25.4 38.0



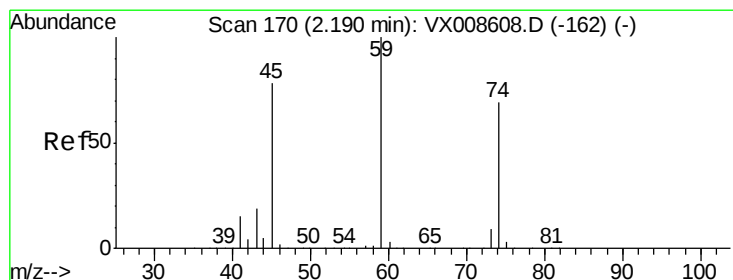
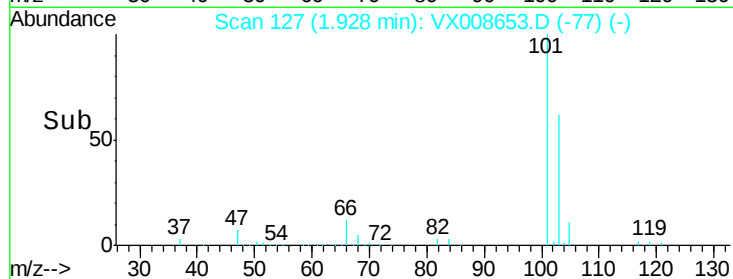
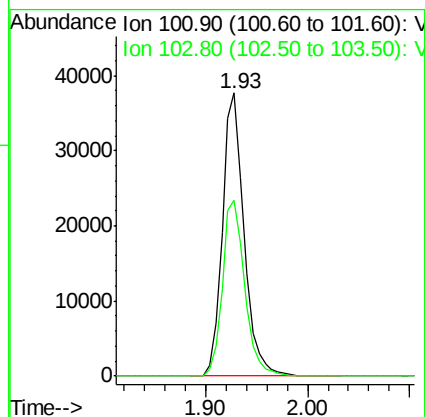
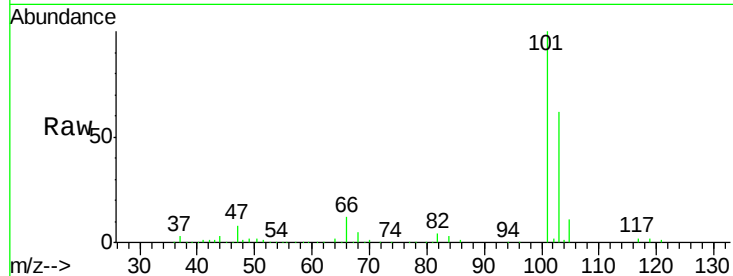


#7

Trichlorofluoromethane
Concen: 18.364 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

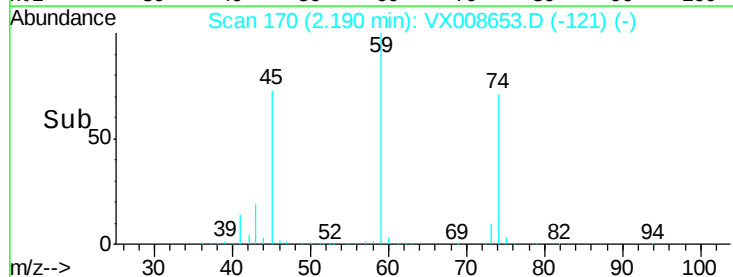
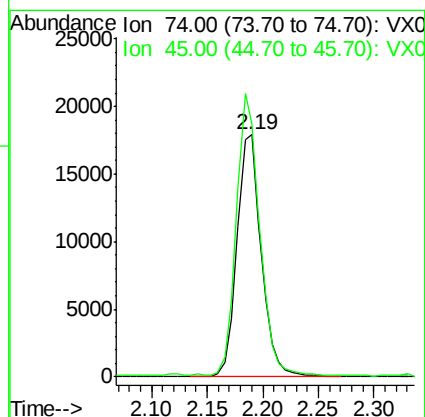
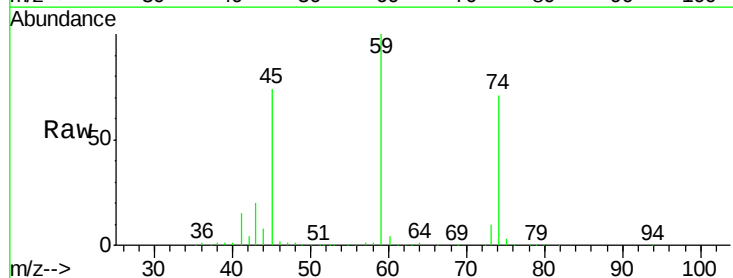
Tgt Ion: 101 Resp: 55855
Ion Ratio Lower Upper
101 100
103 62.3 52.3 78.5



#8

Diethyl Ether
Concen: 18.829 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 74 Resp: 27159
Ion Ratio Lower Upper
74 100
45 111.6 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.756 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

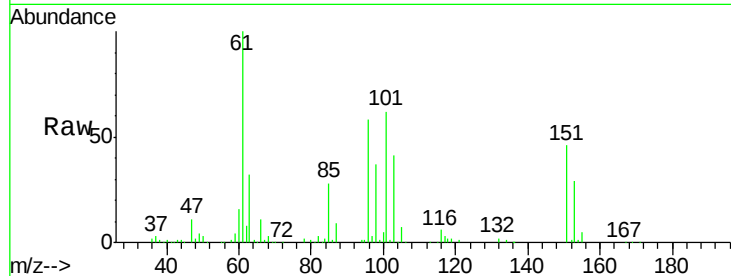
Tgt Ion:101 Resp: 34771

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

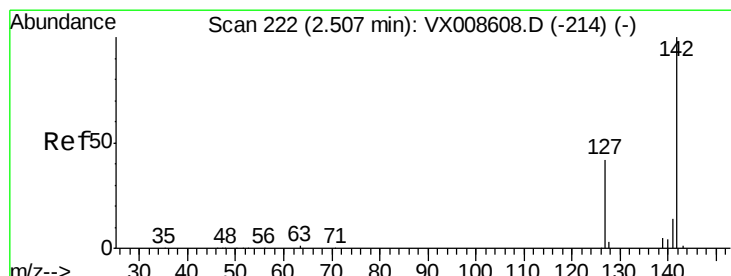
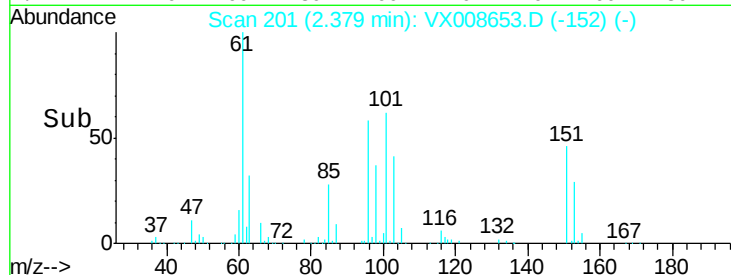
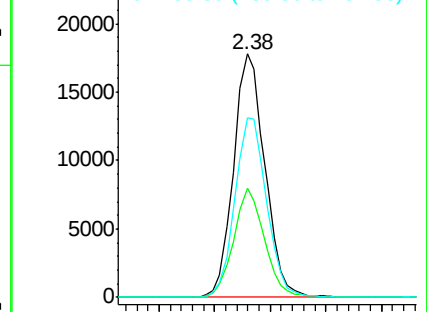
151 74.9 59.9 89.9



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: 14.891 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

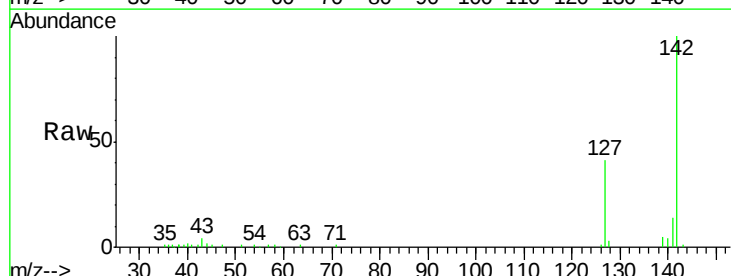
Tgt Ion:142 Resp: 21109

Ion Ratio Lower Upper

142 100

127 42.2 33.0 49.6

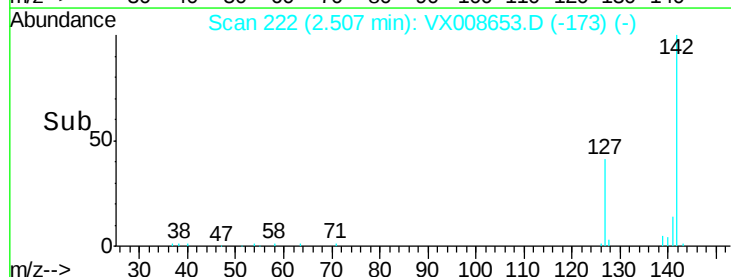
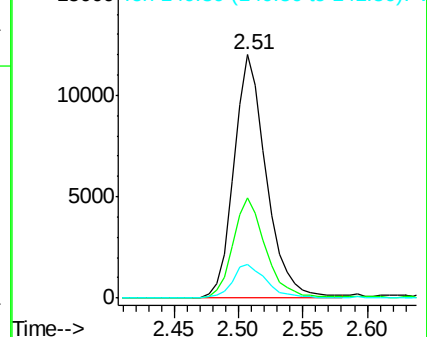
141 14.5 11.4 17.2

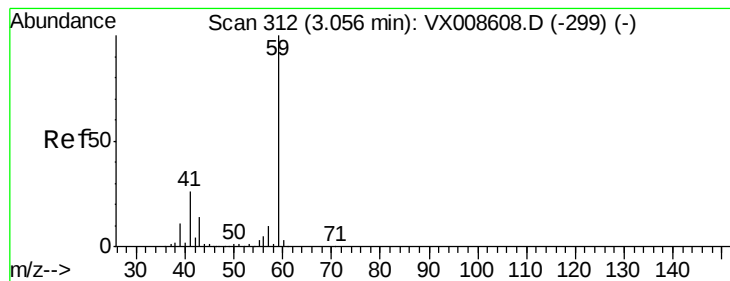


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



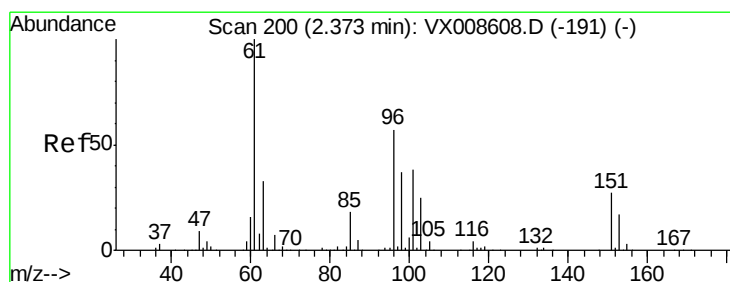
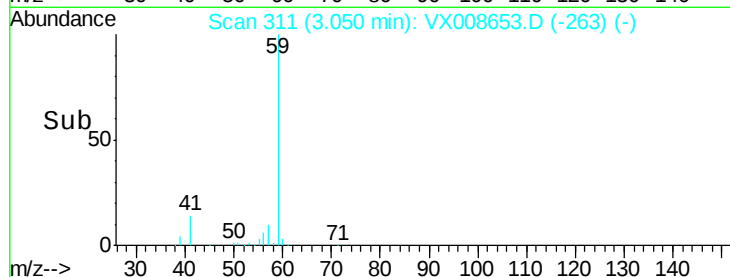
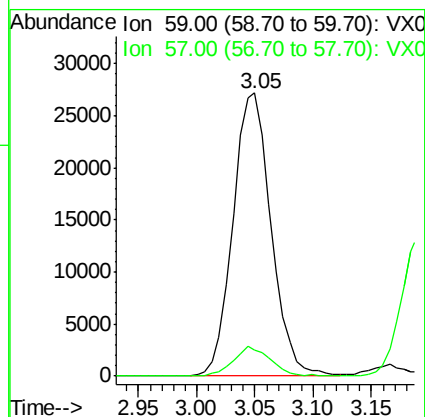
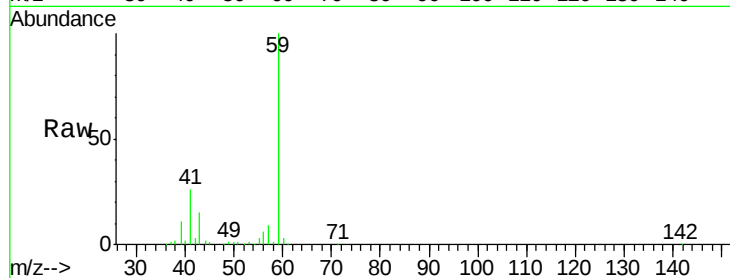


#11

Tert butyl alcohol
 Concen: 102.783 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

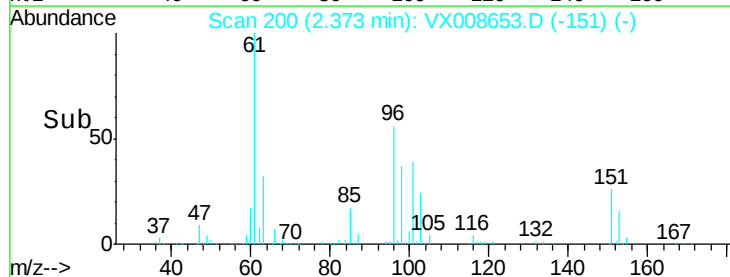
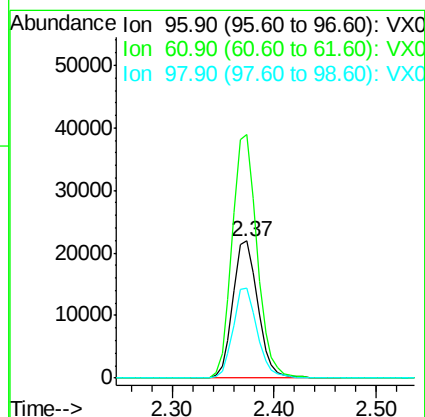
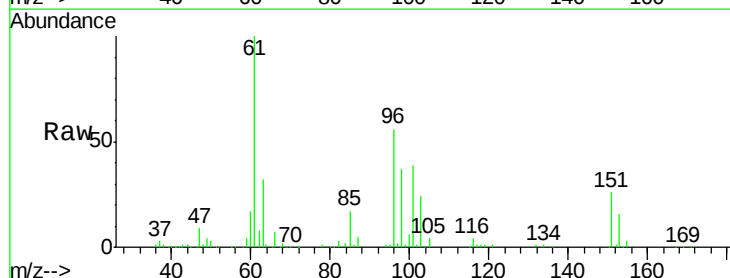
Tgt Ion: 59 Resp: 62061
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

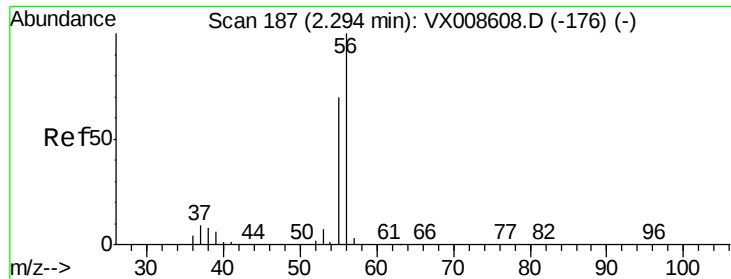


#12

1,1-Dichloroethene
 Concen: 18.175 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 96 Resp: 37155
 Ion Ratio Lower Upper
 96 100
 61 177.9 140.9 211.3
 98 65.5 52.1 78.1





#13

Acrolein

Concen: 68.924 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

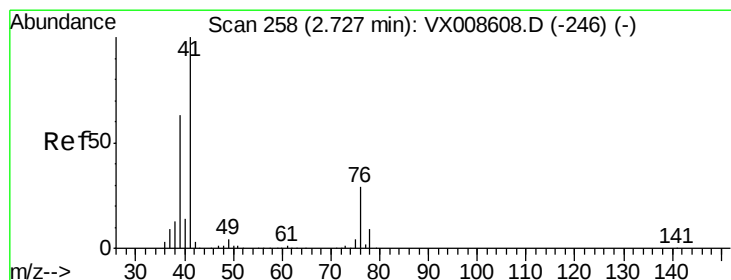
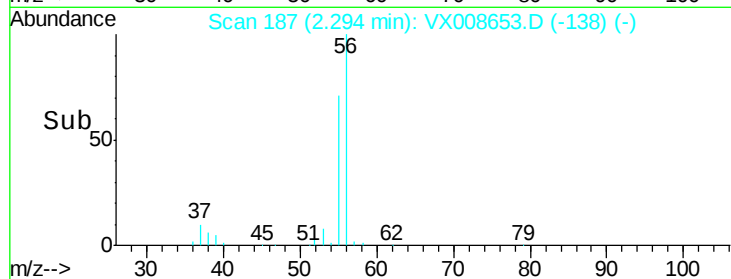
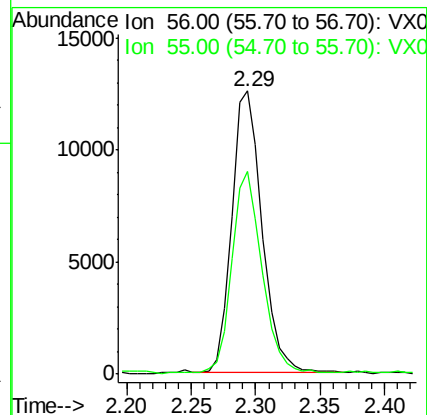
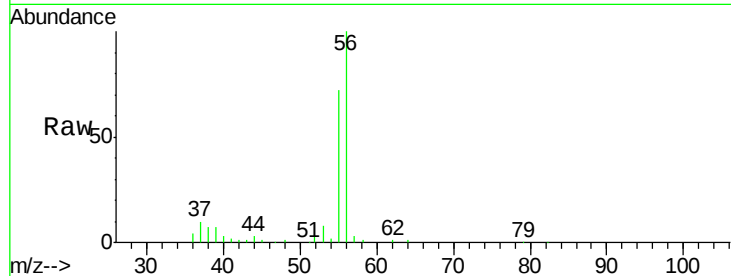
VX0404WBS02

Tgt Ion: 56 Resp: 20636

Ion Ratio Lower Upper

56 100

55 71.1 58.0 87.0



#14

Allyl chloride

Concen: 17.939 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

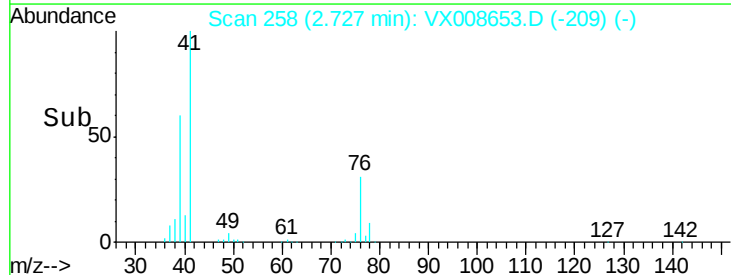
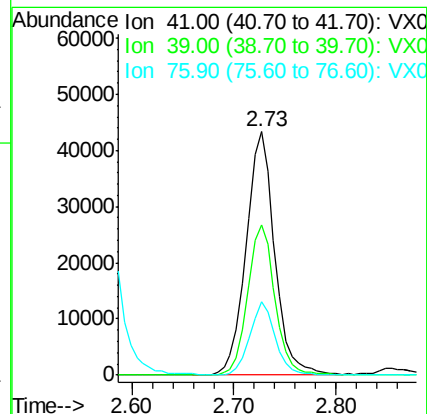
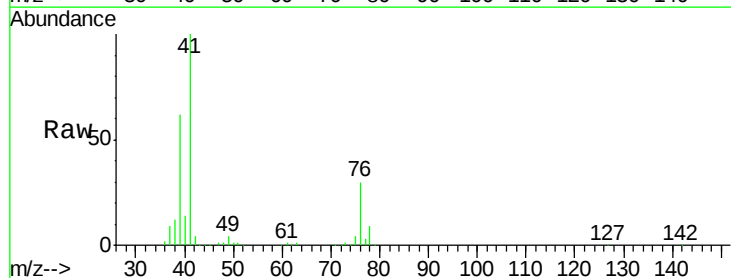
Tgt Ion: 41 Resp: 83954

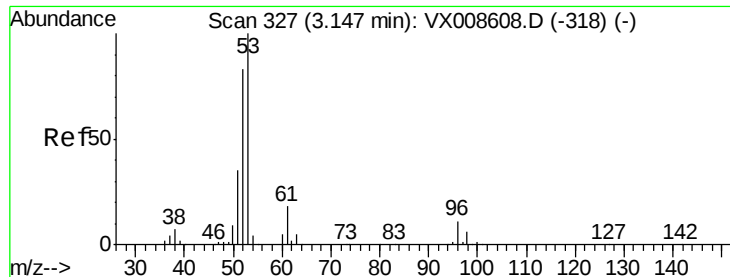
Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 94.350 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

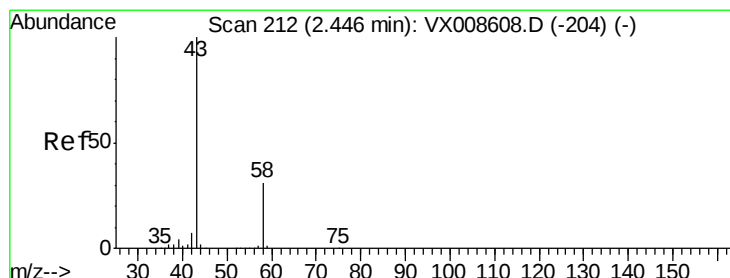
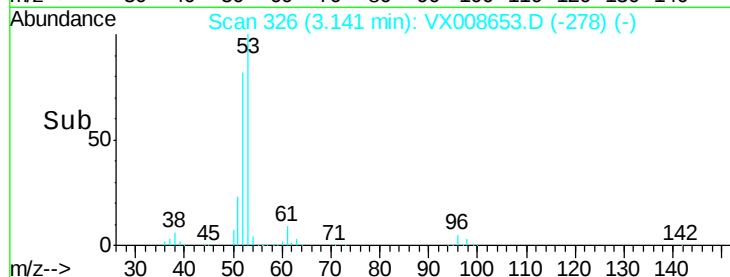
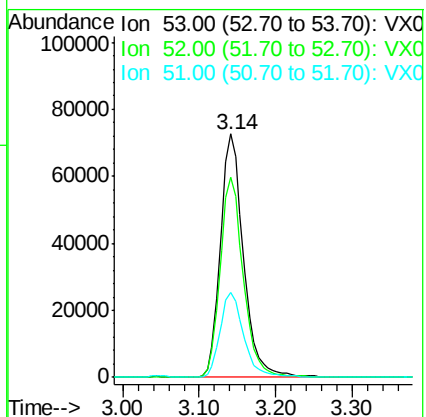
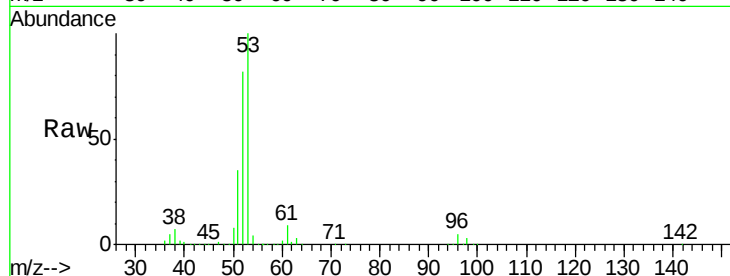
Tgt Ion: 53 Resp: 150922

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 36.3 28.6 42.8



#16

Acetone

Concen: 87.044 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008653.D

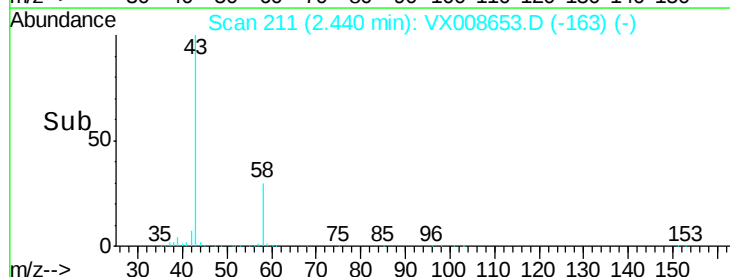
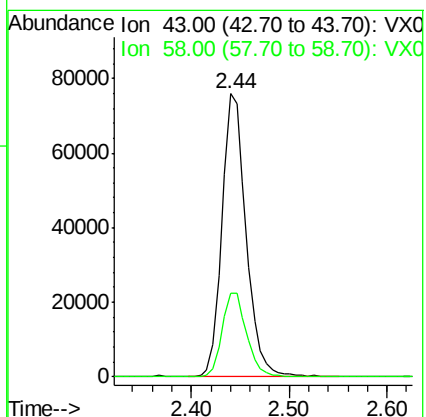
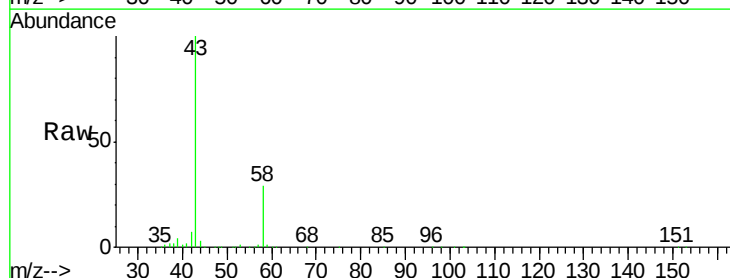
Acq: 04 Apr 2019 22:43

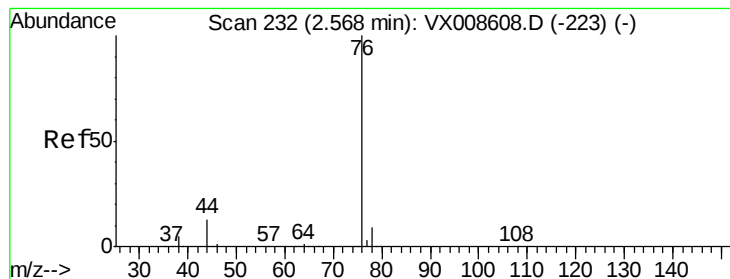
Tgt Ion: 43 Resp: 129304

Ion Ratio Lower Upper

43 100

58 29.4 24.8 37.2





#17

Carbon Disulfide

Concen: 17.689 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

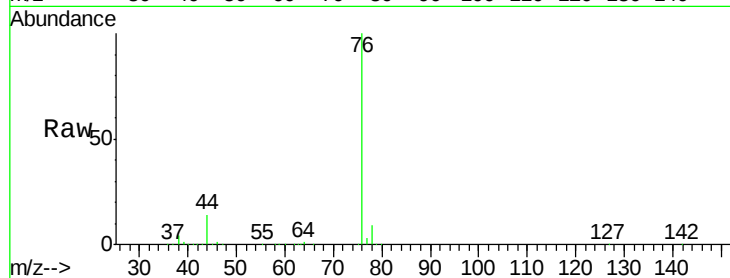
VX0404WBS02

Tgt Ion: 76 Resp: 107246

Ion Ratio Lower Upper

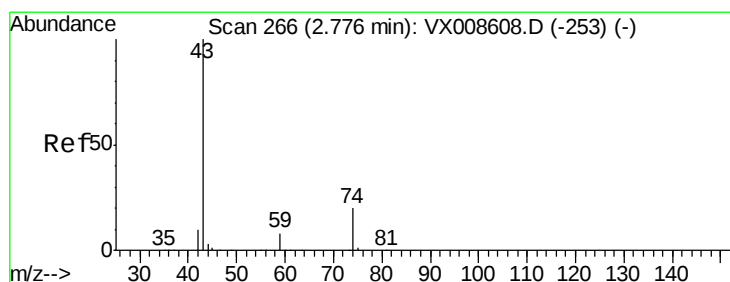
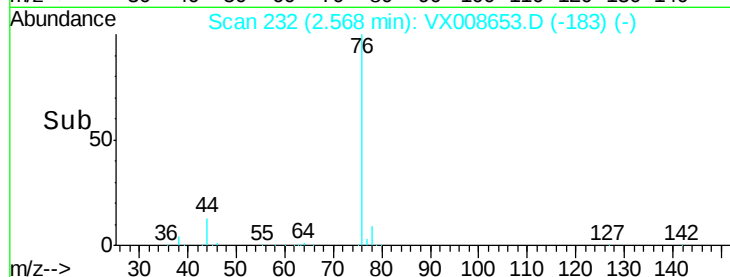
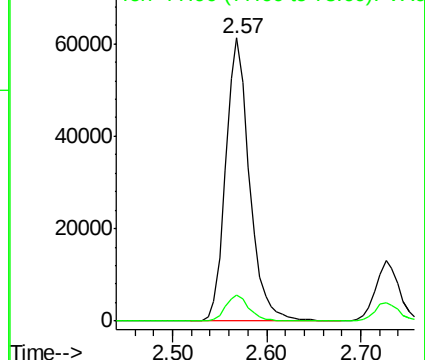
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.434 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008653.D

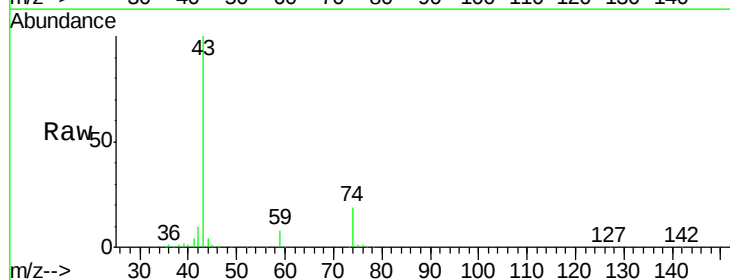
Acq: 04 Apr 2019 22:43

Tgt Ion: 43 Resp: 66415

Ion Ratio Lower Upper

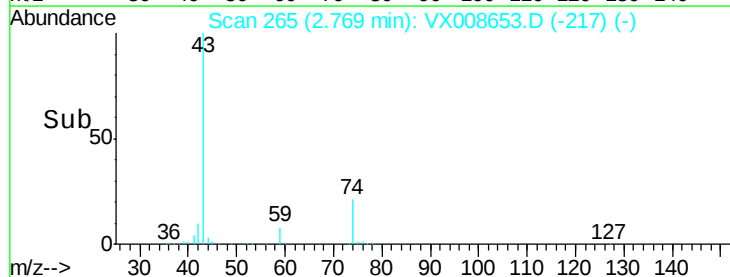
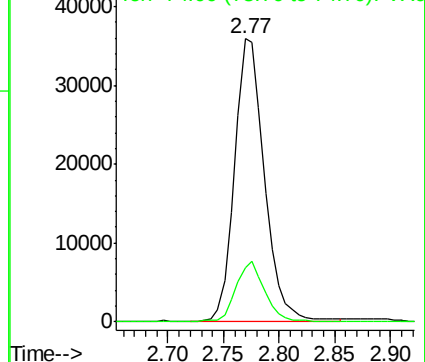
43 100

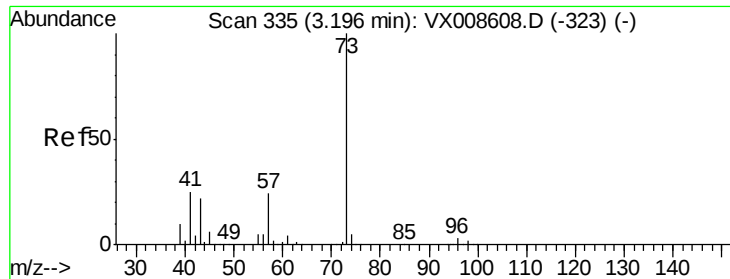
74 21.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

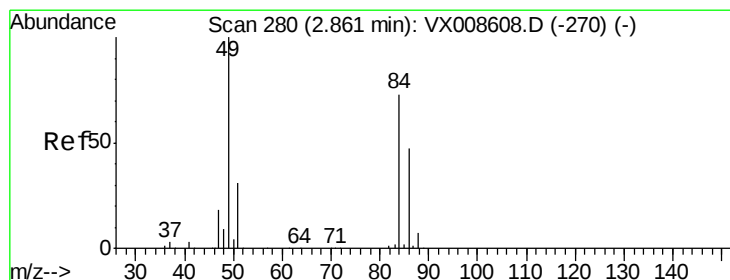
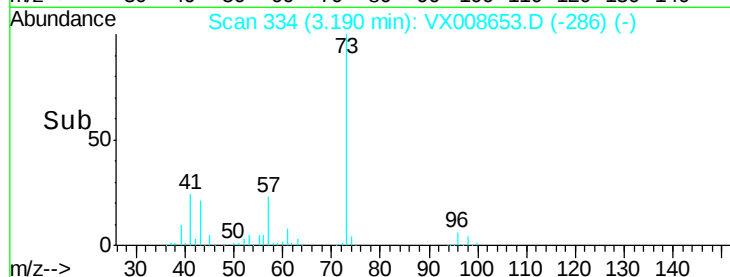
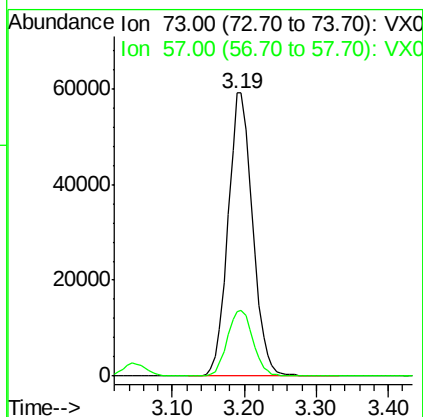
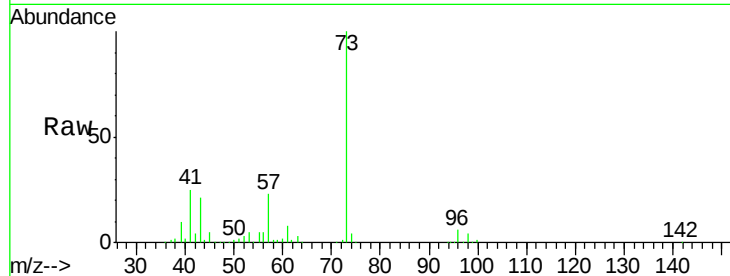




#19
Methyl tert-butyl Ether
Concen: 19.228 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

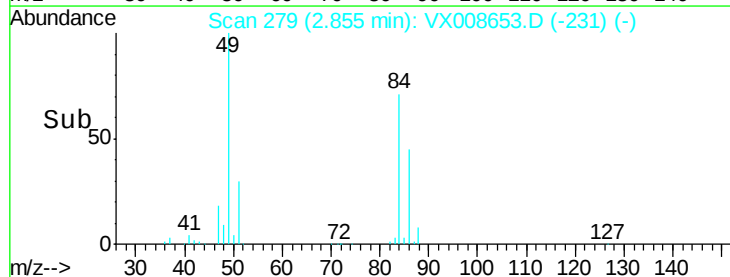
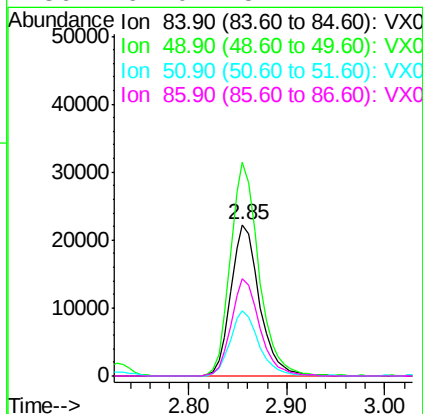
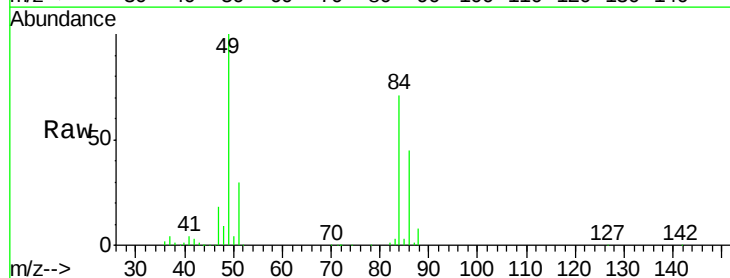
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

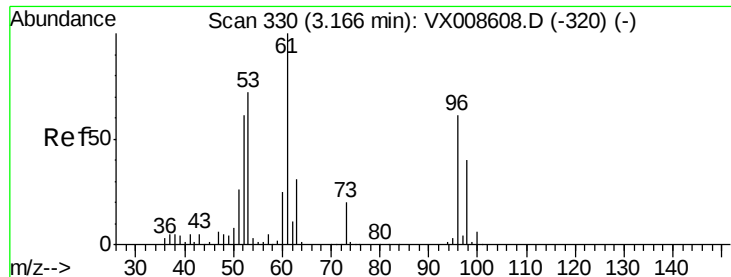
Tgt Ion: 73 Resp: 140374
Ion Ratio Lower Upper
73 100
57 23.0 19.5 29.3



#20
Methylene Chloride
Concen: 18.234 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 84 Resp: 45340
Ion Ratio Lower Upper
84 100
49 140.9 109.7 164.5
51 42.9 33.6 50.4
86 64.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.930 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

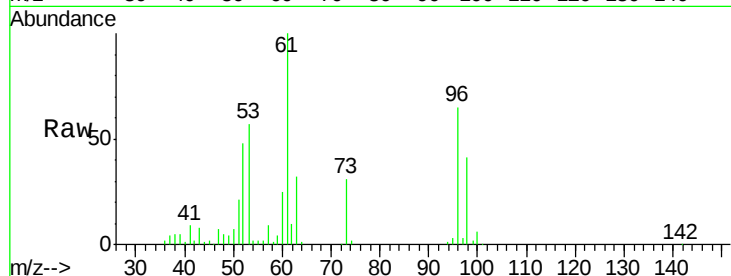
Tgt Ion: 96 Resp: 39648

Ion Ratio Lower Upper

96 100

61 153.1 132.1 198.1

98 63.5 52.2 78.2

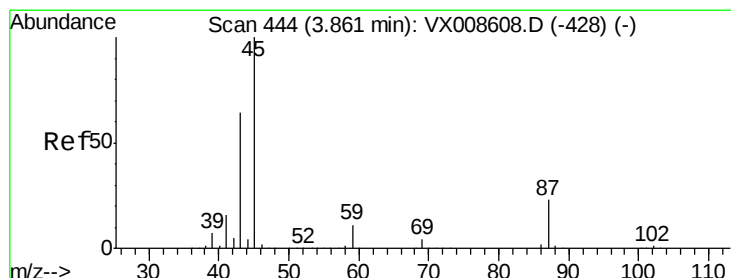
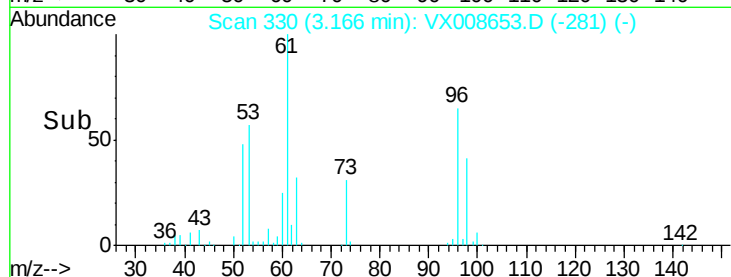
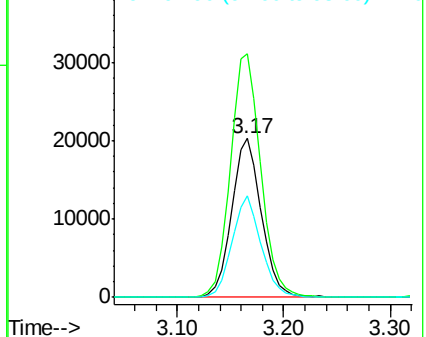


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.875 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion: 45 Resp: 170254

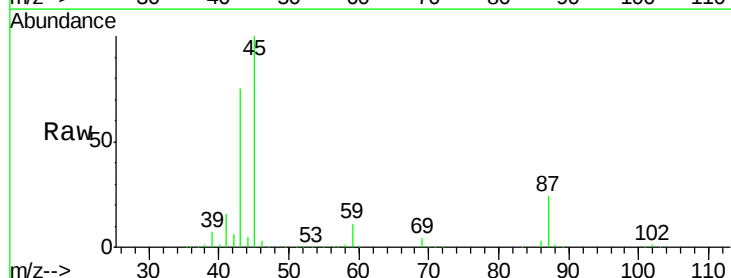
Ion Ratio Lower Upper

45 100

43 74.6 51.3 76.9

87 23.6 18.1 27.1

59 11.1 8.6 13.0



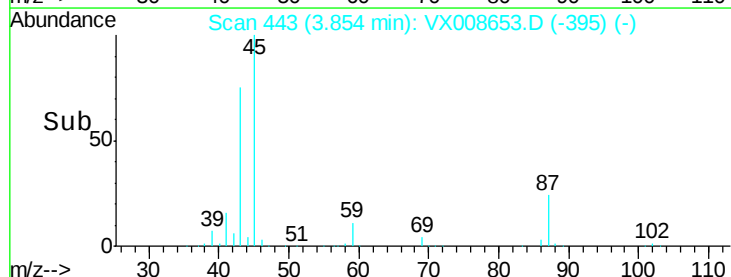
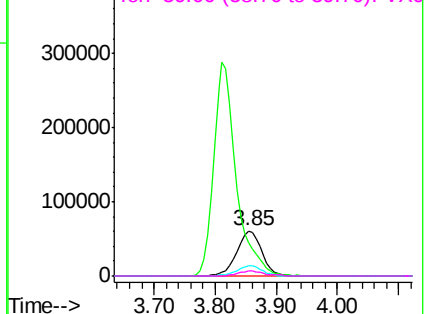
Abundance

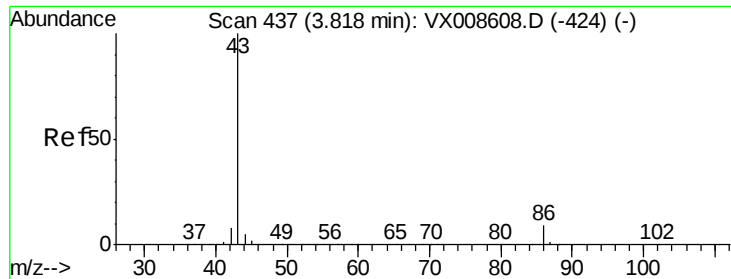
Ion 45.00 (44.70 to 45.70): VX0

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: 95.197 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

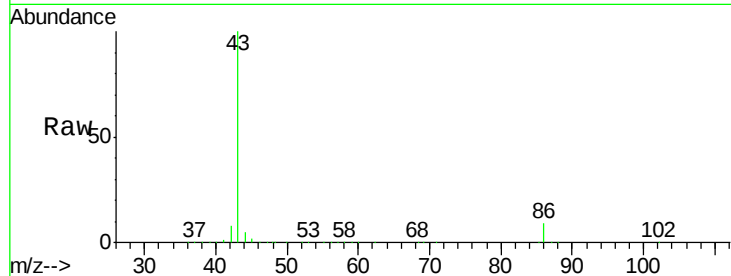
VX0404WBS02

Tgt Ion: 43 Resp: 746998

Ion Ratio Lower Upper

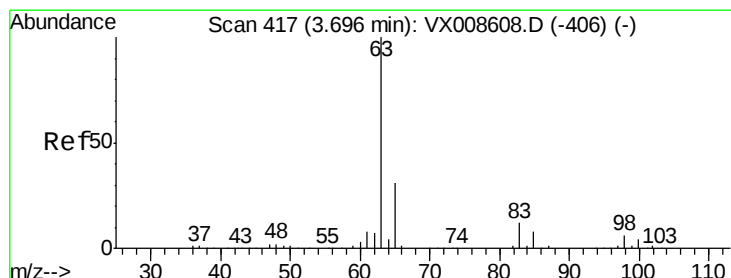
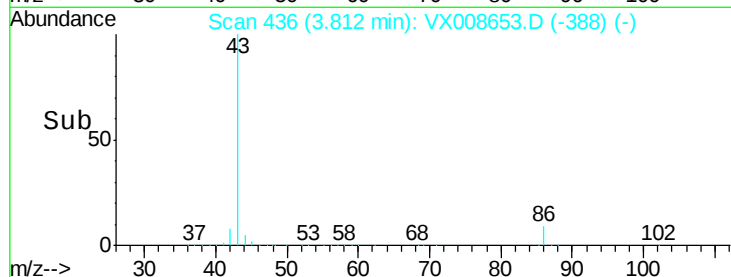
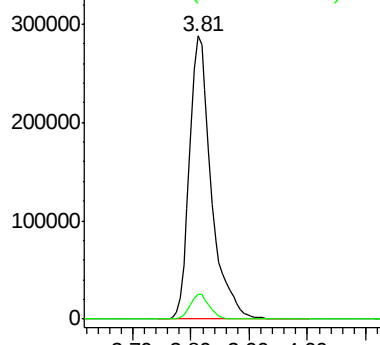
43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.537 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

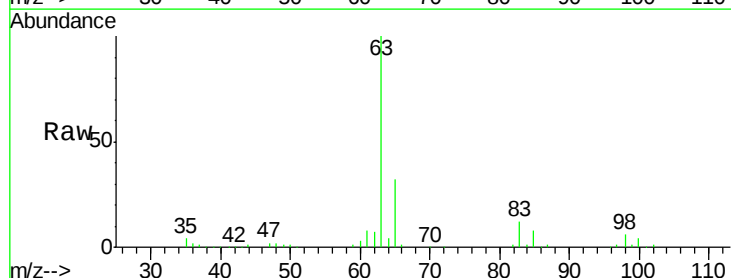
Tgt Ion: 63 Resp: 82787

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

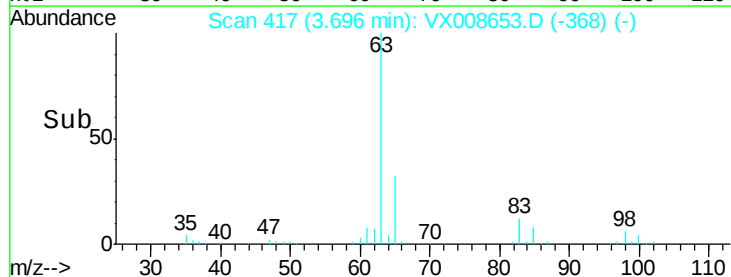
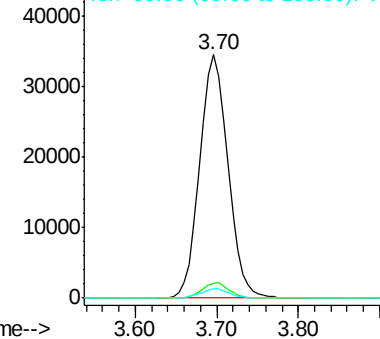
100 3.9 1.8 5.5

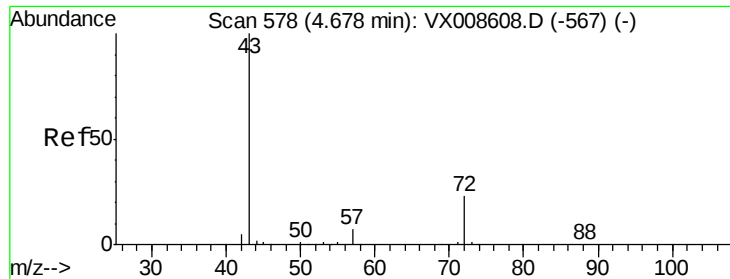


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.468 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

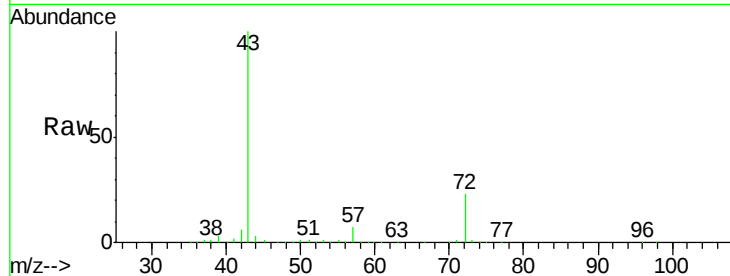
VX0404WBS02

Tgt Ion: 43 Resp: 221801

Ion Ratio Lower Upper

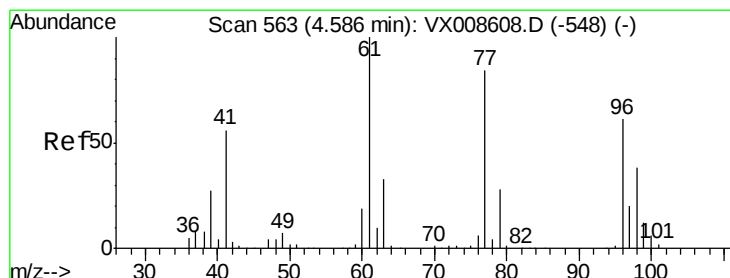
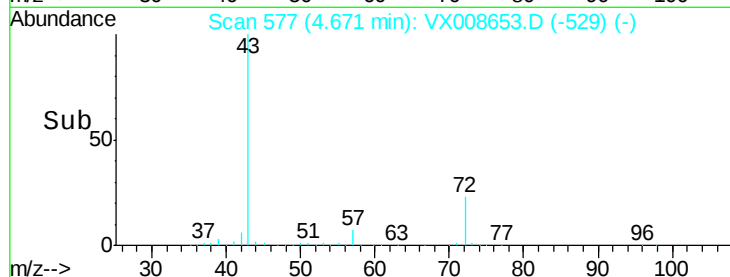
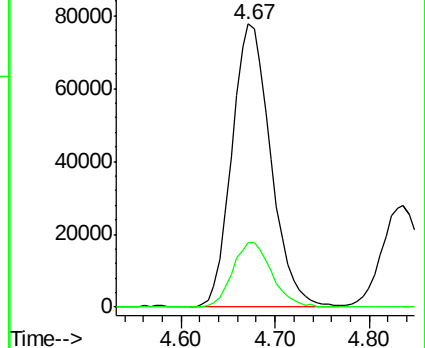
43 100

72 22.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.094 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008653.D

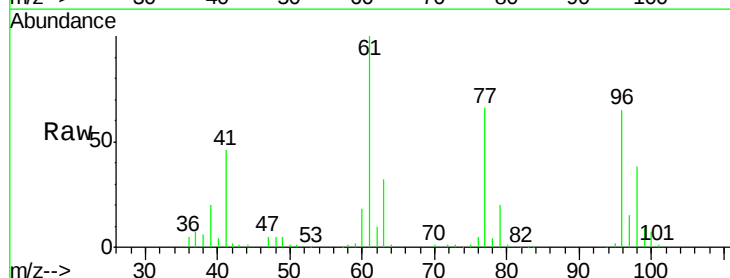
Acq: 04 Apr 2019 22:43

Tgt Ion: 77 Resp: 47477

Ion Ratio Lower Upper

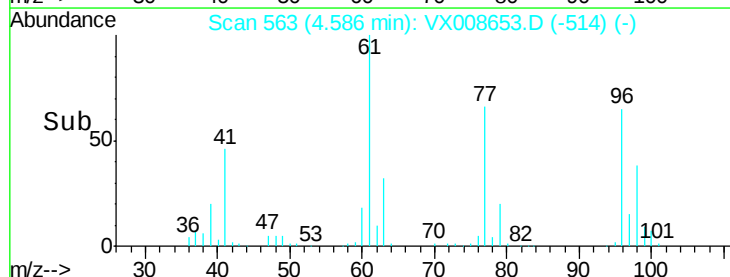
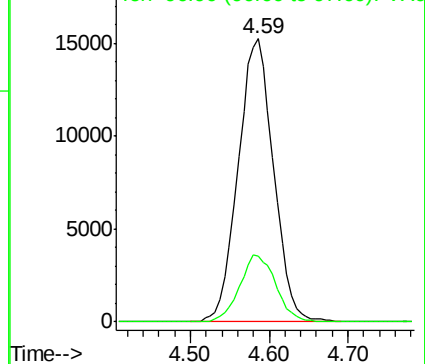
77 100

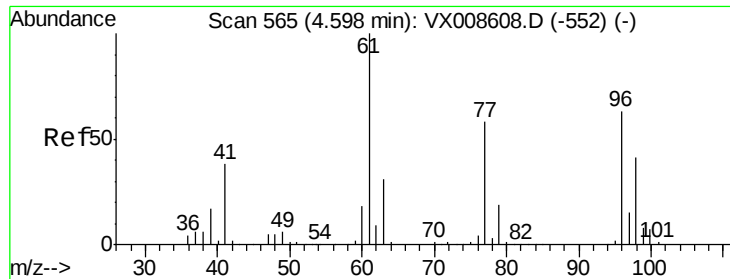
97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



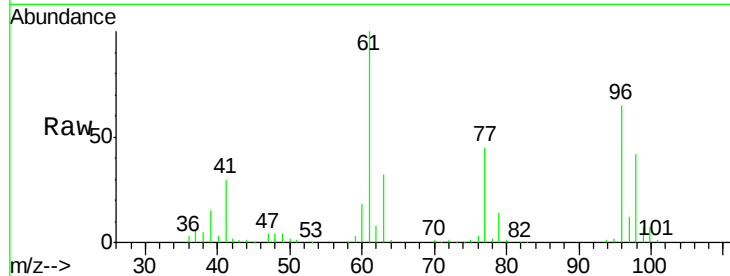


#27

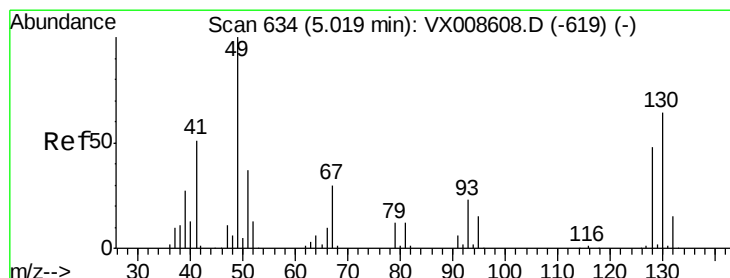
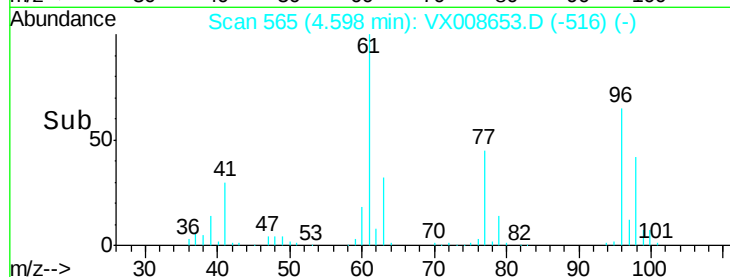
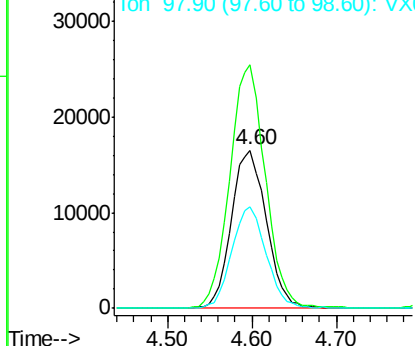
cis-1,2-Dichloroethene
 Concen: 18.304 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tgt Ion: 96 Resp: 46533
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 327.6
 98 63.3 0.0 128.6



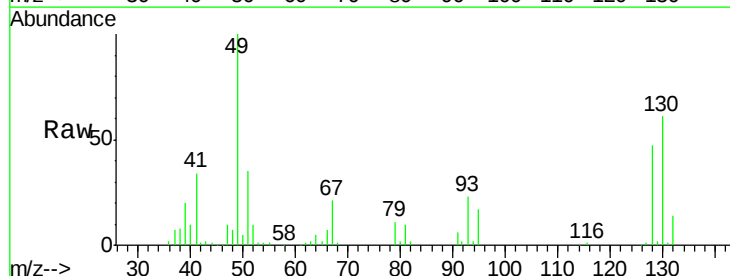
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



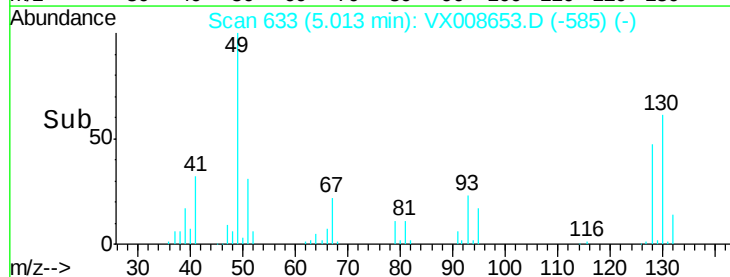
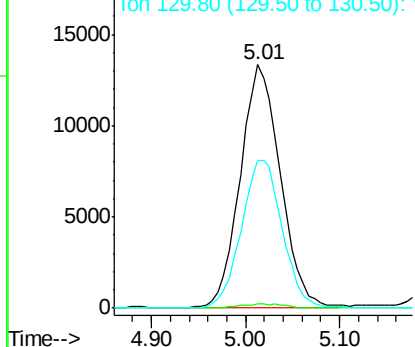
#28

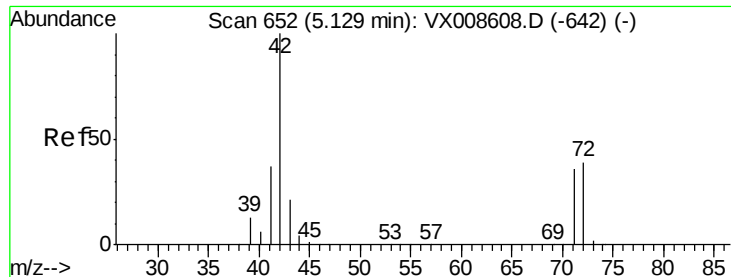
Bromochloromethane
 Concen: 19.538 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 49 Resp: 39888
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 61.7 49.3 73.9



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

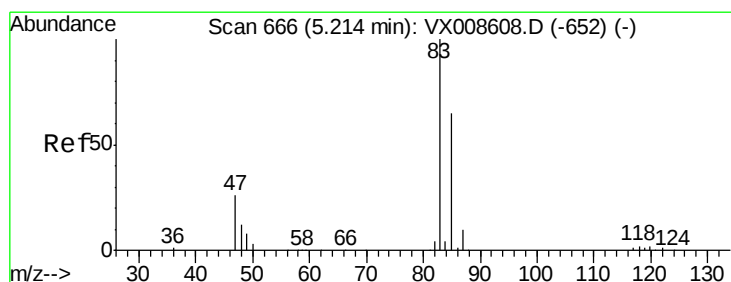
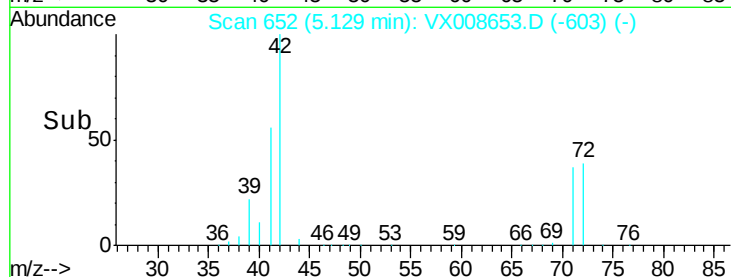
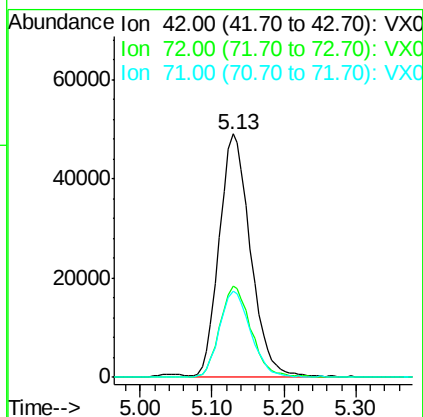
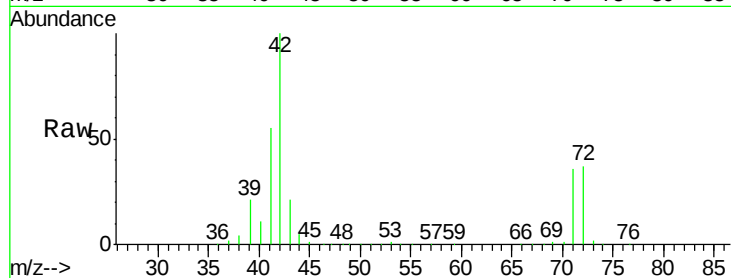




#29
Tetrahydrofuran
Concen: 94.541 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

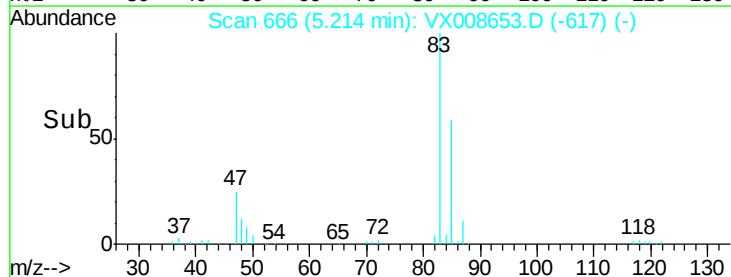
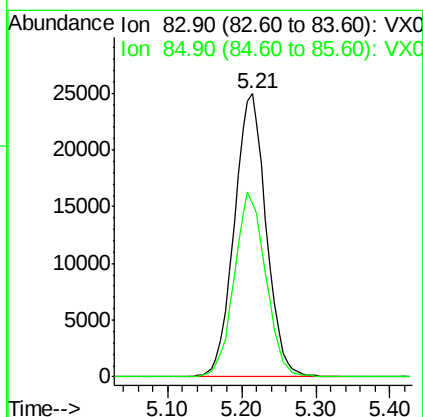
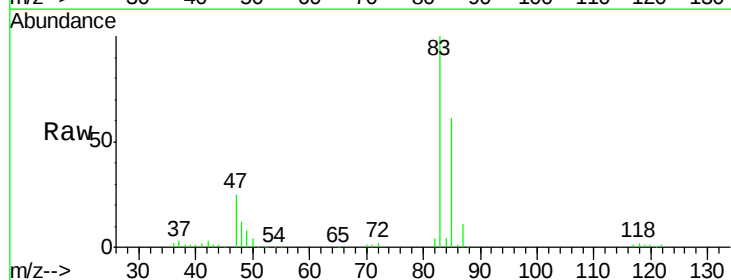
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

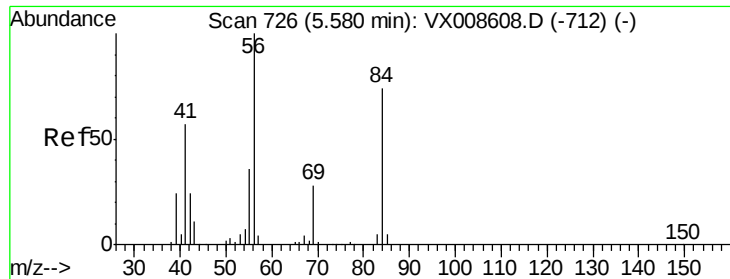
Tgt Ion: 42 Resp: 147328
Ion Ratio Lower Upper
42 100
72 38.1 30.5 45.7
71 36.0 28.6 43.0



#30
Chloroform
Concen: 18.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 83 Resp: 74714
Ion Ratio Lower Upper
83 100
85 61.2 52.1 78.1

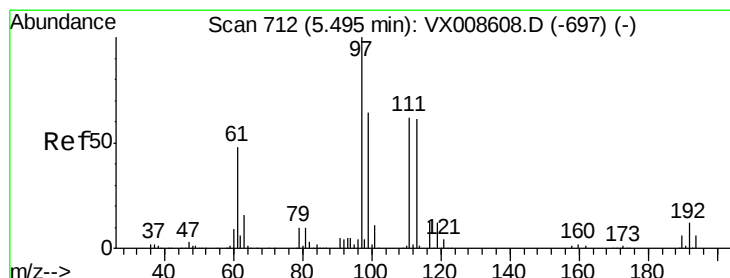
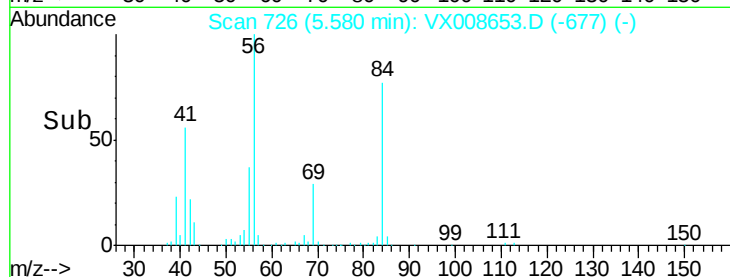
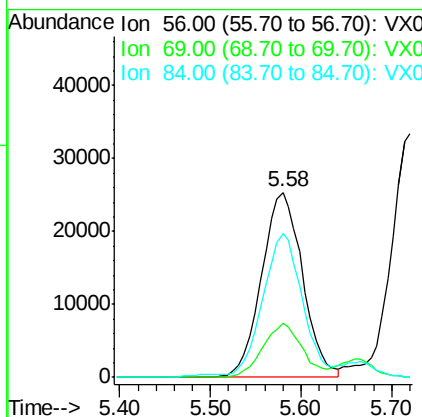
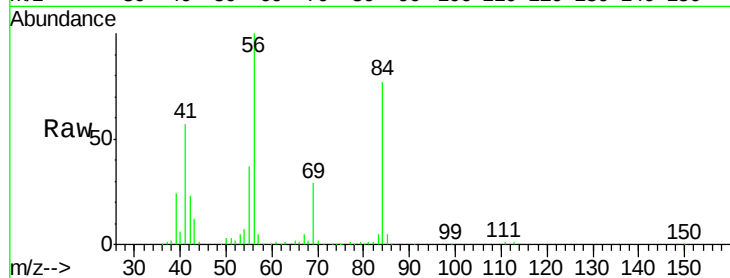




#31
Cyclohexane
Concen: 17.744 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

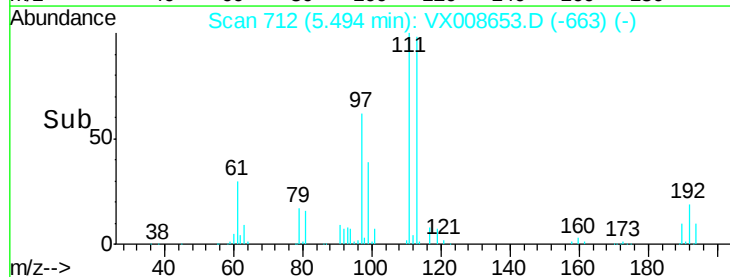
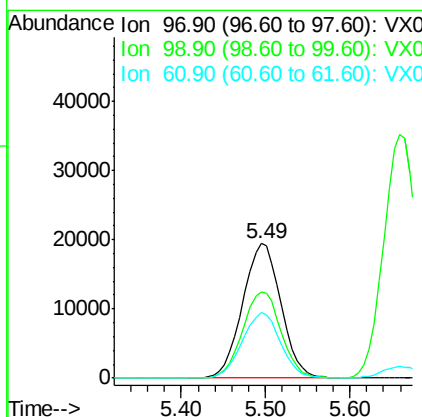
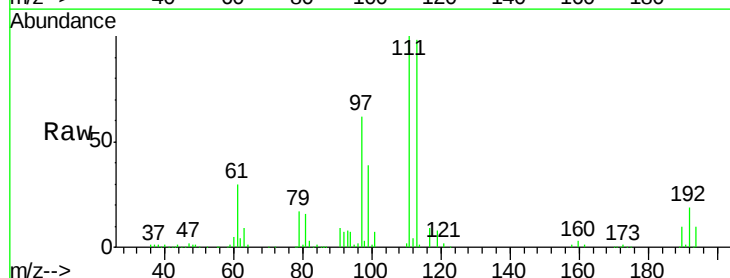
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

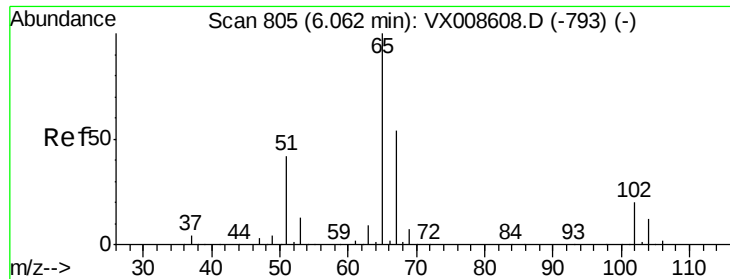
Tgt Ion: 56 Resp: 79072
Ion Ratio Lower Upper
56 100
69 29.3 22.6 33.8
84 76.5 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.589 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 97 Resp: 59918
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 49.1 38.9 58.3

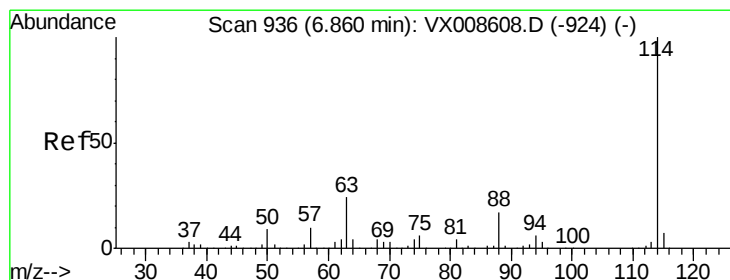
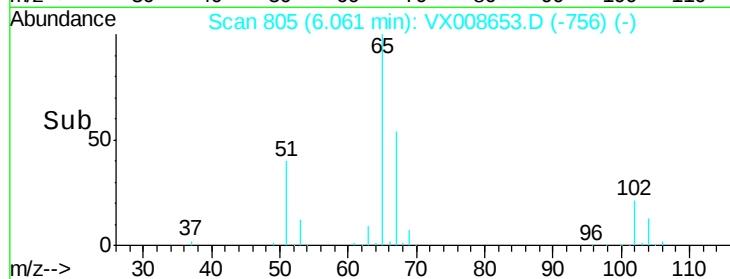
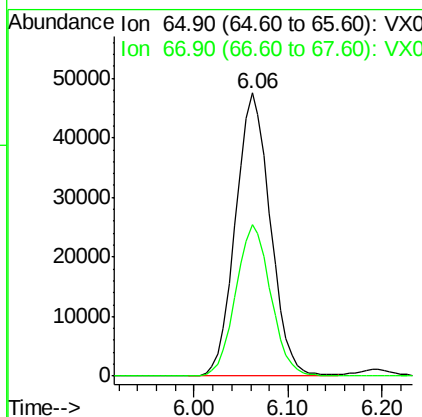
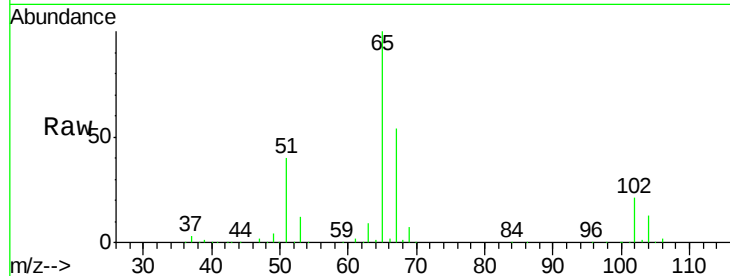




#33
 1,2-Dichloroethane-d4
 Concen: 47.348 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

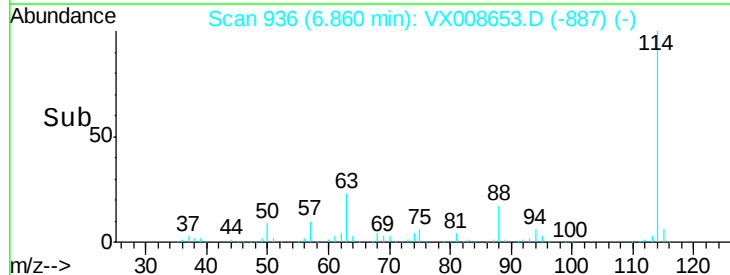
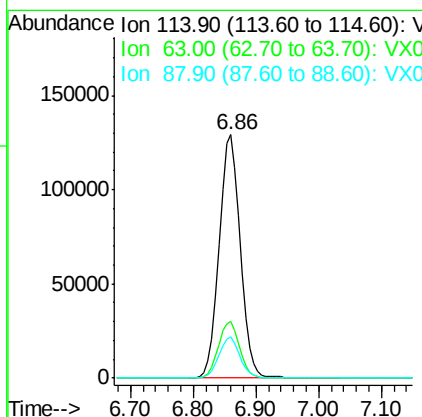
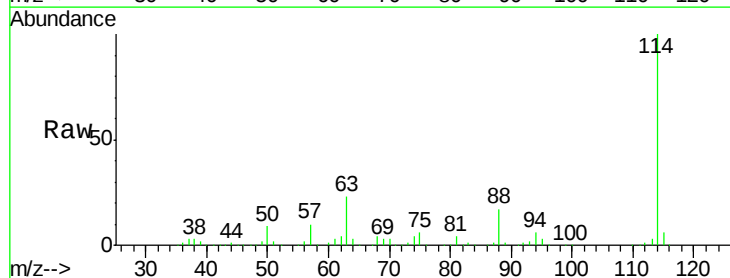
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

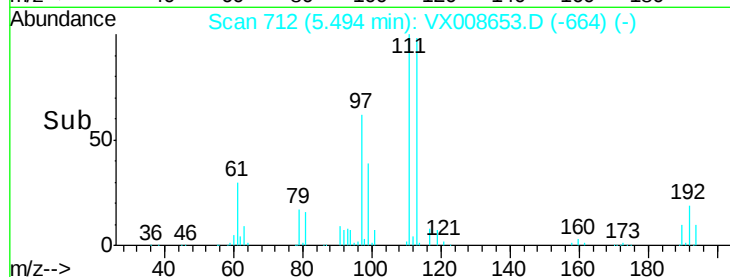
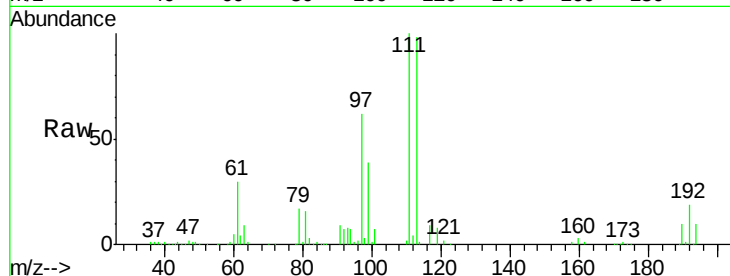
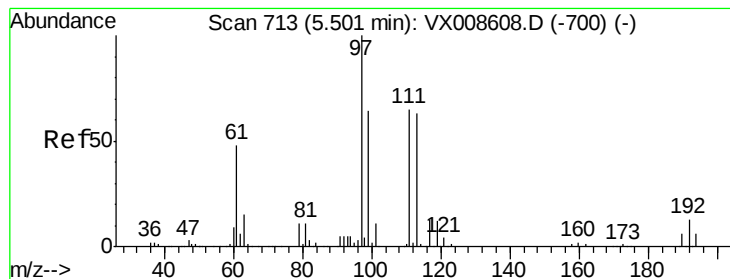
Tgt Ion: 65 Resp: 122117
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 114 Resp: 302205
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.138 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

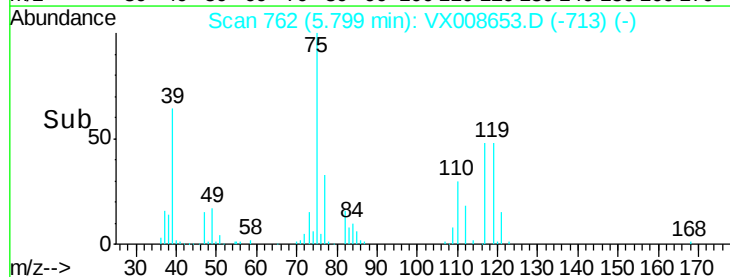
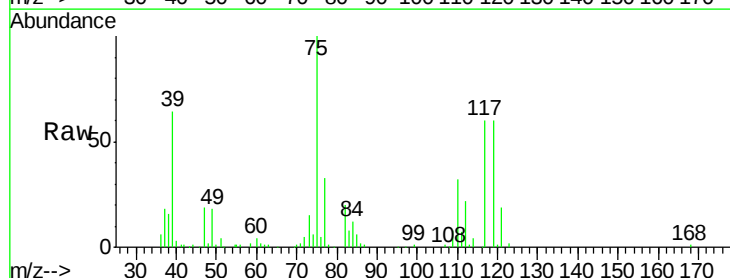
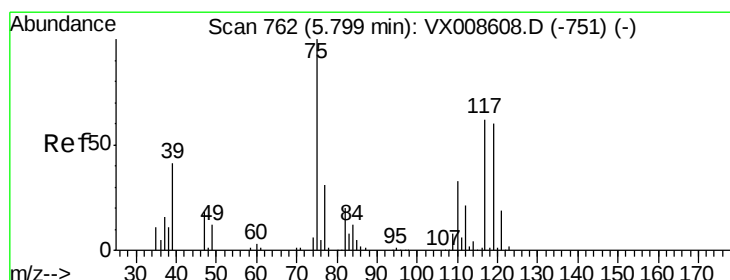
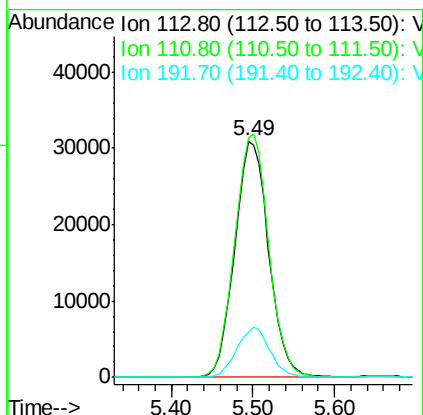
Tgt Ion:113 Resp: 89147

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 20.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 17.082 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

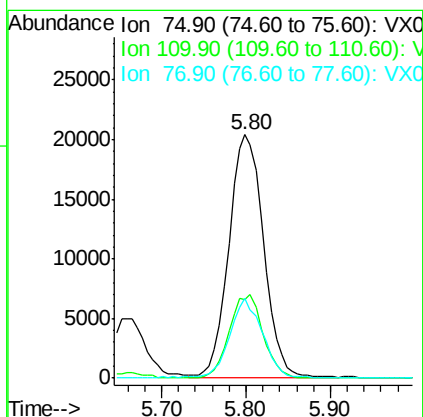
Tgt Ion: 75 Resp: 56428

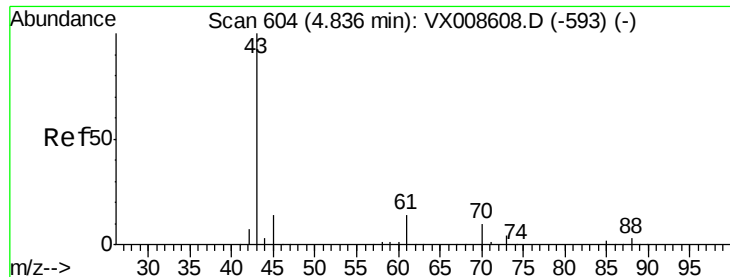
Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.2

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 18.900 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS02

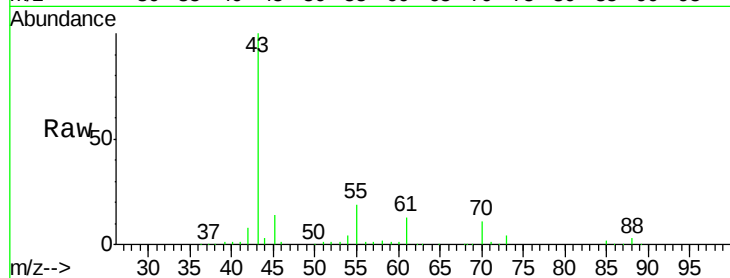
Tgt Ion: 43 Resp: 83338

Ion Ratio Lower Upper

43 100

61 13.1 10.3 15.5

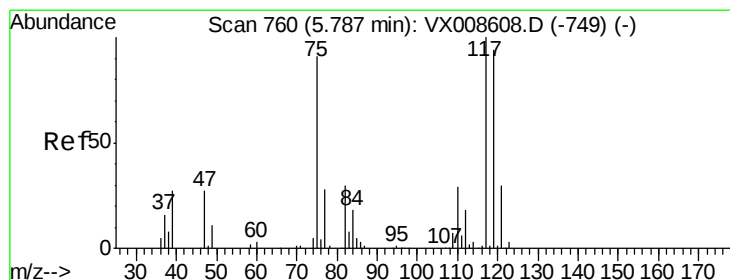
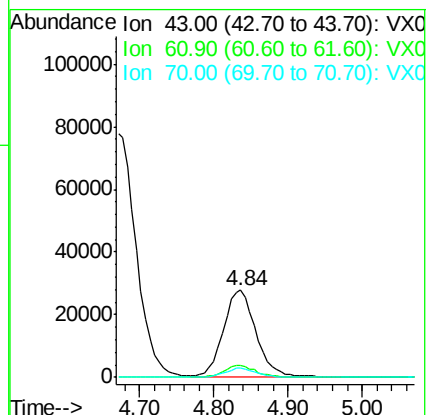
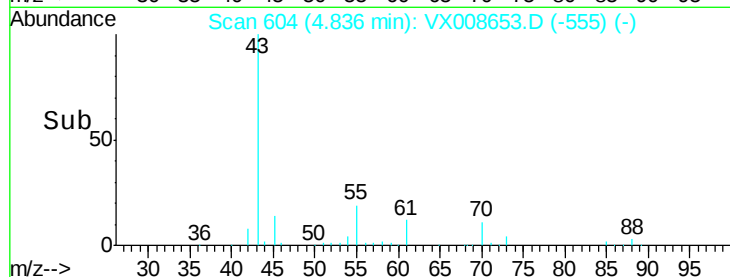
70 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.894 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

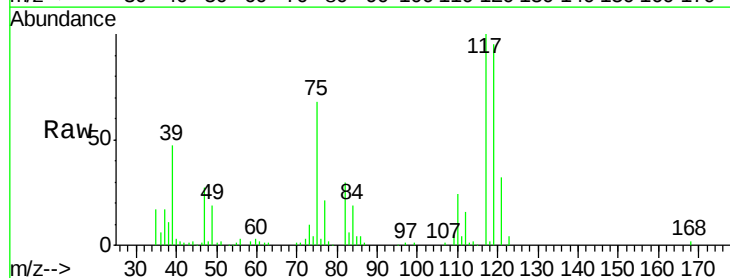
Tgt Ion: 117 Resp: 48925

Ion Ratio Lower Upper

117 100

119 95.1 75.0 112.6

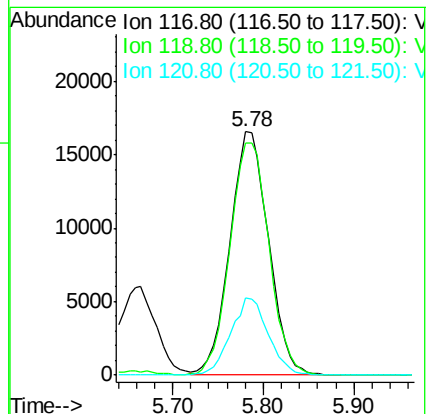
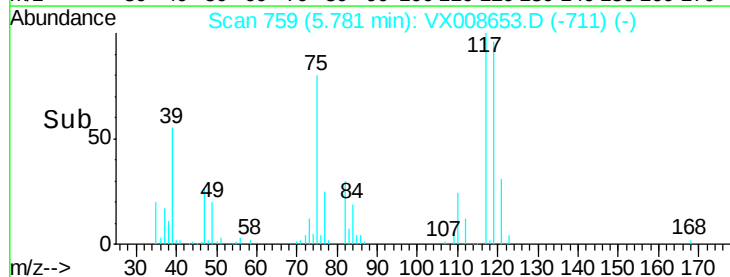
121 31.6 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

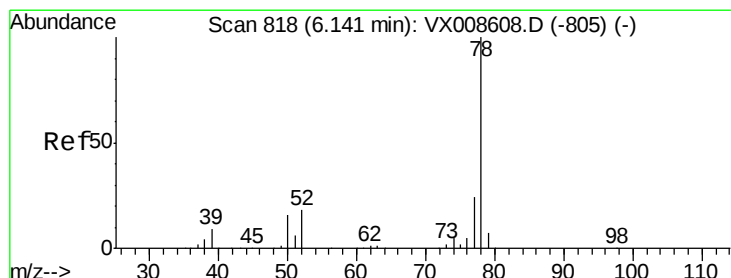
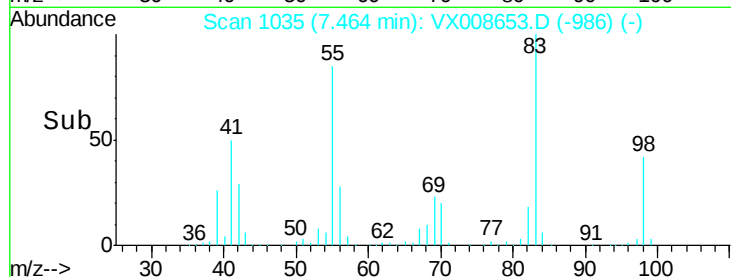
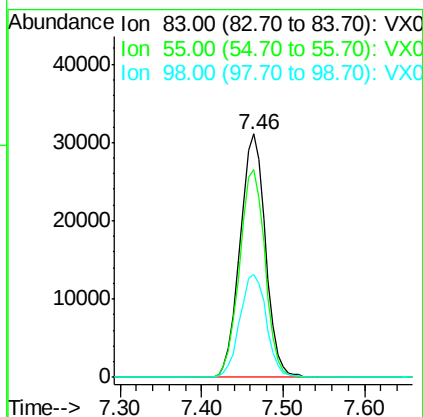
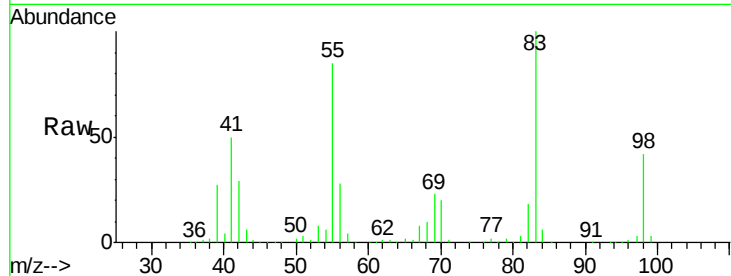




#39
Methylcyclohexane
Concen: 16.467 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

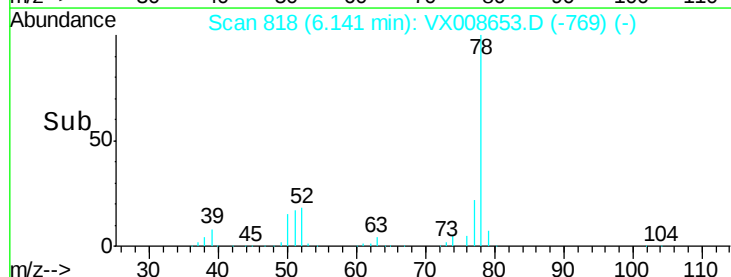
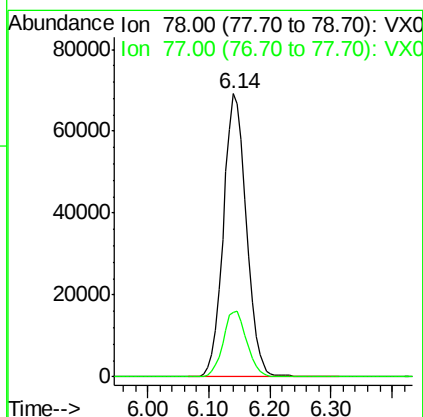
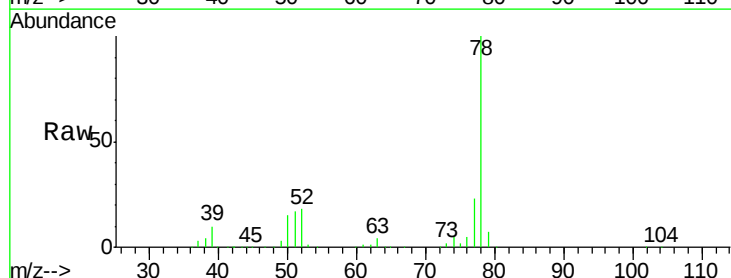
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tgt Ion: 83 Resp: 67197
Ion Ratio Lower Upper
83 100
55 85.4 69.0 103.6
98 42.3 34.4 51.6



#40
Benzene
Concen: 18.399 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 78 Resp: 181073
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7





#41

Methacrylonitrile

Concen: 18.005 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tgt Ion: 41 Resp: 45634

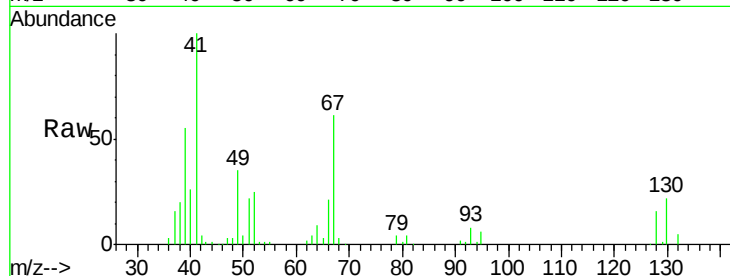
Ion Ratio Lower Upper

41 100

39 54.6 42.1 63.1

67 65.3 51.0 76.6

52 26.3 21.4 32.0

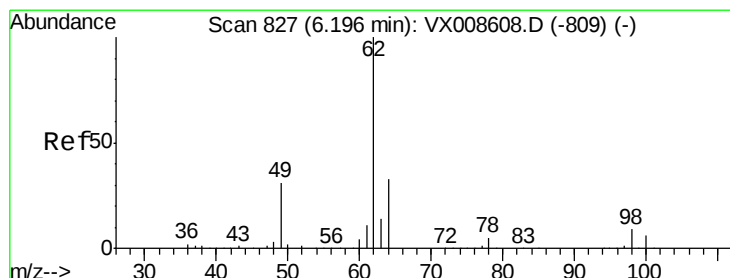
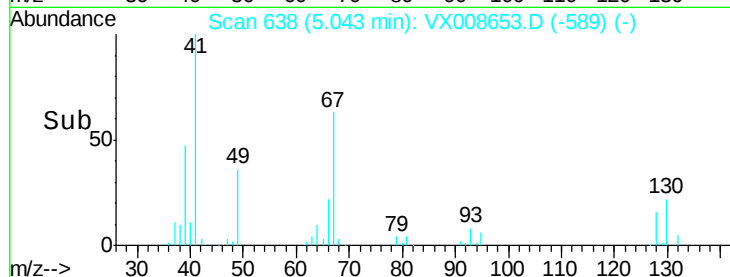
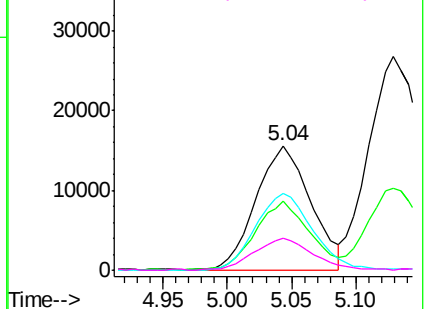


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.698 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008653.D

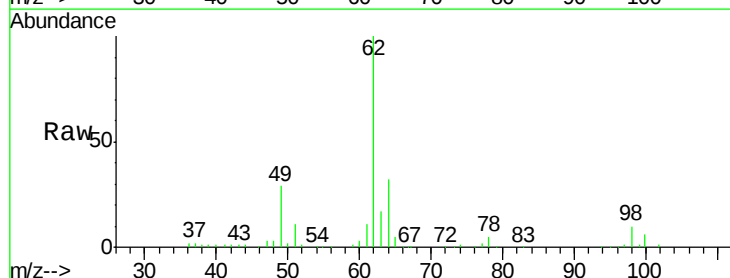
Acq: 04 Apr 2019 22:43

Tgt Ion: 62 Resp: 62439

Ion Ratio Lower Upper

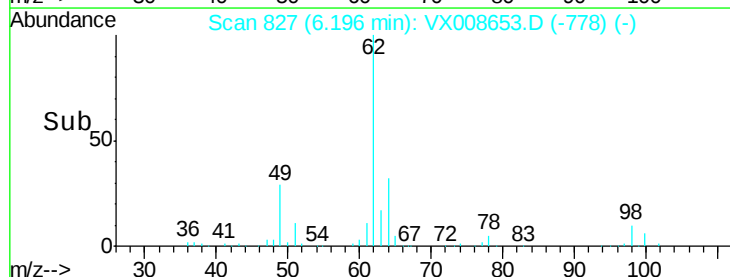
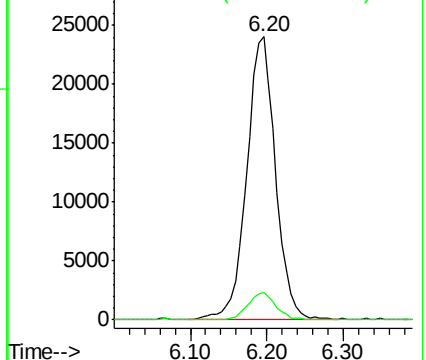
62 100

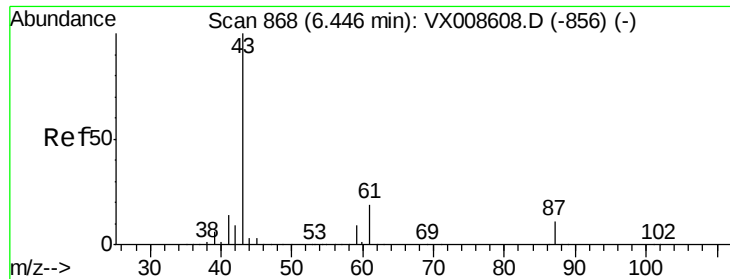
98 9.3 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.614 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

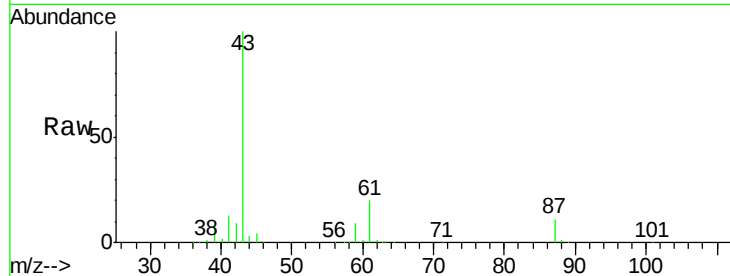
Tgt Ion: 43 Resp: 128575

Ion Ratio Lower Upper

43 100

61 19.6 15.3 22.9

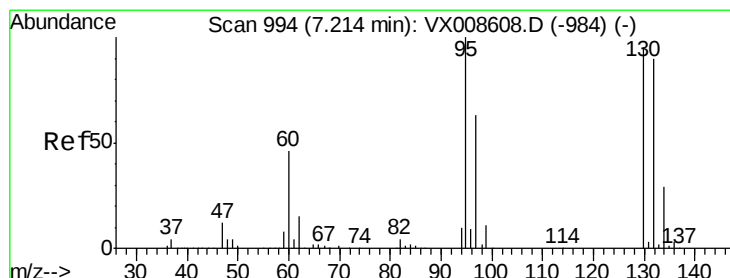
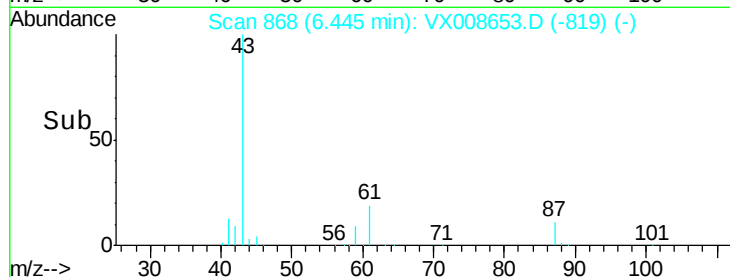
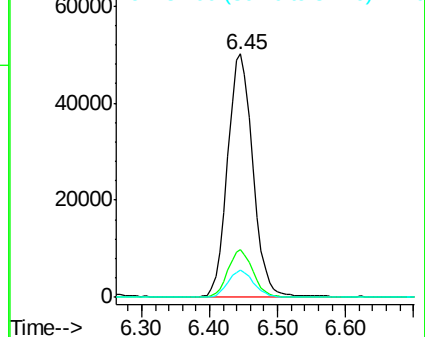
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.875 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008653.D

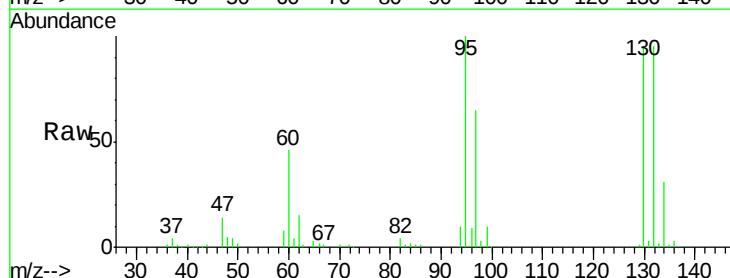
Acq: 04 Apr 2019 22:43

Tgt Ion: 130 Resp: 40972

Ion Ratio Lower Upper

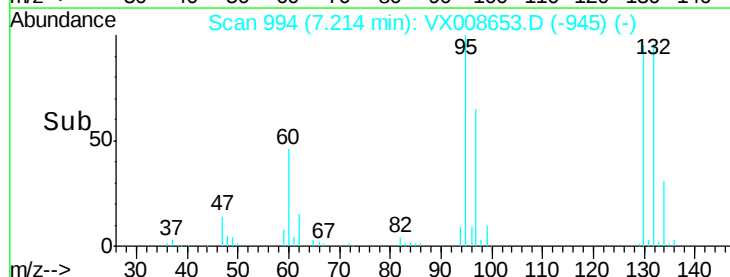
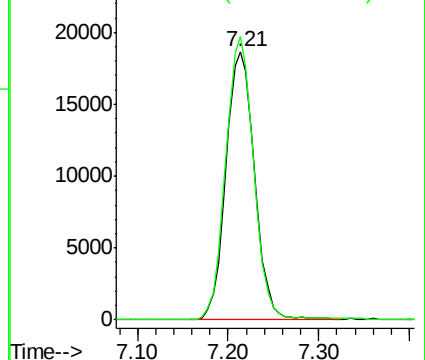
130 100

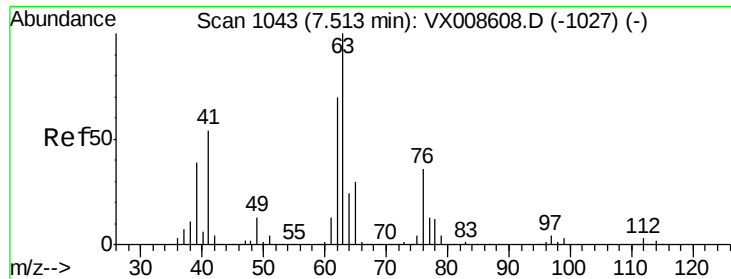
95 105.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.183 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

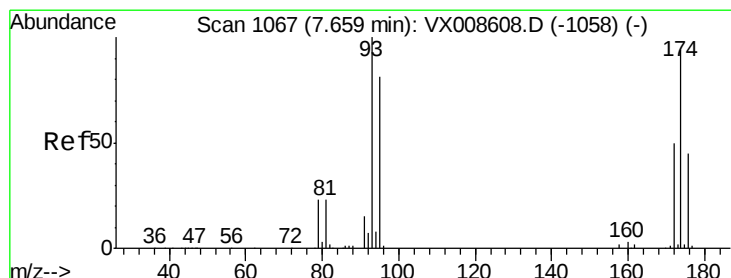
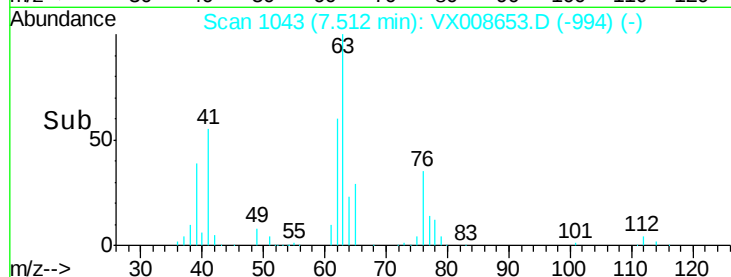
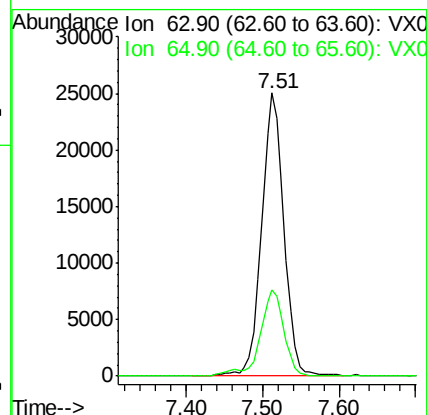
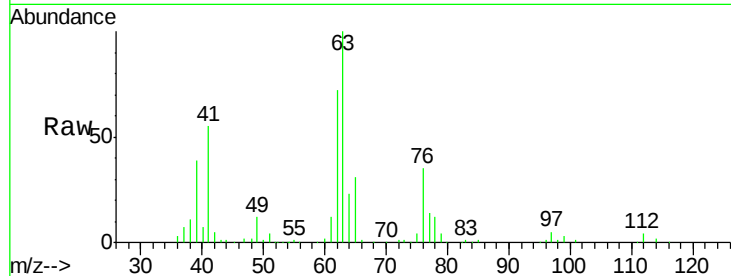
VX0404WBS02

Tgt Ion: 63 Resp: 51074

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#46

Dibromomethane

Concen: 17.621 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

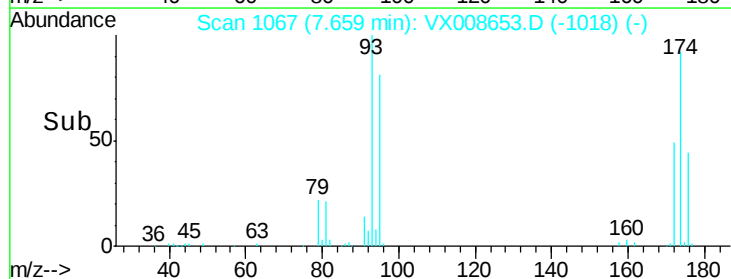
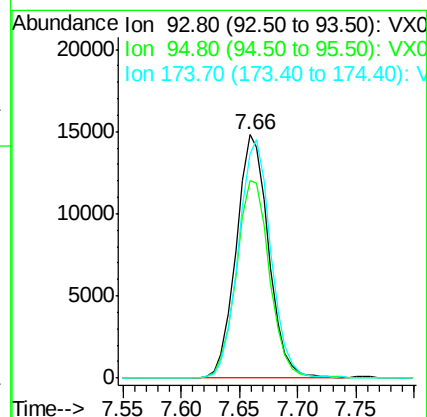
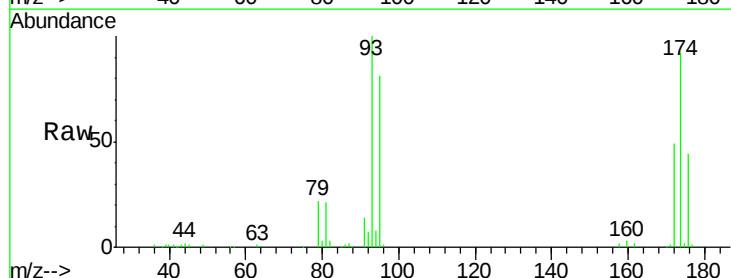
Tgt Ion: 93 Resp: 28707

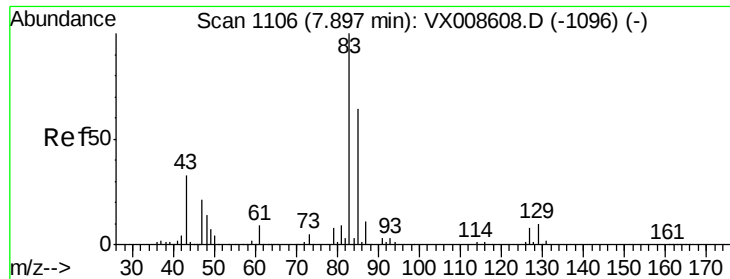
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 98.2 77.7 116.5





#47

Bromodichloromethane

Concen: 18.224 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

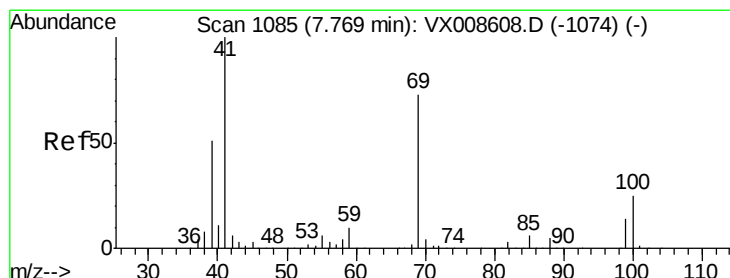
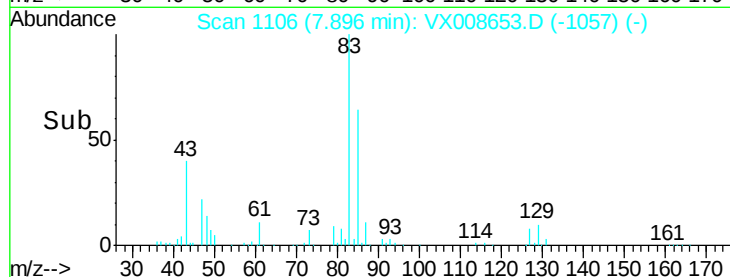
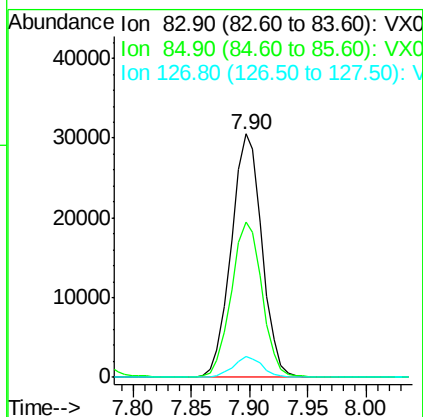
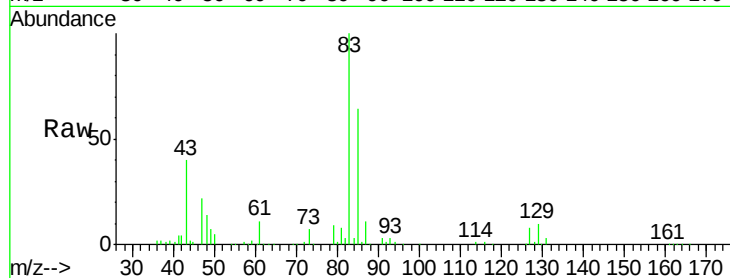
Tgt Ion: 83 Resp: 55980

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 18.632 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

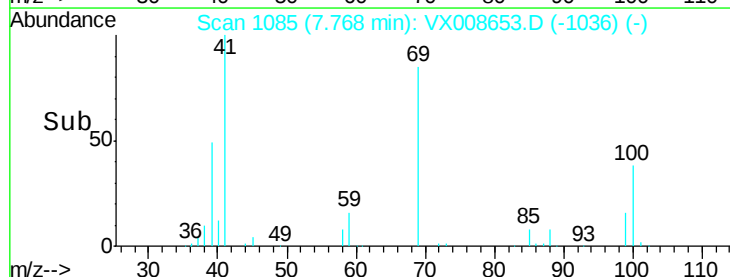
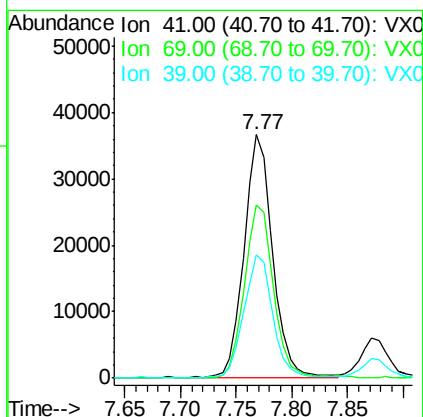
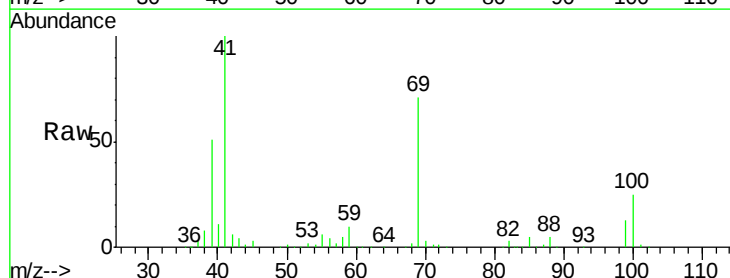
Tgt Ion: 41 Resp: 65102

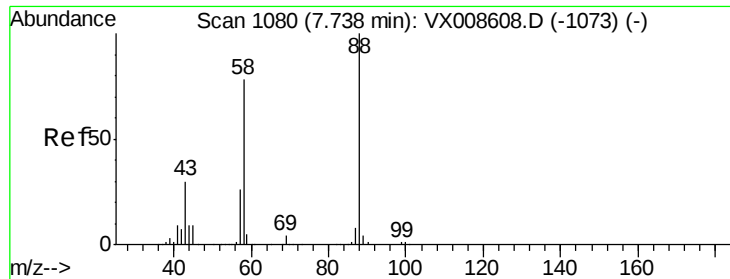
Ion Ratio Lower Upper

41 100

69 73.4 59.0 88.4

39 51.7 41.0 61.4

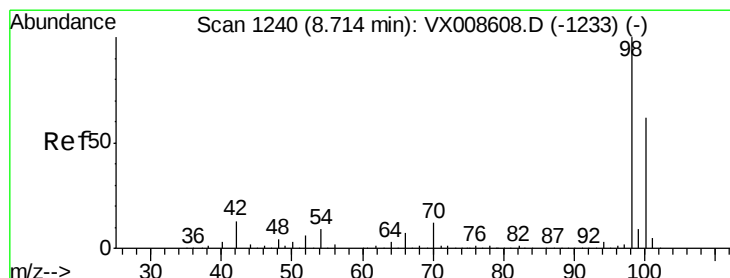
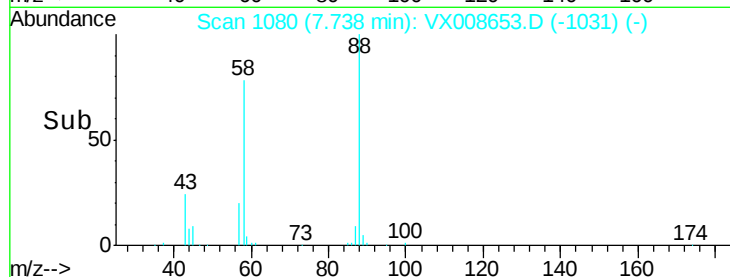
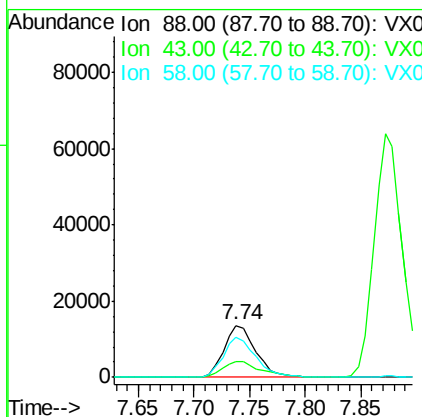
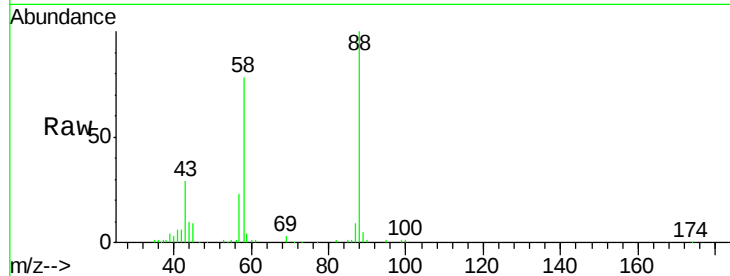




#49
 1,4-Dioxane
 Concen: 410.675 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

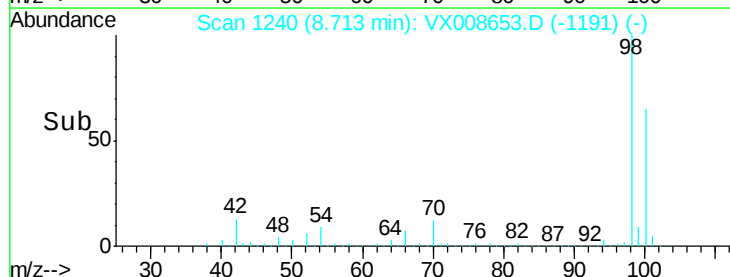
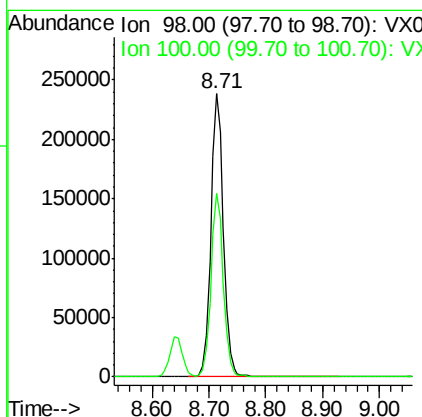
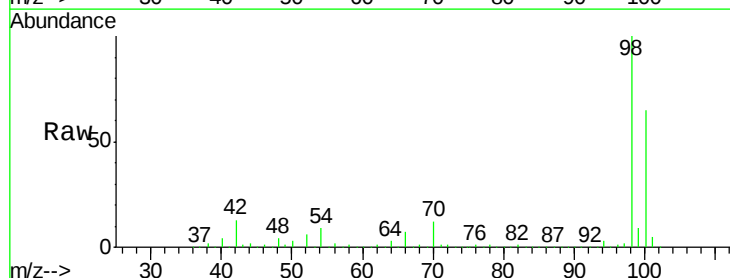
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

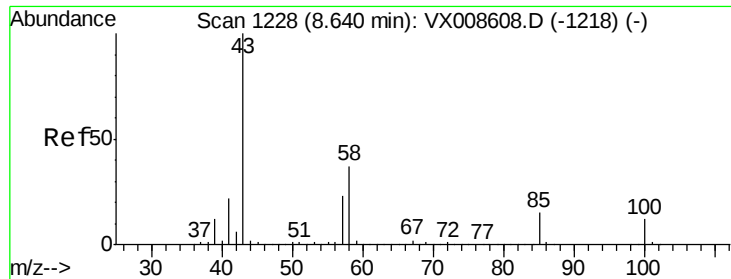
Tgt Ion: 88 Resp: 26880
 Ion Ratio Lower Upper
 88 100
 43 36.1 28.6 43.0
 58 80.0 62.2 93.2



#50
 Toluene-d8
 Concen: 47.514 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 98 Resp: 365547
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0

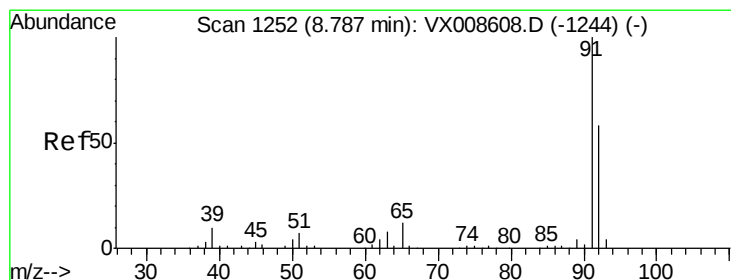
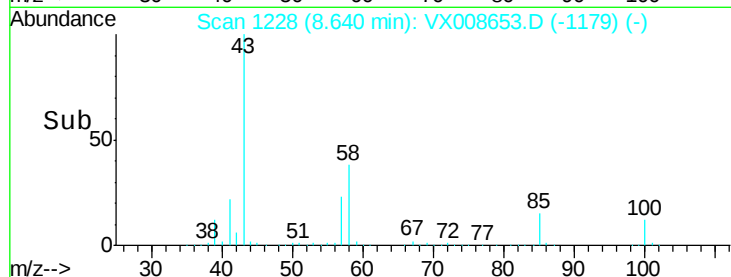
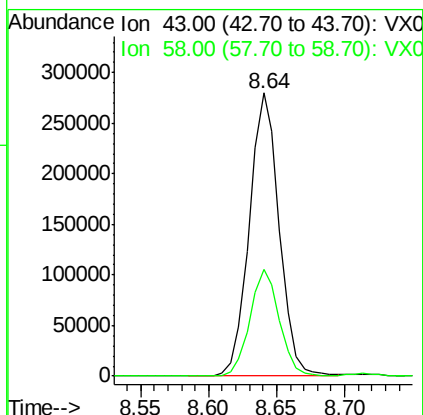
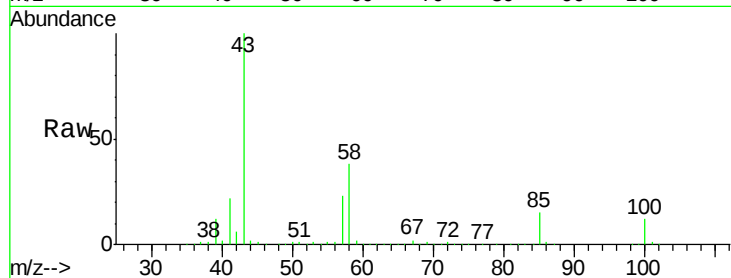




#51
 4-Methyl-2-Pentanone
 Concen: 96.827 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

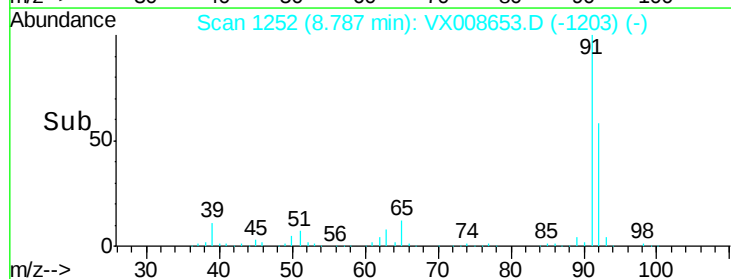
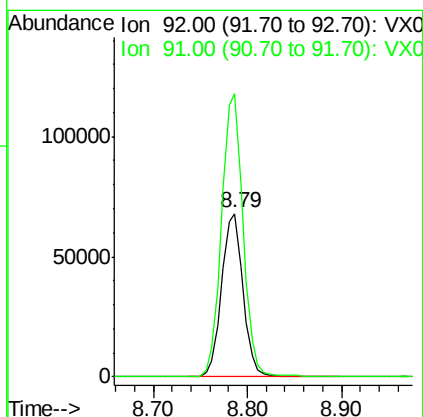
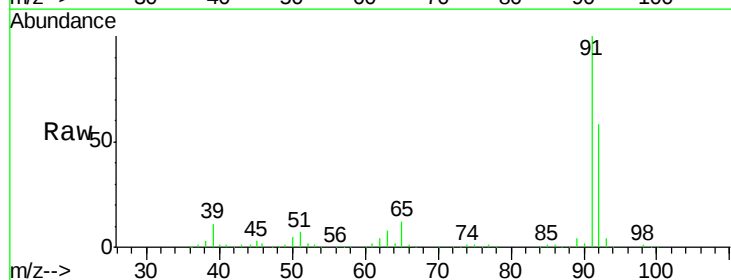
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

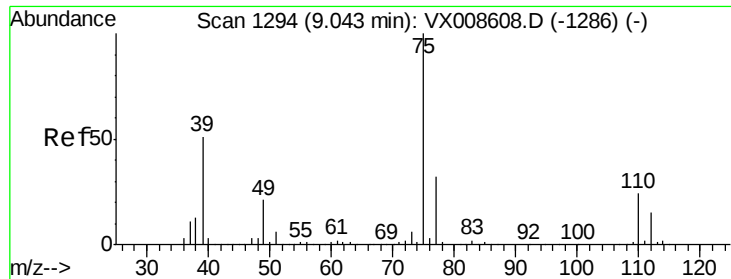
Tgt Ion: 43 Resp: 430537
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.5 44.3



#52
 Toluene
 Concen: 18.541 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 92 Resp: 107574
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.5 207.7

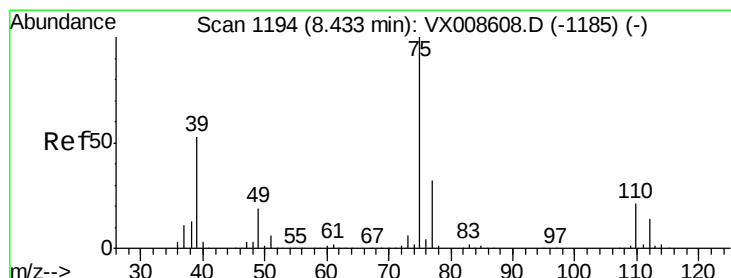
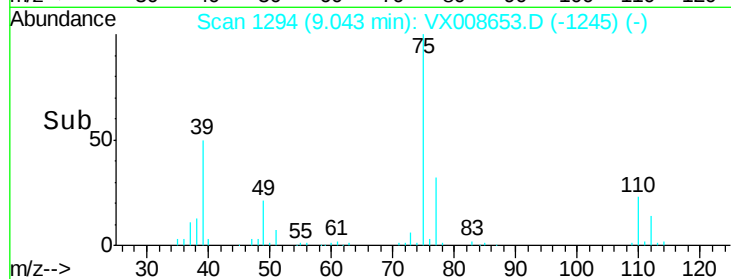
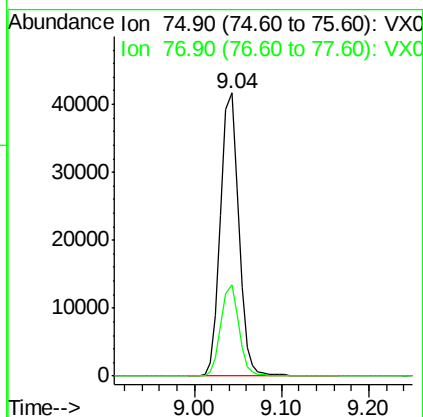
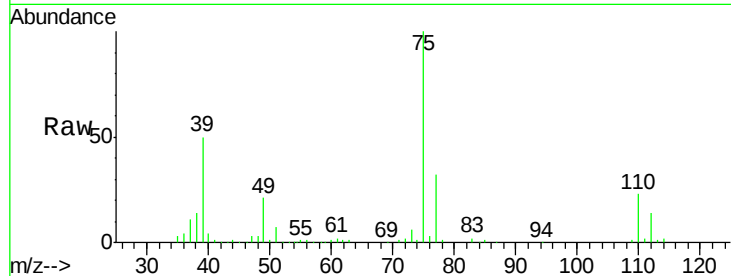




#53
 t-1,3-Dichloropropene
 Concen: 17.551 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

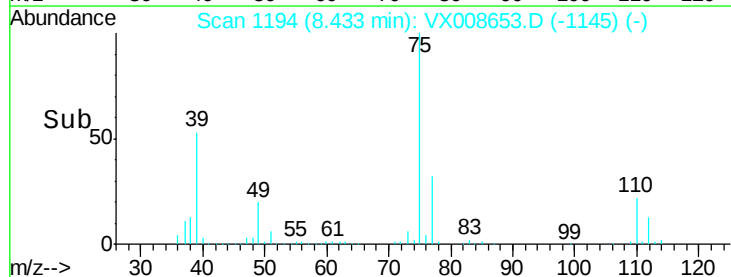
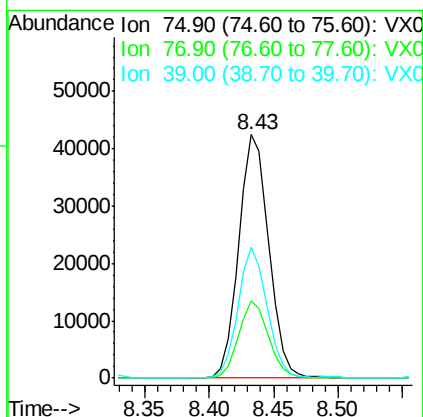
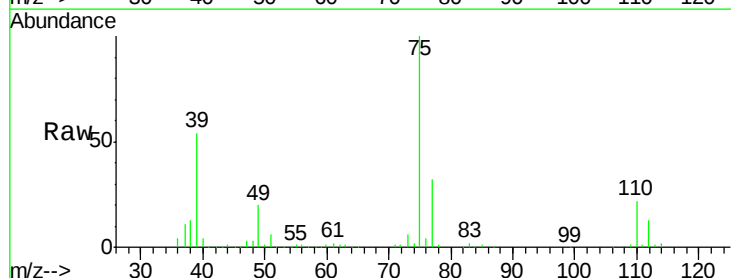
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

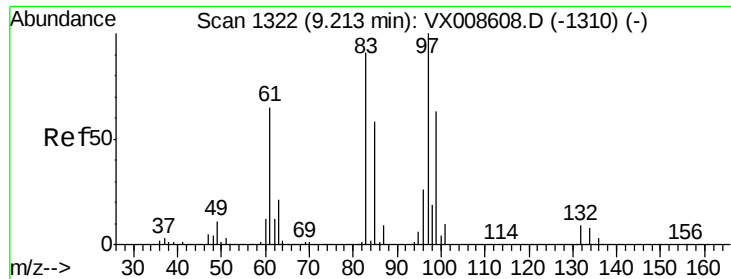
Tgt Ion: 75 Resp: 60390
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.444 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 75 Resp: 68584
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 53.5 42.6 63.8

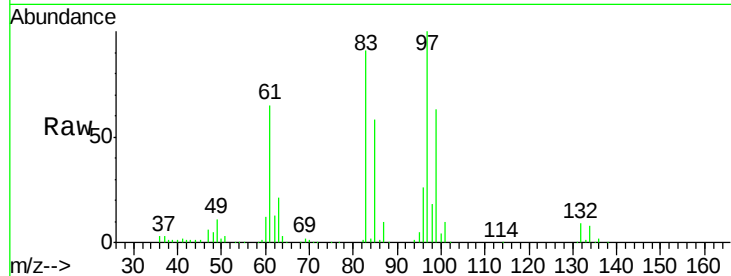




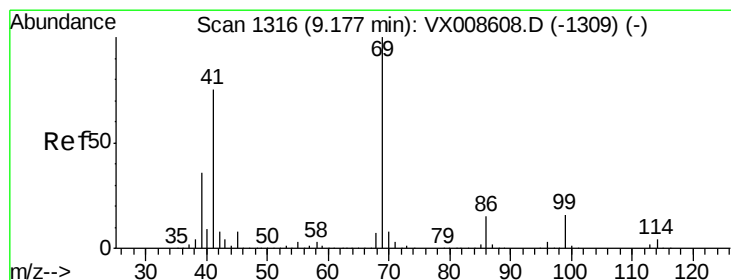
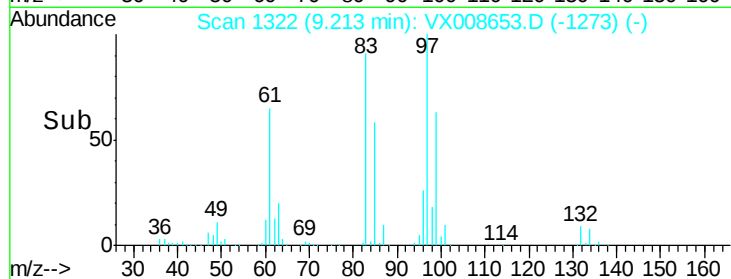
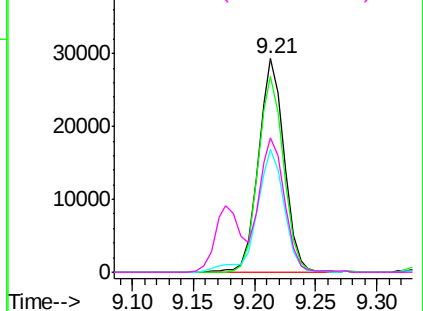
#55
 1,1,2-Trichloroethane
 Concen: 18.477 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tgt Ion: 97 Resp: 43032
 Ion Ratio Lower Upper
 97 100
 83 91.4 73.2 109.8
 85 57.8 46.6 69.8
 99 63.2 50.1 75.1

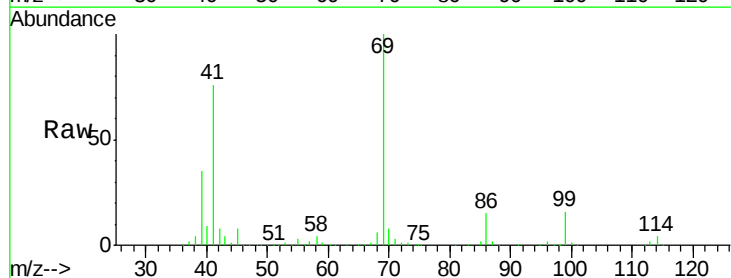


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

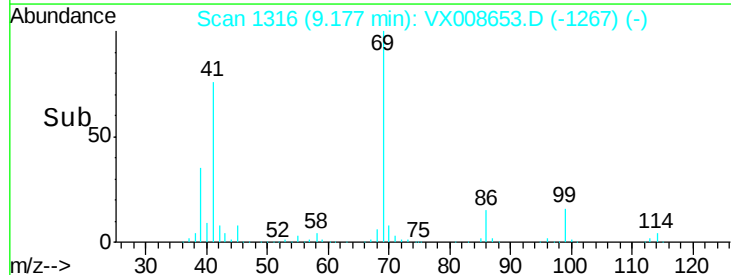
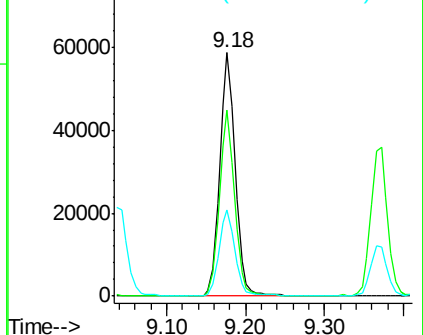


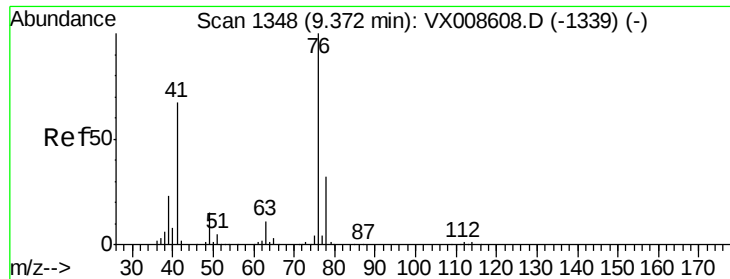
#56
 Ethyl methacrylate
 Concen: 19.261 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 69 Resp: 81161
 Ion Ratio Lower Upper
 69 100
 41 74.6 60.1 90.1
 39 35.9 28.9 43.3



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





#57

1,3-Dichloropropane

Concen: 18.470 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

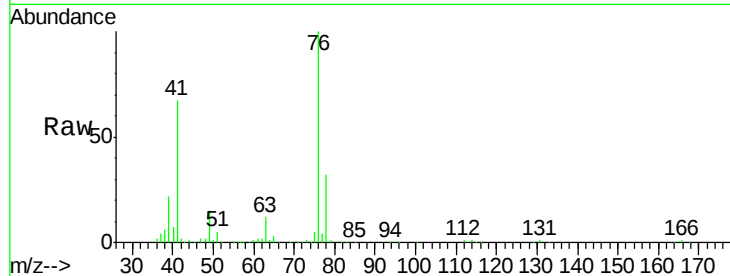
VX0404WBS02

Tgt Ion: 76 Resp: 77243

Ion Ratio Lower Upper

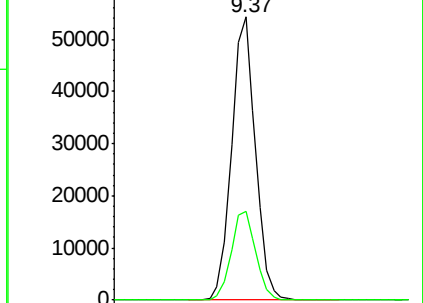
76 100

78 32.4 25.6 38.4

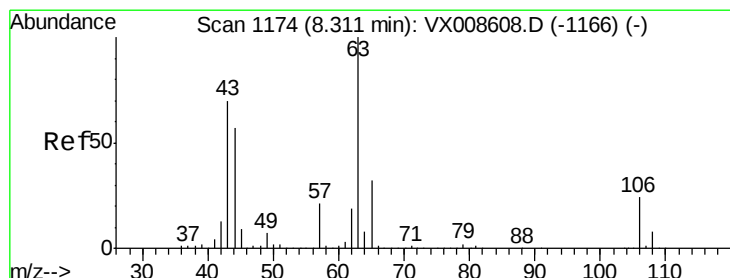
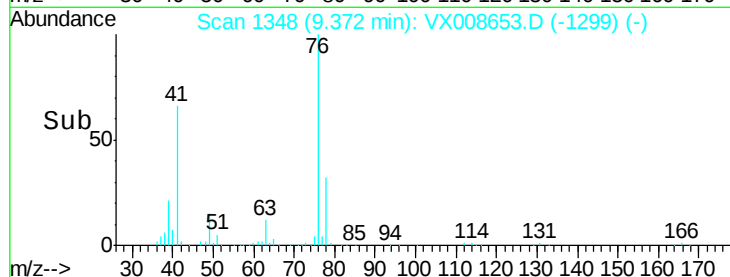


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.586 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008653.D

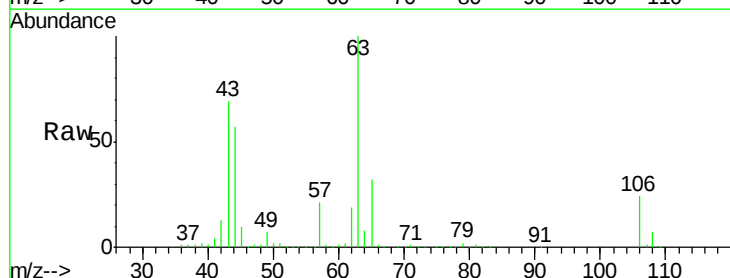
Acq: 04 Apr 2019 22:43

Tgt Ion: 63 Resp: 207819

Ion Ratio Lower Upper

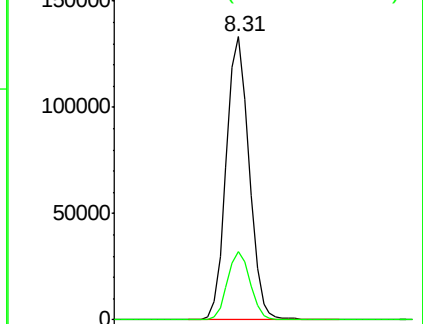
63 100

106 24.0 19.0 28.6

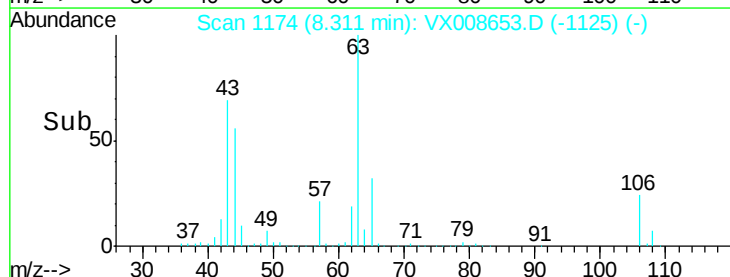


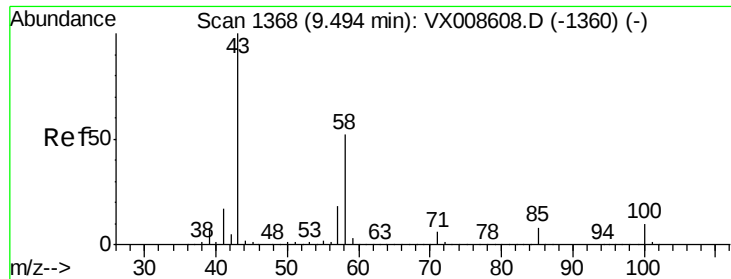
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

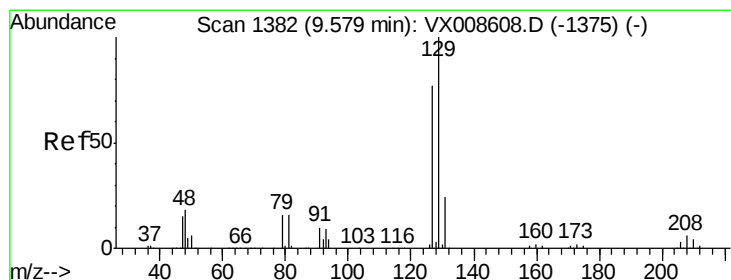
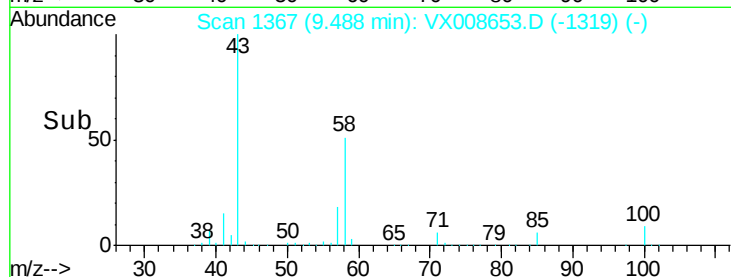
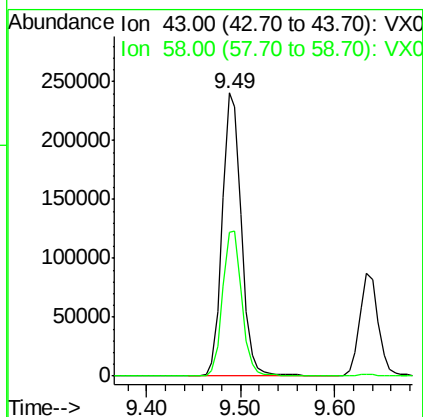
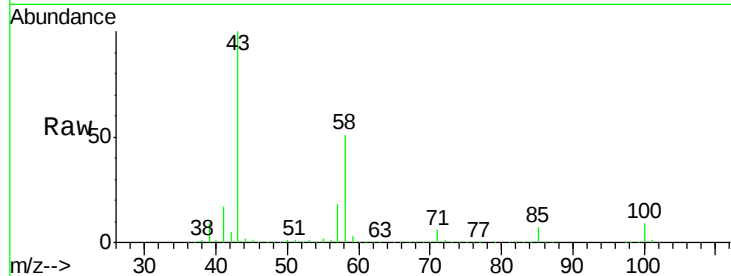




#59
2-Hexanone
Concen: 97.308 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

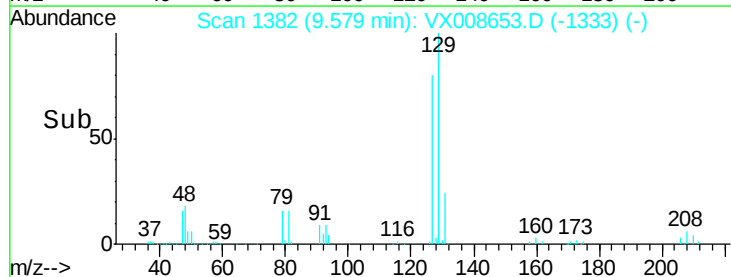
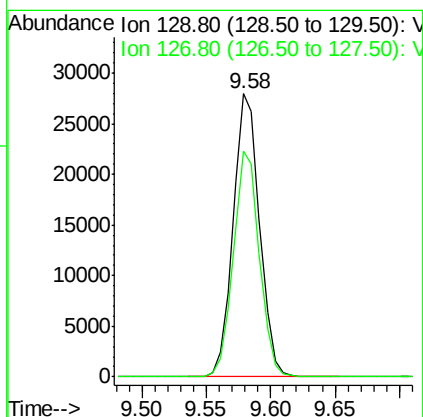
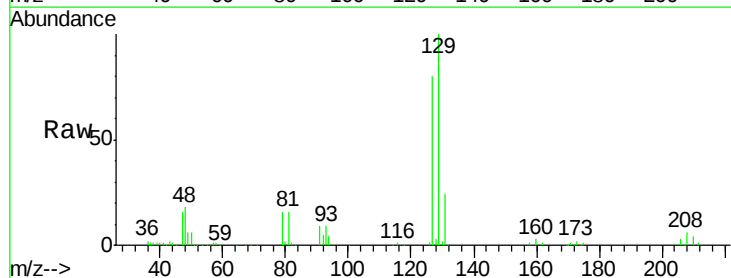
Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

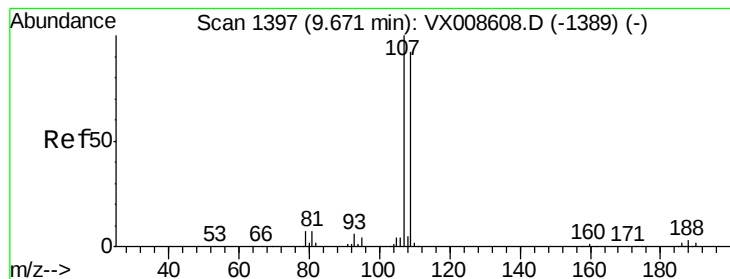
Tgt Ion: 43 Resp: 336253
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7



#60
Dibromochloromethane
Concen: 18.155 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 129 Resp: 39844
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.346 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

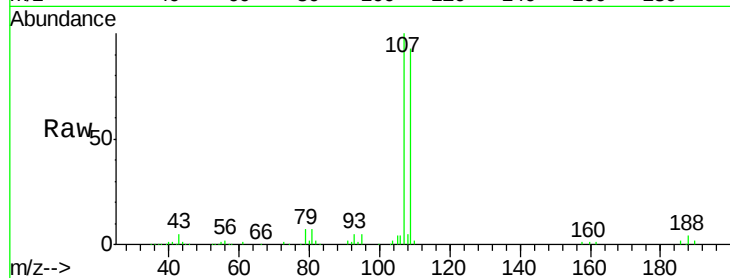
VX0404WBS02

Tgt Ion: 107 Resp: 44480

Ion Ratio Lower Upper

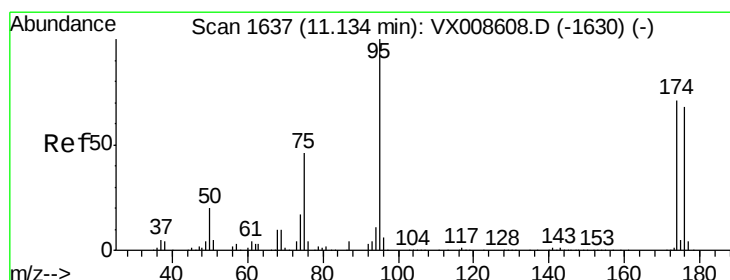
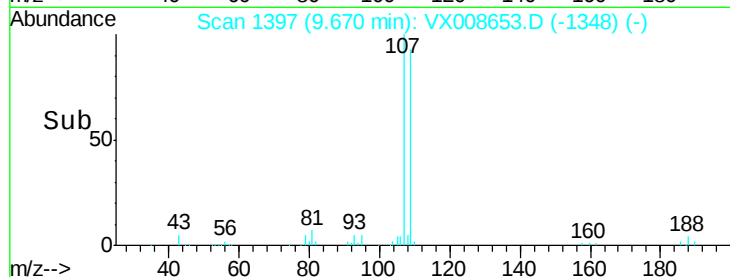
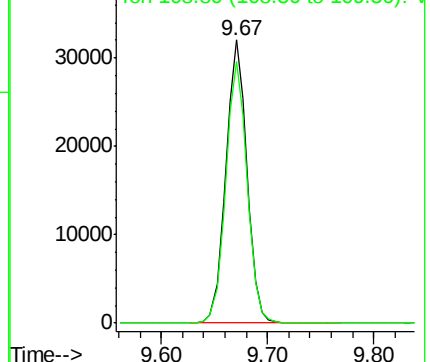
107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.071 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

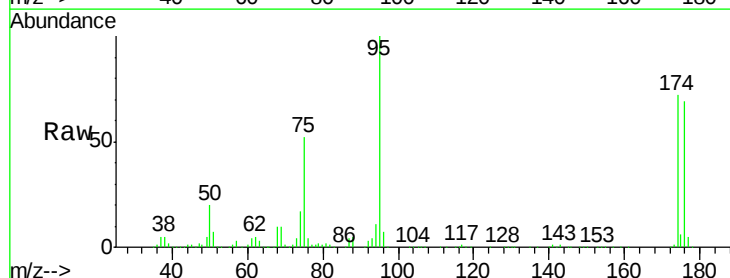
Tgt Ion: 95 Resp: 131147

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

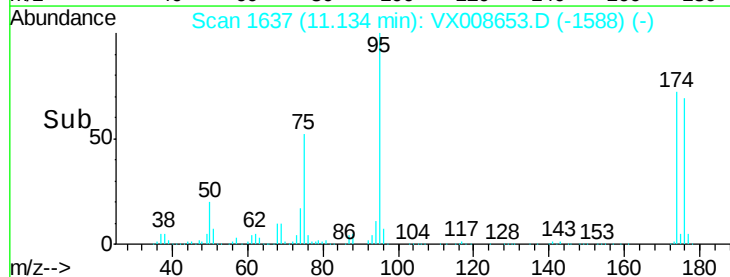
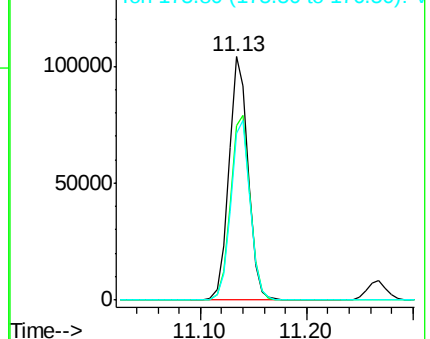
176 74.7 0.0 145.8

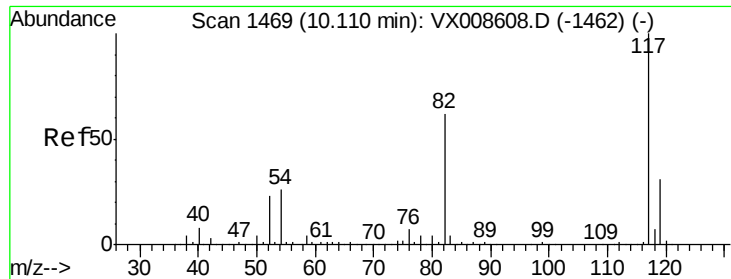


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

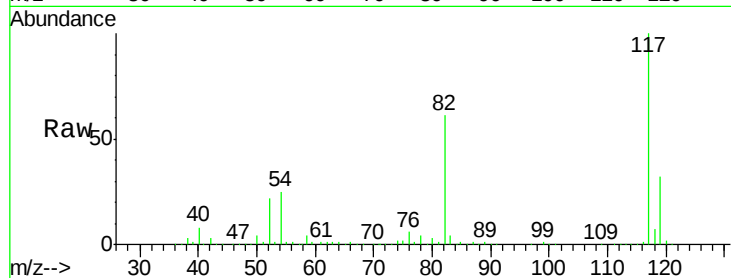




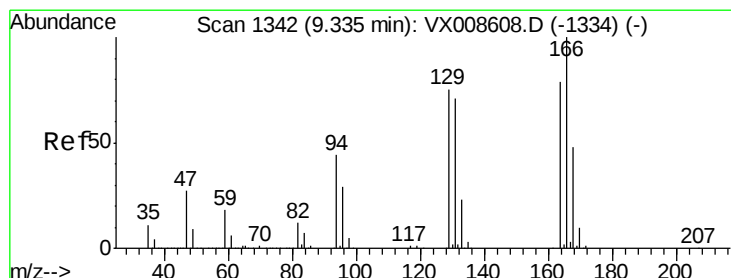
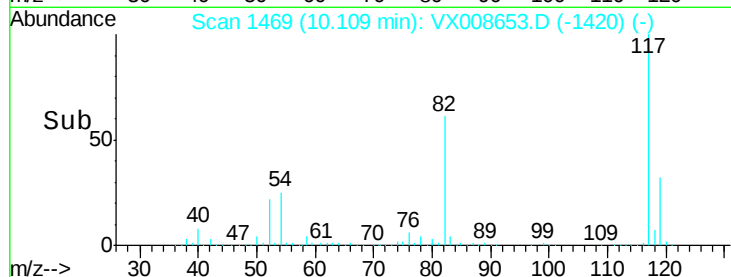
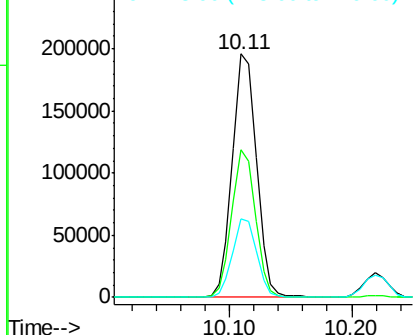
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tgt Ion:117 Resp: 268404
Ion Ratio Lower Upper
117 100
82 60.7 49.6 74.4
119 32.4 25.0 37.4



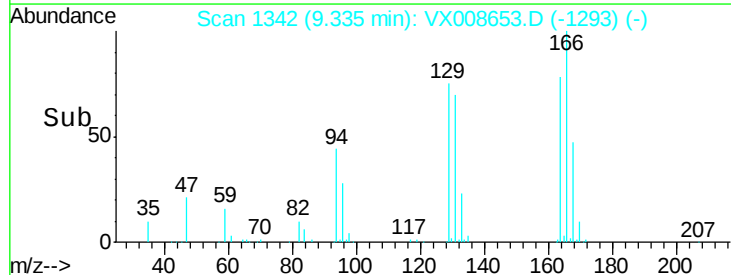
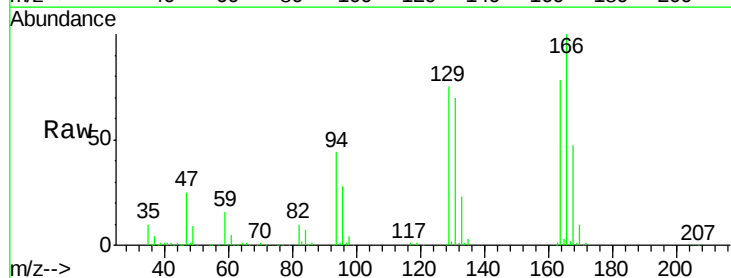
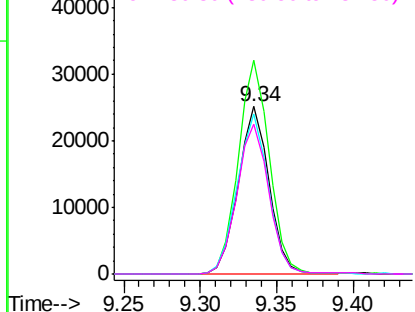
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

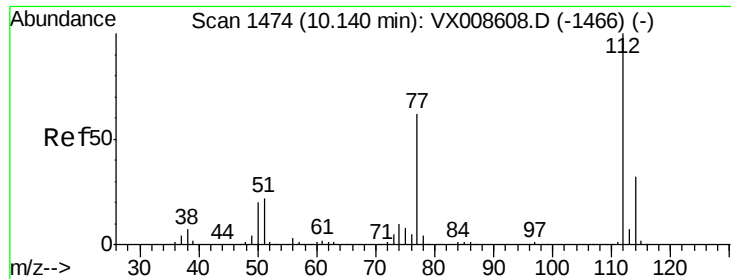


#64
Tetrachloroethene
Concen: 17.707 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion:164 Resp: 35212
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.6
129 95.4 75.8 113.8
131 89.6 71.8 107.8

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





#65

Chlorobenzene

Concen: 18.135 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

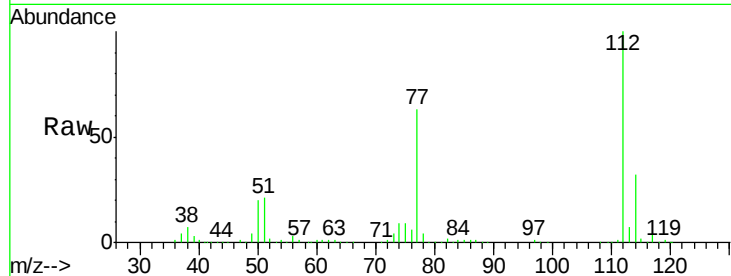
VX0404WBS02

Tgt Ion:112 Resp: 107897

Ion Ratio Lower Upper

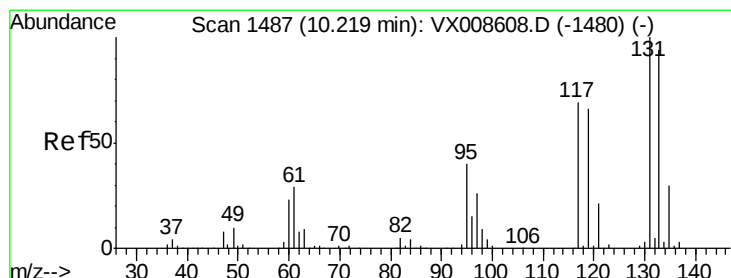
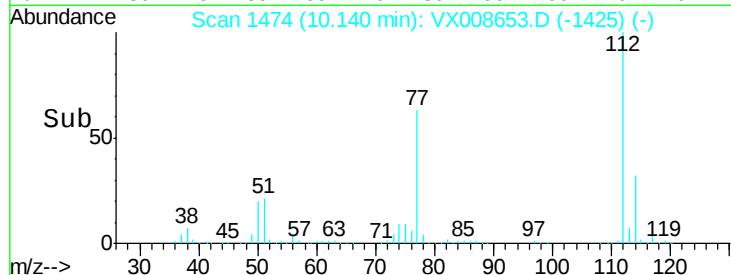
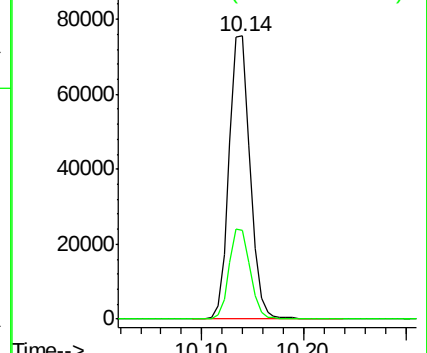
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.206 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

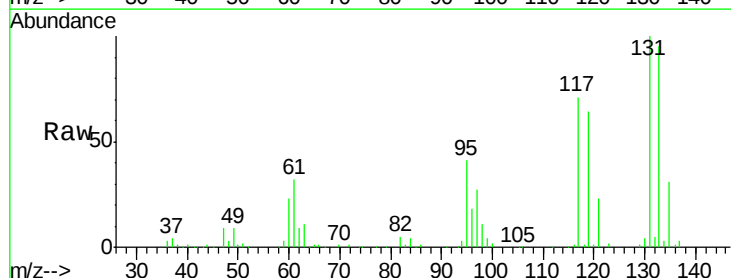
Tgt Ion:131 Resp: 38000

Ion Ratio Lower Upper

131 100

133 93.7 47.0 141.2

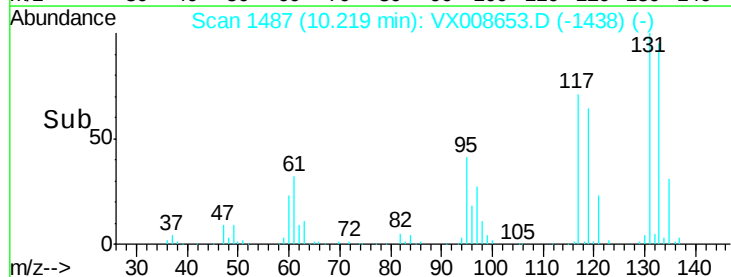
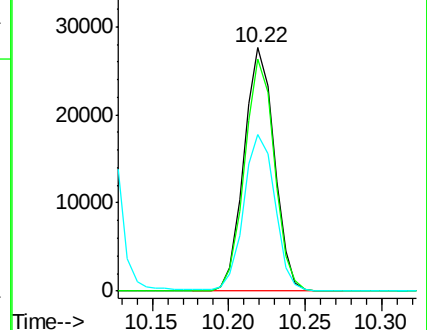
119 66.5 33.7 101.0

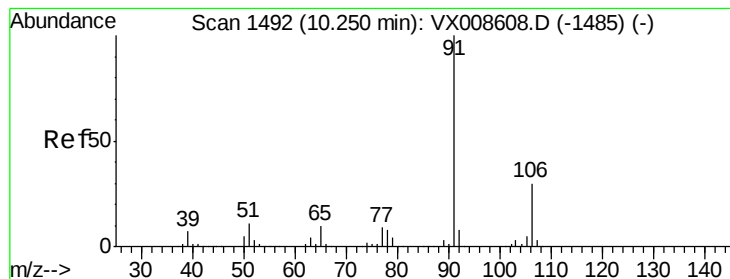


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.221 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

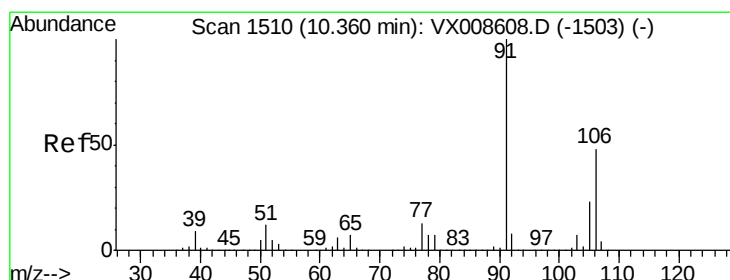
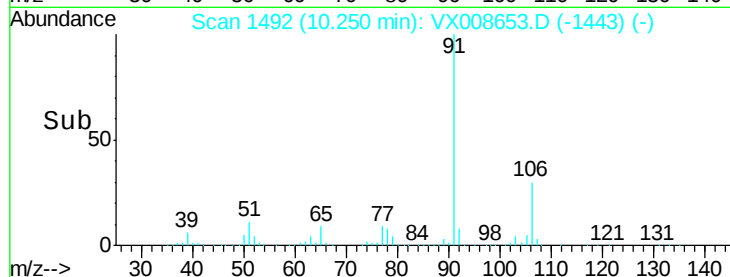
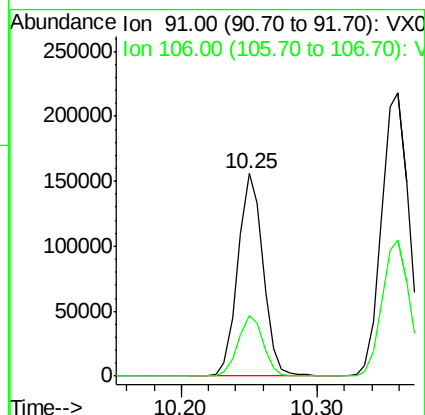
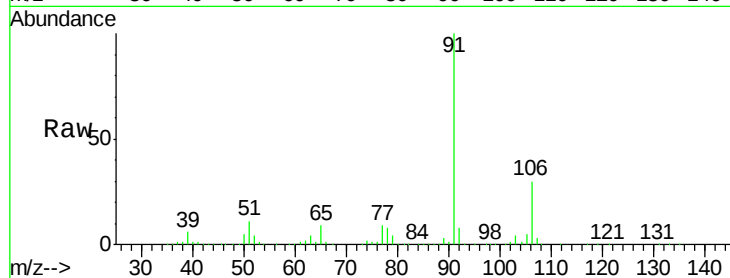
VX0404WBS02

Tgt Ion: 91 Resp: 202149

Ion Ratio Lower Upper

91 100

106 30.1 23.7 35.5



#68

m/p-Xylenes

Concen: 36.705 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008653.D

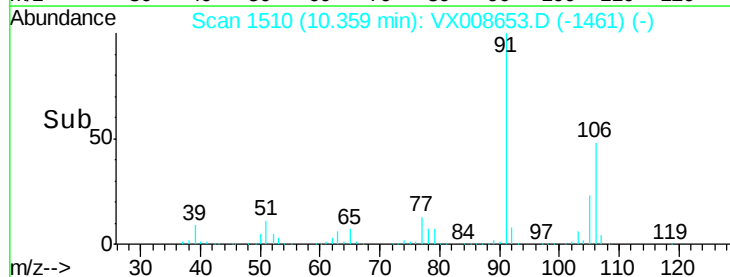
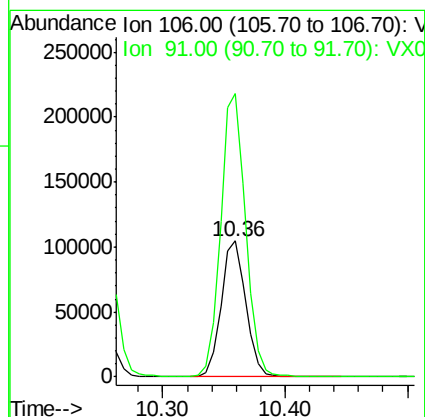
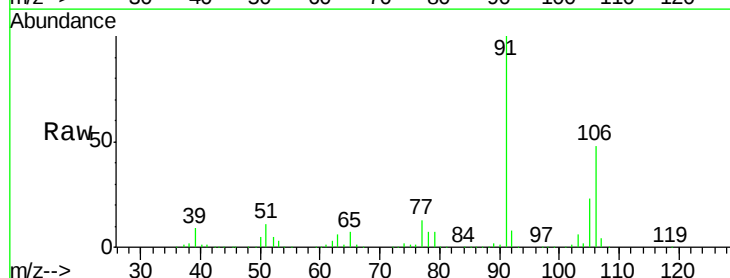
Acq: 04 Apr 2019 22:43

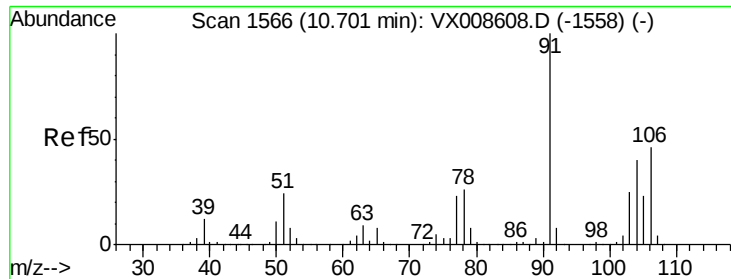
Tgt Ion: 106 Resp: 146415

Ion Ratio Lower Upper

106 100

91 210.2 168.5 252.7

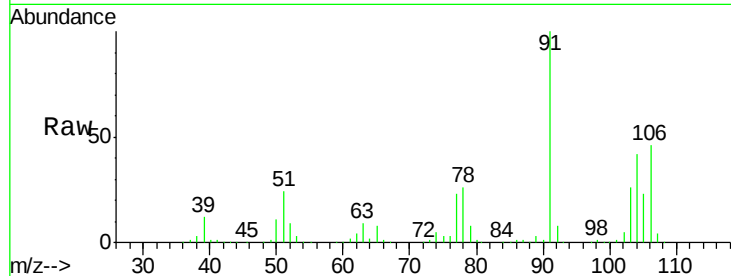




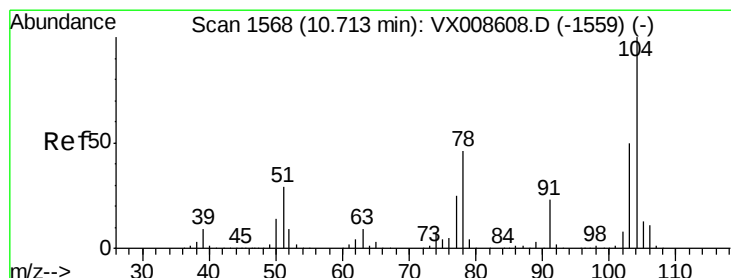
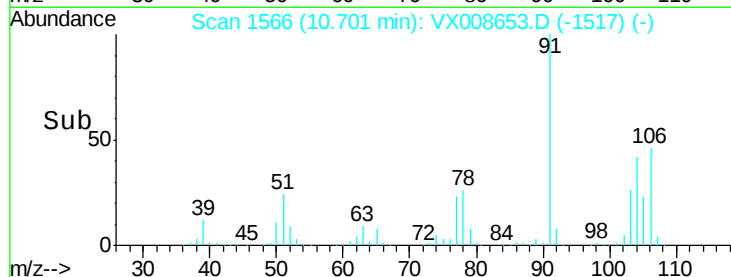
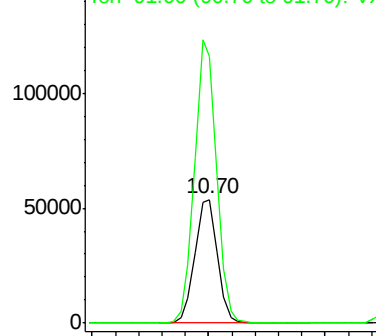
#69
o-Xylene
Concen: 18.674 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tgt Ion:106 Resp: 72189
Ion Ratio Lower Upper
106 100
91 222.3 111.5 334.4

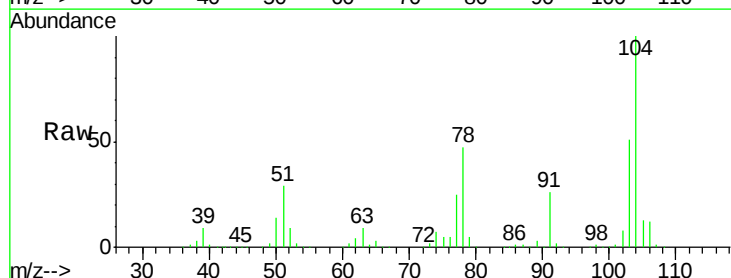


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

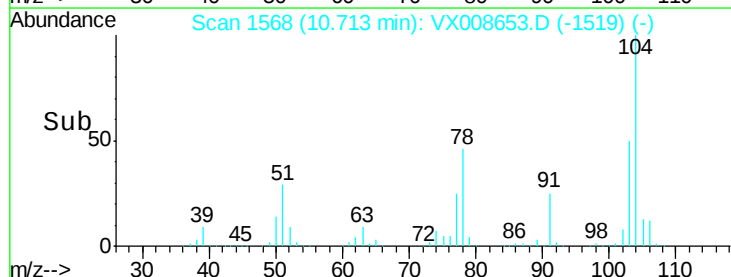
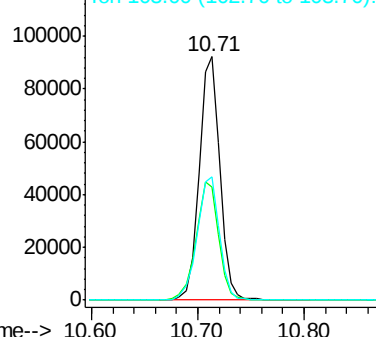


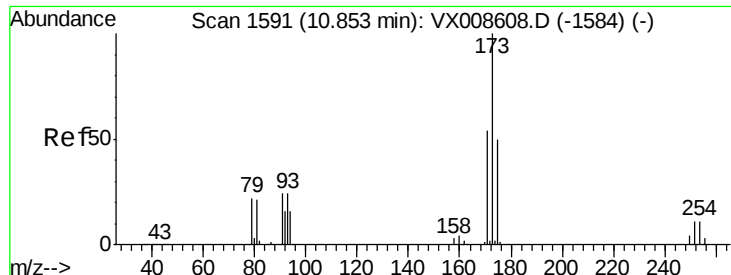
#70
Styrene
Concen: 18.797 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion:104 Resp: 125255
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 54.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.959 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

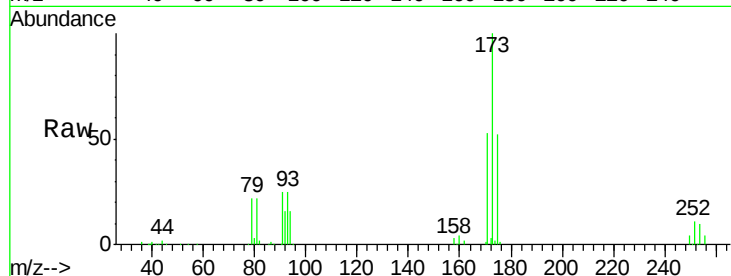
Tgt Ion:173 Resp: 28629

Ion Ratio Lower Upper

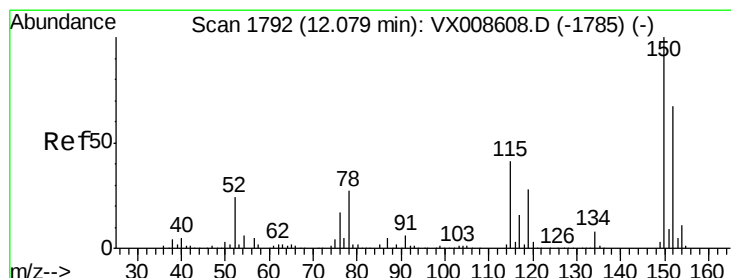
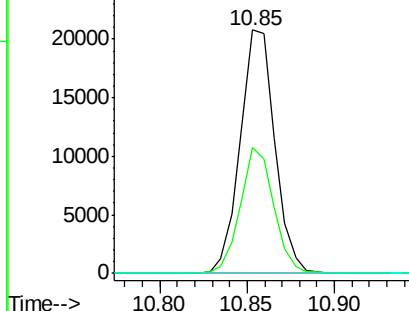
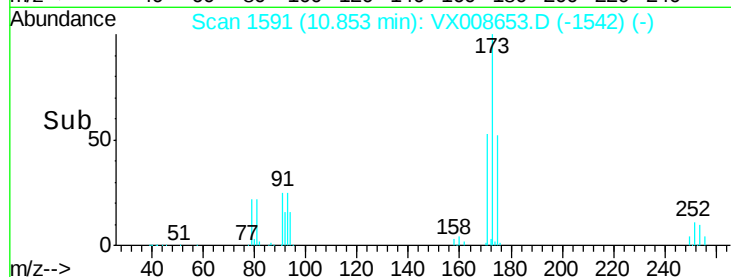
173 100

175 49.8 24.9 74.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

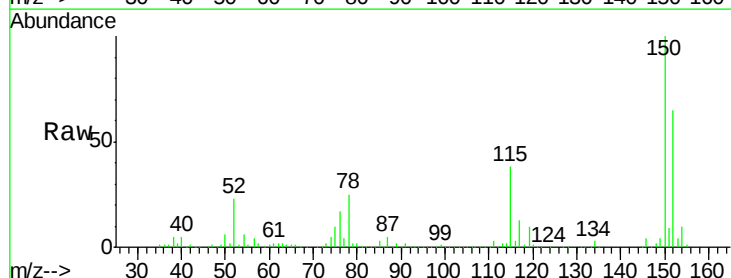
Tgt Ion:152 Resp: 123054

Ion Ratio Lower Upper

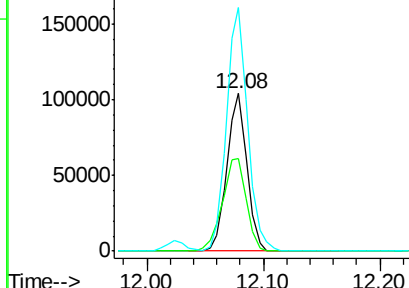
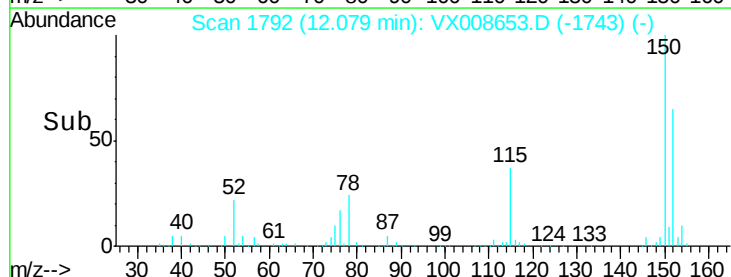
152 100

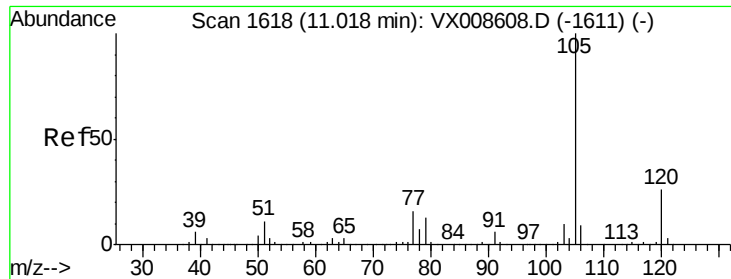
115 70.5 43.5 130.5

150 164.2 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.708 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

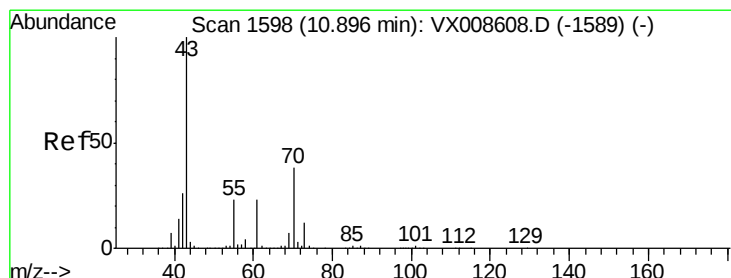
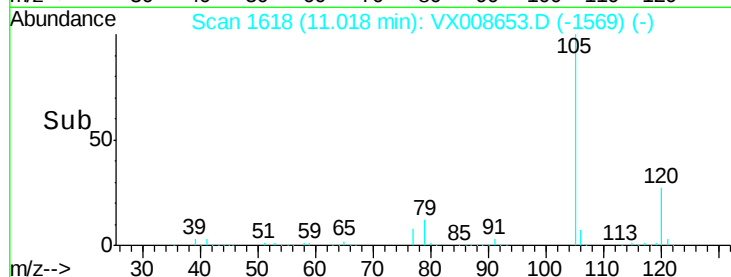
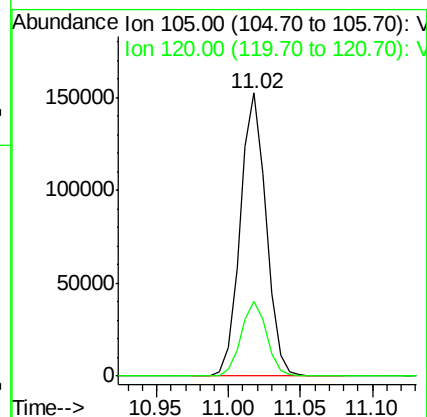
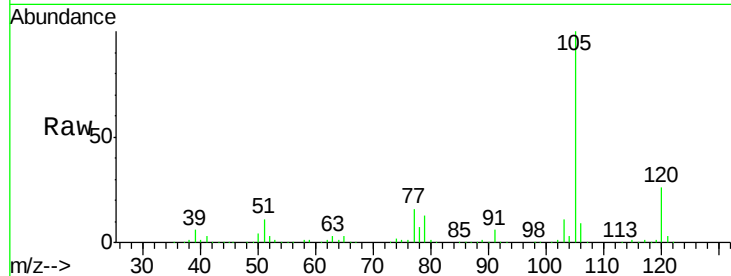
VX0404WBS02

Tgt Ion:105 Resp: 190777

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 19.340 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion: 43 Resp: 116035

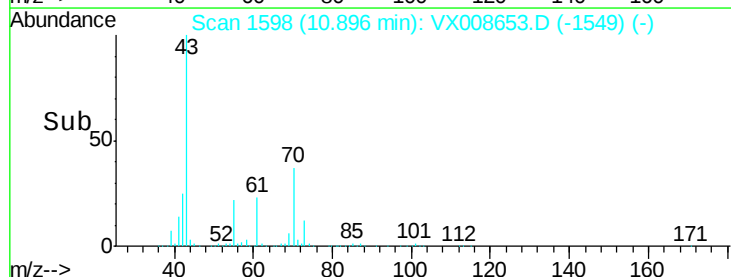
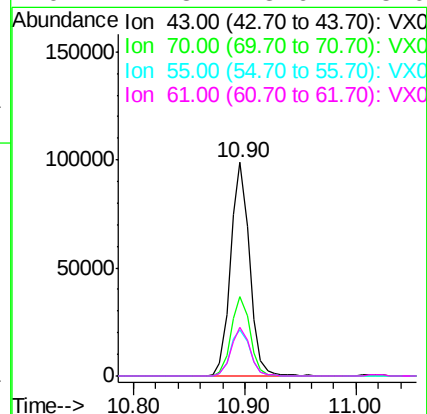
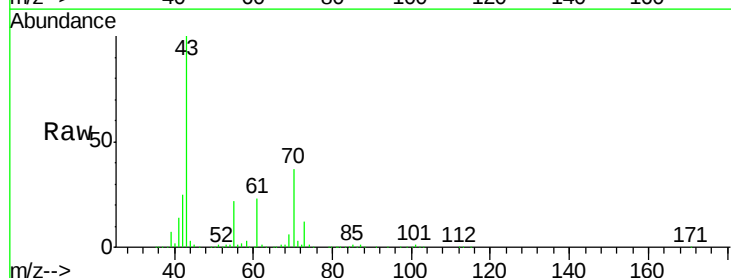
Ion Ratio Lower Upper

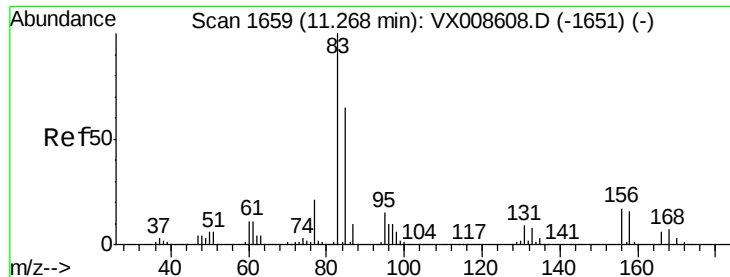
43 100

70 37.4 30.2 45.4

55 22.8 18.2 27.4

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.779 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

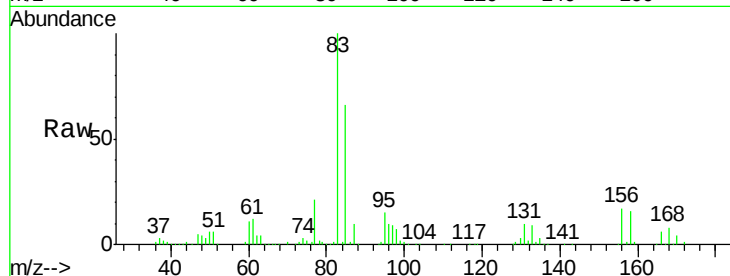
Tgt Ion: 83 Resp: 72834

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.7

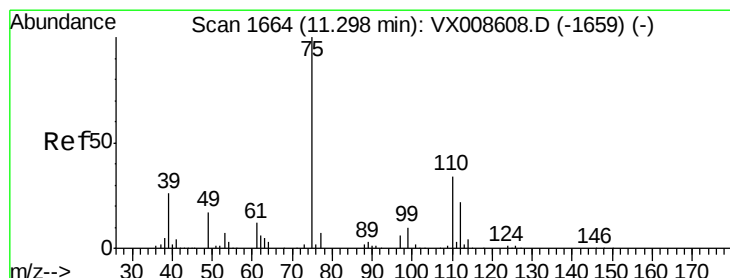
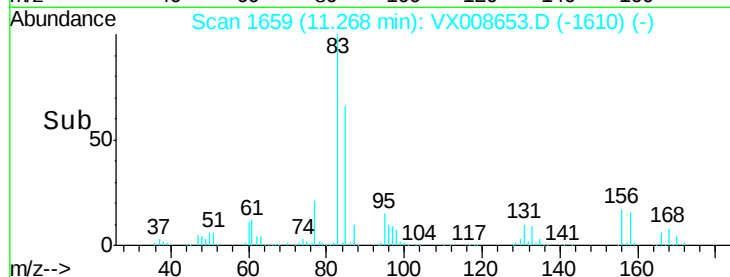
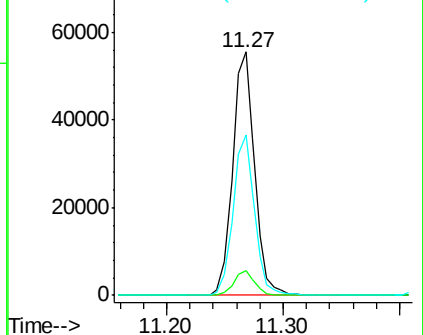
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.967 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008653.D

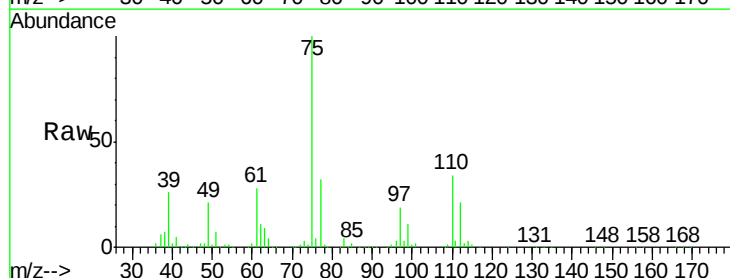
Acq: 04 Apr 2019 22:43

Tgt Ion: 75 Resp: 81018

Ion Ratio Lower Upper

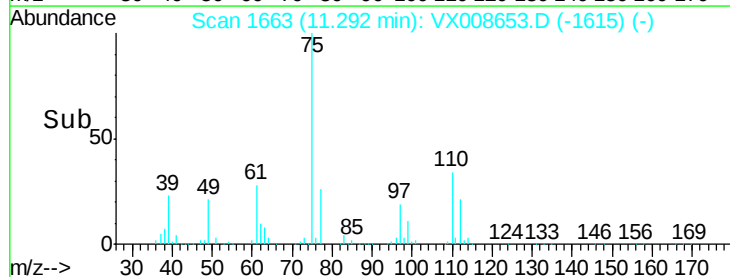
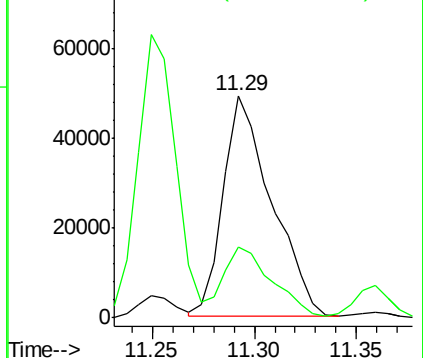
75 100

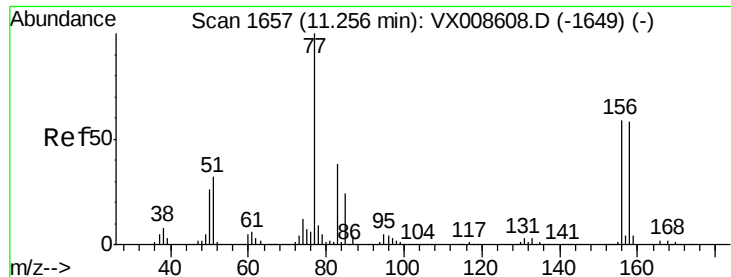
77 32.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.644 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

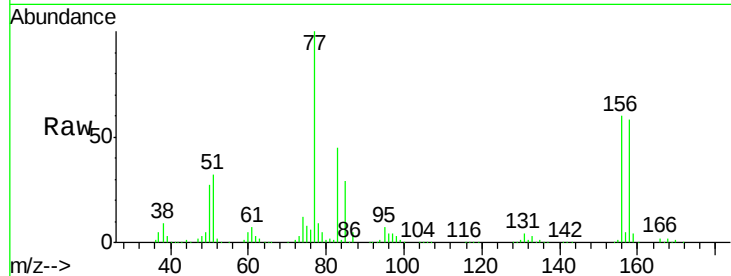
Tgt Ion:156 Resp: 45708

Ion Ratio Lower Upper

156 100

77 178.4 89.8 269.6

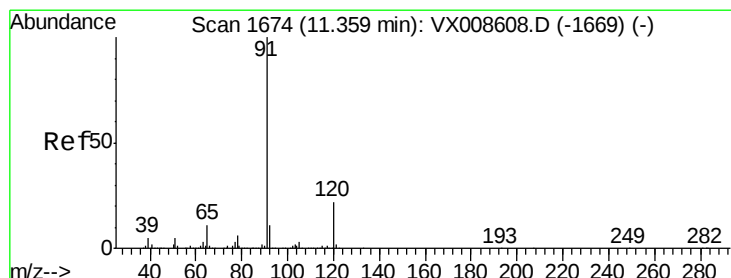
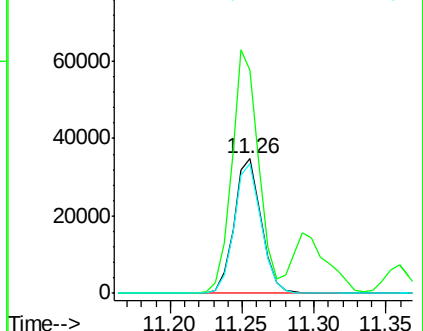
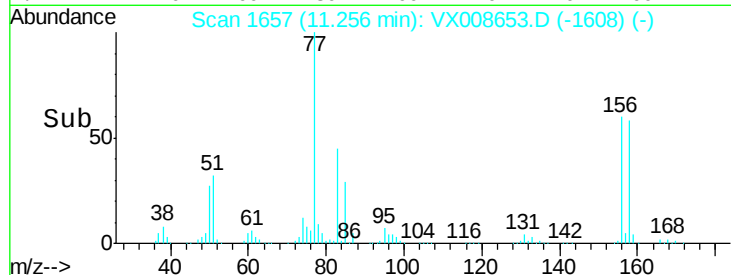
158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.243 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008653.D

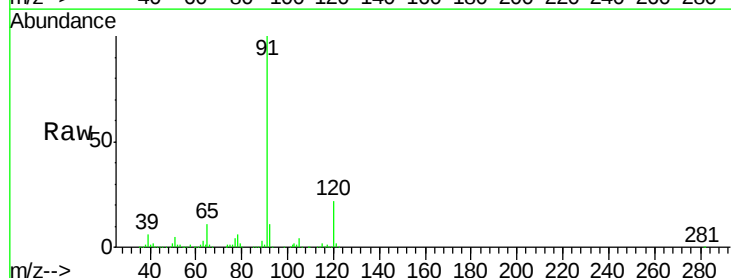
Acq: 04 Apr 2019 22:43

Tgt Ion: 91 Resp: 216616

Ion Ratio Lower Upper

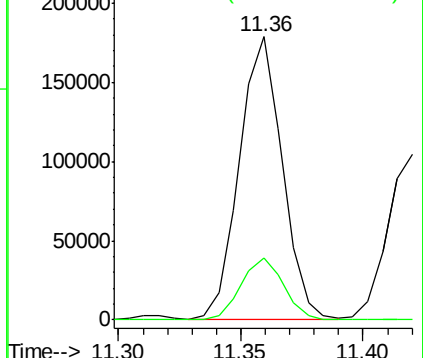
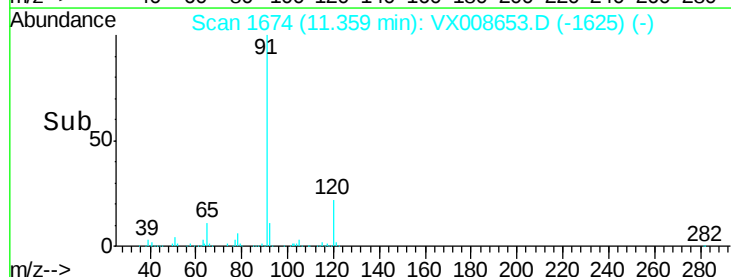
91 100

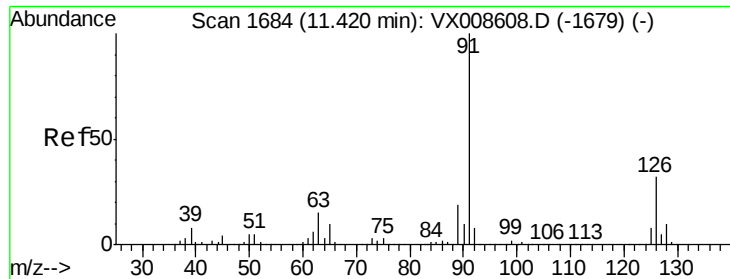
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

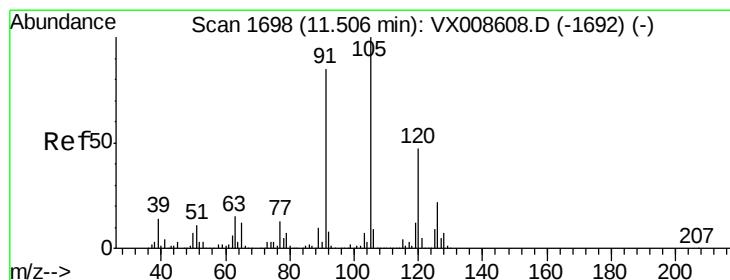
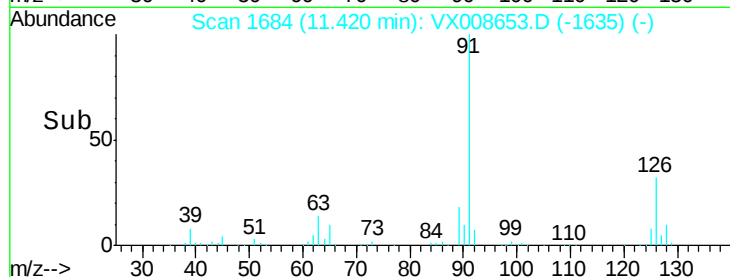
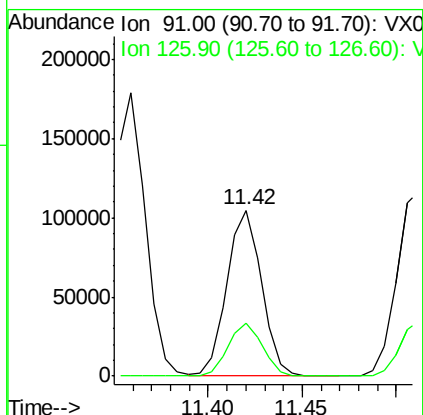
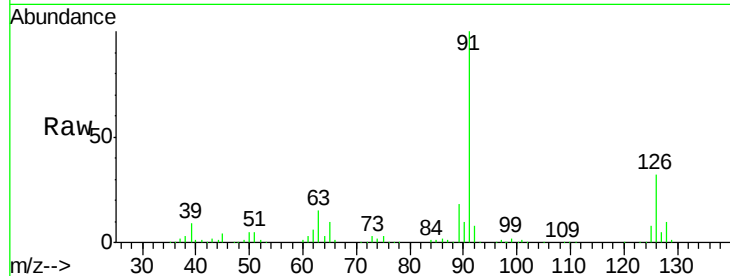




#79
 2-Chlorotoluene
 Concen: 18.407 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

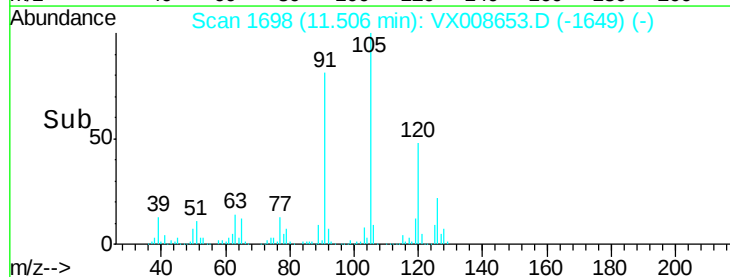
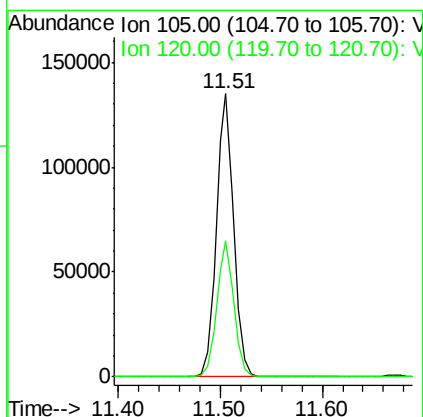
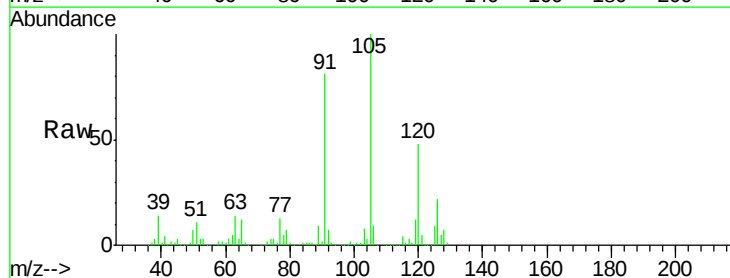
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

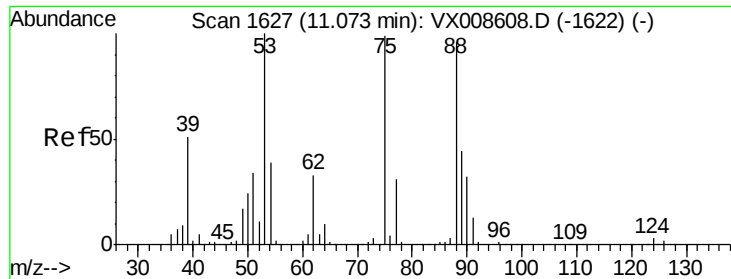
Tgt Ion: 91 Resp: 132268
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.792 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 105 Resp: 160863
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.6

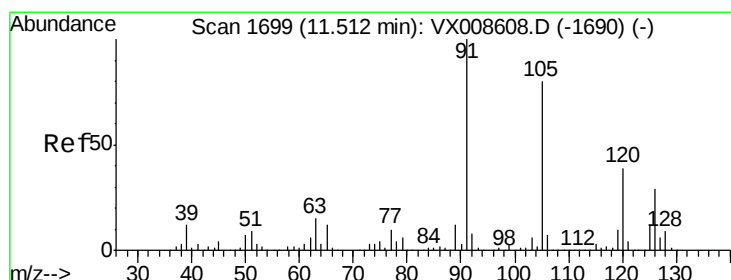
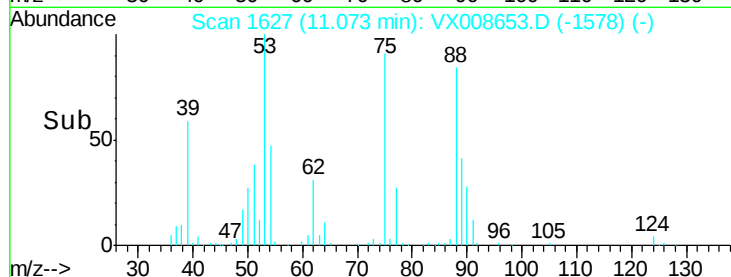
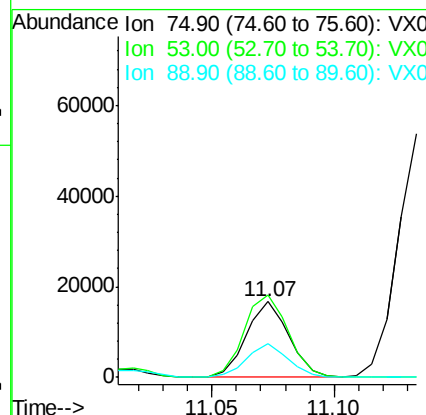
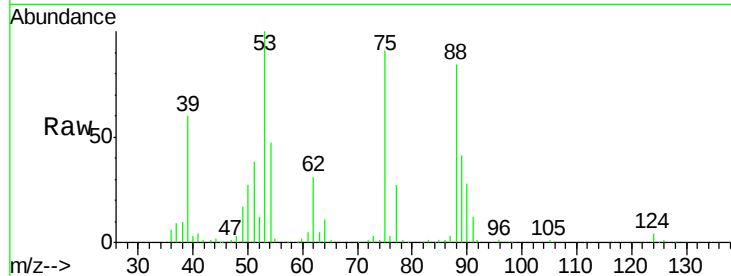




#81
trans-1,4-Dichloro-2-butene
Concen: 16.305 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

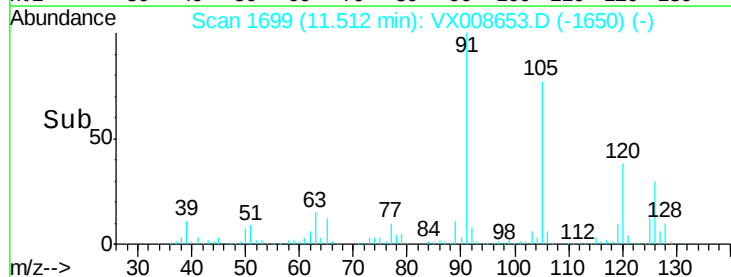
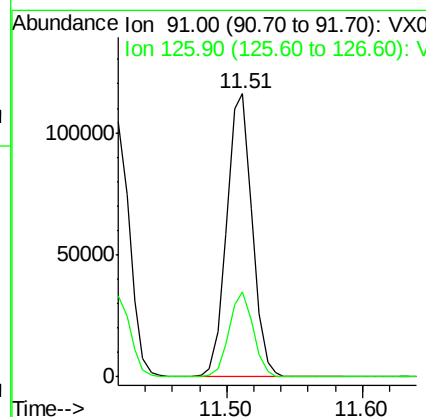
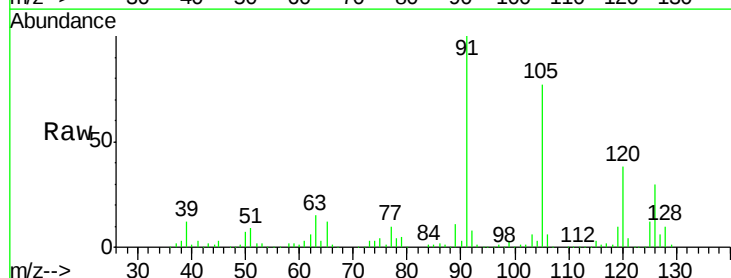
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

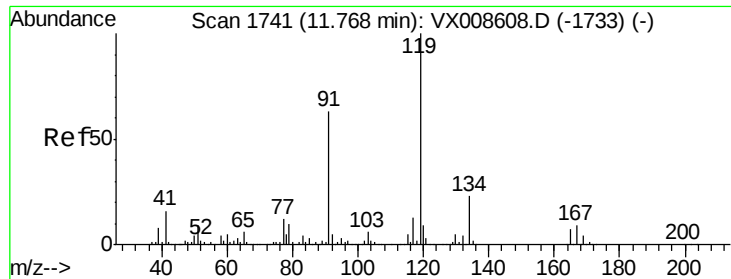
Tgt Ion: 75 Resp: 19995
Ion Ratio Lower Upper
75 100
53 114.4 81.3 121.9
89 44.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.978 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 91 Resp: 149538
Ion Ratio Lower Upper
91 100
126 28.4 13.9 41.6

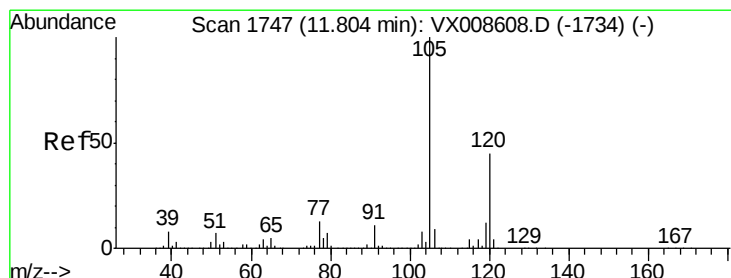
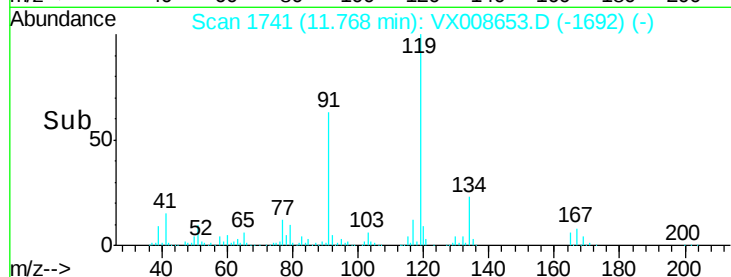
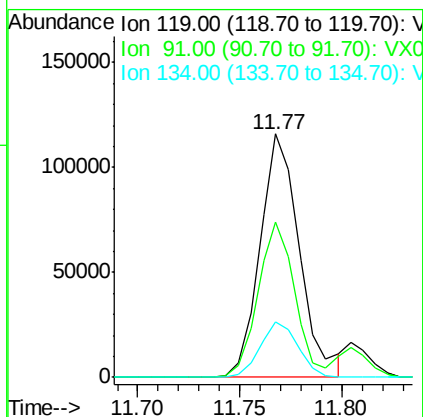
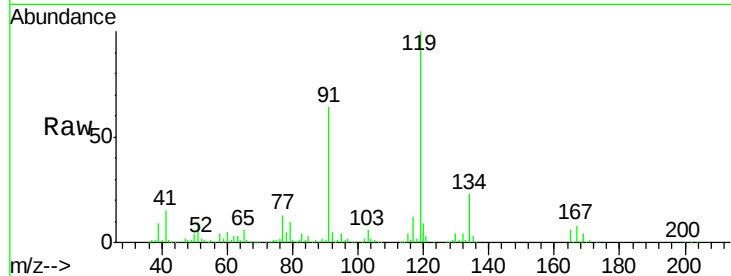




#83
 tert-Butylbenzene
 Concen: 18.959 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

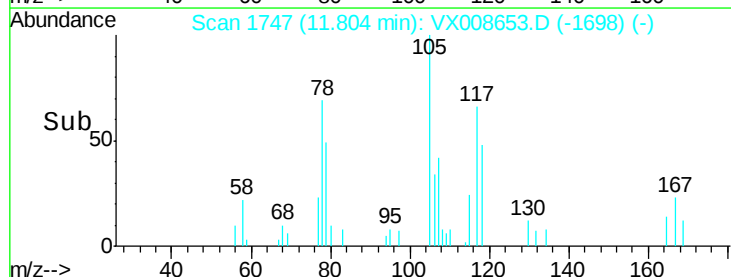
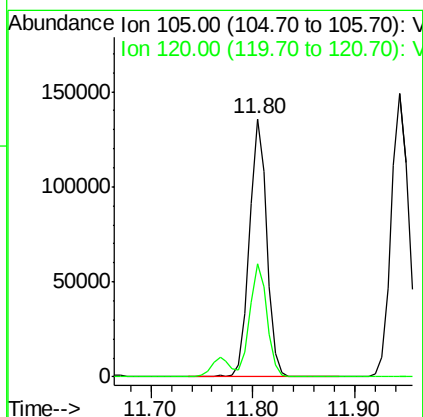
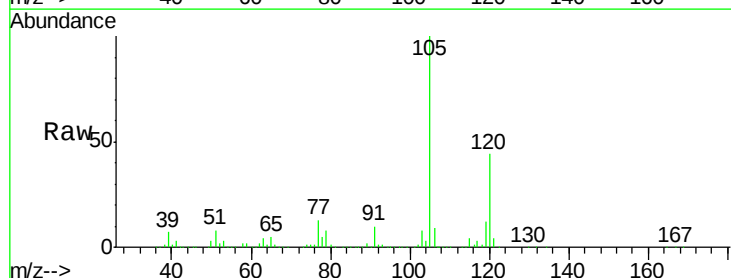
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

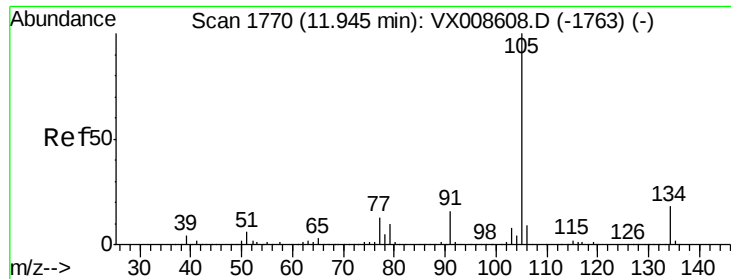
Tgt Ion:119 Resp: 156142
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.0 90.1
 134 21.8 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.609 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:105 Resp: 161303
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.8 65.3

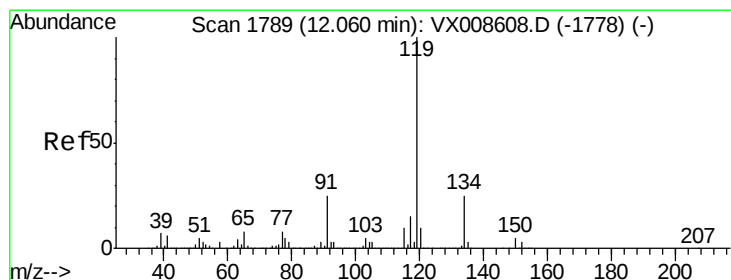
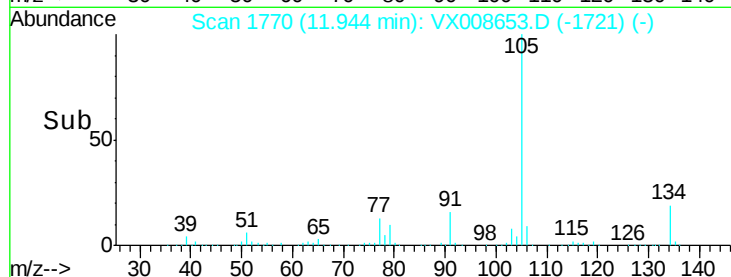
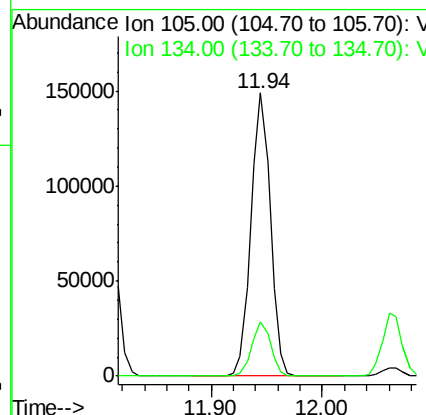
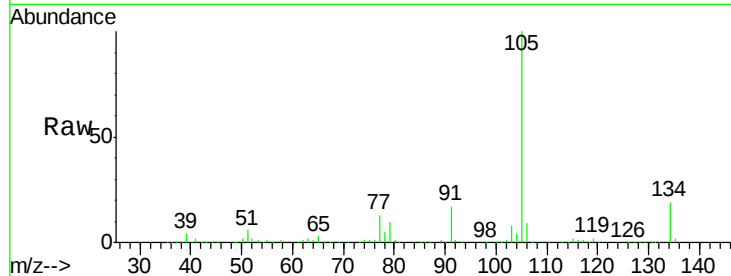




#85
 sec-Butylbenzene
 Concen: 18.424 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

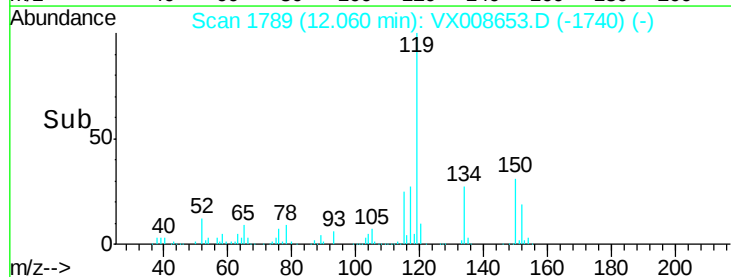
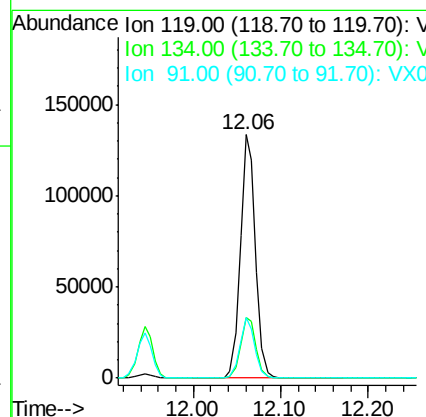
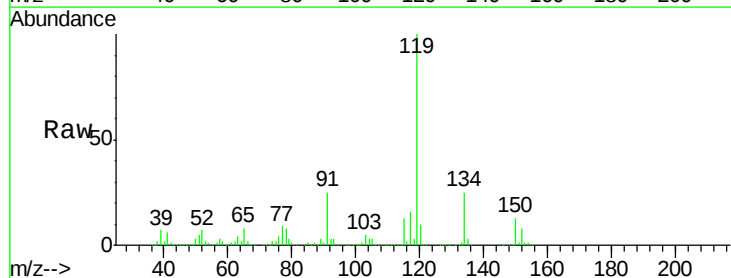
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

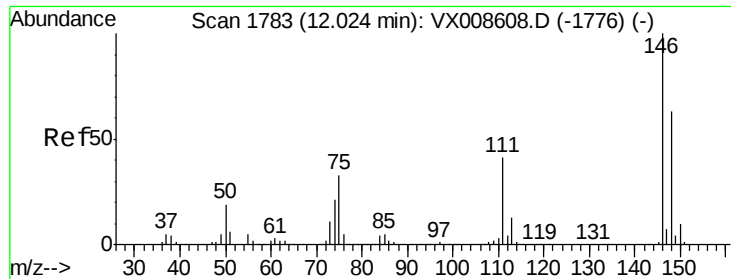
Tgt Ion:105 Resp: 180234
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.342 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:119 Resp: 161048
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.3 12.2 36.6

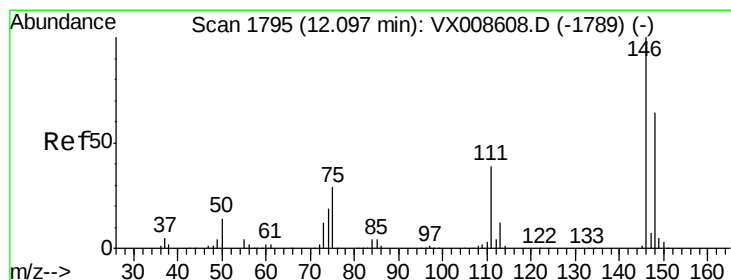
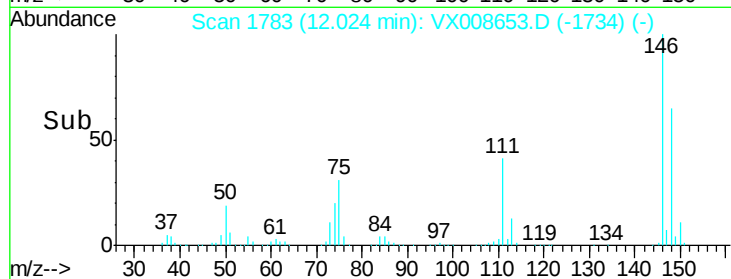
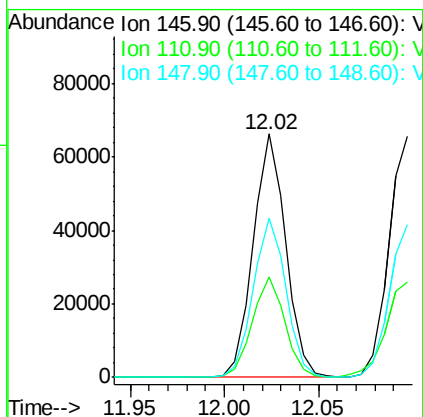
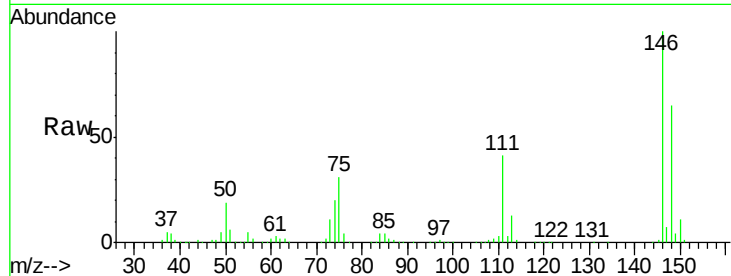




#87
 1,3-Dichlorobenzene
 Concen: 18.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

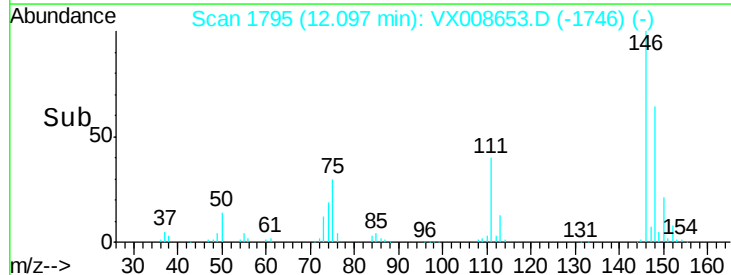
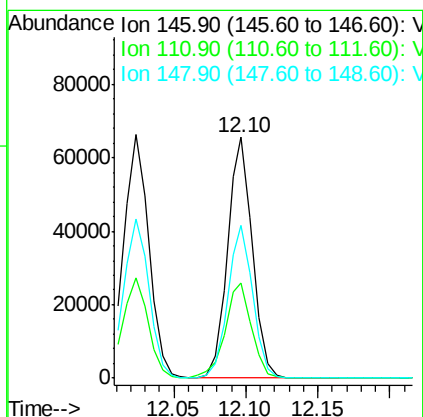
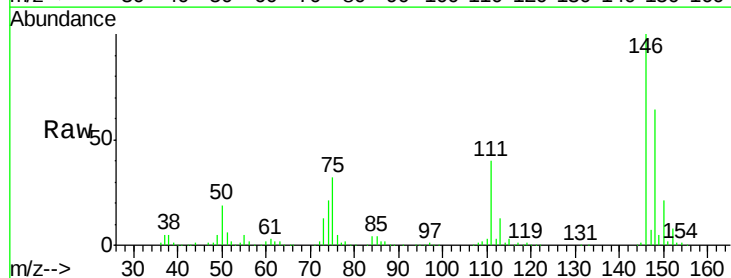
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

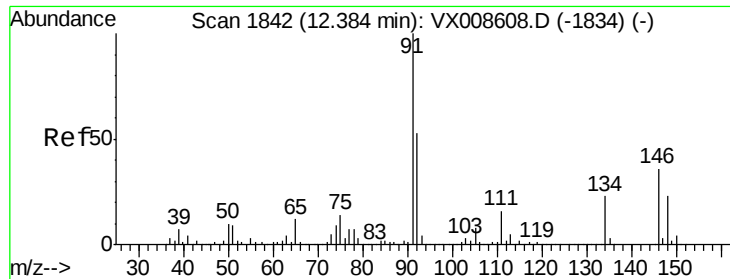
Tgt Ion:146 Resp: 79384
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 65.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.846 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:146 Resp: 79312
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.6
 148 63.8 32.0 96.0

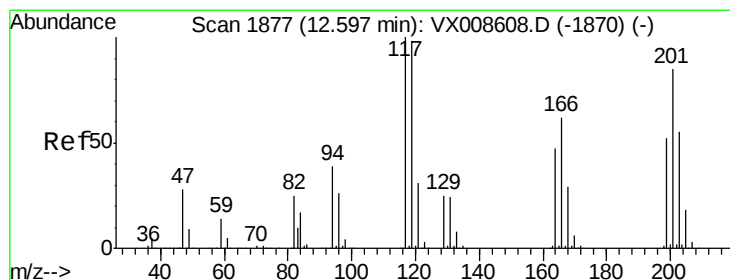
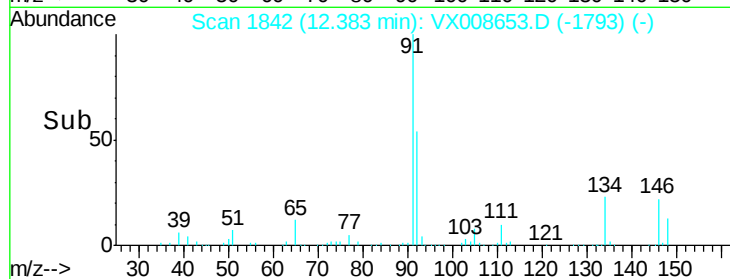
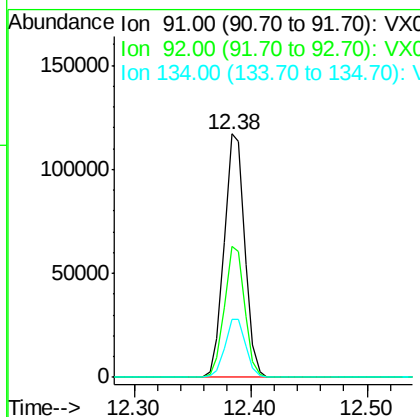
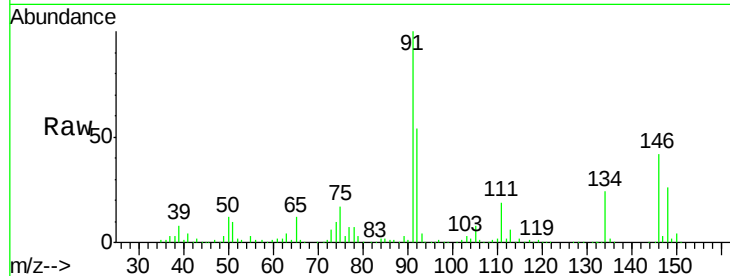




#89
n-Butylbenzene
Concen: 17.336 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

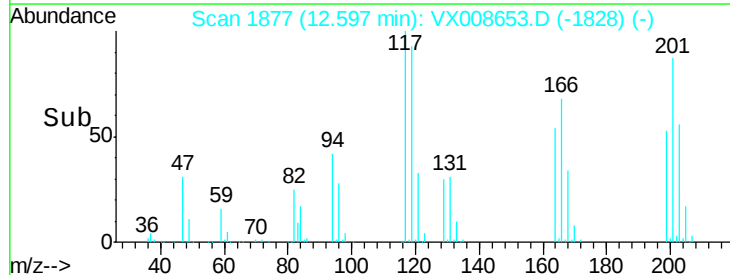
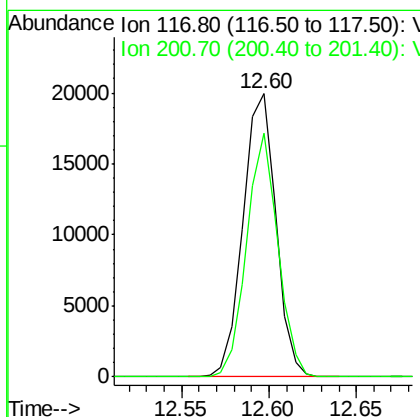
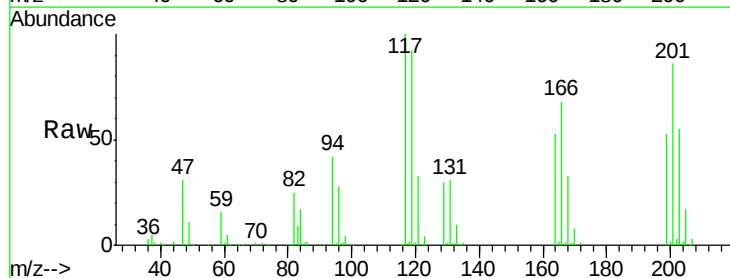
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tgt Ion: 91 Resp: 142750
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 24.1 12.0 36.0



#90
Hexachloroethane
Concen: 17.949 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 117 Resp: 26138
Ion Ratio Lower Upper
117 100
201 81.6 40.6 122.0

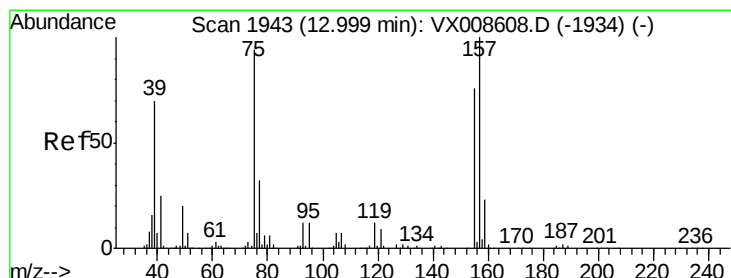
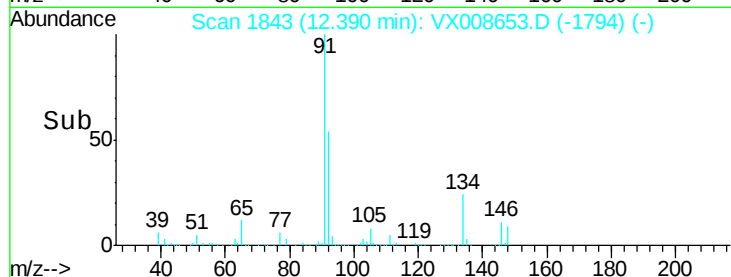
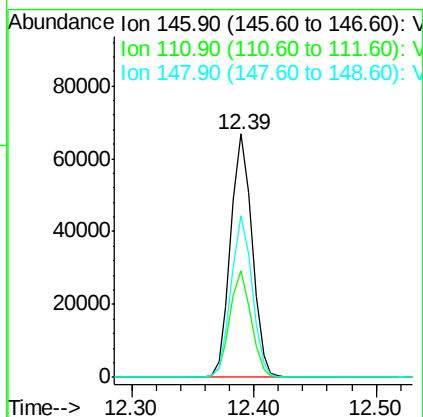
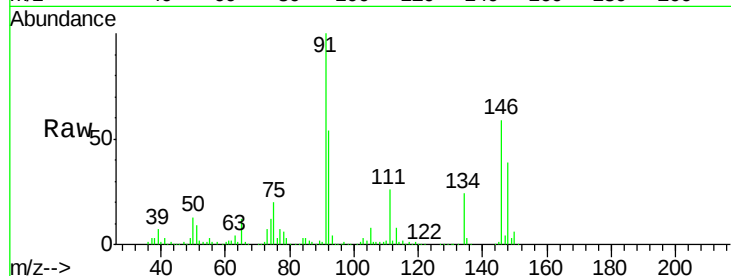




#91
 1,2-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

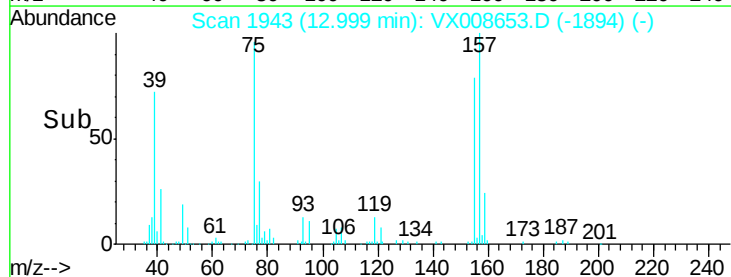
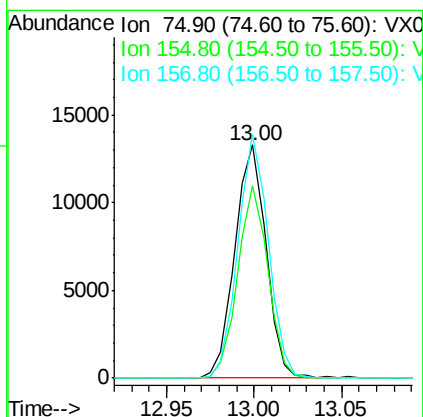
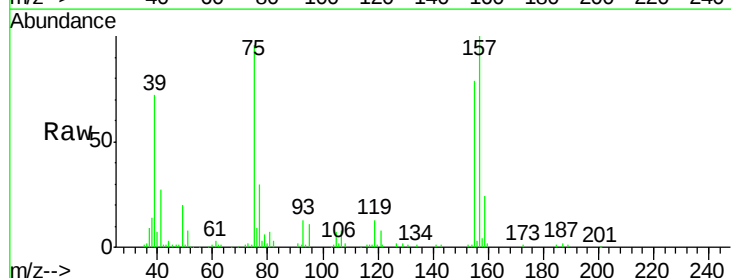
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tgt Ion:146 Resp: 81022
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 65.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.427 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion: 75 Resp: 16575
 Ion Ratio Lower Upper
 75 100
 155 79.7 39.9 119.6
 157 101.5 51.5 154.7

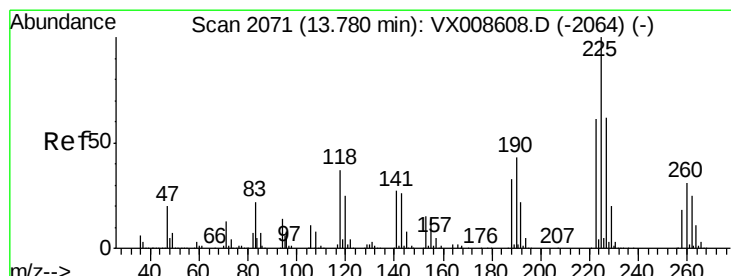
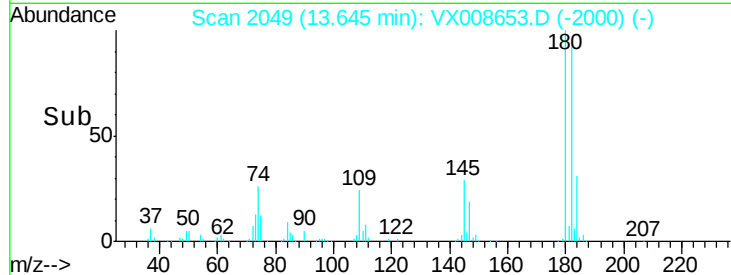
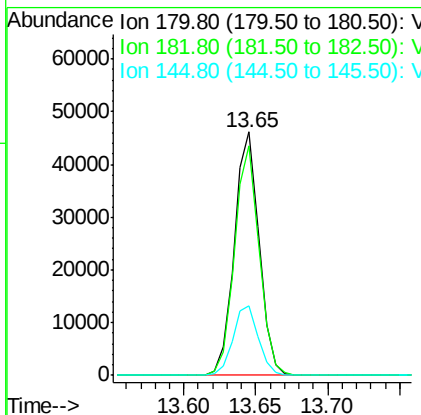
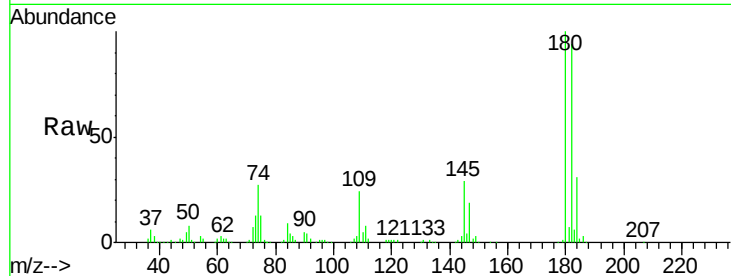




#93
 1,2,4-Trichlorobenzene
 Concen: 18.295 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

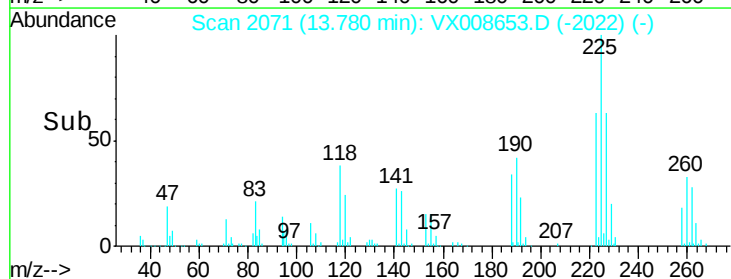
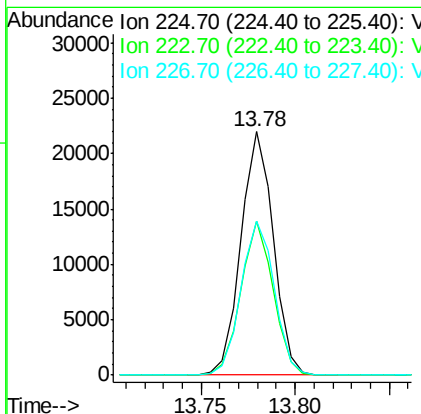
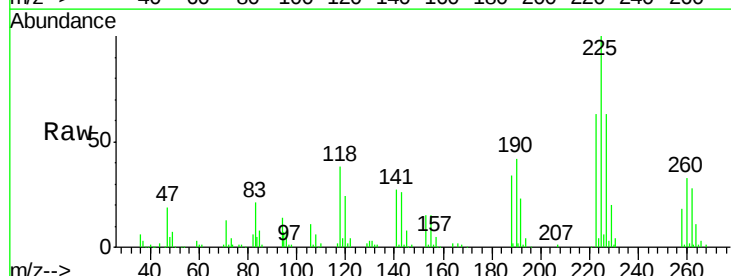
Instrument :
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 ClientSampleId :
 VX0404WBS02

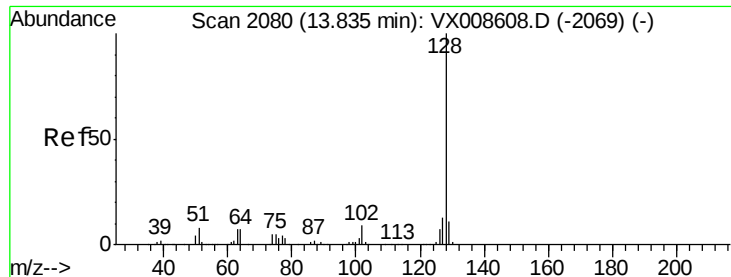
Tgt Ion:180 Resp: 55431
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.2 141.6
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.020 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:225 Resp: 26184
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.2 93.6
 227 65.0 31.9 95.5

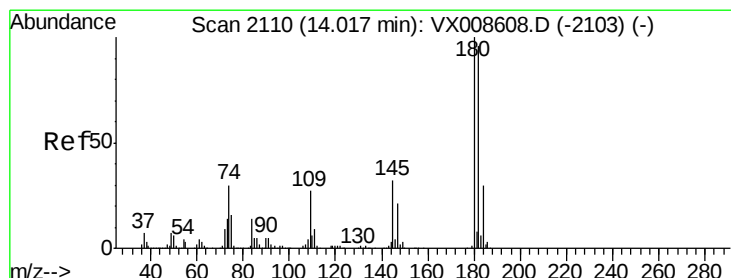
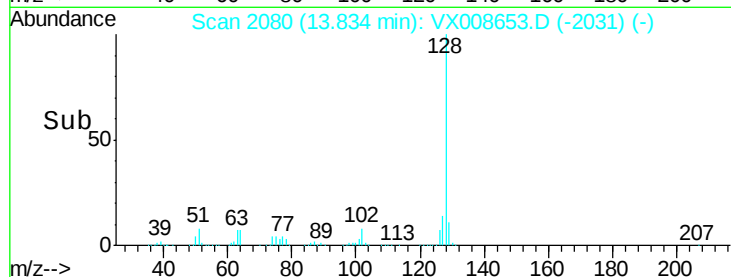
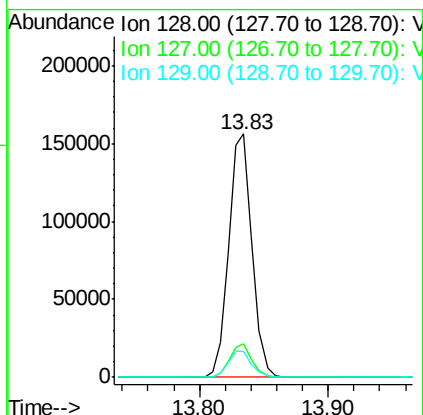
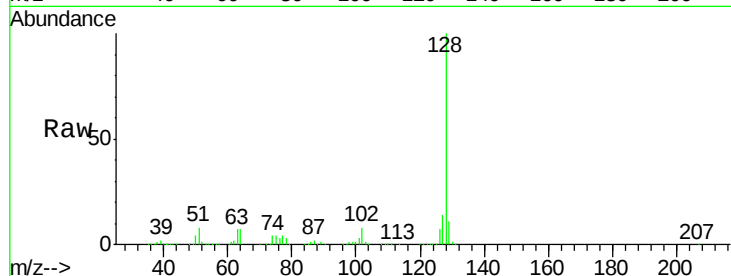




#95
Naphthalene
Concen: 19.490 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tgt Ion:128 Resp: 197358
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.861 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion:180 Resp: 57097
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 32.3 16.3 48.8

