

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008112.D
 Acq On : 15 Mar 2019 18:09
 Operator : JC/SP
 Sample : VX0315WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

Quant Time: Mar 16 01:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	120067	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
35) Dibromofluoromethane	5.51	113	112098	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	413641	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.13	95	145271	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35696	16.950	ug/l	100
3) Chloromethane	1.33	50	33104	13.350	ug/l	99
4) Vinyl Chloride	1.41	62	34844	14.727	ug/l	98
5) Bromomethane	1.64	94	22096	18.232	ug/l	97
6) Chloroethane	1.73	64	21886	16.723	ug/l	96
7) Trichlorofluoromethane	1.93	101	47558	16.748	ug/l	100
8) Diethyl Ether	2.20	74	25469	18.043	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39465	18.595	ug/l	97
10) Methyl Iodide	2.51	142	56050	18.905	ug/l	96
11) Tert butyl alcohol	3.07	59	51167	99.791	ug/l	100
12) 1,1-Dichloroethene	2.38	96	37315	18.602	ug/l	88
13) Acrolein	2.30	56	35934	76.083	ug/l	98
14) Allyl chloride	2.73	41	63053	17.257	ug/l	95
15) Acrylonitrile	3.15	53	114488	91.569	ug/l	98
16) Acetone	2.45	43	112108	89.476	ug/l	97
17) Carbon Disulfide	2.57	76	103297	17.935	ug/l	97
18) Methyl Acetate	2.78	43	52145	19.256	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	123903	18.269	ug/l	99
20) Methylene Chloride	2.86	84	40536	18.115	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	39588	18.317	ug/l	91
22) Diisopropyl ether	3.87	45	127117	17.507	ug/l	97
23) Vinyl Acetate	3.82	43	550945	89.218	ug/l	97
24) 1,1-Dichloroethane	3.70	63	73262	18.406	ug/l	98
25) 2-Butanone	4.70	43	174954	90.971	ug/l	94
26) 2,2-Dichloropropane	4.59	77	53234	17.506	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	47321	18.419	ug/l	94
28) Bromochloromethane	5.02	49	33257	17.691	ug/l	84
29) Tetrahydrofuran	5.16	42	108316	90.222	ug/l	93
30) Chloroform	5.21	83	73032	18.114	ug/l	99
31) Cyclohexane	5.57	56	65429	17.242	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	61740	18.180	ug/l	98
36) 1,1-Dichloropropene	5.80	75	54096	17.883	ug/l	97
37) Ethyl Acetate	4.86	43	60293	18.545	ug/l	97
38) Carbon Tetrachloride	5.79	117	54592	18.749	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008112.D
 Acq On : 15 Mar 2019 18:09
 Operator : JC/SP
 Sample : VX0315WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

Quant Time: Mar 16 01:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67590	17.480	ug/l	98
40) Benzene	6.14	78	168824	18.217	ug/l	98
41) Methacrylonitrile	5.06	41	33473	17.683	ug/l	94
42) 1,2-Dichloroethane	6.20	62	54576	18.409	ug/l	99
43) Isopropyl Acetate	6.46	43	91994	17.570	ug/l	97
44) Trichloroethene	7.21	130	48670	18.198	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43458	17.775	ug/l	99
46) Dibromomethane	7.66	93	28809	18.800	ug/l	96
47) Bromodichloromethane	7.90	83	52383	17.975	ug/l	98
48) Methyl methacrylate	7.77	41	48054	17.573	ug/l	94
49) 1,4-Dioxane	7.75	88	23872	404.753	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	307776	89.190	ug/l	96
52) Toluene	8.79	92	104767	17.785	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	55570	17.394	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	62892	17.713	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	44139	18.402	ug/l	98
56) Ethyl methacrylate	9.18	69	63886	18.031	ug/l	93
57) 1,3-Dichloropropane	9.37	76	71655	18.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	183202	87.893	ug/l	96
59) 2-Hexanone	9.49	43	241785	89.591	ug/l	96
60) Dibromochloromethane	9.59	129	45126	18.254	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46553	18.523	ug/l	100
64) Tetrachloroethene	9.34	164	48977	18.548	ug/l	98
65) Chlorobenzene	10.14	112	119000	18.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	43108	18.782	ug/l	100
67) Ethyl Benzene	10.25	91	192565	17.989	ug/l	100
68) m/p-Xylenes	10.36	106	151918	37.089	ug/l	98
69) o-Xylene	10.69	106	74114	18.561	ug/l	98
70) Styrene	10.71	104	120777	18.464	ug/l	98
71) Bromoform	10.85	173	36192	19.055	ug/l #	99
73) Isopropylbenzene	11.02	105	200295	18.740	ug/l	100
74) N-amyl acetate	10.90	43	75776	16.807	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	65144	18.602	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	72908	25.157	ug/l	93
77) Bromobenzene	11.26	156	54668	18.739	ug/l	94
78) n-propylbenzene	11.36	91	213374	18.197	ug/l	99
79) 2-Chlorotoluene	11.42	91	130413	18.211	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	165317	18.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18196	17.867	ug/l	98
82) 4-Chlorotoluene	11.51	91	148636	18.123	ug/l	97
83) tert-Butylbenzene	11.77	119	162404	18.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	169549	18.663	ug/l	100
85) sec-Butylbenzene	11.94	105	194739	18.519	ug/l	100
86) p-Isopropyltoluene	12.06	119	176533	18.563	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	96532	18.592	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	96862	18.372	ug/l	99
89) n-Butylbenzene	12.38	91	139128	17.484	ug/l	98
90) Hexachloroethane	12.60	117	26669	17.522	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	97673	18.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13486	19.047	ug/l	88

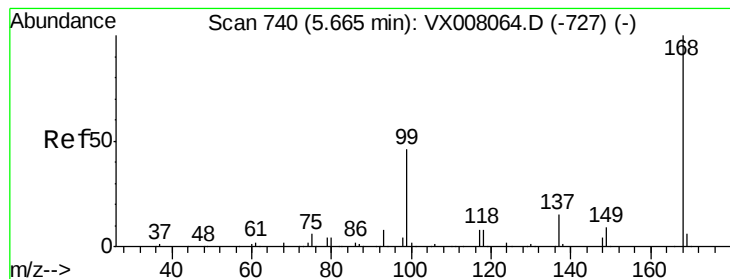
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
Data File : VX008112.D
Acq On : 15 Mar 2019 18:09
Operator : JC/SP
Sample : VX0315WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

Quant Time: Mar 16 01:07:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67525	18.505	ug/l	99
94) Hexachlorobutadiene	13.78	225	37526	18.929	ug/l	99
95) Naphthalene	13.83	128	199994	19.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68871	19.173	ug/l	100

(#) = 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. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

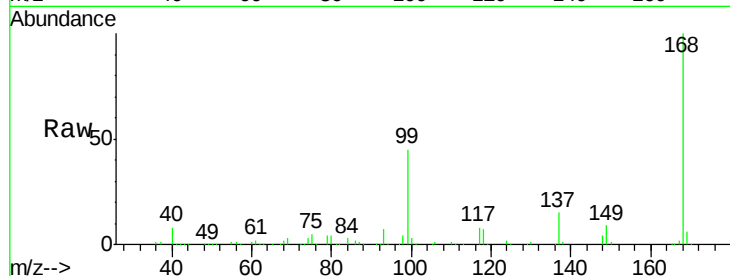
VX0315WBS02

Tot Ion:168 Resp: 263095

Ion Ratio Lower Upper

168 100

99 44.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

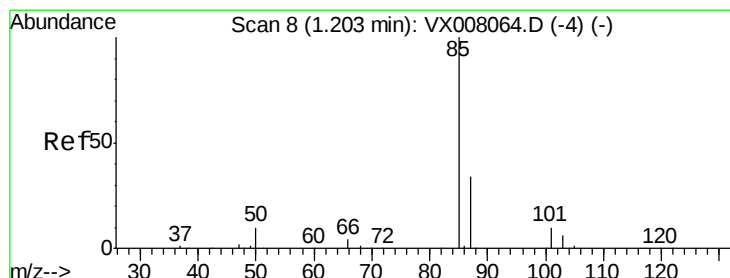
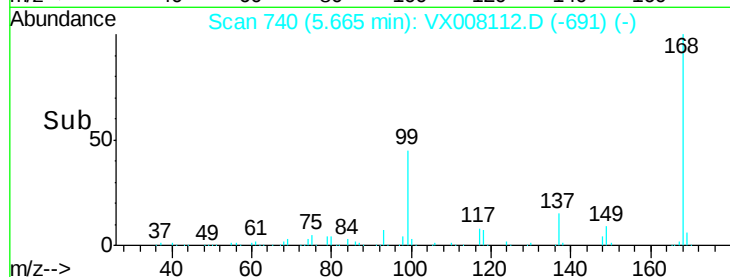
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.950 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008112.D

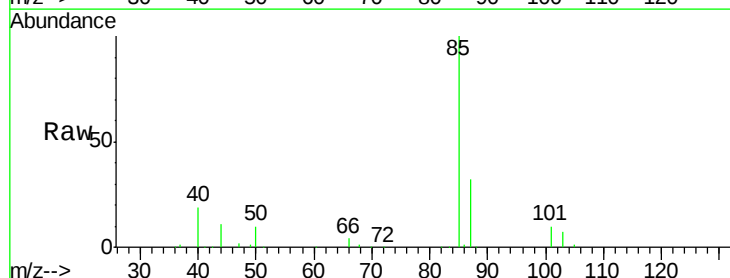
Acq: 15 Mar 2019 18:09

Tgt Ion: 85 Resp: 35696

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

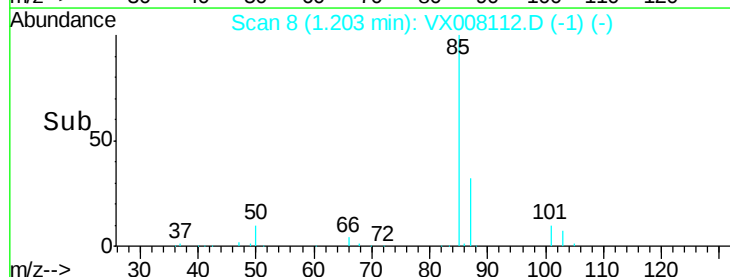
30000

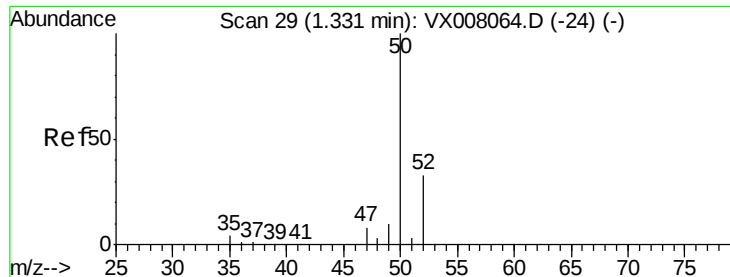
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 13.350 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

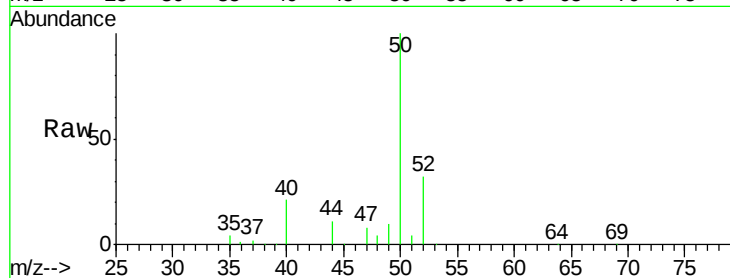
VX0315WBS02

Tot Ion: 50 Resp: 33104

Ion Ratio Lower Upper

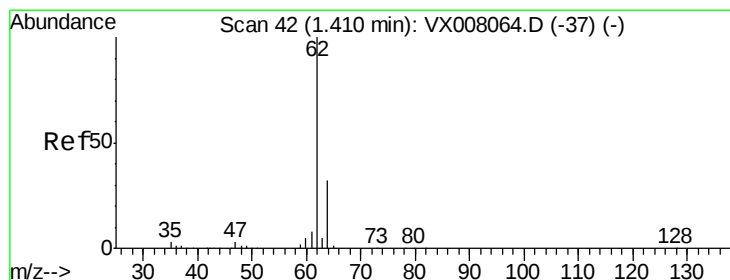
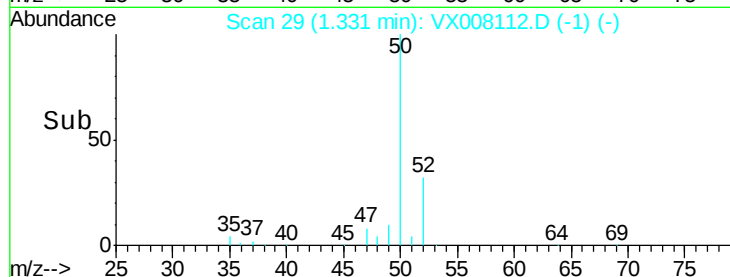
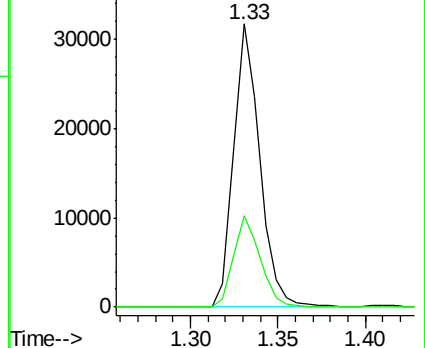
50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.727 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008112.D

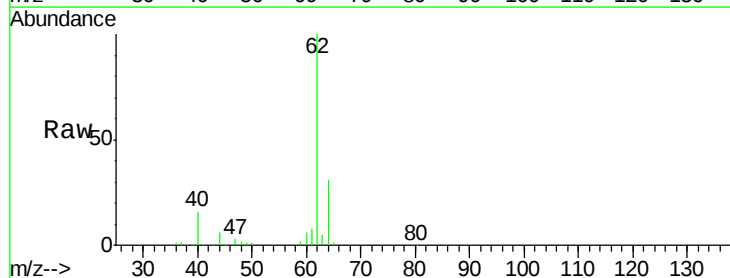
Acq: 15 Mar 2019 18:09

Tgt Ion: 62 Resp: 34844

Ion Ratio Lower Upper

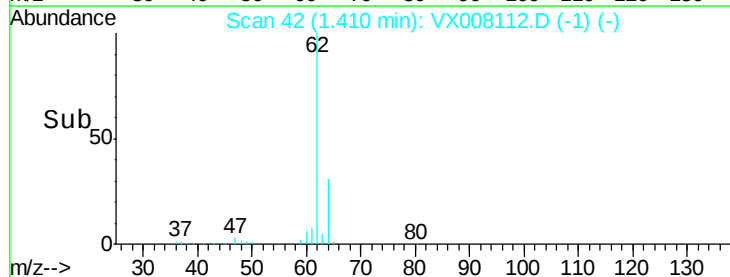
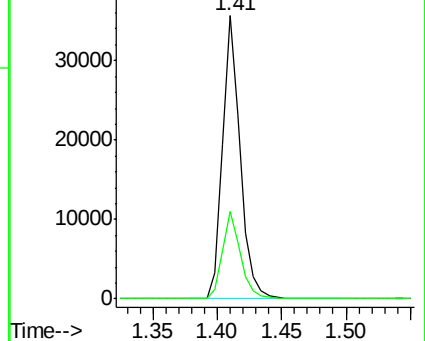
62 100

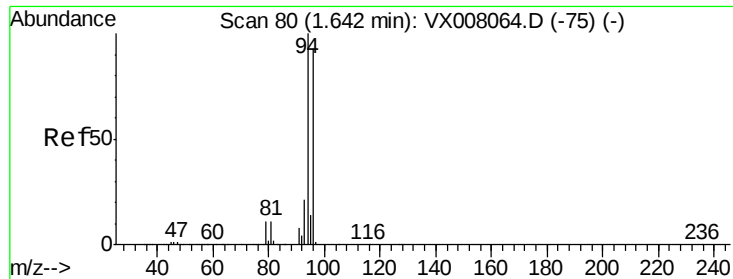
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.232 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

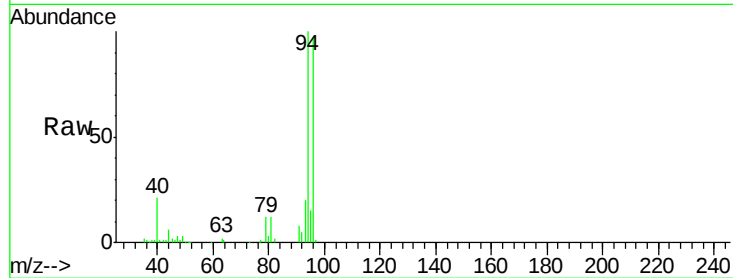
VX0315WBS02

Tot Ion: 94 Resp: 22096

Ion Ratio Lower Upper

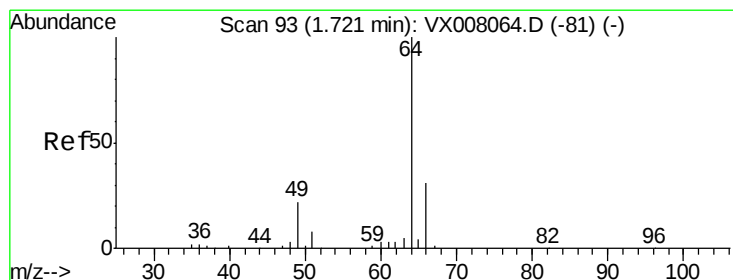
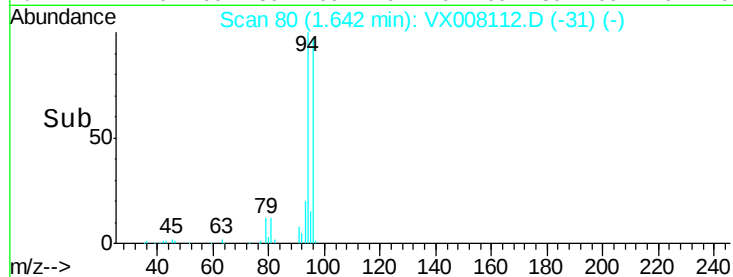
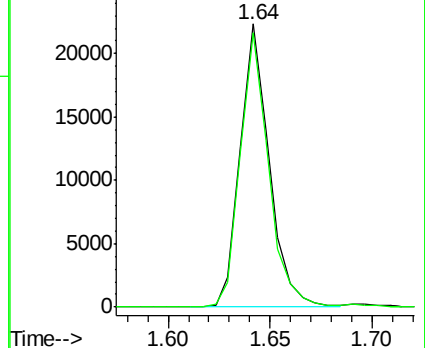
94 100

96 97.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.723 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008112.D

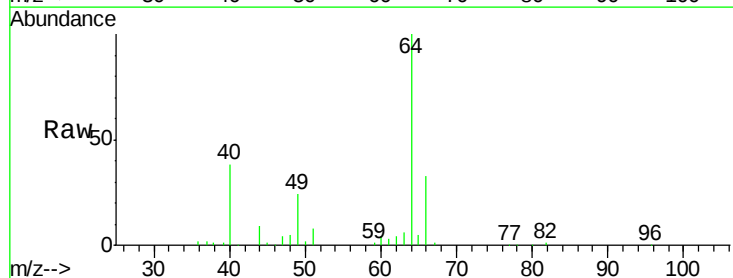
Acq: 15 Mar 2019 18:09

Tgt Ion: 64 Resp: 21886

Ion Ratio Lower Upper

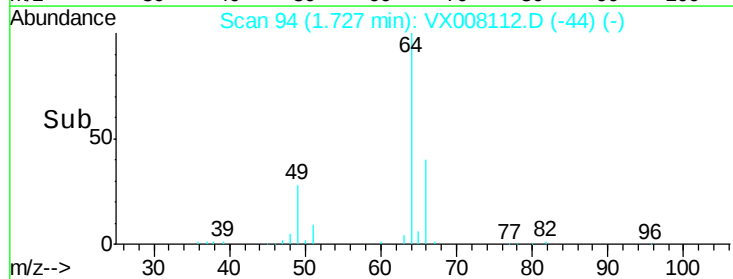
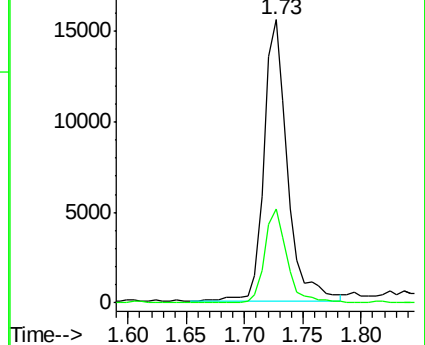
64 100

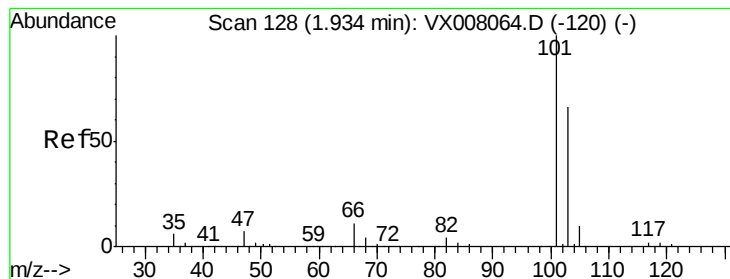
66 33.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



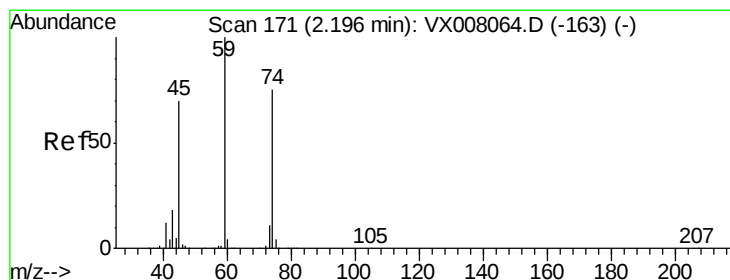
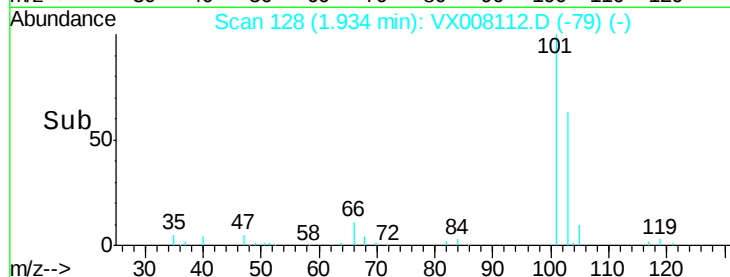
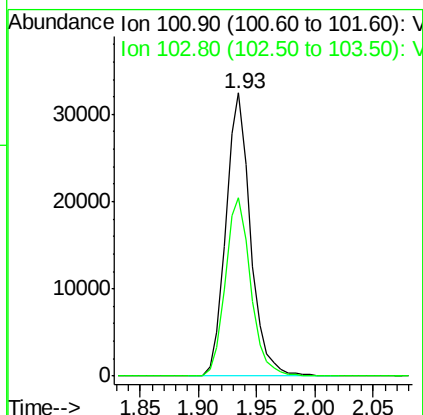
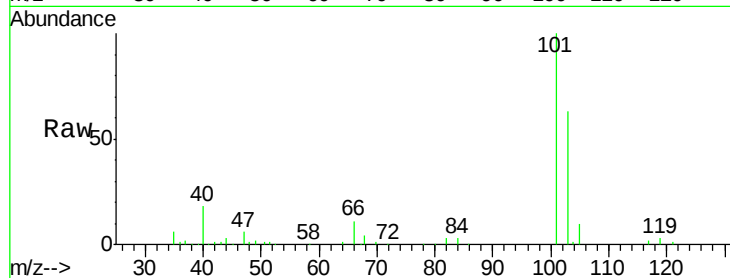


#7

Trichlorofluoromethane
 Concen: 16.748 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

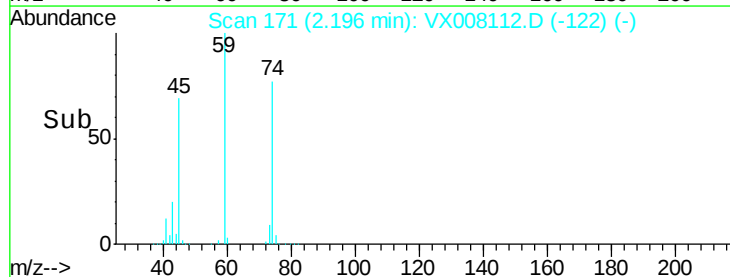
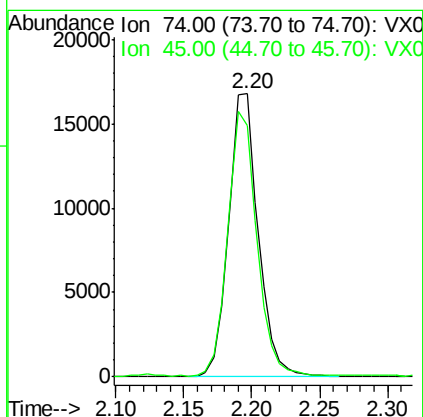
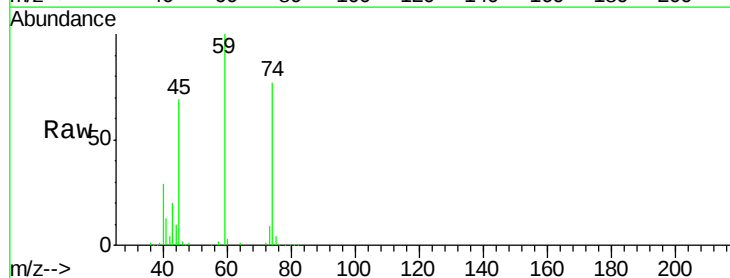
Tot Ion:101 Resp: 47558
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.4 75.6

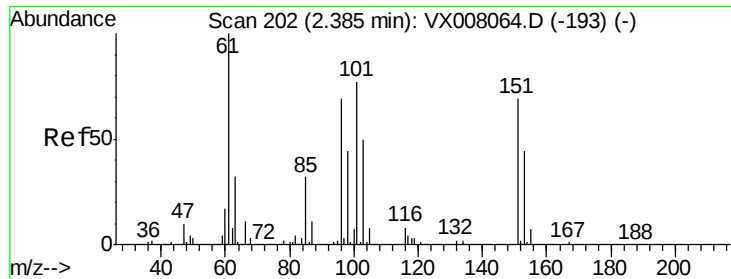


#8

Diethyl Ether
 Concen: 18.043 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 74 Resp: 25469
 Ion Ratio Lower Upper
 74 100
 45 91.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.595 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS02

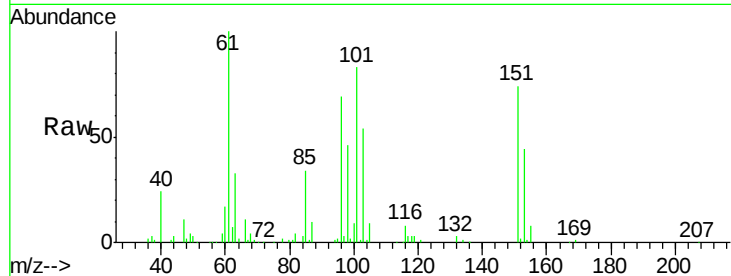
Tot Ion:101 Resp: 39465

Ion Ratio Lower Upper

101 100

85 40.4 33.8 50.6

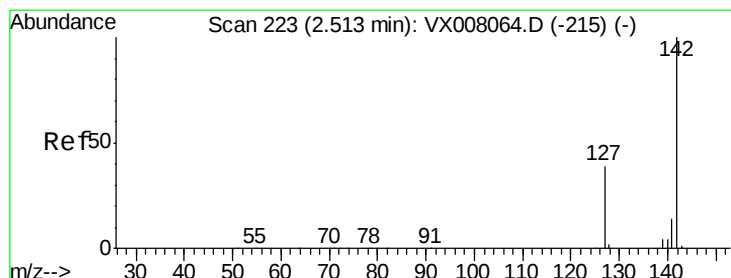
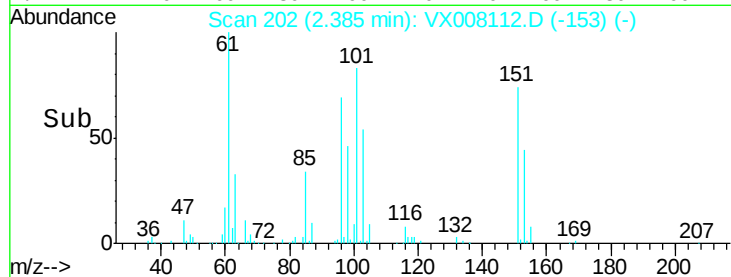
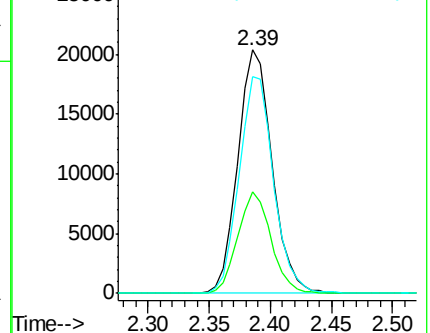
151 89.7 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.905 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

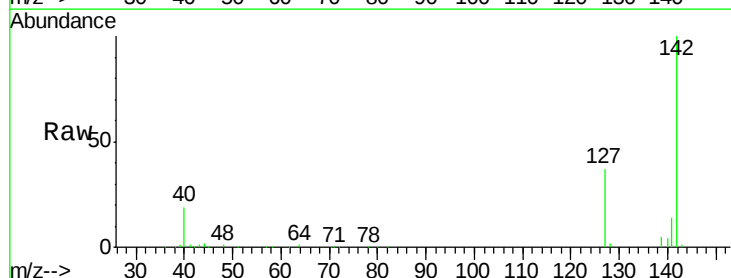
Tgt Ion:142 Resp: 56050

Ion Ratio Lower Upper

142 100

127 37.1 32.1 48.1

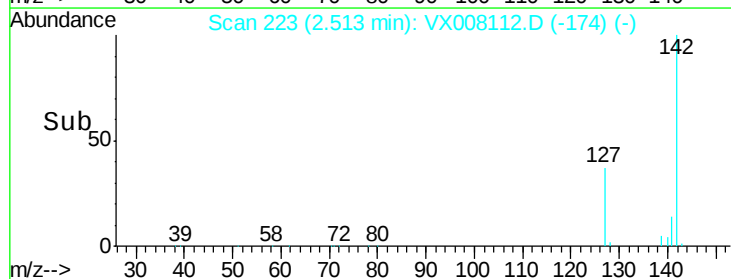
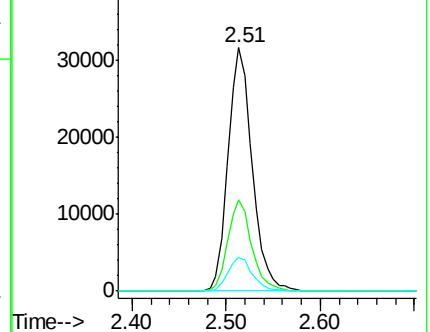
141 13.9 11.4 17.2

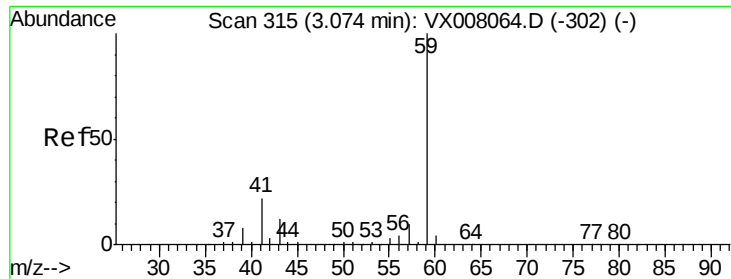


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



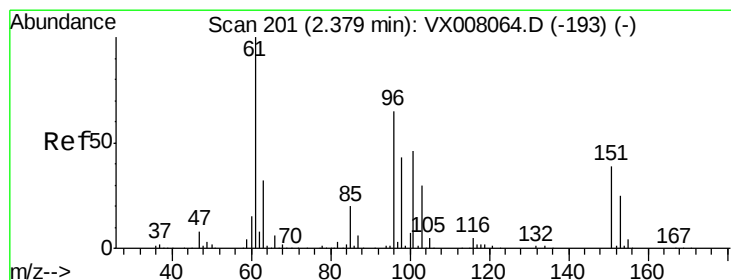
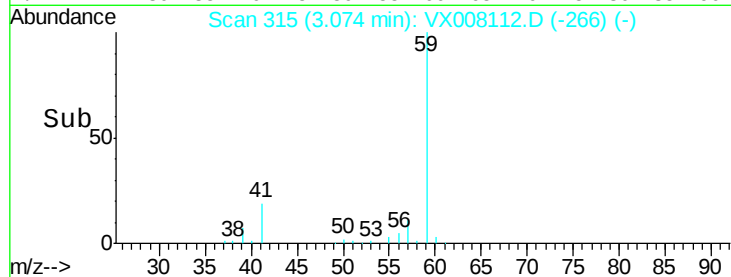
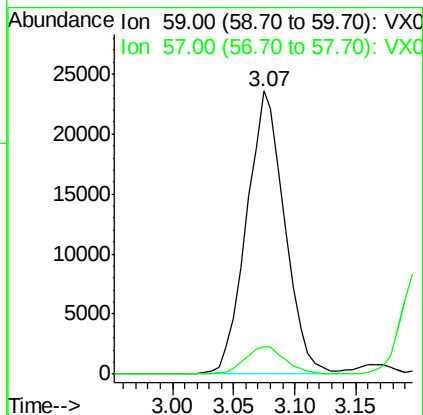
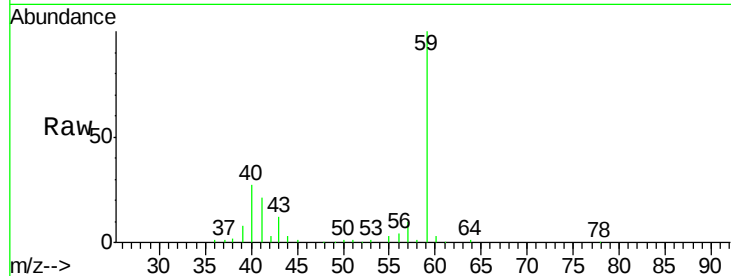


#11

Tert butyl alcohol
 Concen: 99.791 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

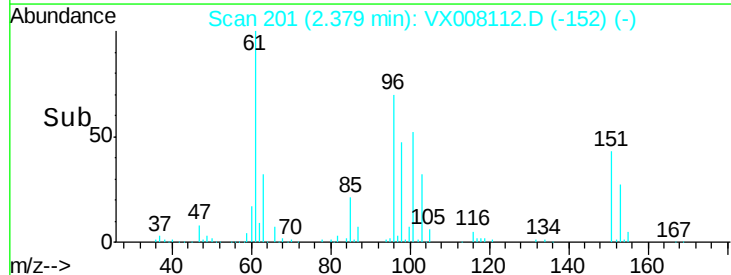
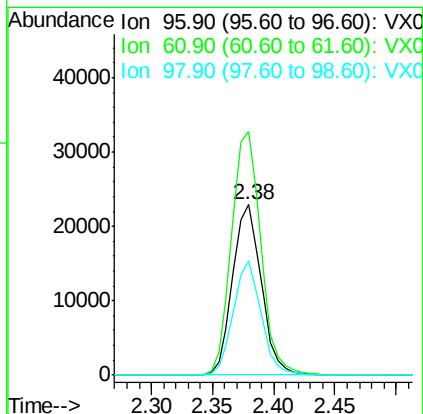
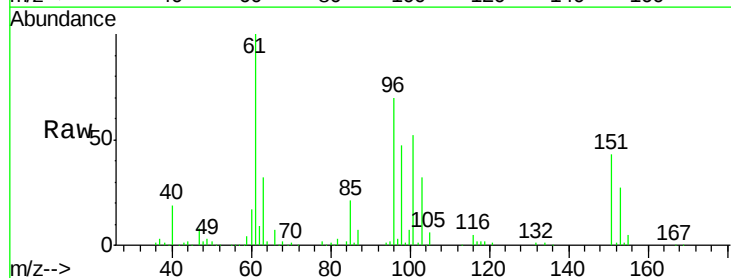
Tot Ion: 59 Resp: 51167
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

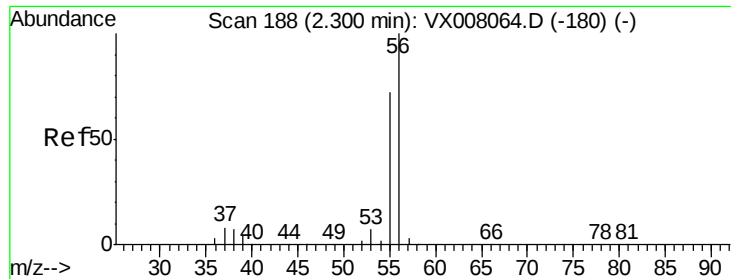


#12

1,1-Dichloroethene
 Concen: 18.602 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 96 Resp: 37315
 Ion Ratio Lower Upper
 96 100
 61 143.0 129.8 194.6
 98 67.4 51.0 76.6





#13

Acrolein

Concen: 76.083 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

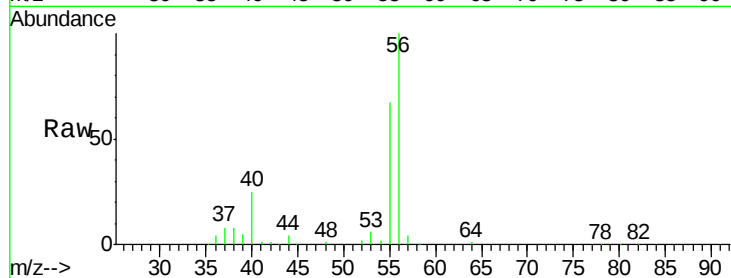
VX0315WBS02

Tot Ion: 56 Resp: 35934

Ion Ratio Lower Upper

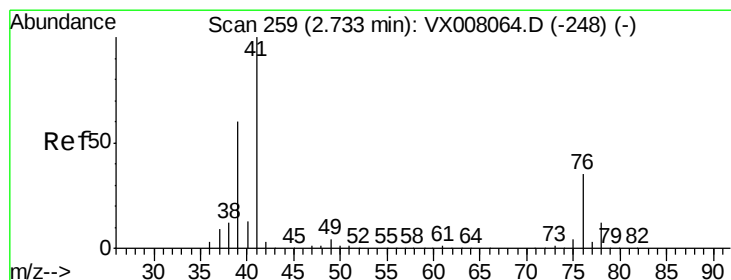
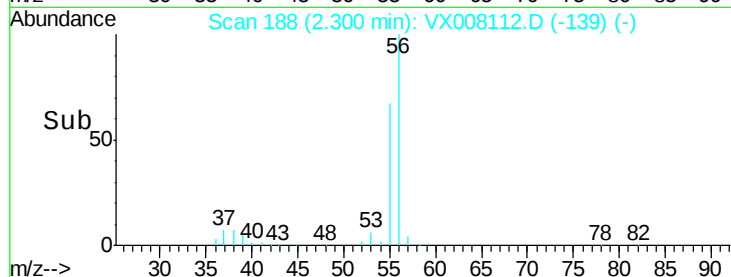
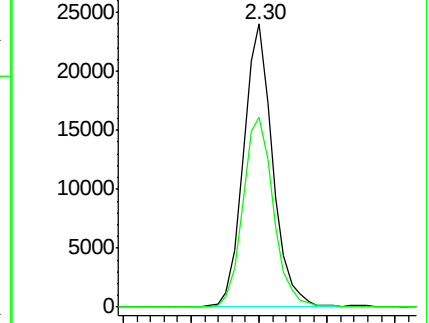
56 100

55 70.3 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.257 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

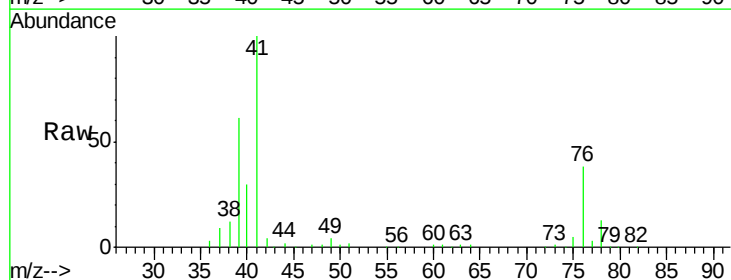
Tgt Ion: 41 Resp: 63053

Ion Ratio Lower Upper

41 100

39 59.8 46.1 69.1

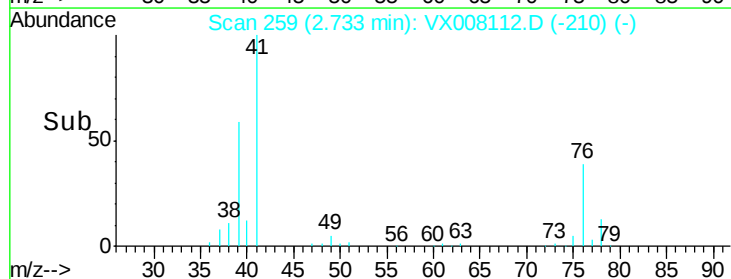
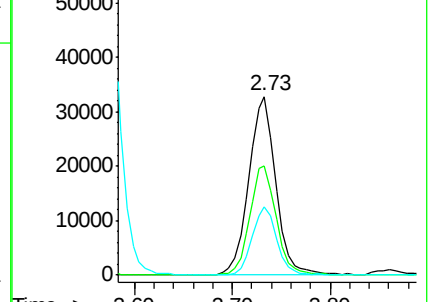
76 35.0 24.0 36.0

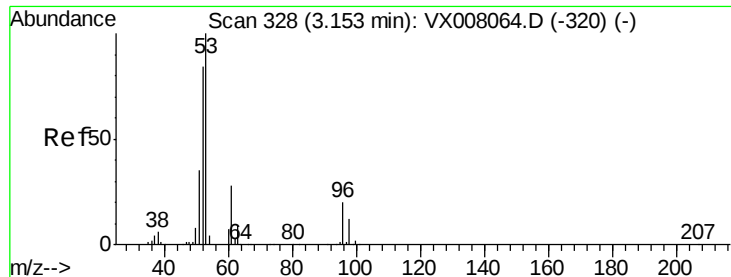


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.569 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

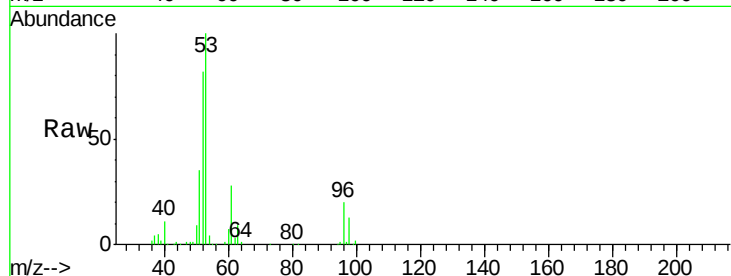
Tot Ion: 53 Resp: 114488

Ion Ratio Lower Upper

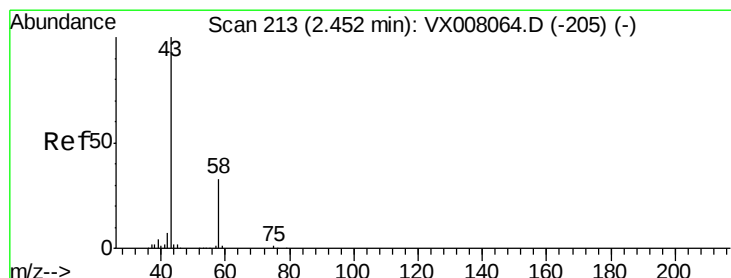
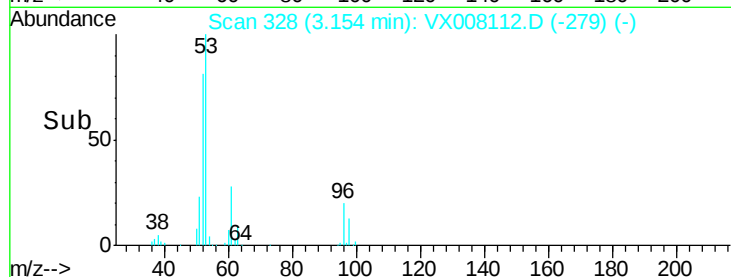
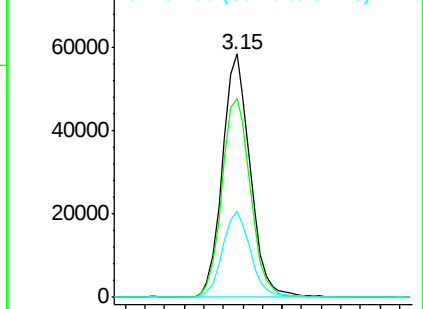
53 100

52 84.4 66.0 99.0

51 36.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.476 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX008112.D

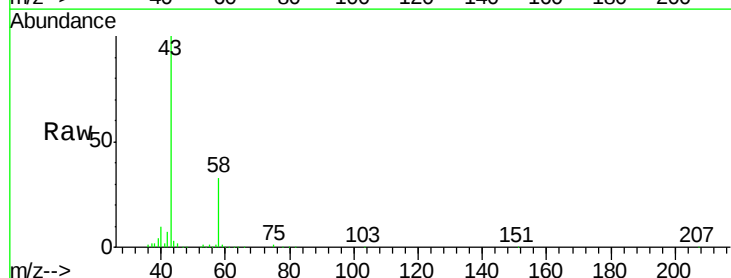
Acq: 15 Mar 2019 18:09

Tgt Ion: 43 Resp: 112108

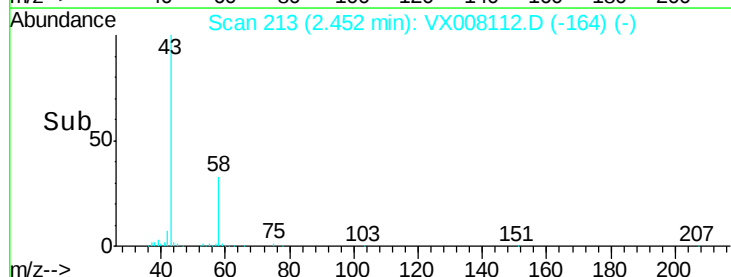
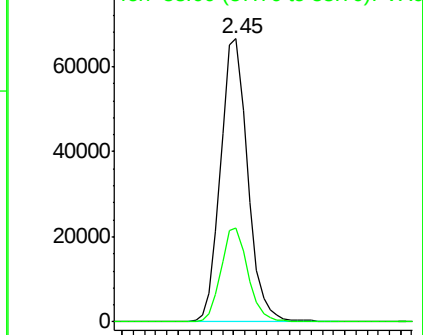
Ion Ratio Lower Upper

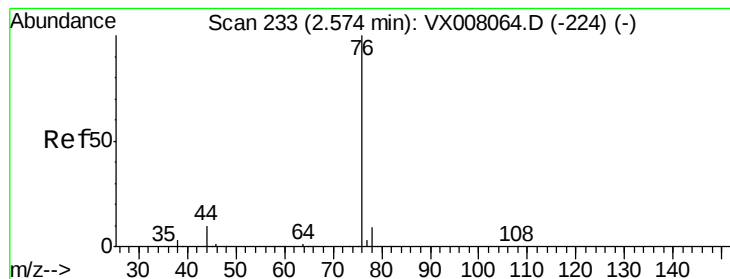
43 100

58 33.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.935 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

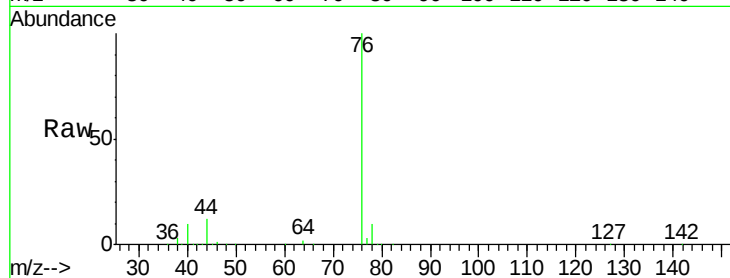
VX0315WBS02

Tot Ion: 76 Resp: 103297

Ion Ratio Lower Upper

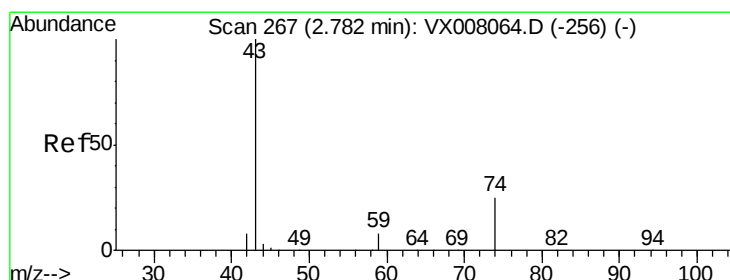
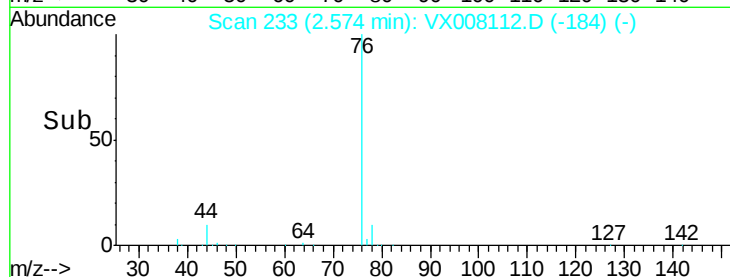
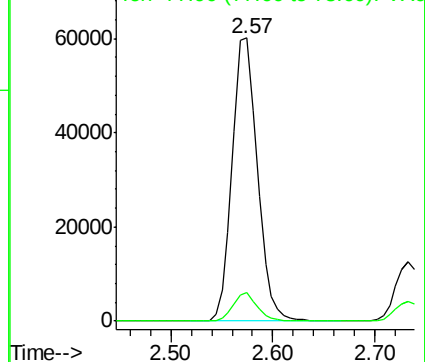
76 100

78 10.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.256 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008112.D

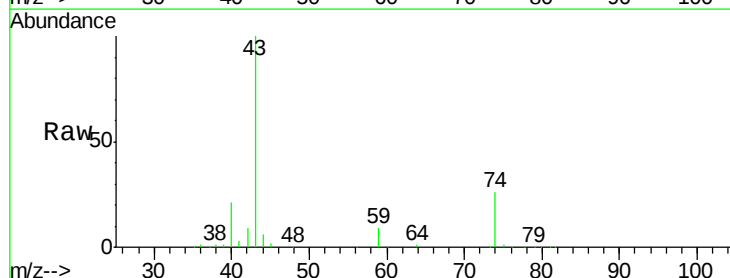
Acq: 15 Mar 2019 18:09

Tgt Ion: 43 Resp: 52145

Ion Ratio Lower Upper

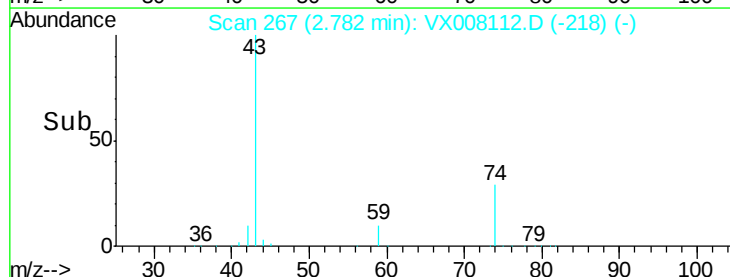
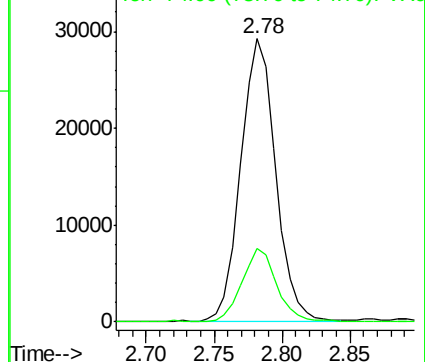
43 100

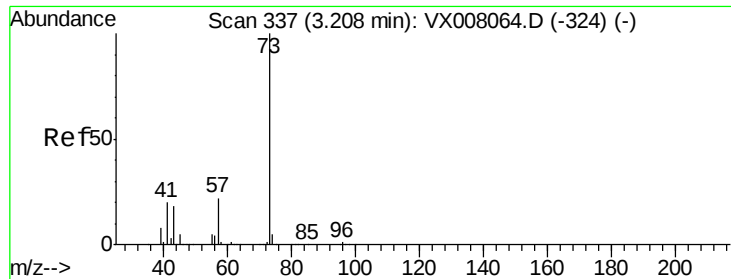
74 26.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



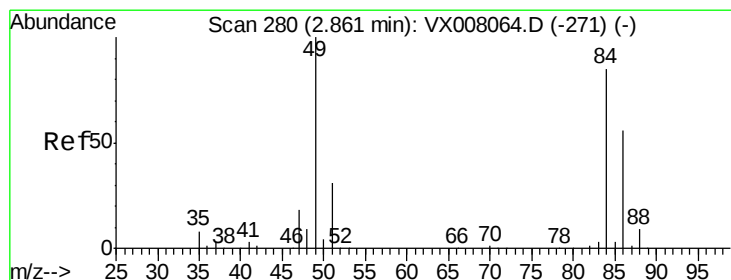
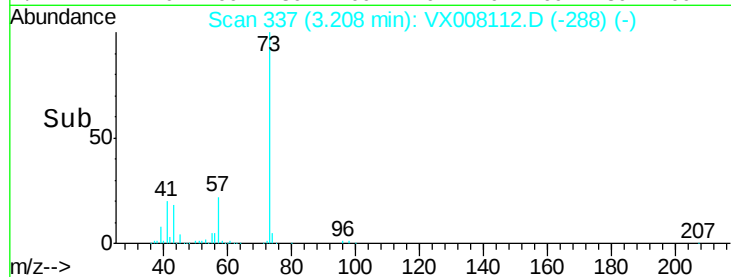
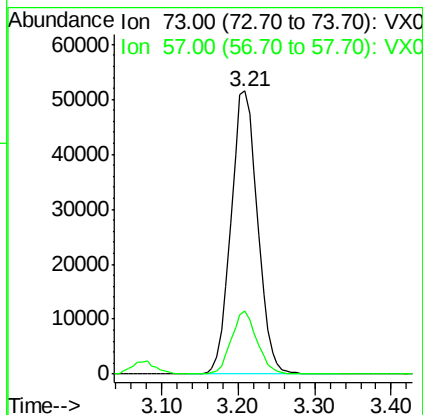
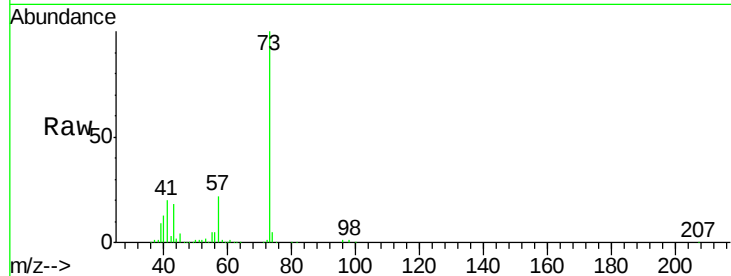


#19

Methyl tert-butyl Ether
 Concen: 18.269 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

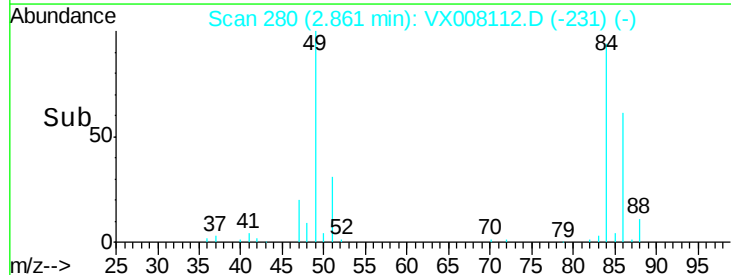
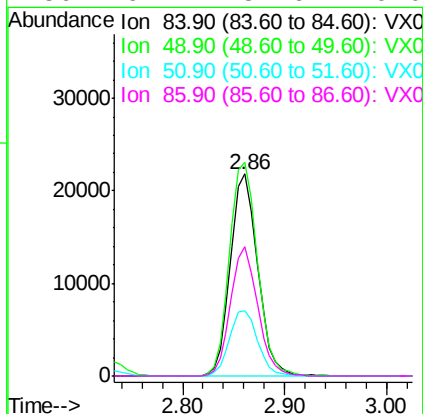
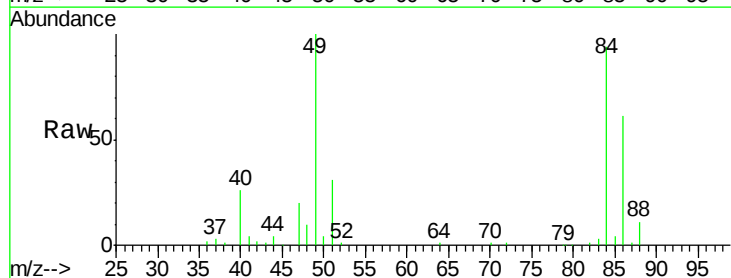
Tot Ion: 73 Resp: 123903
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.4

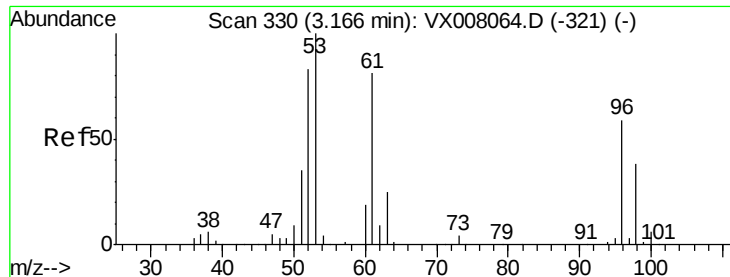


#20

Methylene Chloride
 Concen: 18.115 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 84 Resp: 40536
 Ion Ratio Lower Upper
 84 100
 49 105.9 99.3 148.9
 51 32.6 31.3 46.9
 86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.317 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

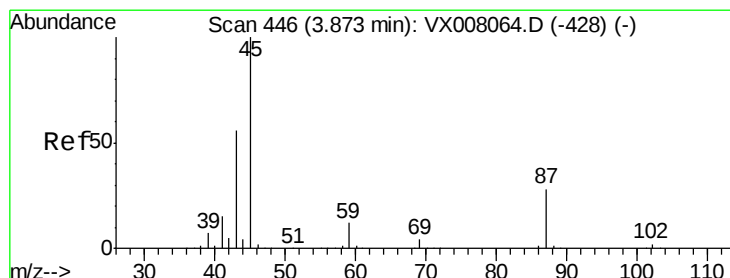
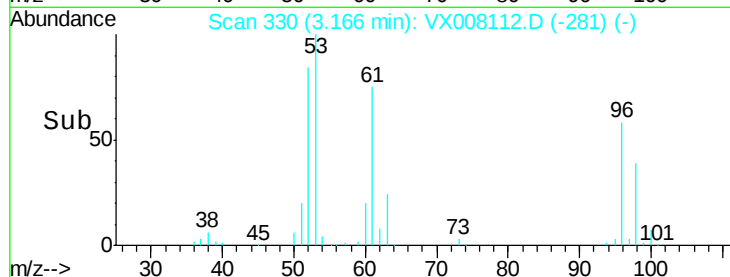
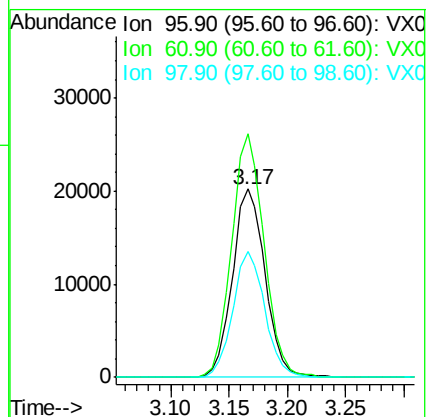
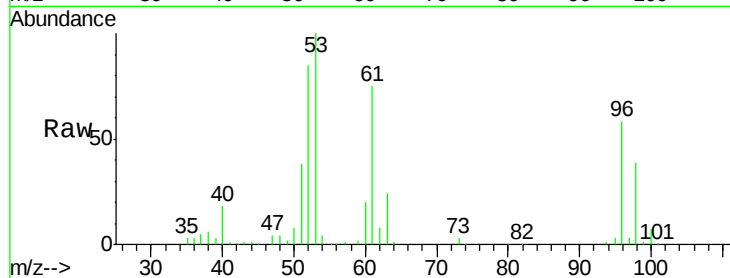
Tot Ion: 96 Resp: 39588

Ion Ratio Lower Upper

96 100

61 129.2 114.4 171.6

98 66.9 51.1 76.7



#22

Diisopropyl ether

Concen: 17.507 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Tgt Ion: 45 Resp: 127117

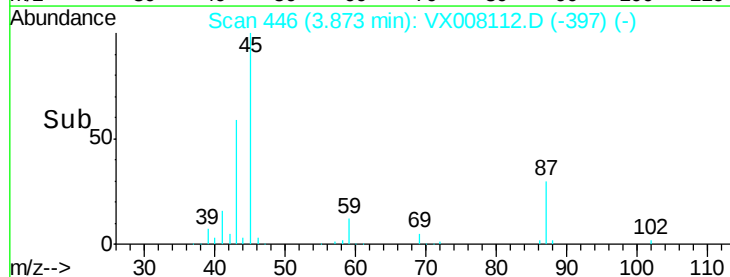
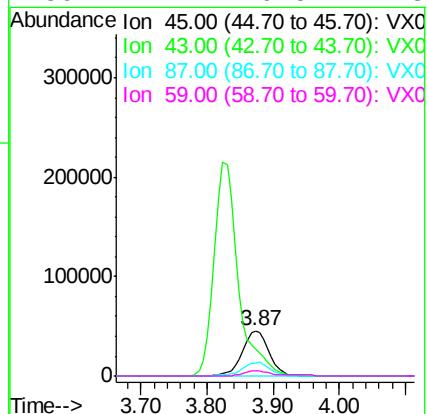
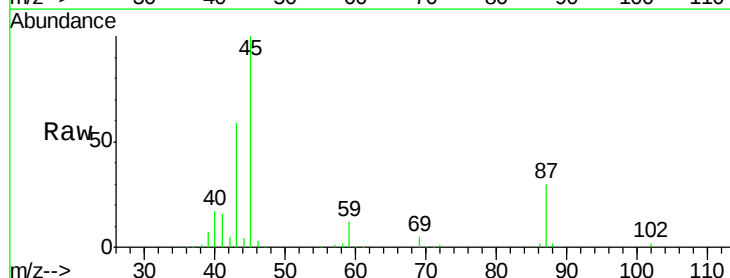
Ion Ratio Lower Upper

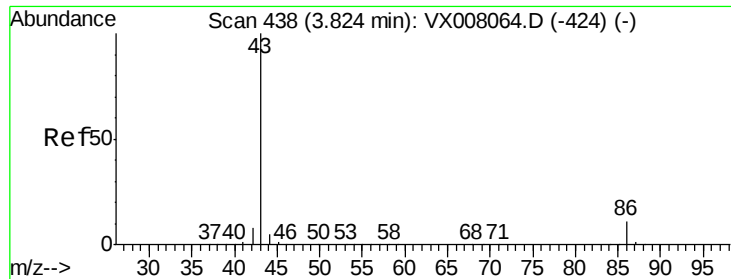
45 100

43 58.4 45.3 67.9

87 29.7 21.4 32.0

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 89.218 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

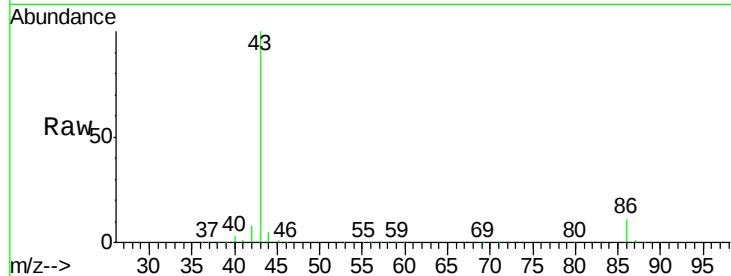
VX0315WBS02

Tot Ion: 43 Resp: 550945

Ion Ratio Lower Upper

43 100

86 10.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

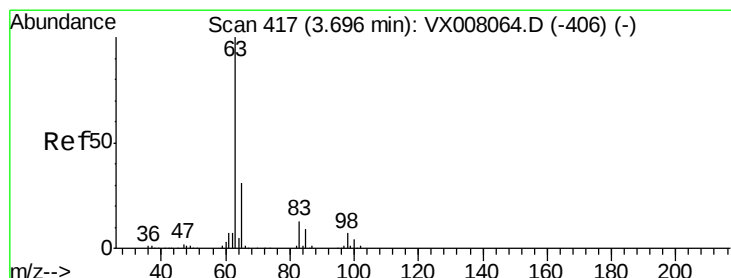
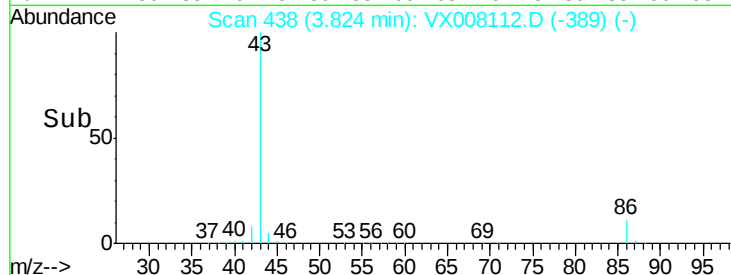
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.406 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

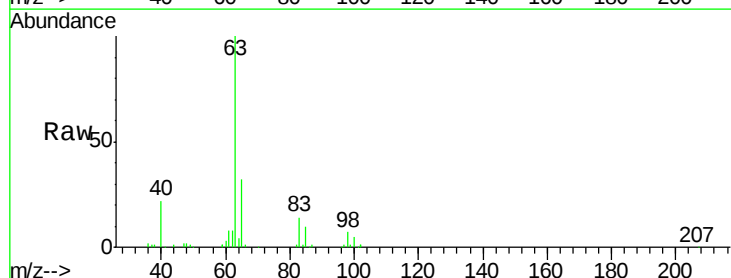
Tgt Ion: 63 Resp: 73262

Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.6 2.3 6.8



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

40000

30000

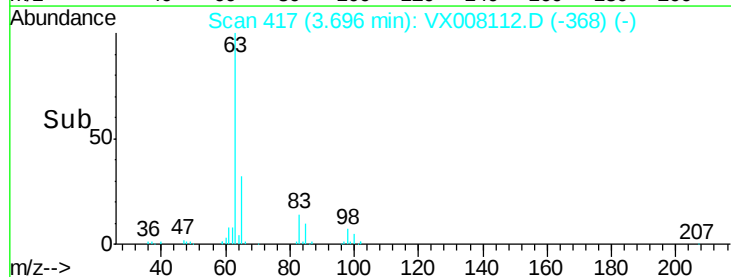
20000

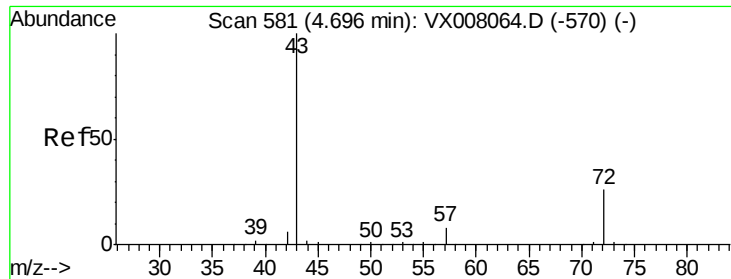
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 90.971 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

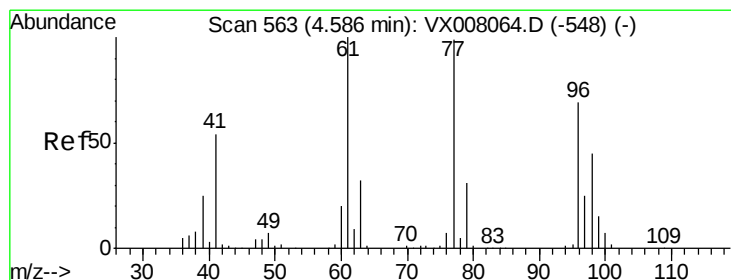
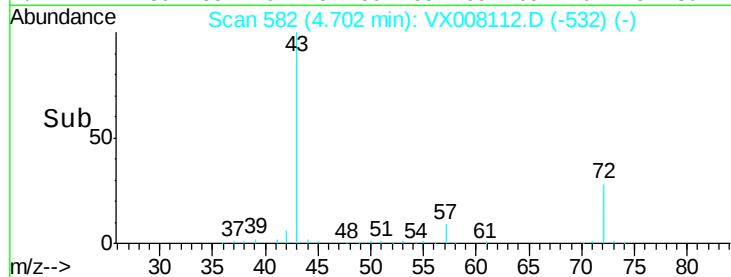
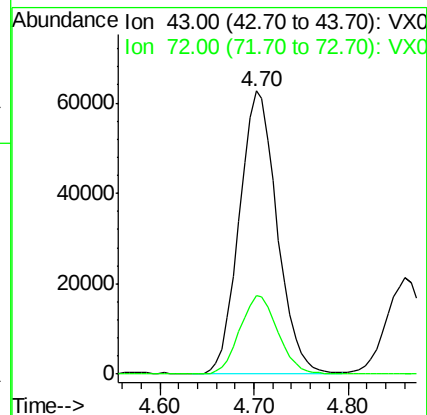
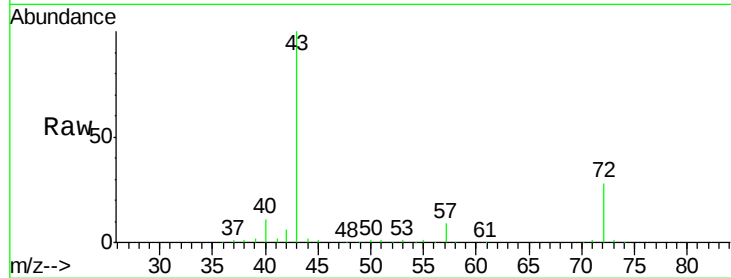
VX0315WBS02

Tot Ion: 43 Resp: 174954

Ion Ratio Lower Upper

43 100

72 27.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.506 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008112.D

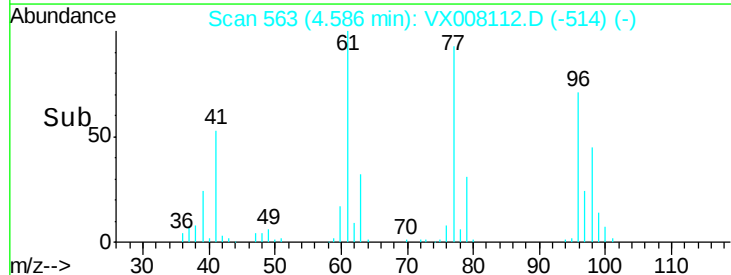
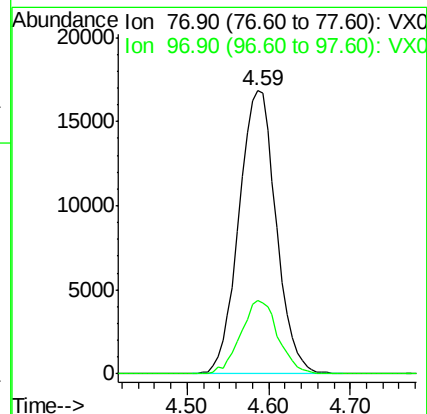
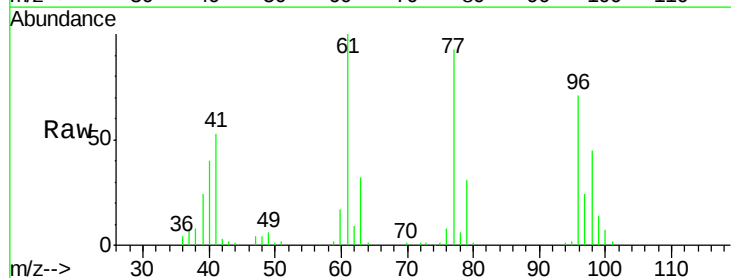
Acq: 15 Mar 2019 18:09

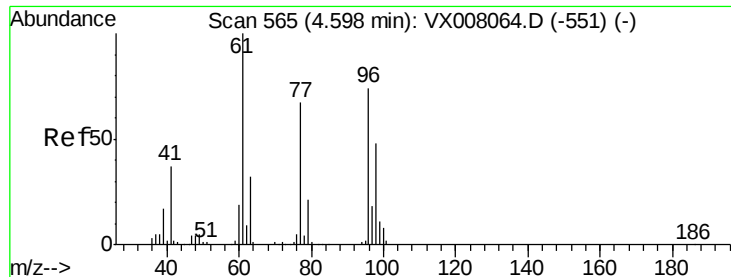
Tgt Ion: 77 Resp: 53234

Ion Ratio Lower Upper

77 100

97 26.1 12.2 36.6



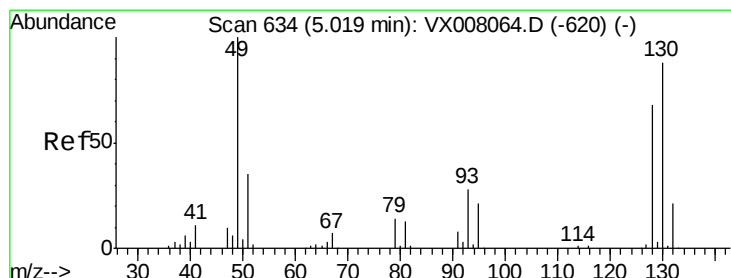
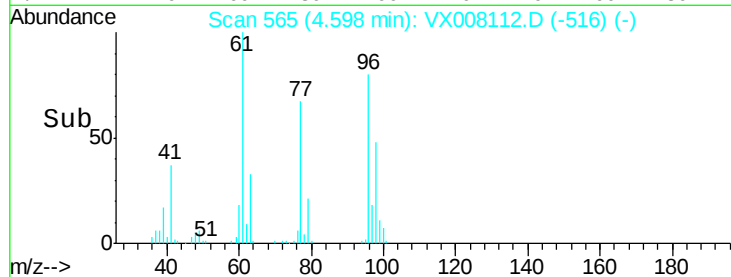
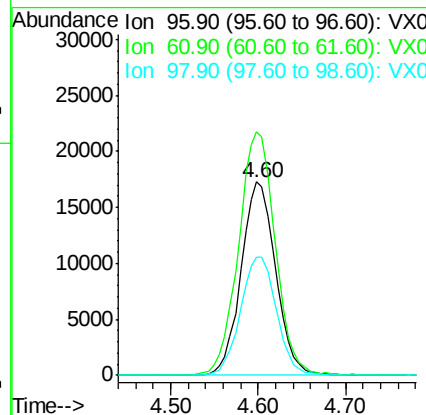
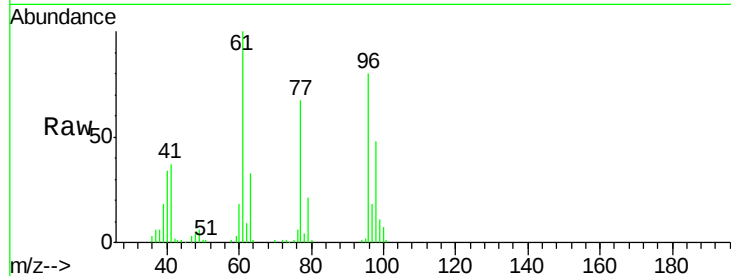


#27

cis-1,2-Dichloroethene
 Concen: 18.419 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

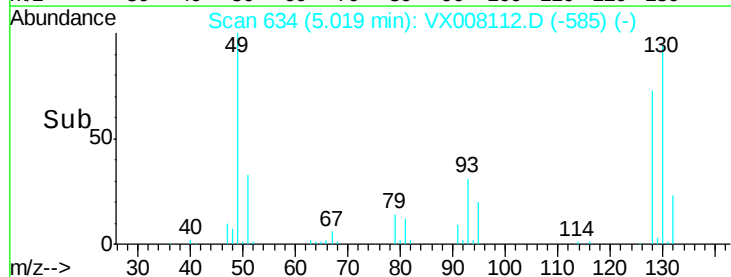
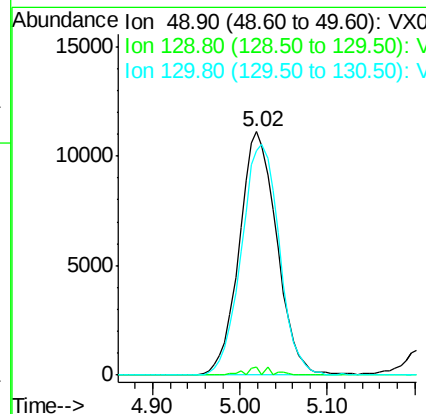
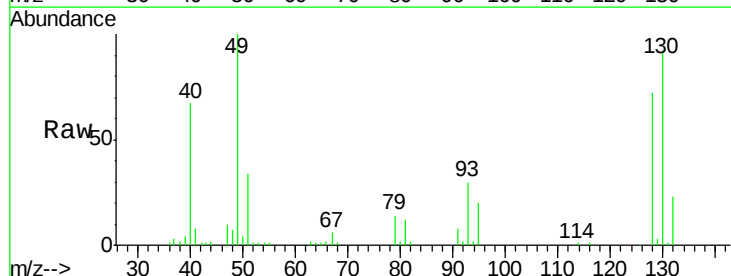
Tot Ion: 96 Resp: 47321
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 288.0
 98 63.7 0.0 129.0

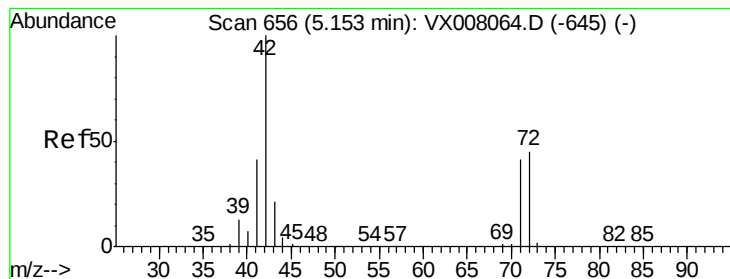


#28

Bromochloromethane
 Concen: 17.691 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 49 Resp: 33257
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 95.4 65.0 97.4





#29

Tetrahydrofuran

Concen: 90.222 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

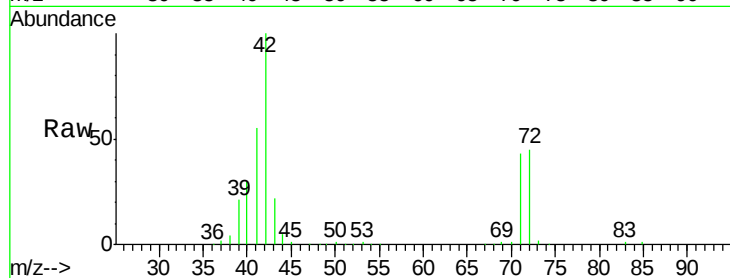
Tot Ion: 42 Resp: 108316

Ion Ratio Lower Upper

42 100

72 46.4 33.8 50.6

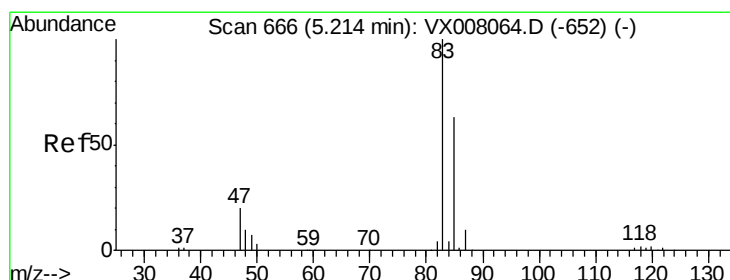
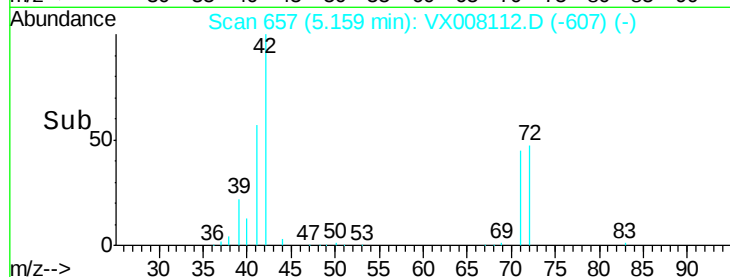
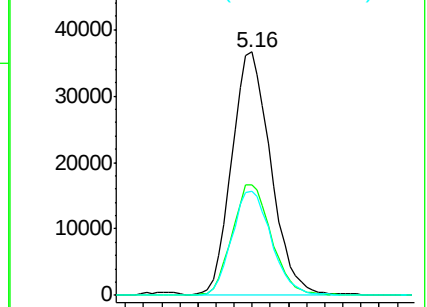
71 43.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.114 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008112.D

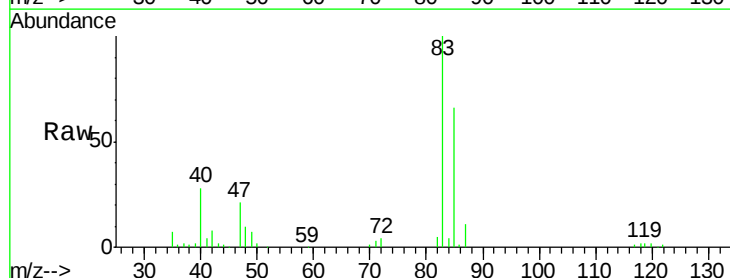
Acq: 15 Mar 2019 18:09

Tgt Ion: 83 Resp: 73032

Ion Ratio Lower Upper

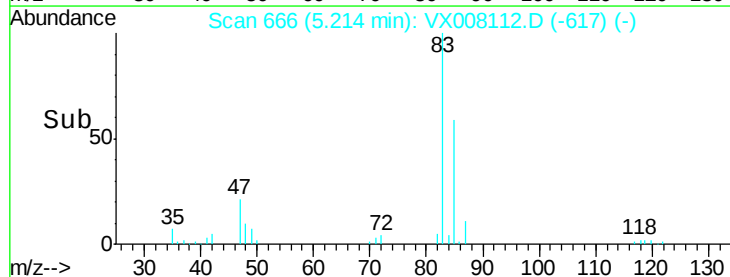
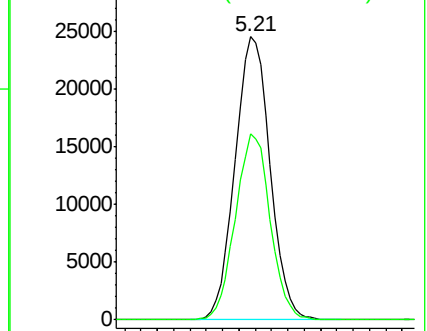
83 100

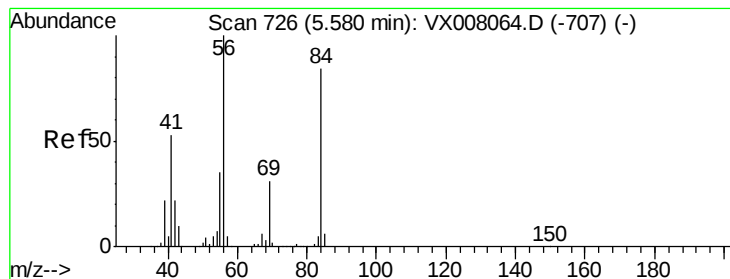
85 65.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.242 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

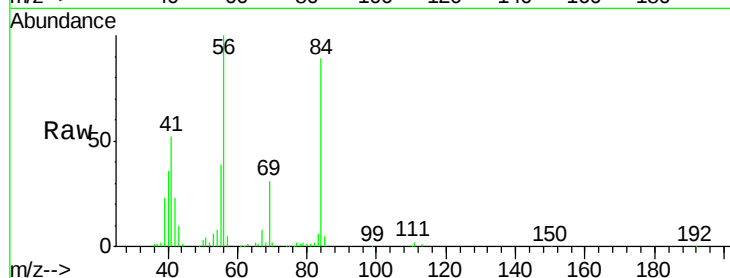
Tot Ion: 56 Resp: 65429

Ion Ratio Lower Upper

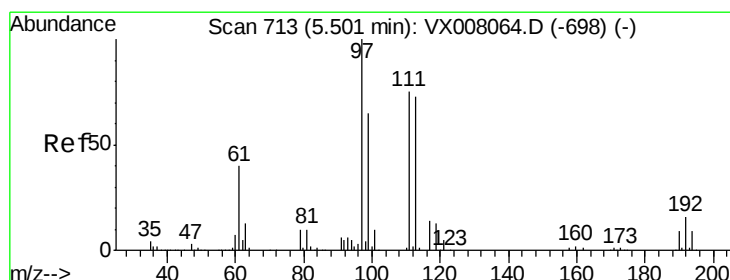
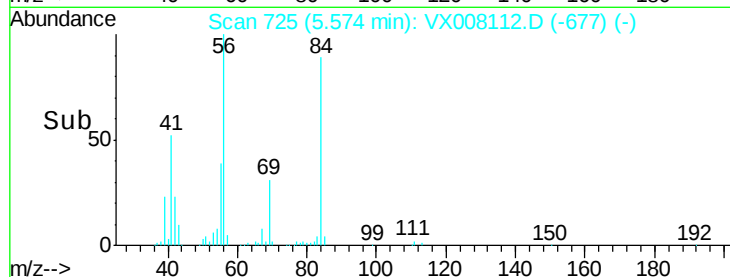
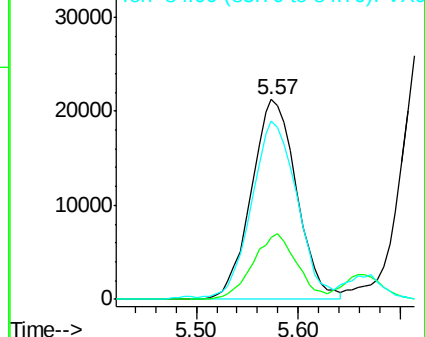
56 100

69 31.0 24.0 36.0

84 87.7 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 18.180 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

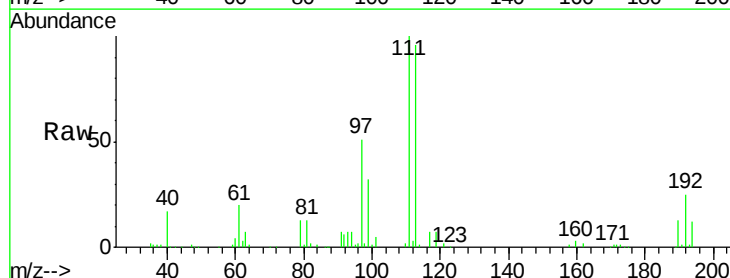
Tgt Ion: 97 Resp: 61740

Ion Ratio Lower Upper

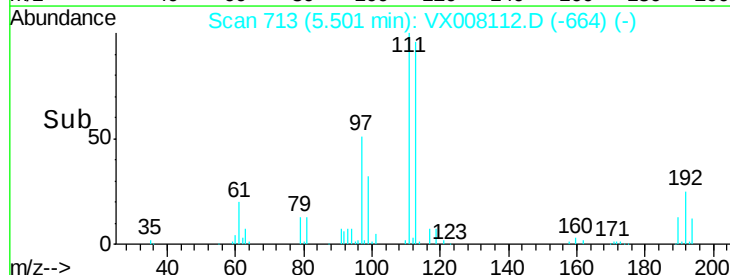
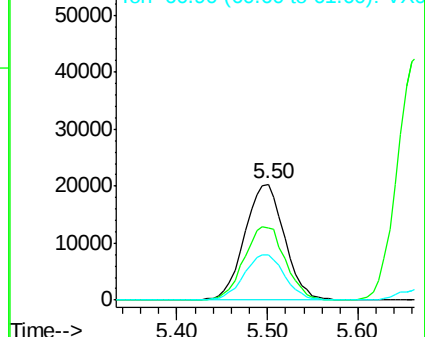
97 100

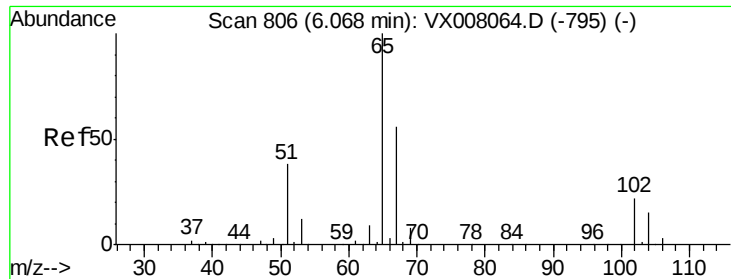
99 65.4 52.2 78.2

61 40.0 34.9 52.3



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

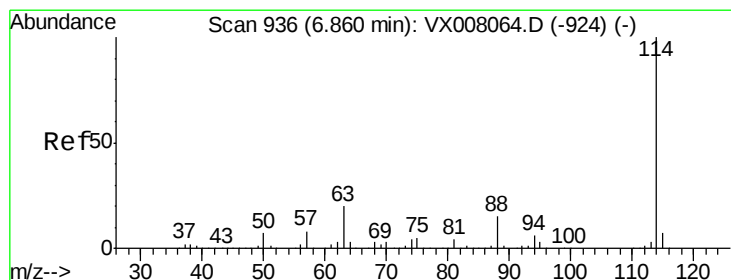
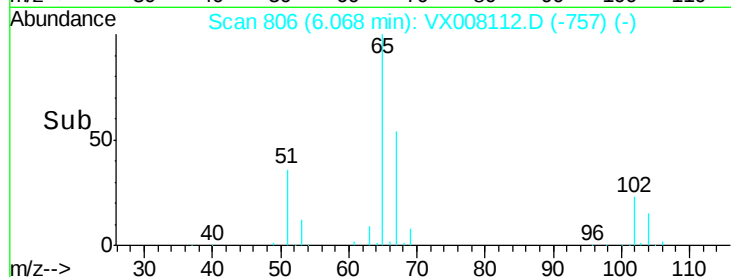
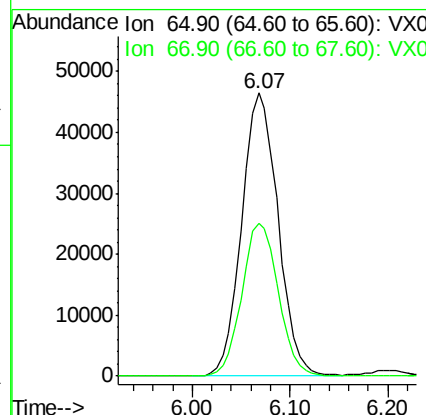
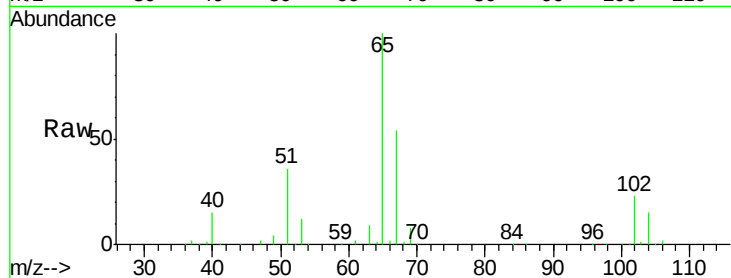




#33
 1,2-Dichloroethane-d4
 Concen: 45.241 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

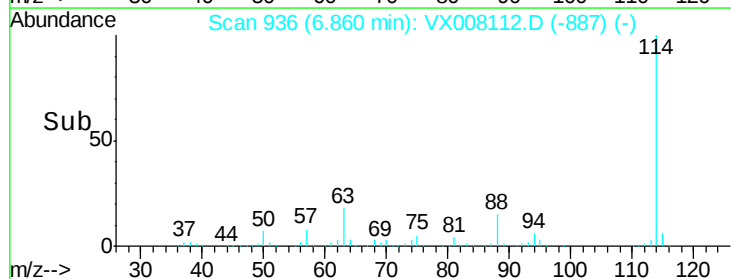
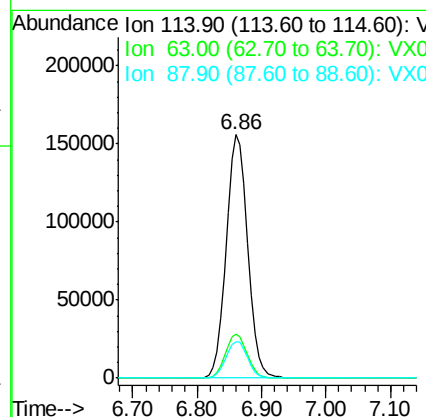
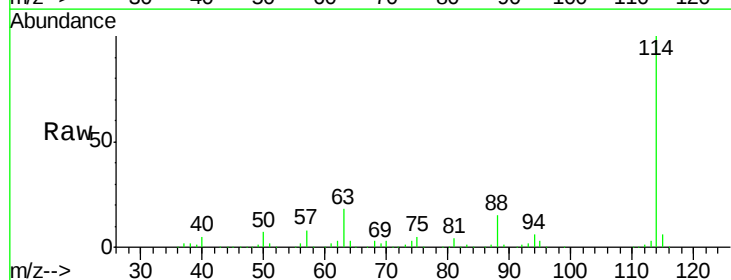
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

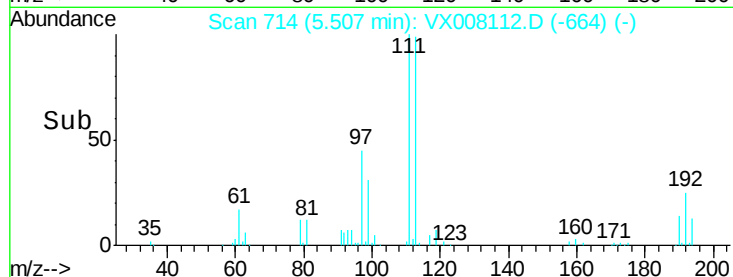
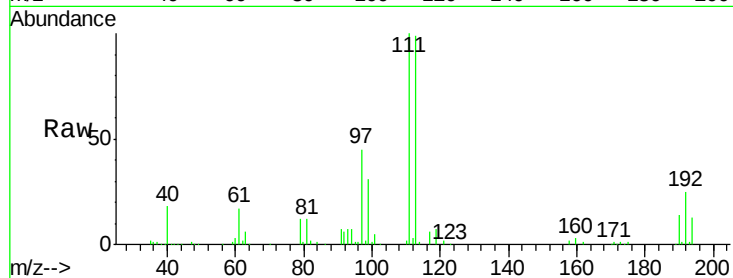
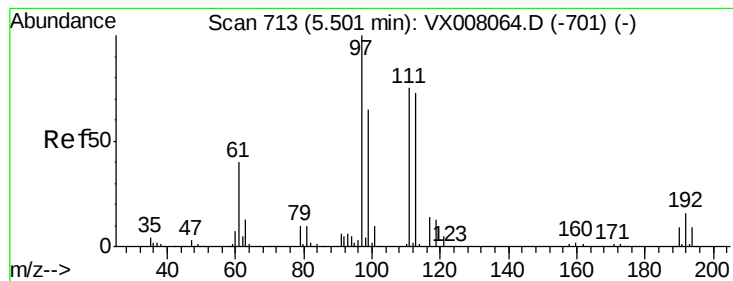
Tot Ion: 65 Resp: 120067
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 114 Resp: 367708
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.074 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS02

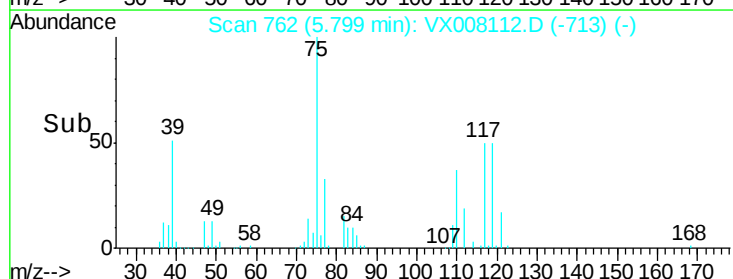
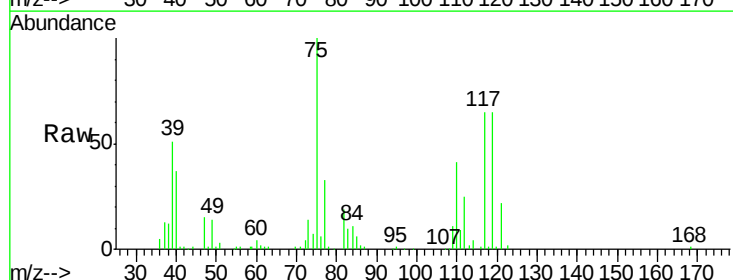
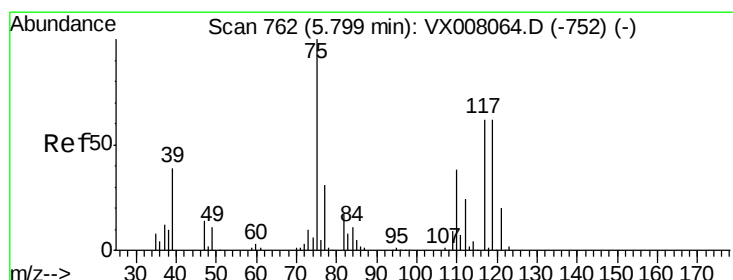
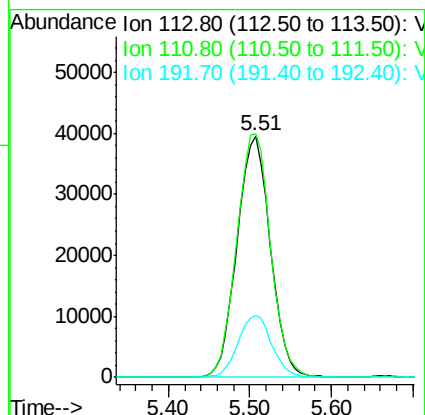
Tot Ion:113 Resp: 112098

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 26.0 19.4 29.0



#36

1,1-Dichloropropene

Concen: 17.883 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

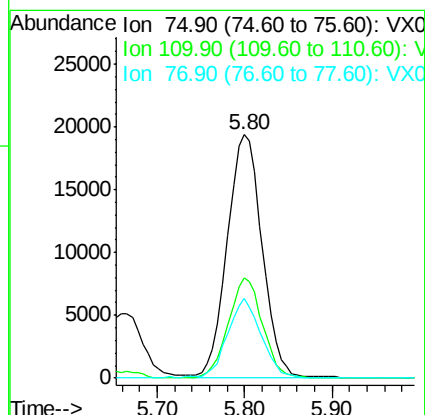
Tgt Ion: 75 Resp: 54096

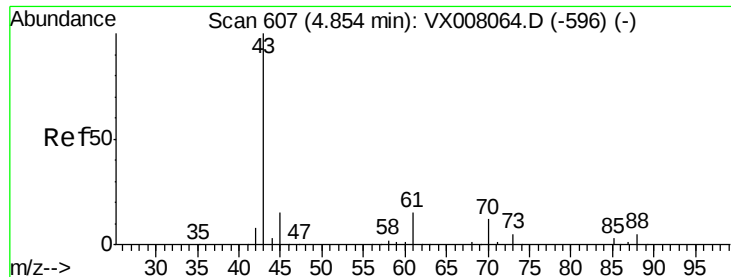
Ion Ratio Lower Upper

75 100

110 39.7 18.4 55.0

77 31.5 25.0 37.4

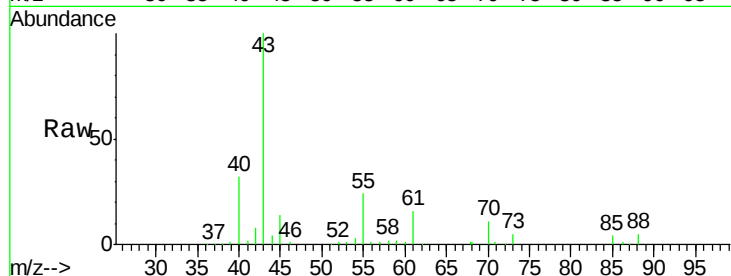




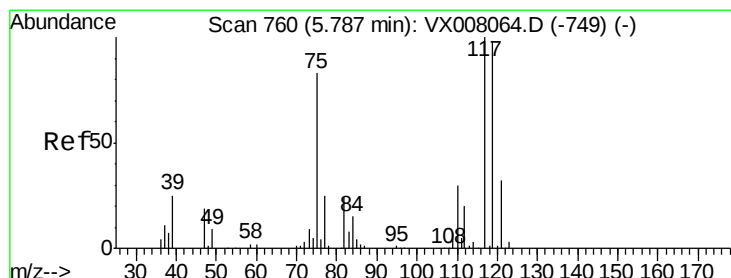
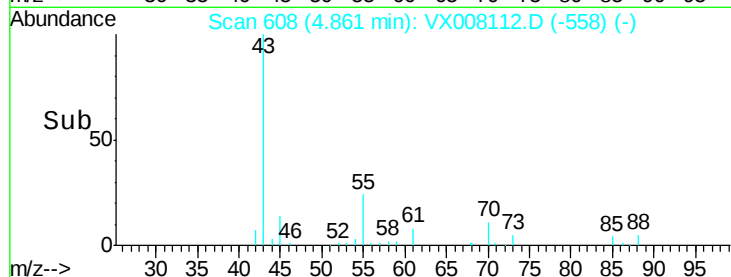
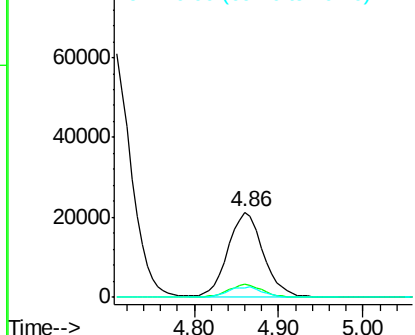
#37
Ethyl Acetate
Concen: 18.545 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

Tot Ion: 43 Resp: 60293
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 12.2 8.5 12.7

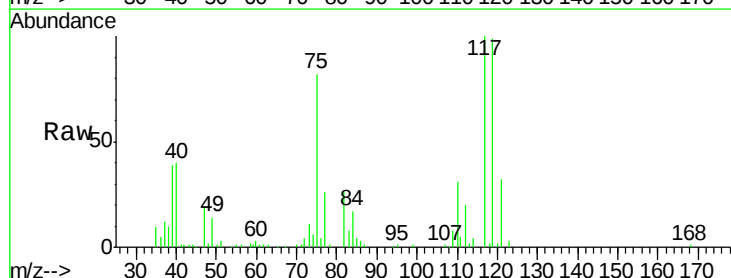


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

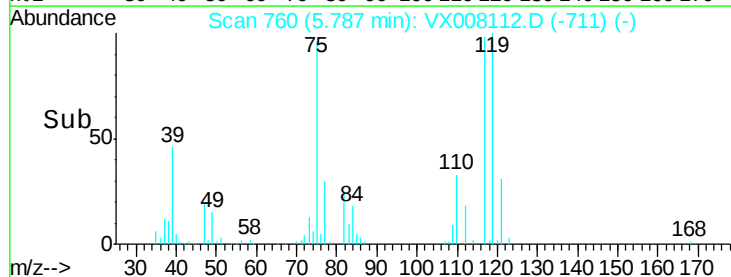
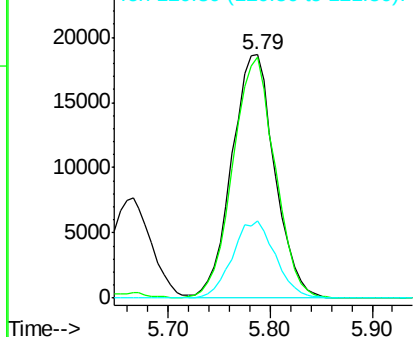


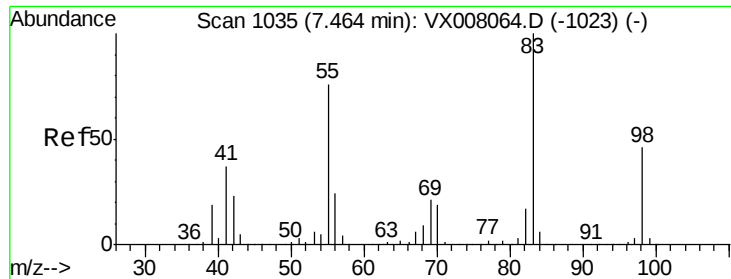
#38
Carbon Tetrachloride
Concen: 18.749 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 117 Resp: 54592
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.2
121 31.5 24.6 36.8



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

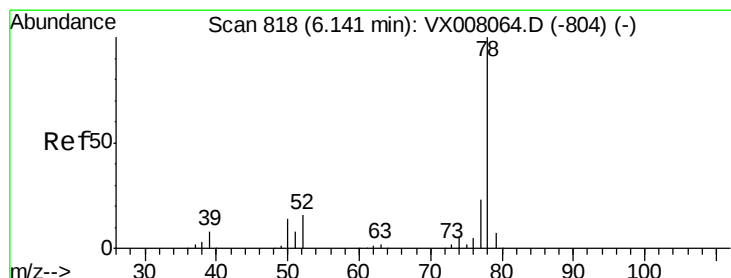
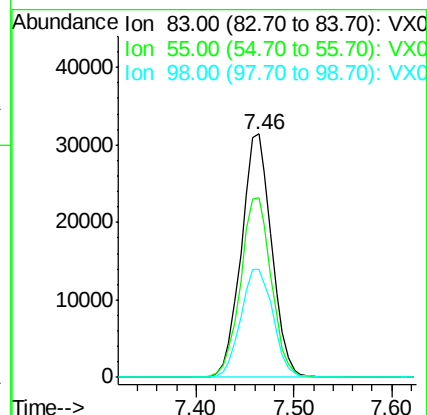
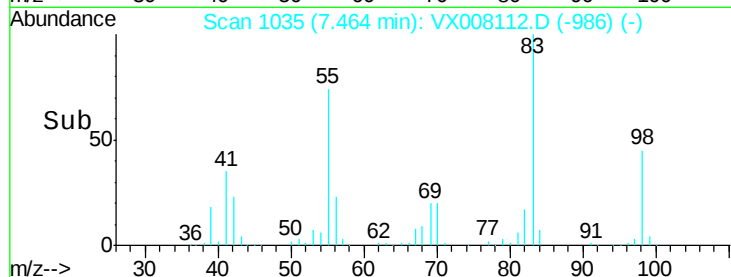
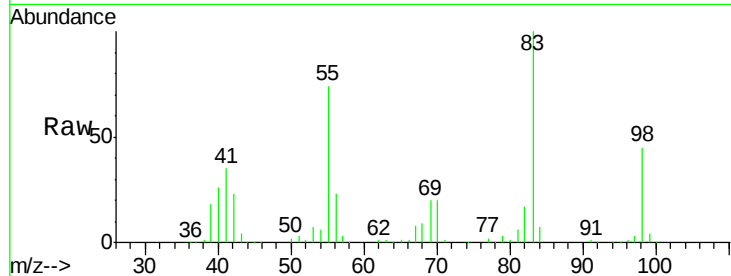




#39
Methvlcvclohexane
Concen: 17.480 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

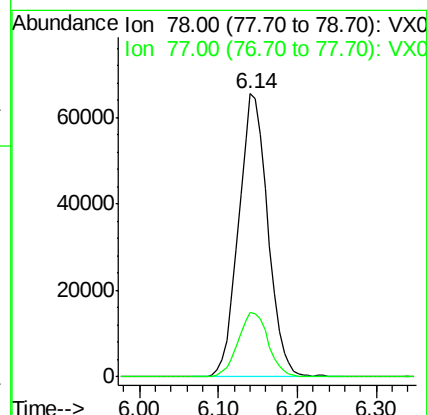
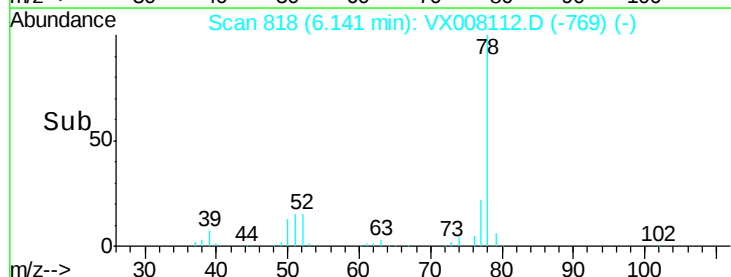
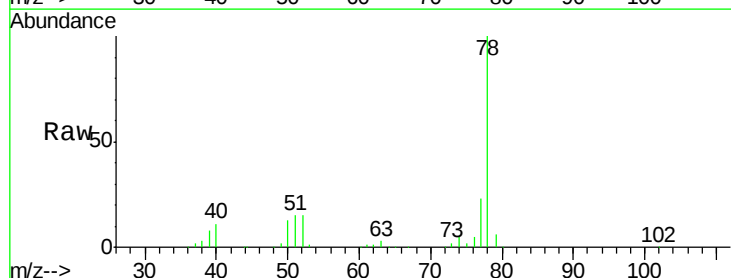
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

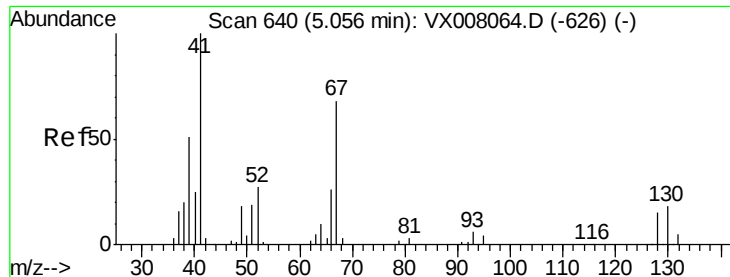
Tot Ion: 83 Resp: 67590
Ion Ratio Lower Upper
83 100
55 73.7 60.4 90.6
98 44.6 36.5 54.7



#40
Benzene
Concen: 18.217 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 78 Resp: 168824
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

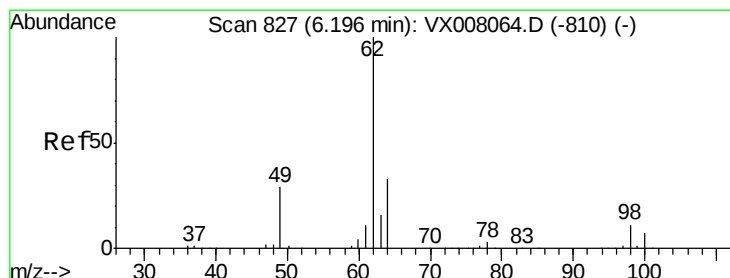
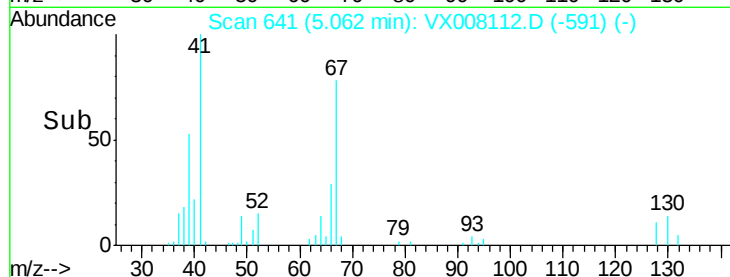
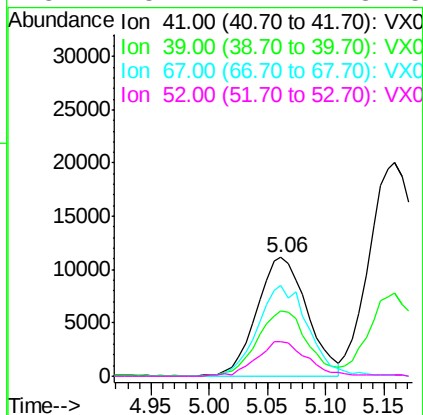
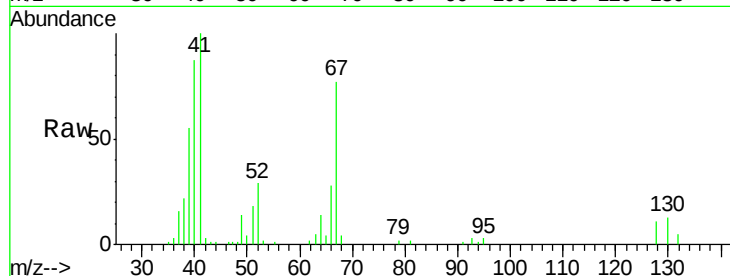




#41
Methacrylonitrile
Concen: 17.683 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

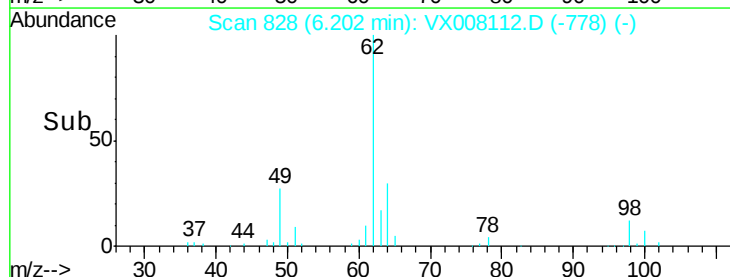
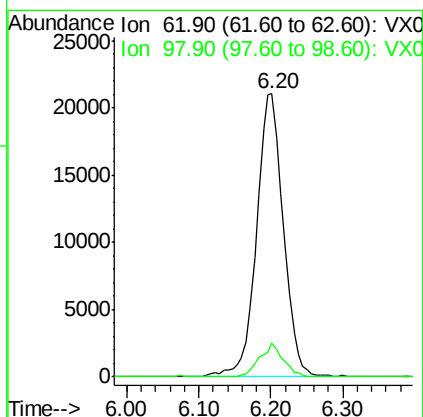
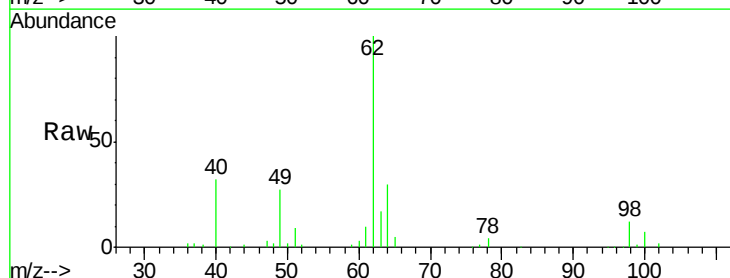
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

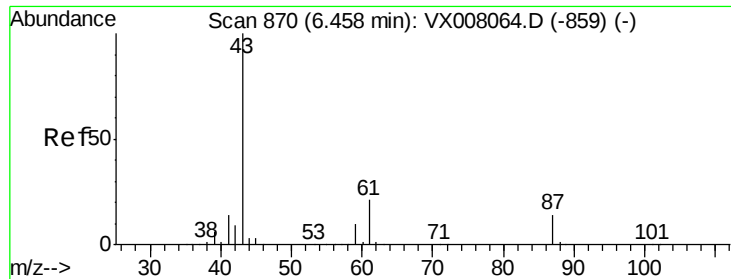
Tot Ion:	41	Resp:	33473
Ion	Ratio	Lower	Upper
41	100		
39	54.7	41.6	62.4
67	76.3	55.8	83.6
52	28.7	21.7	32.5



#42
1,2-Dichloroethane
Concen: 18.409 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion:	62	Resp:	54576
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4



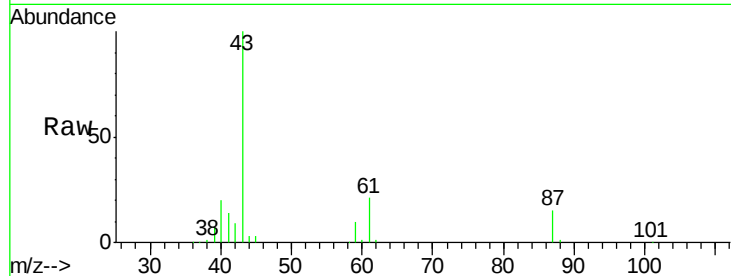


#43

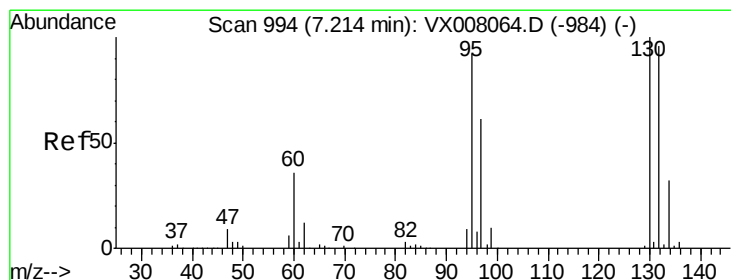
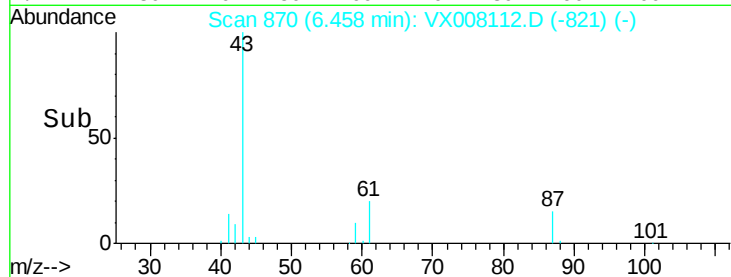
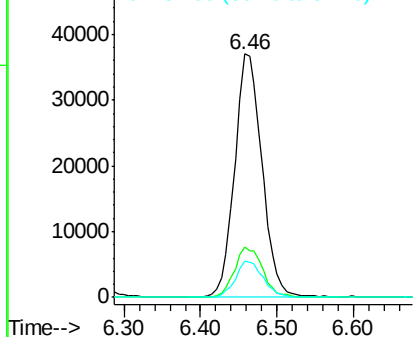
Isopropyl Acetate
 Concen: 17.570 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

Tot Ion: 43 Resp: 91994
 Ion Ratio Lower Upper
 43 100
 61 21.2 16.3 24.5
 87 14.9 10.5 15.7



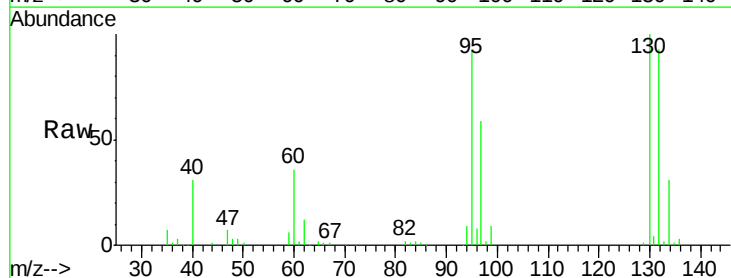
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



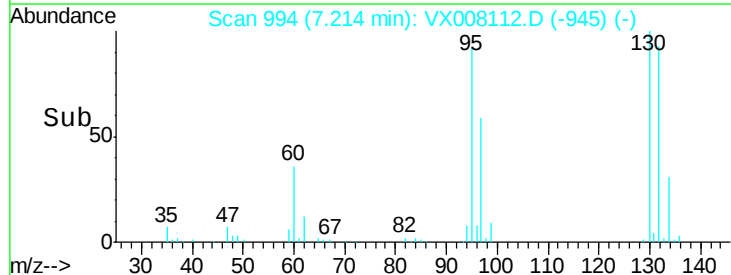
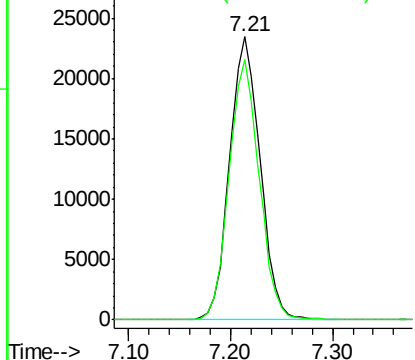
#44

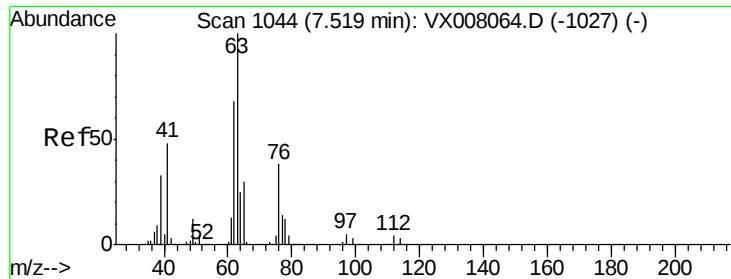
Trichloroethene
 Concen: 18.198 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 130 Resp: 48670
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

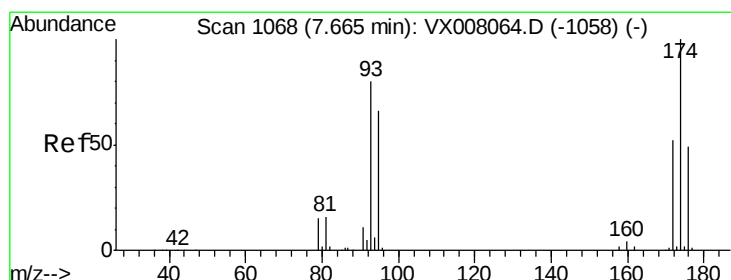
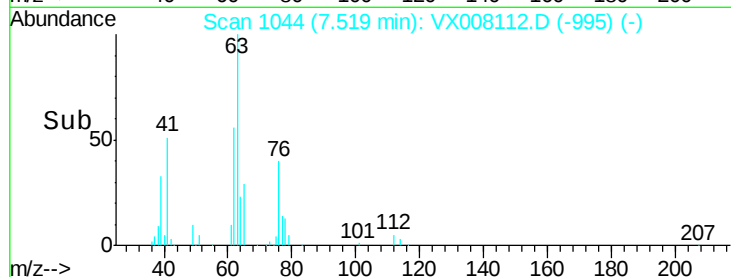
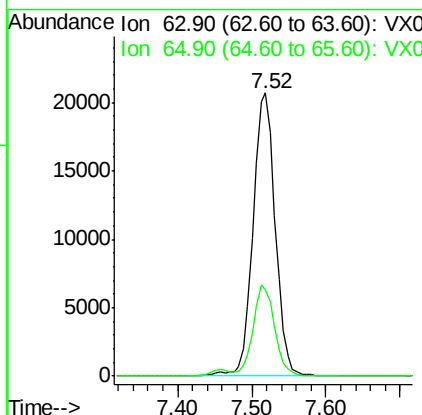
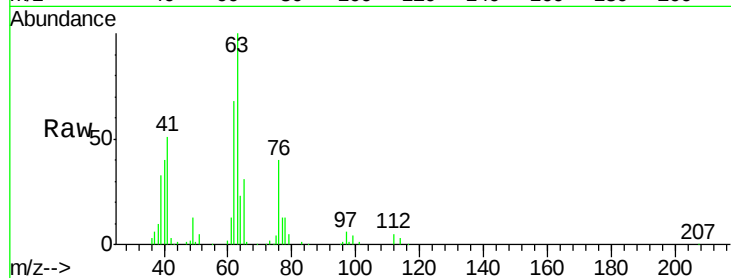




#45
 1,2-Dichloropropane
 Concen: 17.775 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

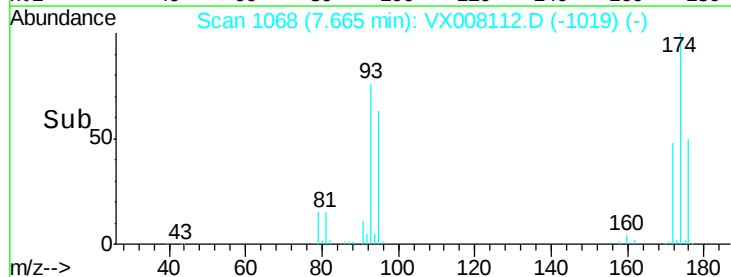
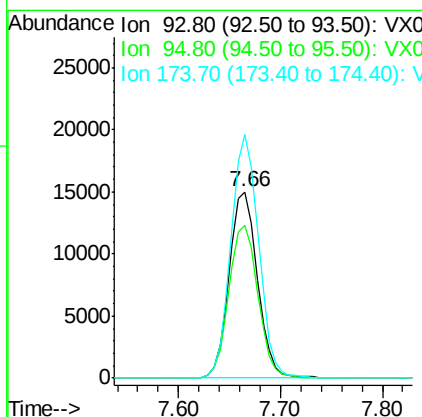
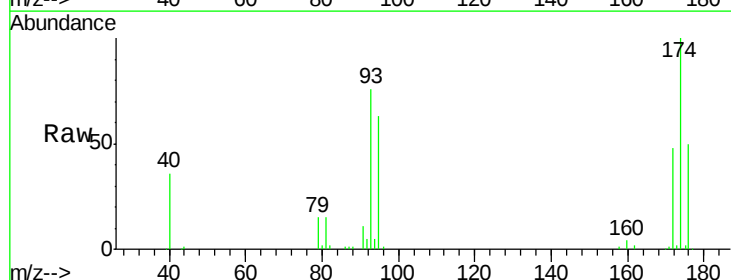
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

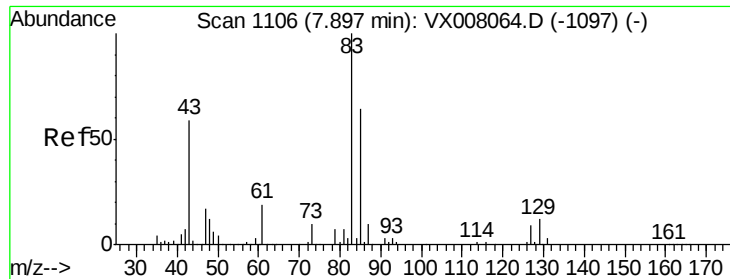
Tot Ion: 63 Resp: 43458
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.800 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 93 Resp: 28809
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 128.0 97.3 145.9





#47

Bromodichloromethane

Concen: 17.975 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

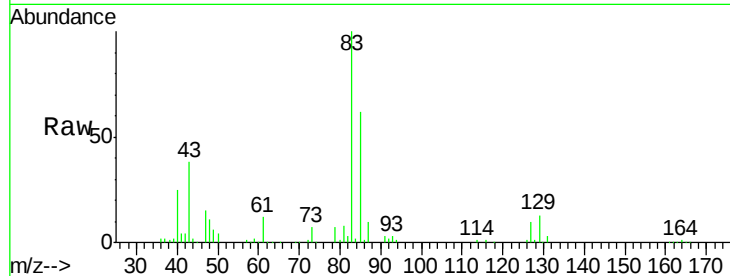
Tot Ion: 83 Resp: 52383

Ion Ratio Lower Upper

83 100

85 62.3 50.9 76.3

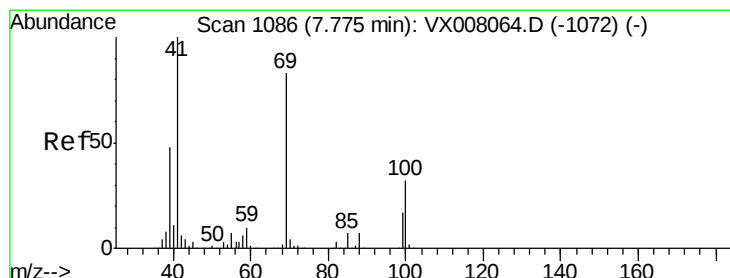
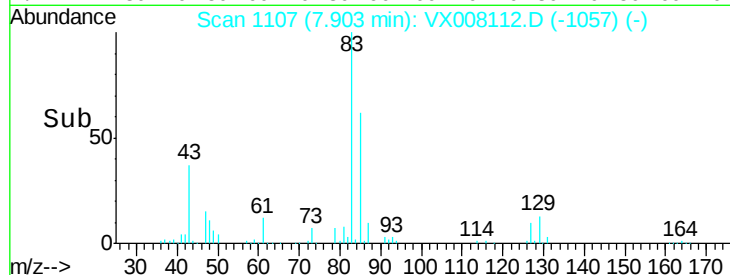
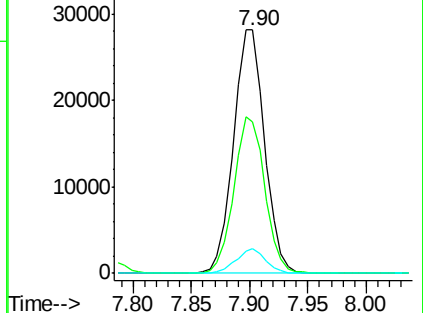
127 10.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.573 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

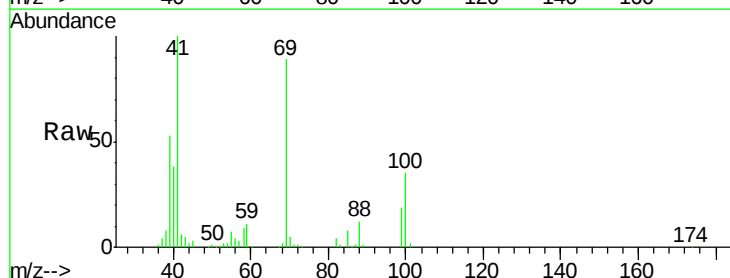
Tgt Ion: 41 Resp: 48054

Ion Ratio Lower Upper

41 100

69 89.9 65.2 97.8

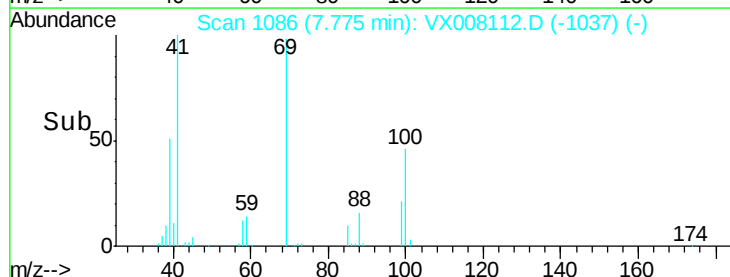
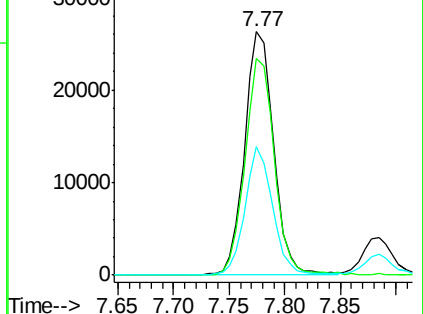
39 50.3 39.4 59.2

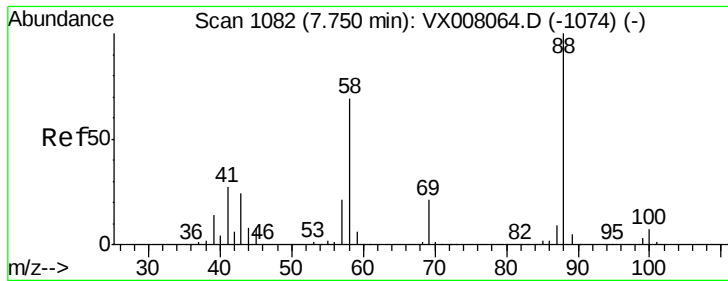


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

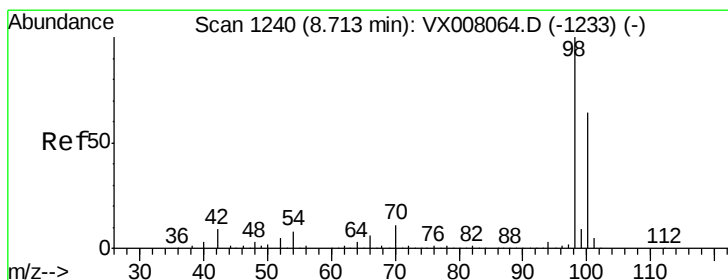
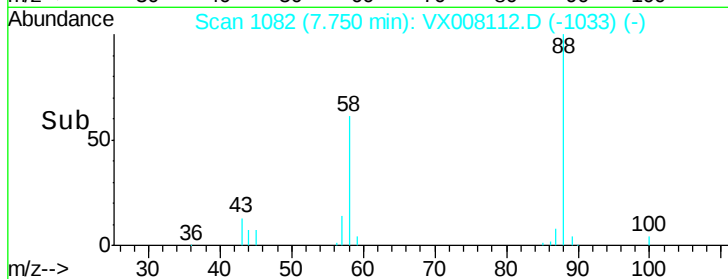
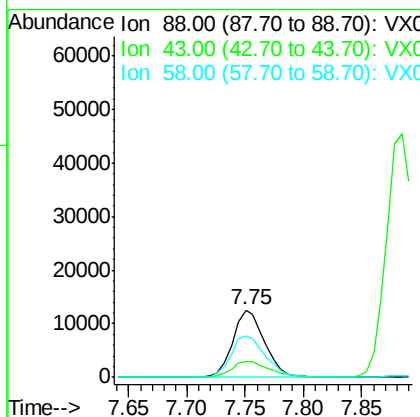
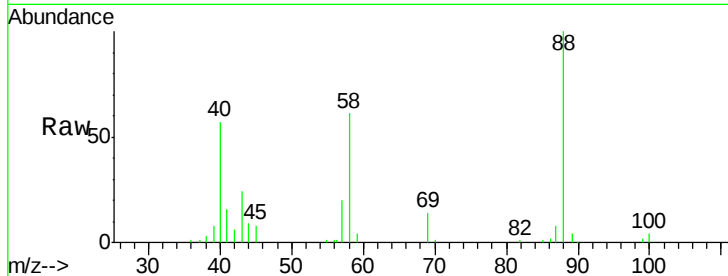




#49
 1,4-Dioxane
 Concen: 404.753 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

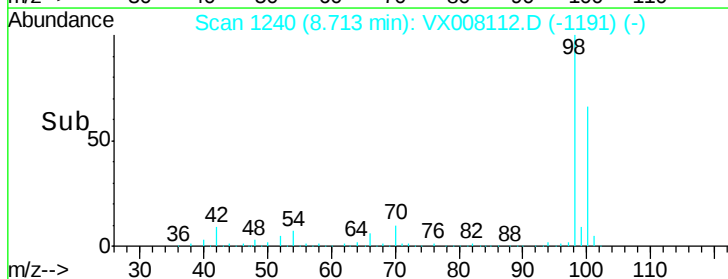
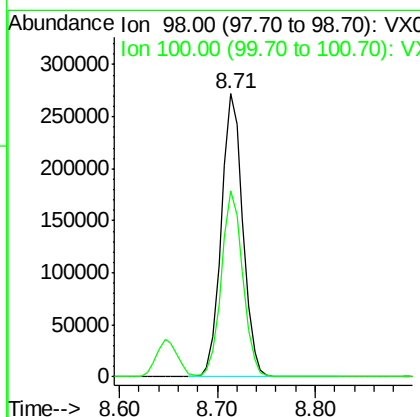
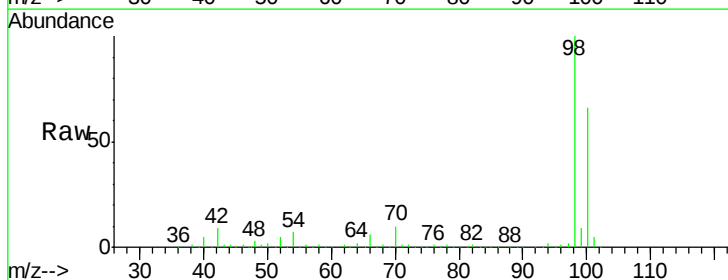
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

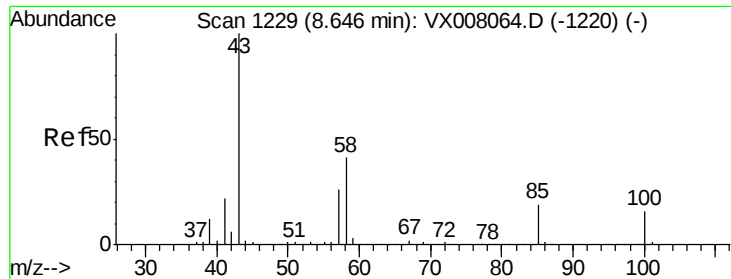
Tot Ion: 88 Resp: 23872
 Ion Ratio Lower Upper
 88 100
 43 29.0 25.1 37.7
 58 67.6 57.8 86.6



#50
 Toluene-d8
 Concen: 46.641 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 98 Resp: 413641
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 89.190 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

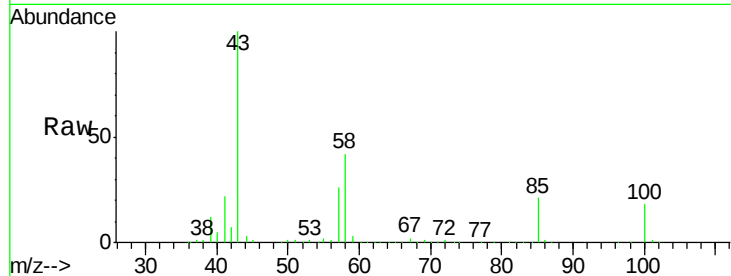
VX0315WBS02

Tot Ion: 43 Resp: 307776

Ion Ratio Lower Upper

43 100

58 41.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

200000

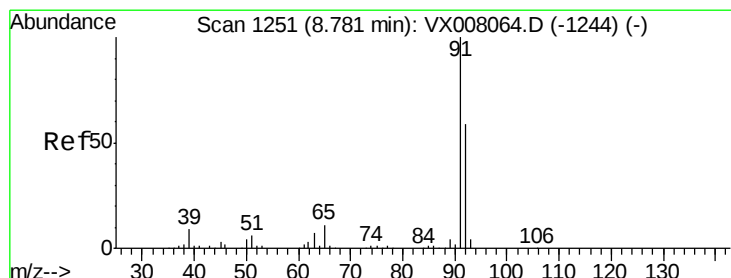
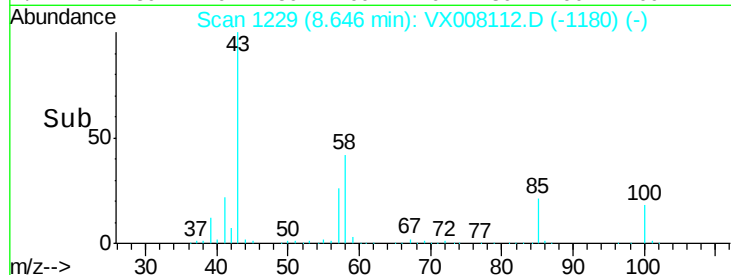
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.785 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008112.D

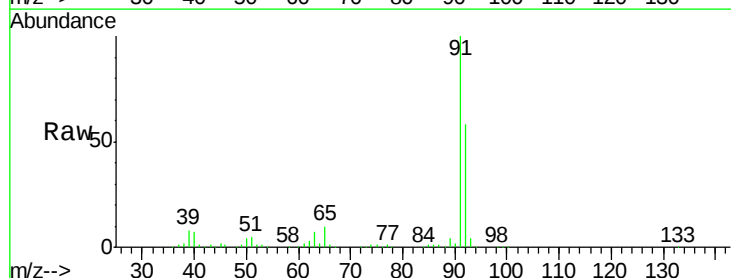
Acq: 15 Mar 2019 18:09

Tgt Ion: 92 Resp: 104767

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

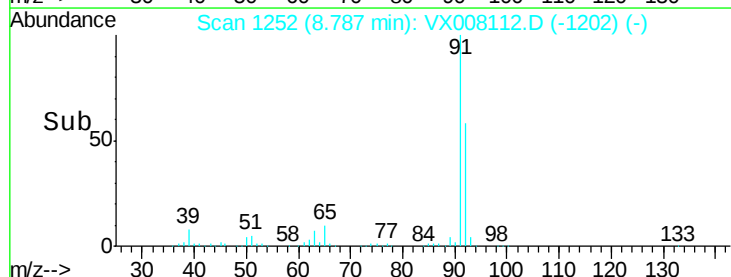
8.79

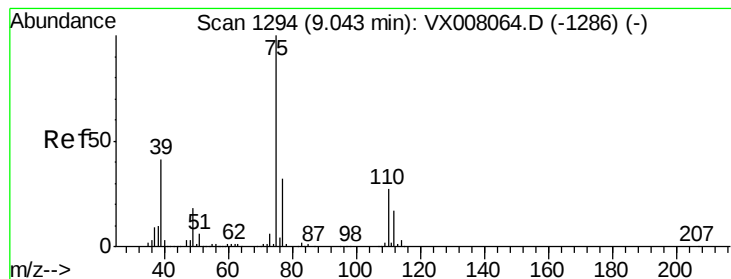
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.394 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

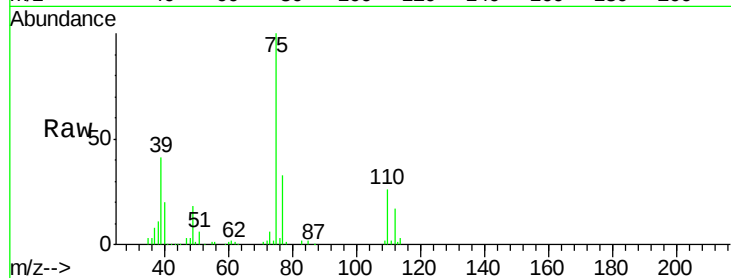
VX0315WBS02

Tot Ion: 75 Resp: 55570

Ion Ratio Lower Upper

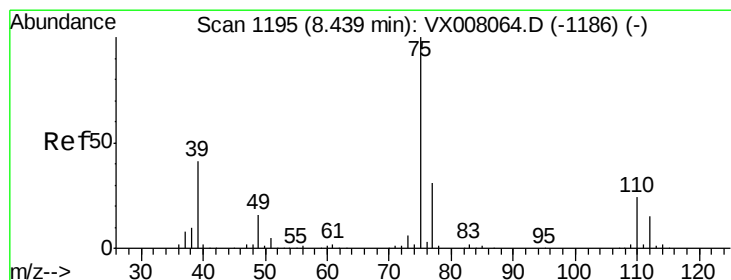
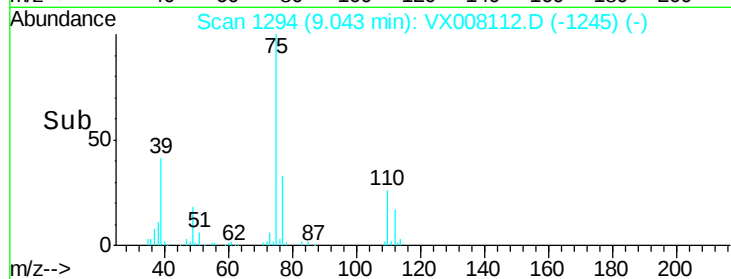
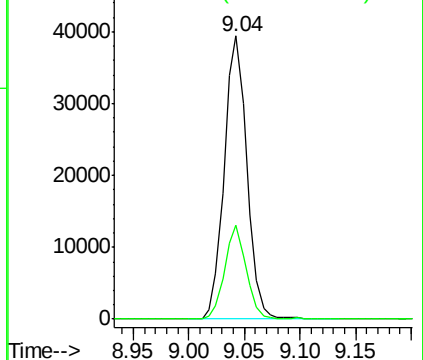
75 100

77 33.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.713 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

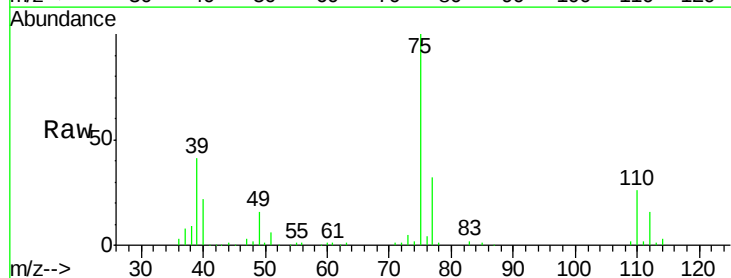
Tgt Ion: 75 Resp: 62892

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

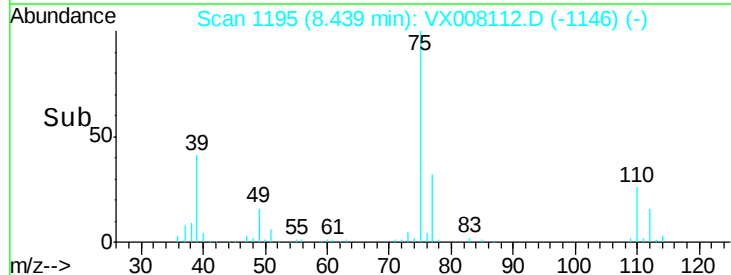
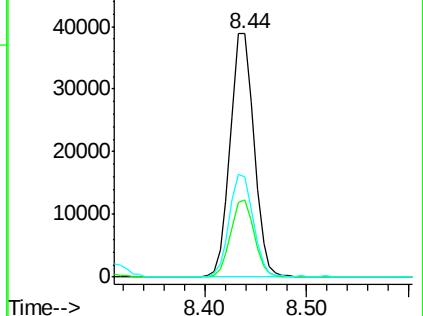
39 40.9 36.6 54.8

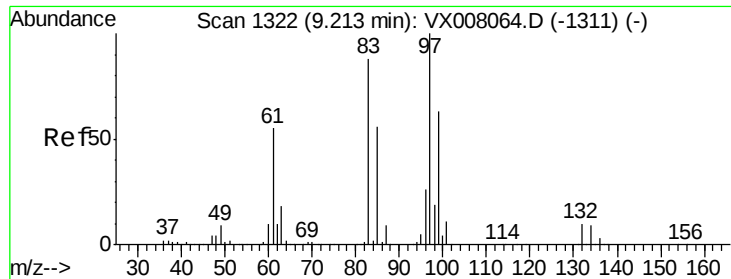


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

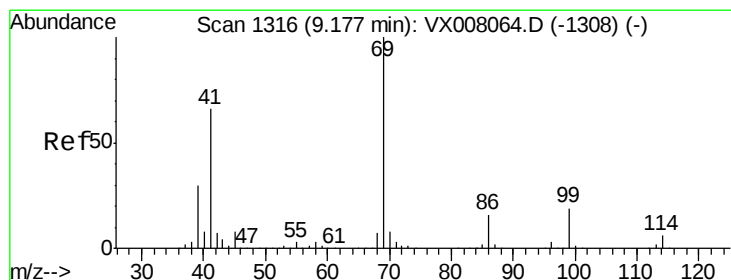
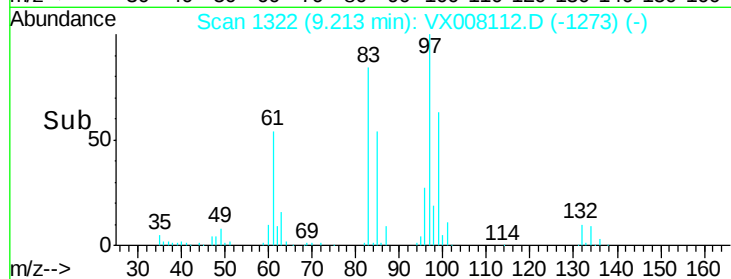
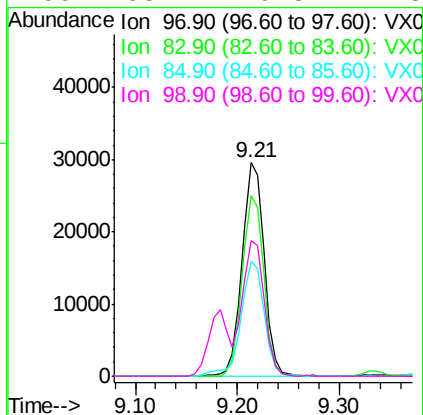
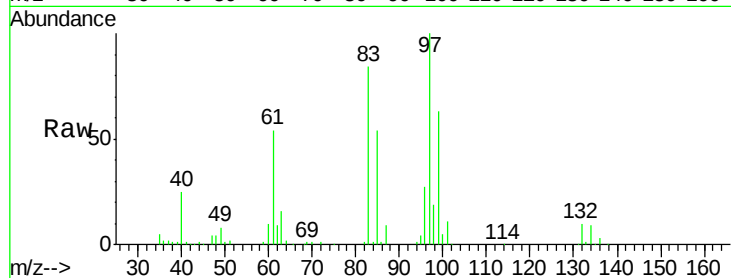




#55
1,1,2-Trichloroethane
Concen: 18.402 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

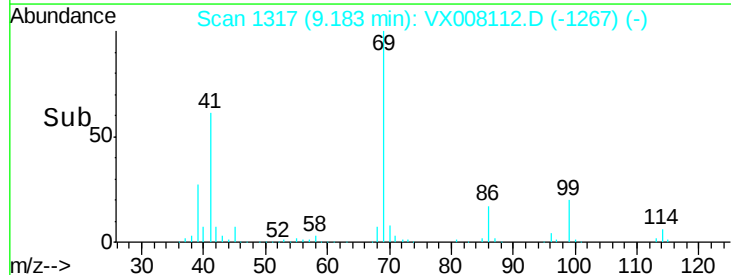
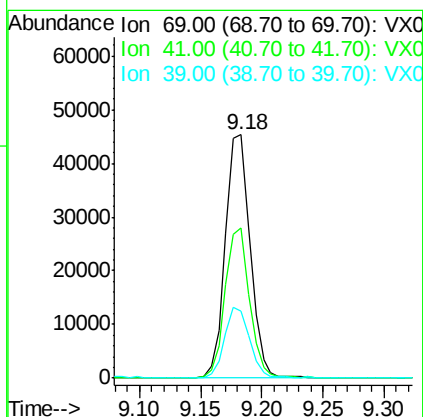
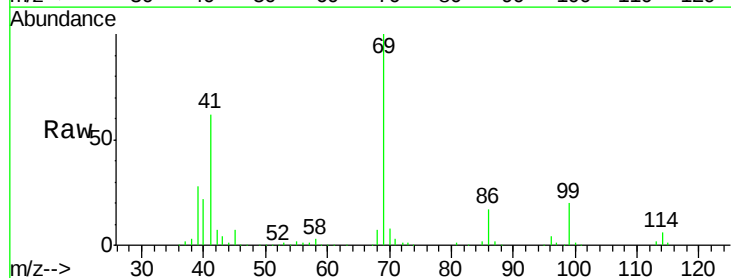
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

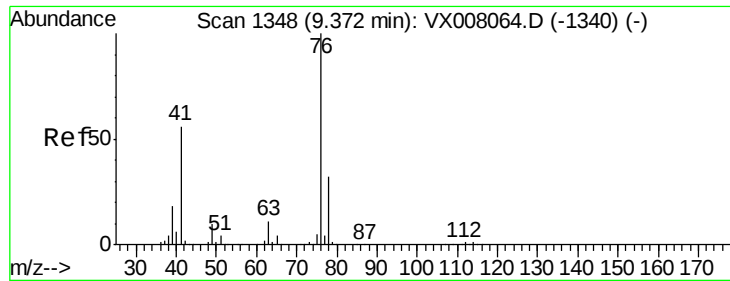
Tot Ion: 97 Resp: 44139
Ion Ratio Lower Upper
97 100
83 84.3 69.1 103.7
85 53.7 44.3 66.5
99 63.4 49.8 74.8



#56
Ethyl methacrylate
Concen: 18.031 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 69 Resp: 63886
Ion Ratio Lower Upper
69 100
41 61.0 54.2 81.4
39 28.9 25.0 37.4





#57

1,3-Dichloropropane

Concen: 18.052 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

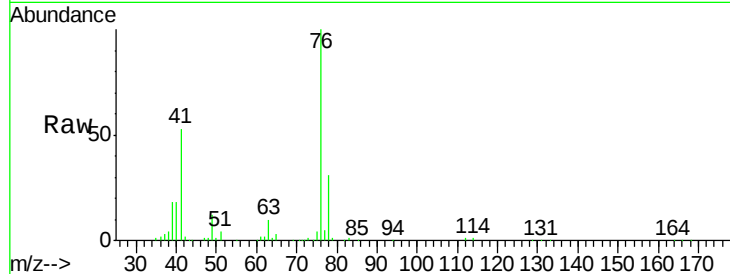
VX0315WBS02

Tot Ion: 76 Resp: 71655

Ion Ratio Lower Upper

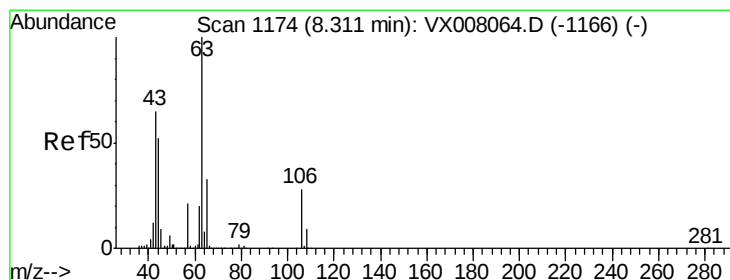
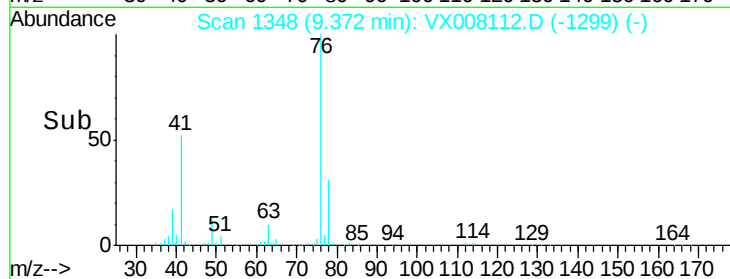
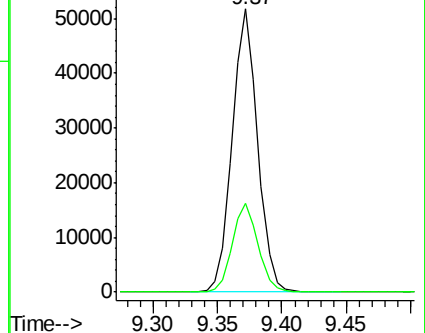
76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 87.893 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008112.D

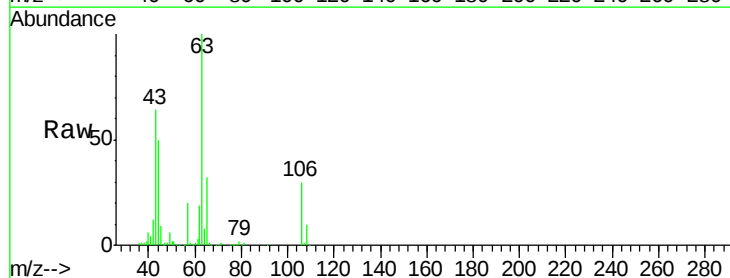
Acq: 15 Mar 2019 18:09

Tgt Ion: 63 Resp: 183202

Ion Ratio Lower Upper

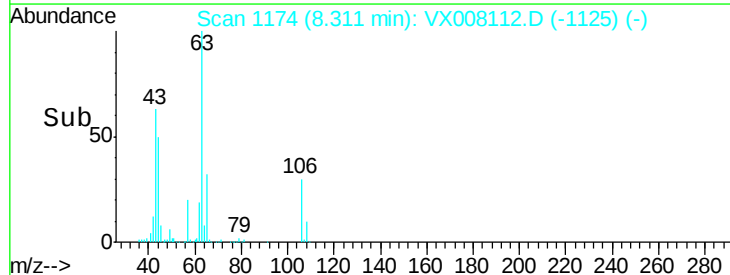
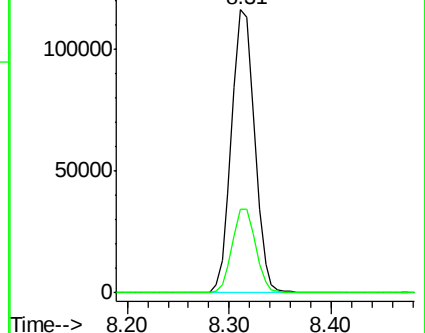
63 100

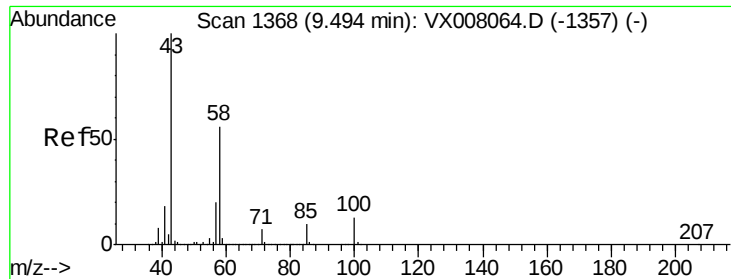
106 30.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

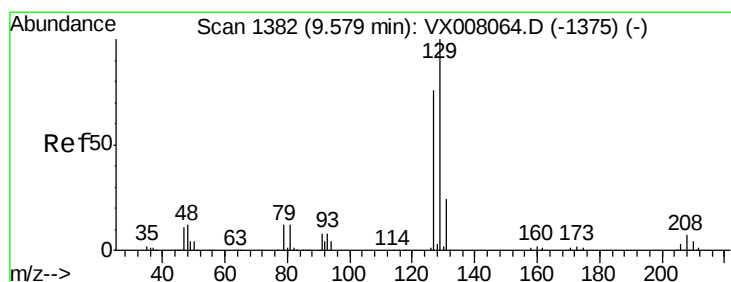
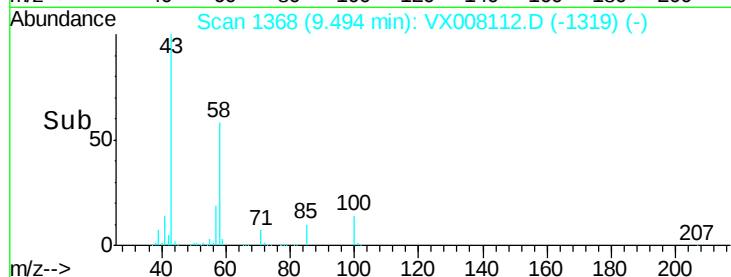
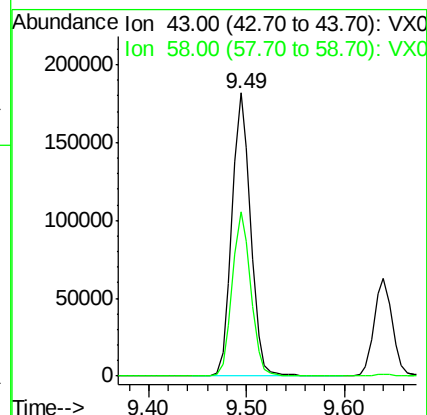
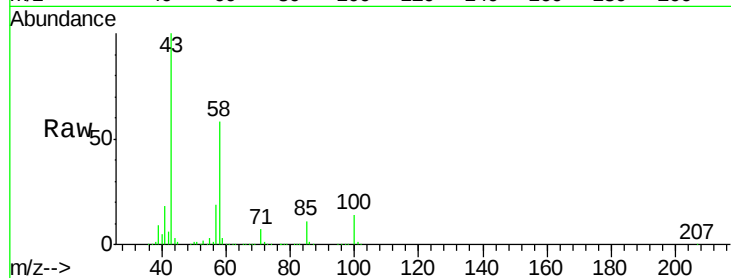




#59
2-Hexanone
Concen: 89.591 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

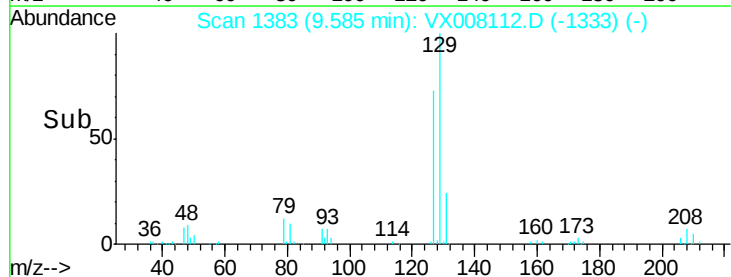
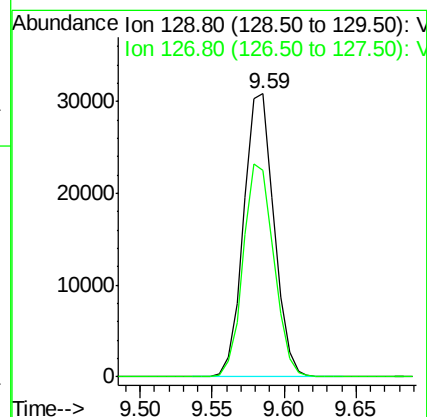
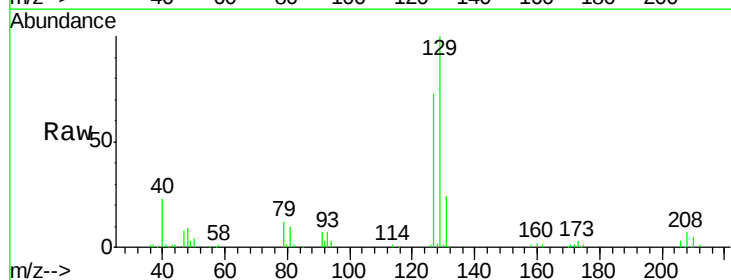
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

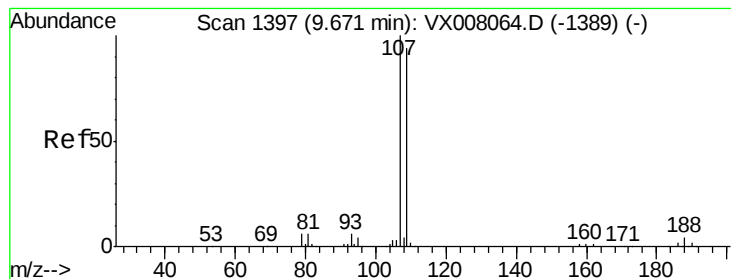
Tot Ion: 43 Resp: 241785
Ion Ratio Lower Upper
43 100
58 57.8 27.6 82.7



#60
Dibromochloromethane
Concen: 18.254 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 129 Resp: 45126
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.523 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

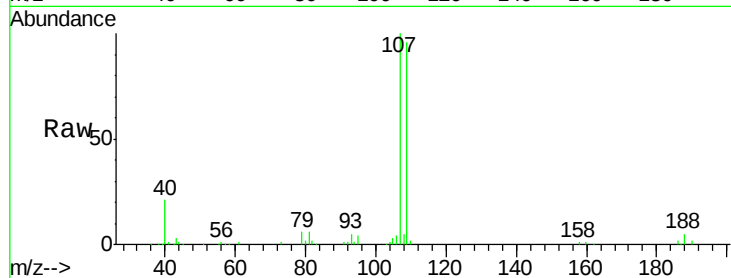
VX0315WBS02

Tot Ion:107 Resp: 46553

Ion Ratio Lower Upper

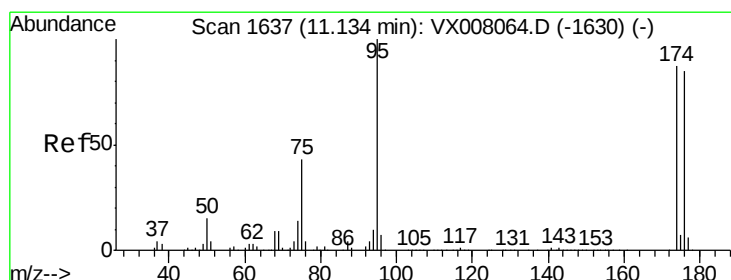
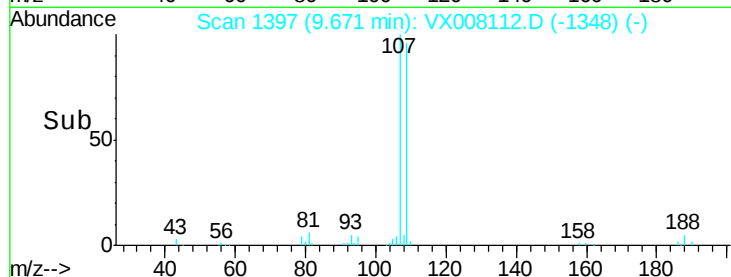
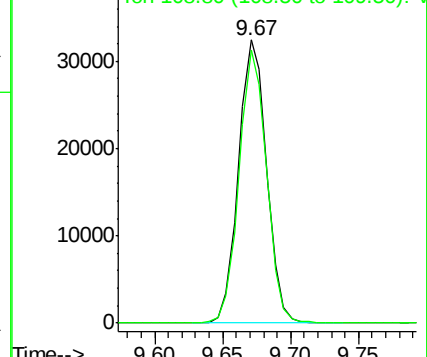
107 100

109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.726 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

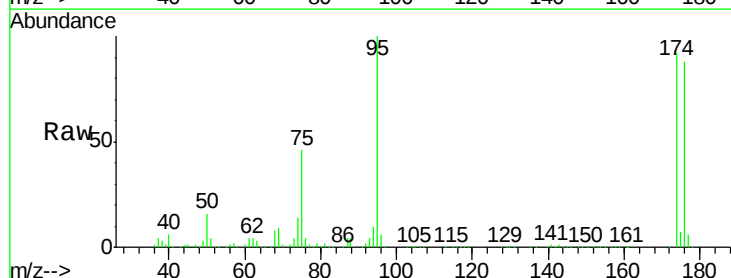
Tgt Ion: 95 Resp: 145271

Ion Ratio Lower Upper

95 100

174 97.7 0.0 182.8

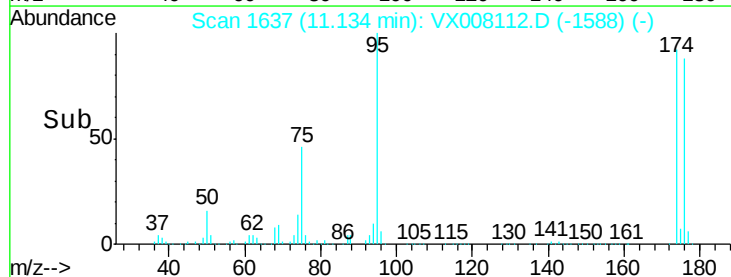
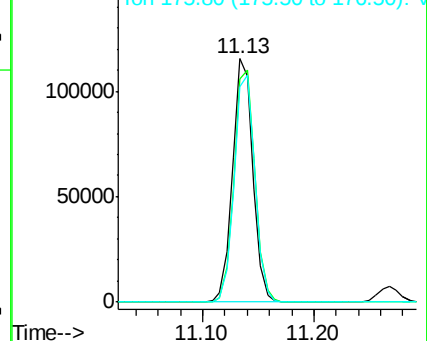
176 95.2 0.0 178.0

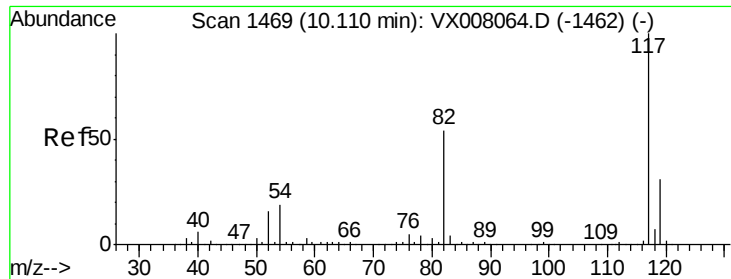


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

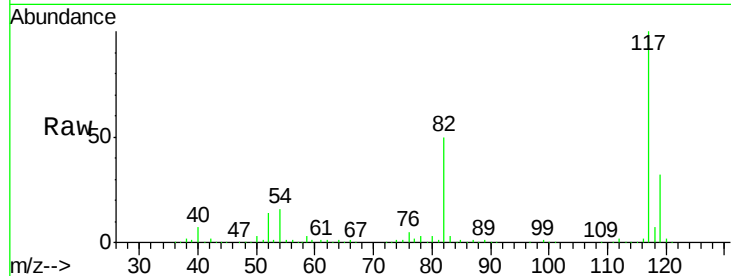




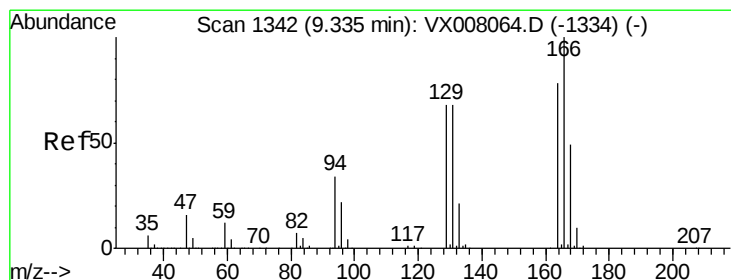
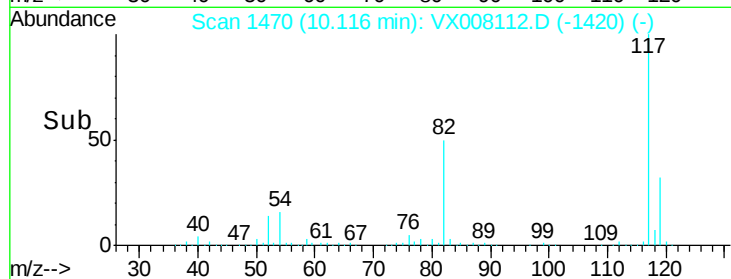
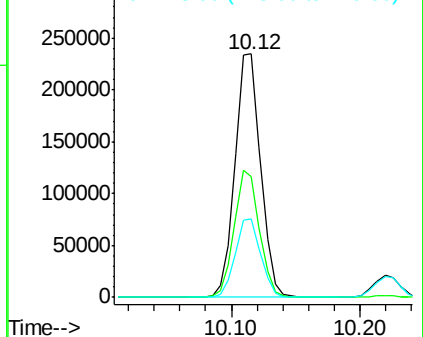
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

Tot Ion:117 Resp: 325891
Ion Ratio Lower Upper
117 100
82 49.5 44.3 66.5
119 32.4 25.3 37.9



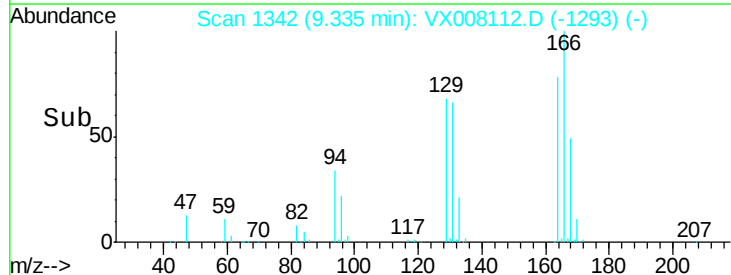
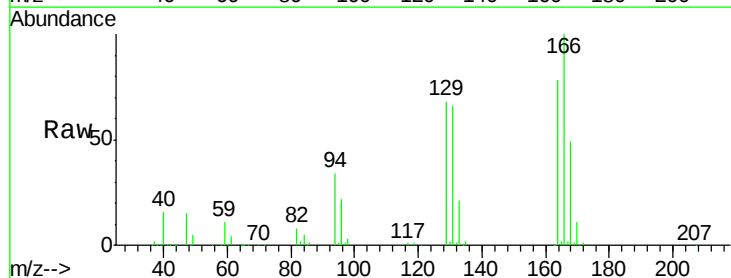
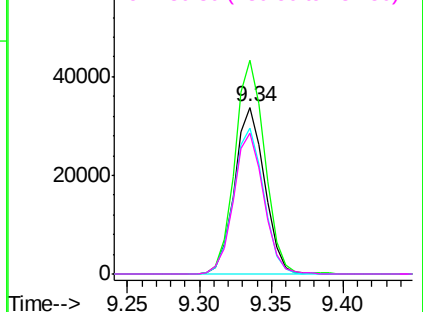
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

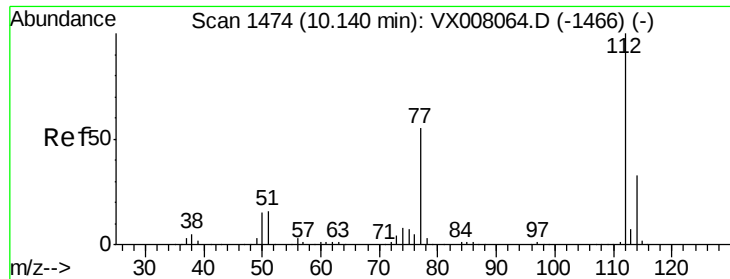


#64
Tetrachloroethene
Concen: 18.548 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion:164 Resp: 48977
Ion Ratio Lower Upper
164 100
166 128.2 103.4 155.0
129 87.5 72.2 108.4
131 84.4 69.4 104.2

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: 18.401 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

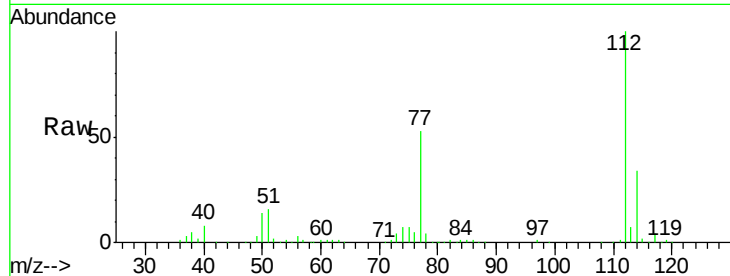
VX0315WBS02

Tot Ion:112 Resp: 119000

Ion Ratio Lower Upper

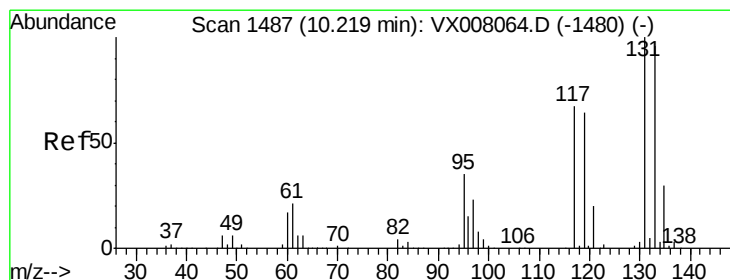
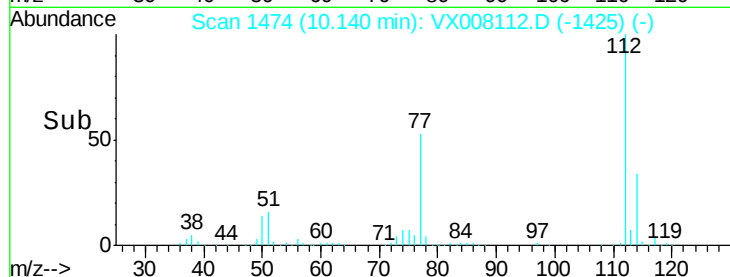
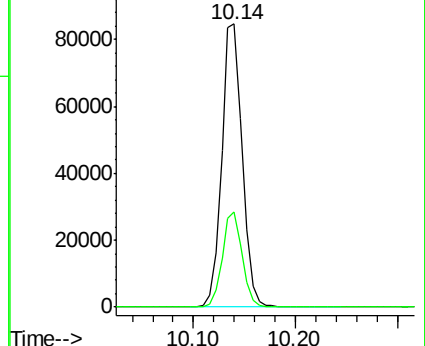
112 100

114 33.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.782 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

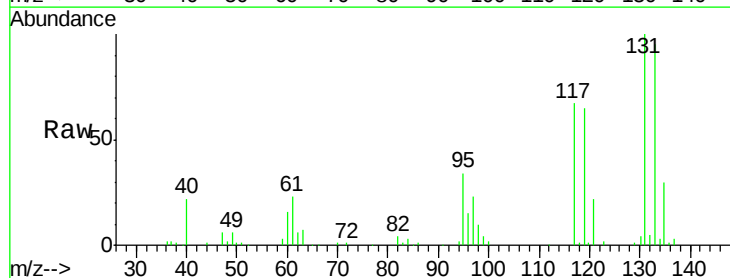
Tgt Ion:131 Resp: 43108

Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.3

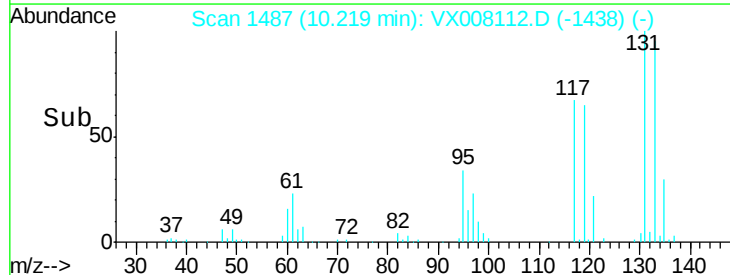
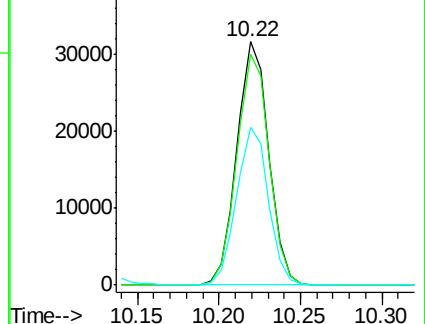
119 65.1 32.5 97.5

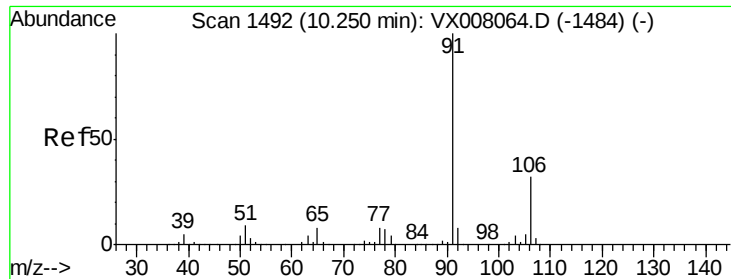


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

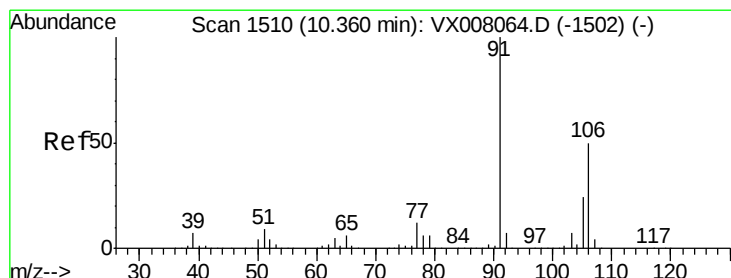
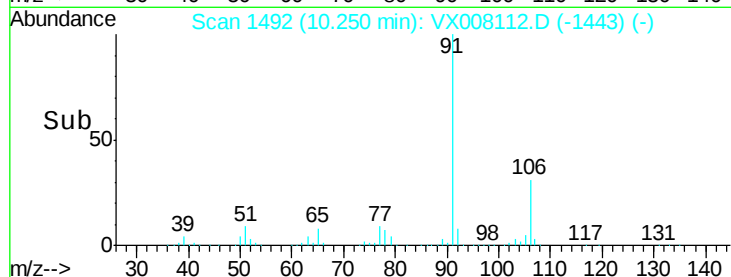
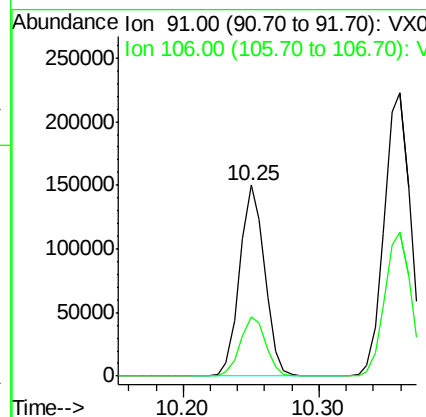
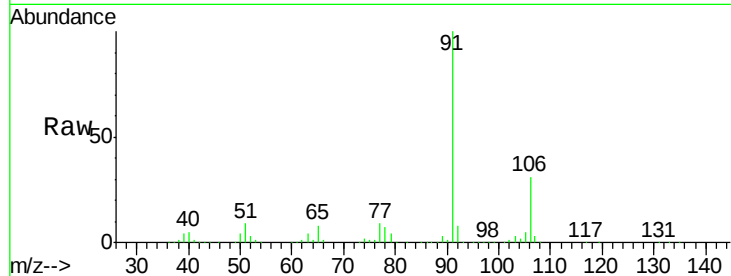




#67
Ethyl Benzene
Concen: 17.989 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

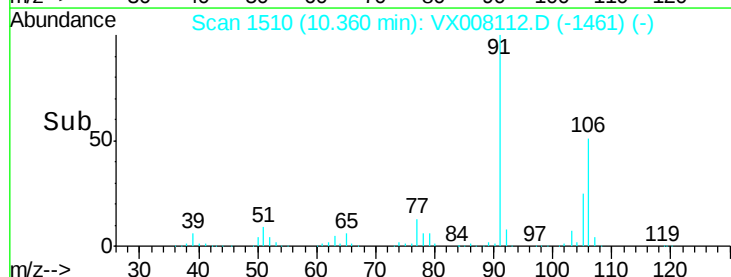
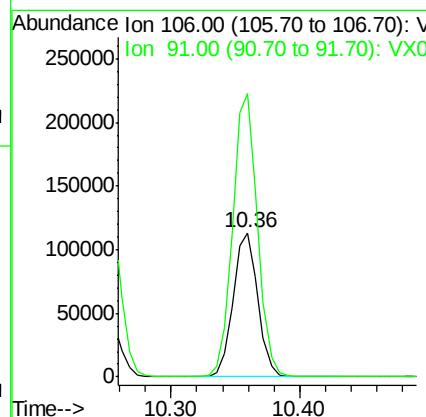
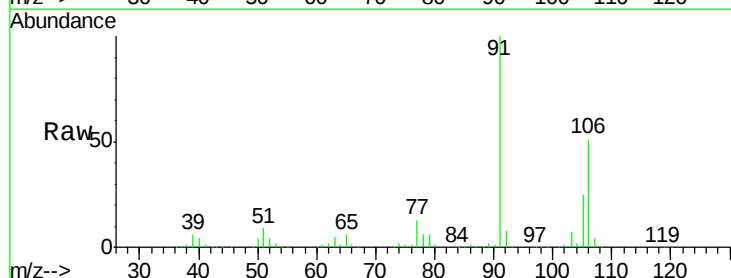
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS02

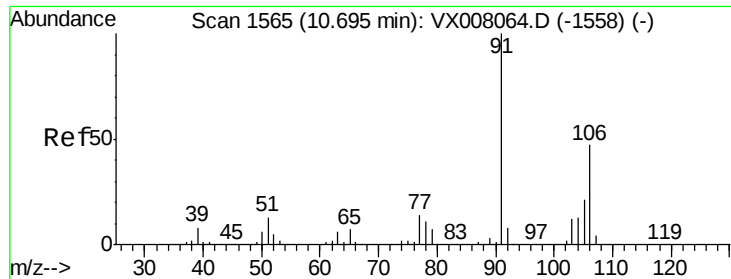
Tot Ion: 91 Resp: 192565
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 37.089 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 106 Resp: 151918
Ion Ratio Lower Upper
106 100
91 197.3 159.8 239.6

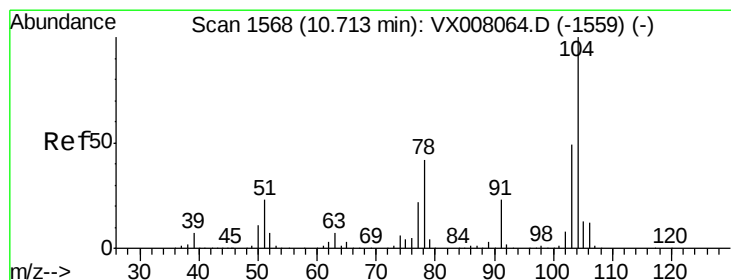
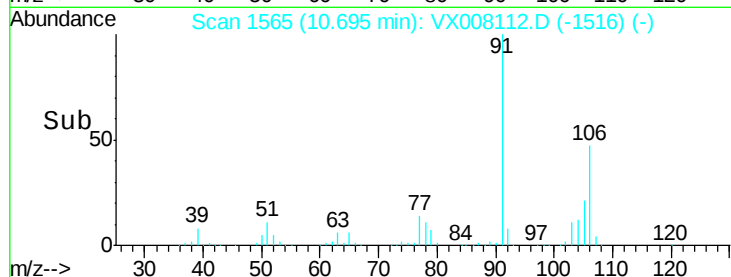
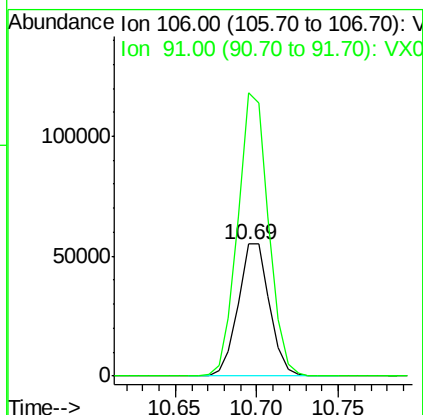
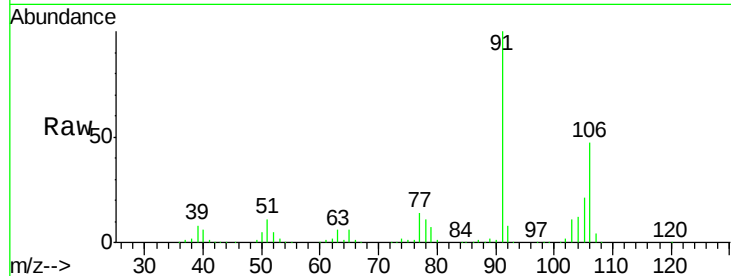




#69
o-Xylene
Concen: 18.561 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

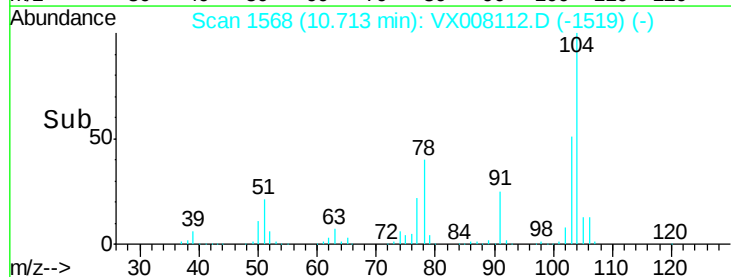
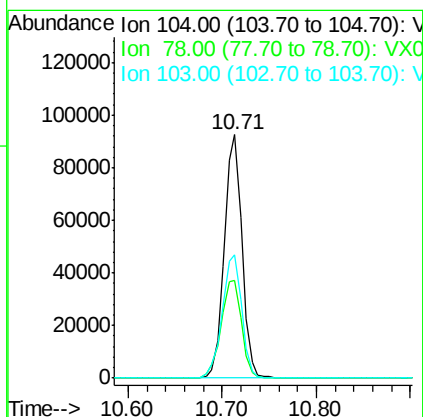
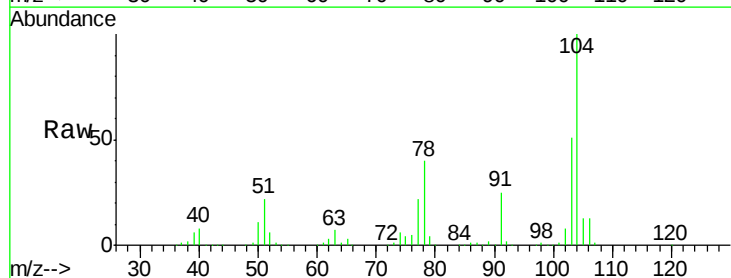
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS02

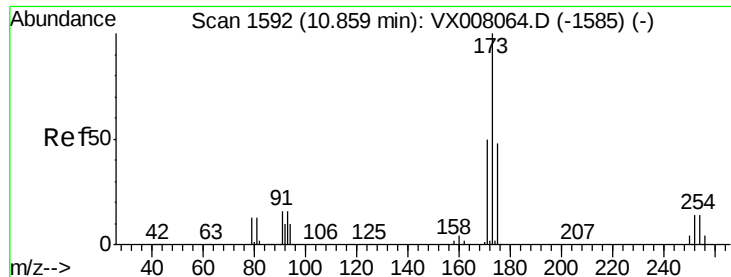
Tot Ion:106 Resp: 74114
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.9



#70
Styrene
Concen: 18.464 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion:104 Resp: 120777
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 55.9 44.1 66.1





#71

Bromoform

Concen: 19.055 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

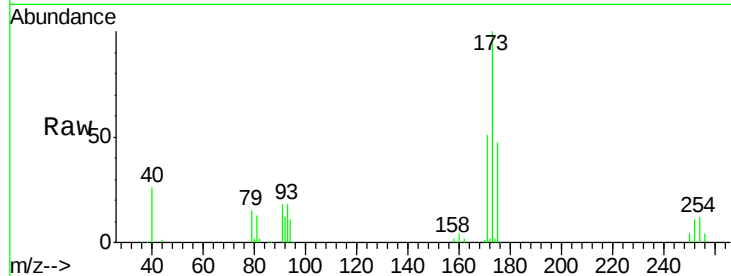
Tot Ion:173 Resp: 36192

Ion Ratio Lower Upper

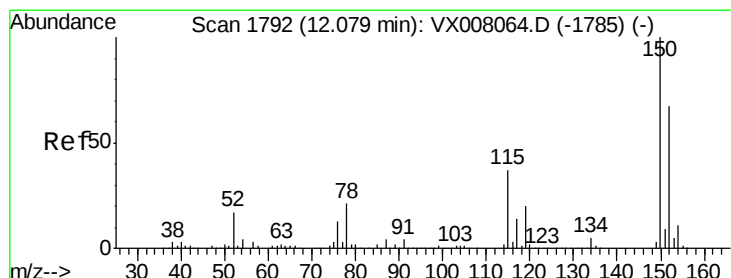
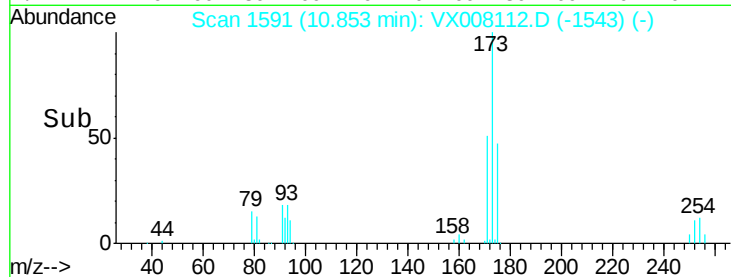
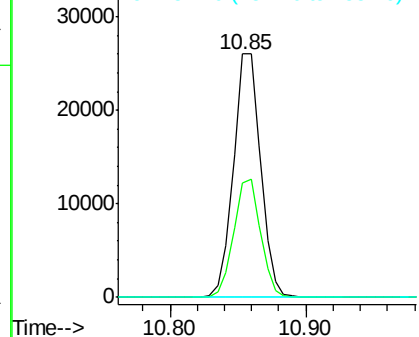
173 100

175 48.1 24.3 72.9

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: VX008112.D

Acq: 15 Mar 2019 18:09

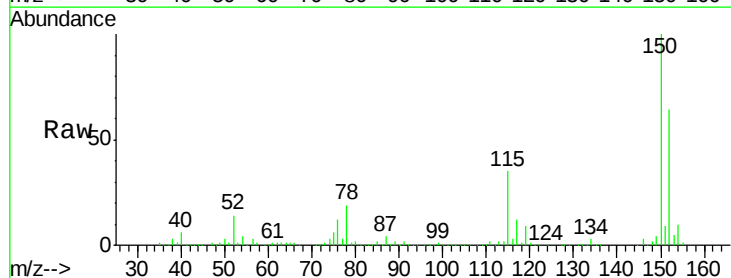
Tgt Ion:152 Resp: 166873

Ion Ratio Lower Upper

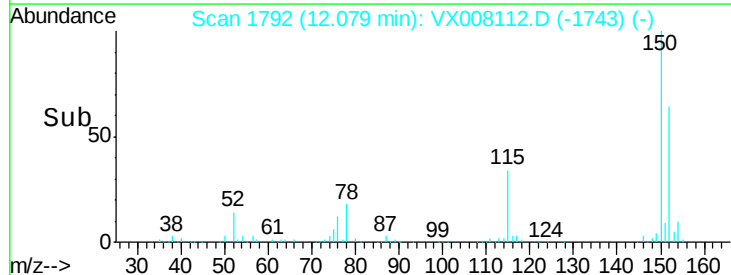
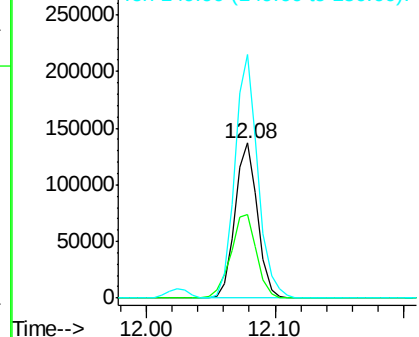
152 100

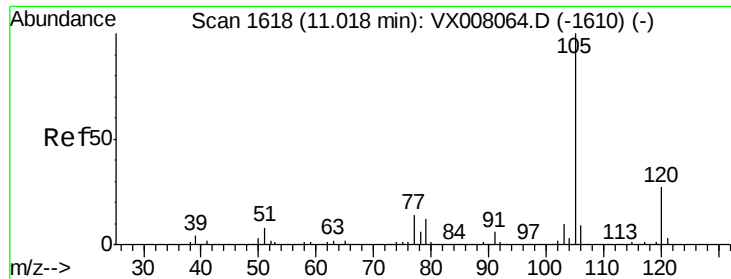
115 62.3 38.6 115.7

150 161.2 0.0 348.4



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





#73

Isopropylbenzene

Concen: 18.740 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

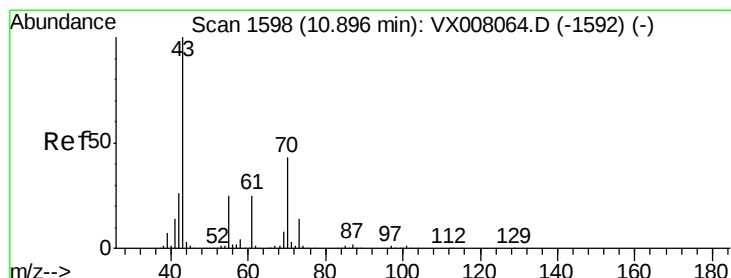
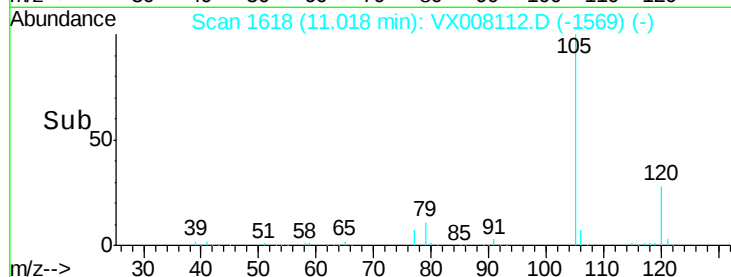
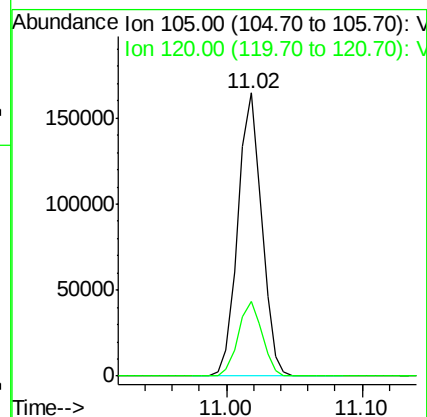
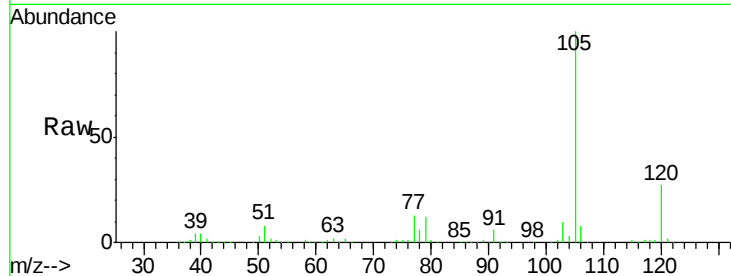
VX0315WS02

Tot Ion:105 Resp: 200295

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 16.807 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Tgt Ion: 43 Resp: 75776

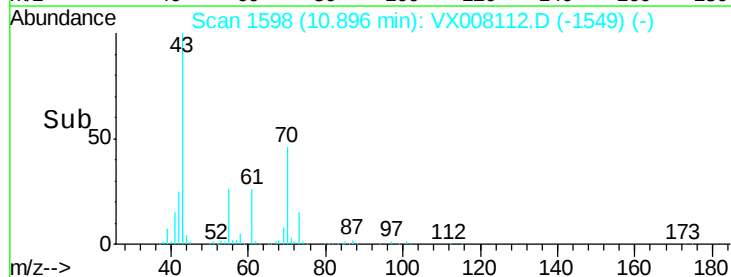
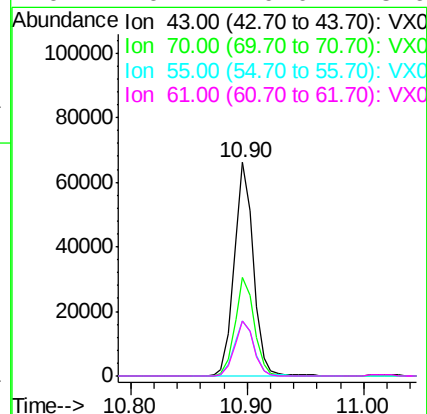
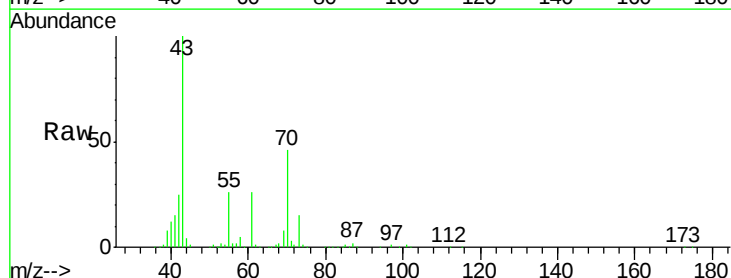
Ion Ratio Lower Upper

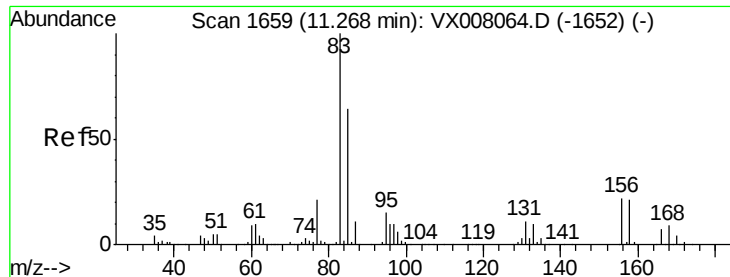
43 100

70 46.4 33.5 50.3

55 26.9 19.2 28.8

61 26.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.602 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

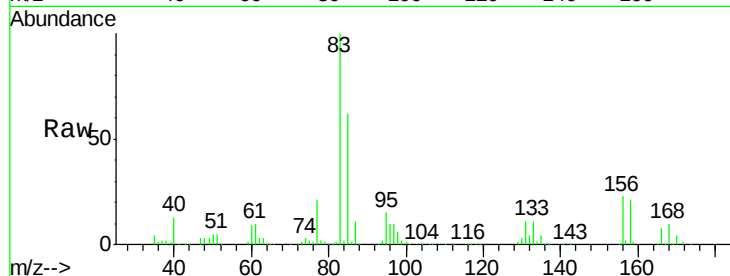
Tot Ion: 83 Resp: 65144

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

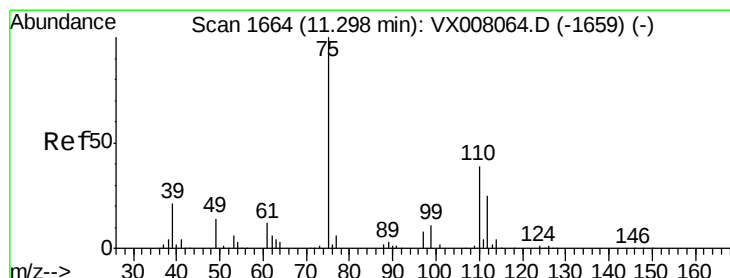
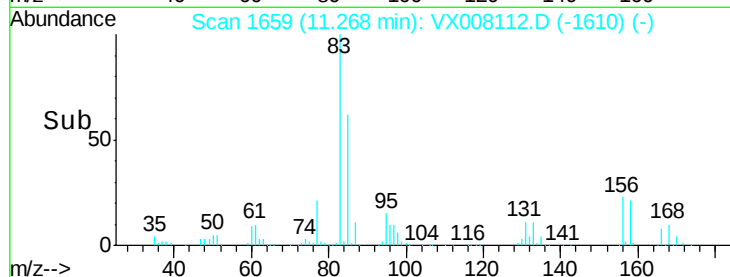
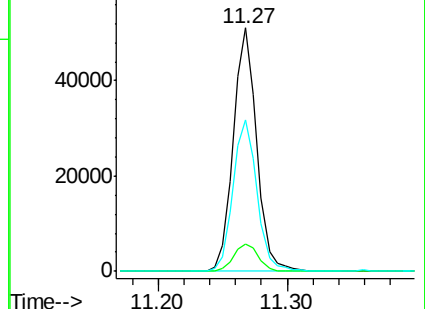
85 64.0 32.3 96.8



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: 25.157 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008112.D

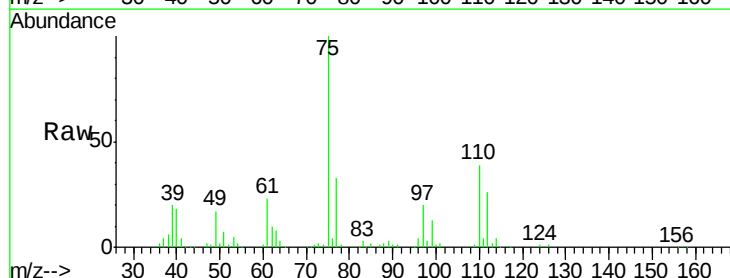
Acq: 15 Mar 2019 18:09

Tgt Ion: 75 Resp: 72908

Ion Ratio Lower Upper

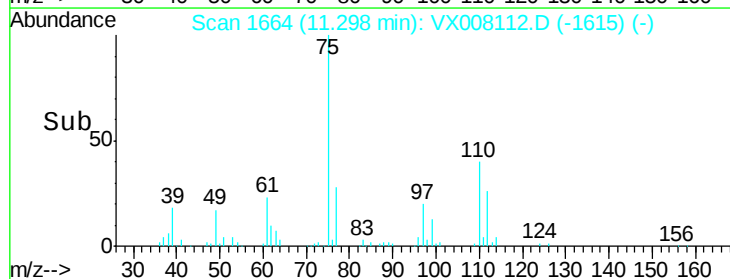
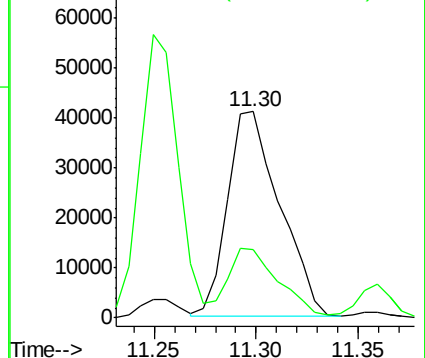
75 100

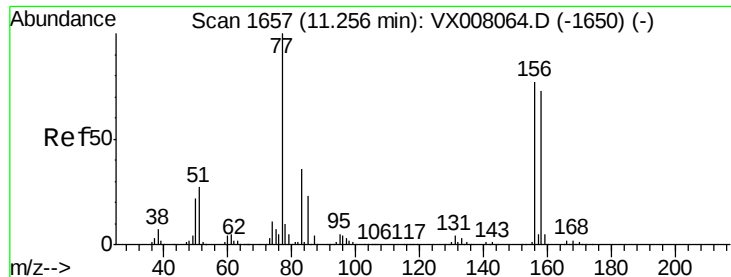
77 33.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.739 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

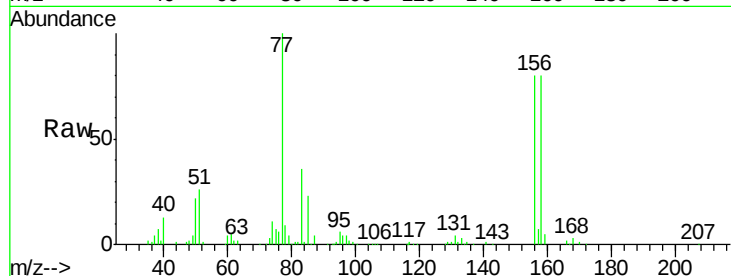
Tot Ion:156 Resp: 54668

Ion Ratio Lower Upper

156 100

77 133.3 72.0 215.9

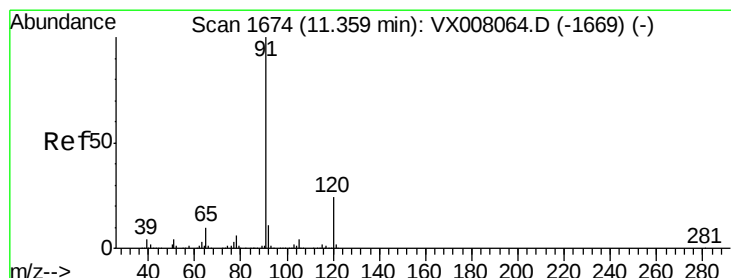
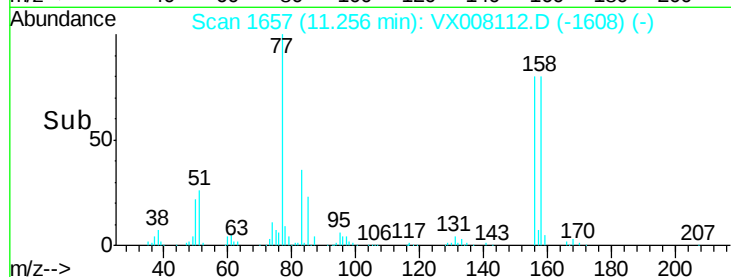
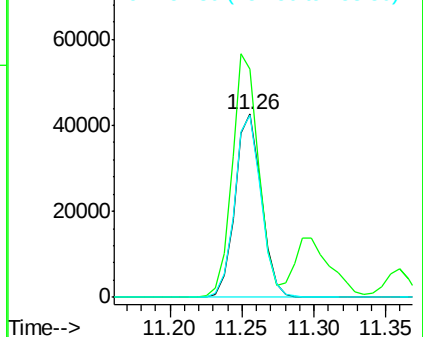
158 99.8 48.6 145.9



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: 18.197 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008112.D

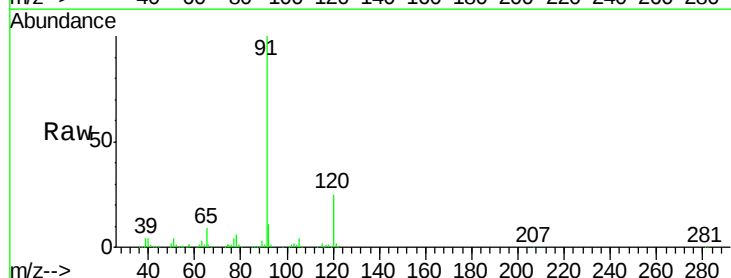
Acq: 15 Mar 2019 18:09

Tgt Ion: 91 Resp: 213374

Ion Ratio Lower Upper

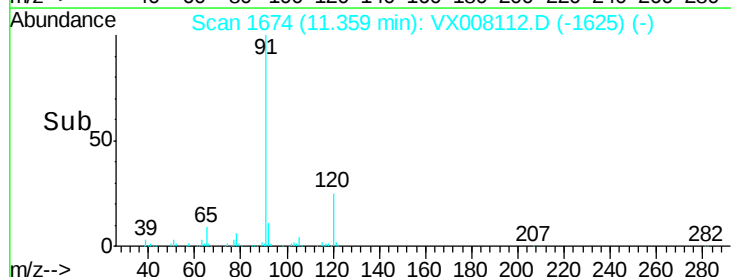
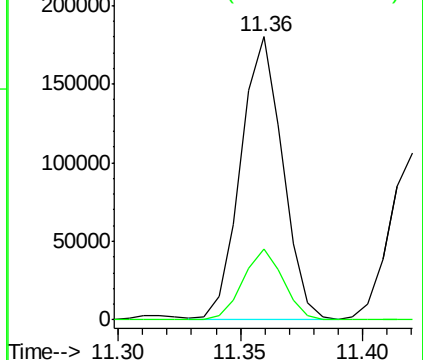
91 100

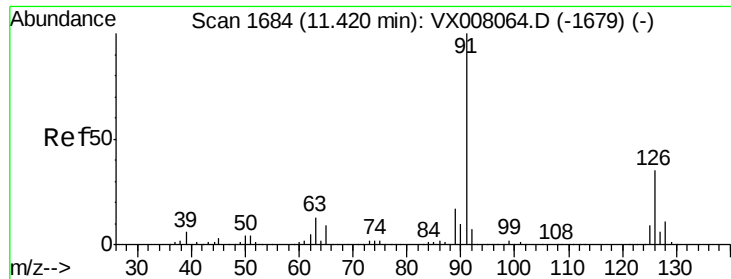
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

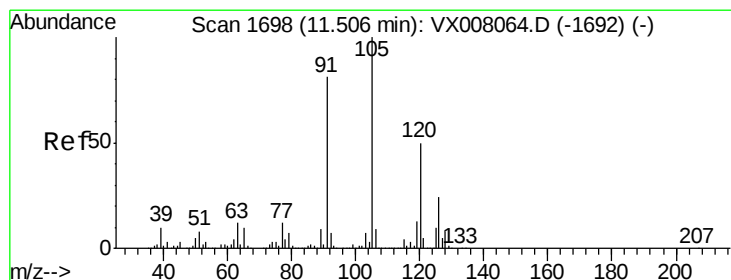
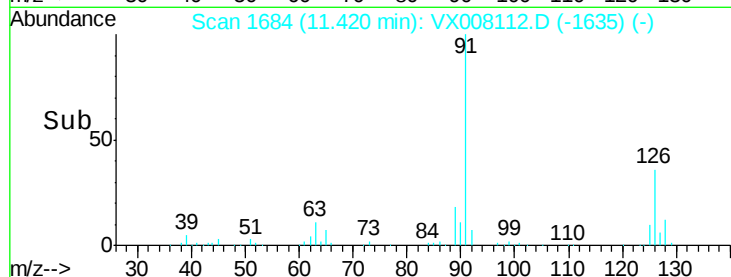
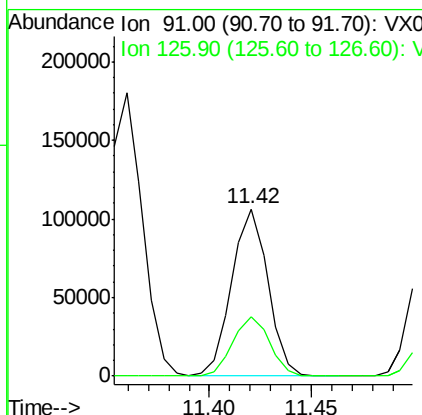
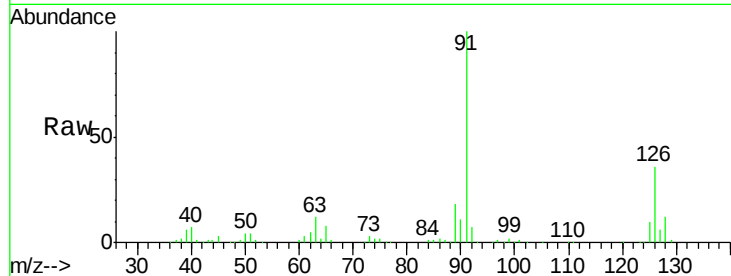




#79
 2-Chlorotoluene
 Concen: 18.211 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

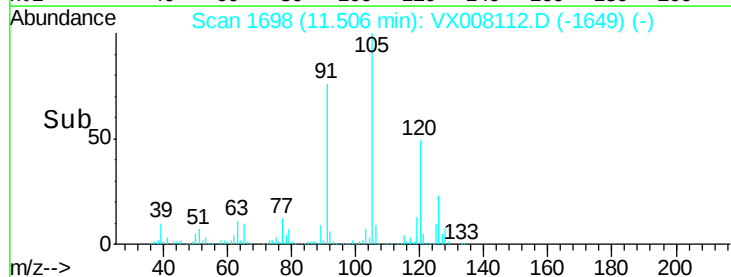
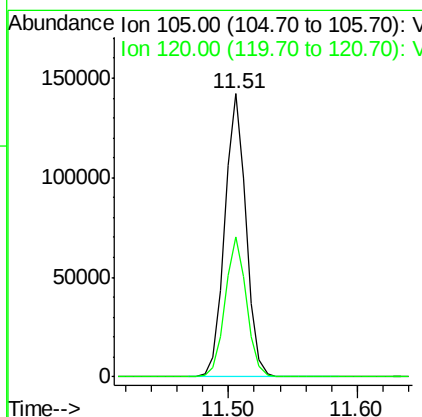
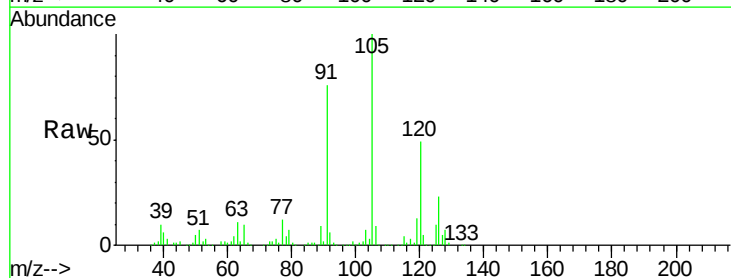
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

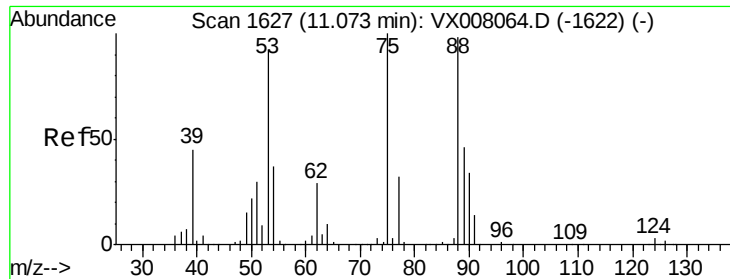
Tot Ion: 91 Resp: 130413
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.771 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion: 105 Resp: 165317
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.867 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

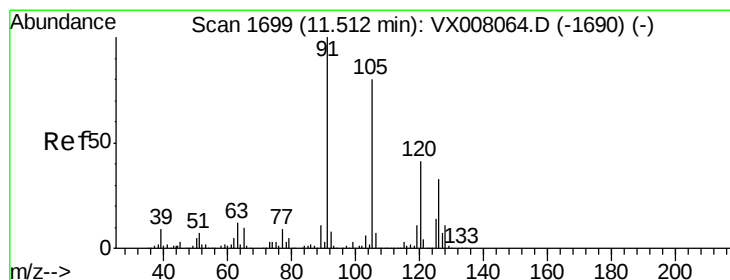
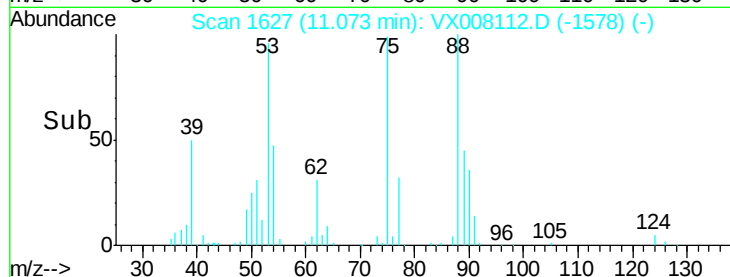
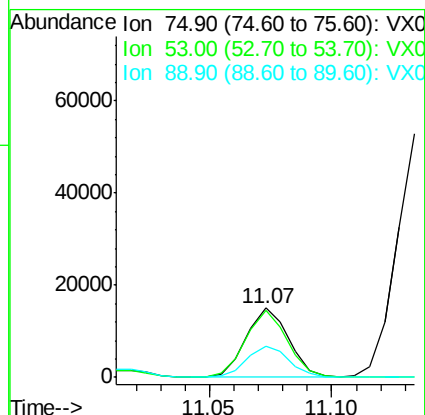
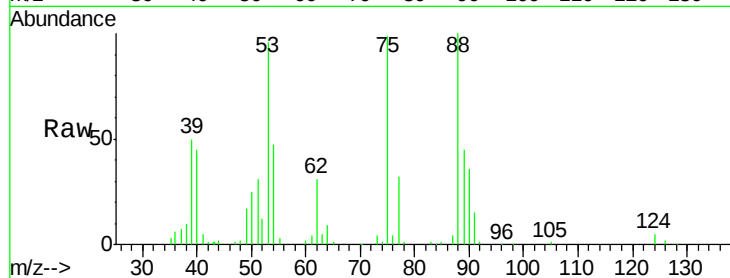
Tot Ion: 75 Resp: 18196

Ion Ratio Lower Upper

75 100

53 96.9 76.1 114.1

89 46.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.123 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008112.D

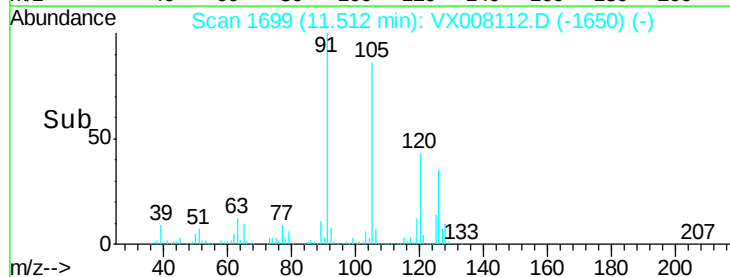
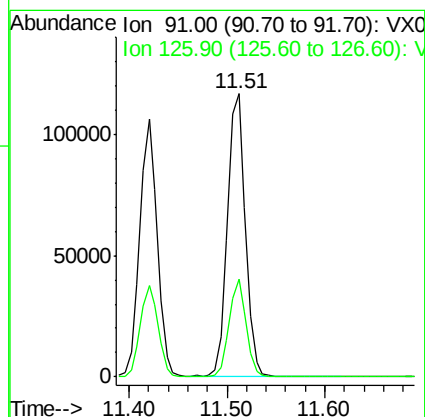
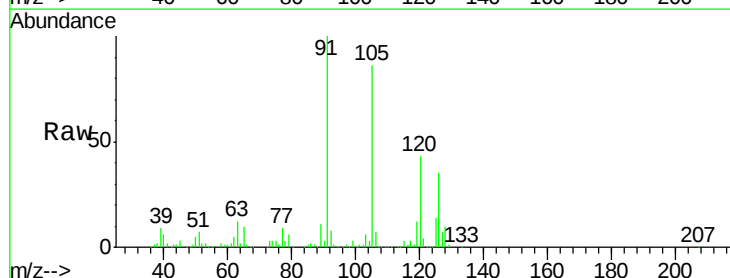
Acq: 15 Mar 2019 18:09

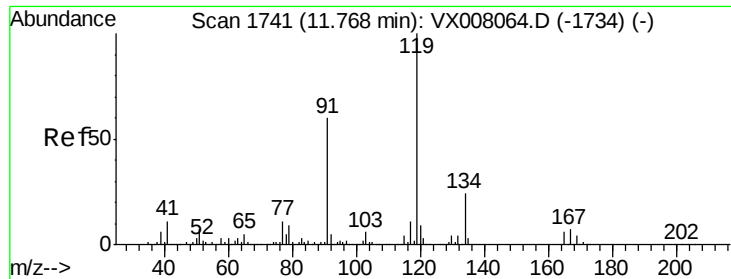
Tgt Ion: 91 Resp: 148636

Ion Ratio Lower Upper

91 100

126 32.8 15.6 46.8

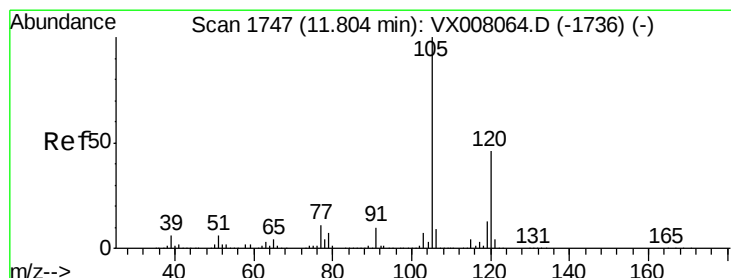
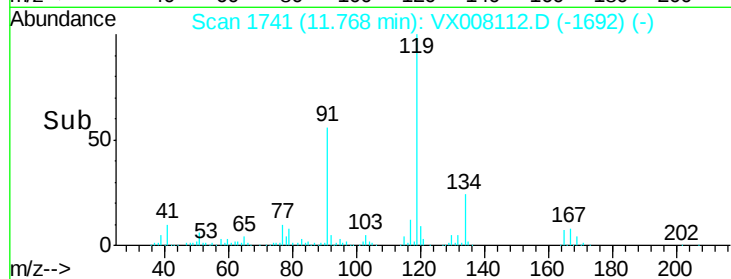
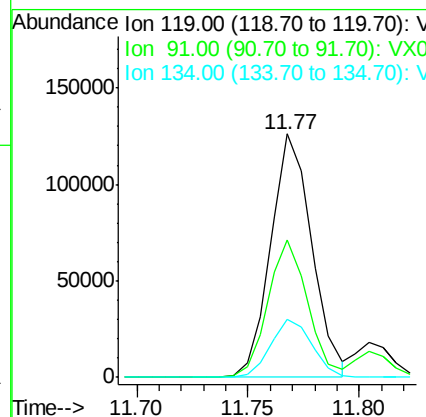
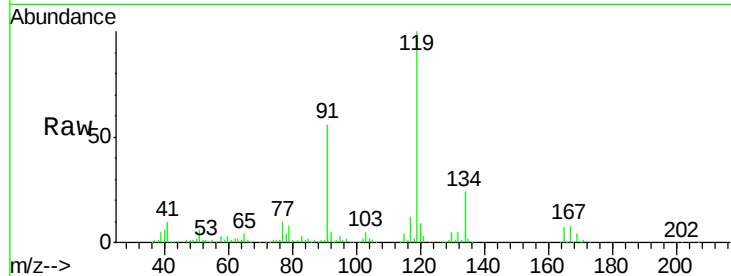




#83
tert-Butylbenzene
Concen: 18.401 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

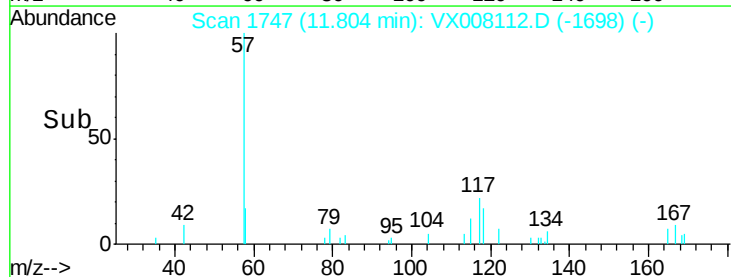
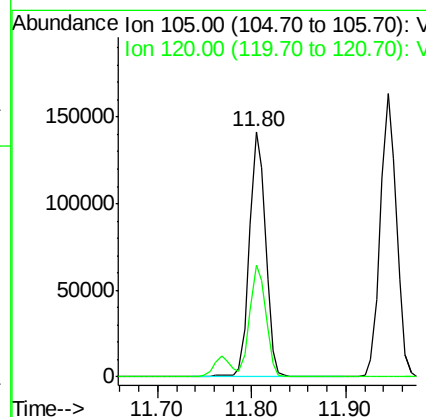
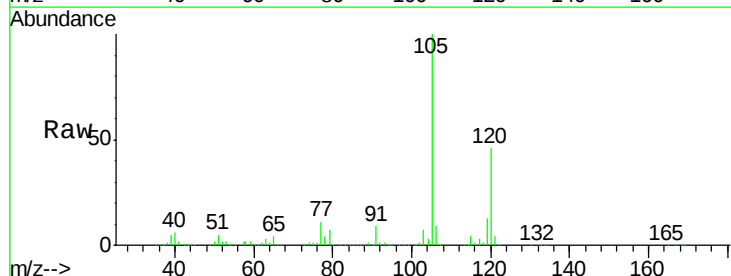
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS02

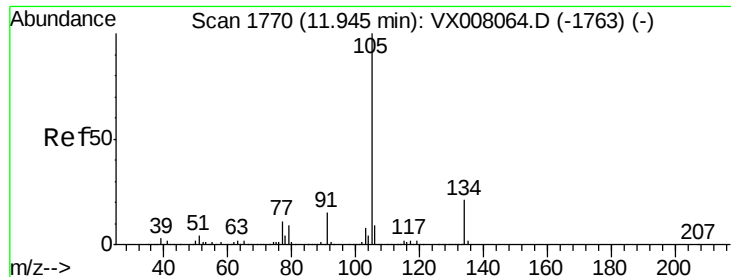
Tot Ion:119 Resp: 162404
Ion Ratio Lower Upper
119 100
91 54.4 27.1 81.3
134 23.9 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 18.663 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion:105 Resp: 169549
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.519 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

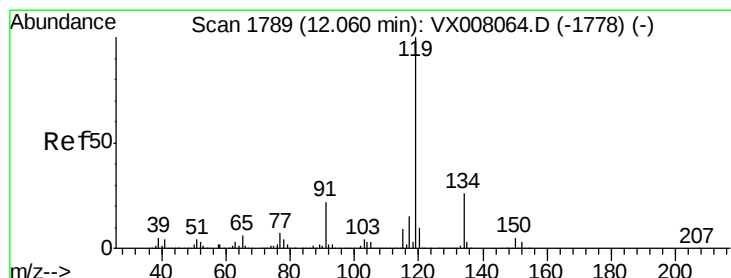
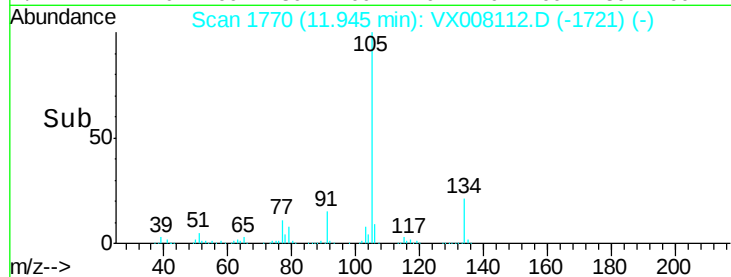
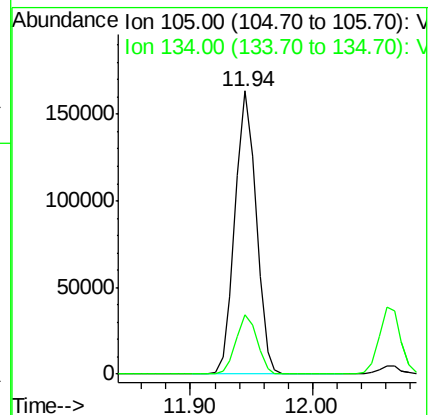
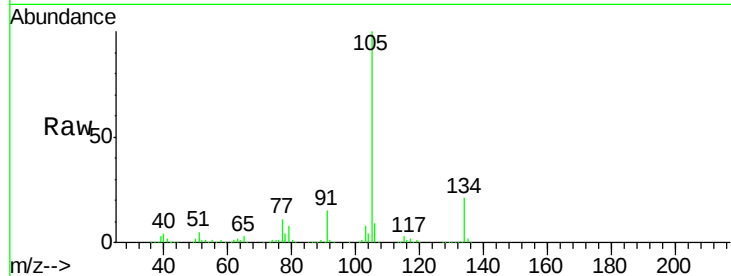
VX0315WBS02

Tot Ion:105 Resp: 194739

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.563 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

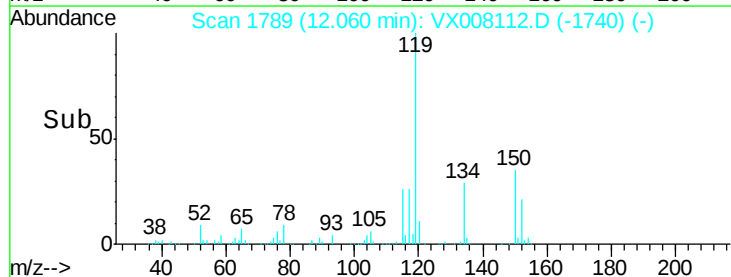
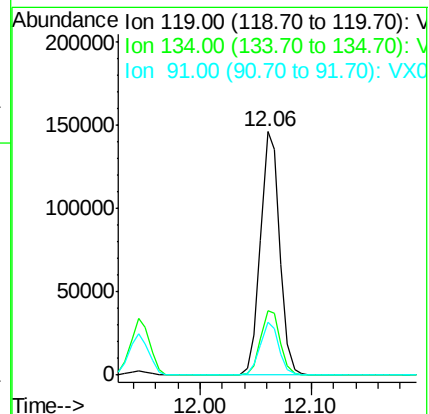
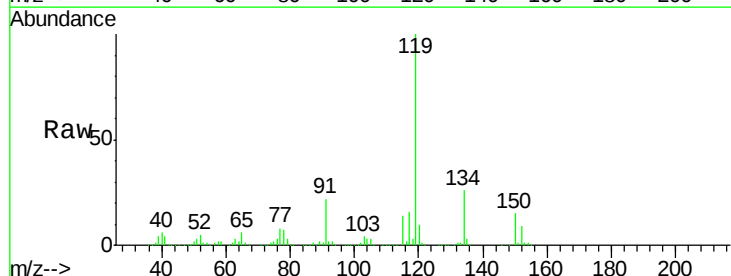
Tgt Ion:119 Resp: 176533

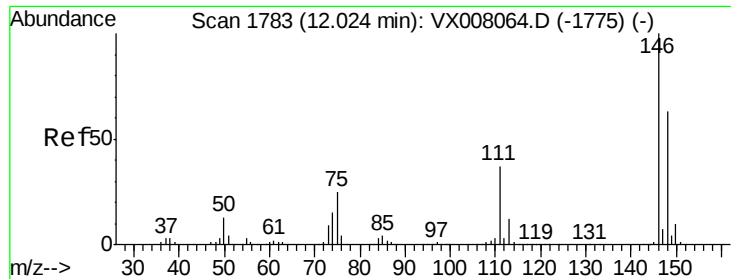
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 21.4 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 18.592 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS02

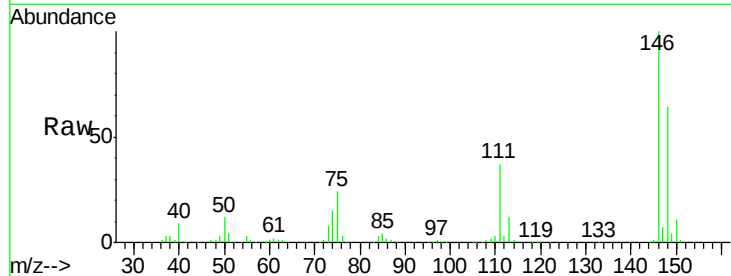
Tot Ion:146 Resp: 96532

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

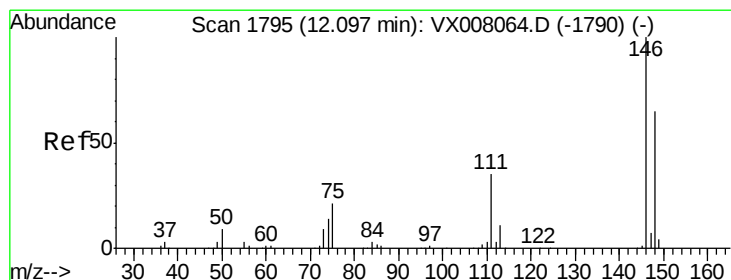
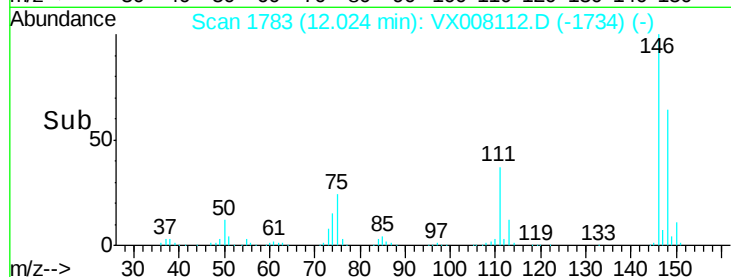
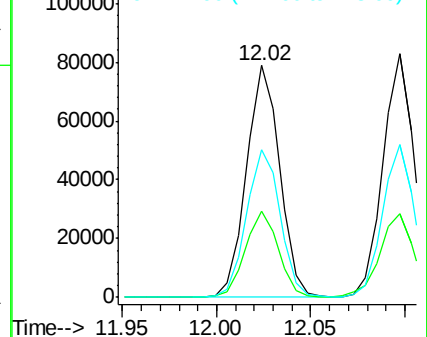
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.372 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

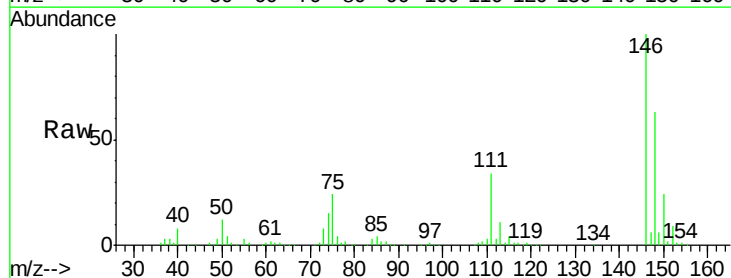
Tgt Ion:146 Resp: 96862

Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.0

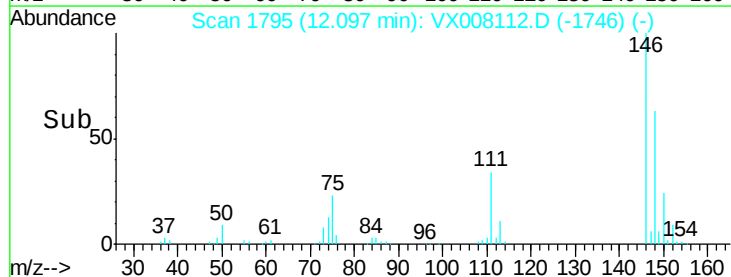
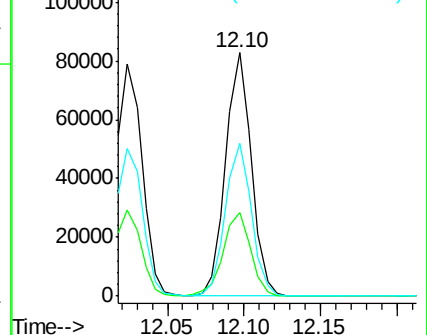
148 64.0 32.2 96.6

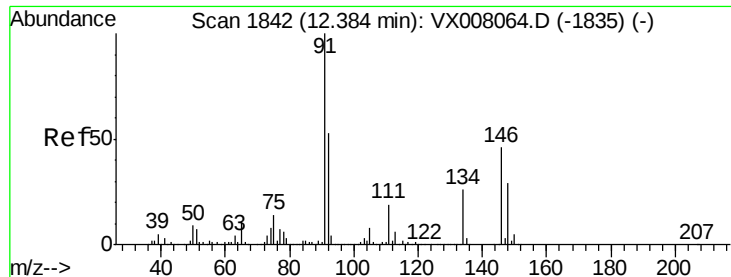


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

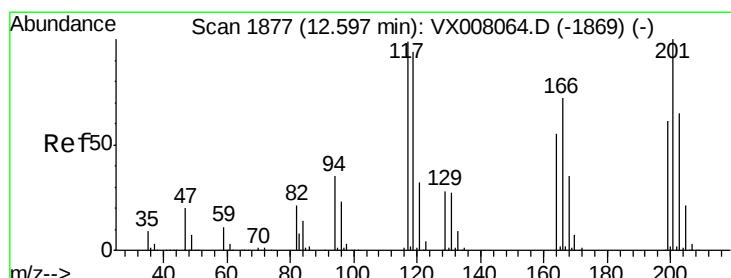
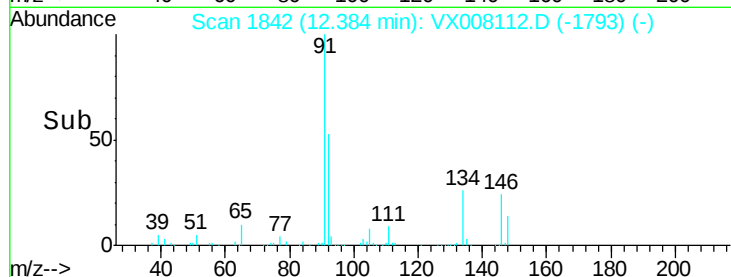
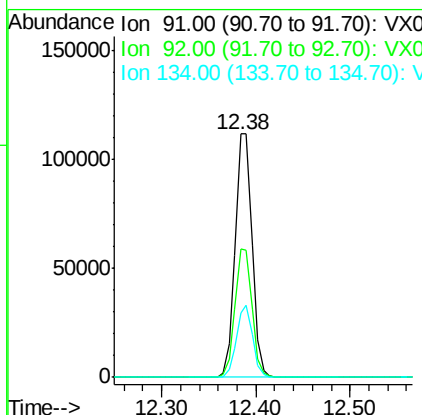
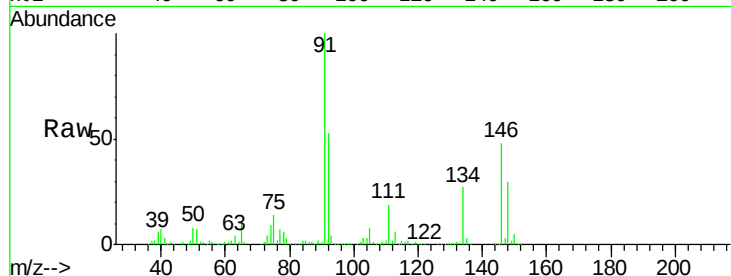




#89
n-Butylbenzene
Concen: 17.484 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

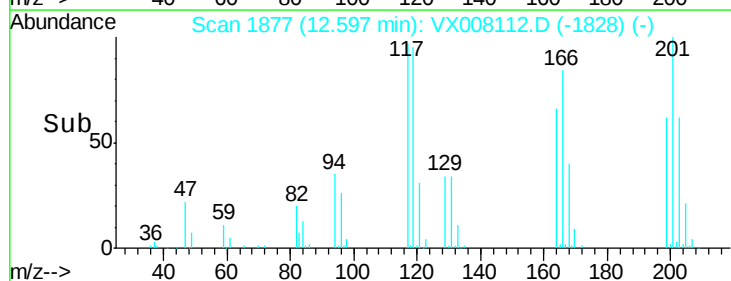
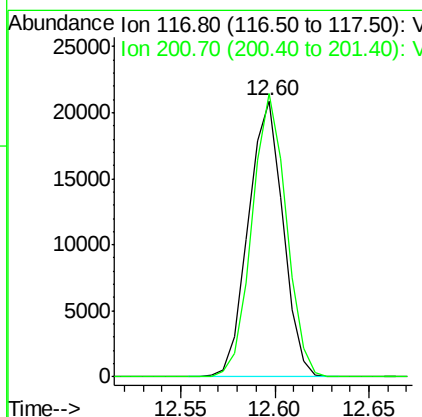
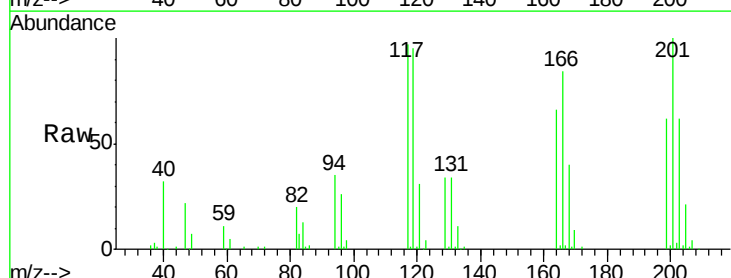
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

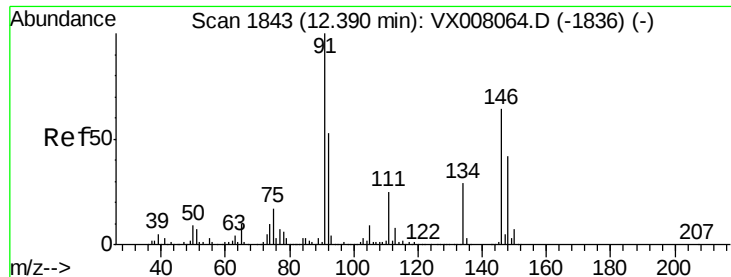
Tot Ion: 91 Resp: 139128
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 28.1 13.7 41.0



#90
Hexachloroethane
Concen: 17.522 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion: 117 Resp: 26669
Ion Ratio Lower Upper
117 100
201 101.1 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 18.961 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS02

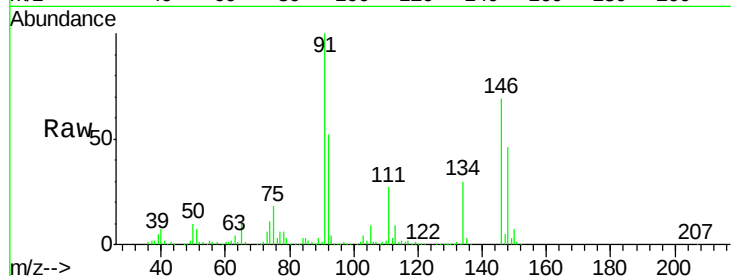
Tot Ion:146 Resp: 97673

Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.8

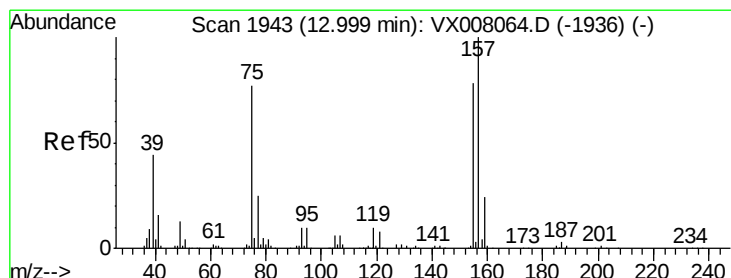
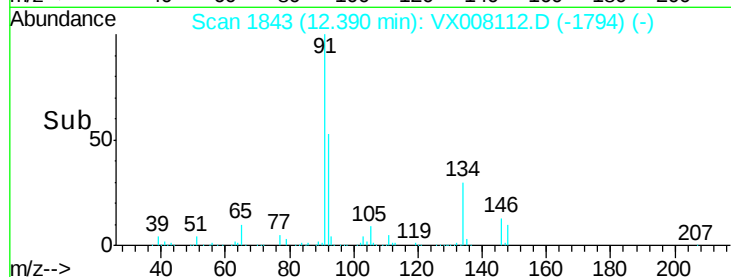
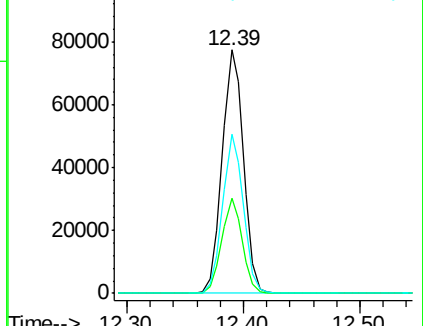
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.047 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008112.D

Acq: 15 Mar 2019 18:09

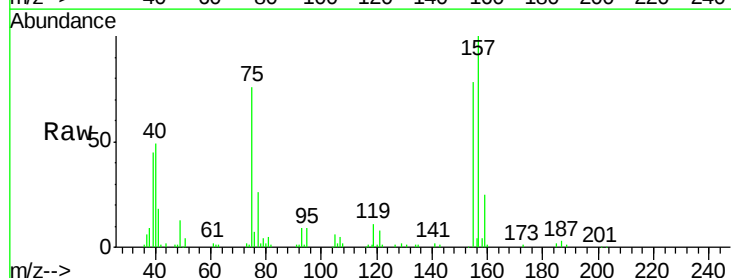
Tgt Ion: 75 Resp: 13486

Ion Ratio Lower Upper

75 100

155 110.0 49.7 149.1

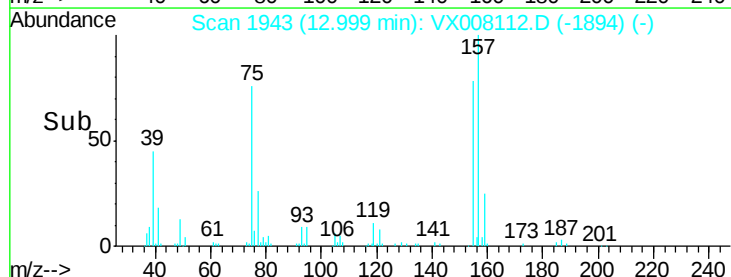
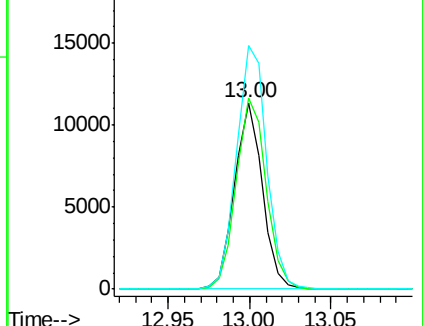
157 141.8 63.8 191.4

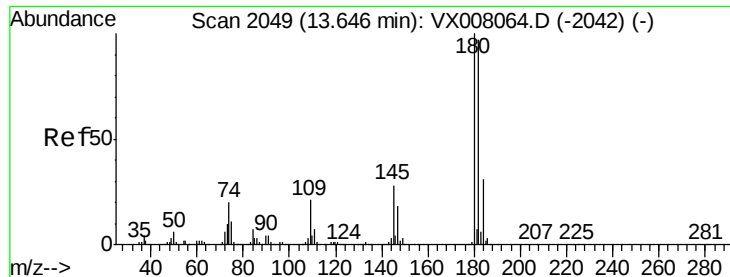


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

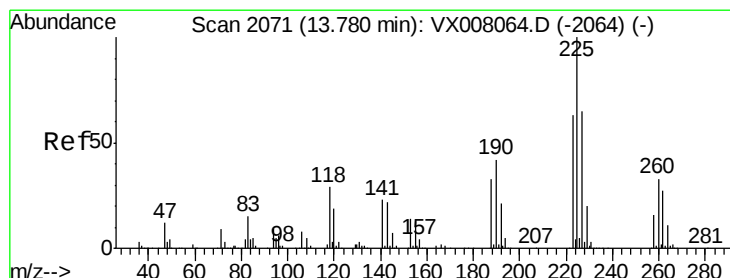
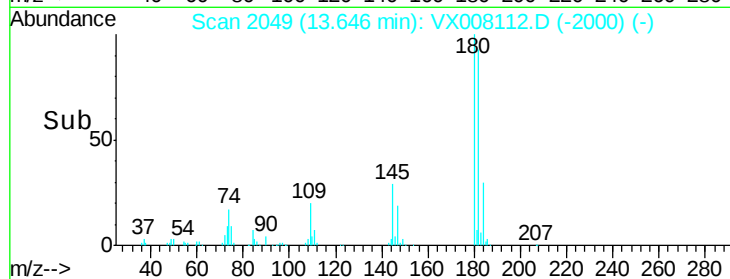
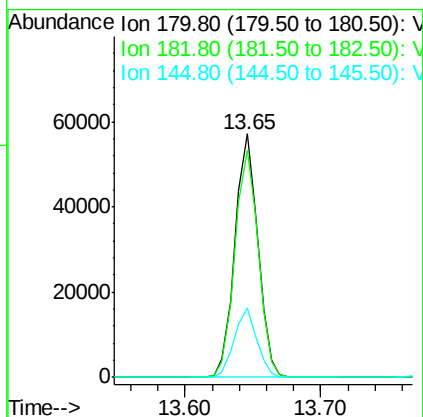
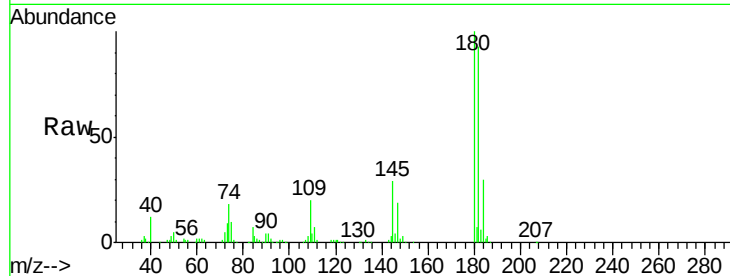




#93
 1,2,4-Trichlorobenzene
 Concen: 18.505 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

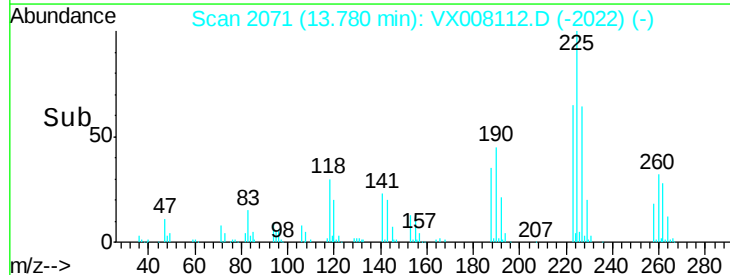
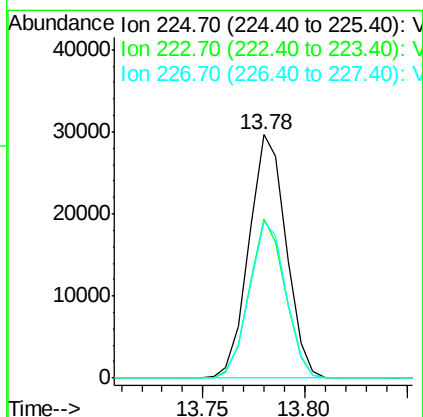
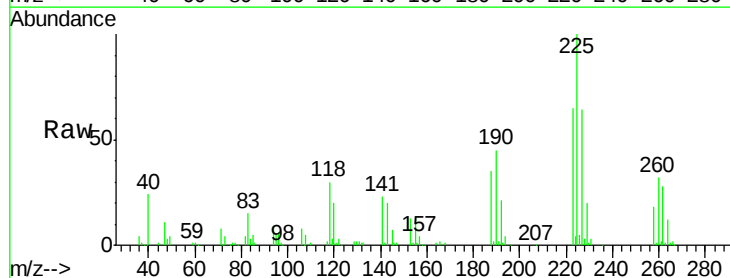
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS02

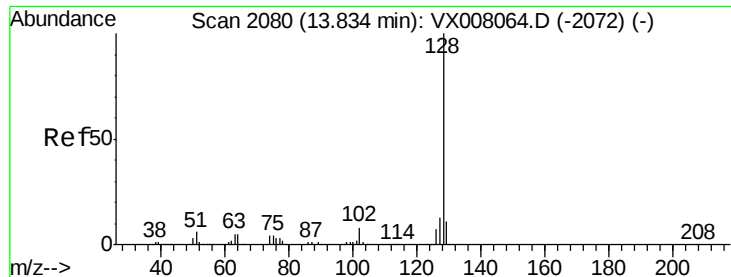
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.7
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.929 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008112.D
 Acq: 15 Mar 2019 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.2
227	63.5	32.0	96.0

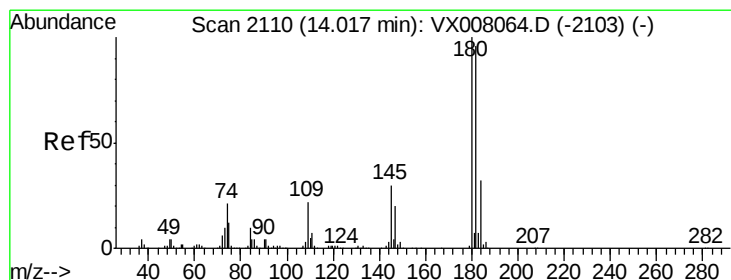
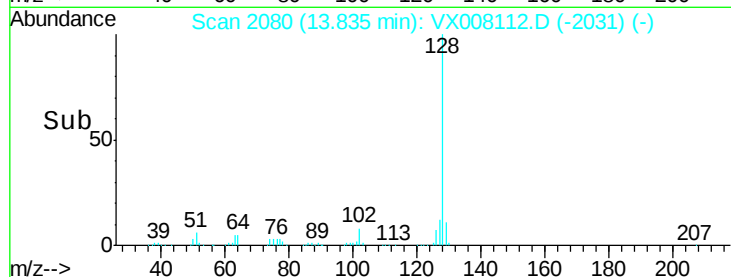
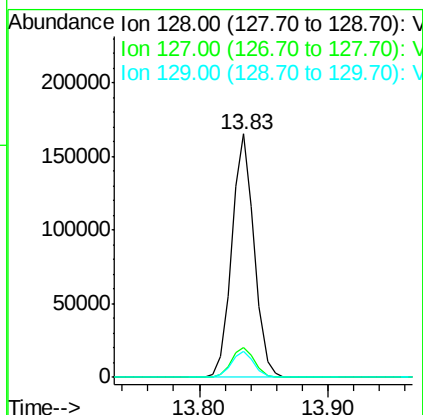
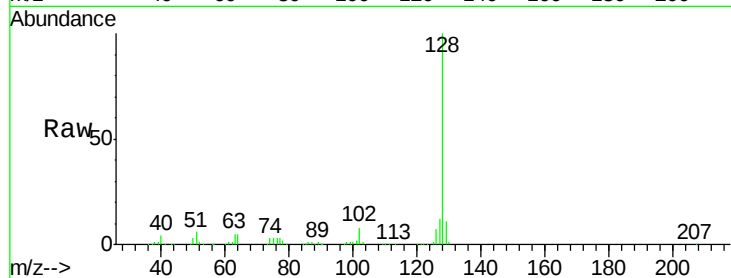




#95
Naphthalene
Concen: 19.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS02

Tot Ion:128 Resp: 199994
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.173 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008112.D
Acq: 15 Mar 2019 18:09

Tgt Ion:180 Resp: 68871
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 29.6 14.8 44.3

