

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008049.D
 Acq On : 13 Mar 2019 15:18
 Operator : JC/SP
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Quant Time: Mar 14 04:17:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148111	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	120722	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	107330	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	403866	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	142625	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34980	17.578	ug/l	99
3) Chloromethane	1.33	50	45774	17.849	ug/l	99
4) Vinyl Chloride	1.41	62	48039	18.853	ug/l	98
5) Bromomethane	1.64	94	25657	20.798	ug/l	99
6) Chloroethane	1.73	64	27501	16.246	ug/l	99
7) Trichlorofluoromethane	1.93	101	55959	16.867	ug/l	98
8) Diethyl Ether	2.19	74	24969	17.380	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35714	17.372	ug/l	99
10) Methyl Iodide	2.51	142	54023	18.523	ug/l	97
11) Tert butyl alcohol	3.07	59	46652	84.900	ug/l	100
12) 1,1-Dichloroethene	2.38	96	34685	17.502	ug/l	92
13) Acrolein	2.30	56	19775	64.742	ug/l	99
14) Allyl chloride	2.73	41	65048	15.621	ug/l	99
15) Acrylonitrile	3.15	53	114859	82.813	ug/l	99
16) Acetone	2.45	43	93748	65.918	ug/l	98
17) Carbon Disulfide	2.57	76	96831	15.783	ug/l	100
18) Methyl Acetate	2.78	43	53367	17.663	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	123570	18.125	ug/l	98
20) Methylene Chloride	2.86	84	38949	17.208	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37965	17.411	ug/l	94
22) Diisopropyl ether	3.87	45	144487	18.928	ug/l	98
23) Vinyl Acetate	3.82	43	593151	88.610	ug/l	99
24) 1,1-Dichloroethane	3.70	63	74770	18.201	ug/l	97
25) 2-Butanone	4.70	43	174059	86.448	ug/l	97
26) 2,2-Dichloropropane	4.59	77	47544	17.469	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	47259	18.940	ug/l	98
28) Bromochloromethane	5.02	49	36753	19.191	ug/l	97
29) Tetrahydrofuran	5.15	42	116992	93.152	ug/l	99
30) Chloroform	5.21	83	75195	19.351	ug/l	99
31) Cyclohexane	5.58	56	69540	18.419	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	62071	19.252	ug/l	98
36) 1,1-Dichloropropene	5.80	75	56266	18.376	ug/l	99
37) Ethyl Acetate	4.85	43	66209	18.221	ug/l	99
38) Carbon Tetrachloride	5.78	117	53125	18.276	ug/l	99

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 VX0313WBSD01

Quant Time: Mar 14 04:17:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67057	18.074	ug/l	98
40) Benzene	6.15	78	176283	19.339	ug/l	98
41) Methacrylonitrile	5.06	41	37357	18.857	ug/l	98
42) 1,2-Dichloroethane	6.20	62	56779	19.047	ug/l	100
43) Isopropyl Acetate	6.46	43	101424	18.861	ug/l	99
44) Trichloroethene	7.21	130	48705	19.388	ug/l	99
45) 1,2-Dichloropropane	7.52	63	47477	19.720	ug/l	100
46) Dibromomethane	7.66	93	29416	19.306	ug/l	100
47) Bromodichloromethane	7.90	83	53502	18.521	ug/l	98
48) Methyl methacrylate	7.77	41	53360	18.873	ug/l	97
49) 1,4-Dioxane	7.75	88	21418	368.774	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	335970	97.148	ug/l	99
52) Toluene	8.79	92	108245	19.450	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	55718	18.480	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	65013	19.094	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45150	20.041	ug/l	99
56) Ethyl methacrylate	9.18	69	67680	20.008	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74485	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	192234	109.865	ug/l	99
59) 2-Hexanone	9.49	43	251951	93.838	ug/l	100
60) Dibromochloromethane	9.58	129	43442	18.448	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46693	19.521	ug/l	100
64) Tetrachloroethene	9.34	164	48418	19.484	ug/l	97
65) Chlorobenzene	10.14	112	119676	19.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42920	19.084	ug/l	98
67) Ethyl Benzene	10.25	91	200149	19.377	ug/l	99
68) m/p-Xylenes	10.36	106	152599	38.327	ug/l	100
69) o-Xylene	10.69	106	73919	19.230	ug/l	99
70) Styrene	10.71	104	122159	19.421	ug/l	100
71) Bromoform	10.85	173	33682	17.439	ug/l #	99
73) Isopropylbenzene	11.02	105	199229	19.889	ug/l	100
74) N-amyl acetate	10.90	43	84711	18.524	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65819	19.049	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	72956	23.474	ug/l	92
77) Bromobenzene	11.26	156	53549	19.499	ug/l	98
78) n-propylbenzene	11.36	91	217753	19.595	ug/l	99
79) 2-Chlorotoluene	11.42	91	132028	19.431	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	164549	19.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16996	17.480	ug/l	95
82) 4-Chlorotoluene	11.51	91	149359	19.182	ug/l	99
83) tert-Butylbenzene	11.77	119	159793	19.241	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	168707	19.961	ug/l	99
85) sec-Butylbenzene	11.94	105	193625	19.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	171621	19.593	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	91918	18.919	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93152	18.722	ug/l	99
89) n-Butylbenzene	12.38	91	138986	18.728	ug/l	99
90) Hexachloroethane	12.60	117	27286	18.631	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93314	19.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12981	17.976	ug/l	99

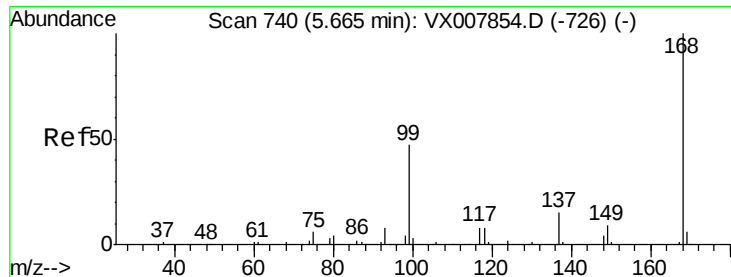
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
Data File : VX008049.D
Acq On : 13 Mar 2019 15:18
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Sample : VX0313WBSD01
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MSVOA_X
ClientSampleId :
VX0313WBSD01

Quant Time: Mar 14 04:17:45 2019
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63046	18.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	34502	19.463	ug/l	99
95) Naphthalene	13.83	128	188278	19.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64218	19.012	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

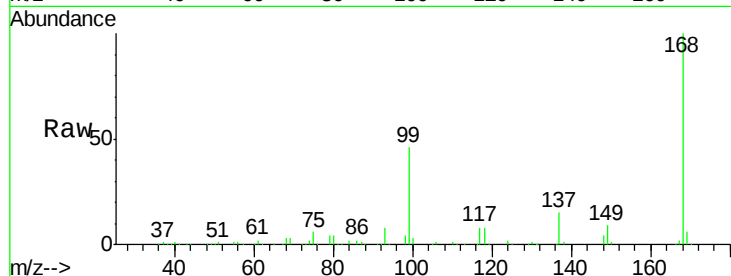
VX0313WBSD01

Tot Ion:168 Resp: 232922

Ion Ratio Lower Upper

168 100

99 46.0 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

80000

60000

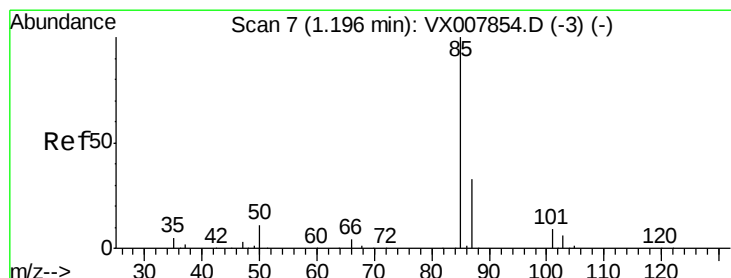
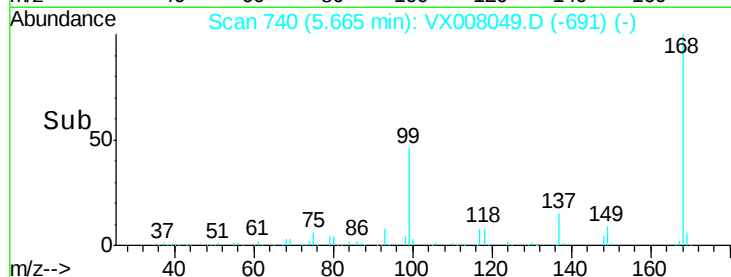
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.578 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008049.D

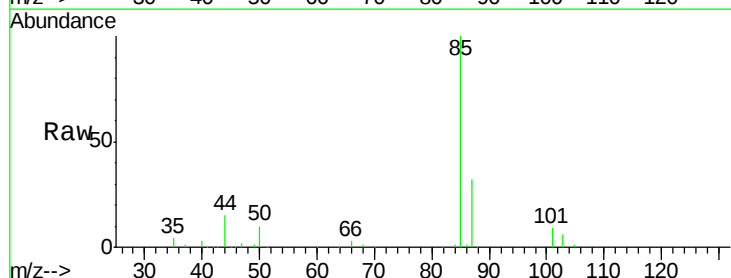
Acq: 13 Mar 2019 15:18

Tgt Ion: 85 Resp: 34980

Ion Ratio Lower Upper

85 100

87 32.3 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

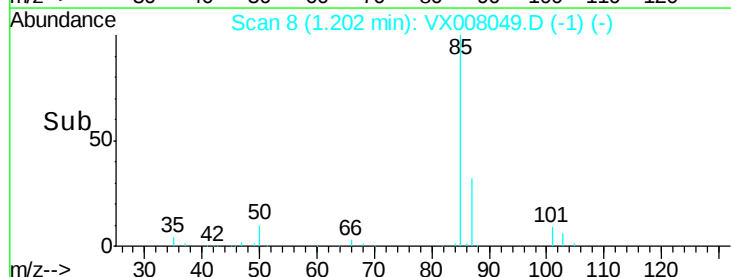
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.849 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

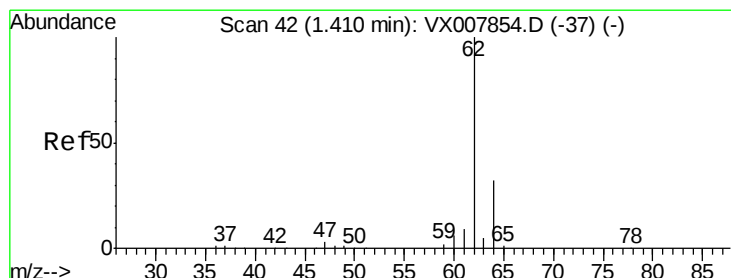
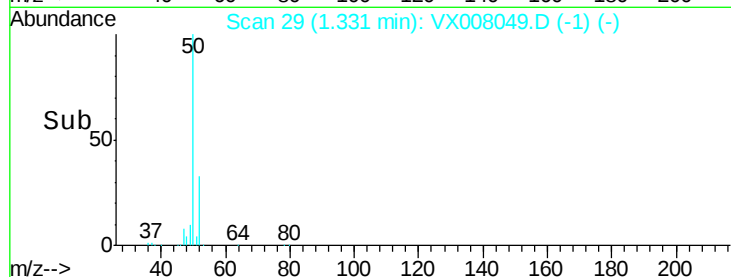
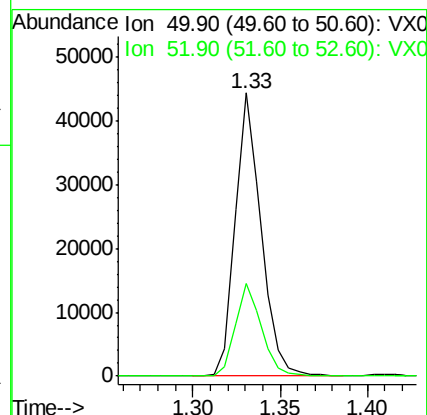
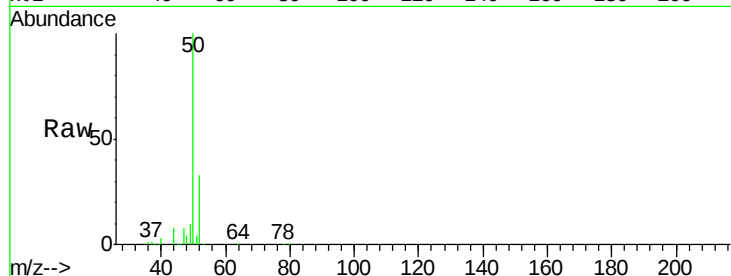
VX0313WBSD01

Tot Ion: 50 Resp: 45774

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 18.853 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008049.D

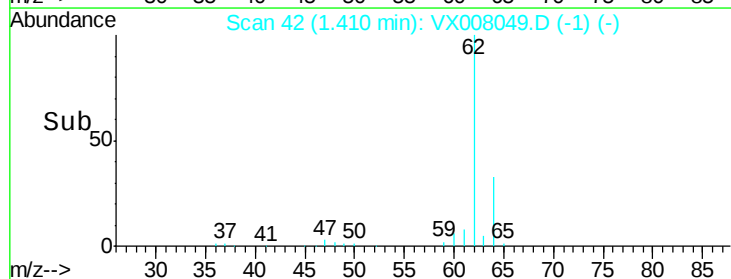
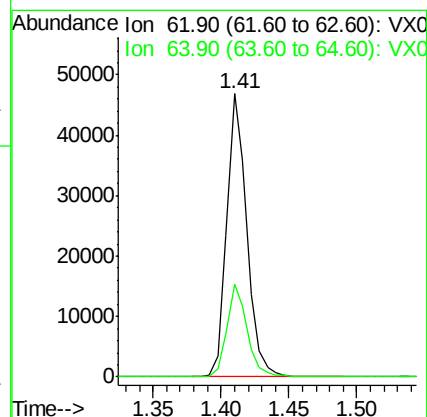
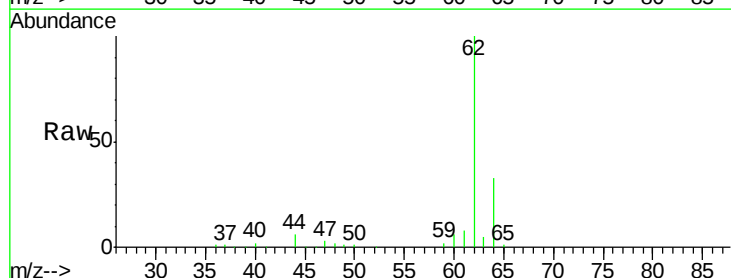
Acq: 13 Mar 2019 15:18

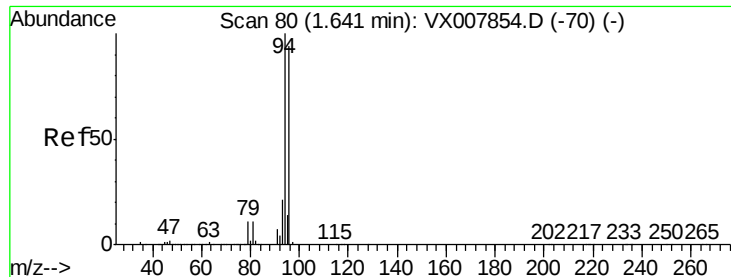
Tgt Ion: 62 Resp: 48039

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 20.798 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

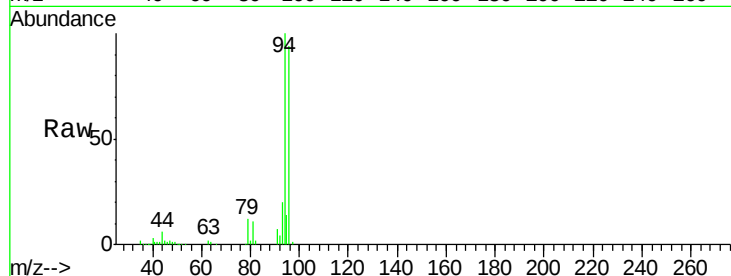
VX0313WBSD01

Tot Ion: 94 Resp: 25657

Ion Ratio Lower Upper

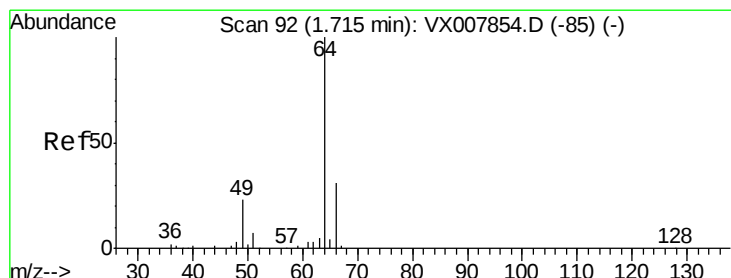
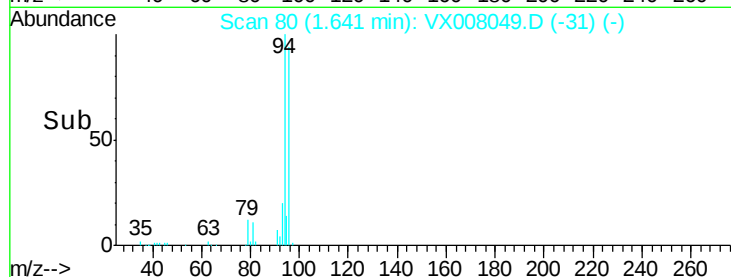
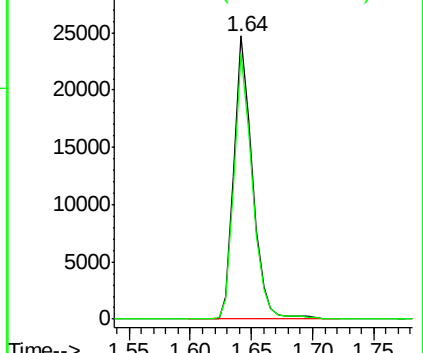
94 100

96 93.6 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: 16.246 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008049.D

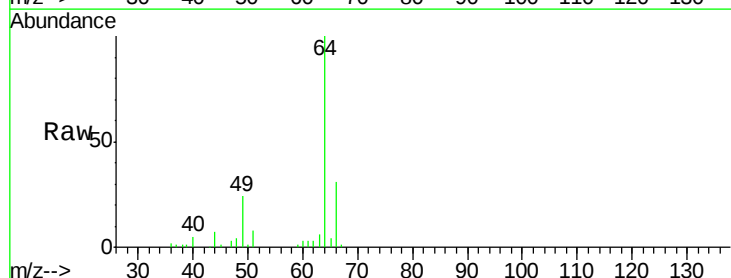
Acq: 13 Mar 2019 15:18

Tgt Ion: 64 Resp: 27501

Ion Ratio Lower Upper

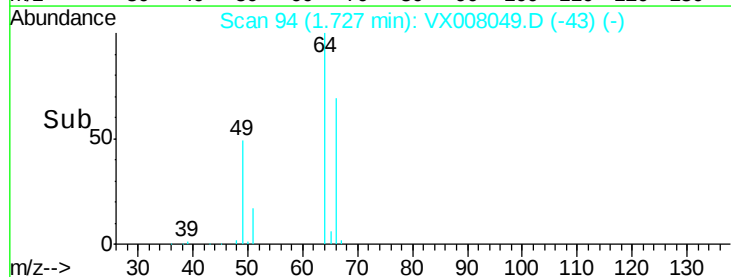
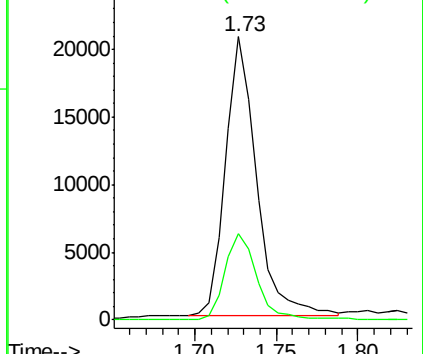
64 100

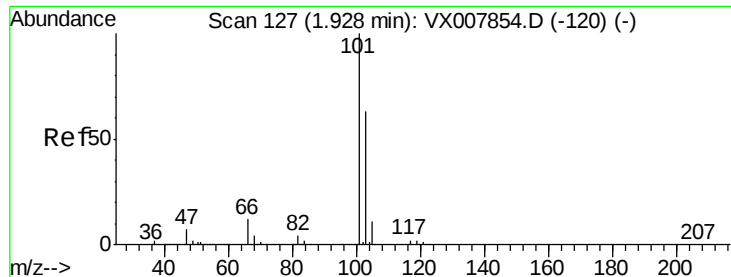
66 30.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



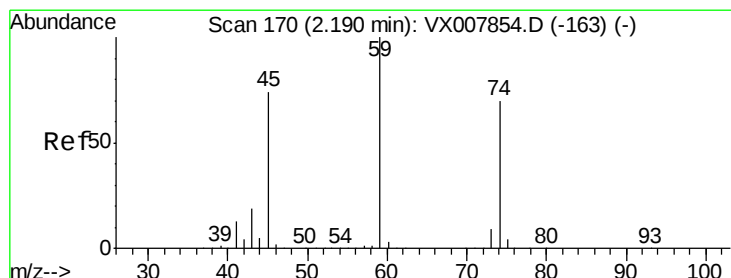
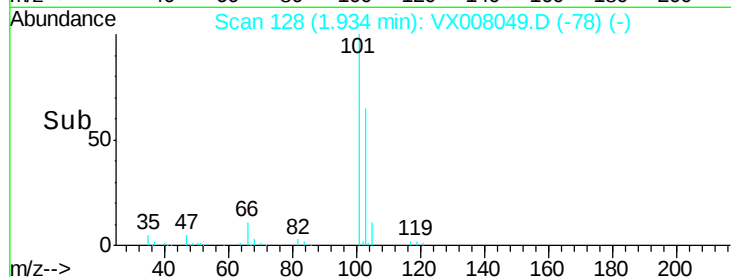
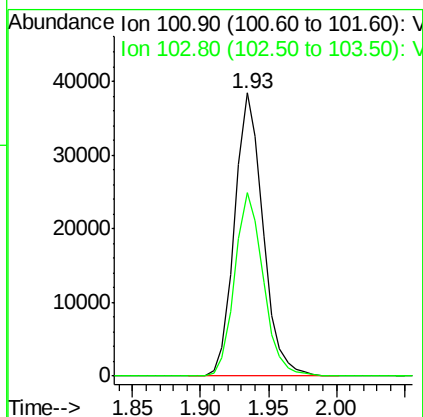
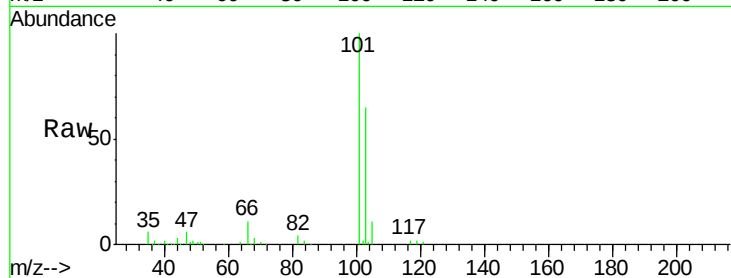


#7

Trichlorofluoromethane
Concen: 16.867 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

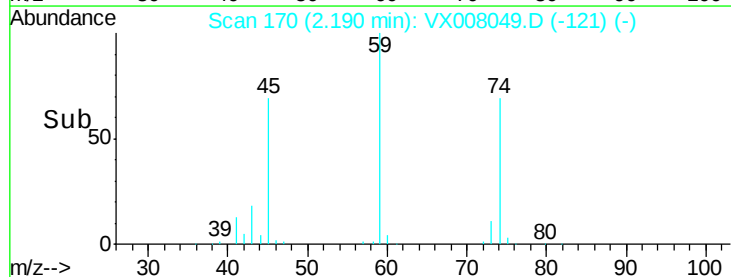
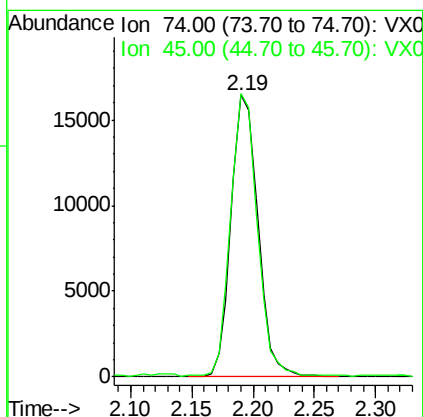
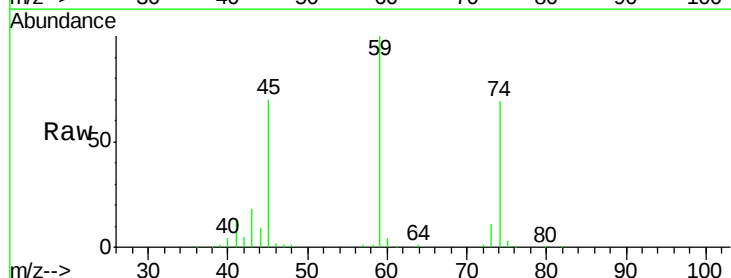
Tot Ion:101 Resp: 55959
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

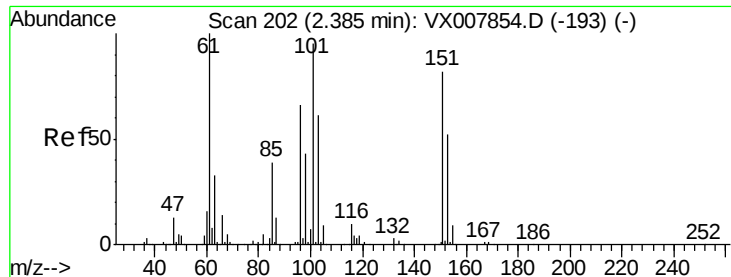


#8

Diethyl Ether
Concen: 17.380 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 74 Resp: 24969
Ion Ratio Lower Upper
74 100
45 98.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.372 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

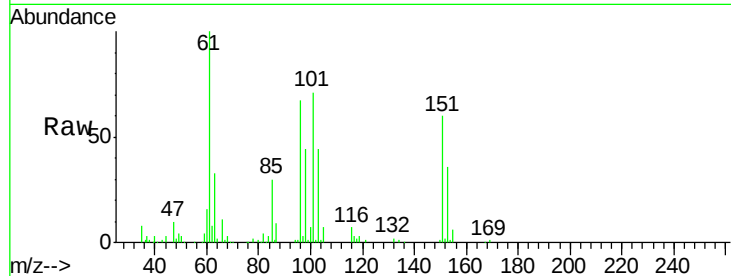
Tot Ion:101 Resp: 35714

Ion Ratio Lower Upper

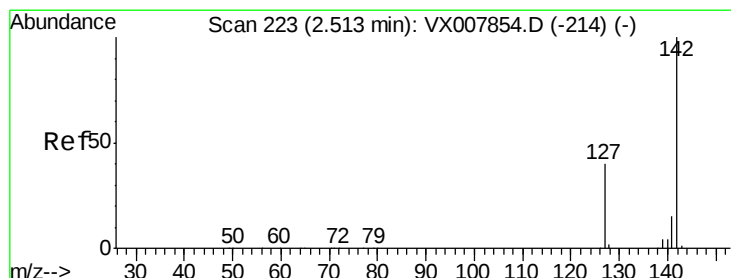
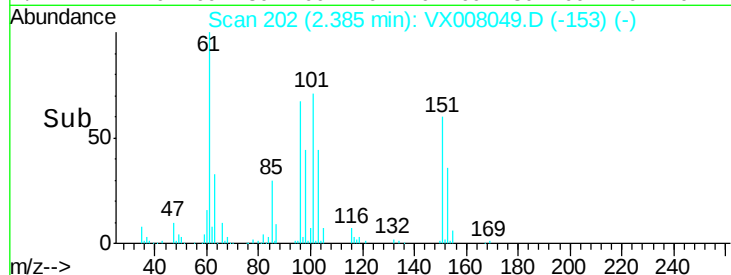
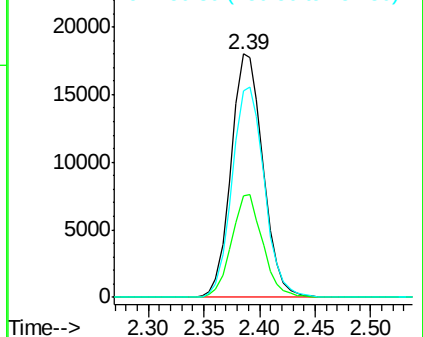
101 100

85 41.1 33.8 50.6

151 87.2 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: 18.523 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

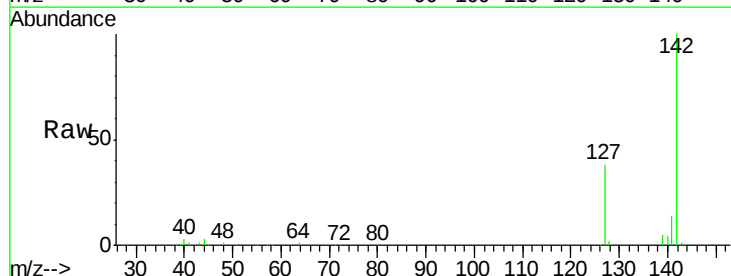
Tgt Ion:142 Resp: 54023

Ion Ratio Lower Upper

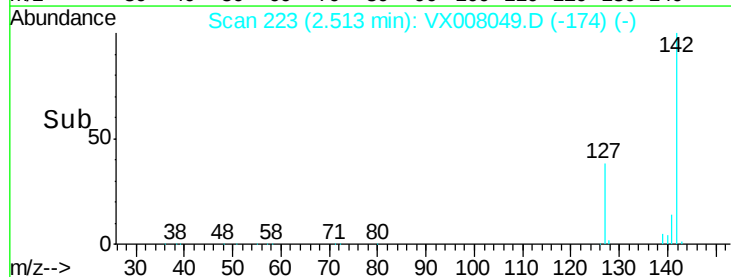
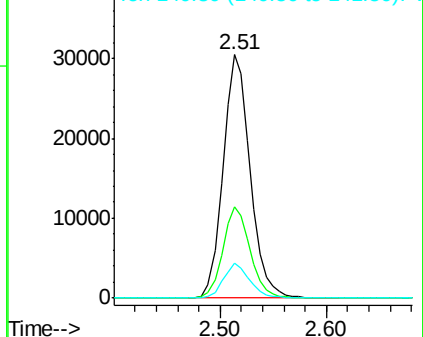
142 100

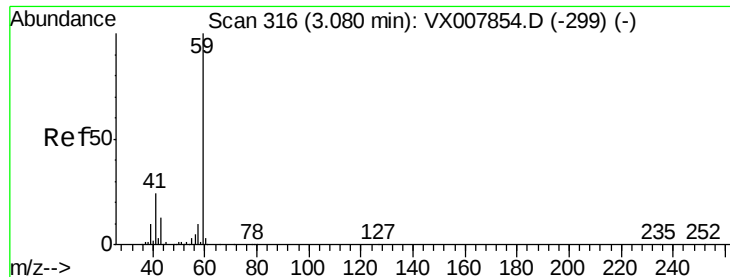
127 37.6 32.1 48.1

141 14.1 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

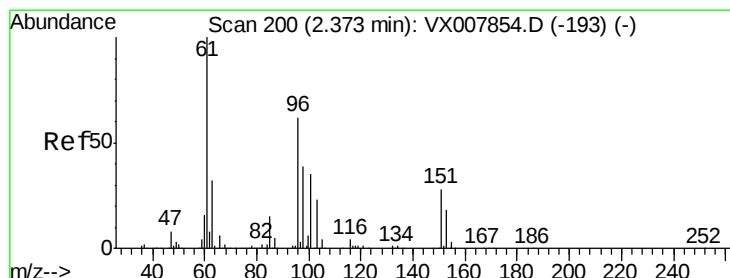
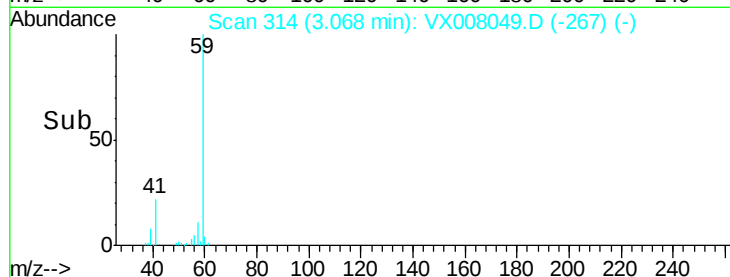
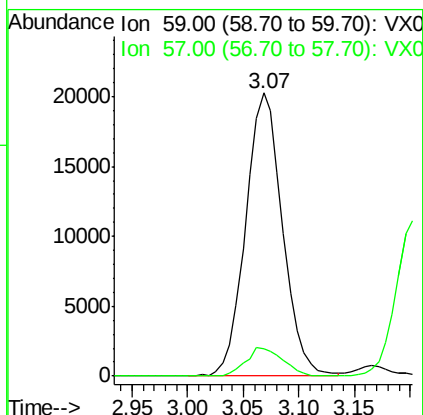
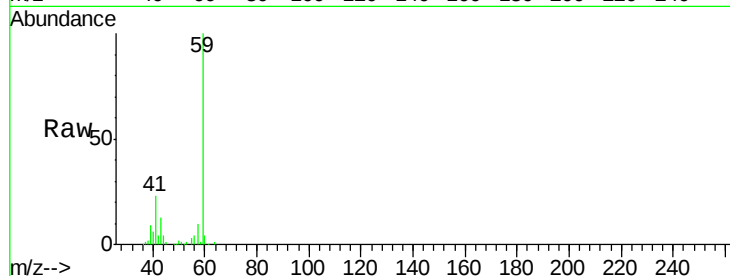




#11
Tert butyl alcohol
Concen: 84.900 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

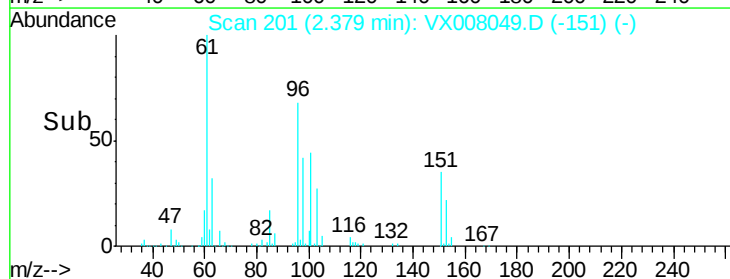
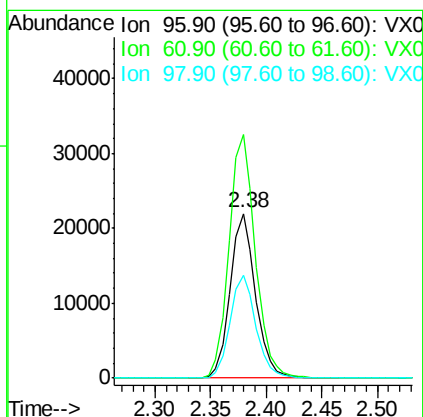
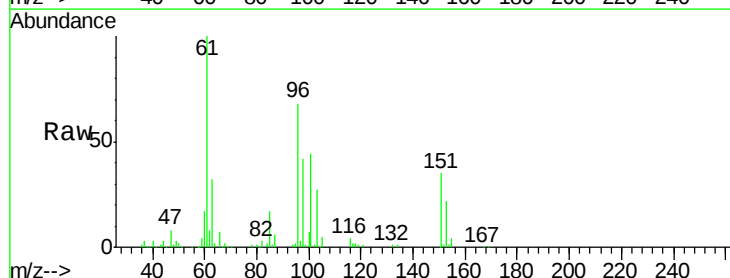
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

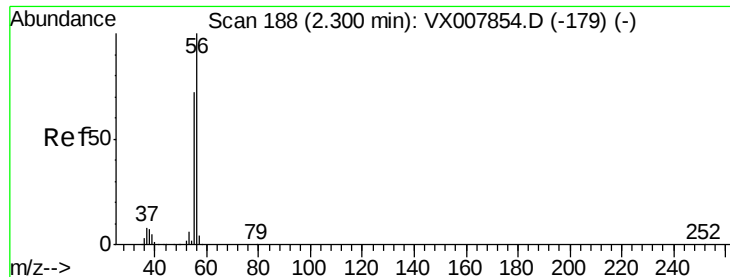
Tot Ion: 59 Resp: 46652
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.502 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 96 Resp: 34685
Ion Ratio Lower Upper
96 100
61 148.0 129.8 194.6
98 62.7 51.0 76.6





#13

Acrolein

Concen: 64.742 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

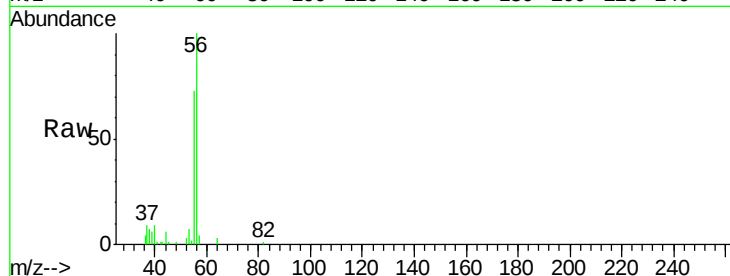
VX0313WBSD01

Tot Ion: 56 Resp: 19775

Ion Ratio Lower Upper

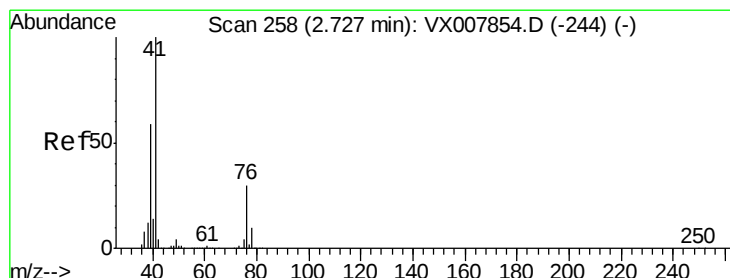
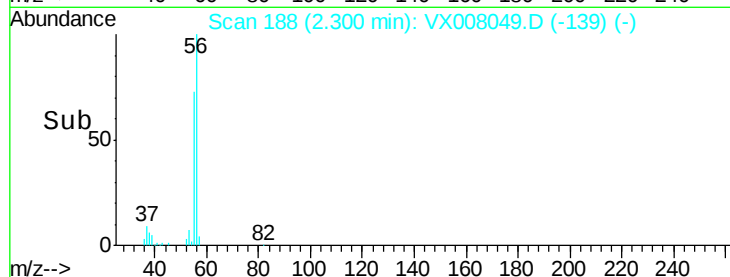
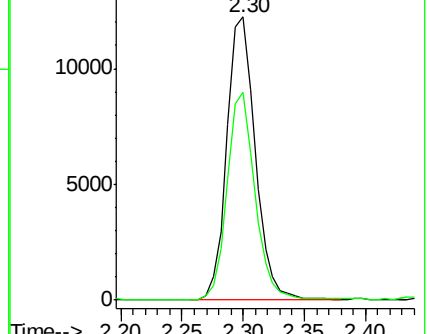
56 100

55 71.6 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: 15.621 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

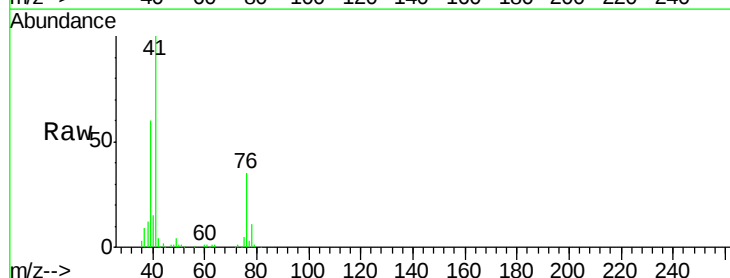
Tgt Ion: 41 Resp: 65048

Ion Ratio Lower Upper

41 100

39 57.6 46.1 69.1

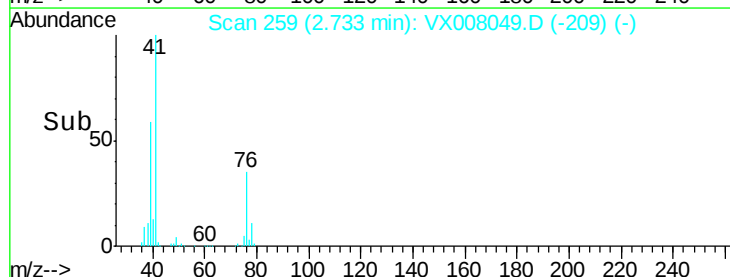
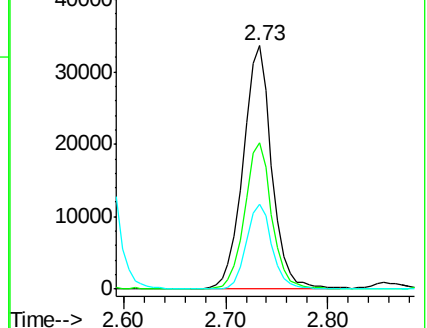
76 31.8 24.0 36.0



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: 82.813 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampled :

VX0313WBSD01

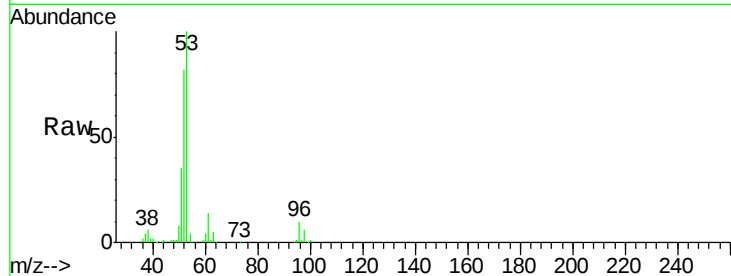
Tot Ion: 53 Resp: 114859

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

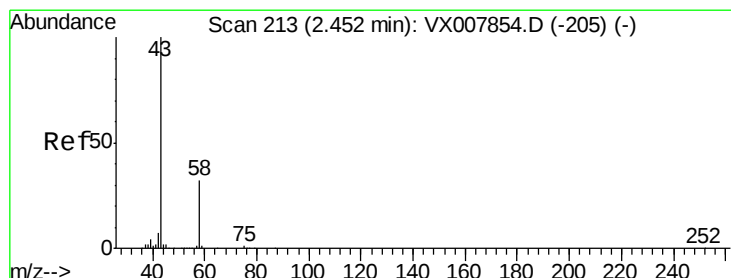
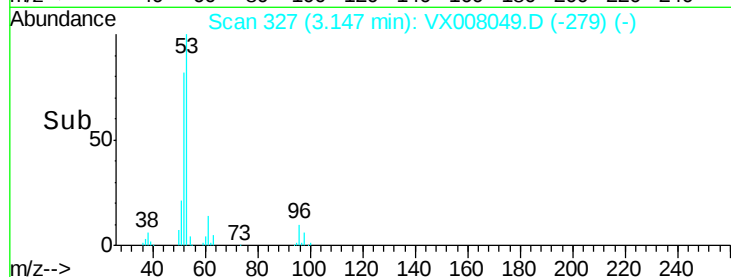
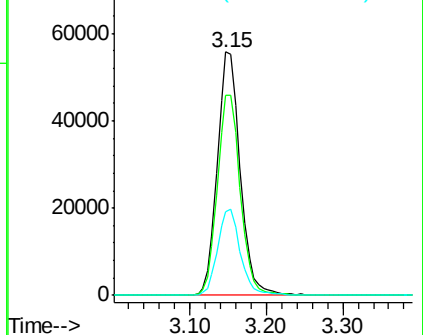
51 35.7 28.0 42.0



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: 65.918 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008049.D

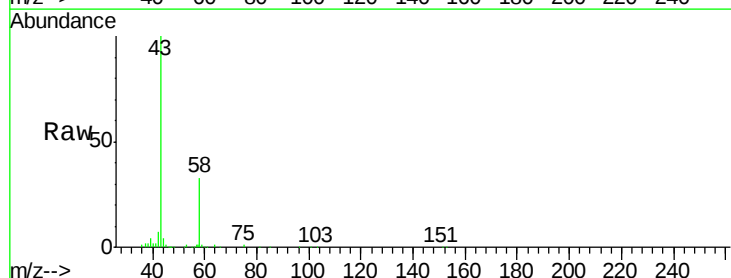
Acq: 13 Mar 2019 15:18

Tgt Ion: 43 Resp: 93748

Ion Ratio Lower Upper

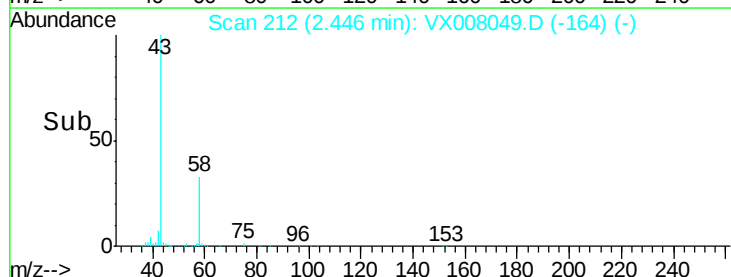
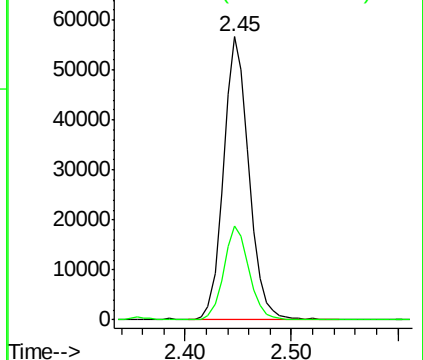
43 100

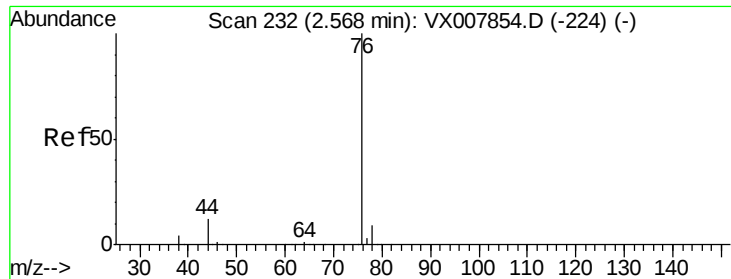
58 33.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

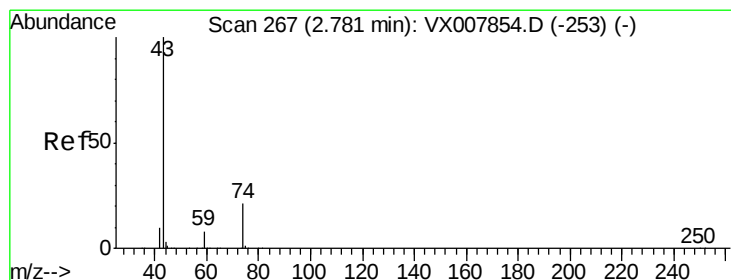
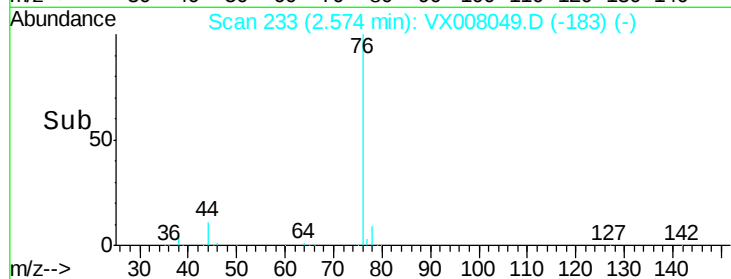
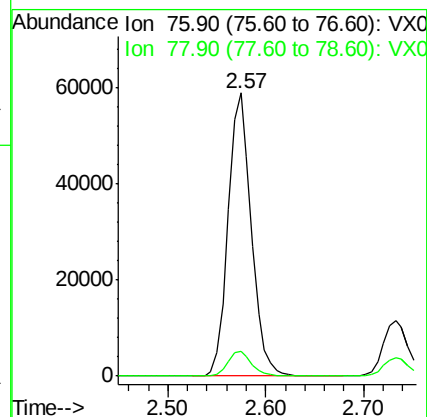
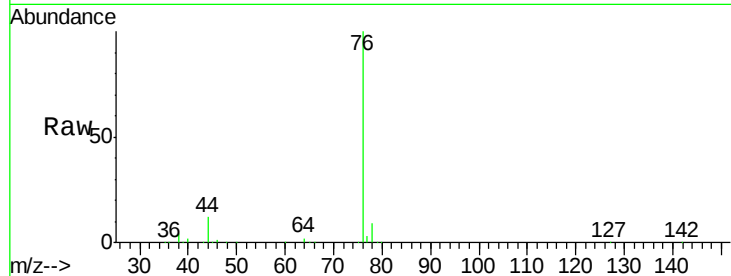




#17
Carbon Disulfide
Concen: 15.783 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

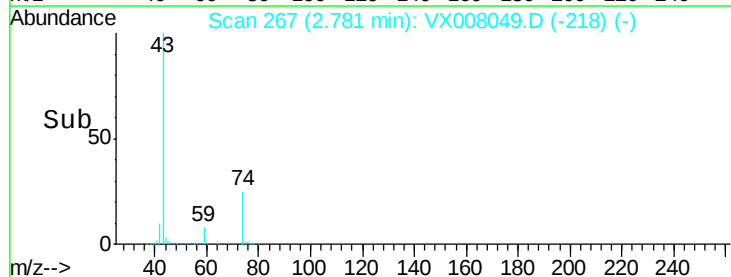
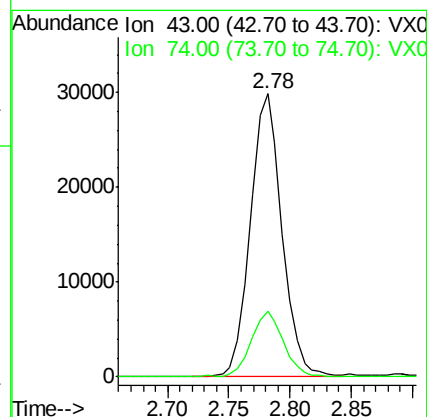
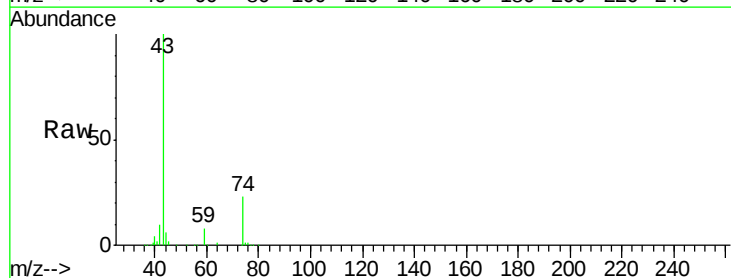
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

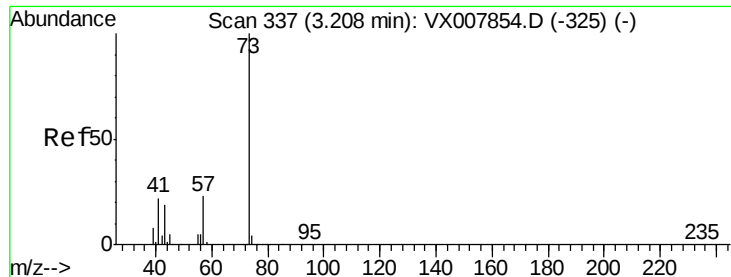
Tot Ion: 76 Resp: 96831
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 17.663 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 43 Resp: 53367
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.6

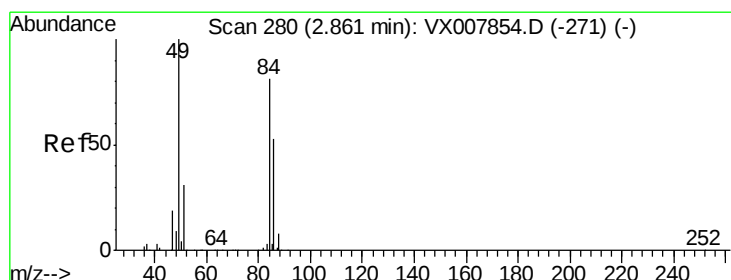
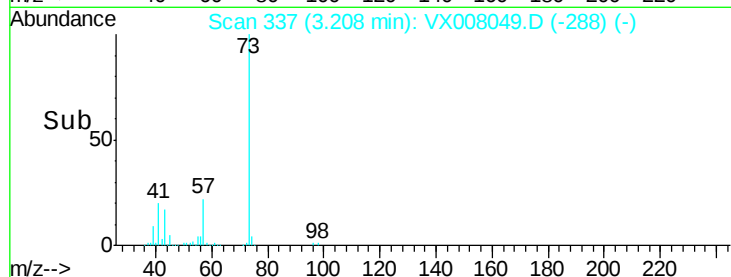
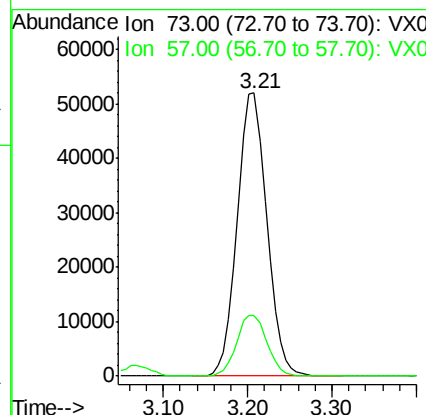
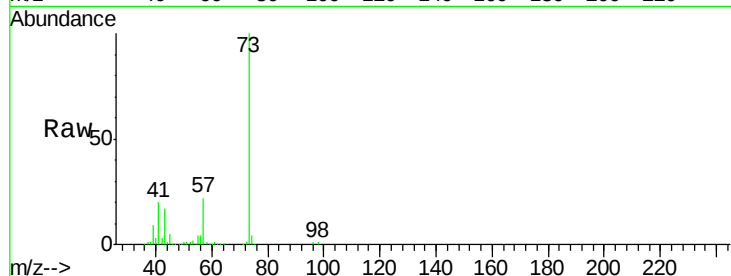




#19
Methvl tert-butvl Ether
Concen: 18.125 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

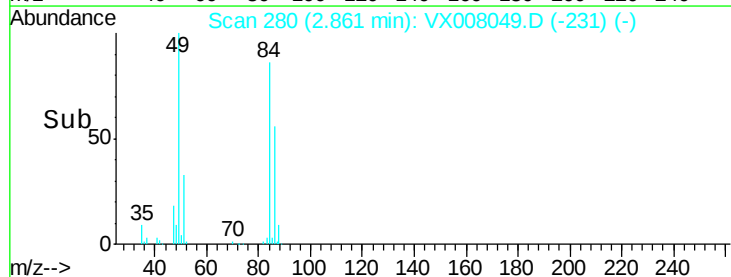
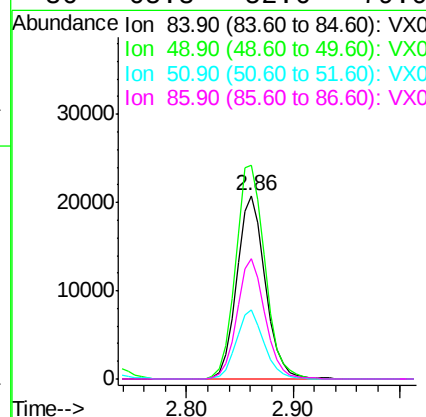
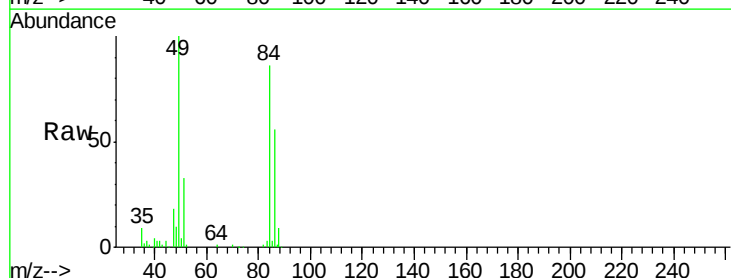
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

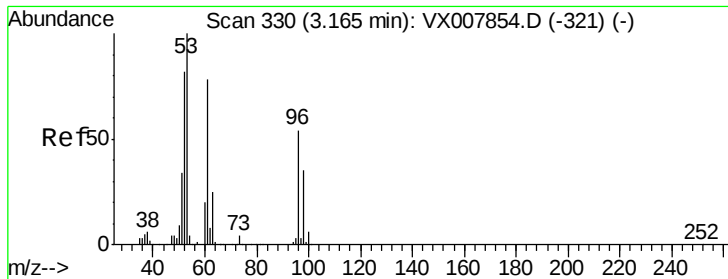
Tot Ion: 73 Resp: 123570
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4



#20
Methylene Chloride
Concen: 17.208 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 84 Resp: 38949
Ion Ratio Lower Upper
84 100
49 116.7 99.3 148.9
51 37.9 31.3 46.9
86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 17.411 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

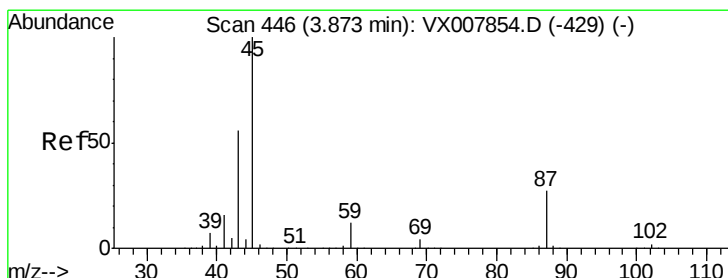
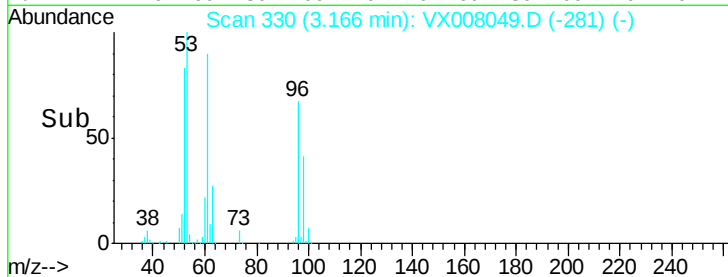
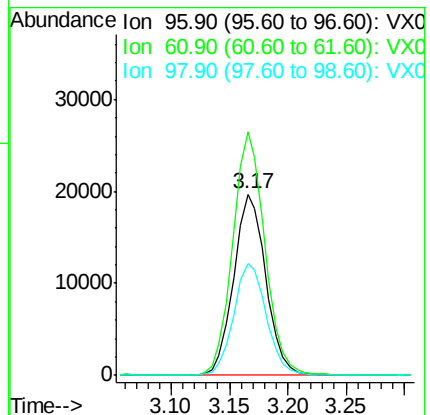
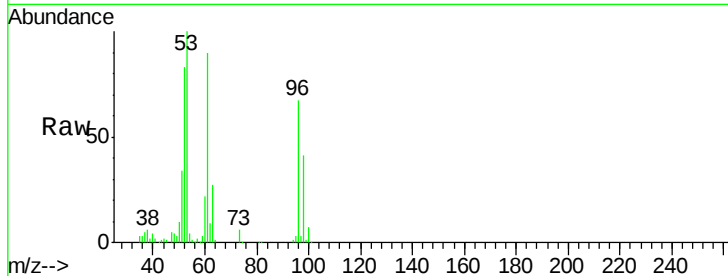
Tot Ion: 96 Resp: 37965

Ion Ratio Lower Upper

96 100

61 134.3 114.4 171.6

98 61.6 51.1 76.7



#22

Diisopropyl ether

Concen: 18.928 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Tgt Ion: 45 Resp: 144487

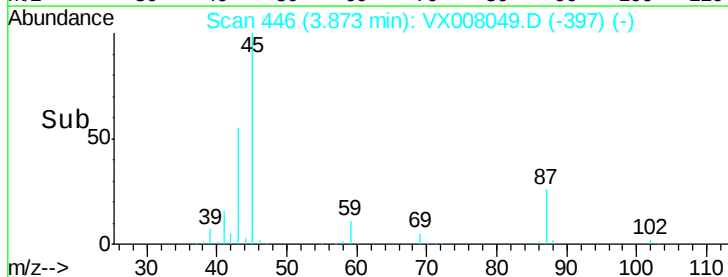
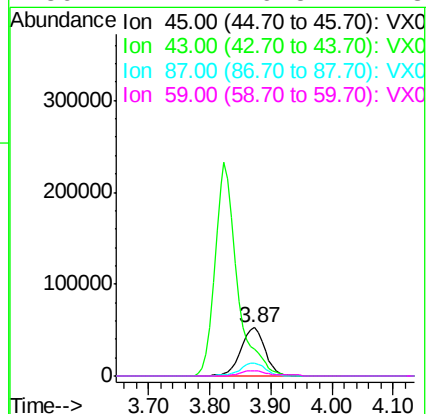
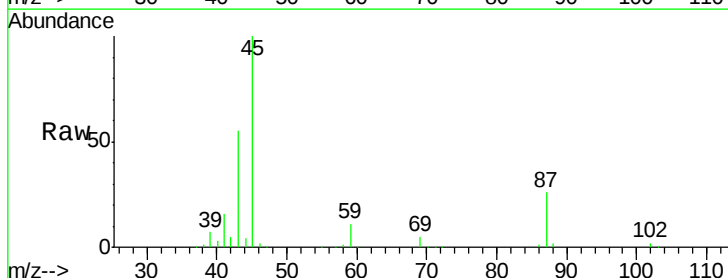
Ion Ratio Lower Upper

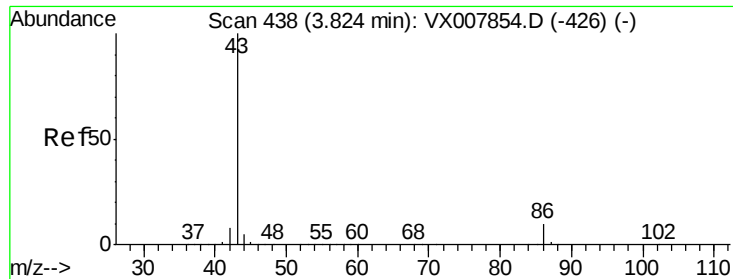
45 100

43 55.0 45.3 67.9

87 26.5 21.4 32.0

59 11.1 9.5 14.3





#23

Vinyl Acetate

Concen: 88.610 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampled :

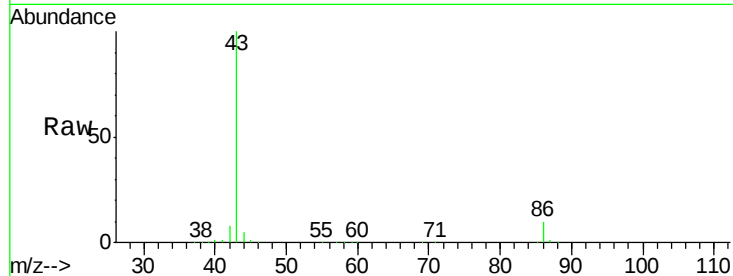
VX0313WBSD01

Tot Ion: 43 Resp: 593151

Ion Ratio Lower Upper

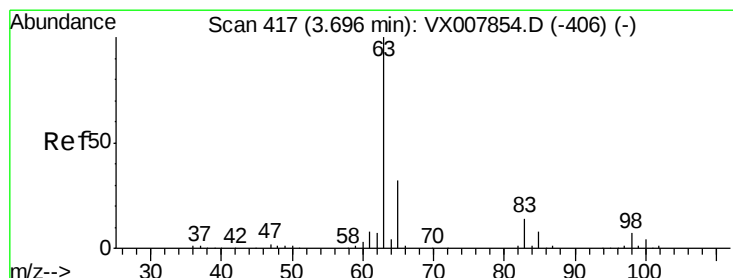
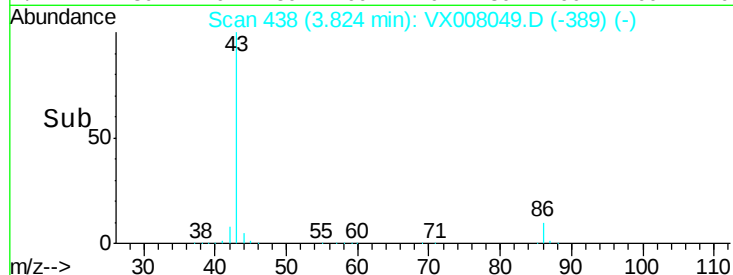
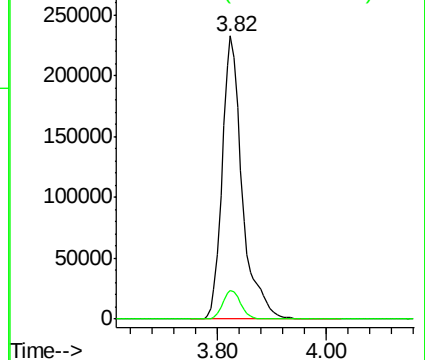
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.201 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

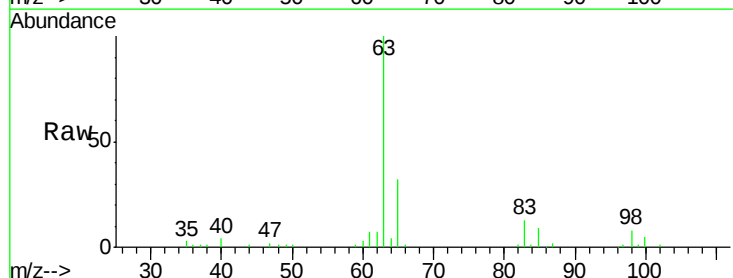
Tgt Ion: 63 Resp: 74770

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.8

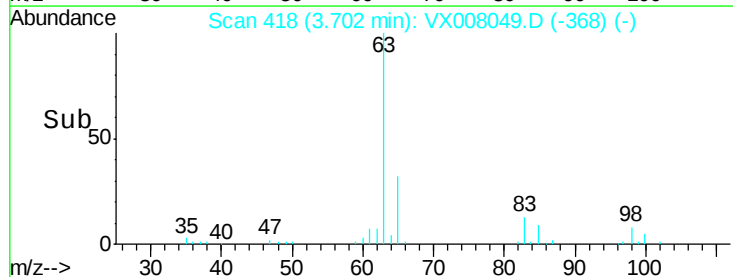
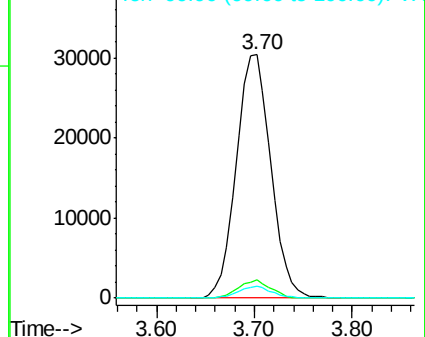
100 4.8 2.3 6.8

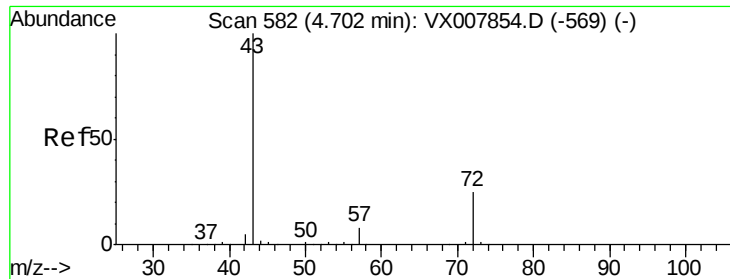


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.448 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

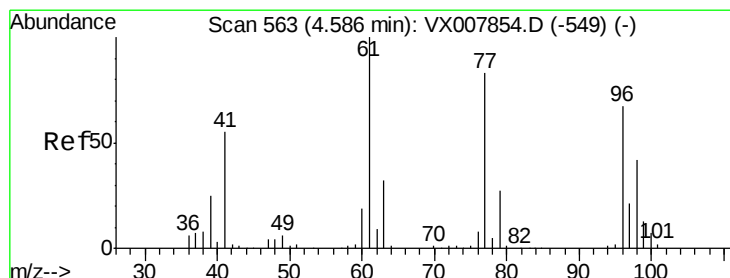
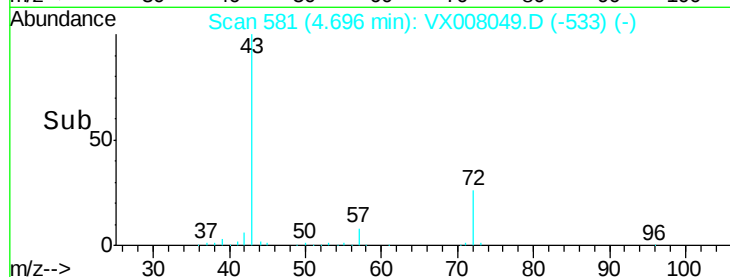
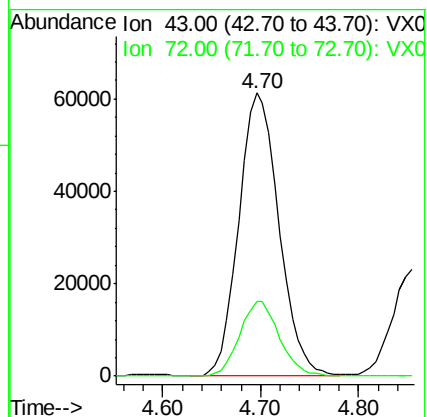
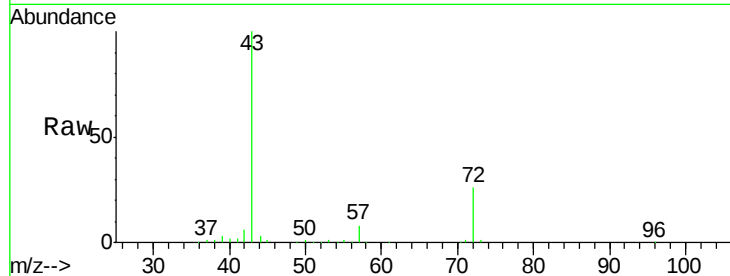
VX0313WBSD01

Tot Ion: 43 Resp: 174059

Ion Ratio Lower Upper

43 100

72 26.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.469 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008049.D

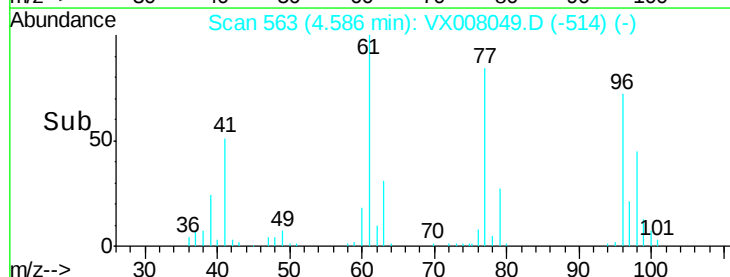
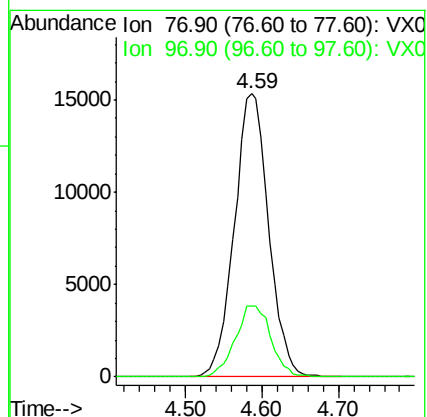
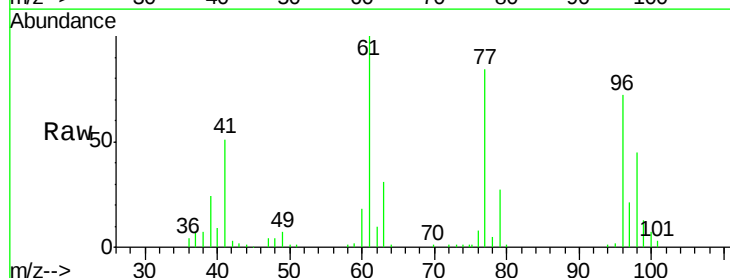
Acq: 13 Mar 2019 15:18

Tgt Ion: 77 Resp: 47544

Ion Ratio Lower Upper

77 100

97 26.0 12.2 36.6



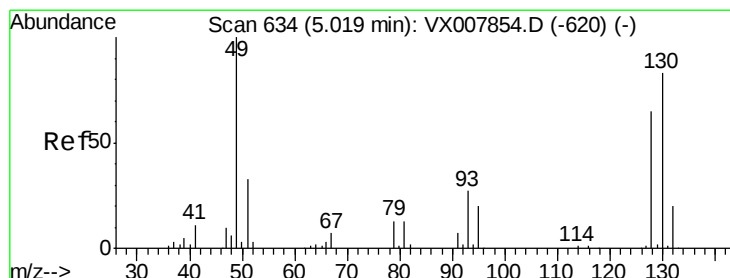
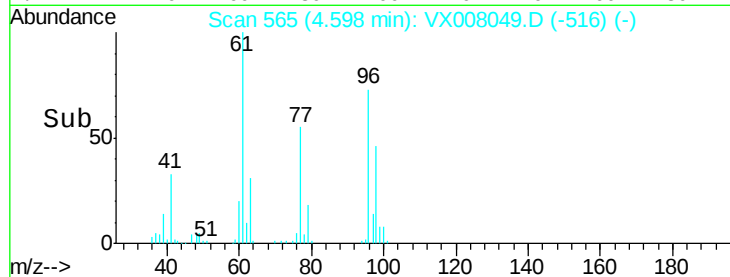
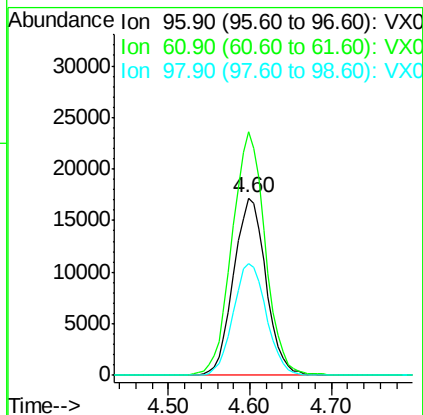
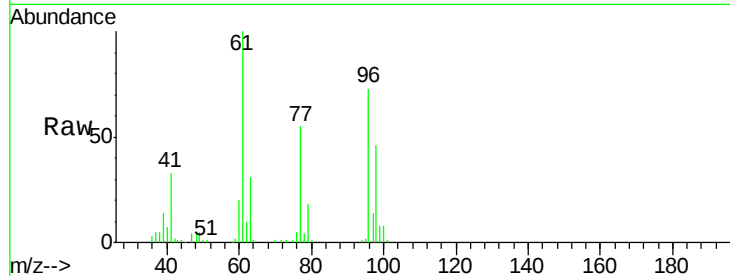


#27

cis-1,2-Dichloroethene
 Concen: 18.940 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

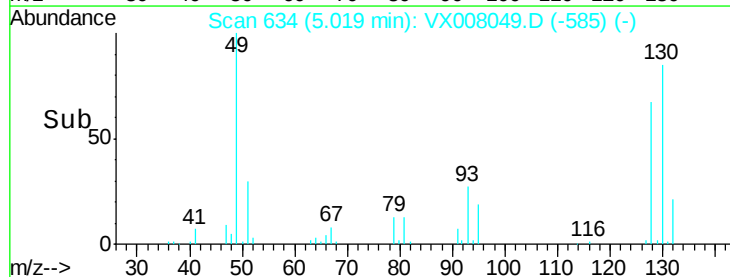
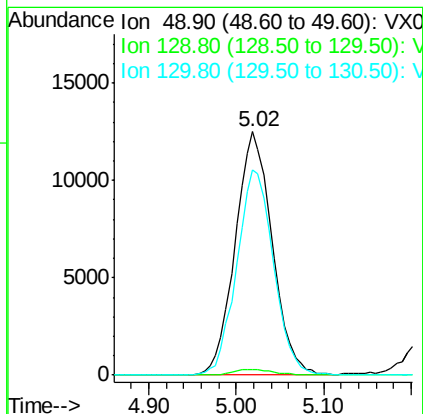
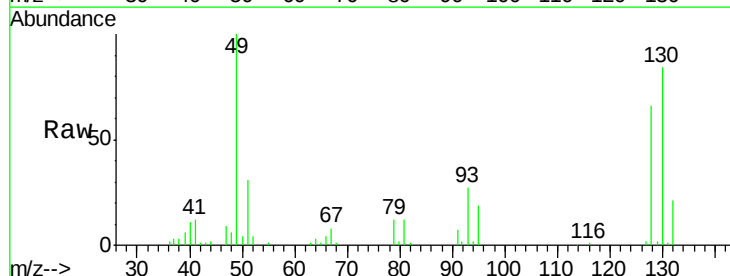
Tot Ion: 96 Resp: 47259
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 288.0
 98 64.6 0.0 129.0



#28

Bromochloromethane
 Concen: 19.191 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion: 49 Resp: 36753
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 83.8 65.0 97.4





#29

Tetrahydrofuran

Concen: 93.152 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

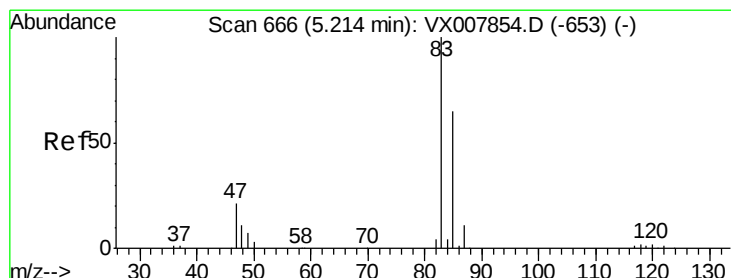
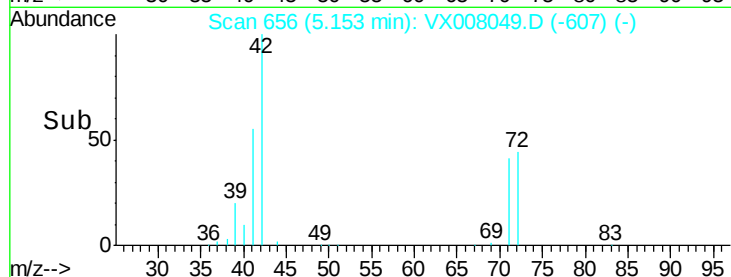
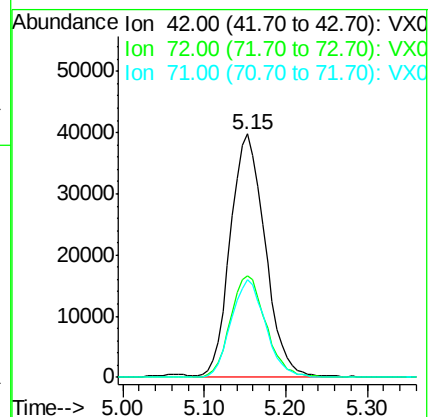
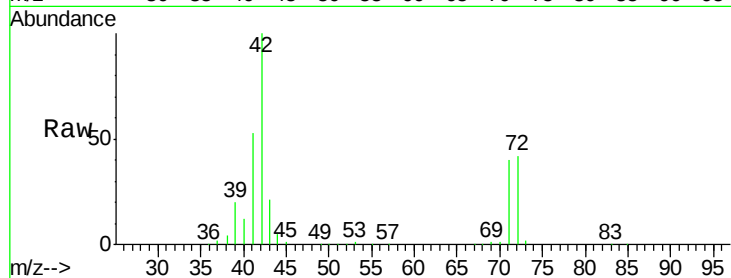
Tot Ion: 42 Resp: 116992

Ion Ratio Lower Upper

42 100

72 42.8 33.8 50.6

71 40.0 31.5 47.3



#30

Chloroform

Concen: 19.351 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008049.D

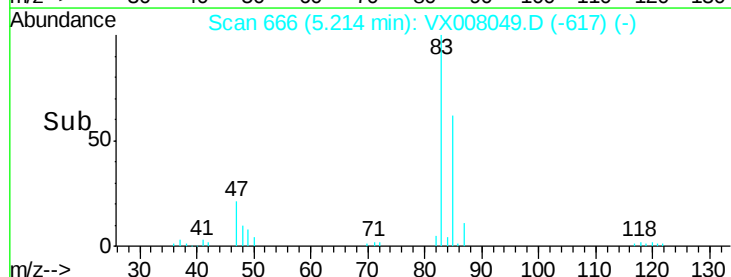
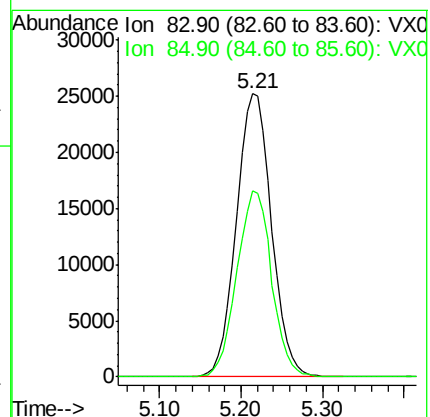
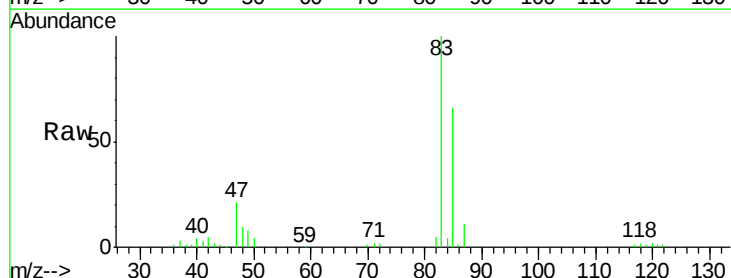
Acq: 13 Mar 2019 15:18

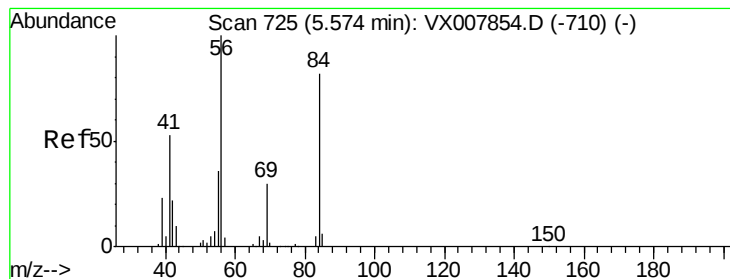
Tgt Ion: 83 Resp: 75195

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6





#31

Cyclohexane

Concen: 18.419 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampled :

VX0313WBSD01

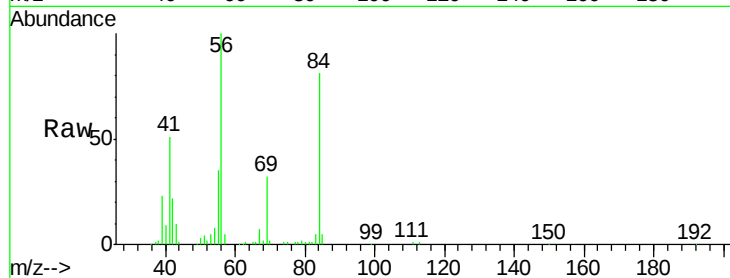
Tot Ion: 56 Resp: 69540

Ion Ratio Lower Upper

56 100

69 32.4 24.0 36.0

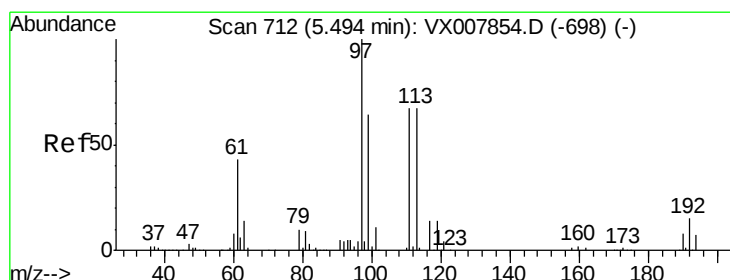
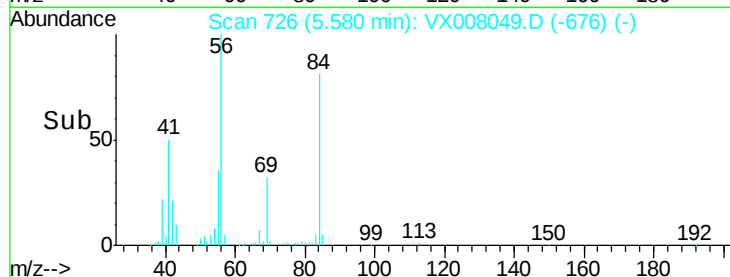
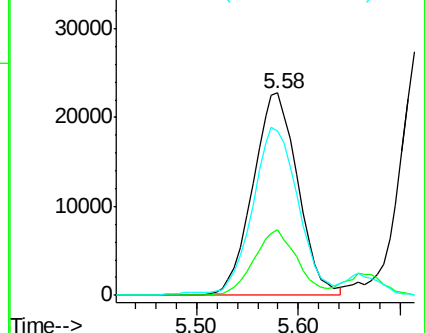
84 79.5 65.3 97.9



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: 19.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

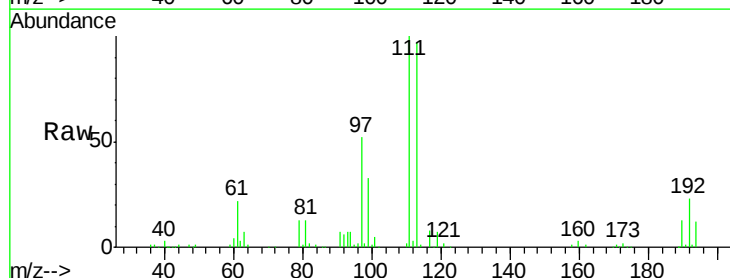
Tgt Ion: 97 Resp: 62071

Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

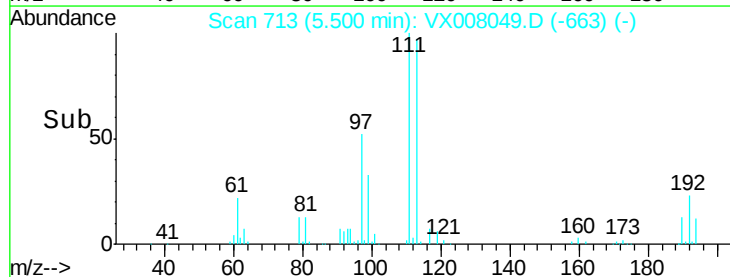
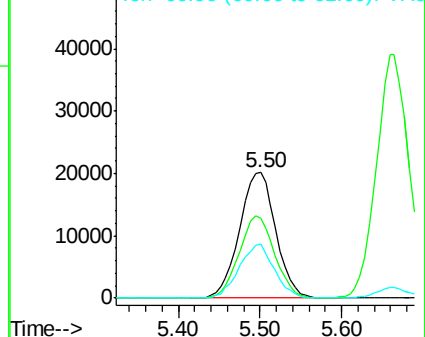
61 41.8 34.9 52.3

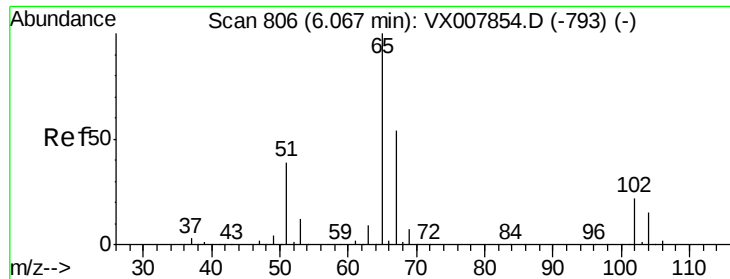


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

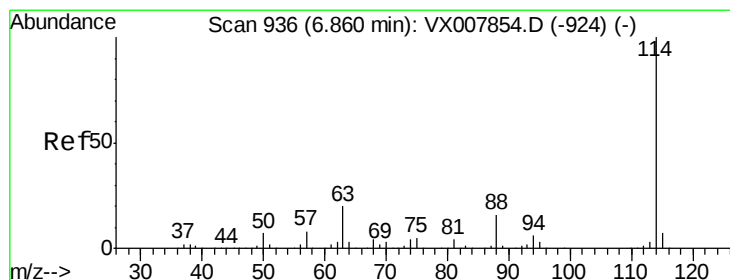
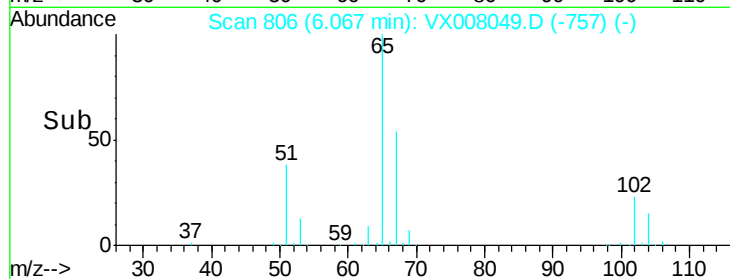
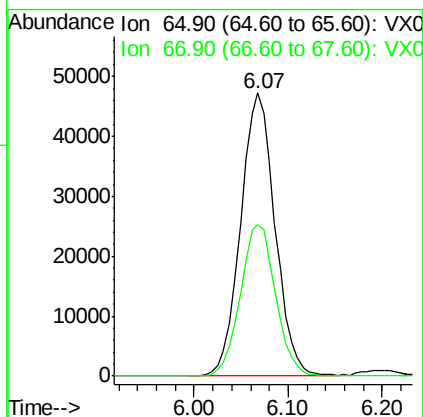
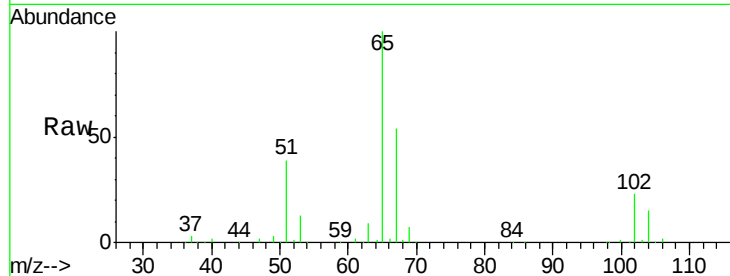




#33
 1,2-Dichloroethane-d4
 Concen: 49.132 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

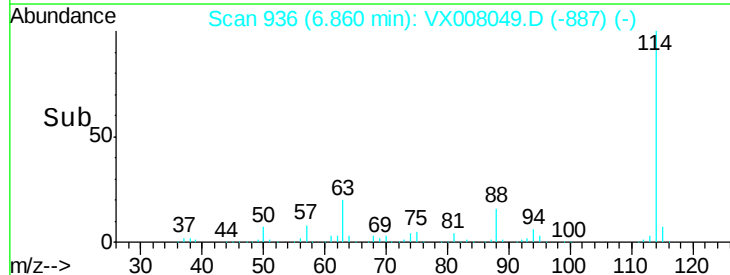
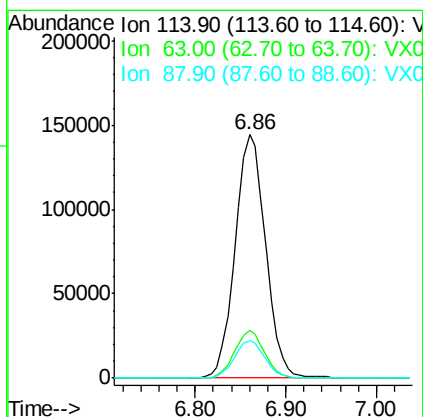
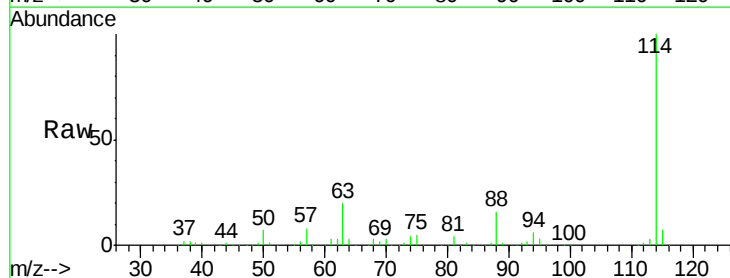
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

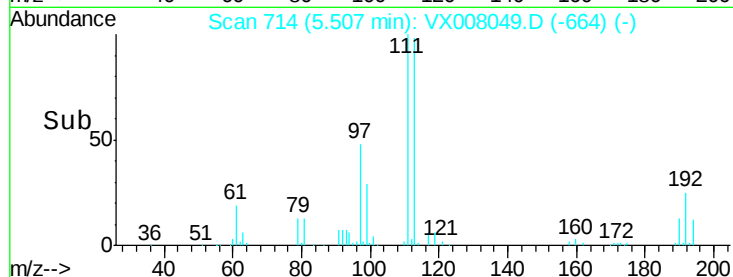
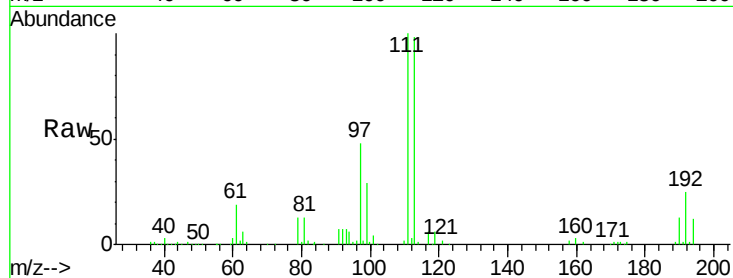
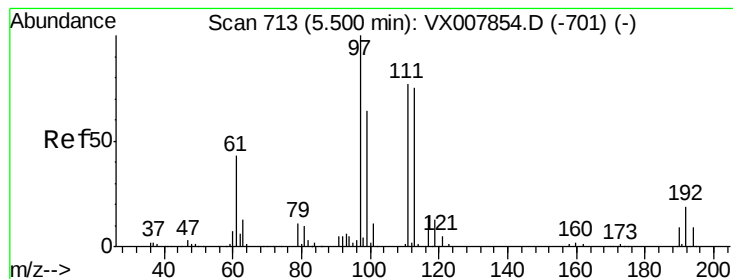
Tot Ion: 65 Resp: 120722
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion: 114 Resp: 338155
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.619 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

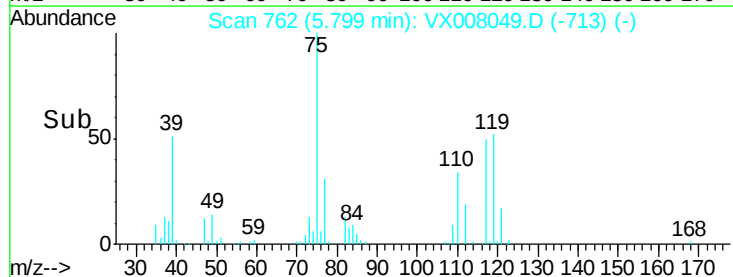
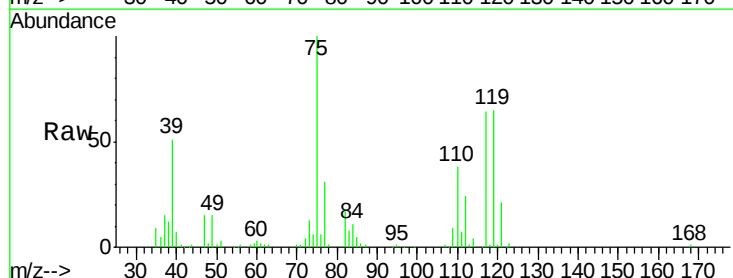
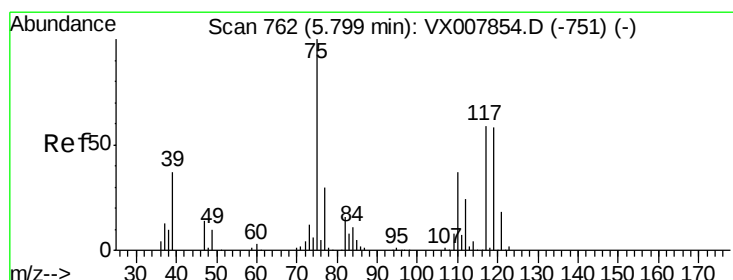
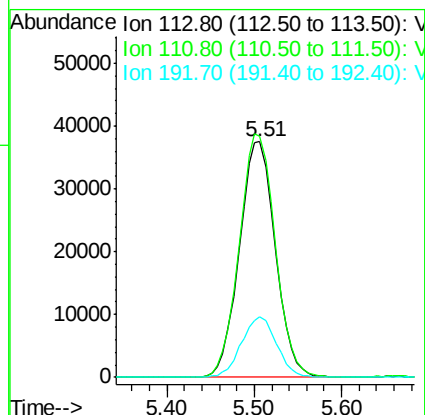
Tot Ion:113 Resp: 107330

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 25.1 19.4 29.0



#36

1,1-Dichloropropene

Concen: 18.376 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

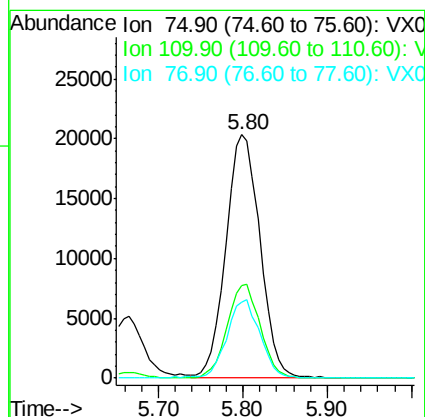
Tgt Ion: 75 Resp: 56266

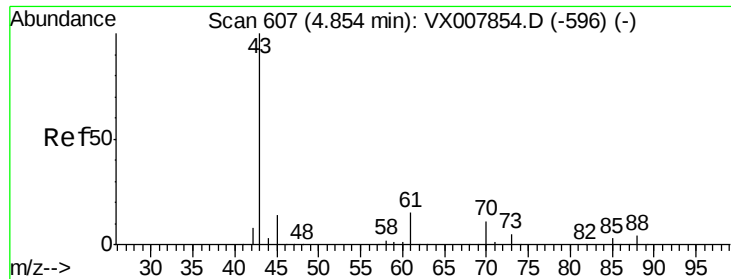
Ion Ratio Lower Upper

75 100

110 37.2 18.4 55.0

77 30.9 25.0 37.4

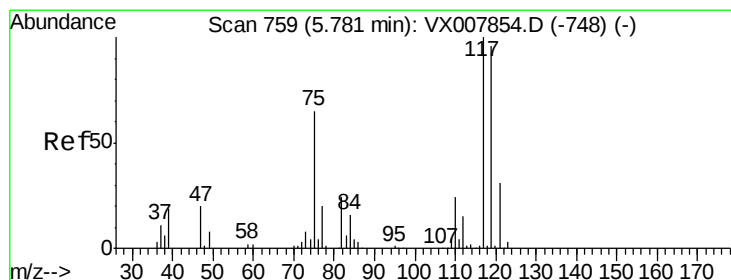
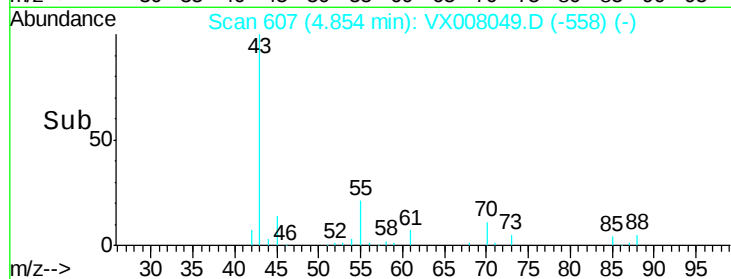
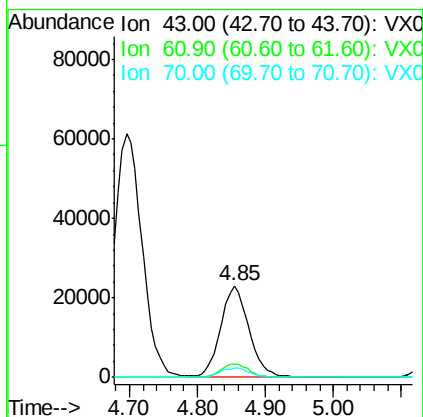
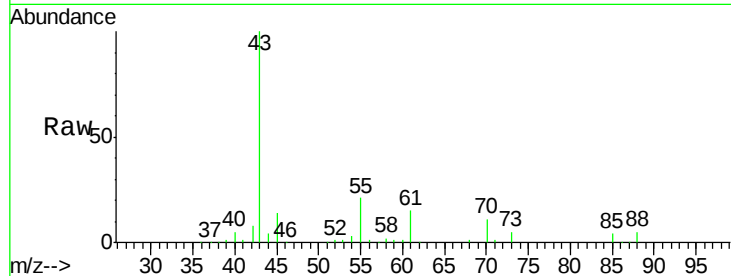




#37
Ethyl Acetate
Concen: 18.221 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

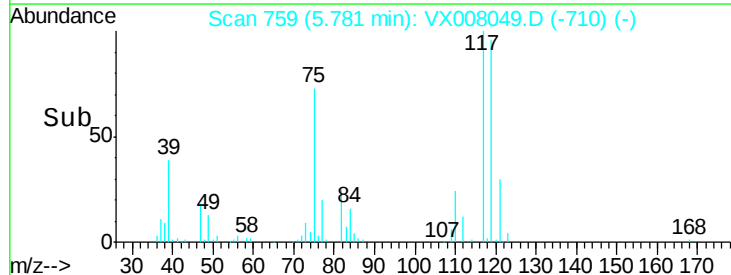
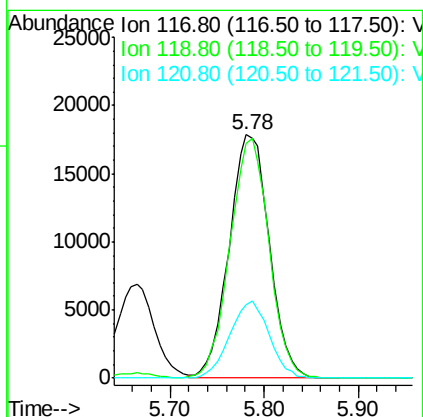
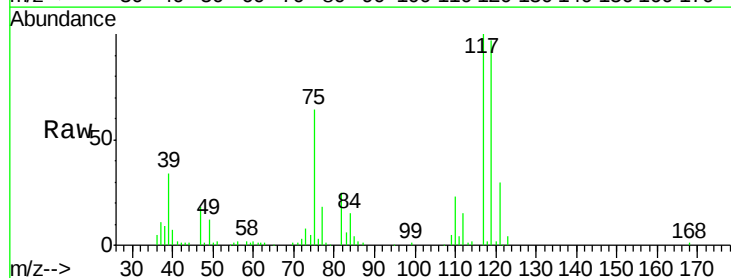
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 43 Resp: 66209
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.276 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 117 Resp: 53125
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2
121 30.0 24.6 36.8

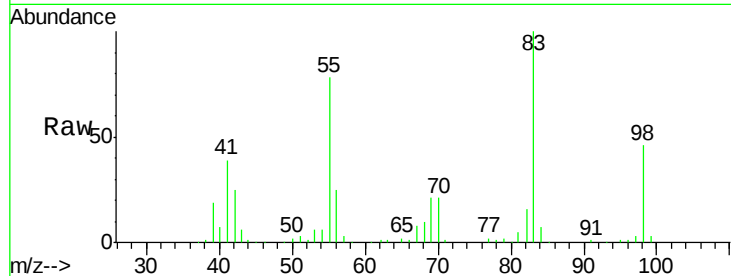




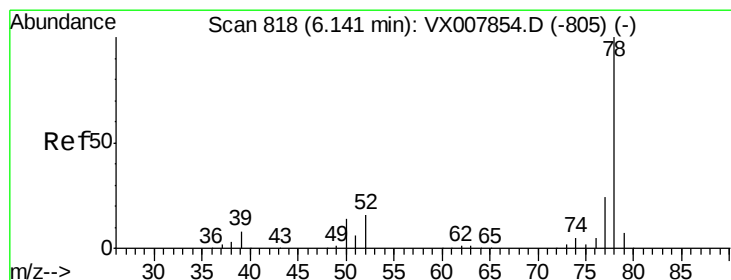
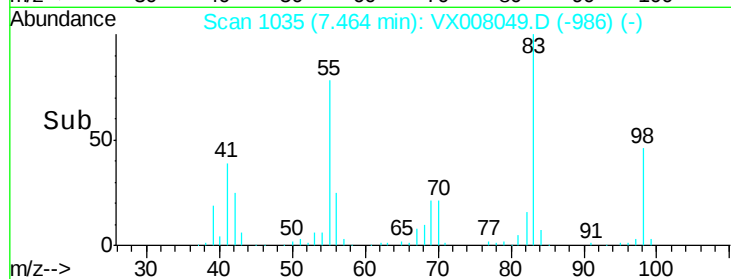
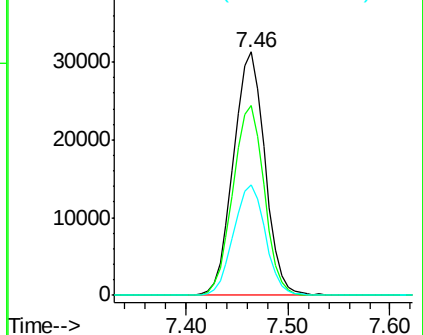
#39
Methvlcvclohexane
Concen: 18.074 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 83 Resp: 67057
Ion Ratio Lower Upper
83 100
55 78.2 60.4 90.6
98 45.5 36.5 54.7

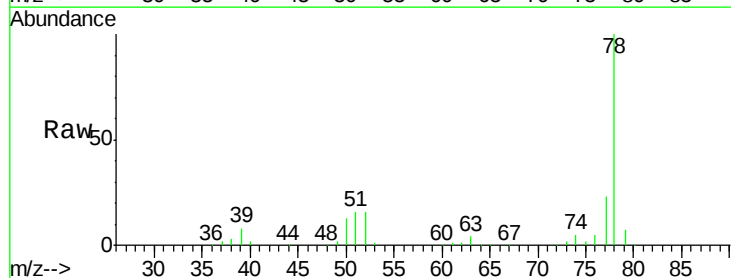


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

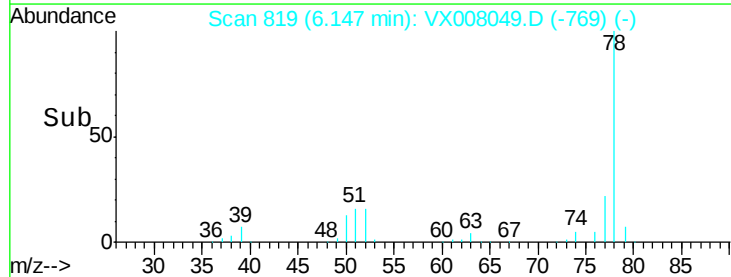
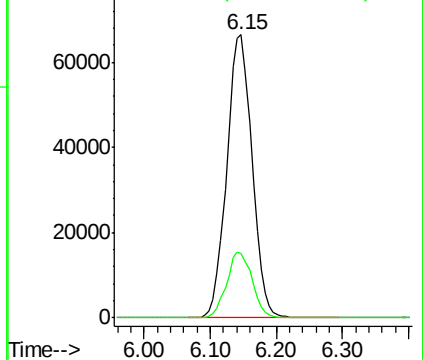


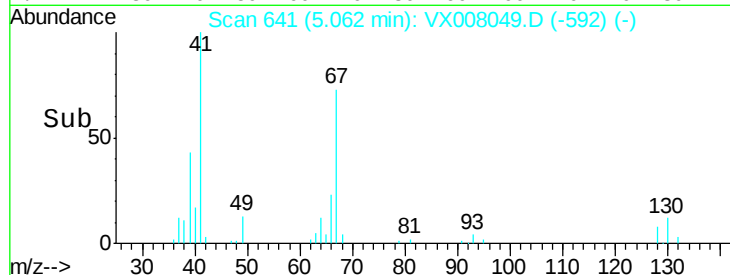
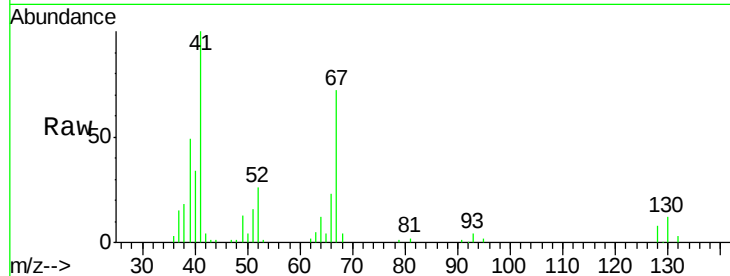
#40
Benzene
Concen: 19.339 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 78 Resp: 176283
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

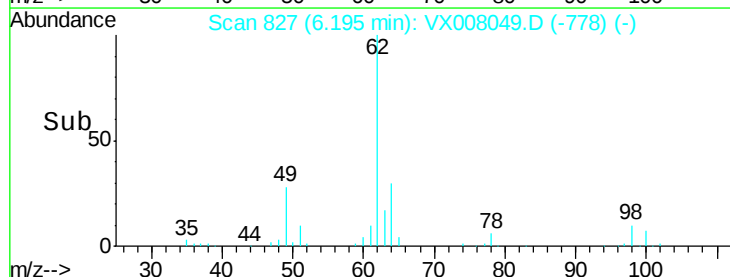
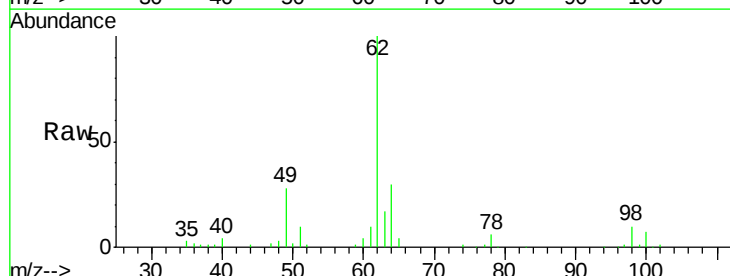
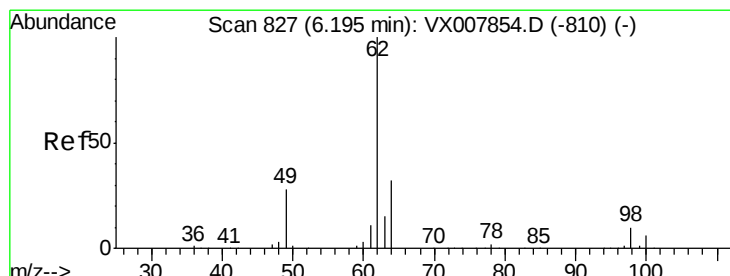
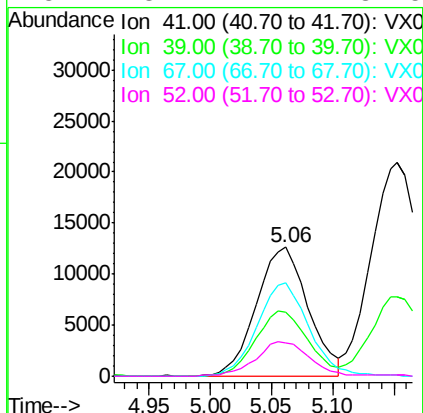




#41
Methacrylonitrile
Concen: 18.857 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

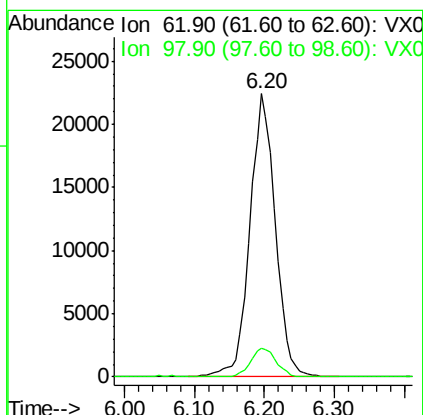
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

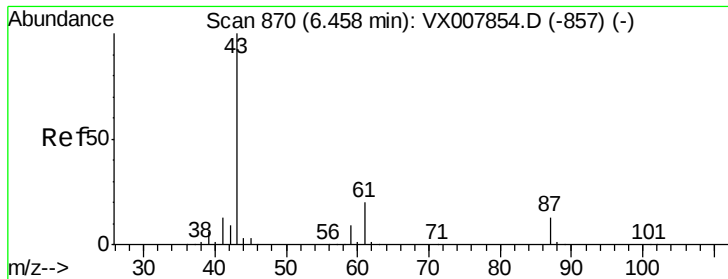
Tot Ion:	41	Resp:	37357
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.6	62.4
67	72.0	55.8	83.6
52	28.2	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.047 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion:	62	Resp:	56779
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



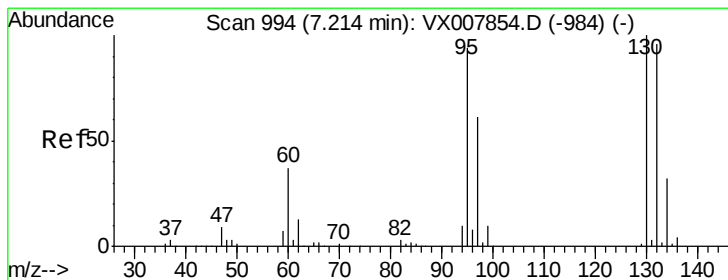
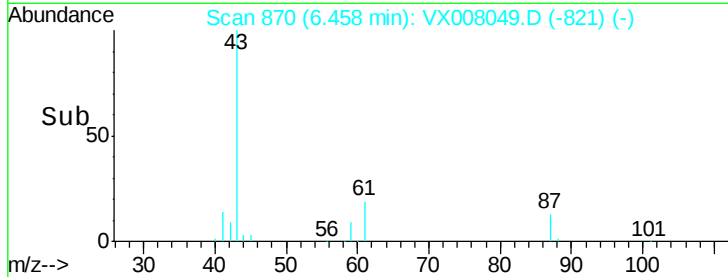
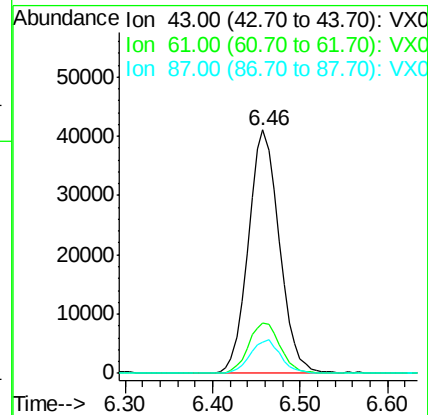
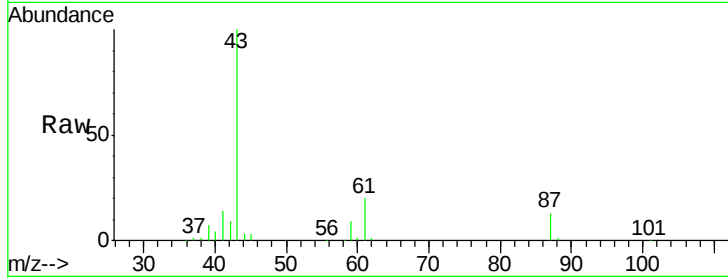


#43

Isopropyl Acetate
 Concen: 18.861 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0313WBSD01

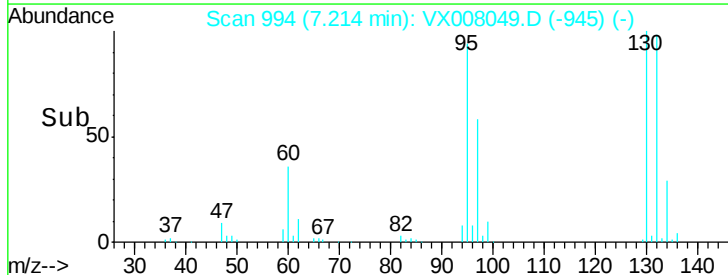
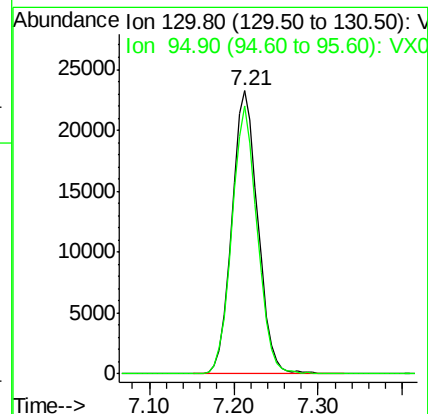
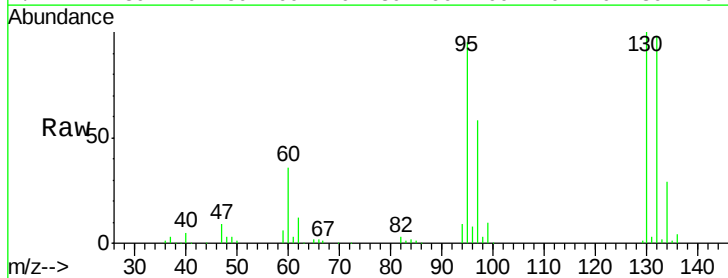
Tot Ion: 43 Resp: 101424
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.3 24.5
 87 13.4 10.5 15.7

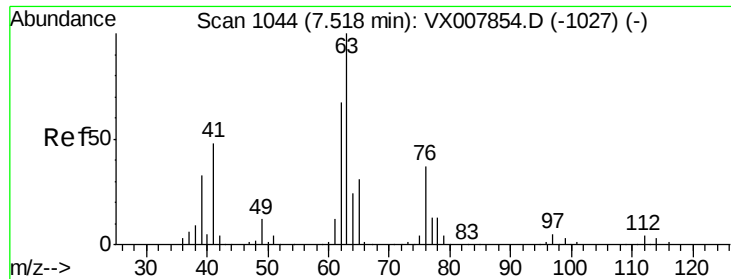


#44

Trichloroethene
 Concen: 19.388 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion:130 Resp: 48705
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.720 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

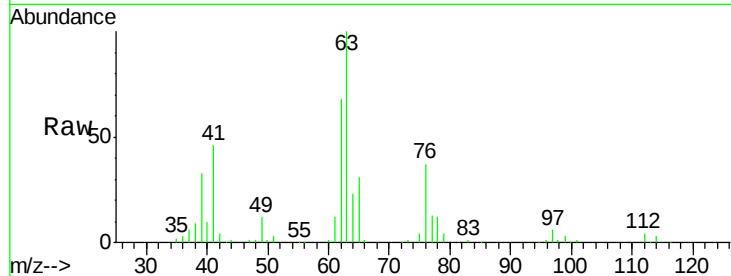
VX0313WBSD01

Tot Ion: 63 Resp: 47477

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

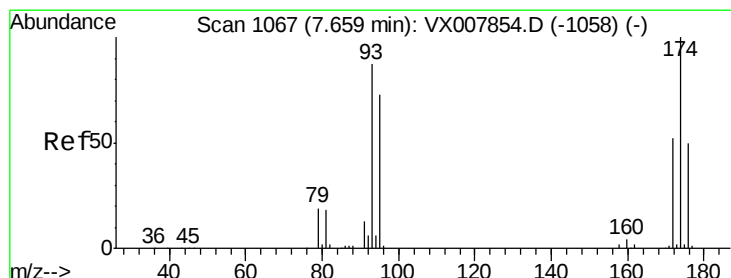
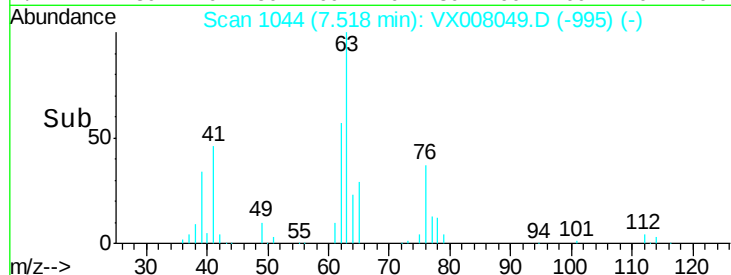
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.306 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

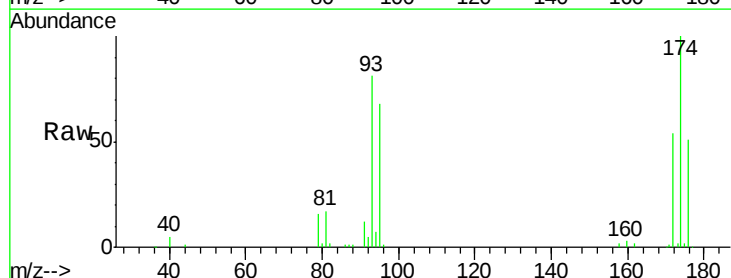
Tgt Ion: 93 Resp: 29416

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 121.2 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

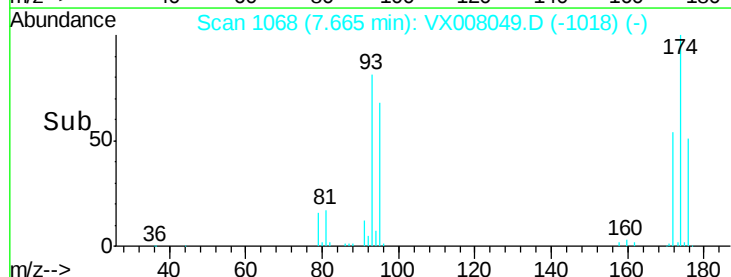
10000

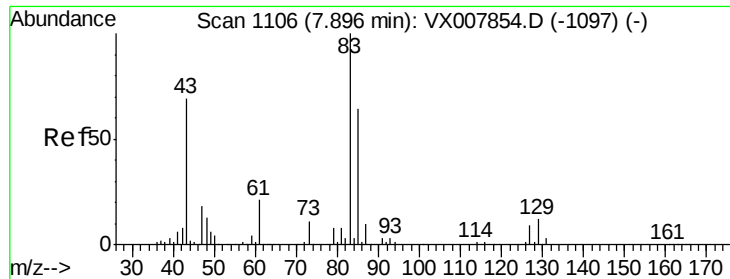
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 18.521 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

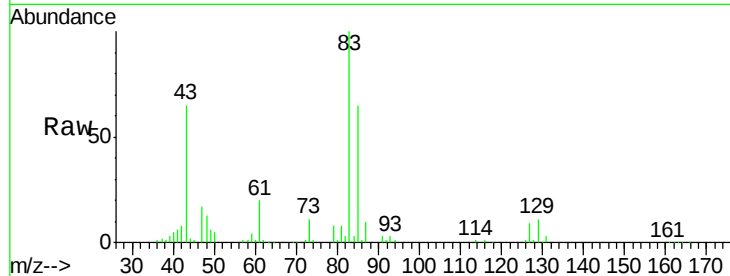
Tot Ion: 83 Resp: 53502

Ion Ratio Lower Upper

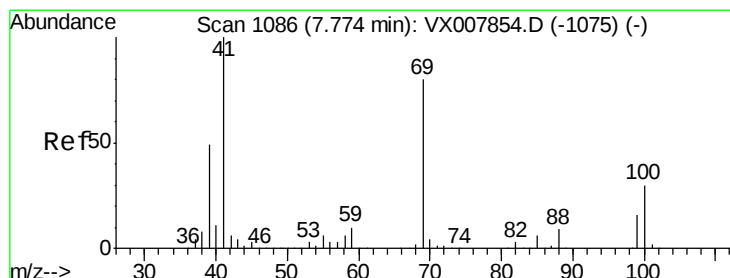
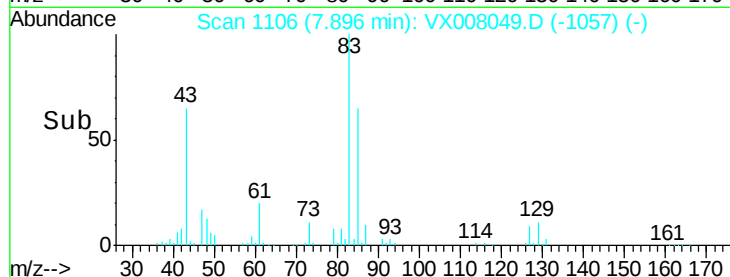
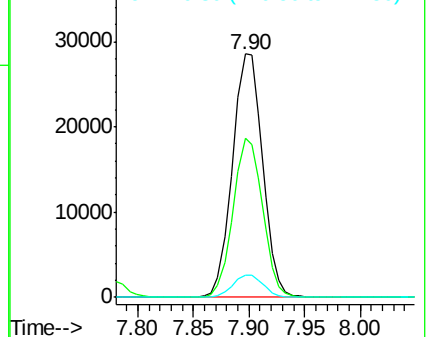
83 100

85 65.2 50.9 76.3

127 9.2 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: 18.873 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

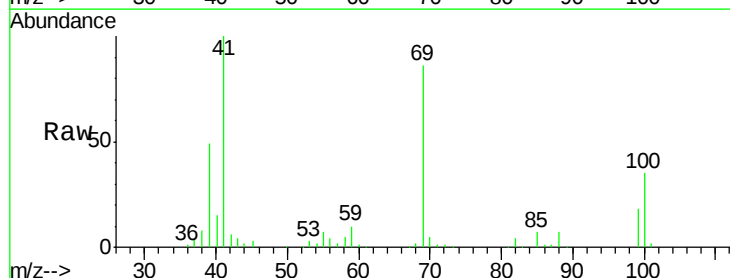
Tgt Ion: 41 Resp: 53360

Ion Ratio Lower Upper

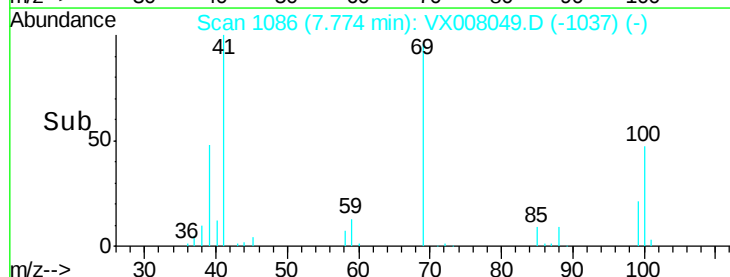
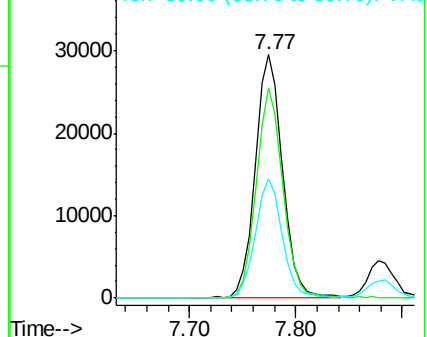
41 100

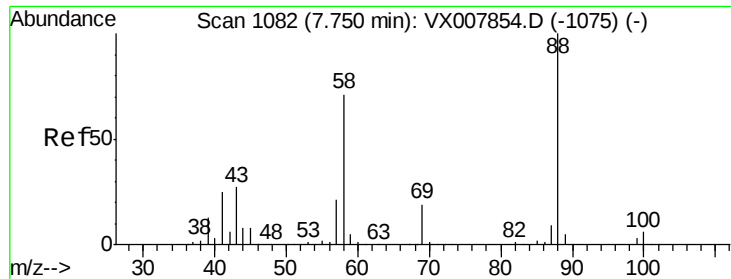
69 84.4 65.2 97.8

39 48.4 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

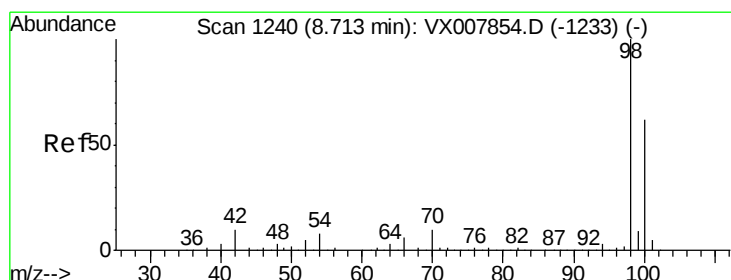
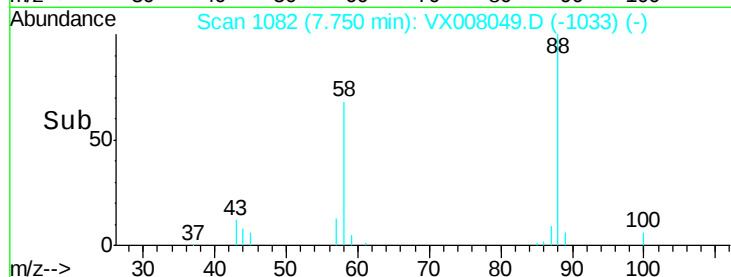
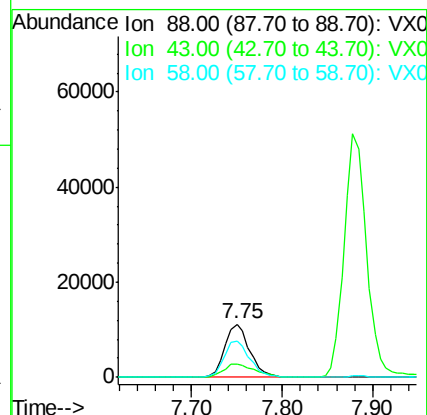
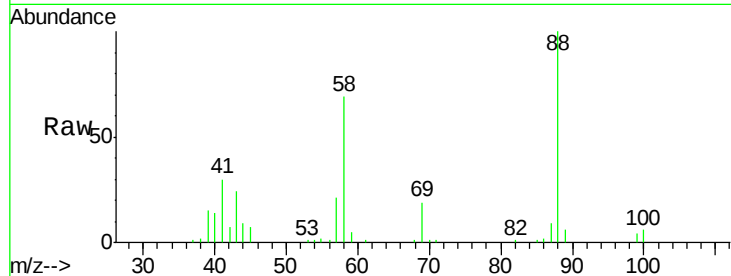




#49
1,4-Dioxane
Concen: 368.774 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

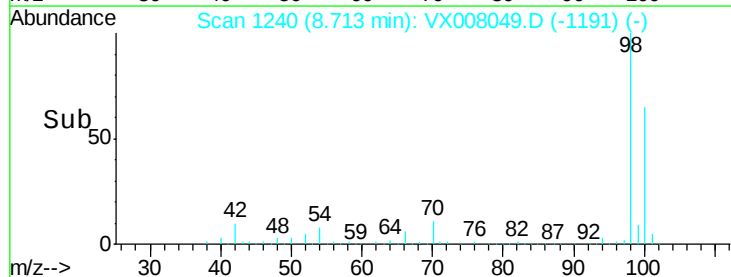
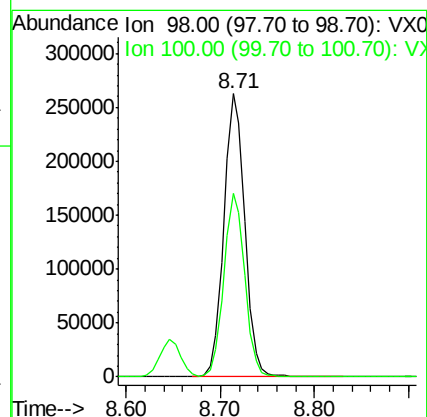
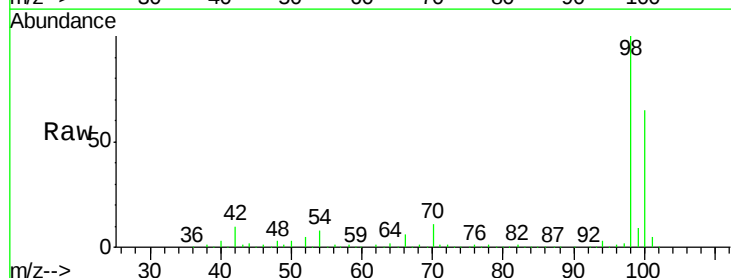
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 88 Resp: 21418
Ion Ratio Lower Upper
88 100
43 31.9 25.1 37.7
58 71.2 57.8 86.6



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 98 Resp: 403866
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 97.148 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

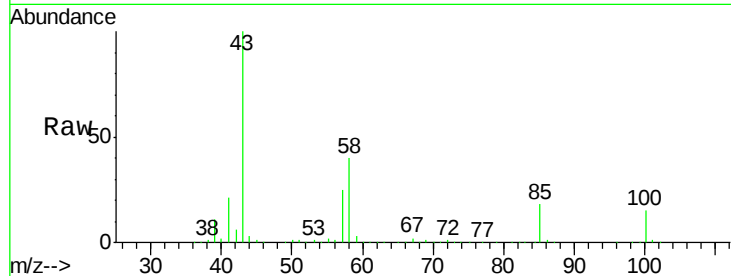
VX0313WBSD01

Tot Ion: 43 Resp: 335970

Ion Ratio Lower Upper

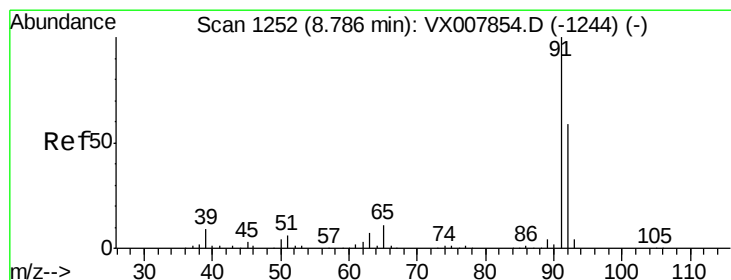
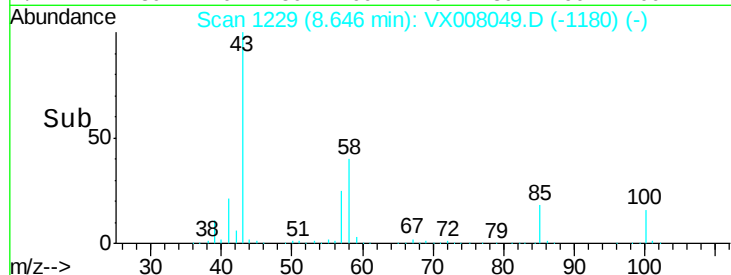
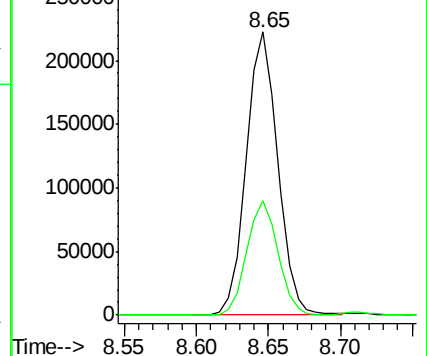
43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.450 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008049.D

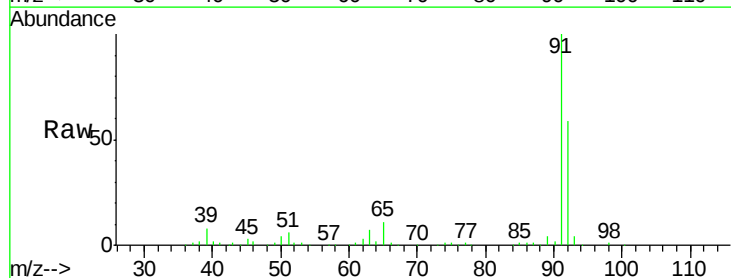
Acq: 13 Mar 2019 15:18

Tgt Ion: 92 Resp: 108245

Ion Ratio Lower Upper

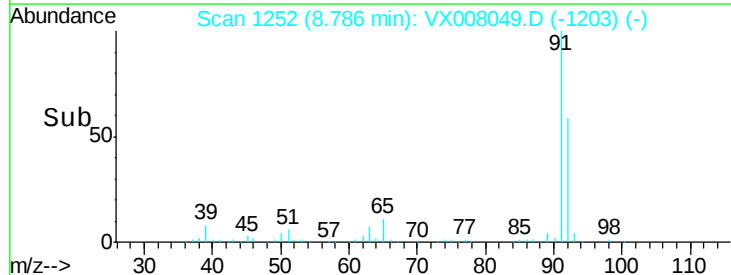
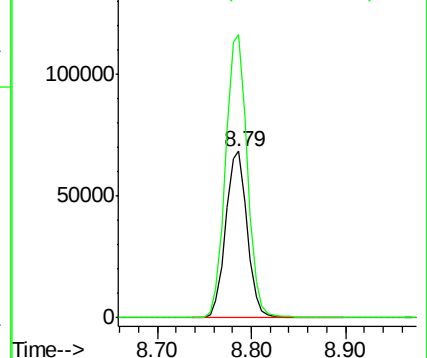
92 100

91 171.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.480 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

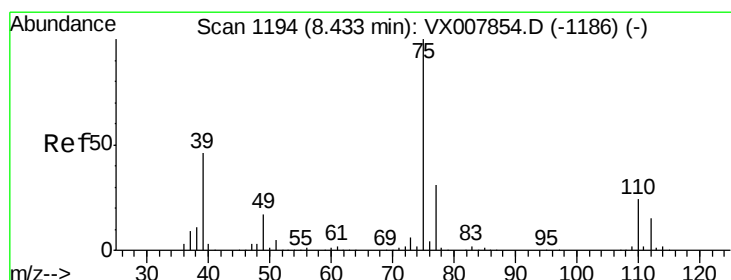
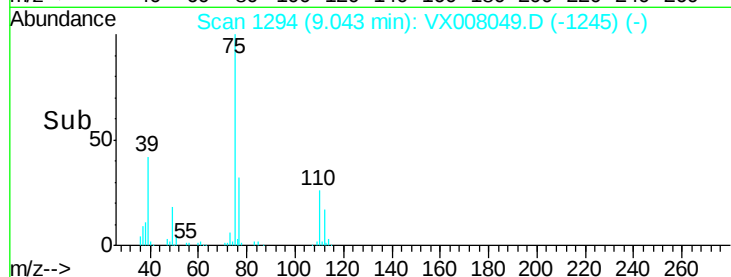
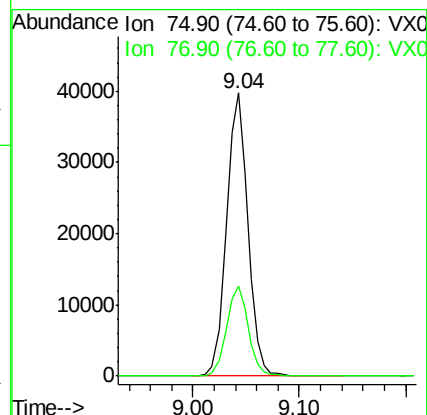
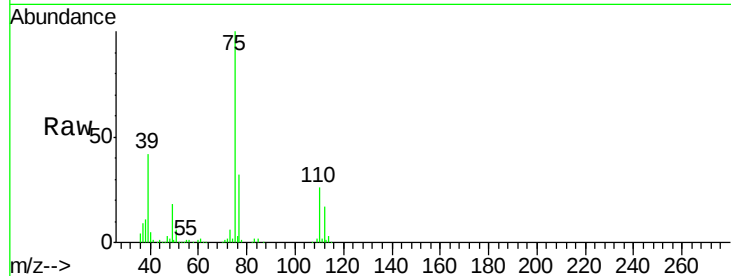
VX0313WBSD01

Tot Ion: 75 Resp: 55718

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.094 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

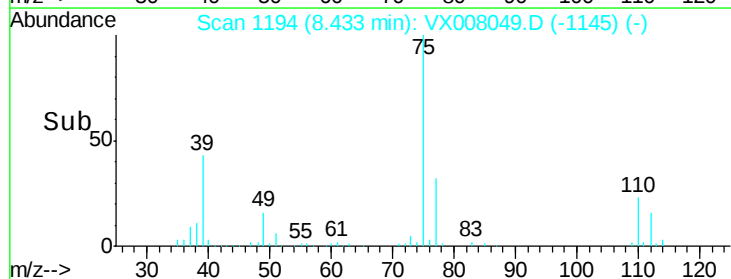
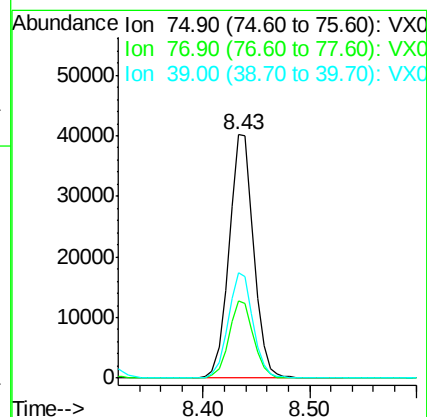
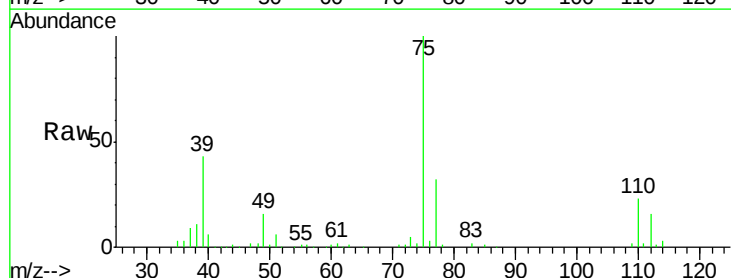
Tgt Ion: 75 Resp: 65013

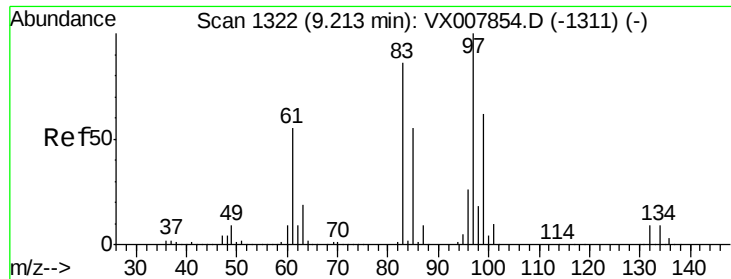
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 43.4 36.6 54.8

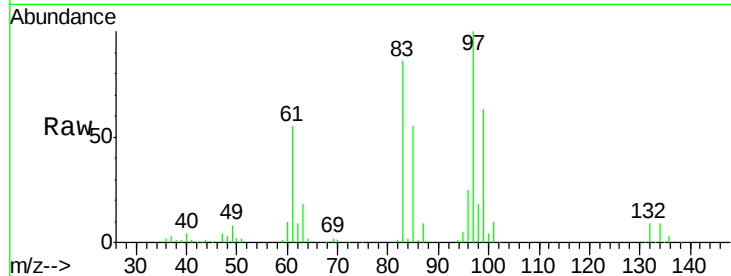




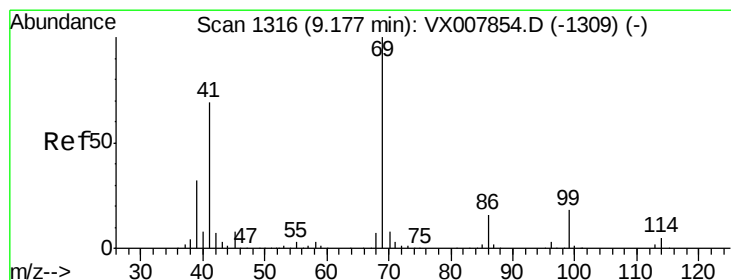
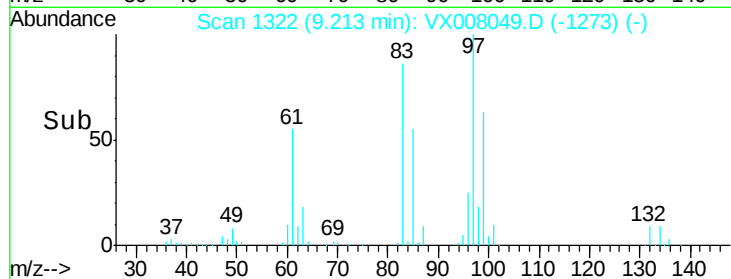
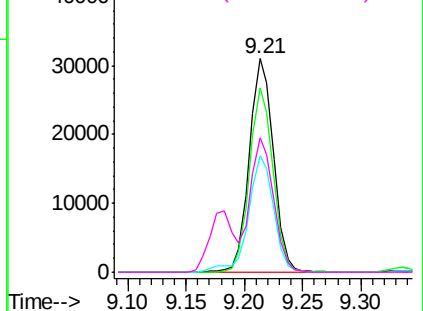
#55
 1,1,2-Trichloroethane
 Concen: 20.041 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion: 97 Resp: 45150
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.1 103.7
 85 54.7 44.3 66.5
 99 62.7 49.8 74.8

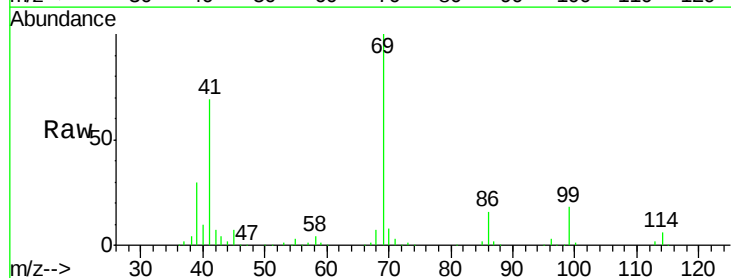


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

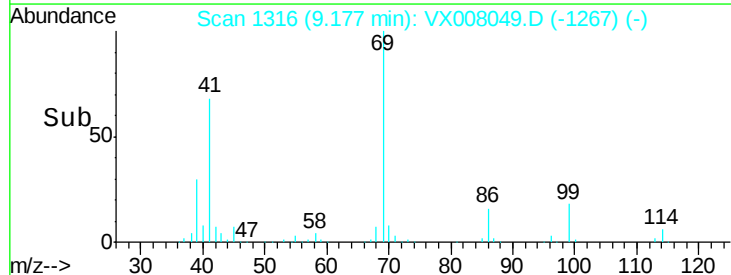
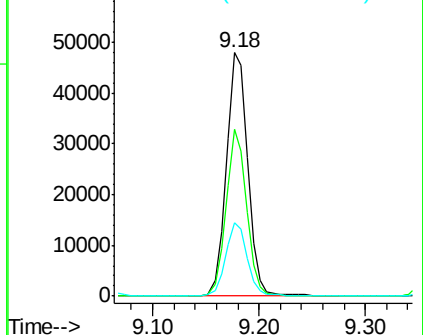


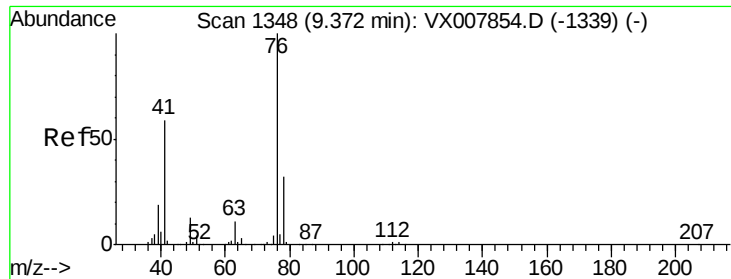
#56
 Ethyl methacrylate
 Concen: 20.008 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion: 69 Resp: 67680
 Ion Ratio Lower Upper
 69 100
 41 66.3 54.2 81.4
 39 29.6 25.0 37.4



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

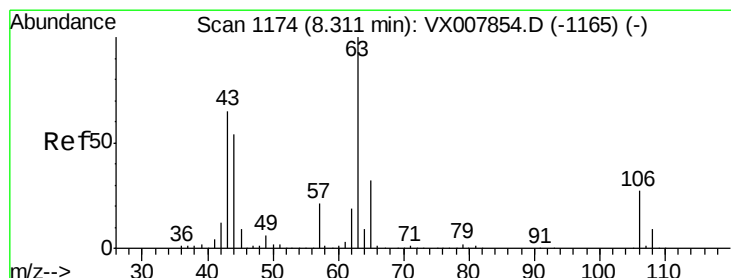
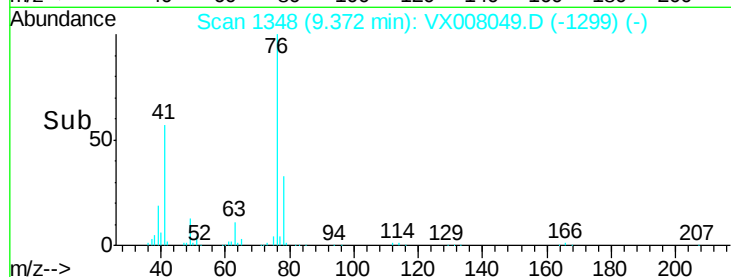
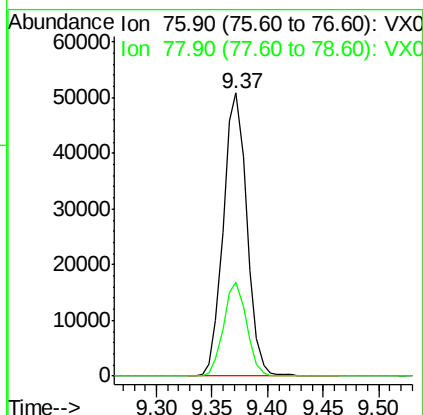
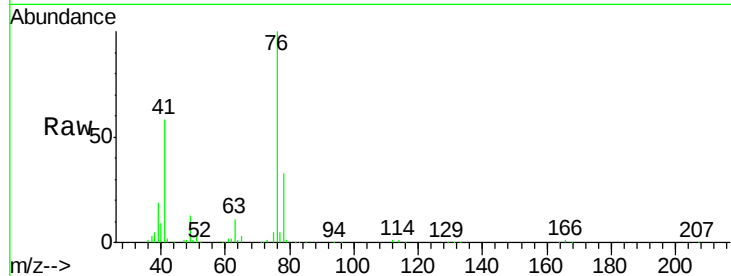




#57
 1,3-Dichloropropane
 Concen: 19.691 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

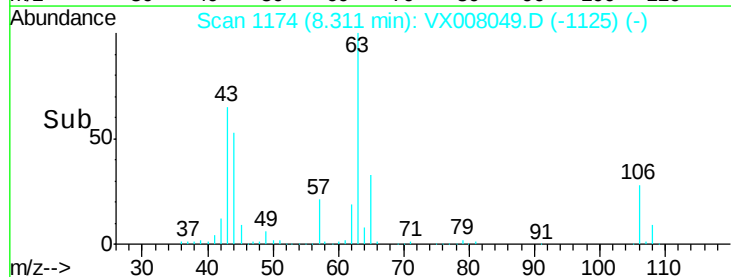
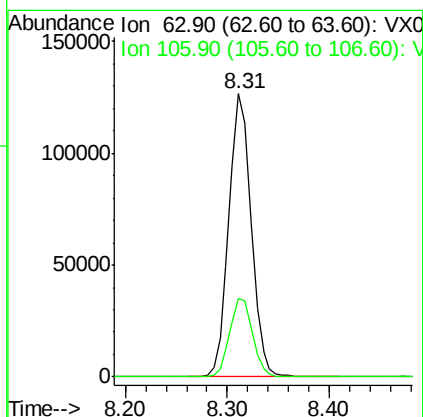
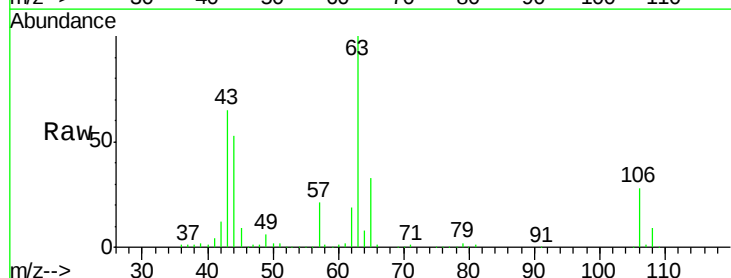
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

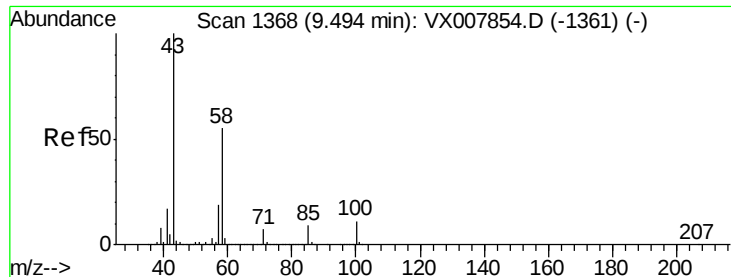
Tot Ion: 76 Resp: 74485
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.865 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion: 63 Resp: 192234
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.2 33.2

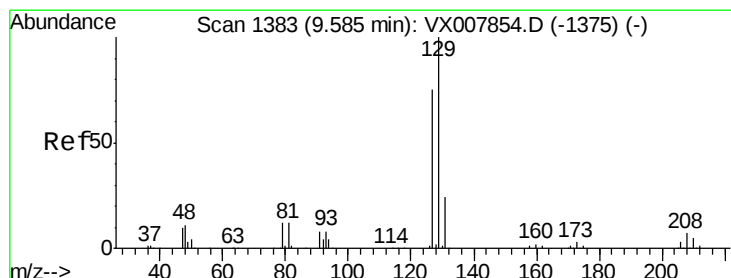
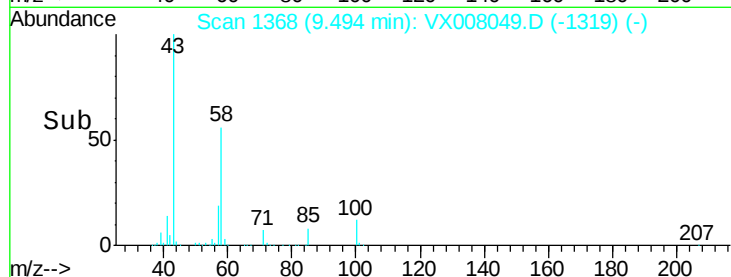
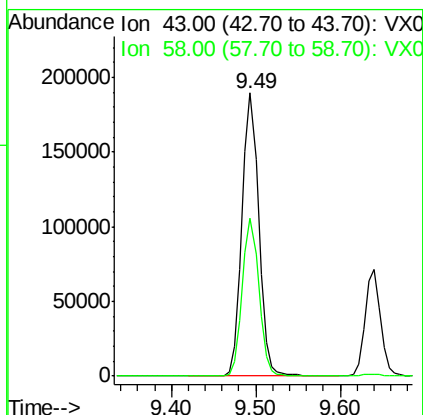
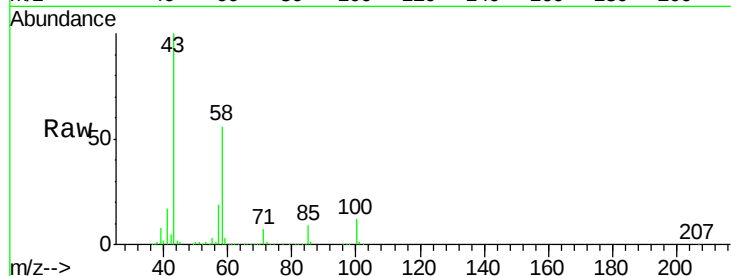




#59
2-Hexanone
Concen: 93.838 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

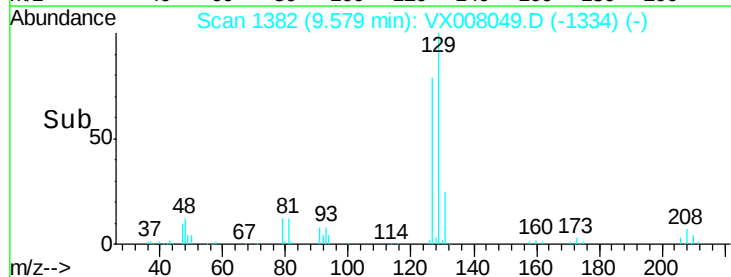
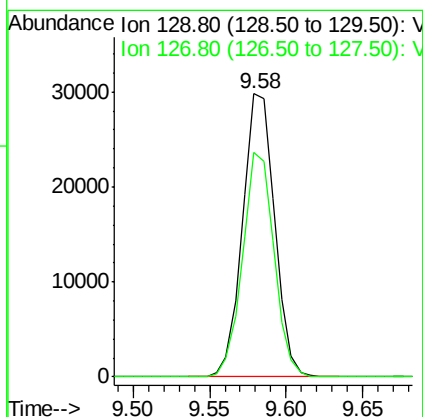
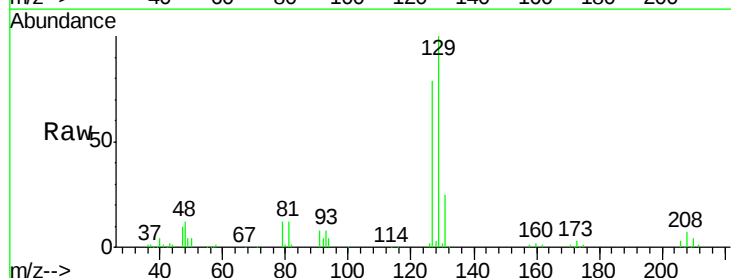
Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

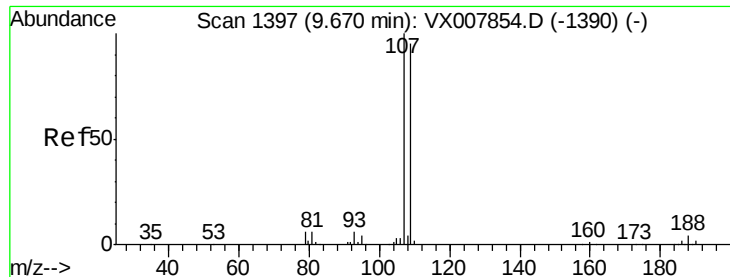
Tot Ion: 43 Resp: 251951
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.7



#60
Dibromochloromethane
Concen: 18.448 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 129 Resp: 43442
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8

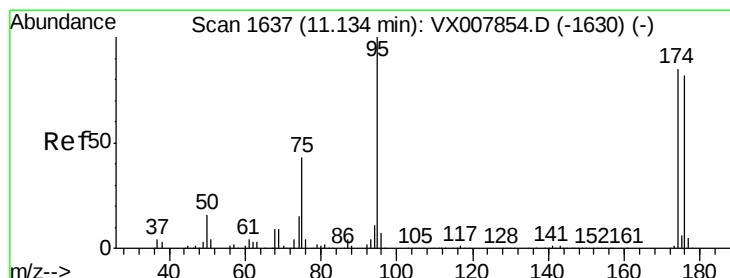
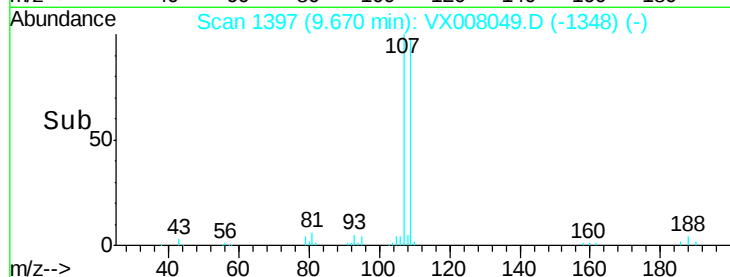
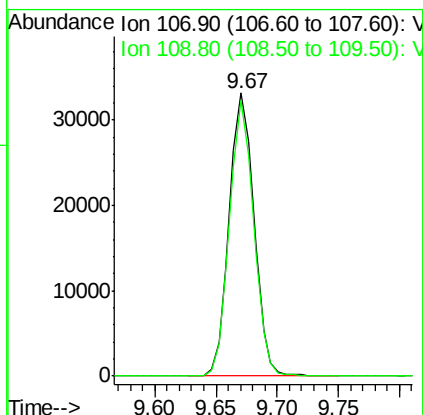
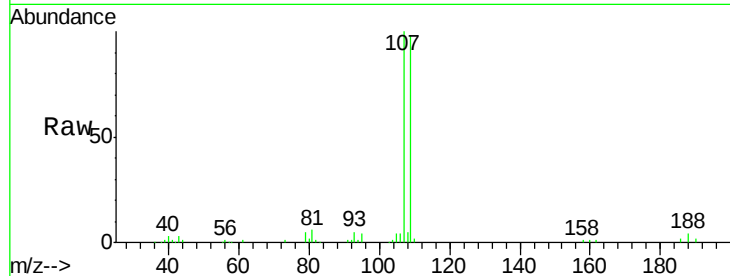




#61
 1,2-Dibromoethane
 Concen: 19.521 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

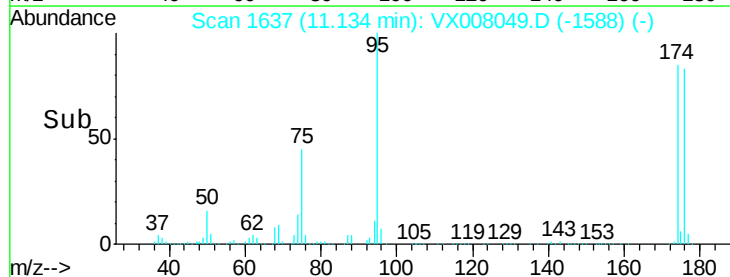
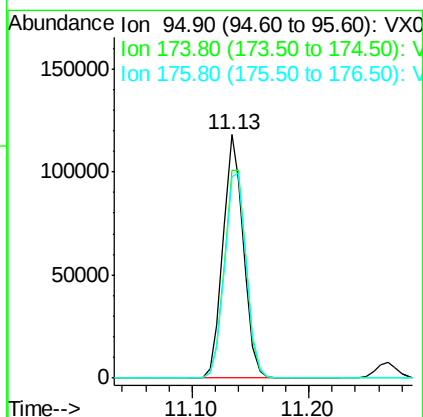
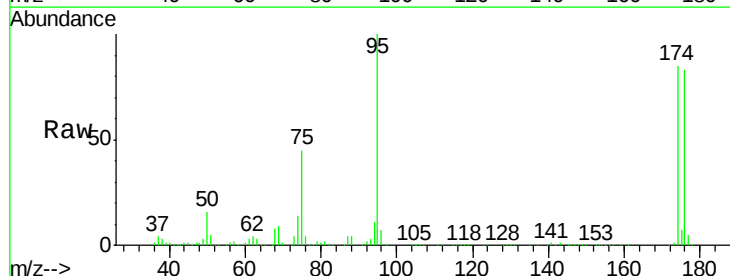
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

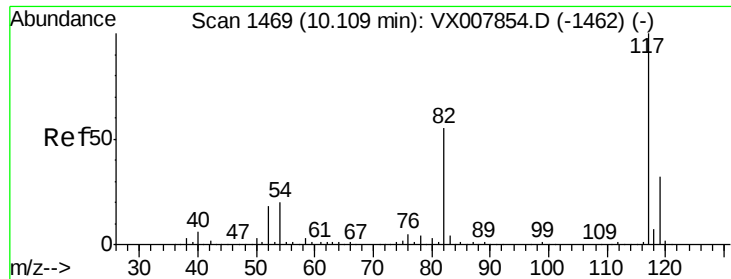
Tot Ion:107 Resp: 46693
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.209 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion: 95 Resp: 142625
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 182.8
 176 90.2 0.0 178.0

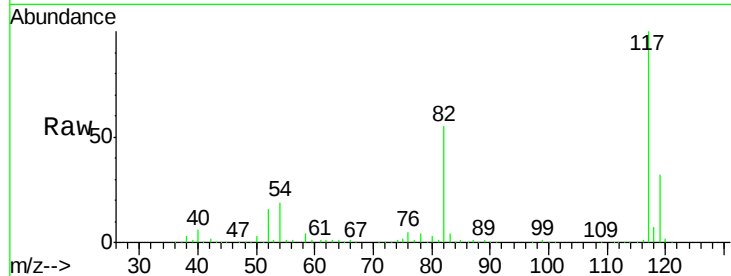




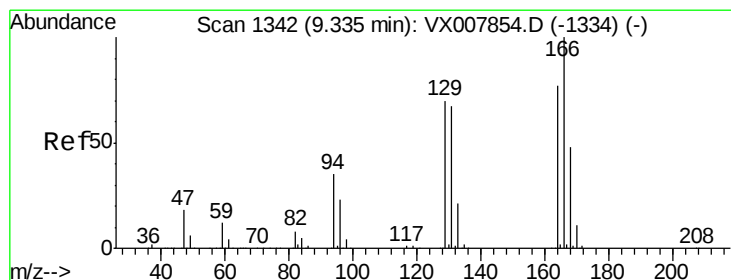
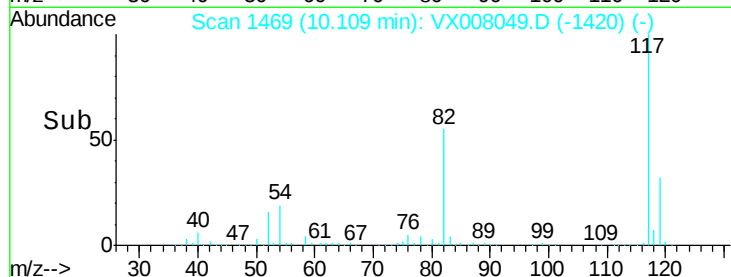
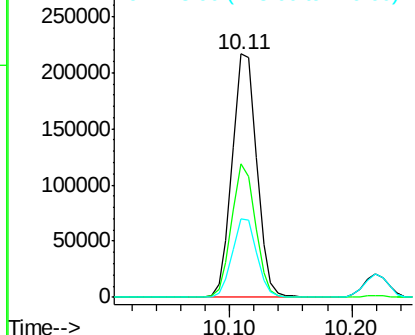
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion:117 Resp: 299874
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.4 25.3 37.9



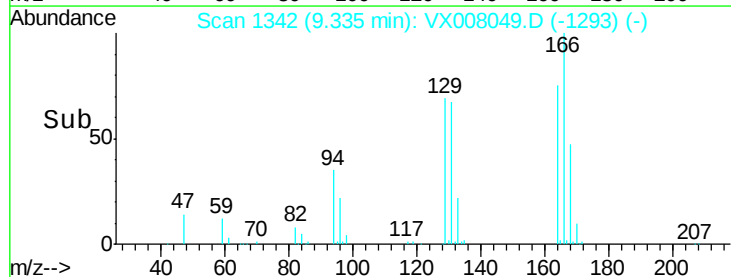
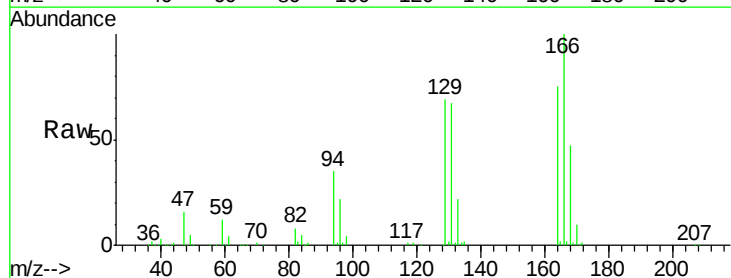
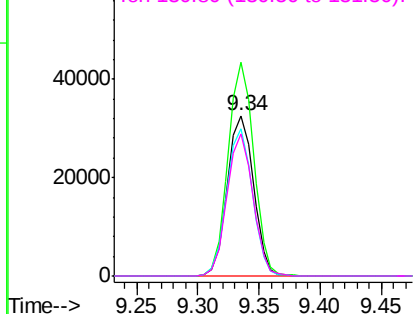
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

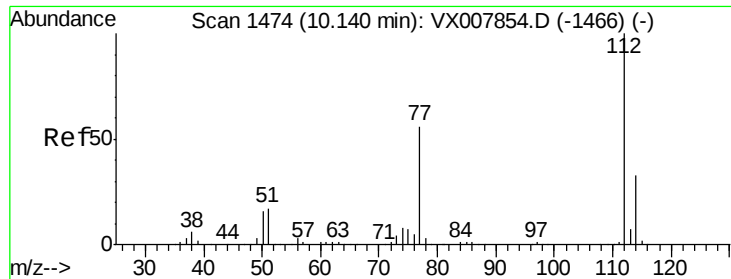


#64
Tetrachloroethene
Concen: 19.484 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion:164 Resp: 48418
Ion Ratio Lower Upper
164 100
166 133.3 103.4 155.0
129 91.6 72.2 108.4
131 89.0 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

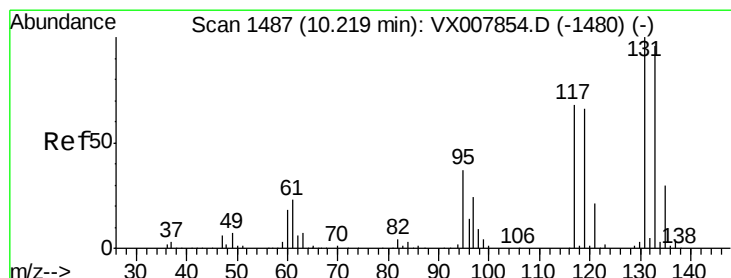
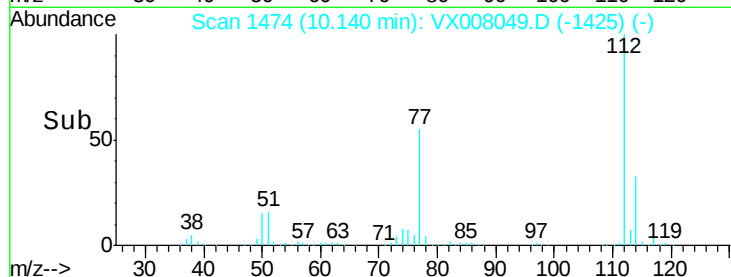
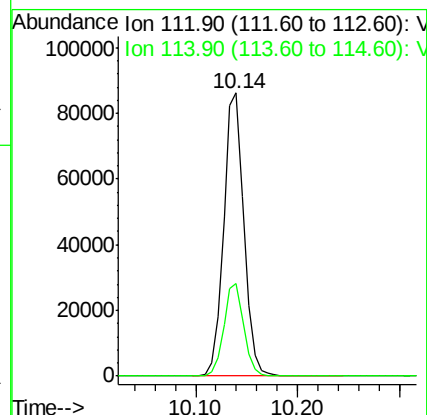
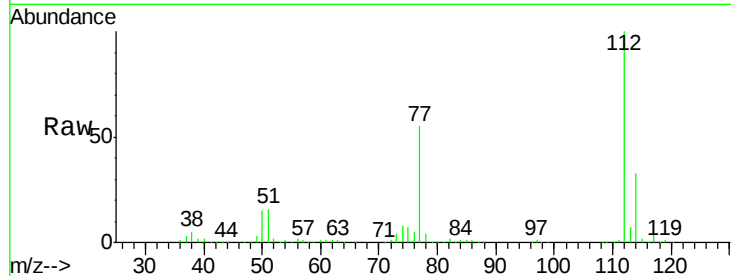




#65
Chlorobenzene
Concen: 19.072 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

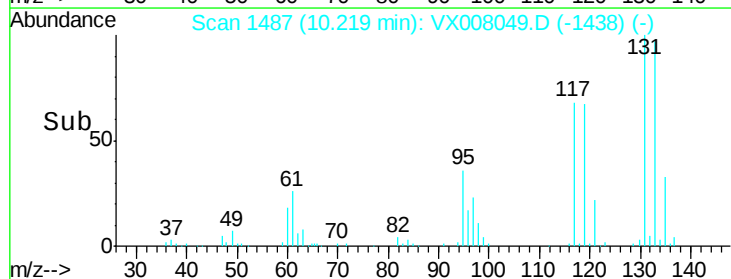
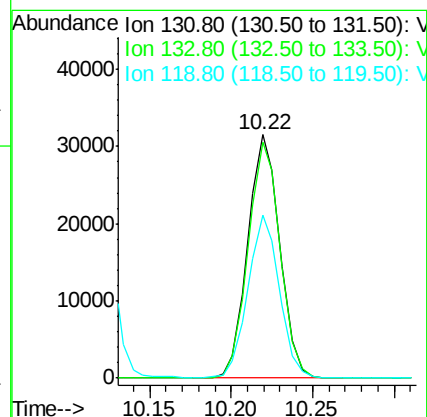
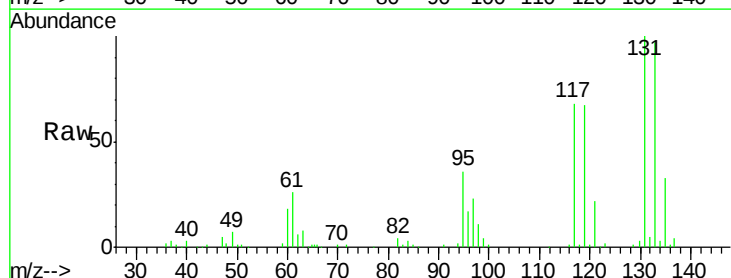
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

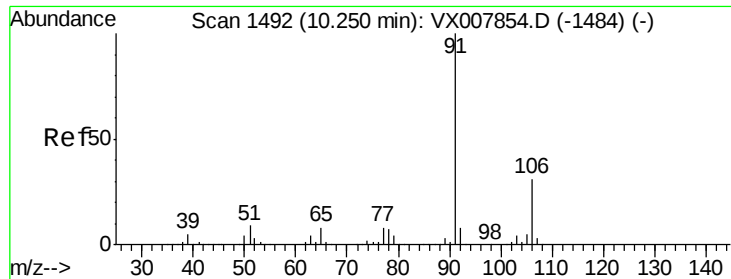
Tot Ion:112 Resp: 119676
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.084 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion:131 Resp: 42920
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 66.5 32.5 97.5

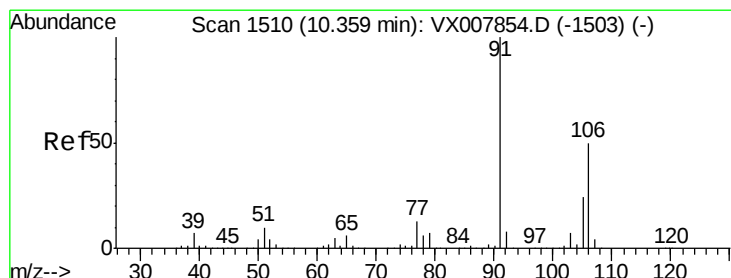
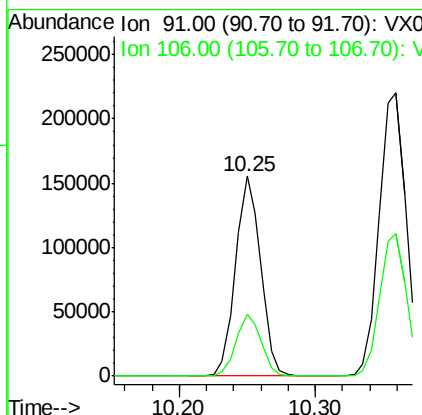
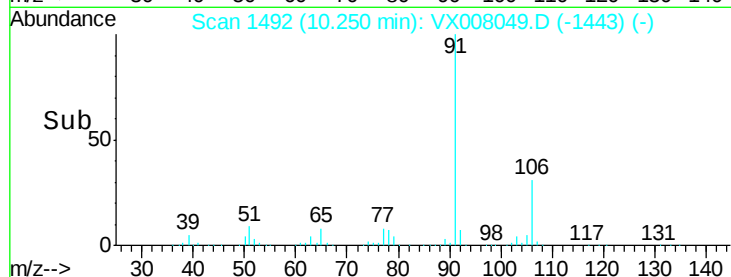
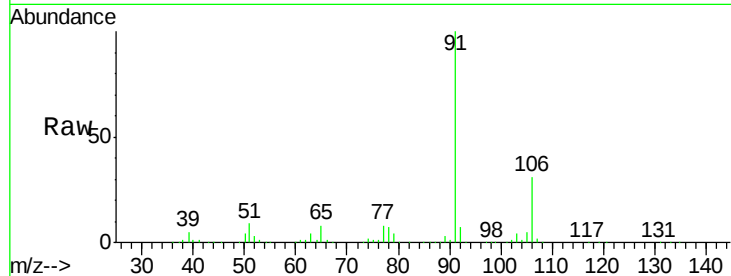




#67
Ethyl Benzene
Concen: 19.377 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

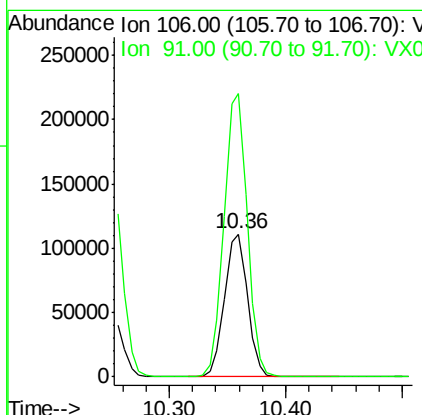
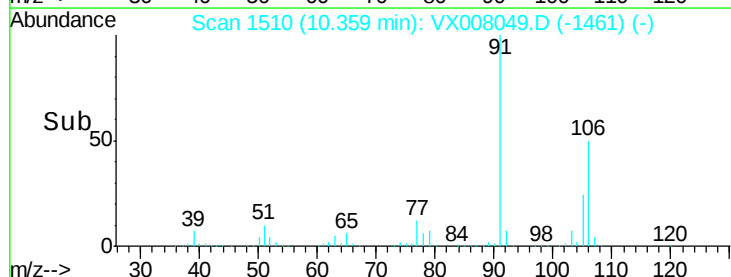
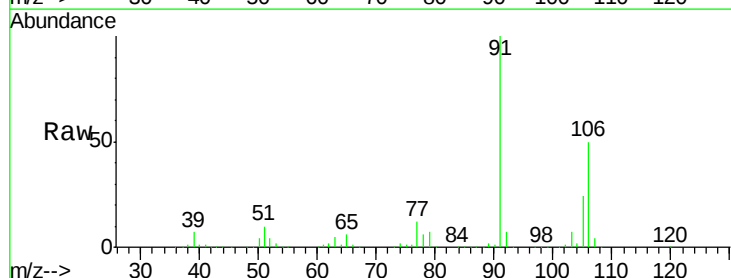
Instrument :
MSVOA_X
ClientSampleID :
VX0313WBSD01

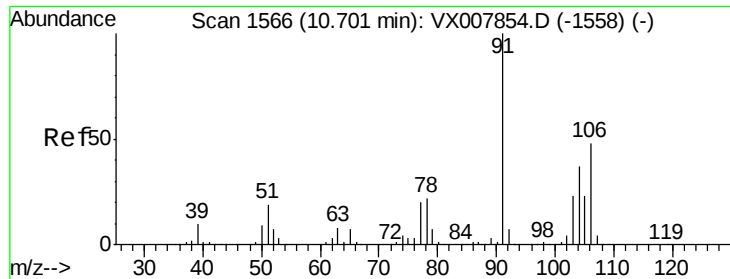
Tot Ion: 91 Resp: 200149
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 38.327 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 106 Resp: 152599
Ion Ratio Lower Upper
106 100
91 199.4 159.8 239.6

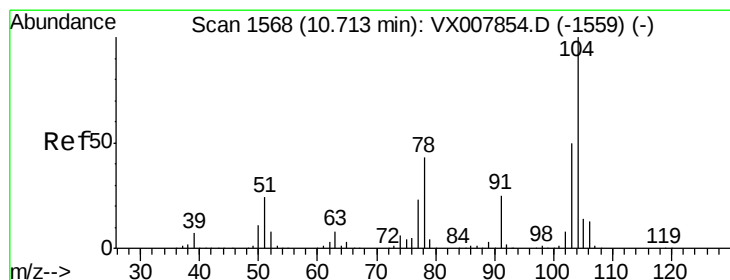
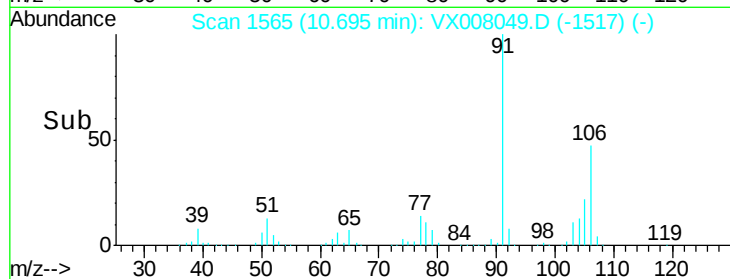
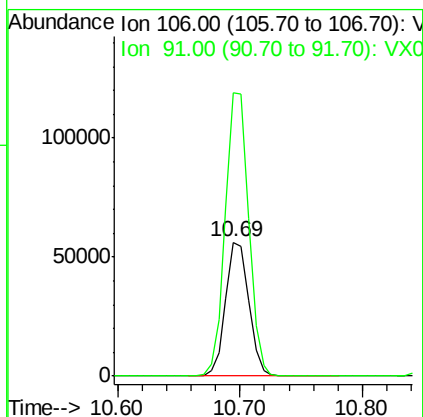
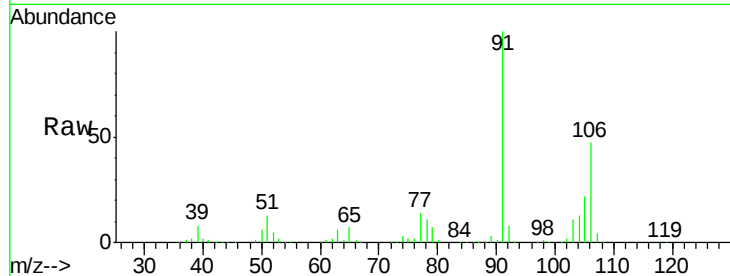




#69
o-Xylene
Concen: 19.230 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

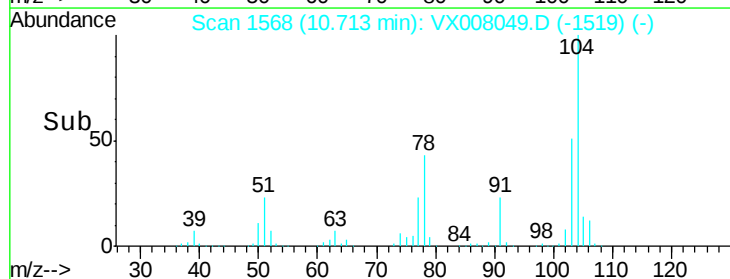
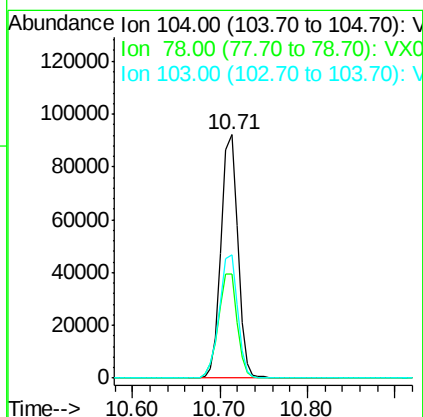
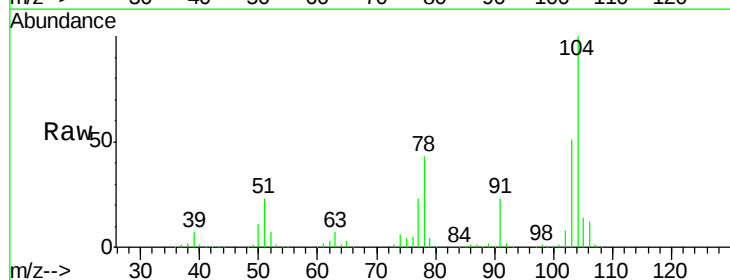
Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

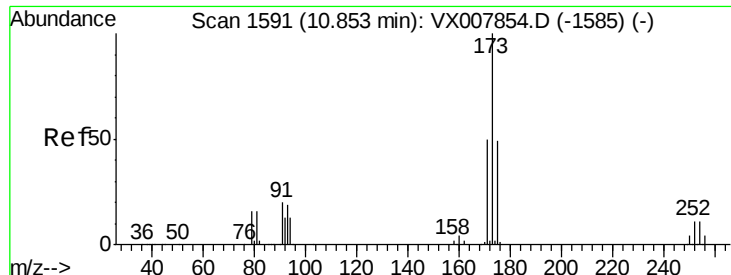
Tot Ion:106 Resp: 73919
Ion Ratio Lower Upper
106 100
91 213.8 106.3 318.9



#70
Styrene
Concen: 19.421 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion:104 Resp: 122159
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 17.439 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

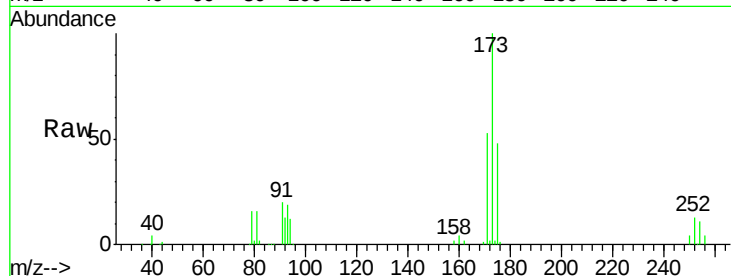
Tot Ion:173 Resp: 33682

Ion Ratio Lower Upper

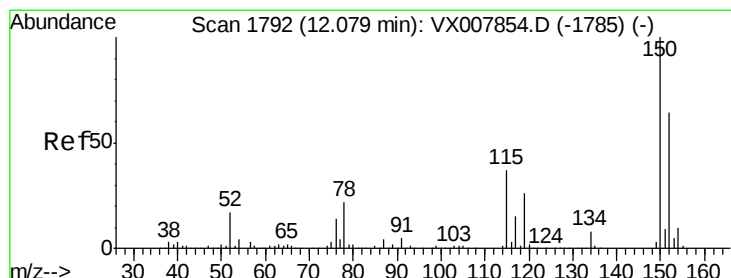
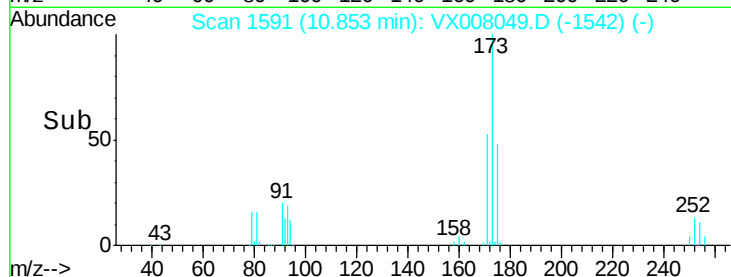
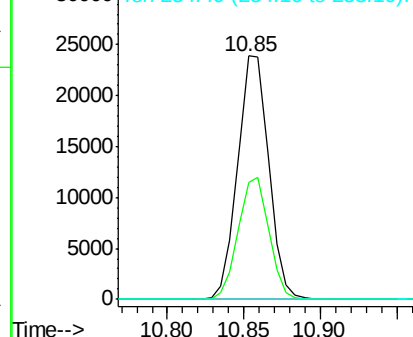
173 100

175 49.3 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

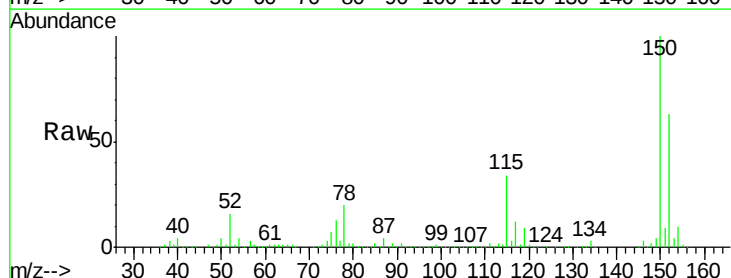
Tgt Ion:152 Resp: 148111

Ion Ratio Lower Upper

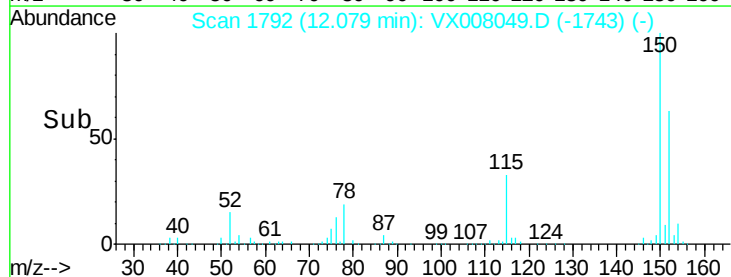
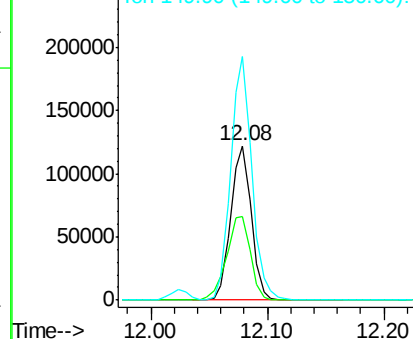
152 100

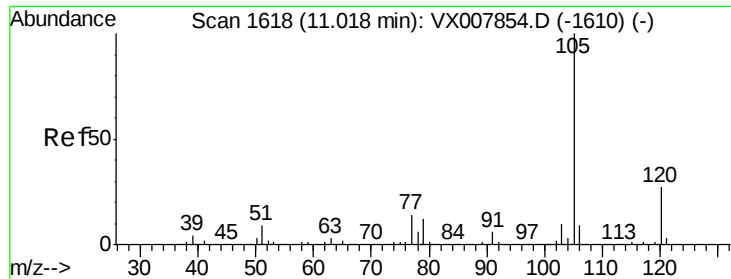
115 62.8 38.6 115.7

150 162.4 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: 19.889 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

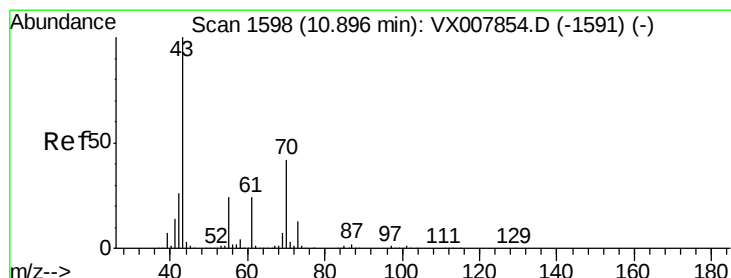
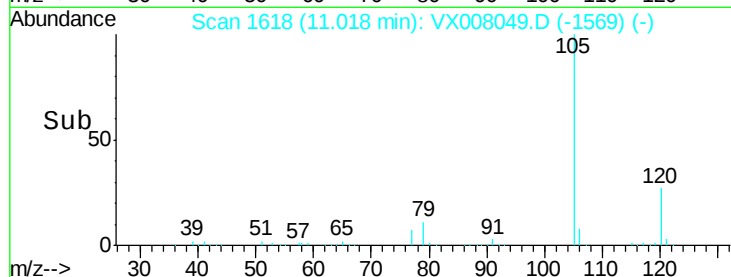
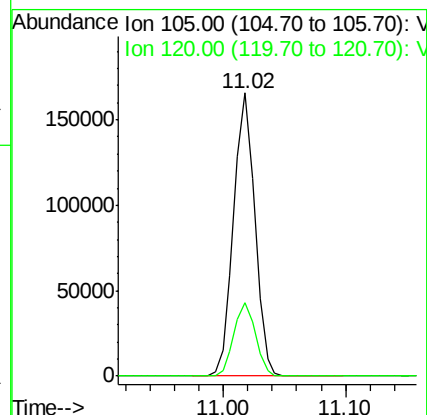
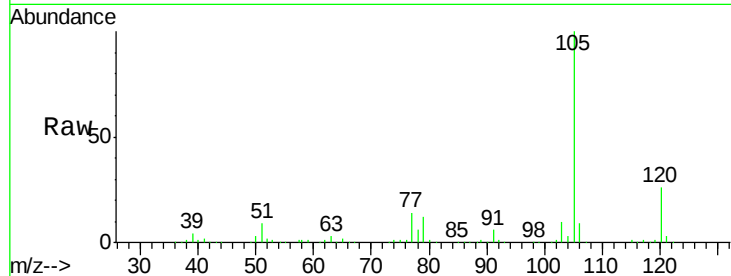
VX0313WBSD01

Tot Ion:105 Resp: 199229

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 18.524 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Tgt Ion: 43 Resp: 84711

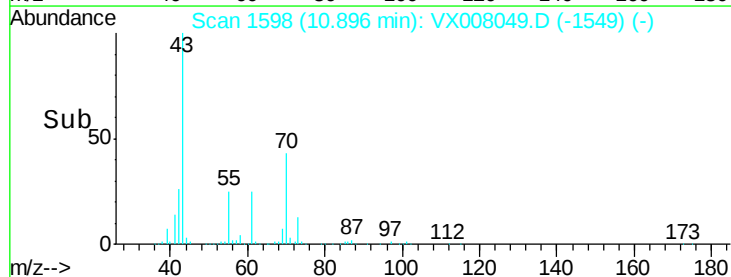
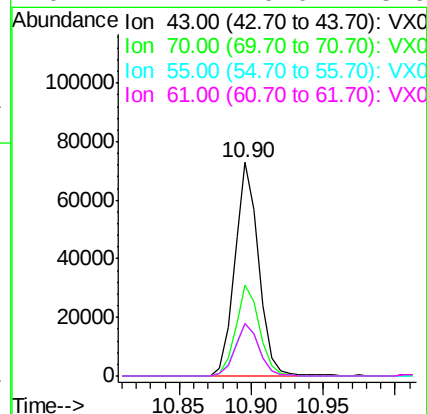
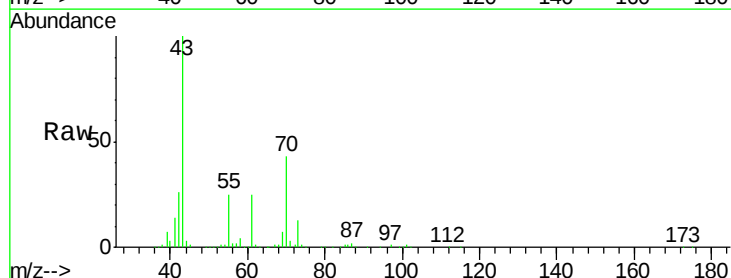
Ion Ratio Lower Upper

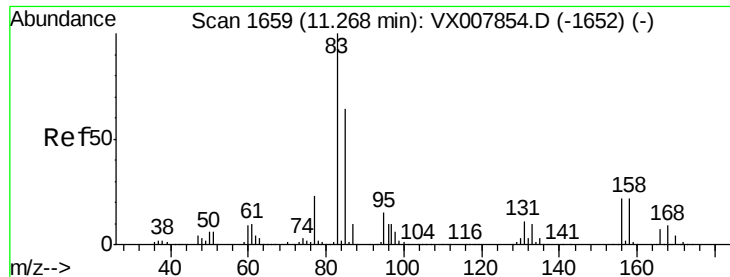
43 100

70 42.6 33.5 50.3

55 25.3 19.2 28.8

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.049 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

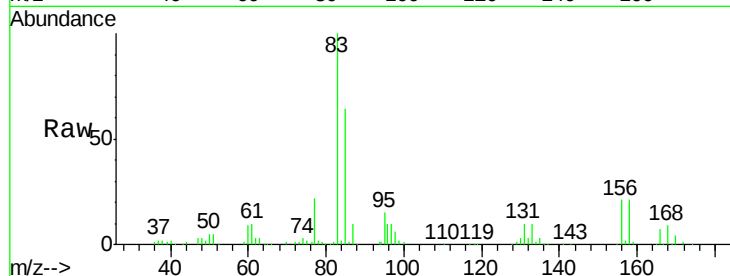
Tot Ion: 83 Resp: 65819

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

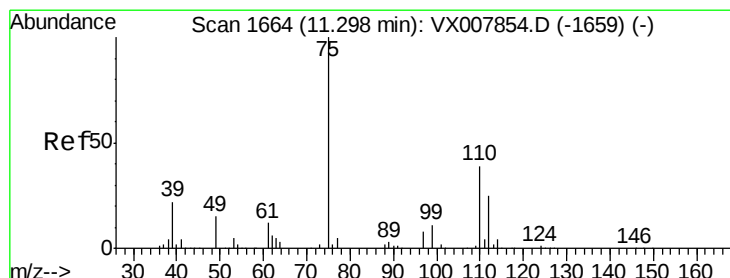
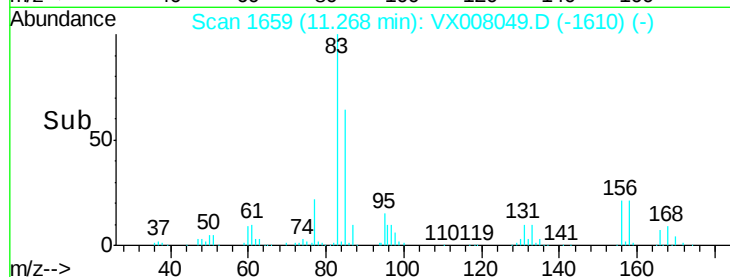
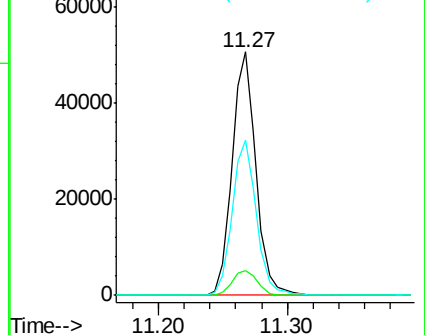
85 65.0 32.3 96.8



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: 23.474 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008049.D

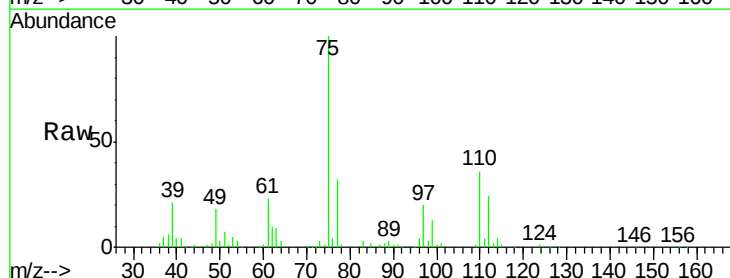
Acq: 13 Mar 2019 15:18

Tgt Ion: 75 Resp: 72956

Ion Ratio Lower Upper

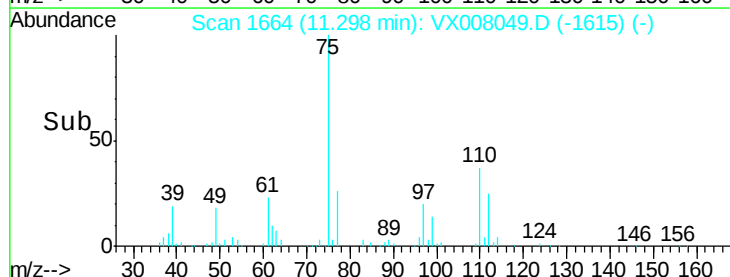
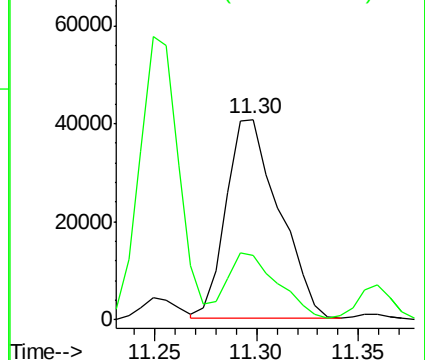
75 100

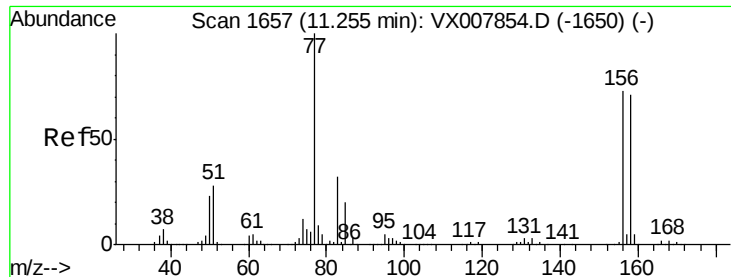
77 33.2 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.499 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

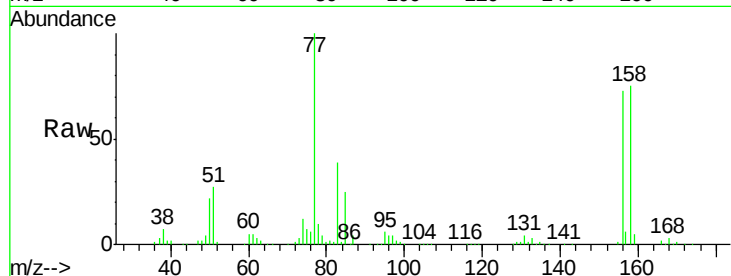
Tot Ion:156 Resp: 53549

Ion Ratio Lower Upper

156 100

77 142.4 72.0 215.9

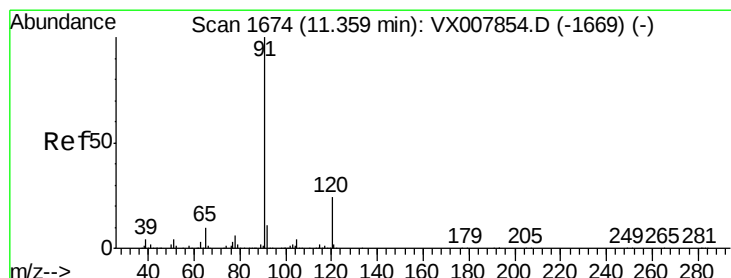
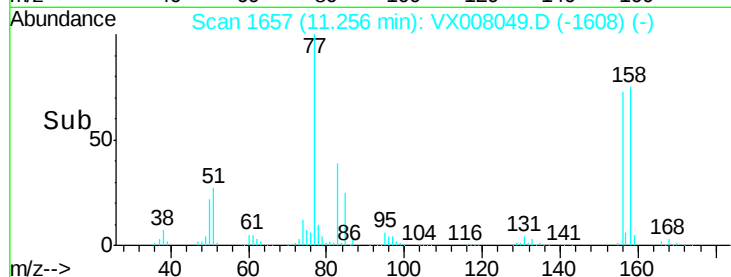
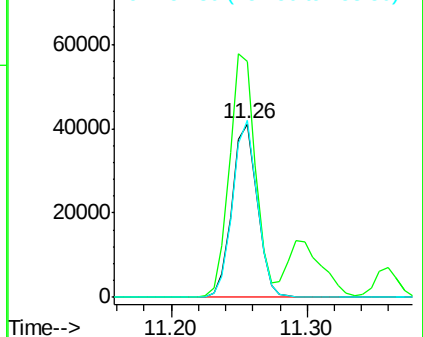
158 99.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008049.D

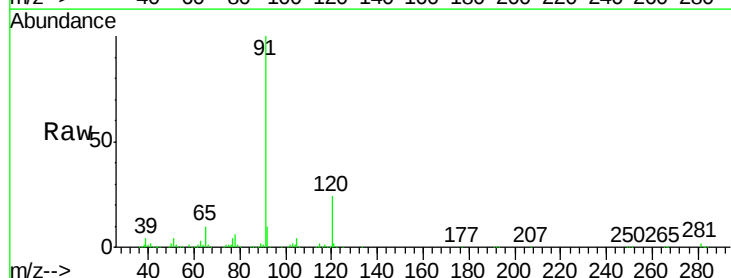
Acq: 13 Mar 2019 15:18

Tgt Ion: 91 Resp: 217753

Ion Ratio Lower Upper

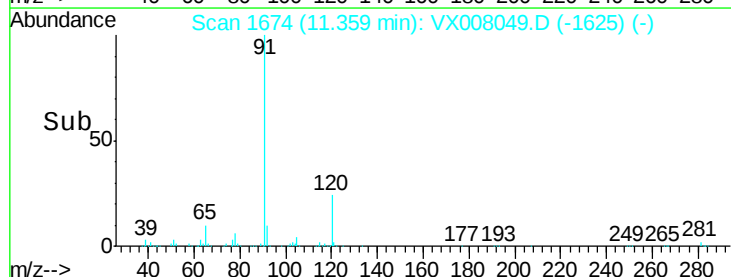
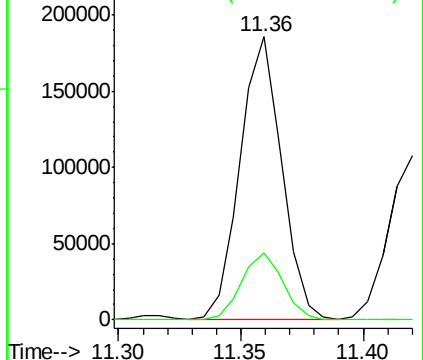
91 100

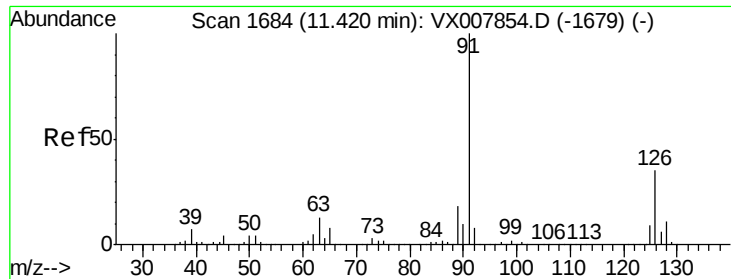
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.431 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

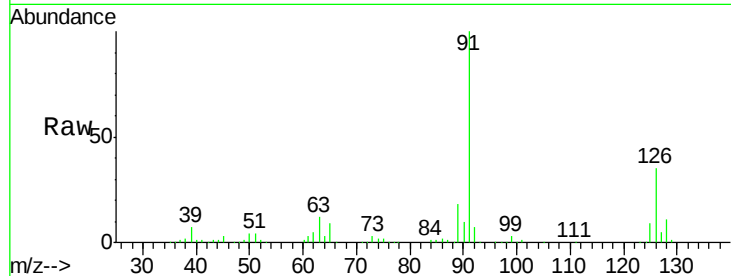
VX0313WBSD01

Tot Ion: 91 Resp: 132028

Ion Ratio Lower Upper

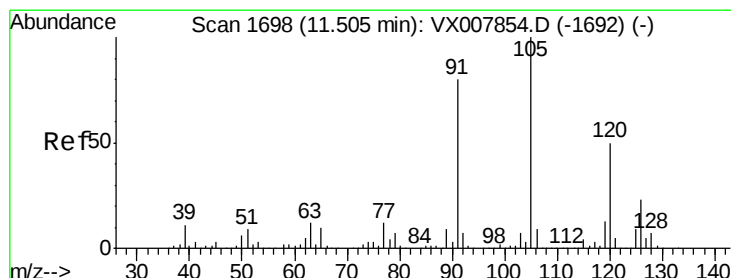
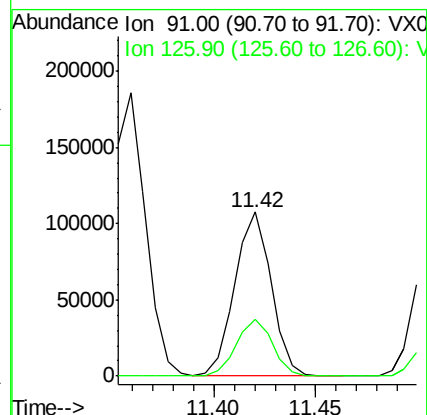
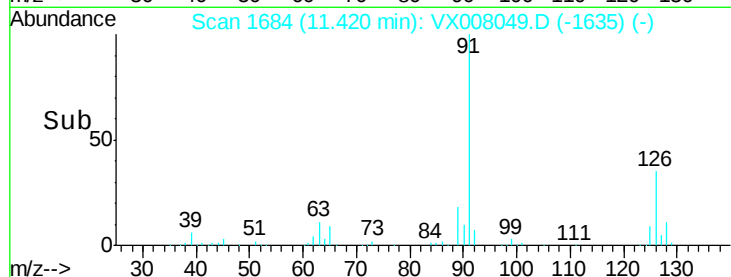
91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.959 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008049.D

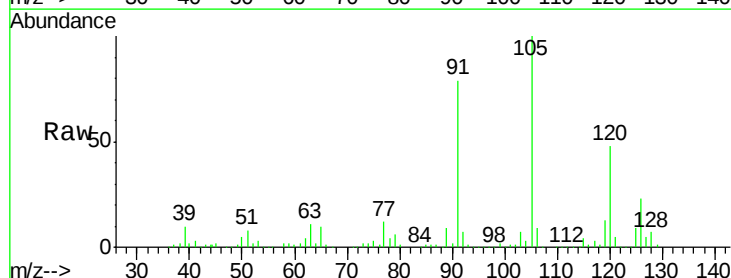
Acq: 13 Mar 2019 15:18

Tgt Ion: 105 Resp: 164549

Ion Ratio Lower Upper

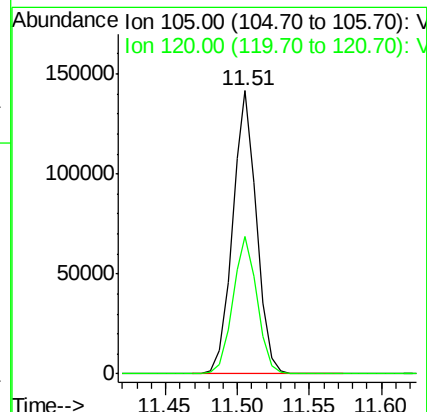
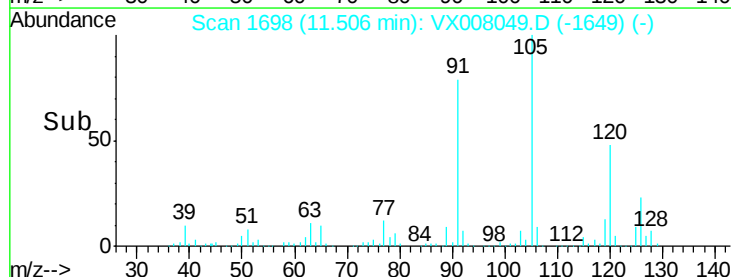
105 100

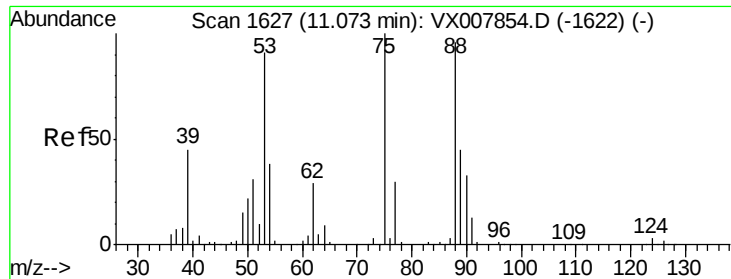
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

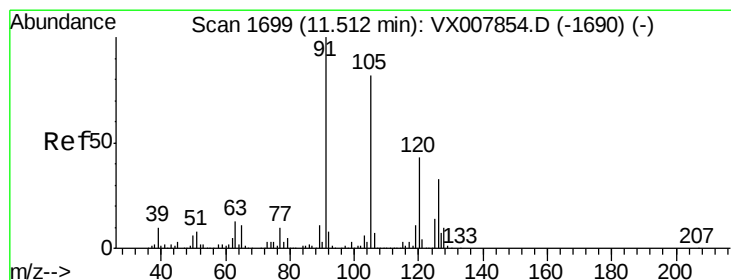
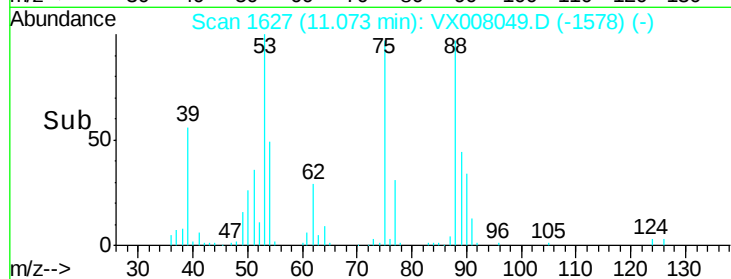
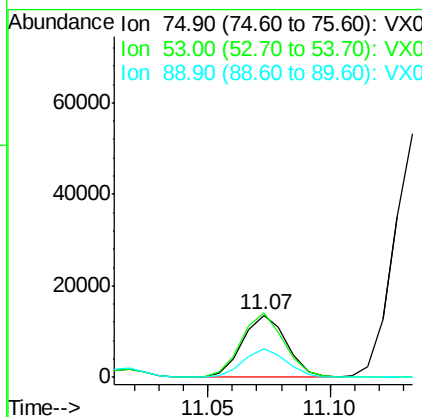
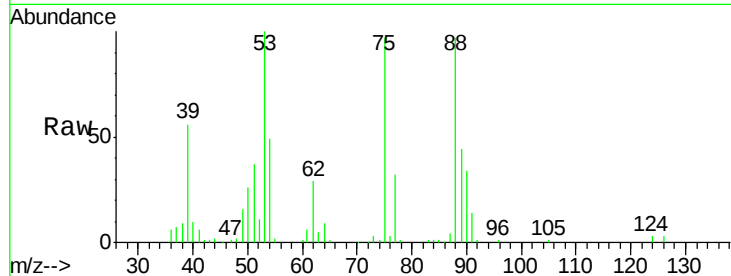




#81
trans-1,4-Dichloro-2-butene
Concen: 17.480 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

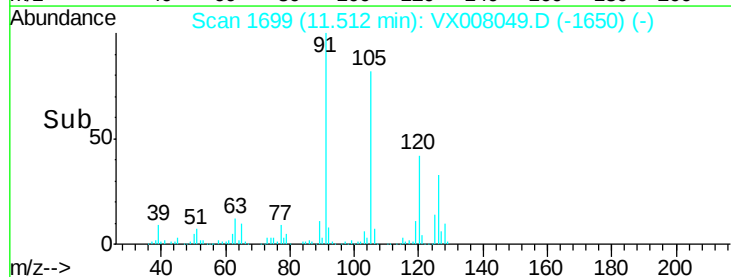
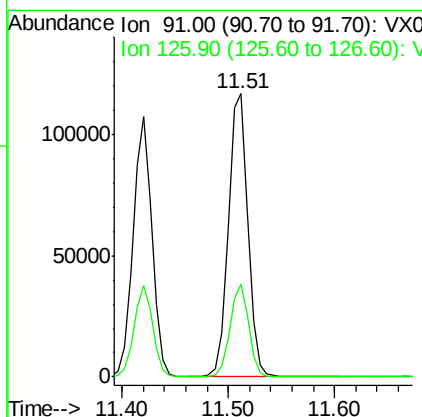
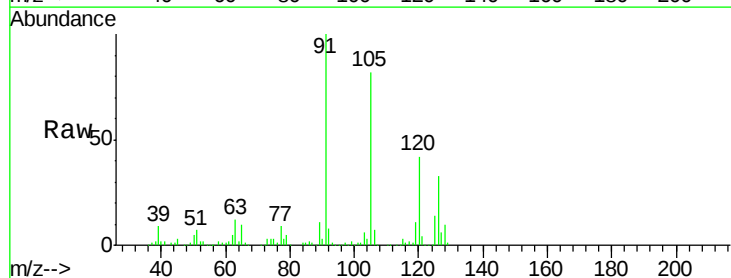
Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

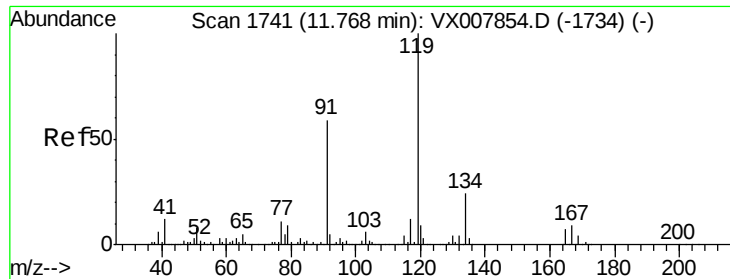
Tot Ion: 75 Resp: 16996
Ion Ratio Lower Upper
75 100
53 101.8 76.1 114.1
89 45.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.182 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 91 Resp: 149359
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8

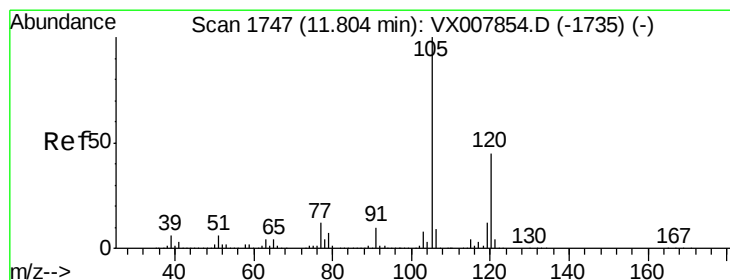
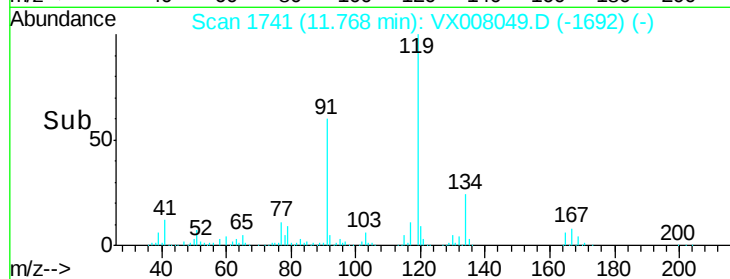
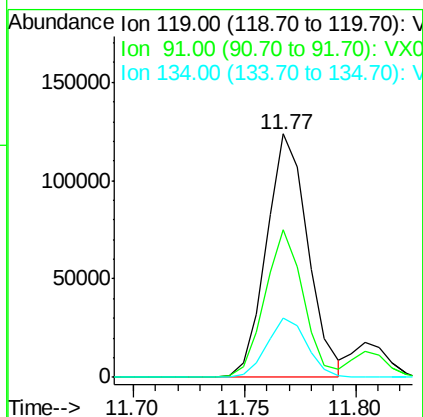
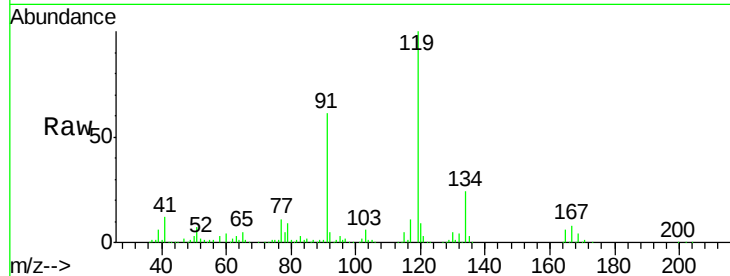




#83
 tert-Butylbenzene
 Concen: 19.241 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

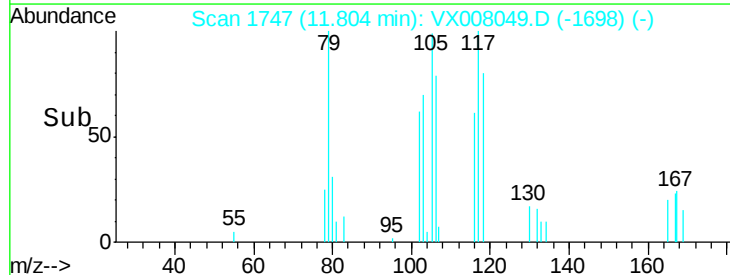
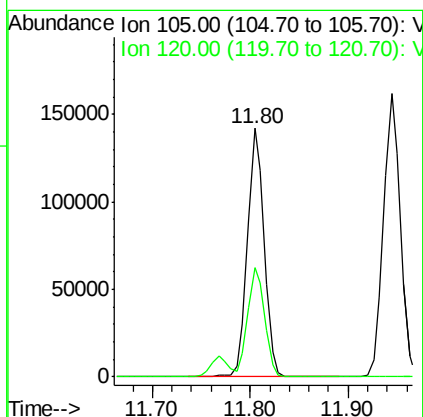
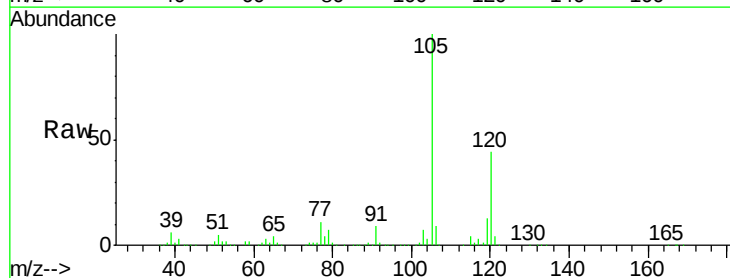
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

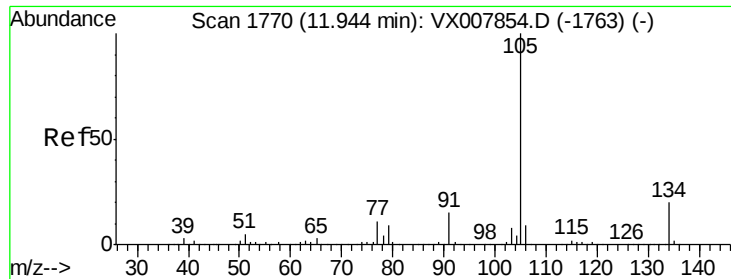
Tot Ion:119 Resp: 159793
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.1 81.3
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.961 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion:105 Resp: 168707
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.796 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

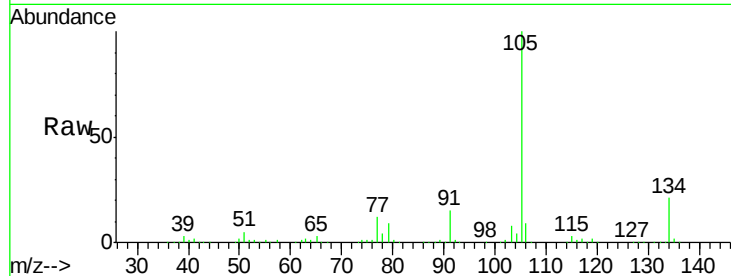
VX0313WBSD01

Tot Ion:105 Resp: 193625

Ion Ratio Lower Upper

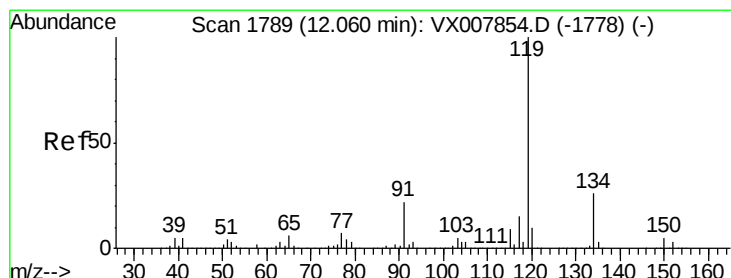
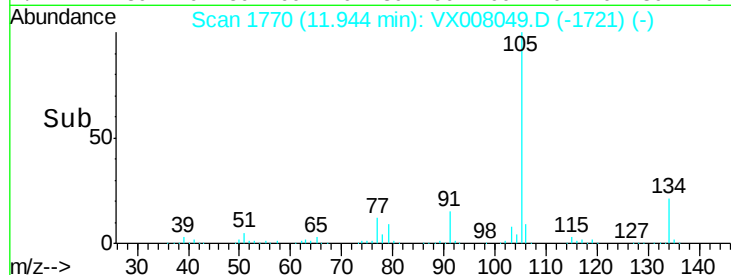
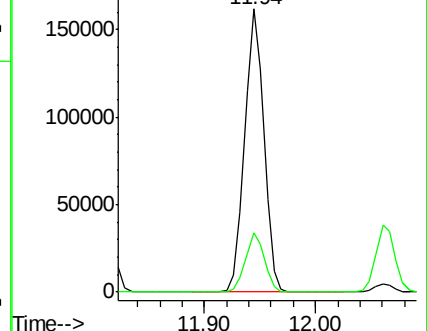
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.593 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

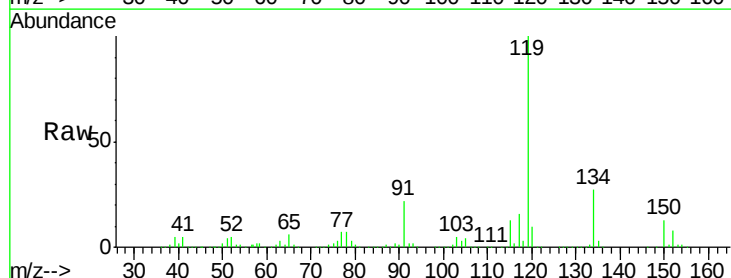
Tgt Ion:119 Resp: 171621

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

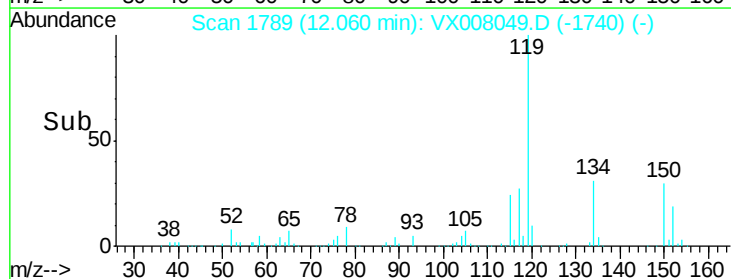
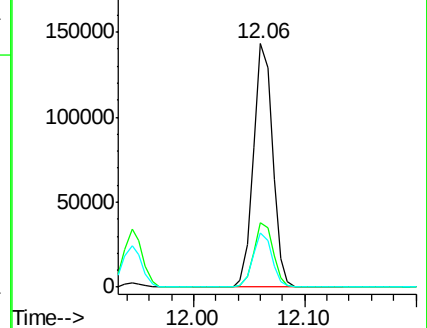
91 22.1 10.9 32.7

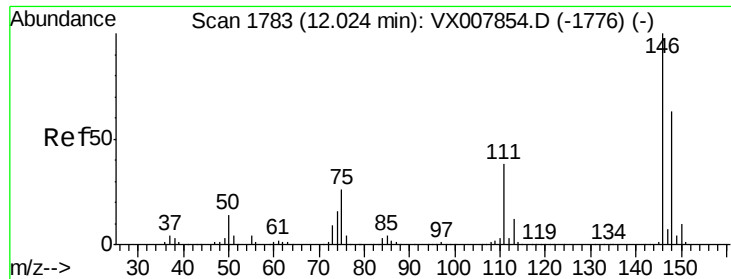


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

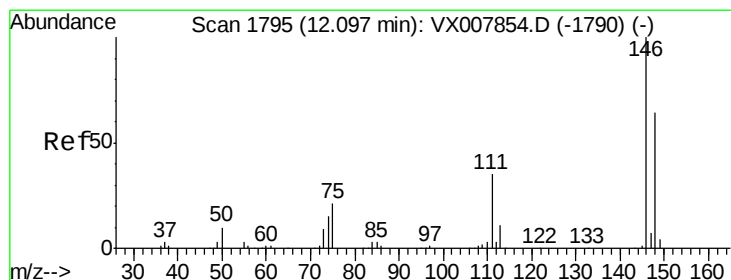
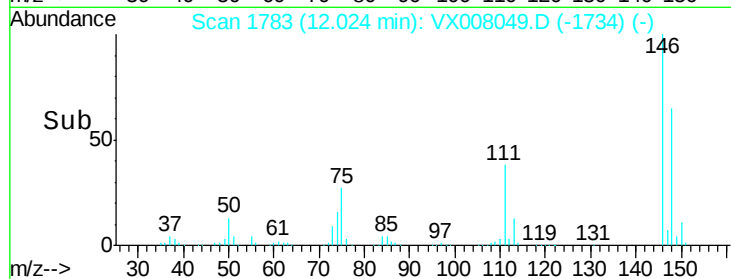
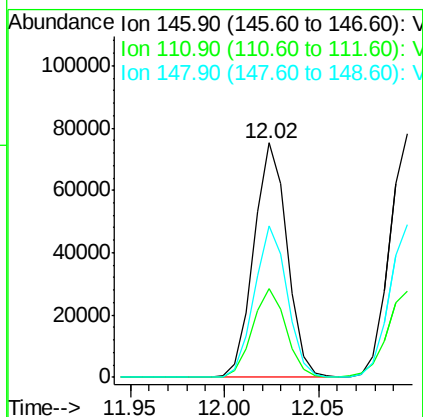
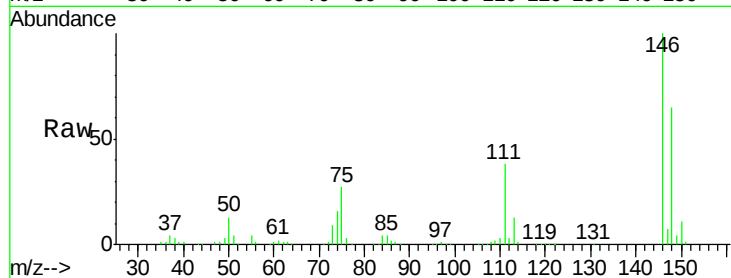




#87
 1,3-Dichlorobenzene
 Concen: 18.919 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

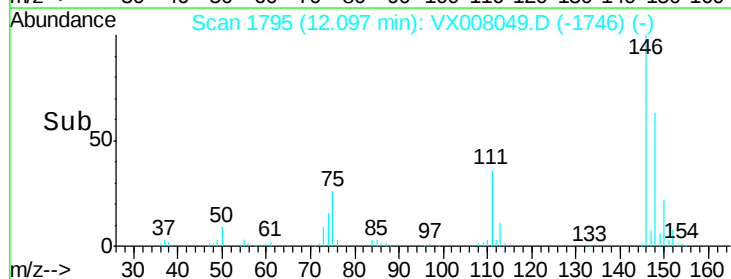
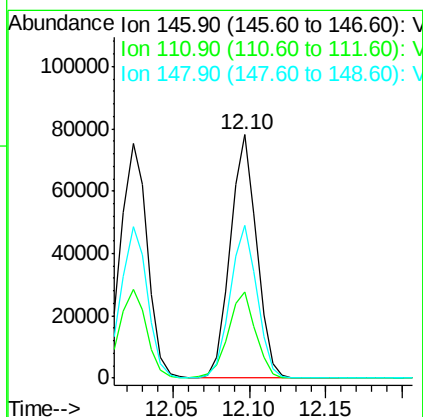
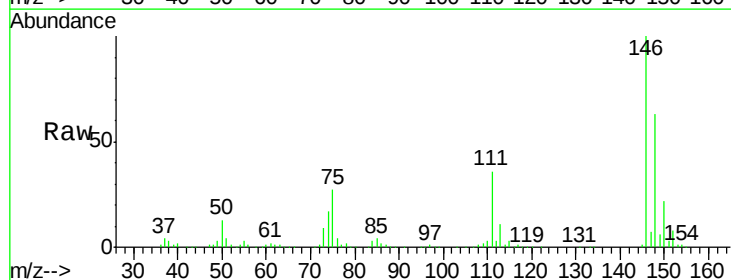
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0313WBSD01

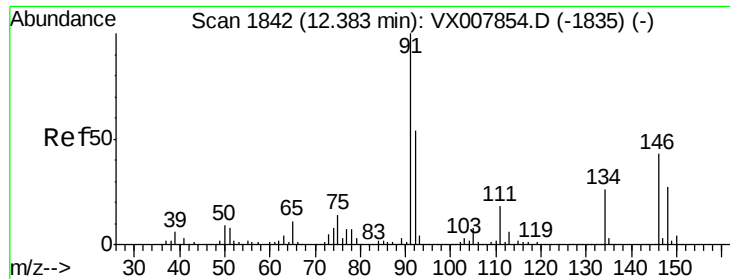
Tot Ion:146 Resp: 91918
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.722 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion:146 Resp: 93152
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.0
 148 64.0 32.2 96.6

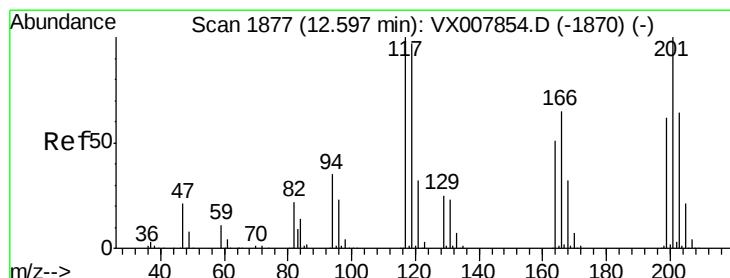
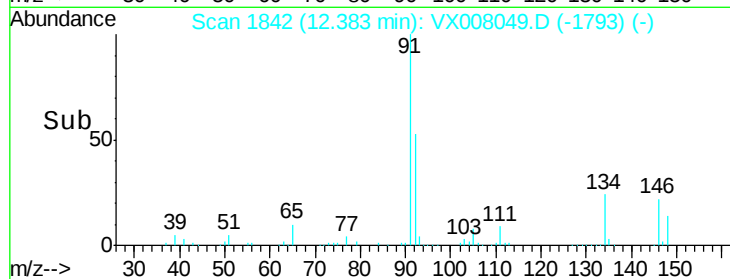
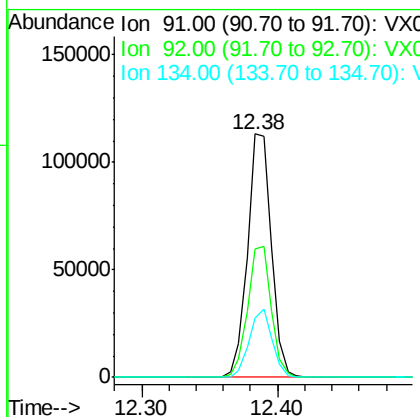
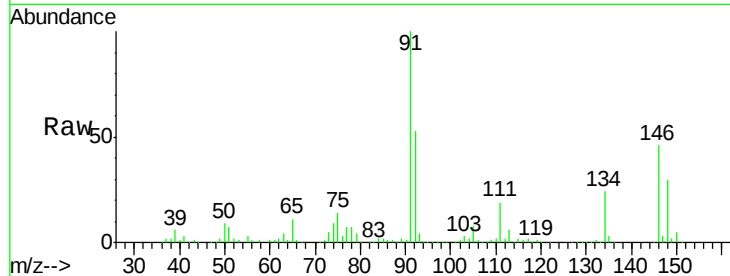




#89
n-Butylbenzene
Concen: 18.728 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

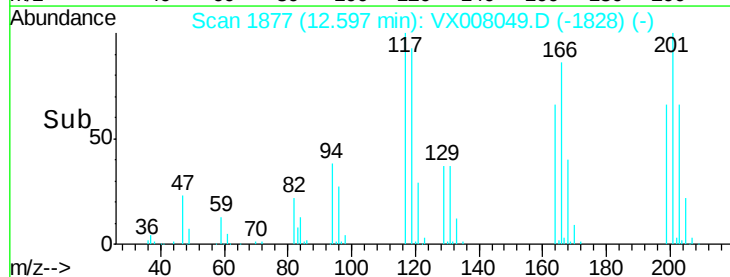
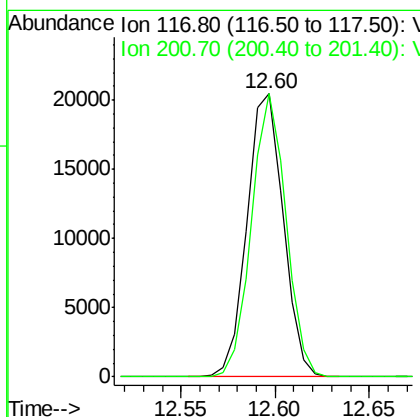
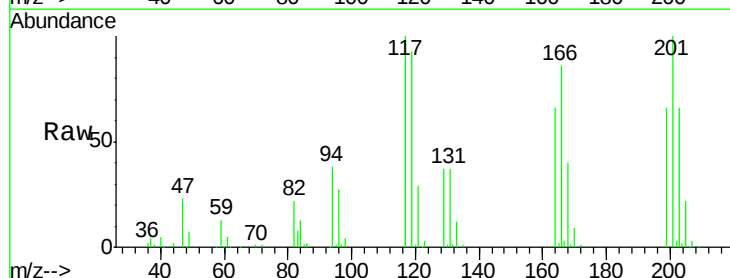
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

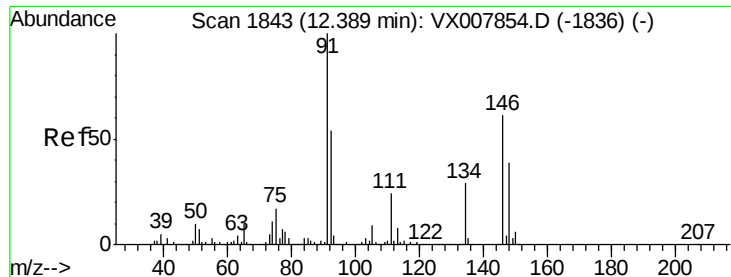
Tot Ion: 91 Resp: 138986
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.0 13.7 41.0



#90
Hexachloroethane
Concen: 18.631 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion: 117 Resp: 27286
Ion Ratio Lower Upper
117 100
201 95.0 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 19.333 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

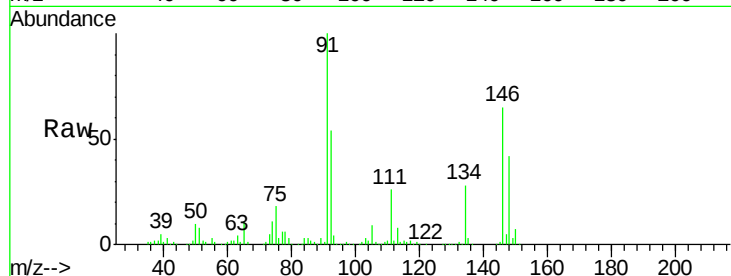
Tot Ion:146 Resp: 93314

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

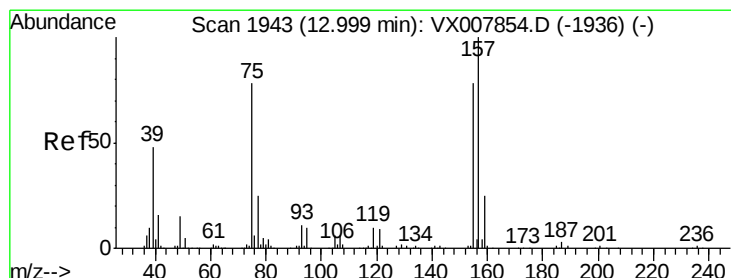
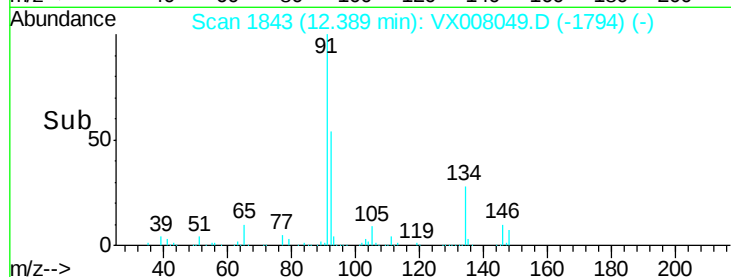
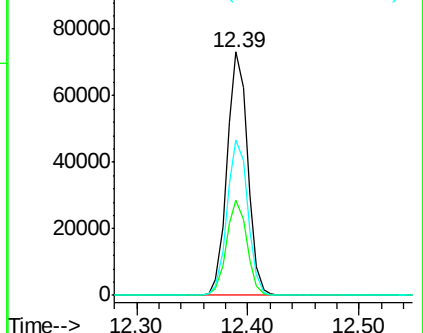
148 64.4 31.9 95.5



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: 17.976 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008049.D

Acq: 13 Mar 2019 15:18

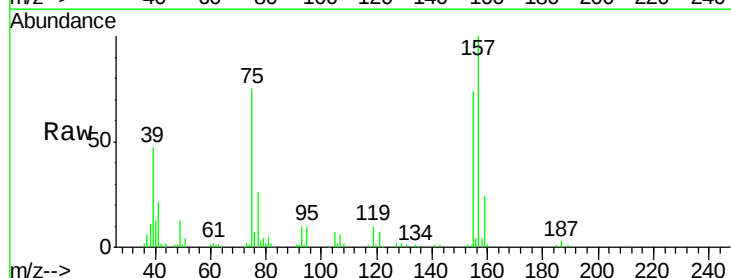
Tgt Ion: 75 Resp: 12981

Ion Ratio Lower Upper

75 100

155 99.8 49.7 149.1

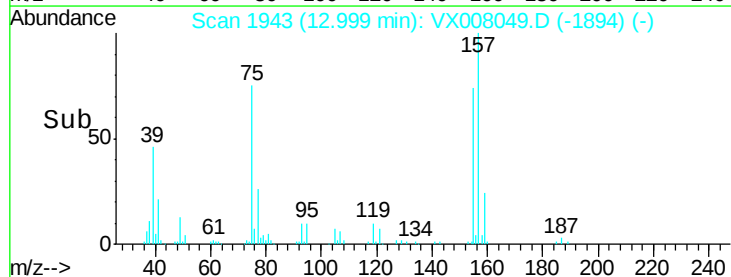
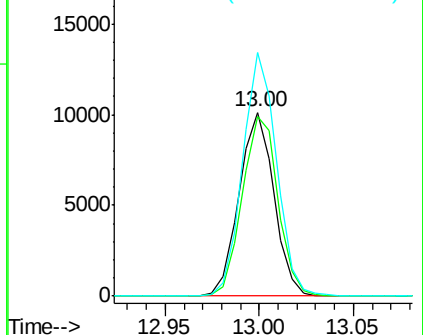
157 128.4 63.8 191.4

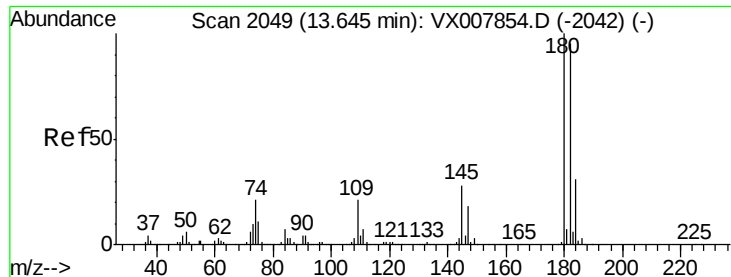


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

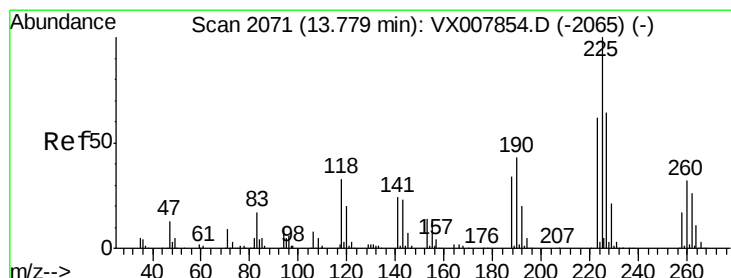
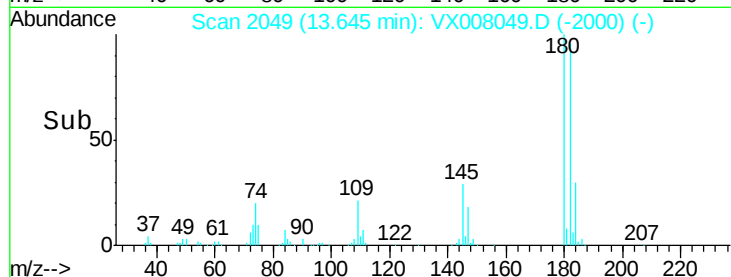
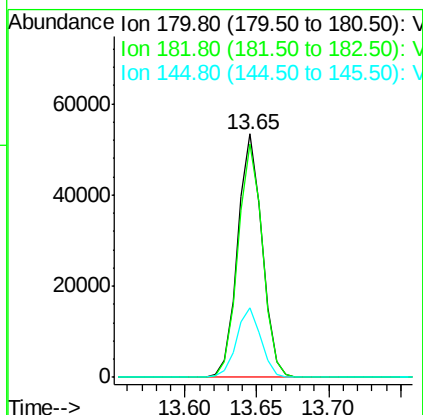
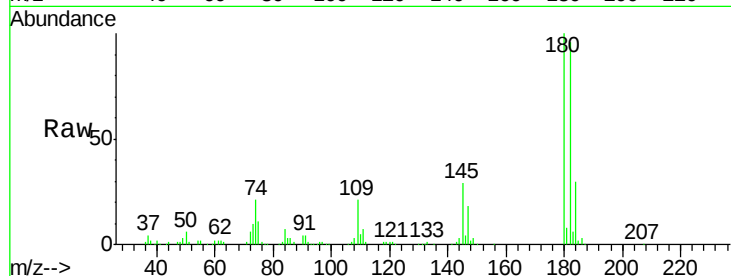




#93
 1,2,4-Trichlorobenzene
 Concen: 18.594 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

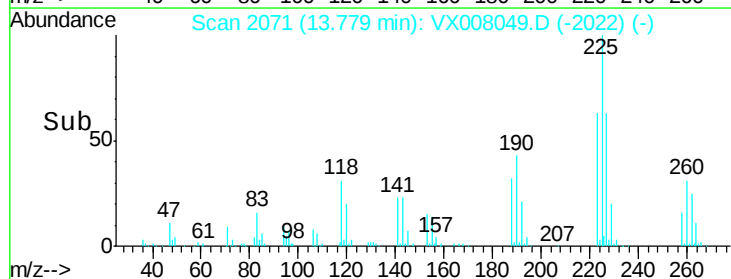
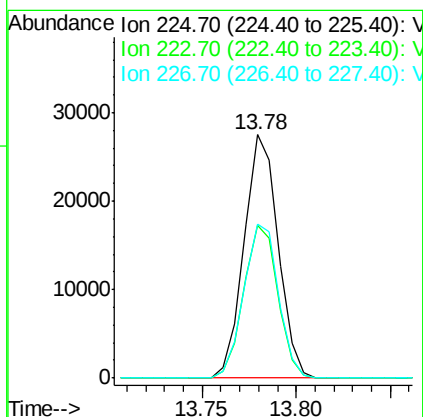
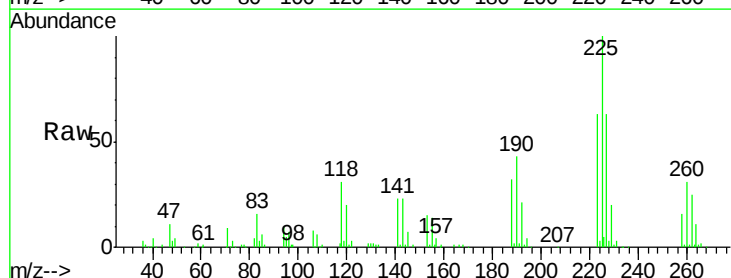
Instrument :
 MSVOA_X
 ClientSampled :
 VX0313WBSD01

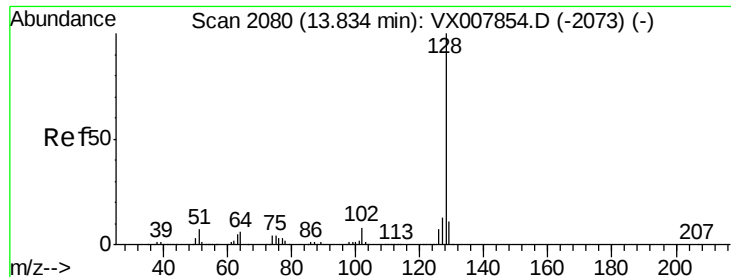
Tot Ion:180 Resp: 63046
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.7
 145 28.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.463 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008049.D
 Acq: 13 Mar 2019 15:18

Tgt Ion:225 Resp: 34502
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.2
 227 64.4 32.0 96.0

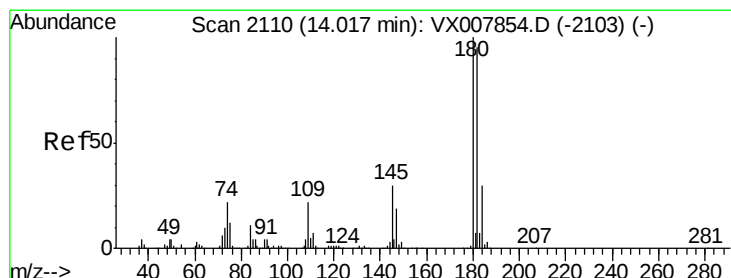
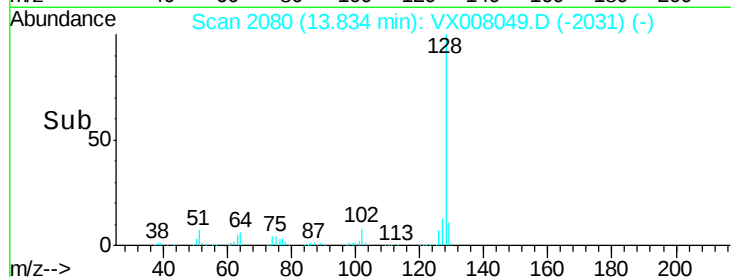
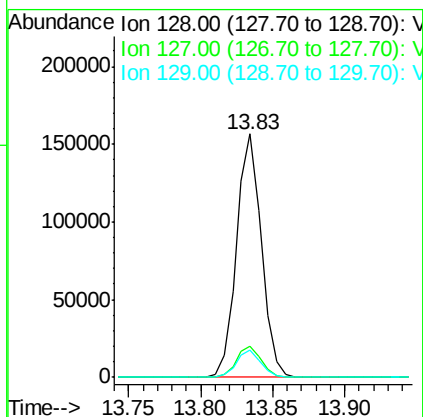
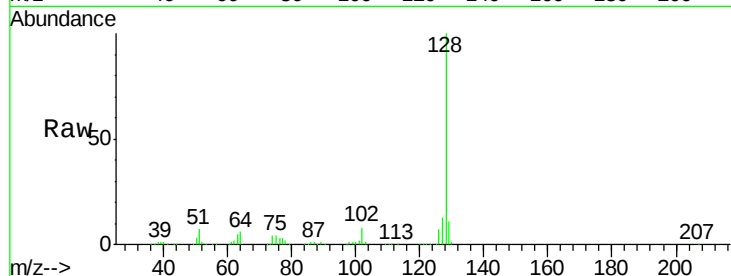




#95
Naphthalene
Concen: 19.271 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion:128 Resp: 188278
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.012 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008049.D
Acq: 13 Mar 2019 15:18

Tgt Ion:180 Resp: 64218
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 30.2 14.8 44.3

