

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000216.D
 Acq On : 08 Mar 2018 11:06
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Quant Time: Mar 08 15:49:43 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	23822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	143087	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	141634	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	57656	31.27	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.23%
60) 4-Bromofluorobenzene	11.15	95	71769	30.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.23%
63) Toluene-d8	8.73	98	181740	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	19322	13.070	ug/l 99
3) Chloromethane	1.32	50	17627	11.896	ug/l 96
4) Vinyl Chloride	1.41	62	22076	12.521	ug/l 96
5) Bromomethane	1.65	94	18580	11.436	ug/l 96
6) Chloroethane	1.73	64	15469	13.707	ug/l 94
7) Trichlorofluoromethane	1.93	101	44939	14.714	ug/l 98
8) Diethyl Ether	2.19	74	16769	15.722	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28514	17.111	ug/l 92
10) 1,1-Dichloroethene	2.38	96	21624	13.585	ug/l 90
11) Methyl Iodide	2.52	142	17581	11.364	ug/l 98
12) Methyl Acetate	2.78	43	63803	22.432	ug/l 96
13) Acrolein	2.30	56	57610	168.308	ug/l 98
14) Acrylonitrile	3.15	53	121255	98.379	ug/l 99
15) Acetone	2.45	58	45102	112.239	ug/l 99
16) Carbon Disulfide	2.58	76	30240	6.643	ug/l 98
17) Allyl chloride	2.73	41	43853	16.160	ug/l 93
18) Methylene Chloride	2.87	84	27422	15.809	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	22293	12.873	ug/l 92
20) Diisopropyl ether	3.88	45	95708	22.335	ug/l 98
21) 1,1-Dichloroethane	3.71	63	51777	18.332	ug/l 99
22) cis-1,2-Dichloroethene	4.61	96	27404	17.032	ug/l 100
23) tert-Butyl Alcohol	3.06	59	73722	104.642	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	102517	18.692	ug/l 98
25) Chloroform	5.22	83	52569	18.772	ug/l 96
26) Cyclohexane	5.59	56	30029	13.560	ug/l # 97
29) 1,1-Dichloropropene	5.81	75	32350	15.525	ug/l 98
30) 2-Butanone	4.71	43	179632	111.993	ug/l 98
31) 2,2-Dichloropropane	4.59	77	39816	17.764	ug/l 98
32) 1,1,1-Trichloroethane	5.51	97	44440	17.626	ug/l 97
33) Carbon Tetrachloride	5.79	117	35419	15.820	ug/l 93
34) Benzene	6.15	78	100263	16.721	ug/l 95
35) Methacrylonitrile	5.07	41	29374	19.890	ug/l 85
36) 1,2-Dichloroethane	6.21	62	43438	19.104	ug/l 100
37) Trichloroethene	7.22	130	29380	16.577	ug/l 97
38) Methylcyclohexane	7.47	83	34733	13.905	ug/l 98
39) 1,2-Dichloropropane	7.53	63	29324	19.589	ug/l 97
40) Dibromomethane	7.67	93	21928	19.012	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	41859	19.094	ug/l	100
42) Vinyl Acetate	3.83	43	437994	107.135	ug/l	99
43) Ethyl Acetate	4.87	43	55340	19.643	ug/l #	85
44) Isopropyl Acetate	6.48	43	83494	20.198	ug/l	96
45) 1,4-Dioxane	7.76	88	18306	352.117	ug/l	98
46) Methyl methacrylate	7.79	41	39668	19.730	ug/l	95
47) n-amyl Acetate	10.91	43	76370	21.161	ug/l	96
48) t-1,3-Dichloropropene	8.45	75	47009	18.420	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	46651	18.784	ug/l	92
50) 1,1,2-Trichloroethane	9.23	97	33093	19.541	ug/l	97
51) Ethyl methacrylate	9.19	69	50568	19.490	ug/l	94
52) 1,3-Dichloropropane	9.38	76	54012	19.885	ug/l	100
53) Dibromochloromethane	9.59	129	34242	18.174	ug/l	98
54) 1,2-Dibromoethane	9.68	107	33845	17.931	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	113383	100.081	ug/l	98
56) Bromoform	10.87	173	26466	17.344	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	336939	108.610	ug/l	98
59) 2-Hexanone	9.51	43	291584	110.997	ug/l	98
61) Tetrachloroethene	9.34	164	26730	15.543	ug/l	94
62) Toluene	8.79	91	124190	16.853	ug/l	100
64) Chlorobenzene	10.15	112	89548	17.983	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	32505	18.429	ug/l	98
66) Ethyl Benzene	10.26	91	151823	18.050	ug/l	96
67) m/p-Xylenes	10.37	106	115519	35.033	ug/l	97
68) o-Xylene	10.71	106	59134	18.463	ug/l	100
69) Styrene	10.72	104	98321	18.531	ug/l	98
70) Isopropylbenzene	11.02	105	161505	18.654	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	62933	21.125	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	73591	27.539	ug/l	83
73) Bromobenzene	11.26	156	42271	18.623	ug/l	95
74) n-propylbenzene	11.37	91	198288	19.539	ug/l	99
75) 2-Chlorotoluene	11.43	91	111747	19.153	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	139673	19.036	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	17172	18.172	ug/l	90
78) 4-Chlorotoluene	11.52	91	136371	19.510	ug/l	99
79) tert-butylbenzene	12.07	119	161024	22.049	ug/l	95
80) 1,2,4-Trimethylbenzene	11.82	105	147460	19.702	ug/l	96
81) sec-Butylbenzene	11.96	105	182296	20.193	ug/l	99
82) p-Isopropyltoluene	12.07	119	161024	19.994	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	83527	19.328	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	86480	19.201	ug/l	99
85) n-Butylbenzene	12.40	91	157659	20.872	ug/l	99
86) Hexachloroethane	12.60	117	25586	19.019	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	84262	19.676	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18428	22.122	ug/l	88
89) 1,2,4-Trichlorobenzene	13.66	180	61745	19.631	ug/l	99
90) Hexachlorobutadiene	13.79	225	25962	19.159	ug/l	97
91) Naphthalene	13.84	128	221000	20.107	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	61147	19.337	ug/l	99

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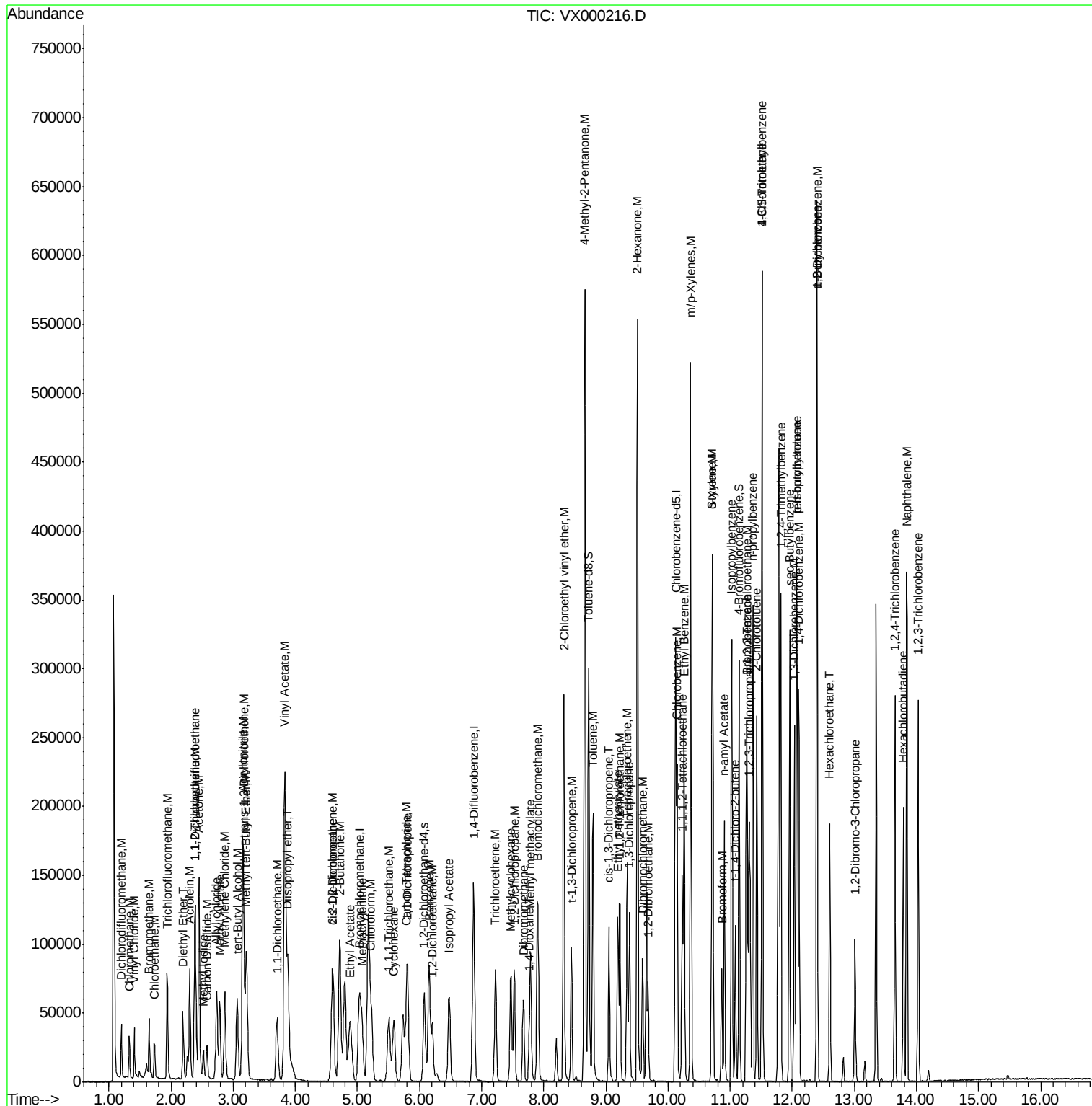
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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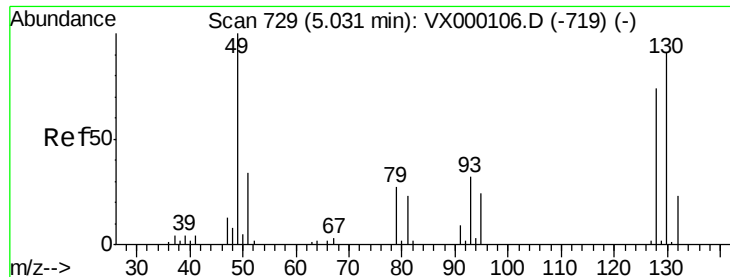
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 08 15:49:43 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

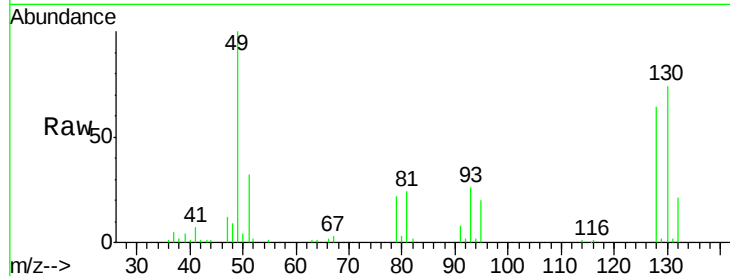
Tot Ion:128 Resp: 23822

Ion Ratio Lower Upper

128 100

49 163.0 0.0 378.3

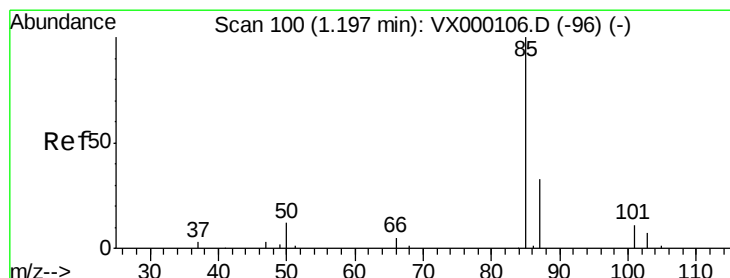
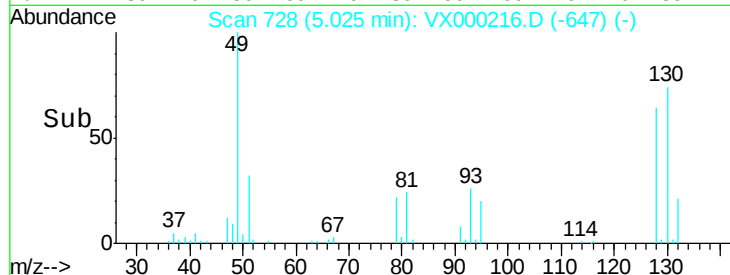
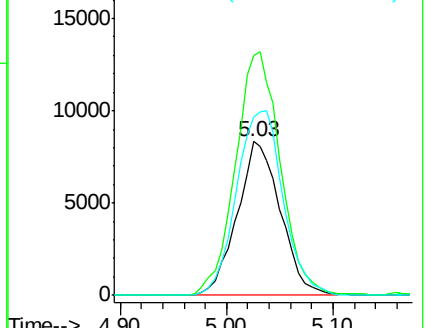
130 128.9 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 13.070 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000216.D

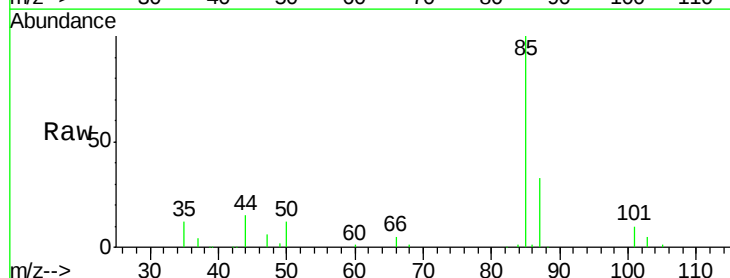
Acq: 08 Mar 2018 11:06

Tgt Ion: 85 Resp: 19322

Ion Ratio Lower Upper

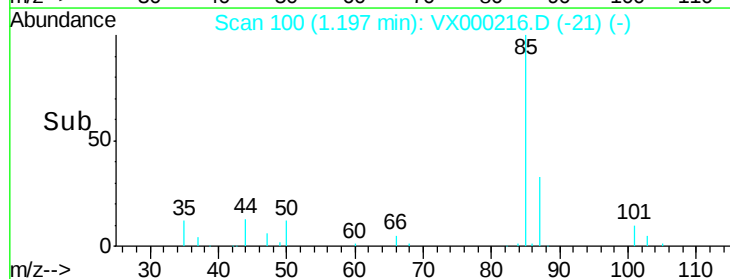
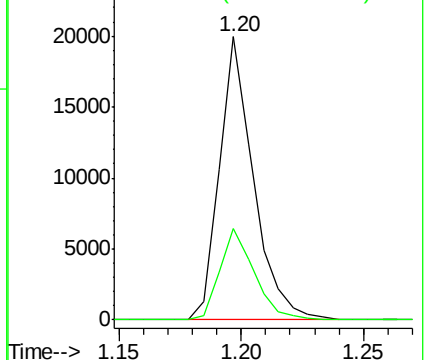
85 100

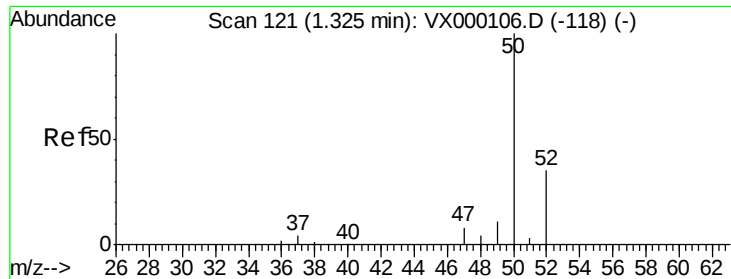
87 32.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 11.896 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

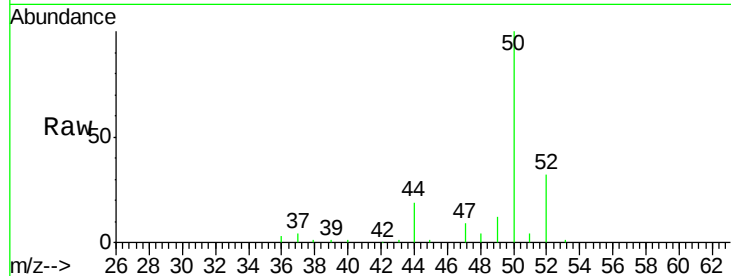
VX0308WBS01

Tot Ion: 50 Resp: 17627

Ion Ratio Lower Upper

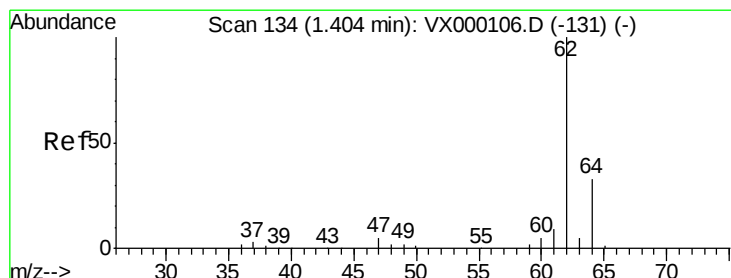
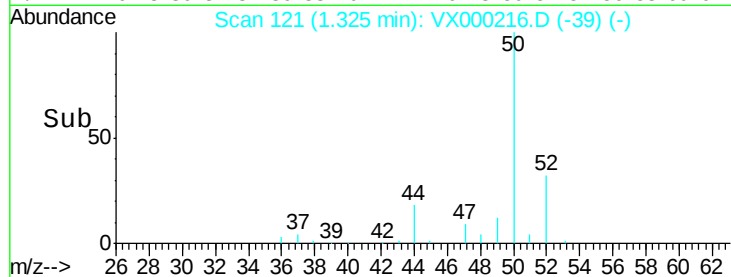
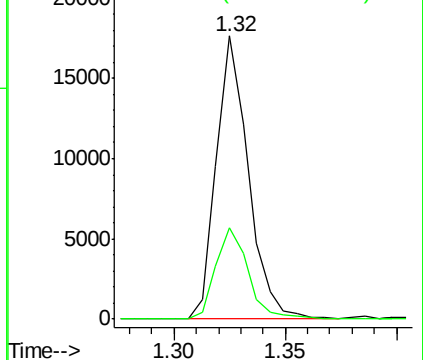
50 100

52 32.2 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 12.521 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000216.D

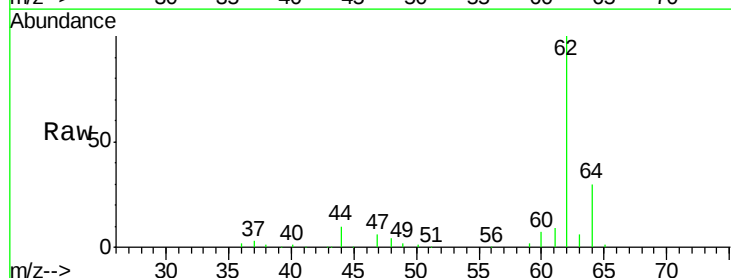
Acq: 08 Mar 2018 11:06

Tgt Ion: 62 Resp: 22076

Ion Ratio Lower Upper

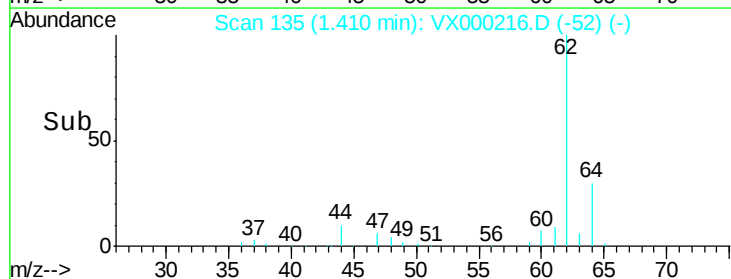
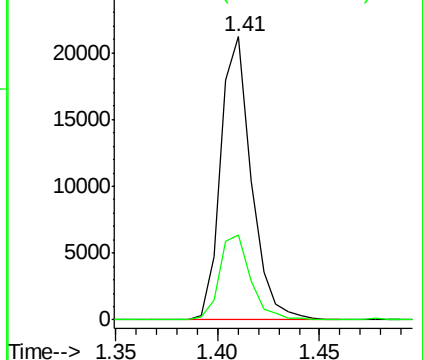
62 100

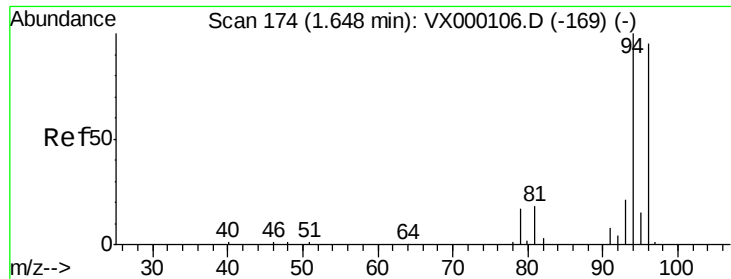
64 30.1 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 11.436 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

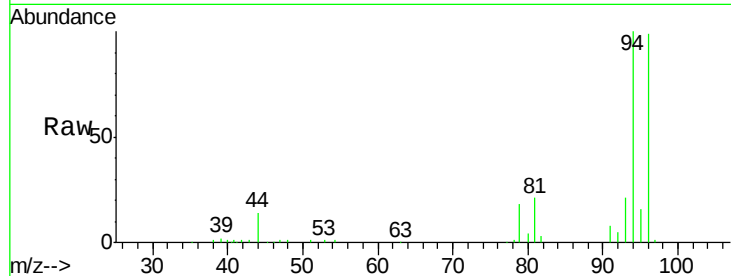
VX0308WBS01

Tot Ion: 94 Resp: 18580

Ion Ratio Lower Upper

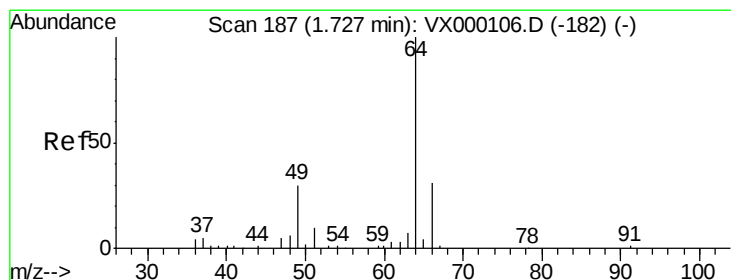
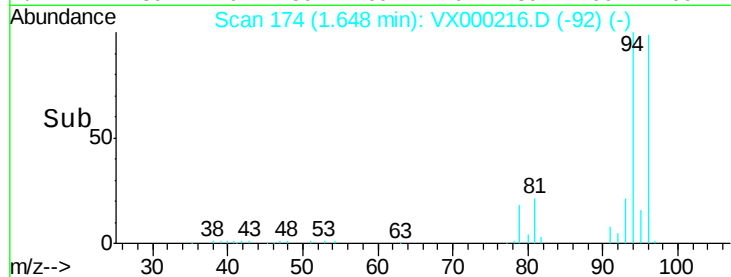
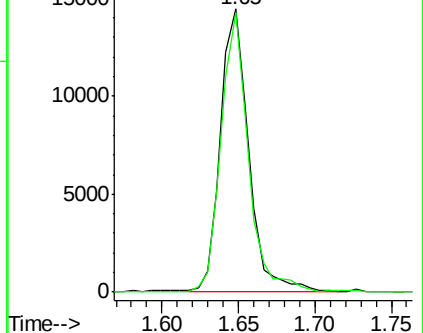
94 100

96 98.7 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 13.707 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000216.D

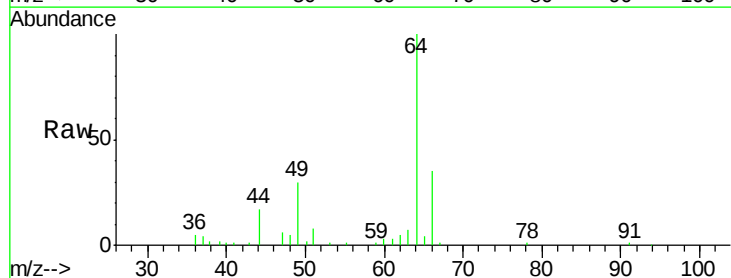
Acq: 08 Mar 2018 11:06

Tgt Ion: 64 Resp: 15469

Ion Ratio Lower Upper

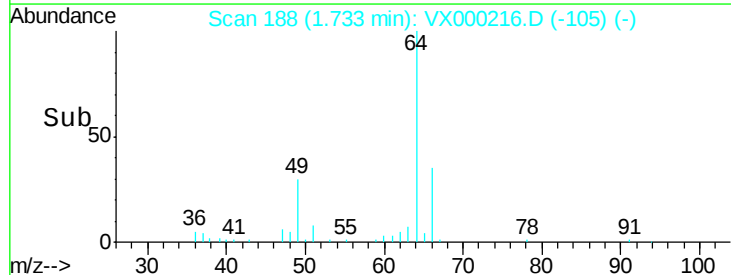
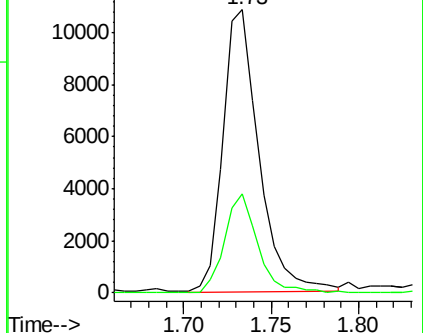
64 100

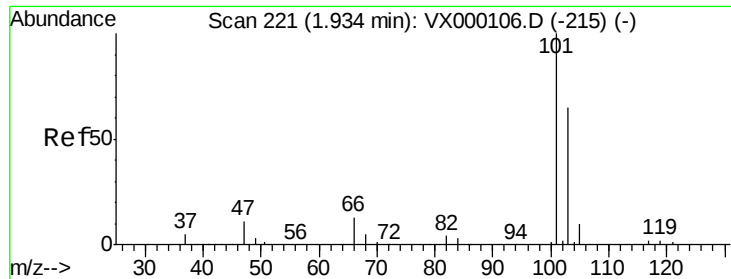
66 35.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



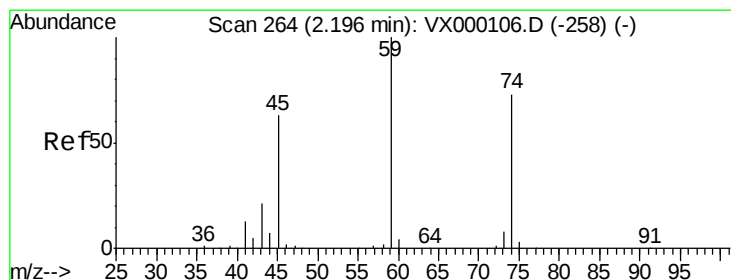
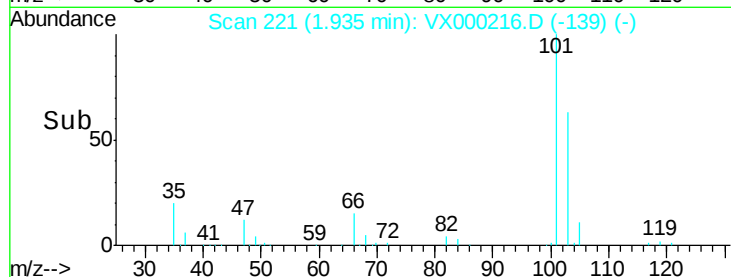
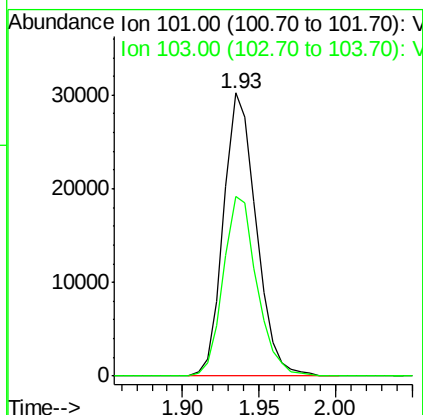
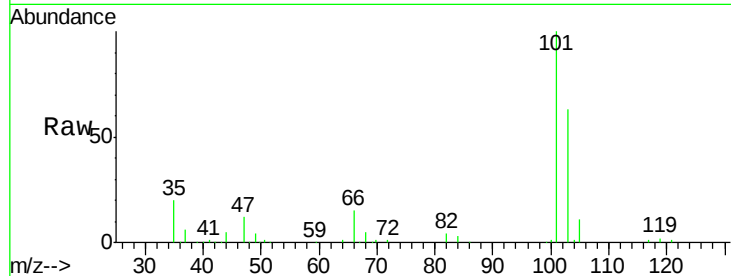


#7

Trichlorofluoromethane
Concen: 14.714 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
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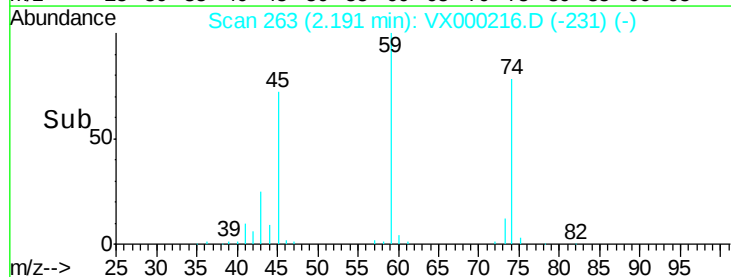
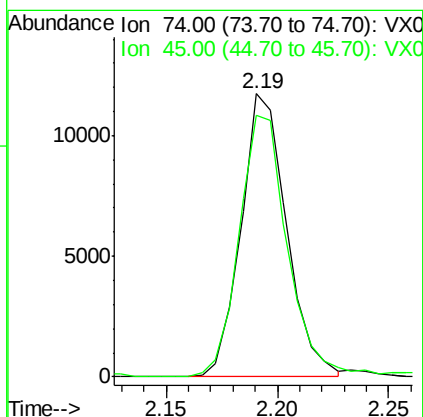
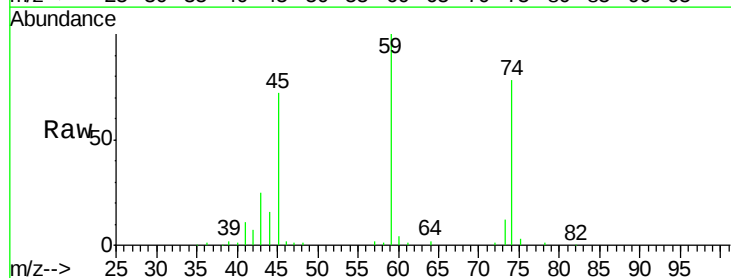
Tot Ion:101 Resp: 44939
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

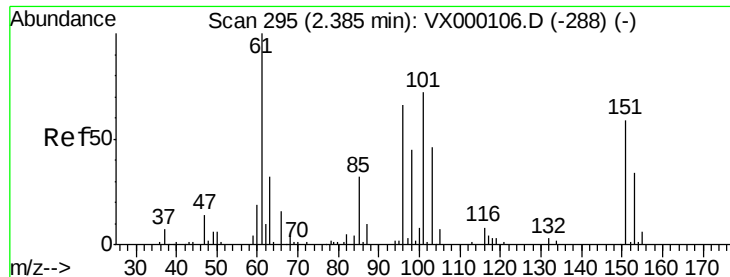


#8

Diethyl Ether
Concen: 15.722 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 74 Resp: 16769
Ion Ratio Lower Upper
74 100
45 98.2 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.111 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000216.D

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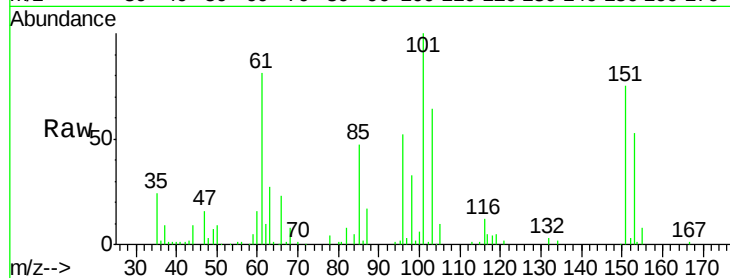
Tot Ion:101 Resp: 28514

Ion Ratio Lower Upper

101 100

85 48.7 0.0 90.4

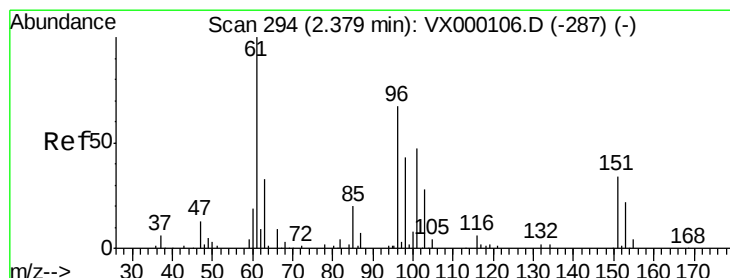
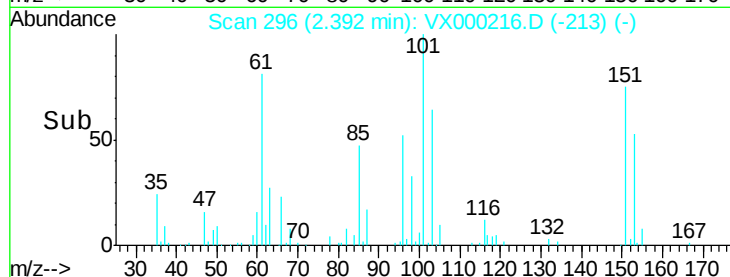
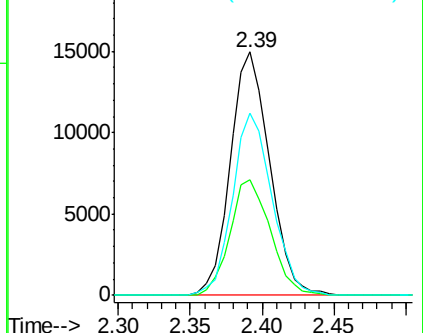
151 75.0 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 13.585 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

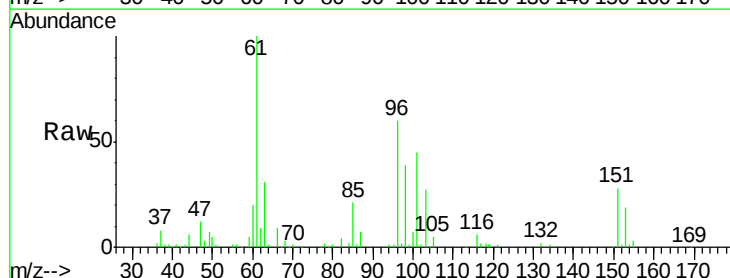
Tgt Ion: 96 Resp: 21624

Ion Ratio Lower Upper

96 100

61 165.7 118.6 178.0

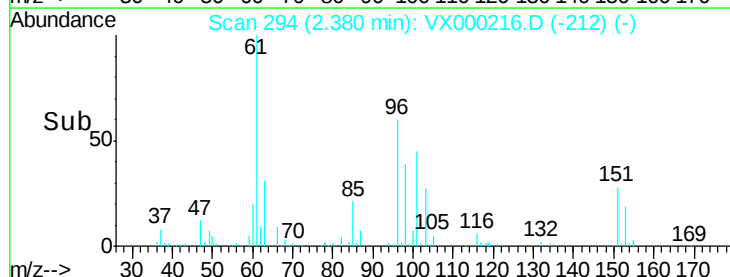
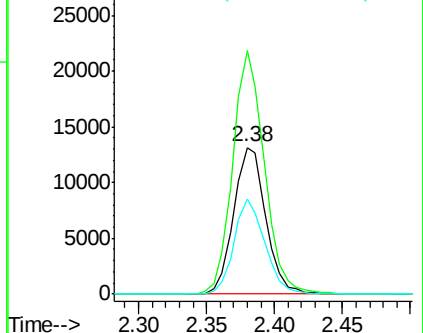
98 64.6 51.0 76.6

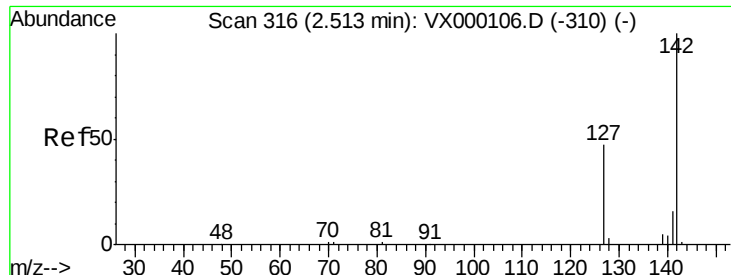


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

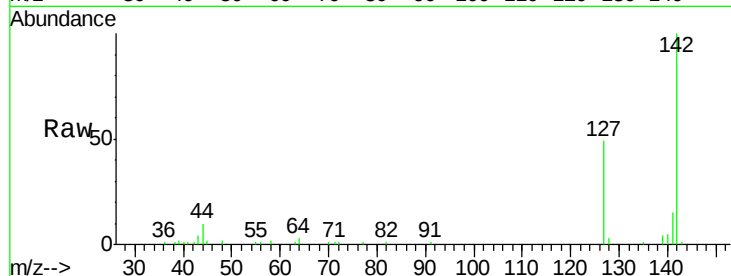




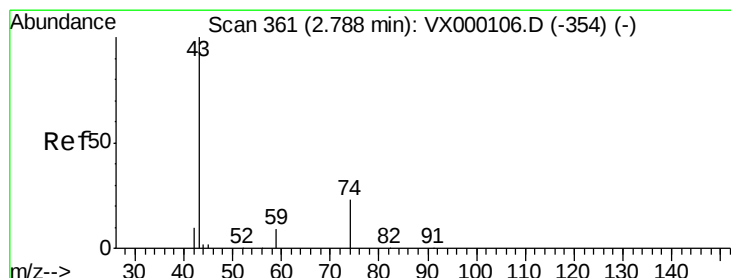
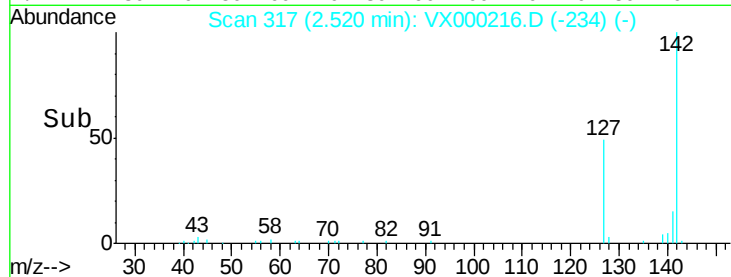
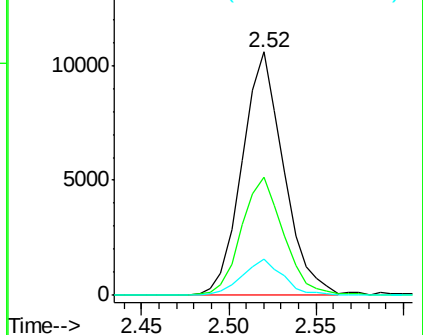
#11
Methyl Iodide
Concen: 11.364 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion:142 Resp: 17581
Ion Ratio Lower Upper
142 100
127 48.5 23.8 71.5
141 15.2 8.2 24.4

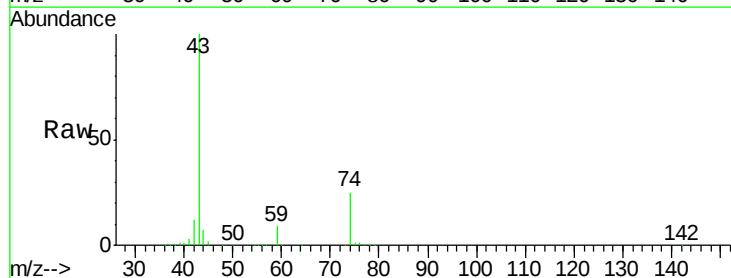


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

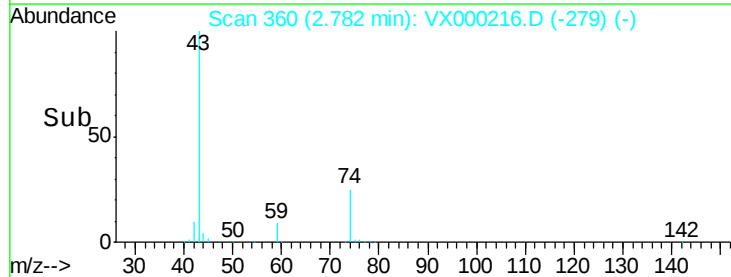
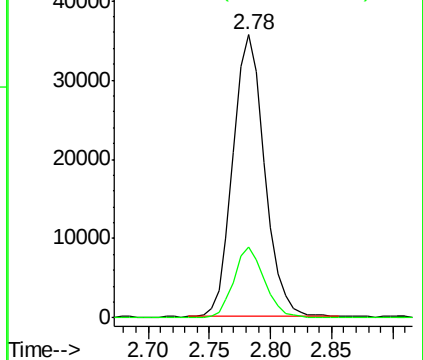


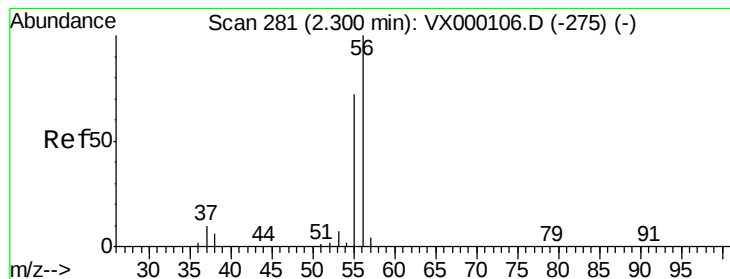
#12
Methyl Acetate
Concen: 22.432 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 43 Resp: 63803
Ion Ratio Lower Upper
43 100
74 25.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 168.308 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

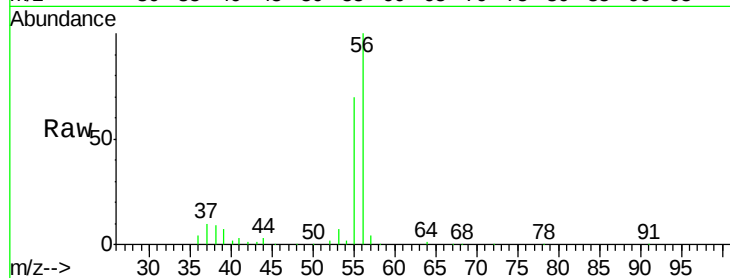
VX0308WBS01

Tot Ion: 56 Resp: 57610

Ion Ratio Lower Upper

56 100

55 70.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

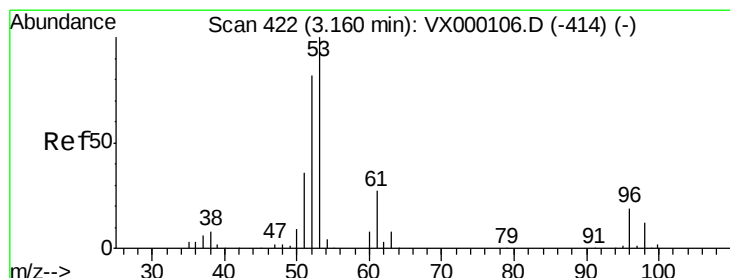
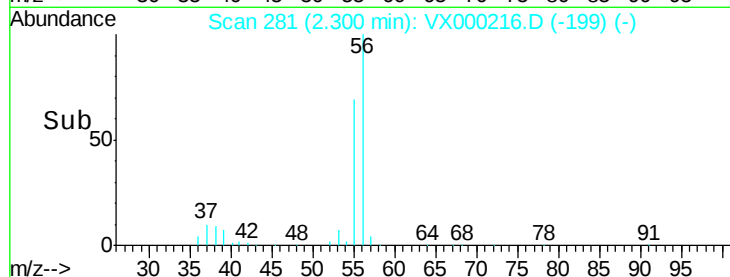
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 98.379 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

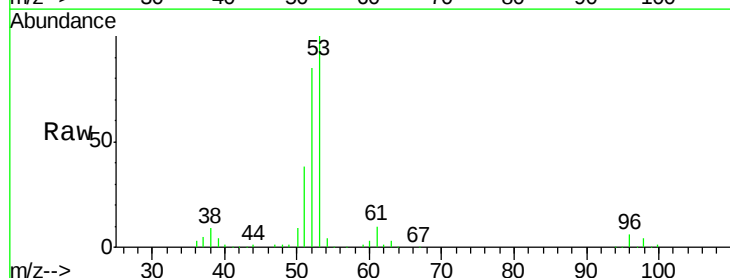
Tgt Ion: 53 Resp: 121255

Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.8

51 36.5 18.8 56.3



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

80000

60000

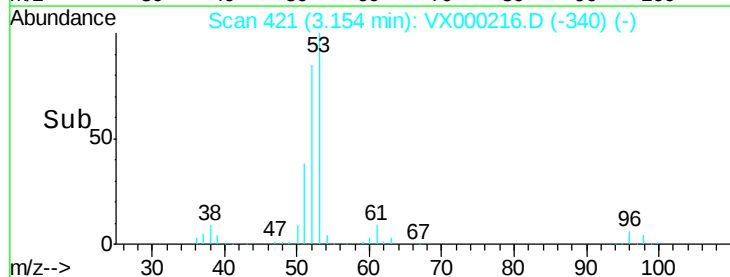
40000

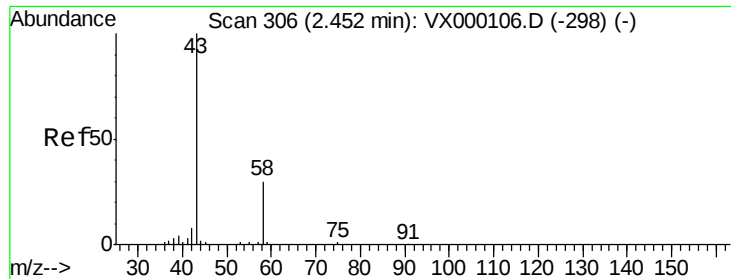
20000

0

Time-->

3.05 3.10 3.15 3.20





#15

Acetone

Concen: 112.239 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

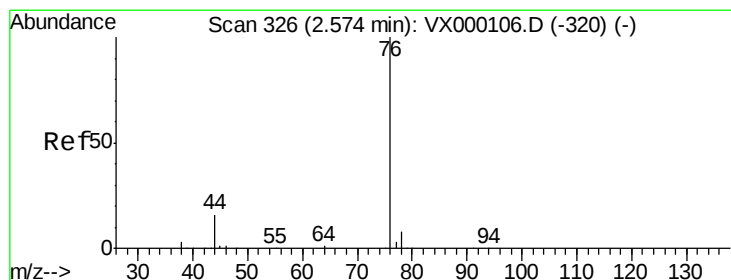
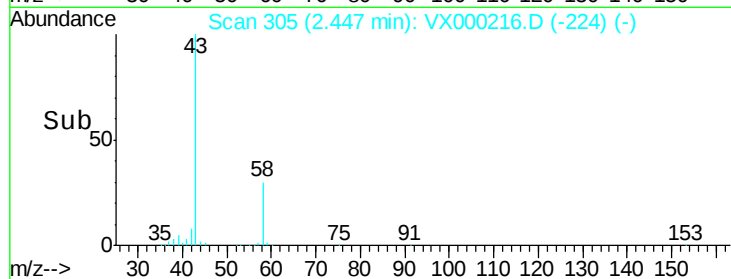
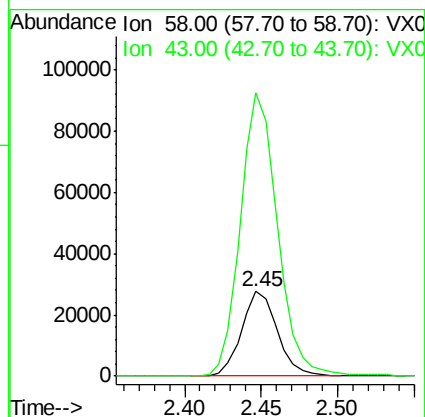
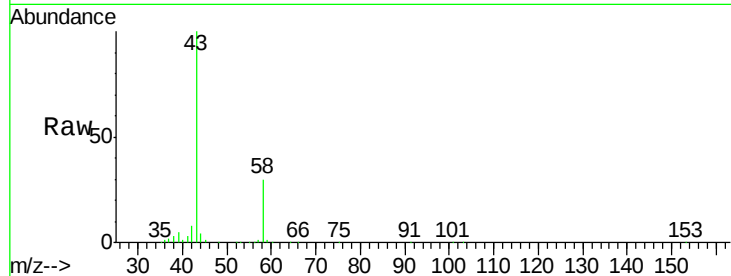
VX0308WBS01

Tot Ion: 58 Resp: 45102

Ion Ratio Lower Upper

58 100

43 333.6 264.6 396.8



#16

Carbon Disulfide

Concen: 6.643 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000216.D

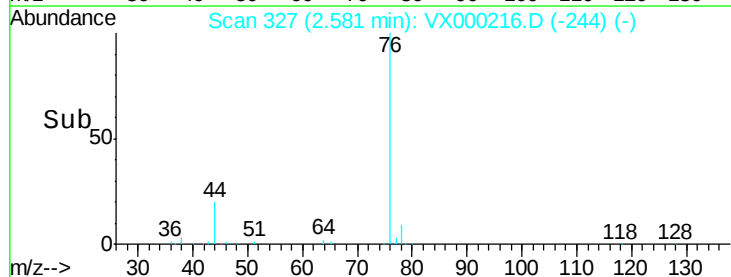
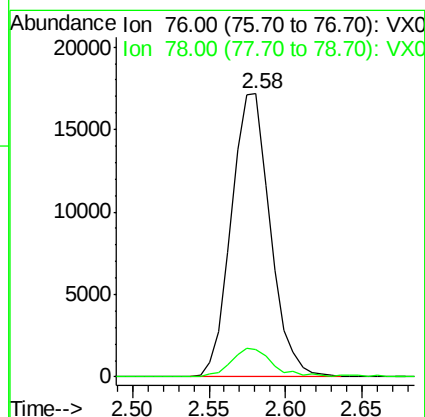
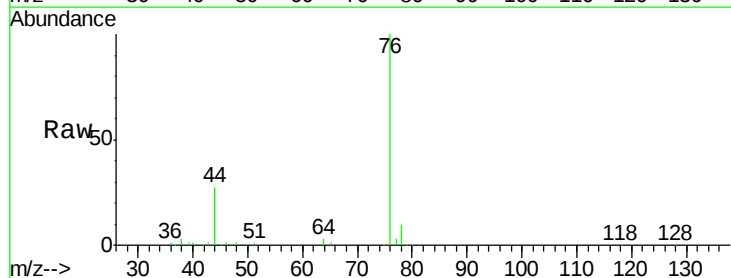
Acq: 08 Mar 2018 11:06

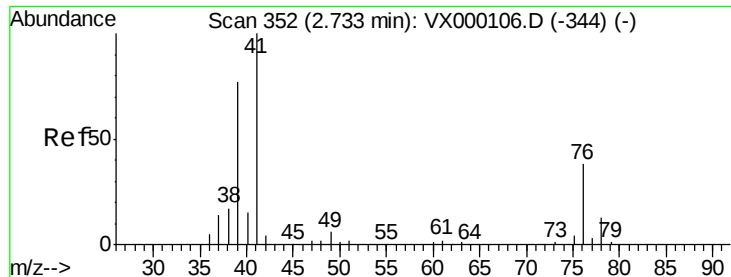
Tgt Ion: 76 Resp: 30240

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

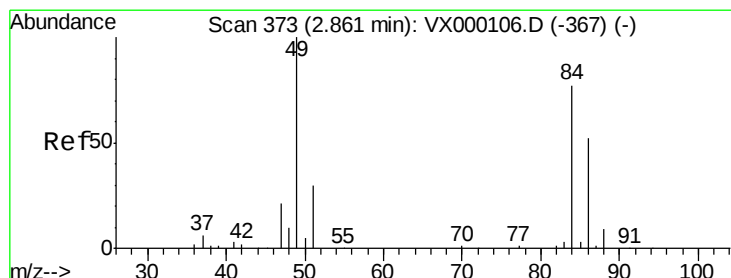
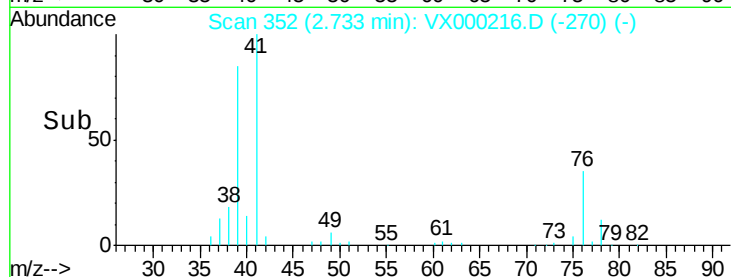
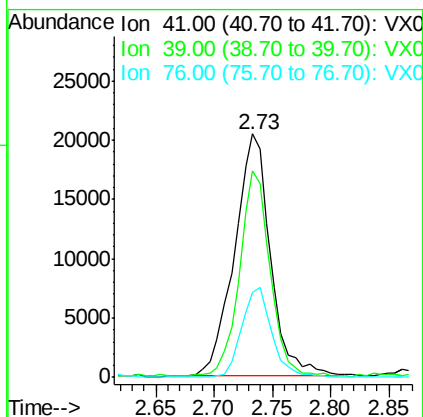
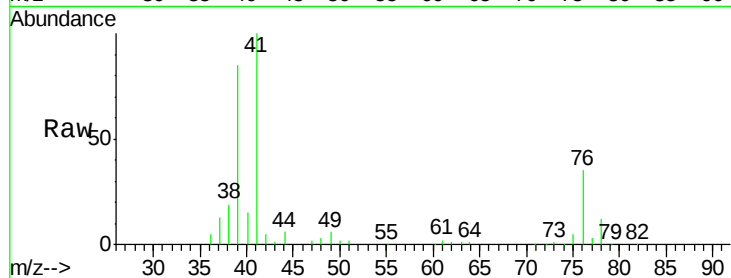




#17
Allvl chloride
Concen: 16.160 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

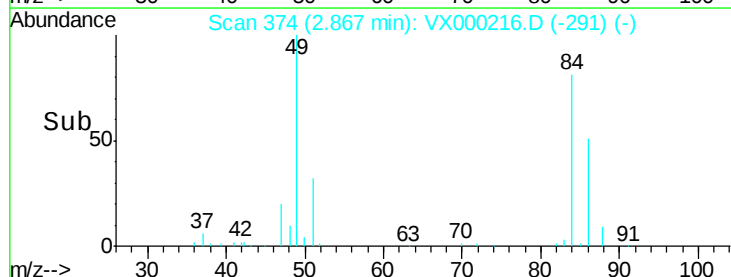
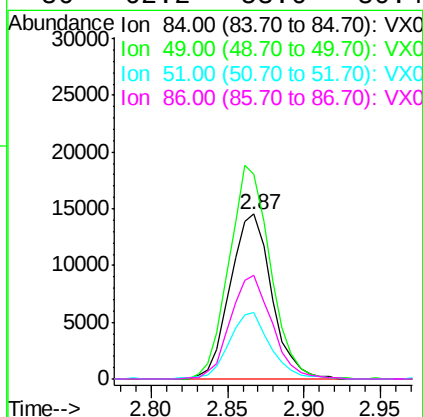
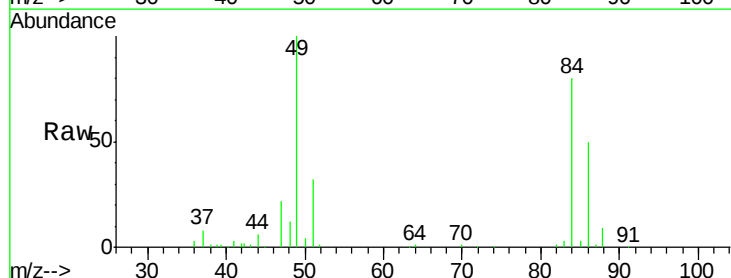
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

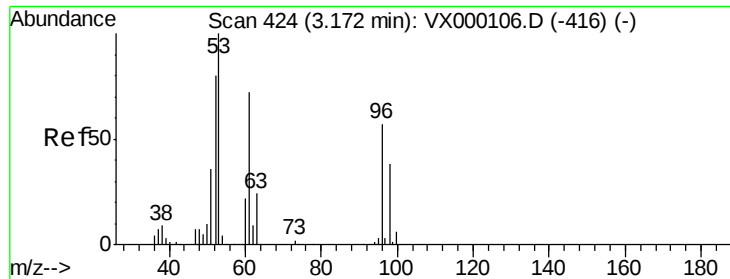
Tot Ion: 41 Resp: 43853
Ion Ratio Lower Upper
41 100
39 84.8 38.5 115.5
76 35.0 18.7 56.1



#18
Methylene Chloride
Concen: 15.809 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 84 Resp: 27422
Ion Ratio Lower Upper
84 100
49 124.4 103.3 154.9
51 39.6 31.2 46.8
86 62.2 53.6 80.4

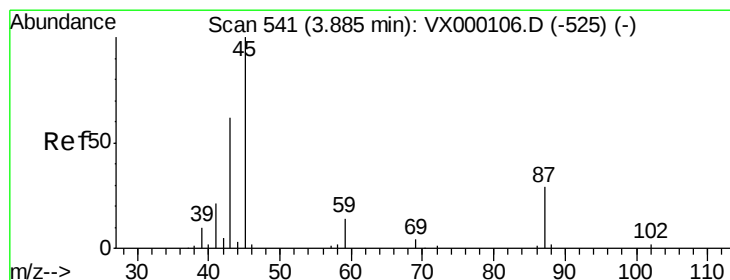
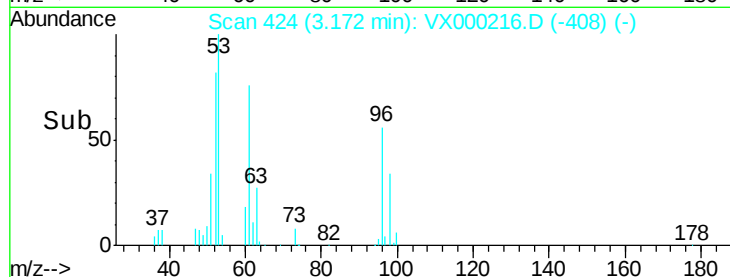
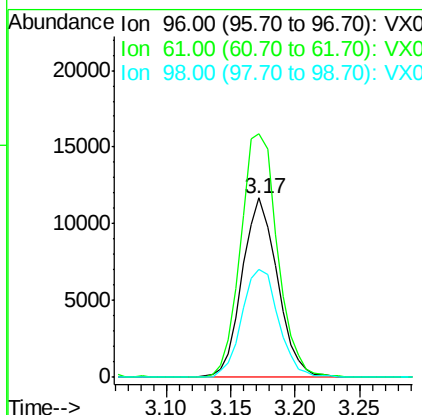
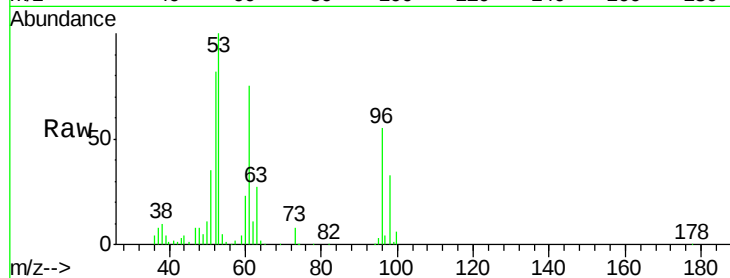




#19
trans-1,2-Dichloroethene
Concen: 12.873 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

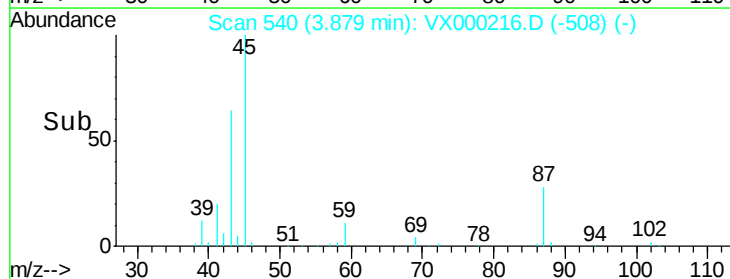
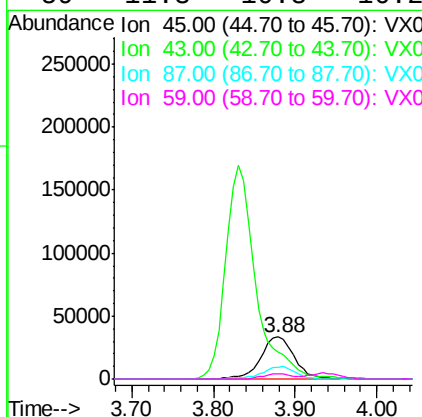
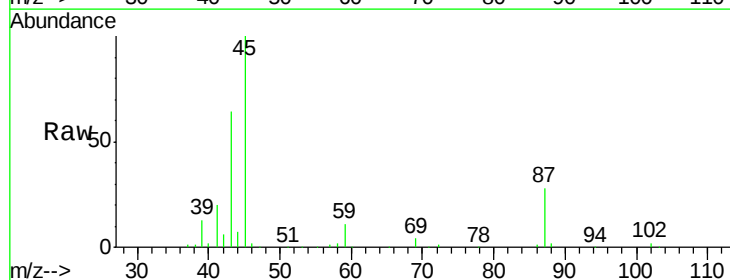
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

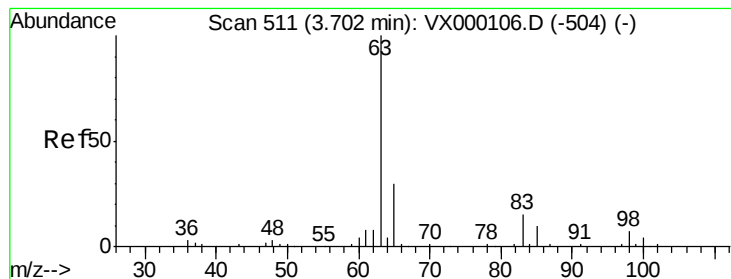
Tot Ion: 96 Resp: 22293
Ion Ratio Lower Upper
96 100
61 135.9 101.0 151.6
98 60.2 53.3 79.9



#20
Diisopropyl ether
Concen: 22.335 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 45 Resp: 95708
Ion Ratio Lower Upper
45 100
43 63.6 49.6 74.4
87 28.4 23.1 34.7
59 11.3 10.8 16.2





#21

1,1-Dichloroethane

Concen: 18.332 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

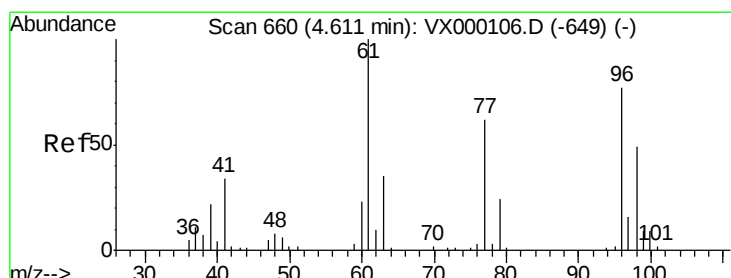
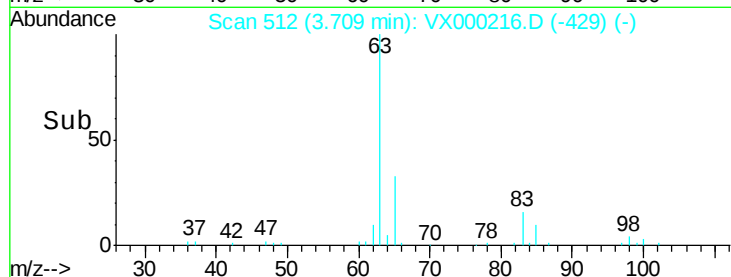
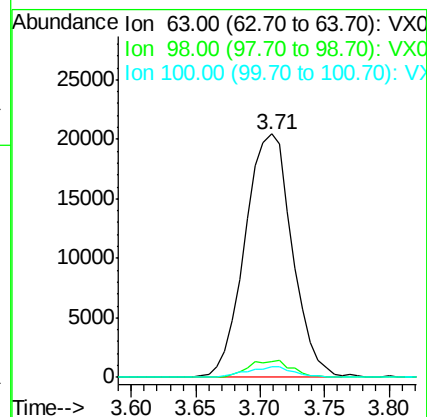
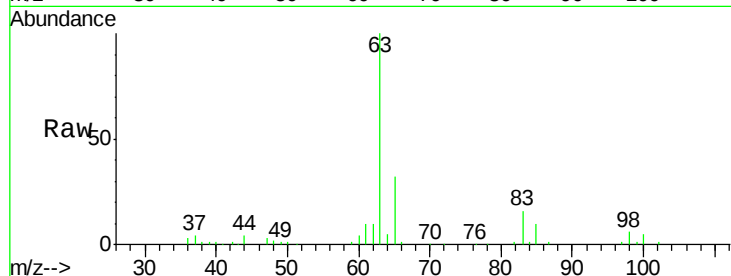
Tot Ion: 63 Resp: 51777

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.5 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 17.032 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

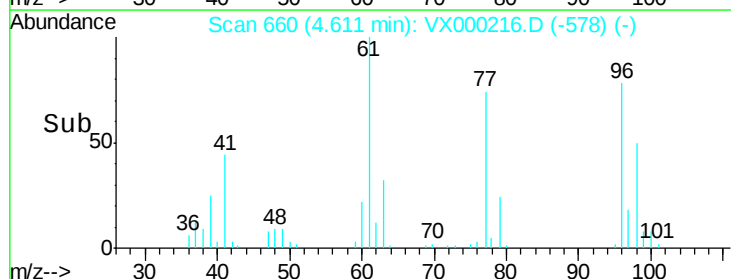
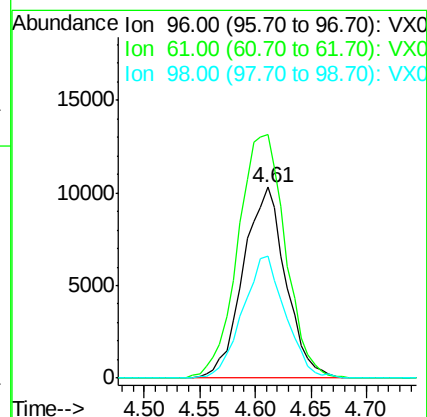
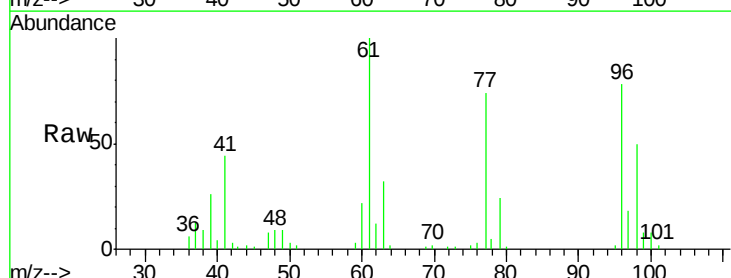
Tgt Ion: 96 Resp: 27404

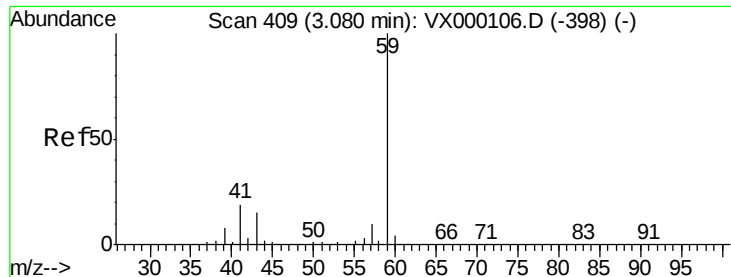
Ion Ratio Lower Upper

96 100

61 142.0 113.5 170.3

98 64.4 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 104.642 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

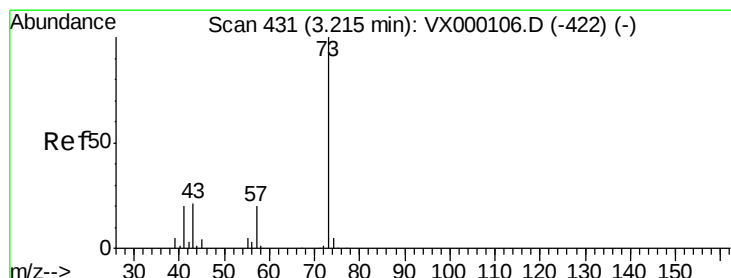
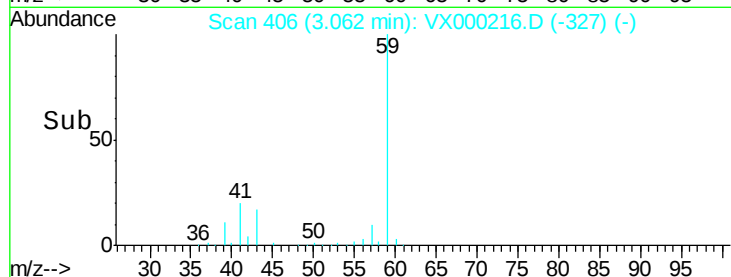
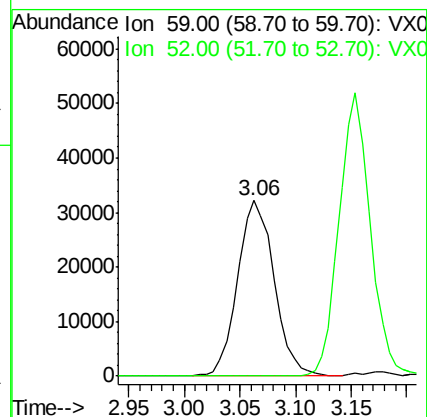
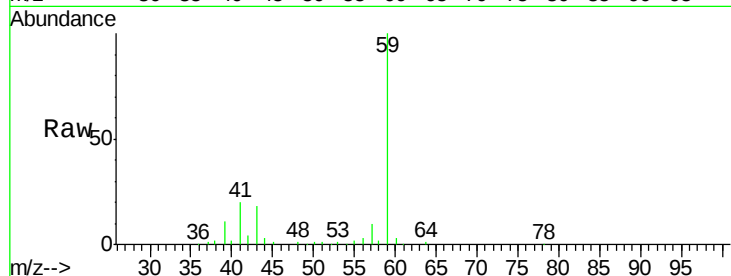
VX0308WBS01

Tot Ion: 59 Resp: 73722

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.692 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000216.D

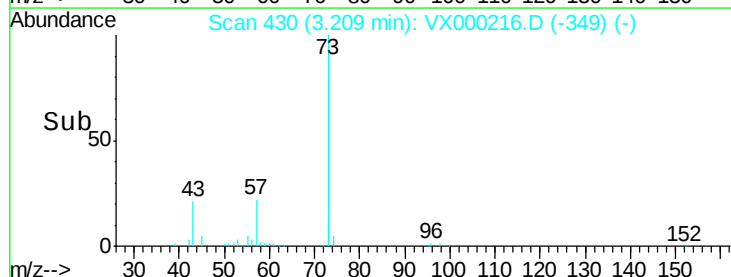
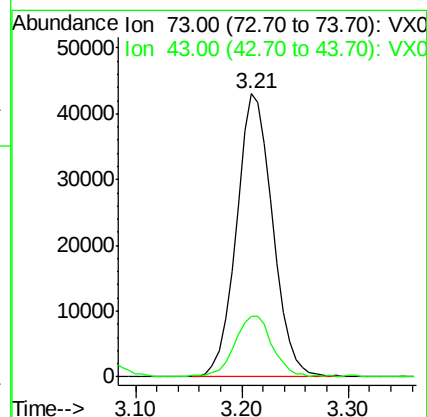
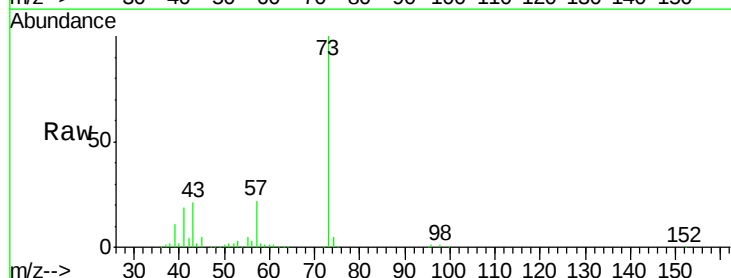
Acq: 08 Mar 2018 11:06

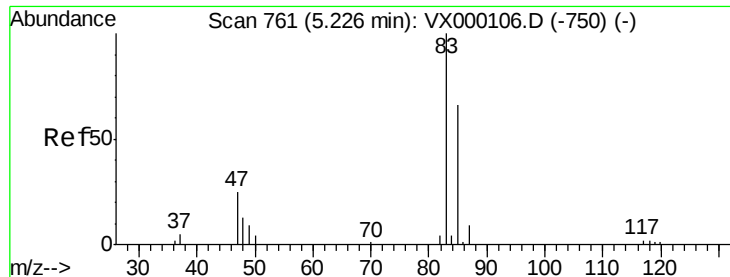
Tgt Ion: 73 Resp: 102517

Ion Ratio Lower Upper

73 100

43 21.7 16.5 24.7

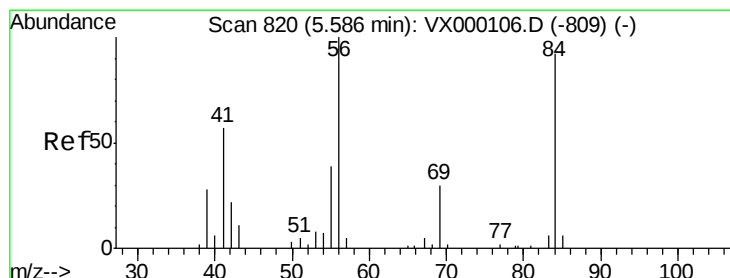
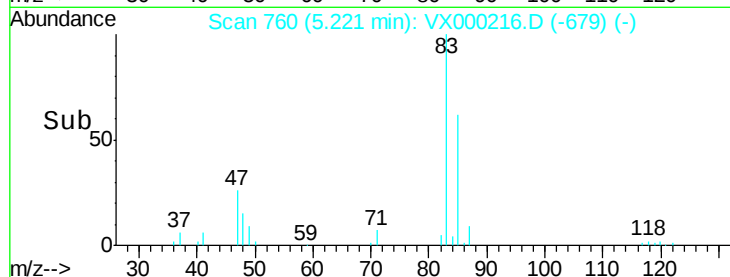
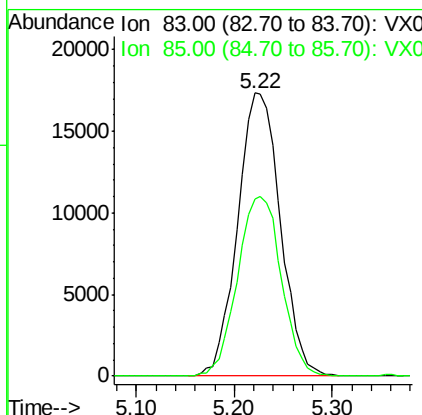
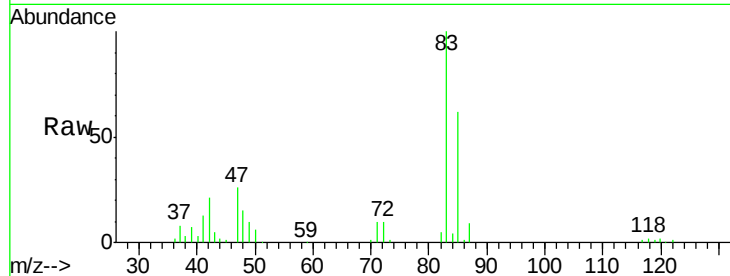




#25
Chloroform
Concen: 18.772 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

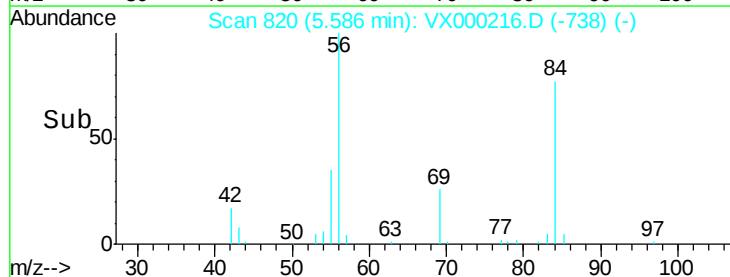
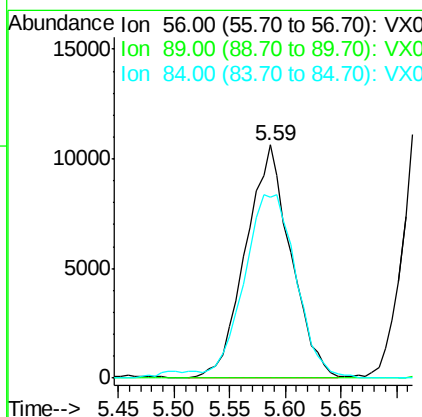
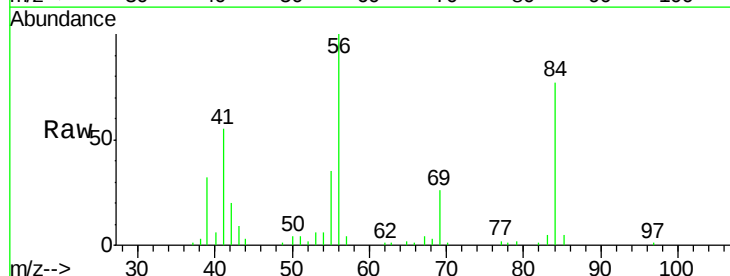
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

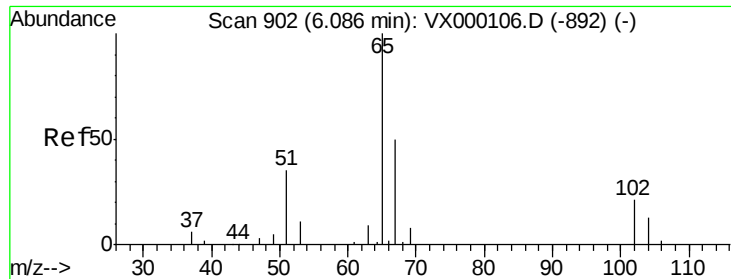
Tot Ion: 83 Resp: 52569
Ion Ratio Lower Upper
83 100
85 62.5 52.5 78.7



#26
Cyclohexane
Concen: 13.560 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 56 Resp: 30029
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.4 74.8 112.2

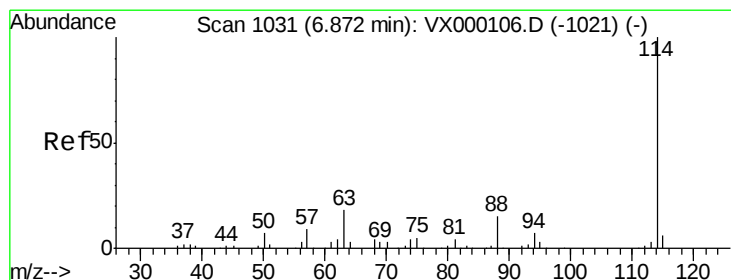
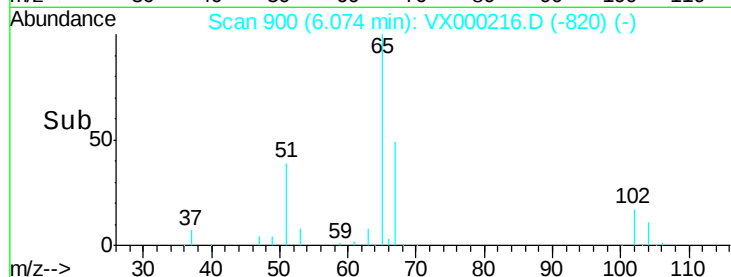
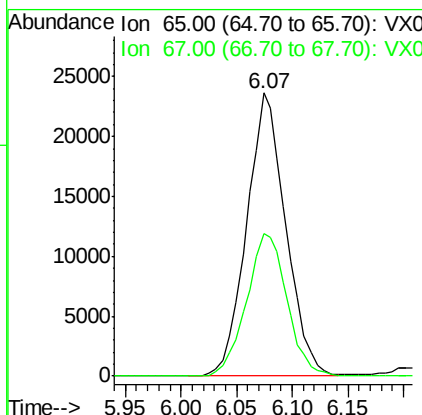
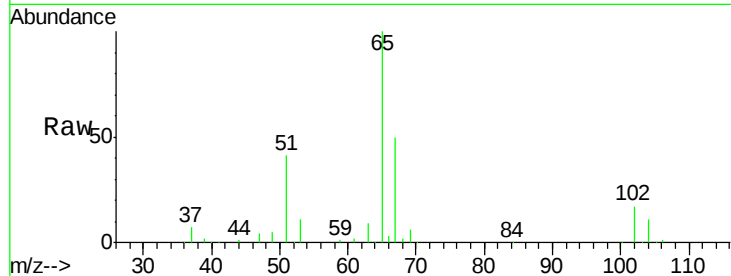




#27
 1,2-Dichloroethane-d4
 Concen: 31.273 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

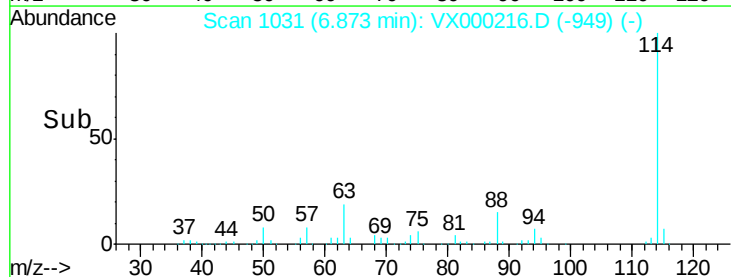
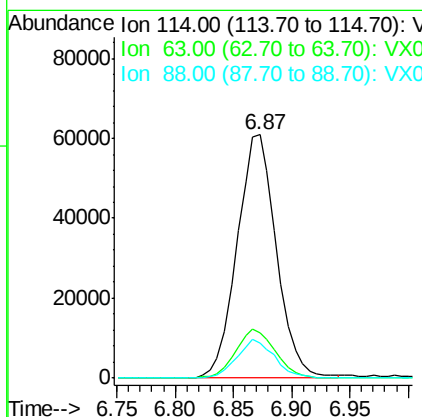
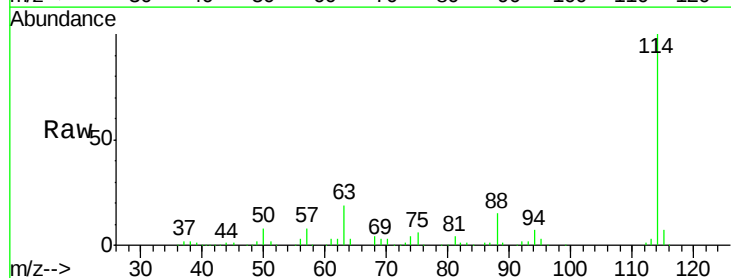
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

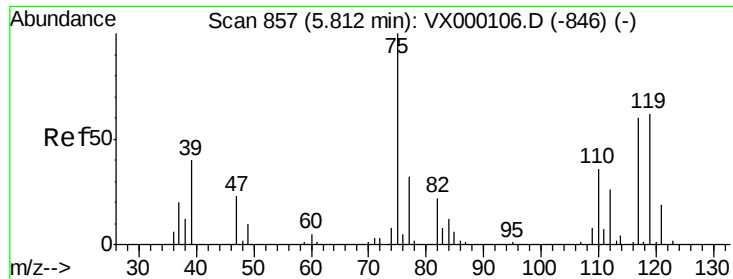
Tot Ion: 65 Resp: 57656
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 114 Resp: 143087
 Ion Ratio Lower Upper
 114 100
 63 20.2 15.0 22.4
 88 15.2 11.8 17.8

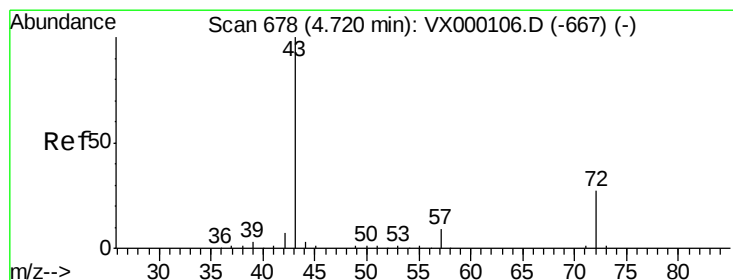
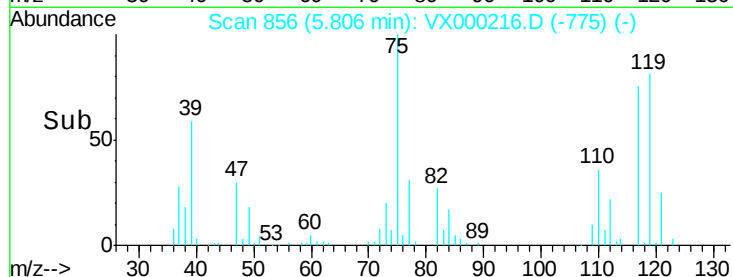
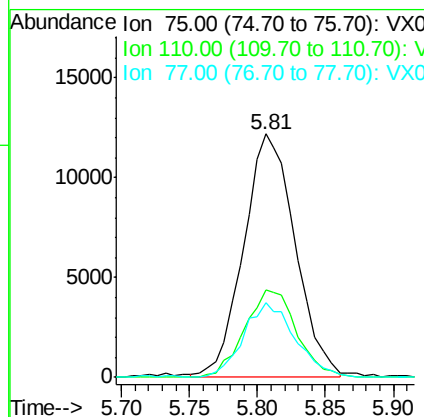
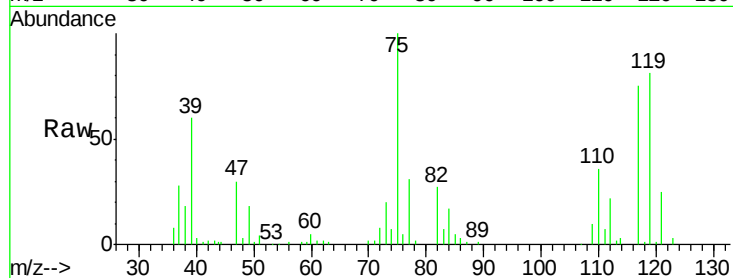




#29
 1,1-Dichloropropene
 Concen: 15.525 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

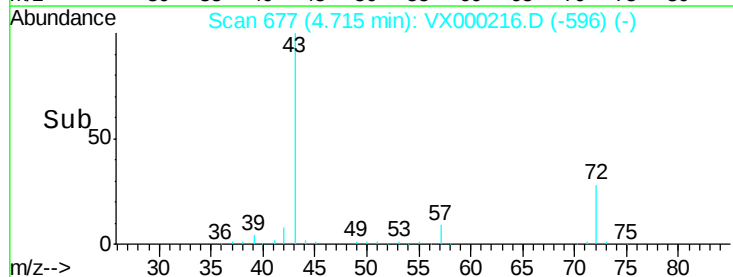
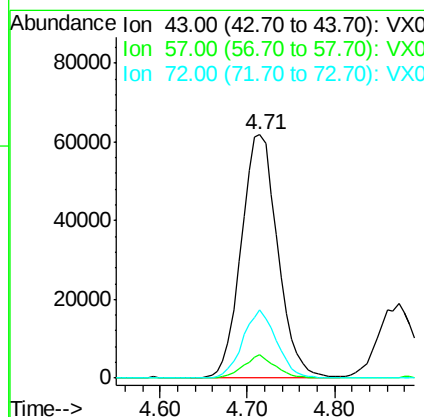
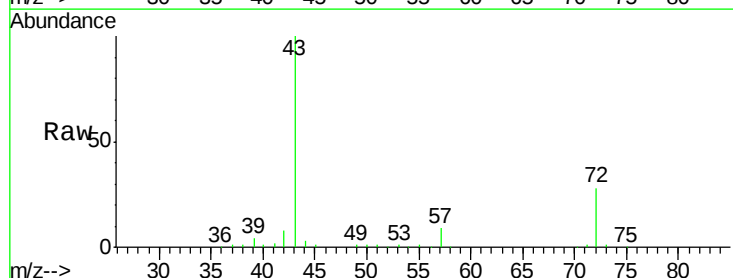
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

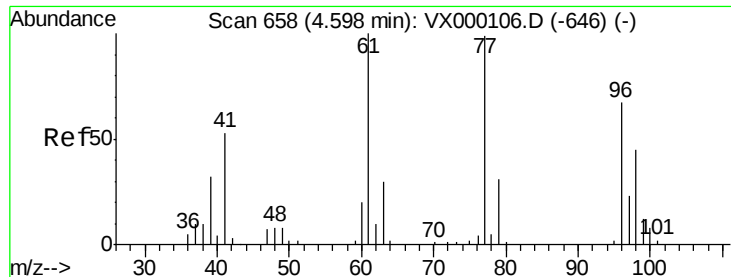
Tot Ion: 75 Resp: 32350
 Ion Ratio Lower Upper
 75 100
 110 36.1 0.0 75.6
 77 30.6 0.0 62.6



#30
 2-Butanone
 Concen: 111.993 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 43 Resp: 179632
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.6 10.0
 72 25.9 21.8 32.6

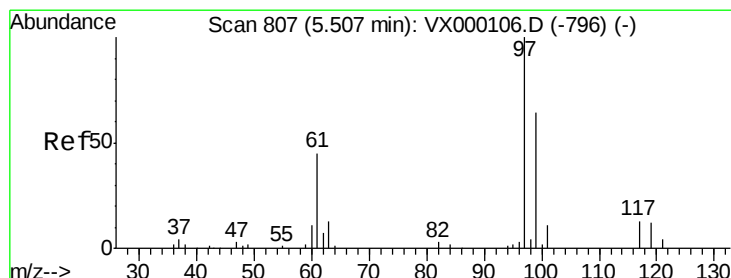
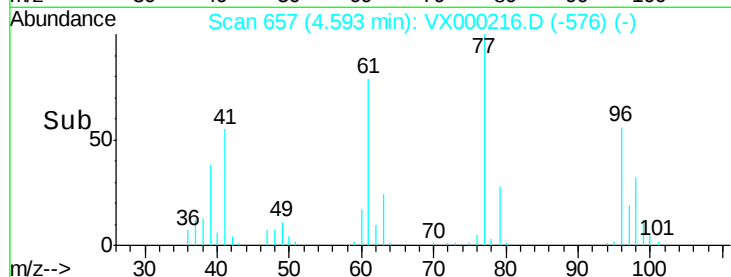
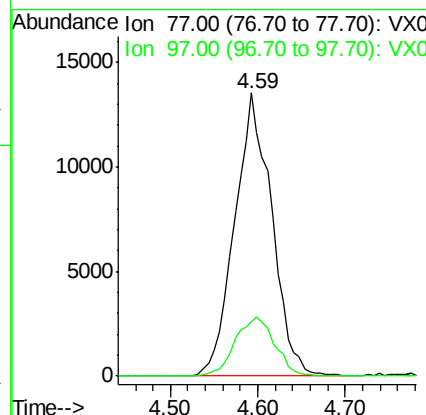
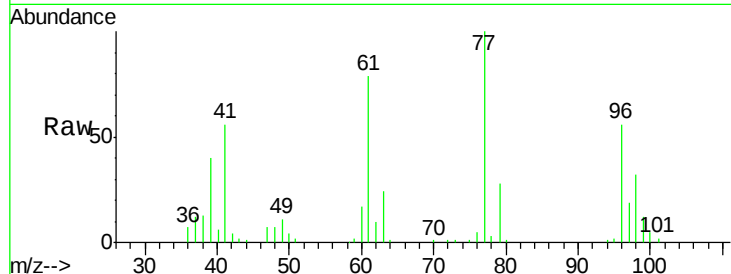




#31
 2,2-Dichloropropane
 Concen: 17.764 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

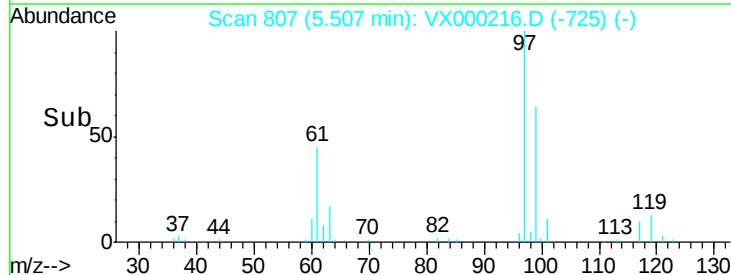
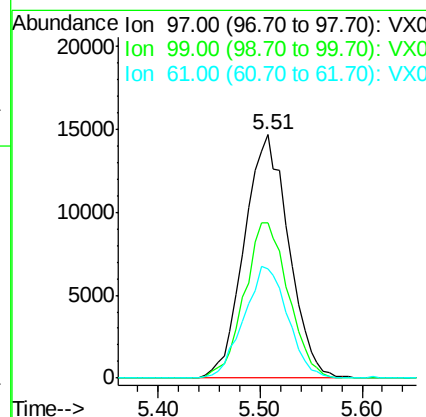
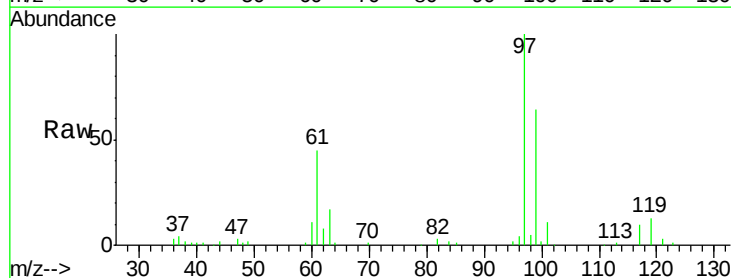
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion: 77 Resp: 39816
 Ion Ratio Lower Upper
 77 100
 97 22.3 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 17.626 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 97 Resp: 44440
 Ion Ratio Lower Upper
 97 100
 99 63.0 52.3 78.5
 61 45.2 34.3 51.5

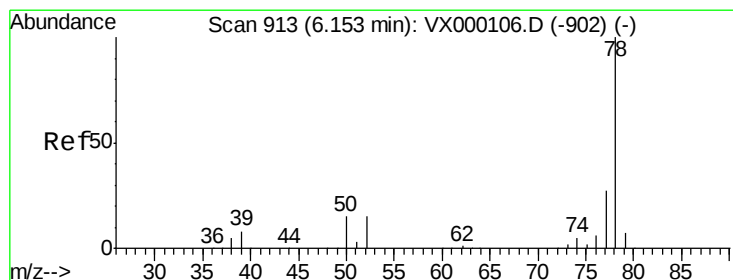
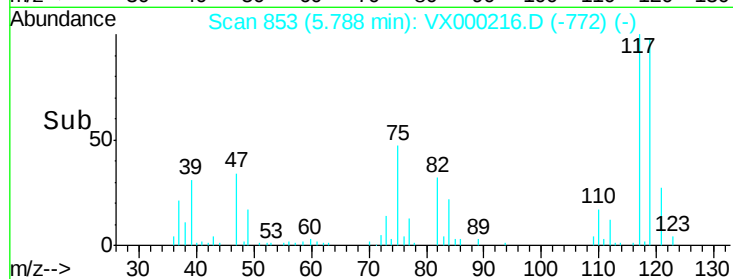
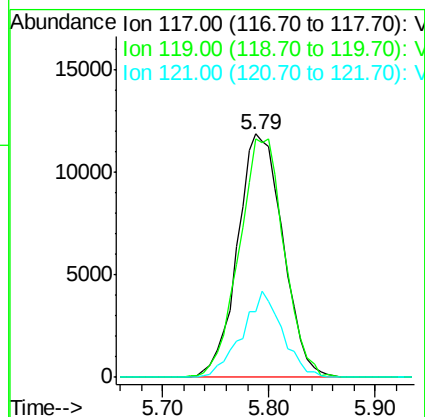
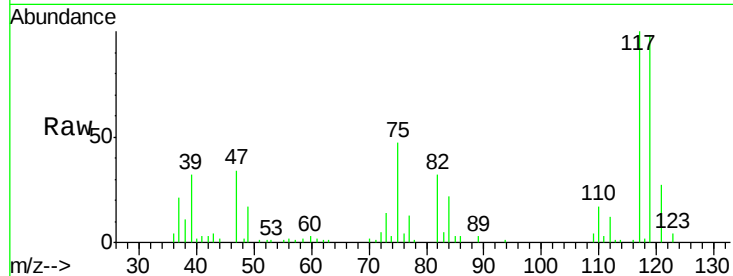




#33
Carbon Tetrachloride
Concen: 15.820 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

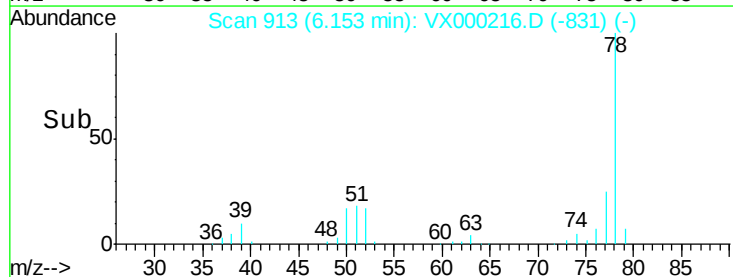
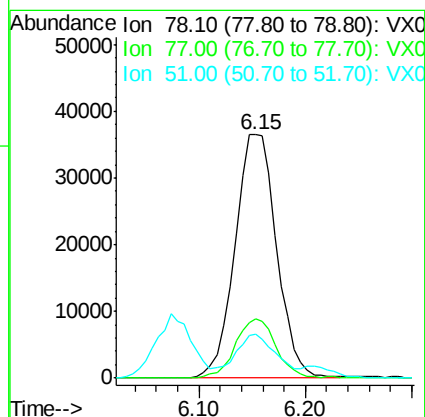
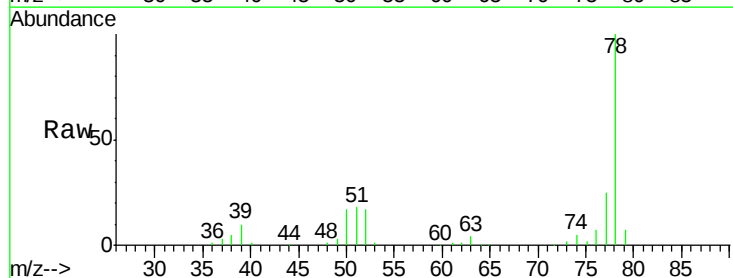
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

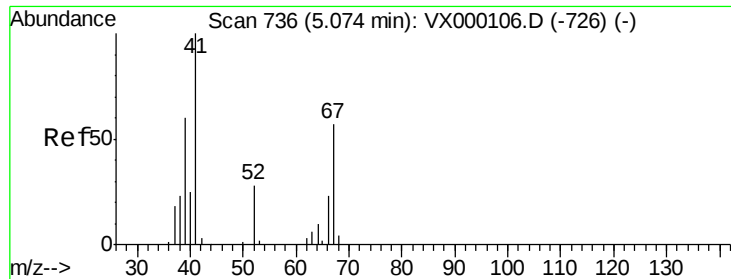
Tot Ion:117 Resp: 35419
Ion Ratio Lower Upper
117 100
119 98.0 73.5 110.3
121 26.8 24.6 37.0



#34
Benzene
Concen: 16.721 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 78 Resp: 100263
Ion Ratio Lower Upper
78 100
77 24.6 21.7 32.5
51 16.3 14.9 22.3

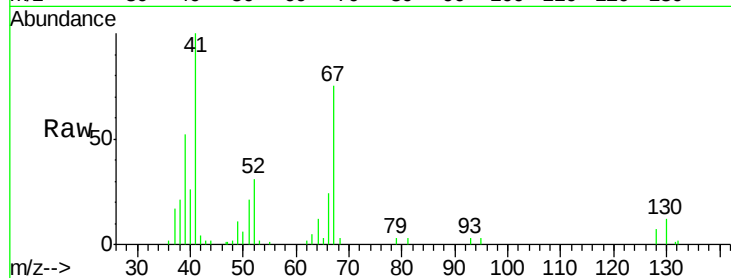




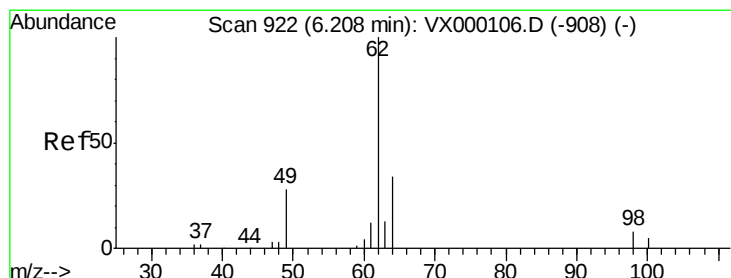
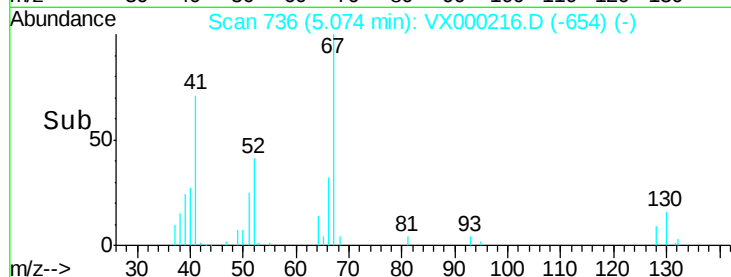
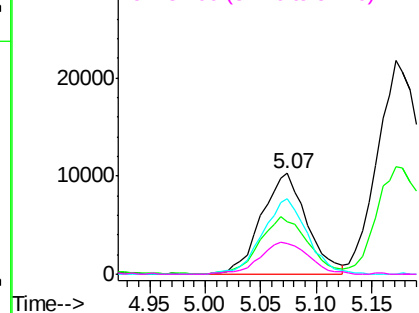
#35
Methacrylonitrile
Concen: 19.890 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion:	41	Resp:	29374
Ion	Ratio	Lower	Upper
41	100		
39	52.1	29.8	89.3
67	75.3	28.7	86.3
52	31.1	14.0	41.9

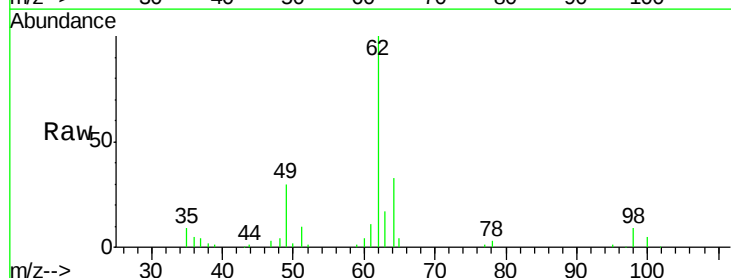


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

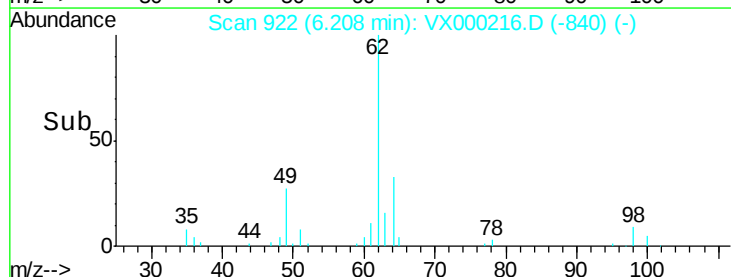
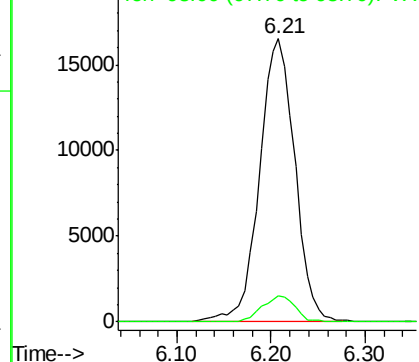


#36
1,2-Dichloroethane
Concen: 19.104 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion:	62	Resp:	43438
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

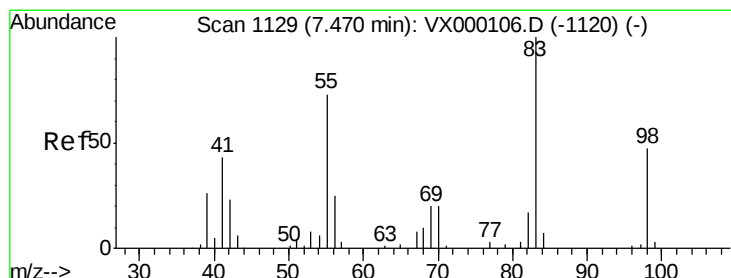
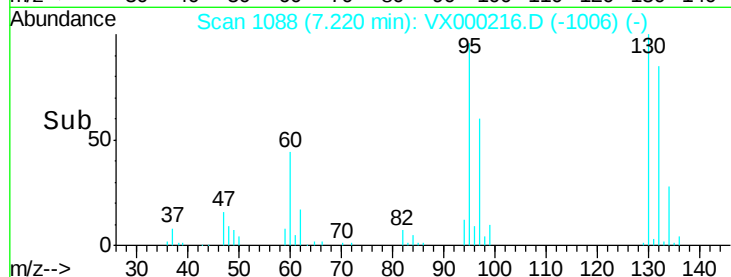
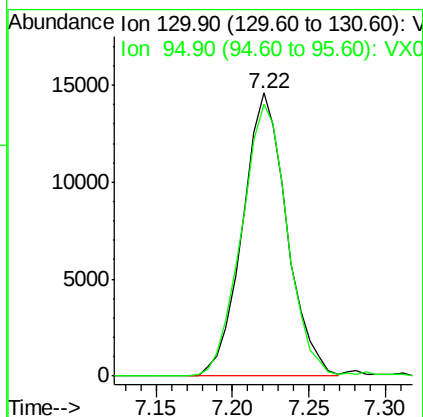
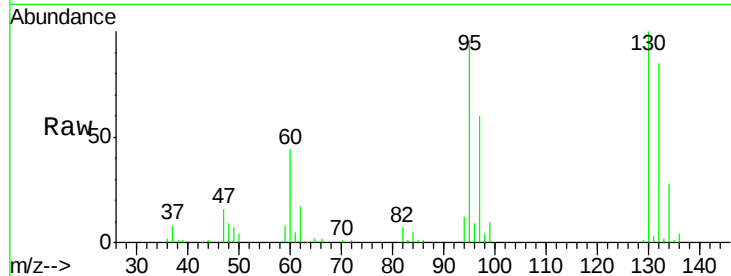




#37
 Trichloroethene
 Concen: 16.577 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

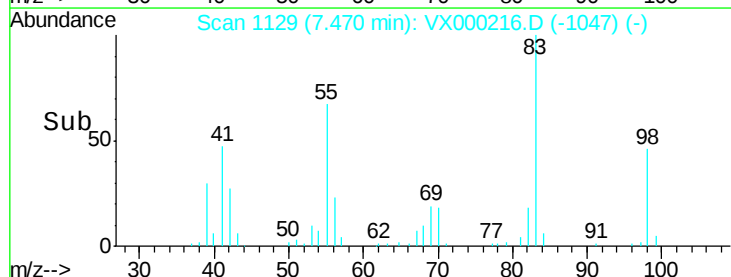
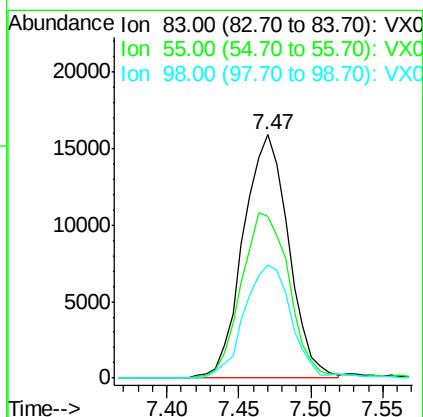
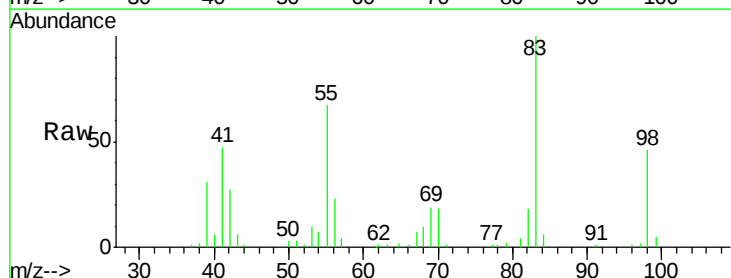
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

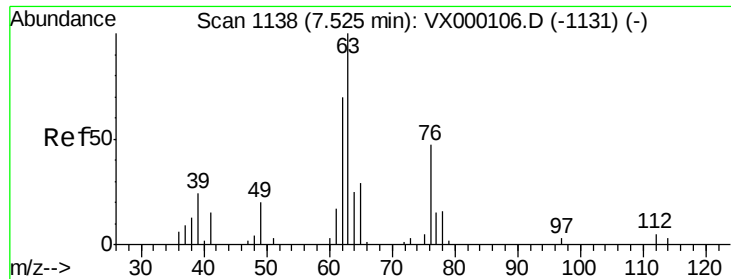
Tot Ion:130 Resp: 29380
 Ion Ratio Lower Upper
 130 100
 95 95.8 74.6 112.0



#38
 Methylcyclohexane
 Concen: 13.905 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 83 Resp: 34733
 Ion Ratio Lower Upper
 83 100
 55 72.6 35.9 107.7
 98 47.7 24.6 74.0

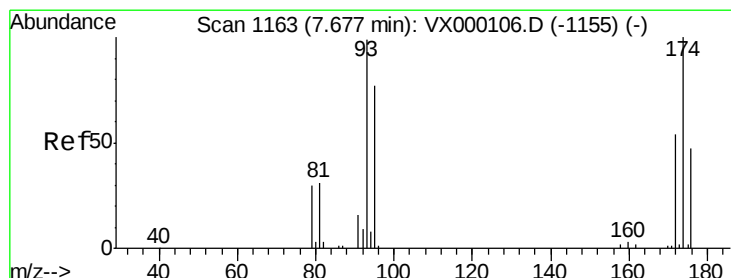
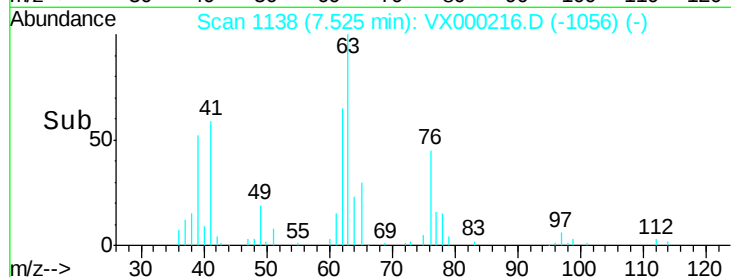
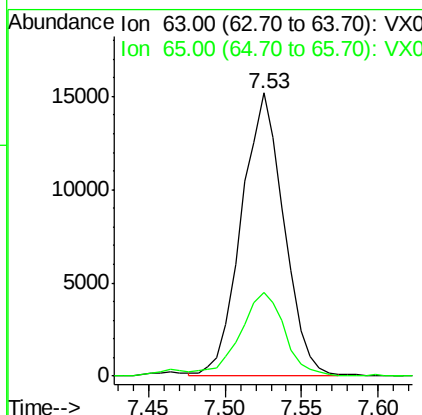
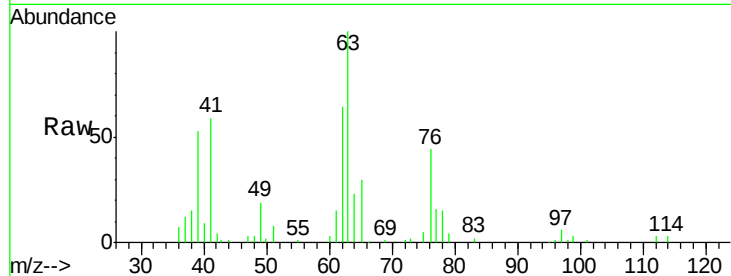




#39
 1,2-Dichloropropane
 Concen: 19.589 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

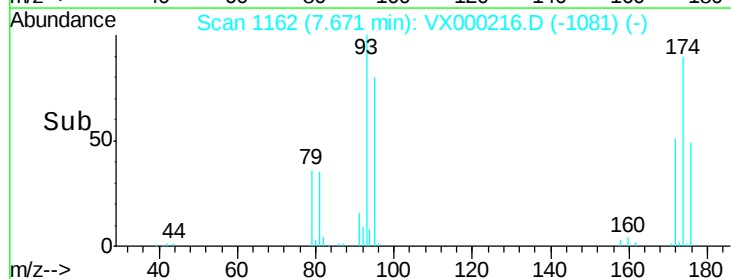
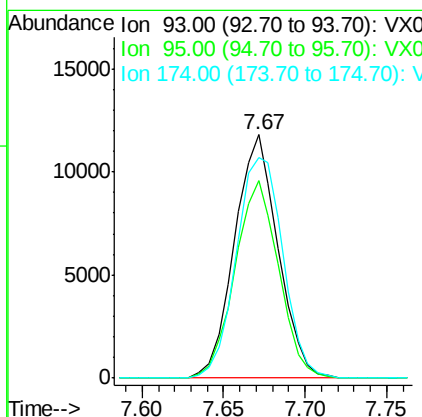
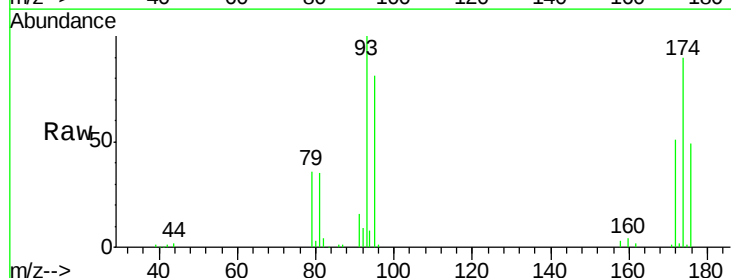
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

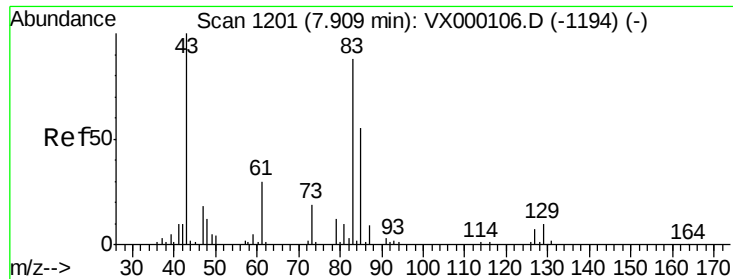
Tot Ion: 63 Resp: 29324
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#40
 Dibromomethane
 Concen: 19.012 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 93 Resp: 21928
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 170.6
 174 97.2 0.0 210.4





#41

Bromodichloromethane

Concen: 19.094 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

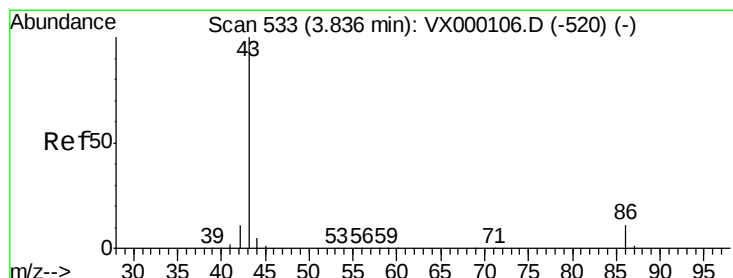
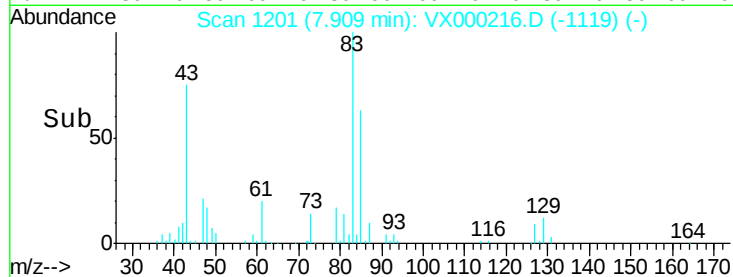
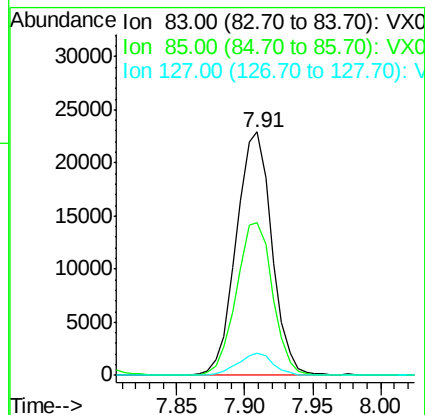
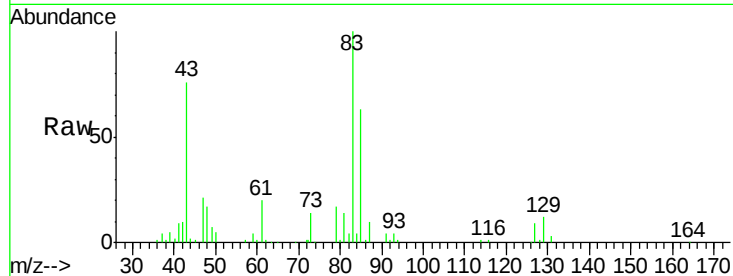
Tot Ion: 83 Resp: 41859

Ion Ratio Lower Upper

83 100

85 62.6 50.0 75.0

127 9.0 6.6 10.0



#42

Vinyl Acetate

Concen: 107.135 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000216.D

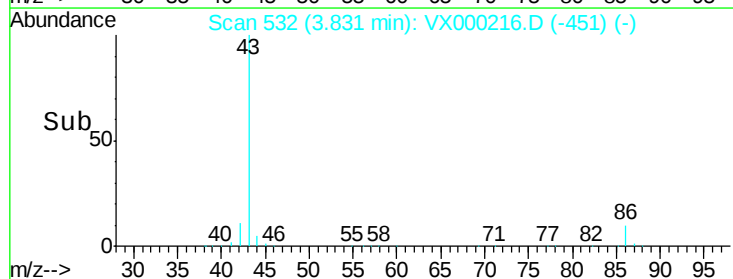
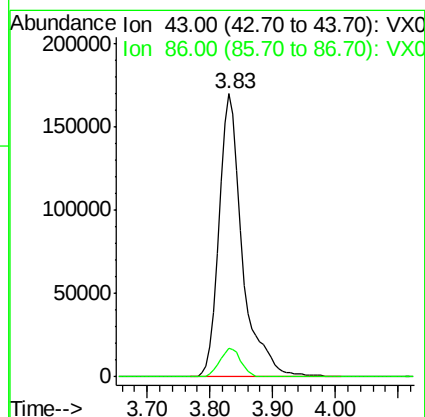
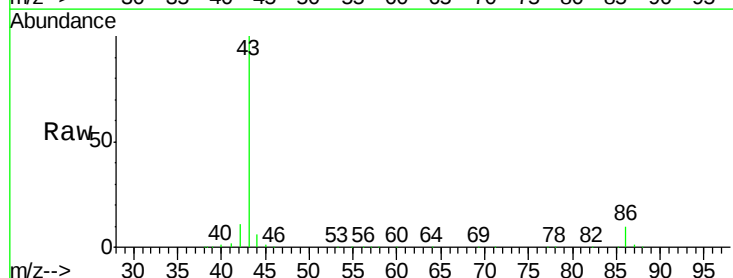
Acq: 08 Mar 2018 11:06

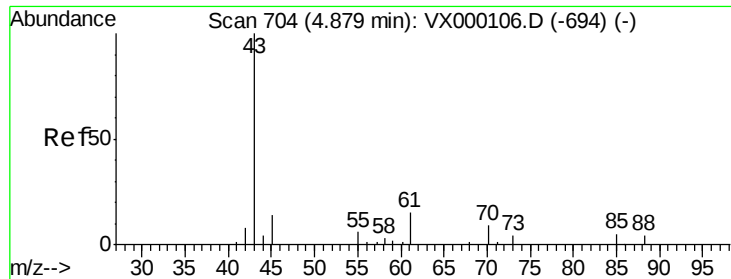
Tgt Ion: 43 Resp: 437994

Ion Ratio Lower Upper

43 100

86 9.2 7.8 11.6

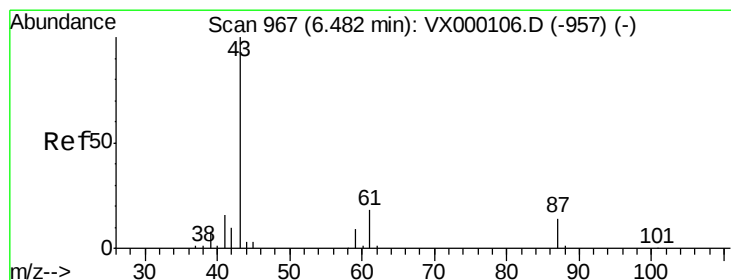
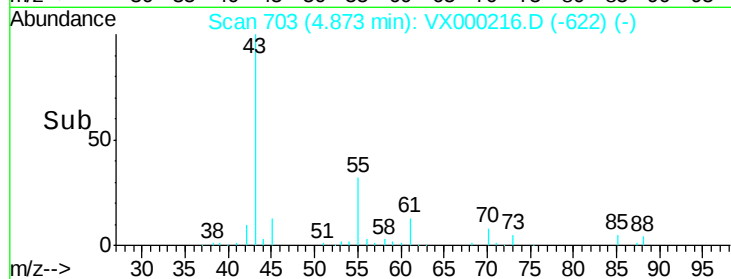
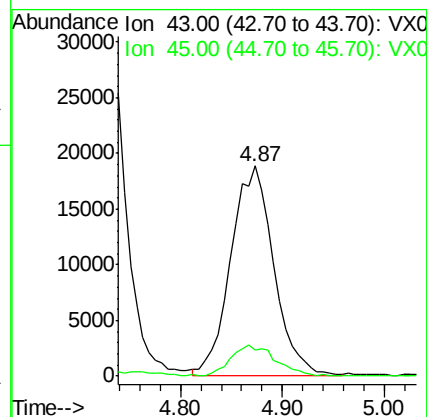
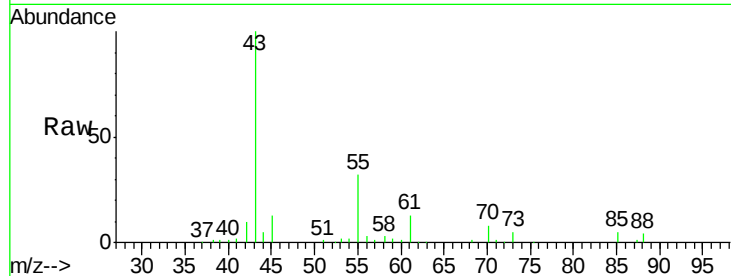




#43
Ethyl Acetate
Concen: 19.643 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

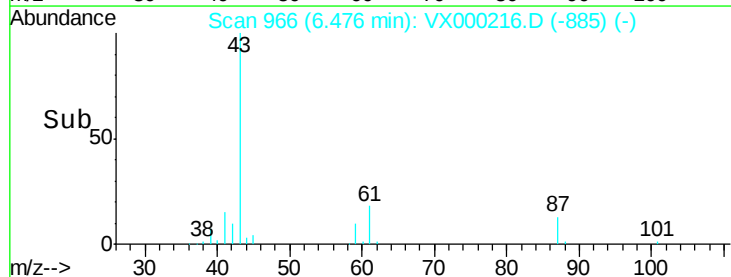
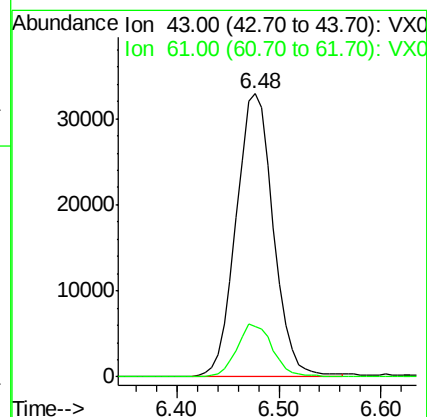
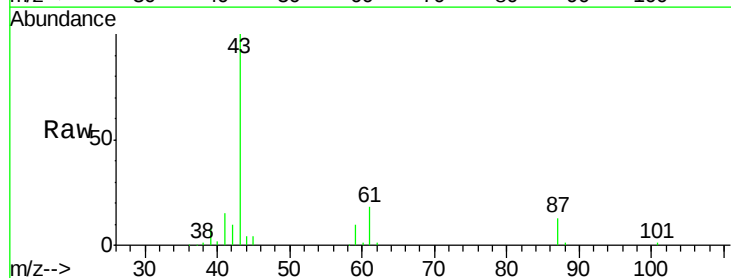
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

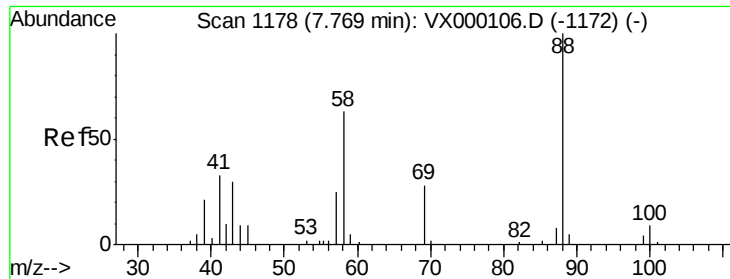
Tot Ion: 43 Resp: 55340
Ion Ratio Lower Upper
43 100
45 8.2 11.4 17.0#



#44
Isopropyl Acetate
Concen: 20.198 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 43 Resp: 83494
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5

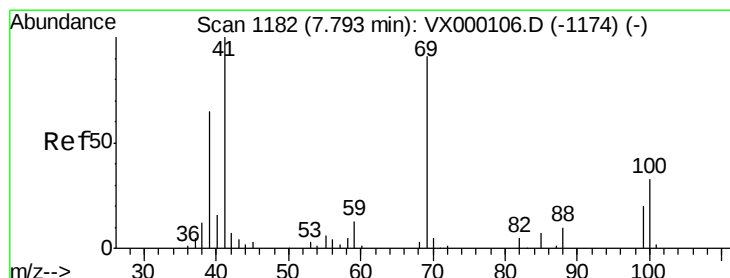
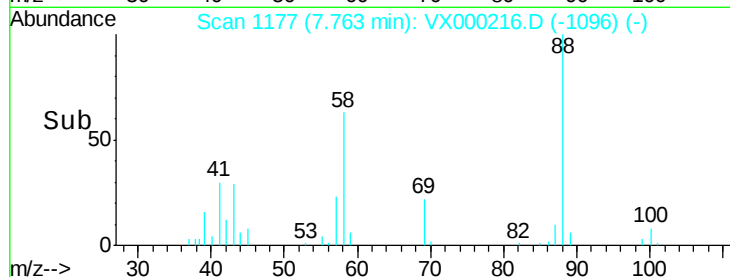
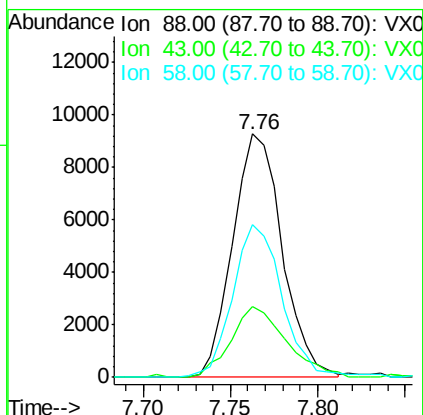
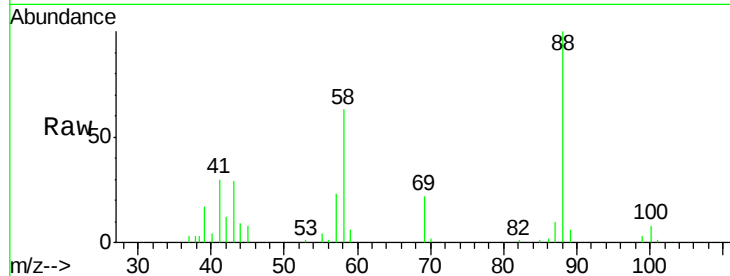




#45
1,4-Dioxane
Concen: 352.117 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

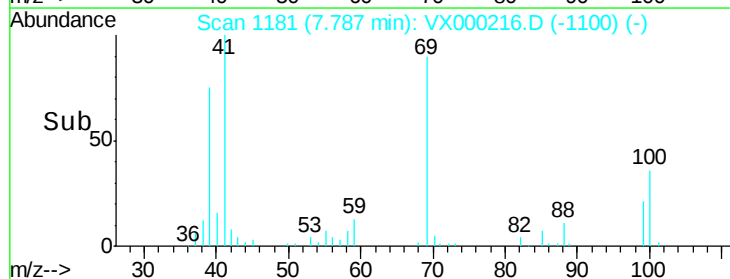
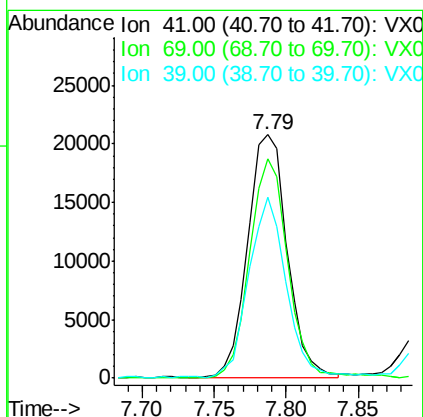
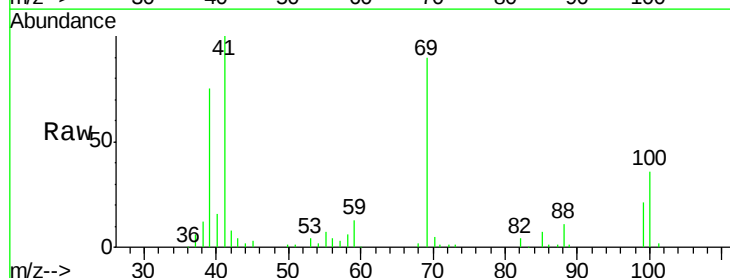
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

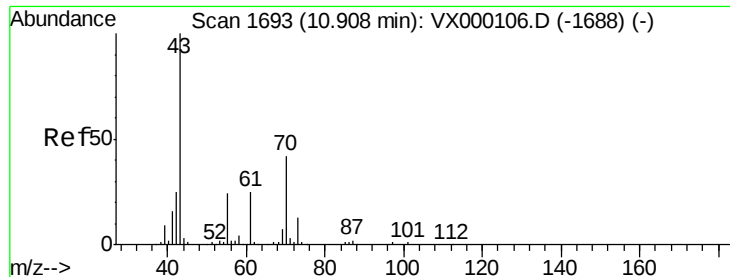
Tot Ion: 88 Resp: 18306
Ion Ratio Lower Upper
88 100
43 32.5 26.8 40.2
58 63.1 52.1 78.1



#46
Methyl methacrylate
Concen: 19.730 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 41 Resp: 39668
Ion Ratio Lower Upper
41 100
69 90.0 45.5 136.5
39 74.0 32.5 97.5





#47

n-amvl Acetate

Concen: 21.161 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

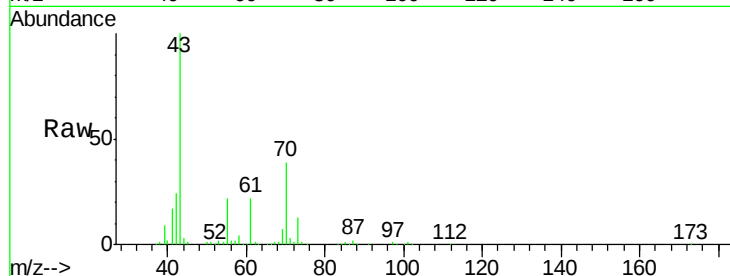
VX0308WBS01

Tot Ion: 43 Resp: 76370

Ion Ratio Lower Upper

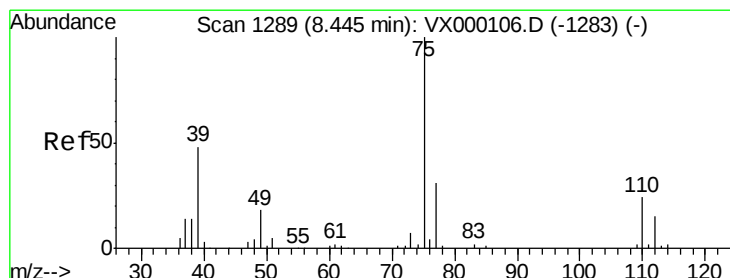
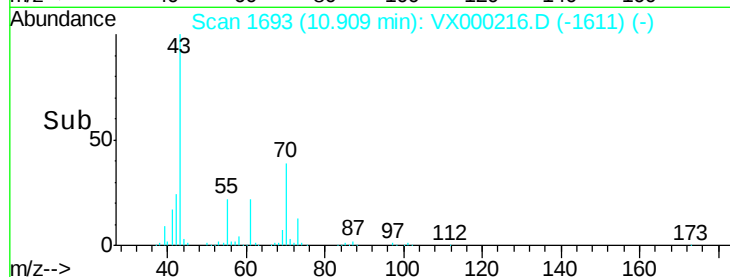
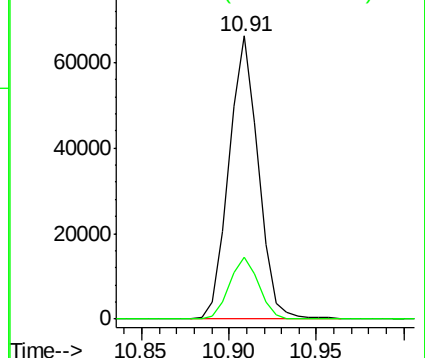
43 100

55 22.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.420 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000216.D

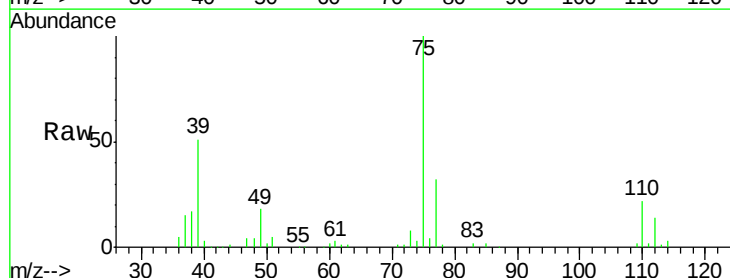
Acq: 08 Mar 2018 11:06

Tgt Ion: 75 Resp: 47009

Ion Ratio Lower Upper

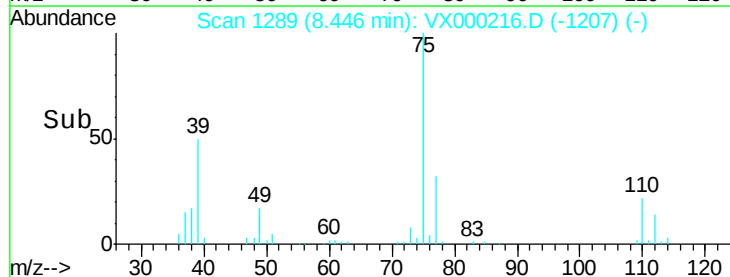
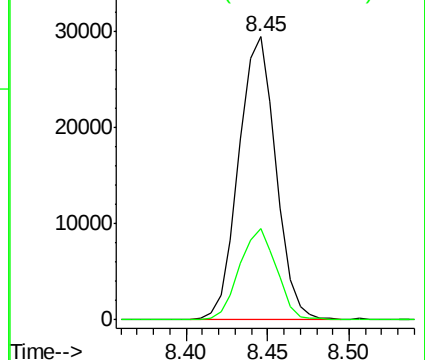
75 100

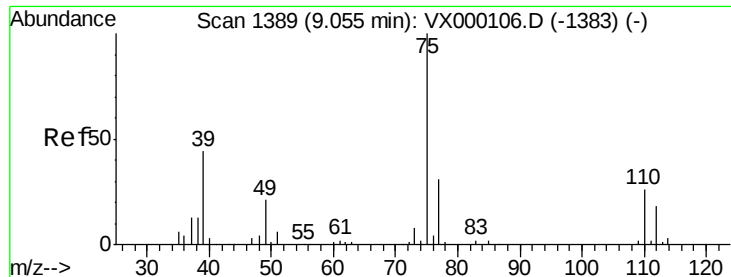
77 32.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



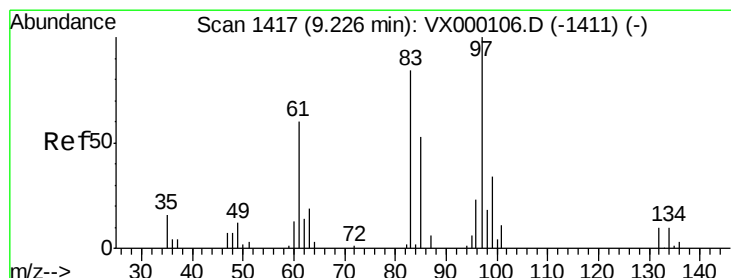
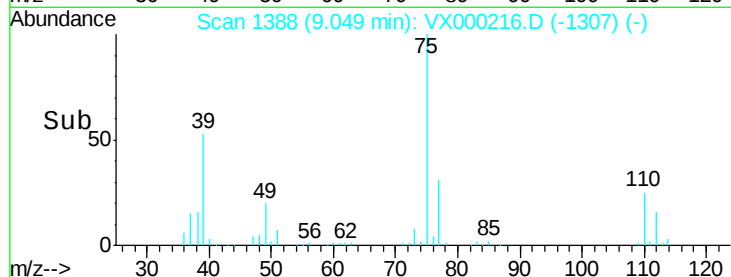
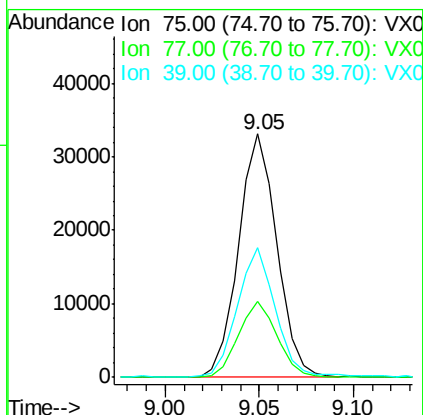
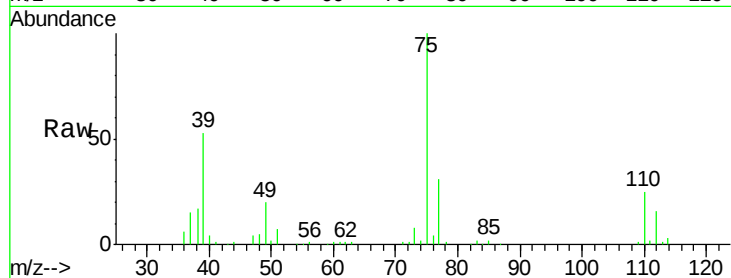


#49

cis-1,3-Dichloropropene
 Concen: 18.784 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

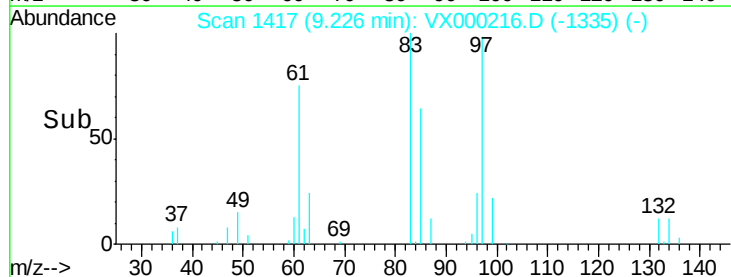
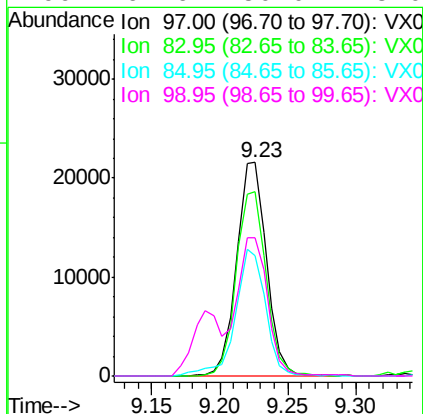
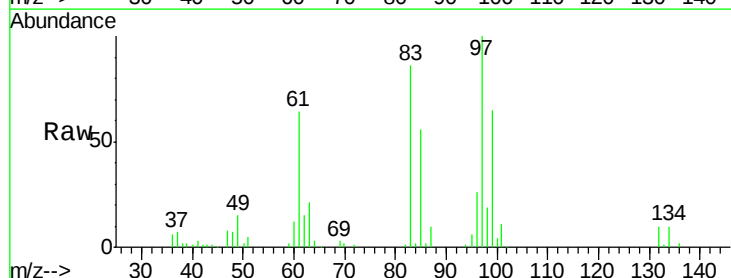
Tot Ion: 75 Resp: 46651
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7
 39 53.2 35.6 53.4

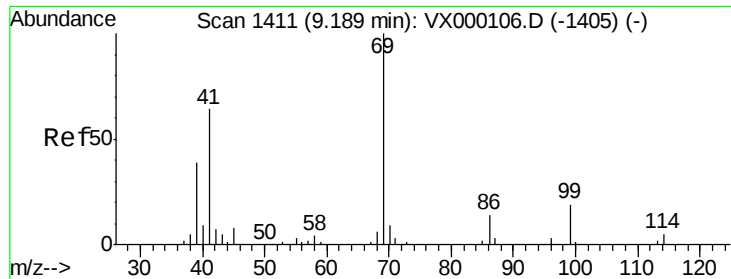


#50

1,1,2-Trichloroethane
 Concen: 19.541 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 97 Resp: 33093
 Ion Ratio Lower Upper
 97 100
 83 86.4 66.9 100.3
 85 56.5 44.4 66.6
 99 64.6 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.490 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

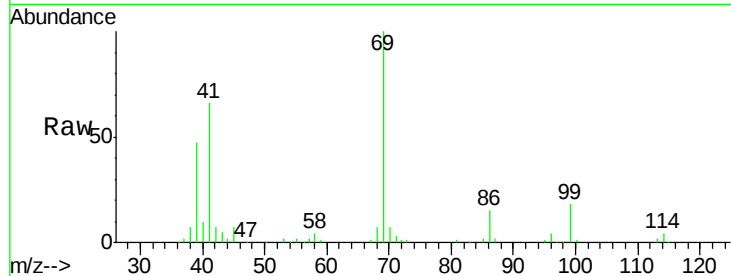
Tot Ion: 69 Resp: 50568

Ion Ratio Lower Upper

69 100

41 66.2 32.1 96.3

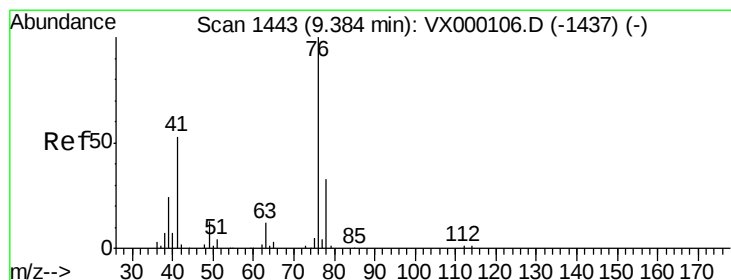
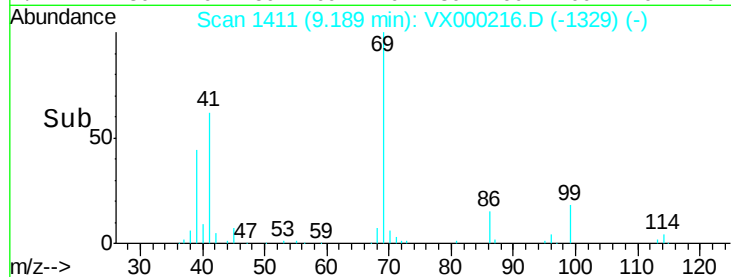
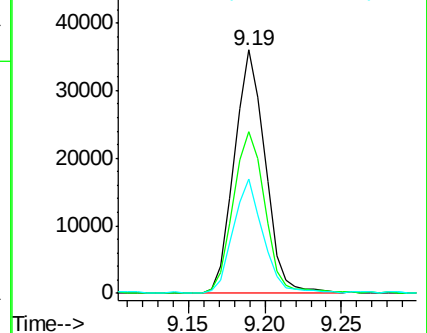
39 46.5 19.6 58.7



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



#52

1,3-Dichloropropane

Concen: 19.885 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000216.D

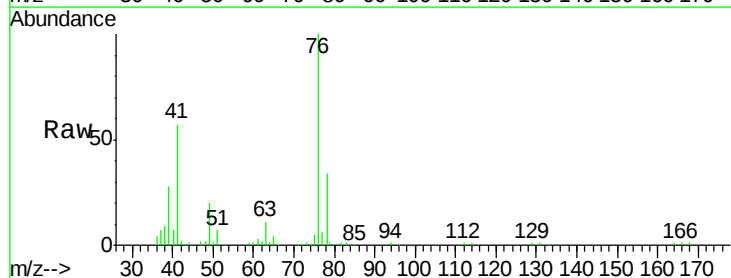
Acq: 08 Mar 2018 11:06

Tgt Ion: 76 Resp: 54012

Ion Ratio Lower Upper

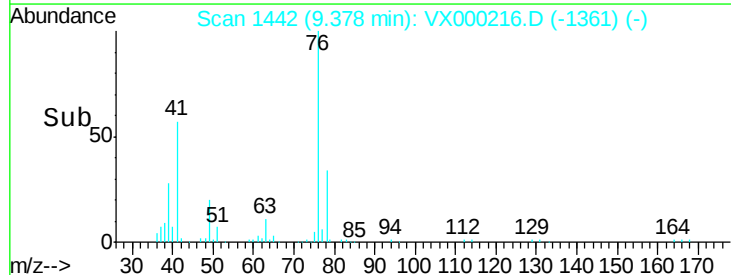
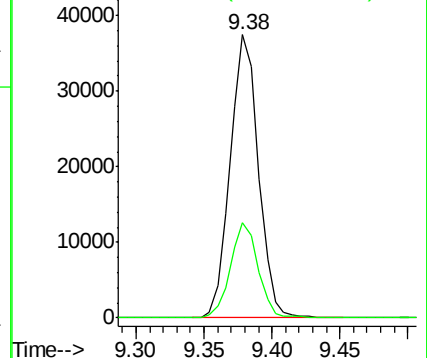
76 100

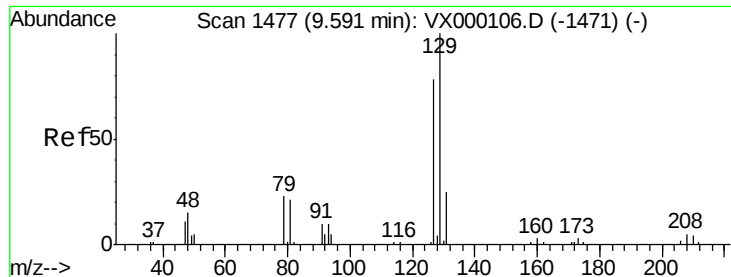
78 32.7 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.174 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

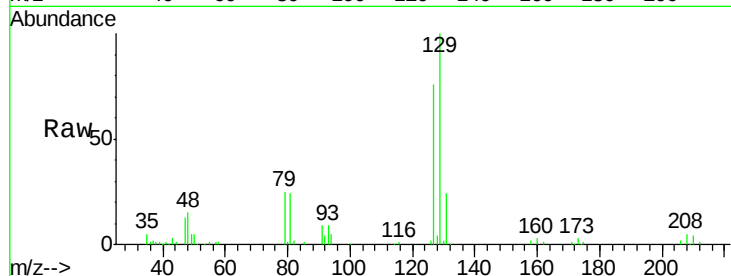
VX0308WBS01

Tot Ion:129 Resp: 34242

Ion Ratio Lower Upper

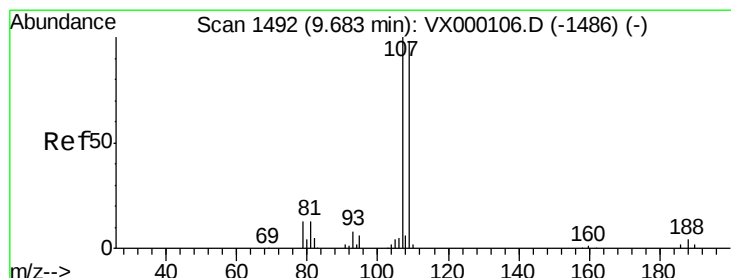
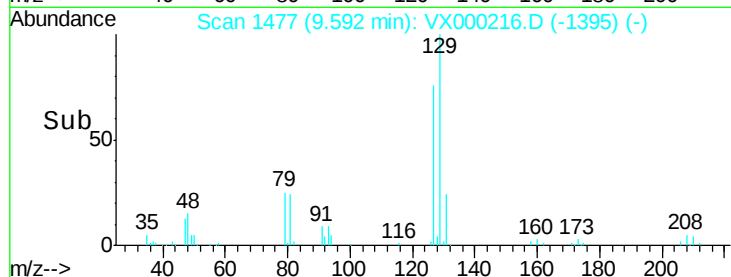
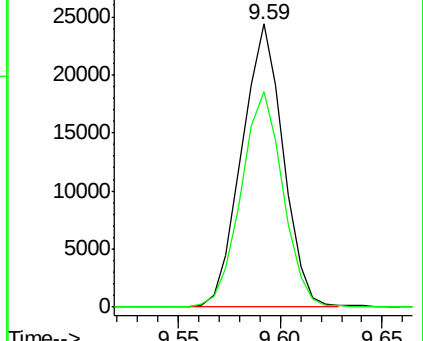
129 100

127 77.1 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.931 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000216.D

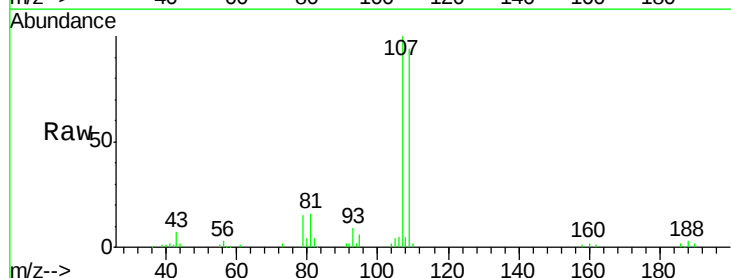
Acq: 08 Mar 2018 11:06

Tgt Ion:107 Resp: 33845

Ion Ratio Lower Upper

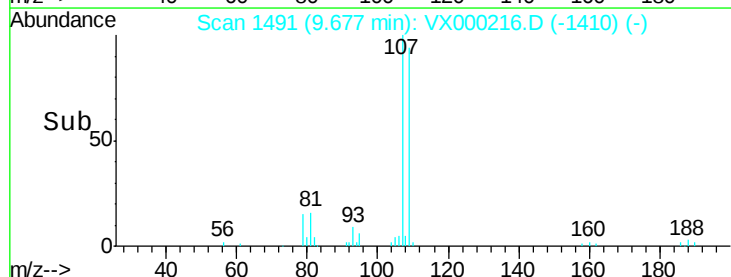
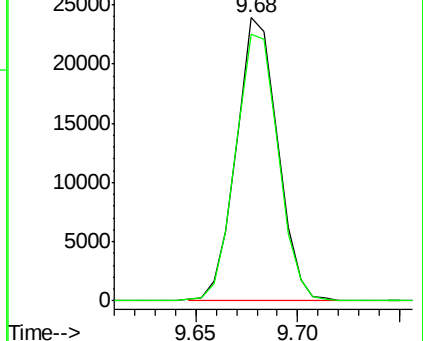
107 100

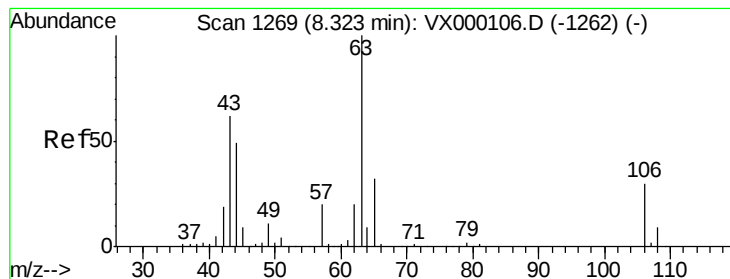
109 96.8 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.081 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

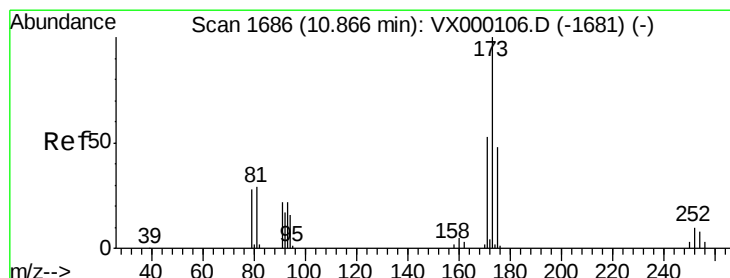
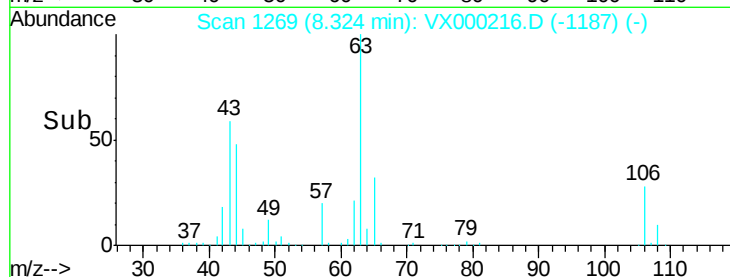
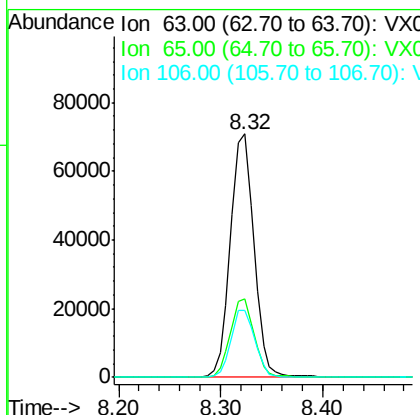
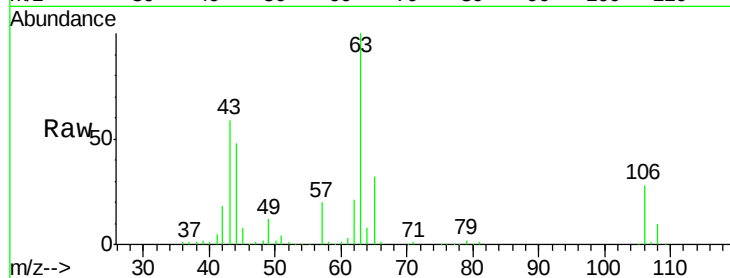
Tot Ion: 63 Resp: 113383

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.8

106 27.9 23.8 35.6



#56

Bromoform

Concen: 17.344 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

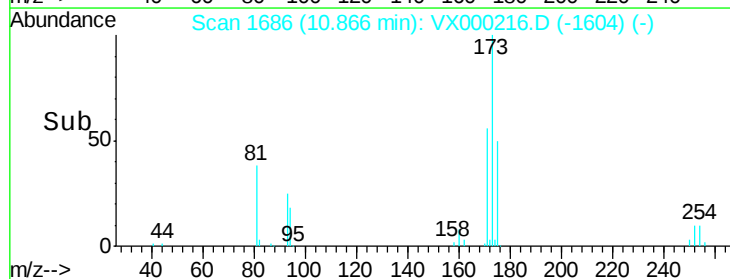
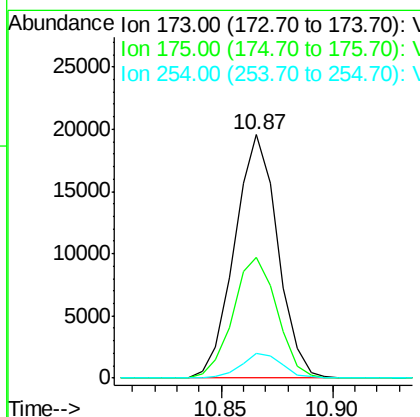
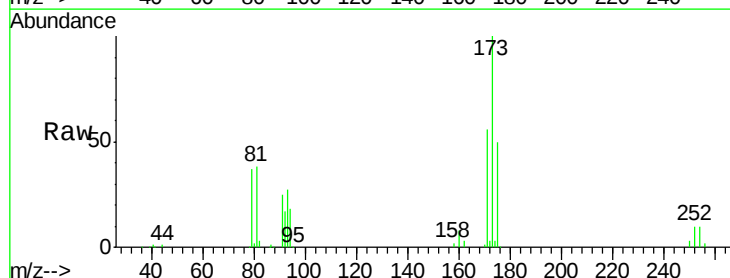
Tgt Ion: 173 Resp: 26466

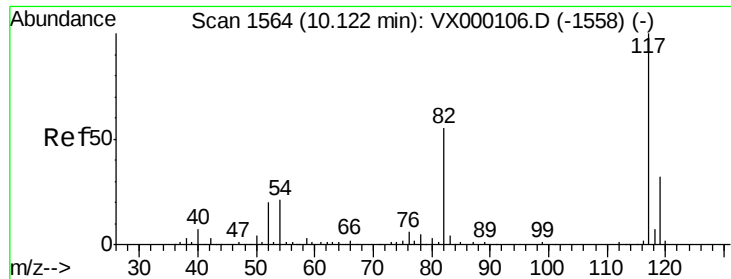
Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.4

254 9.6 7.0 10.4

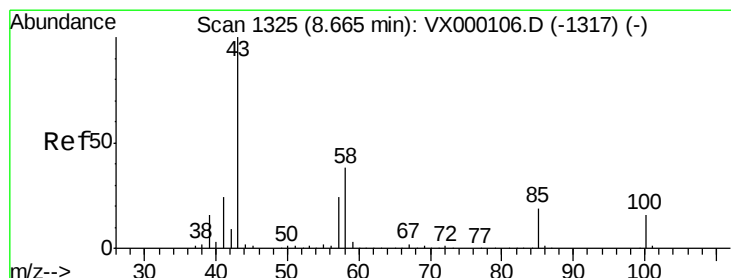
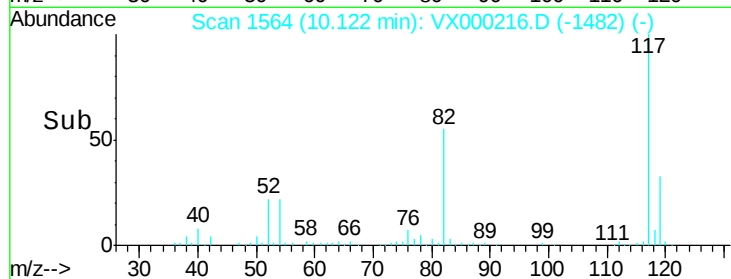
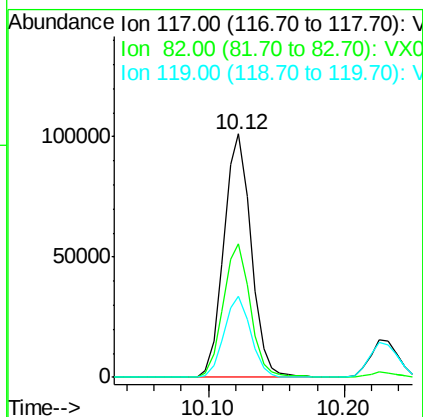
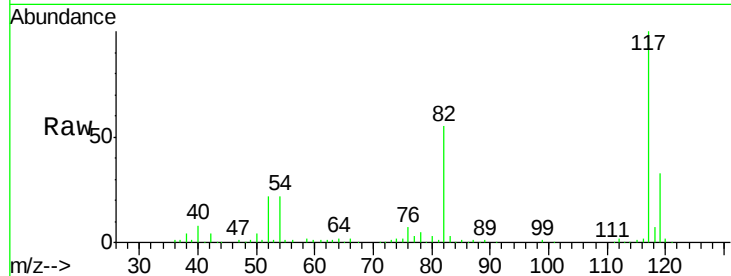




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

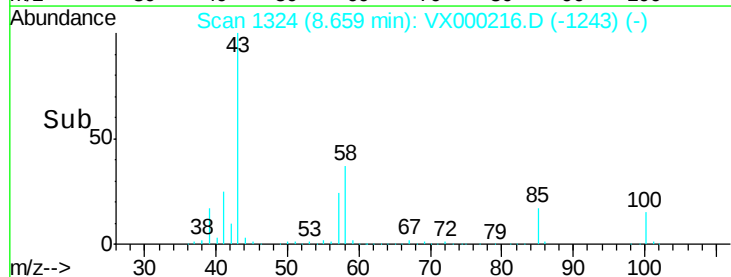
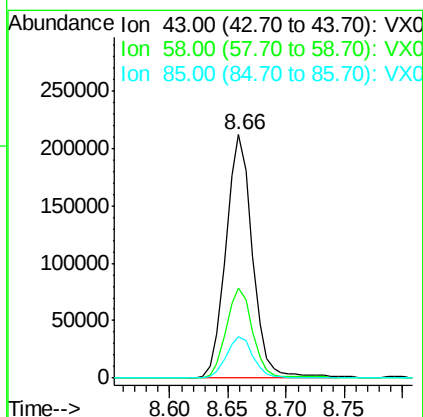
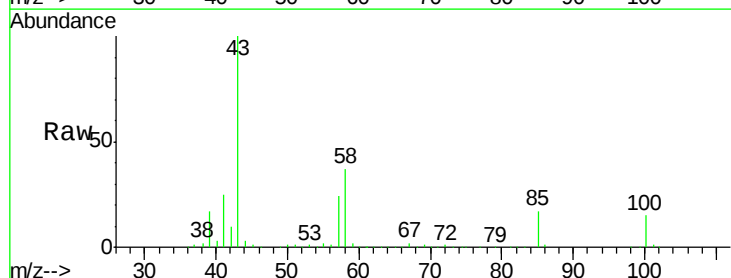
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

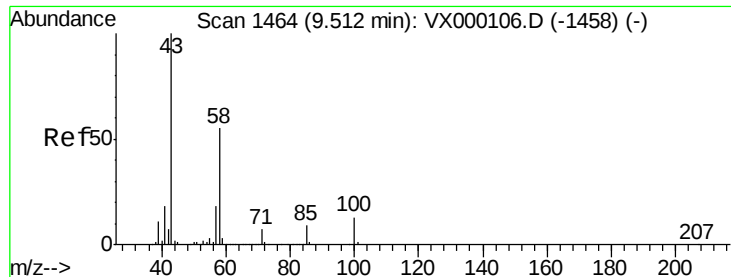
Tot Ion:117 Resp: 141634
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.4 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 108.610 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 43 Resp: 336939
Ion Ratio Lower Upper
43 100
58 36.4 29.8 44.8
85 17.3 14.9 22.3

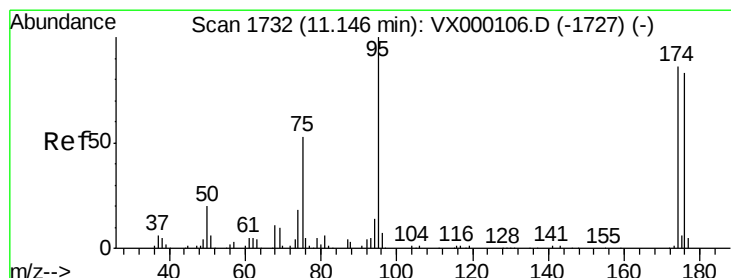
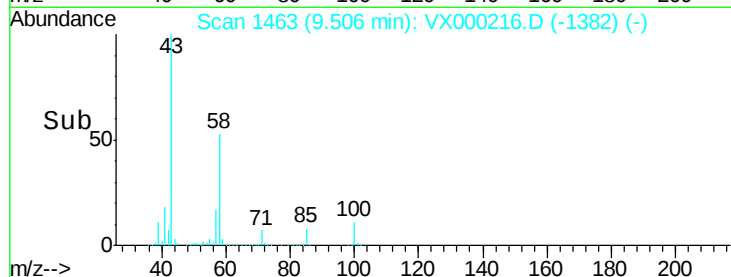
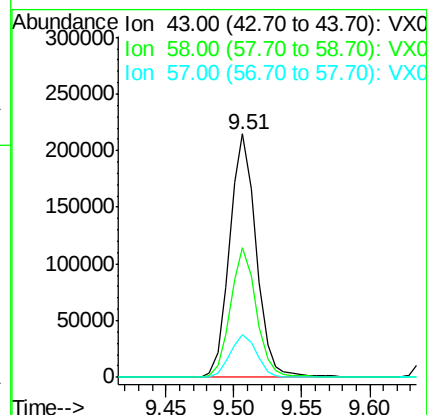
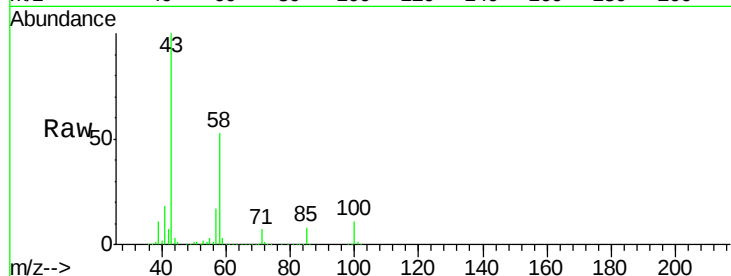




#59
2-Hexanone
Concen: 110.997 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

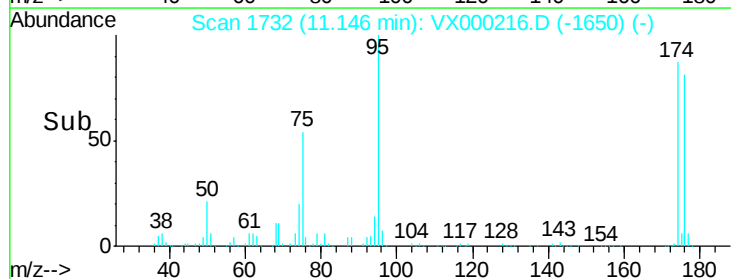
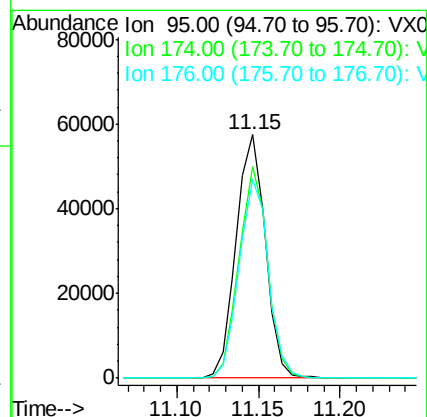
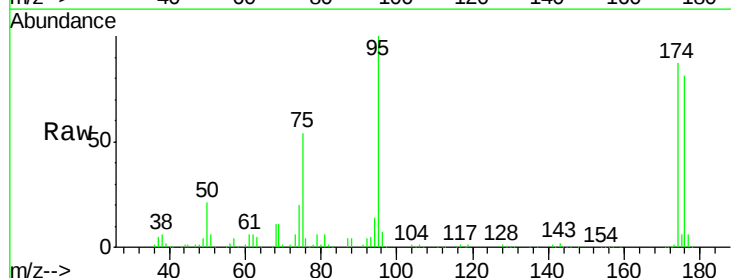
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

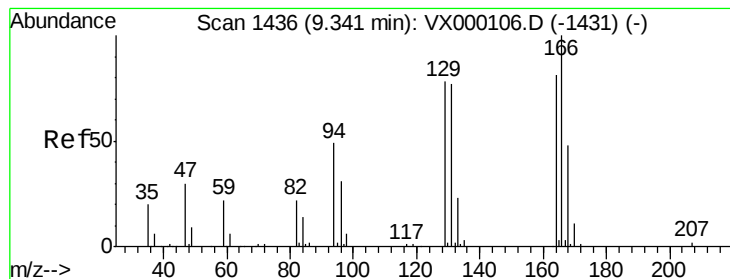
Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	43.0	64.6
57	17.8	14.4	21.6



#60
4-Bromofluorobenzene
Concen: 30.974 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	71.1	106.7
176	82.2	69.3	103.9





#61

Tetrachloroethene

Concen: 15.543 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion:164 Resp: 26730

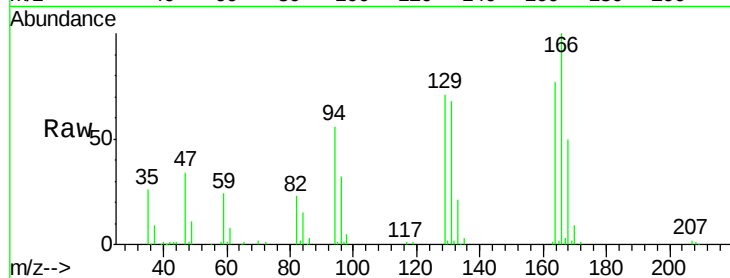
Ion Ratio Lower Upper

164 100

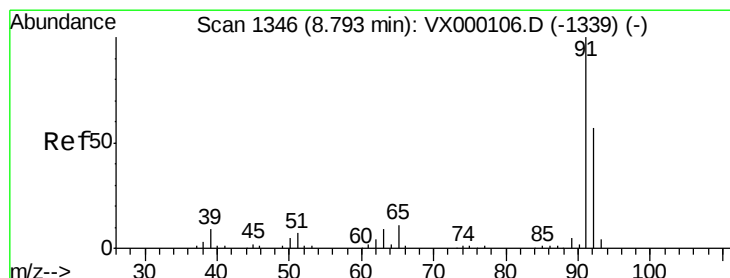
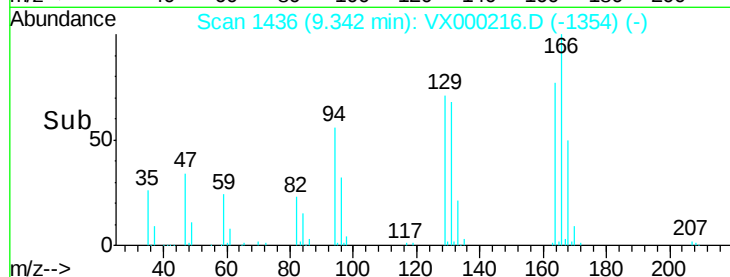
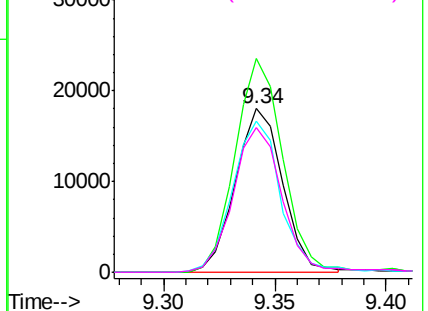
166 130.3 99.0 148.4

129 92.2 77.0 115.6

131 87.5 75.8 113.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.853 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000216.D

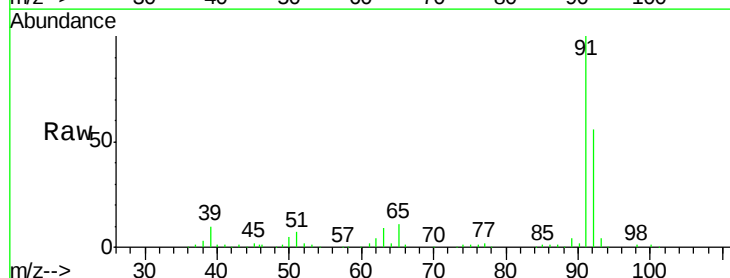
Acq: 08 Mar 2018 11:06

Tgt Ion: 91 Resp: 124190

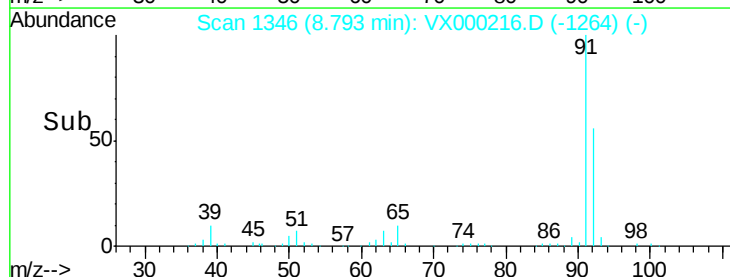
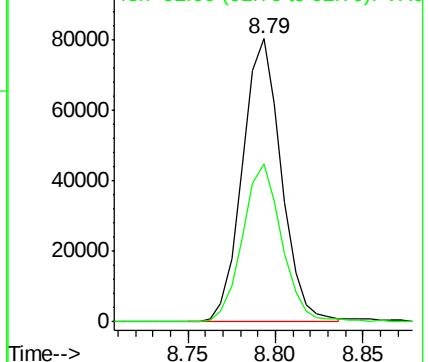
Ion Ratio Lower Upper

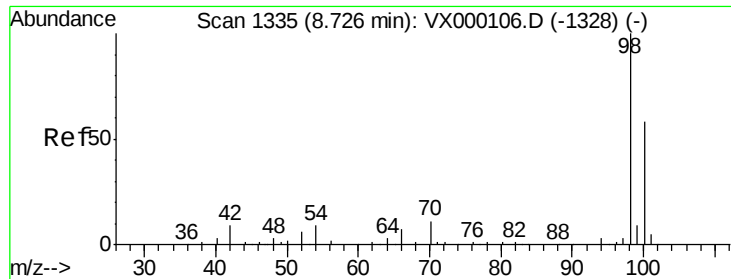
91 100

92 56.7 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

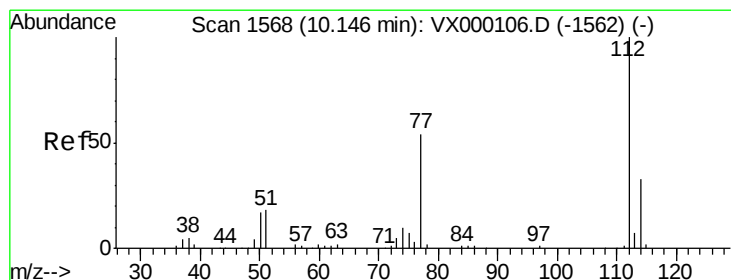
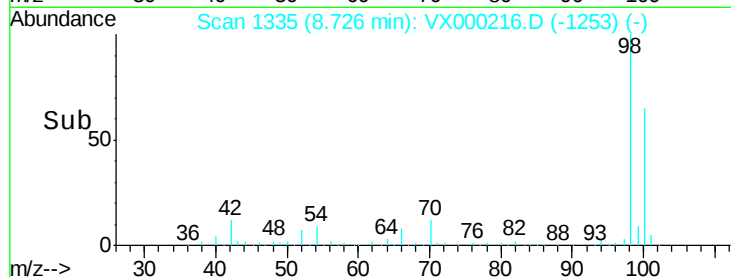
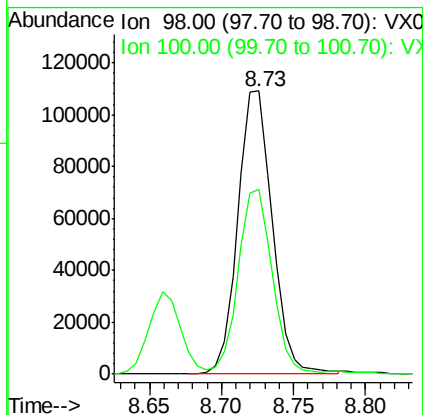
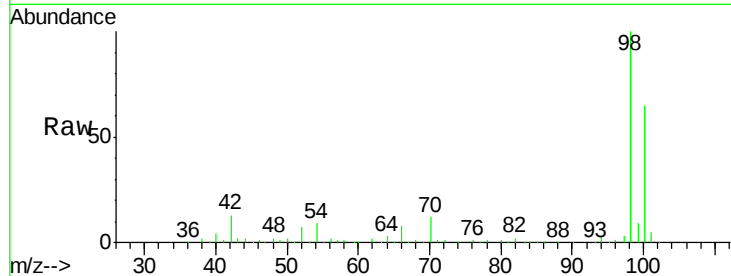




#63
Toluene-d8
Concen: 29.957 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

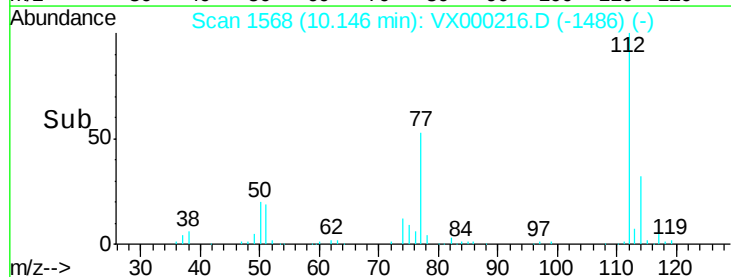
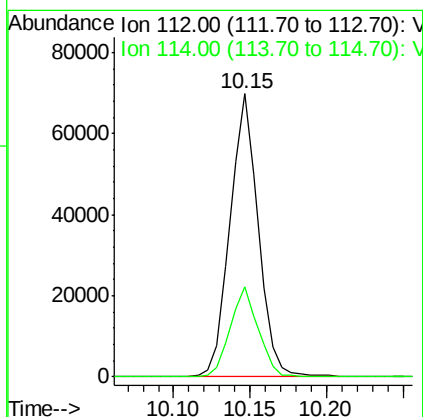
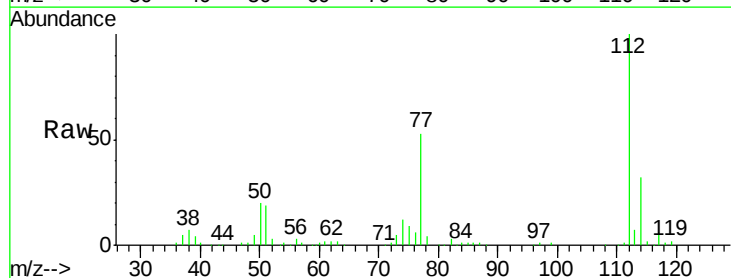
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

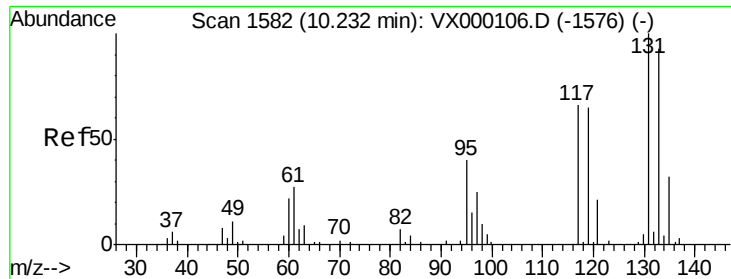
Tot Ion: 98 Resp: 181740
Ion Ratio Lower Upper
98 100
100 64.5 50.0 75.0



#64
Chlorobenzene
Concen: 17.983 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 112 Resp: 89548
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.429 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

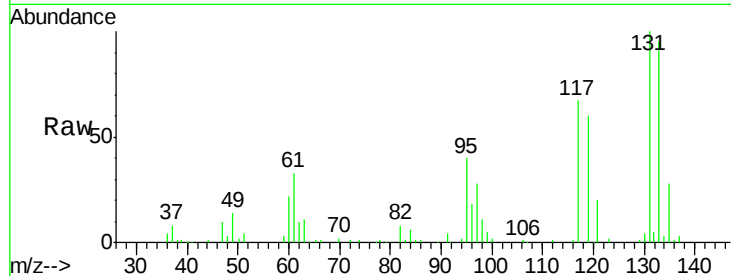
Tot Ion:131 Resp: 32505

Ion Ratio Lower Upper

131 100

133 96.4 0.0 187.6

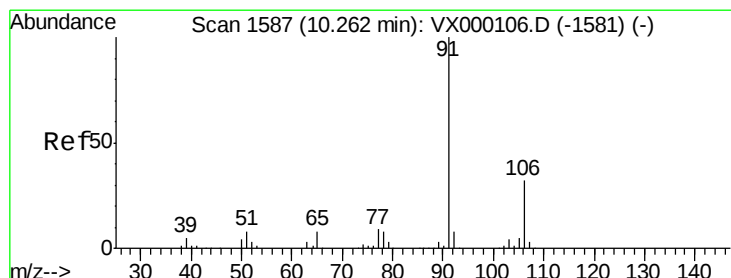
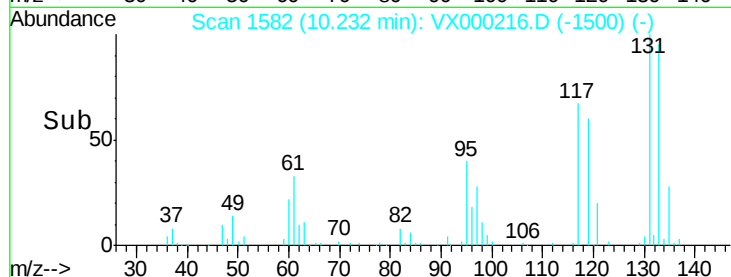
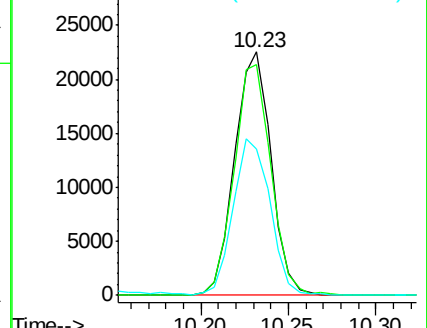
119 65.5 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.050 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000216.D

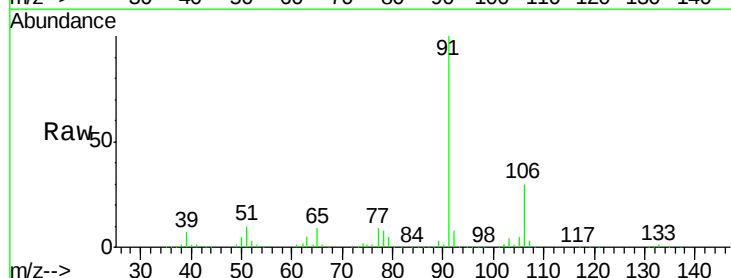
Acq: 08 Mar 2018 11:06

Tgt Ion: 91 Resp: 151823

Ion Ratio Lower Upper

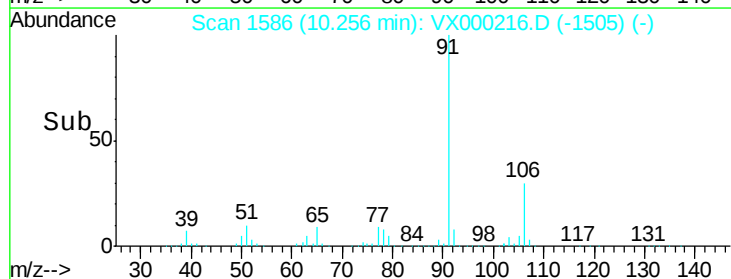
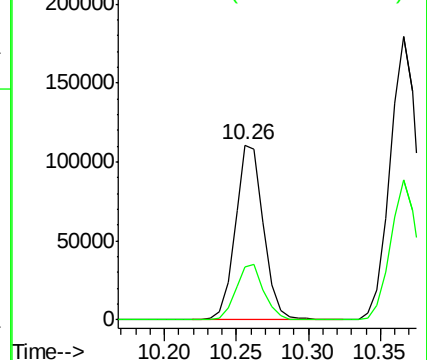
91 100

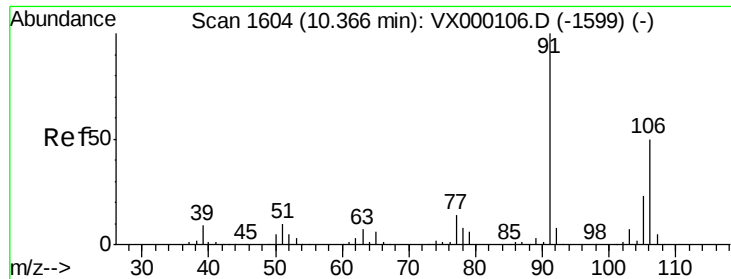
106 30.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

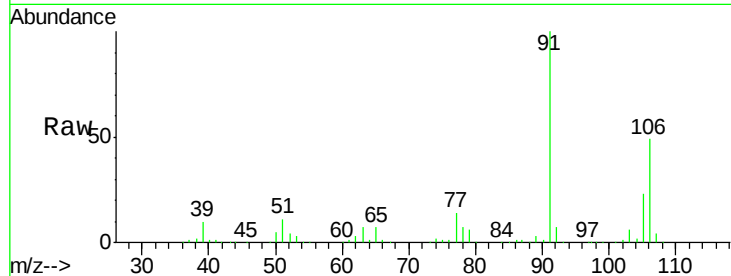




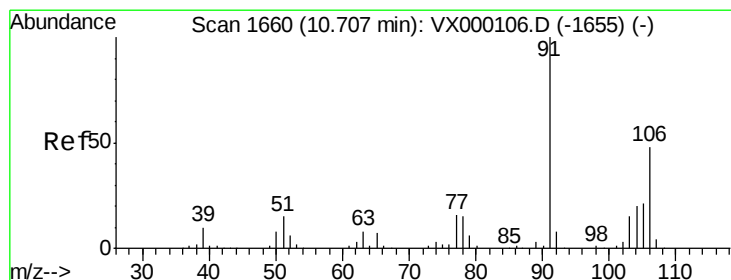
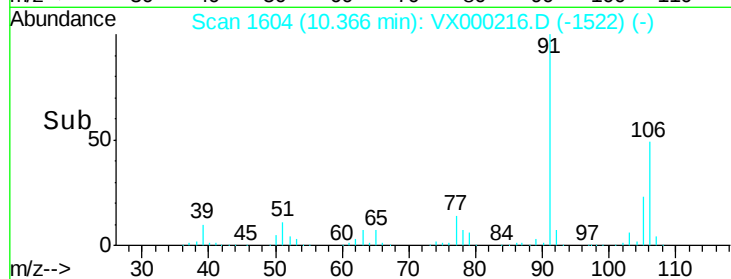
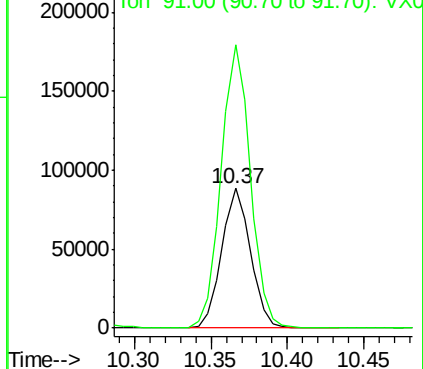
#67
m/p-Xvlenes
Concen: 35.033 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion:106 Resp: 115519
Ion Ratio Lower Upper
106 100
91 206.3 161.6 242.4

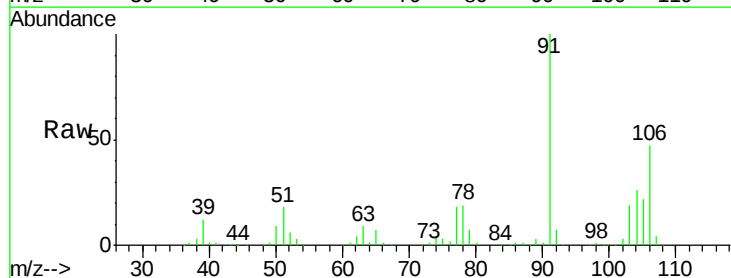


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

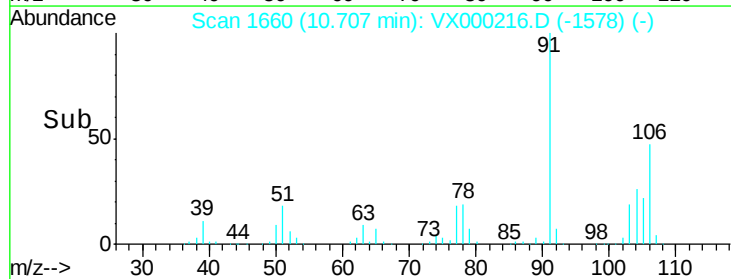
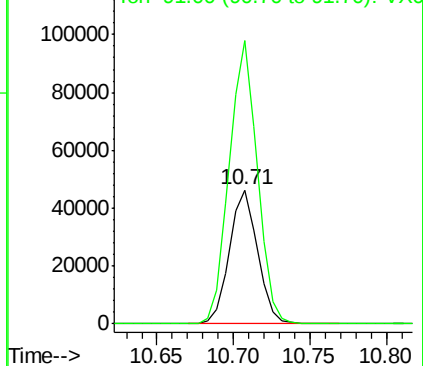


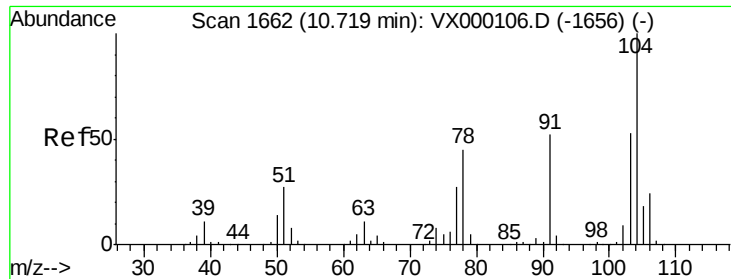
#68
o-Xylene
Concen: 18.463 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion:106 Resp: 59134
Ion Ratio Lower Upper
106 100
91 210.7 105.6 316.8



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

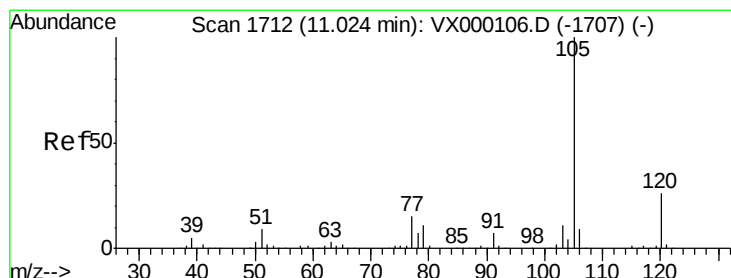
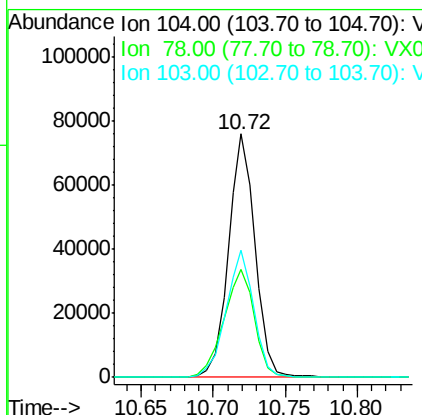
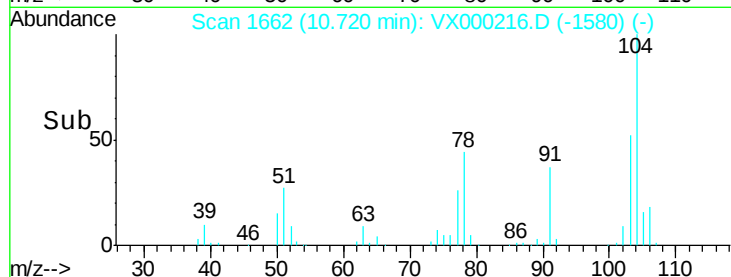
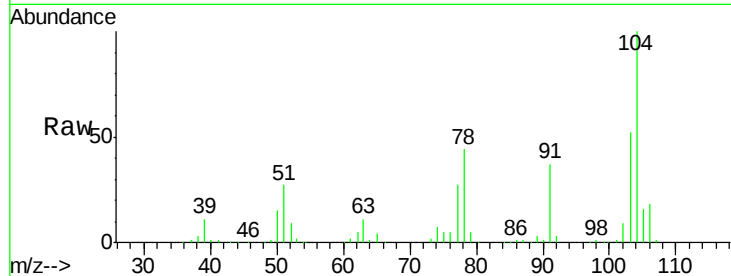




#69
Stvrene
Concen: 18.531 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

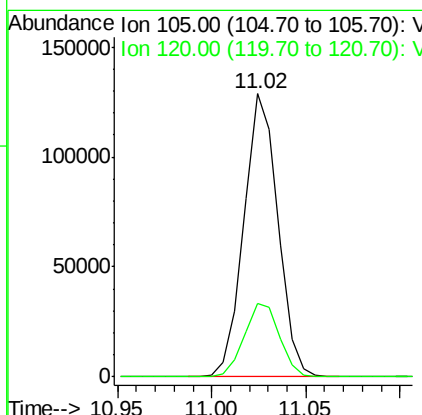
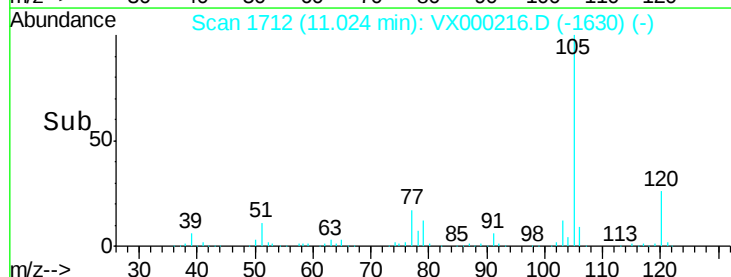
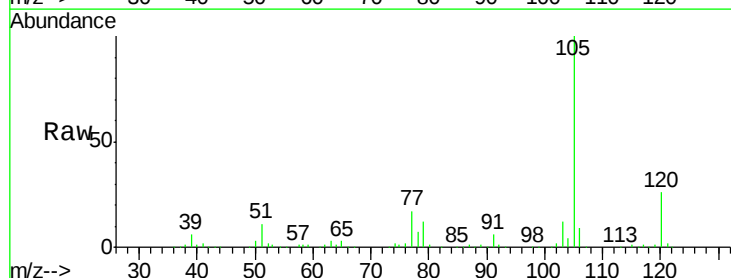
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

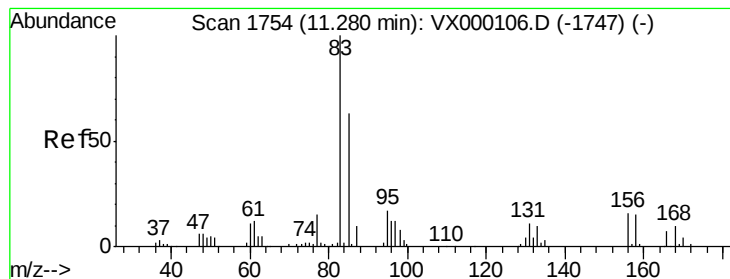
Tot Ion:104 Resp: 98321
Ion Ratio Lower Upper
104 100
78 51.0 39.0 58.4
103 54.8 44.7 67.1



#70
Isopropylbenzene
Concen: 18.654 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion:105 Resp: 161505
Ion Ratio Lower Upper
105 100
120 27.1 18.8 35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 21.125 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

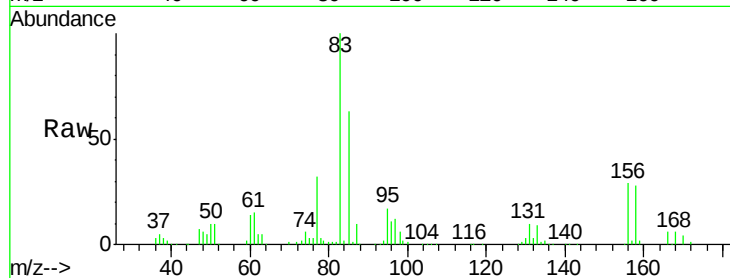
Tot Ion: 83 Resp: 62933

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

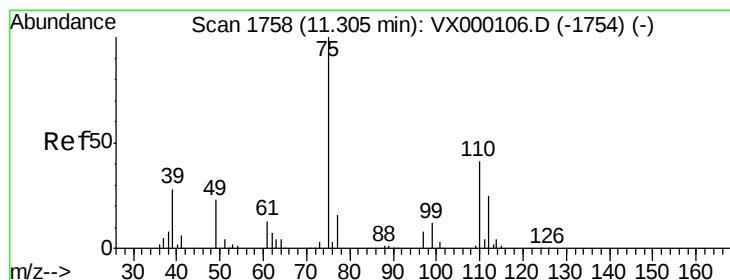
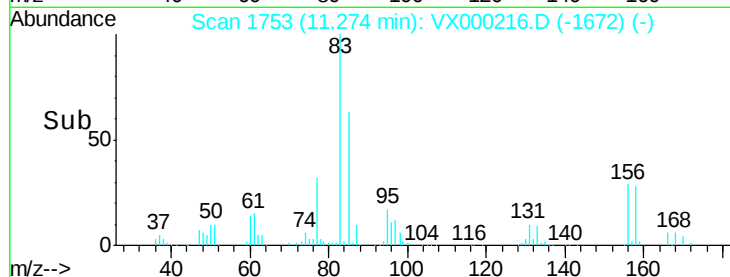
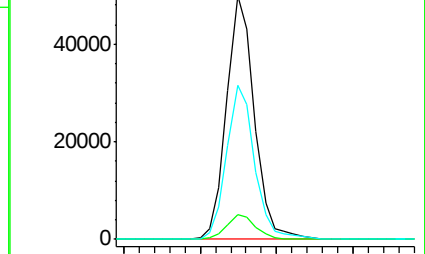
85 64.1 32.5 97.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.539 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000216.D

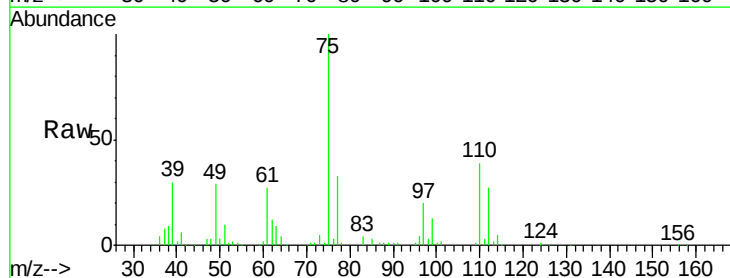
Acq: 08 Mar 2018 11:06

Tgt Ion: 75 Resp: 73591

Ion Ratio Lower Upper

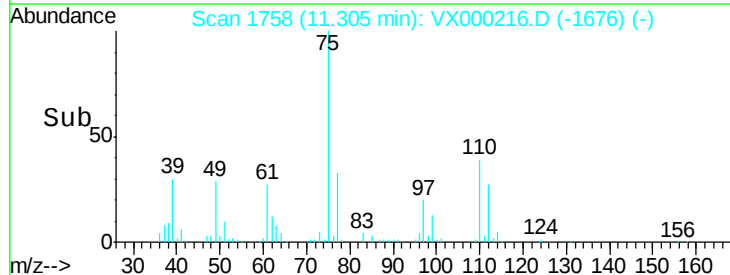
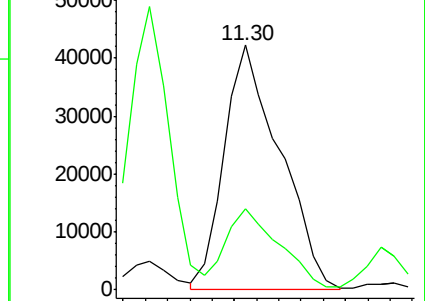
75 100

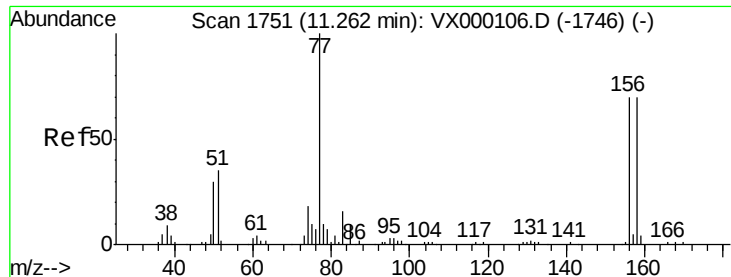
77 32.2 0.0 85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.623 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

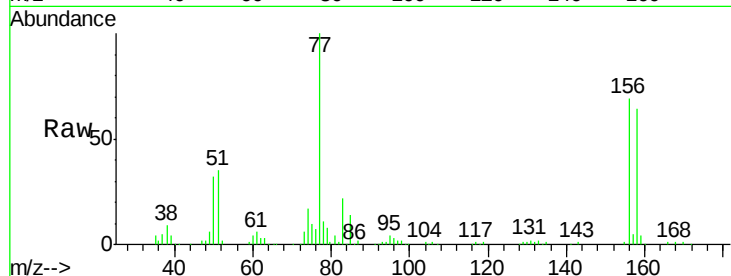
Tot Ion:156 Resp: 42271

Ion Ratio Lower Upper

156 100

77 147.2 0.0 280.2

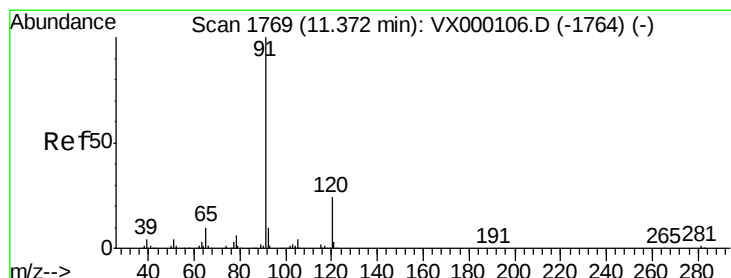
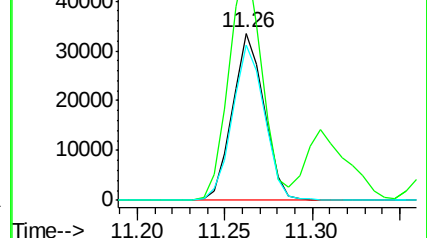
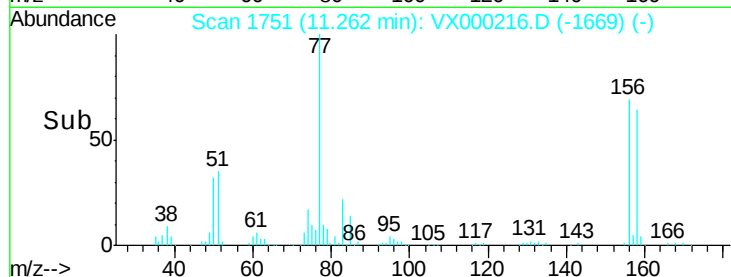
158 94.9 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.539 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000216.D

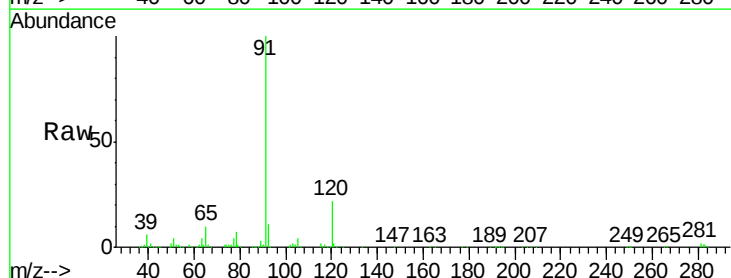
Acq: 08 Mar 2018 11:06

Tgt Ion: 91 Resp: 198288

Ion Ratio Lower Upper

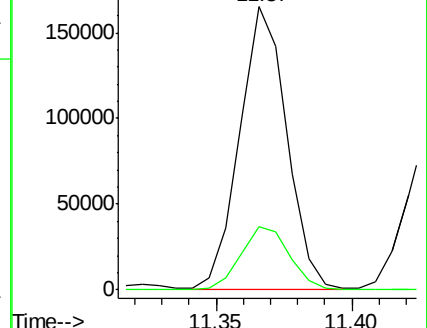
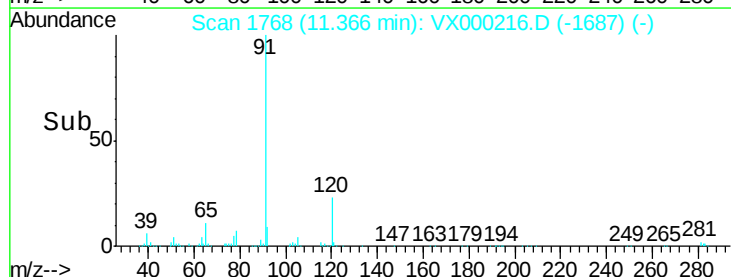
91 100

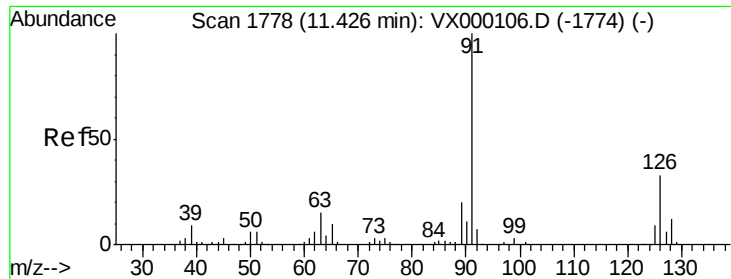
120 23.0 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.153 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

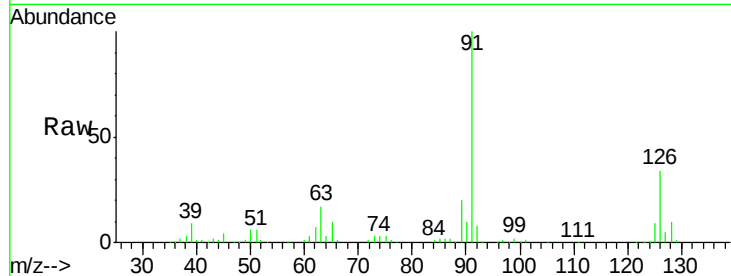
VX0308WBS01

Tot Ion: 91 Resp: 111747

Ion Ratio Lower Upper

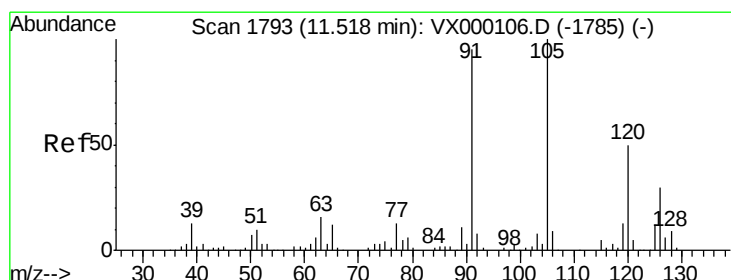
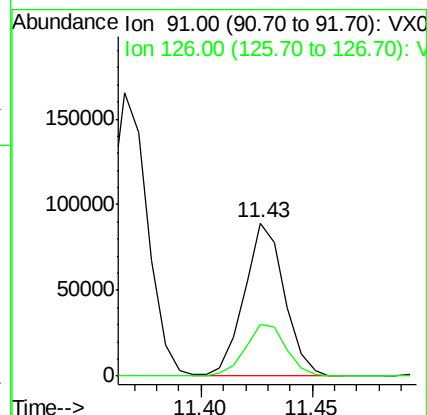
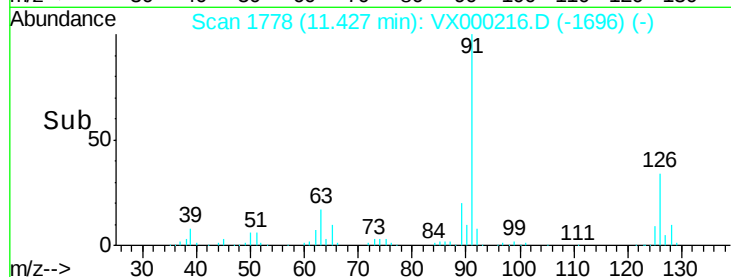
91 100

126 35.3 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.036 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000216.D

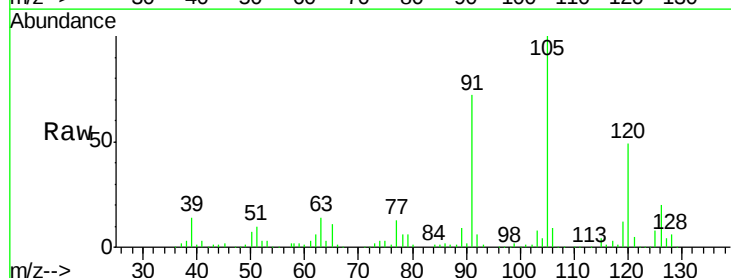
Acq: 08 Mar 2018 11:06

Tgt Ion:105 Resp: 139673

Ion Ratio Lower Upper

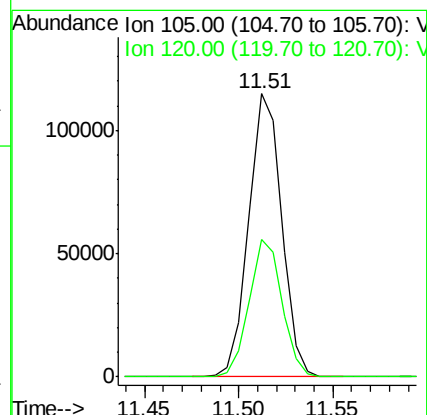
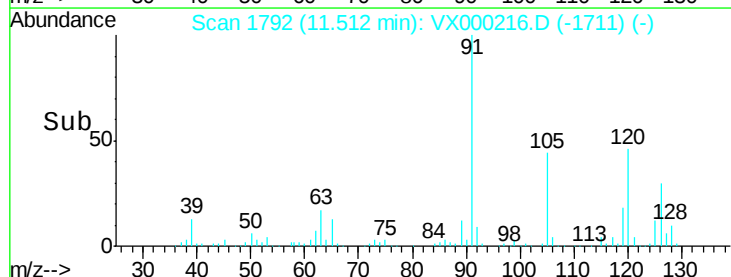
105 100

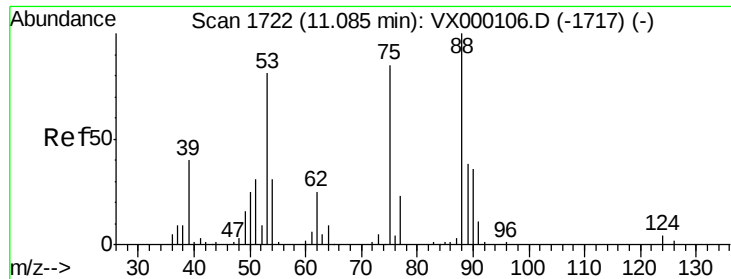
120 48.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

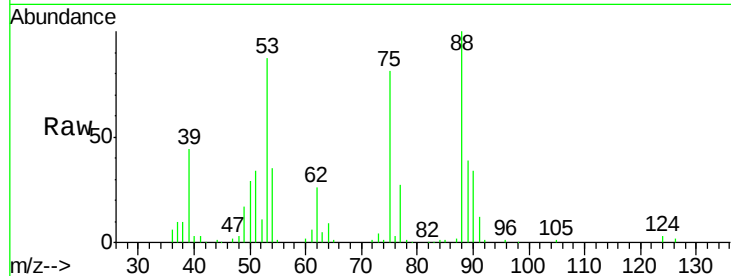




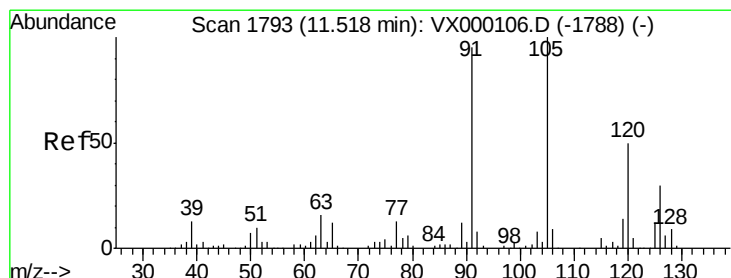
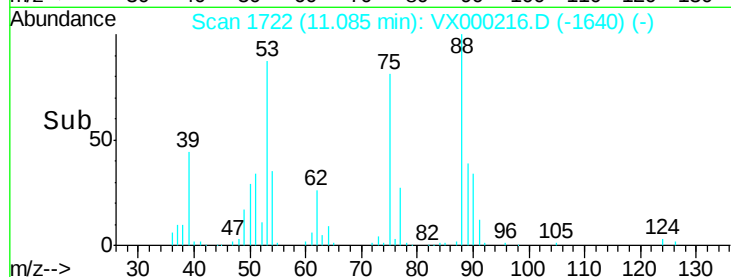
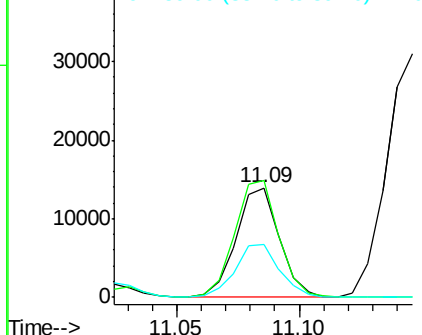
#77
t-1,4-Dichloro-2-butene
Concen: 18.172 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion: 75 Resp: 17172
Ion Ratio Lower Upper
75 100
53 106.9 47.8 143.3
89 48.5 22.3 66.8

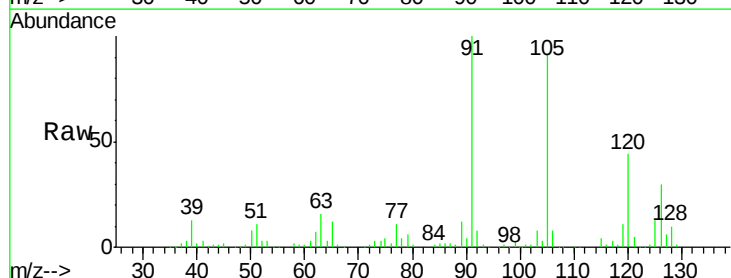


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

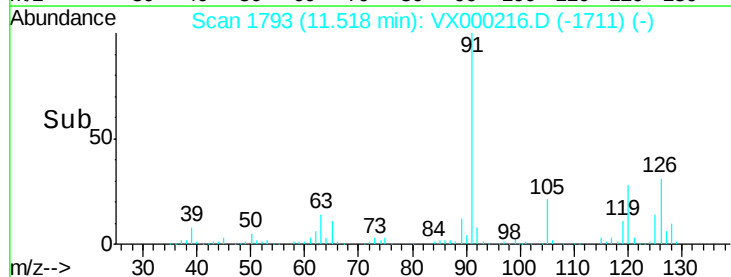
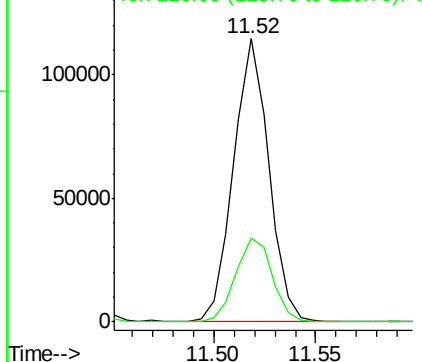


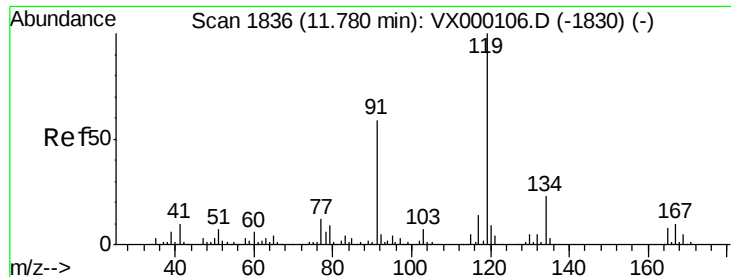
#78
4-Chlorotoluene
Concen: 19.510 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 91 Resp: 136371
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 22.049 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.29 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

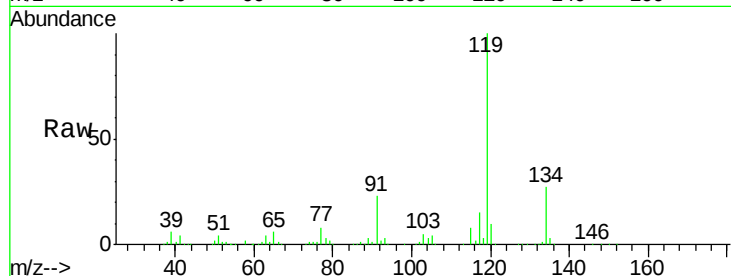
Tot Ion:119 Resp: 161024

Ion Ratio Lower Upper

119 100

91 24.4 0.0 51.6

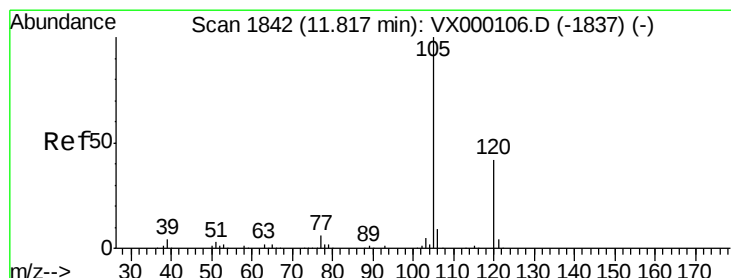
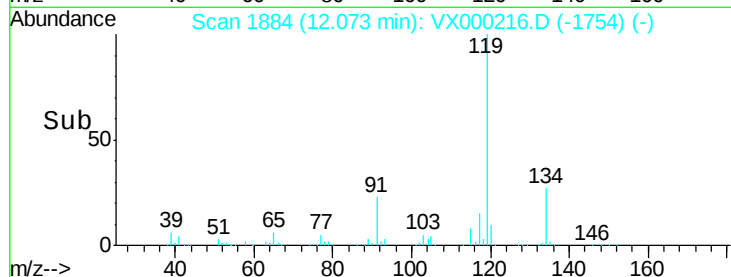
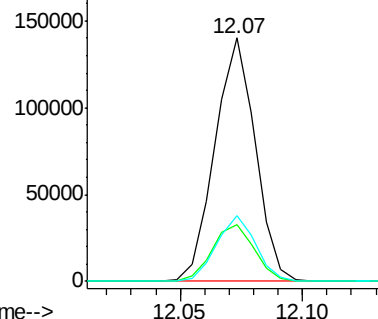
134 26.3 0.0 60.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.702 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000216.D

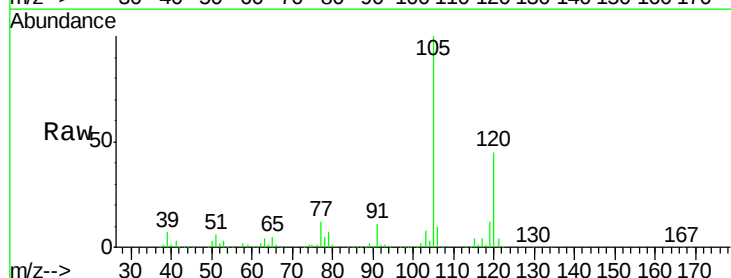
Acq: 08 Mar 2018 11:06

Tgt Ion:105 Resp: 147460

Ion Ratio Lower Upper

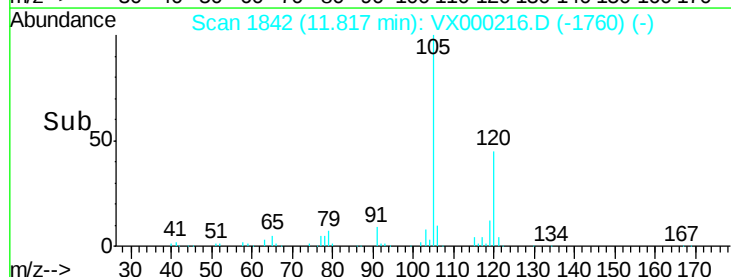
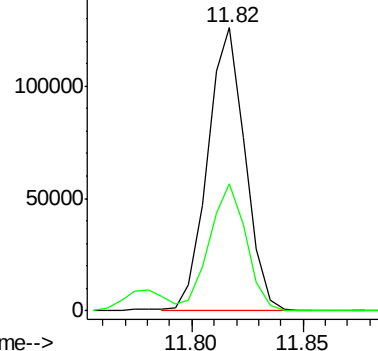
105 100

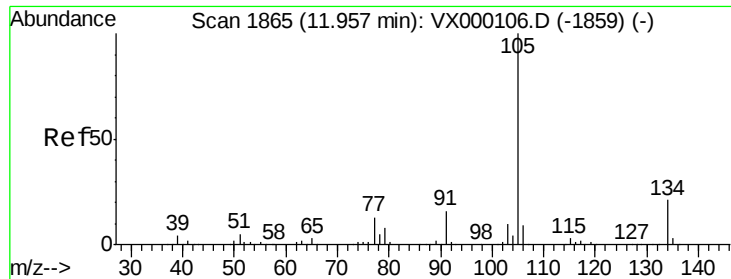
120 44.0 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

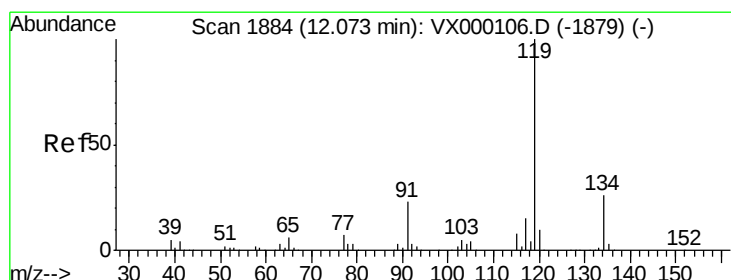
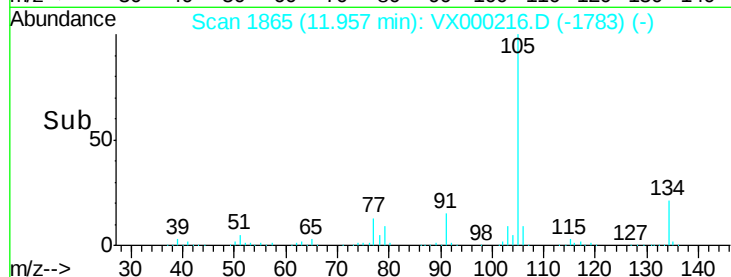
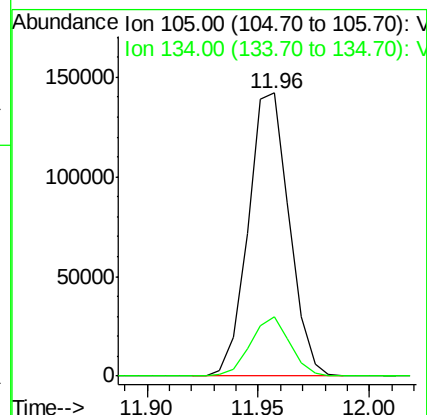
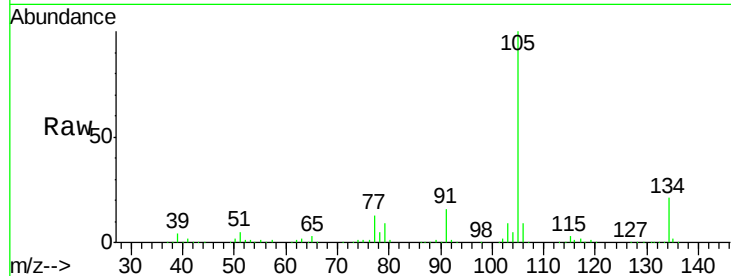




#81
 sec-Butylbenzene
 Concen: 20.193 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

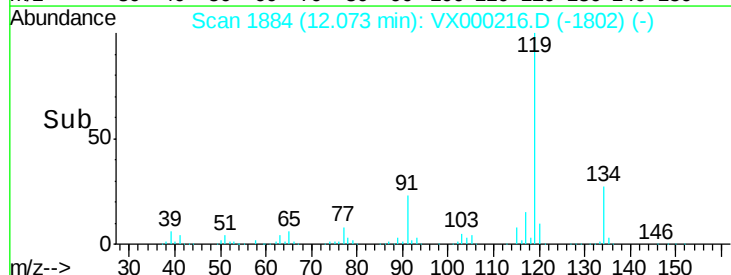
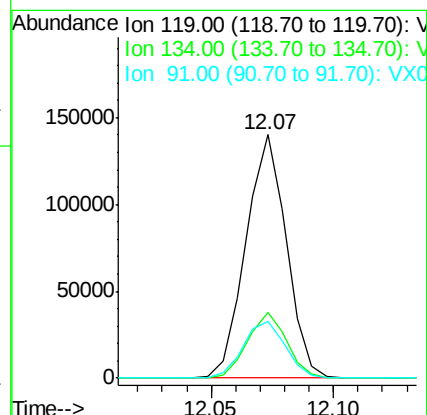
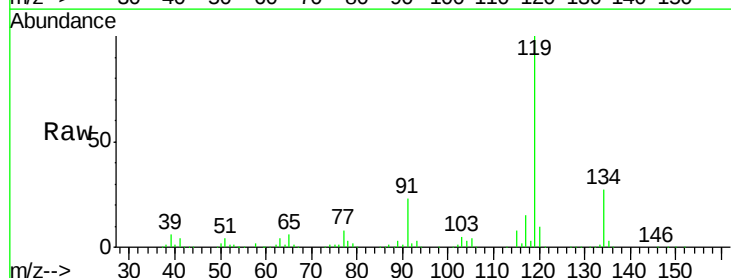
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

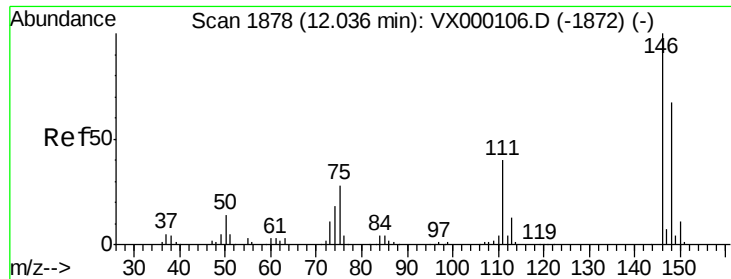
Tot Ion:105 Resp: 182296
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.994 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion:119 Resp: 161024
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 54.4
 91 24.4 0.0 46.6

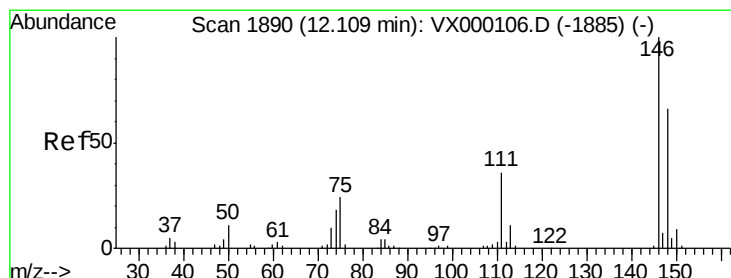
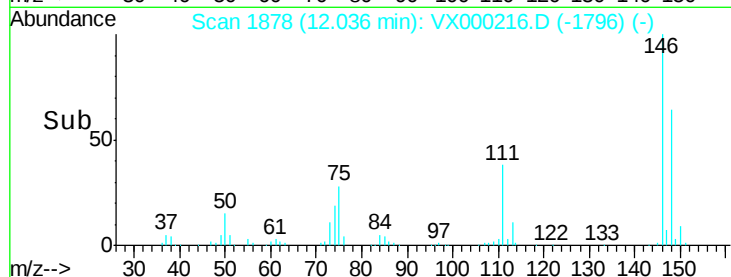
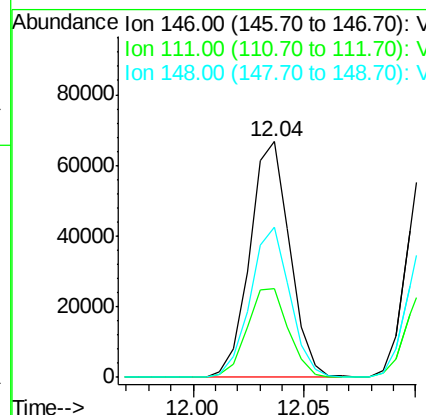
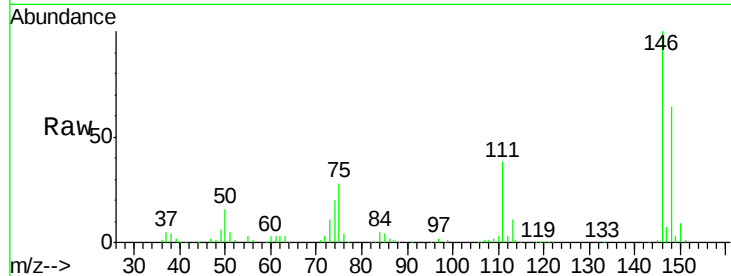




#83
 1,3-Dichlorobenzene
 Concen: 19.328 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

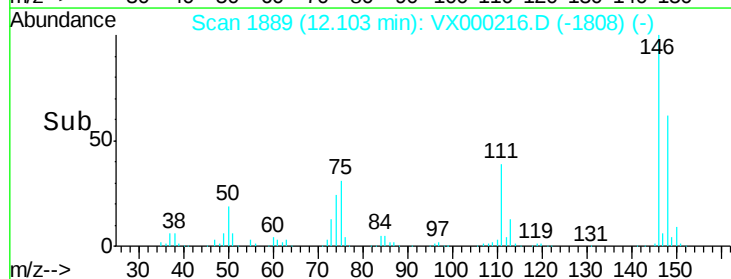
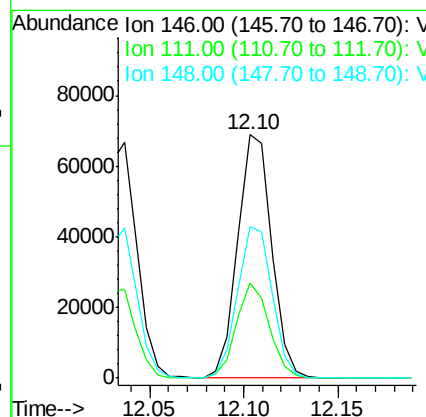
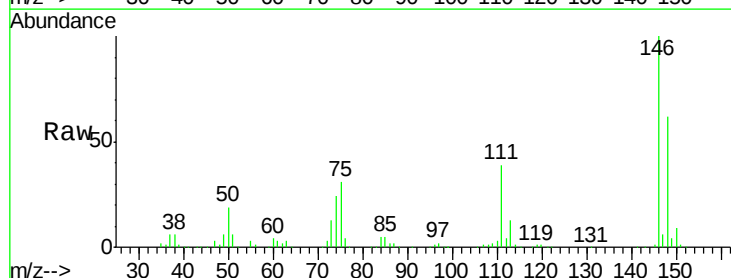
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

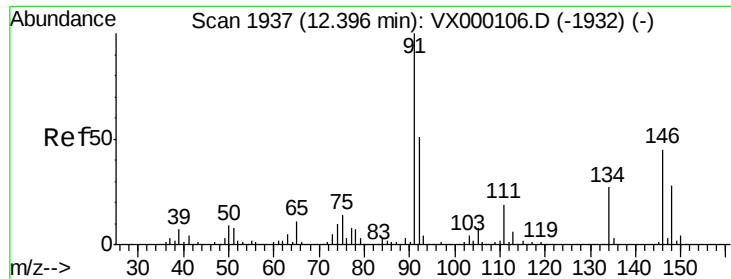
Tot Ion:146 Resp: 83527
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 63.1 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 19.201 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion:146 Resp: 86480
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 63.4 31.9 95.7

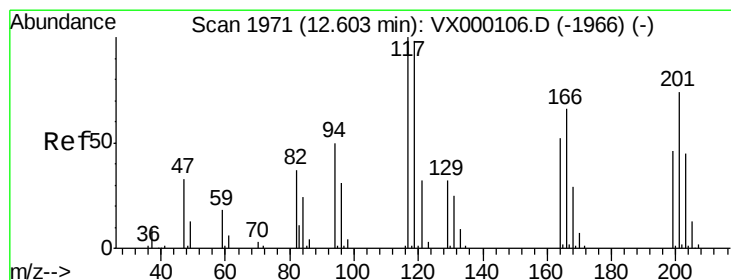
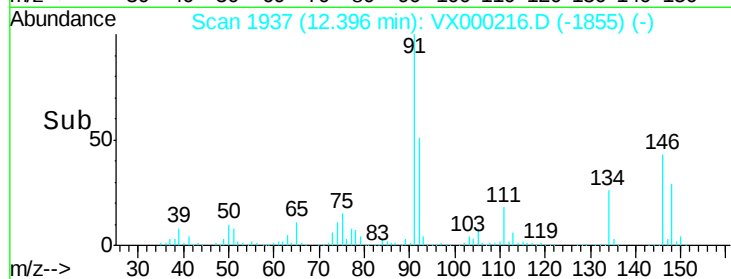
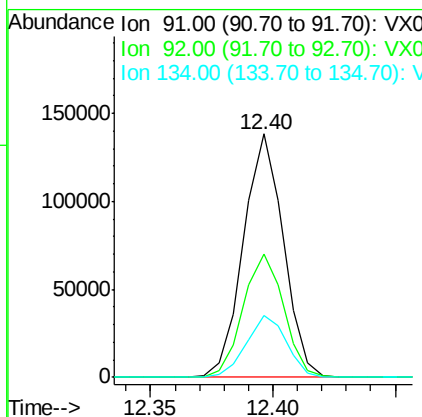
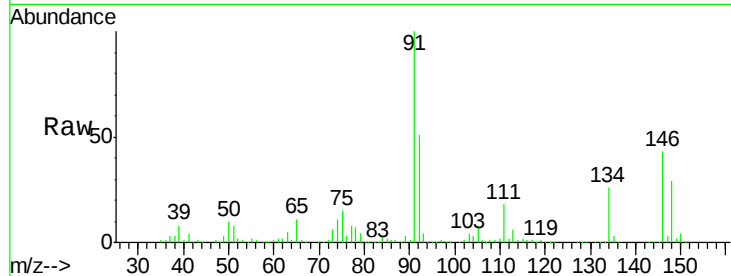




#85
n-Butylbenzene
Concen: 20.872 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

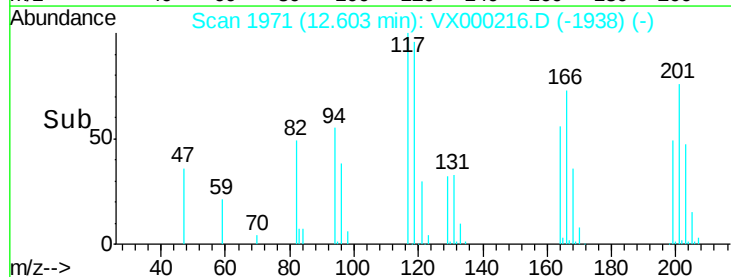
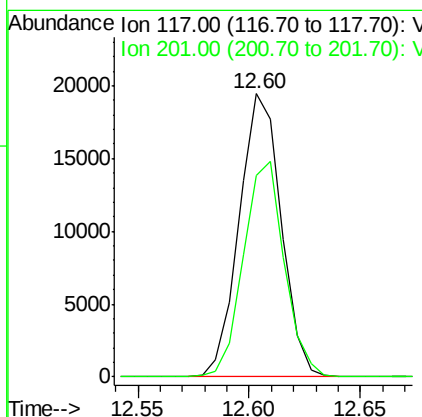
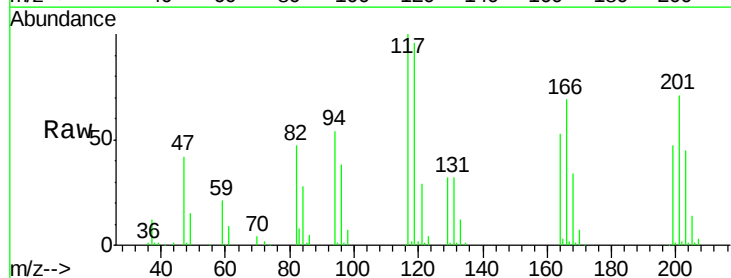
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion: 91 Resp: 157659
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.0
134 25.8 0.0 54.2



#86
Hexachloroethane
Concen: 19.019 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 117 Resp: 25586
Ion Ratio Lower Upper
117 100
201 74.3 38.9 116.6

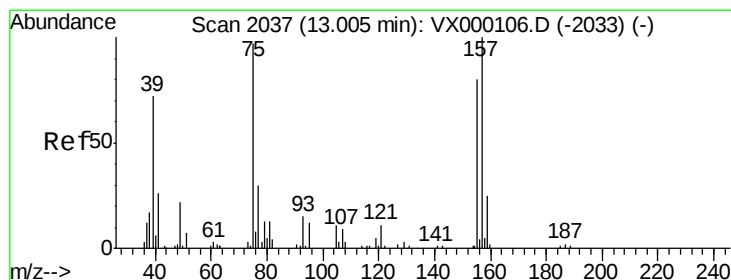
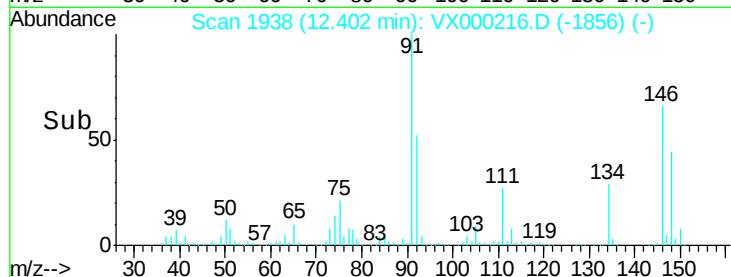
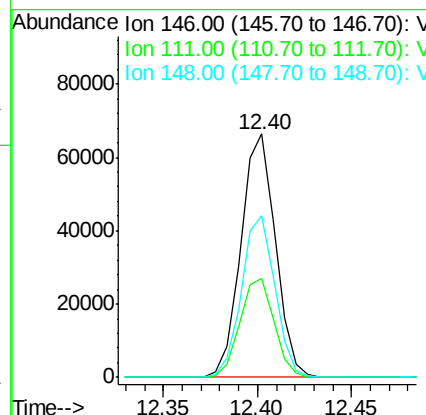
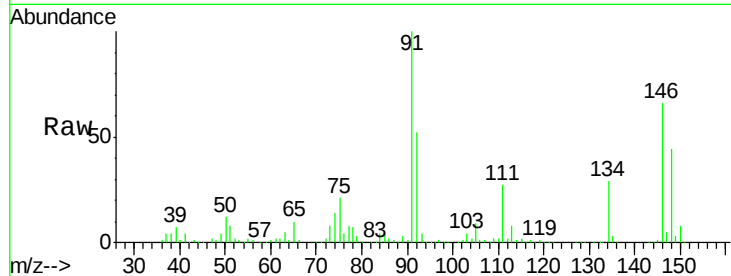




#87
 1,2-Dichlorobenzene
 Concen: 19.676 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

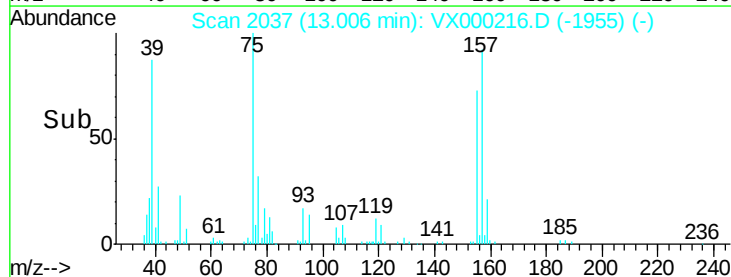
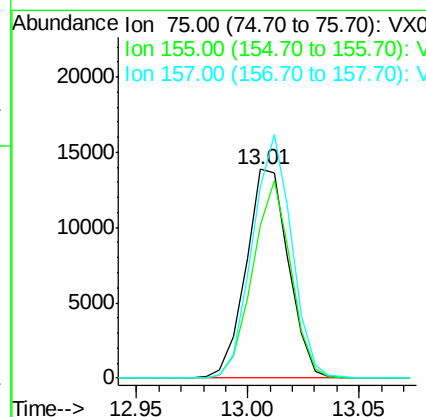
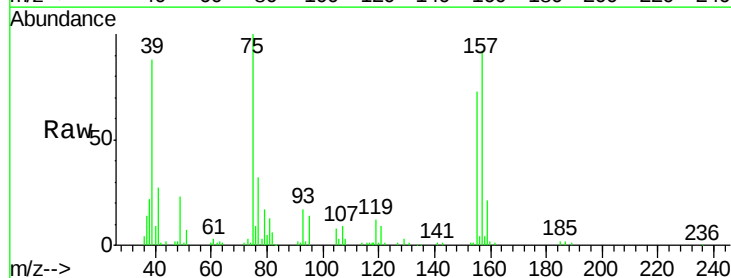
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

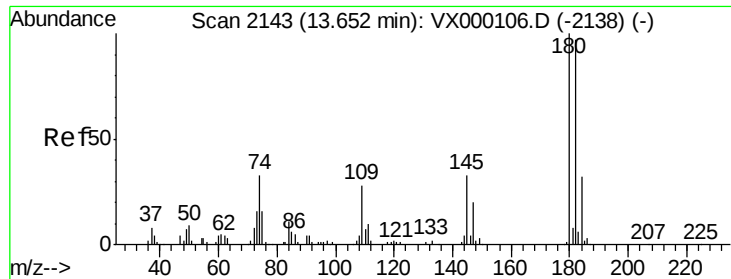
Tot Ion:146 Resp: 84262
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.6 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.122 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 75 Resp: 18428
 Ion Ratio Lower Upper
 75 100
 155 85.2 75.1 112.7
 157 108.0 99.0 148.4

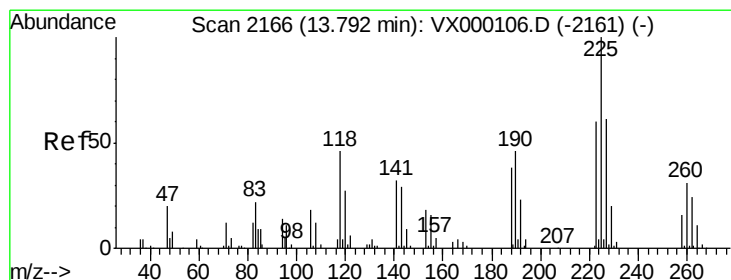
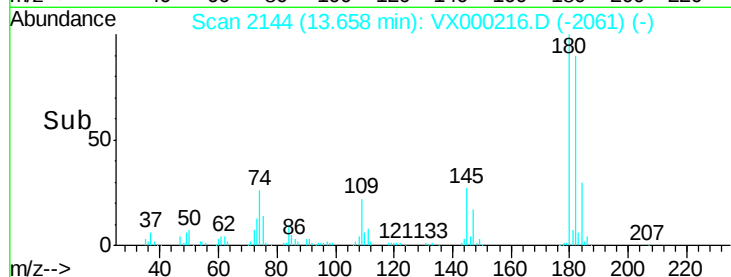
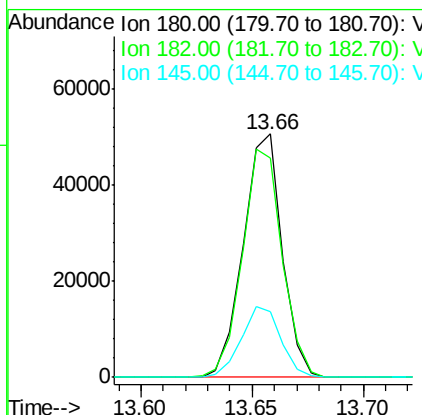
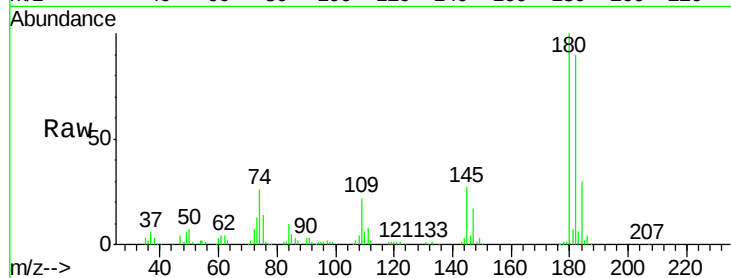




#89
 1,2,4-Trichlorobenzene
 Concen: 19.631 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

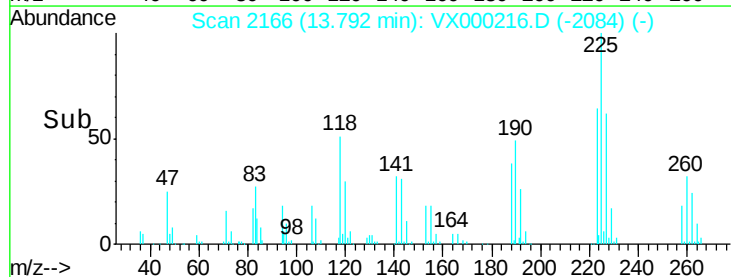
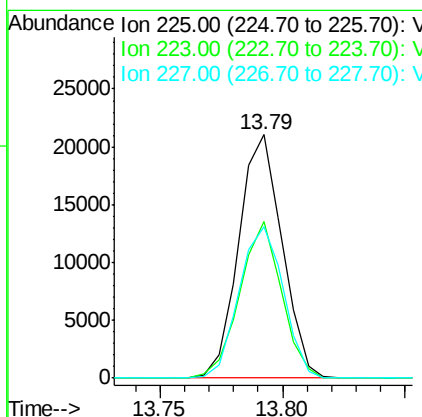
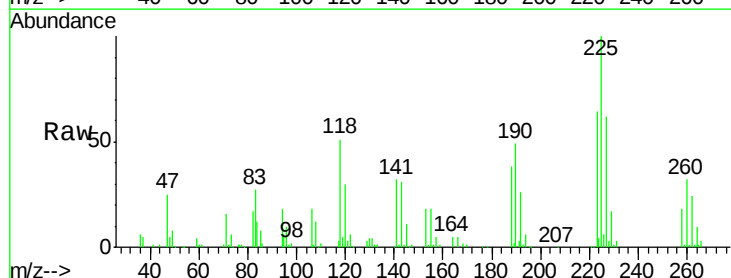
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

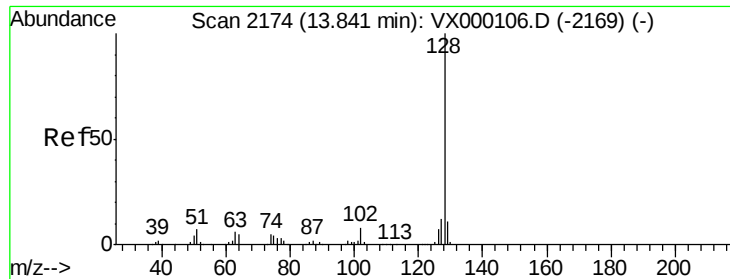
Tot Ion:180 Resp: 61745
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.3 114.5
 145 29.5 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 19.159 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion:225 Resp: 25962
 Ion Ratio Lower Upper
 225 100
 223 61.8 0.0 131.2
 227 63.4 0.0 127.6

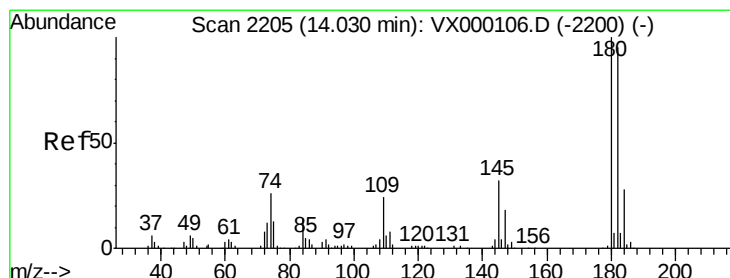
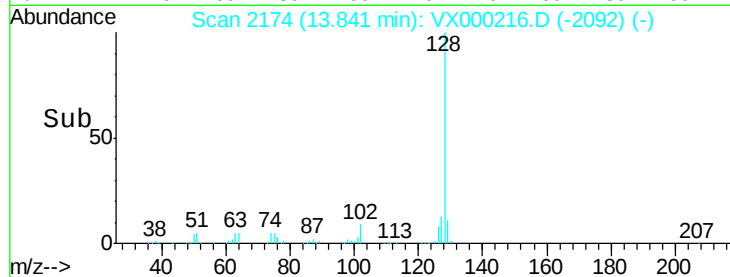
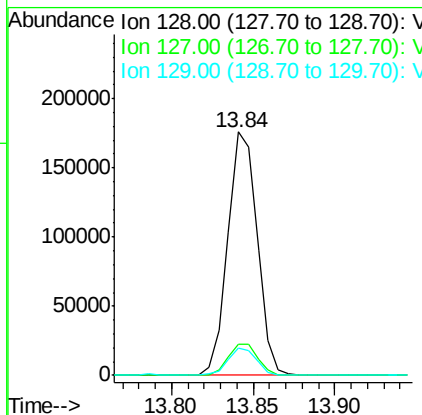
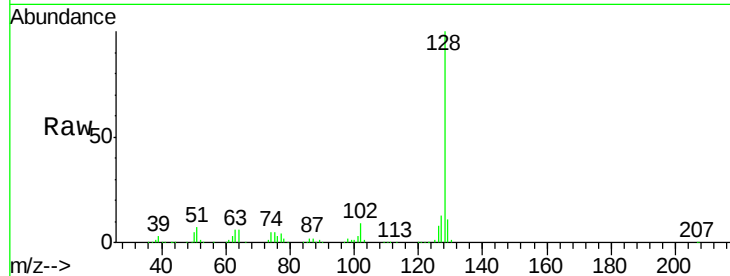




#91
Naphthalene
Concen: 20.107 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion:128 Resp: 221000
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.337 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion:180 Resp: 61147
Ion Ratio Lower Upper
180 100
182 94.7 0.0 188.6
145 31.6 0.0 65.8

