

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000272.D
 Acq On : 12 Mar 2018 12:07
 Operator : JC/MD
 Sample : VX0312MBS01
 Misc : 5.00µg/10µL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:31:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	131102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	218912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	130201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	92562	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.52	113	70524	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.73	98	280649	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.15	95	107838	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26061	18.24	ug/l	100
3) Chloromethane	1.32	50	28654	20.55	ug/l	99
4) Vinyl Chloride	1.41	62	32547	20.02	ug/l	100
5) Bromomethane	1.65	94	30683	17.45	ug/l	99
6) Chloroethane	1.73	64	21285	20.73	ug/l	99
7) Trichlorofluoromethane	1.94	101	55176	20.46	ug/l	97
8) Diethyl Ether	2.20	74	20020	20.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30210	20.06	ug/l	99
10) Methyl Iodide	2.52	142	19251	14.56	ug/l	97
11) Tert butyl alcohol	3.07	59	60420	90.48	ug/l	99
12) 1,1-Dichloroethene	2.39	96	27243	19.70	ug/l	92
13) Acrolein	2.30	56	35488	101.08	ug/l	95
14) Allyl chloride	2.74	41	52269	20.46	ug/l	99
15) Acrylonitrile	3.16	53	115368	99.27	ug/l	99
16) Acetone	2.45	43	128124	98.17	ug/l	97
17) Carbon Disulfide	2.58	76	70068	18.49	ug/l	99
18) Methyl Acetate	2.79	43	55769	20.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	101685	20.65	ug/l	99
20) Methylene Chloride	2.87	84	31380	20.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30542	20.08	ug/l	98
22) Diisopropyl ether	3.89	45	95313	21.73	ug/l	97
23) Vinyl Acetate	3.84	43	468411	110.80	ug/l	99
24) 1,1-Dichloroethane	3.71	63	56469	21.00	ug/l	99
25) 2-Butanone	4.73	43	153735	95.45	ug/l	96
26) 2,2-Dichloropropane	4.60	77	38937	19.81	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	29658	20.57	ug/l	96
28) Bromochloromethane	5.03	49	23495	20.56	ug/l	98
29) Tetrahydrofuran	5.18	42	95356	94.26	ug/l	99
30) Chloroform	5.23	83	52487	20.19	ug/l	94
31) Cyclohexane	5.59	56	38911	19.57	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	46326	20.55	ug/l	98
36) 1,1-Dichloropropene	5.82	75	38393	19.71	ug/l	98
37) Ethyl Acetate	4.88	43	52912	18.80	ug/l	100
38) Carbon Tetrachloride	5.80	117	38405	19.48	ug/l #	94

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:31:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	45095	18.87	ug/l	97
40) Benzene	6.16	78	109762	19.54	ug/l	98
41) Methacrylonitrile	5.07	41	26778	18.66	ug/l	99
42) 1,2-Dichloroethane	6.21	62	43978	19.96	ug/l	100
43) Isopropyl Acetate	6.48	43	77659	19.08	ug/l	99
44) Trichloroethene	7.22	130	31640	19.68	ug/l	99
45) 1,2-Dichloropropane	7.52	63	28186	19.81	ug/l	92
46) Dibromomethane	7.67	93	21825	19.39	ug/l	93
47) Bromodichloromethane	7.91	83	39453	19.92	ug/l	93
48) Methyl methacrylate	7.79	41	38395	19.15	ug/l	96
49) 1,4-Dioxane	7.77	88	16937	372.17	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	301371	98.10	ug/l	97
52) Toluene	8.79	92	76115	19.77	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	47025	20.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	45777	20.28	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	31195	20.00	ug/l	98
56) Ethyl methacrylate	9.19	69	48242	20.67	ug/l	96
57) 1,3-Dichloropropane	9.38	76	51458	19.65	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	120767	102.49	ug/l	97
59) 2-Hexanone	9.51	43	250878	95.78	ug/l	99
60) Dibromochloromethane	9.59	129	32034	19.48	ug/l	98
61) 1,2-Dibromoethane	9.68	107	35185	20.32	ug/l	97
64) Tetrachloroethene	9.34	164	31262	20.13	ug/l	96
65) Chlorobenzene	10.15	112	91220	20.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	30676	20.01	ug/l	96
67) Ethyl Benzene	10.26	91	153532	19.62	ug/l	100
68) m/p-Xylenes	10.37	106	117879	39.14	ug/l	96
69) o-Xylene	10.71	106	58828	20.32	ug/l	99
70) Styrene	10.72	104	96480	20.09	ug/l	99
71) Bromoform	10.87	173	24990	18.10	ug/l #	99
73) Isopropylbenzene	11.02	105	155986	19.14	ug/l	100
74) N-amyl acetate	6.48	43	77659	18.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57497	20.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65821	25.22	ug/l	82
77) Bromobenzene	11.26	156	39820	18.89	ug/l	95
78) n-propylbenzene	11.37	91	187834	19.58	ug/l	98
79) 2-Chlorotoluene	11.43	91	106530	19.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	135679	19.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14645	17.18	ug/l	88
82) 4-Chlorotoluene	11.52	91	132209	20.09	ug/l	98
83) tert-Butylbenzene	11.78	119	129940	19.62	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	140414	20.06	ug/l	99
85) sec-Butylbenzene	11.96	105	169096	20.19	ug/l	98
86) p-Isopropyltoluene	12.07	119	149659	20.26	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	79127	19.75	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	83675	19.93	ug/l	99
89) n-Butylbenzene	12.40	91	144390	20.30	ug/l	98
90) Hexachloroethane	12.60	117	21701	18.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	80657	20.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15133	18.86	ug/l	95

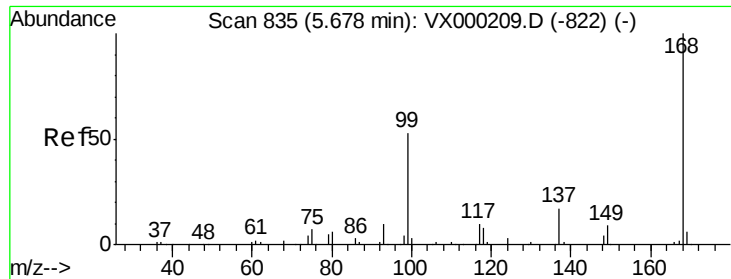
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
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ClientSampleId :

Quant Time: Mar 13 04:31:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56630	19.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	22739	18.93	ug/l	99
95) Naphthalene	13.84	128	202445	20.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56380	19.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

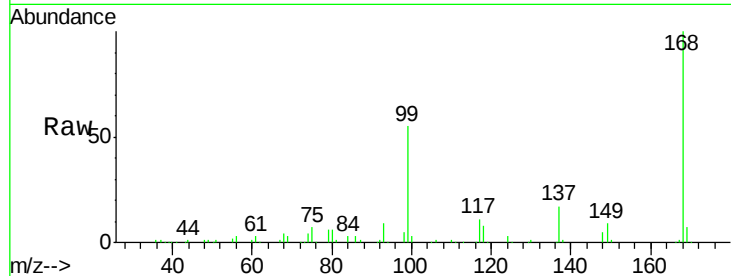
ClientSampleId :

Tot Ion:168 Resp: 131102

Ion Ratio Lower Upper

168 100

99 54.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

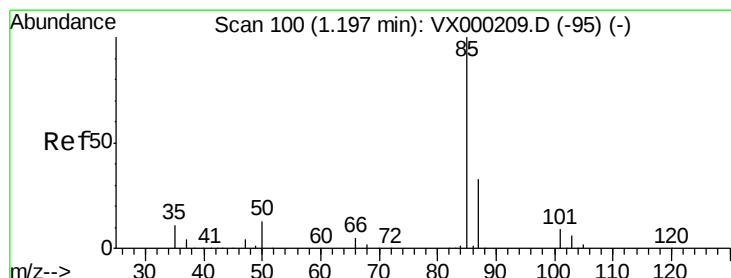
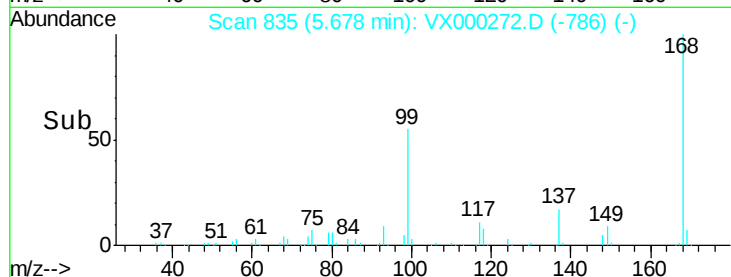
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000272.D

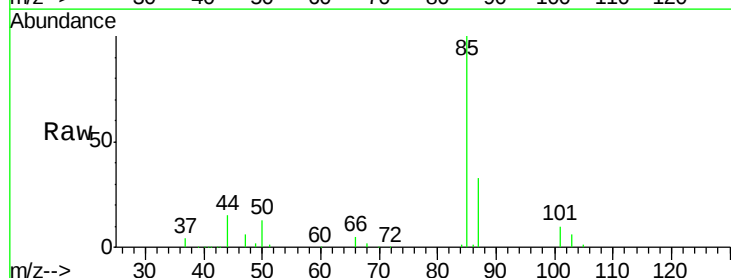
Acq: 12 Mar 2018 12:07

Tgt Ion: 85 Resp: 26061

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

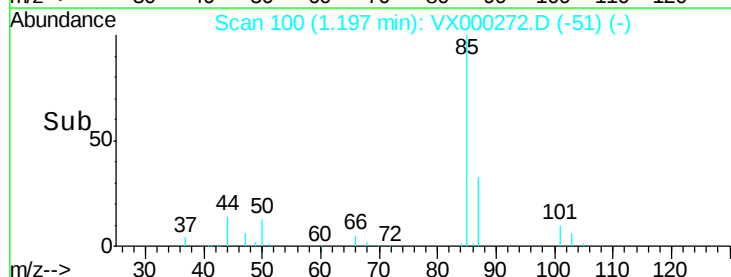
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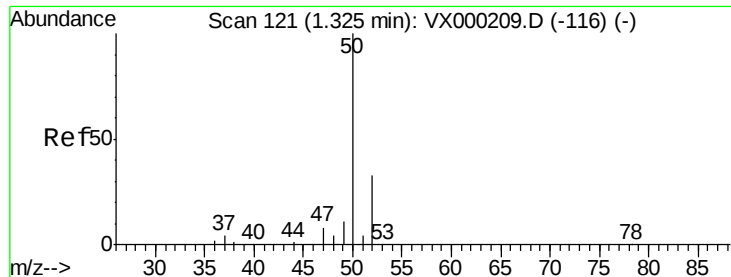
5000

0

1.15 1.20 1.25

Time-->

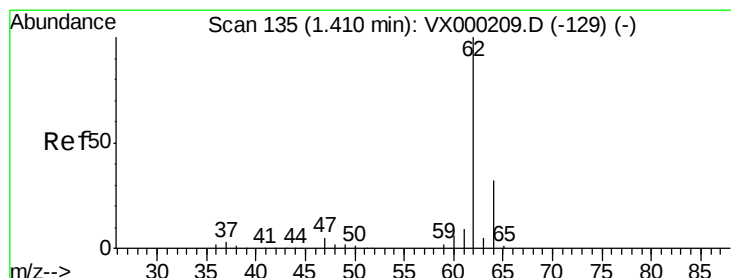
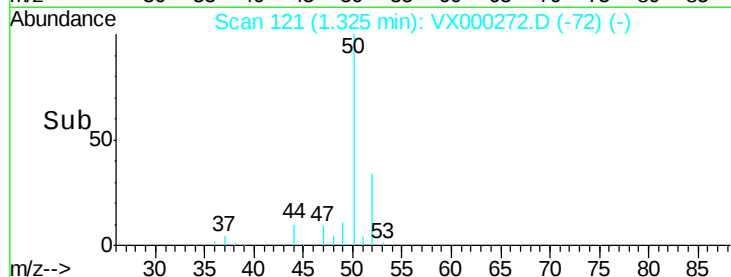
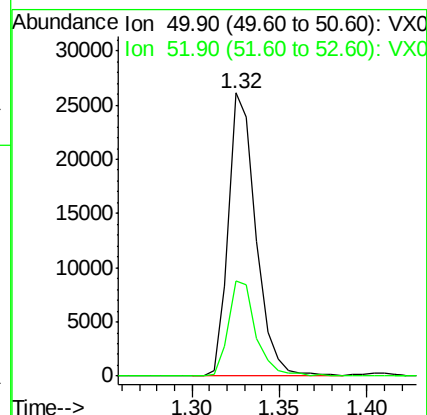
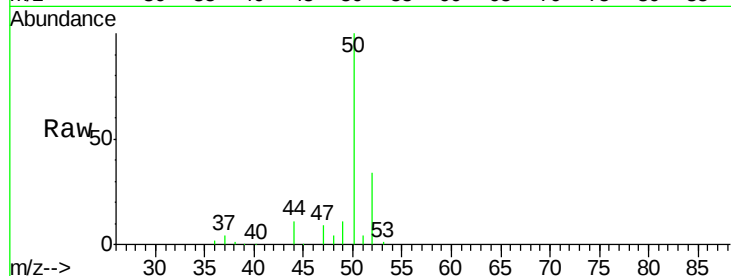




#3
Chloromethane
Concen: 20.55 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

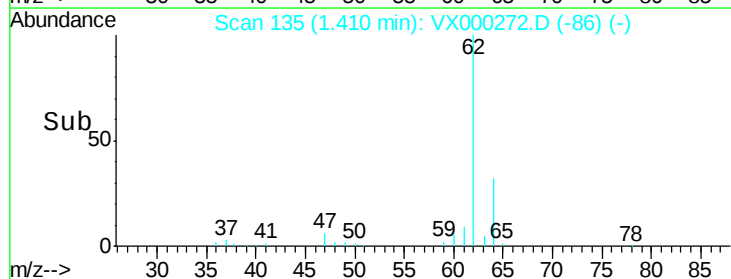
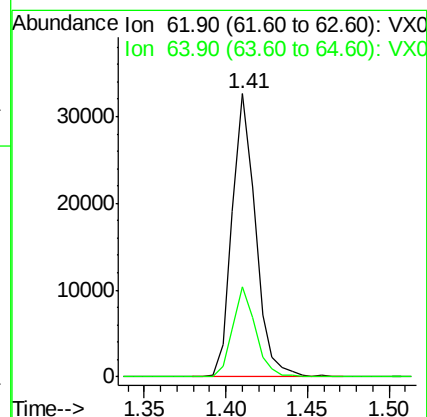
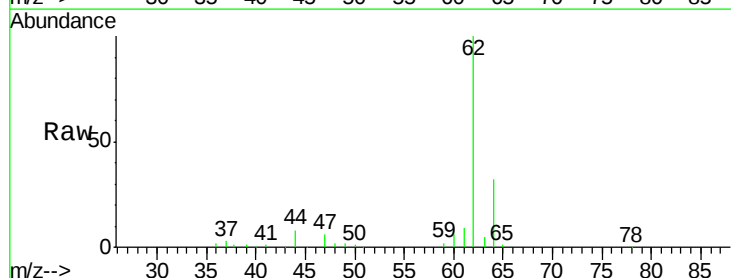
Instrument :
MSVOA_X
ClientSampleId :

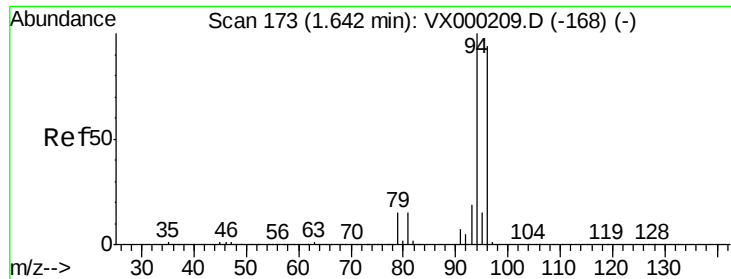
Tot Ion: 50 Resp: 28654
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 20.02 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 62 Resp: 32547
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5

Bromomethane

Concen: 17.45 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

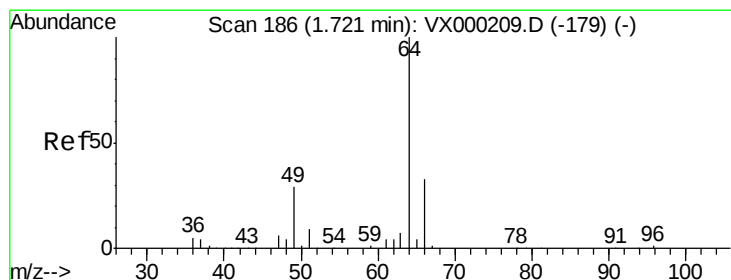
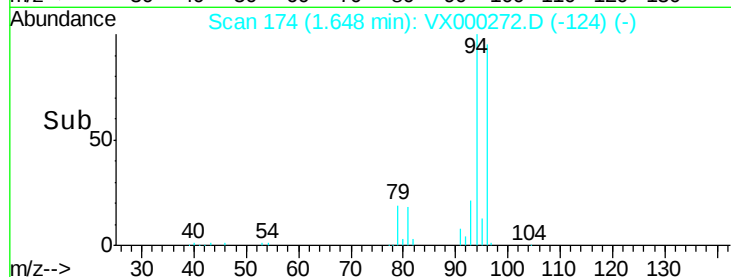
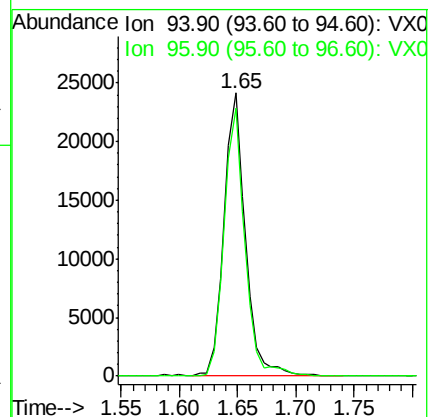
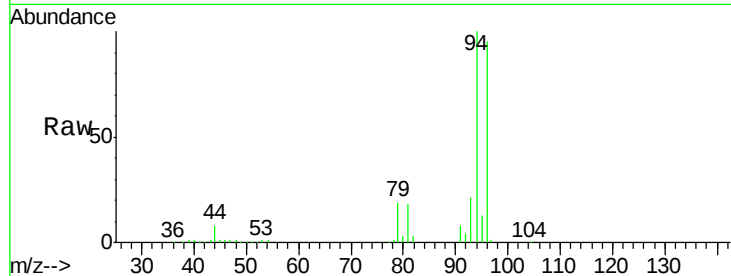
ClientSampled :

Tot Ion: 94 Resp: 30683

Ion Ratio Lower Upper

94 100

96 94.8 75.3 112.9



#6

Chloroethane

Concen: 20.73 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000272.D

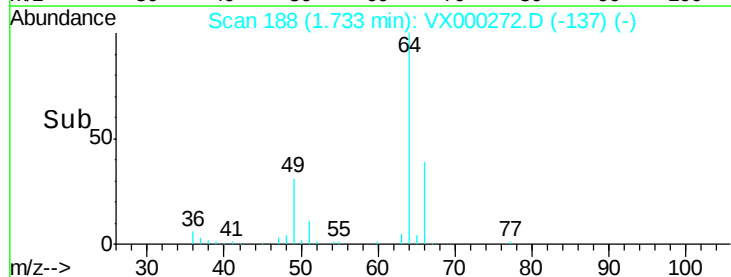
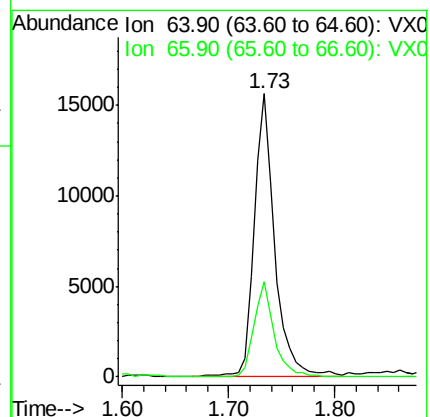
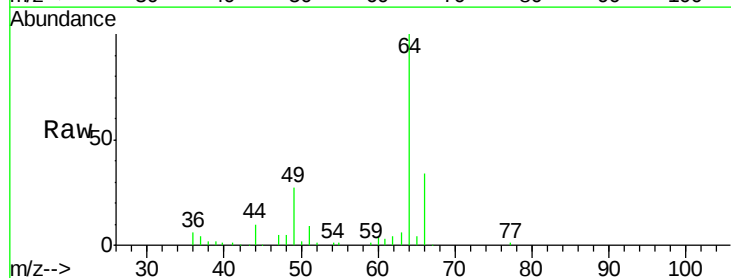
Acq: 12 Mar 2018 12:07

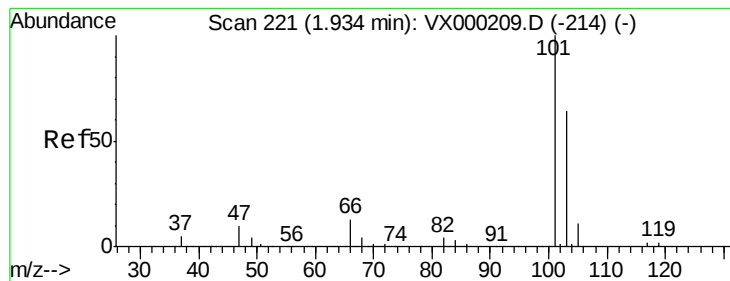
Tgt Ion: 64 Resp: 21285

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.4



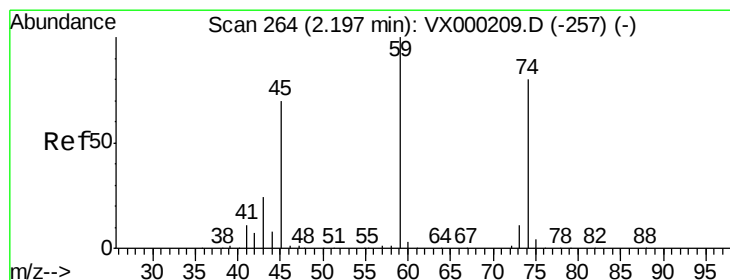
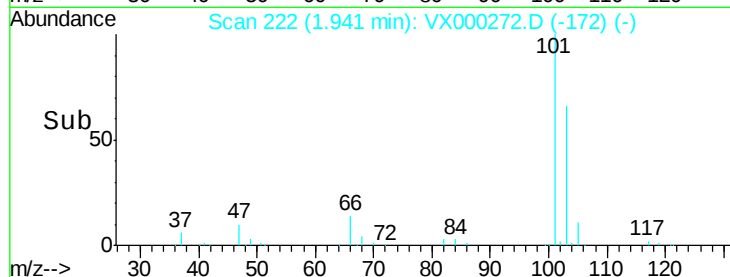
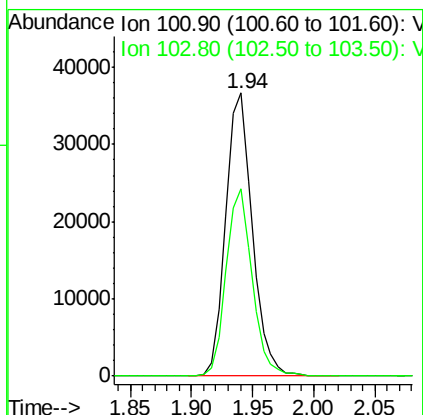
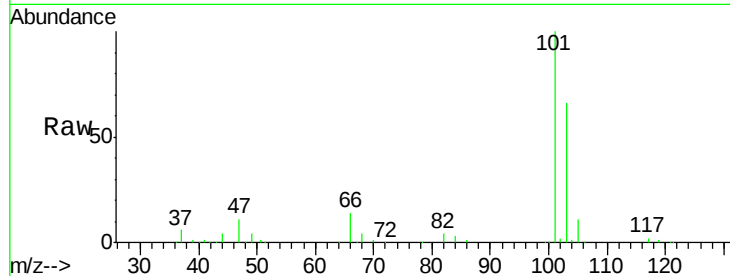


#7

Trichlorofluoromethane
 Concen: 20.46 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

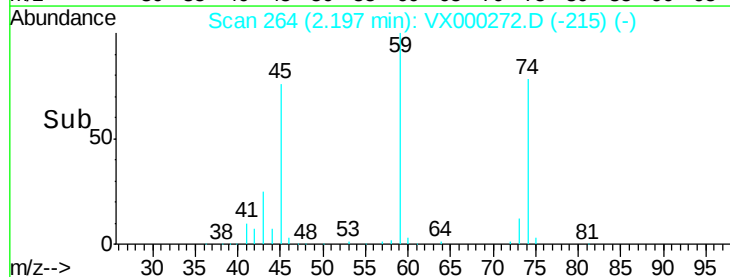
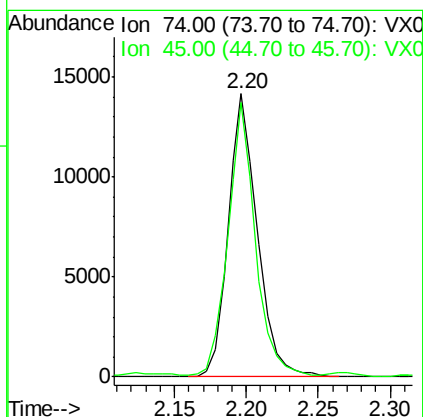
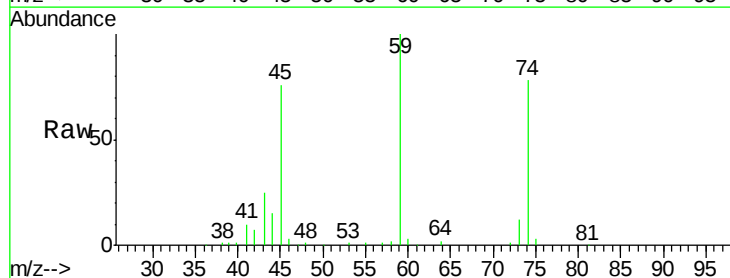
Tot Ion:101 Resp: 55176
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.2 76.8

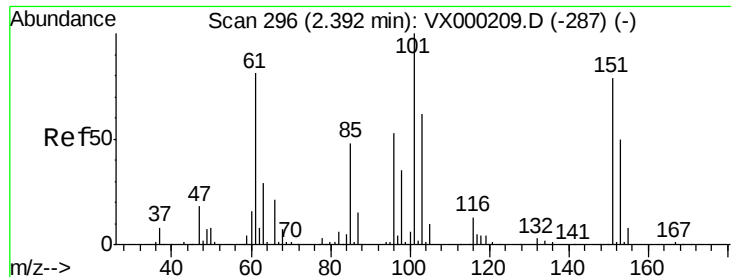


#8

Diethyl Ether
 Concen: 20.23 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 74 Resp: 20020
 Ion Ratio Lower Upper
 74 100
 45 90.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.06 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

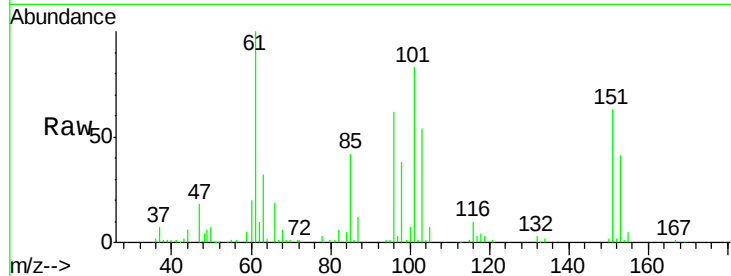
Tot Ion:101 Resp: 30210

Ion Ratio Lower Upper

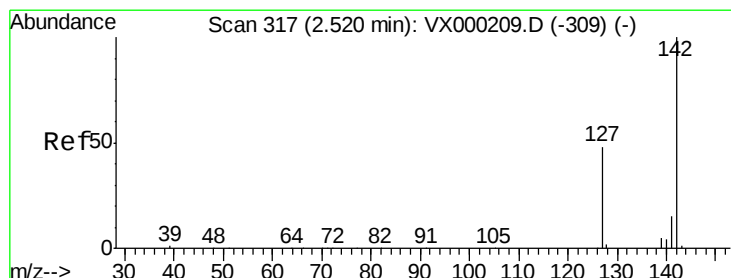
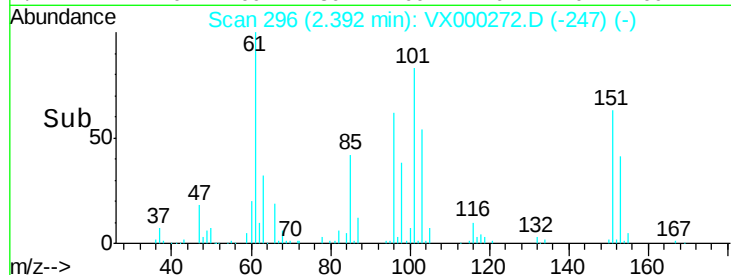
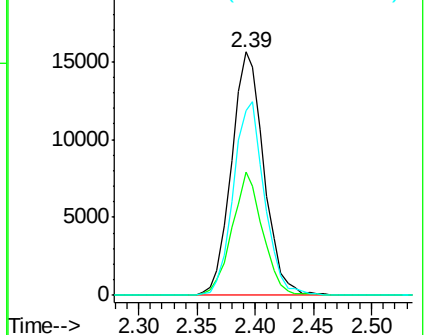
101 100

85 48.1 38.3 57.5

151 76.8 62.8 94.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.56 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

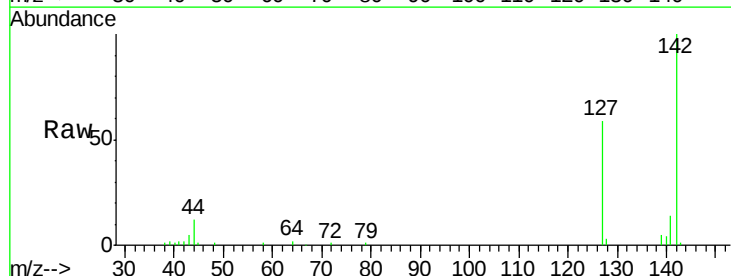
Tgt Ion:142 Resp: 19251

Ion Ratio Lower Upper

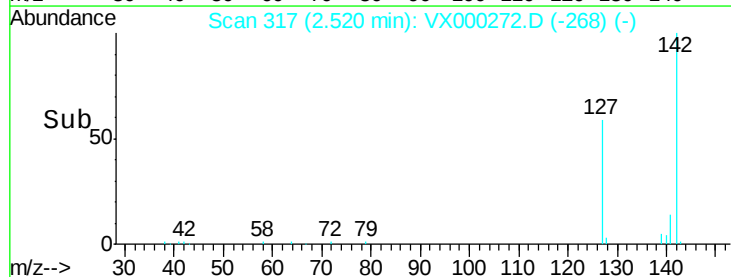
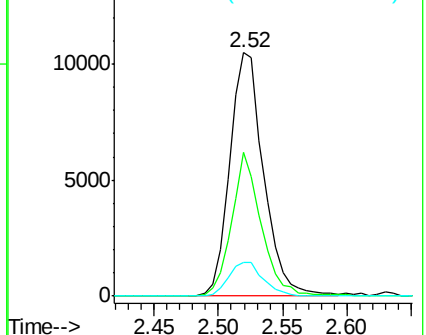
142 100

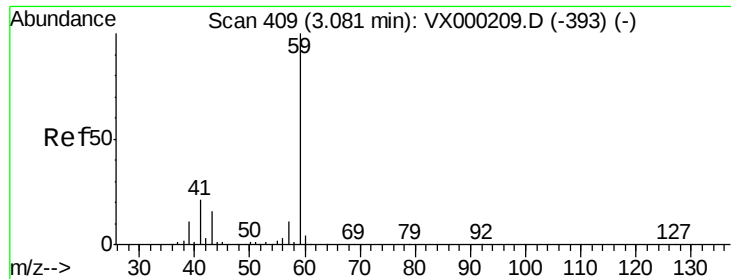
127 51.2 39.0 58.6

141 14.0 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



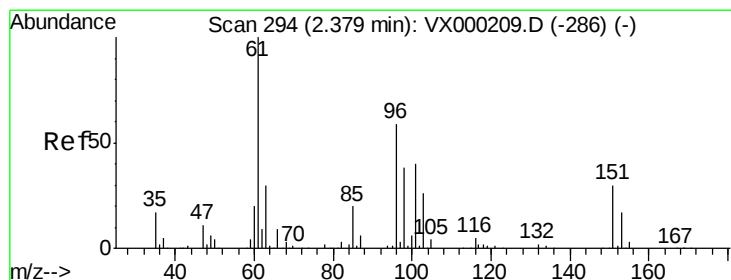
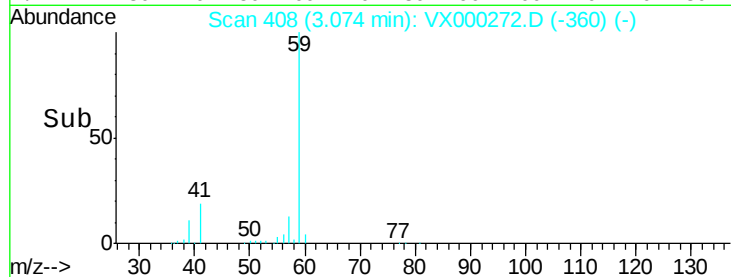
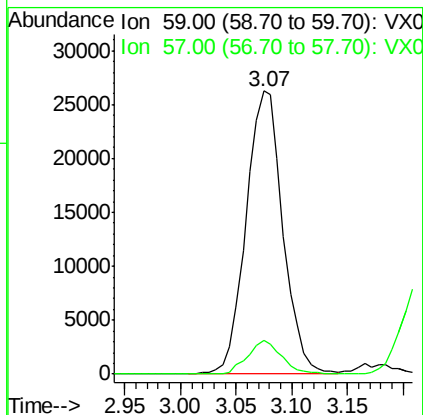
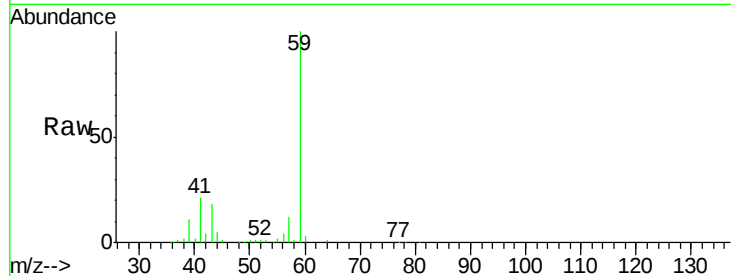


#11

Tert butyl alcohol
 Concen: 90.48 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

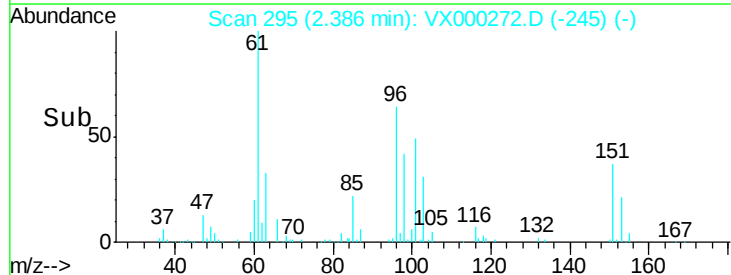
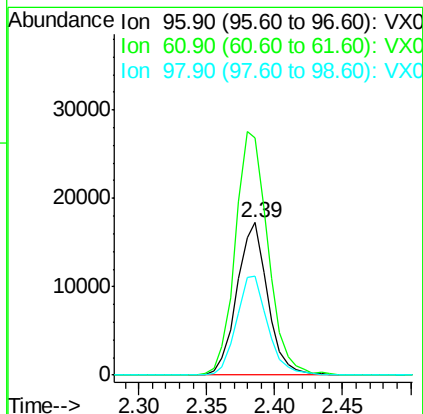
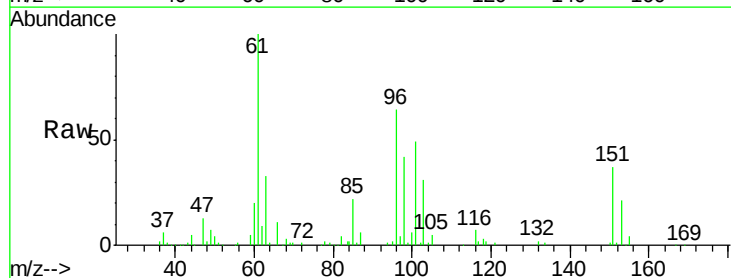
Tot Ion: 59 Resp: 60420
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

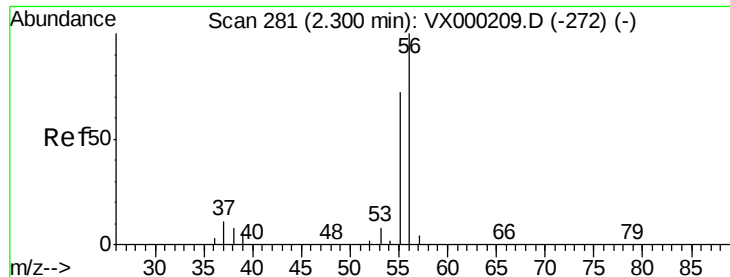


#12

1,1-Dichloroethene
 Concen: 19.70 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 96 Resp: 27243
 Ion Ratio Lower Upper
 96 100
 61 155.6 135.8 203.6
 98 64.8 51.1 76.7

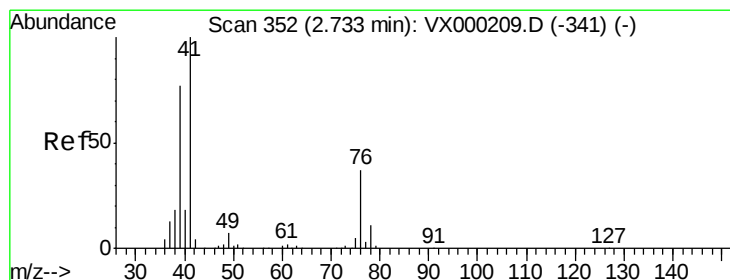
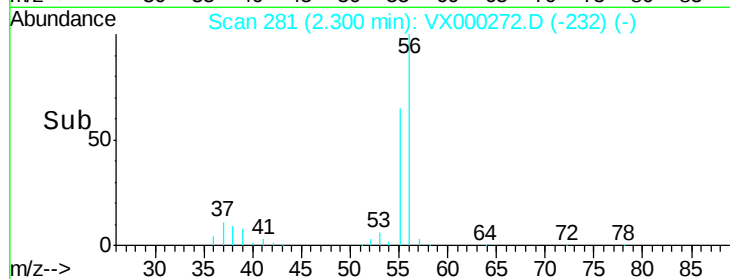
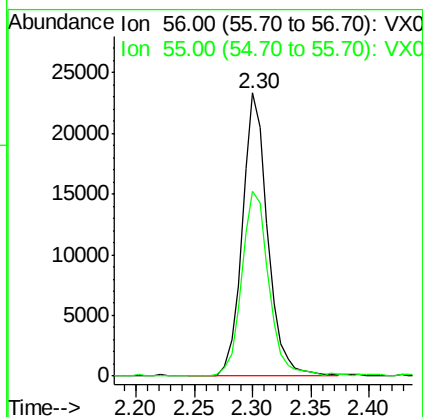
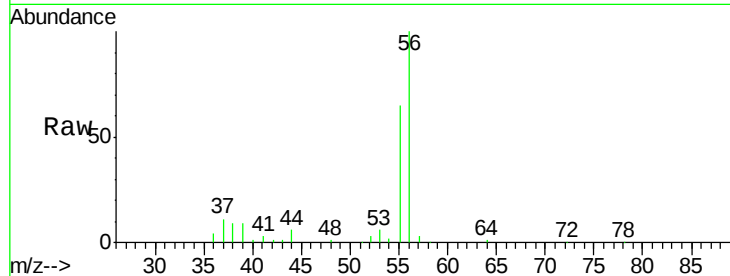




#13
Acrolein
Concen: 101.08 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

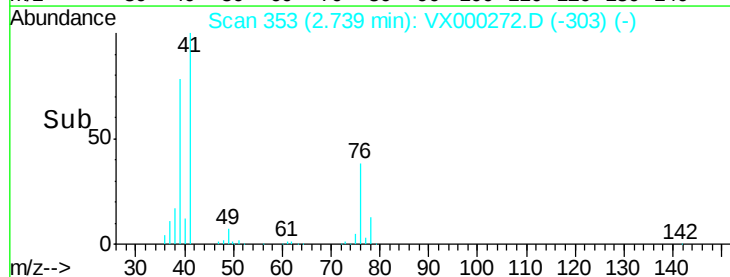
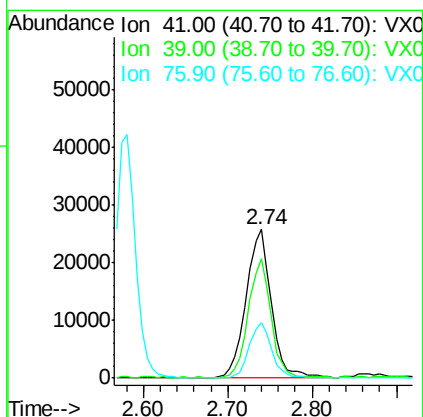
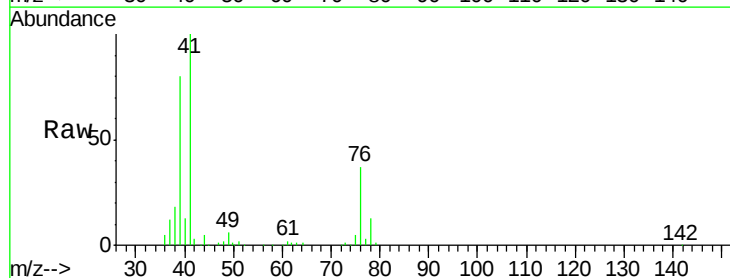
Instrument :
MSVOA_X
ClientSampleId :

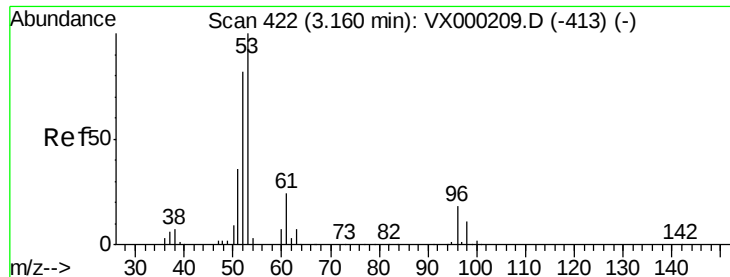
Tot Ion: 56 Resp: 35488
Ion Ratio Lower Upper
56 100
55 69.4 59.2 88.8



#14
Allyl chloride
Concen: 20.46 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 41 Resp: 52269
Ion Ratio Lower Upper
41 100
39 70.4 57.0 85.6
76 33.0 26.8 40.2





#15

Acrylonitrile

Concen: 99.27 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :

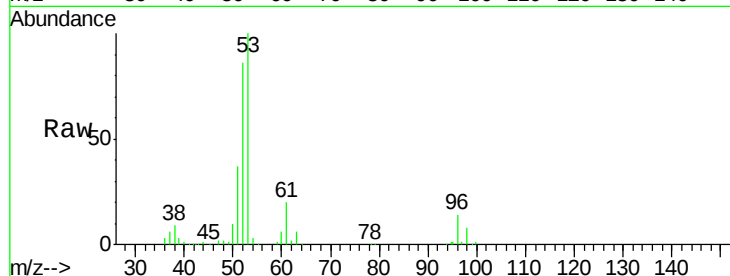
Tot Ion: 53 Resp: 115368

Ion Ratio Lower Upper

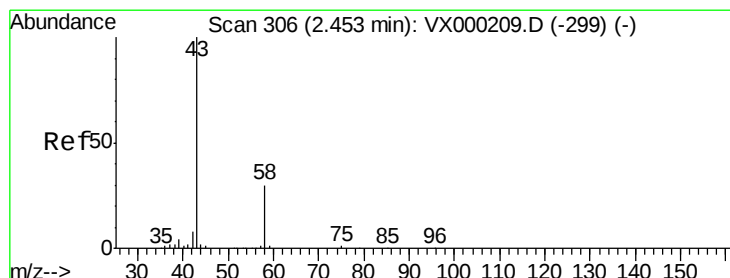
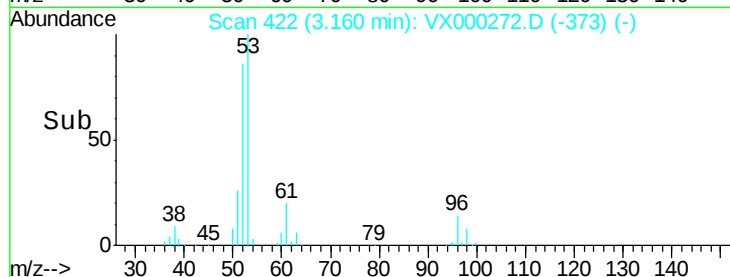
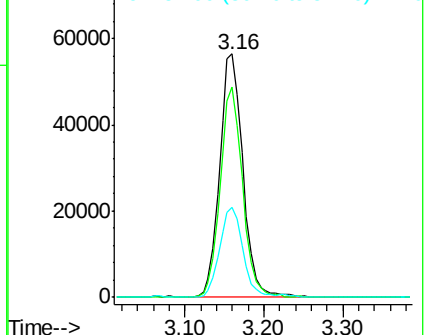
53 100

52 83.5 66.3 99.5

51 37.8 29.6 44.4



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



#16

Acetone

Concen: 98.17 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000272.D

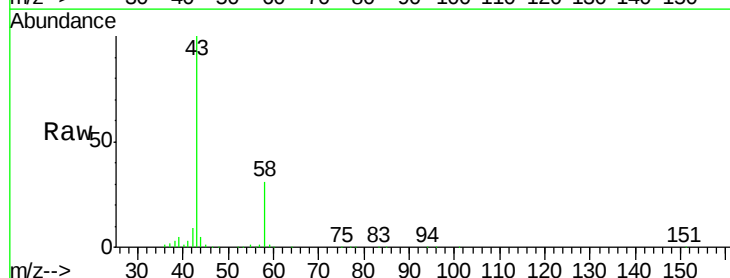
Acq: 12 Mar 2018 12:07

Tgt Ion: 43 Resp: 128124

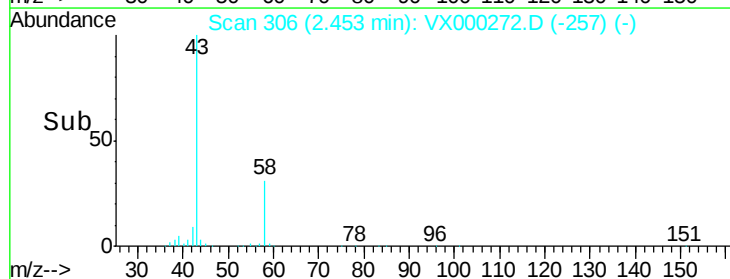
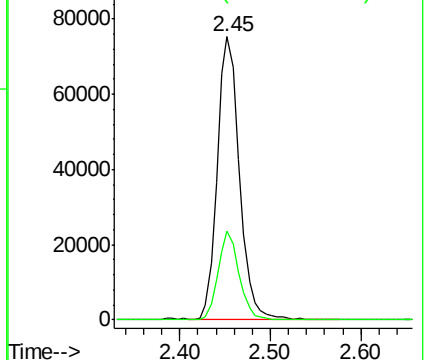
Ion Ratio Lower Upper

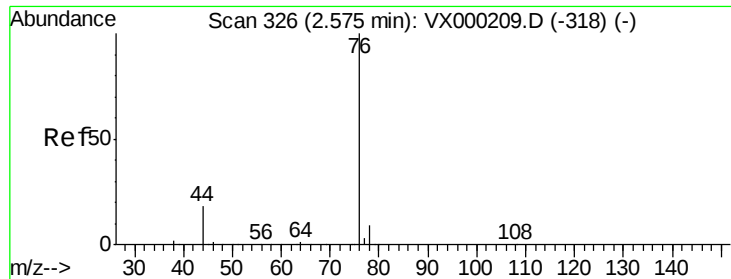
43 100

58 31.2 23.8 35.6



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

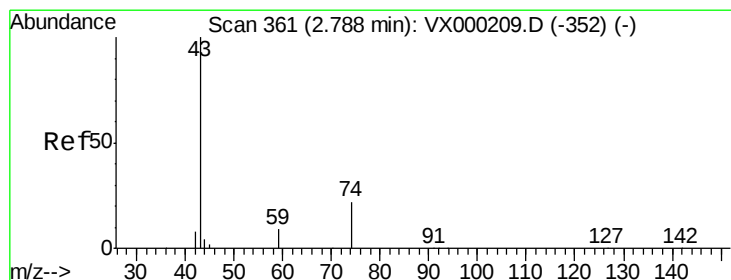
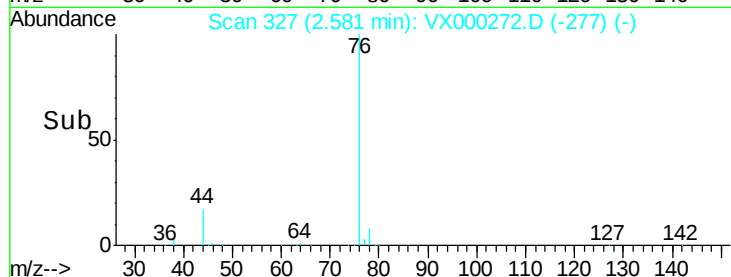
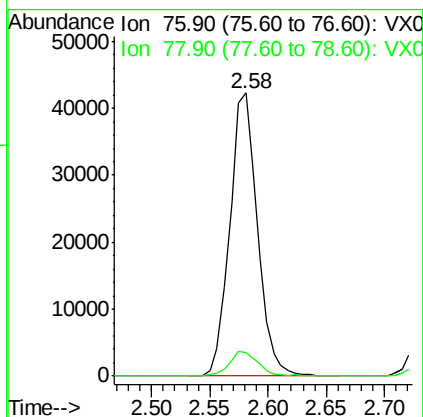
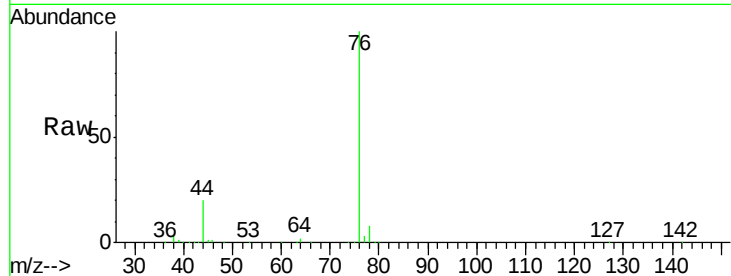




#17
Carbon Disulfide
Concen: 18.49 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

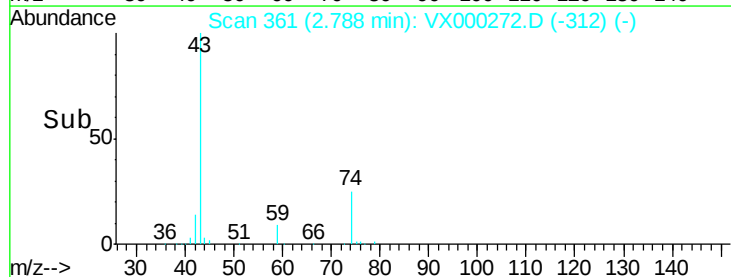
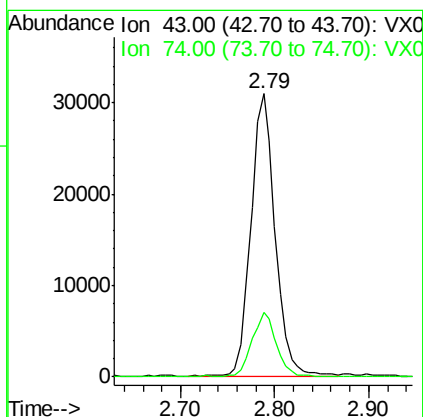
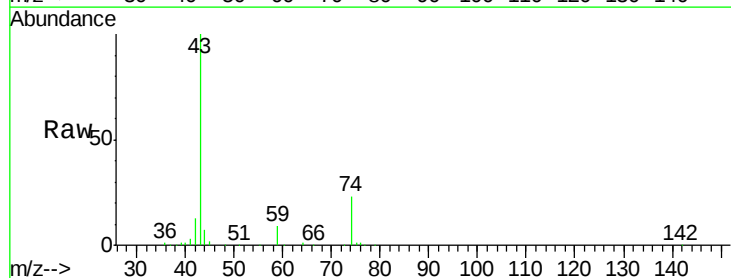
Instrument :
MSVOA_X
ClientSampleId :

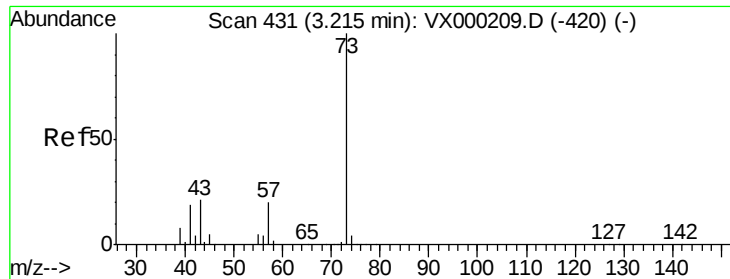
Tot Ion: 76 Resp: 70068
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 20.06 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 43 Resp: 55769
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3



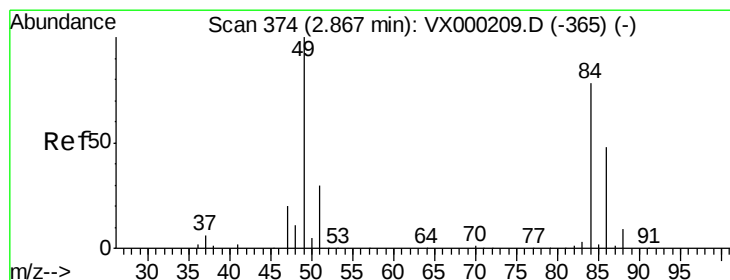
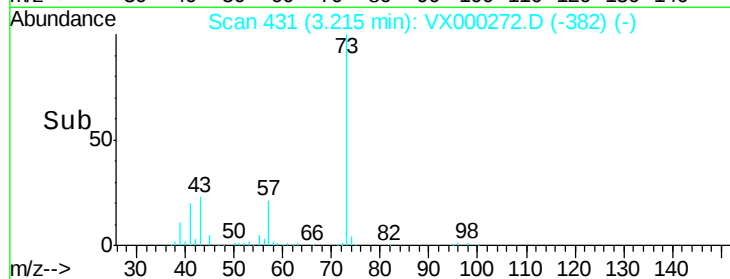
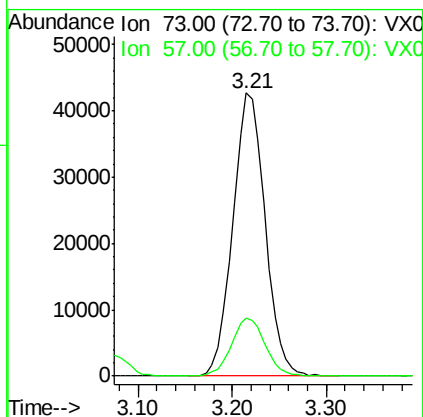
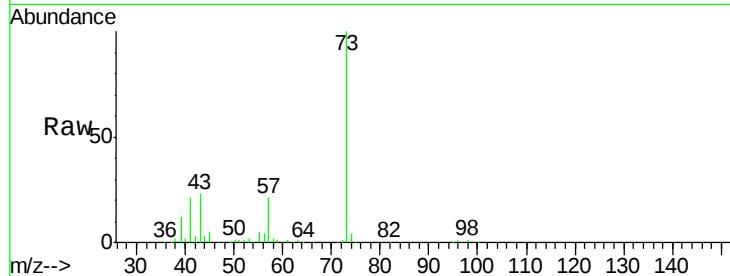


#19

Methyl tert-butyl Ether
 Concen: 20.65 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampled :

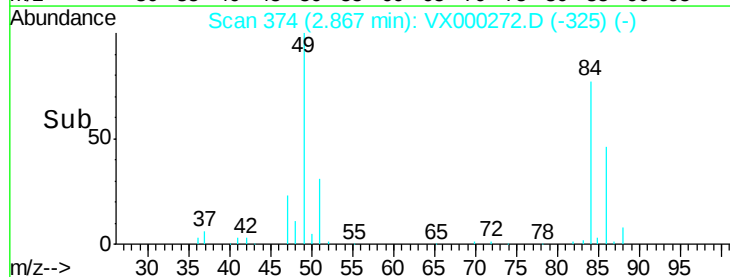
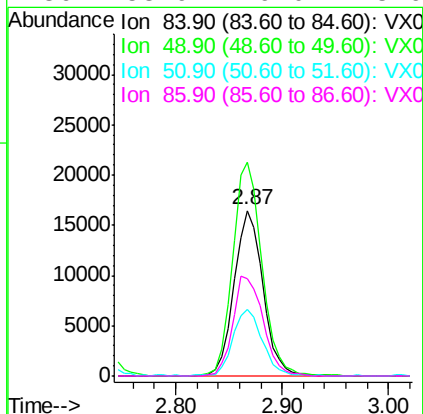
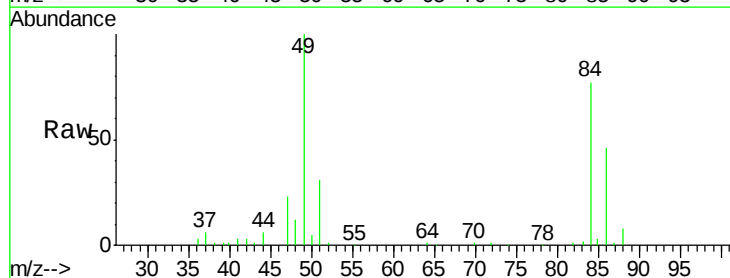
Tot Ion: 73 Resp: 101685
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.3 24.5

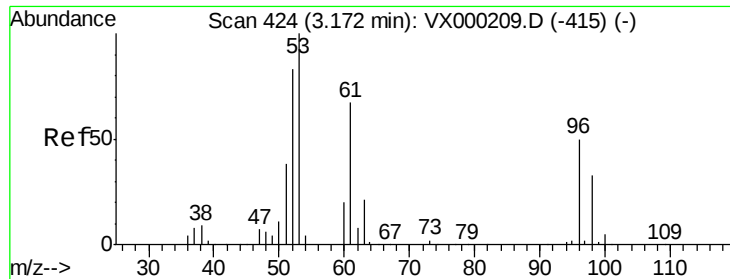


#20

Methylene Chloride
 Concen: 20.16 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 84 Resp: 31380
 Ion Ratio Lower Upper
 84 100
 49 129.1 102.1 153.1
 51 40.1 30.6 45.8
 86 58.9 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 20.08 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

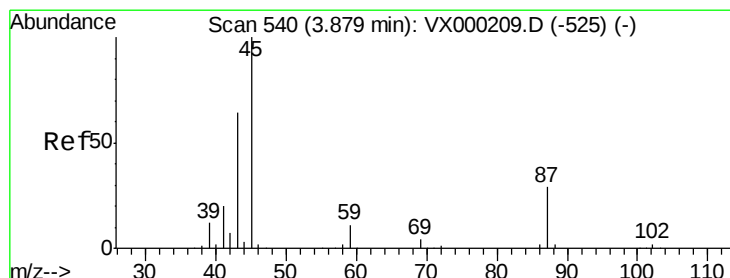
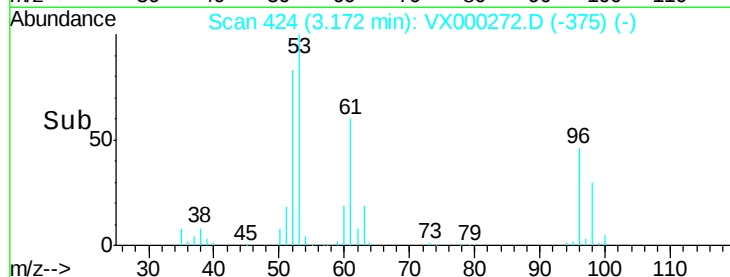
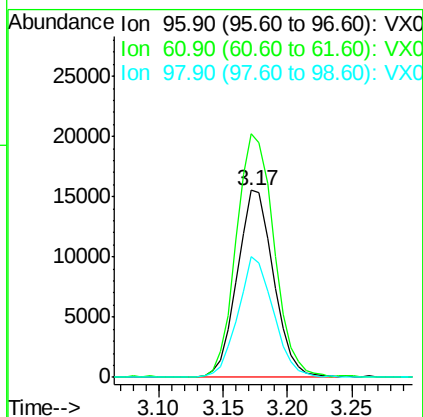
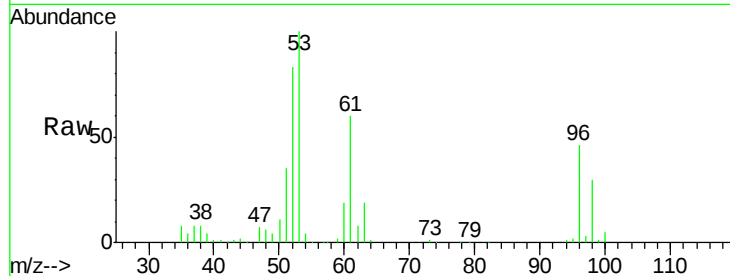
Tot Ion: 96 Resp: 30542

Ion Ratio Lower Upper

96 100

61 130.3 107.0 160.4

98 64.6 51.8 77.8



#22

Diisopropyl ether

Concen: 21.73 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Tgt Ion: 45 Resp: 95313

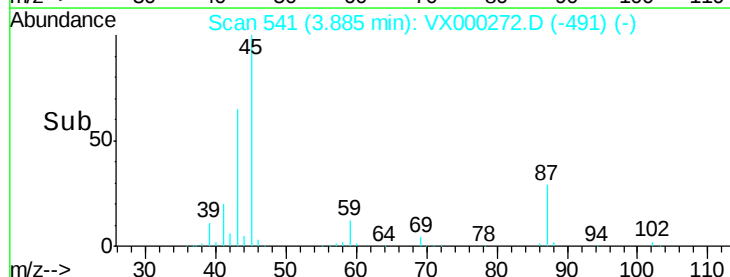
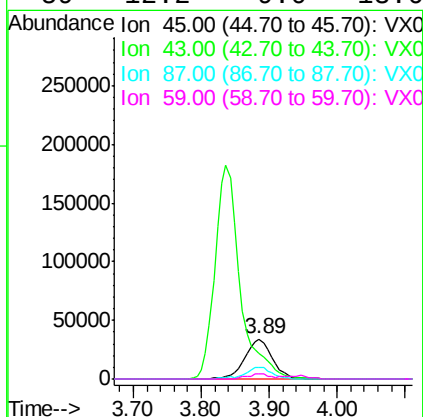
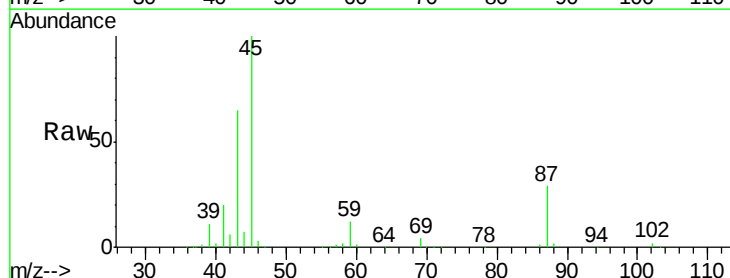
Ion Ratio Lower Upper

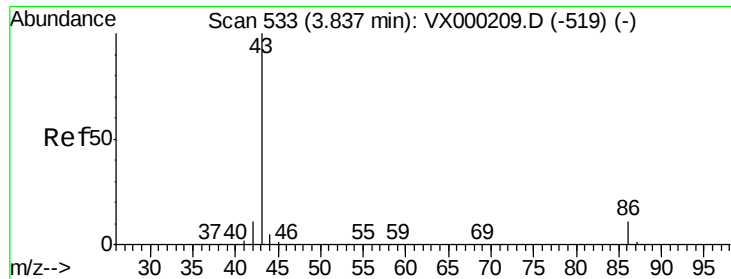
45 100

43 63.8 53.5 80.3

87 28.7 23.3 34.9

59 12.2 9.0 13.6

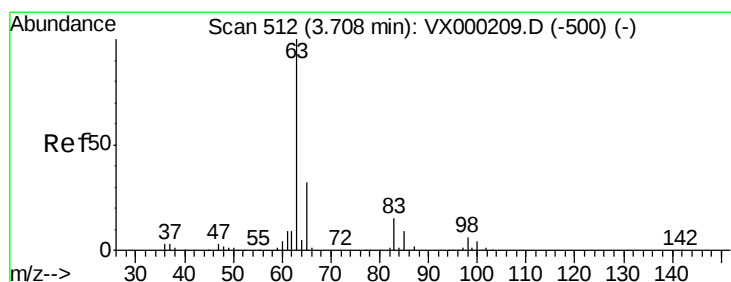
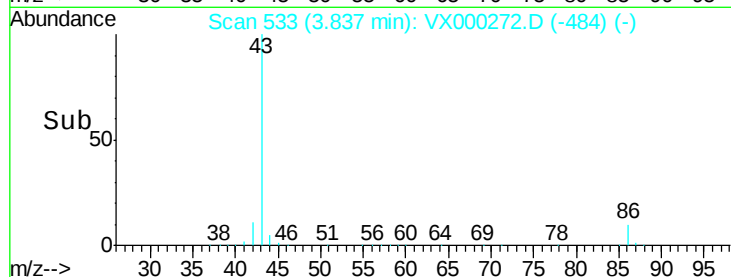
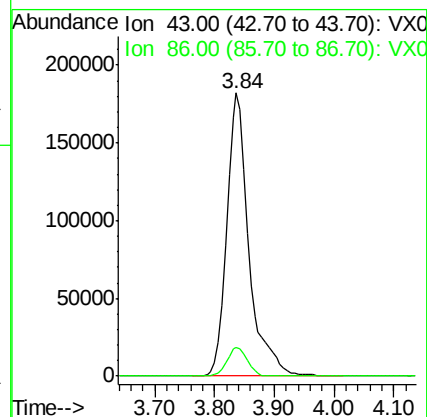
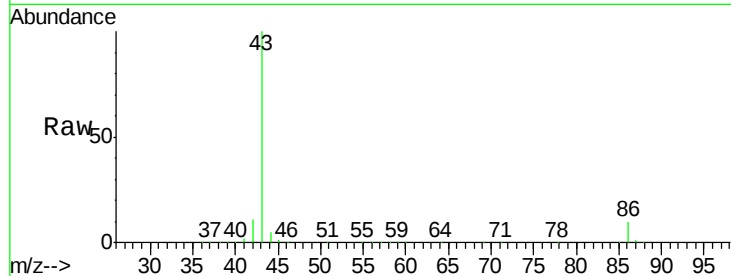




#23
 Vinyl Acetate
 Concen: 110.80 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

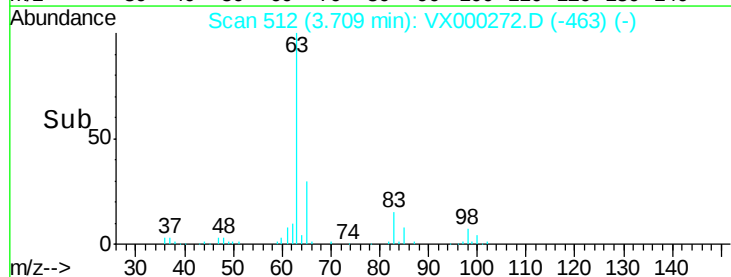
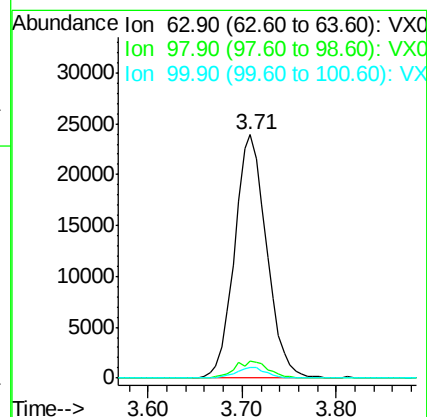
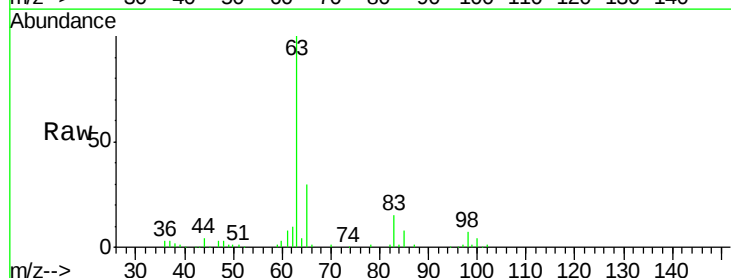
Instrument :
 MSVOA_X
 ClientSampleId :

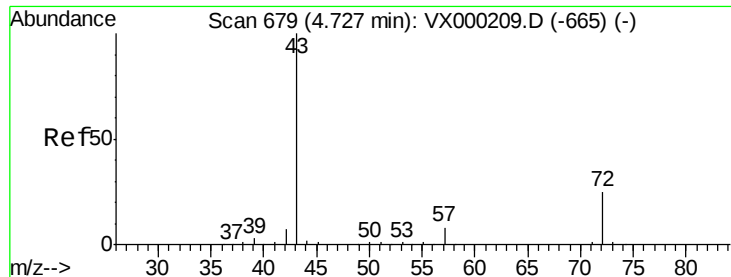
Tot Ion: 43 Resp: 468411
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.00 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 63 Resp: 56469
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 95.45 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

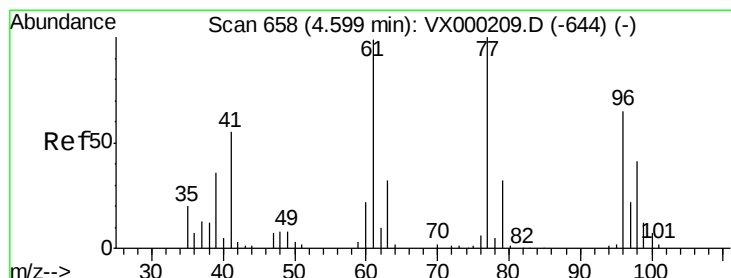
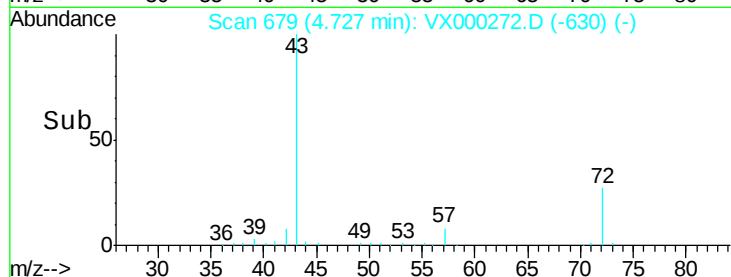
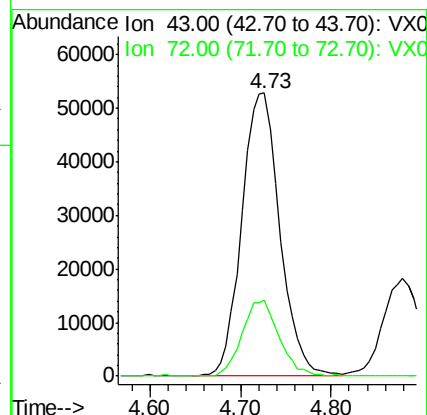
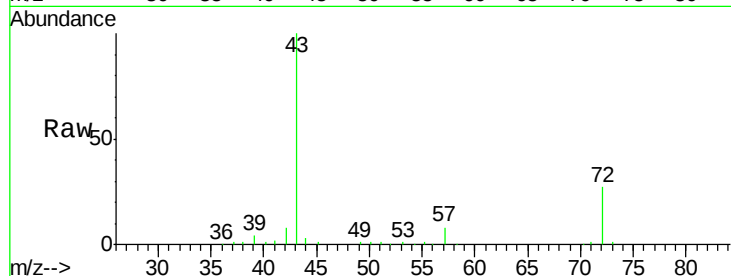
ClientSampled :

Tot Ion: 43 Resp: 153735

Ion Ratio Lower Upper

43 100

72 27.1 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.81 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000272.D

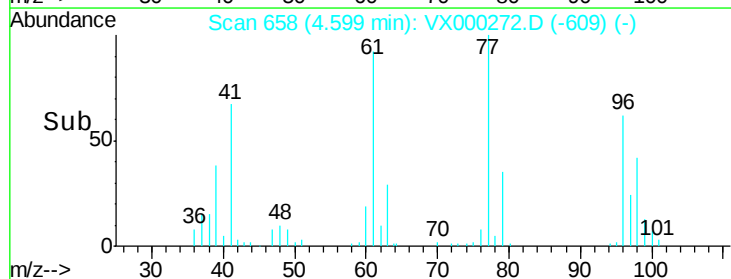
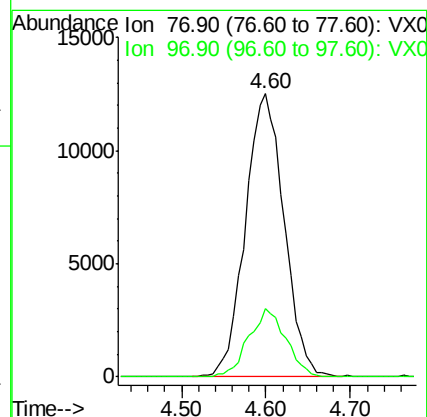
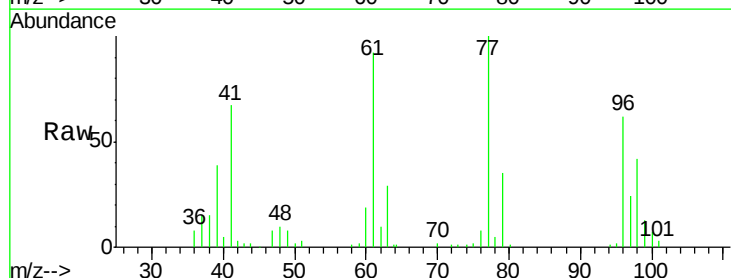
Acq: 12 Mar 2018 12:07

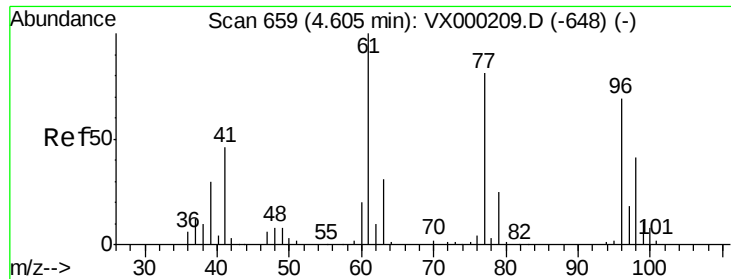
Tgt Ion: 77 Resp: 38937

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1



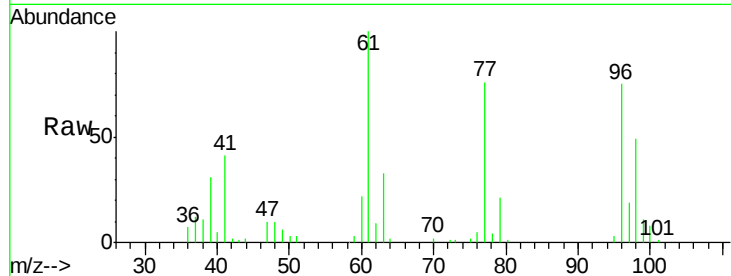


#27

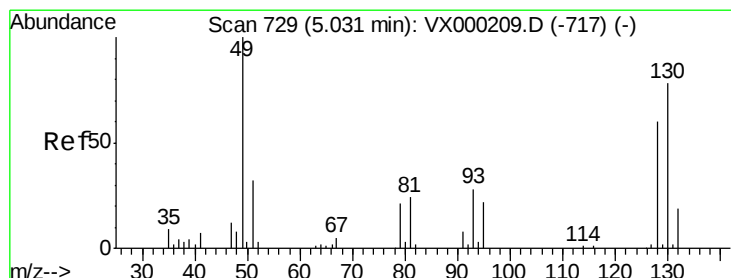
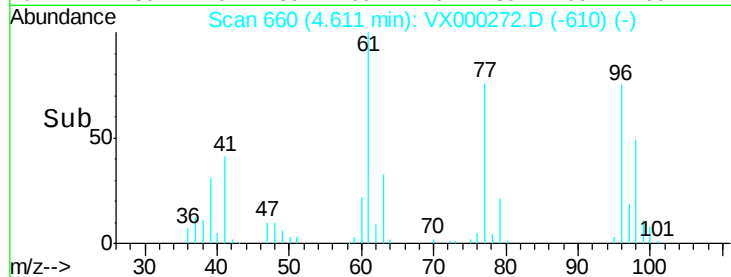
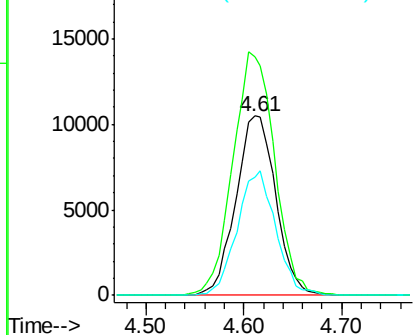
cis-1,2-Dichloroethene
Concen: 20.57 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 29658
Ion Ratio Lower Upper
96 100
61 141.6 0.0 296.4
98 66.9 0.0 130.6



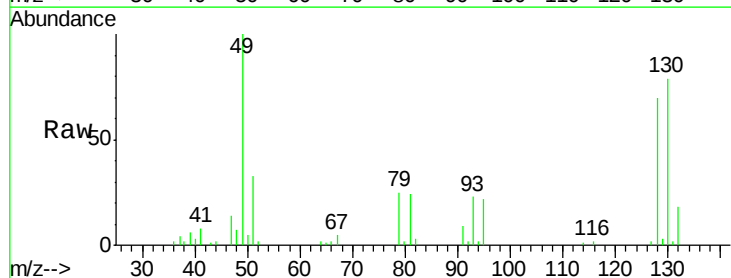
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



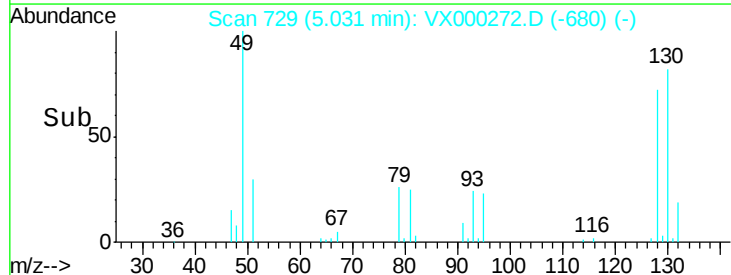
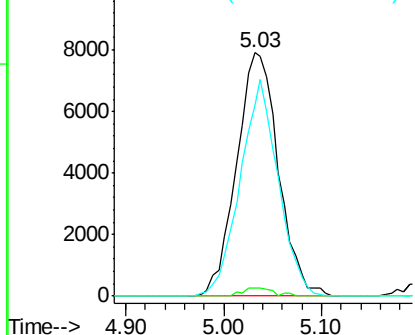
#28

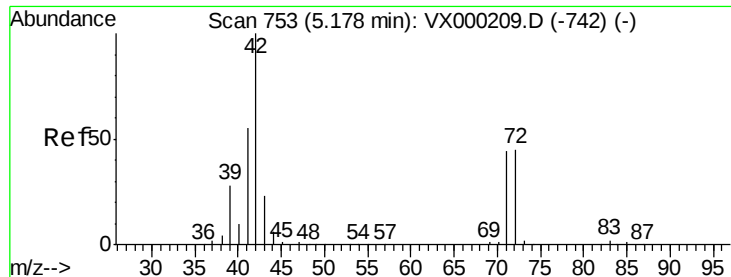
Bromochloromethane
Concen: 20.56 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 49 Resp: 23495
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.0
130 80.9 63.5 95.3



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

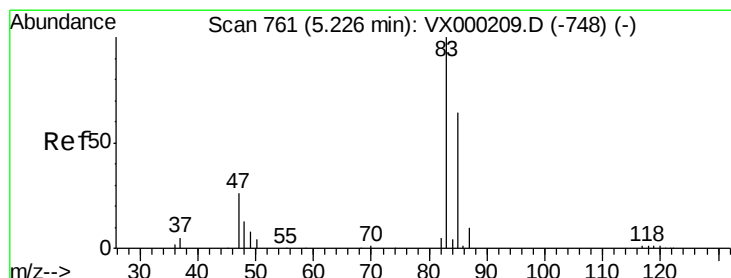
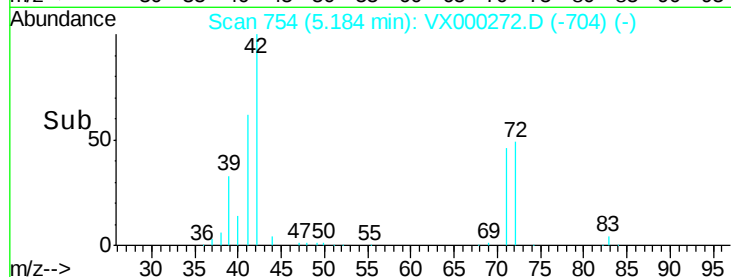
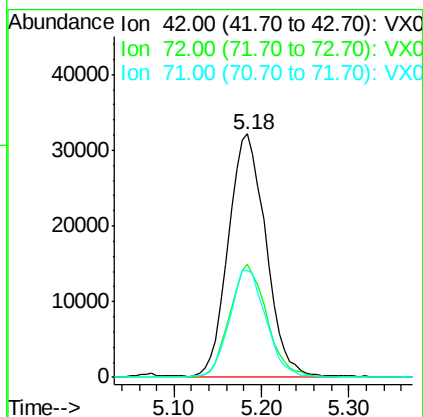
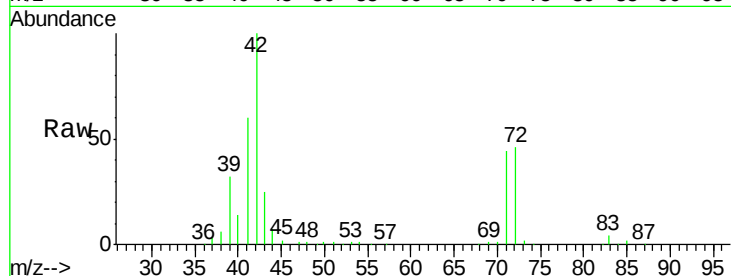




#29
Tetrahydrofuran
Concen: 94.26 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

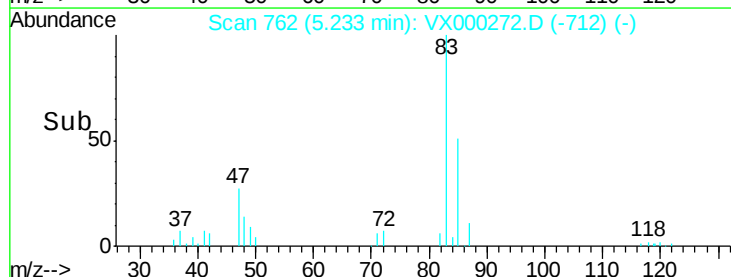
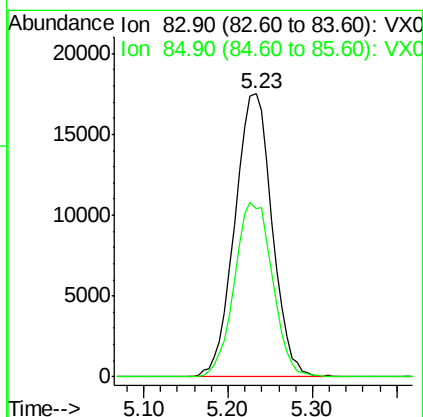
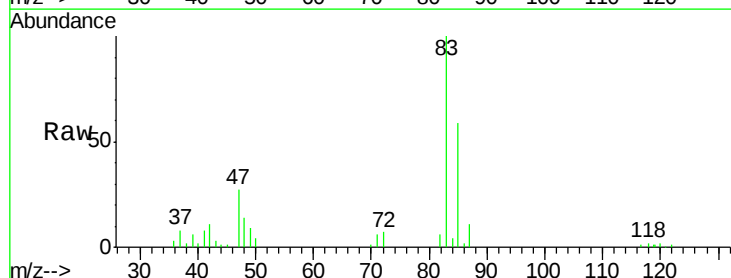
Instrument :
MSVOA_X
ClientSampled :

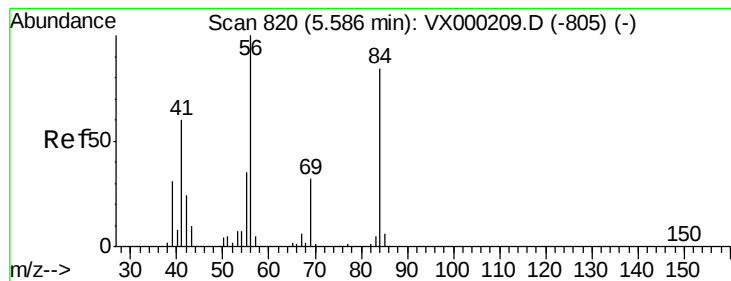
Tot Ion: 42 Resp: 95356
Ion Ratio Lower Upper
42 100
72 45.8 37.3 55.9
71 43.3 35.0 52.4



#30
Chloroform
Concen: 20.19 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 83 Resp: 52487
Ion Ratio Lower Upper
83 100
85 59.3 51.0 76.6





#31

Cyclohexane

Concen: 19.57 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :

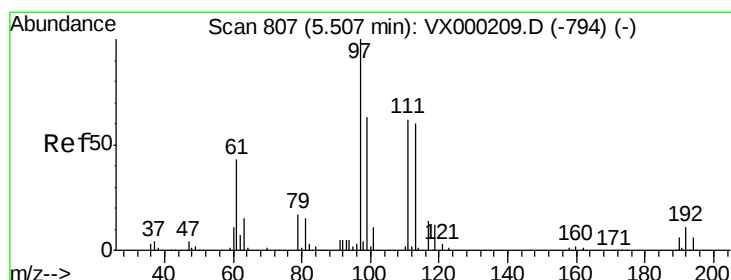
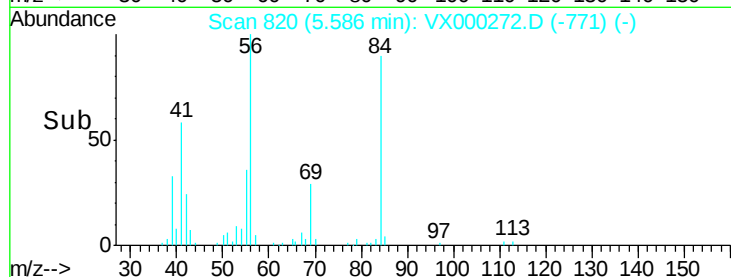
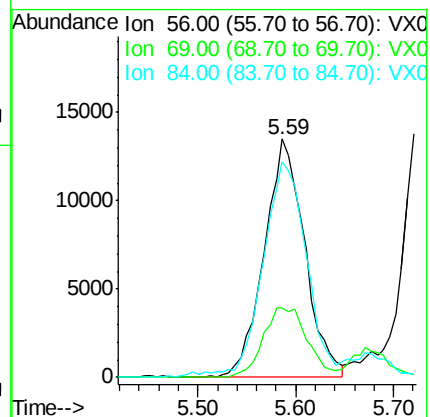
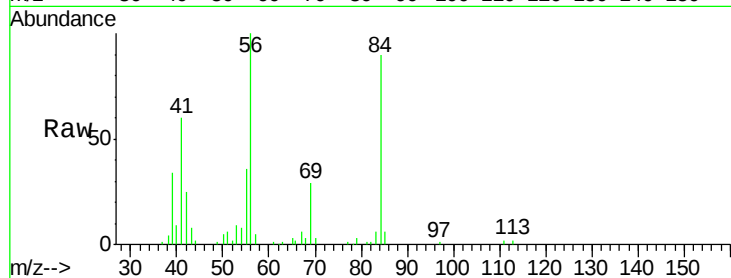
Tot Ion: 56 Resp: 38911

Ion Ratio Lower Upper

56 100

69 29.1 25.3 37.9

84 87.8 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 20.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

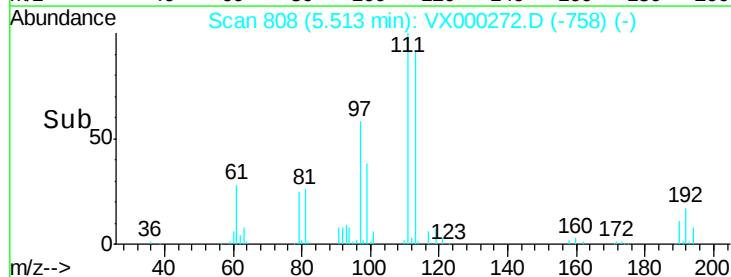
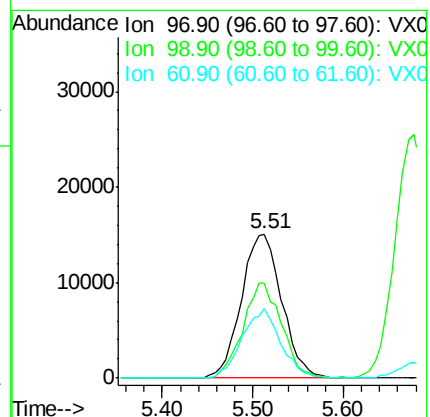
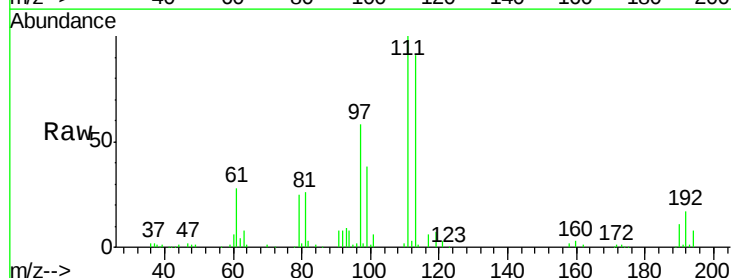
Tgt Ion: 97 Resp: 46326

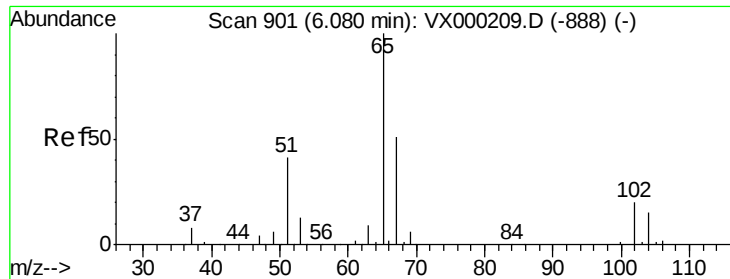
Ion Ratio Lower Upper

97 100

99 63.1 50.9 76.3

61 46.1 35.4 53.0

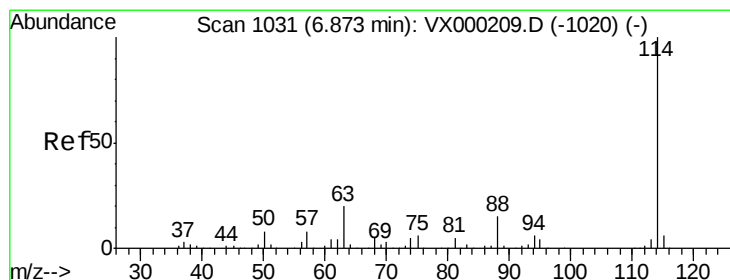
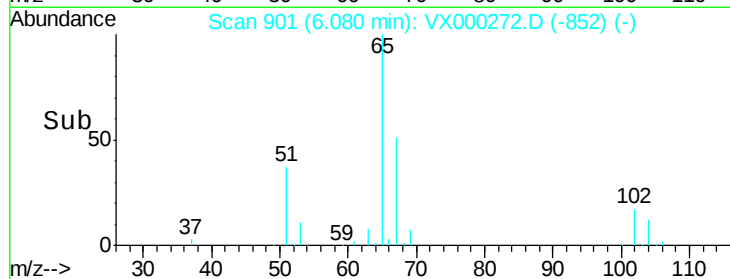
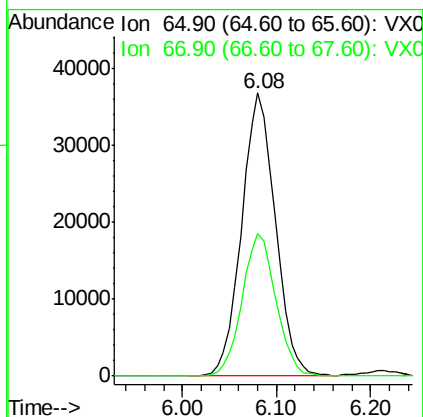
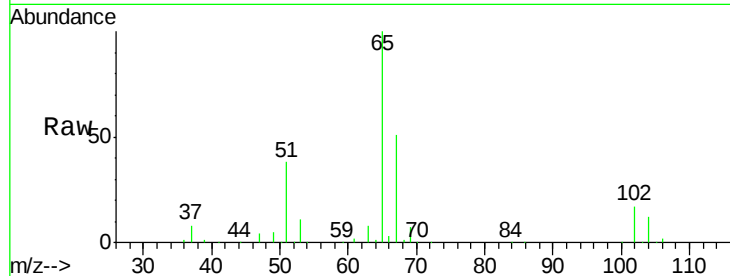




#33
 1,2-Dichloroethane-d4
 Concen: 50.93 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

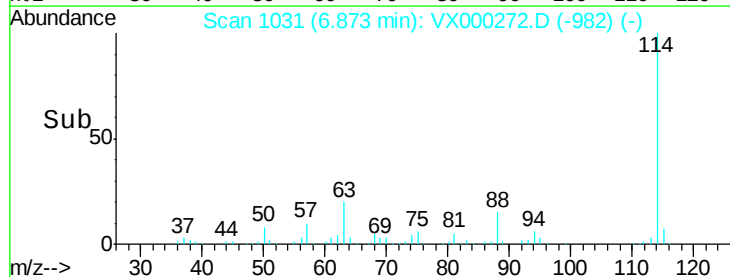
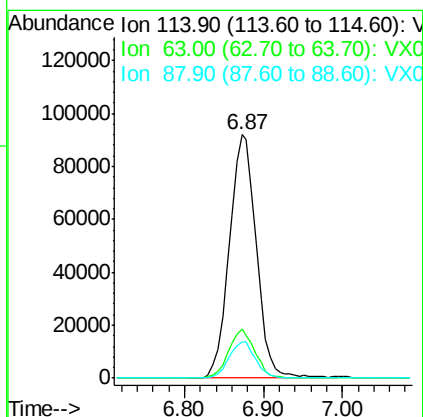
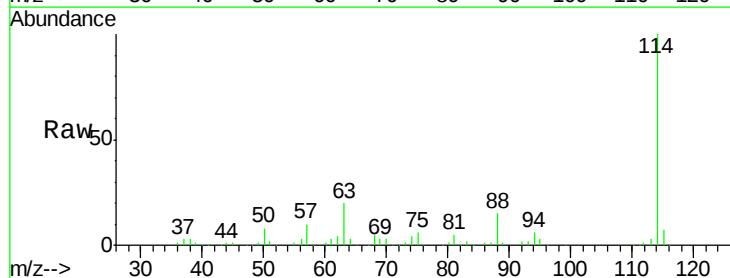
Instrument :
 MSVOA_X
 ClientSampled :

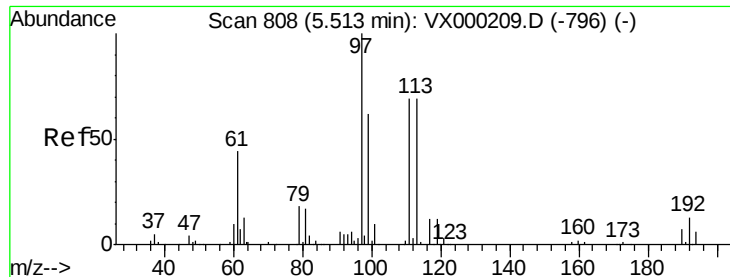
Tot Ion: 65 Resp: 92562
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 114 Resp: 218912
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 14.8 0.0 29.8

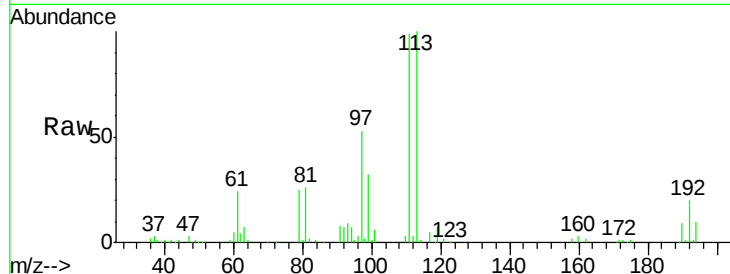




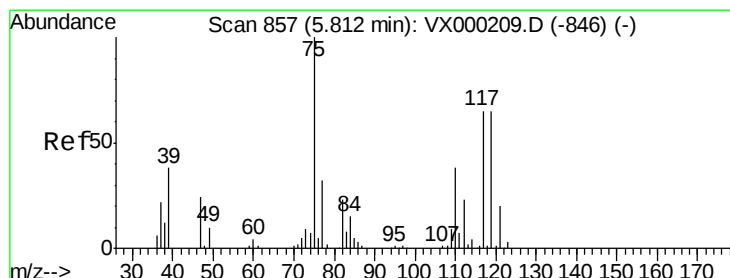
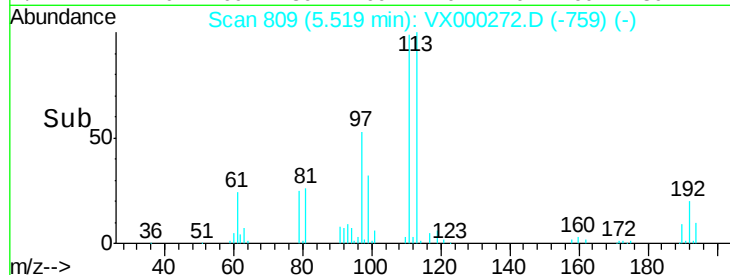
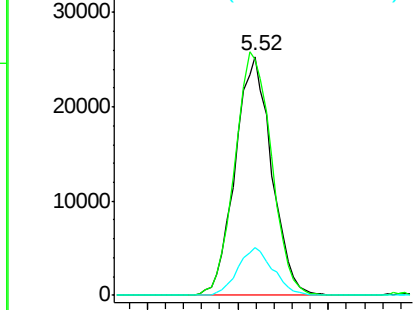
#35
 Dibromofluoromethane
 Concen: 51.29 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 70524
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 19.3 15.5 23.3

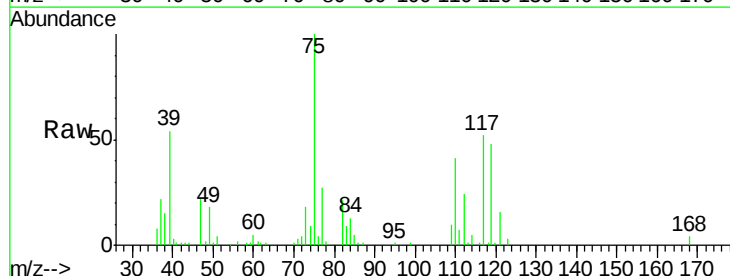


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

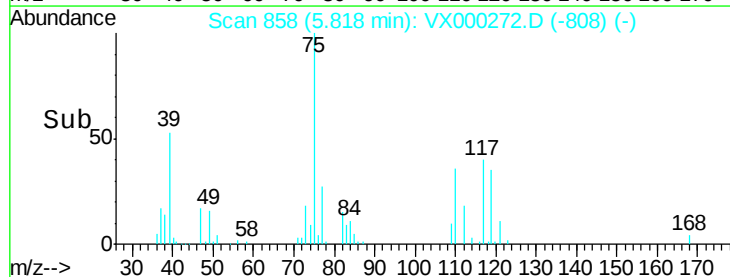
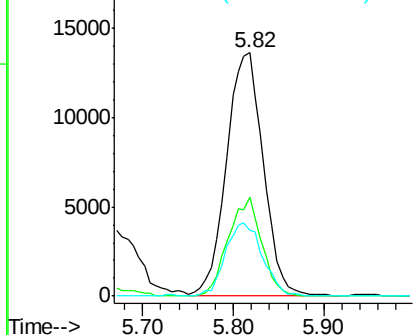


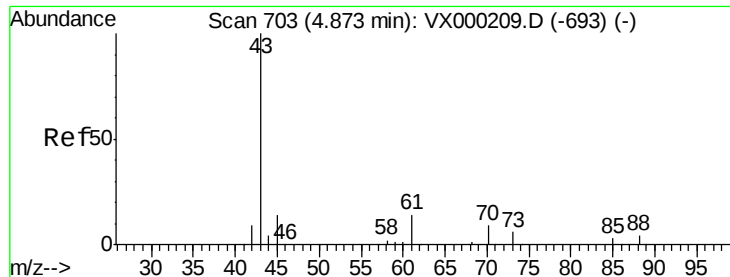
#36
 1,1-Dichloropropene
 Concen: 19.71 ug/l
 RT: 5.82 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 75 Resp: 38393
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.8 53.5
 77 30.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

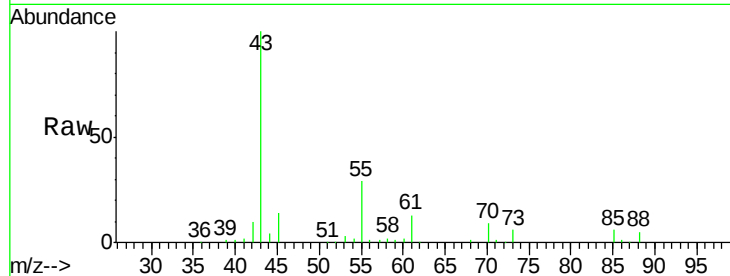




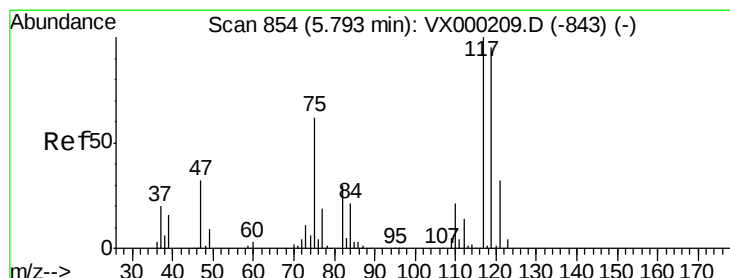
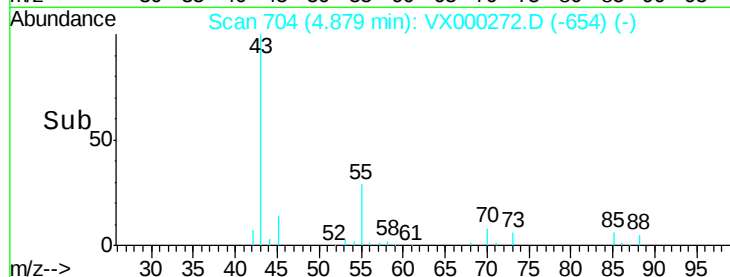
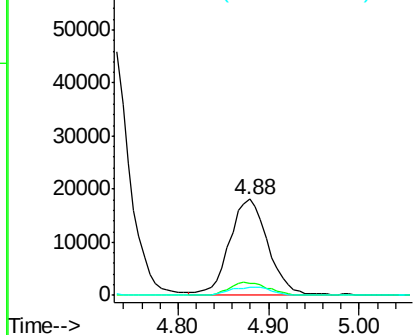
#37
Ethyl Acetate
Concen: 18.80 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 52912
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.7 7.8 11.6

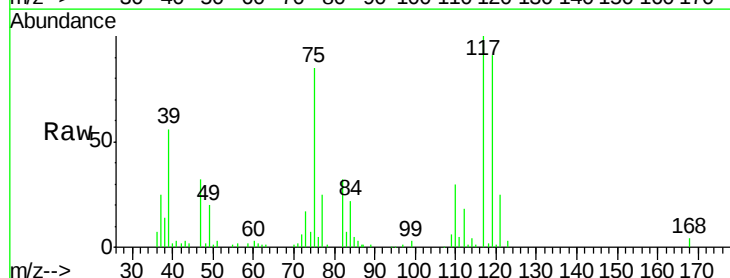


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

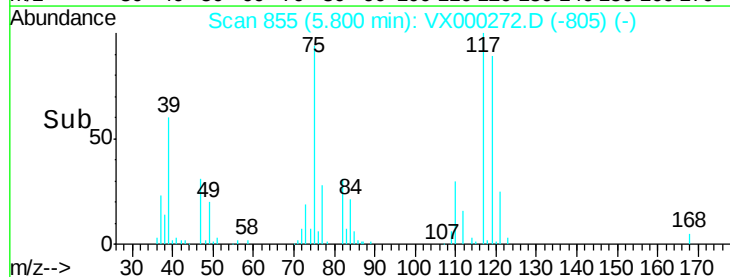
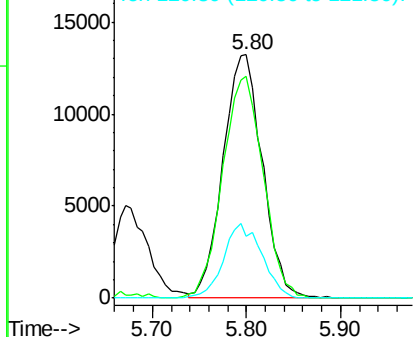


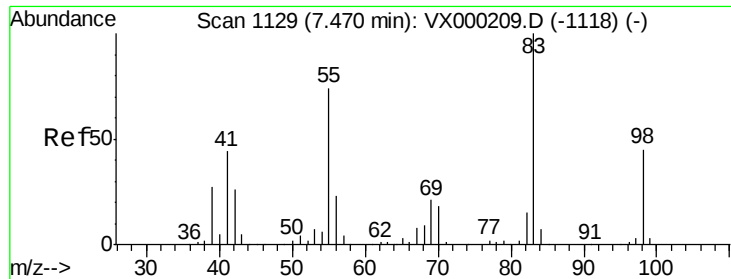
#38
Carbon Tetrachloride
Concen: 19.48 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 117 Resp: 38405
Ion Ratio Lower Upper
117 100
119 91.3 75.9 113.9
121 25.4 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

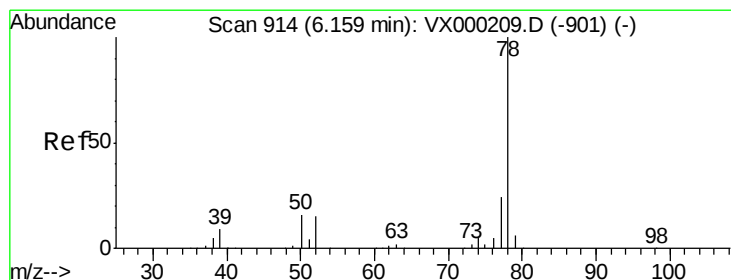
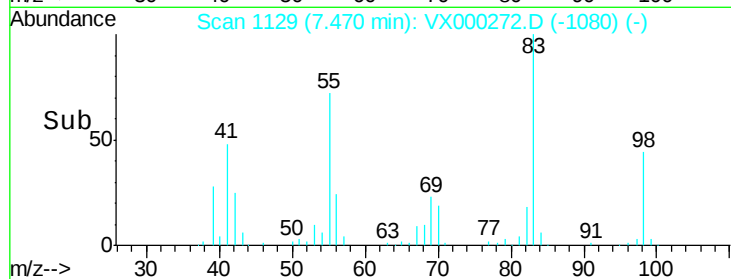
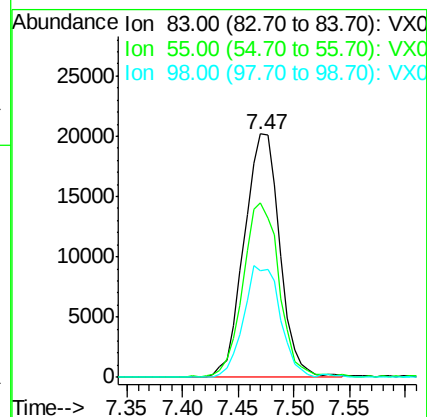
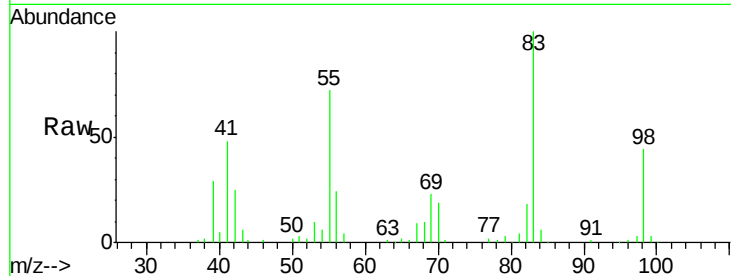




#39
Methvlcvclohexane
Concen: 18.87 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

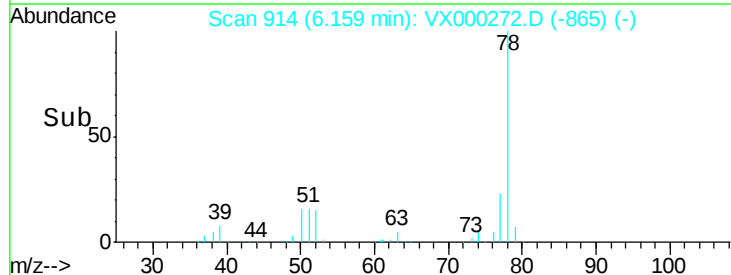
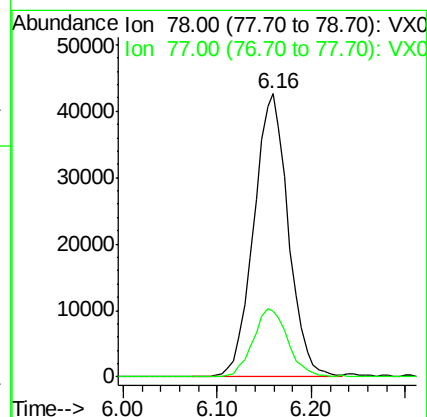
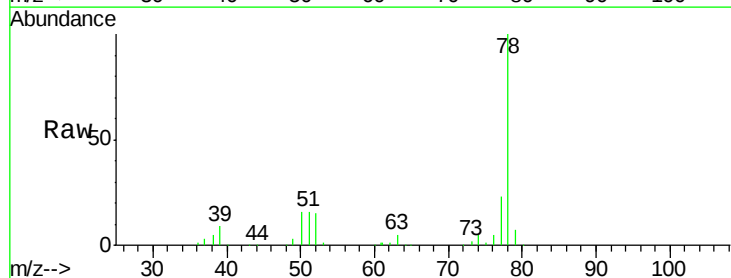
Instrument :
MSVOA_X
ClientSampled :

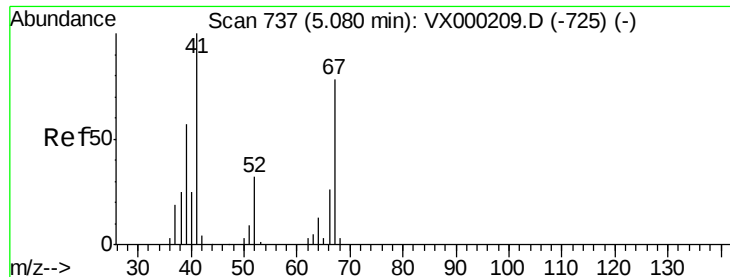
Tot Ion: 83 Resp: 45095
Ion Ratio Lower Upper
83 100
55 71.1 59.4 89.0
98 43.8 36.3 54.5



#40
Benzene
Concen: 19.54 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 78 Resp: 109762
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2

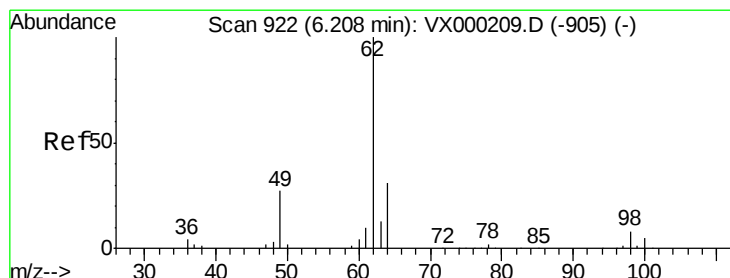
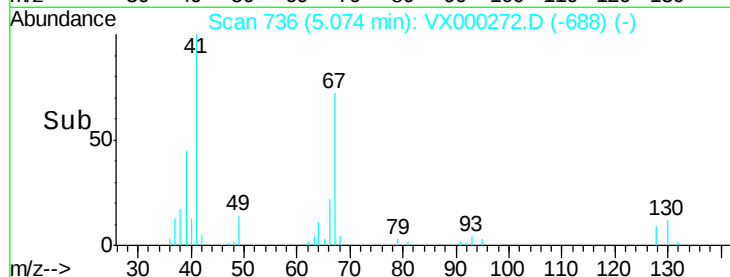
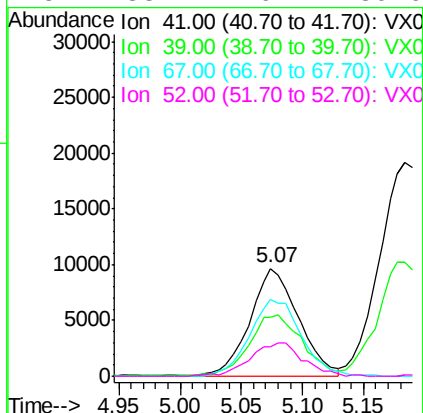
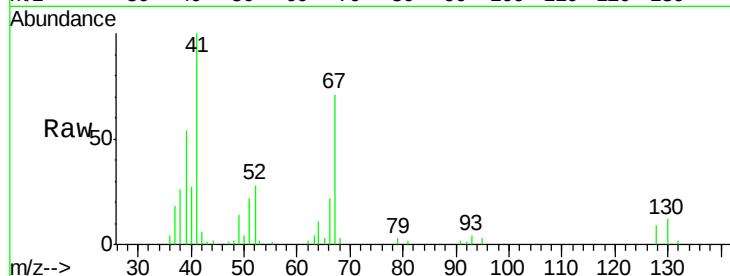




#41
Methacrylonitrile
Concen: 18.66 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

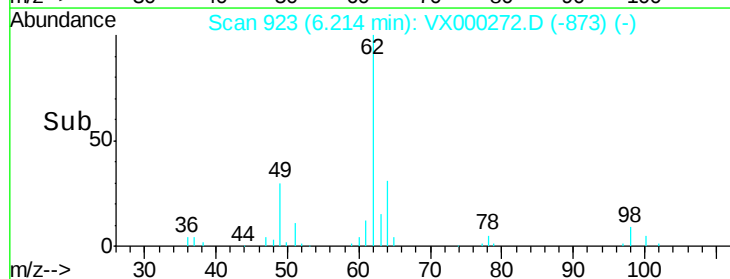
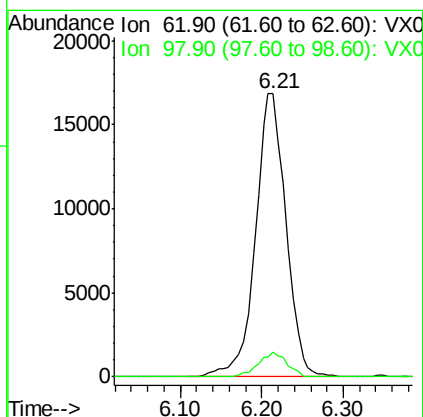
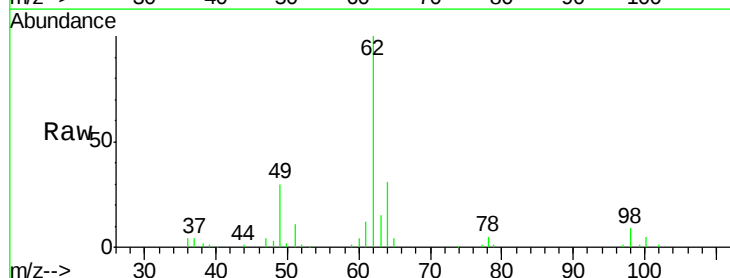
Instrument :
MSVOA_X
ClientSampled :

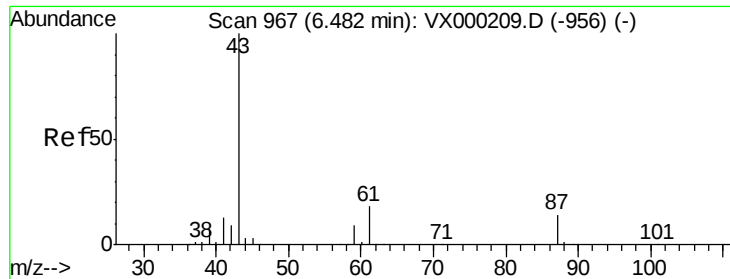
Tot Ion:	41	Resp:	26778
Ion	Ratio	Lower	Upper
41	100		
39	60.5	47.8	71.6
67	75.3	59.3	88.9
52	33.4	26.4	39.6



#42
1,2-Dichloroethane
Concen: 19.96 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion:	62	Resp:	43978
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2



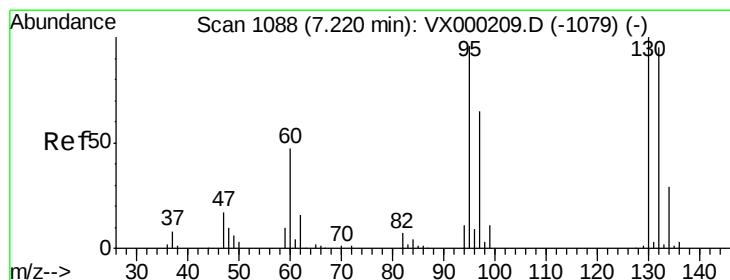
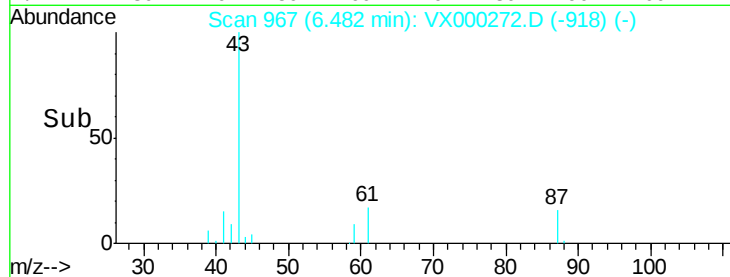
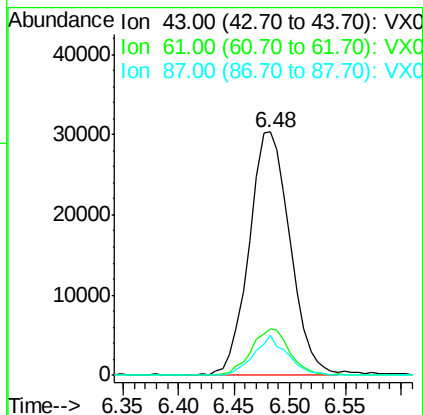
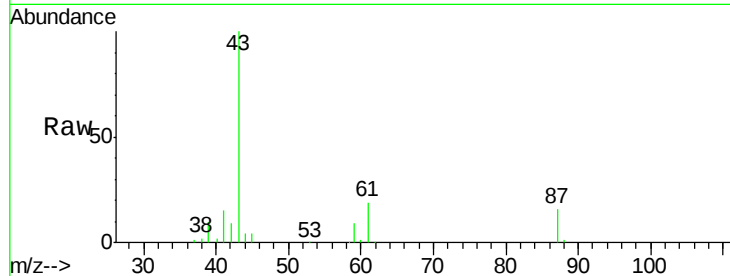


#43

Isopropyl Acetate
 Concen: 19.08 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampled :

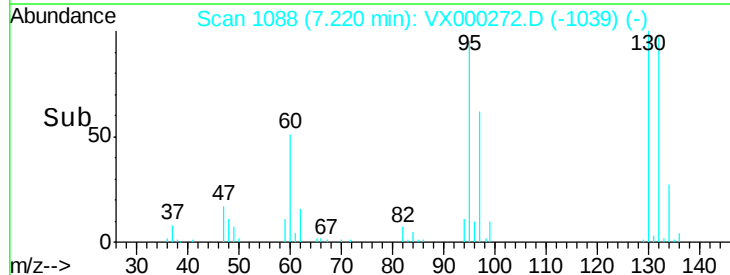
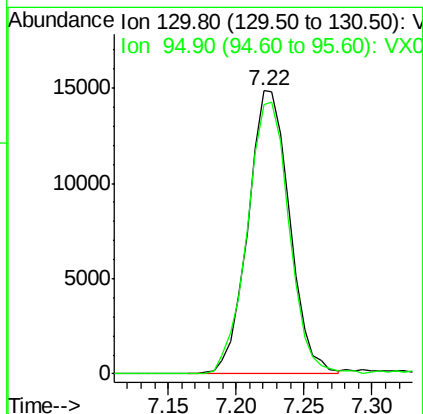
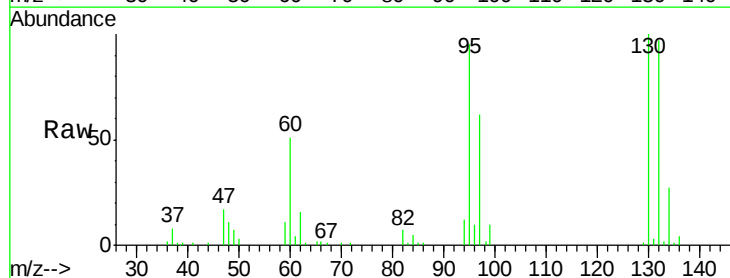
Tot Ion	43	Resp	77659
Ion Ratio	100	Lower	Upper
61	18.2	14.8	22.2
87	13.5	10.6	16.0

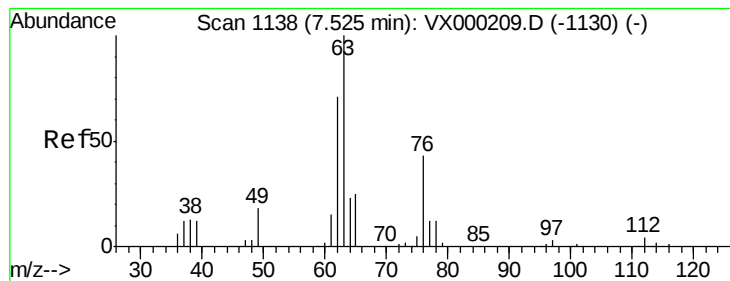


#44

Trichloroethene
 Concen: 19.68 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion	130	Resp	31640
Ion Ratio	100	Lower	Upper
95	95.3	0.0	191.8





#45

1,2-Dichloropropane

Concen: 19.81 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

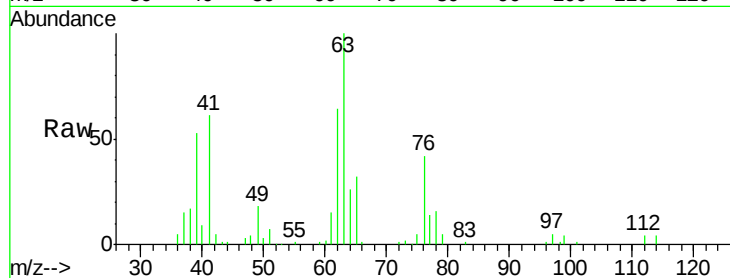
ClientSampleId :

Tot Ion: 63 Resp: 28186

Ion Ratio Lower Upper

63 100

65 32.2 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

15000

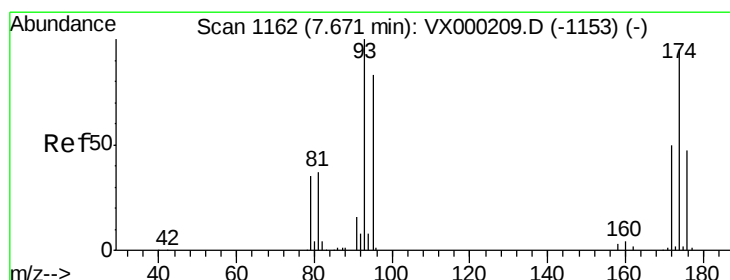
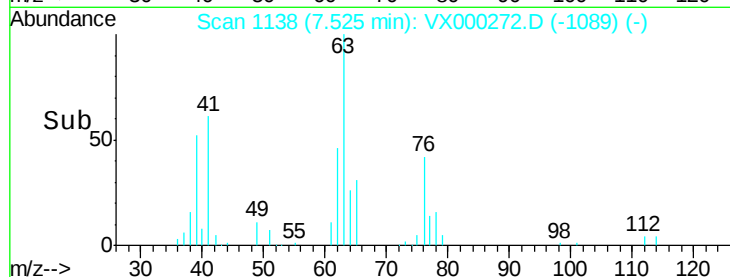
10000

5000

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 19.39 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

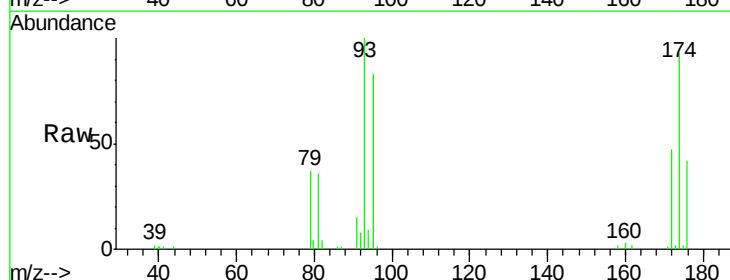
Tgt Ion: 93 Resp: 21825

Ion Ratio Lower Upper

93 100

95 88.9 64.1 96.1

174 99.2 75.8 113.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

15000

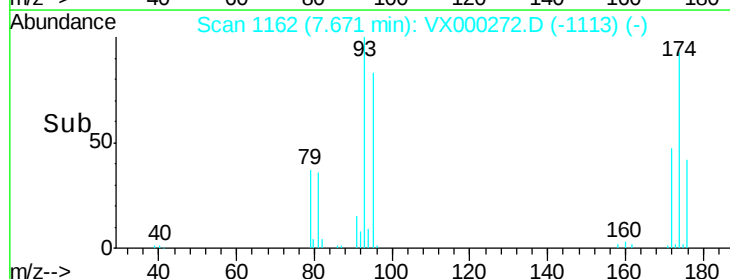
10000

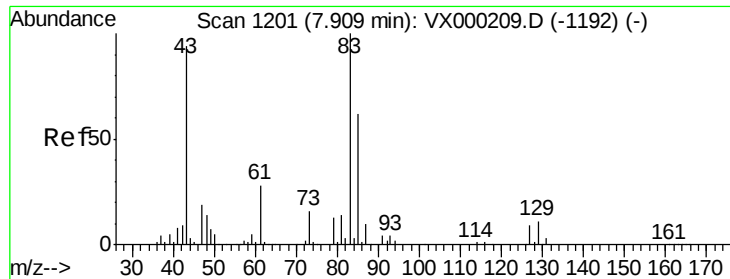
5000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 19.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampled :

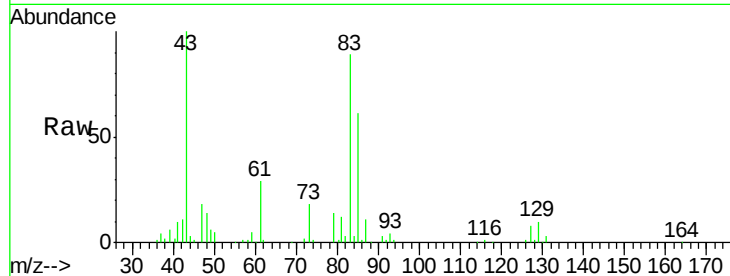
Tot Ion: 83 Resp: 39453

Ion Ratio Lower Upper

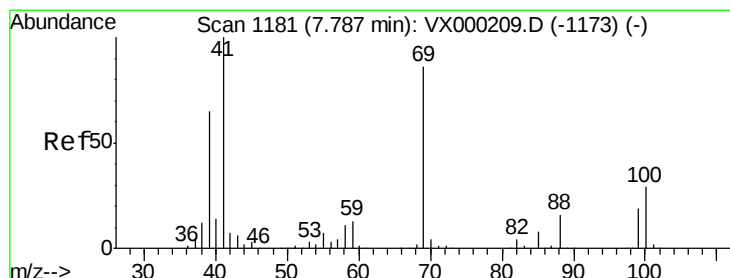
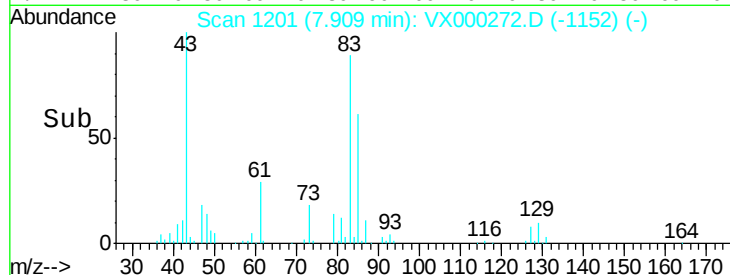
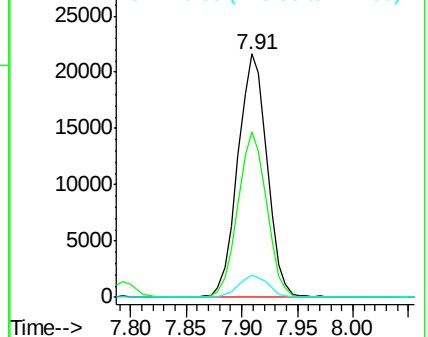
83 100

85 67.9 49.6 74.4

127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.15 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

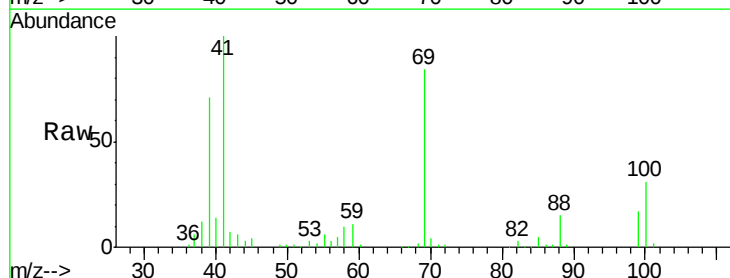
Tgt Ion: 41 Resp: 38395

Ion Ratio Lower Upper

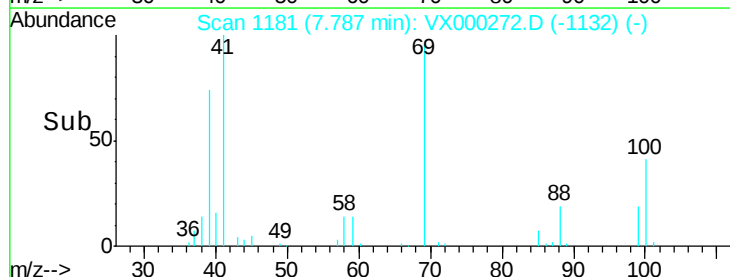
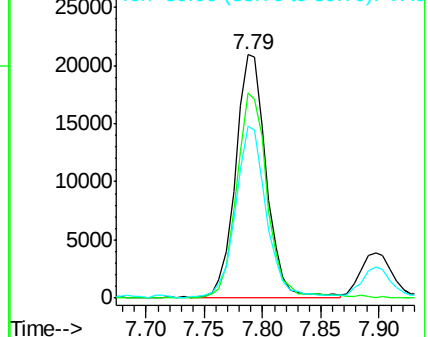
41 100

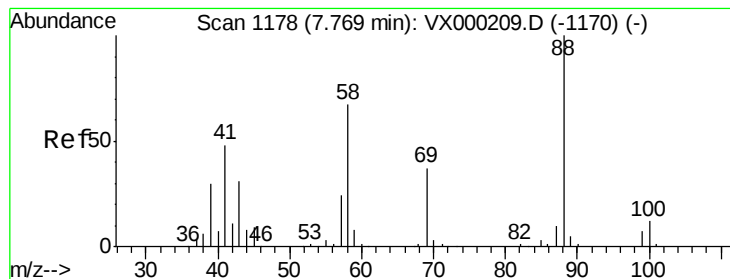
69 85.0 70.0 105.0

39 71.4 53.6 80.4



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

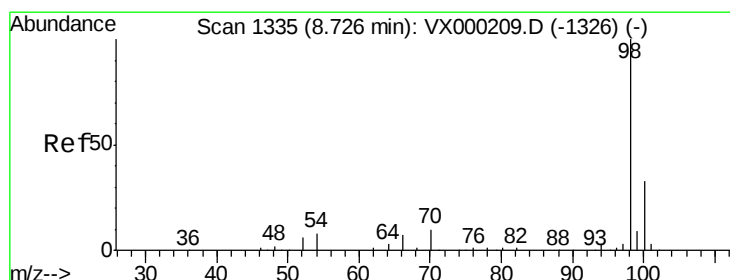
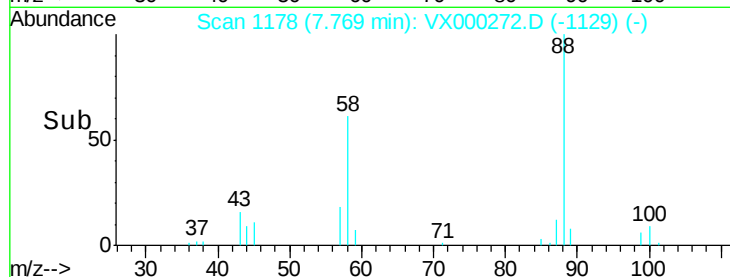
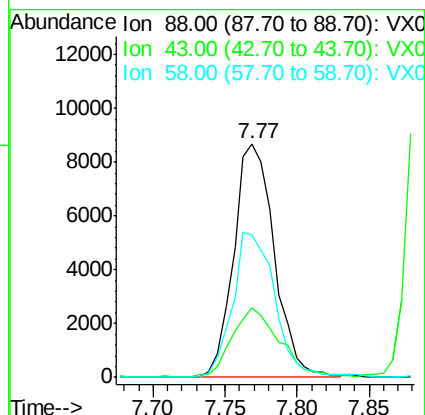
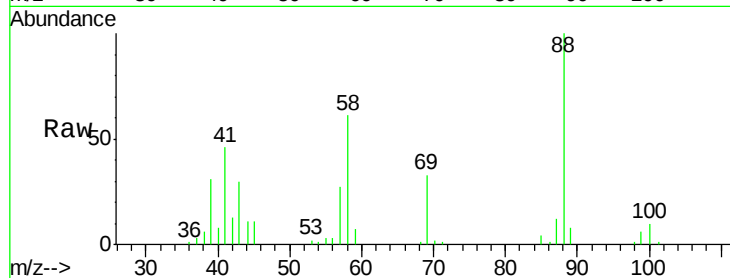




#49
1,4-Dioxane
Concen: 372.17 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

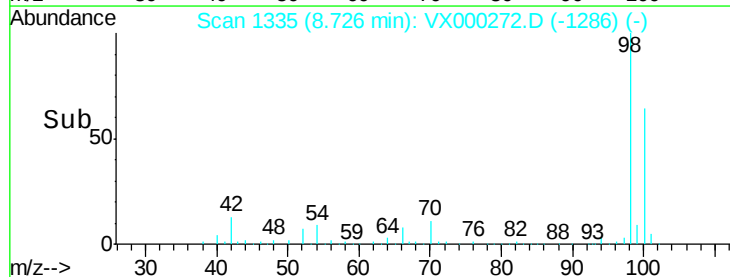
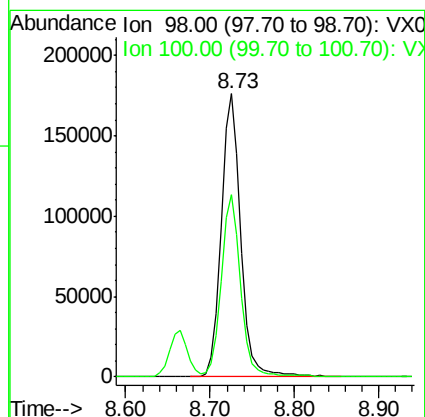
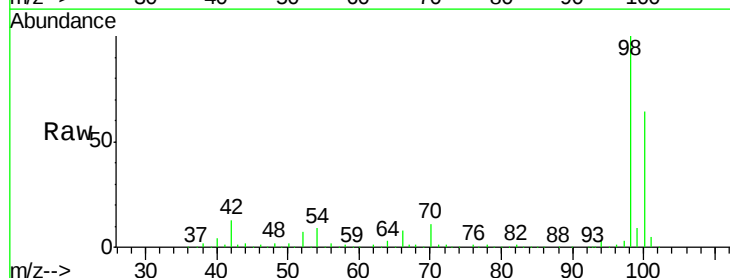
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 16937
Ion Ratio Lower Upper
88 100
43 35.2 26.9 40.3
58 64.9 52.2 78.4



#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 98 Resp: 280649
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 98.10 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

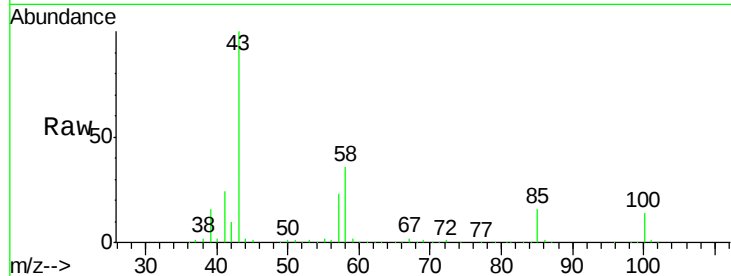
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 301371

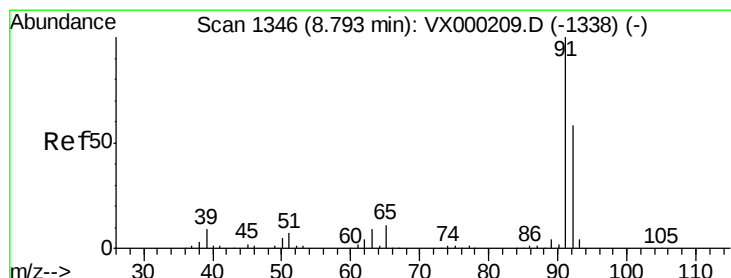
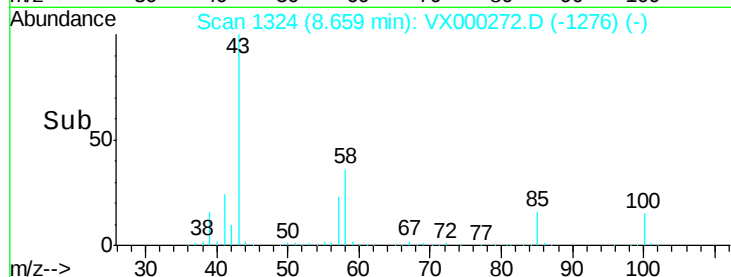
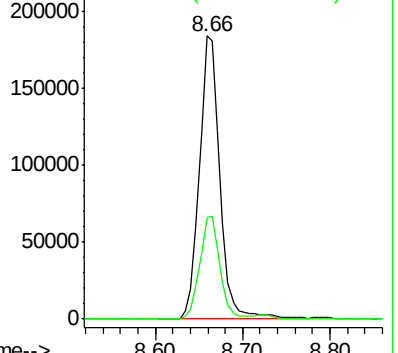
Ion Ratio Lower Upper

43 100

58 36.2 30.2 45.2



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



#52

Toluene

Concen: 19.77 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000272.D

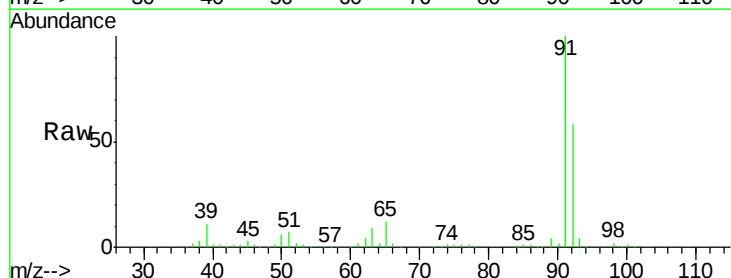
Acq: 12 Mar 2018 12:07

Tgt Ion: 92 Resp: 76115

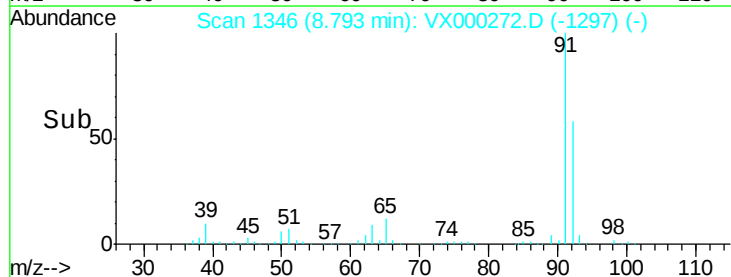
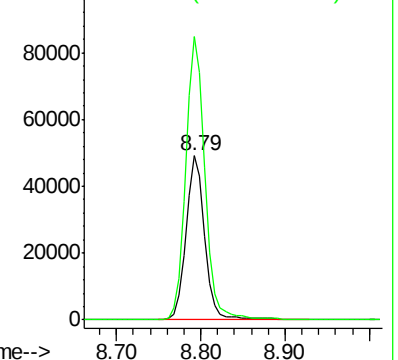
Ion Ratio Lower Upper

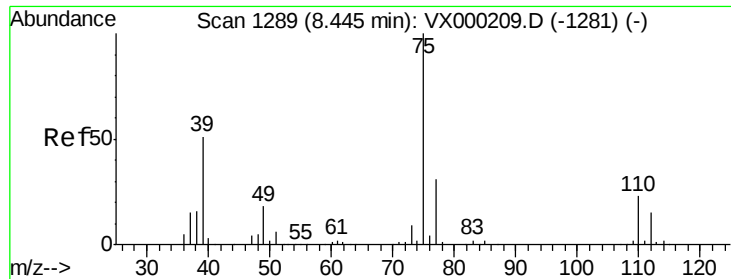
92 100

91 176.9 139.0 208.6



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

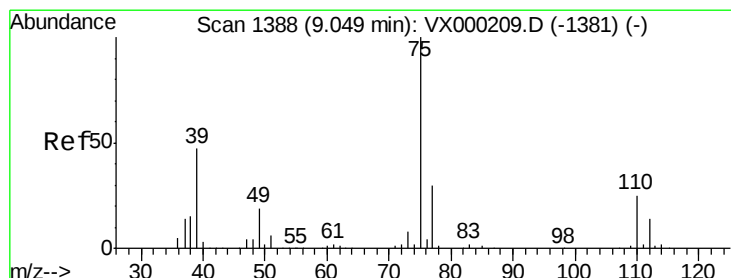
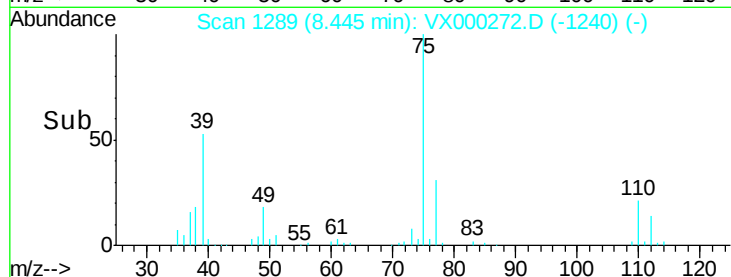
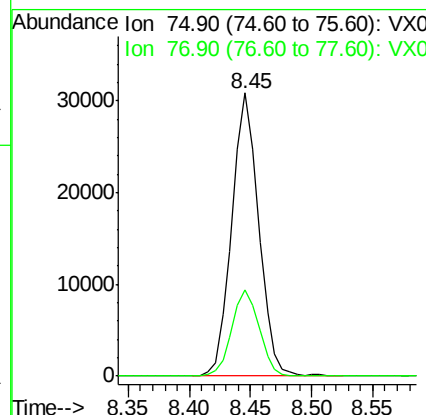
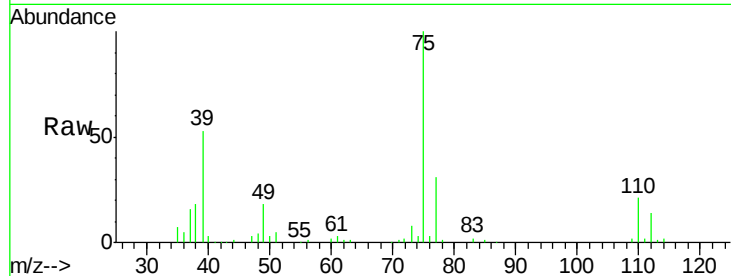




#53
 t-1,3-Dichloropropene
 Concen: 20.15 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

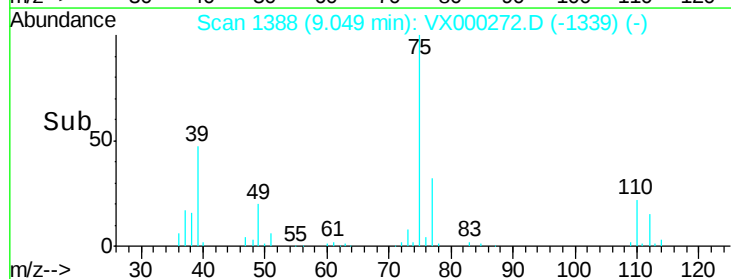
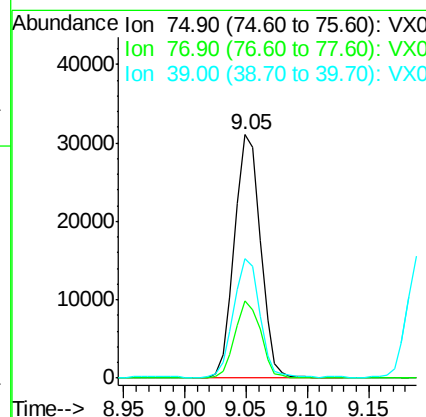
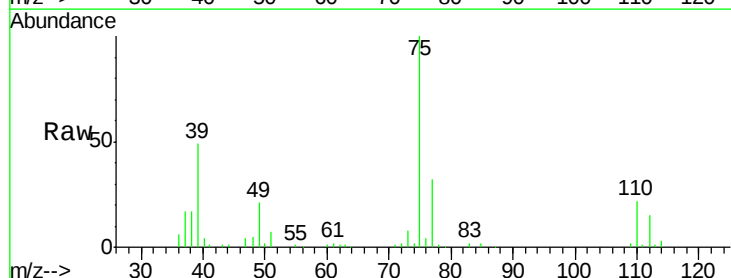
Instrument :
 MSVOA_X
 ClientSampleId :

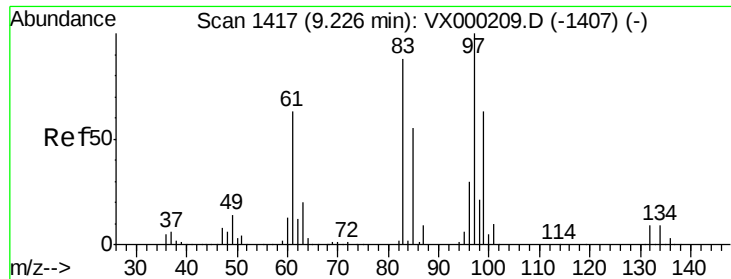
Tot Ion: 75 Resp: 47025
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.28 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 75 Resp: 45777
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.9 35.9
 39 48.6 37.4 56.2

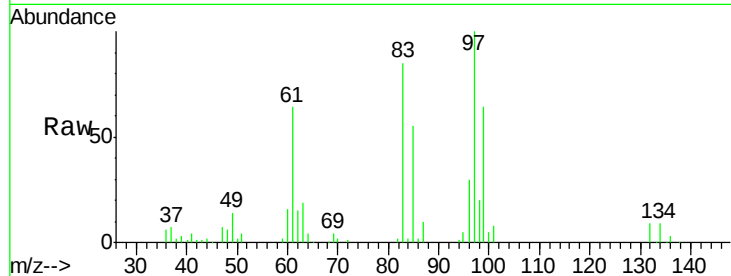




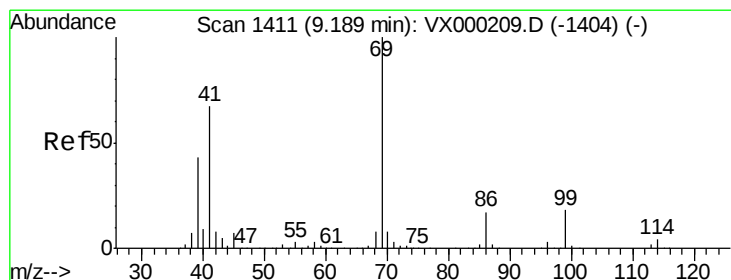
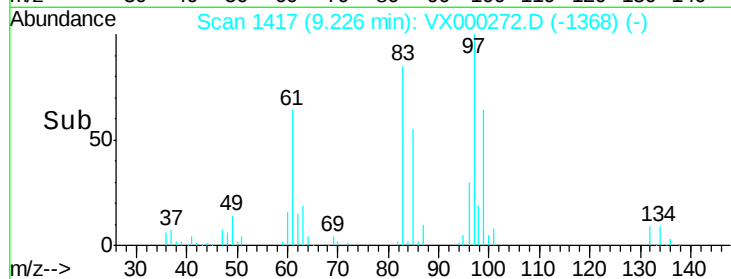
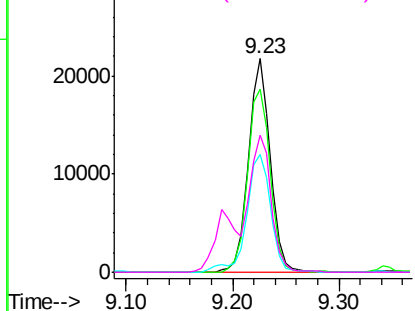
#55
1,1,2-Trichloroethane
Concen: 20.00 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 31195
Ion Ratio Lower Upper
97 100
83 85.4 70.4 105.6
85 55.4 43.9 65.9
99 64.1 50.5 75.7

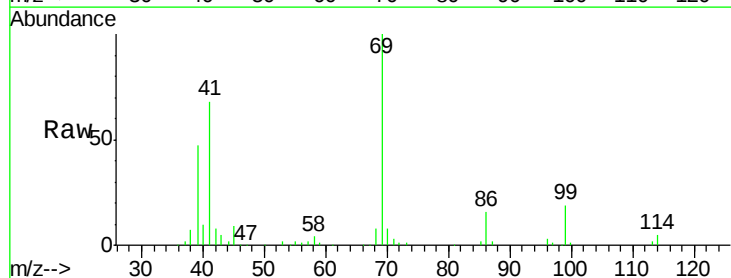


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

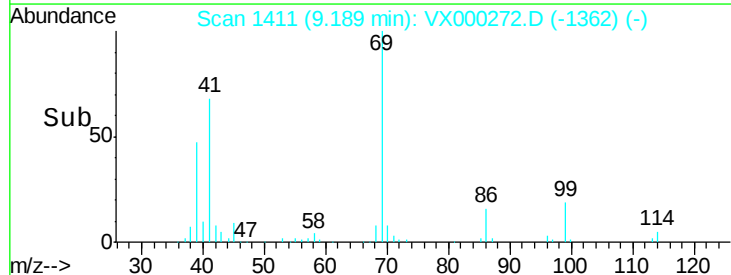
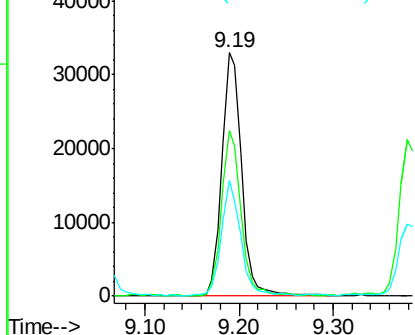


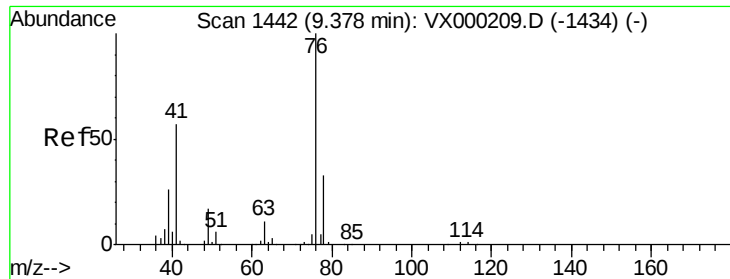
#56
Ethyl methacrylate
Concen: 20.67 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 69 Resp: 48242
Ion Ratio Lower Upper
69 100
41 67.7 52.2 78.2
39 45.9 34.3 51.5



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





#57

1,3-Dichloropropane

Concen: 19.65 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

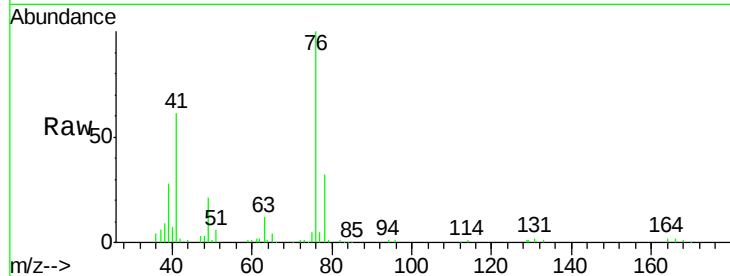
ClientSampleId :

Tot Ion: 76 Resp: 51458

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

40000

30000

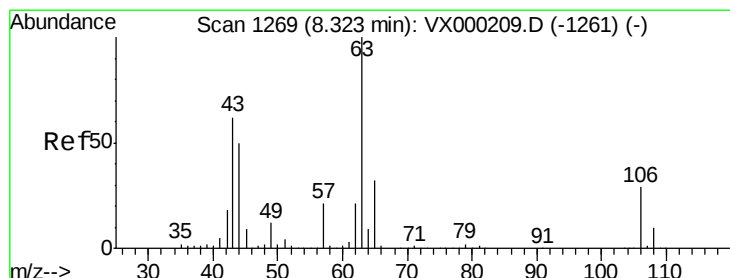
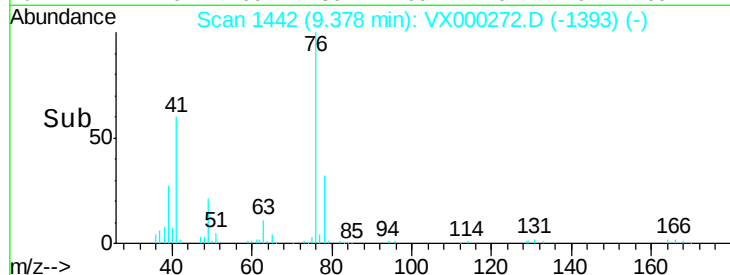
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.49 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000272.D

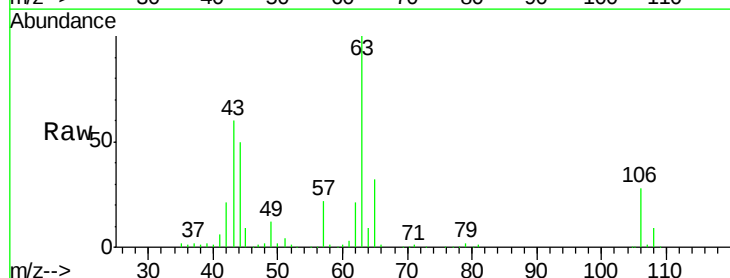
Acq: 12 Mar 2018 12:07

Tgt Ion: 63 Resp: 120767

Ion Ratio Lower Upper

63 100

106 27.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

80000

60000

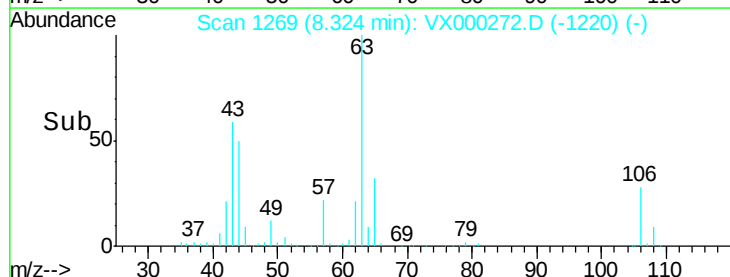
40000

20000

0

8.20 8.30 8.40

Time-->

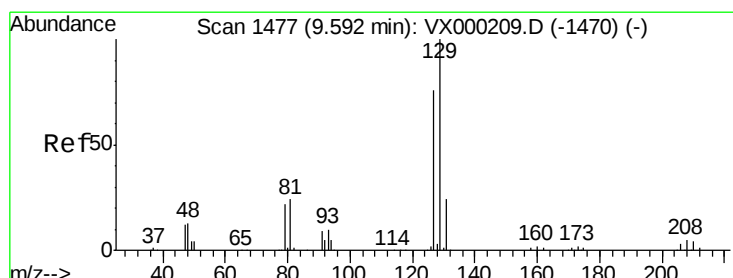
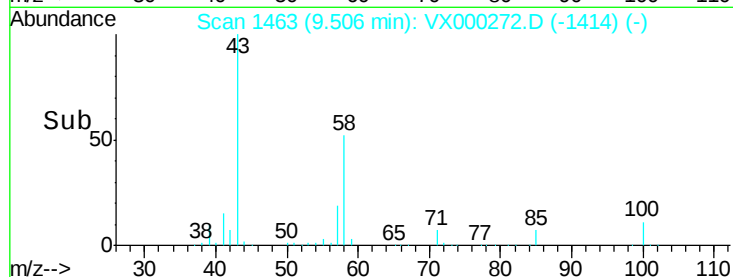
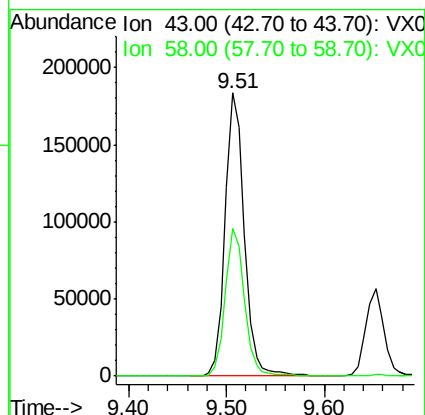
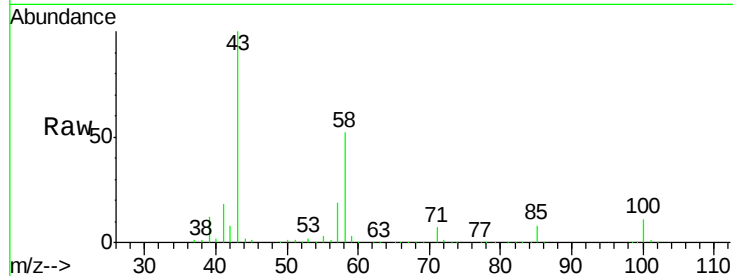




#59
2-Hexanone
Concen: 95.78 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

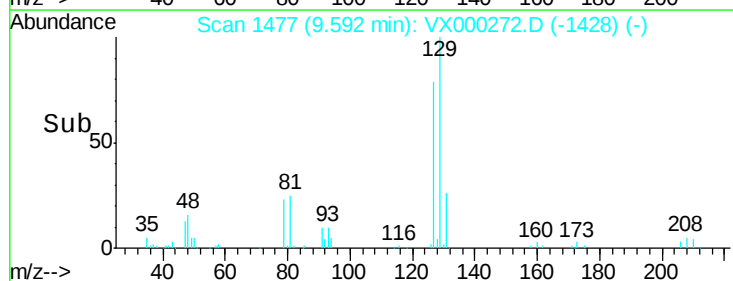
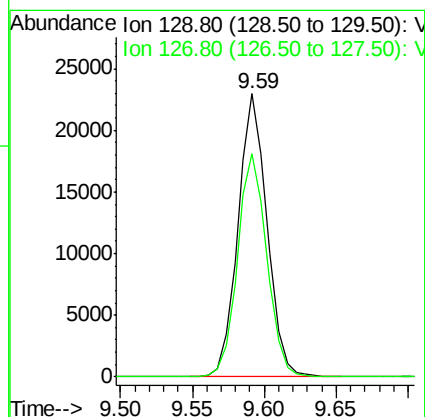
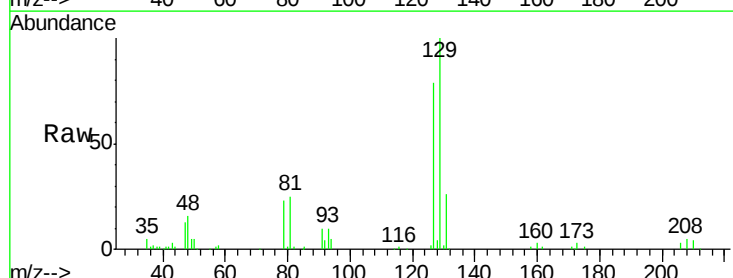
Instrument :
MSVOA_X
ClientSampleId :

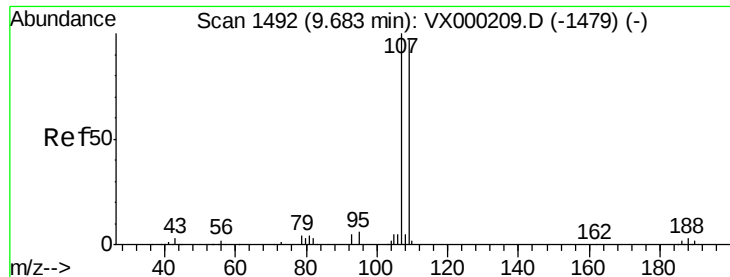
Tot Ion: 43 Resp: 250878
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 19.48 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion: 129 Resp: 32034
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.32 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

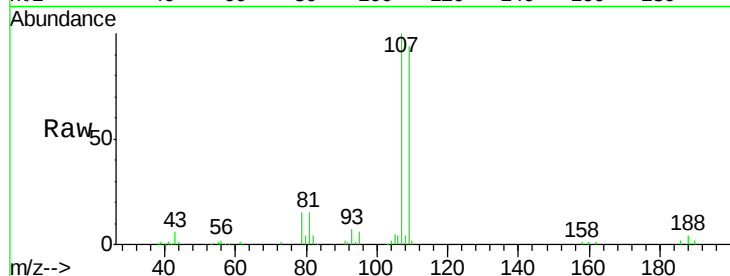
ClientSampleId :

Tot Ion:107 Resp: 35185

Ion Ratio Lower Upper

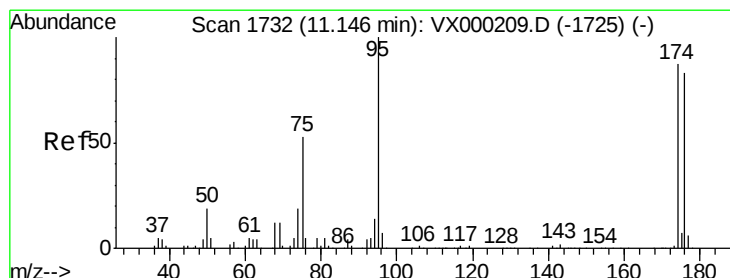
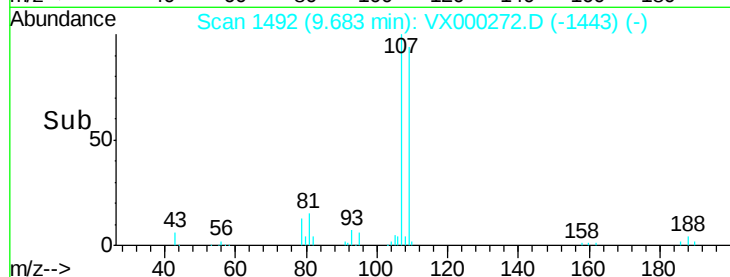
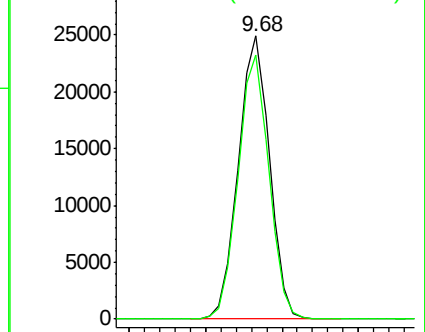
107 100

109 92.6 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

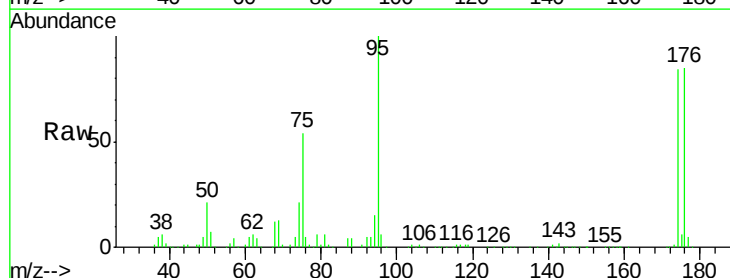
Tgt Ion: 95 Resp: 107838

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

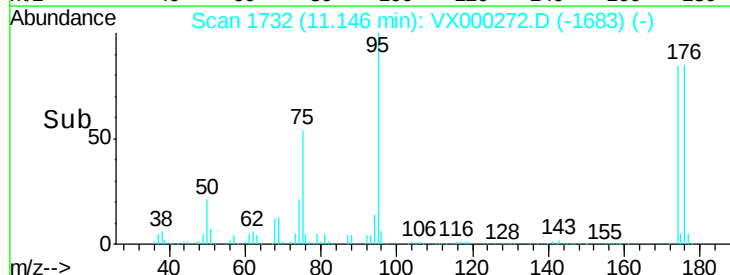
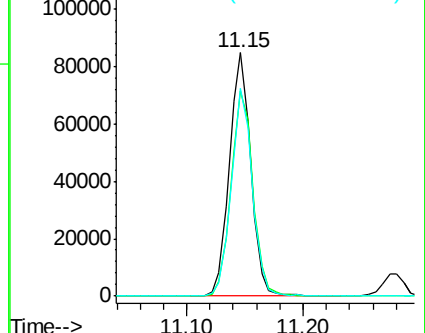
176 84.7 0.0 171.0

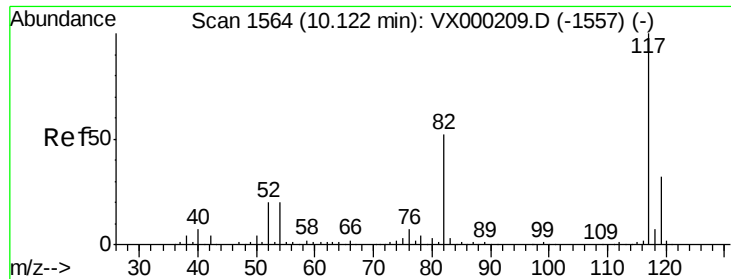


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

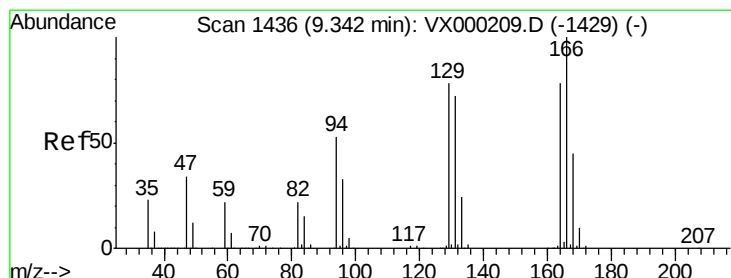
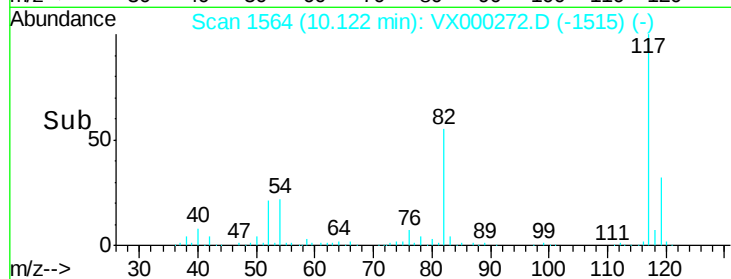
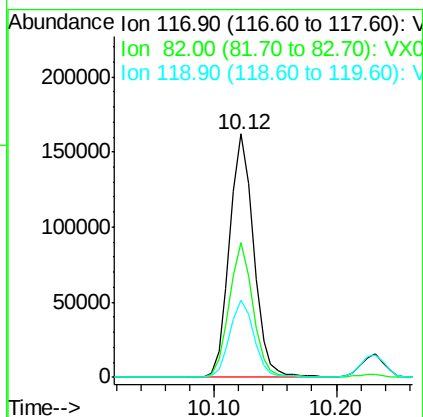
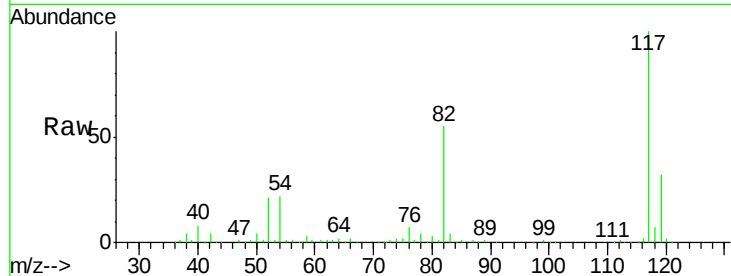




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

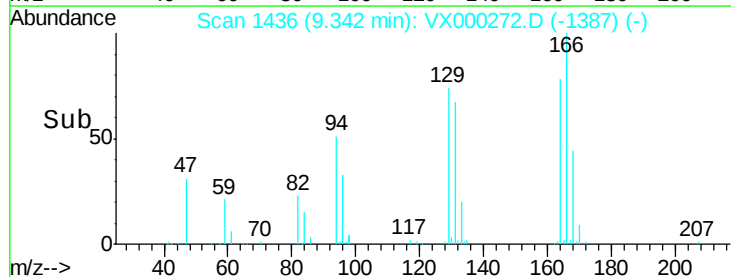
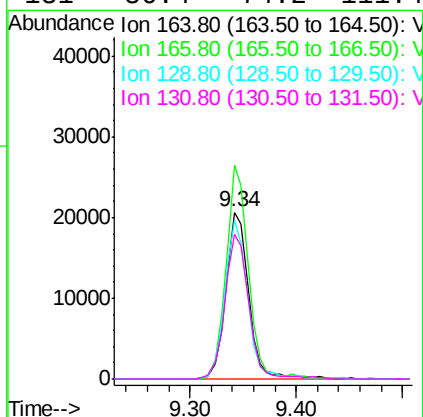
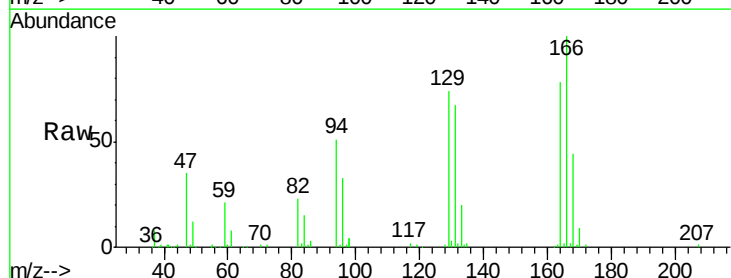
Instrument :
MSVOA_X
ClientSampled :

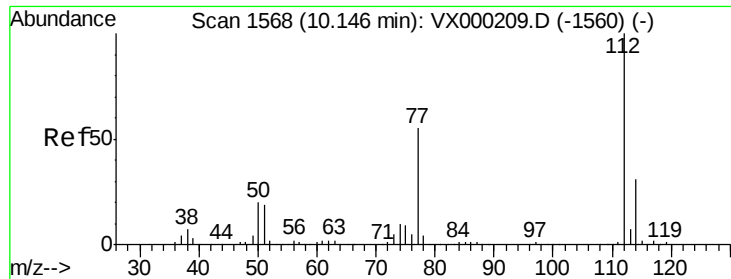
Tot Ion:117 Resp: 221999
Ion Ratio Lower Upper
117 100
82 55.2 42.0 63.0
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion:164 Resp: 31262
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 95.0 80.2 120.4
131 86.4 74.2 111.4

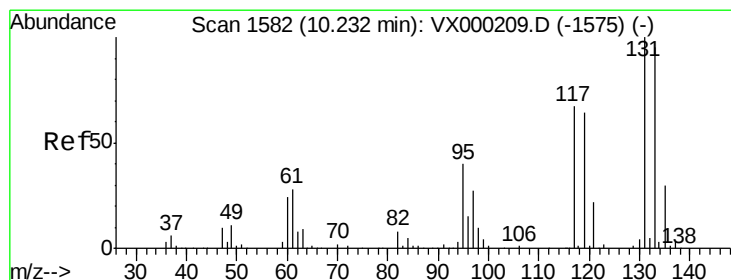
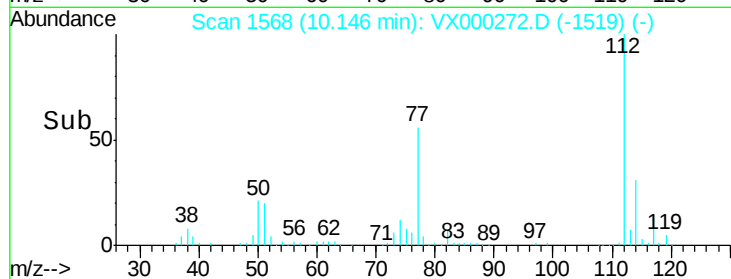
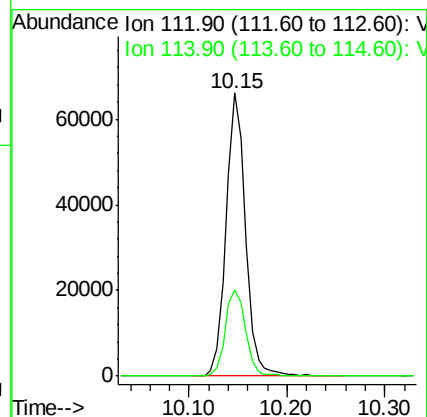
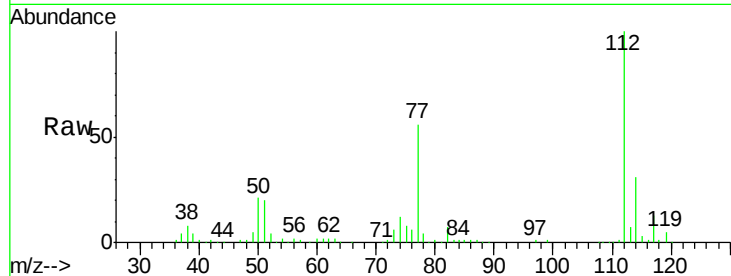




#65
Chlorobenzene
Concen: 20.35 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

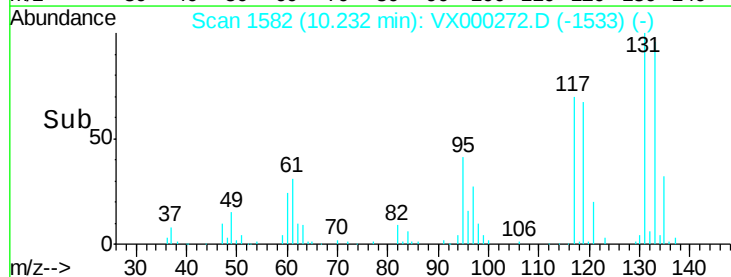
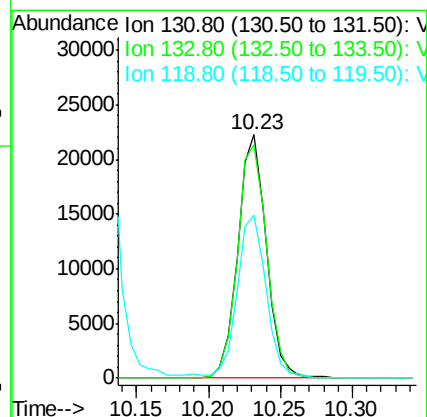
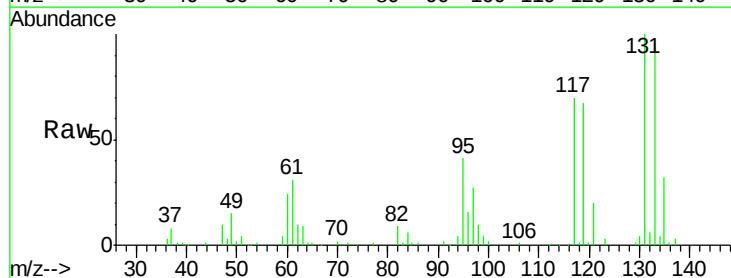
Instrument :
MSVOA_X
ClientSampleId :

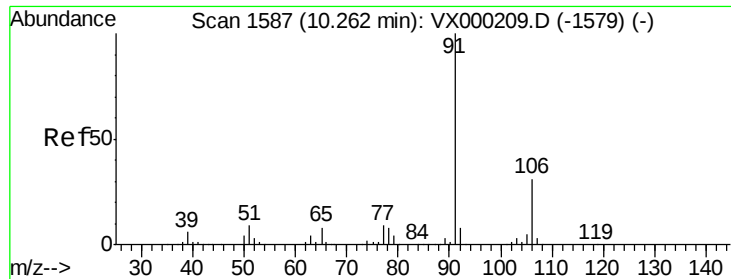
Tot Ion:112 Resp: 91220
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.01 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion:131 Resp: 30676
Ion Ratio Lower Upper
131 100
133 99.2 48.3 144.9
119 68.6 32.3 96.8





#67

Ethyl Benzene

Concen: 19.62 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

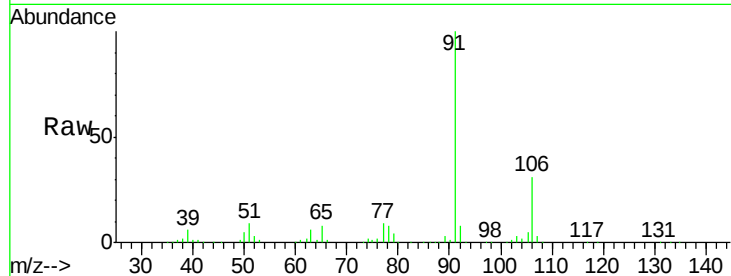
ClientSampled :

Tot Ion: 91 Resp: 153532

Ion Ratio Lower Upper

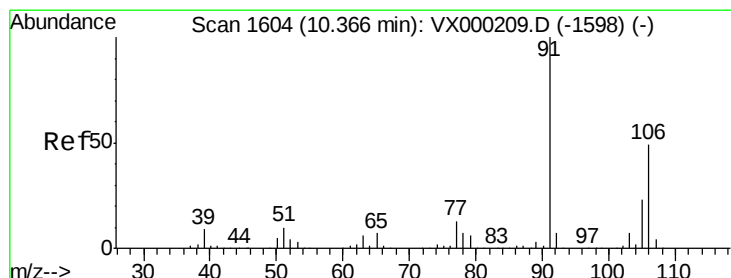
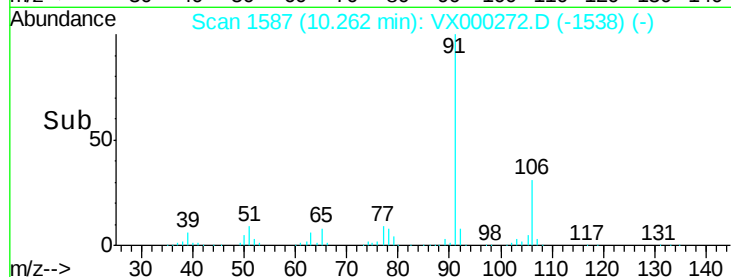
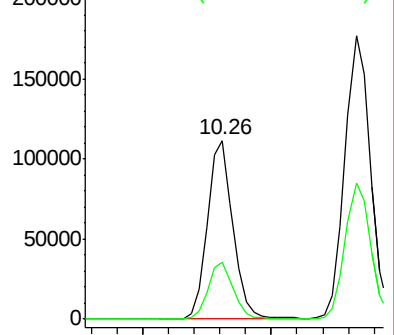
91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.14 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000272.D

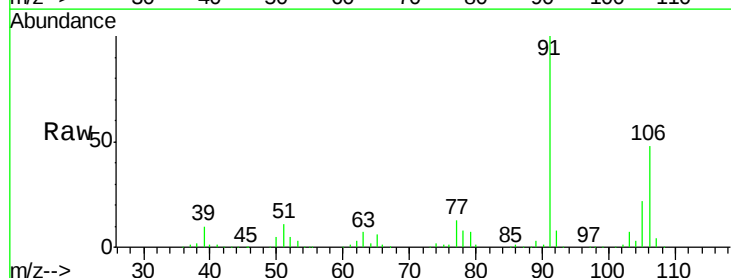
Acq: 12 Mar 2018 12:07

Tgt Ion: 106 Resp: 117879

Ion Ratio Lower Upper

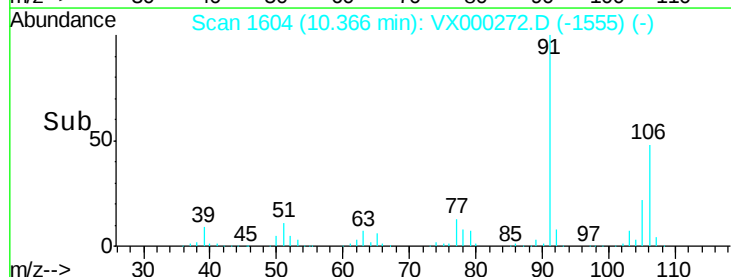
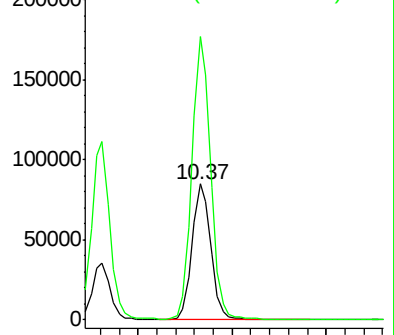
106 100

91 206.7 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

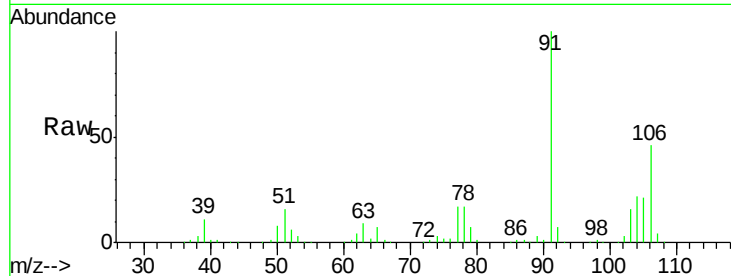




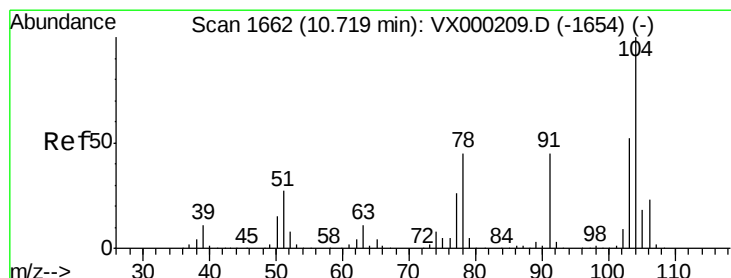
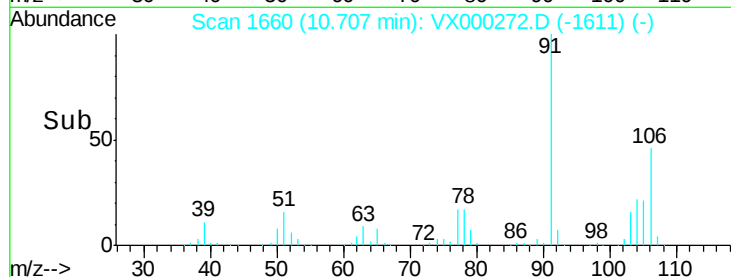
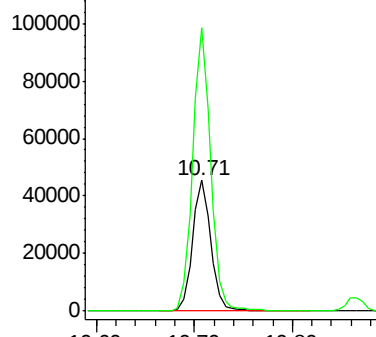
#69
o-Xylene
Concen: 20.32 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 58828
Ion Ratio Lower Upper
106 100
91 213.2 105.9 317.7

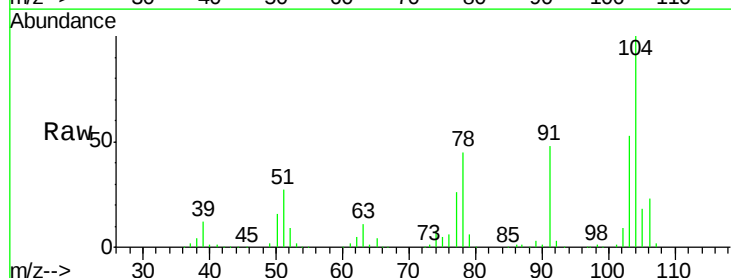


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

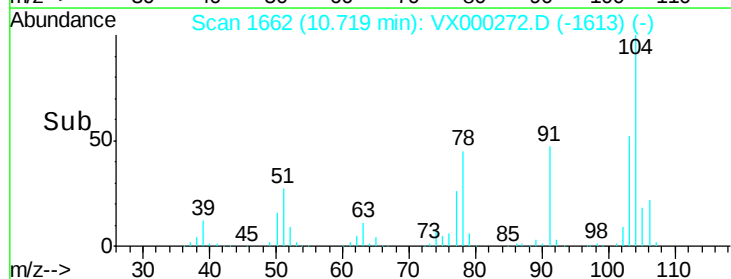
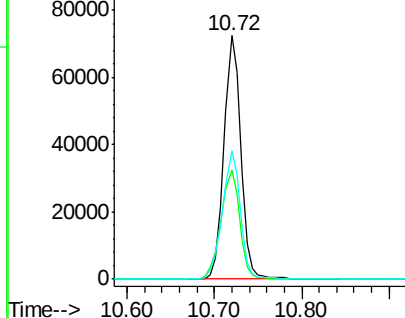


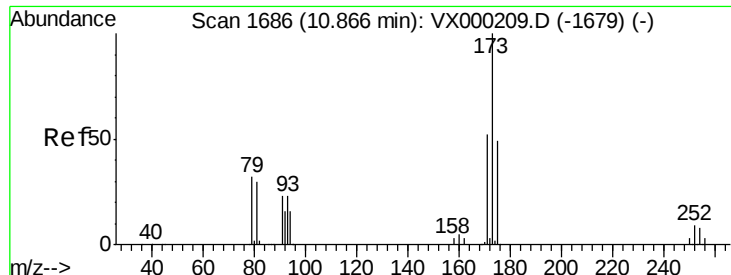
#70
Styrene
Concen: 20.09 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion:104 Resp: 96480
Ion Ratio Lower Upper
104 100
78 50.1 39.6 59.4
103 56.0 45.0 67.6



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





#71

Bromoform

Concen: 18.10 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

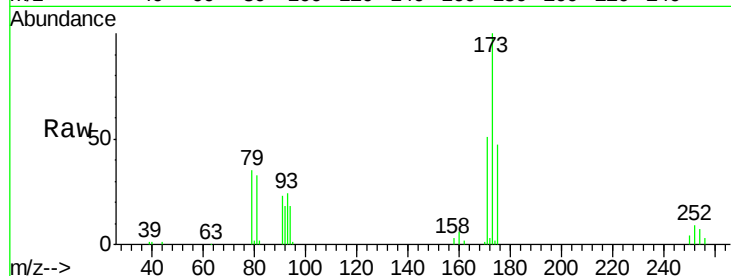
Tot Ion:173 Resp: 24990

Ion Ratio Lower Upper

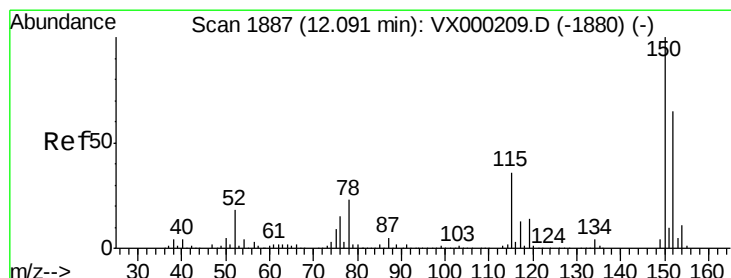
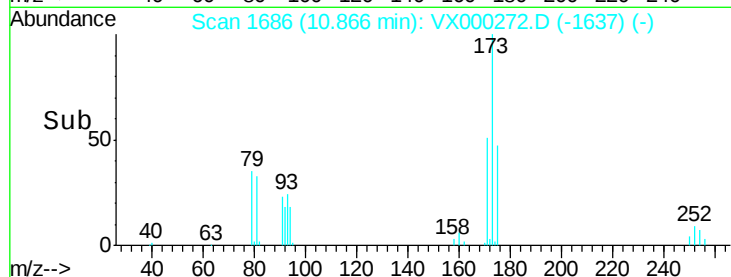
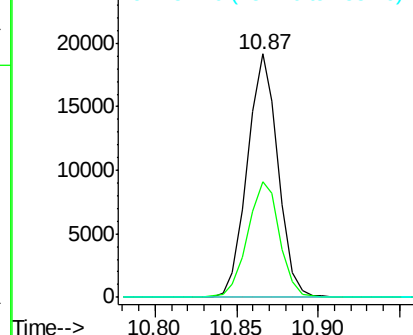
173 100

175 49.6 24.4 73.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

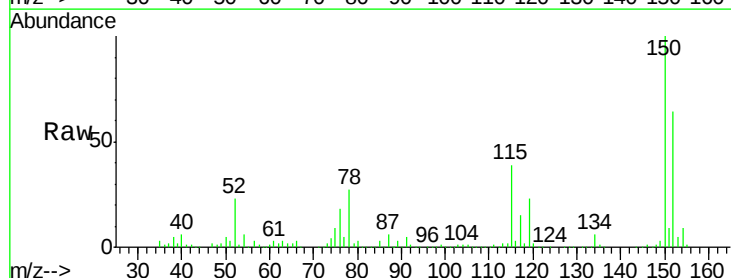
Tgt Ion:152 Resp: 130201

Ion Ratio Lower Upper

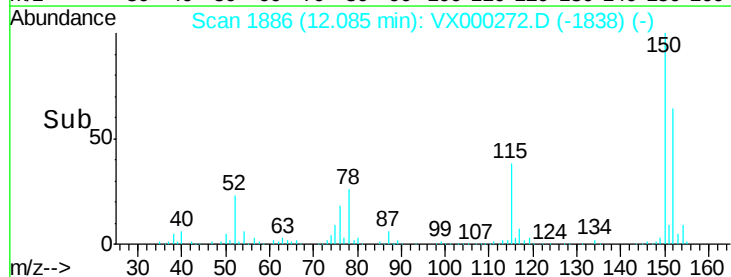
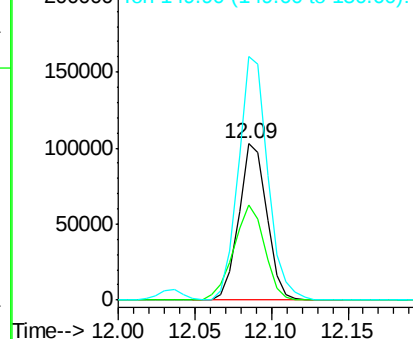
152 100

115 67.2 39.8 119.3

150 163.5 0.0 345.0



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





#73

Isopropylbenzene

Concen: 19.14 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

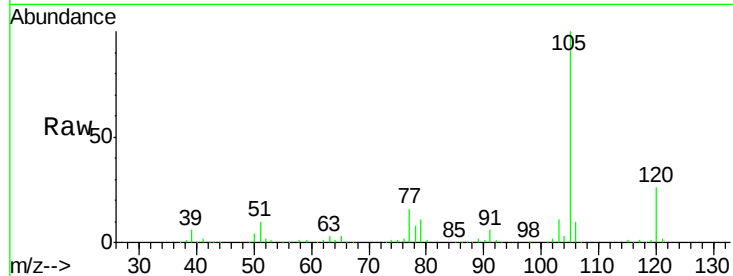
ClientSampleId :

Tot Ion:105 Resp: 155986

Ion Ratio Lower Upper

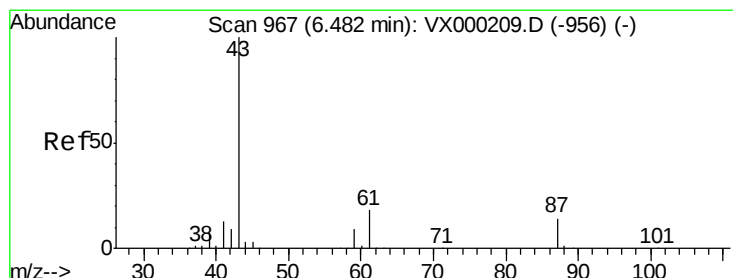
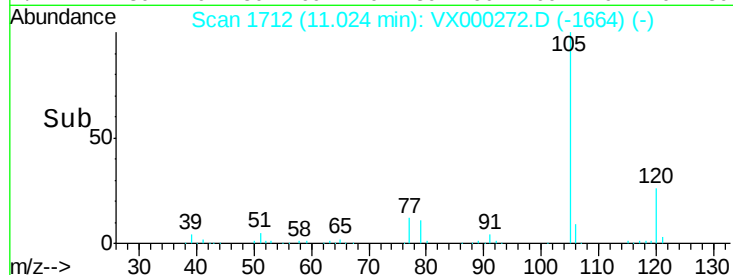
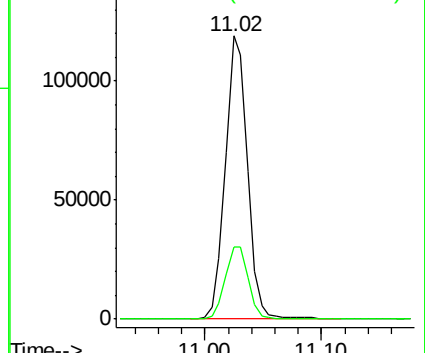
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.62 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Tgt Ion: 43 Resp: 77659

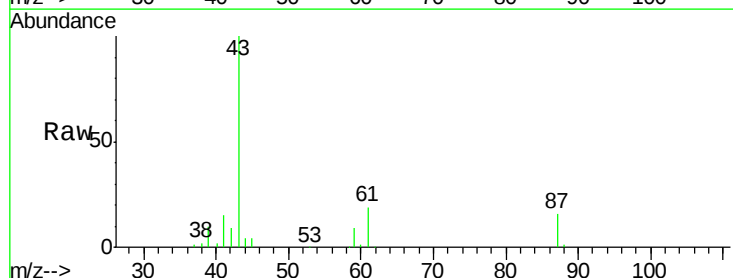
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.8 22.2

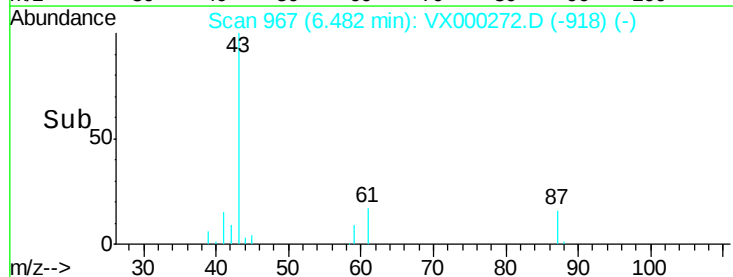
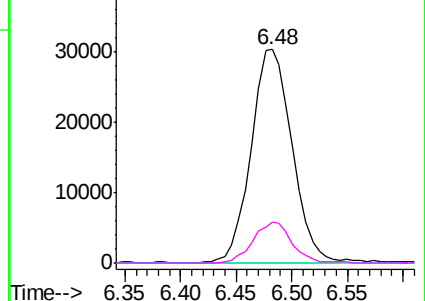


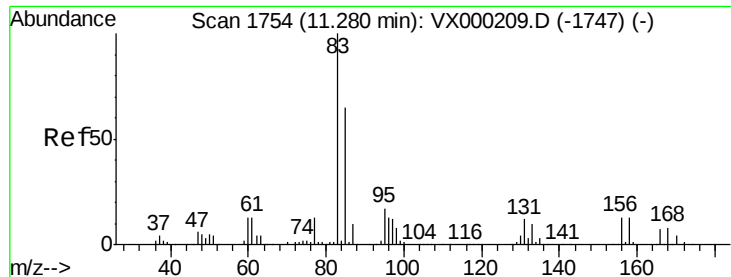
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.12 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

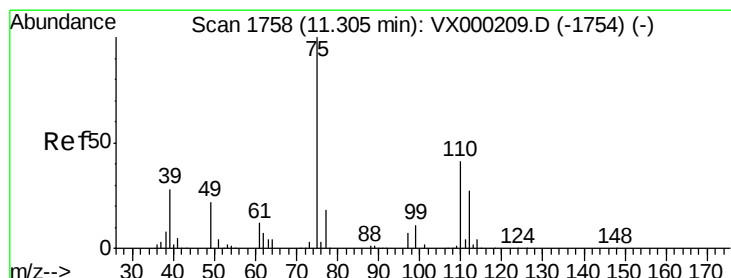
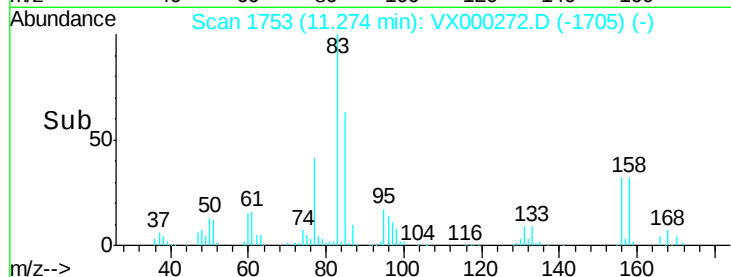
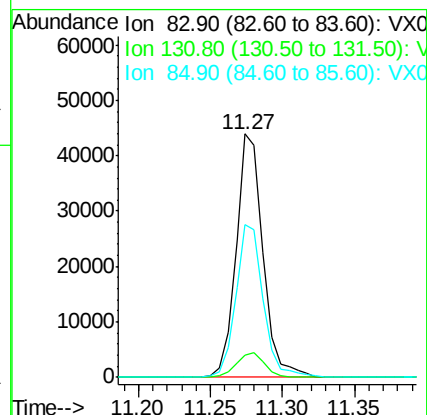
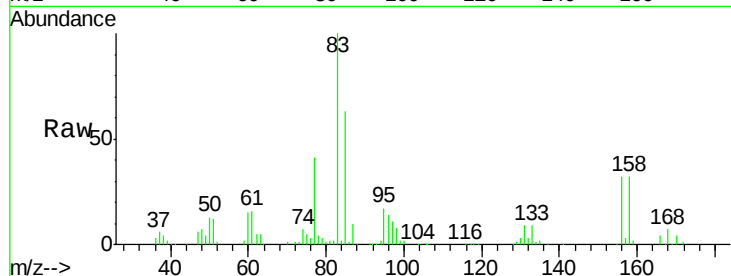
Tot Ion: 83 Resp: 57497

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

85 64.2 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 25.22 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000272.D

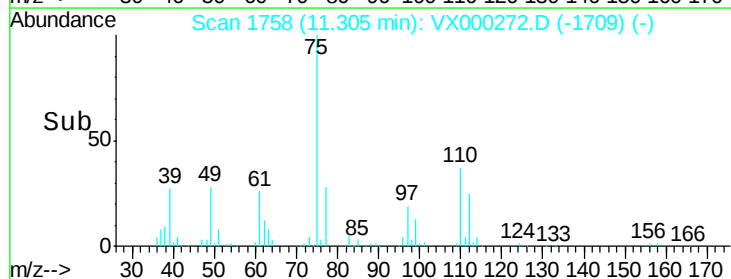
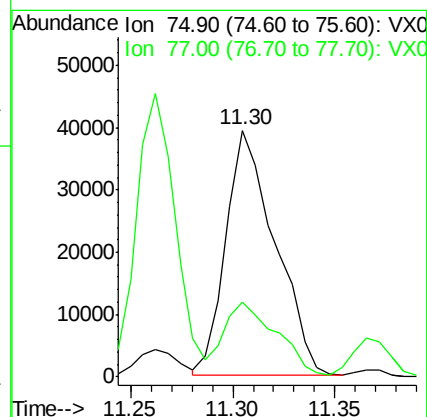
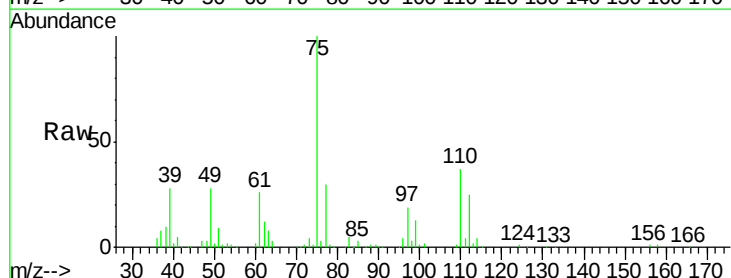
Acq: 12 Mar 2018 12:07

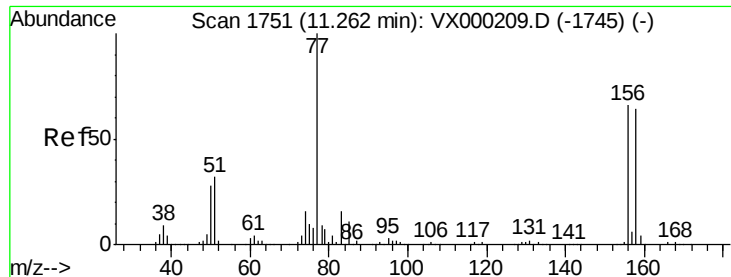
Tgt Ion: 75 Resp: 65821

Ion Ratio Lower Upper

75 100

77 32.9 22.3 66.8





#77

Bromobenzene

Concen: 18.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

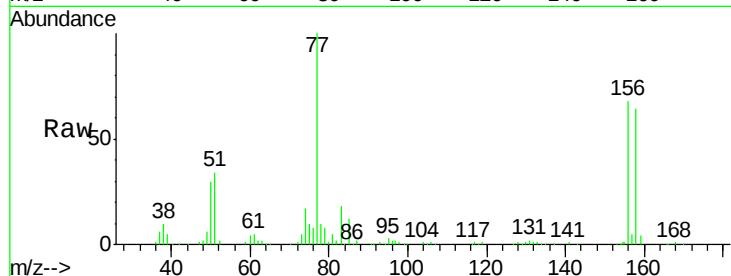
Tot Ion:156 Resp: 39820

Ion Ratio Lower Upper

156 100

77 152.1 71.9 215.7

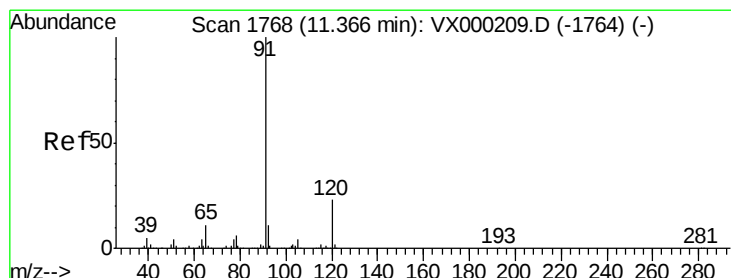
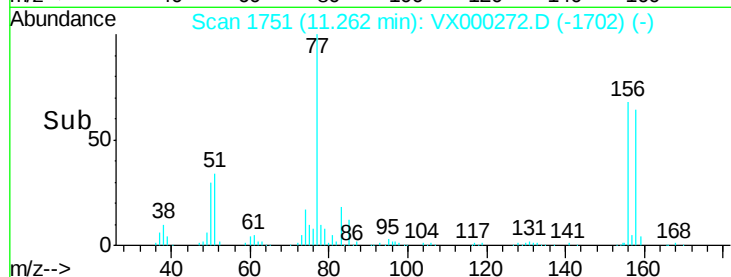
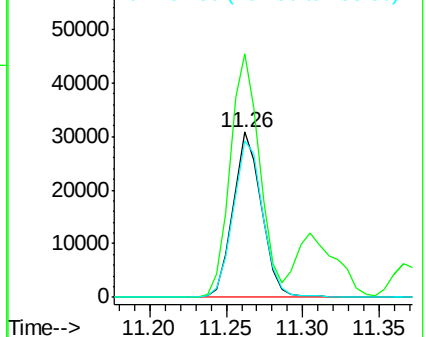
158 98.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000272.D

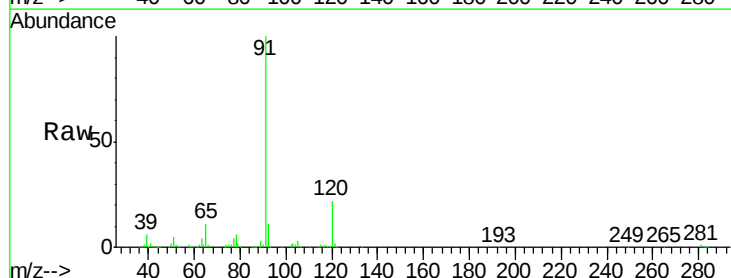
Acq: 12 Mar 2018 12:07

Tgt Ion: 91 Resp: 187834

Ion Ratio Lower Upper

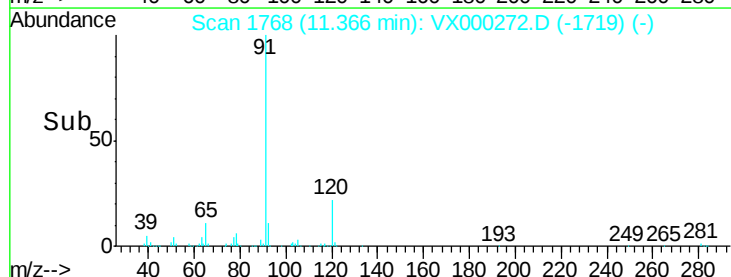
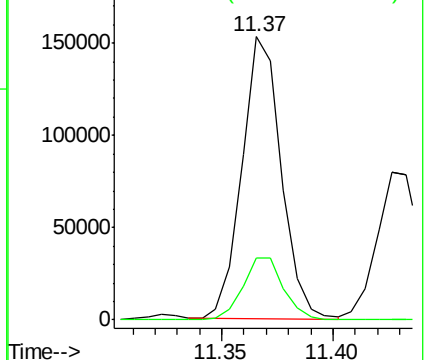
91 100

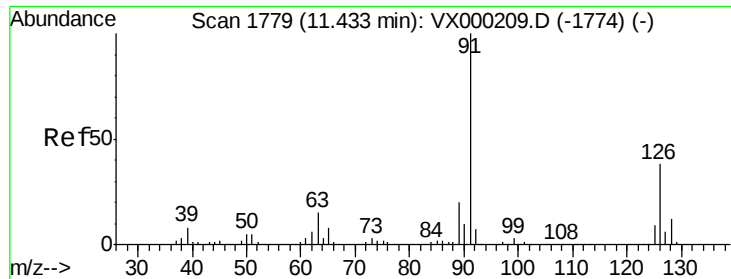
120 23.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

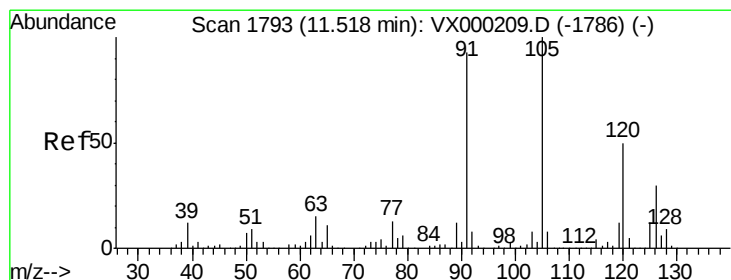
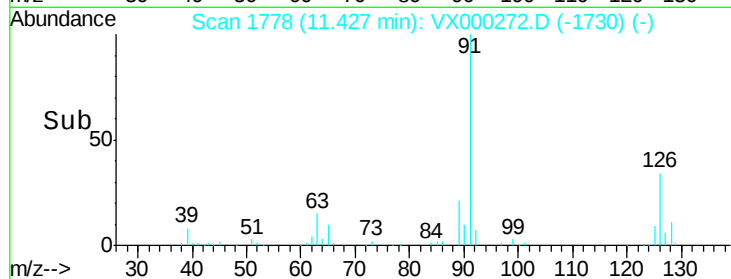
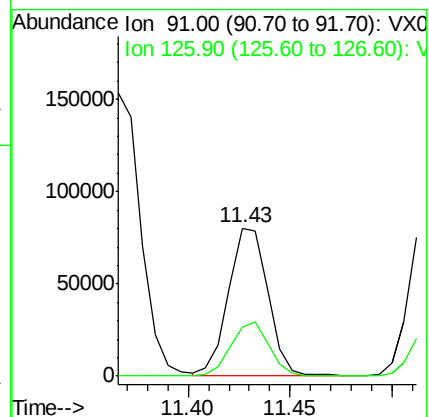
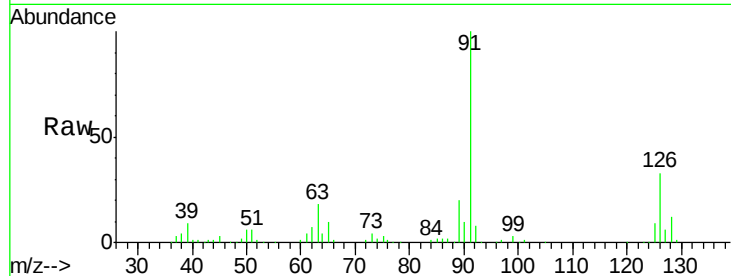
ClientSampleId :

Tot Ion: 91 Resp: 106530

Ion Ratio Lower Upper

91 100

126 35.8 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000272.D

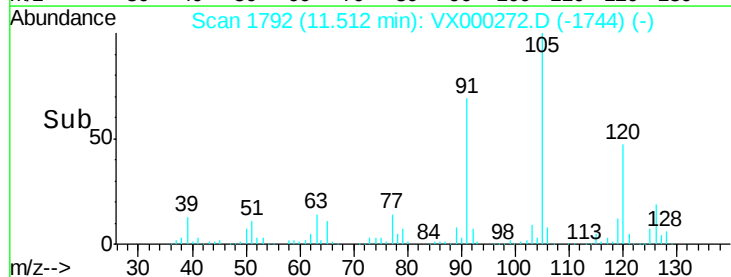
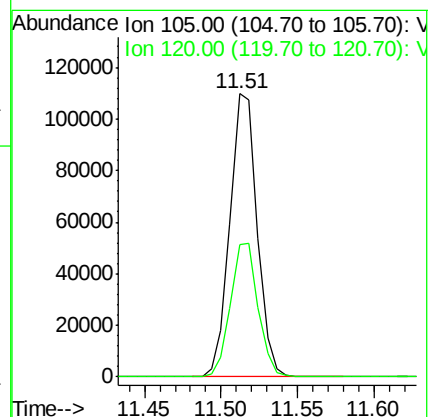
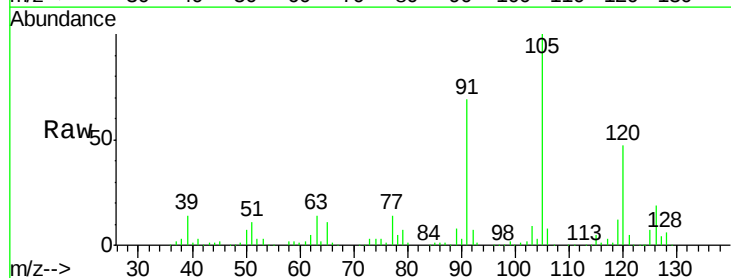
Acq: 12 Mar 2018 12:07

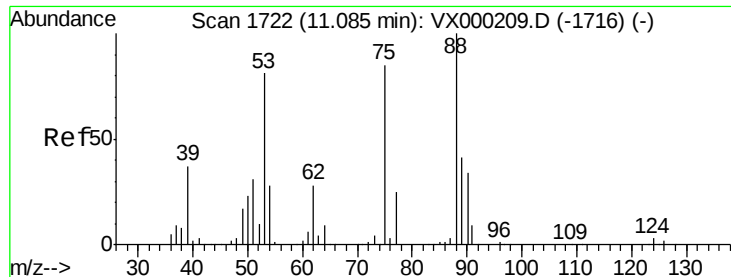
Tgt Ion: 105 Resp: 135679

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.18 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

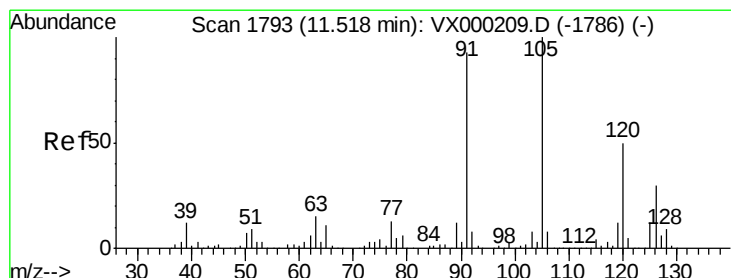
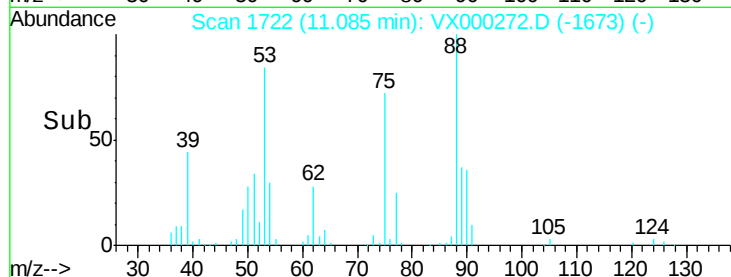
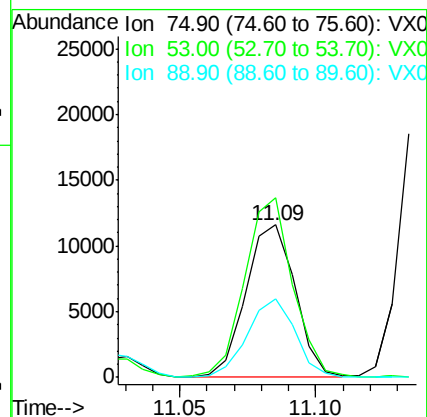
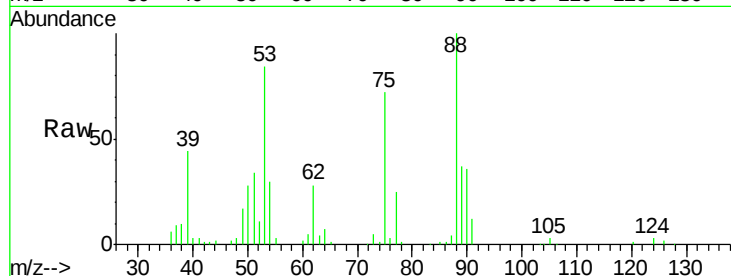
Tot Ion: 75 Resp: 14645

Ion Ratio Lower Upper

75 100

53 114.7 78.6 118.0

89 50.0 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.09 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000272.D

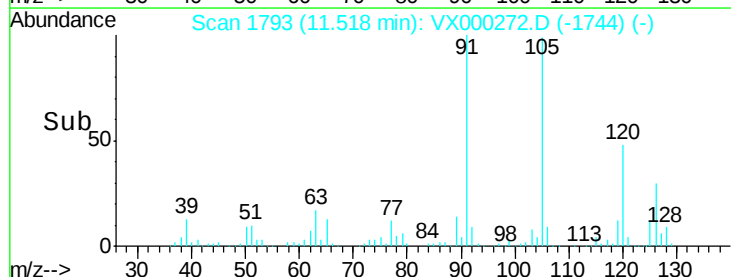
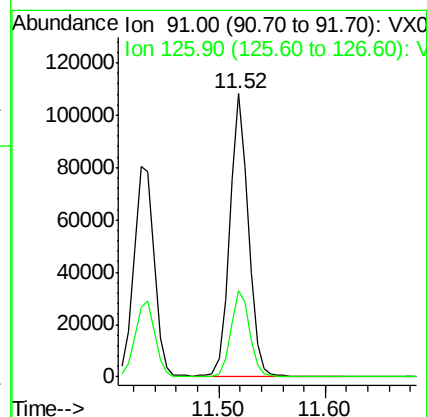
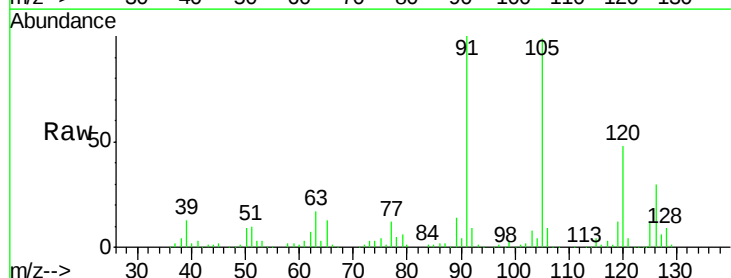
Acq: 12 Mar 2018 12:07

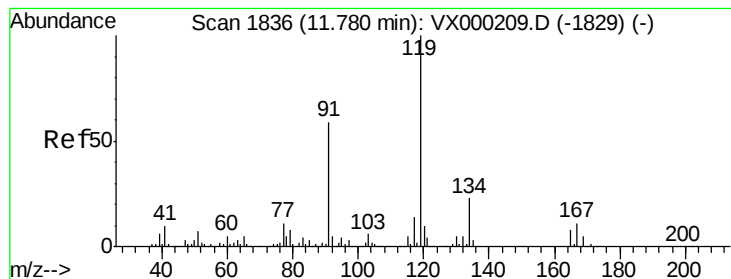
Tgt Ion: 91 Resp: 132209

Ion Ratio Lower Upper

91 100

126 31.1 16.0 48.0





#83

tert-Butylbenzene

Concen: 19.62 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

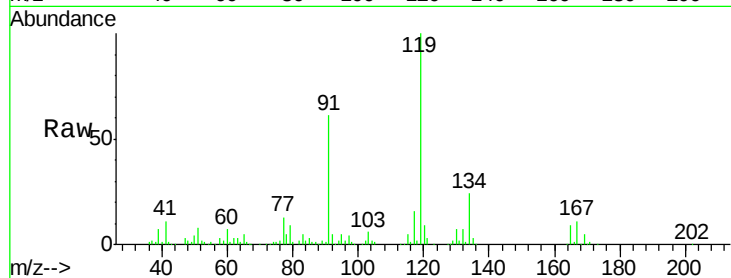
Tot Ion:119 Resp: 129940

Ion Ratio Lower Upper

119 100

91 60.4 28.9 86.7

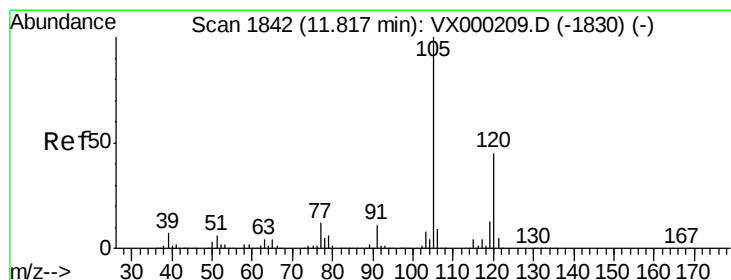
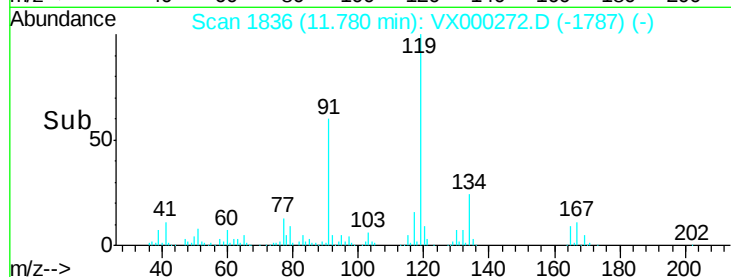
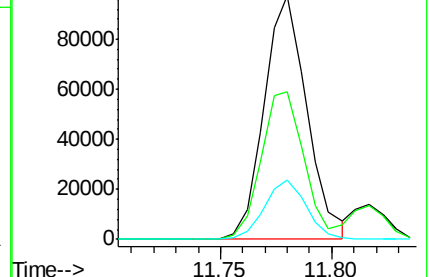
134 23.7 11.5 34.4



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



#84

1,2,4-Trimethylbenzene

Concen: 20.06 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000272.D

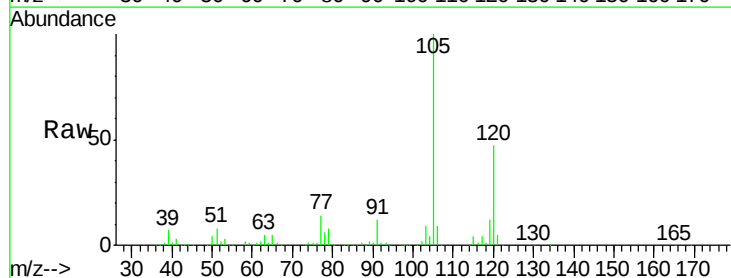
Acq: 12 Mar 2018 12:07

Tgt Ion:105 Resp: 140414

Ion Ratio Lower Upper

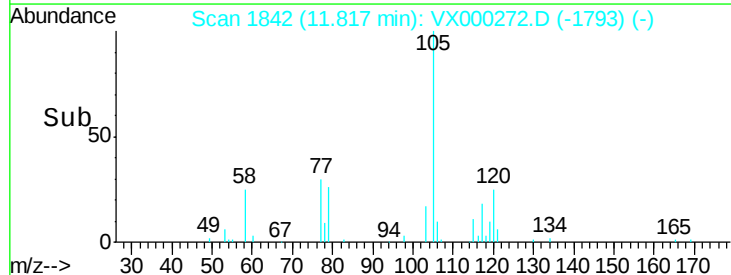
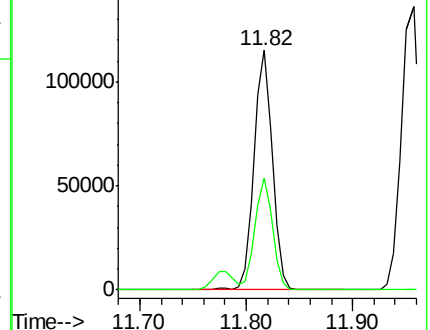
105 100

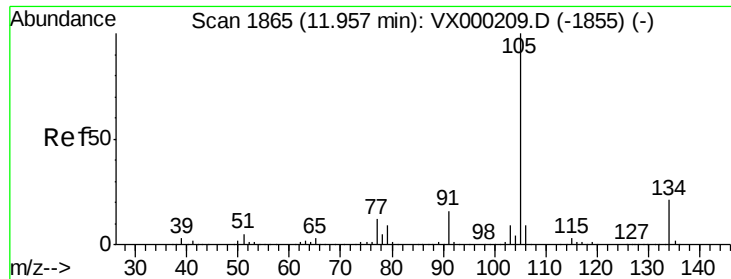
120 45.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.19 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

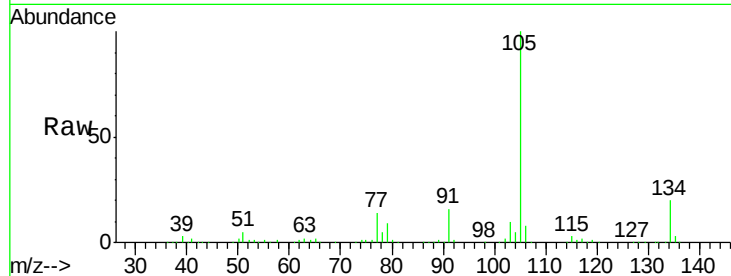
ClientSampleId :

Tot Ion:105 Resp: 169096

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

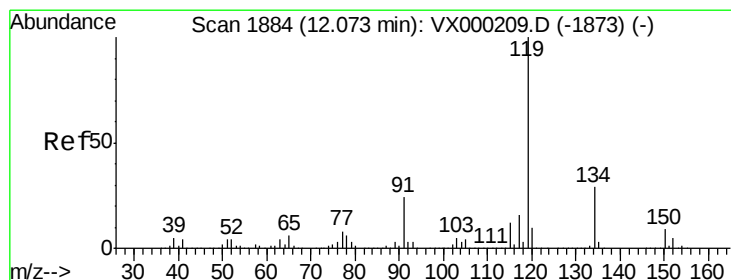
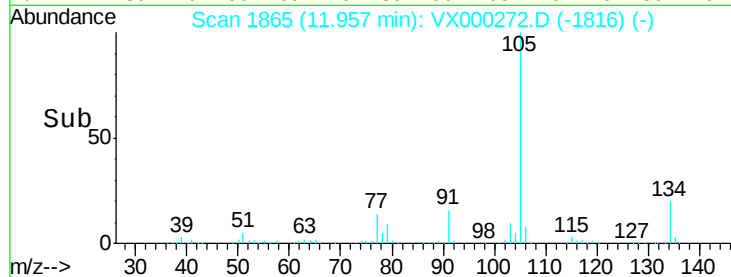
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.26 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

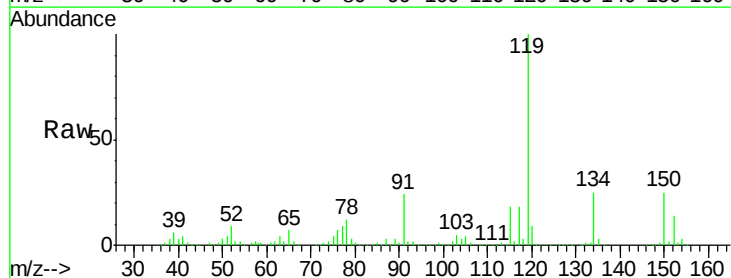
Tgt Ion:119 Resp: 149659

Ion Ratio Lower Upper

119 100

134 25.9 13.8 41.3

91 24.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

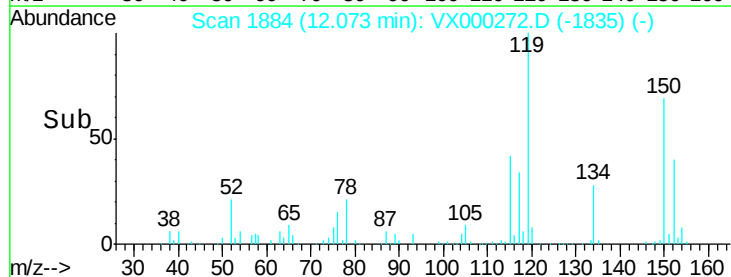
150000

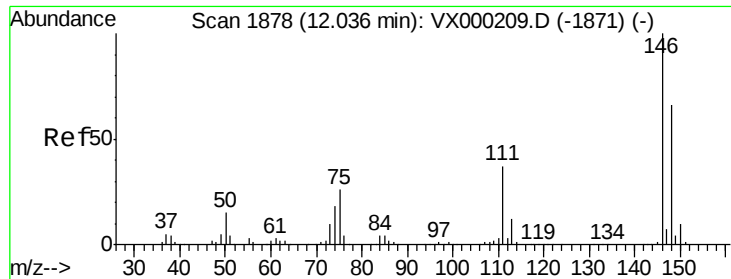
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.75 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

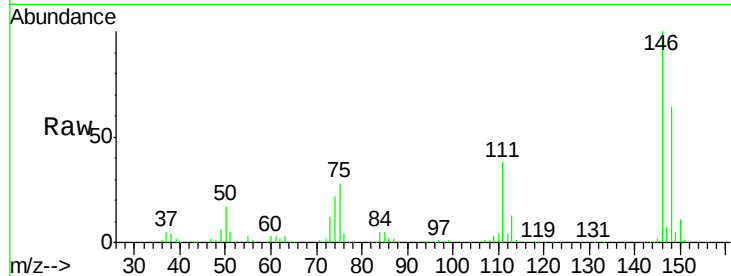
Tot Ion:146 Resp: 79127

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

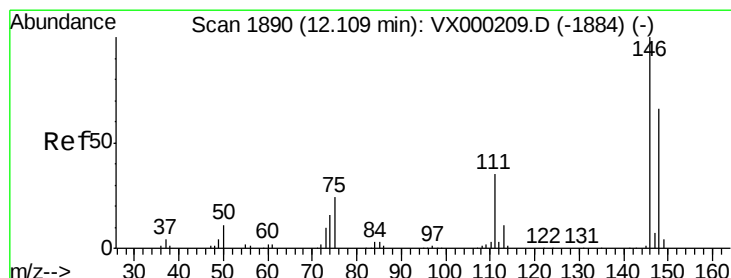
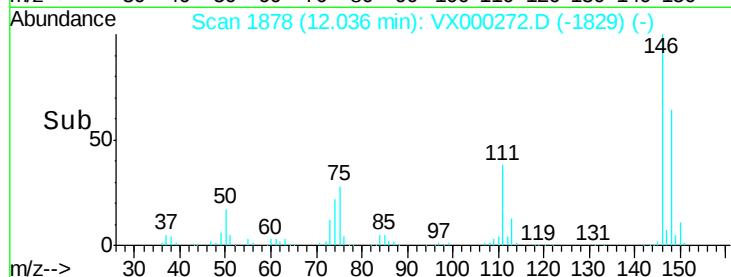
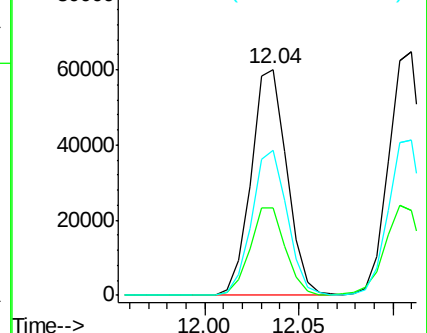
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.93 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

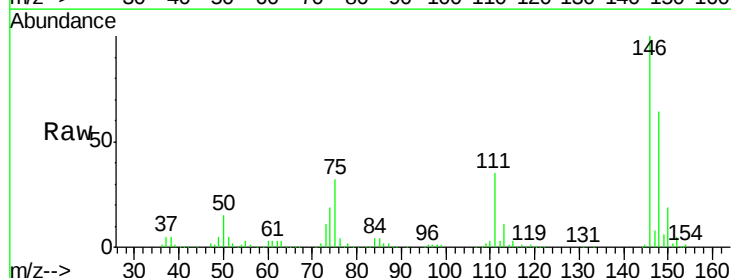
Tgt Ion:146 Resp: 83675

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.9

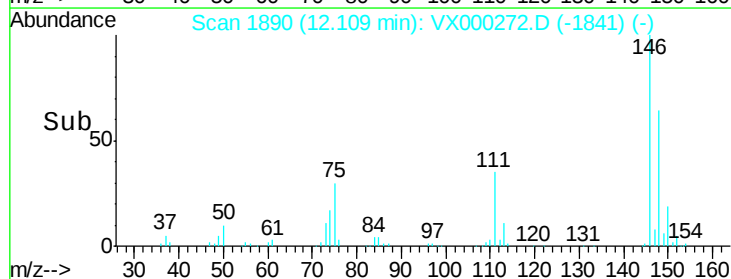
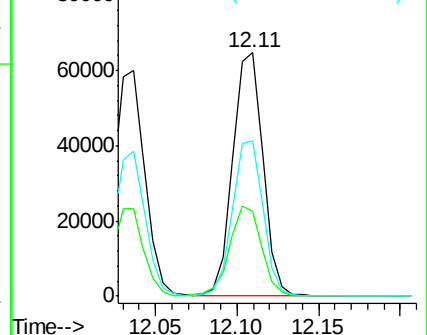
148 64.7 32.6 97.8

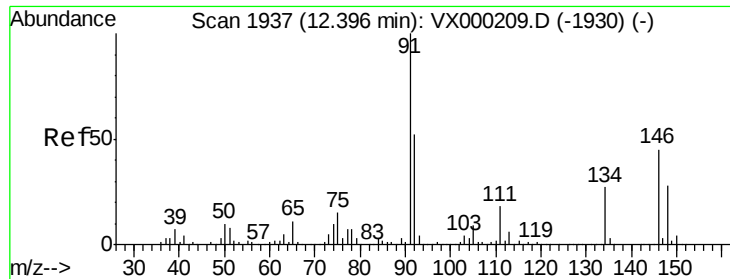


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000272.D

Acq: 12 Mar 2018 12:07

Instrument :

MSVOA_X

ClientSampled :

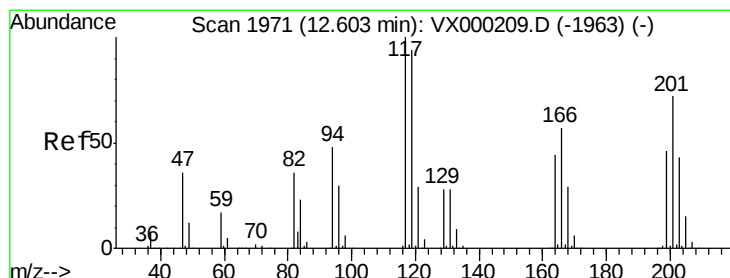
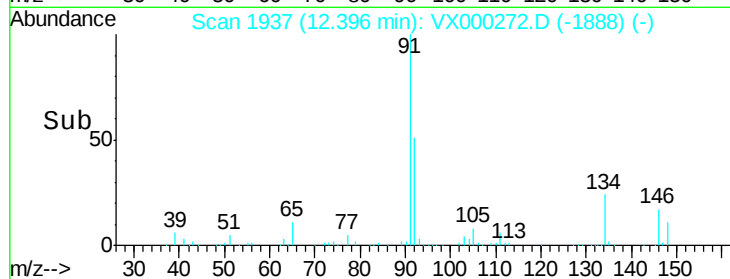
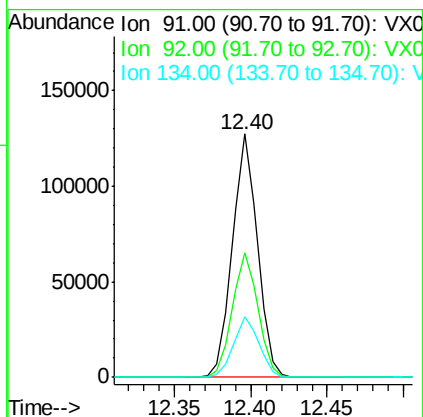
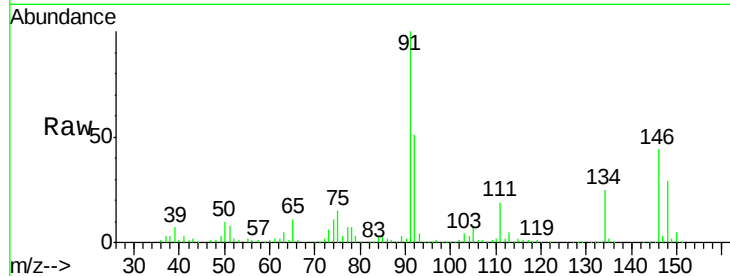
Tot Ion: 91 Resp: 144390

Ion Ratio Lower Upper

91 100

92 52.2 25.8 77.4

134 25.1 13.5 40.5



#90

Hexachloroethane

Concen: 18.23 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000272.D

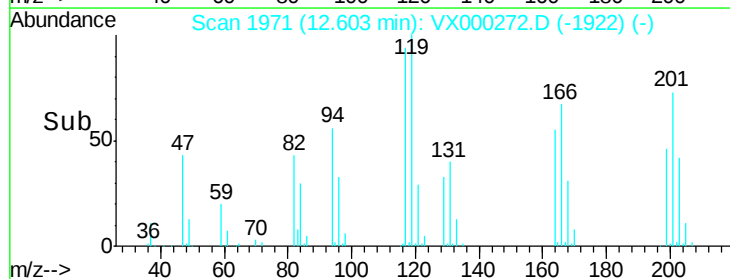
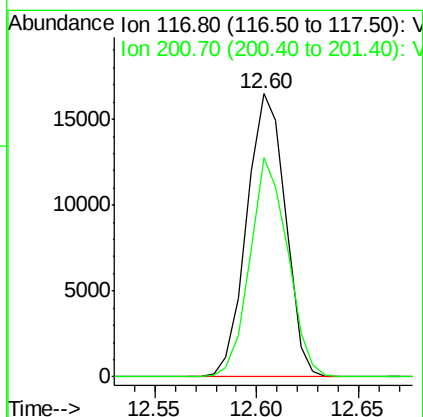
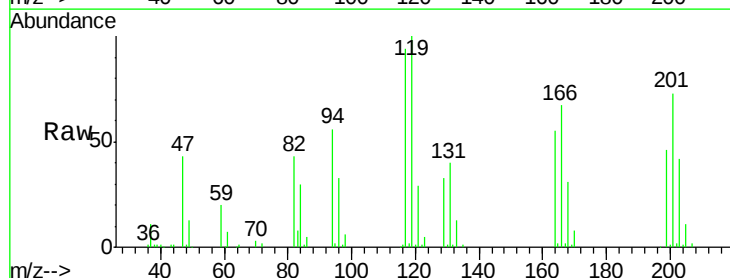
Acq: 12 Mar 2018 12:07

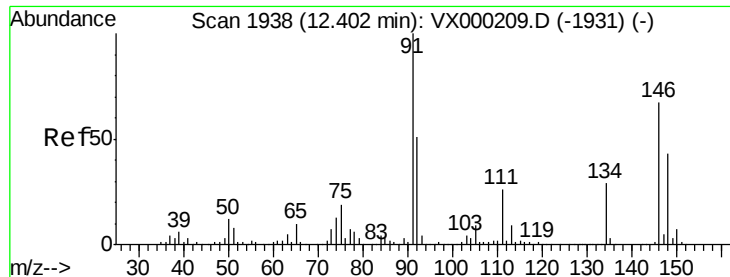
Tgt Ion: 117 Resp: 21701

Ion Ratio Lower Upper

117 100

201 75.8 38.2 114.6

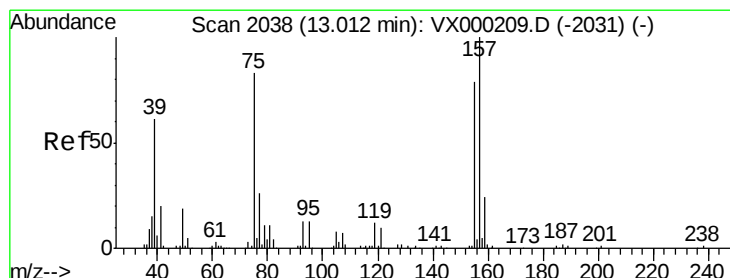
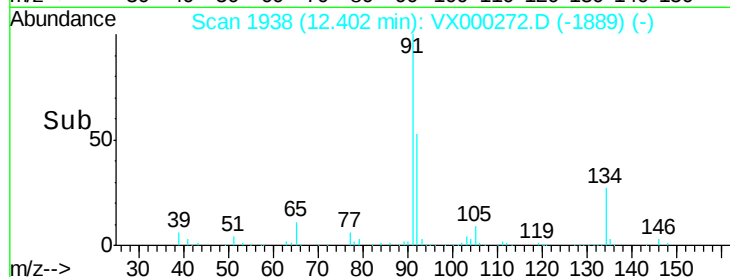
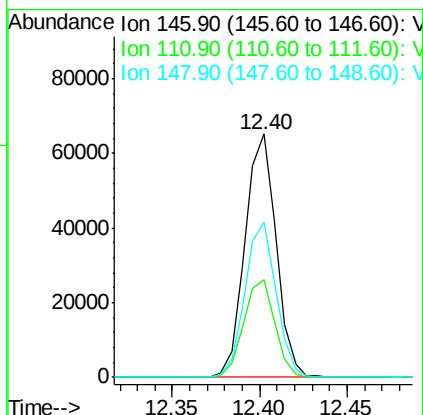
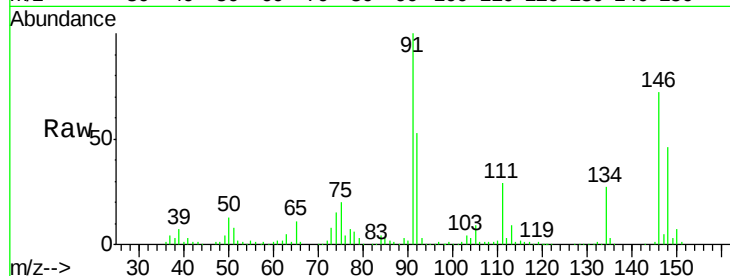




#91
 1,2-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

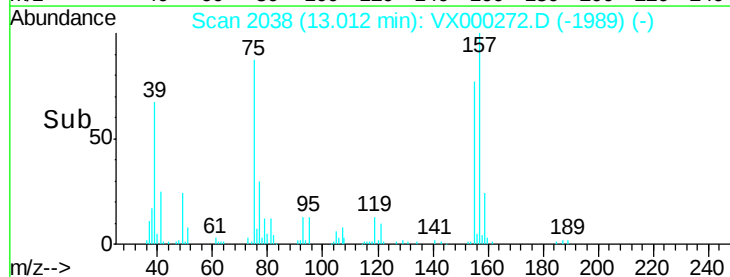
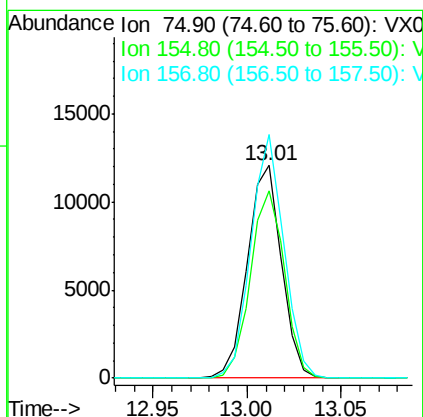
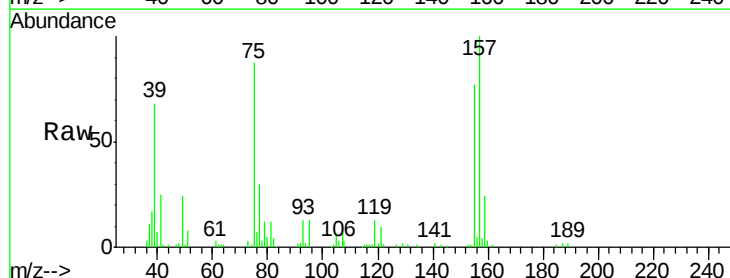
Instrument :
 MSVOA_X
 ClientSampleId :

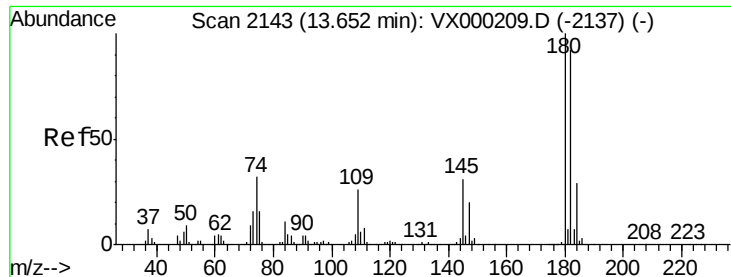
Tot Ion:146 Resp: 80657
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.0
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.86 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion: 75 Resp: 15133
 Ion Ratio Lower Upper
 75 100
 155 87.8 45.5 136.5
 157 110.2 58.6 175.8

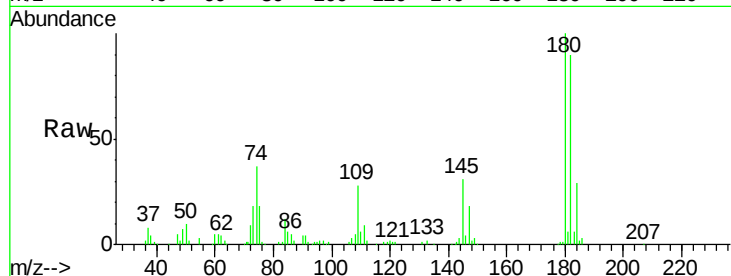




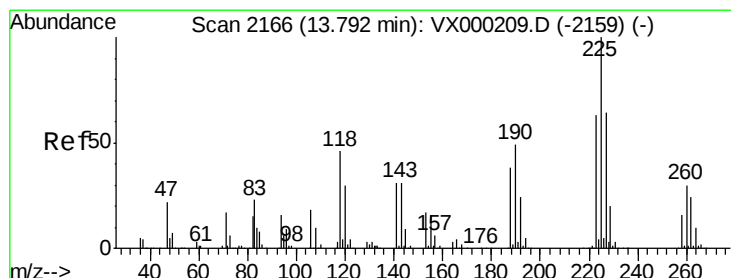
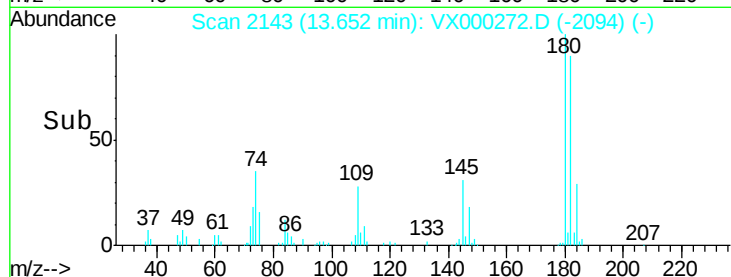
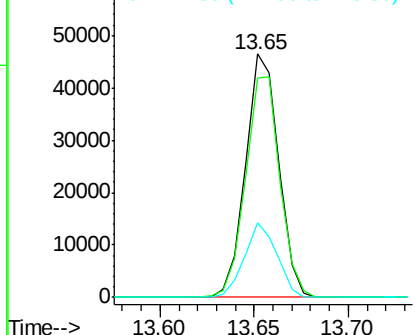
#93
 1,2,4-Trichlorobenzene
 Concen: 19.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.0	141.0
145	30.0	15.3	45.9

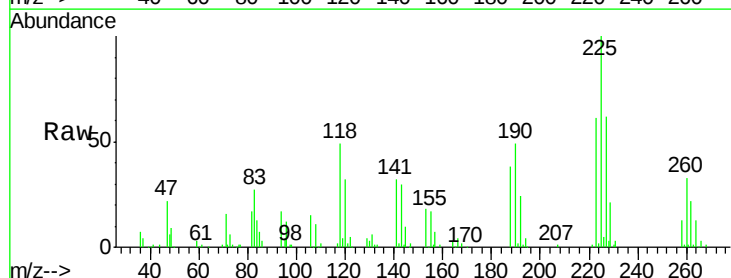


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

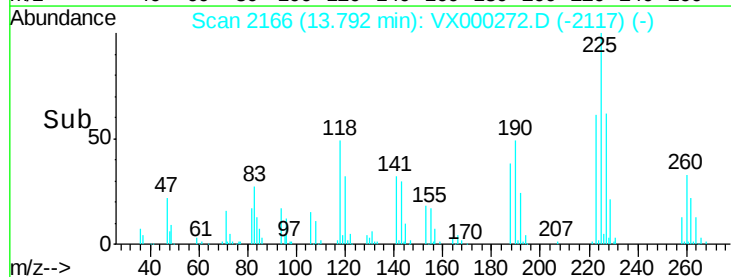
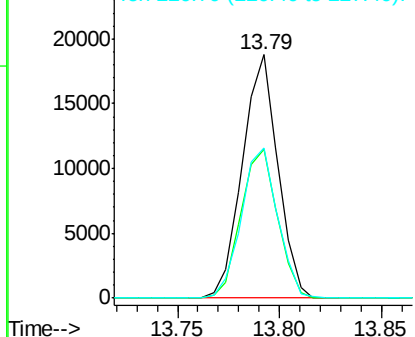


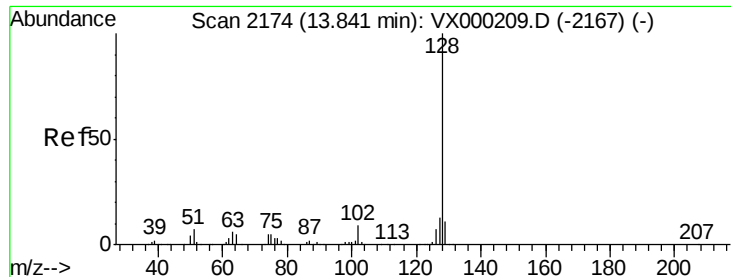
#94
 Hexachlorobutadiene
 Concen: 18.93 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000272.D
 Acq: 12 Mar 2018 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.8	95.3
227	62.9	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

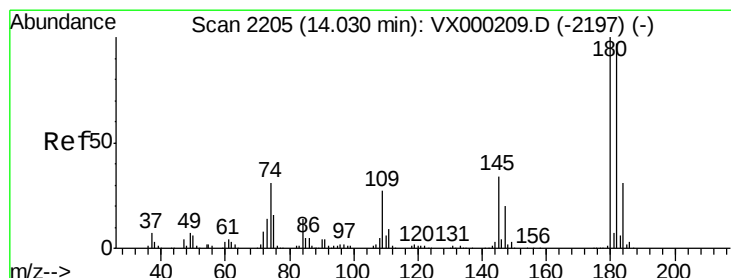
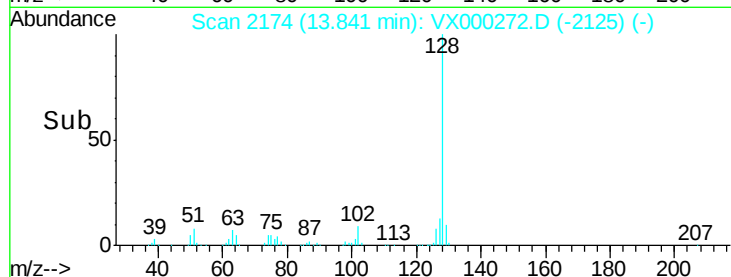
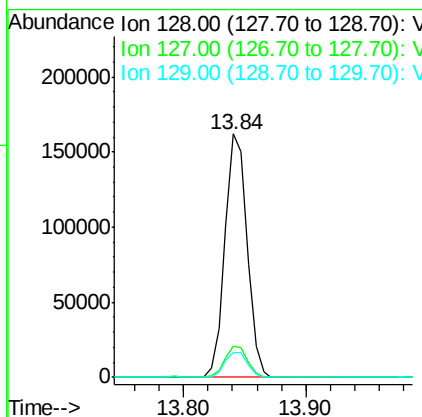
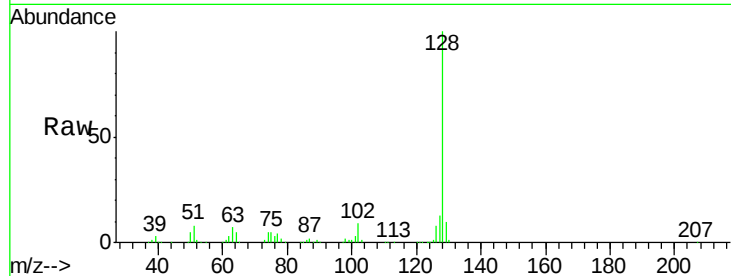




#95
Naphthalene
Concen: 20.10 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 202445
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.75 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000272.D
Acq: 12 Mar 2018 12:07

Tgt Ion:180 Resp: 56380
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.0
145 31.2 16.3 48.8

