

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000230.D
 Acq On : 08 Mar 2018 19:45
 Operator : JC/MD
 Sample : VX0308WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 04:15:31 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	133857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	130194	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	86850	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	5.51	113	67189	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.73	98	272056	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.15	95	102984	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	26553	18.20	ug/l	96
3) Chloromethane	1.32	50	28675	20.14	ug/l	99
4) Vinyl Chloride	1.40	62	33606	20.25	ug/l	97
5) Bromomethane	1.64	94	27813	15.37	ug/l	95
6) Chloroethane	1.73	64	21811	20.80	ug/l	95
7) Trichlorofluoromethane	1.93	101	56813	20.64	ug/l	95
8) Diethyl Ether	2.20	74	20539	20.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29794	19.38	ug/l	99
10) Methyl Iodide	2.52	142	25261	17.81	ug/l	99
11) Tert butyl alcohol	3.08	59	71011	104.15	ug/l	100
12) 1,1-Dichloroethene	2.38	96	29361	20.80	ug/l	98
13) Acrolein	2.30	56	41423	115.56	ug/l	96
14) Allyl chloride	2.73	41	52929	20.30	ug/l	98
15) Acrylonitrile	3.16	53	125003	105.35	ug/l	100
16) Acetone	2.45	43	138085	103.62	ug/l	98
17) Carbon Disulfide	2.57	76	74648	19.30	ug/l	98
18) Methyl Acetate	2.79	43	60652	21.37	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	103720	20.63	ug/l	95
20) Methylene Chloride	2.86	84	32165	20.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30989	19.96	ug/l	99
22) Diisopropyl ether	3.89	45	76963	17.18	ug/l	95
23) Vinyl Acetate	3.84	43	372594	86.32	ug/l	100
24) 1,1-Dichloroethane	3.70	63	53887	19.63	ug/l	98
25) 2-Butanone	4.72	43	164876	100.26	ug/l	99
26) 2,2-Dichloropropane	4.60	77	38517	19.19	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27908	18.96	ug/l	100
28) Bromochloromethane	5.03	49	26253	22.50	ug/l	96
29) Tetrahydrofuran	5.18	42	104842	101.50	ug/l	98
30) Chloroform	5.23	83	50838	19.15	ug/l	97
31) Cyclohexane	5.59	56	39375	19.39	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	45026	19.56	ug/l	99
36) 1,1-Dichloropropene	5.81	75	37966	19.12	ug/l	99
37) Ethyl Acetate	4.88	43	55402	19.31	ug/l	99
38) Carbon Tetrachloride	5.79	117	38298	19.06	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42754	17.55	ug/l	93
40) Benzene	6.15	78	109824	19.18	ug/l	98
41) Methacrylonitrile	5.07	41	27881	19.06	ug/l	98
42) 1,2-Dichloroethane	6.21	62	44924	20.00	ug/l	99
43) Isopropyl Acetate	6.48	43	79601	19.19	ug/l	100
44) Trichloroethene	7.23	130	31347	19.13	ug/l	100
45) 1,2-Dichloropropane	7.53	63	28825	19.88	ug/l	97
46) Dibromomethane	7.68	93	21510	18.75	ug/l	97
47) Bromodichloromethane	7.91	83	39934	19.79	ug/l	99
48) Methyl methacrylate	7.79	41	38661	18.92	ug/l	97
49) 1,4-Dioxane	7.77	88	18229	393.00	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	313401	100.10	ug/l	98
52) Toluene	8.79	92	74591	19.01	ug/l	95
53) t-1,3-Dichloropropene	8.45	75	46266	19.45	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	44455	19.32	ug/l	95
55) 1,1,2-Trichloroethane	9.23	97	31587	19.87	ug/l	96
56) Ethyl methacrylate	9.20	69	48773	20.50	ug/l	98
57) 1,3-Dichloropropane	9.38	76	52859	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	121110	100.84	ug/l	98
59) 2-Hexanone	9.51	43	265582	99.48	ug/l	99
60) Dibromochloromethane	9.59	129	31372	18.72	ug/l	98
61) 1,2-Dibromoethane	9.68	107	34118	19.33	ug/l	99
64) Tetrachloroethene	9.34	164	29252	18.40	ug/l	96
65) Chlorobenzene	10.15	112	89376	19.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	30978	19.75	ug/l	98
67) Ethyl Benzene	10.26	91	153572	19.18	ug/l	100
68) m/p-Xylenes	10.37	106	119613	38.81	ug/l	99
69) o-Xylene	10.71	106	56806	19.18	ug/l	97
70) Styrene	10.72	104	94638	19.26	ug/l	99
71) Bromoform	10.87	173	25001	17.76	ug/l #	98
73) Isopropylbenzene	11.02	105	157814	19.36	ug/l	98
74) N-amyl acetate	6.48	43	79601	19.09	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56437	19.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64755	24.81	ug/l	82
77) Bromobenzene	11.26	156	39512	18.75	ug/l	96
78) n-propylbenzene	11.37	91	182967	19.07	ug/l	98
79) 2-Chlorotoluene	11.43	91	105241	19.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	133067	19.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14500	17.01	ug/l	93
82) 4-Chlorotoluene	11.52	91	127124	19.32	ug/l	99
83) tert-Butylbenzene	11.78	119	131571	19.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	137105	19.59	ug/l	99
85) sec-Butylbenzene	11.96	105	165695	19.78	ug/l	98
86) p-Isopropyltoluene	12.07	119	145939	19.76	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	76343	19.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79693	18.98	ug/l	98
89) n-Butylbenzene	12.40	91	137549	19.34	ug/l	98
90) Hexachloroethane	12.60	117	21629	18.17	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	75333	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16136	20.11	ug/l	92

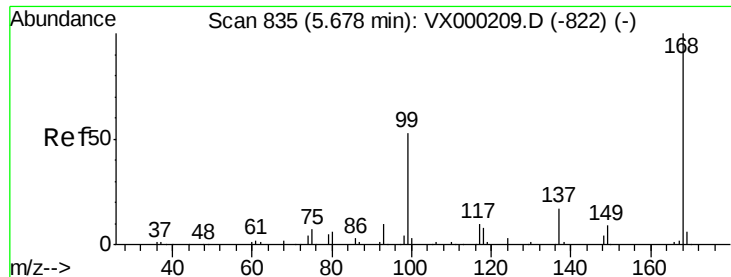
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	54294	18.81	ug/l	99
94) Hexachlorobutadiene	13.79	225	21111	17.58	ug/l	98
95) Naphthalene	13.84	128	199546	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	53388	18.70	ug/l	98

(#) = 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: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

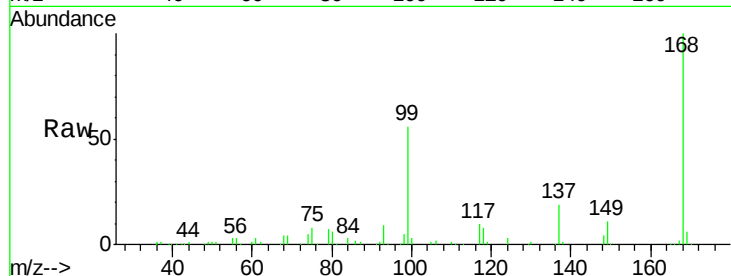
ClientSampled :

Tot Ion:168 Resp: 133857

Ion Ratio Lower Upper

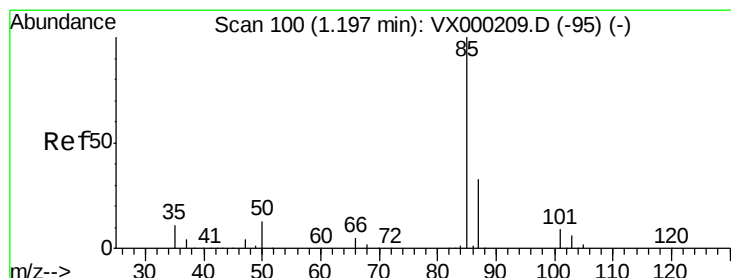
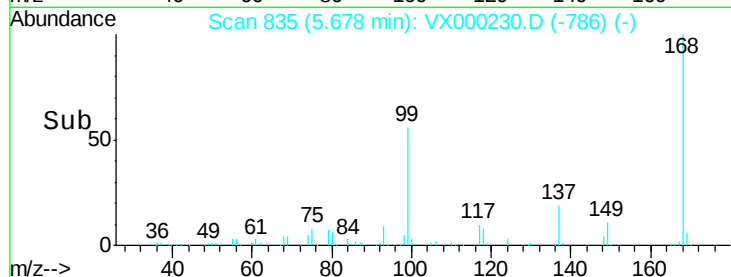
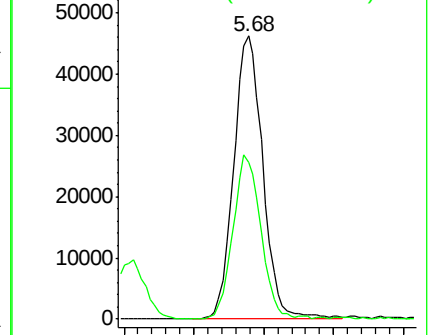
168 100

99 55.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000230.D

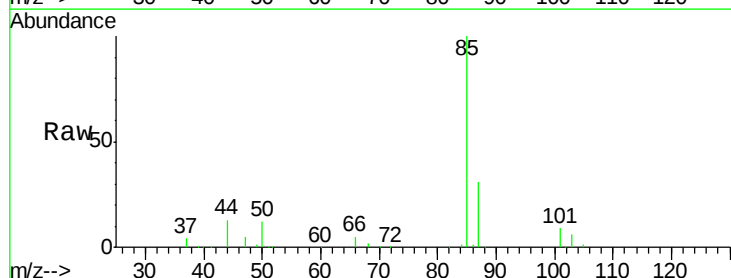
Acq: 08 Mar 2018 19:45

Tgt Ion: 85 Resp: 26553

Ion Ratio Lower Upper

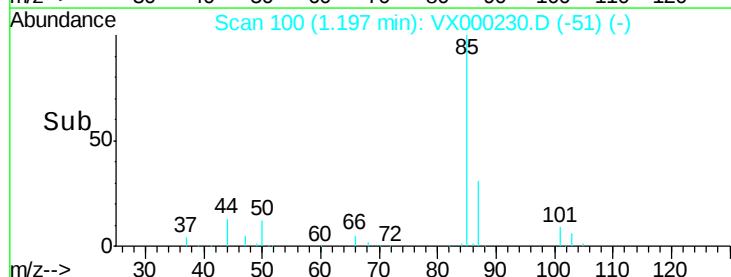
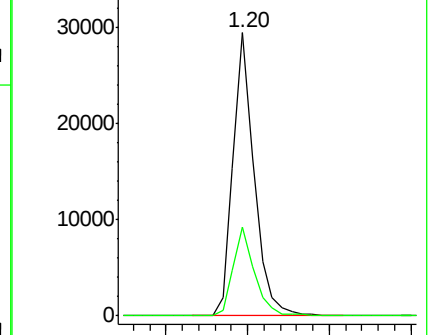
85 100

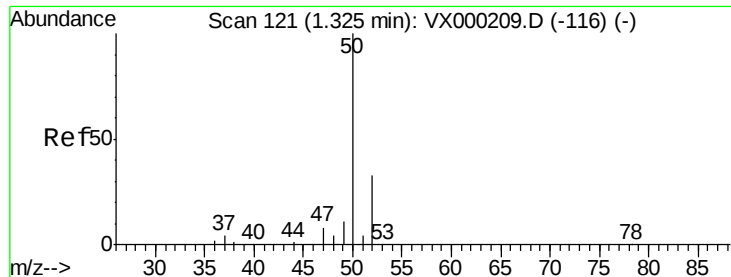
87 31.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

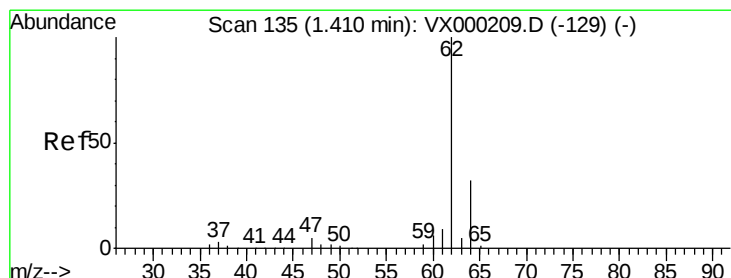
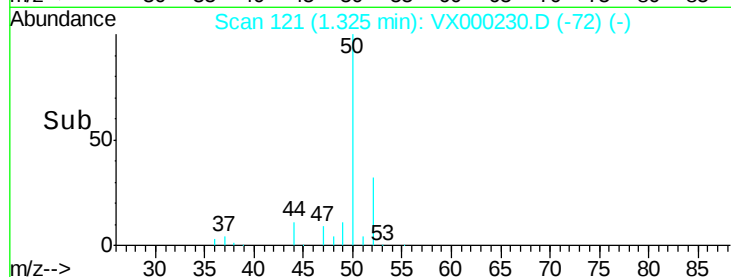
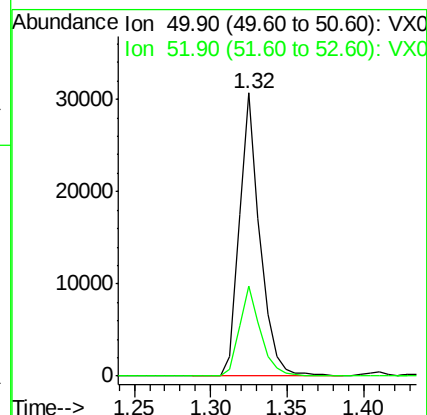
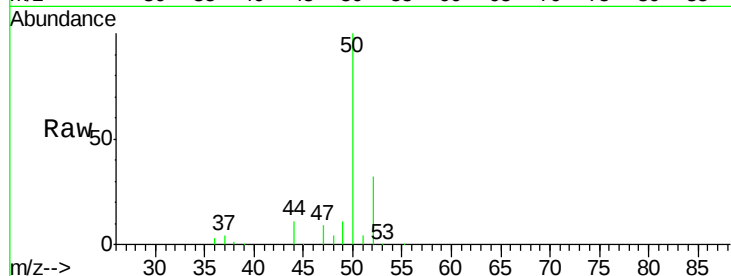
ClientSampleId :

Tot Ion: 50 Resp: 28675

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 20.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000230.D

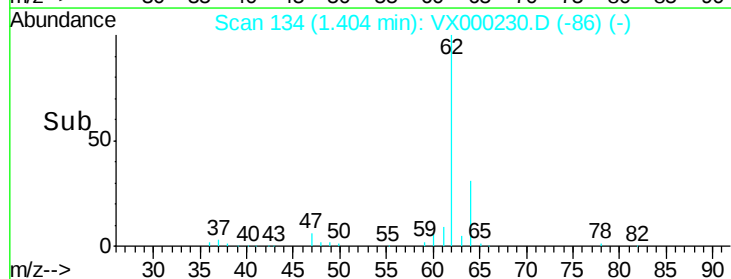
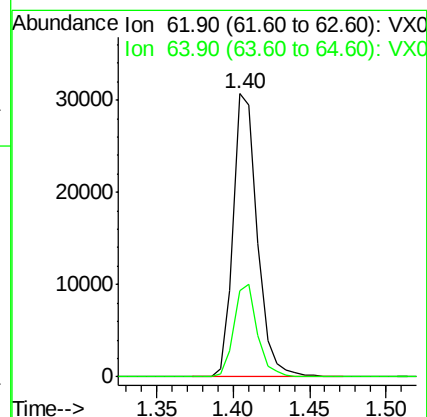
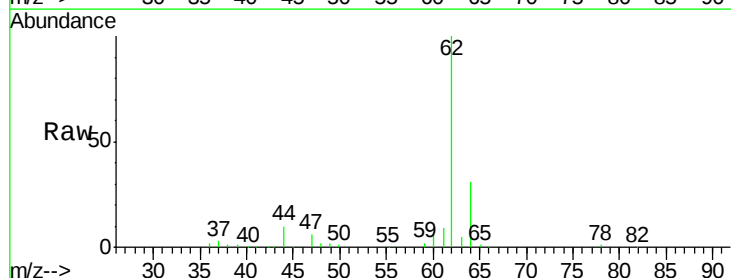
Acq: 08 Mar 2018 19:45

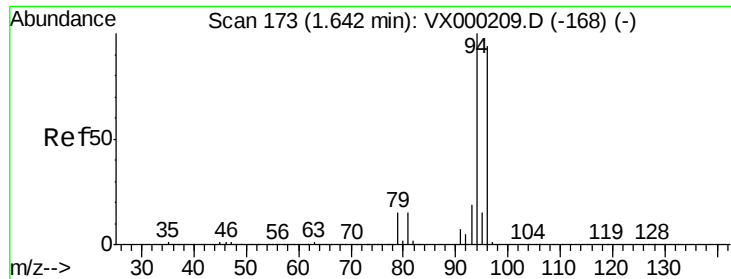
Tgt Ion: 62 Resp: 33606

Ion Ratio Lower Upper

62 100

64 30.6 25.7 38.5





#5

Bromomethane

Concen: 15.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

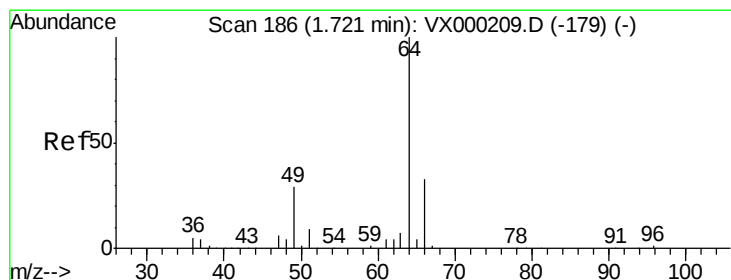
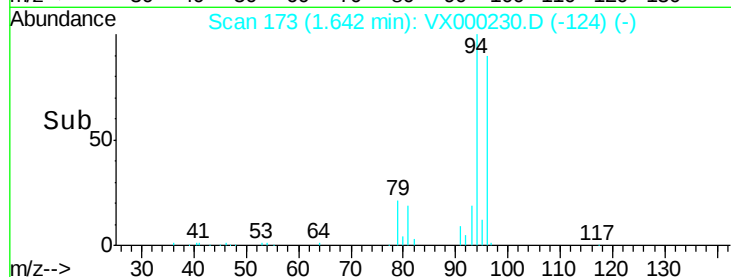
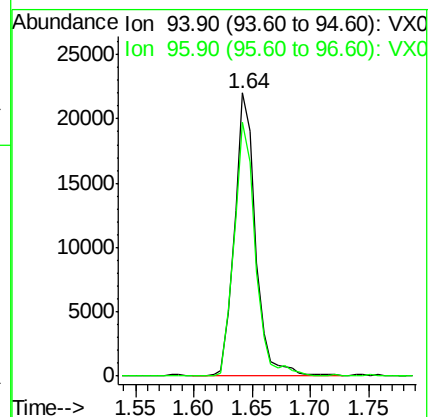
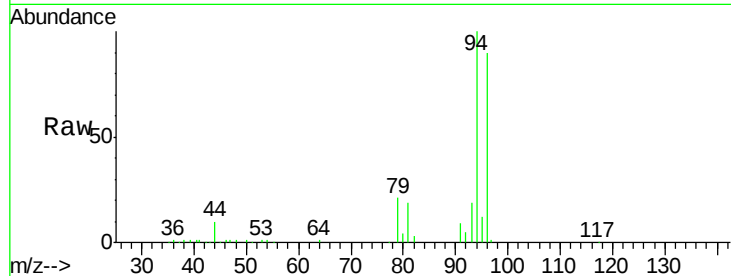
ClientSampleId :

Tot Ion: 94 Resp: 27813

Ion Ratio Lower Upper

94 100

96 89.7 75.3 112.9



#6

Chloroethane

Concen: 20.80 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000230.D

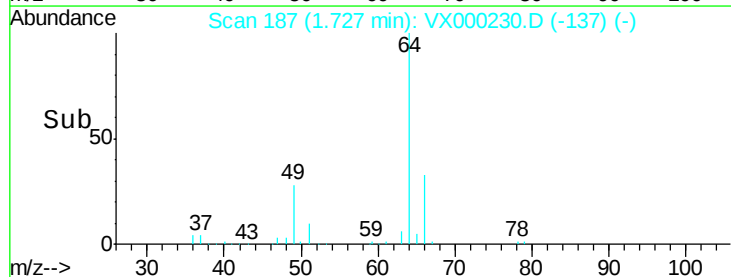
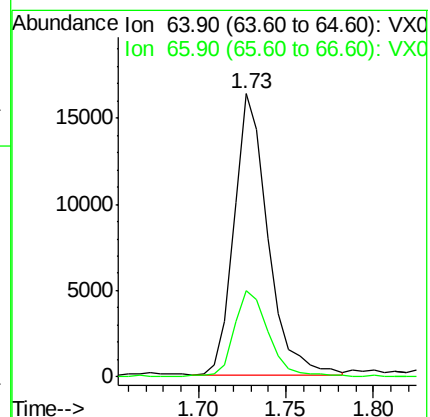
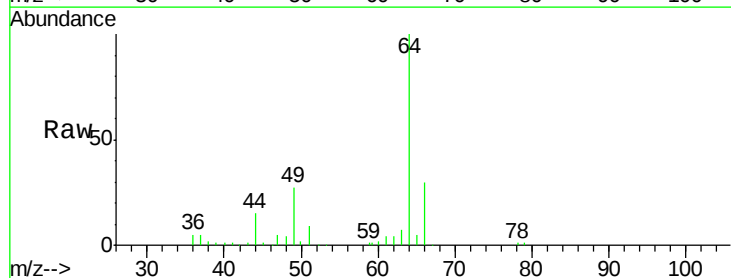
Acq: 08 Mar 2018 19:45

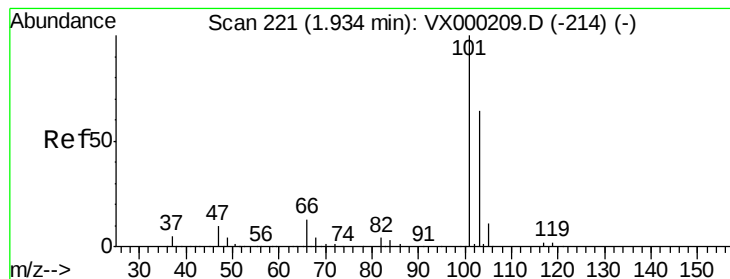
Tgt Ion: 64 Resp: 21811

Ion Ratio Lower Upper

64 100

66 30.0 26.2 39.4



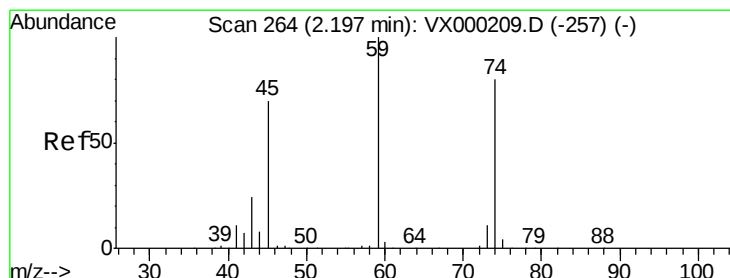
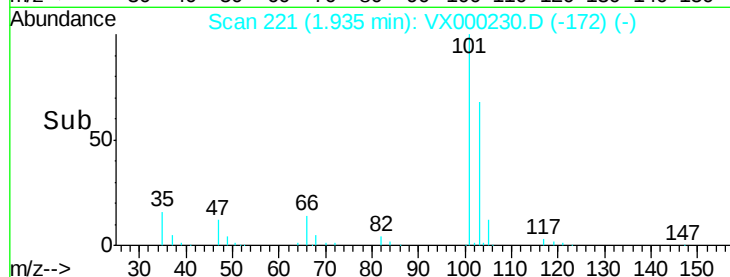
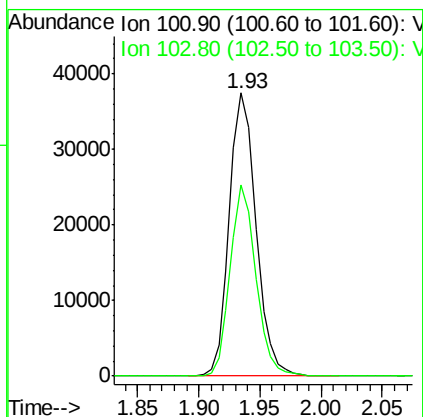
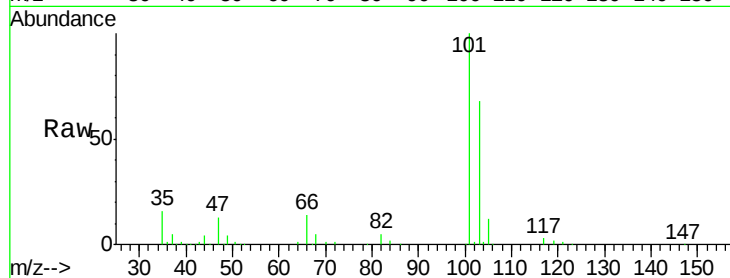


#7

Trichlorofluoromethane
 Concen: 20.64 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :

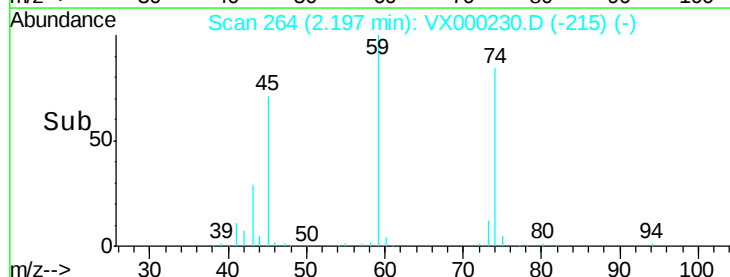
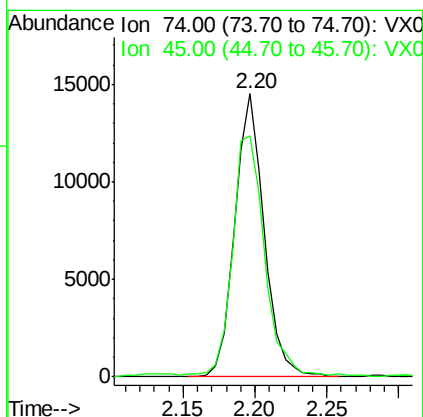
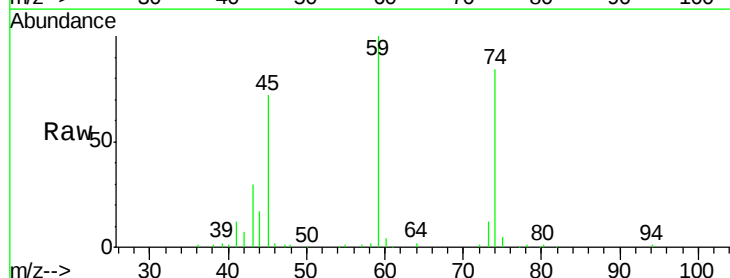
Tot Ion:101 Resp: 56813
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.2 76.8

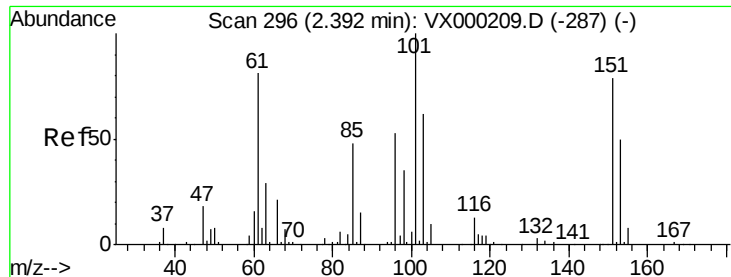


#8

Diethyl Ether
 Concen: 20.33 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 74 Resp: 20539
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.38 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

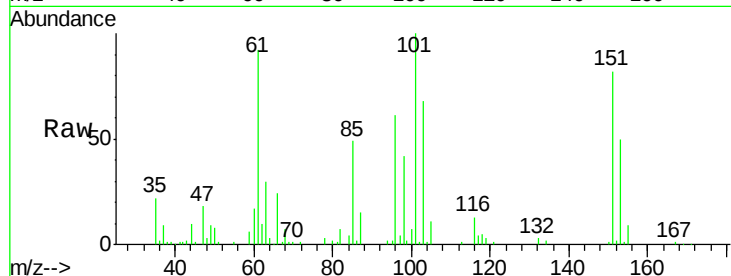
Tot Ion:101 Resp: 29794

Ion Ratio Lower Upper

101 100

85 48.8 38.3 57.5

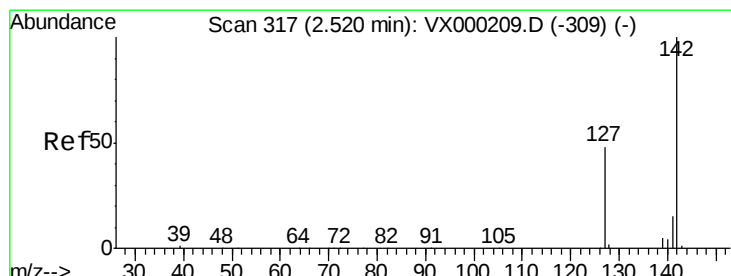
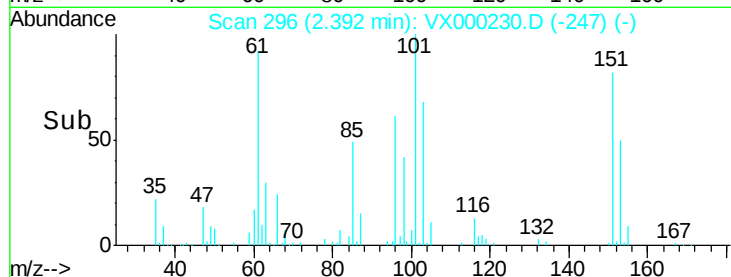
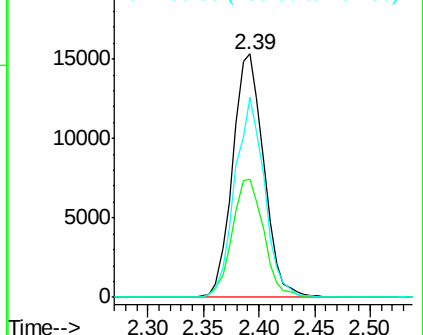
151 78.0 62.8 94.2



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: 17.81 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

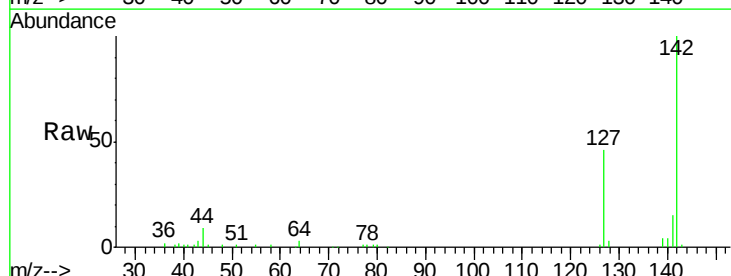
Tgt Ion:142 Resp: 25261

Ion Ratio Lower Upper

142 100

127 48.6 39.0 58.6

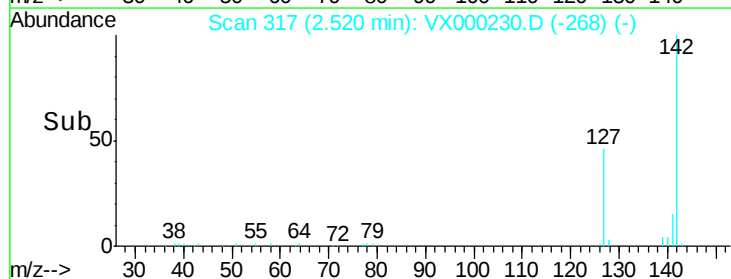
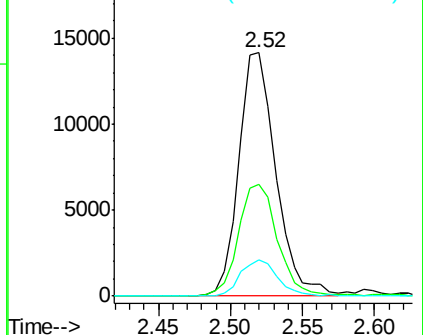
141 14.9 11.6 17.4

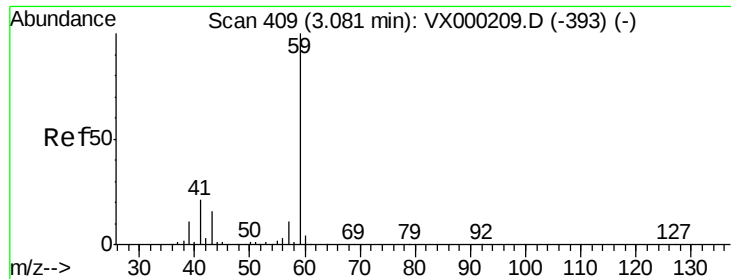


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

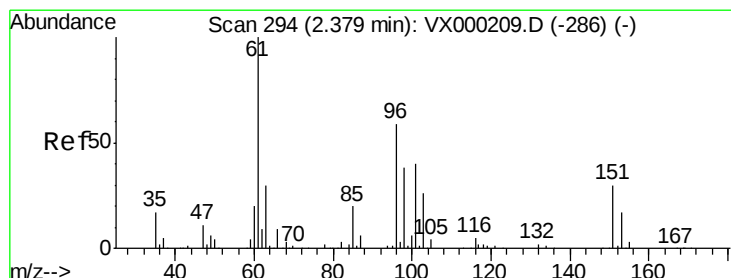
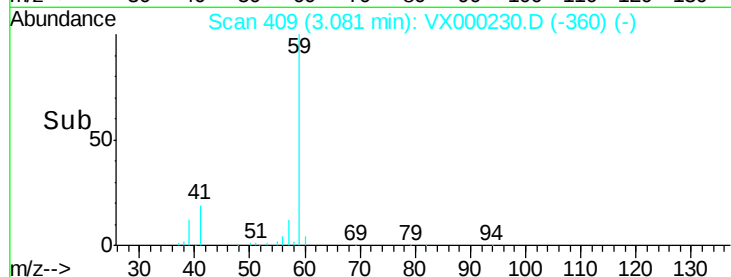
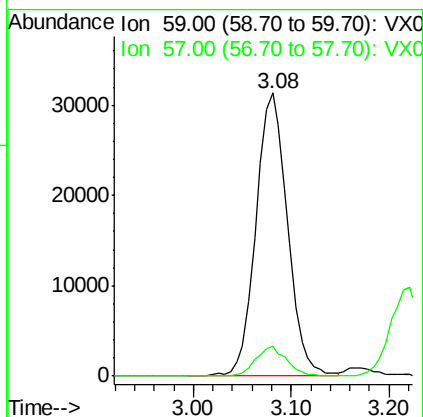
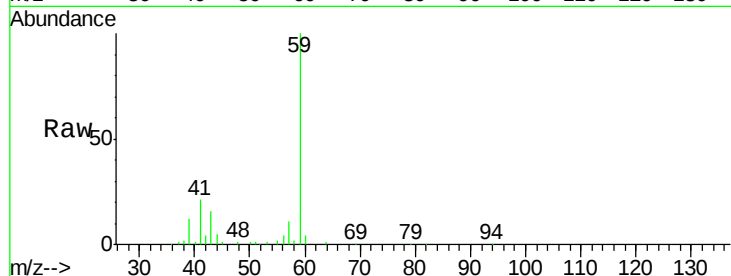




#11
Tert butyl alcohol
Concen: 104.15 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

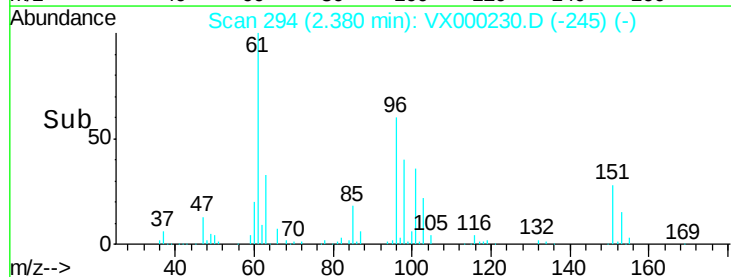
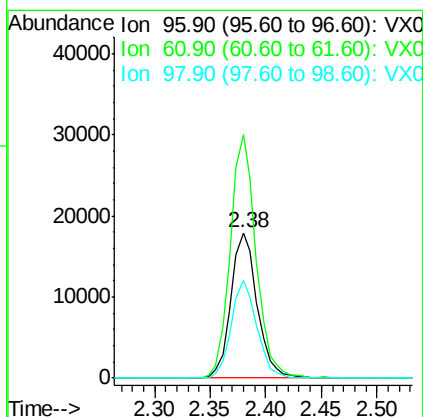
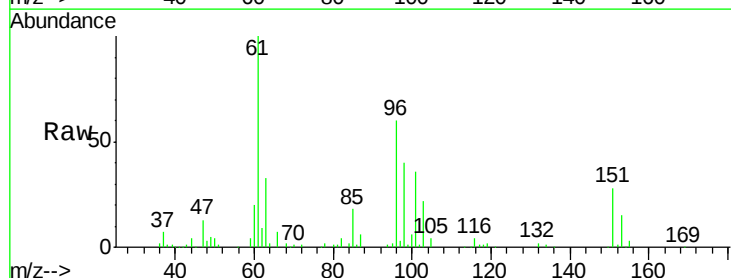
Instrument :
MSVOA_X
ClientSampled :

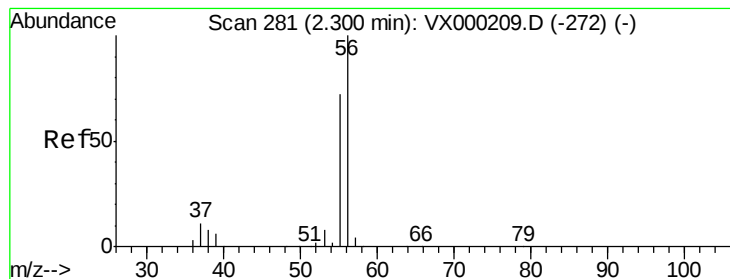
Tot Ion: 59 Resp: 71011
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 96 Resp: 29361
Ion Ratio Lower Upper
96 100
61 167.2 135.8 203.6
98 66.7 51.1 76.7





#13

Acrolein

Concen: 115.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

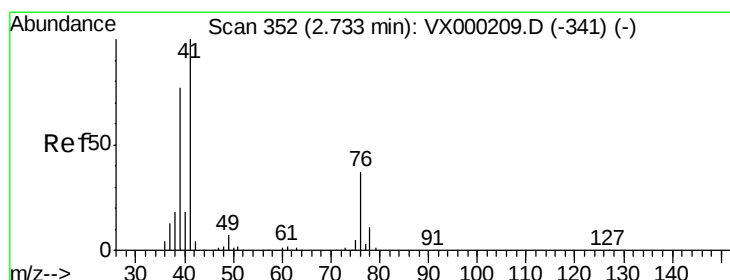
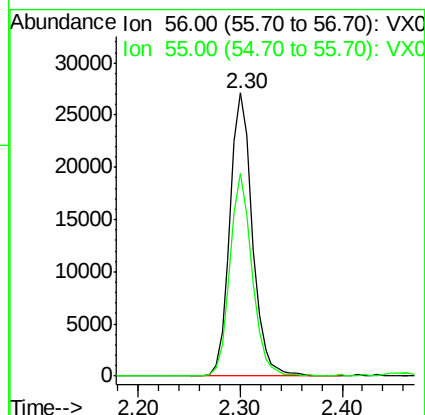
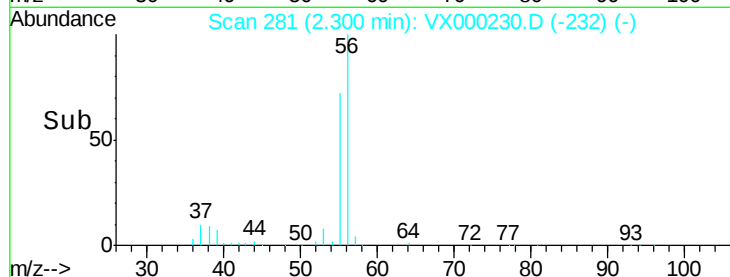
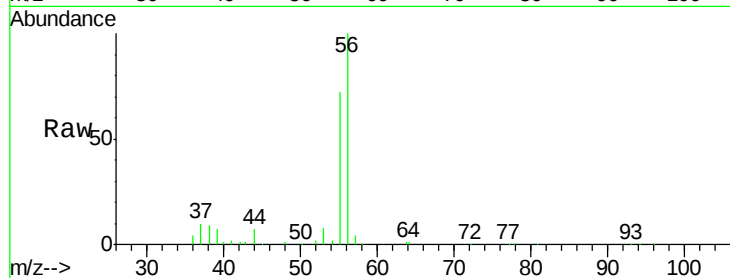
ClientSampleId :

Tot Ion: 56 Resp: 41423

Ion Ratio Lower Upper

56 100

55 70.7 59.2 88.8



#14

Allyl chloride

Concen: 20.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

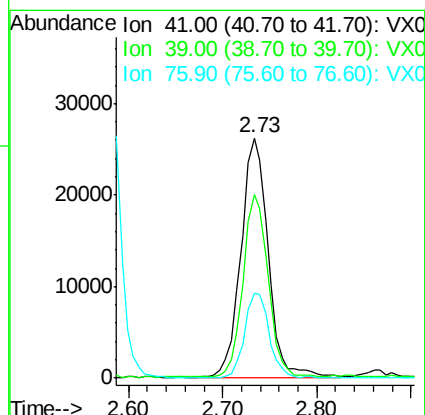
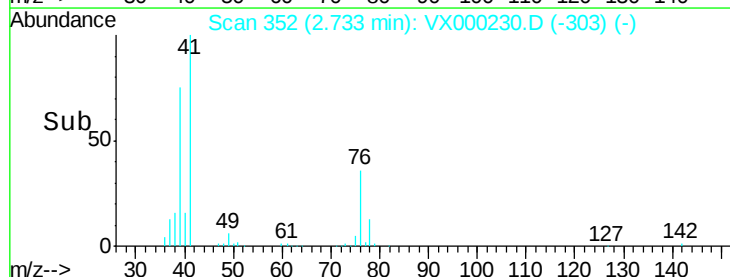
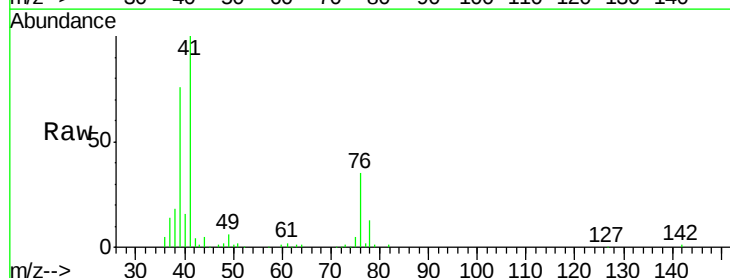
Tgt Ion: 41 Resp: 52929

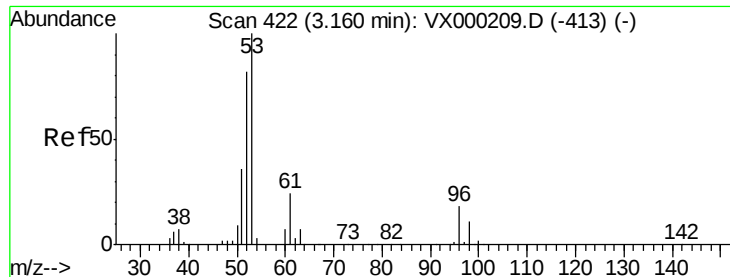
Ion Ratio Lower Upper

41 100

39 70.0 57.0 85.6

76 32.2 26.8 40.2





#15

Acrylonitrile

Concen: 105.35 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

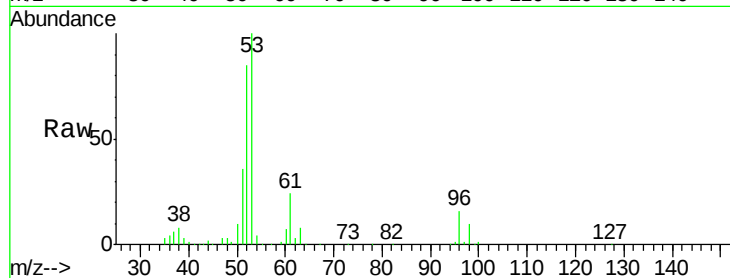
Tot Ion: 53 Resp: 125003

Ion Ratio Lower Upper

53 100

52 83.3 66.3 99.5

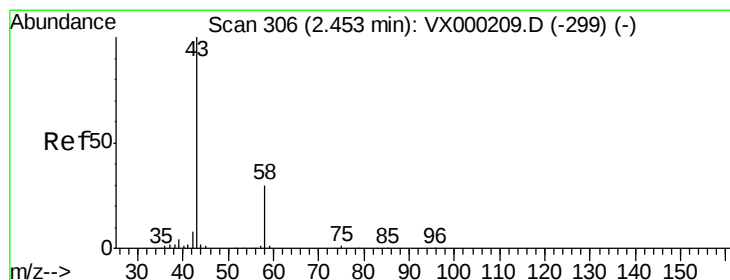
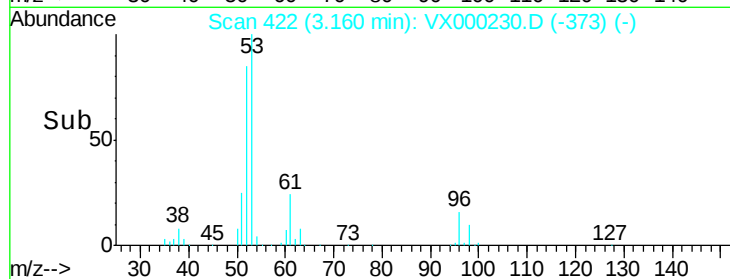
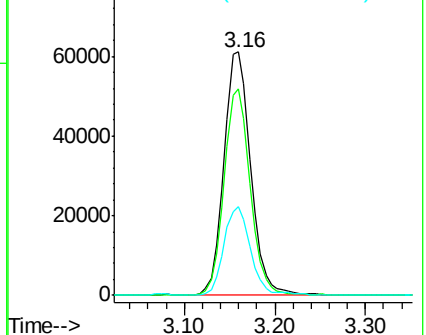
51 36.9 29.6 44.4



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: 103.62 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000230.D

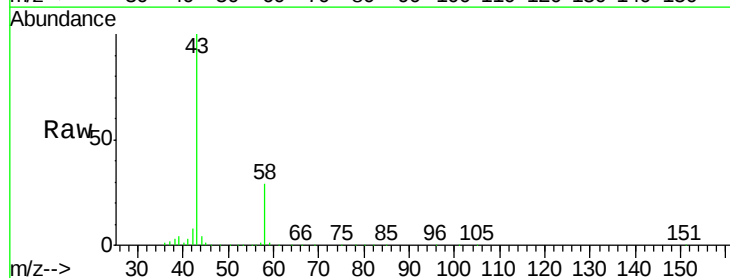
Acq: 08 Mar 2018 19:45

Tgt Ion: 43 Resp: 138085

Ion Ratio Lower Upper

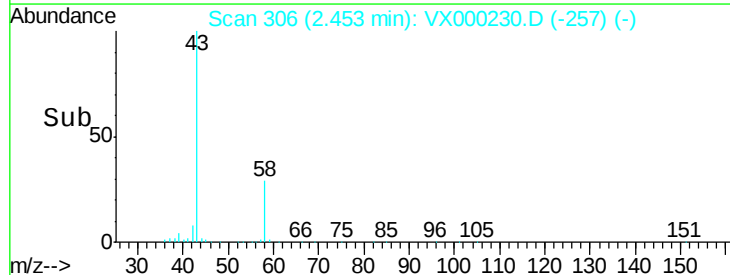
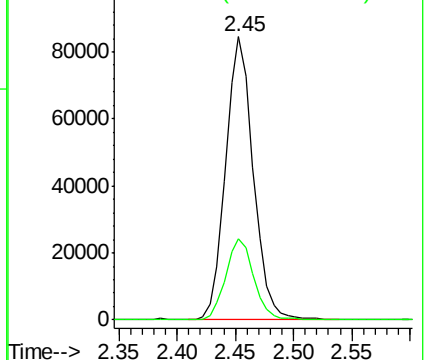
43 100

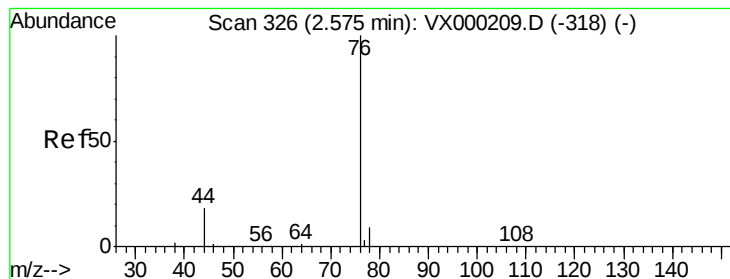
58 28.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

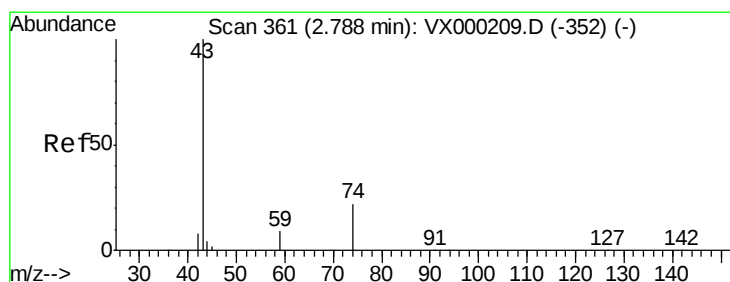
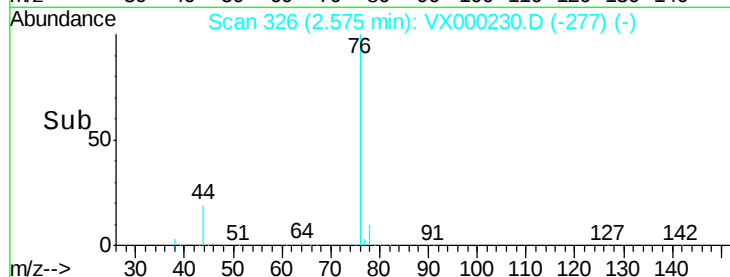
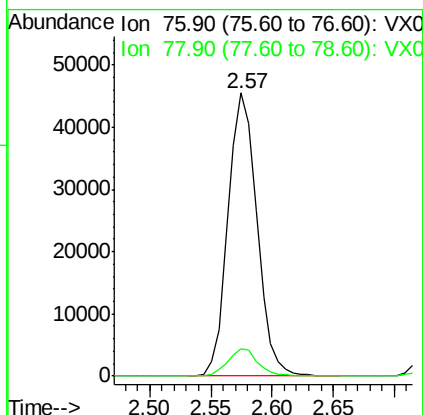
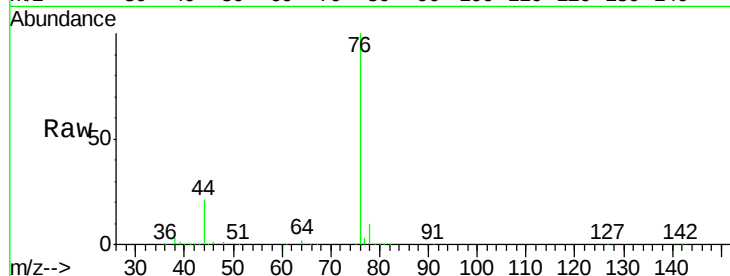




#17
Carbon Disulfide
Concen: 19.30 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

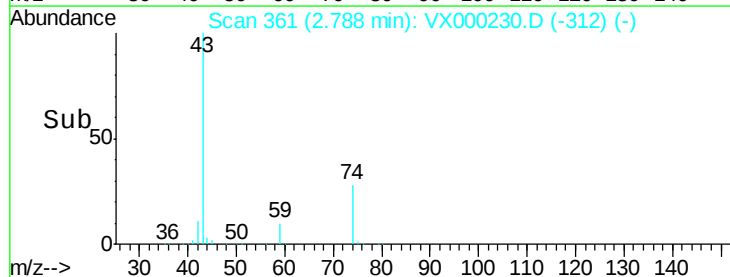
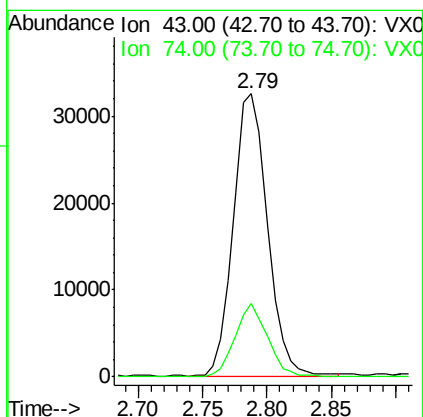
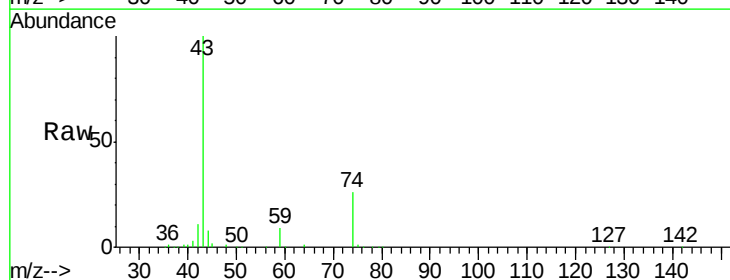
Instrument :
MSVOA_X
ClientSampled :

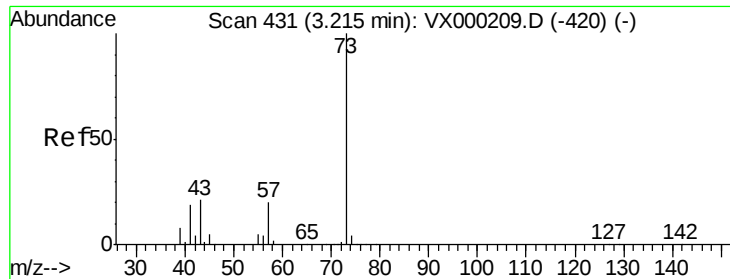
Tot Ion: 76 Resp: 74648
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 21.37 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 43 Resp: 60652
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3

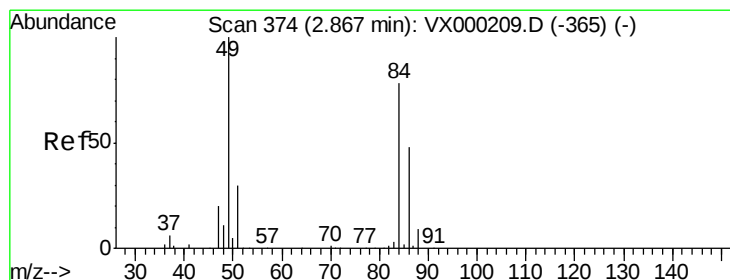
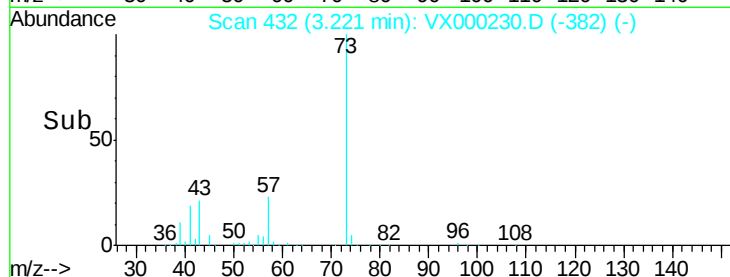
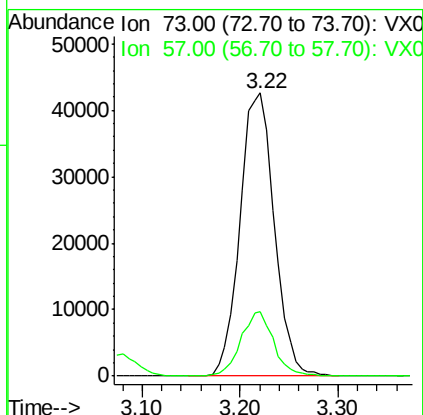
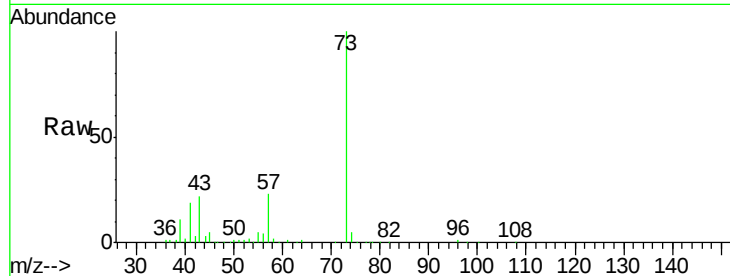




#19
Methvl tert-butvl Ether
Concen: 20.63 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

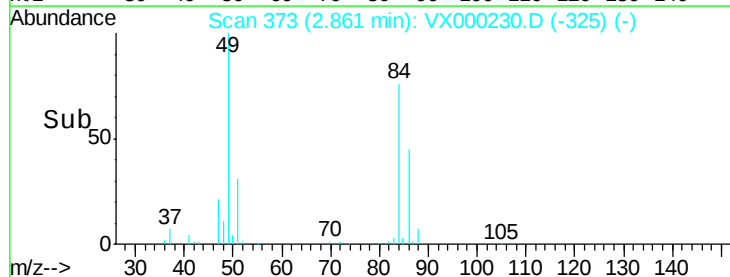
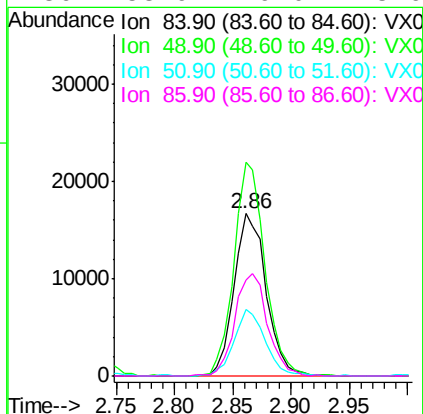
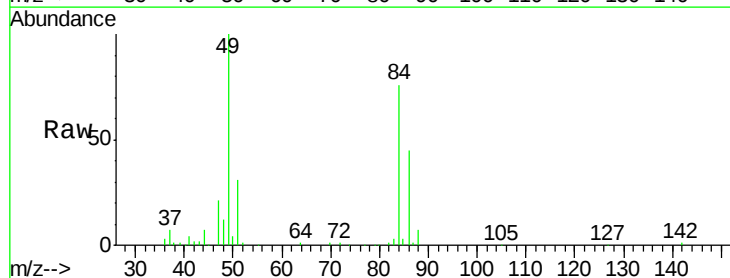
Instrument :
MSVOA_X
ClientSampleId :

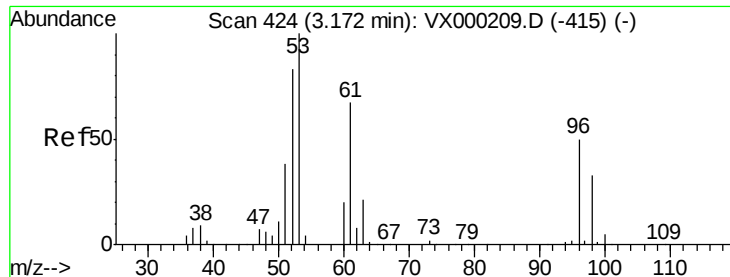
Tot Ion: 73 Resp: 103720
Ion Ratio Lower Upper
73 100
57 22.9 16.3 24.5



#20
Methylene Chloride
Concen: 20.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 84 Resp: 32165
Ion Ratio Lower Upper
84 100
49 131.6 102.1 153.1
51 40.8 30.6 45.8
86 58.9 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.96 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :

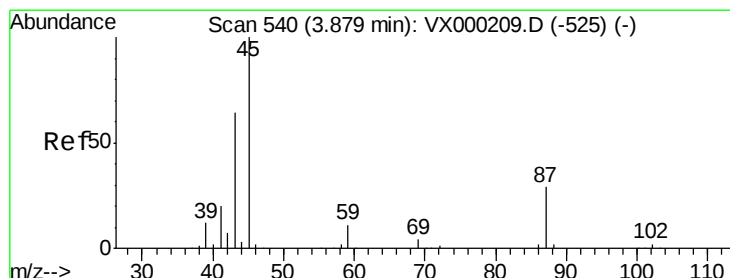
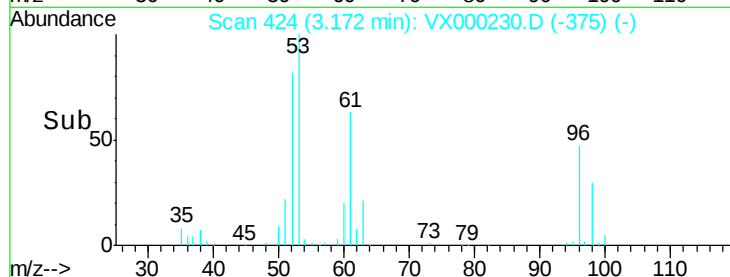
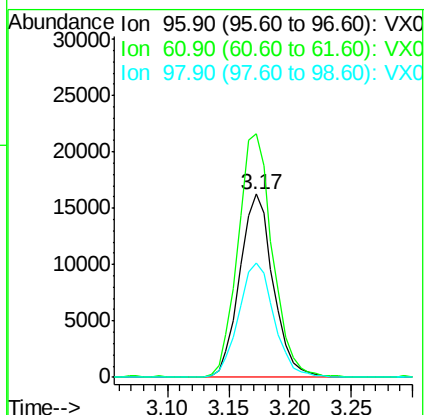
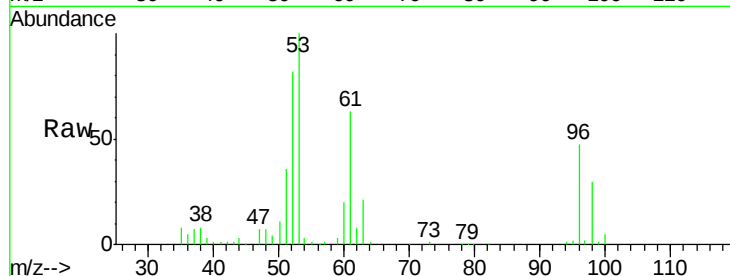
Tot Ion: 96 Resp: 30989

Ion Ratio Lower Upper

96 100

61 133.0 107.0 160.4

98 62.2 51.8 77.8



#22

Diisopropyl ether

Concen: 17.18 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion: 45 Resp: 76963

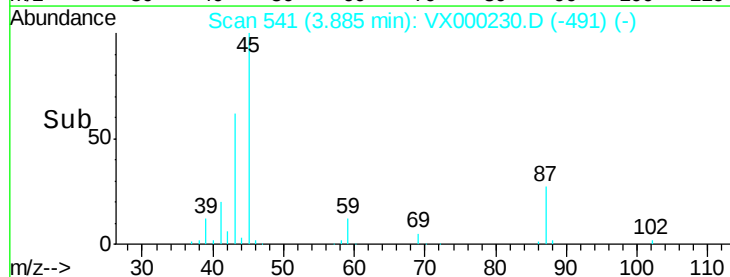
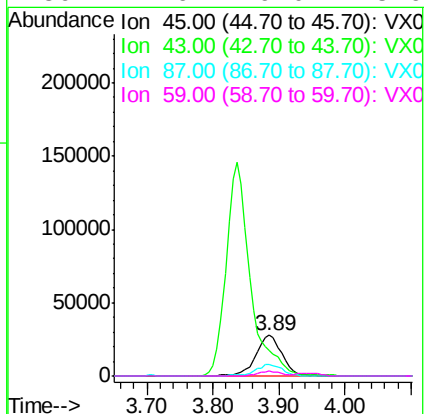
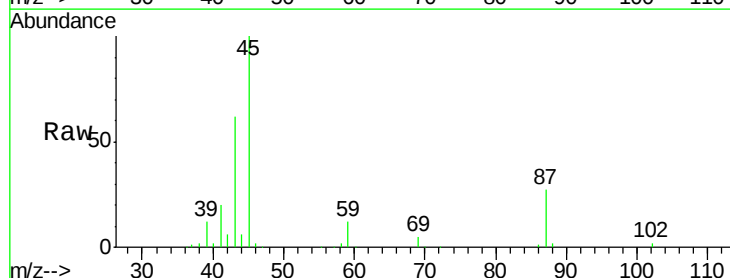
Ion Ratio Lower Upper

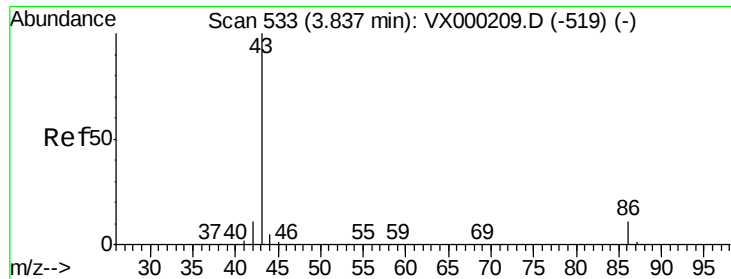
45 100

43 61.7 53.5 80.3

87 26.8 23.3 34.9

59 11.6 9.0 13.6





#23

Vinyl Acetate

Concen: 86.32 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

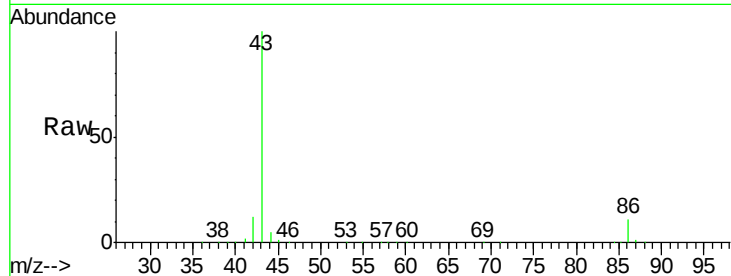
ClientSampleId :

Tot Ion: 43 Resp: 372594

Ion Ratio Lower Upper

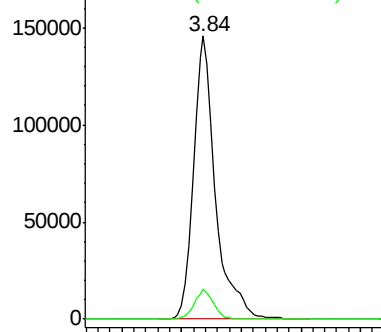
43 100

86 10.7 8.5 12.7

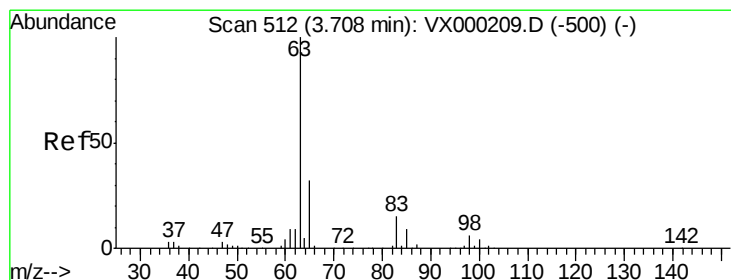
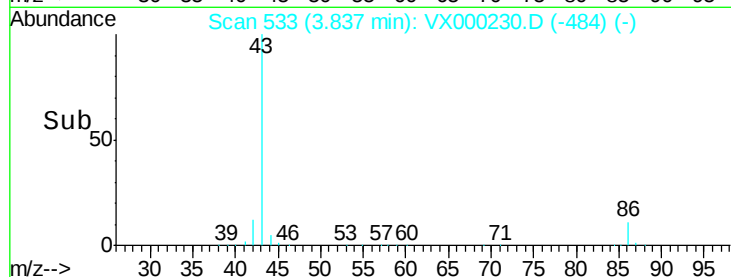


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.63 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

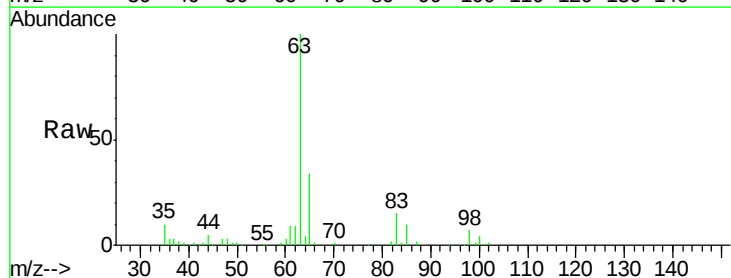
Tgt Ion: 63 Resp: 53887

Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

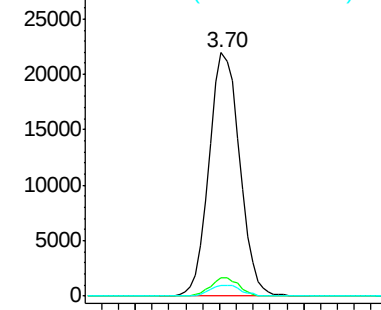
100 4.4 2.2 6.6



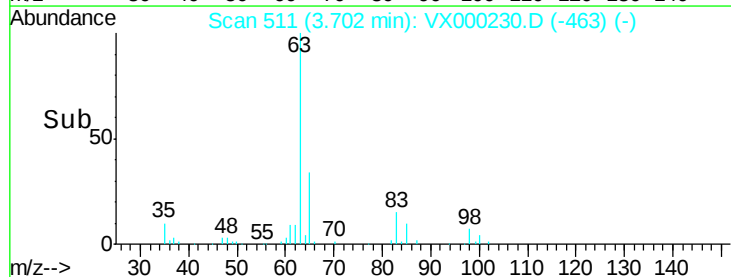
Abundance Ion 62.90 (62.60 to 63.60): VX0

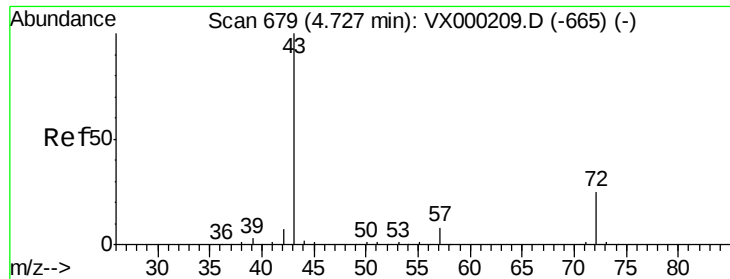
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

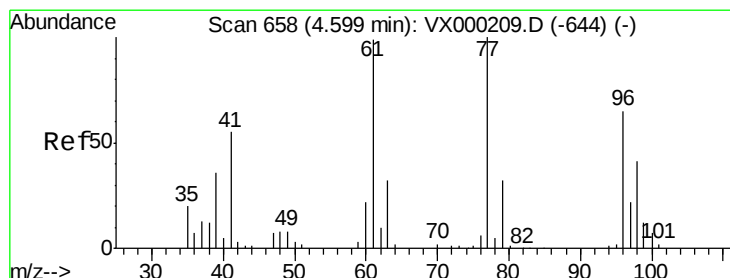
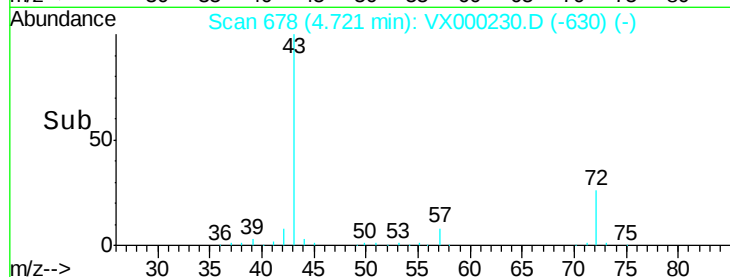
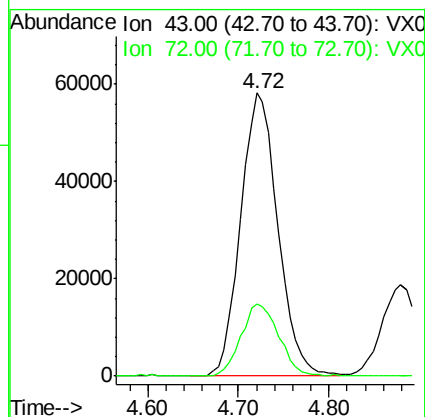
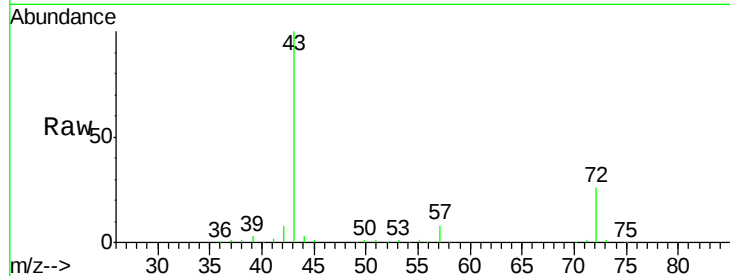
ClientSampleId :

Tot Ion: 43 Resp: 164876

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000230.D

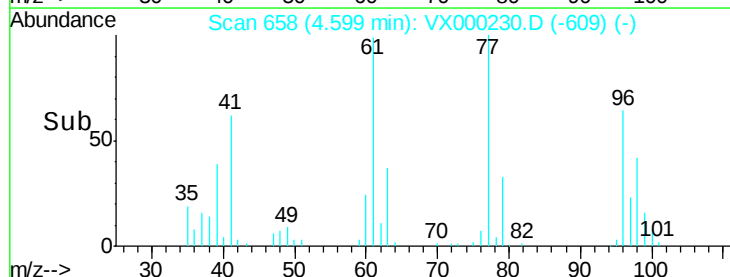
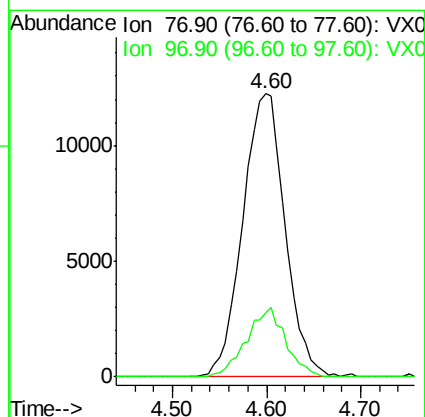
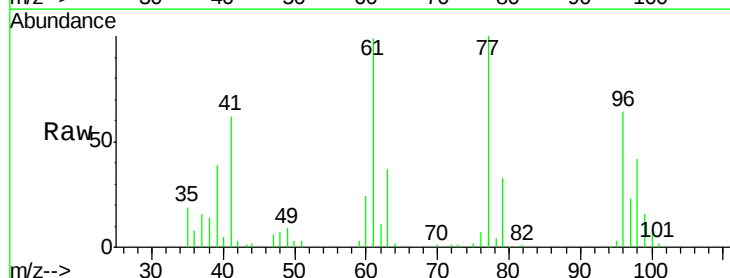
Acq: 08 Mar 2018 19:45

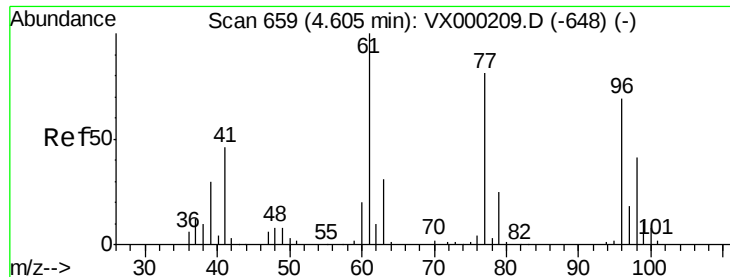
Tgt Ion: 77 Resp: 38517

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



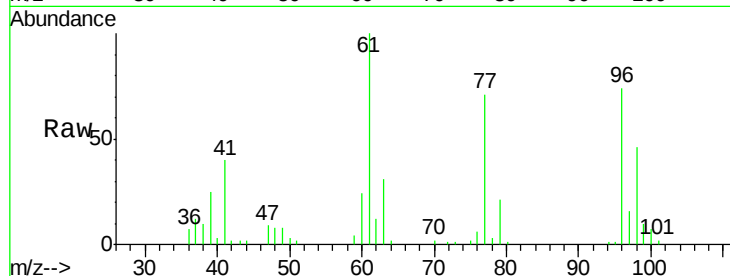


#27

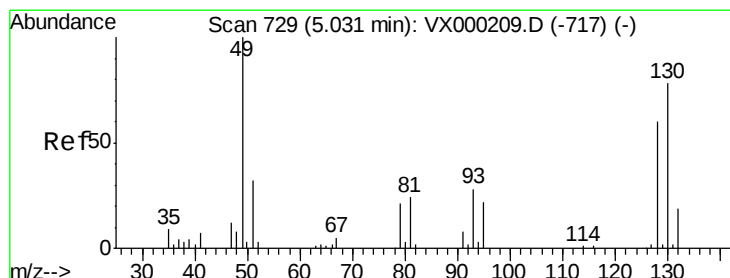
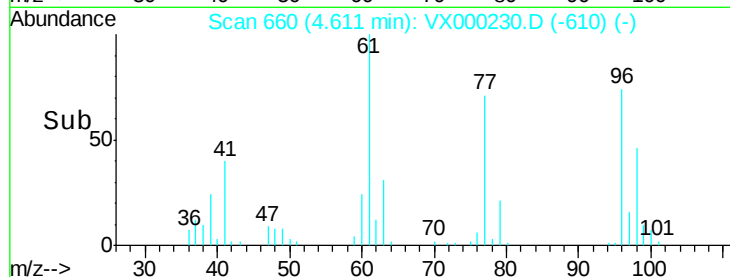
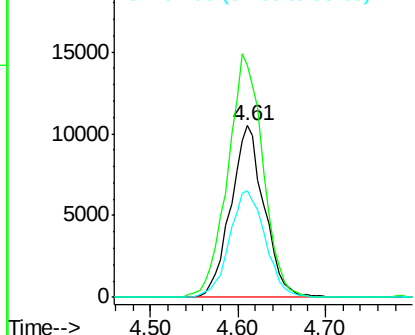
cis-1,2-Dichloroethene
Concen: 18.96 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 27908
Ion Ratio Lower Upper
96 100
61 148.7 0.0 296.4
98 65.9 0.0 130.6



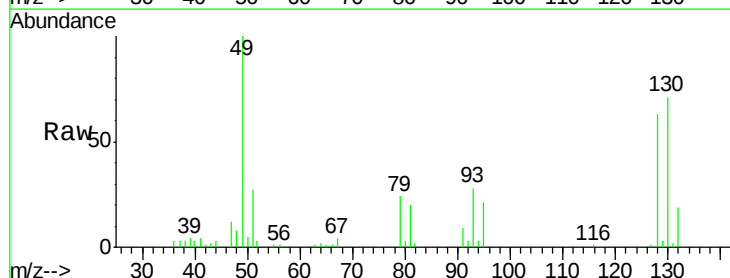
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



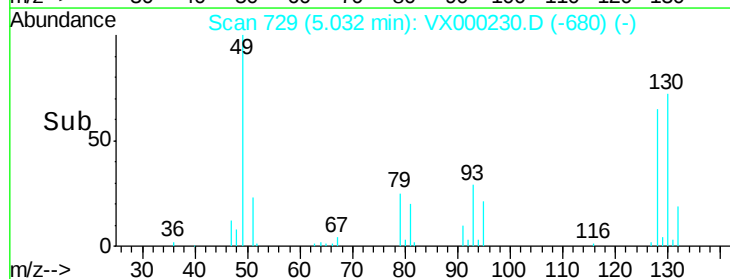
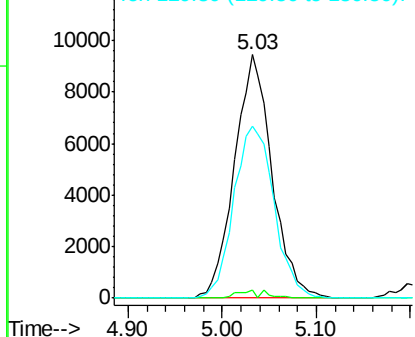
#28

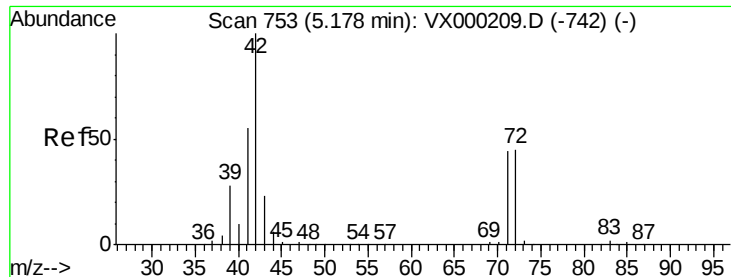
Bromochloromethane
Concen: 22.50 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 49 Resp: 26253
Ion Ratio Lower Upper
49 100
129 1.4 0.0 5.0
130 75.8 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

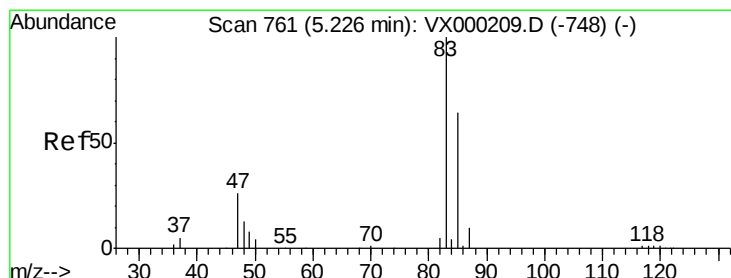
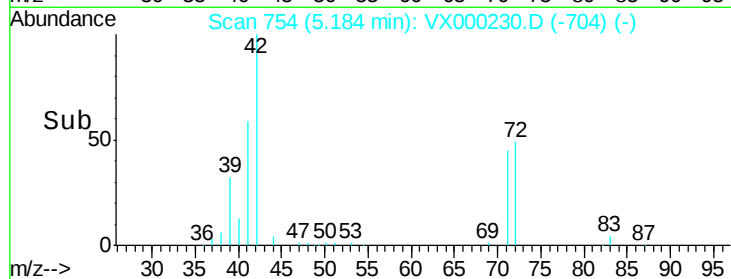
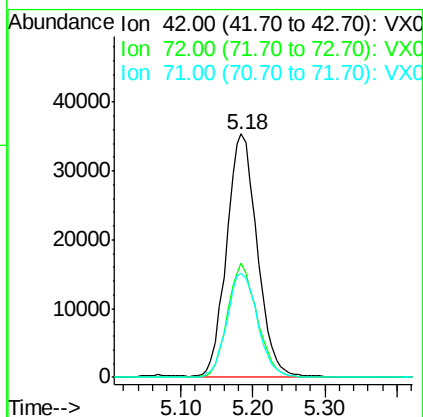
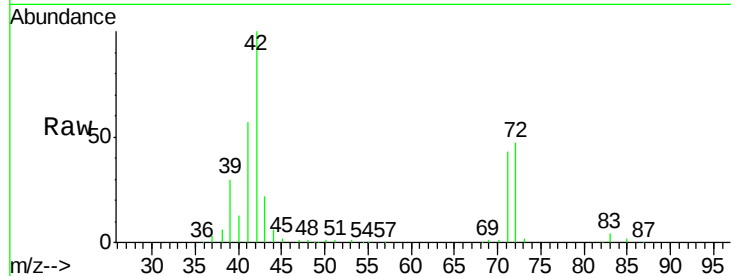




#29
Tetrahydrofuran
Concen: 101.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

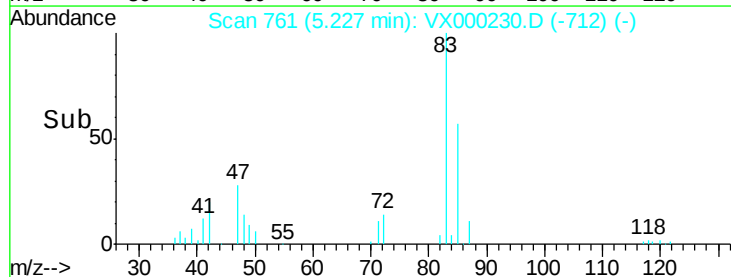
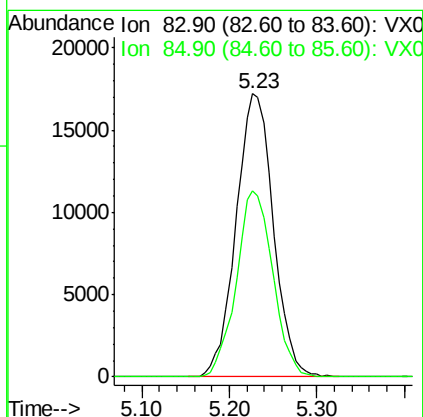
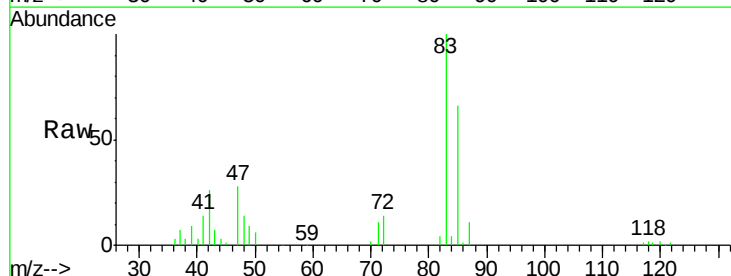
Instrument :
MSVOA_X
ClientSampled :

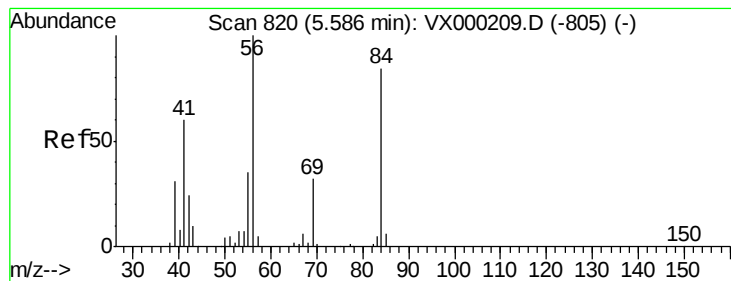
Tot Ion: 42 Resp: 104842
Ion Ratio Lower Upper
42 100
72 44.8 37.3 55.9
71 43.0 35.0 52.4



#30
Chloroform
Concen: 19.15 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 83 Resp: 50838
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.6





#31

Cyclohexane

Concen: 19.39 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :

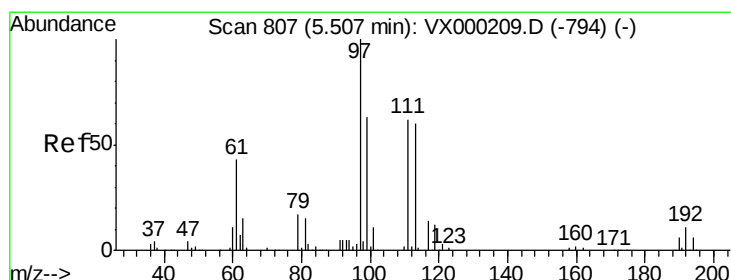
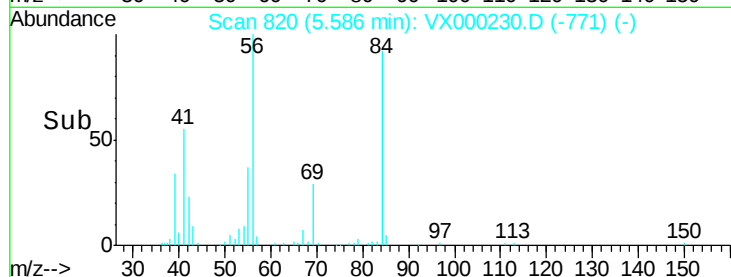
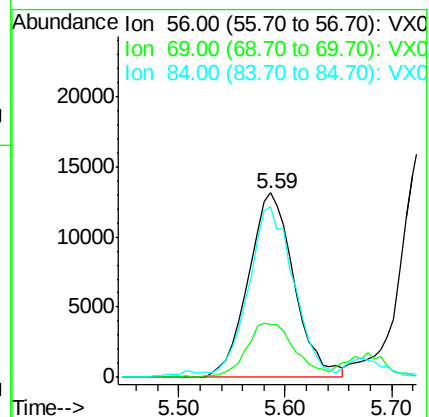
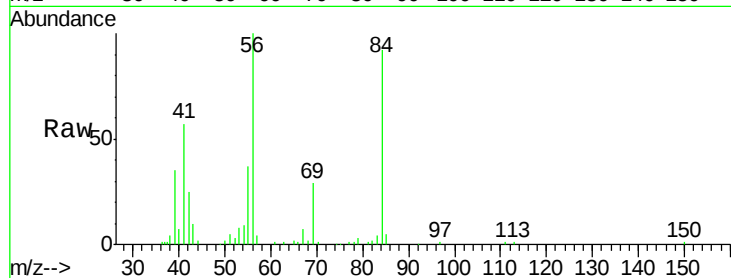
Tot Ion: 56 Resp: 39375

Ion Ratio Lower Upper

56 100

69 28.9 25.3 37.9

84 89.2 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 19.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

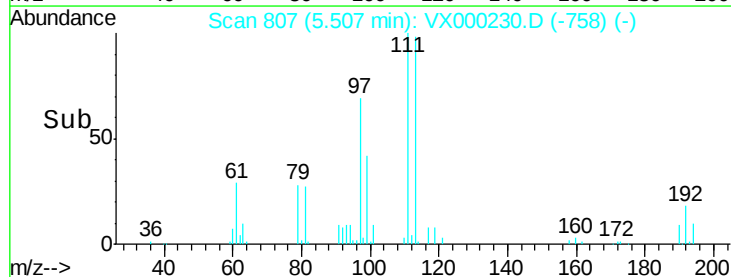
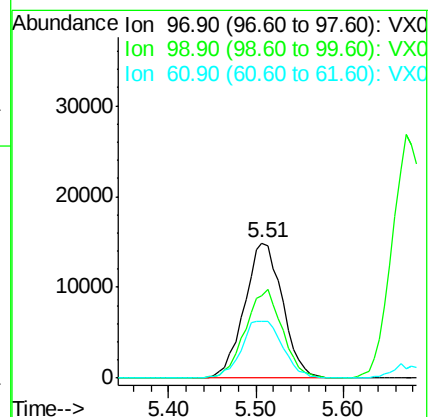
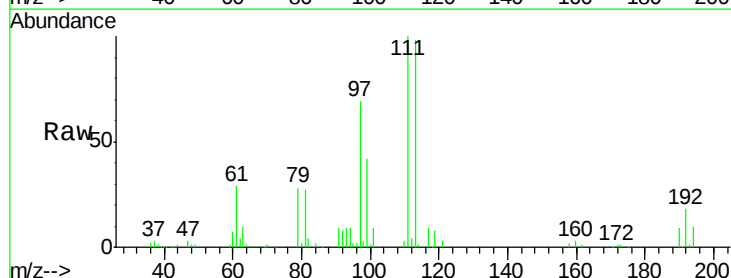
Tgt Ion: 97 Resp: 45026

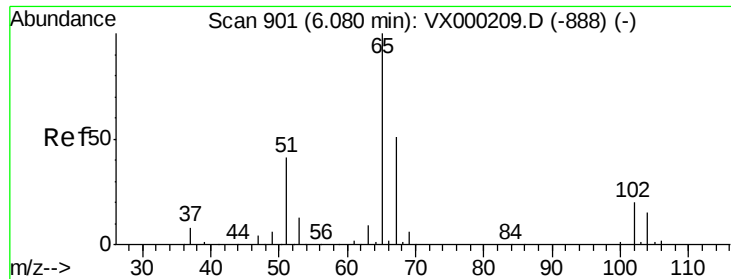
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 45.4 35.4 53.0

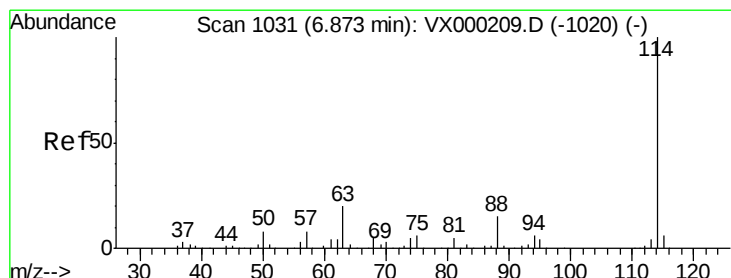
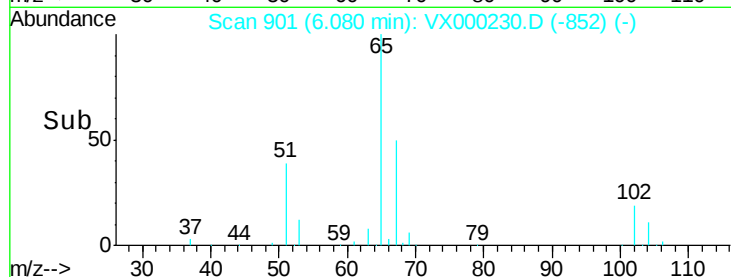
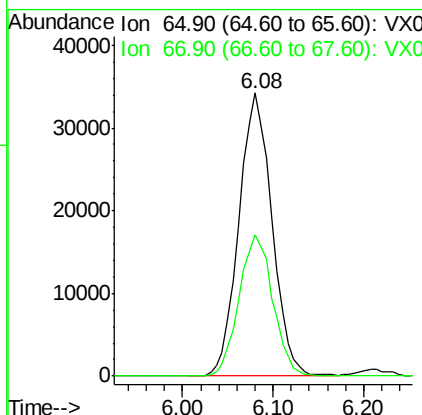
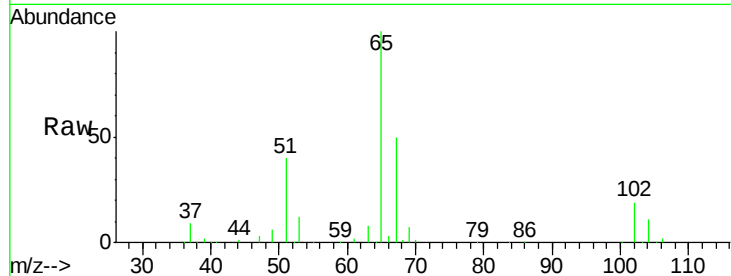




#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

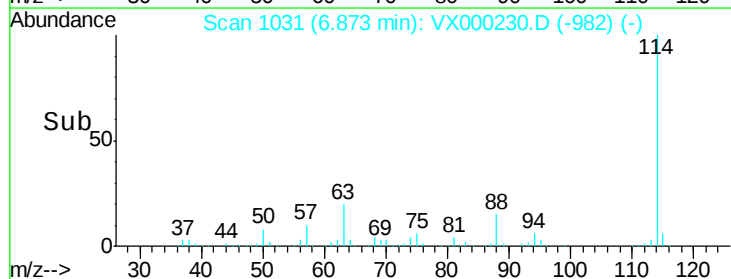
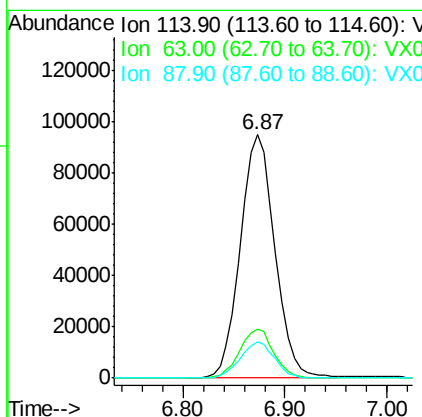
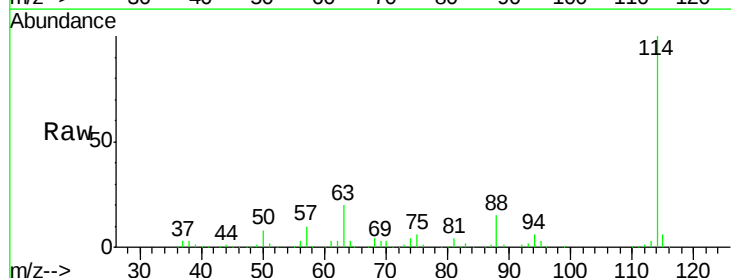
Instrument :
 MSVOA_X
 ClientSampleId :

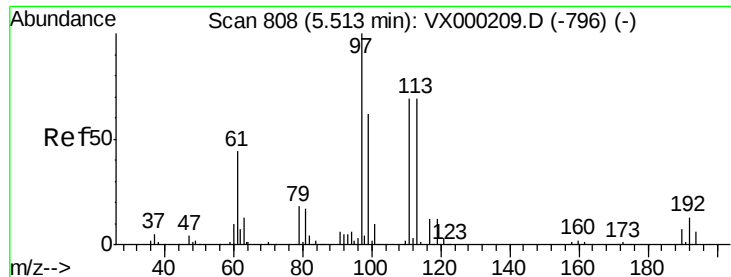
Tot Ion: 65 Resp: 86850
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 114 Resp: 223124
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 14.9 0.0 29.8

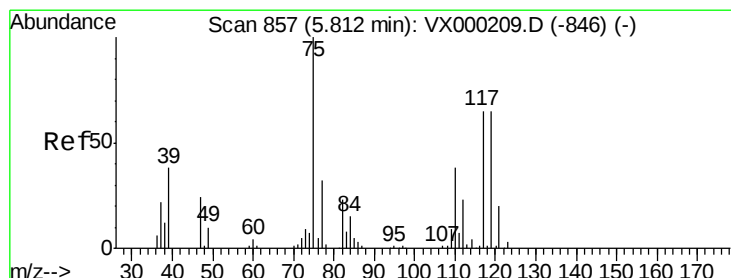
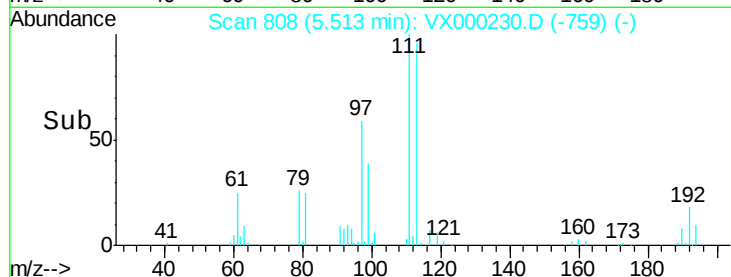
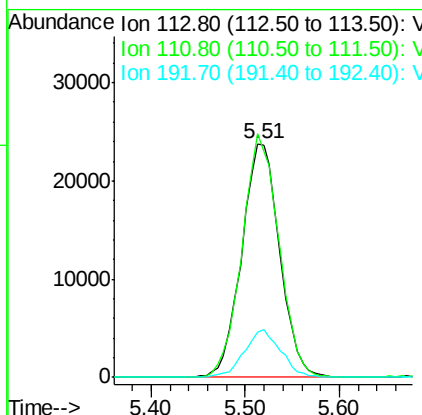
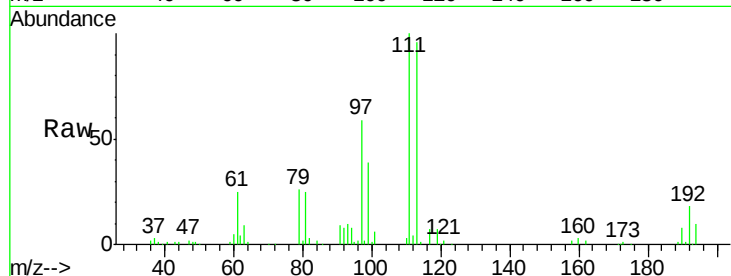




#35
 Dibromofluoromethane
 Concen: 47.94 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

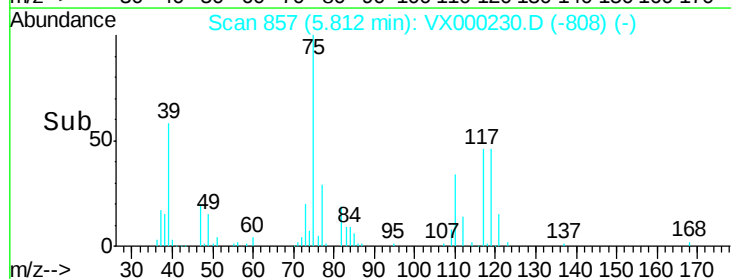
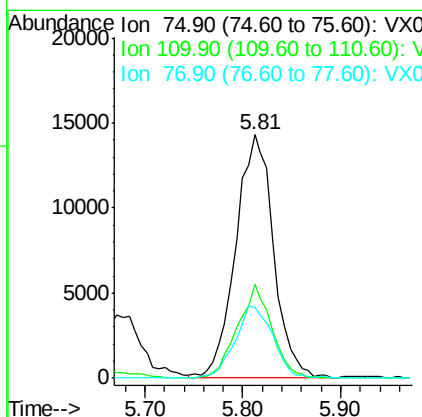
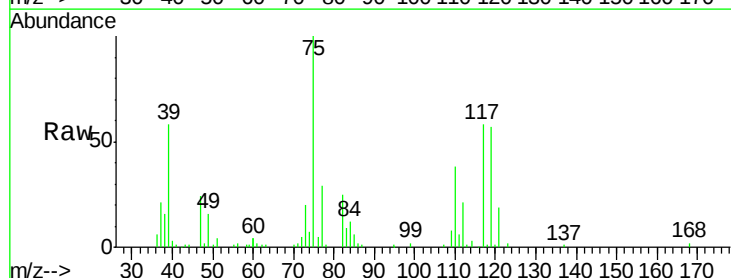
Instrument :
 MSVOA_X
 ClientSampleId :

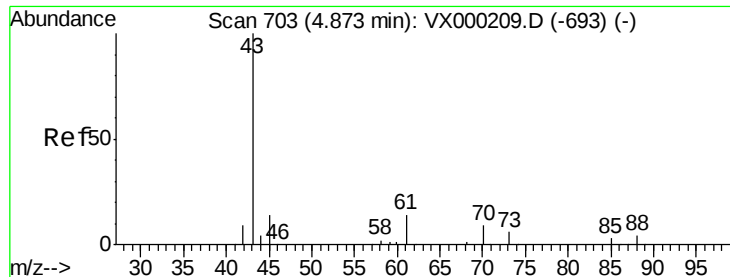
Tot Ion:113 Resp: 67189
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 19.7 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 19.12 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 75 Resp: 37966
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.8 53.5
 77 29.7 24.9 37.3

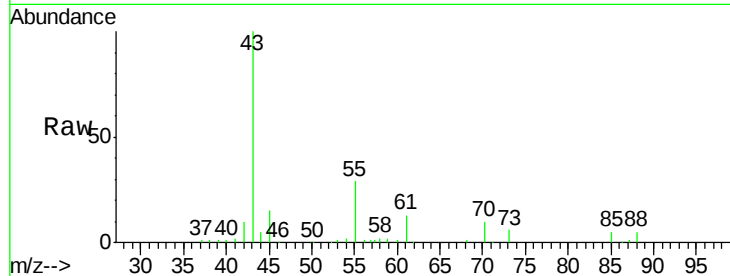




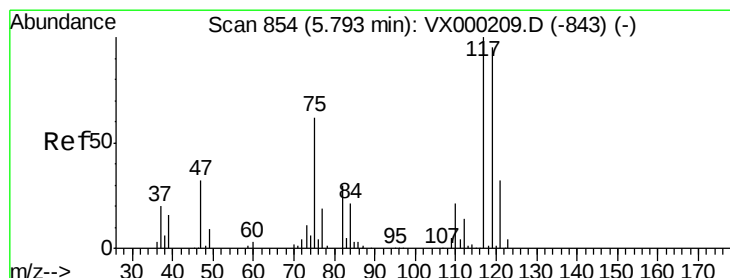
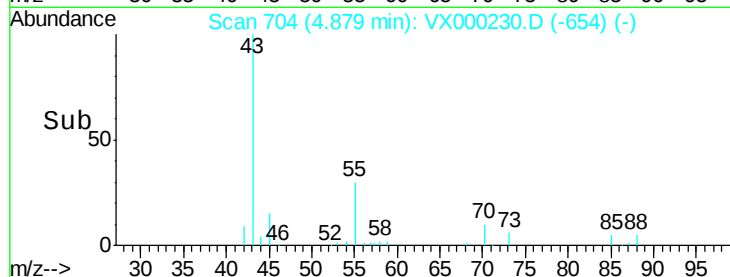
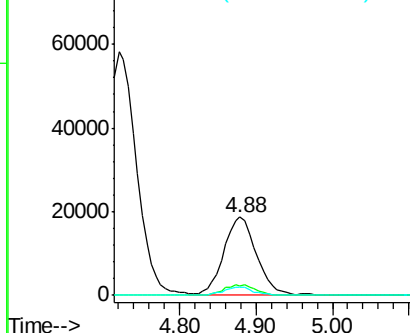
#37
Ethyl Acetate
Concen: 19.31 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 55402
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 9.8 7.8 11.6

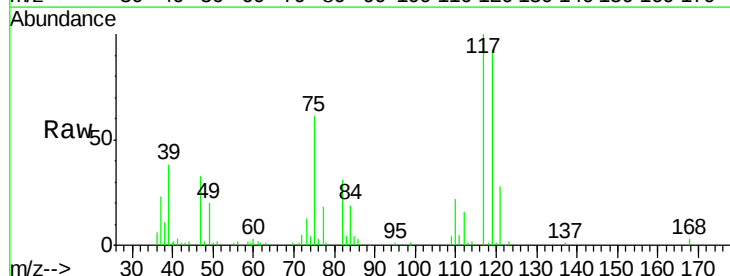


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

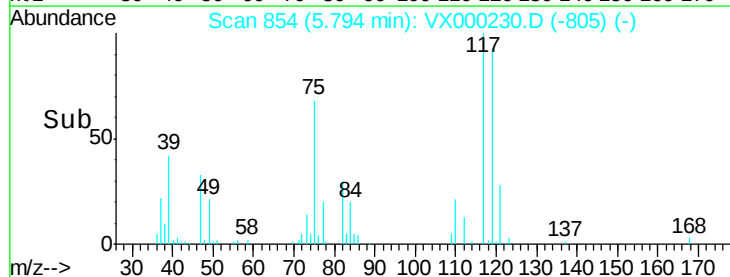
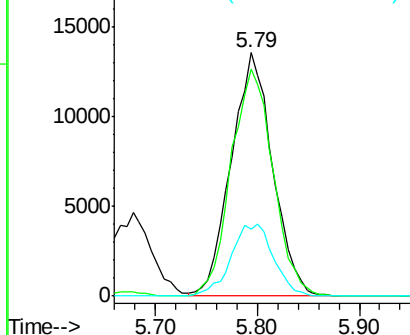


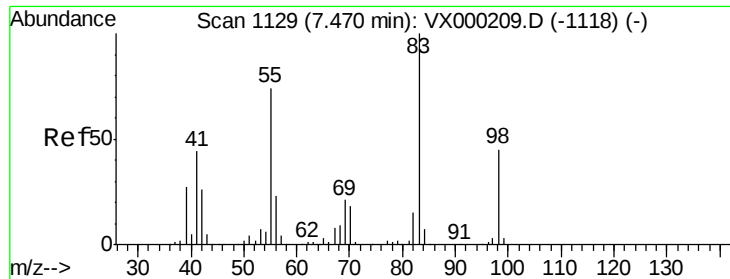
#38
Carbon Tetrachloride
Concen: 19.06 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 117 Resp: 38298
Ion Ratio Lower Upper
117 100
119 93.3 75.9 113.9
121 27.6 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

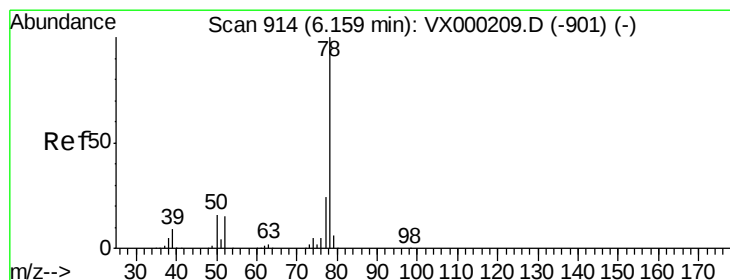
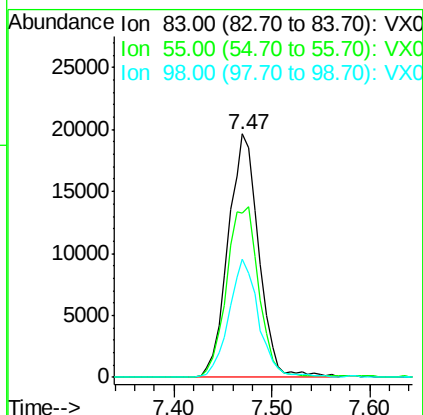
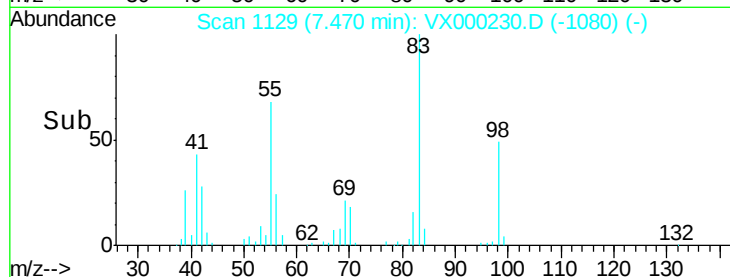
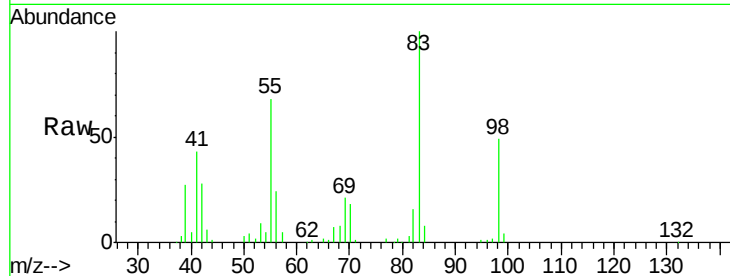




#39
Methvlcvclohexane
Concen: 17.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

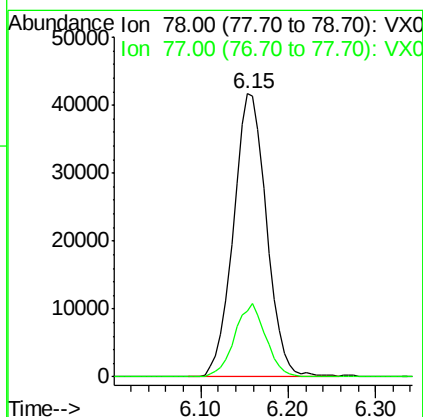
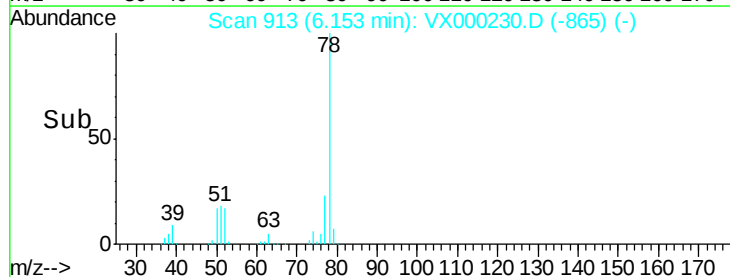
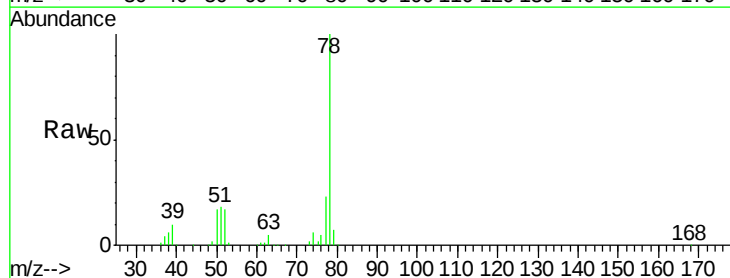
Instrument :
MSVOA_X
ClientSampled :

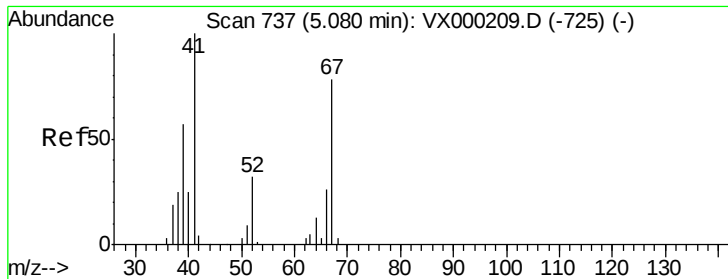
Tot Ion: 83 Resp: 42754
Ion Ratio Lower Upper
83 100
55 67.5 59.4 89.0
98 48.7 36.3 54.5



#40
Benzene
Concen: 19.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 78 Resp: 109824
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2

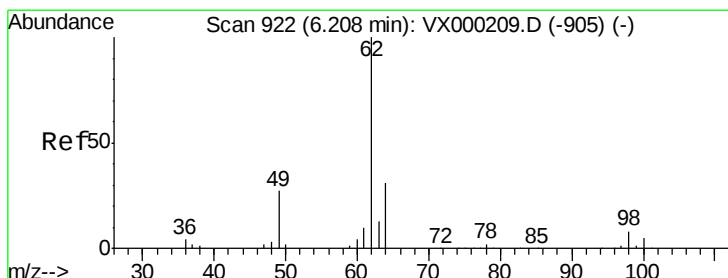
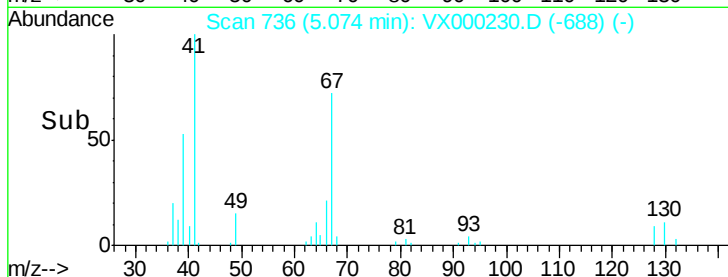
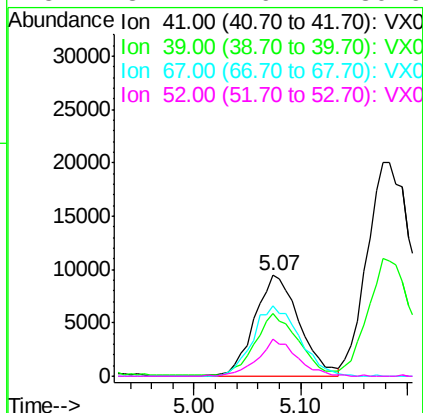
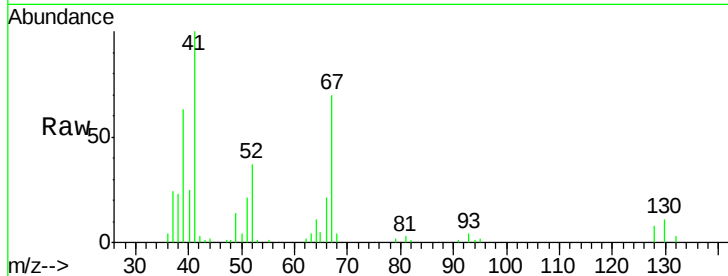




#41
Methacrylonitrile
Concen: 19.06 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

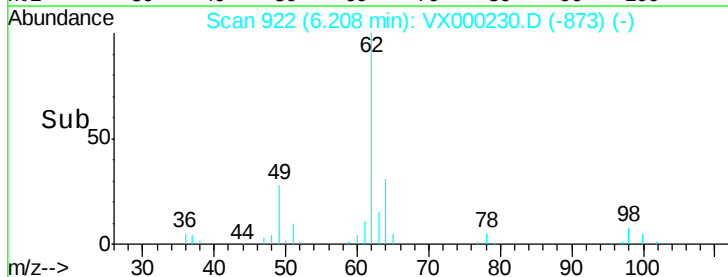
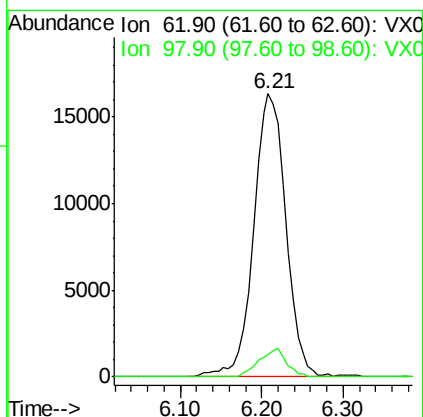
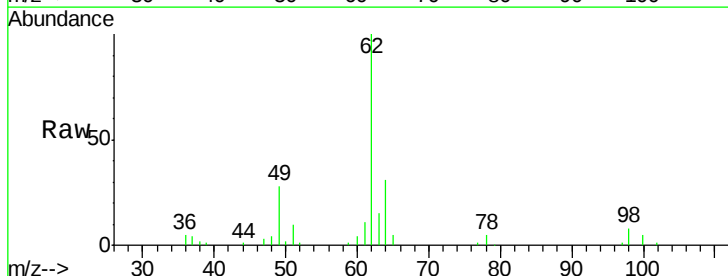
Instrument :
MSVOA_X
ClientSampled :

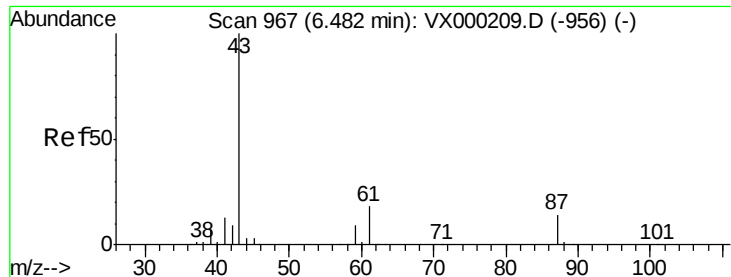
Tot Ion:	41	Resp:	27881
Ion	Ratio	Lower	Upper
41	100		
39	58.9	47.8	71.6
67	71.8	59.3	88.9
52	32.4	26.4	39.6



#42
1,2-Dichloroethane
Concen: 20.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:	62	Resp:	44924
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2



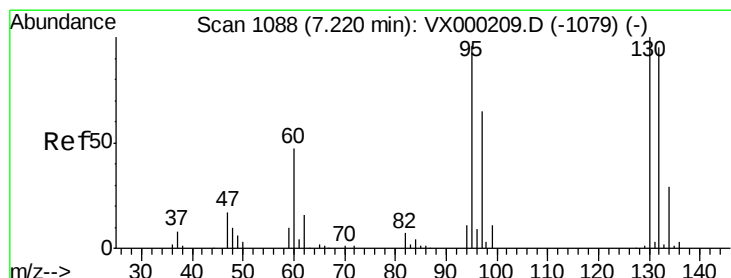
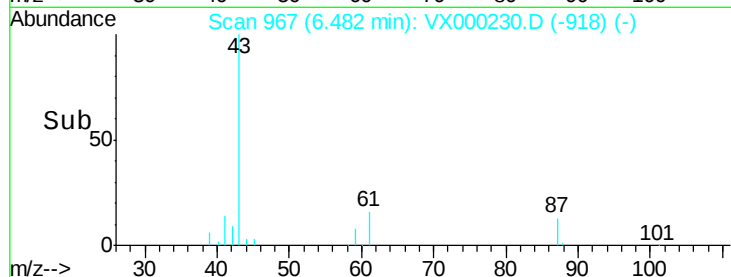
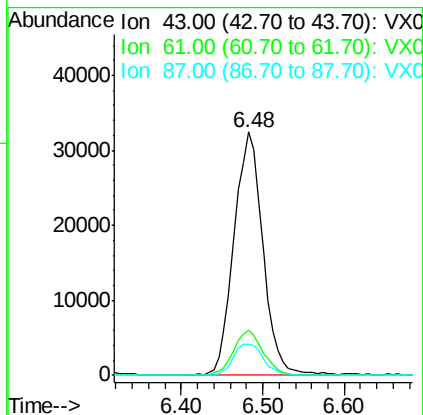
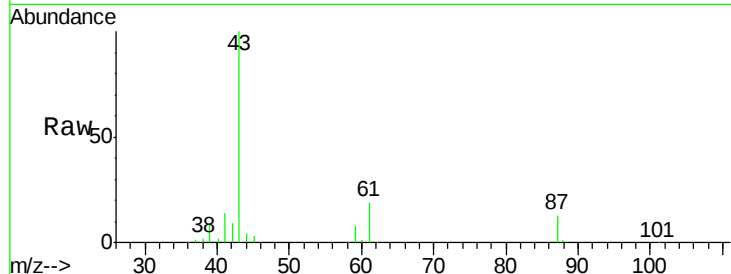


#43

Isopropyl Acetate
 Concen: 19.19 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampled :

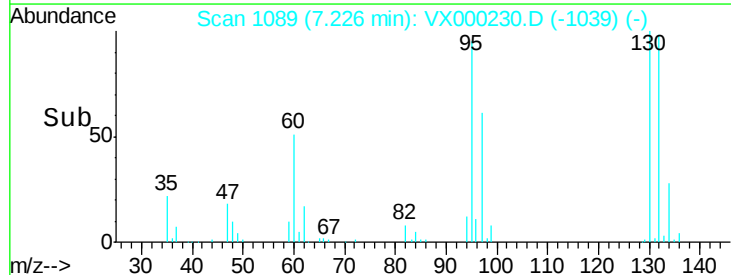
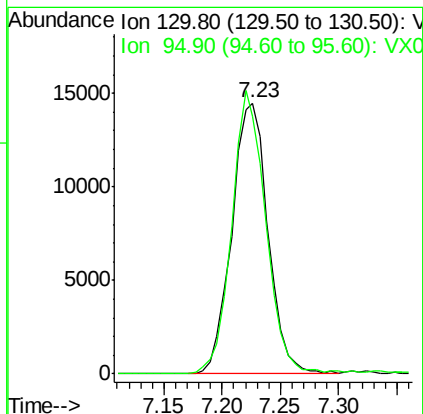
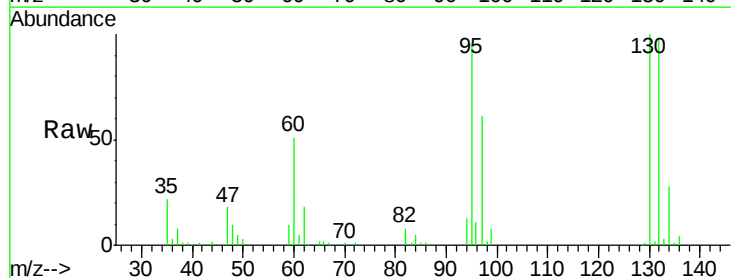
Tot Ion: 43 Resp: 79601
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.8 22.2
 87 13.4 10.6 16.0

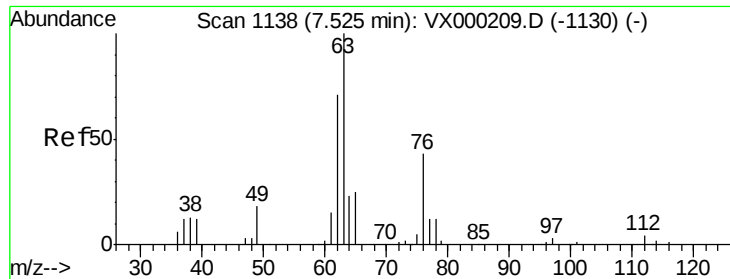


#44

Trichloroethene
 Concen: 19.13 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion:130 Resp: 31347
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 191.8





#45

1,2-Dichloropropane

Concen: 19.88 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

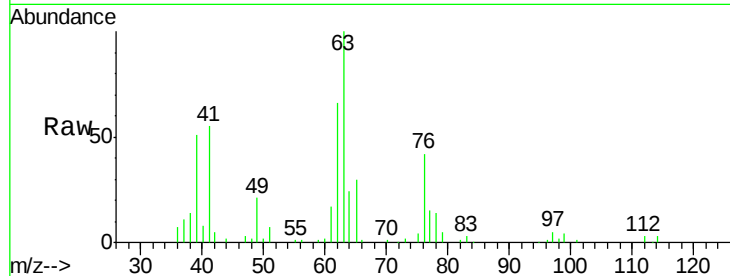
ClientSampleId :

Tot Ion: 63 Resp: 28825

Ion Ratio Lower Upper

63 100

65 29.3 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.53

15000

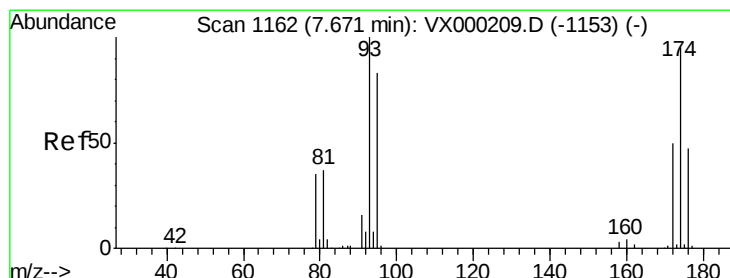
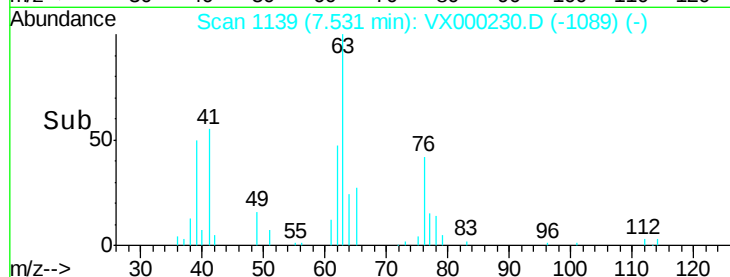
10000

5000

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 18.75 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

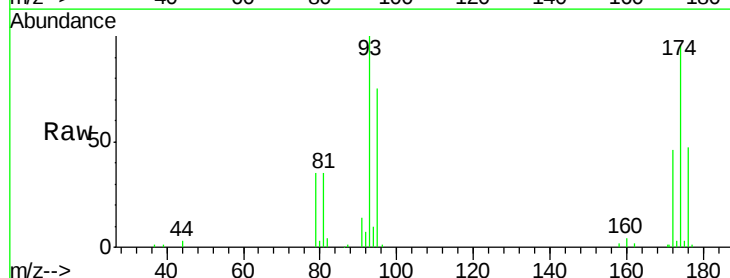
Tgt Ion: 93 Resp: 21510

Ion Ratio Lower Upper

93 100

95 82.7 64.1 96.1

174 97.2 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

15000

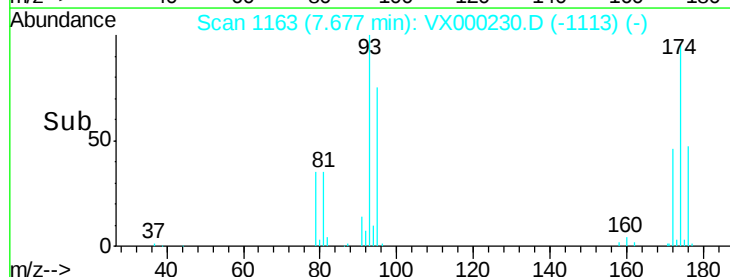
10000

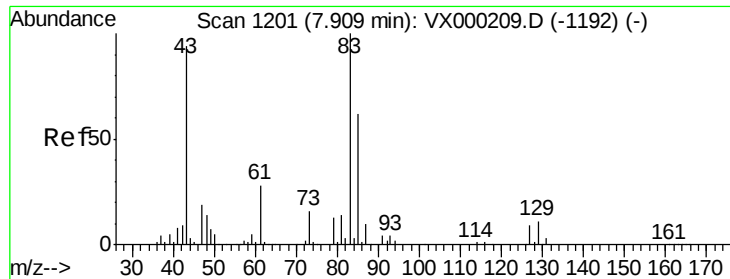
5000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 19.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

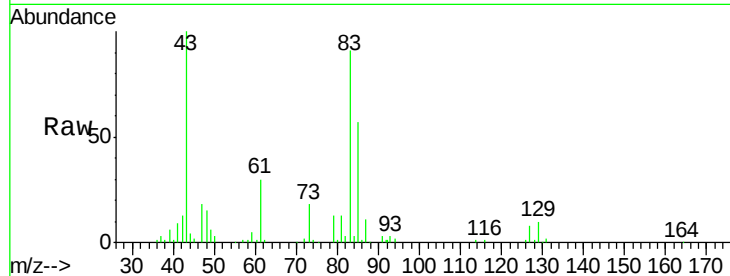
Tot Ion: 83 Resp: 39934

Ion Ratio Lower Upper

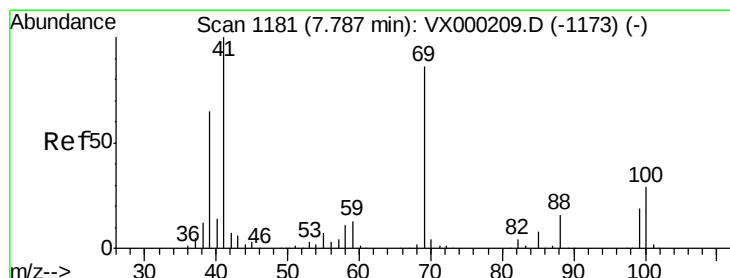
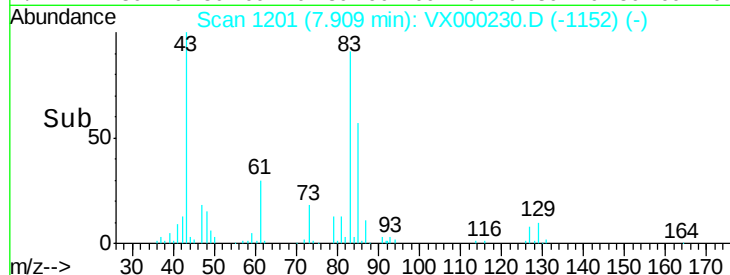
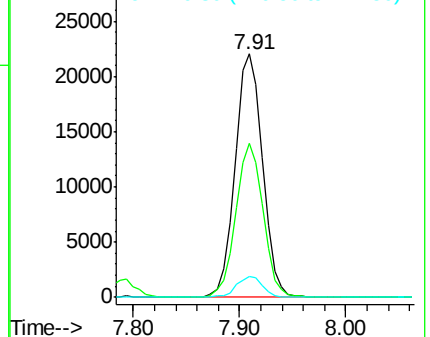
83 100

85 63.0 49.6 74.4

127 8.5 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: 18.92 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

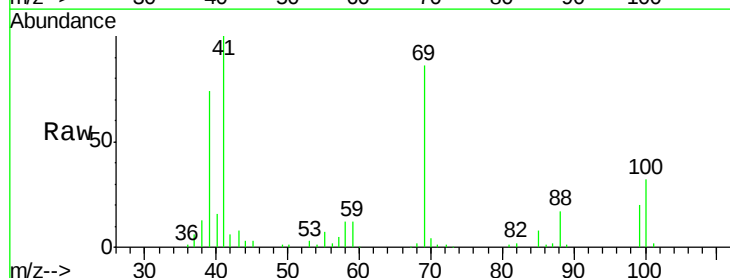
Tgt Ion: 41 Resp: 38661

Ion Ratio Lower Upper

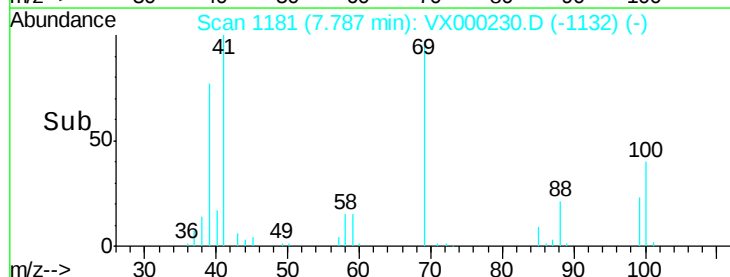
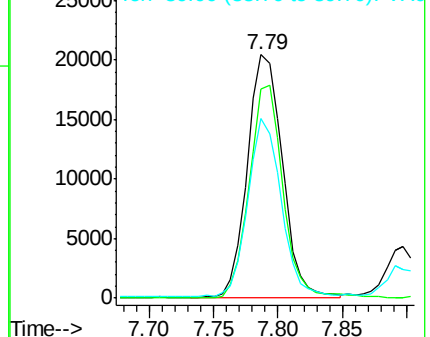
41 100

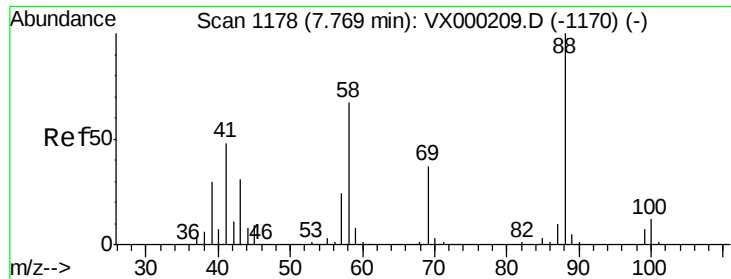
69 84.3 70.0 105.0

39 68.8 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

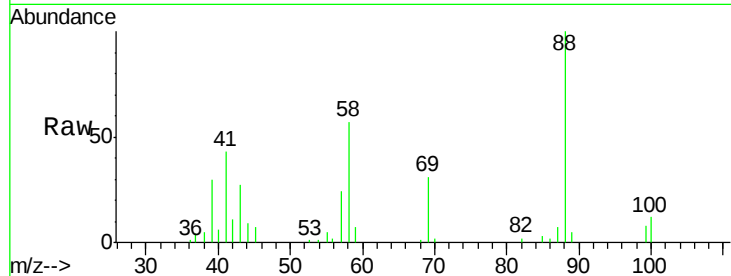




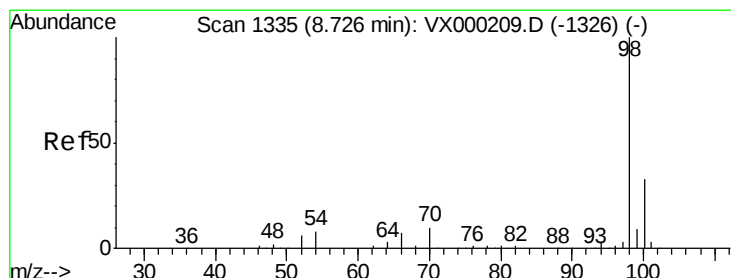
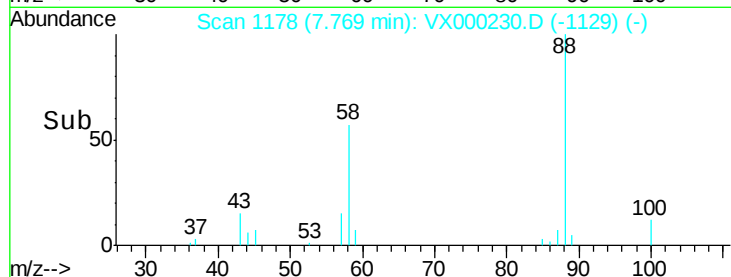
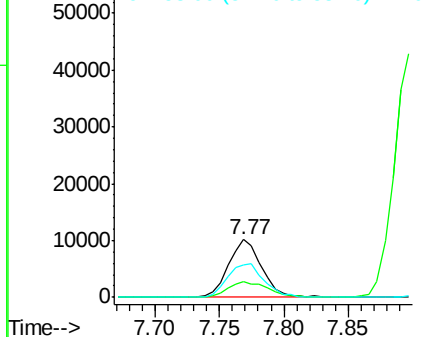
#49
1,4-Dioxane
Concen: 393.00 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 18229
Ion Ratio Lower Upper
88 100
43 33.7 26.9 40.3
58 65.4 52.2 78.4

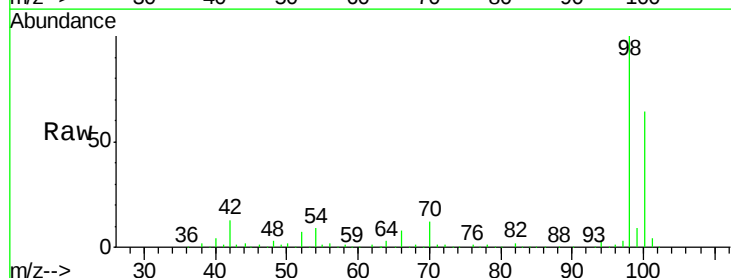


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

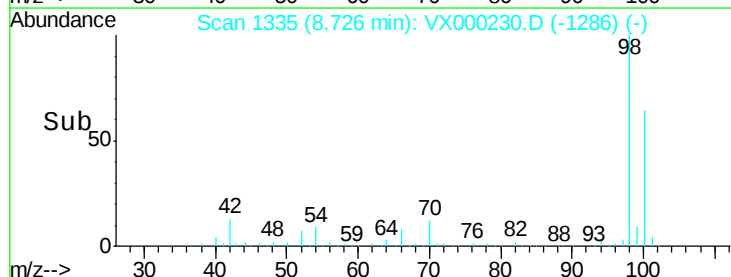
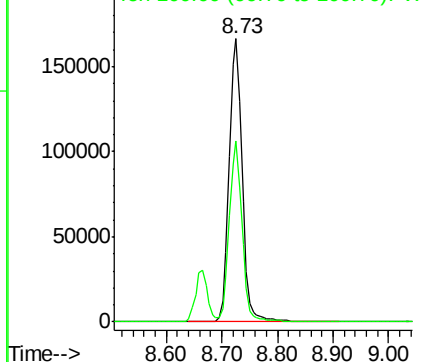


#50
Toluene-d8
Concen: 46.87 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 98 Resp: 272056
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.10 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

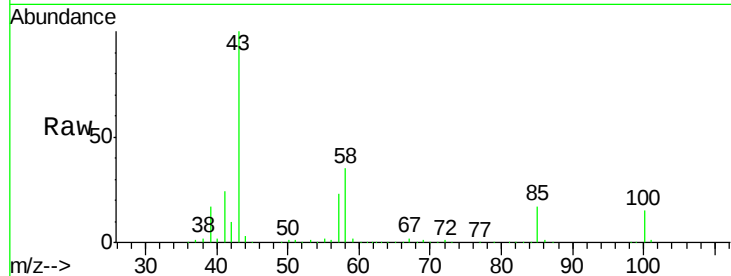
ClientSampleId :

Tot Ion: 43 Resp: 313401

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

8.66

200000

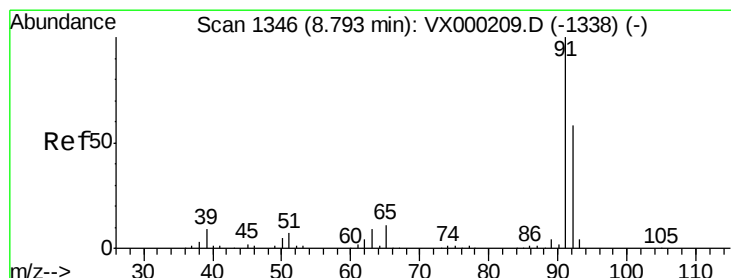
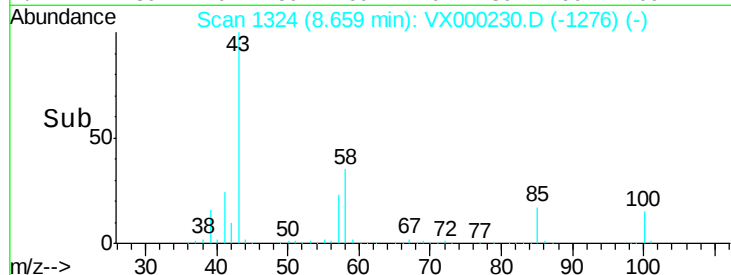
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.01 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000230.D

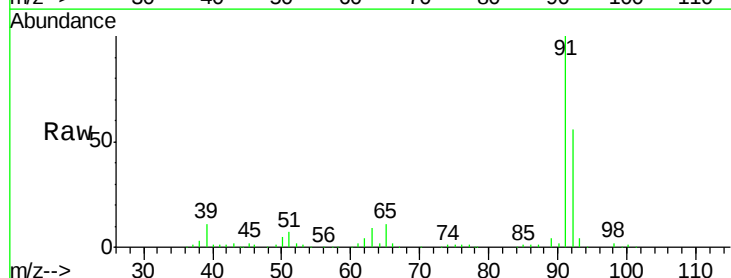
Acq: 08 Mar 2018 19:45

Tgt Ion: 92 Resp: 74591

Ion Ratio Lower Upper

92 100

91 180.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

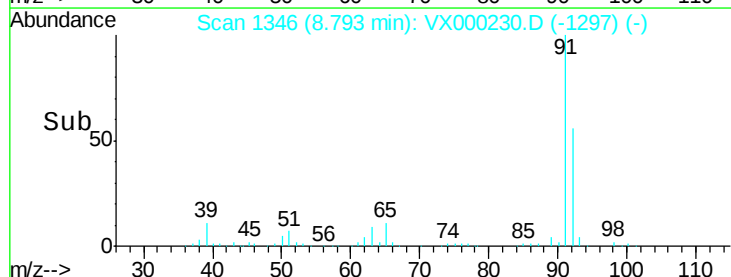
60000

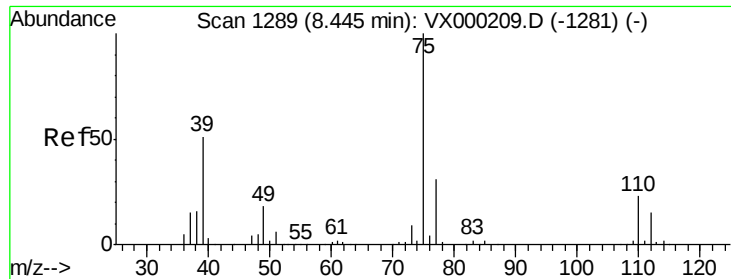
40000

20000

0

Time-->

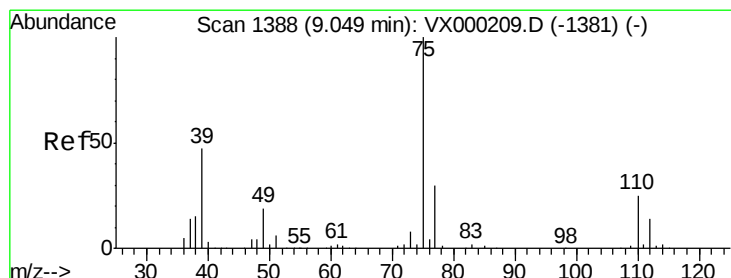
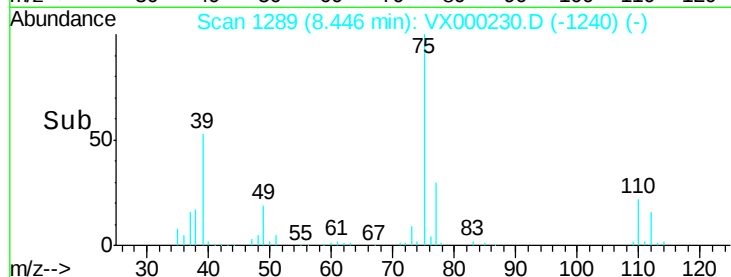
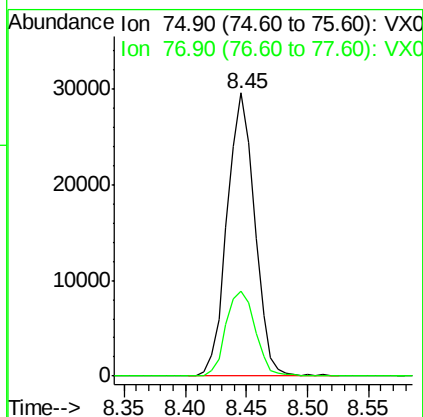
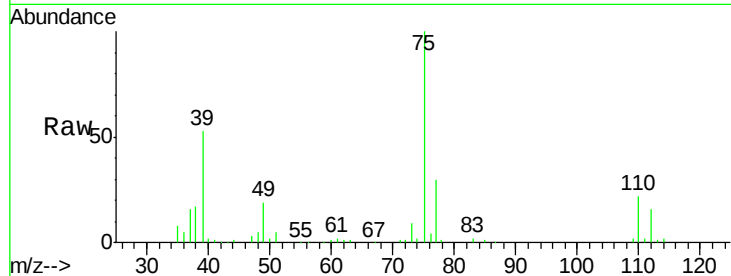




#53
t-1,3-Dichloropropene
Concen: 19.45 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

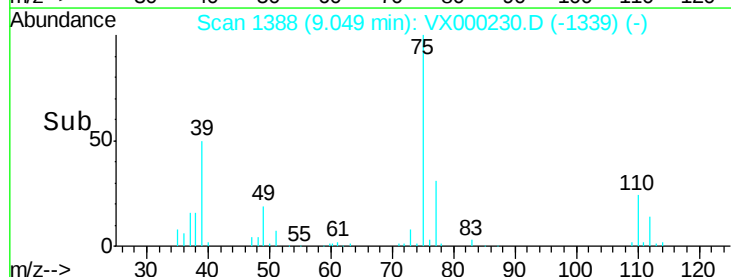
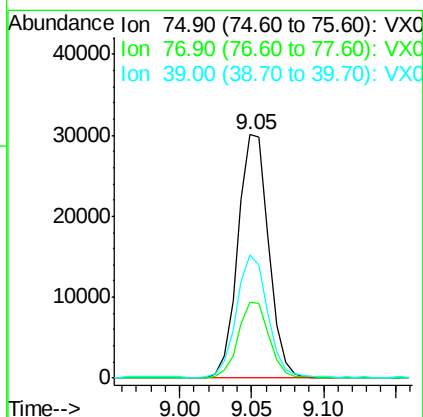
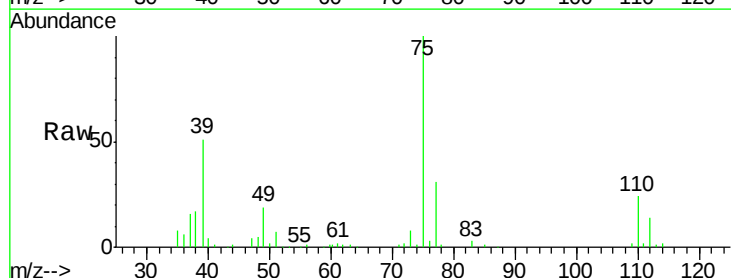
Instrument :
MSVOA_X
ClientSampleId :

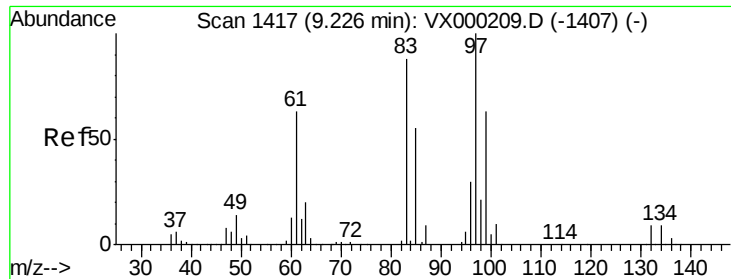
Tot Ion: 75 Resp: 46266
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.32 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 75 Resp: 44455
Ion Ratio Lower Upper
75 100
77 31.4 23.9 35.9
39 50.6 37.4 56.2

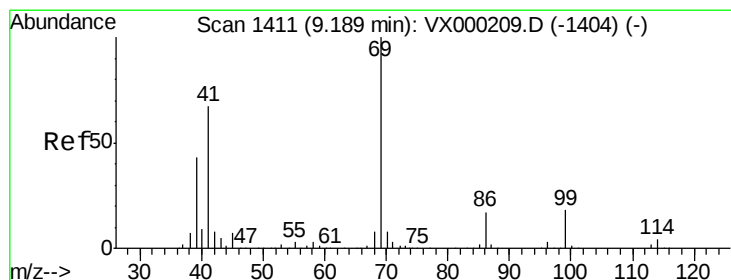
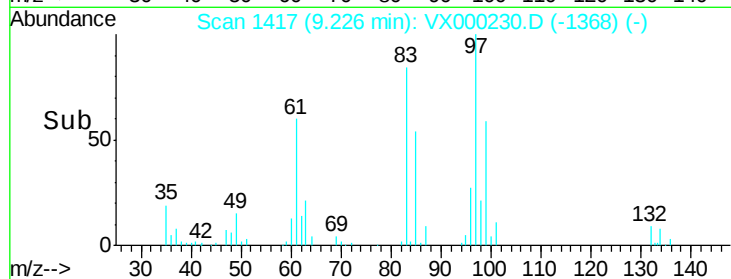
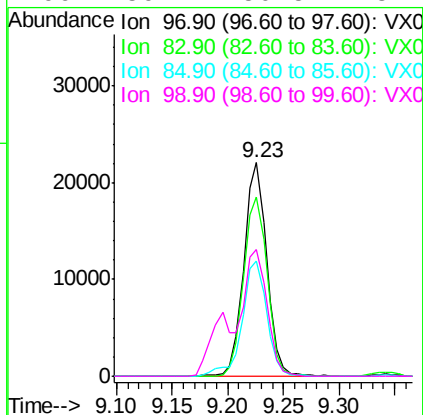
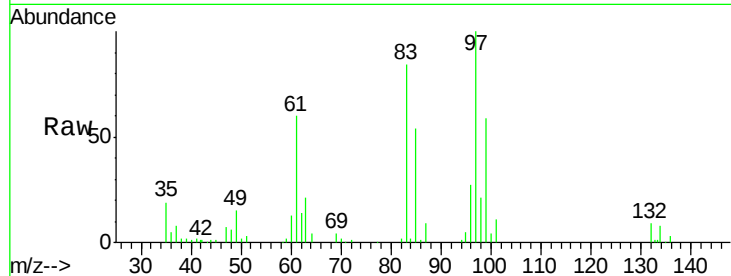




#55
 1,1,2-Trichloroethane
 Concen: 19.87 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

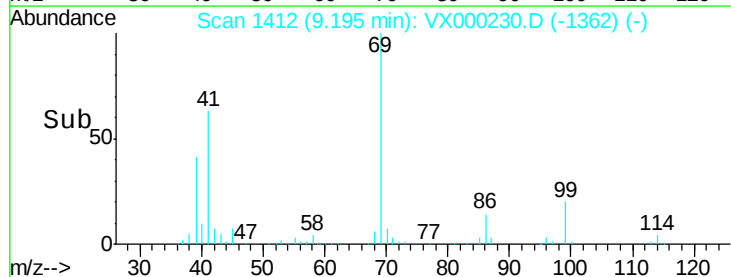
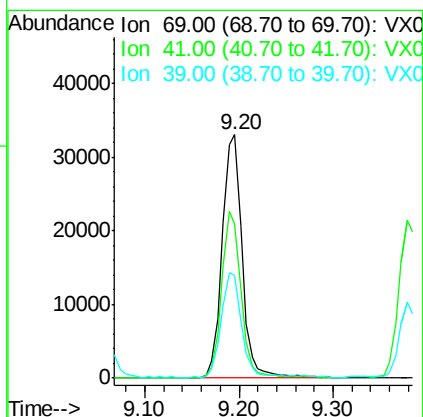
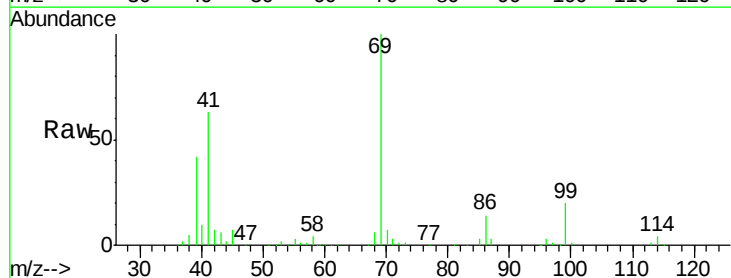
Instrument :
 MSVOA_X
 ClientSampled :

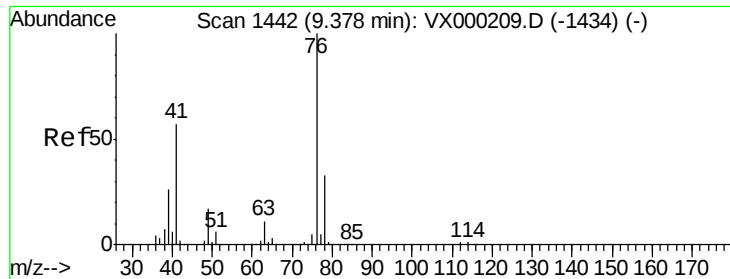
Tot Ion:	97	Resp:	31587
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.4	105.6
85	54.0	43.9	65.9
99	59.2	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 20.50 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion:	69	Resp:	48773
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	44.7	34.3	51.5





#57

1,3-Dichloropropane

Concen: 19.80 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

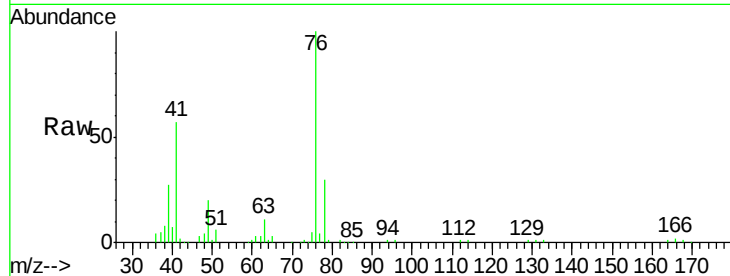
ClientSampleId :

Tot Ion: 76 Resp: 52859

Ion Ratio Lower Upper

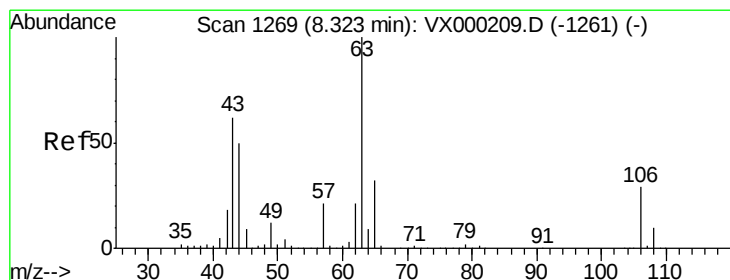
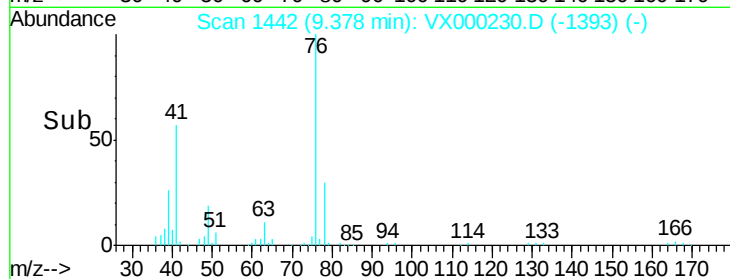
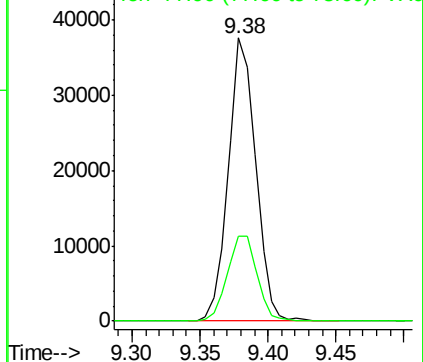
76 100

78 32.6 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.84 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000230.D

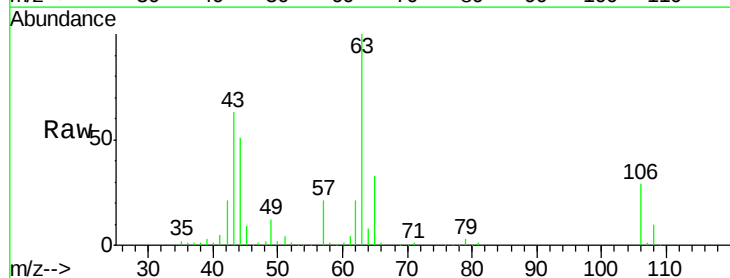
Acq: 08 Mar 2018 19:45

Tgt Ion: 63 Resp: 121110

Ion Ratio Lower Upper

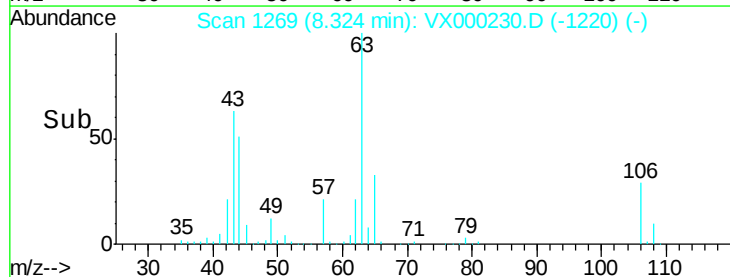
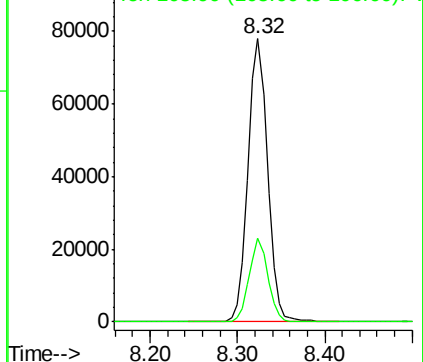
63 100

106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

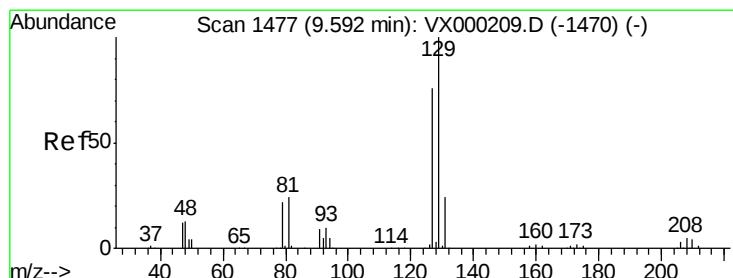
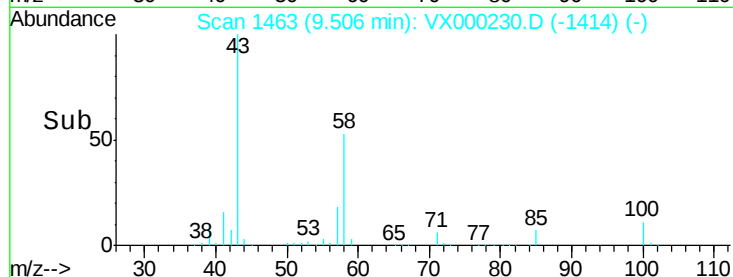
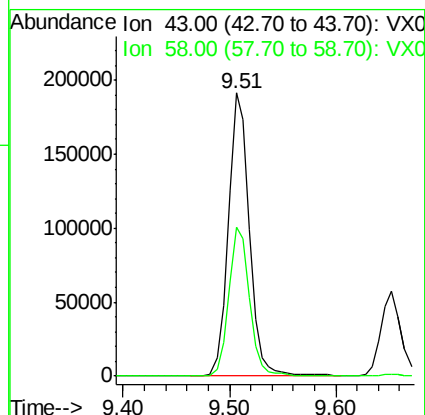
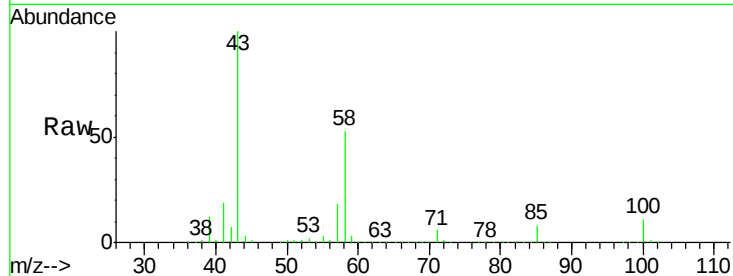




#59
2-Hexanone
Concen: 99.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

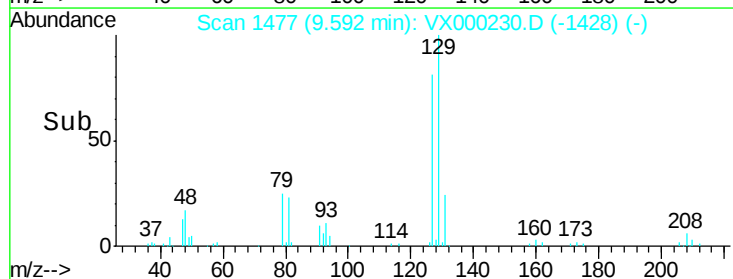
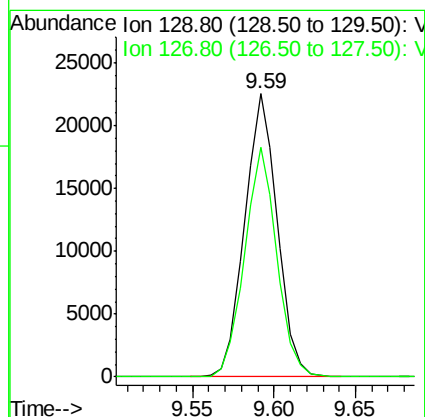
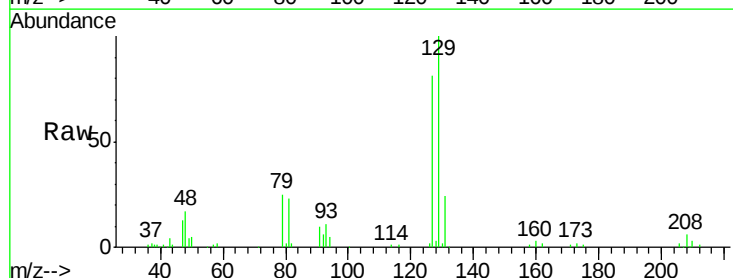
Instrument :
MSVOA_X
ClientSampled :

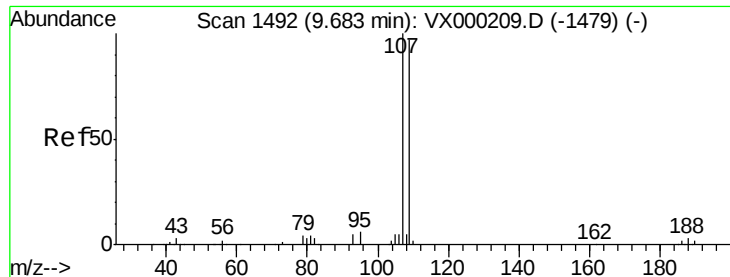
Tot Ion: 43 Resp: 265582
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7



#60
Dibromochloromethane
Concen: 18.72 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 129 Resp: 31372
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.33 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

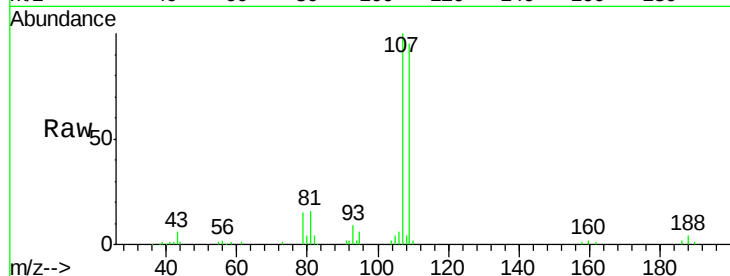
ClientSampled :

Tot Ion:107 Resp: 34118

Ion Ratio Lower Upper

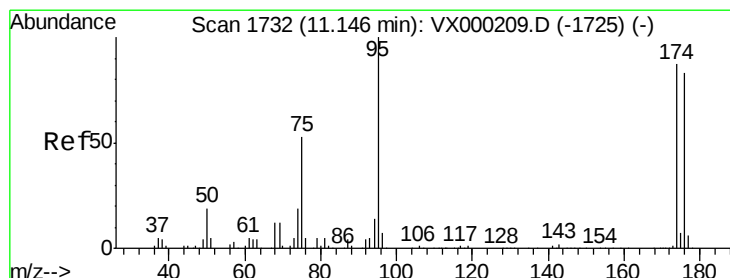
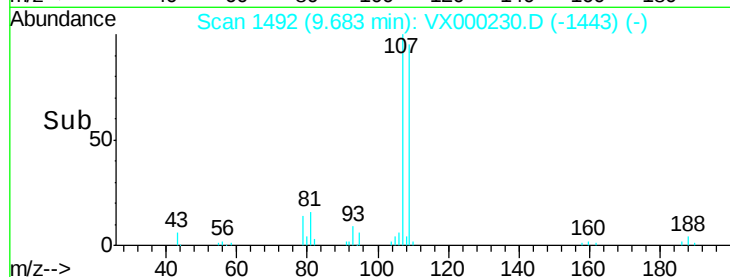
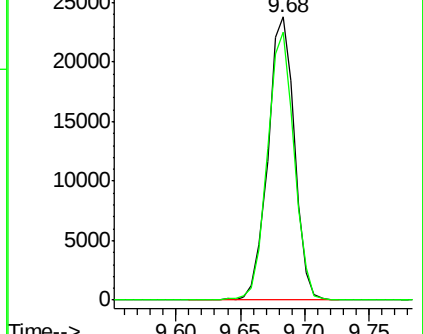
107 100

109 95.1 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: 45.45 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

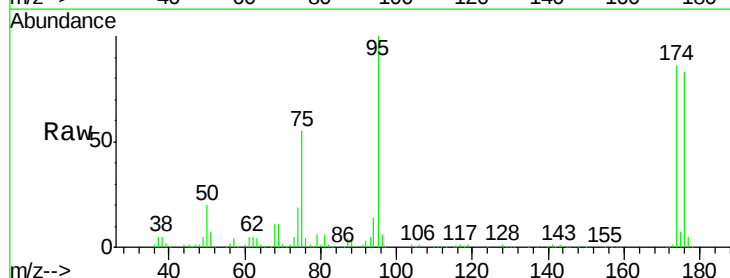
Tgt Ion: 95 Resp: 102984

Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

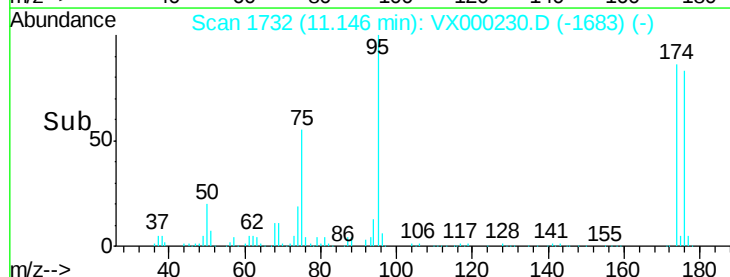
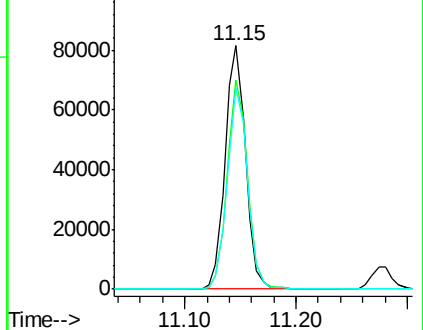
176 82.5 0.0 171.0

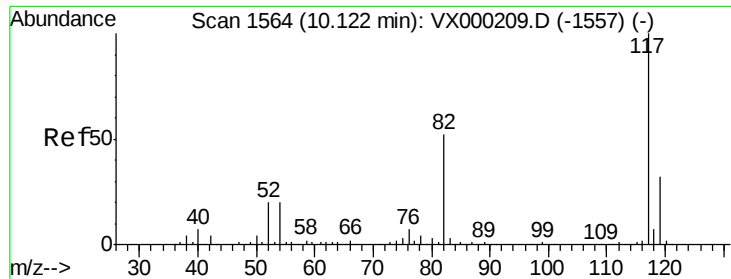


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

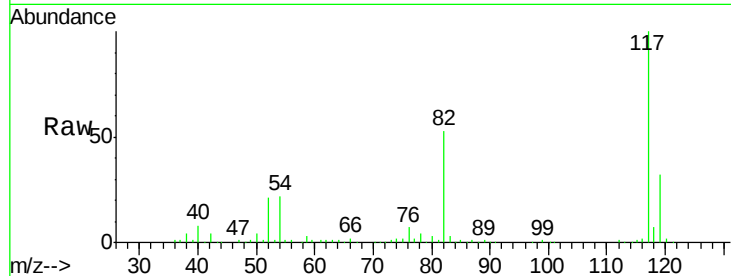




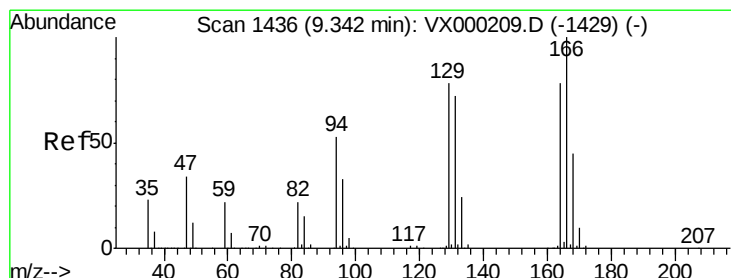
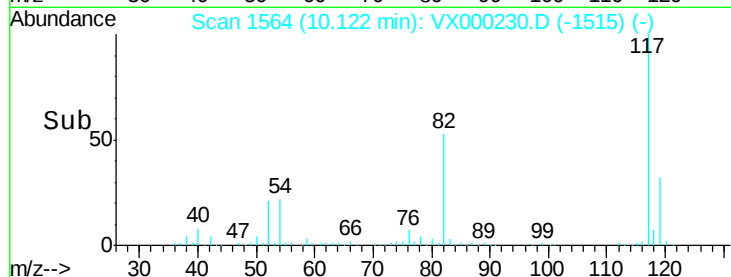
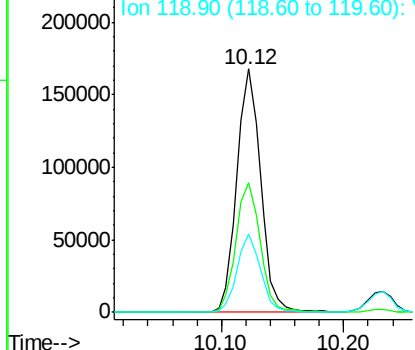
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 227204
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.3 25.3 37.9



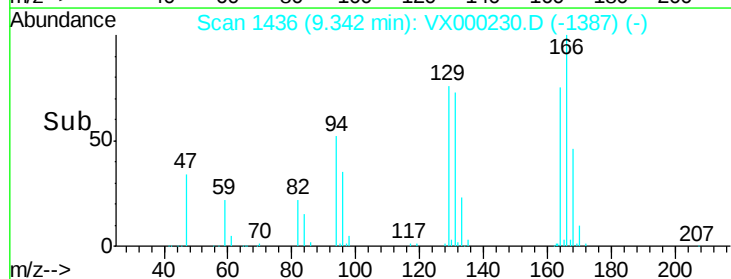
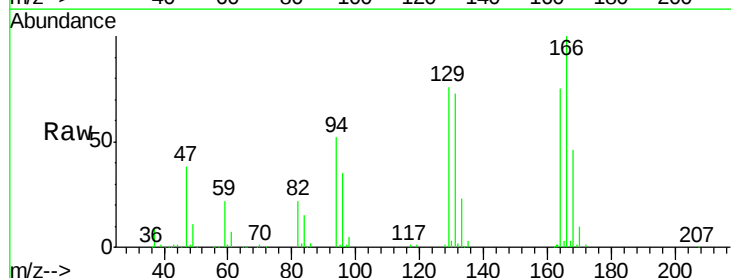
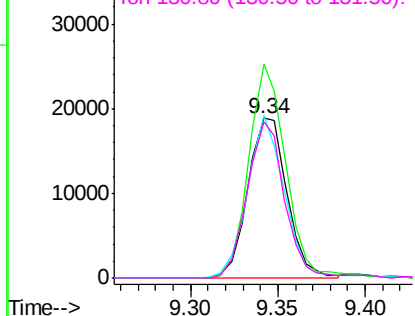
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

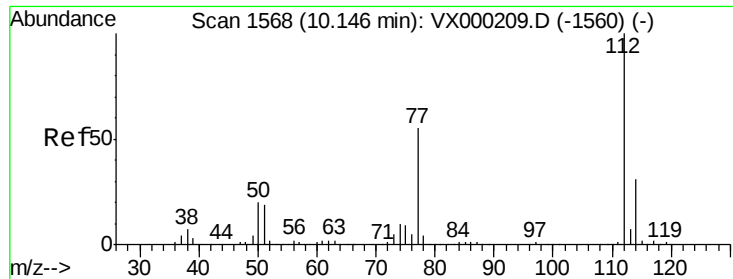


#64
Tetrachloroethene
Concen: 18.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:164 Resp: 29252
Ion Ratio Lower Upper
164 100
166 133.9 103.0 154.6
129 102.3 80.2 120.4
131 98.0 74.2 111.4

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

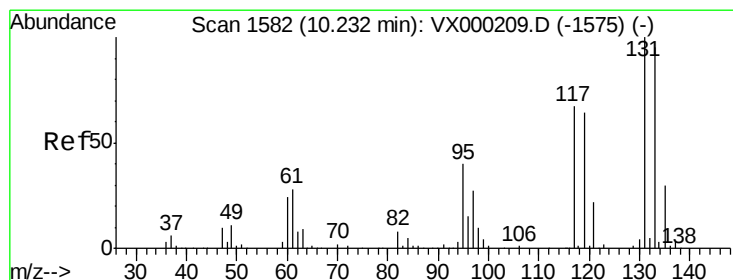
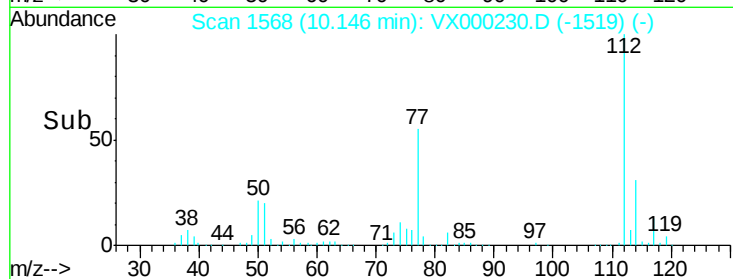
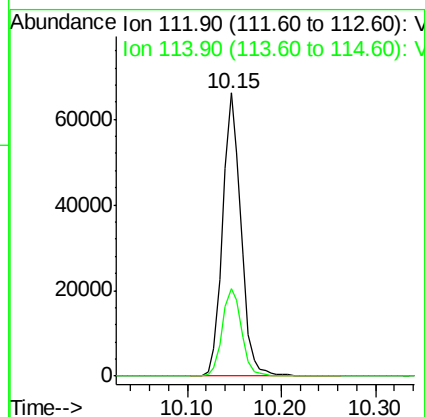
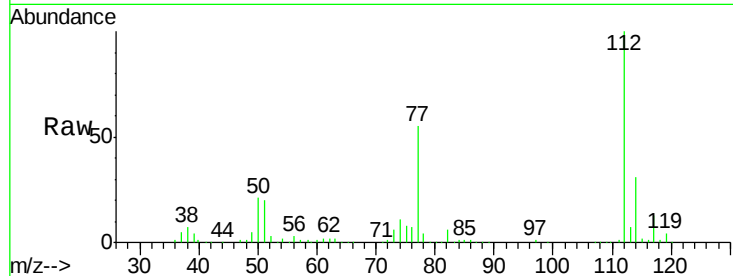




#65
Chlorobenzene
Concen: 19.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

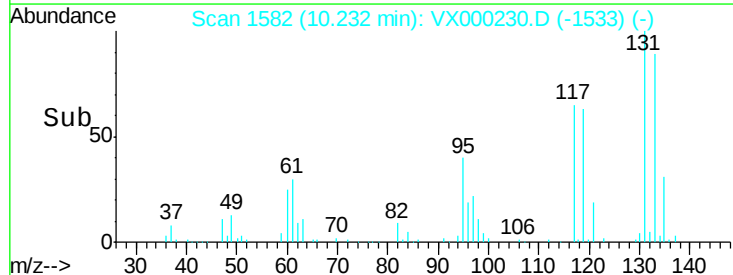
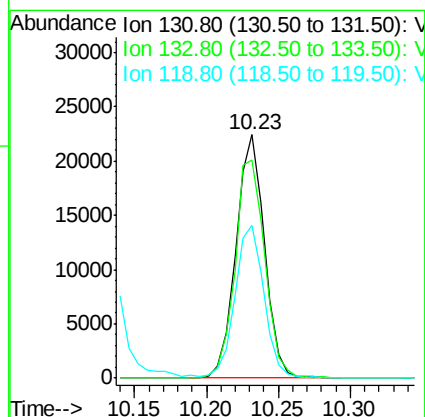
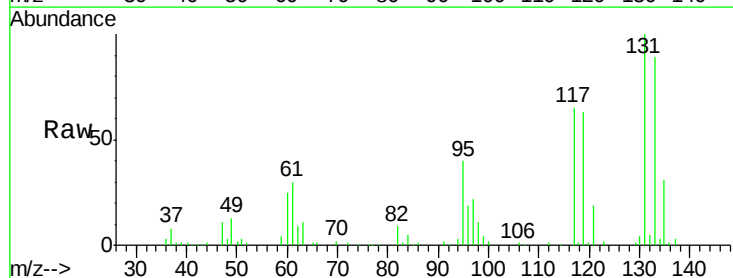
Instrument :
MSVOA_X
ClientSampled :

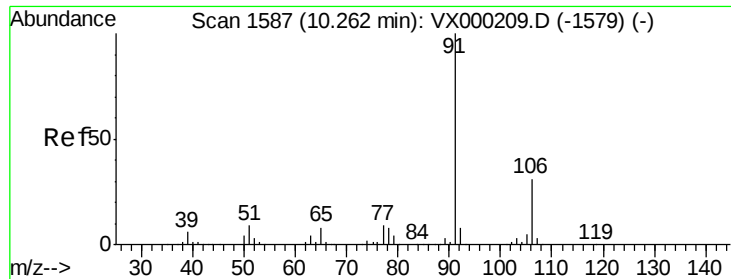
Tot Ion:112 Resp: 89376
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.75 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:131 Resp: 30978
Ion Ratio Lower Upper
131 100
133 94.1 48.3 144.9
119 64.3 32.3 96.8

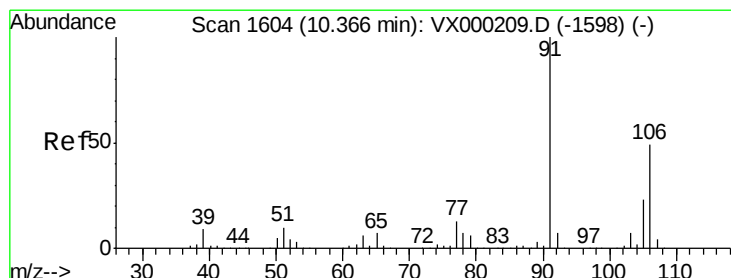
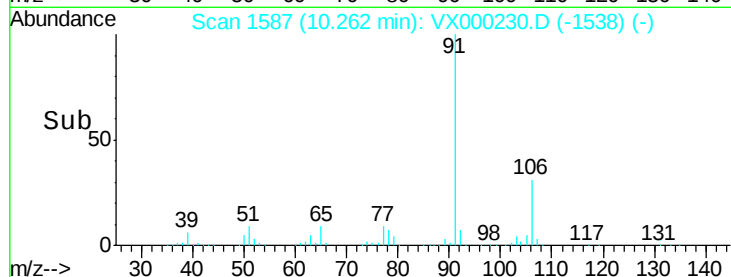
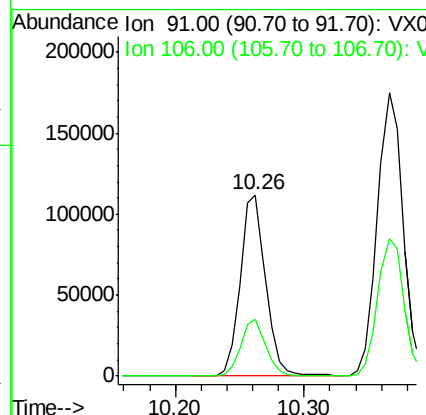
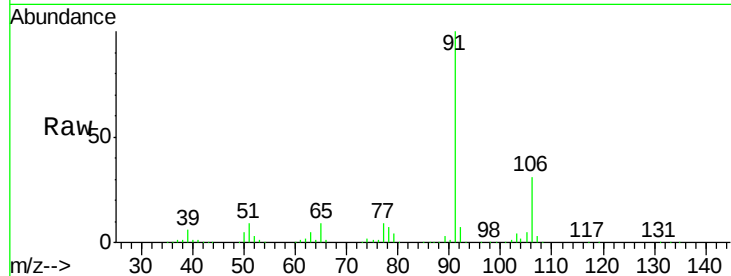




#67
Ethyl Benzene
Concen: 19.18 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

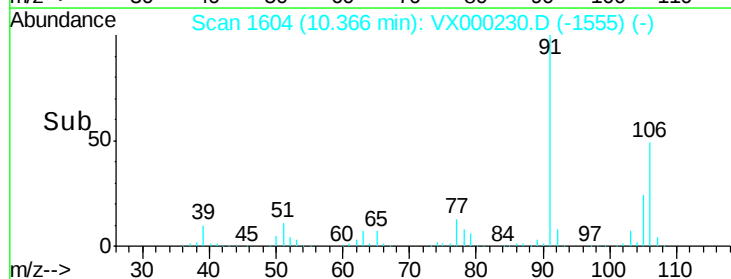
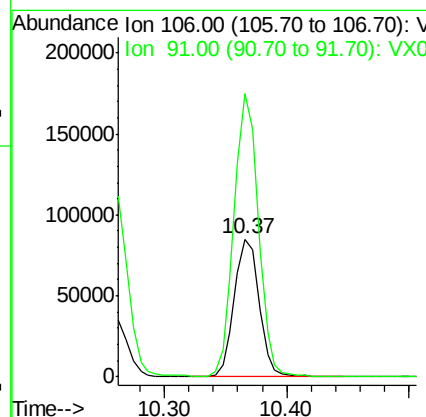
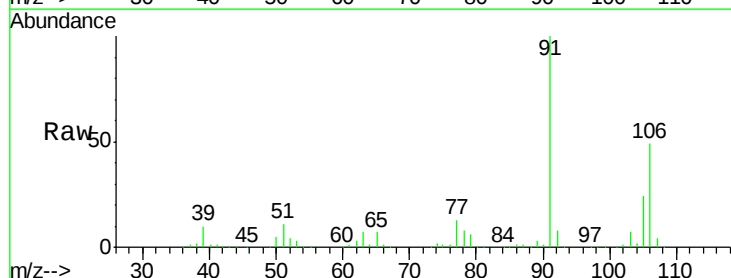
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 153572
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 38.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 106 Resp: 119613
Ion Ratio Lower Upper
106 100
91 202.4 160.9 241.3

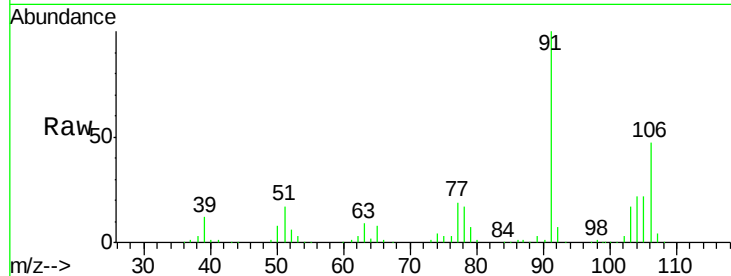




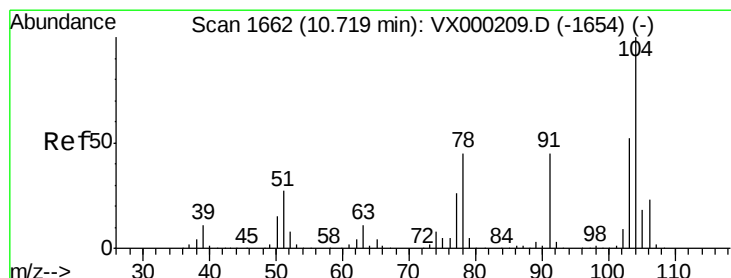
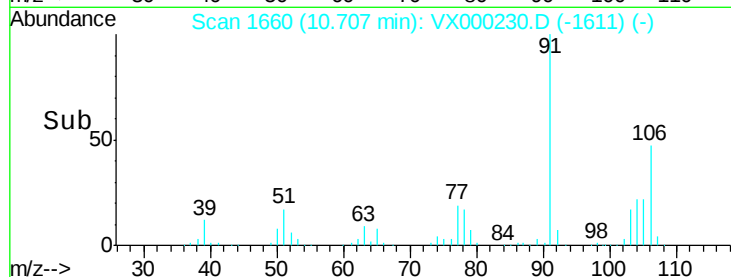
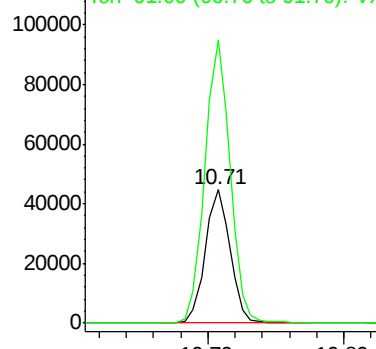
#69
o-Xylene
Concen: 19.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 56806
Ion Ratio Lower Upper
106 100
91 216.0 105.9 317.7

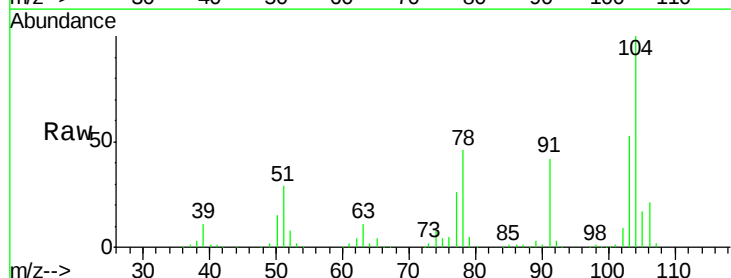


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

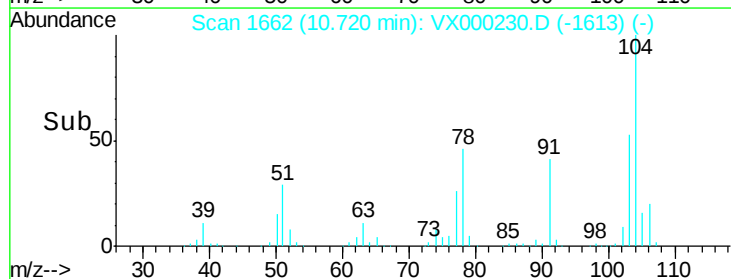
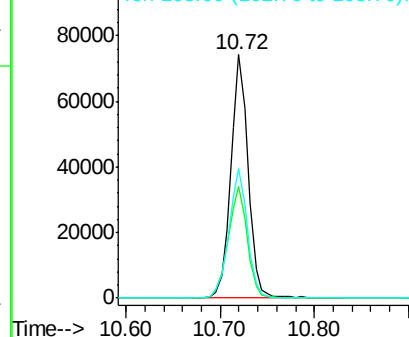


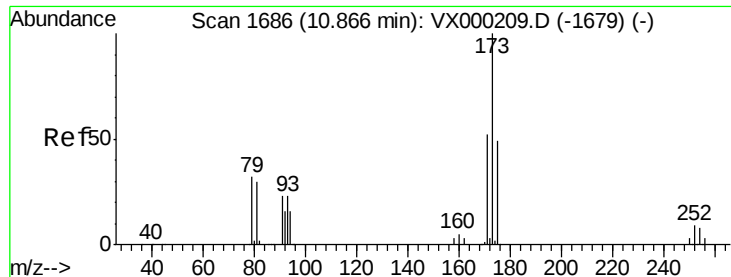
#70
Styrene
Concen: 19.26 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:104 Resp: 94638
Ion Ratio Lower Upper
104 100
78 50.7 39.6 59.4
103 56.7 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: 17.76 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

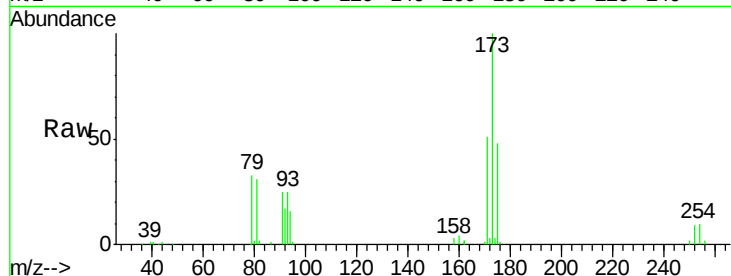
Tot Ion:173 Resp: 25001

Ion Ratio Lower Upper

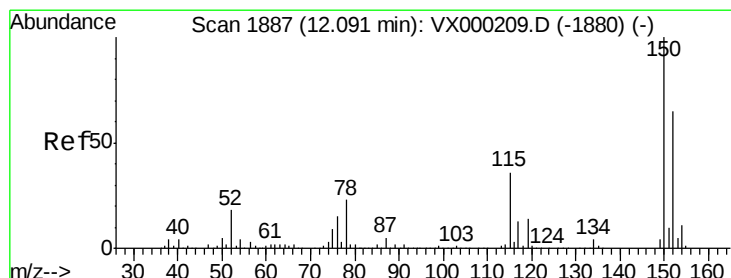
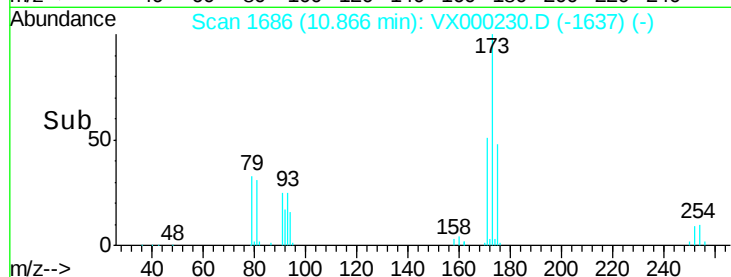
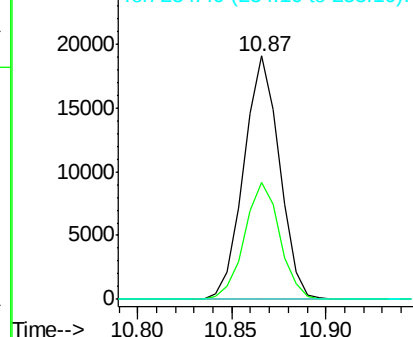
173 100

175 47.6 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: VX000230.D

Acq: 08 Mar 2018 19:45

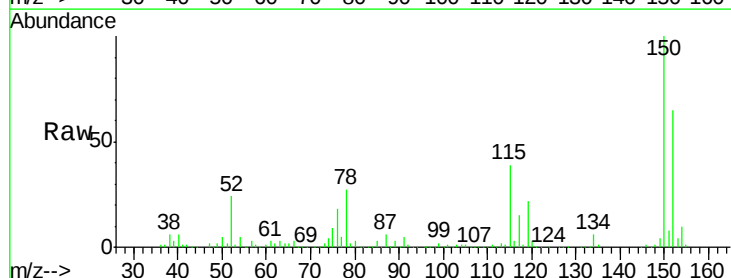
Tgt Ion:152 Resp: 130194

Ion Ratio Lower Upper

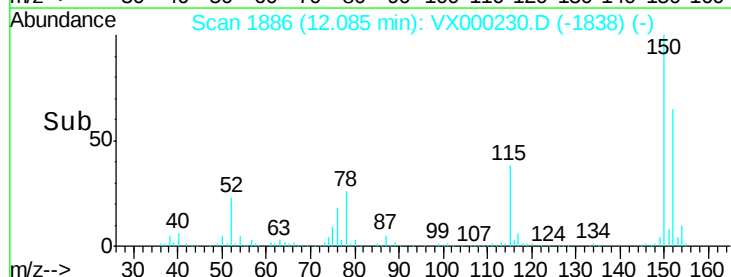
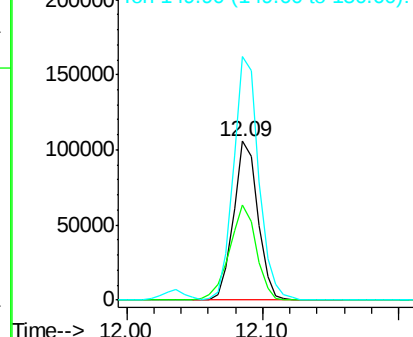
152 100

115 66.4 39.8 119.3

150 160.5 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: 19.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

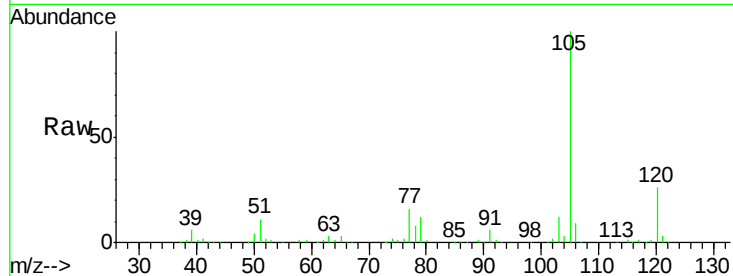
ClientSampleId :

Tot Ion:105 Resp: 157814

Ion Ratio Lower Upper

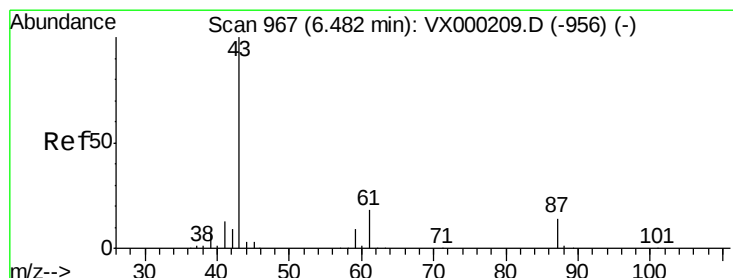
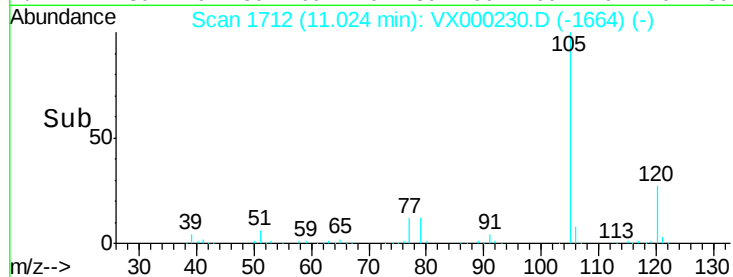
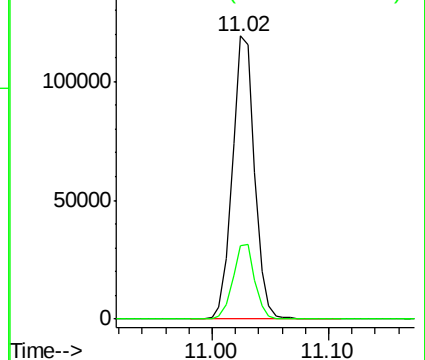
105 100

120 26.1 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: 19.09 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion: 43 Resp: 79601

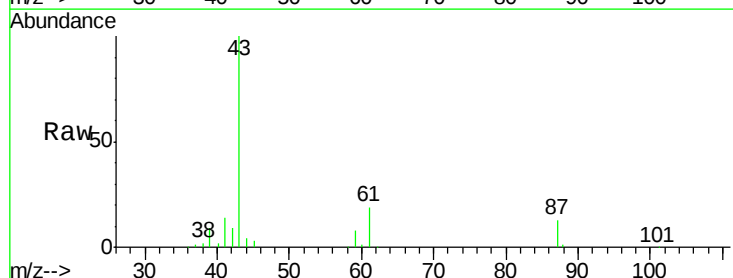
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.8 22.2

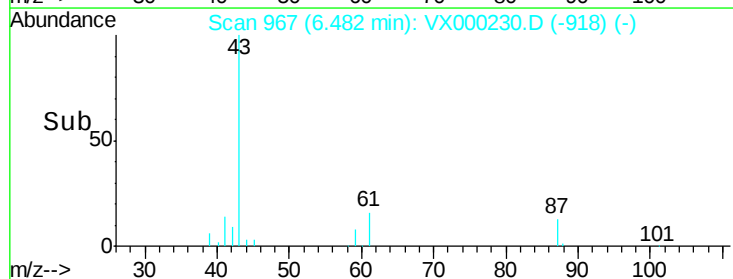
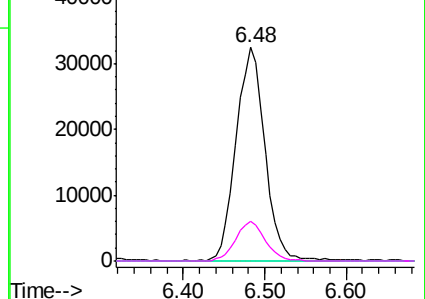


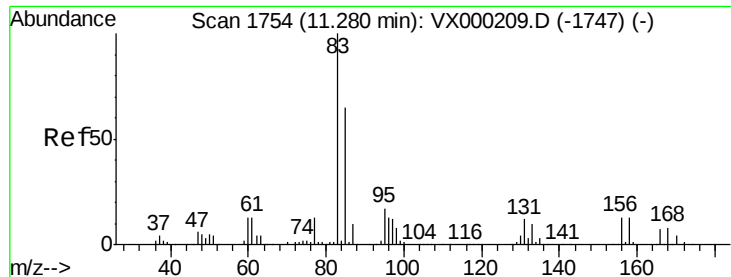
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

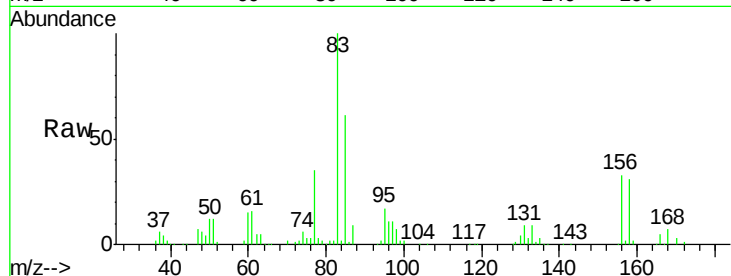
Tot Ion: 83 Resp: 56437

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

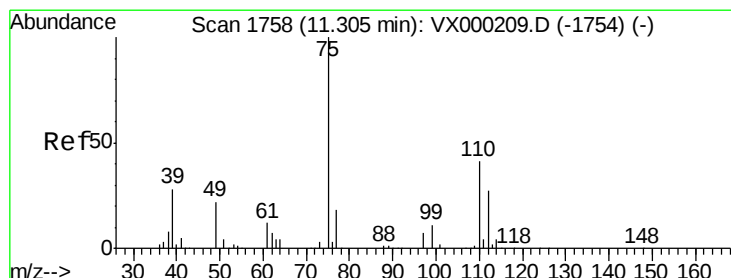
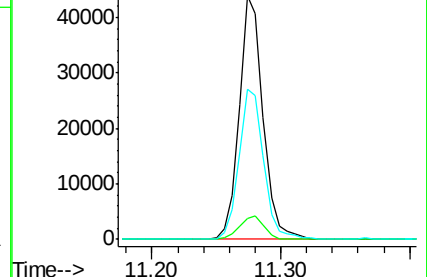
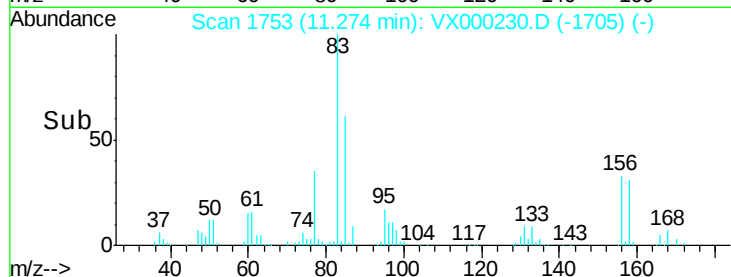
85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX000230.D (-1705) (-)

Ion 130.80 (130.50 to 131.50): VX000230.D (-1705) (-)

Ion 84.90 (84.60 to 85.60): VX000230.D (-1705) (-)



#76

1,2,3-Trichloropropane

Concen: 24.81 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000230.D

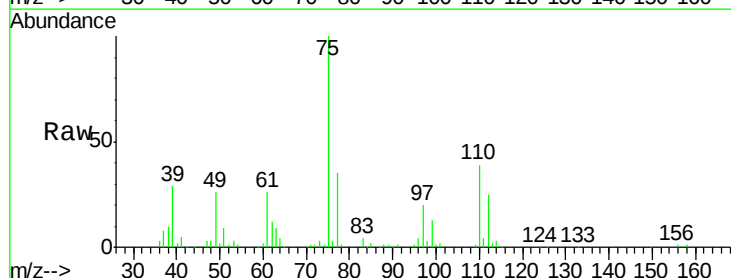
Acq: 08 Mar 2018 19:45

Tgt Ion: 75 Resp: 64755

Ion Ratio Lower Upper

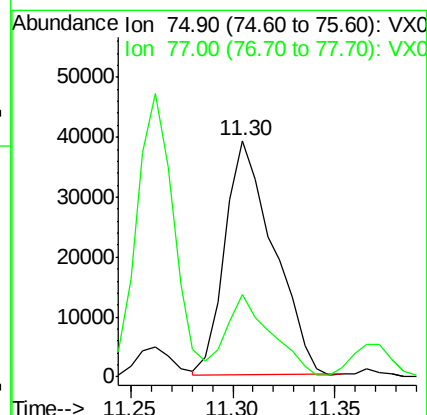
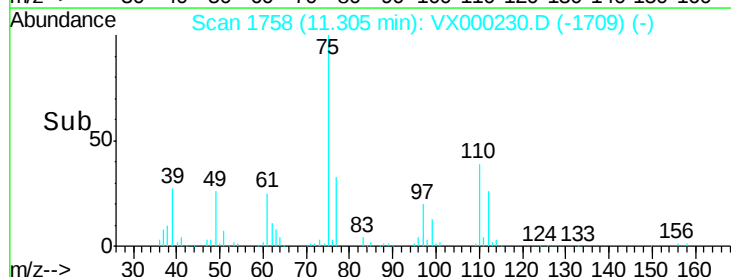
75 100

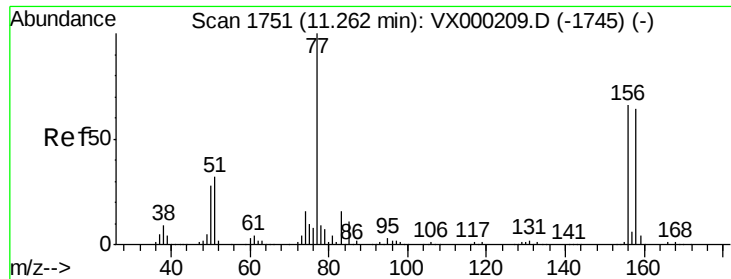
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX000230.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX000230.D (-1709) (-)





#77

Bromobenzene

Concen: 18.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

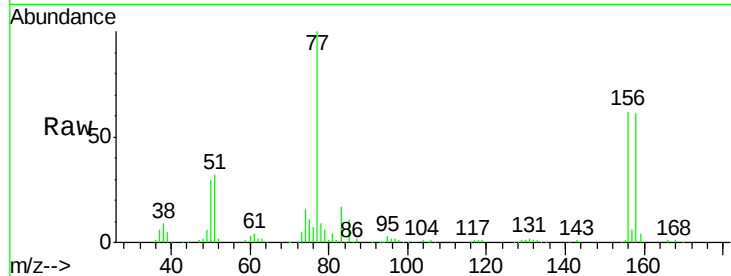
Tot Ion:156 Resp: 39512

Ion Ratio Lower Upper

156 100

77 151.6 71.9 215.7

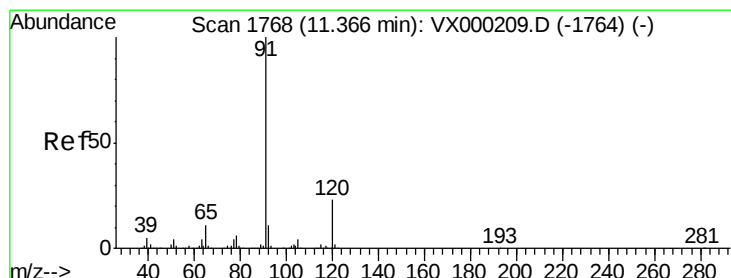
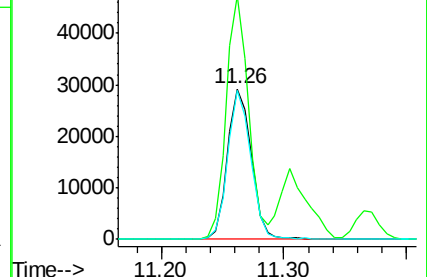
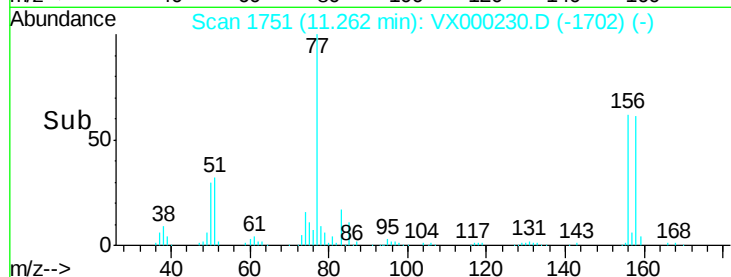
158 96.0 48.0 144.2



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: 19.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000230.D

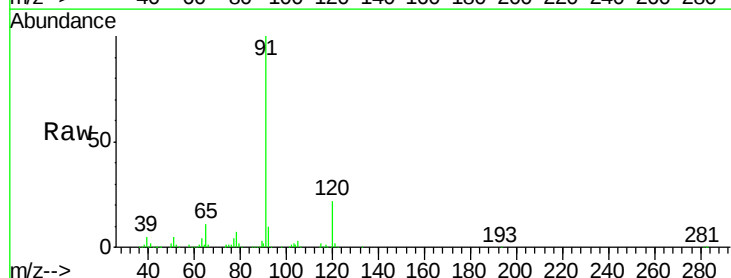
Acq: 08 Mar 2018 19:45

Tgt Ion: 91 Resp: 182967

Ion Ratio Lower Upper

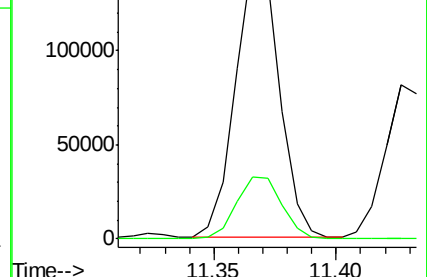
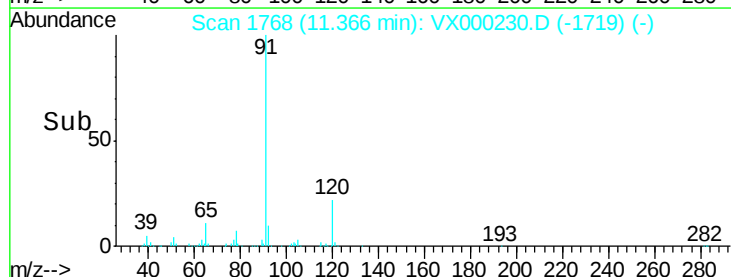
91 100

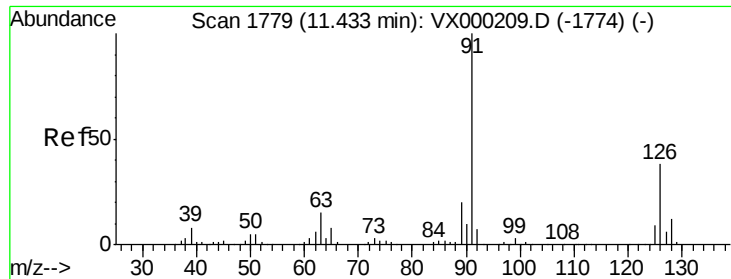
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

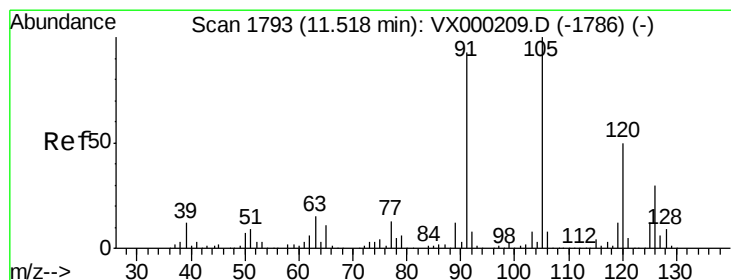
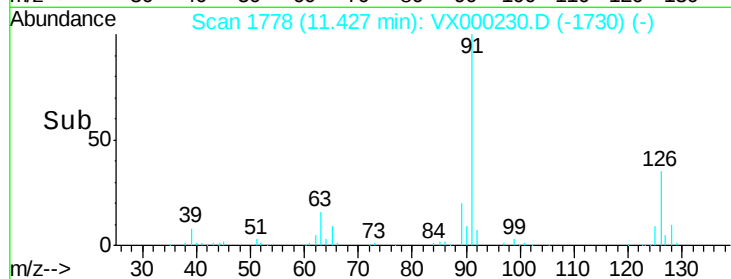
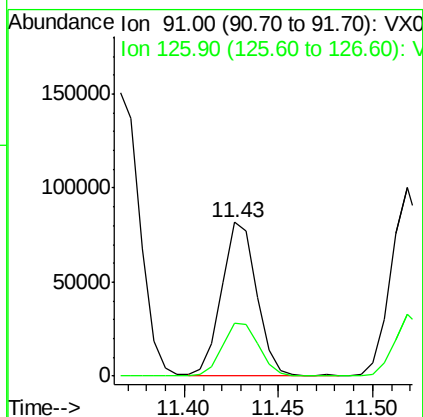
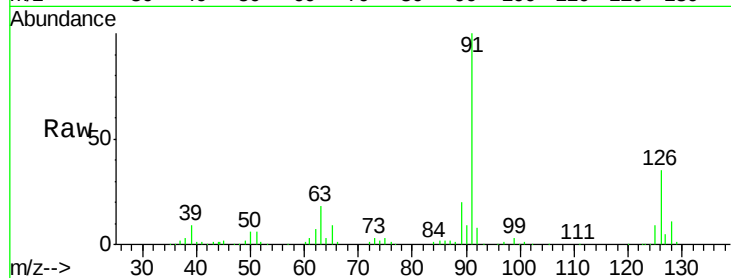




#79
 2-Chlorotoluene
 Concen: 19.45 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

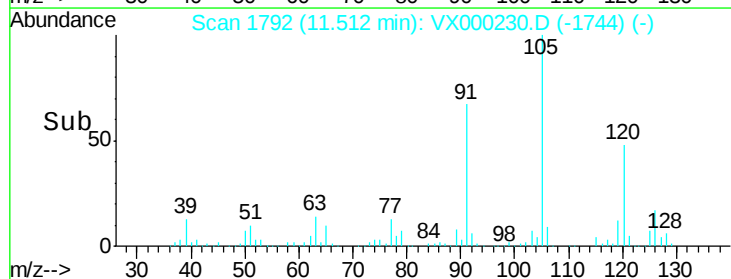
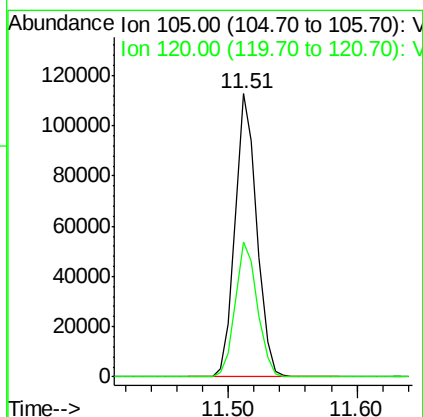
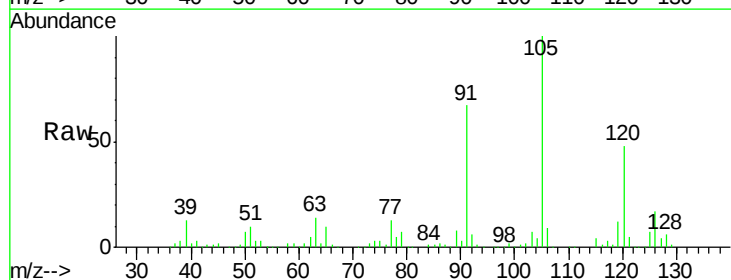
Instrument :
 MSVOA_X
 ClientSampleId :

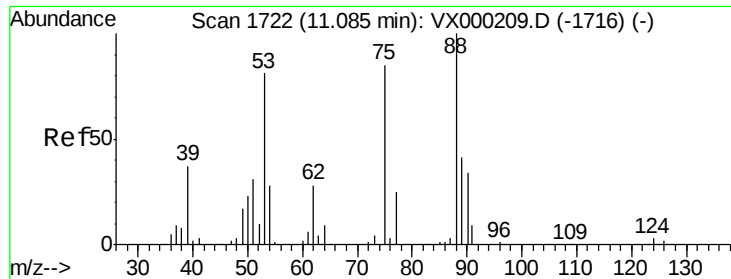
Tot Ion: 91 Resp: 105241
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 105 Resp: 133067
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.01 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

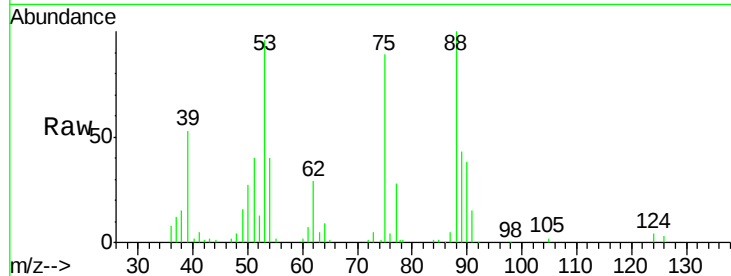
Tot Ion: 75 Resp: 14500

Ion Ratio Lower Upper

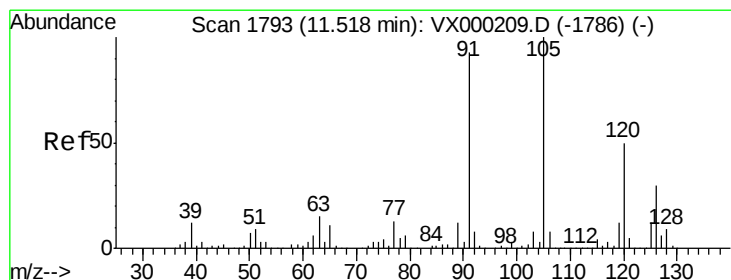
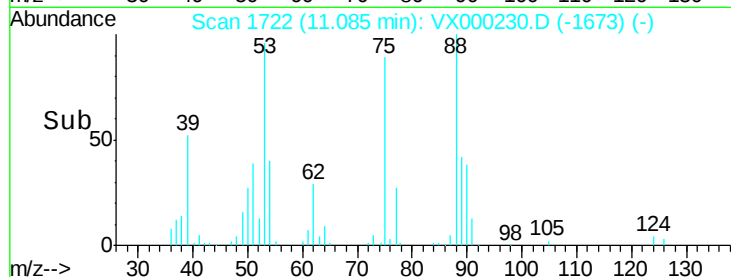
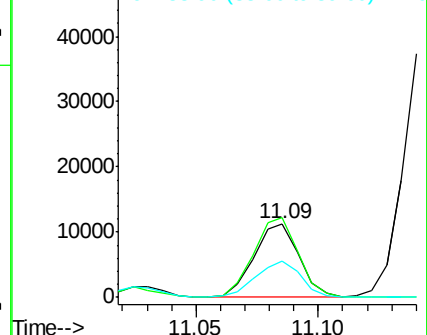
75 100

53 107.8 78.6 118.0

89 49.1 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.32 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000230.D

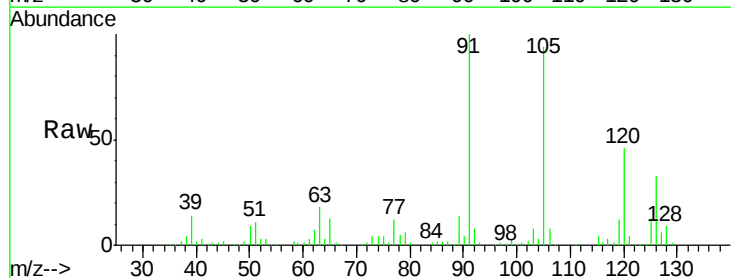
Acq: 08 Mar 2018 19:45

Tgt Ion: 91 Resp: 127124

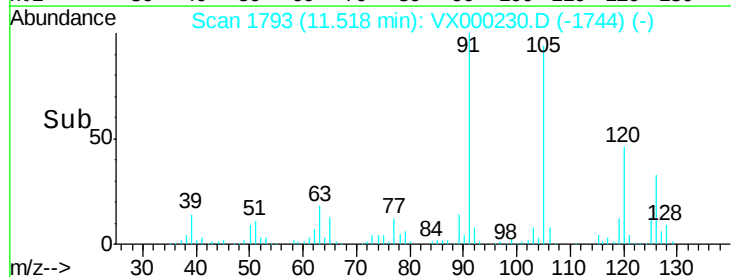
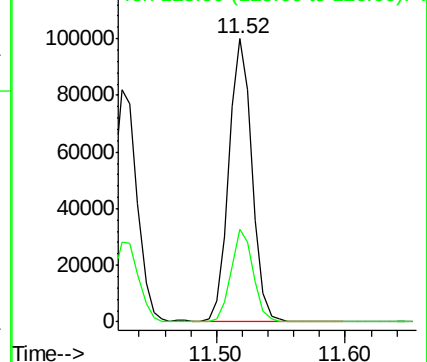
Ion Ratio Lower Upper

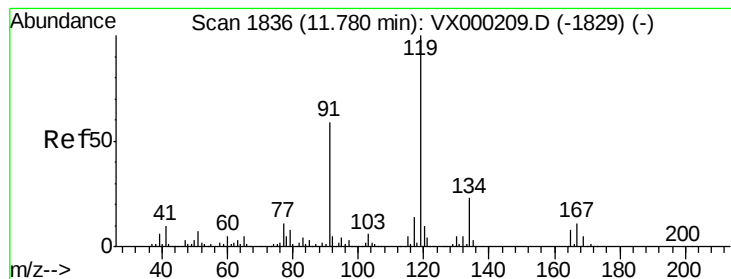
91 100

126 31.4 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.87 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

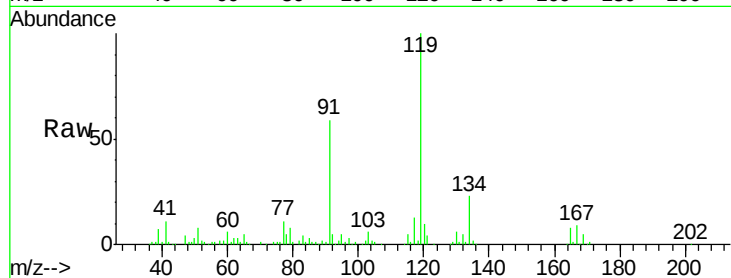
Tot Ion:119 Resp: 131571

Ion Ratio Lower Upper

119 100

91 58.6 28.9 86.7

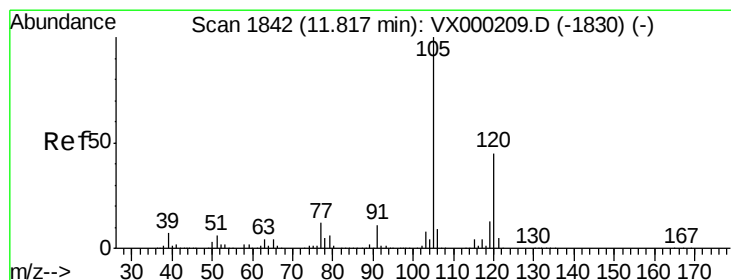
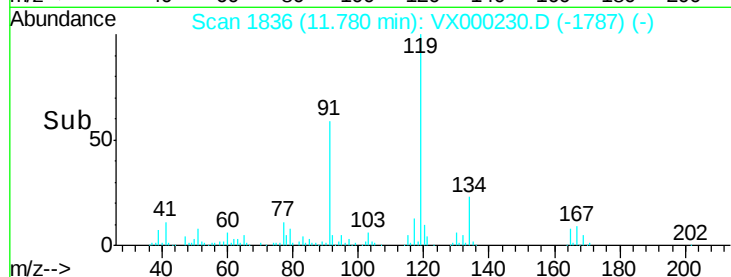
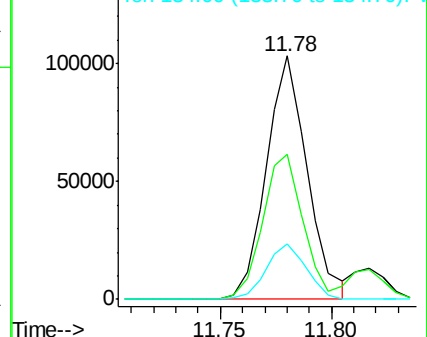
134 22.3 11.5 34.4



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: 19.59 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000230.D

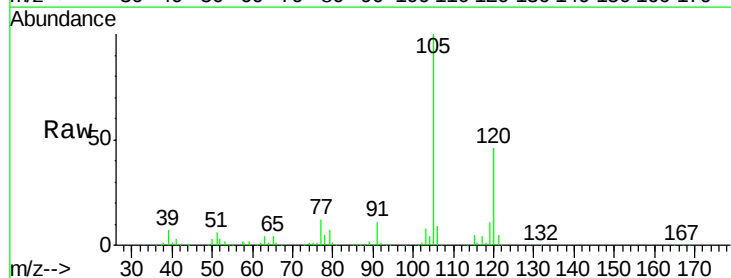
Acq: 08 Mar 2018 19:45

Tgt Ion:105 Resp: 137105

Ion Ratio Lower Upper

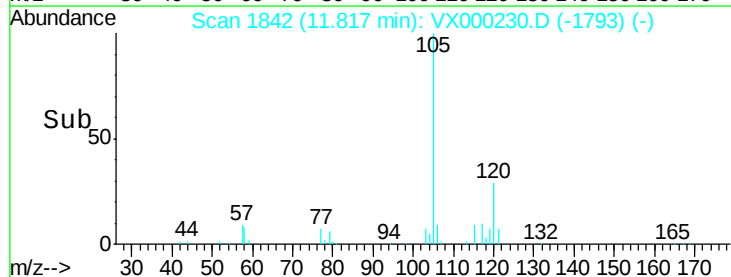
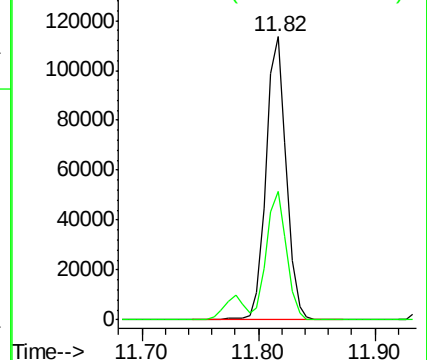
105 100

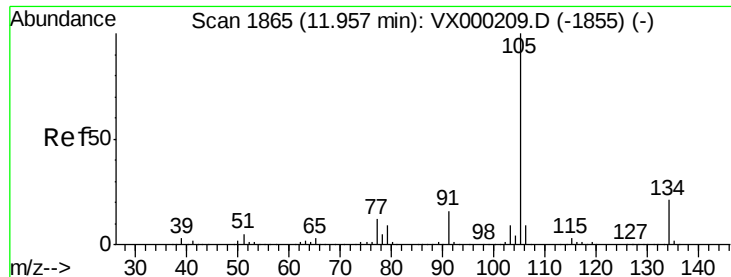
120 45.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.78 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

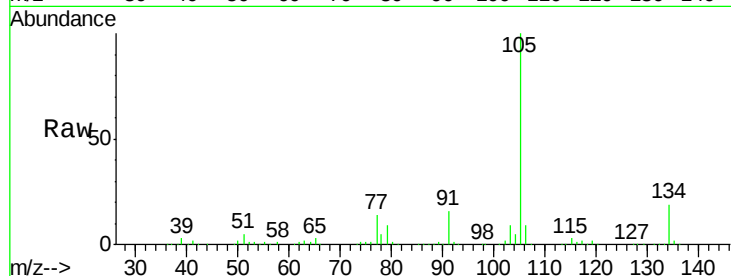
ClientSampled :

Tot Ion:105 Resp: 165695

Ion Ratio Lower Upper

105 100

134 19.8 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

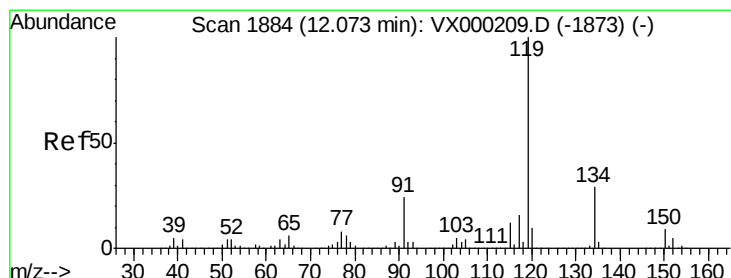
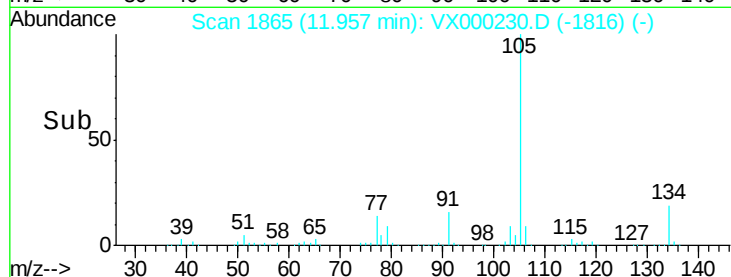
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

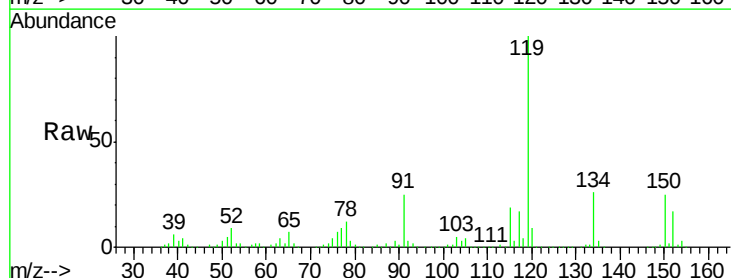
Tgt Ion:119 Resp: 145939

Ion Ratio Lower Upper

119 100

134 26.1 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

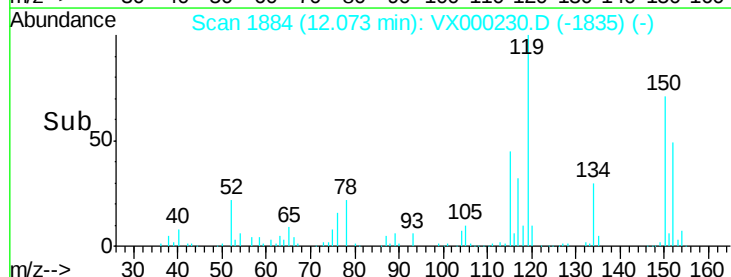
150000

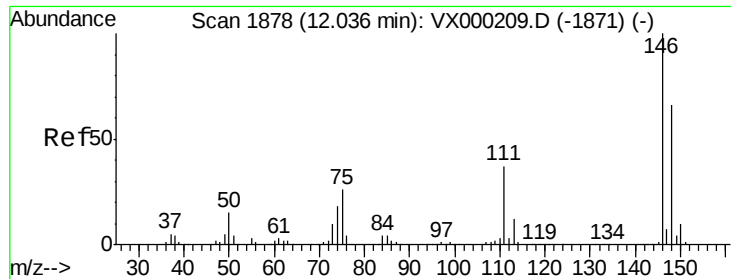
100000

50000

0

Time-->

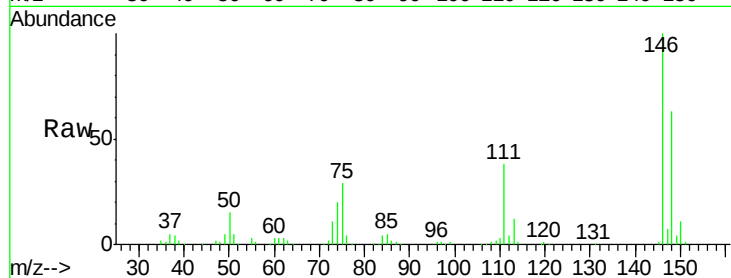




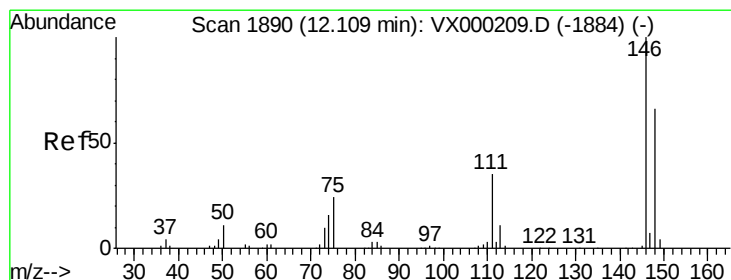
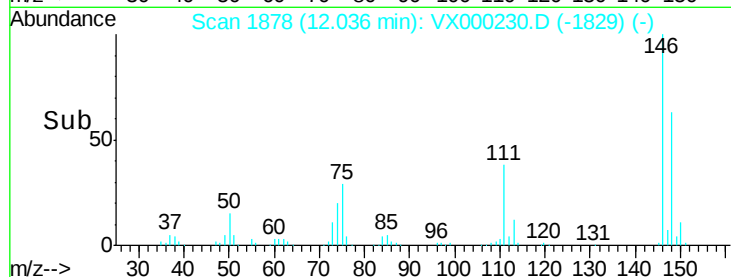
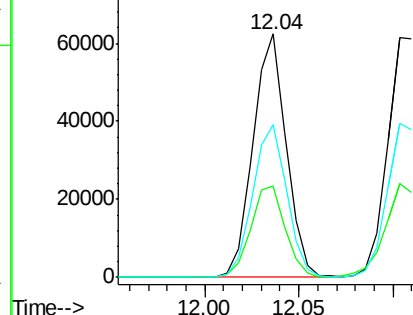
#87
 1,3-Dichlorobenzene
 Concen: 19.05 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 76343
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 64.1 32.1 96.3

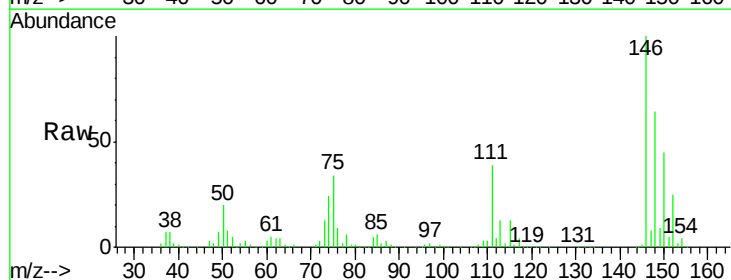


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

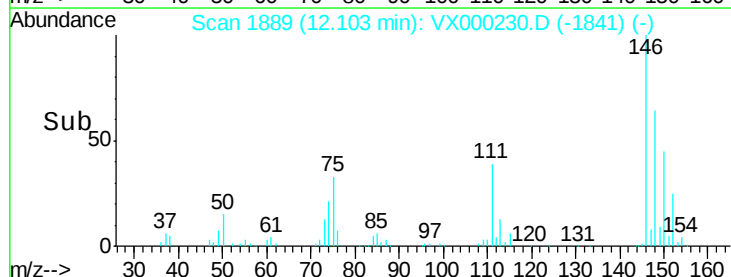
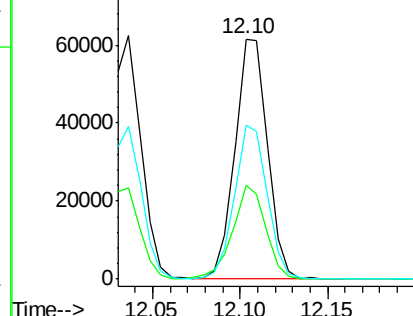


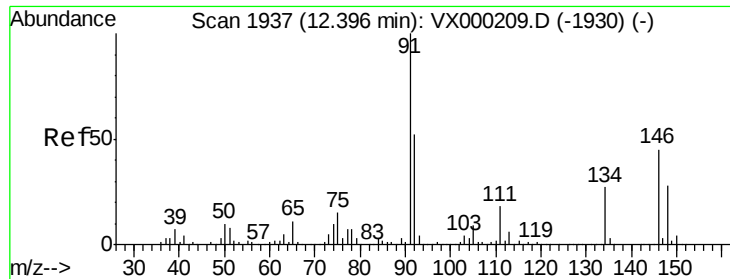
#88
 1,4-Dichlorobenzene
 Concen: 18.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion:146 Resp: 79693
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.9 56.9
 148 64.3 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: 19.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

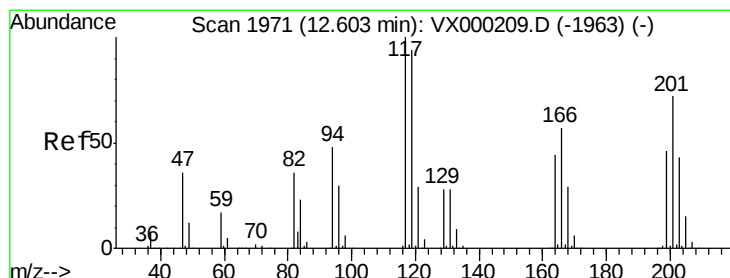
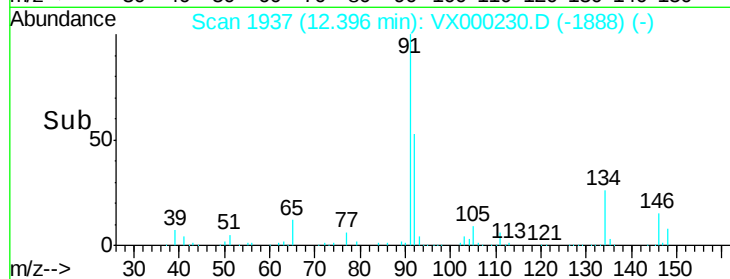
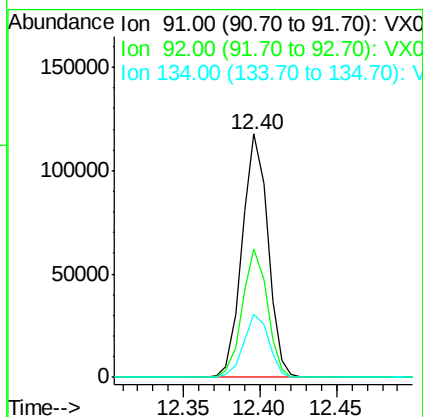
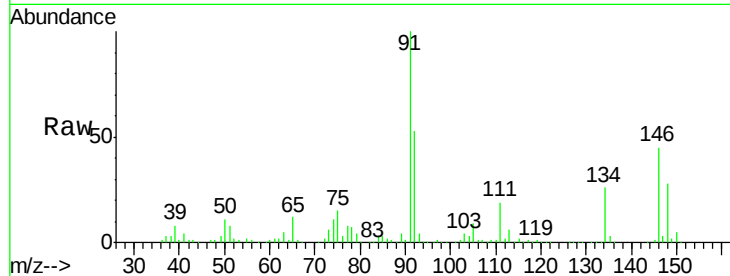
Tot Ion: 91 Resp: 137549

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.4

134 25.4 13.5 40.5



#90

Hexachloroethane

Concen: 18.17 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000230.D

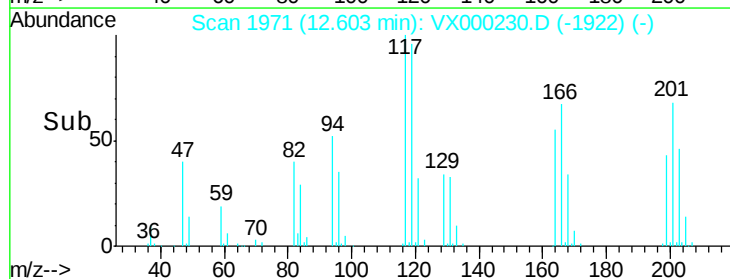
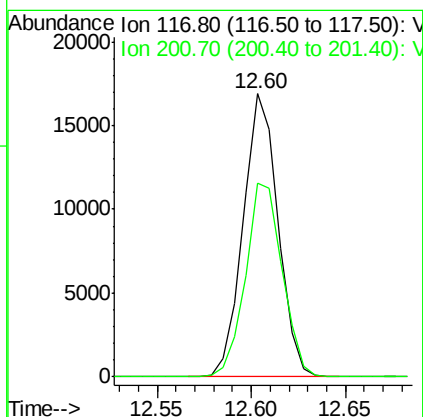
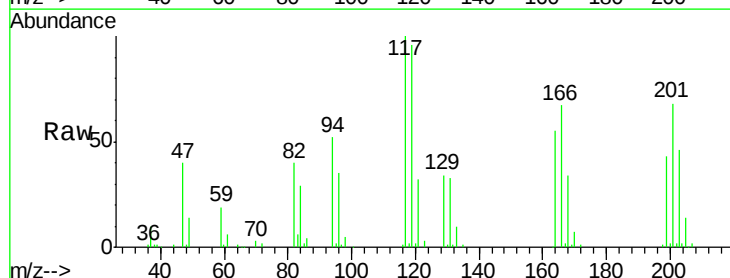
Acq: 08 Mar 2018 19:45

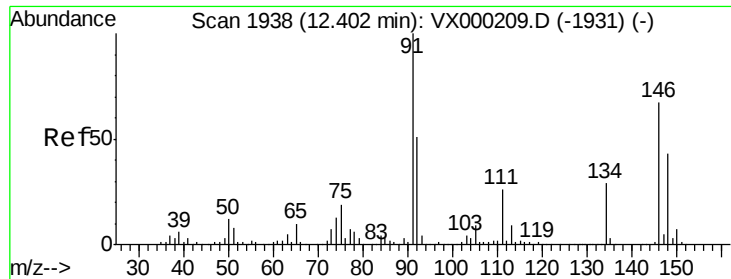
Tgt Ion: 117 Resp: 21629

Ion Ratio Lower Upper

117 100

201 72.3 38.2 114.6

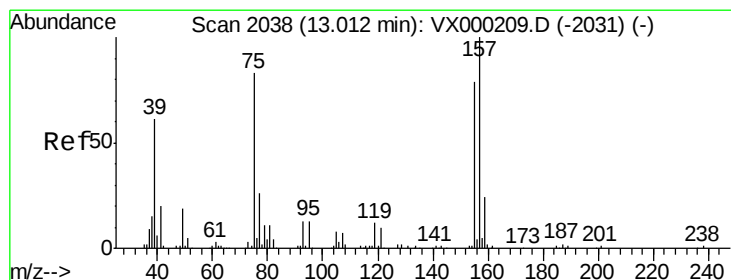
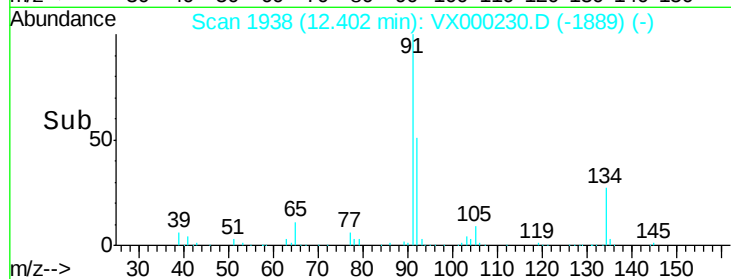
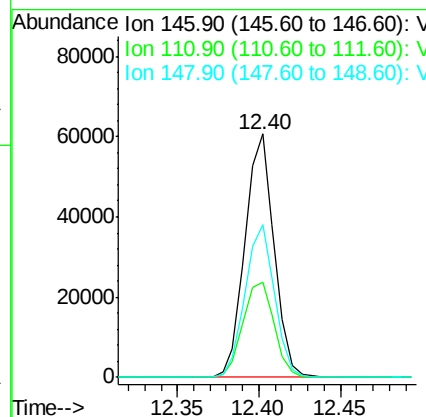
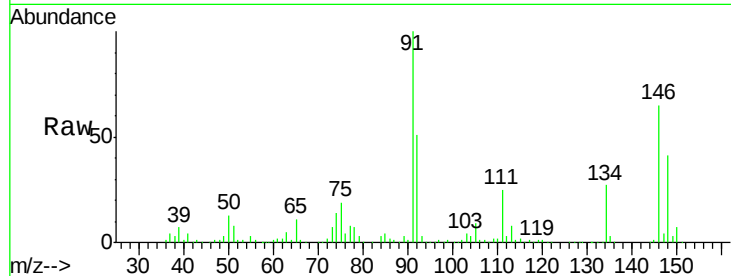




#91
 1,2-Dichlorobenzene
 Concen: 18.99 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

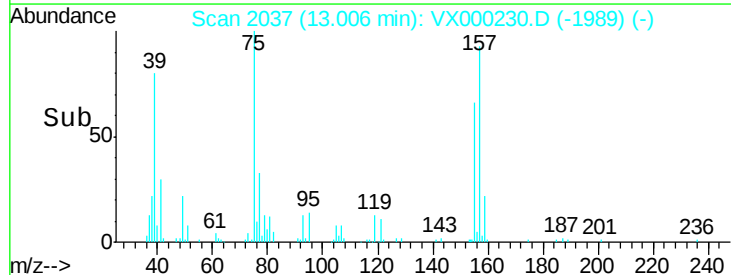
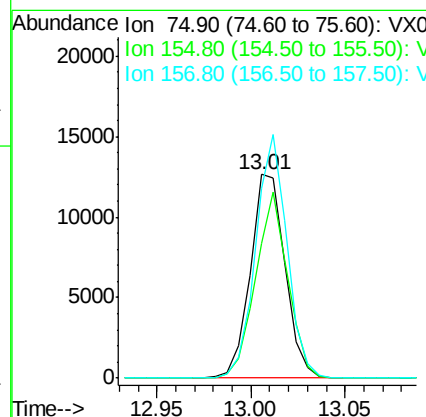
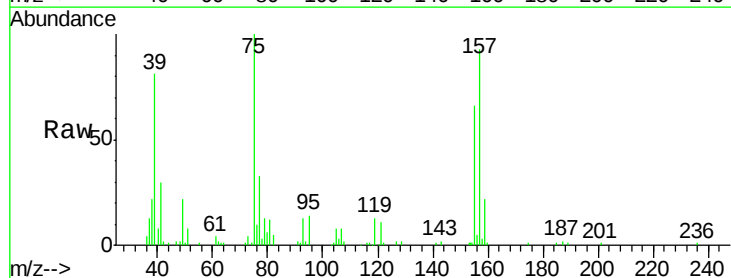
Instrument :
 MSVOA_X
 ClientSampleId :

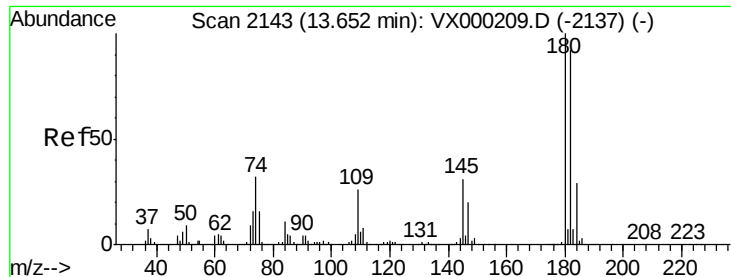
Tot Ion:146 Resp: 75333
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.7 59.0
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 75 Resp: 16136
 Ion Ratio Lower Upper
 75 100
 155 84.3 45.5 136.5
 157 107.7 58.6 175.8

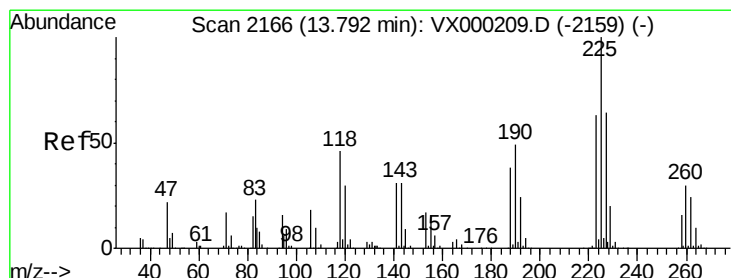
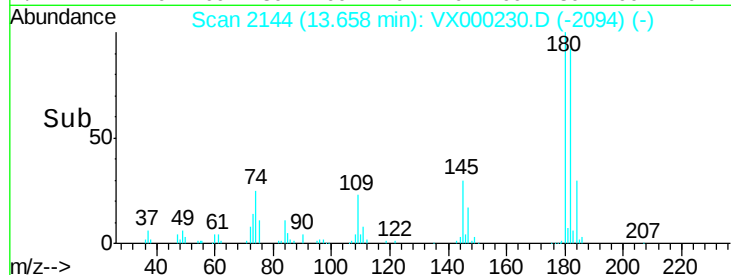
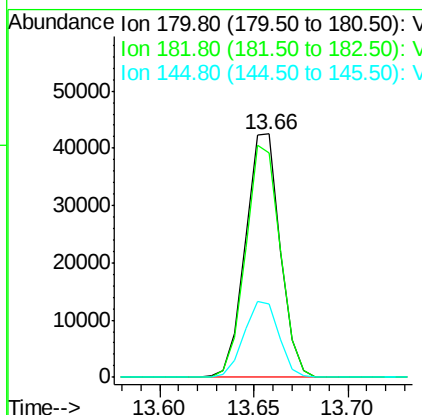
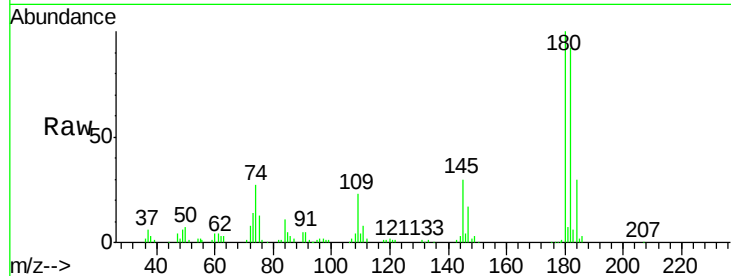




#93
 1,2,4-Trichlorobenzene
 Concen: 18.81 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

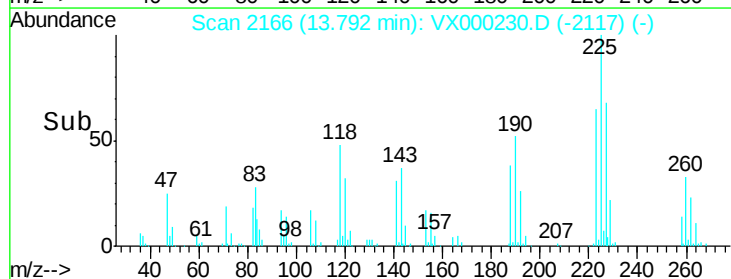
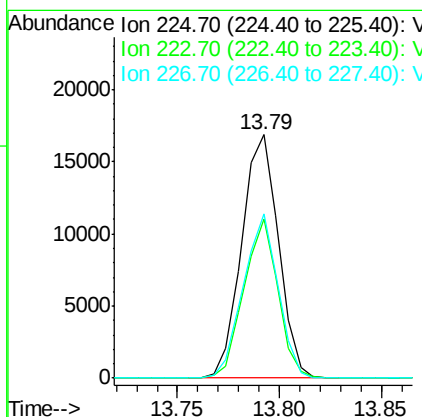
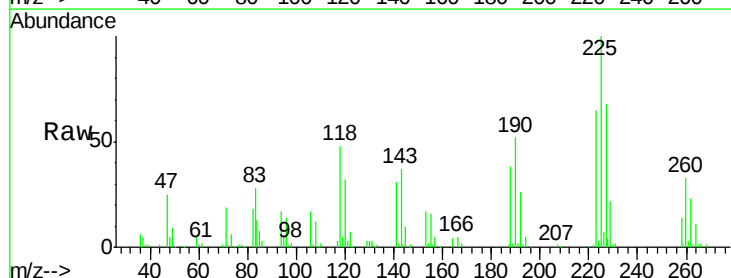
Instrument :
 MSVOA_X
 ClientSampled :

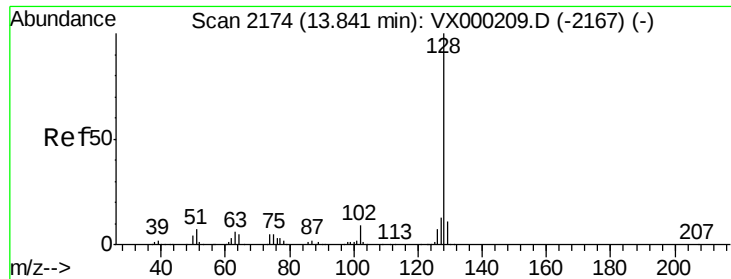
Tot Ion:180 Resp: 54294
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.0 141.0
 145 31.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 17.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion:225 Resp: 21111
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.8 95.3
 227 64.2 31.9 95.5

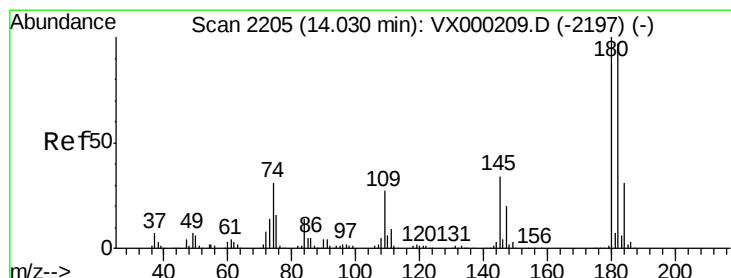
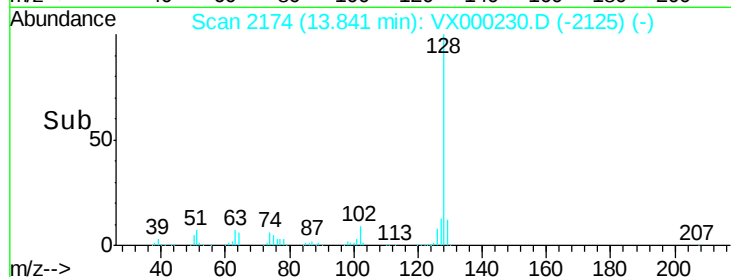
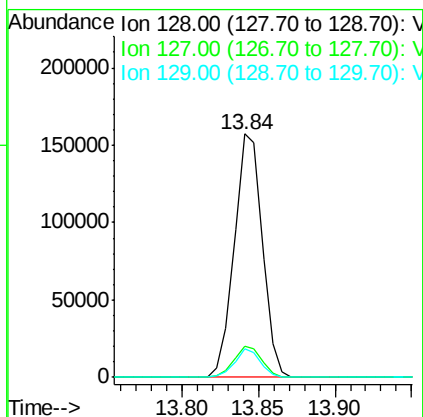
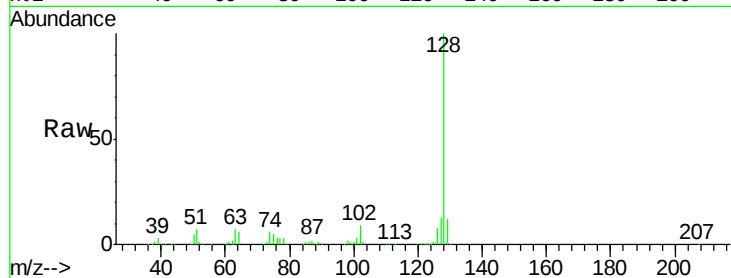




#95
Naphthalene
Concen: 19.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 199546
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.70 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:180 Resp: 53388
Ion Ratio Lower Upper
180 100
182 98.6 48.0 144.0
145 32.4 16.3 48.8

