

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000818.D
 Acq On : 12 Apr 2018 22:55
 Operator : JC/MD
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Quant Time: Apr 13 06:58:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	162398	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.51	113	136530	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.72	98	498942	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	200019	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59188	20.35	ug/l	99
3) Chloromethane	1.32	50	48287	19.36	ug/l	99
4) Vinyl Chloride	1.40	62	57070	20.35	ug/l	99
5) Bromomethane	1.65	94	27422	22.87	ug/l	99
6) Chloroethane	1.73	64	35070	20.63	ug/l	97
7) Trichlorofluoromethane	1.93	101	85175	20.13	ug/l	97
8) Diethyl Ether	2.20	74	32670	20.67	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49950	20.02	ug/l	99
10) Methyl Iodide	2.51	142	18317	16.11	ug/l	99
11) Tert butyl alcohol	3.08	59	58315	101.11	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47879	20.25	ug/l	97
13) Acrolein	2.30	56	17223	61.49	ug/l	100
14) Allyl chloride	2.73	41	86307	19.74	ug/l	98
15) Acrylonitrile	3.15	53	133866	108.86	ug/l	100
16) Acetone	2.45	43	108576	96.92	ug/l	98
17) Carbon Disulfide	2.57	76	128394	17.93	ug/l	98
18) Methyl Acetate	2.79	43	66144	22.82	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	163751	20.79	ug/l	97
20) Methylene Chloride	2.86	84	51881	19.91	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51374	19.70	ug/l	97
22) Diisopropyl ether	3.88	45	172997	21.53	ug/l	96
23) Vinyl Acetate	3.83	43	748159	106.04	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96347	21.37	ug/l	99
25) 2-Butanone	4.71	43	195112	105.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75664	16.91	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	60399	20.41	ug/l	98
28) Bromochloromethane	5.03	49	37305	20.55	ug/l	96
29) Tetrahydrofuran	5.18	42	125829	107.12	ug/l	99
30) Chloroform	5.22	83	99558	20.85	ug/l	98
31) Cyclohexane	5.59	56	83750	19.56	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	91883	20.20	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74646	19.14	ug/l	98
37) Ethyl Acetate	4.87	43	78200	20.54	ug/l	99
38) Carbon Tetrachloride	5.79	117	82645	18.93	ug/l	97

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Instrument :
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 ClientSampleId :
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	86465	18.46	ug/l	98
40) Benzene	6.15	78	216655	19.99	ug/l	98
41) Methacrylonitrile	5.07	41	45247	20.57	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81665	20.18	ug/l	100
43) Isopropyl Acetate	6.48	43	130591	20.01	ug/l	100
44) Trichloroethene	7.22	130	66564	19.75	ug/l	99
45) 1,2-Dichloropropane	7.53	63	56112	20.34	ug/l	97
46) Dibromomethane	7.67	93	38056	19.78	ug/l	100
47) Bromodichloromethane	7.91	83	75972	19.57	ug/l	97
48) Methyl methacrylate	7.79	41	68686	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	25296	372.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	403747	105.30	ug/l	99
52) Toluene	8.79	92	142535	19.83	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88917	19.09	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83636	18.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56682	19.86	ug/l	99
56) Ethyl methacrylate	9.19	69	87582	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93914	20.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	214300	104.18	ug/l	100
59) 2-Hexanone	9.51	43	303562	102.56	ug/l	100
60) Dibromochloromethane	9.59	129	64216	18.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61542	20.33	ug/l	100
64) Tetrachloroethene	9.34	164	66791	20.33	ug/l	99
65) Chlorobenzene	10.15	112	167510	19.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61567	19.35	ug/l	99
67) Ethyl Benzene	10.26	91	276764	19.64	ug/l	99
68) m/p-Xylenes	10.37	106	218073	39.20	ug/l	100
69) o-Xylene	10.71	106	106596	19.88	ug/l	99
70) Styrene	10.72	104	176946	19.57	ug/l	100
71) Bromoform	10.87	173	53465	18.15	ug/l #	100
73) Isopropylbenzene	11.02	105	287759	20.28	ug/l	100
74) N-amyl acetate	6.48	43	130591	20.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84729	20.57	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99066	25.68	ug/l	85
77) Bromobenzene	11.26	156	82995	19.96	ug/l	99
78) n-propylbenzene	11.37	91	323146	19.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	191355	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242447	19.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22964	16.38	ug/l	90
82) 4-Chlorotoluene	11.52	91	230849	19.94	ug/l	99
83) tert-Butylbenzene	11.77	119	248957	19.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250986	19.92	ug/l	100
85) sec-Butylbenzene	11.95	105	292917	19.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	269546	19.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	151928	19.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153971	19.52	ug/l	99
89) n-Butylbenzene	12.40	91	233585	19.27	ug/l	100
90) Hexachloroethane	12.60	117	41490	17.85	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148129	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19650	19.04	ug/l	98

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ALS Vial : 28 Sample Multiplier: 1

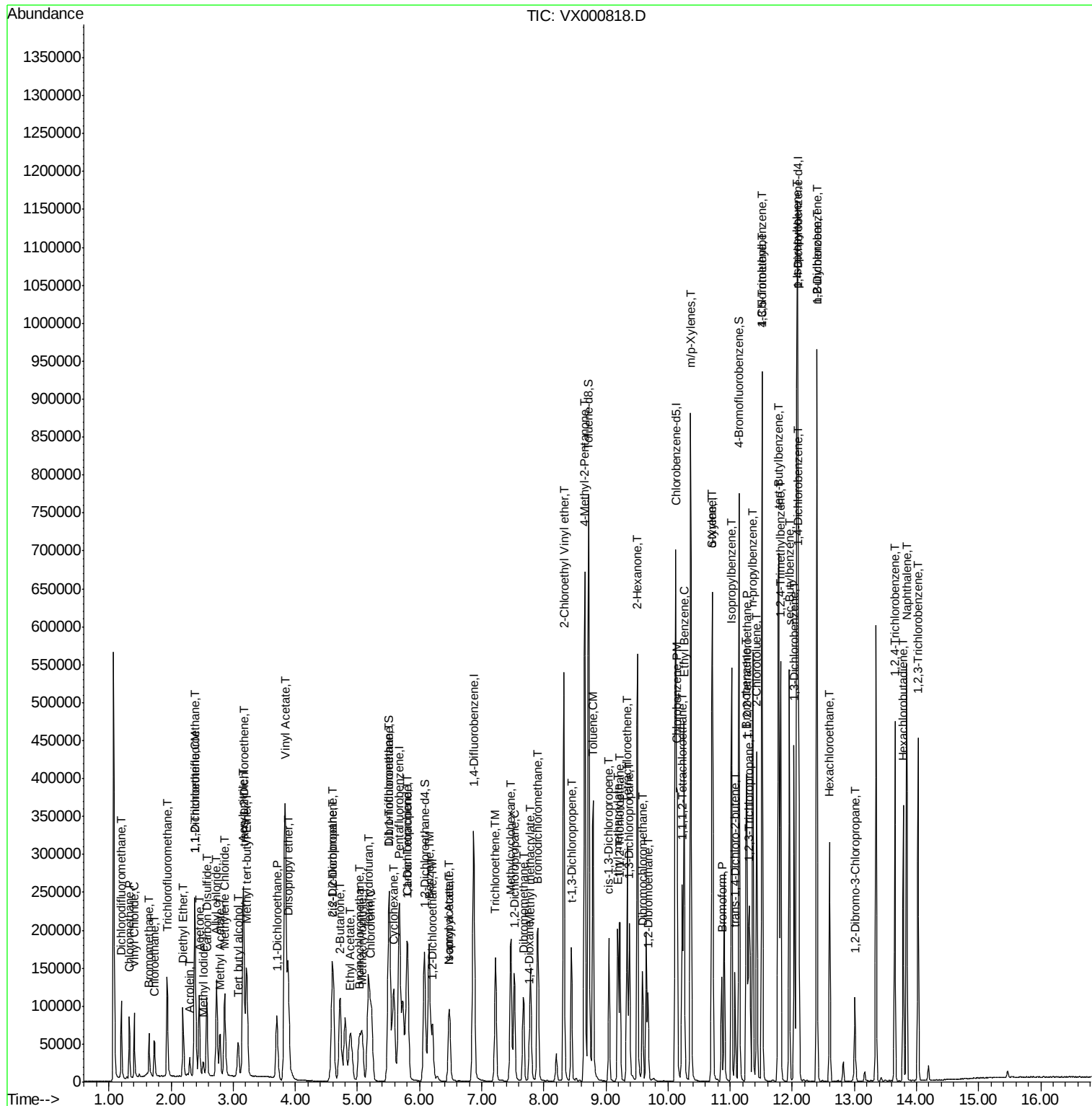
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

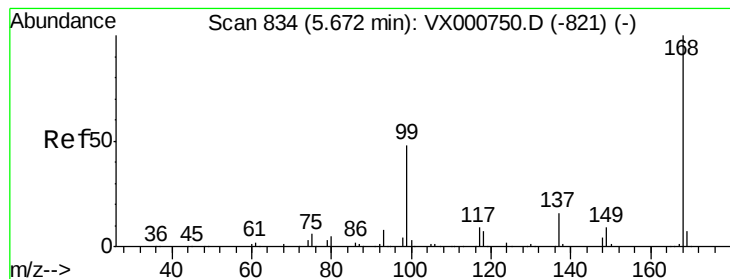
Quant Time: Apr 13 06:58:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123925	19.54	ug/l	99
94) Hexachlorobutadiene	13.79	225	59329	19.03	ug/l	100
95) Naphthalene	13.84	128	334088	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122377	19.87	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

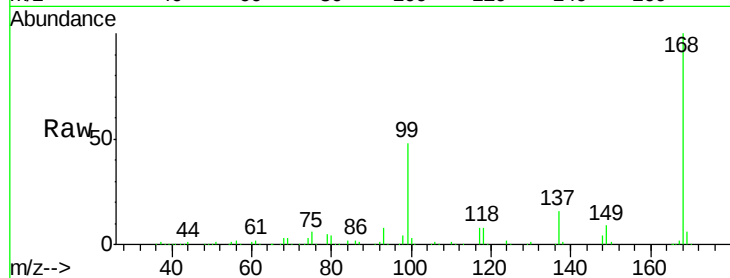
VX0412WBS02

Tgt Ion:168 Resp: 257645

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

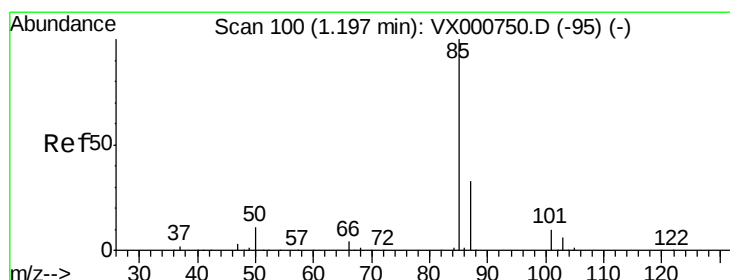
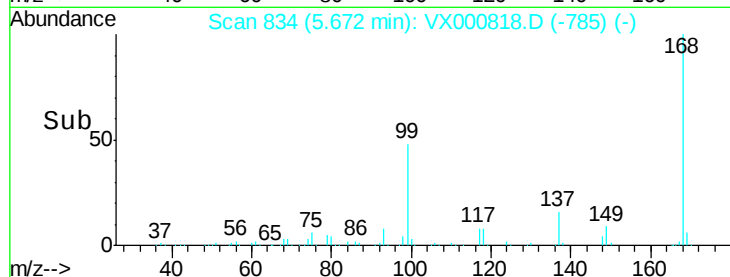
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000818.D

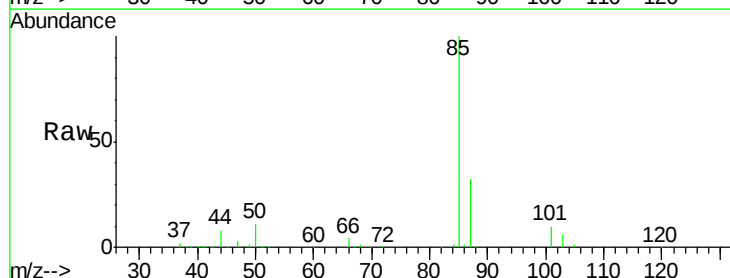
Acq: 12 Apr 2018 22:55

Tgt Ion: 85 Resp: 59188

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

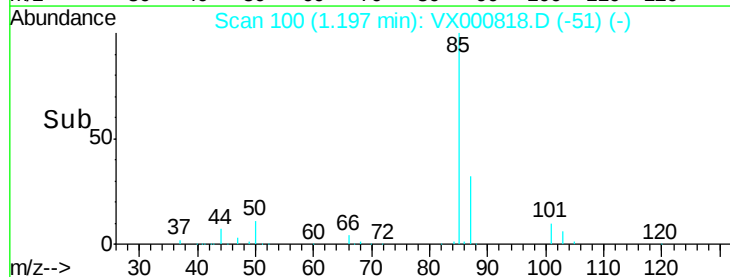
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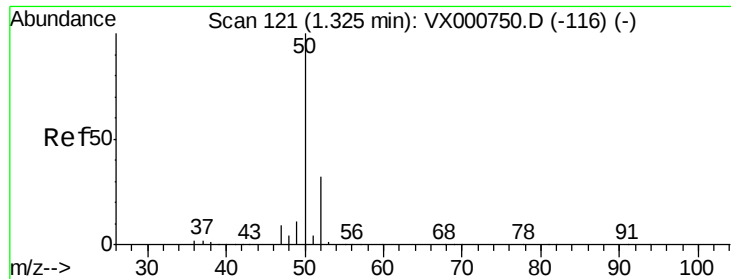
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20000

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Time-->





#3

Chloromethane

Concen: 19.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

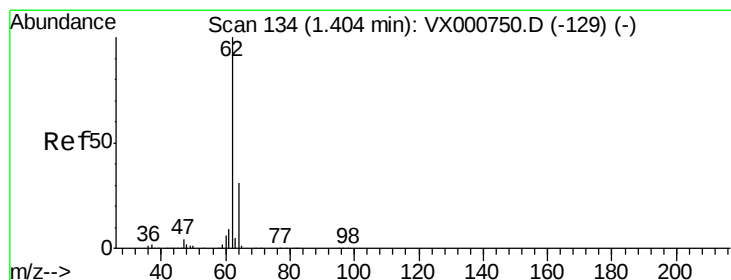
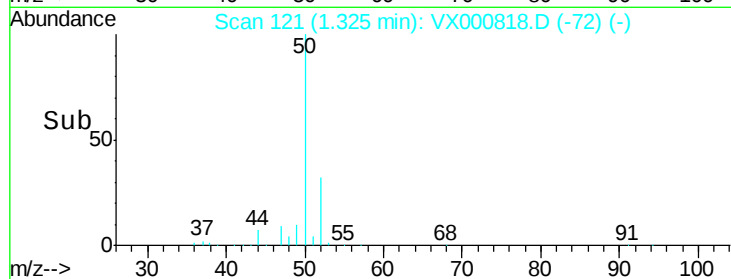
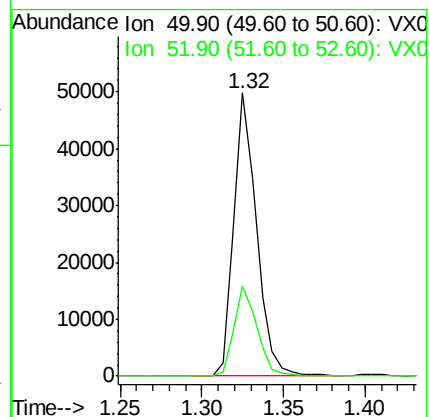
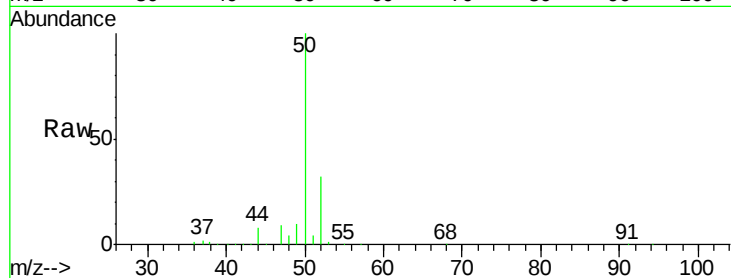
VX0412WBS02

Tgt Ion: 50 Resp: 48287

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8



#4

Vinyl Chloride

Concen: 20.35 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000818.D

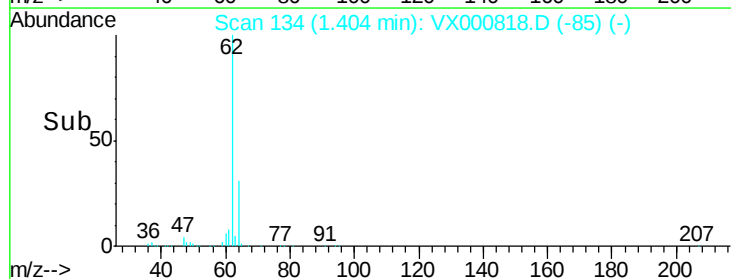
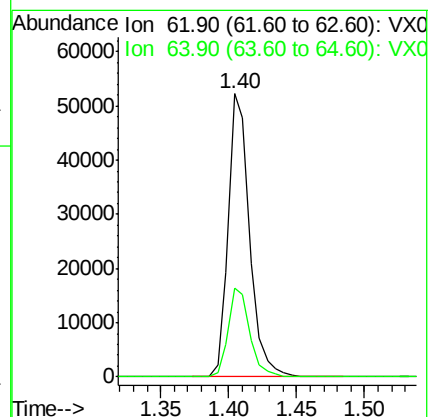
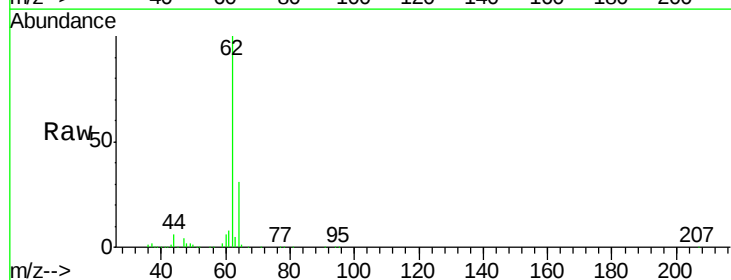
Acq: 12 Apr 2018 22:55

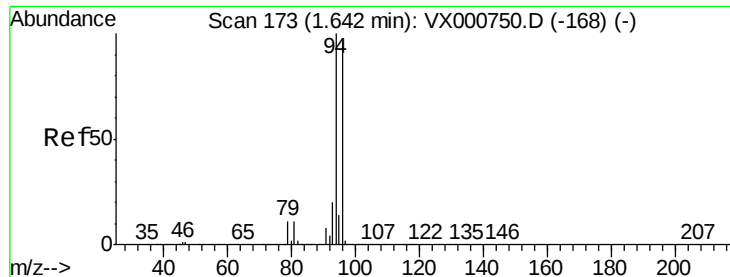
Tgt Ion: 62 Resp: 57070

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 22.87 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

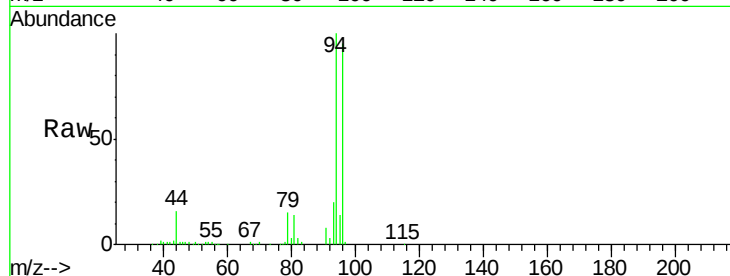
VX0412WBS02

Tgt Ion: 94 Resp: 27422

Ion Ratio Lower Upper

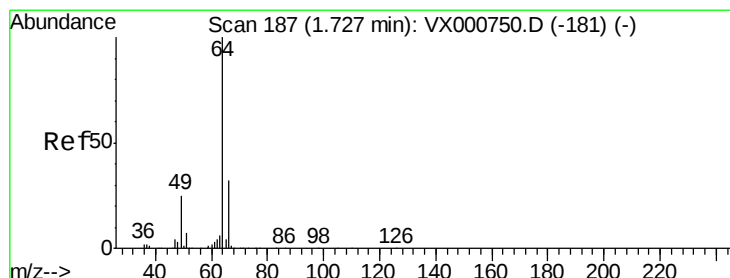
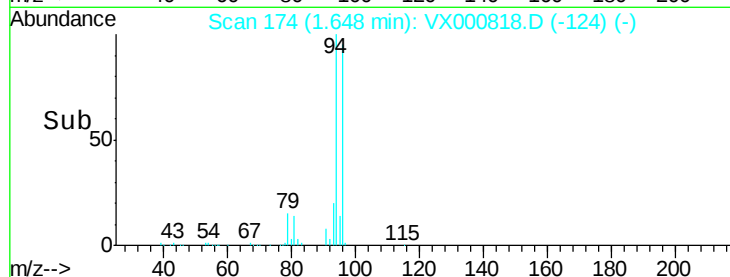
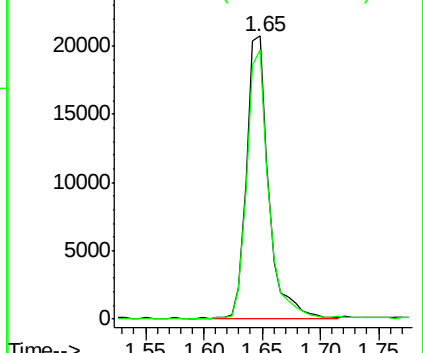
94 100

96 94.9 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.63 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000818.D

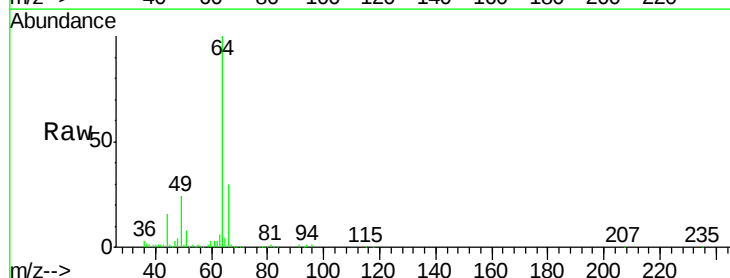
Acq: 12 Apr 2018 22:55

Tgt Ion: 64 Resp: 35070

Ion Ratio Lower Upper

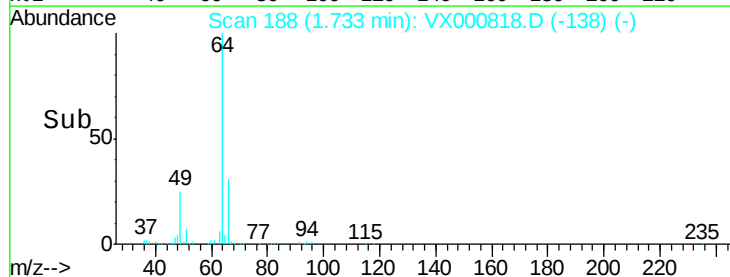
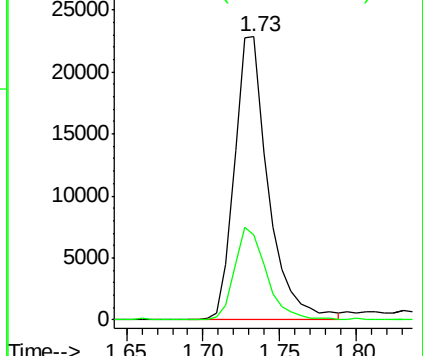
64 100

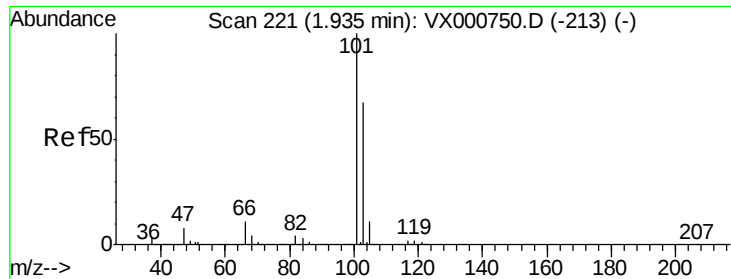
66 29.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



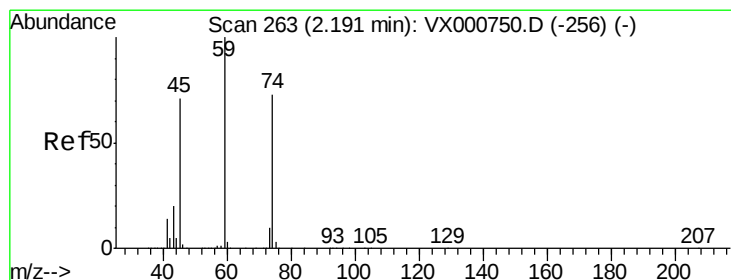
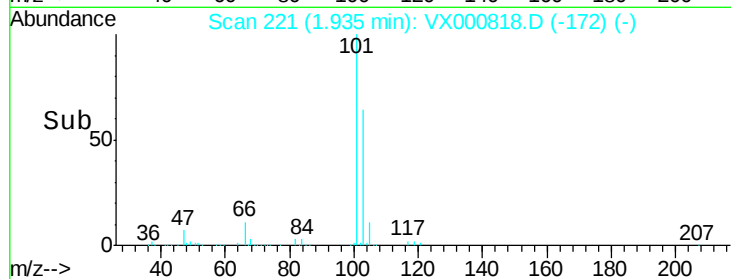
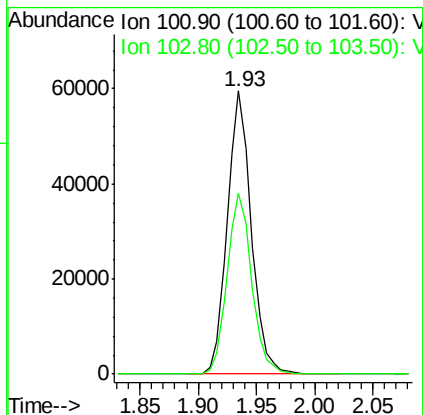
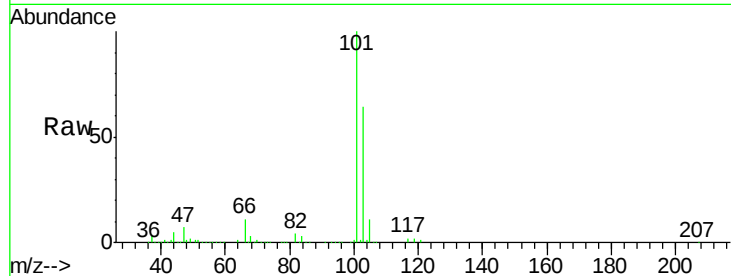


#7

Trichlorofluoromethane
 Concen: 20.13 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

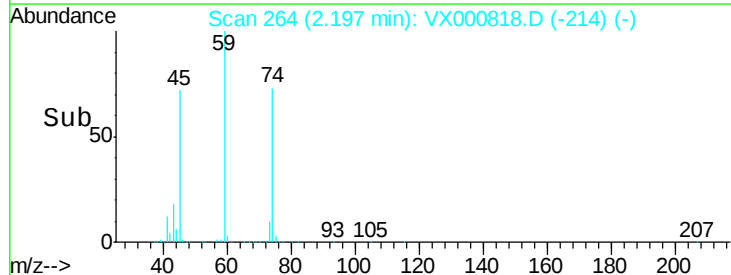
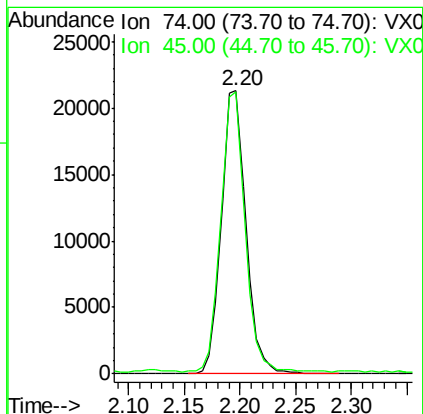
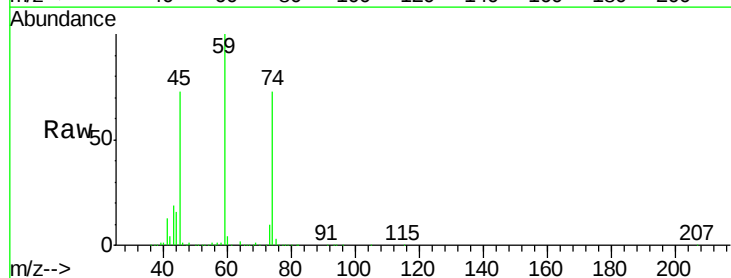
Tgt Ion:101 Resp: 85175
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.2 79.8

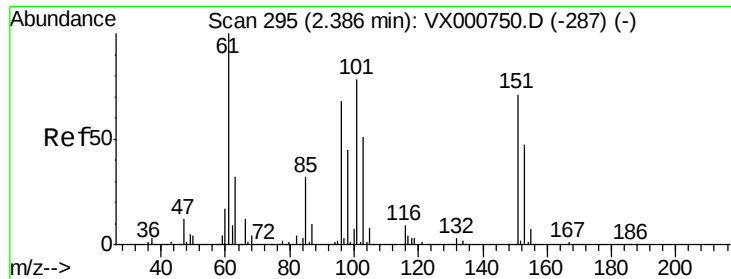


#8

Diethyl Ether
 Concen: 20.67 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion: 74 Resp: 32670
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.02 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

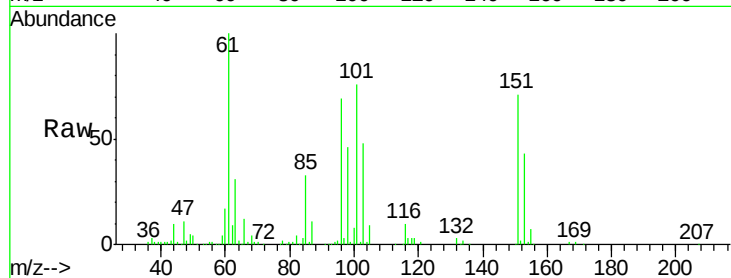
Tgt Ion:101 Resp: 49950

Ion Ratio Lower Upper

101 100

85 41.9 34.0 51.0

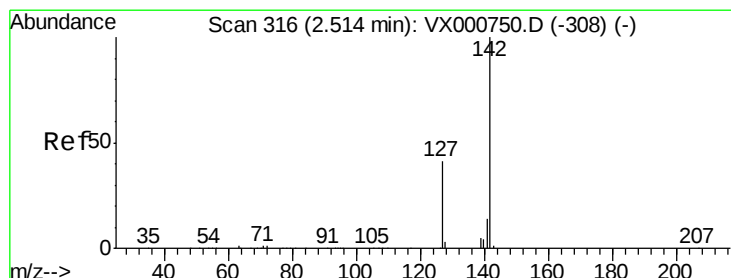
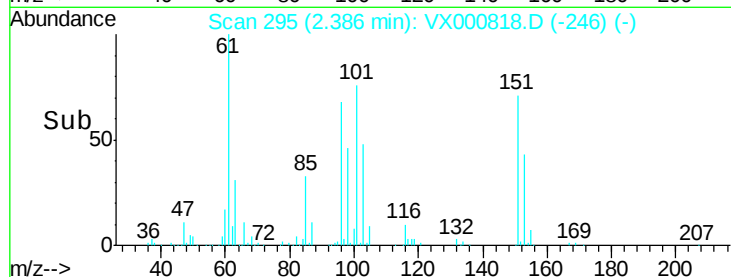
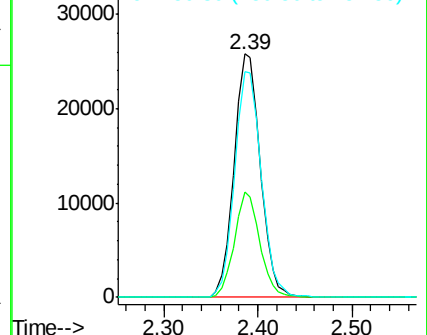
151 94.5 75.8 113.8



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: 16.11 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

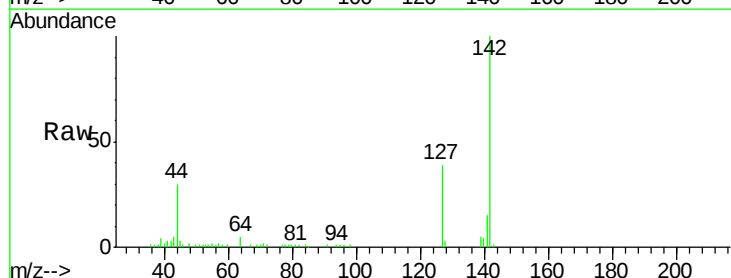
Tgt Ion:142 Resp: 18317

Ion Ratio Lower Upper

142 100

127 41.1 32.6 49.0

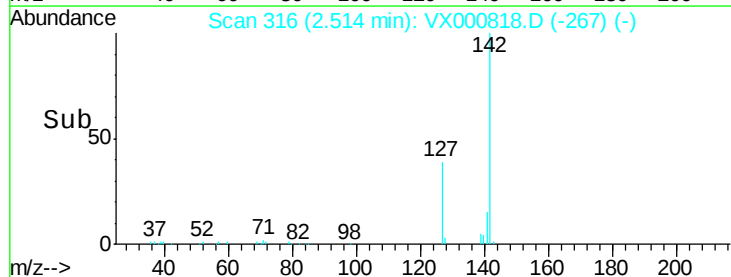
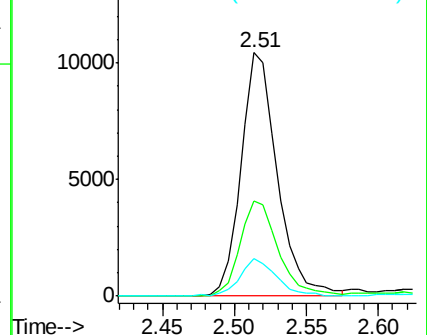
141 15.4 11.5 17.3

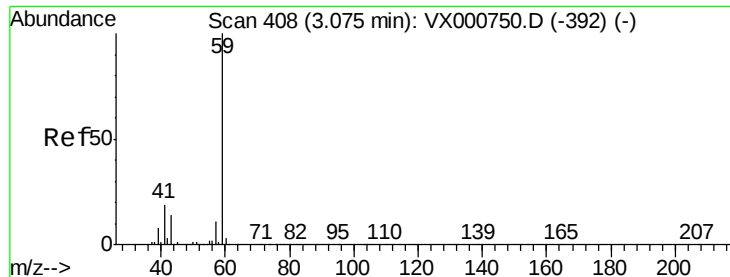


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



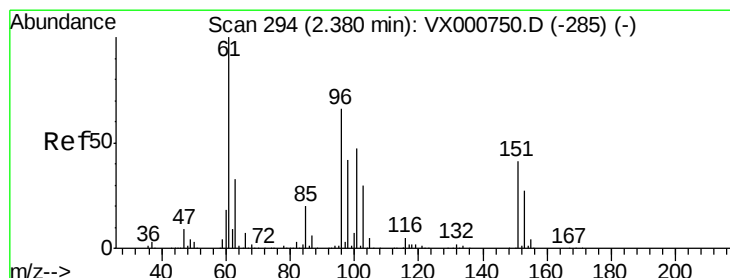
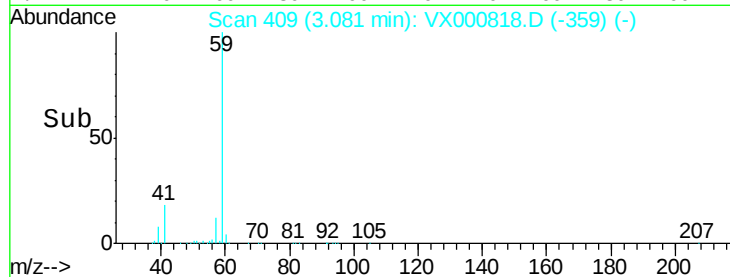
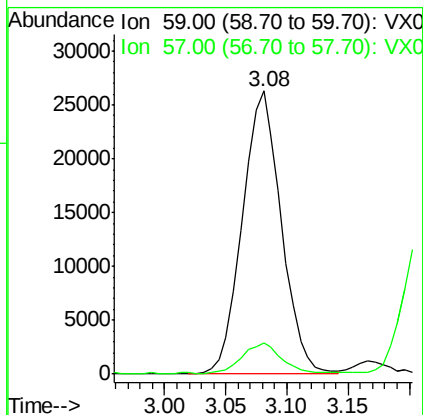
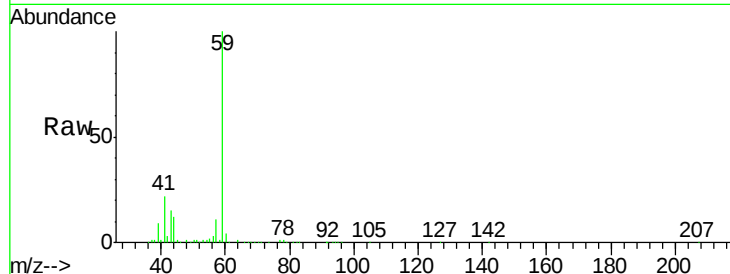


#11

Tert butyl alcohol
 Concen: 101.11 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

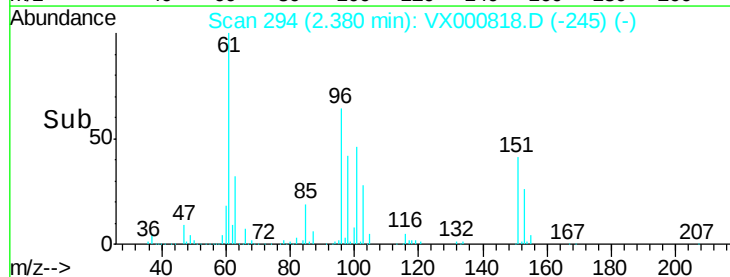
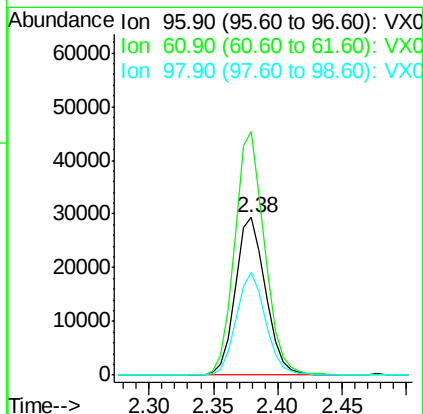
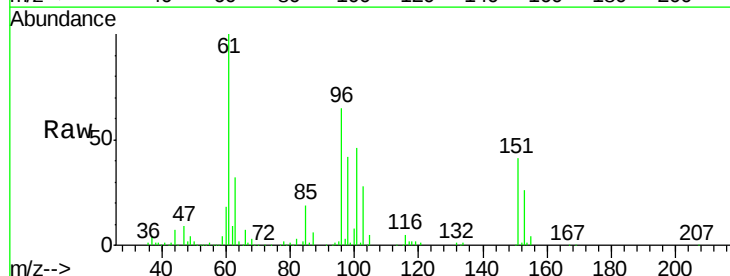
Tgt Ion: 59 Resp: 58315
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

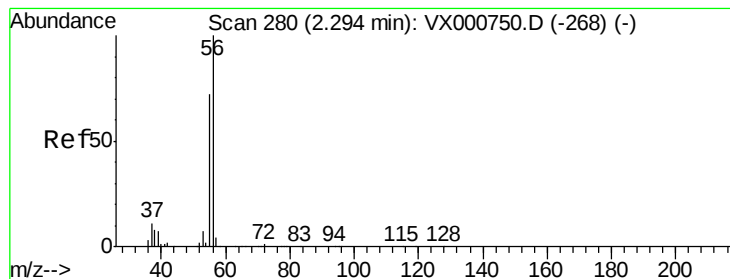


#12

1,1-Dichloroethene
 Concen: 20.25 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion: 96 Resp: 47879
 Ion Ratio Lower Upper
 96 100
 61 154.8 120.5 180.7
 98 65.5 50.9 76.3





#13

Acrolein

Concen: 61.49 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

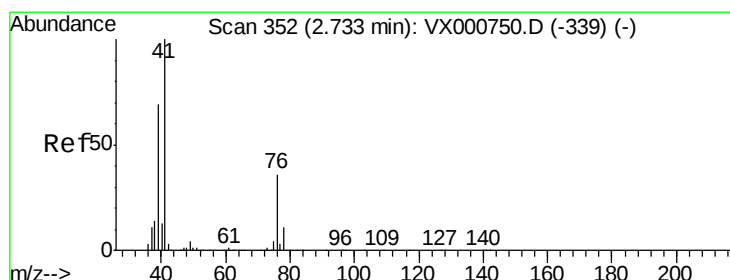
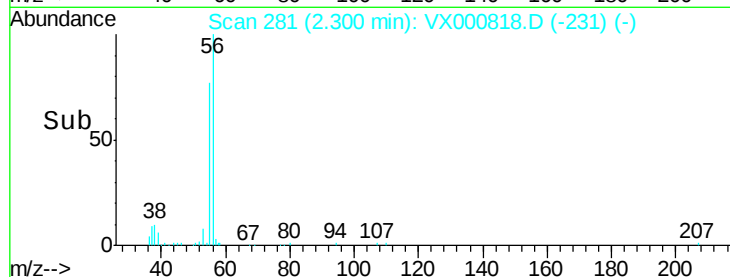
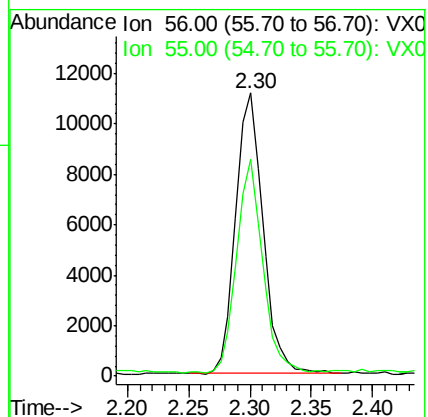
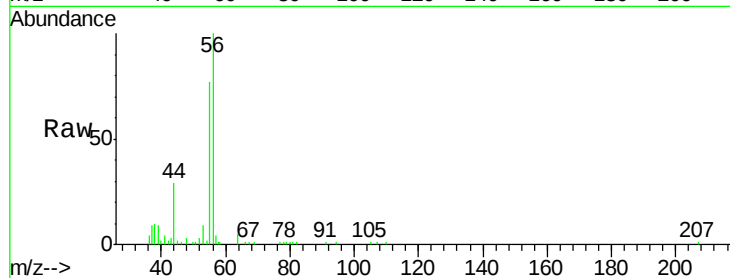
VX0412WBS02

Tgt Ion: 56 Resp: 17223

Ion Ratio Lower Upper

56 100

55 73.0 58.7 88.1



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

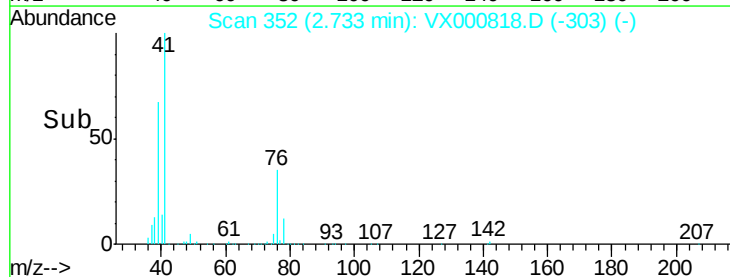
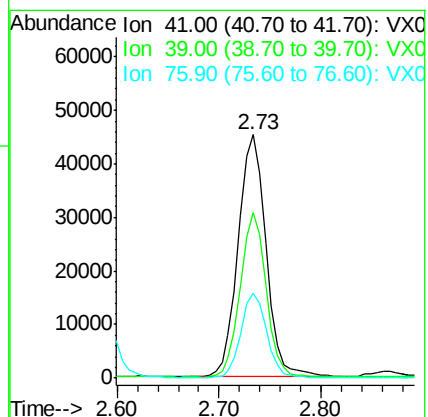
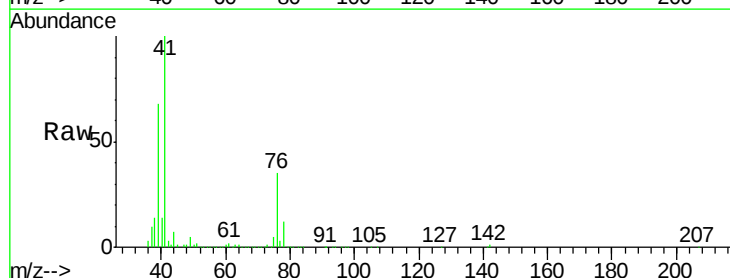
Tgt Ion: 41 Resp: 86307

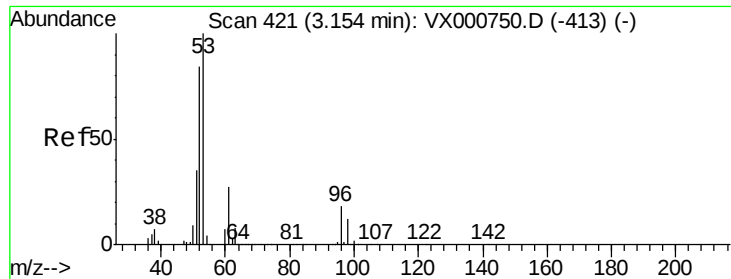
Ion Ratio Lower Upper

41 100

39 62.6 51.5 77.3

76 32.4 26.5 39.7





#15

Acrylonitrile

Concen: 108.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

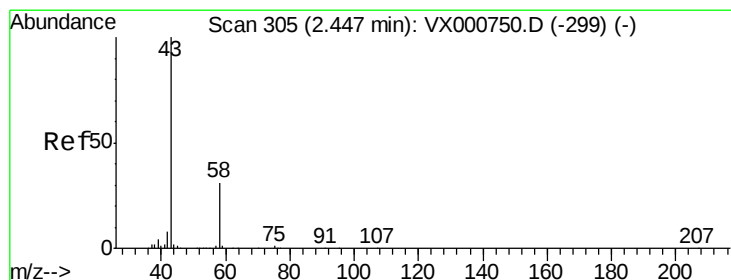
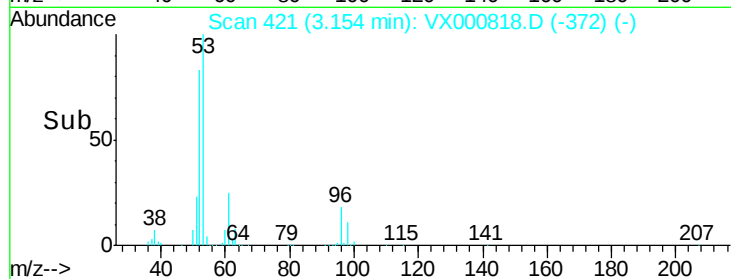
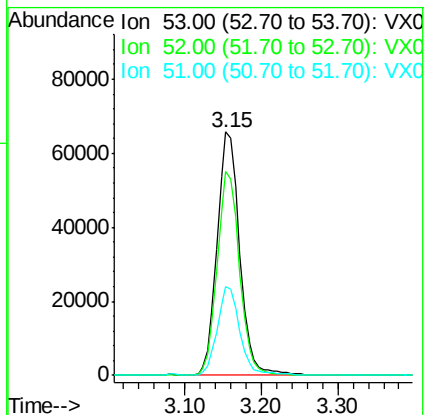
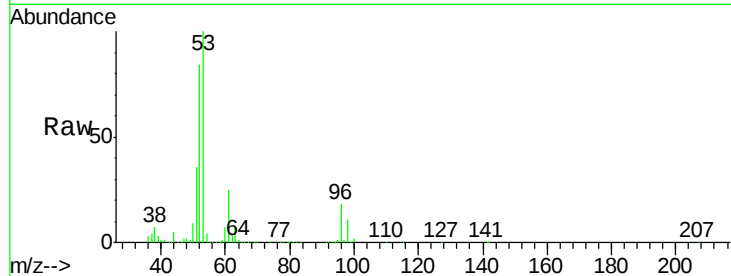
Tgt Ion: 53 Resp: 133866

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 36.3 28.8 43.2



#16

Acetone

Concen: 96.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000818.D

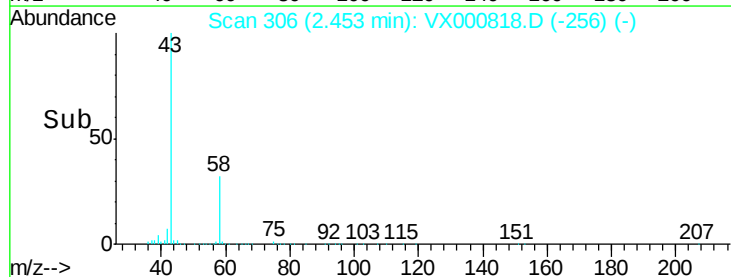
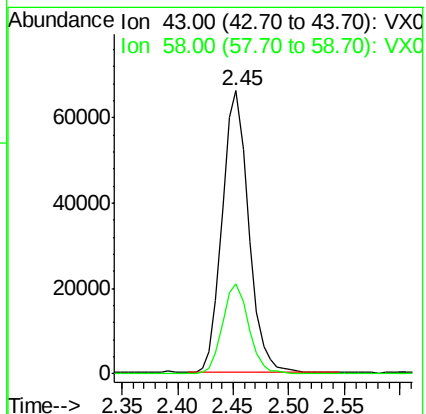
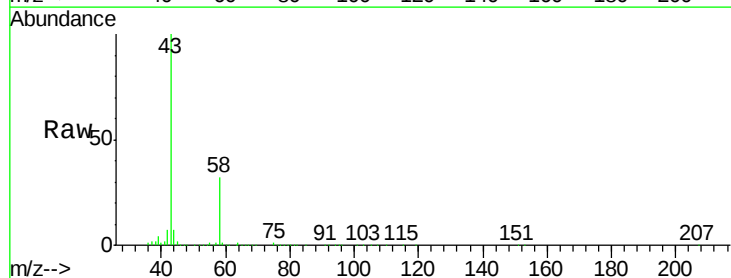
Acq: 12 Apr 2018 22:55

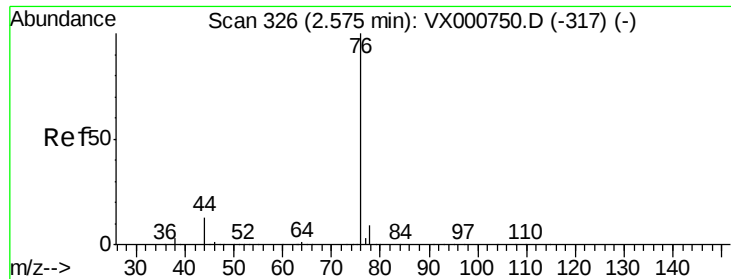
Tgt Ion: 43 Resp: 108576

Ion Ratio Lower Upper

43 100

58 31.7 24.6 37.0





#17

Carbon Disulfide

Concen: 17.93 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

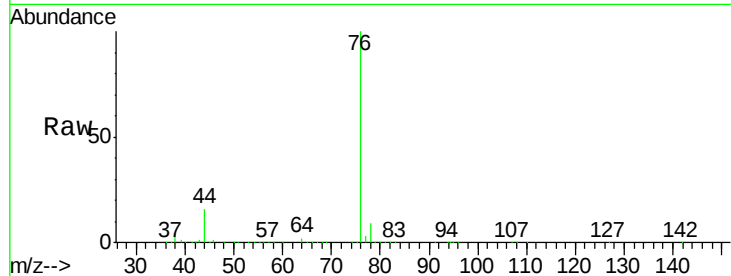
VX0412WBS02

Tgt Ion: 76 Resp: 128394

Ion Ratio Lower Upper

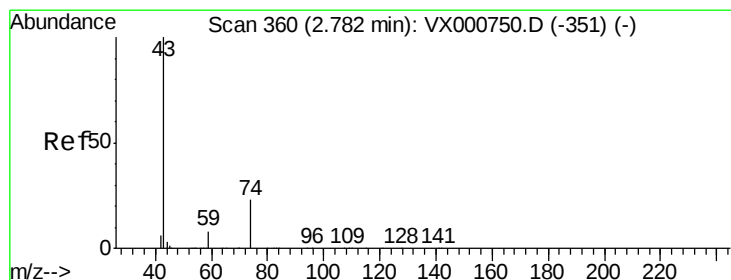
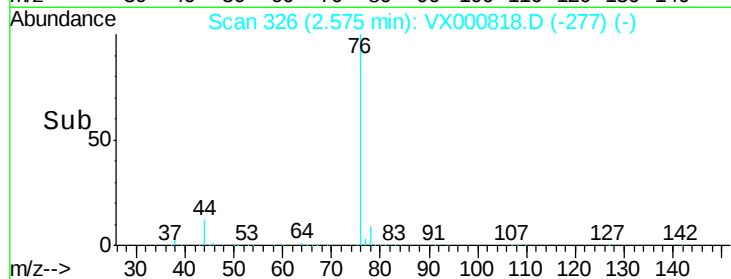
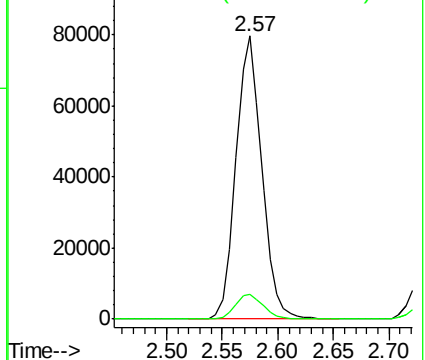
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.82 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000818.D

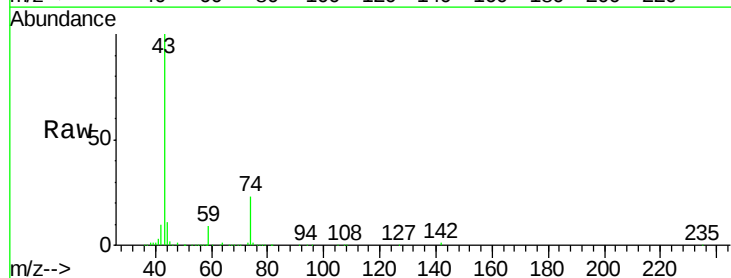
Acq: 12 Apr 2018 22:55

Tgt Ion: 43 Resp: 66144

Ion Ratio Lower Upper

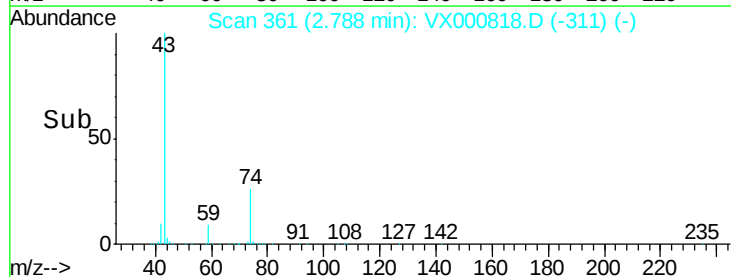
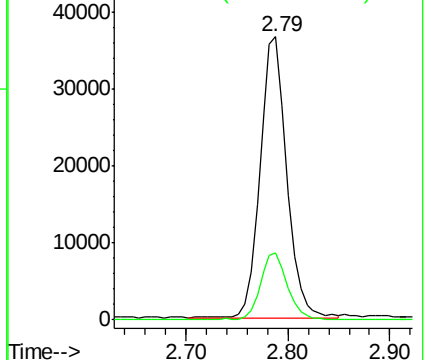
43 100

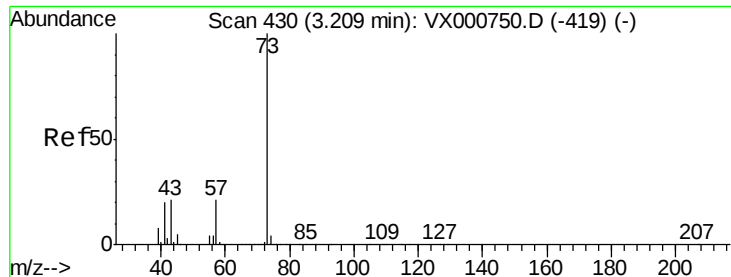
74 24.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.79 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

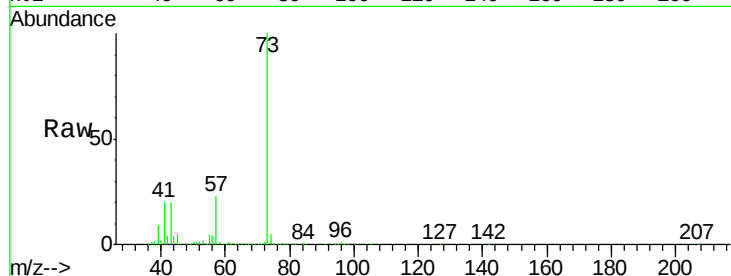
VX0412WBS02

Tgt Ion: 73 Resp: 163751

Ion Ratio Lower Upper

73 100

57 22.5 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

60000

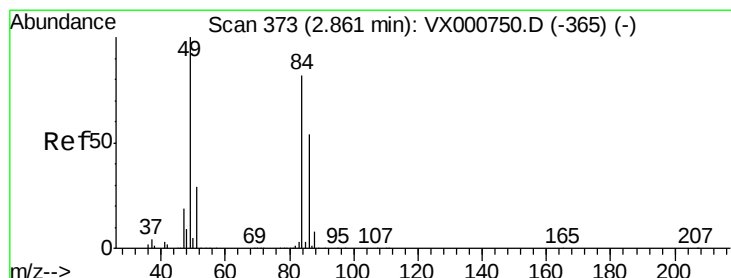
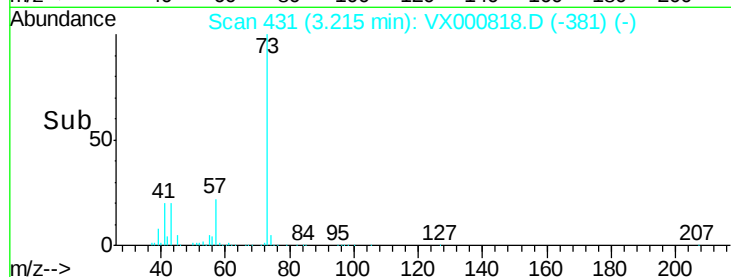
40000

20000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 19.91 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion: 84 Resp: 51881

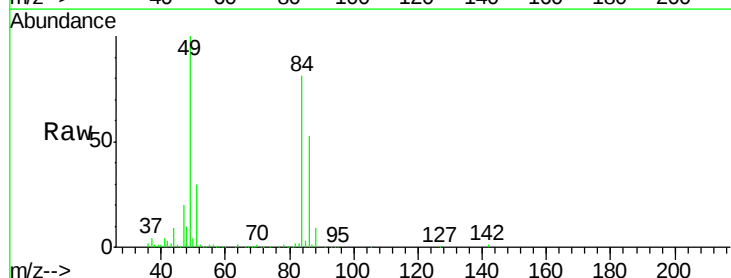
Ion Ratio Lower Upper

84 100

49 123.7 98.1 147.1

51 36.9 28.9 43.3

86 66.0 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

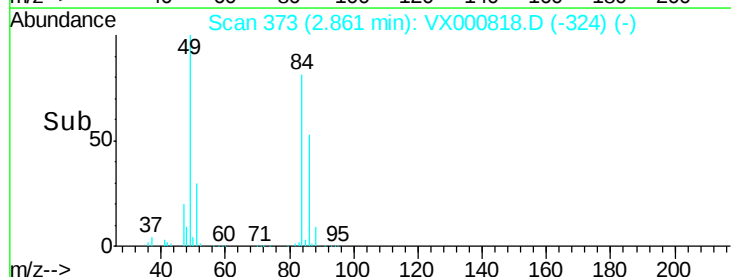
20000

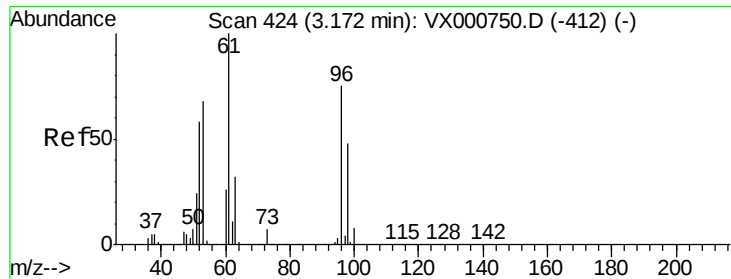
10000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

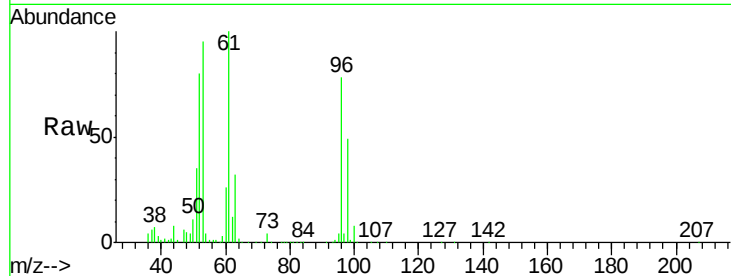
Tgt Ion: 96 Resp: 51374

Ion Ratio Lower Upper

96 100

61 128.1 106.2 159.2

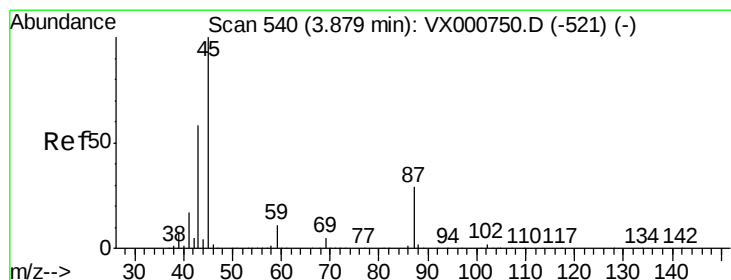
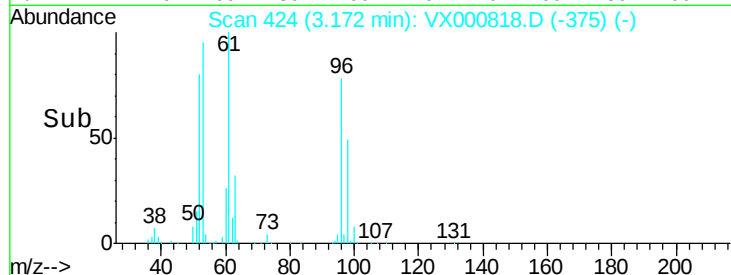
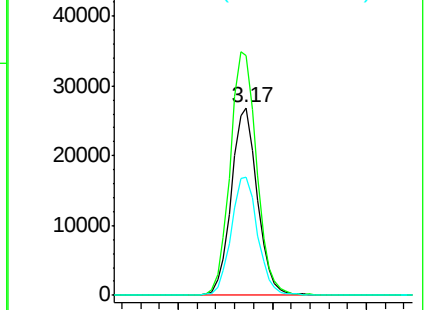
98 62.8 51.2 76.8



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



#22

Diisopropyl ether

Concen: 21.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion: 45 Resp: 172997

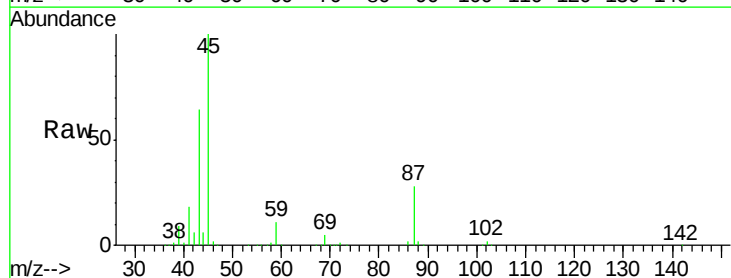
Ion Ratio Lower Upper

45 100

43 62.7 46.6 69.8

87 27.9 22.9 34.3

59 11.0 9.2 13.8

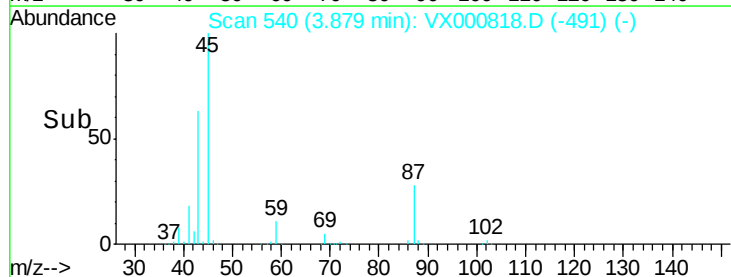
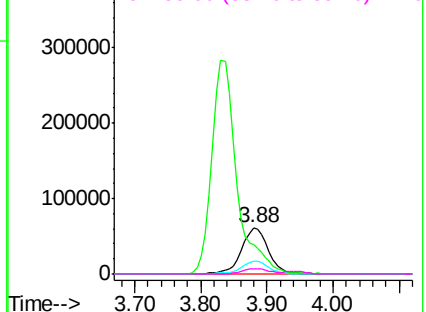


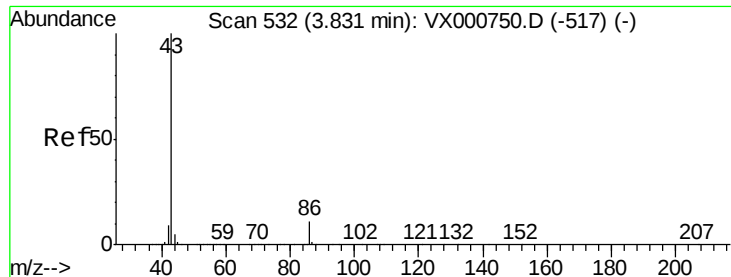
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.04 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

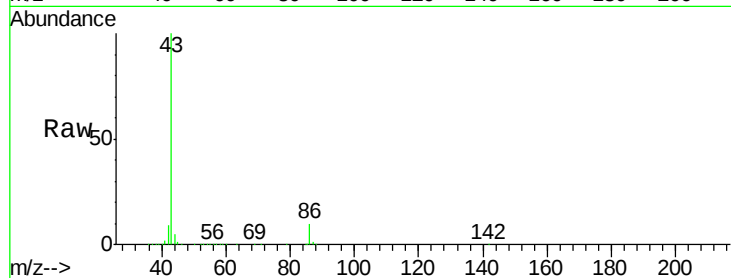
VX0412WBS02

Tgt Ion: 43 Resp: 748159

Ion Ratio Lower Upper

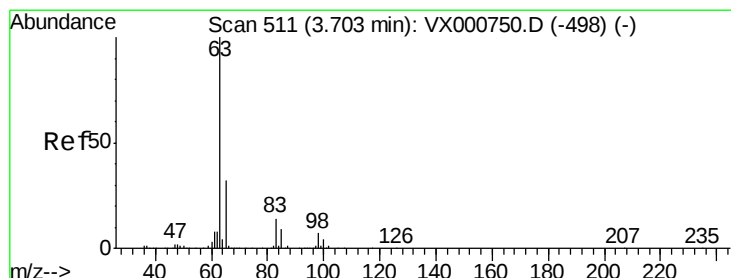
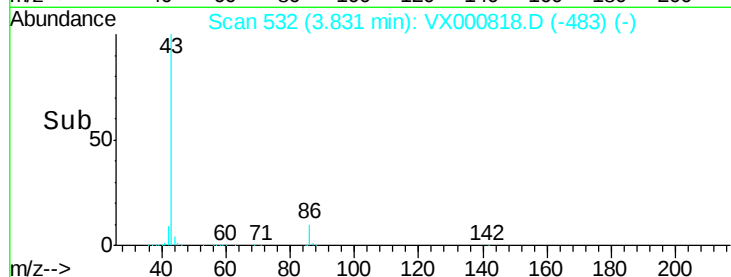
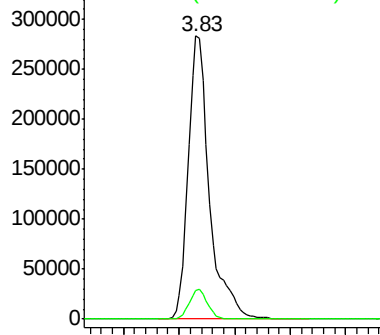
43 100

86 9.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

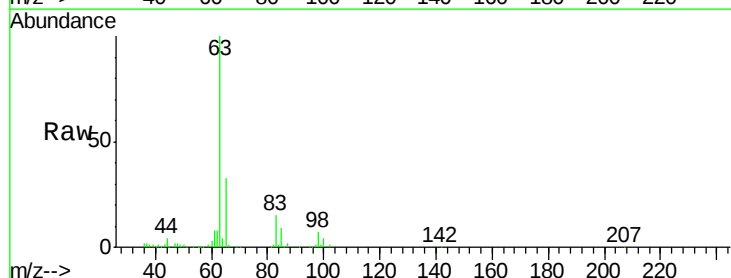
Tgt Ion: 63 Resp: 96347

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

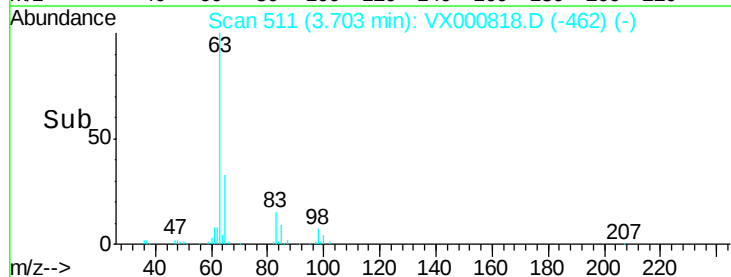
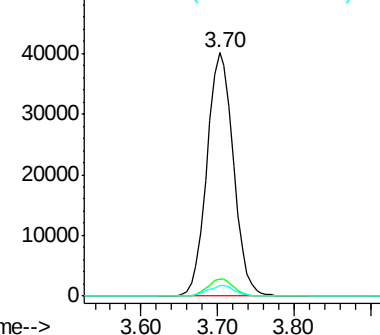
100 4.3 2.1 6.3

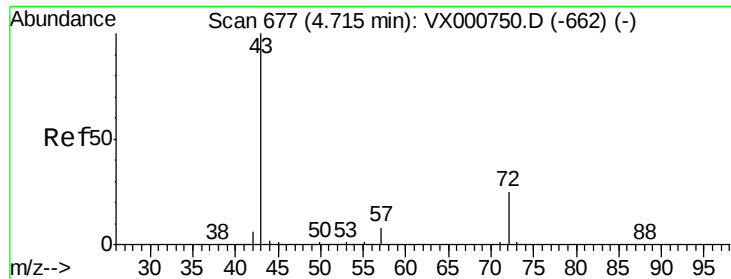


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

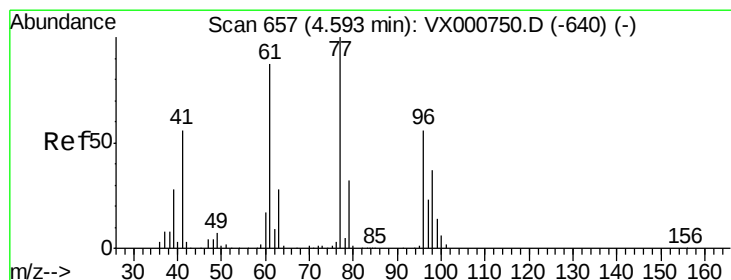
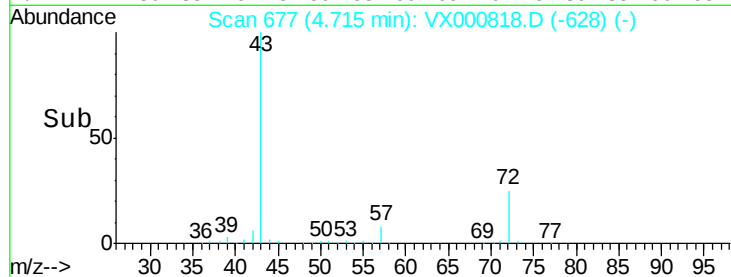
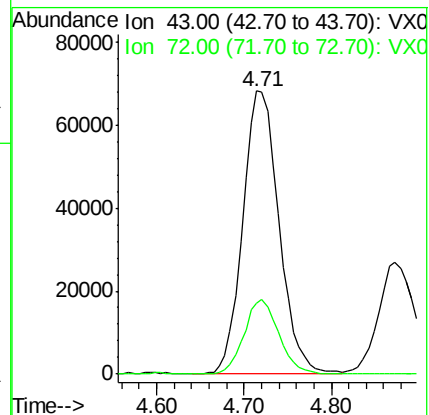
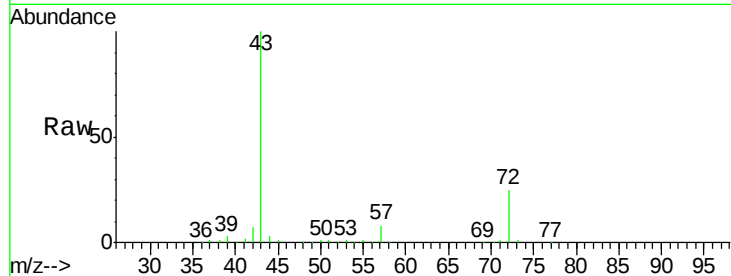
VX0412WBS02

Tgt Ion: 43 Resp: 195112

Ion Ratio Lower Upper

43 100

72 24.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 16.91 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000818.D

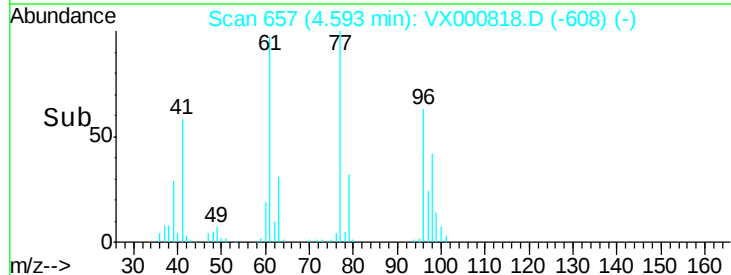
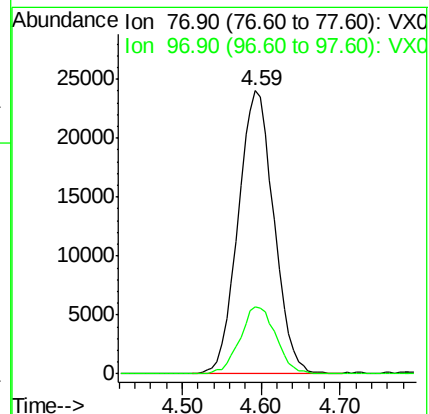
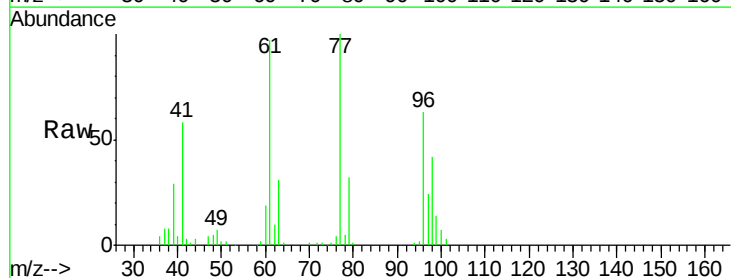
Acq: 12 Apr 2018 22:55

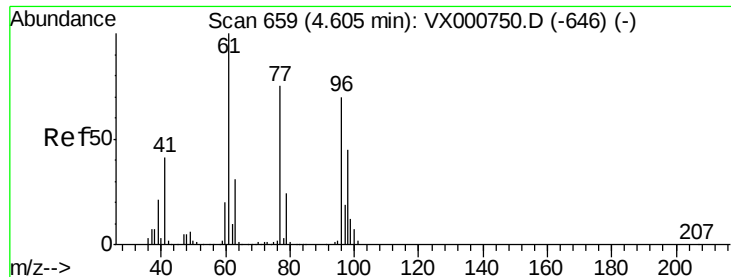
Tgt Ion: 77 Resp: 75664

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.41 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

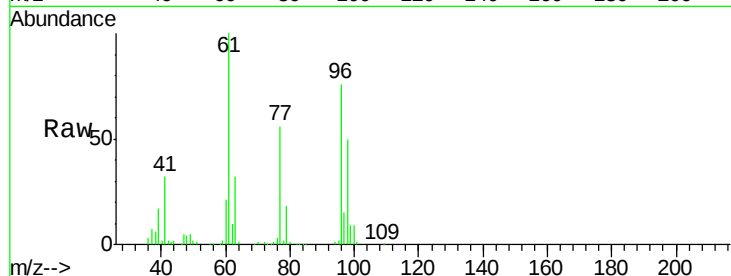
Tgt Ion: 96 Resp: 60399

Ion Ratio Lower Upper

96 100

61 142.9 0.0 292.4

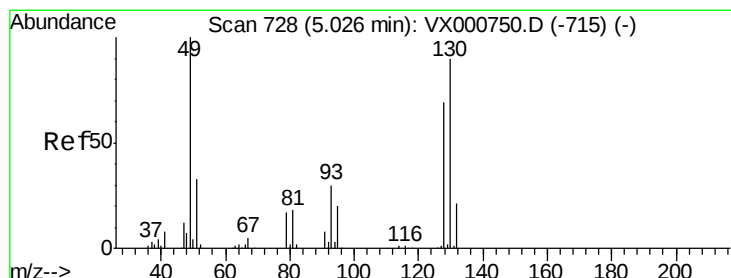
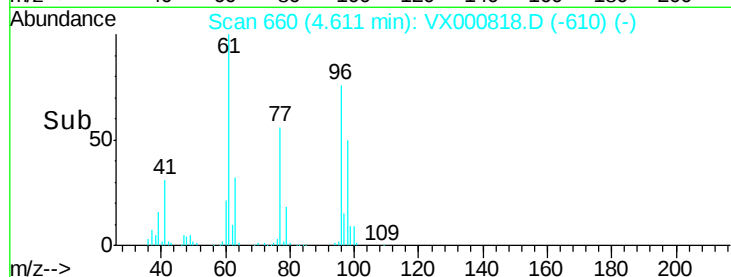
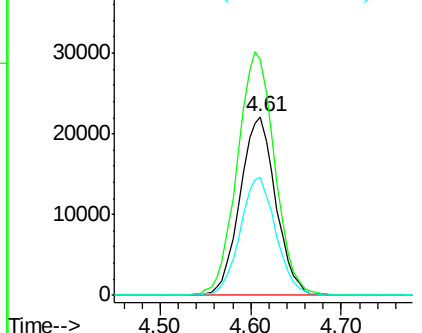
98 66.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.55 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

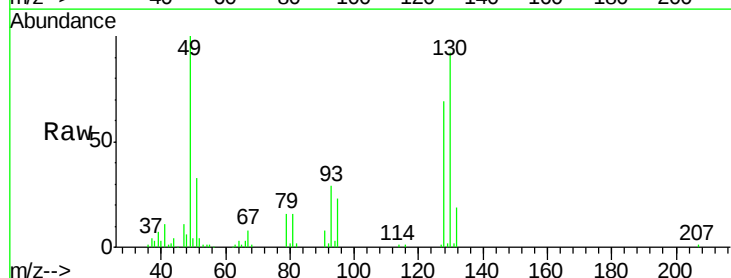
Tgt Ion: 49 Resp: 37305

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

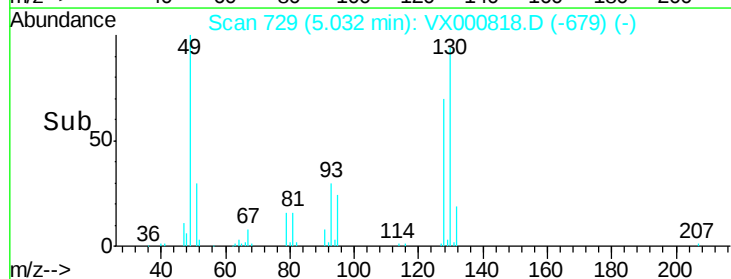
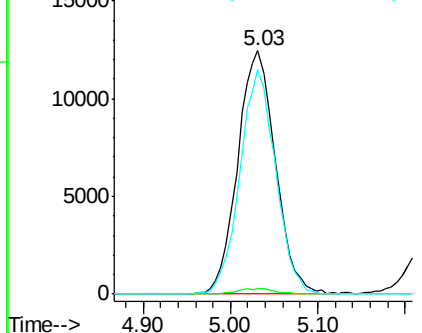
130 87.4 72.6 109.0

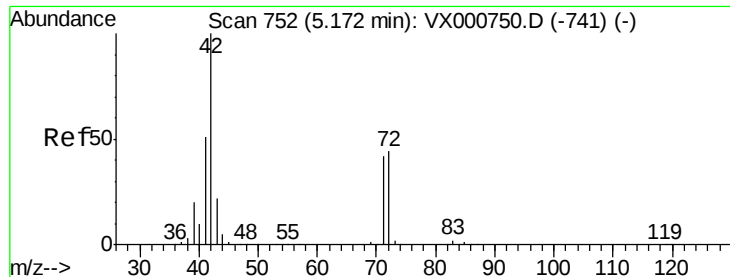


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 107.12 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS02

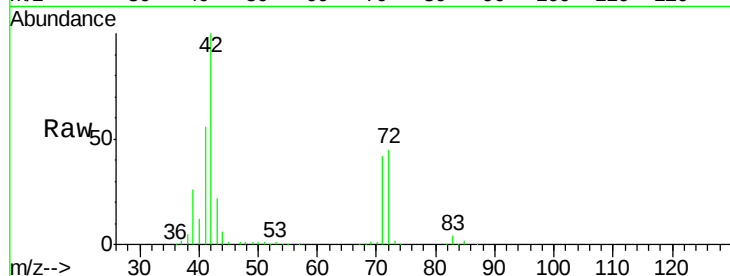
Tgt Ion: 42 Resp: 125829

Ion Ratio Lower Upper

42 100

72 44.1 35.1 52.7

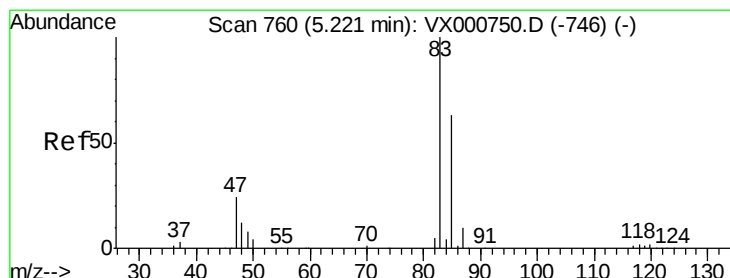
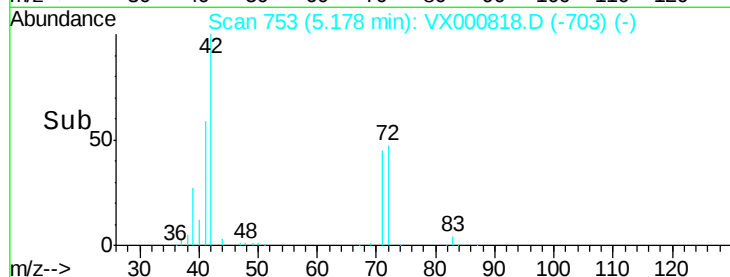
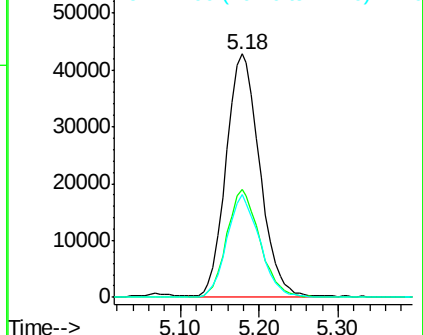
71 41.5 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.85 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000818.D

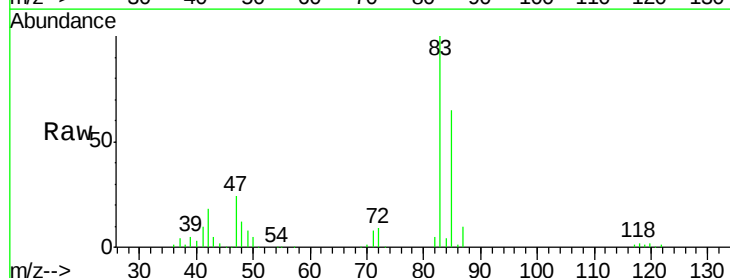
Acq: 12 Apr 2018 22:55

Tgt Ion: 83 Resp: 99558

Ion Ratio Lower Upper

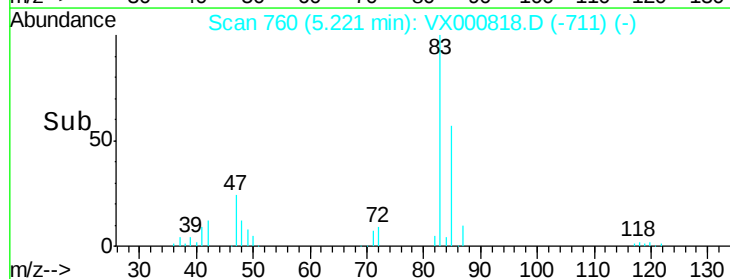
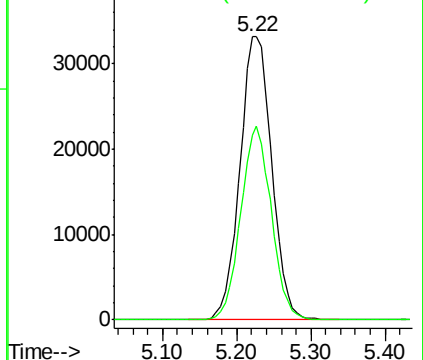
83 100

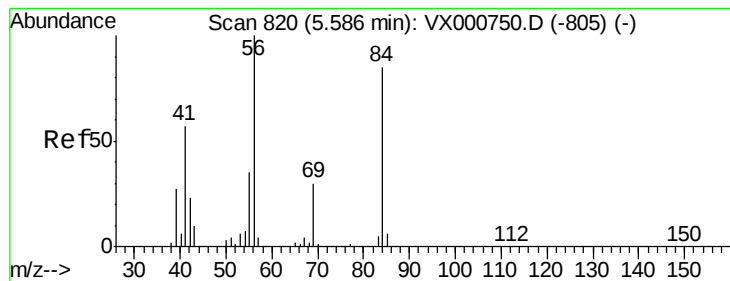
85 65.2 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.56 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

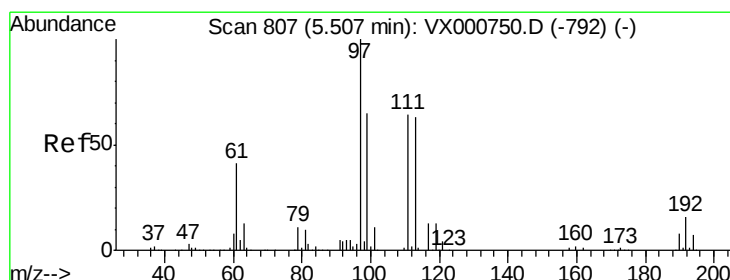
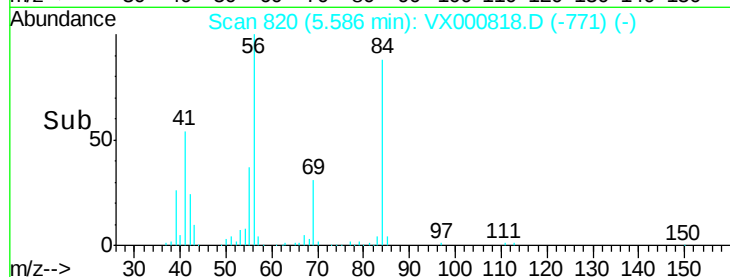
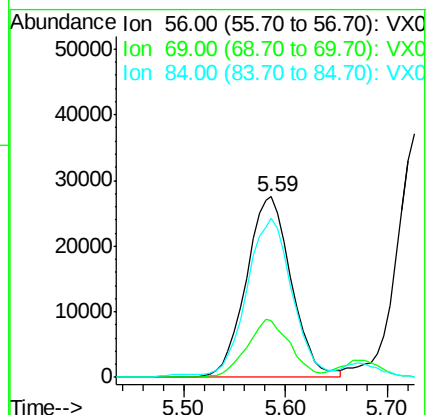
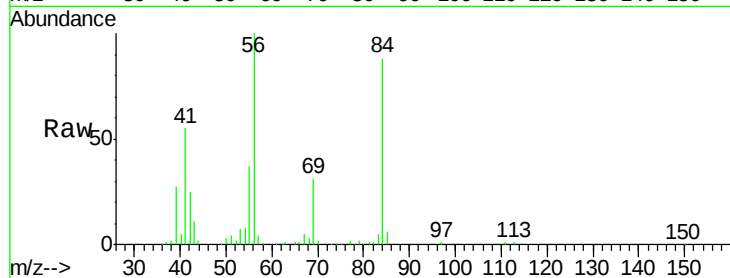
Tgt Ion: 56 Resp: 83750

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 86.3 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

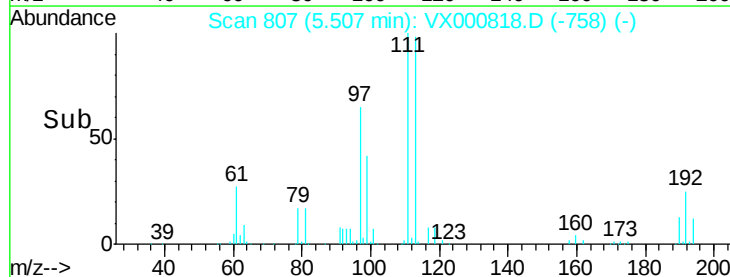
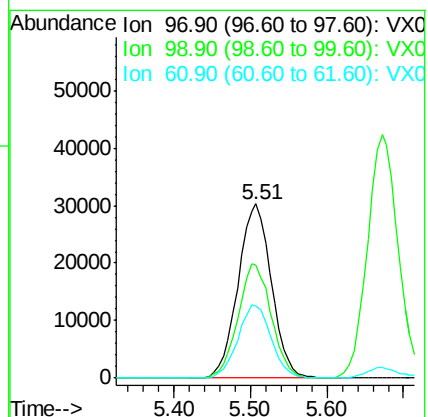
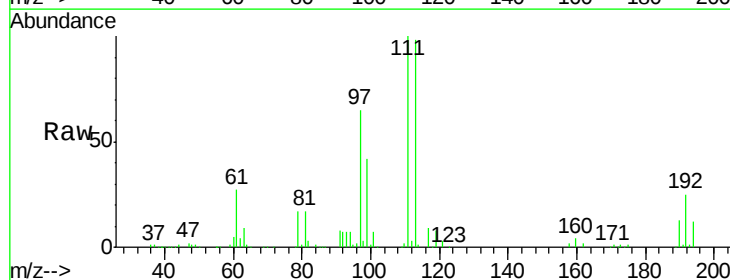
Tgt Ion: 97 Resp: 91883

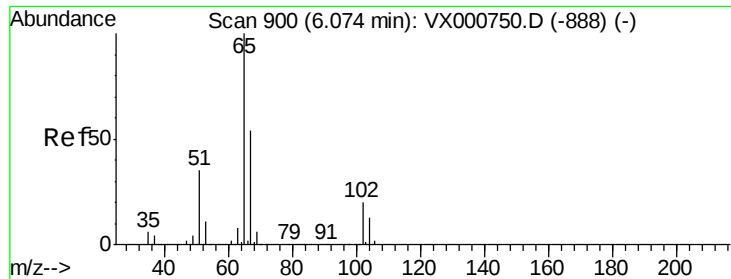
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

61 42.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.99 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

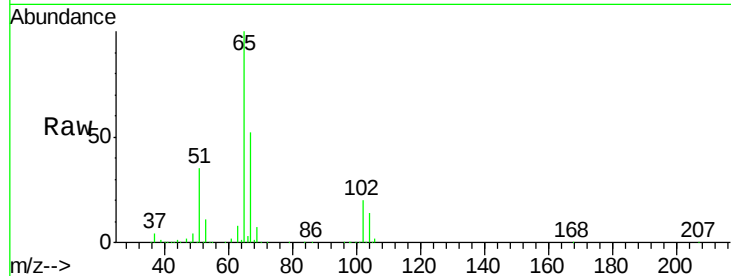
VX0412WBS02

Tgt Ion: 65 Resp: 162398

Ion Ratio Lower Upper

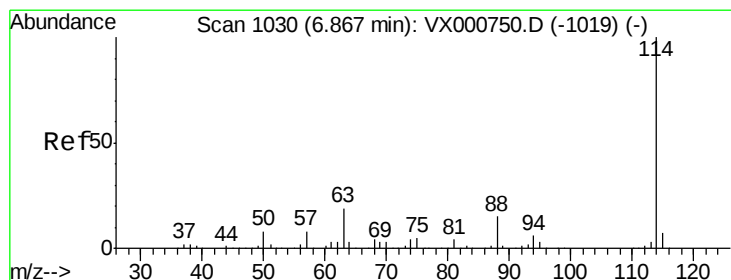
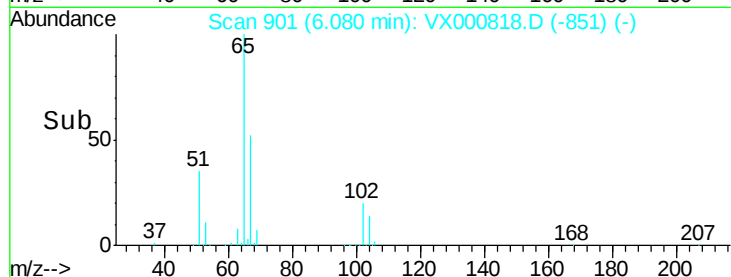
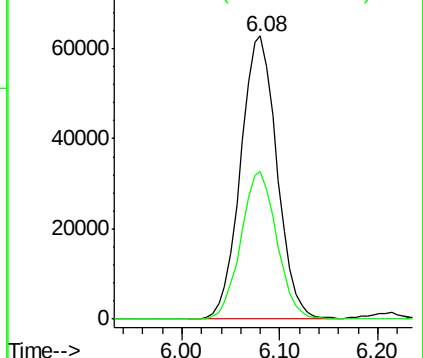
65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

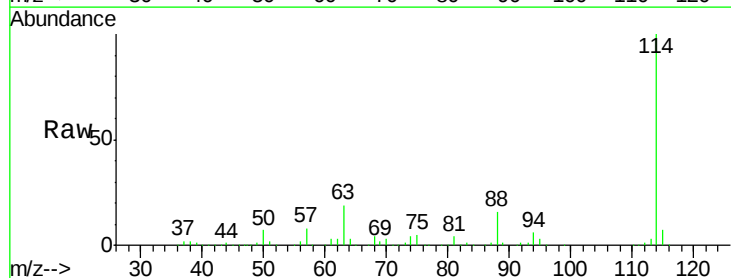
Tgt Ion: 114 Resp: 354107

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

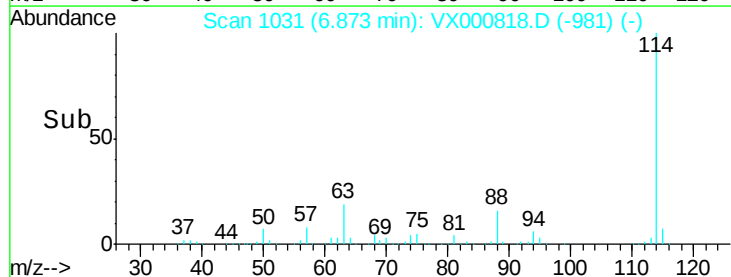
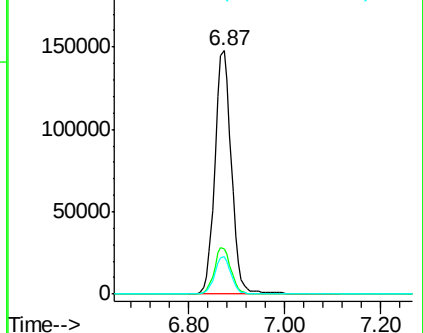
88 15.6 0.0 31.0

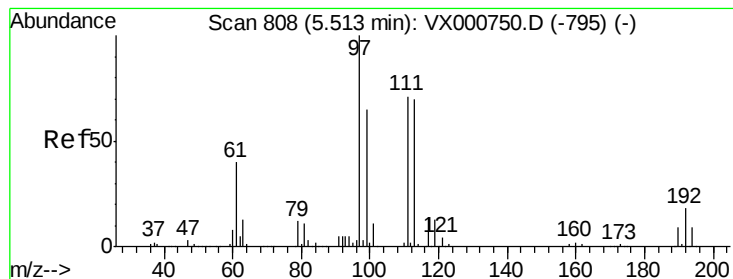


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.04 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

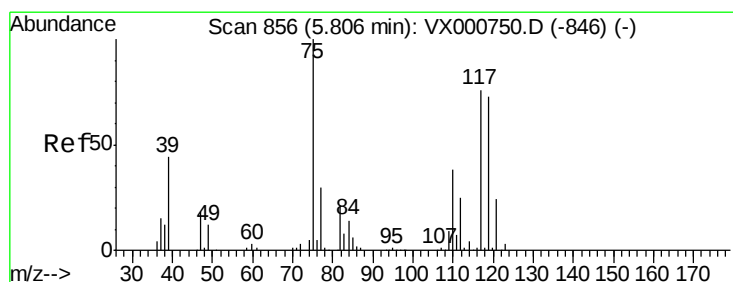
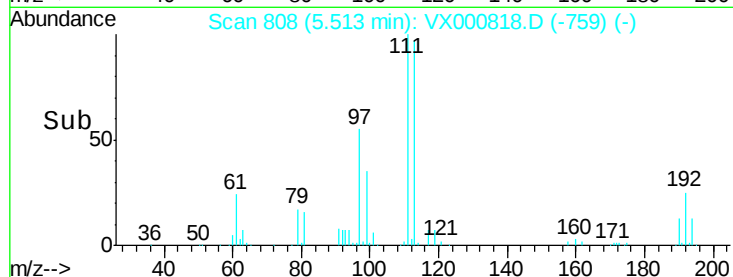
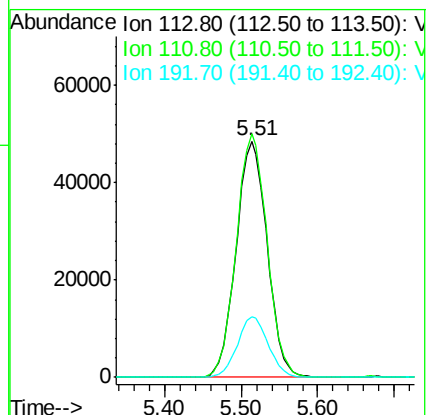
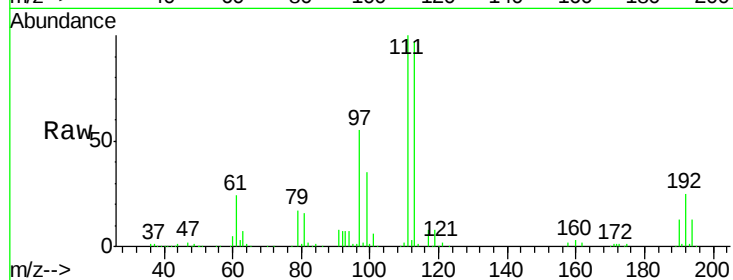
Tgt Ion:113 Resp: 136530

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

192 25.5 20.4 30.6



#36

1,1-Dichloropropene

Concen: 19.14 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

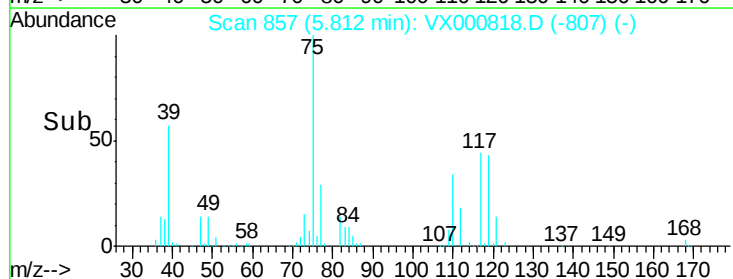
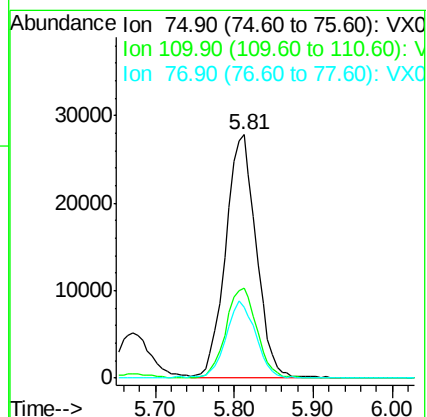
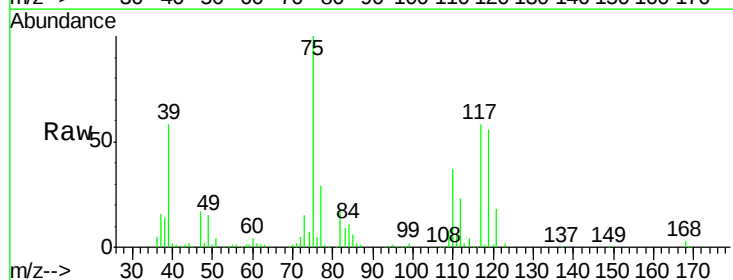
Tgt Ion: 75 Resp: 74646

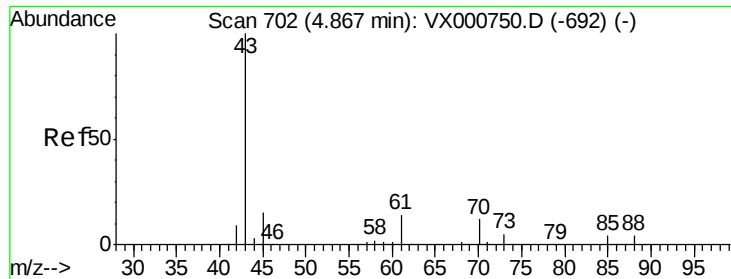
Ion Ratio Lower Upper

75 100

110 37.8 19.2 57.6

77 30.2 25.4 38.2





#37

Ethyl Acetate

Concen: 20.54 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

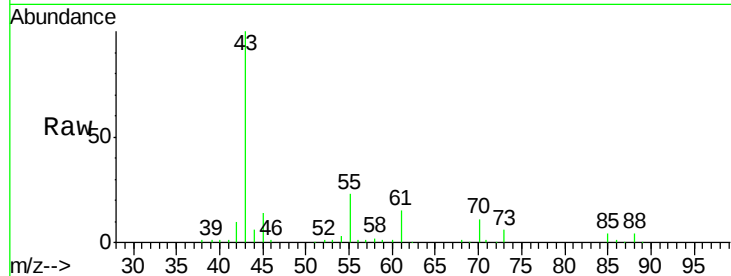
Tgt Ion: 43 Resp: 78200

Ion Ratio Lower Upper

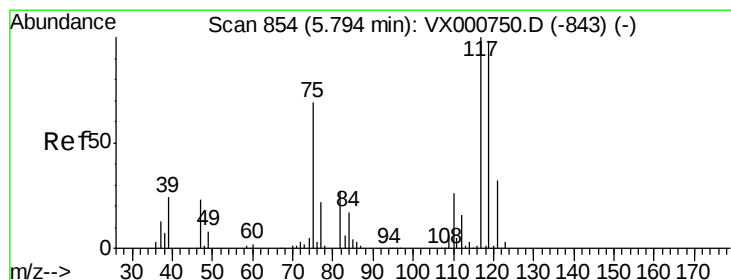
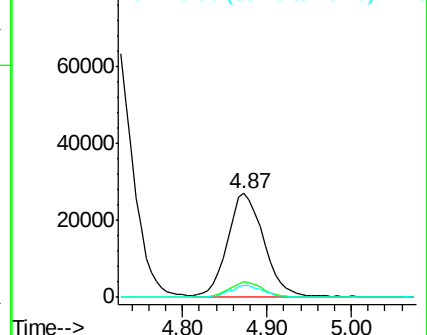
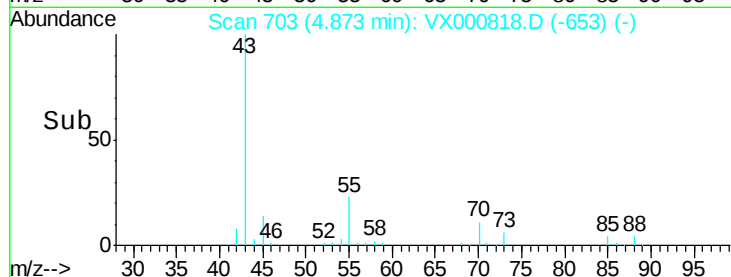
43 100

61 14.2 11.0 16.4

70 11.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000818.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 18.93 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

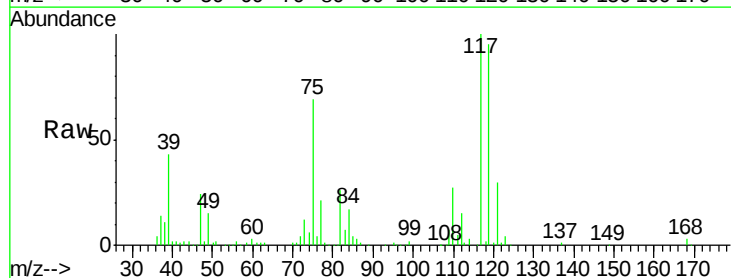
Tgt Ion: 117 Resp: 82645

Ion Ratio Lower Upper

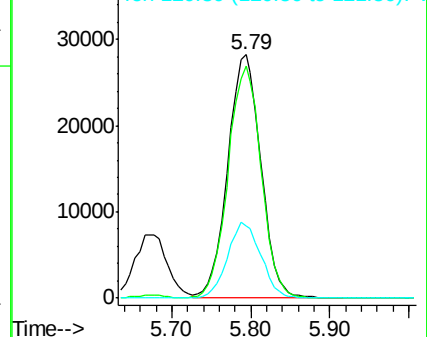
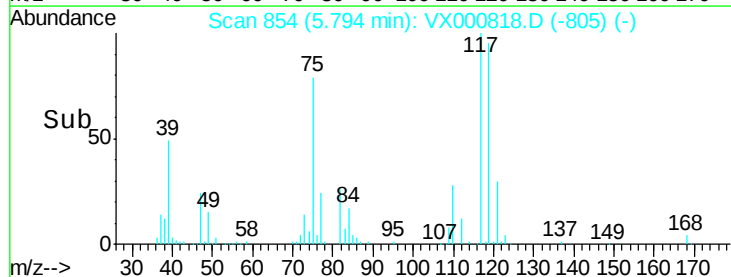
117 100

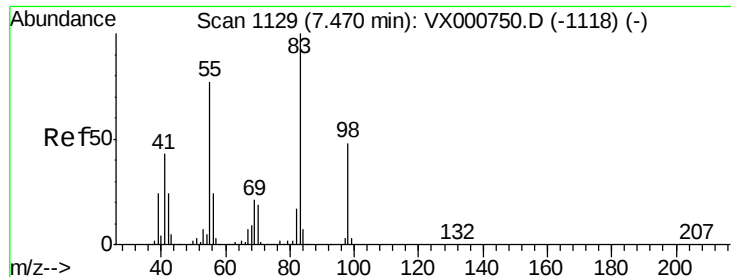
119 95.2 78.4 117.6

121 29.6 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): VX000818.D (-805) (-)

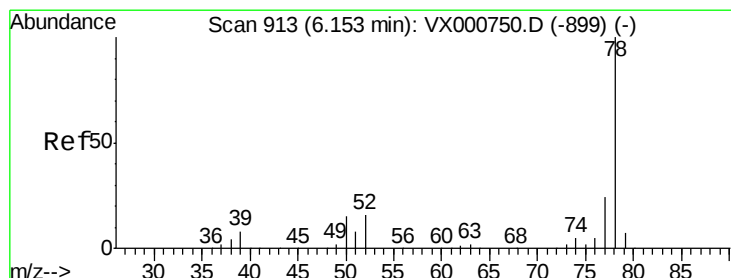
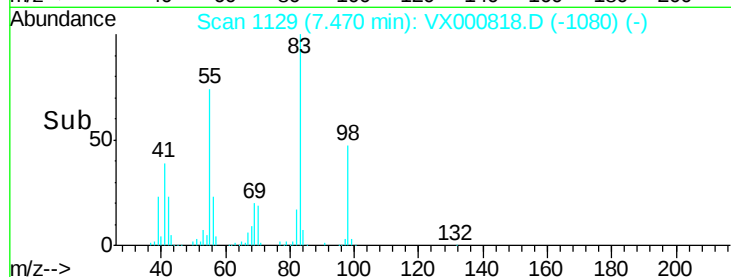
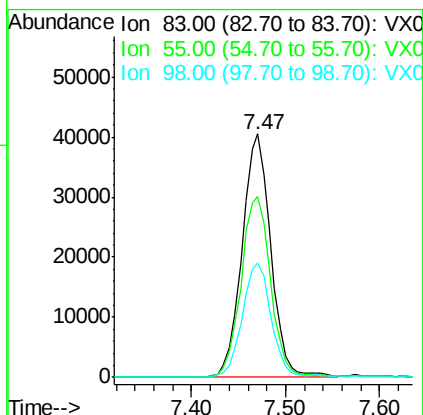
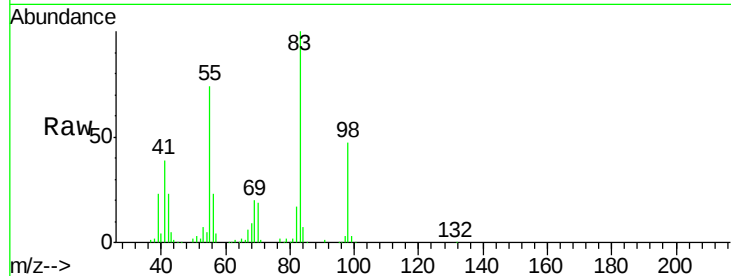




#39
Methylcyclohexane
Concen: 18.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

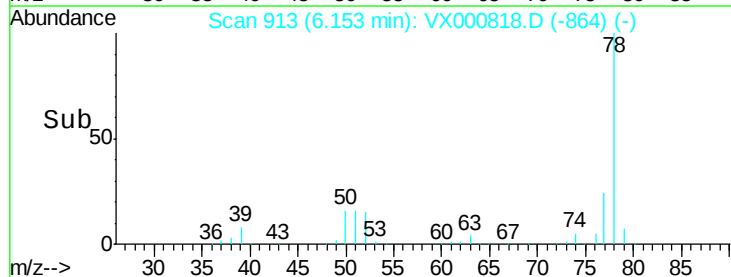
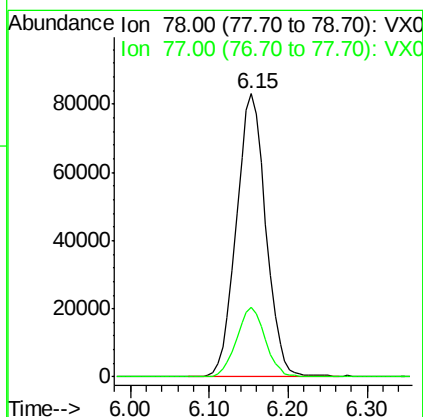
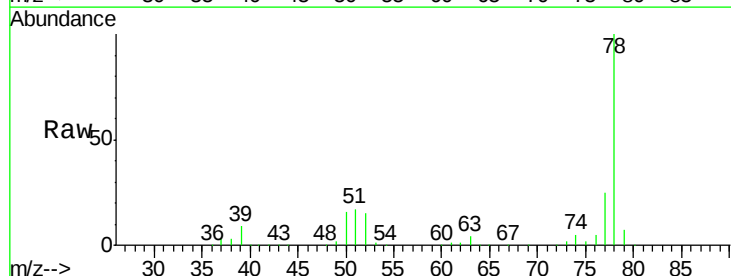
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

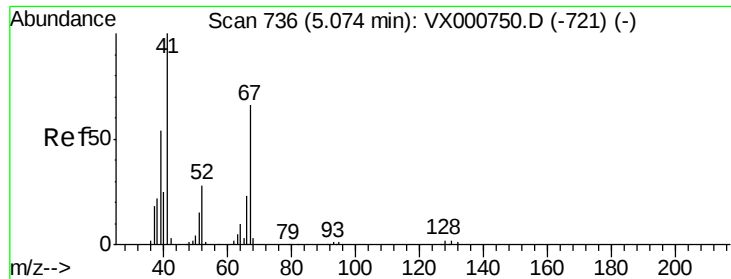
Tgt Ion: 83 Resp: 86465
Ion Ratio Lower Upper
83 100
55 73.9 61.5 92.3
98 47.1 38.1 57.1



#40
Benzene
Concen: 19.99 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion: 78 Resp: 216655
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6

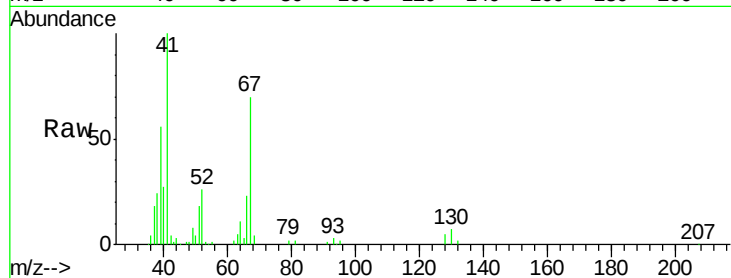




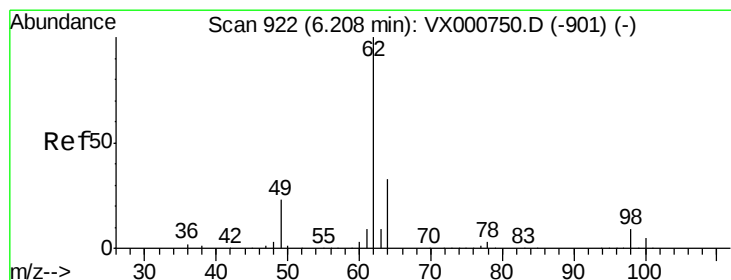
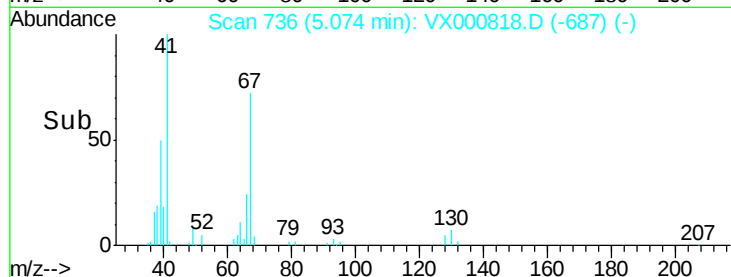
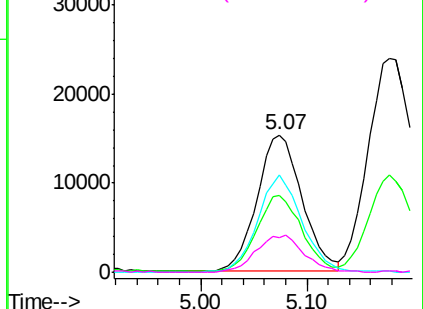
#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion:	41	Resp:	45247
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.9	67.3
67	70.0	54.7	82.1
52	28.8	23.0	34.6

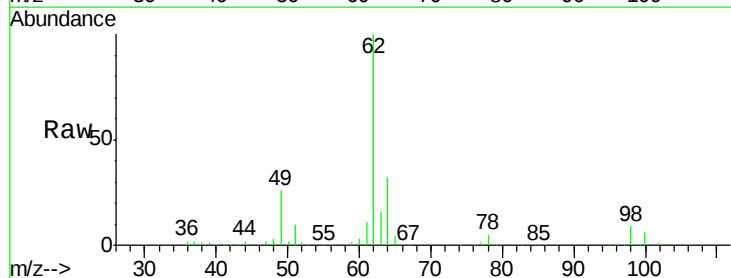


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

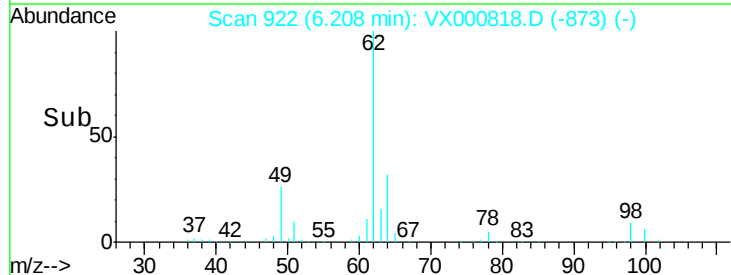
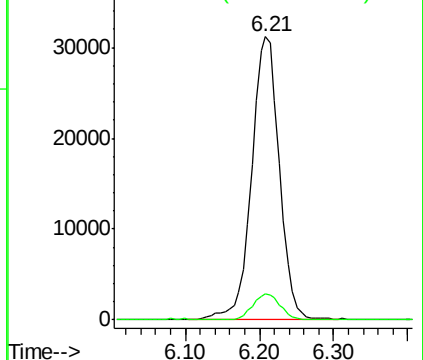


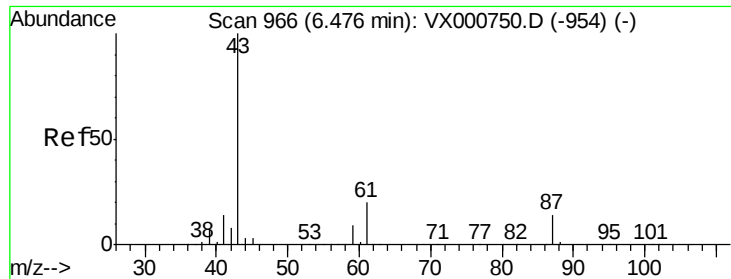
#42
1,2-Dichloroethane
Concen: 20.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:	62	Resp:	81665
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.01 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

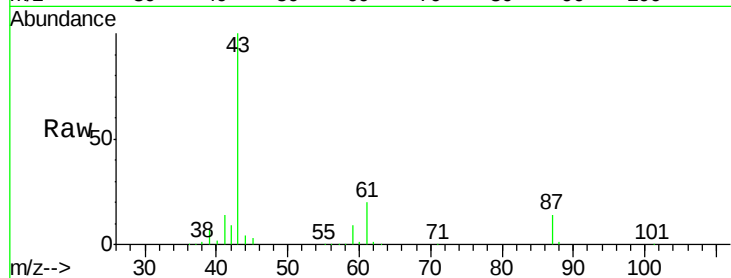
Tgt Ion: 43 Resp: 130591

Ion Ratio Lower Upper

43 100

61 19.3 15.6 23.4

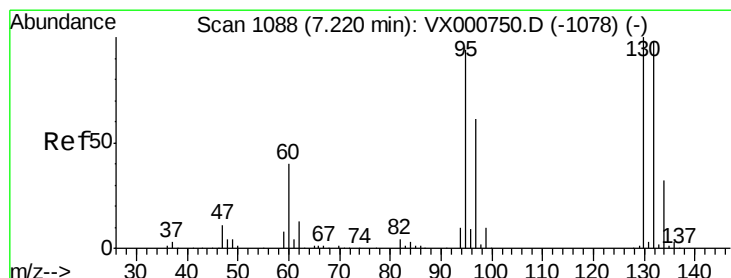
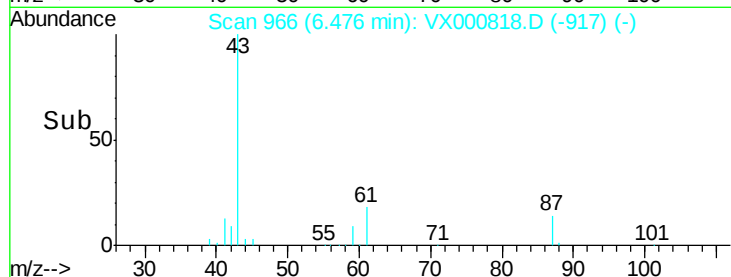
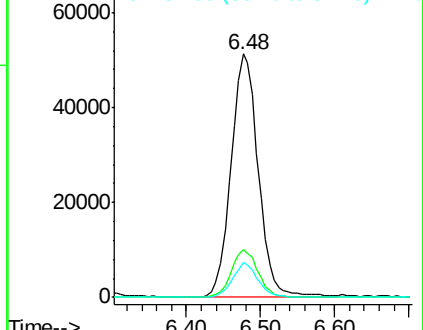
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.75 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000818.D

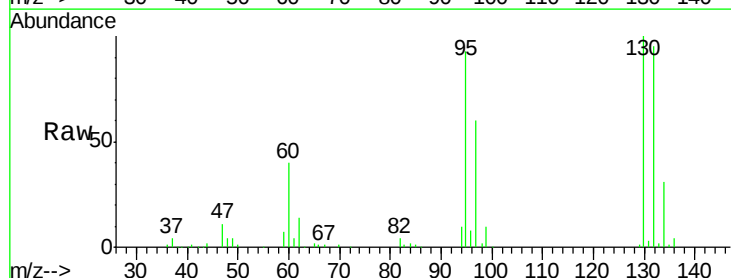
Acq: 12 Apr 2018 22:55

Tgt Ion: 130 Resp: 66564

Ion Ratio Lower Upper

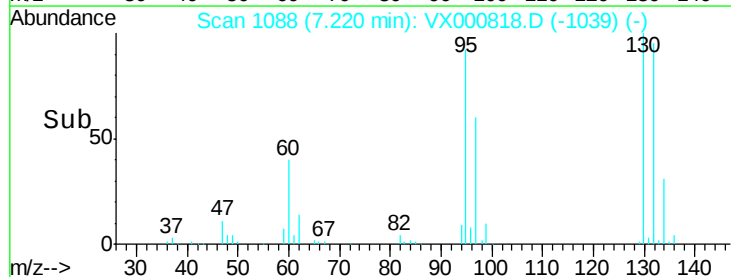
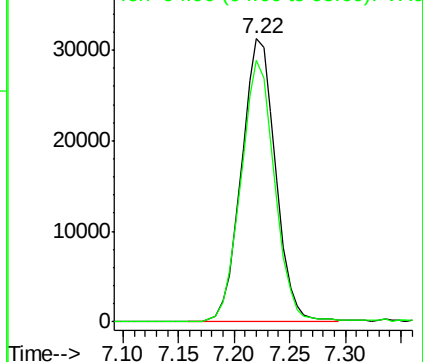
130 100

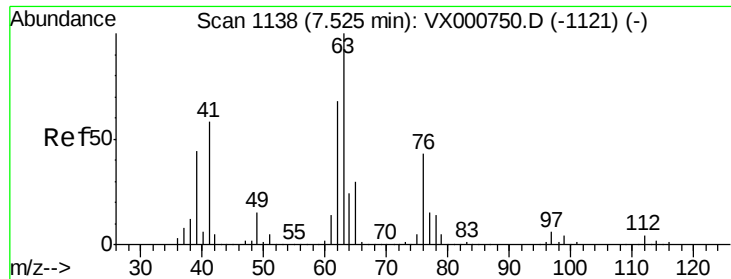
95 92.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.34 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

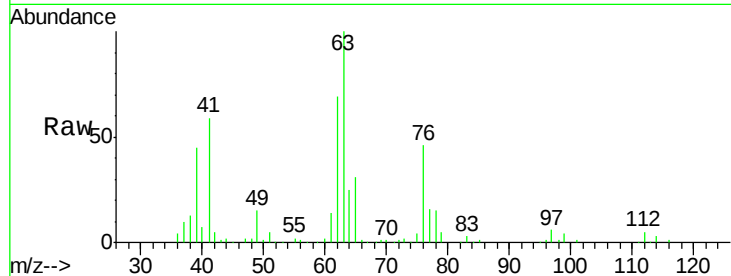
VX0412WBS02

Tgt Ion: 63 Resp: 56112

Ion Ratio Lower Upper

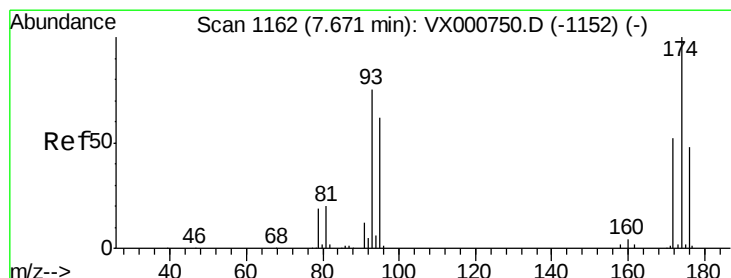
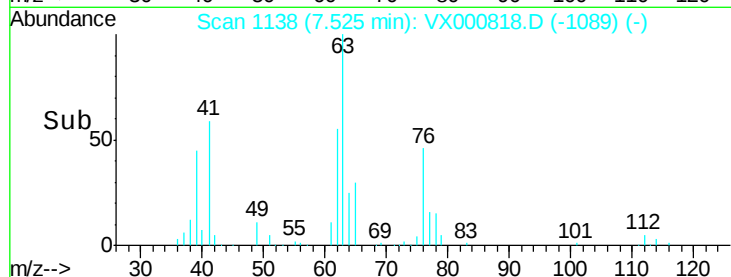
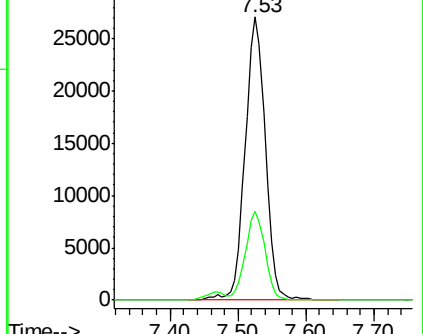
63 100

65 31.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.78 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

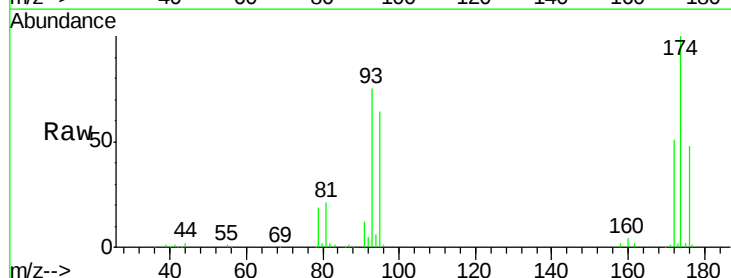
Tgt Ion: 93 Resp: 38056

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

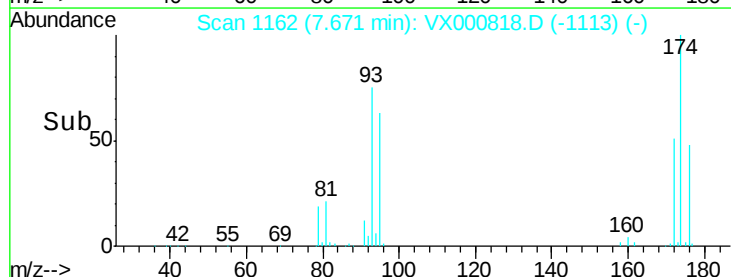
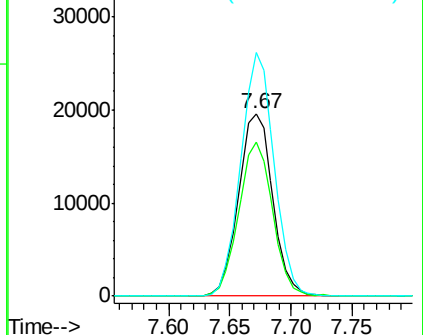
174 130.2 104.5 156.7

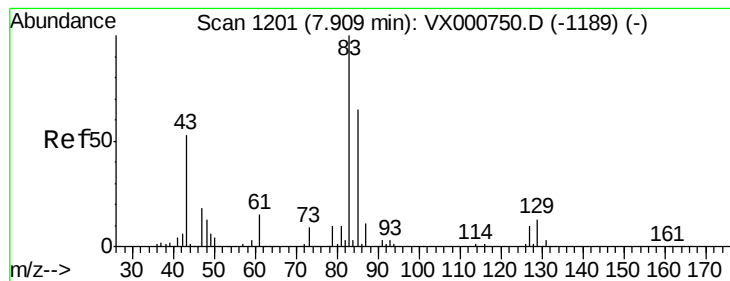


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.57 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

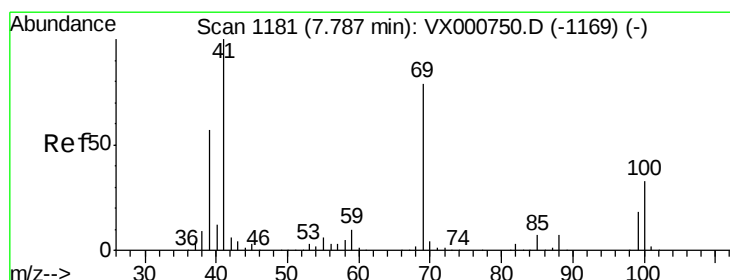
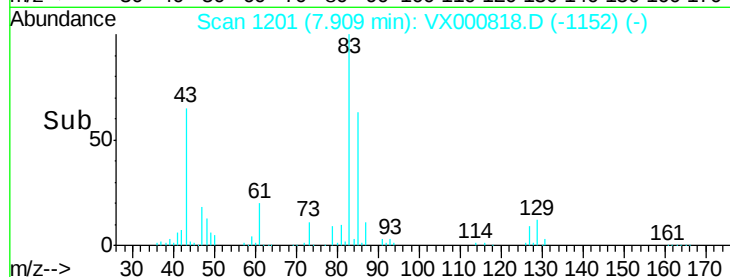
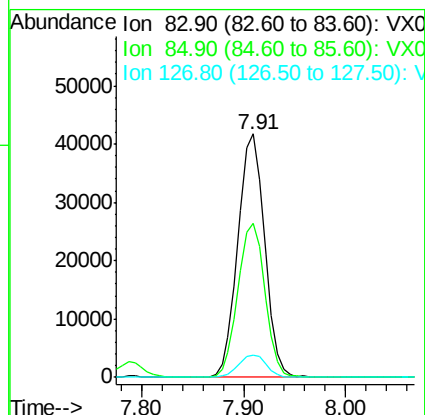
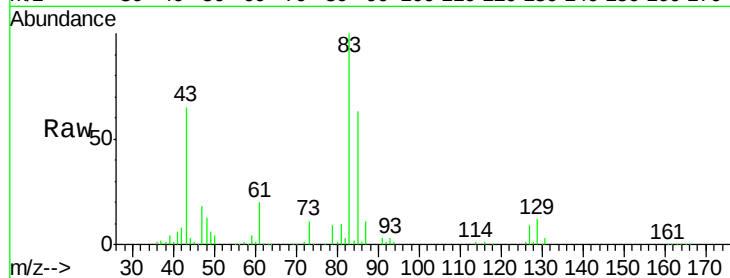
Tgt Ion: 83 Resp: 75972

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

127 9.2 7.8 11.8



#48

Methyl methacrylate

Concen: 20.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

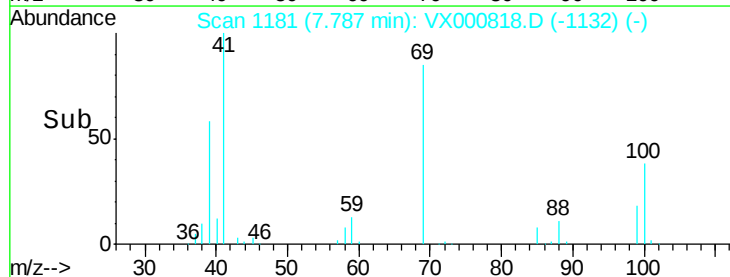
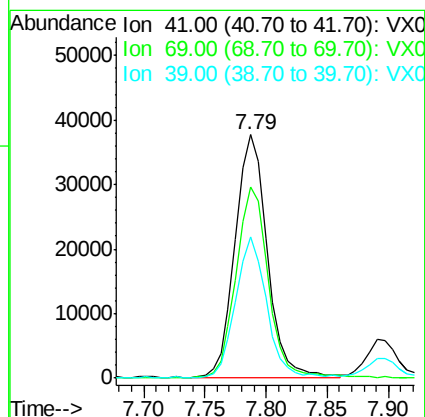
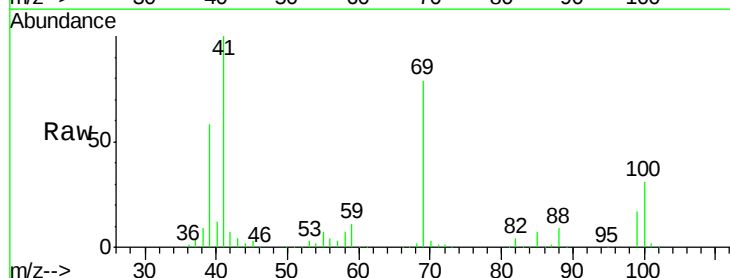
Tgt Ion: 41 Resp: 68686

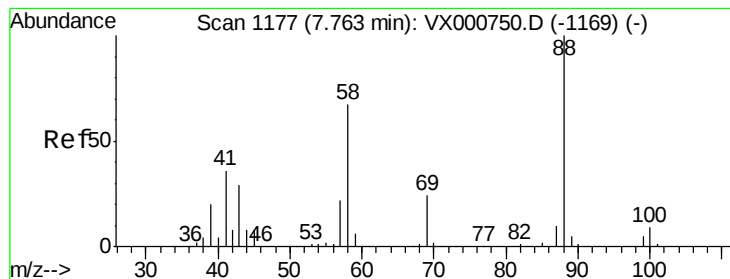
Ion Ratio Lower Upper

41 100

69 80.1 63.9 95.9

39 56.2 45.9 68.9





#49

1,4-Dioxane

Concen: 372.04 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

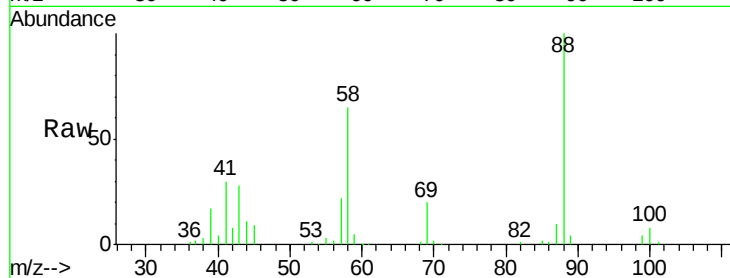
Tgt Ion: 88 Resp: 25296

Ion Ratio Lower Upper

88 100

43 33.1 25.8 38.8

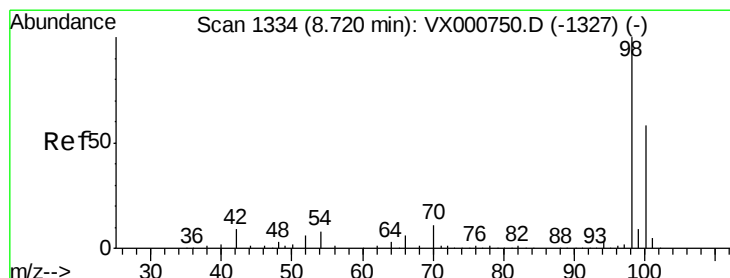
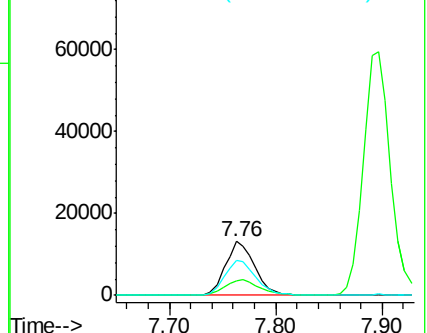
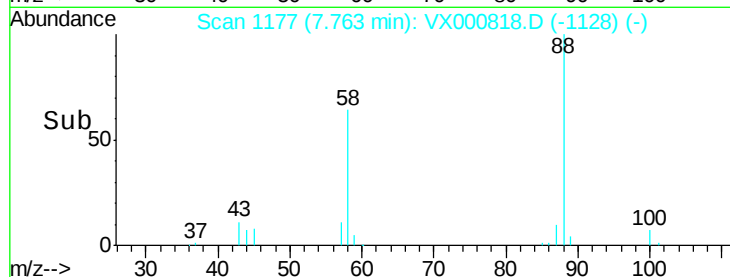
58 68.4 54.4 81.6



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: 49.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000818.D

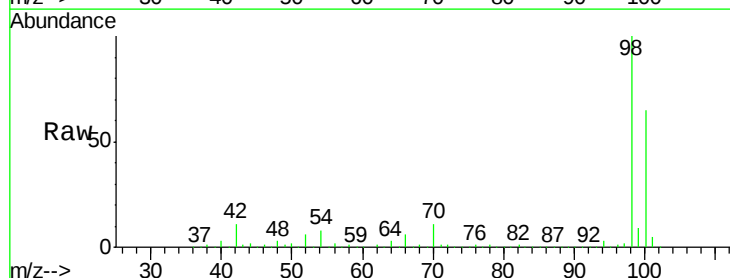
Acq: 12 Apr 2018 22:55

Tgt Ion: 98 Resp: 498942

Ion Ratio Lower Upper

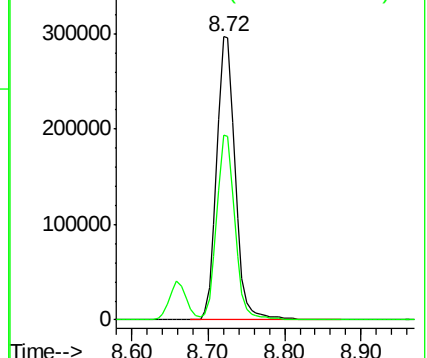
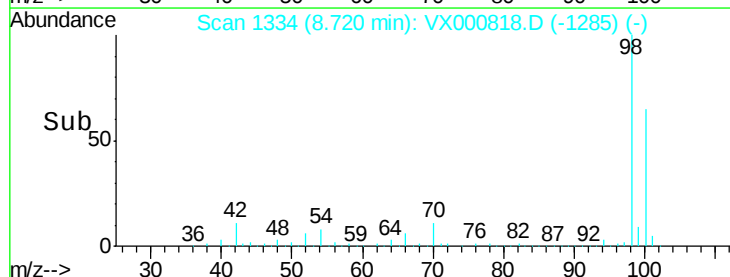
98 100

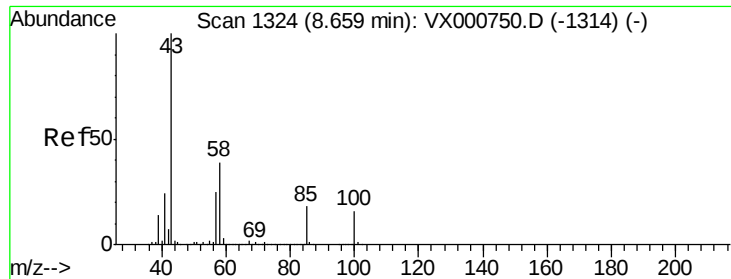
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

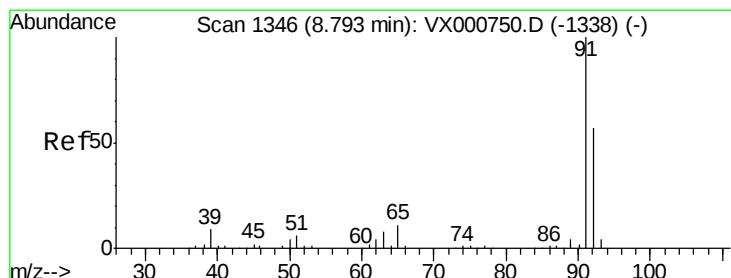
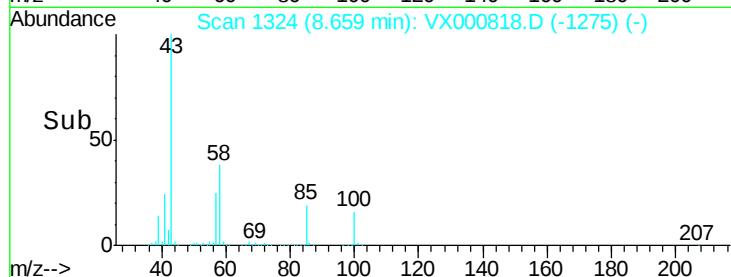
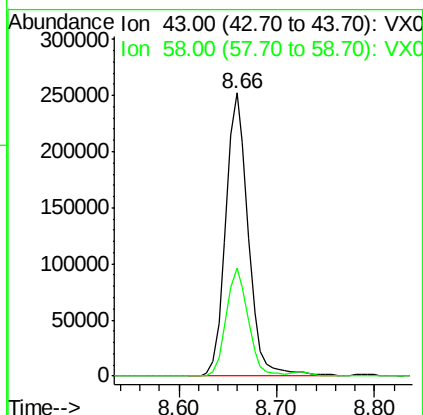
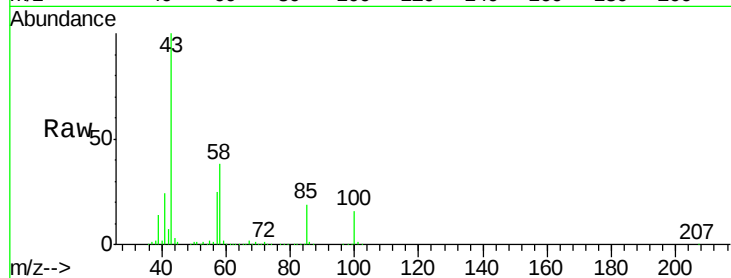




#51
 4-Methyl-2-Pentanone
 Concen: 105.30 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

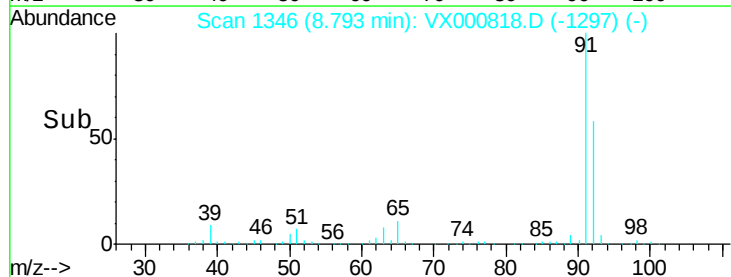
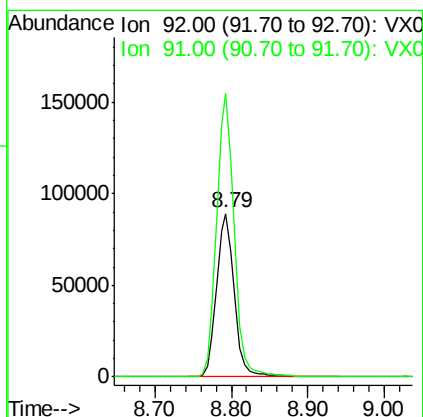
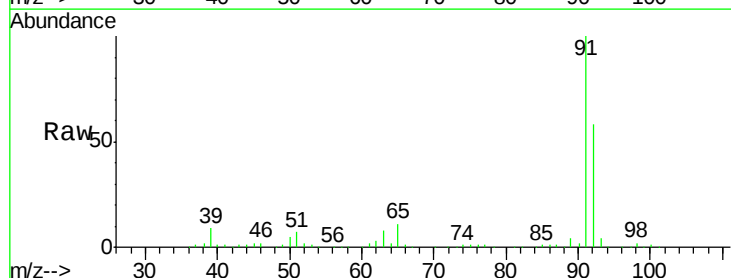
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

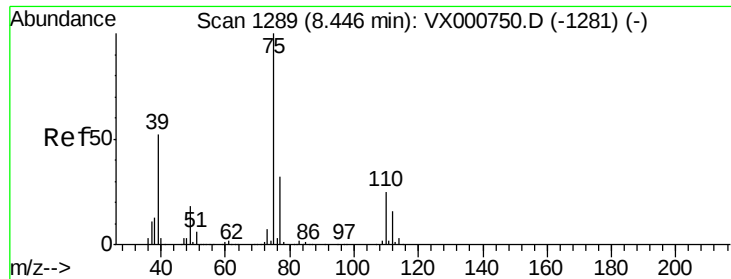
Tgt Ion: 43 Resp: 403747
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.3 45.5



#52
 Toluene
 Concen: 19.83 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion: 92 Resp: 142535
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.09 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

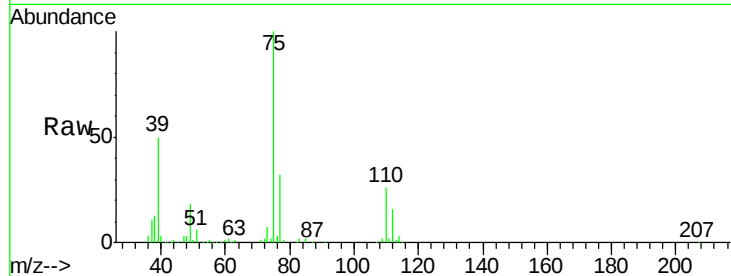
VX0412WBS02

Tgt Ion: 75 Resp: 88917

Ion Ratio Lower Upper

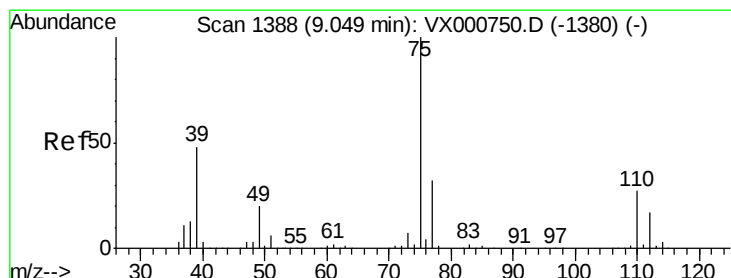
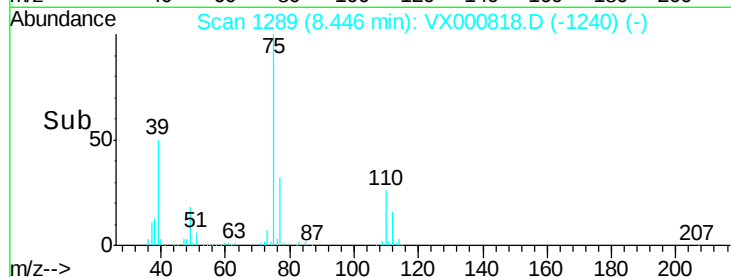
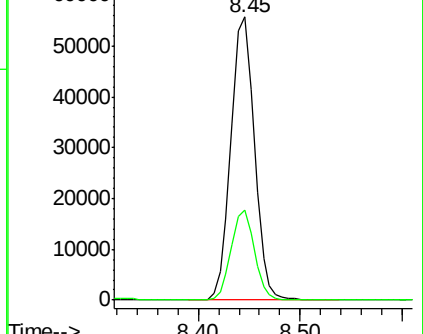
75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

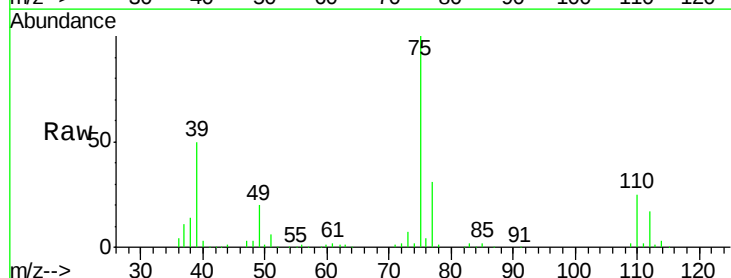
Tgt Ion: 75 Resp: 83636

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

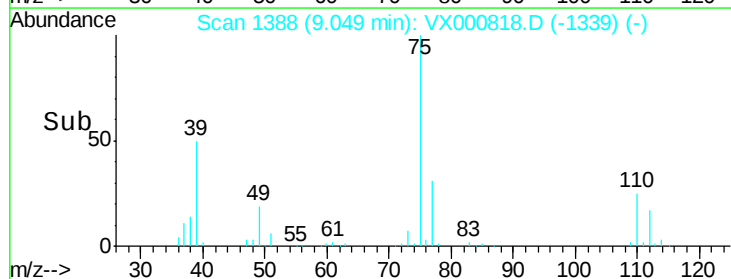
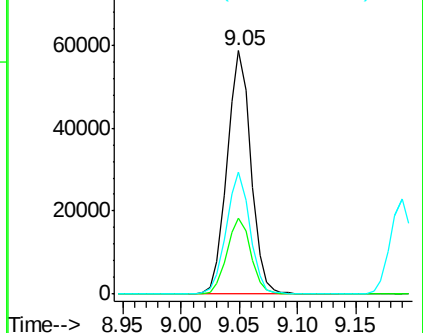
39 49.8 38.6 58.0

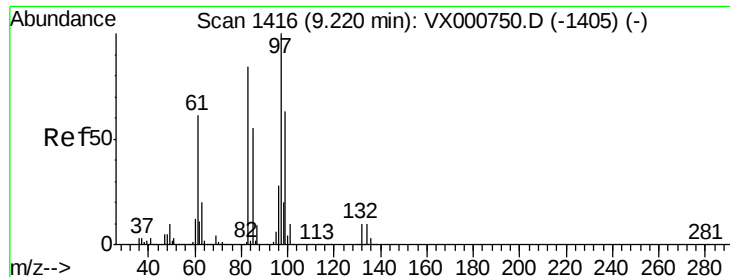


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.86 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 97 Resp: 56682

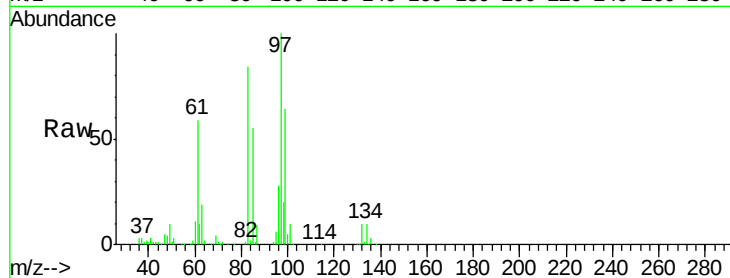
Ion Ratio Lower Upper

97 100

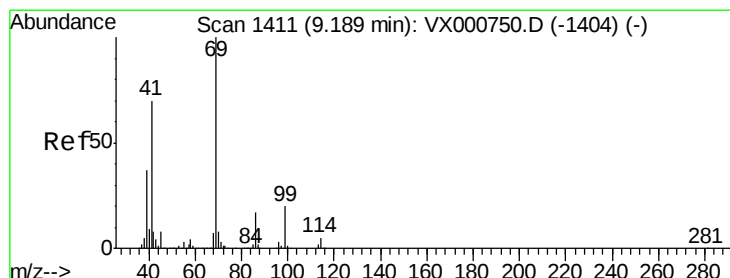
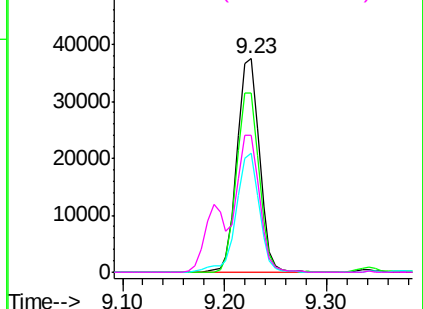
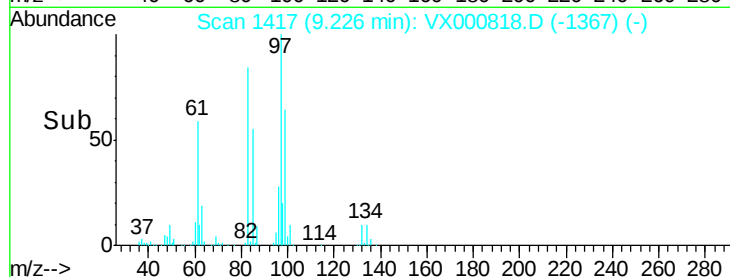
83 83.7 67.6 101.4

85 55.5 43.8 65.6

99 64.3 50.2 75.4



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



#56

Ethyl methacrylate

Concen: 19.89 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

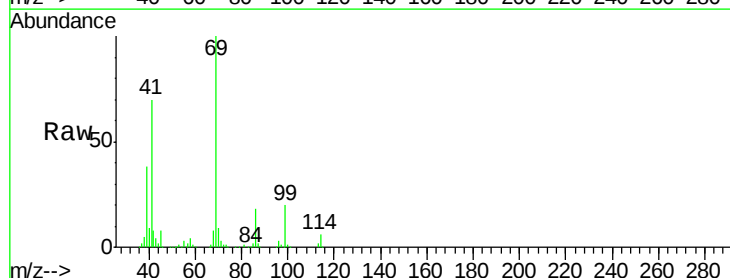
Tgt Ion: 69 Resp: 87582

Ion Ratio Lower Upper

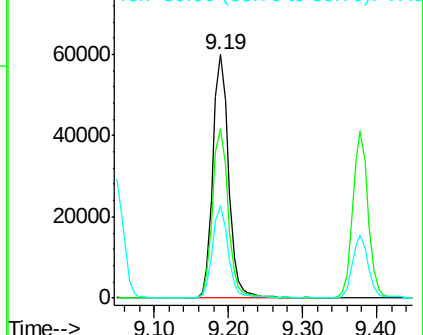
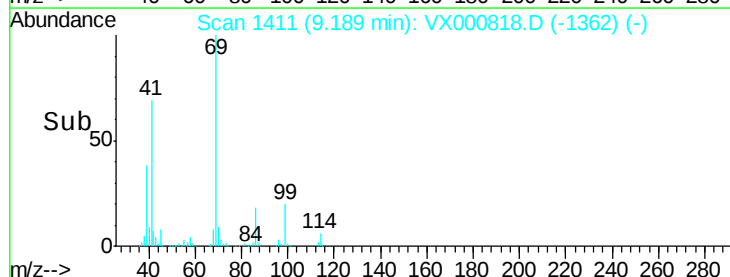
69 100

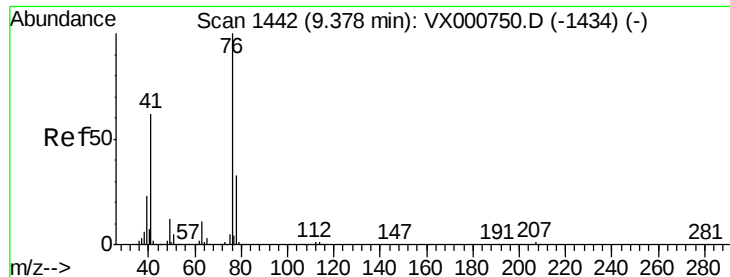
41 68.8 55.6 83.4

39 37.4 30.3 45.5



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

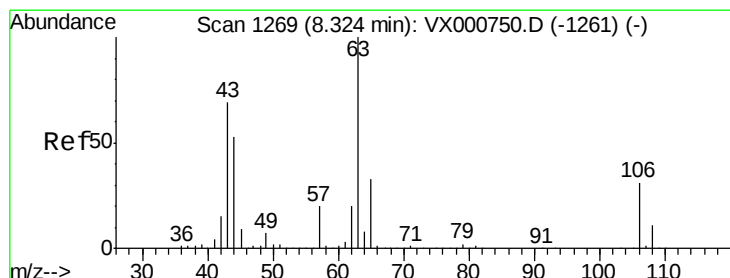
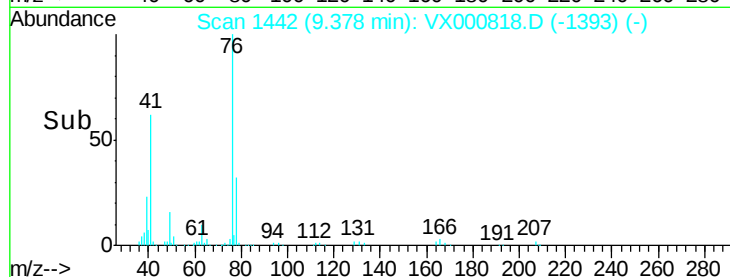
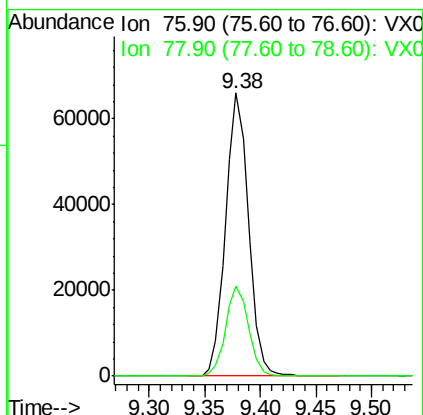
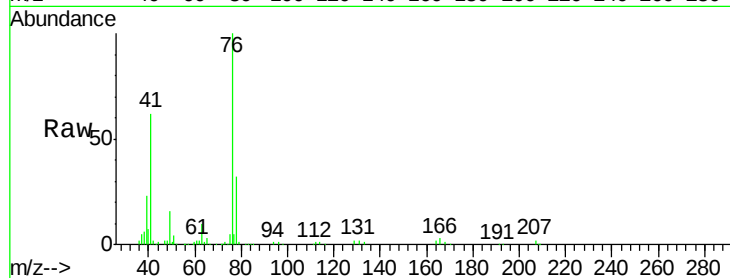




#57
 1,3-Dichloropropane
 Concen: 20.70 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

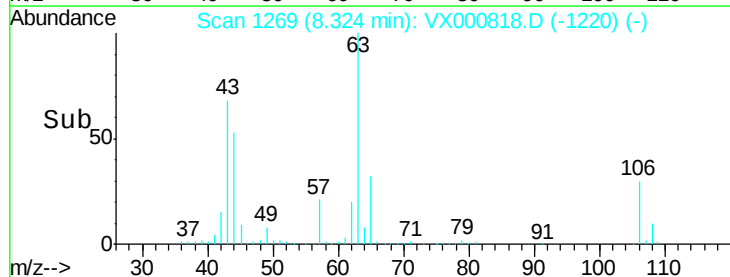
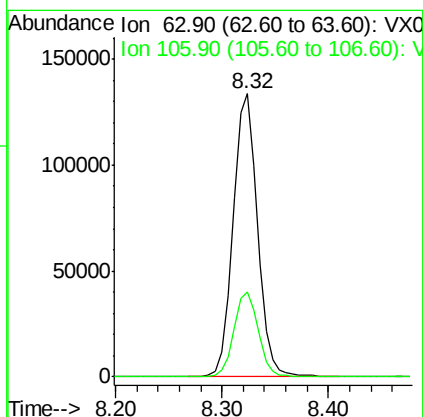
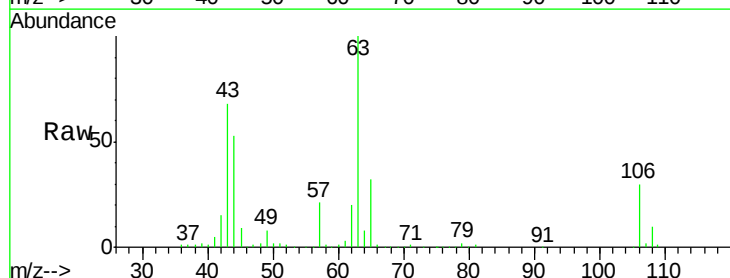
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

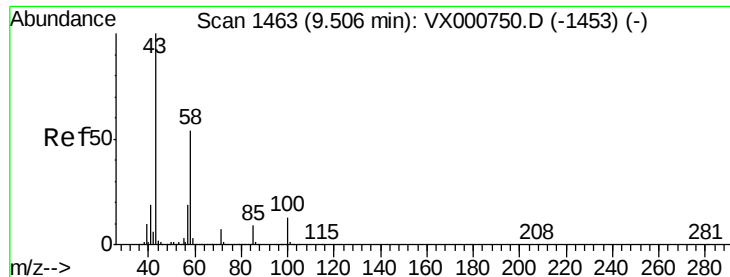
Tgt Ion: 76 Resp: 93914
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.18 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion: 63 Resp: 214300
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.3 36.5

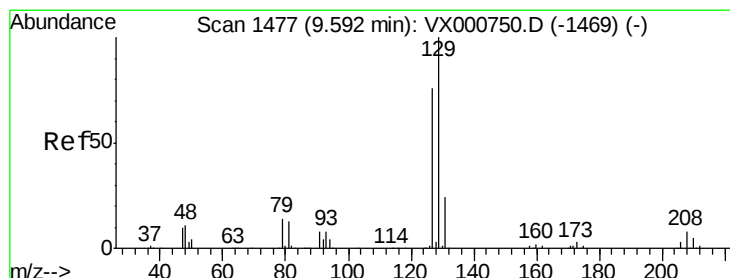
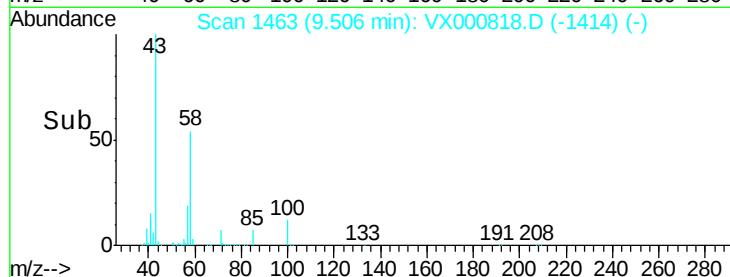
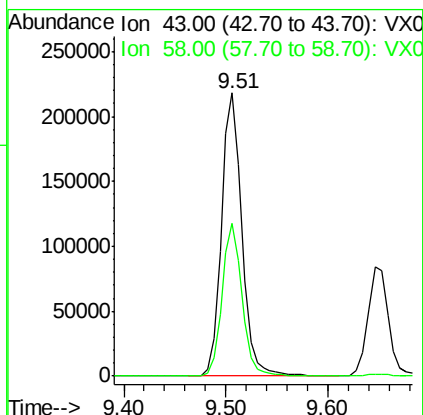
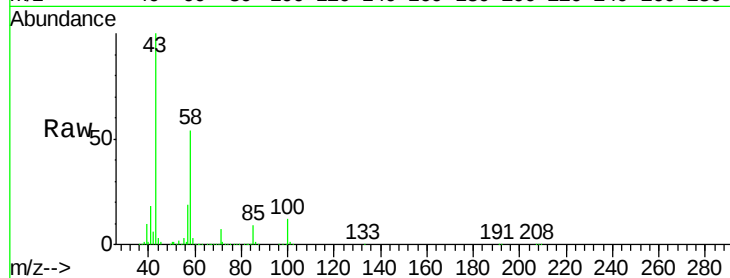




#59
2-Hexanone
Concen: 102.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

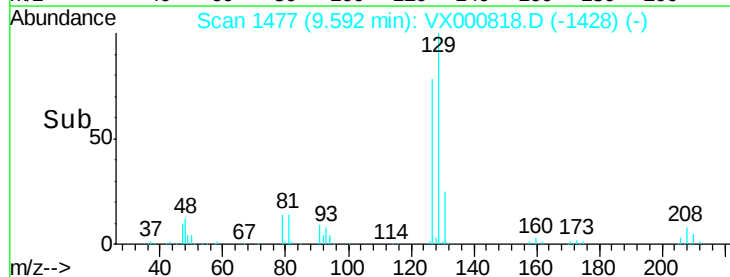
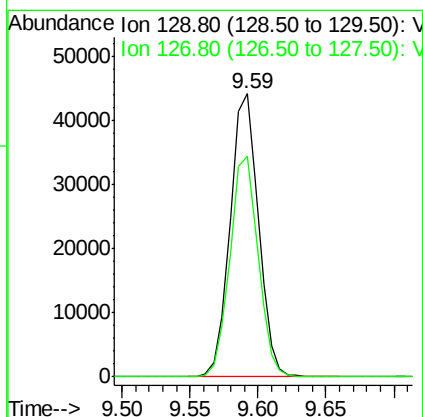
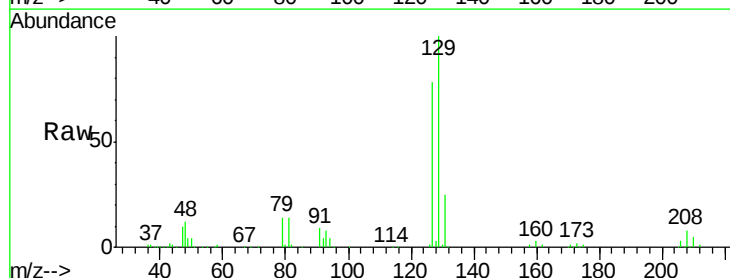
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

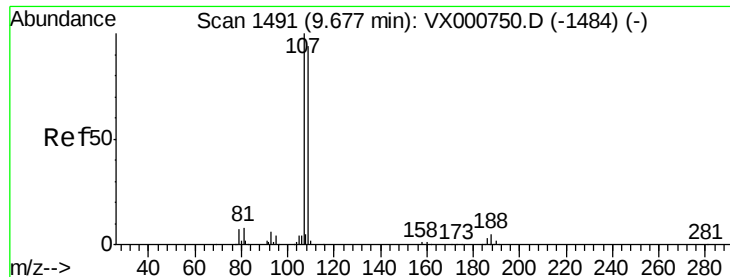
Tgt Ion: 43 Resp: 303562
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5



#60
Dibromochloromethane
Concen: 18.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion: 129 Resp: 64216
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

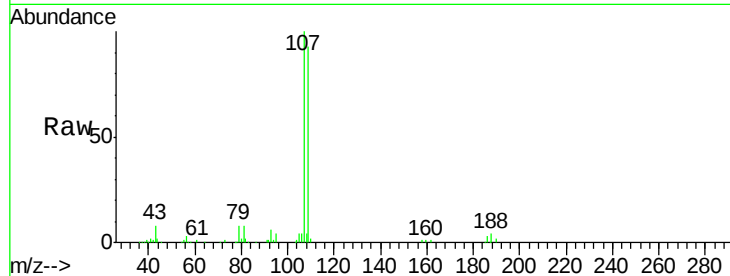
VX0412WBS02

Tgt Ion: 107 Resp: 61542

Ion Ratio Lower Upper

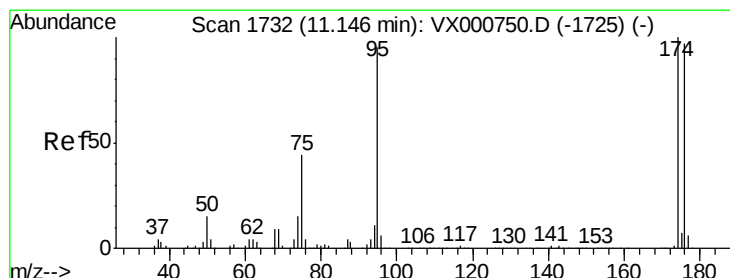
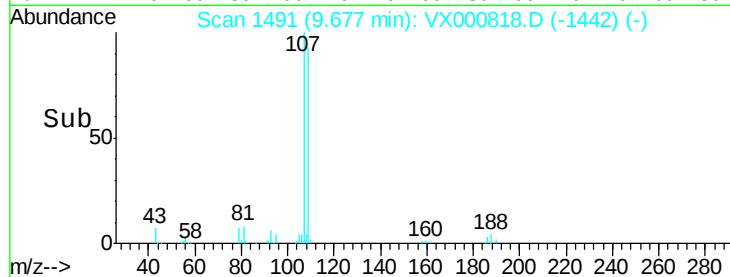
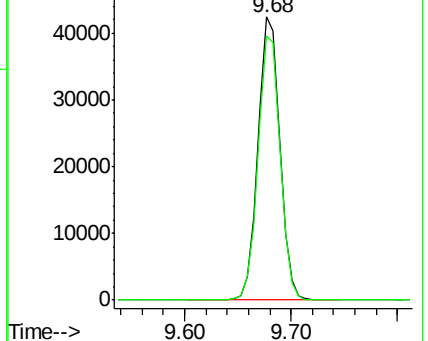
107 100

109 94.8 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

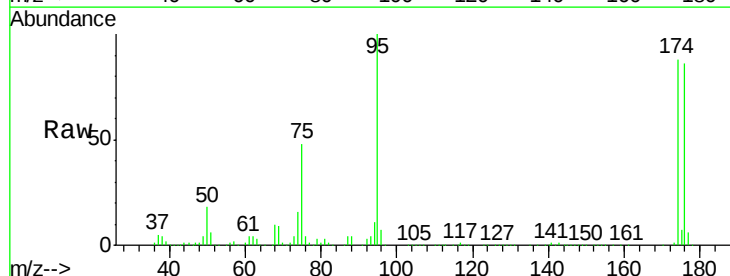
Tgt Ion: 95 Resp: 200019

Ion Ratio Lower Upper

95 100

174 99.2 0.0 198.4

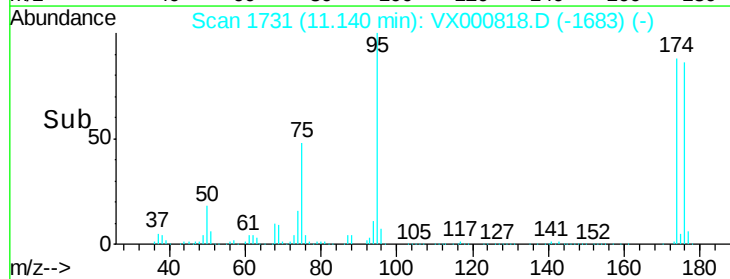
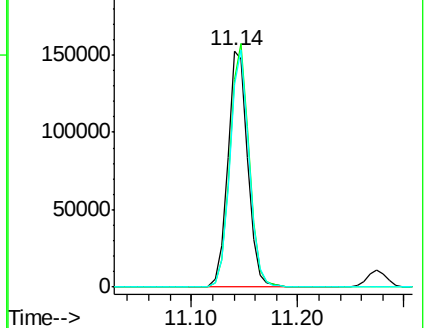
176 96.6 0.0 194.4

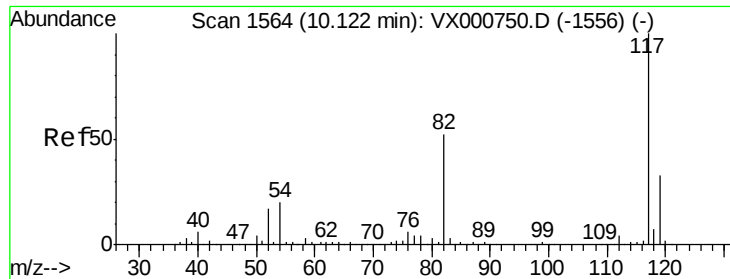


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

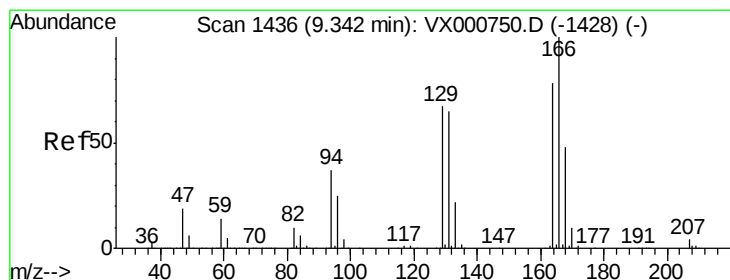
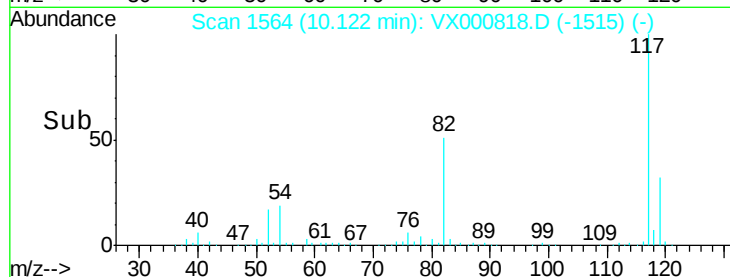
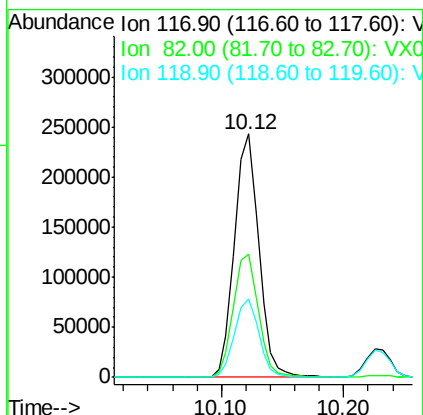
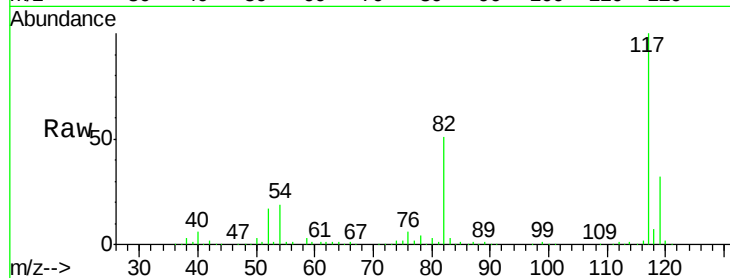




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

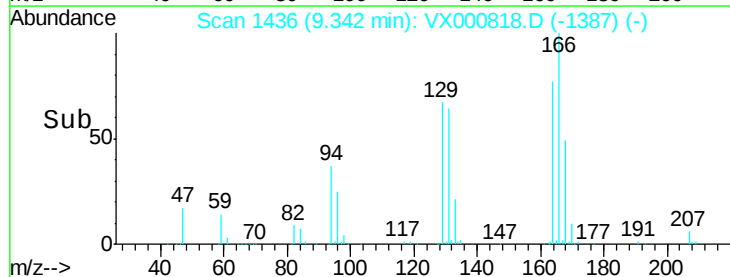
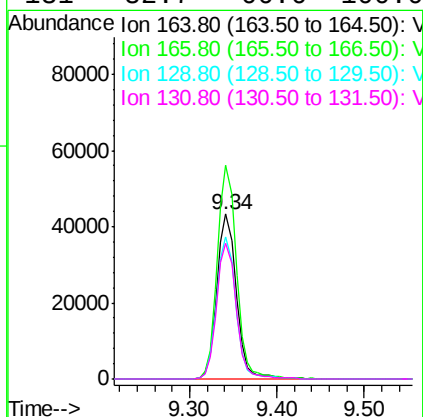
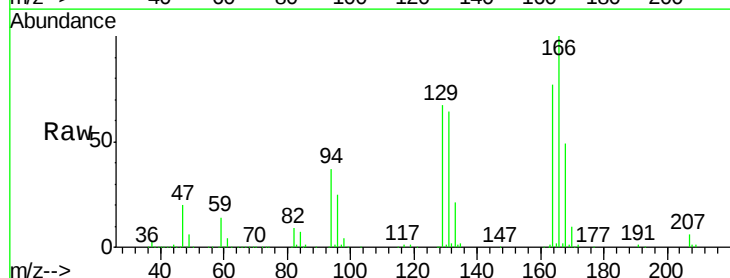
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

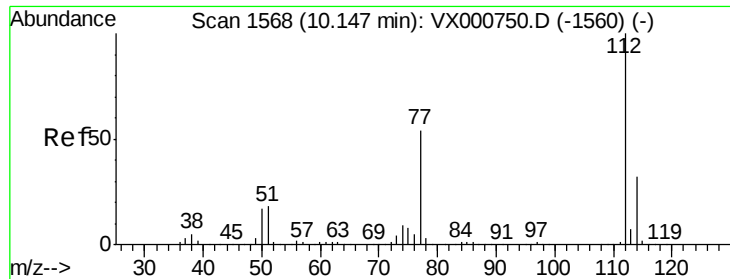
Tgt Ion:117 Resp: 336057
Ion Ratio Lower Upper
117 100
82 50.9 41.9 62.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 20.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:164 Resp: 66791
Ion Ratio Lower Upper
164 100
166 129.5 102.8 154.2
129 86.3 68.5 102.7
131 82.7 66.6 100.0

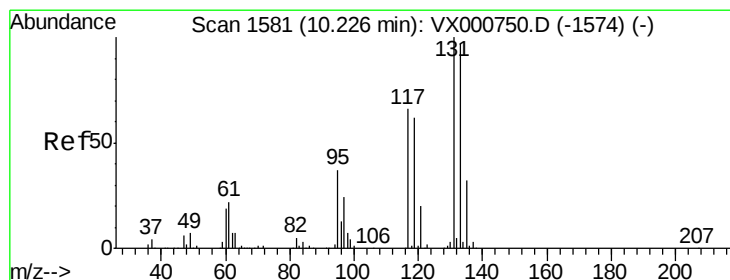
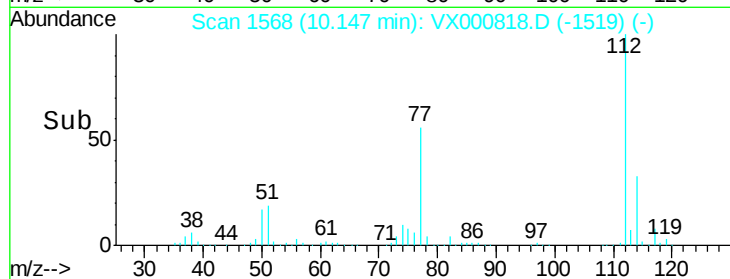
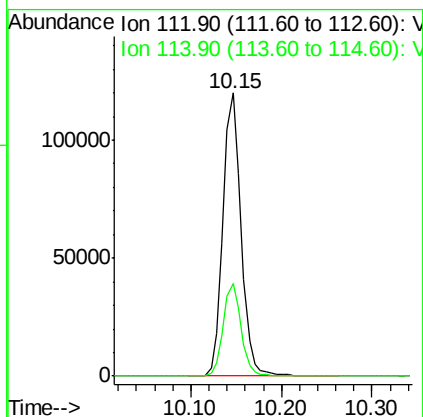
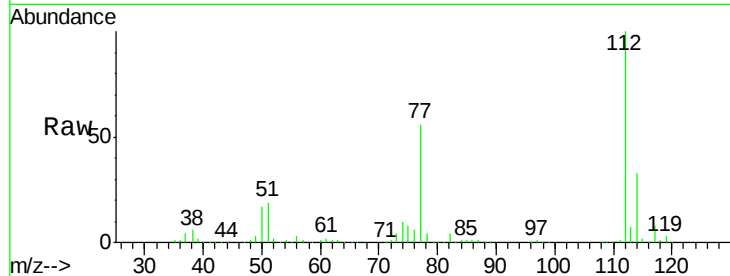




#65
Chlorobenzene
Concen: 19.81 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

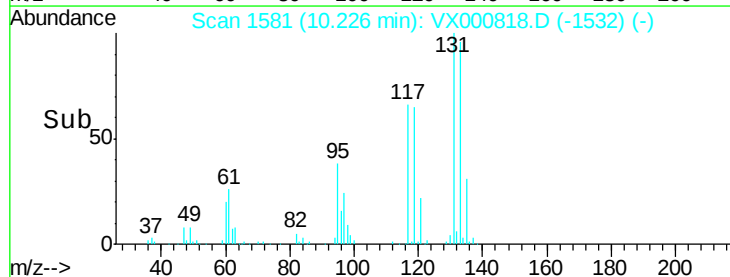
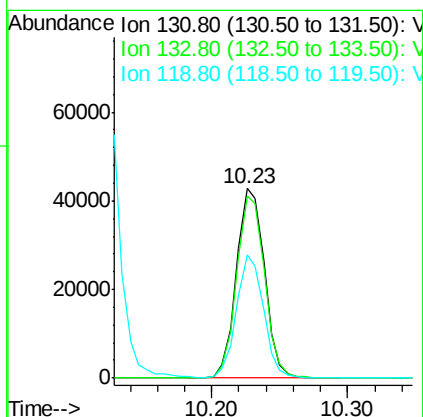
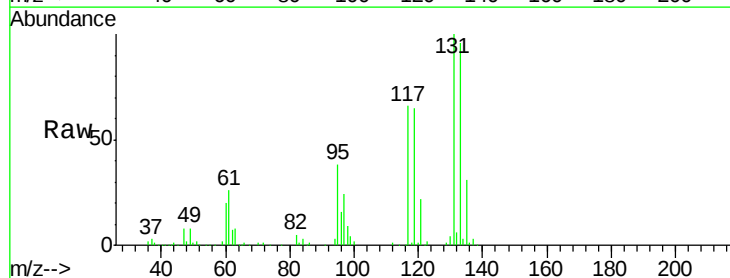
Instrument :
MSVOA_X
ClientSampled :
VX0412WBS02

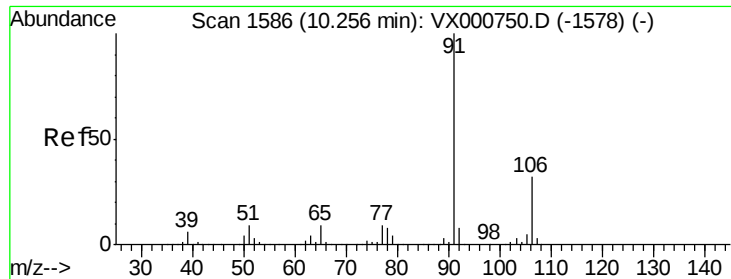
Tgt Ion:112 Resp: 167510
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:131 Resp: 61567
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.9
119 62.6 31.4 94.0

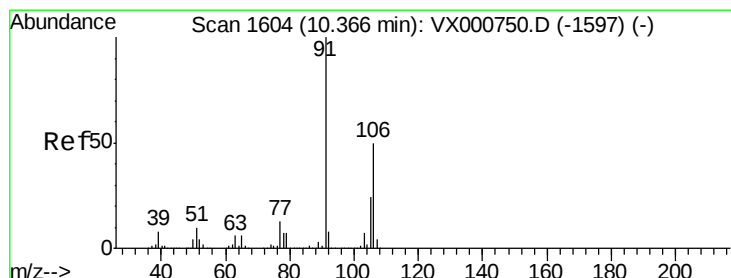
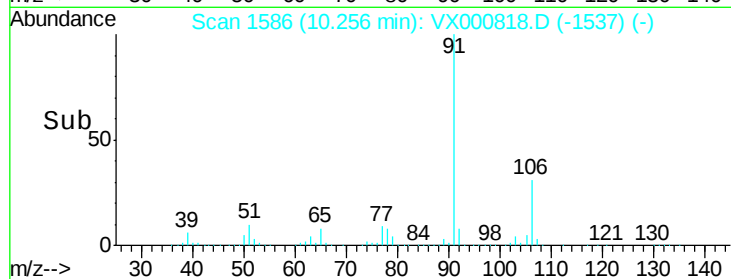
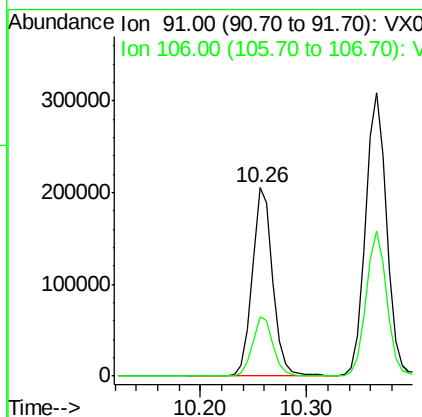
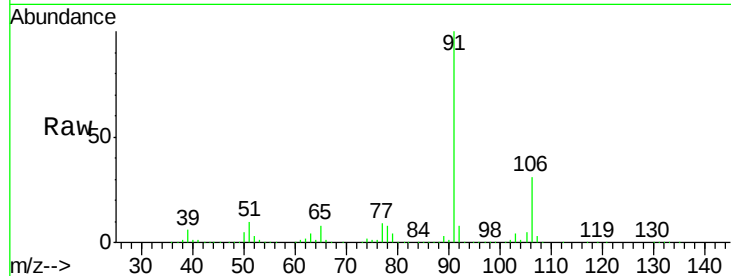




#67
Ethyl Benzene
Concen: 19.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

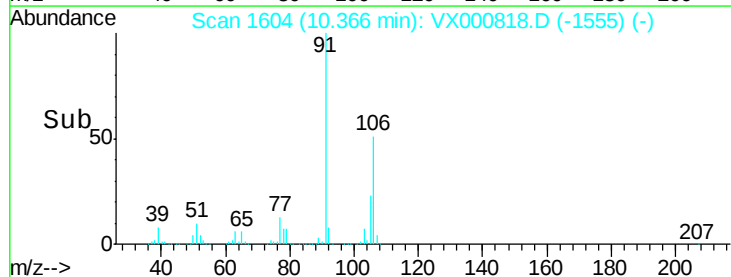
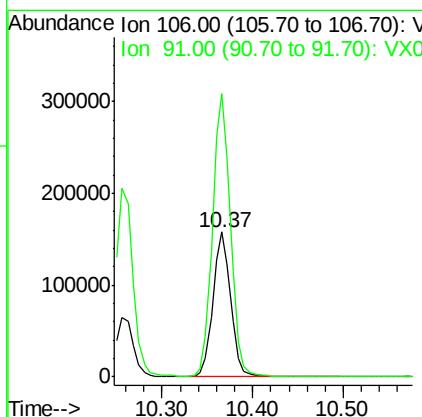
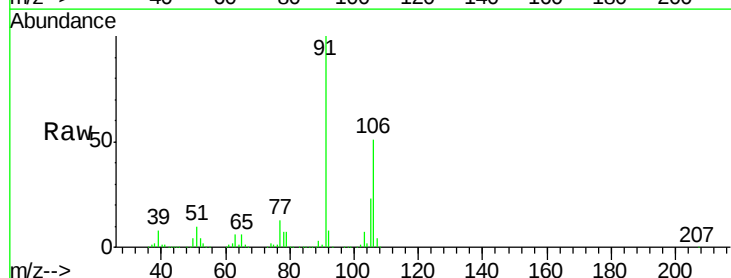
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

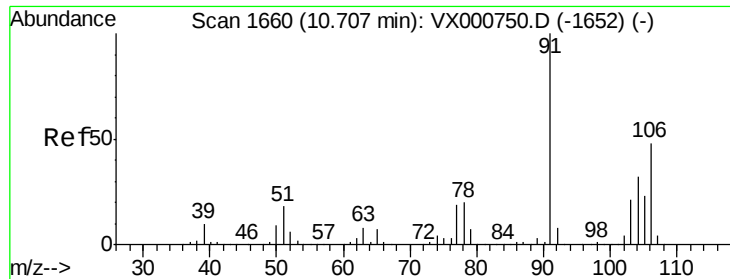
Tgt Ion: 91 Resp: 276764
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 39.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion: 106 Resp: 218073
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

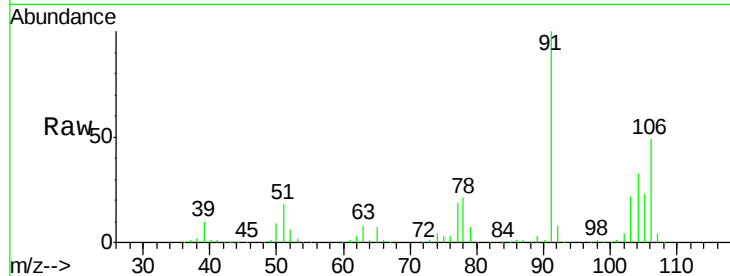




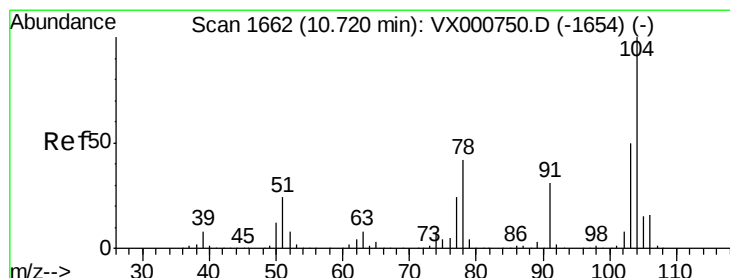
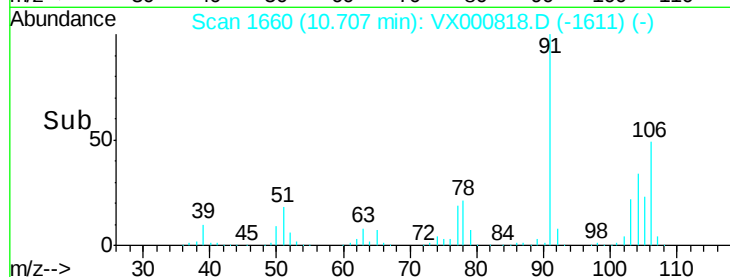
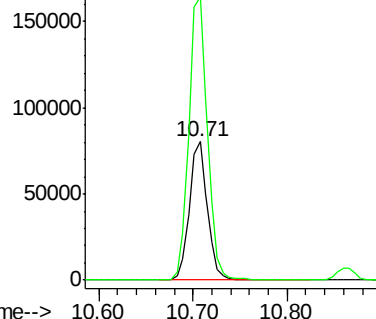
#69
o-Xylene
Concen: 19.88 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion:106 Resp: 106596
Ion Ratio Lower Upper
106 100
91 210.9 105.0 315.0

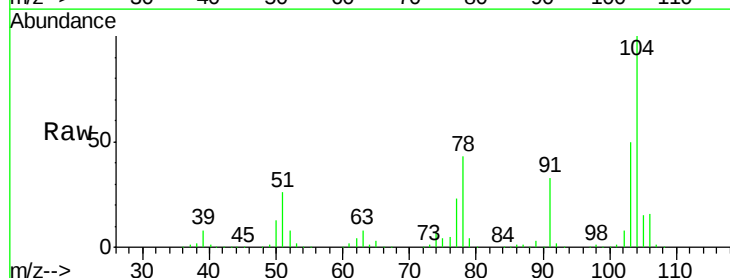


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

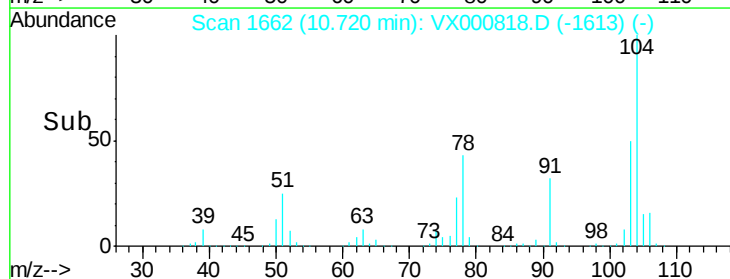
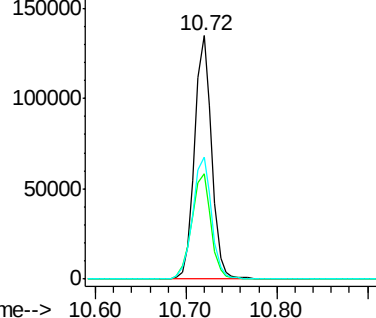


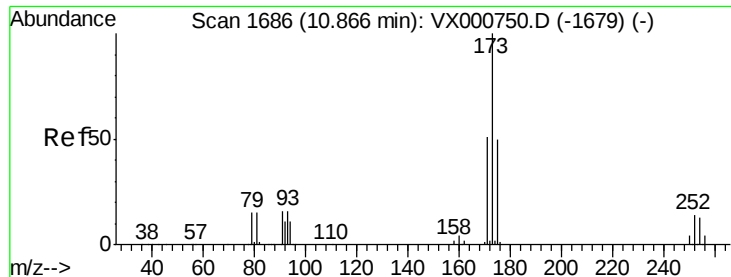
#70
Styrene
Concen: 19.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:104 Resp: 176946
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.6 44.1 66.1



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

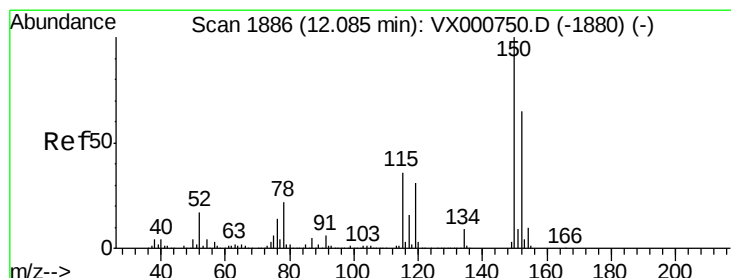
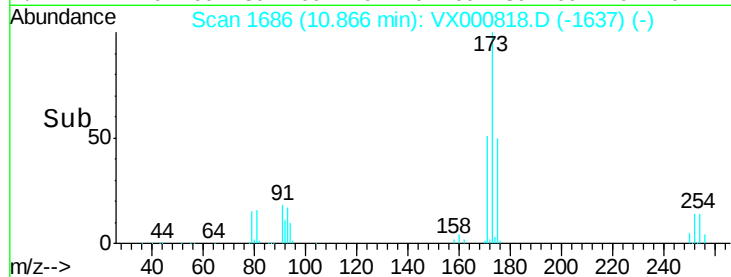
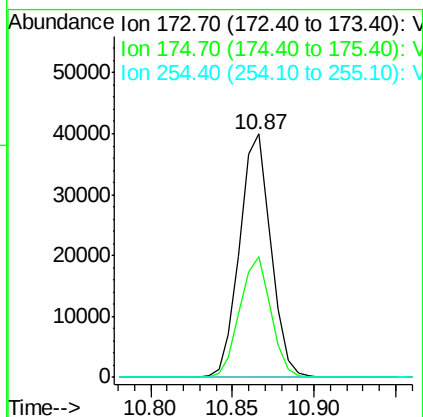
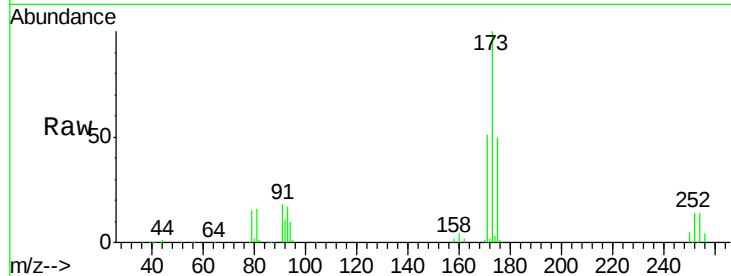




#71
Bromoform
Concen: 18.15 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

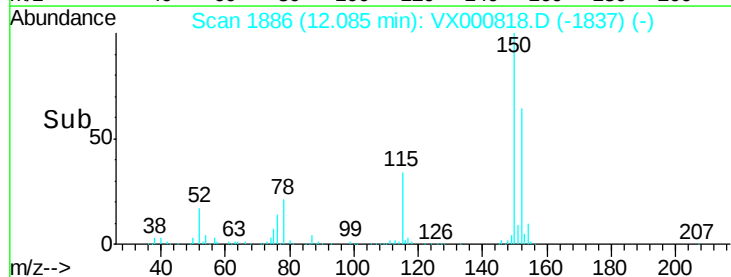
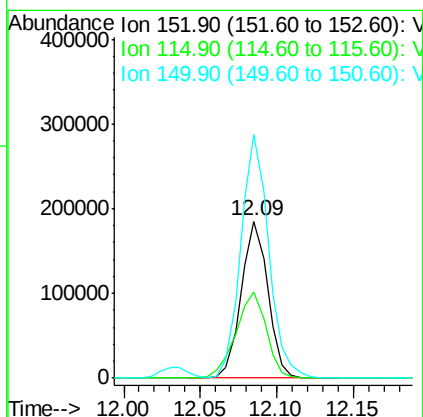
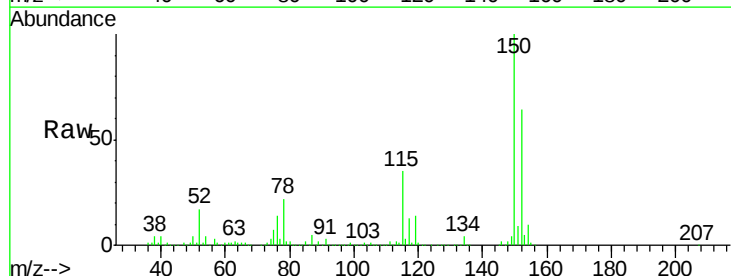
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

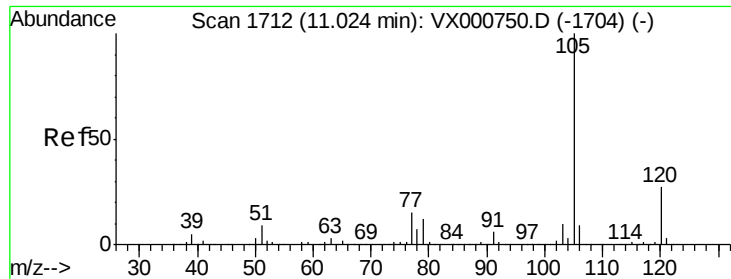
Tgt Ion:173 Resp: 53465
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:152 Resp: 223675
Ion Ratio Lower Upper
152 100
115 62.3 37.9 113.7
150 162.6 0.0 348.0





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampled :

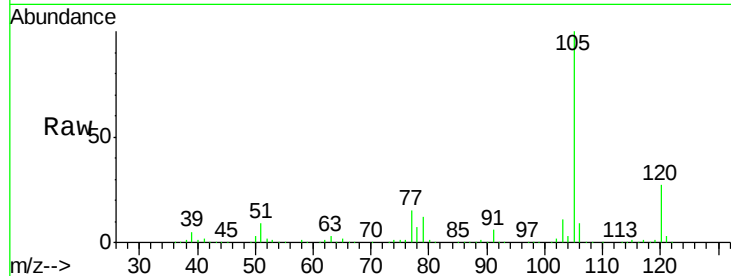
VX0412WBS02

Tgt Ion: 105 Resp: 287759

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

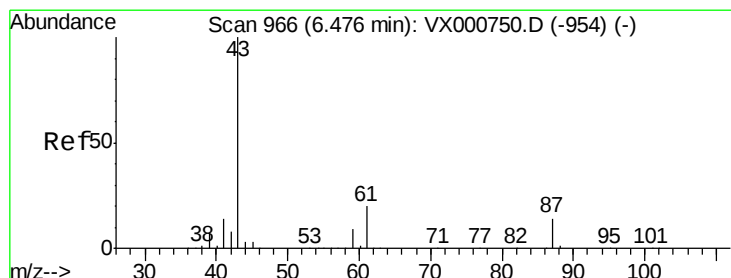
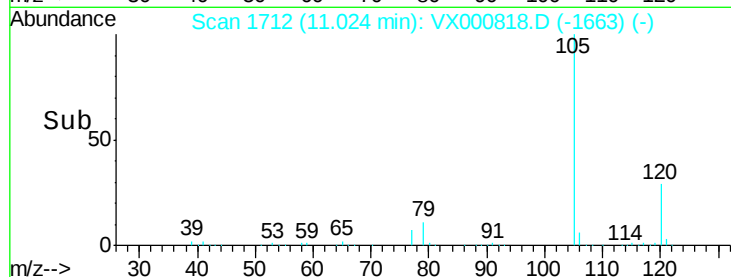
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion: 43 Resp: 130591

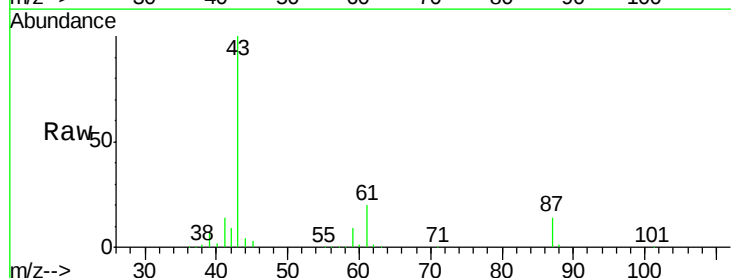
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.3 15.6 23.4



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

80000

60000

40000

20000

0

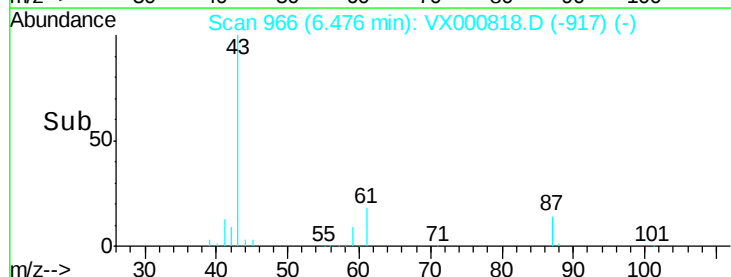
6.48

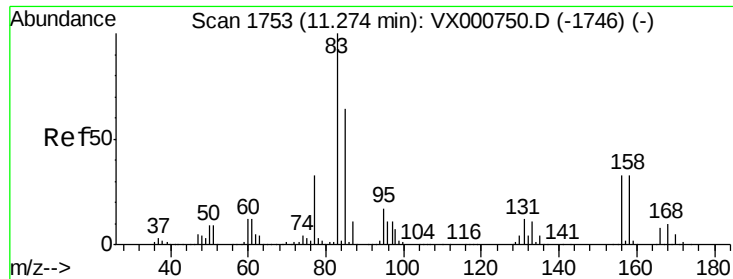
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

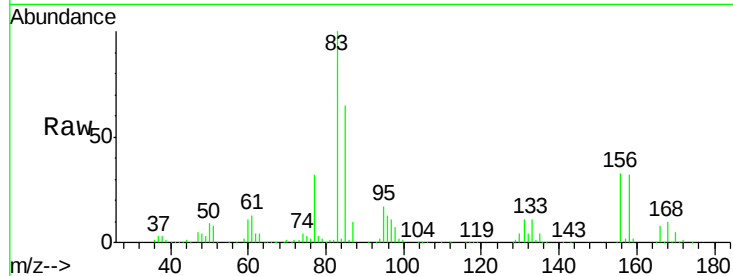
Tgt Ion: 83 Resp: 84729

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

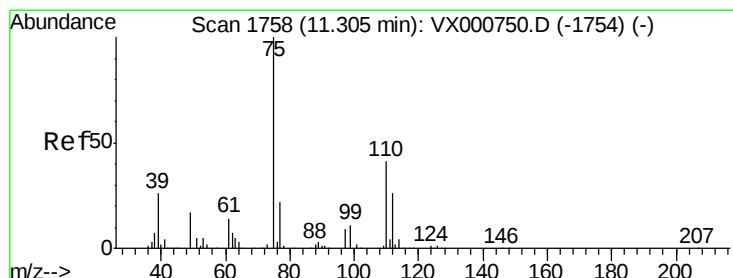
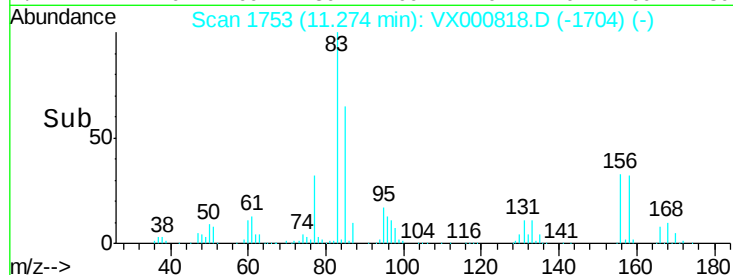
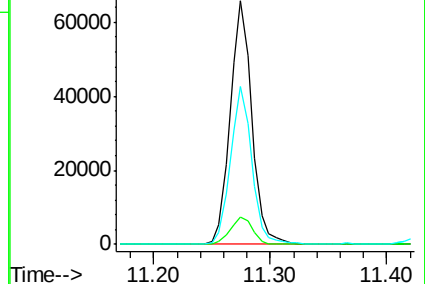
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.68 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000818.D

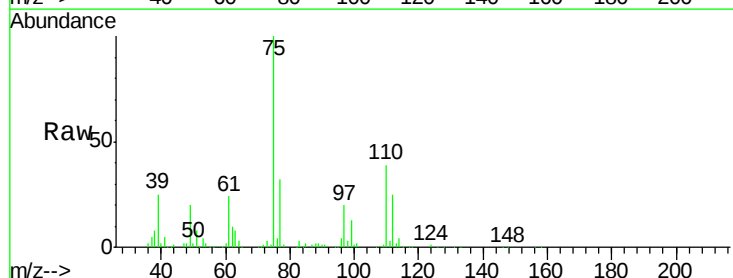
Acq: 12 Apr 2018 22:55

Tgt Ion: 75 Resp: 99066

Ion Ratio Lower Upper

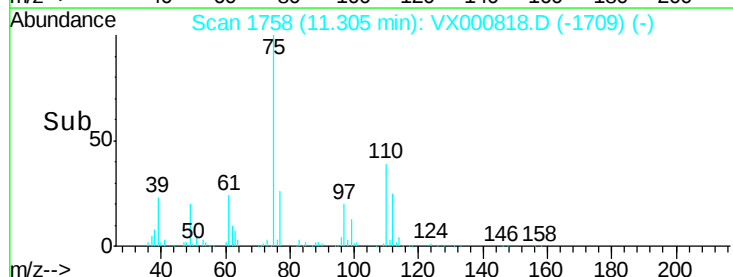
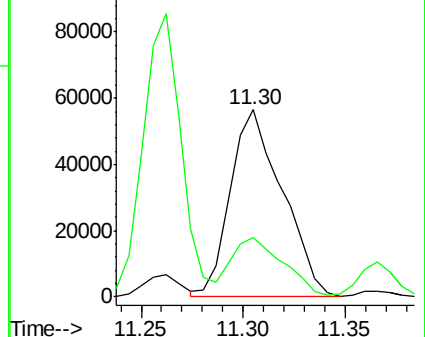
75 100

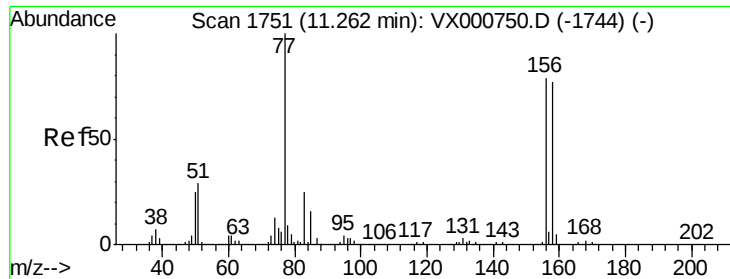
77 31.8 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

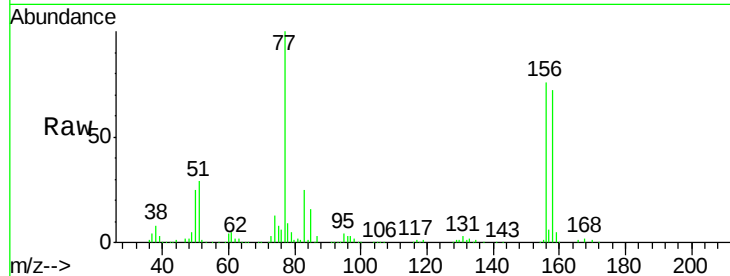
Tgt Ion:156 Resp: 82995

Ion Ratio Lower Upper

156 100

77 133.5 66.0 198.2

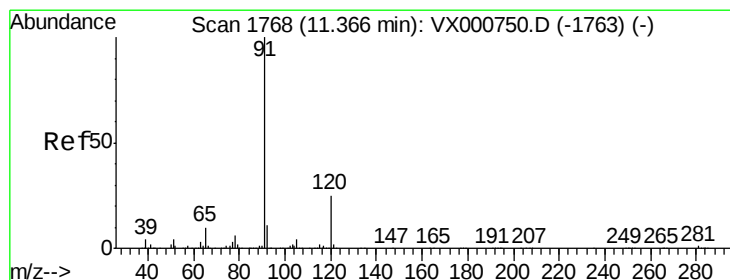
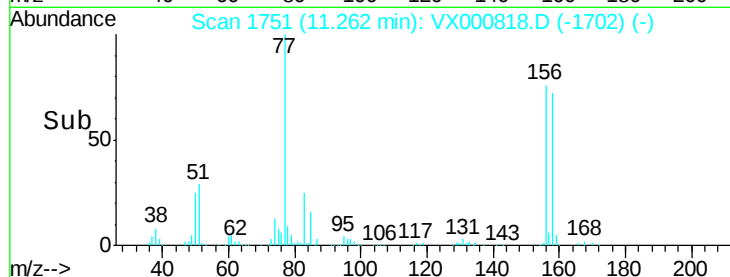
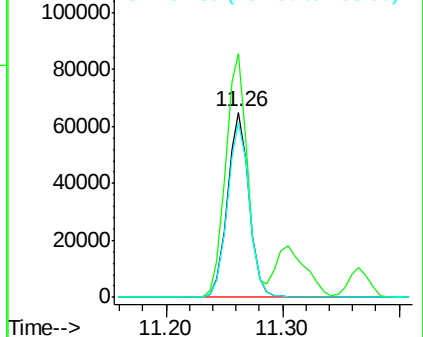
158 96.3 48.8 146.4



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: 19.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000818.D

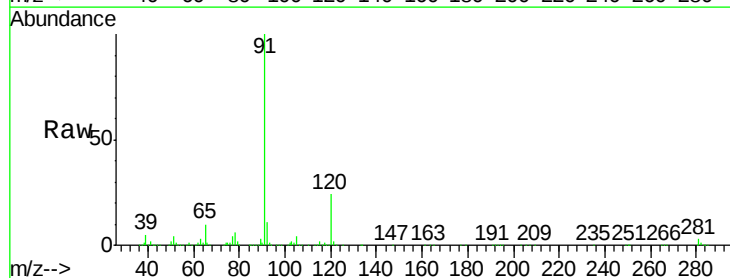
Acq: 12 Apr 2018 22:55

Tgt Ion: 91 Resp: 323146

Ion Ratio Lower Upper

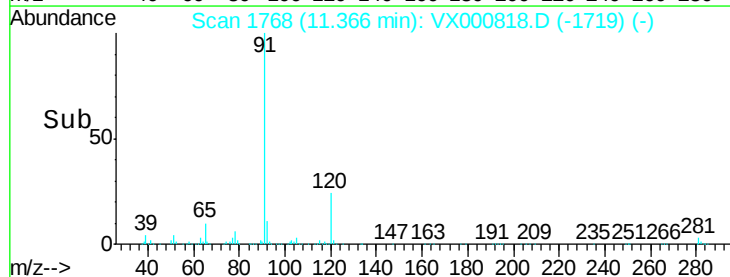
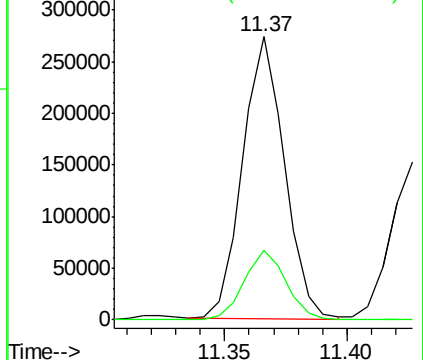
91 100

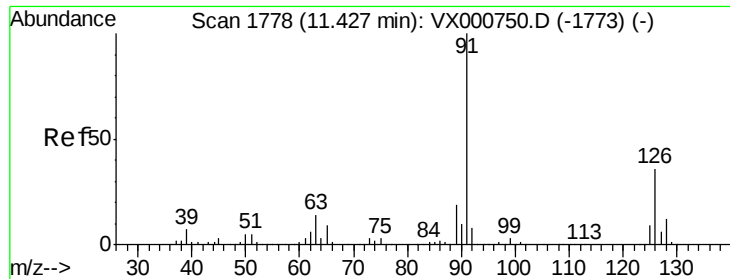
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

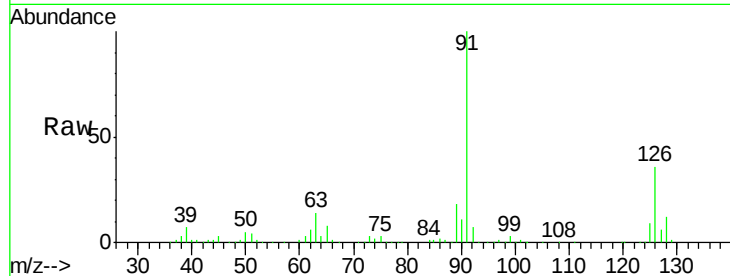
VX0412WBS02

Tgt Ion: 91 Resp: 191355

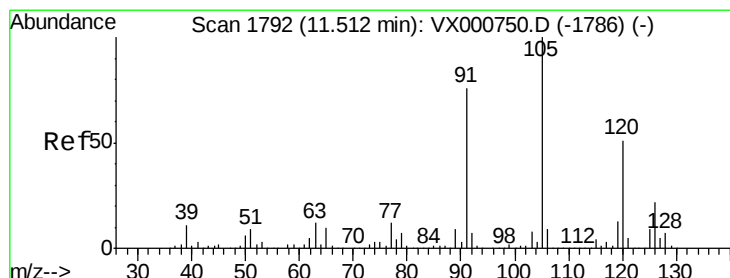
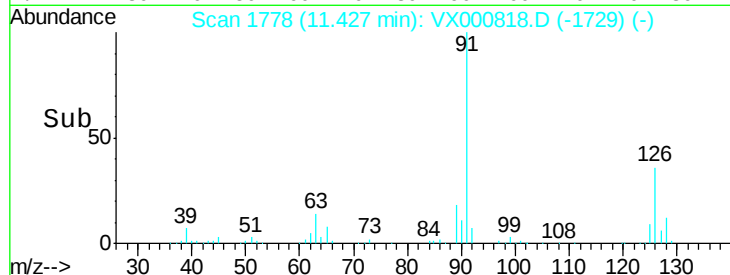
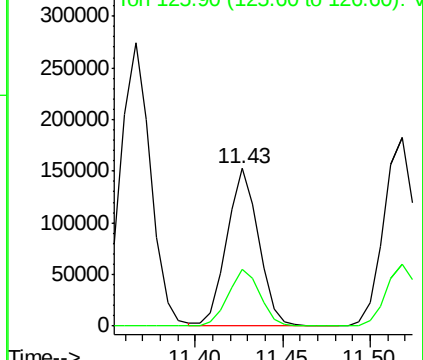
Ion Ratio Lower Upper

91 100

126 37.0 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000818.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000818.D

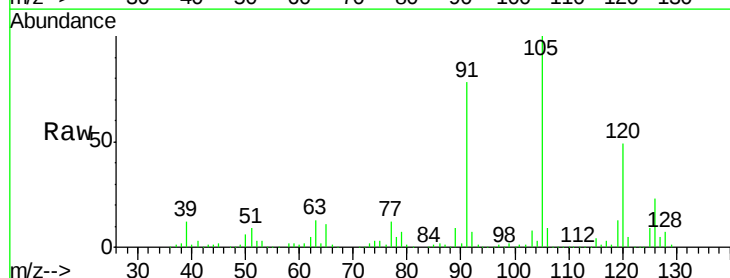
Acq: 12 Apr 2018 22:55

Tgt Ion: 105 Resp: 242447

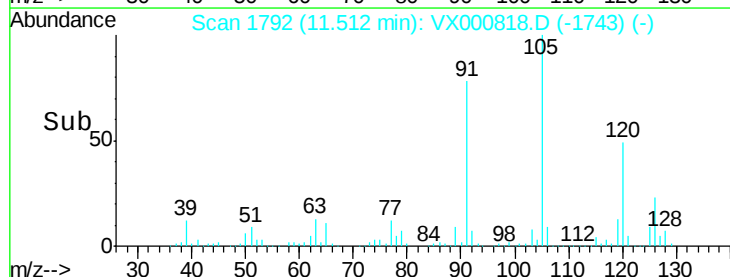
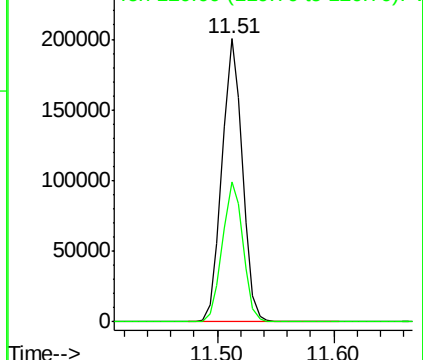
Ion Ratio Lower Upper

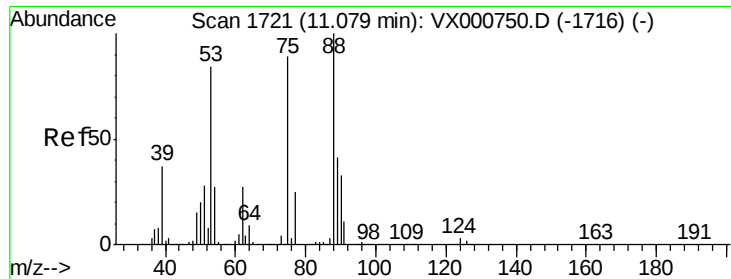
105 100

120 50.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000818.D (-1743) (-)

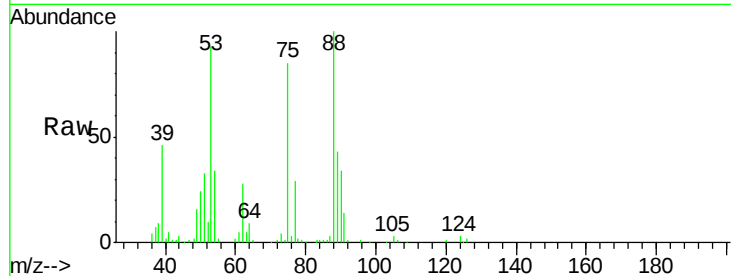




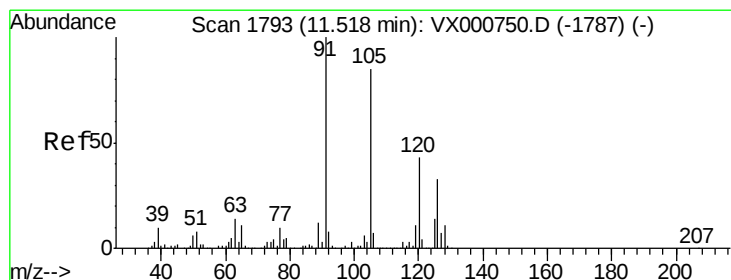
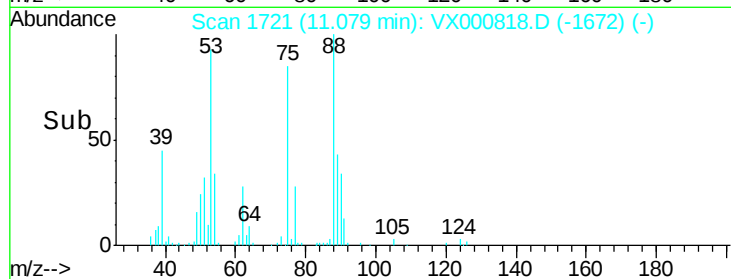
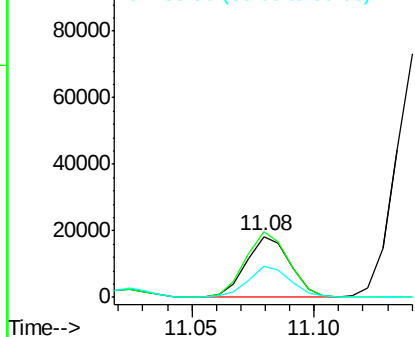
#81
trans-1,4-Dichloro-2-butene
Concen: 16.38 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 75 Resp: 22964
Ion Ratio Lower Upper
75 100
53 106.9 75.4 113.0
89 48.8 40.9 61.3

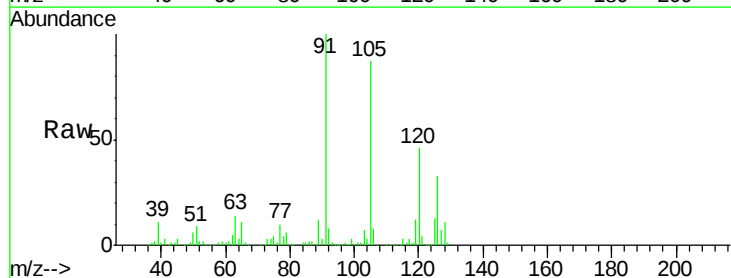


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

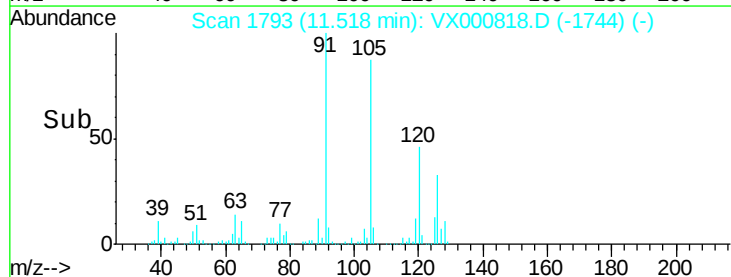
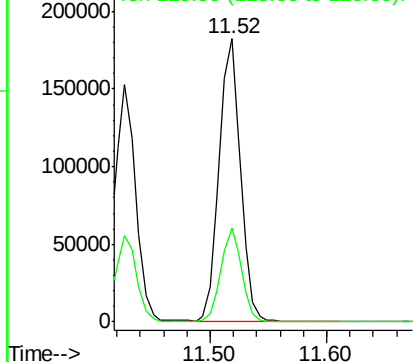


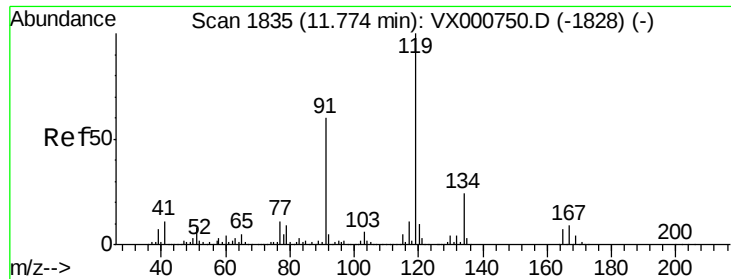
#82
4-Chlorotoluene
Concen: 19.94 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion: 91 Resp: 230849
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



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

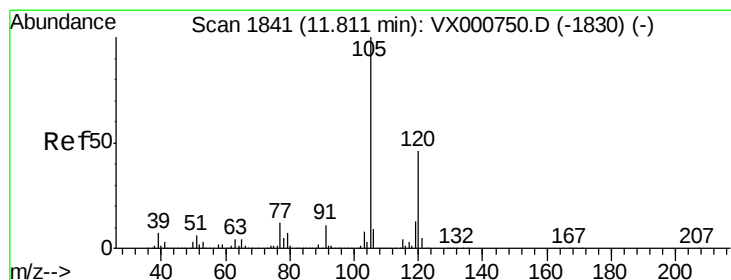
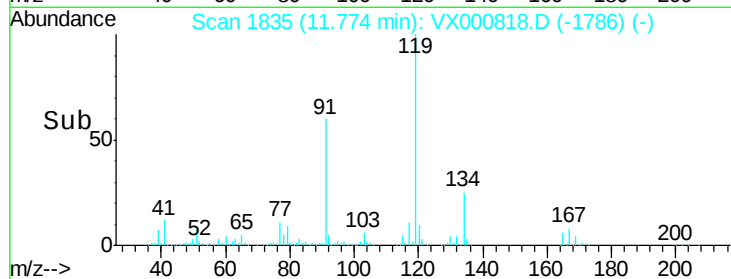
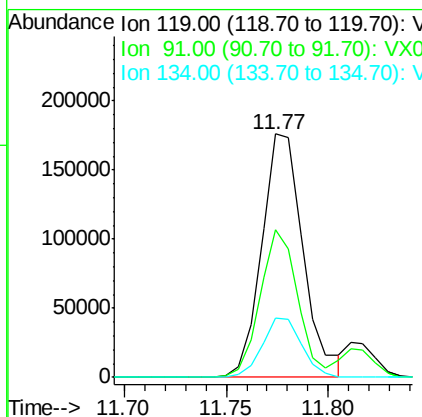
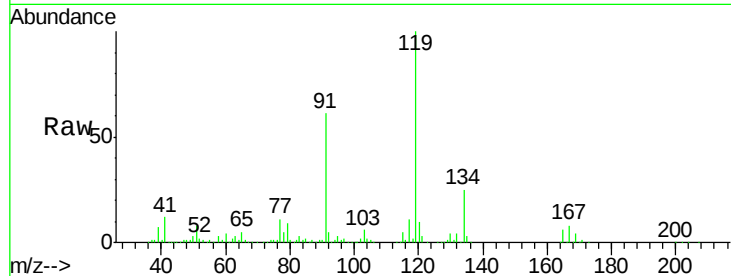




#83
 tert-Butylbenzene
 Concen: 19.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

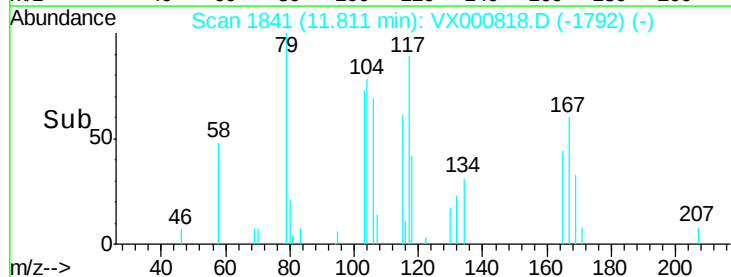
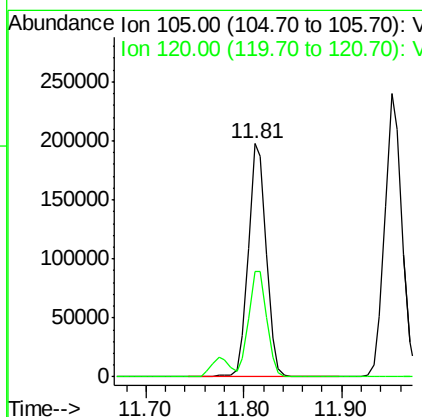
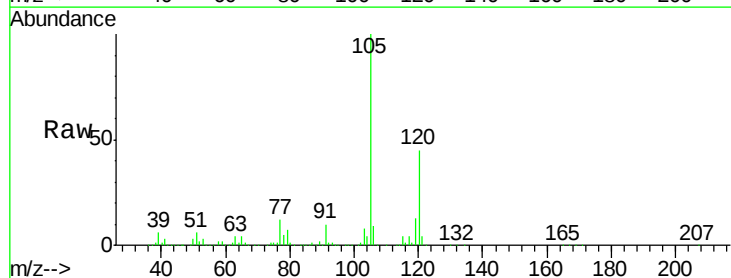
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

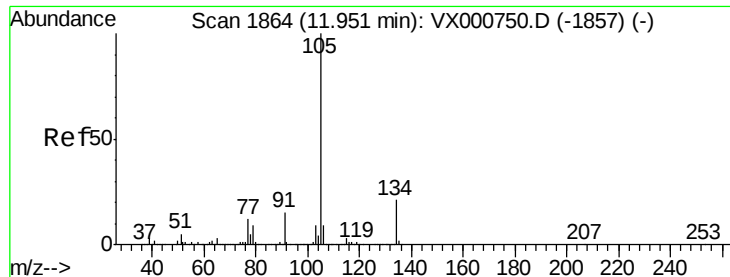
Tgt Ion:119 Resp: 248957
 Ion Ratio Lower Upper
 119 100
 91 55.0 26.8 80.3
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.92 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion:105 Resp: 250986
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3

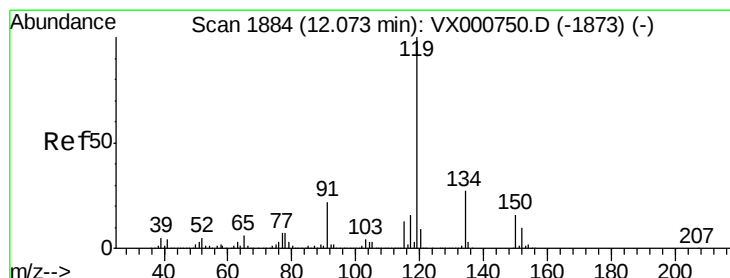
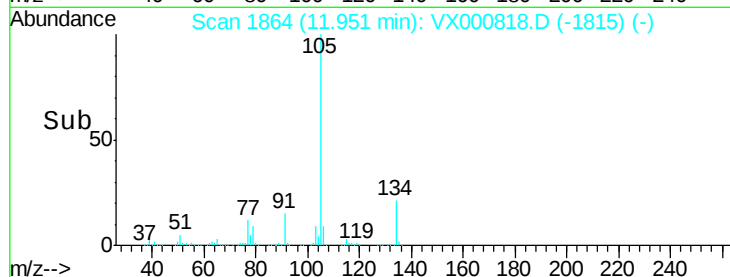
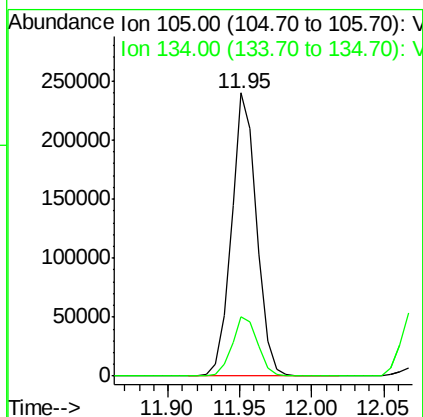
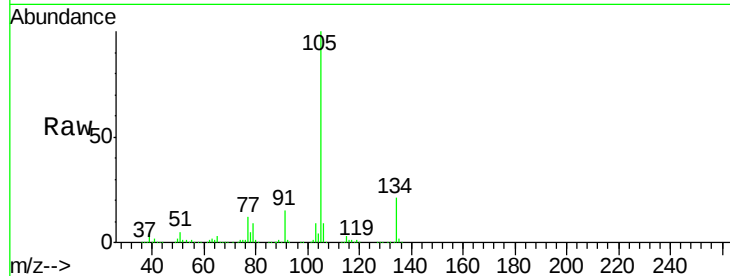




#85
 sec-Butylbenzene
 Concen: 19.89 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

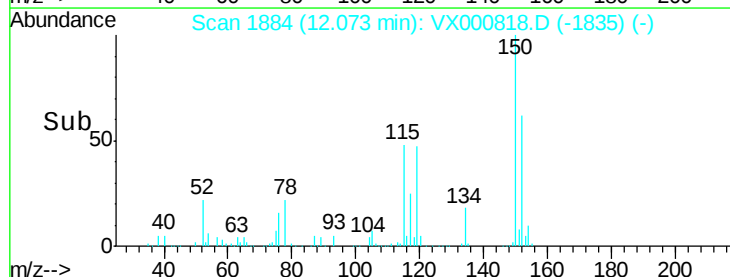
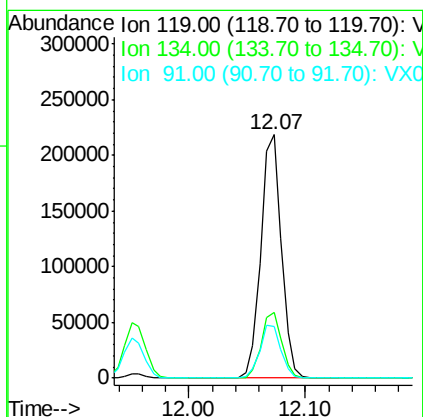
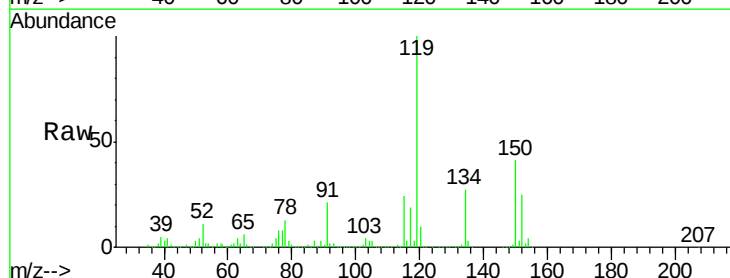
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

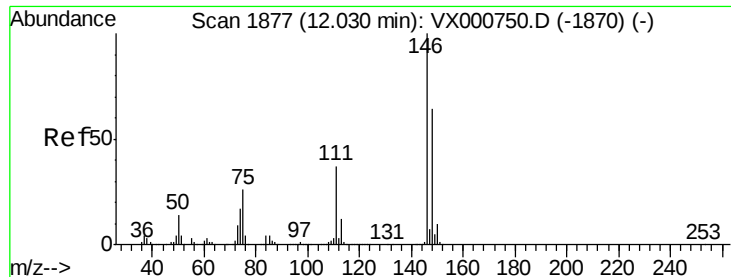
Tgt Ion:105 Resp: 292917
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 19.63 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion:119 Resp: 269546
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.74 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

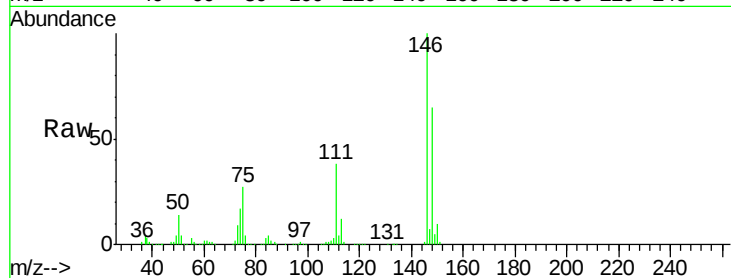
Tgt Ion:146 Resp: 151928

Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

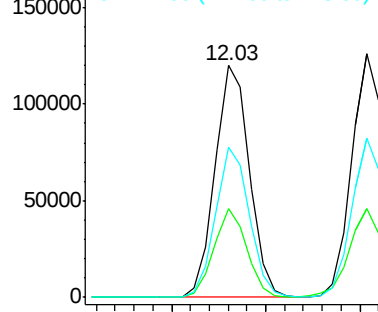
148 63.8 32.2 96.6



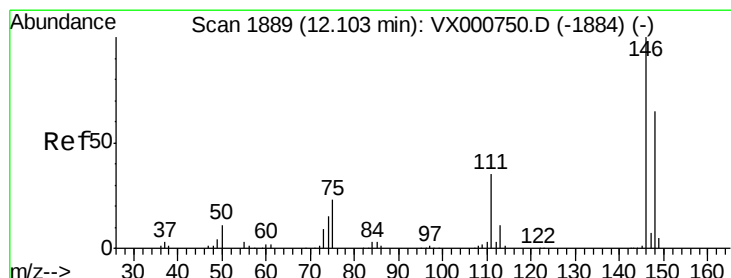
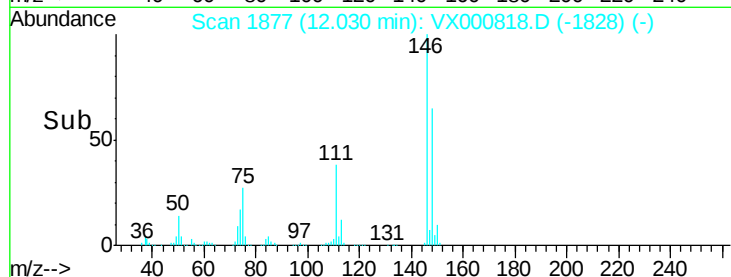
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#88

1,4-Dichlorobenzene

Concen: 19.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

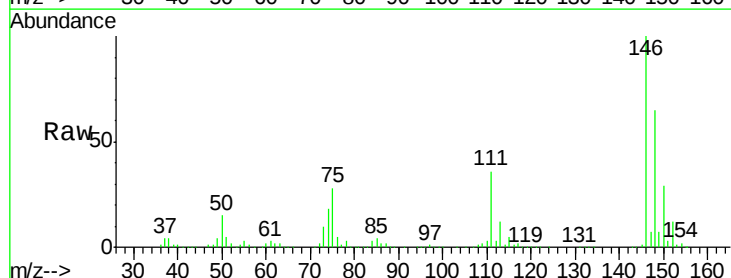
Tgt Ion:146 Resp: 153971

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

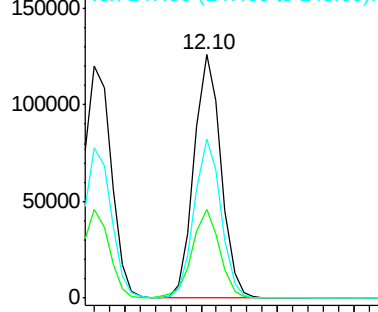
148 65.2 32.6 97.7



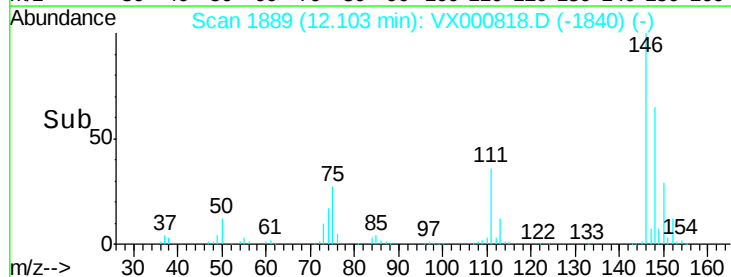
Abundance Ion 145.90 (145.60 to 146.60): V

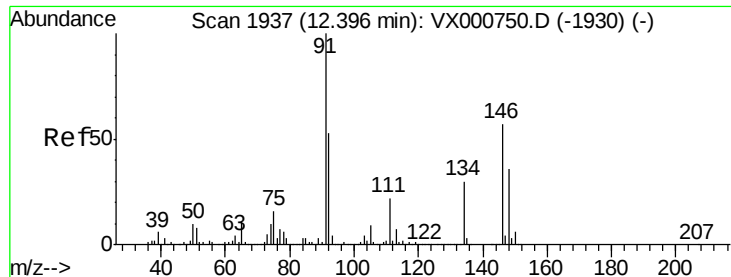
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#89

n-Butylbenzene

Concen: 19.27 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS02

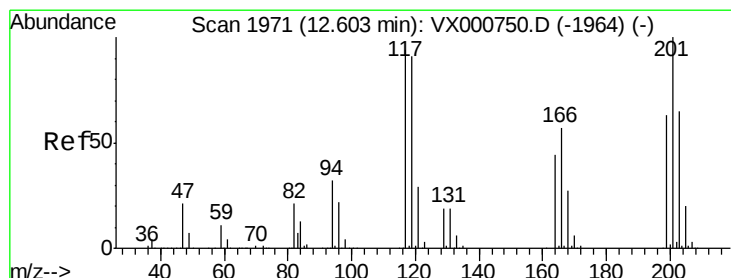
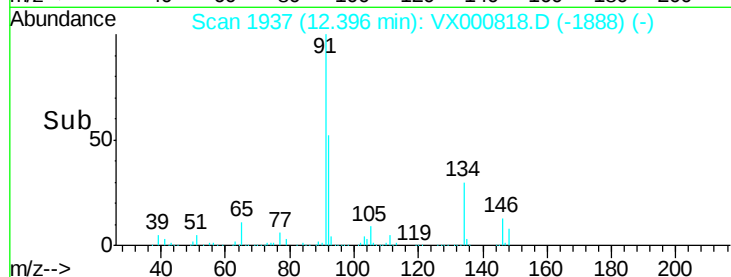
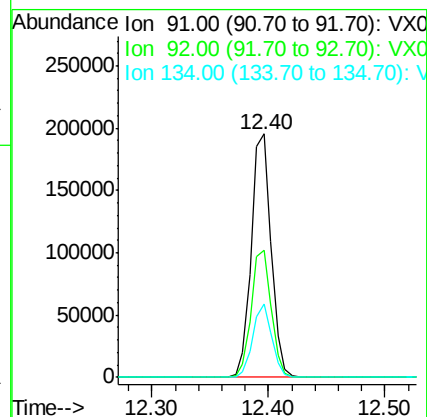
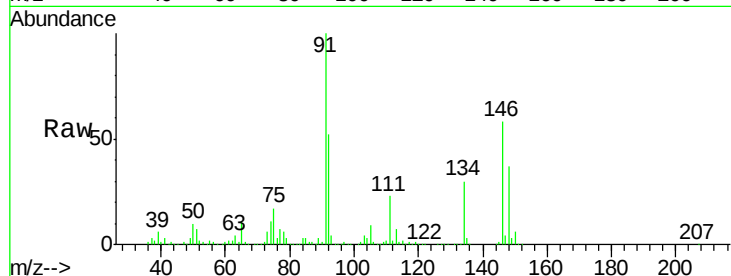
Tgt Ion: 91 Resp: 233585

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 28.8 14.5 43.5



#90

Hexachloroethane

Concen: 17.85 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000818.D

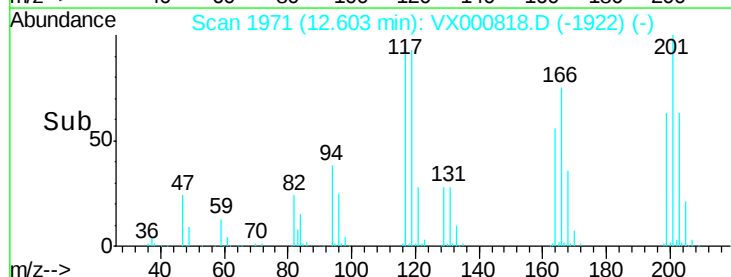
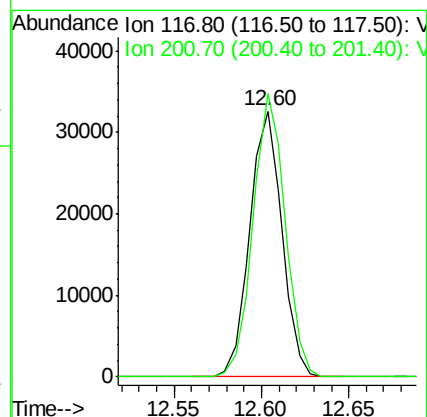
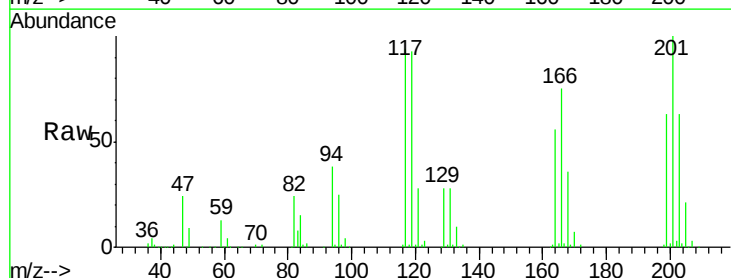
Acq: 12 Apr 2018 22:55

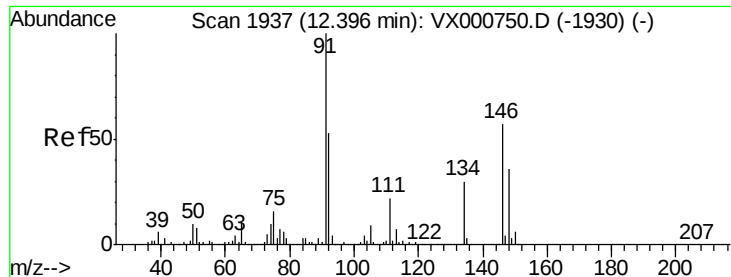
Tgt Ion: 117 Resp: 41490

Ion Ratio Lower Upper

117 100

201 106.3 52.9 158.7

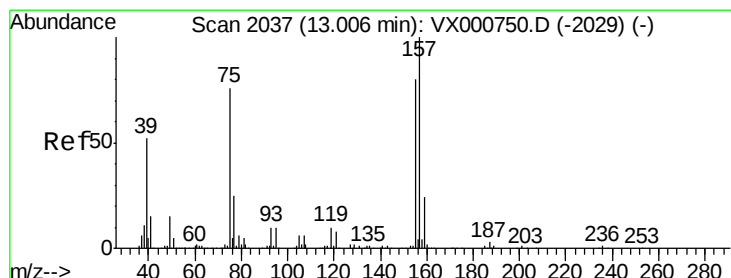
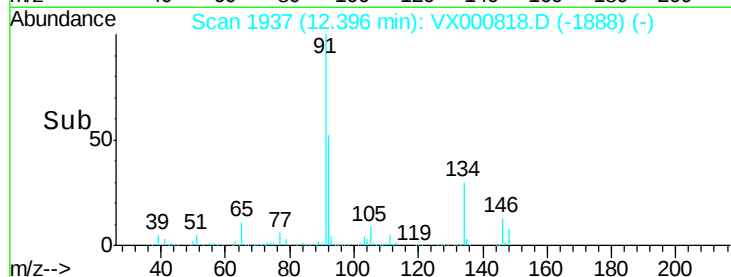
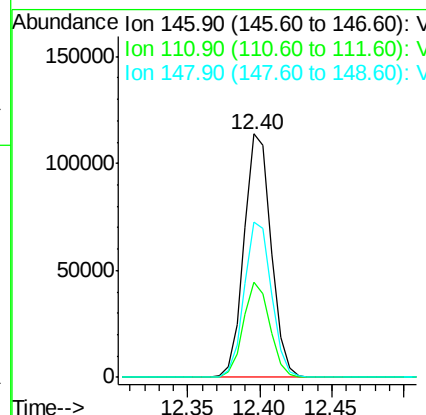
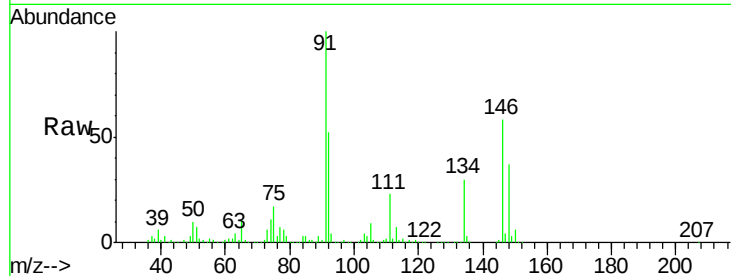




#91
 1,2-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

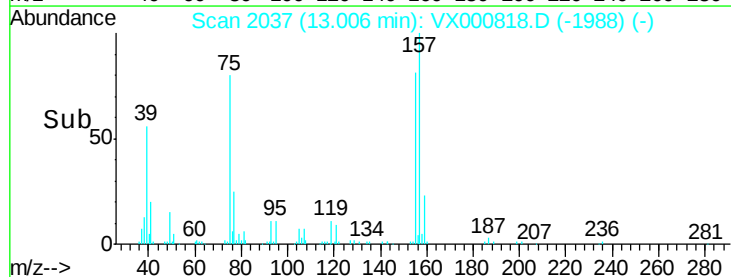
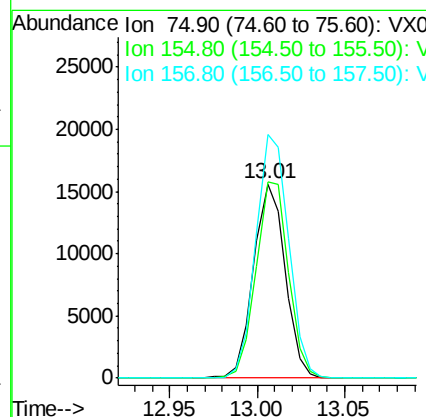
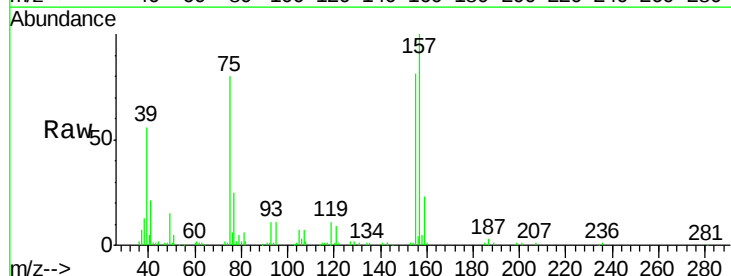
Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS02

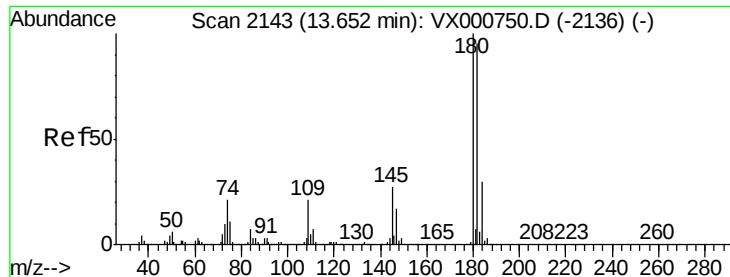
Tgt Ion:146 Resp: 148129
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion: 75 Resp: 19650
 Ion Ratio Lower Upper
 75 100
 155 103.8 51.9 155.8
 157 129.9 66.6 199.8

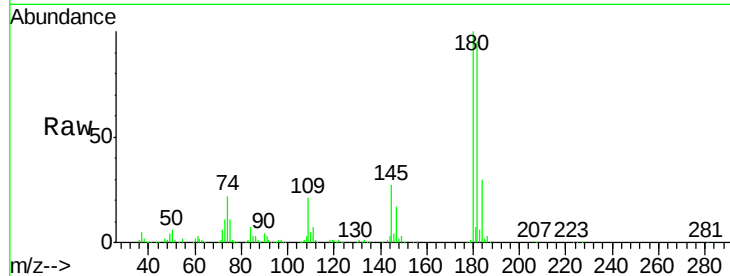




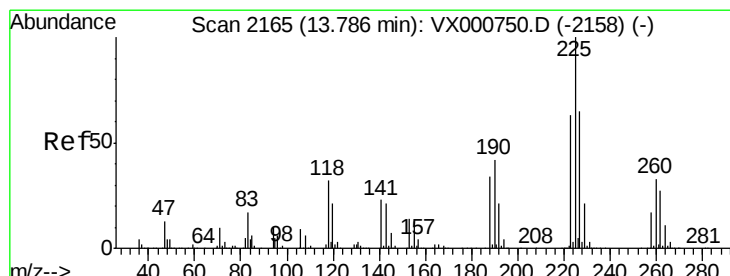
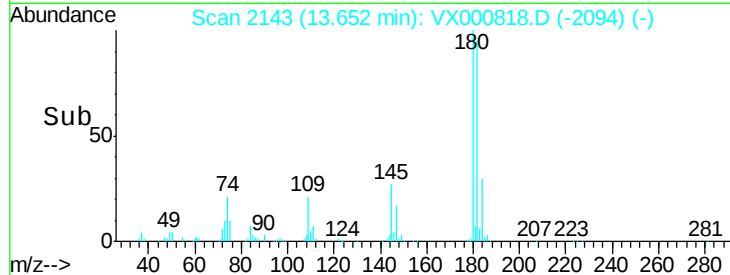
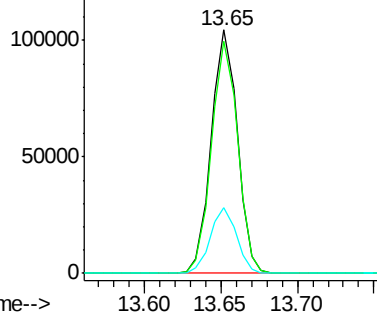
#93
 1,2,4-Trichlorobenzene
 Concen: 19.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS02

Tgt Ion:180 Resp: 123925
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 27.1 13.8 41.4

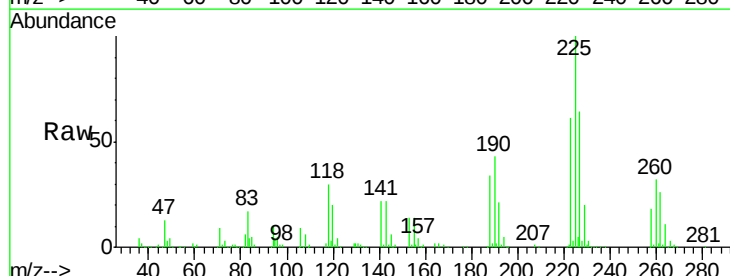


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

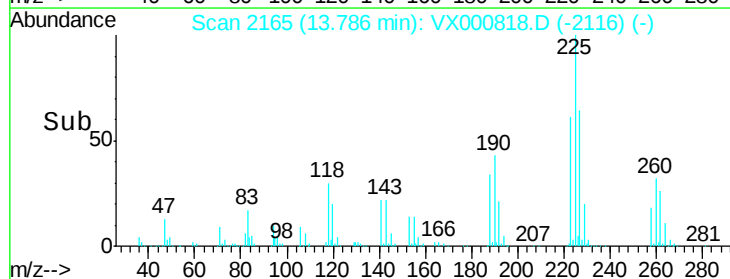
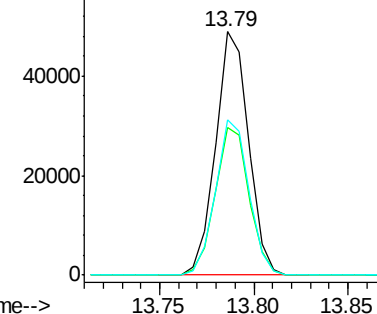


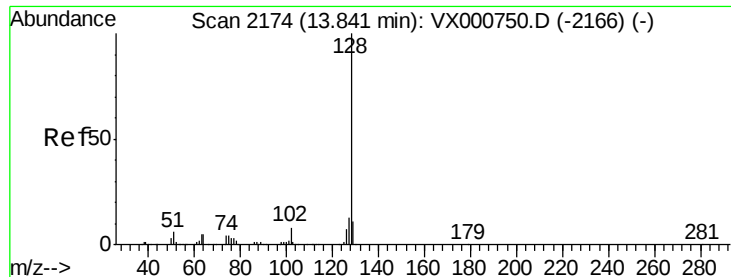
#94
 Hexachlorobutadiene
 Concen: 19.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion:225 Resp: 59329
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 64.4 32.3 96.9



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

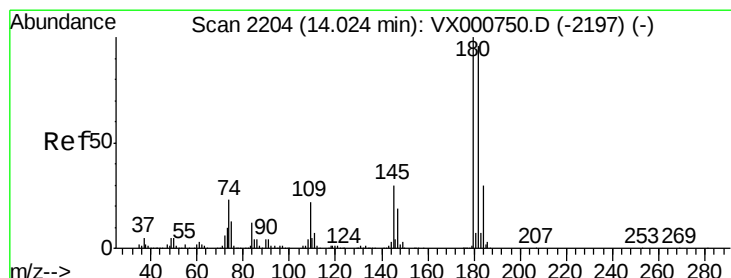
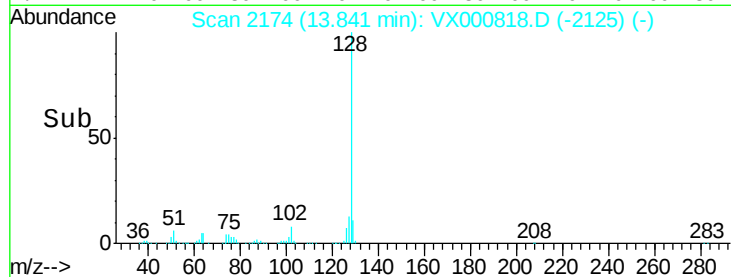
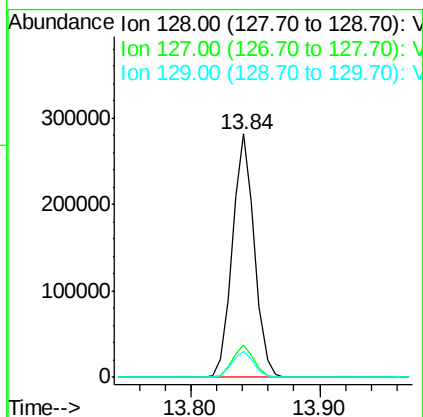
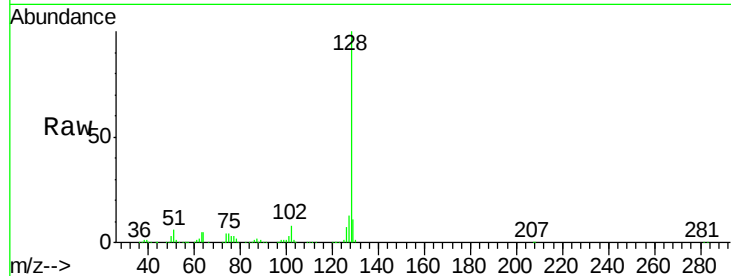




#95
Naphthalene
Concen: 20.53 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion:128 Resp: 334088
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.87 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:180 Resp: 122377
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.2
145 29.1 14.6 43.8

