

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000819.D
 Acq On : 12 Apr 2018 23:21
 Operator : JC/MD
 Sample : VX0412WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Quant Time: Apr 13 06:59:20 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	252075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161729	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	136232	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.73	98	500224	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.14	95	202151	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59420	20.88	ug/l	98
3) Chloromethane	1.32	50	45929	18.83	ug/l	99
4) Vinyl Chloride	1.40	62	57820	21.07	ug/l	97
5) Bromomethane	1.64	94	29959	25.70	ug/l	95
6) Chloroethane	1.73	64	36037	21.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	86797	20.96	ug/l	99
8) Diethyl Ether	2.19	74	33319	21.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50973	20.88	ug/l	99
10) Methyl Iodide	2.51	142	21815	17.82	ug/l	99
11) Tert butyl alcohol	3.08	59	60433	107.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	48785	21.09	ug/l	99
13) Acrolein	2.30	56	17307	63.16	ug/l	97
14) Allyl chloride	2.73	41	88251	20.63	ug/l	98
15) Acrylonitrile	3.15	53	137818	114.55	ug/l	100
16) Acetone	2.45	43	112126	102.30	ug/l	98
17) Carbon Disulfide	2.57	76	131841	18.82	ug/l	98
18) Methyl Acetate	2.78	43	68210	24.05	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	169729	22.03	ug/l	98
20) Methylene Chloride	2.86	84	53784	21.10	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	52824	20.71	ug/l	97
22) Diisopropyl ether	3.88	45	176686	22.47	ug/l	97
23) Vinyl Acetate	3.83	43	772625	111.93	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98622	22.36	ug/l	98
25) 2-Butanone	4.72	43	201533	111.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75728	17.29	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62737	21.67	ug/l	98
28) Bromochloromethane	5.03	49	38194	21.50	ug/l	98
29) Tetrahydrofuran	5.18	42	129275	112.49	ug/l	99
30) Chloroform	5.23	83	101557	21.74	ug/l	95
31) Cyclohexane	5.59	56	85990	20.52	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	94007	21.13	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76633	19.96	ug/l	99
37) Ethyl Acetate	4.87	43	79438	21.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	84871	19.75	ug/l	97

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Quant Time: Apr 13 06:59:20 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)
39) Methylcyclohexane	7.47	83	88170	19.12	ug/l	98
40) Benzene	6.15	78	224141	21.01	ug/l	99
41) Methacrylonitrile	5.07	41	46906	21.66	ug/l	99
42) 1,2-Dichloroethane	6.21	62	84292	21.15	ug/l	100
43) Isopropyl Acetate	6.48	43	133236	20.73	ug/l	100
44) Trichloroethene	7.22	130	68432	20.62	ug/l	99
45) 1,2-Dichloropropane	7.53	63	56527	20.80	ug/l	99
46) Dibromomethane	7.67	93	39277	20.73	ug/l	100
47) Bromodichloromethane	7.91	83	77663	20.31	ug/l	99
48) Methyl methacrylate	7.79	41	70904	21.28	ug/l	99
49) 1,4-Dioxane	7.76	88	26936	402.31	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	414336	109.74	ug/l	100
52) Toluene	8.79	92	146241	20.66	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	91093	19.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	86797	19.44	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	58987	20.99	ug/l	97
56) Ethyl methacrylate	9.19	69	89906	20.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	97153	21.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222226	109.71	ug/l	99
59) 2-Hexanone	9.51	43	310130	106.40	ug/l	100
60) Dibromochloromethane	9.59	129	66720	19.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63813	21.40	ug/l	99
64) Tetrachloroethene	9.34	164	69102	21.59	ug/l	99
65) Chlorobenzene	10.15	112	172638	20.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63806	20.59	ug/l	99
67) Ethyl Benzene	10.26	91	285397	20.79	ug/l	99
68) m/p-Xylenes	10.37	106	222351	41.04	ug/l	98
69) o-Xylene	10.71	106	110112	21.08	ug/l	98
70) Styrene	10.72	104	181360	20.60	ug/l	99
71) Bromoform	10.87	173	55849	19.46	ug/l #	99
73) Isopropylbenzene	11.02	105	295478	21.15	ug/l	99
74) N-amyl acetate	6.48	43	133236	21.17	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	86187	21.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100452	26.45	ug/l	85
77) Bromobenzene	11.26	156	85323	20.84	ug/l	99
78) n-propylbenzene	11.37	91	331121	20.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	196900	20.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	249287	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24524	17.76	ug/l	94
82) 4-Chlorotoluene	11.52	91	236470	20.74	ug/l	99
83) tert-Butylbenzene	11.77	119	256870	20.89	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	255504	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	302741	20.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	278790	20.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	155275	20.49	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	160042	20.60	ug/l	99
89) n-Butylbenzene	12.40	91	241566	20.24	ug/l	100
90) Hexachloroethane	12.60	117	43444	18.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	154503	21.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20624	20.30	ug/l	96

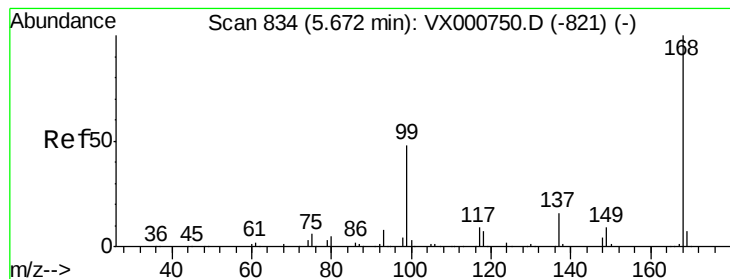
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128202	20.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	61559	20.05	ug/l	99
95) Naphthalene	13.84	128	343342	21.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125245	20.65	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

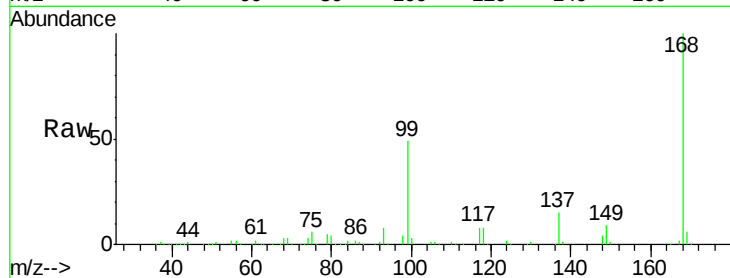
VX0412WBSD02

Tgt Ion:168 Resp: 252075

Ion Ratio Lower Upper

168 100

99 48.5 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

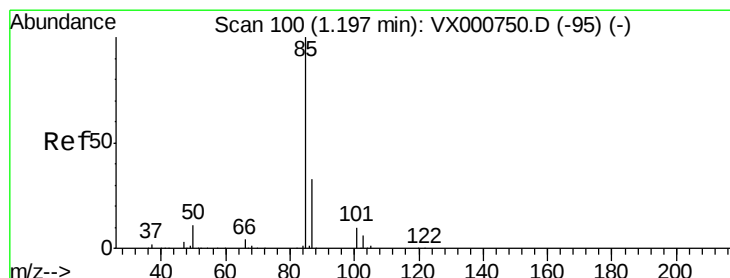
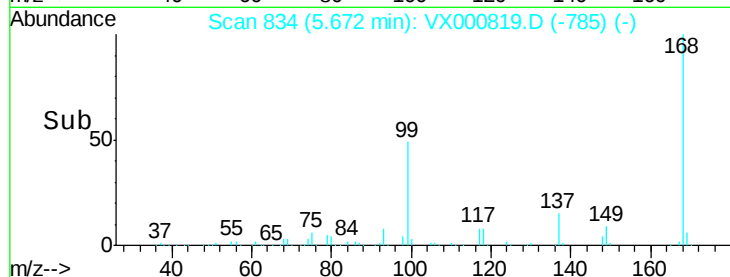
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000819.D

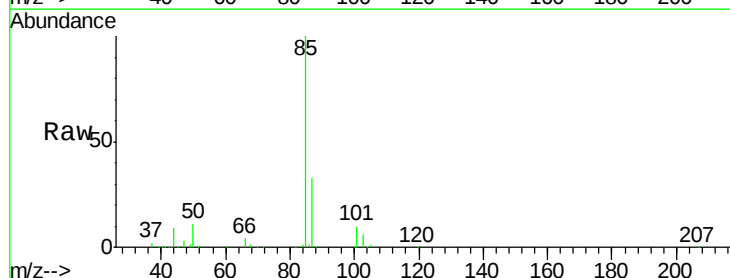
Acq: 12 Apr 2018 23:21

Tgt Ion: 85 Resp: 59420

Ion Ratio Lower Upper

85 100

87 33.4 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

60000

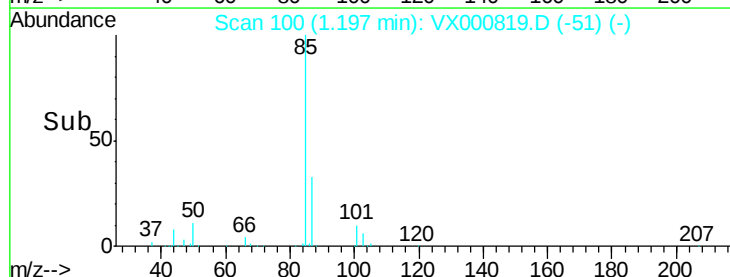
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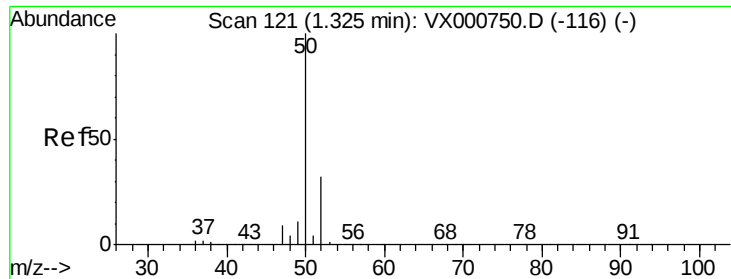
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

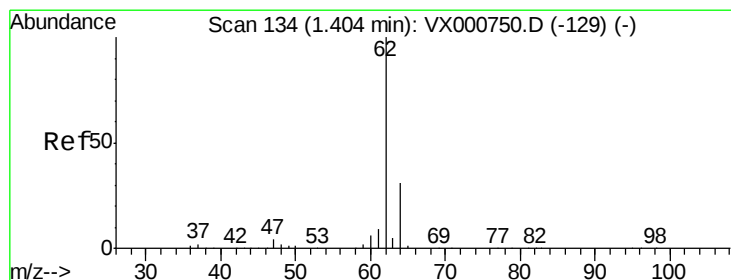
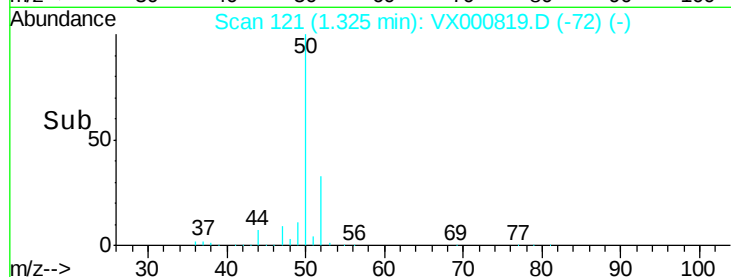
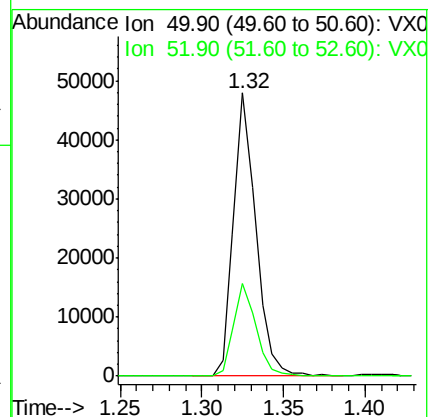
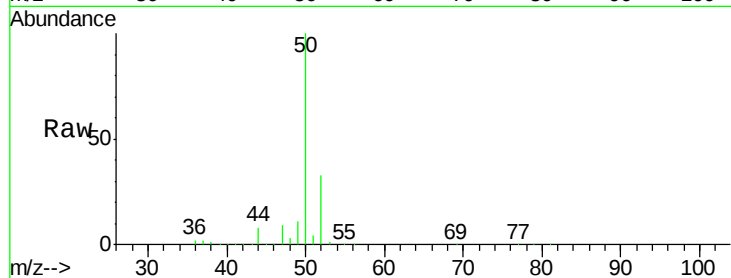
VX0412WBSD02

Tgt Ion: 50 Resp: 45929

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



#4

Vinyl Chloride

Concen: 21.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000819.D

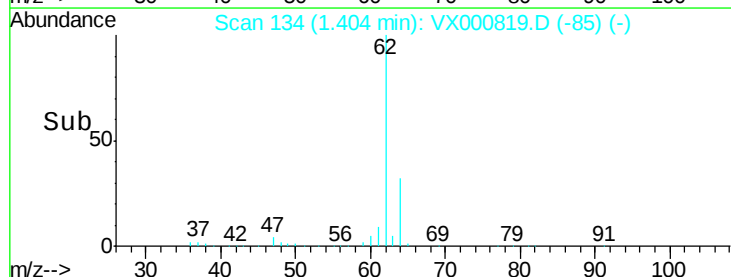
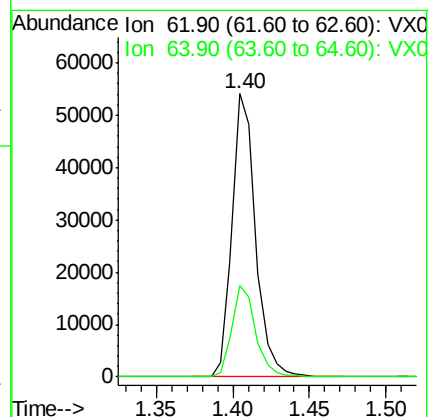
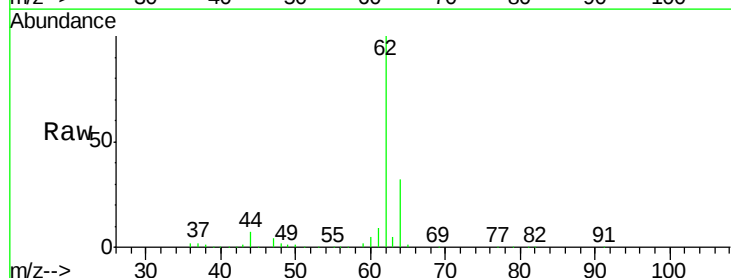
Acq: 12 Apr 2018 23:21

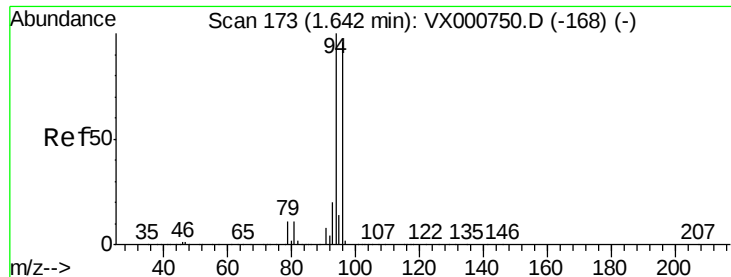
Tgt Ion: 62 Resp: 57820

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 25.70 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

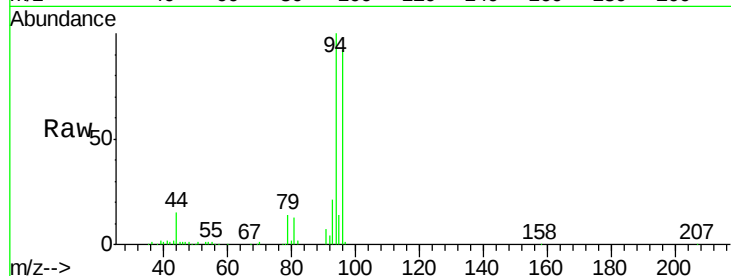
VX0412WBSD02

Tgt Ion: 94 Resp: 29959

Ion Ratio Lower Upper

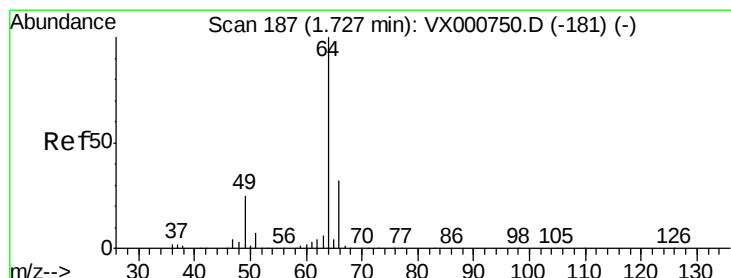
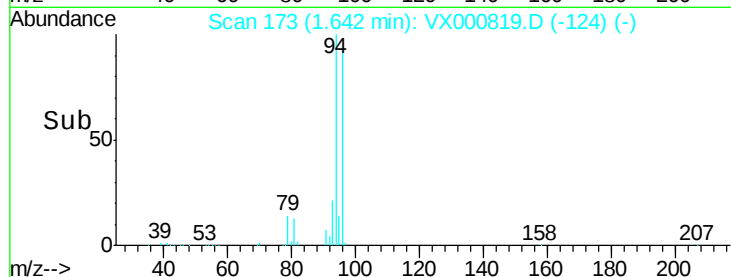
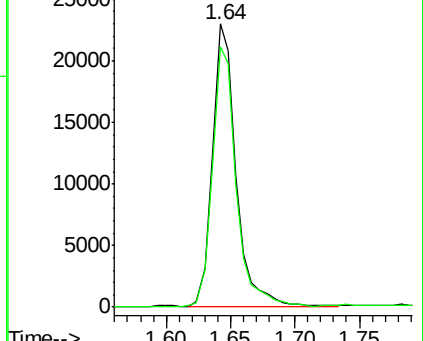
94 100

96 91.6 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: 21.67 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000819.D

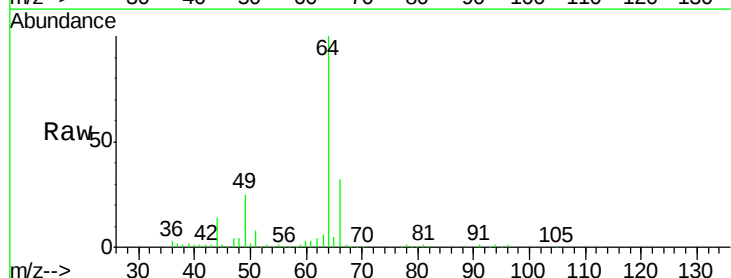
Acq: 12 Apr 2018 23:21

Tgt Ion: 64 Resp: 36037

Ion Ratio Lower Upper

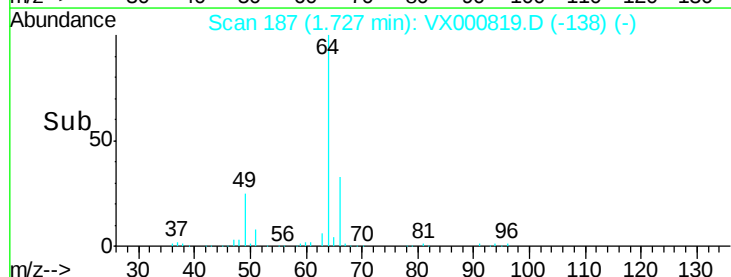
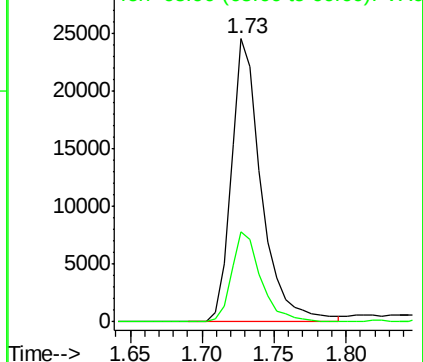
64 100

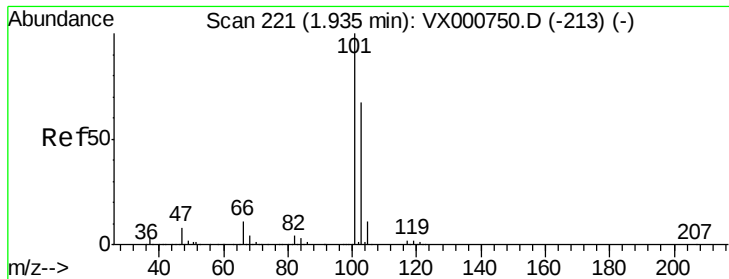
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.96 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

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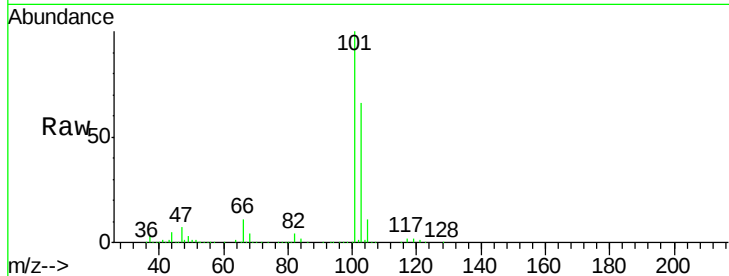
VX0412WBSD02

Tgt Ion:101 Resp: 86797

Ion Ratio Lower Upper

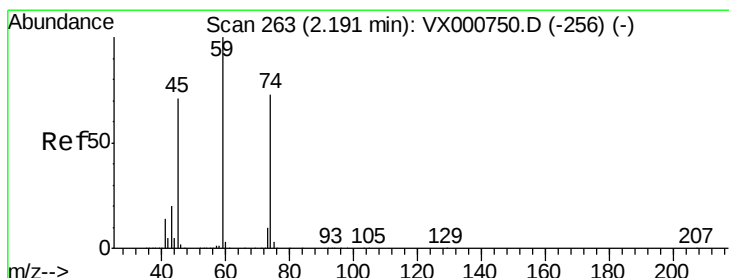
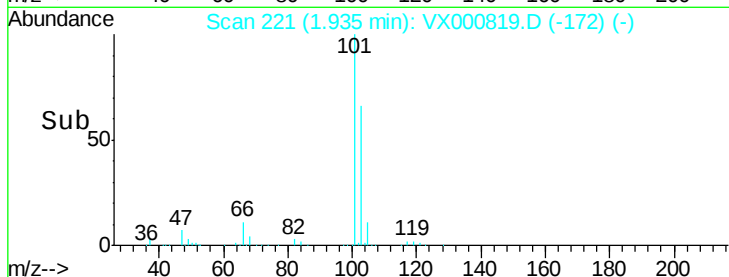
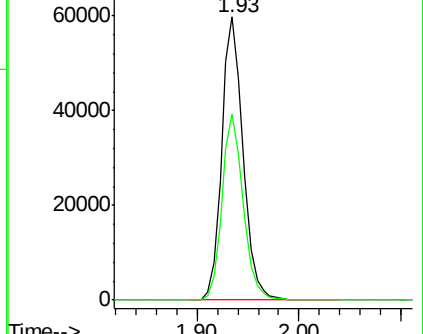
101 100

103 65.7 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.54 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000819.D

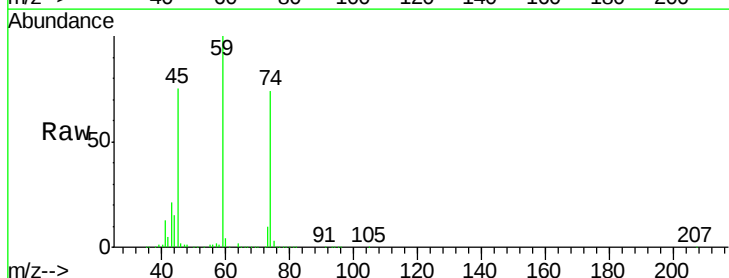
Acq: 12 Apr 2018 23:21

Tgt Ion: 74 Resp: 33319

Ion Ratio Lower Upper

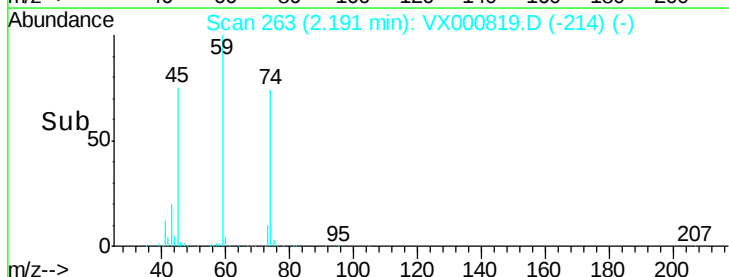
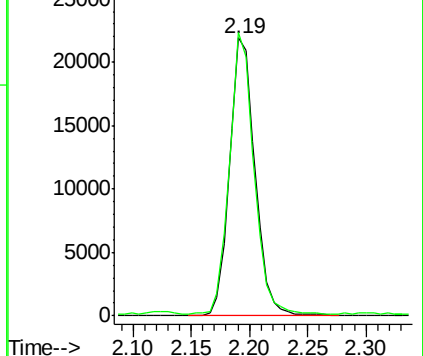
74 100

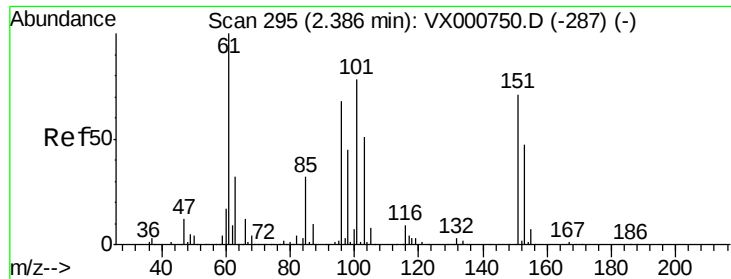
45 97.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.88 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

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VX0412WBSD02

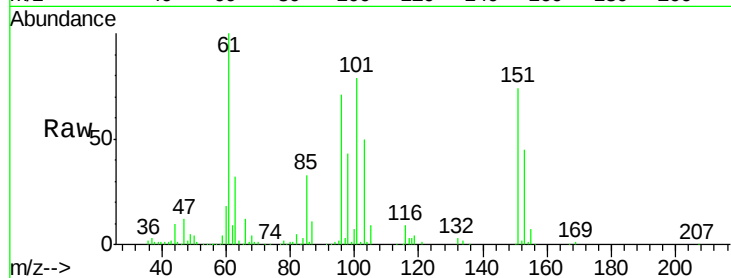
Tgt Ion:101 Resp: 50973

Ion Ratio Lower Upper

101 100

85 41.2 34.0 51.0

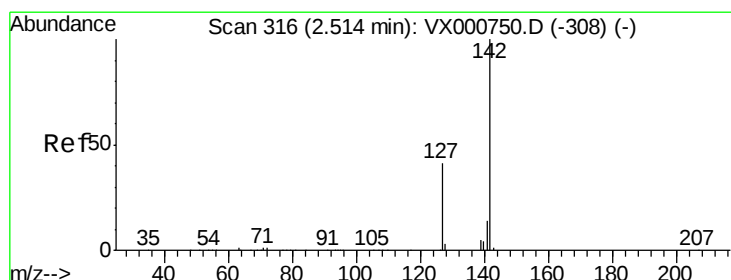
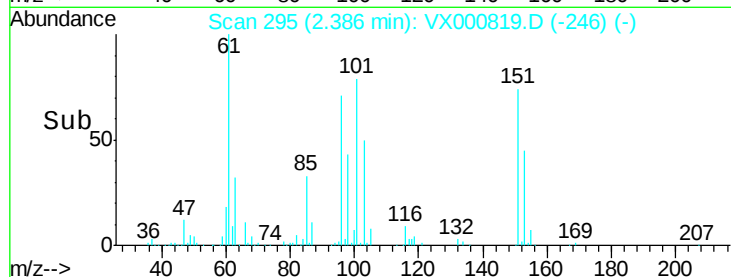
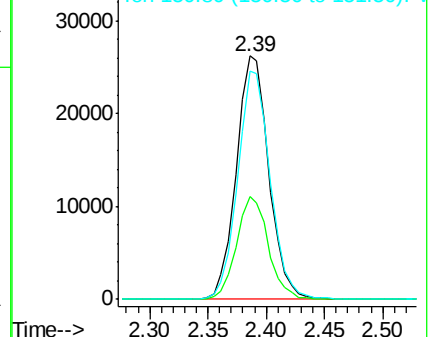
151 93.8 75.8 113.8



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: 17.82 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

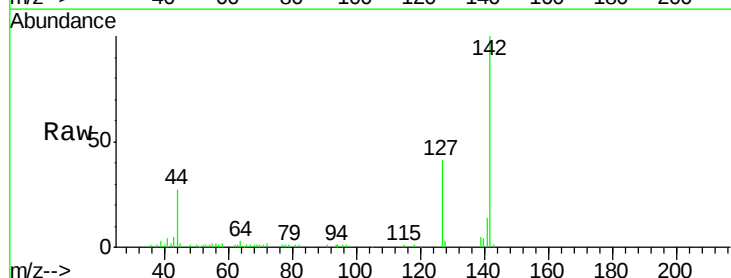
Tgt Ion:142 Resp: 21815

Ion Ratio Lower Upper

142 100

127 40.7 32.6 49.0

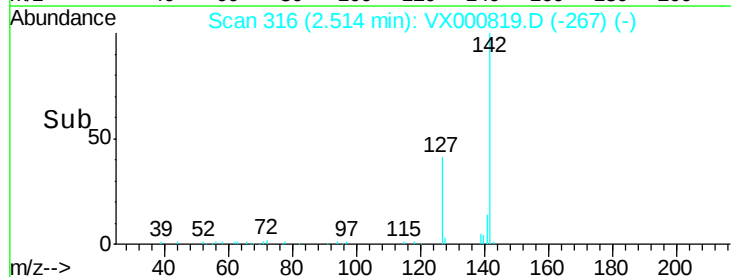
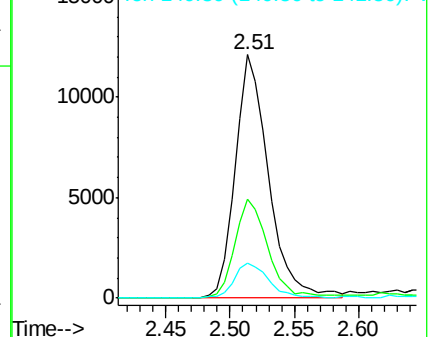
141 15.0 11.5 17.3

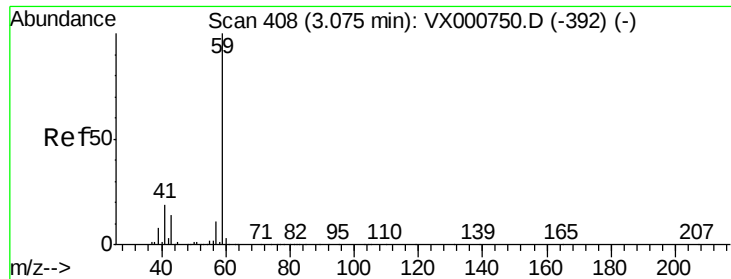


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

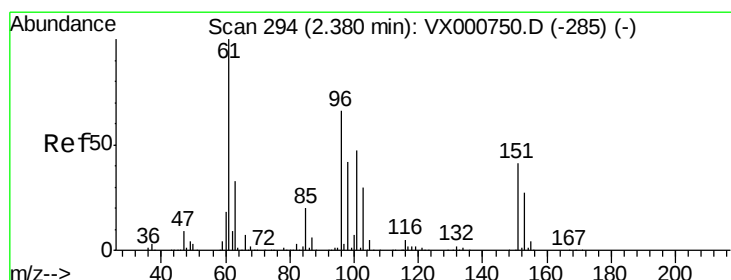
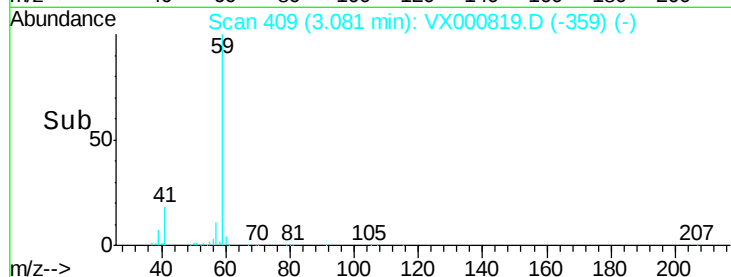
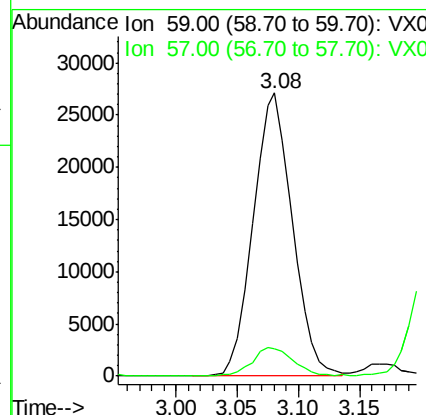
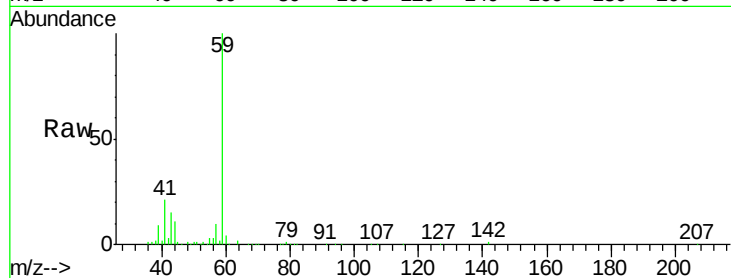




#11
Tert butyl alcohol
Concen: 107.09 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

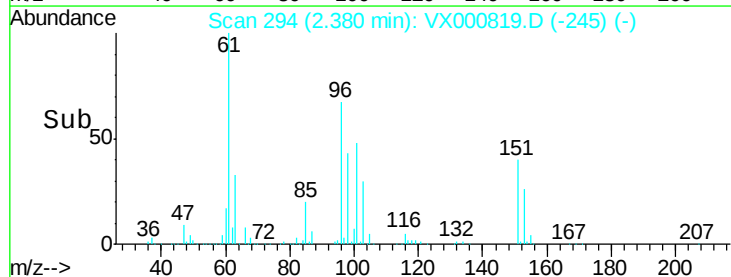
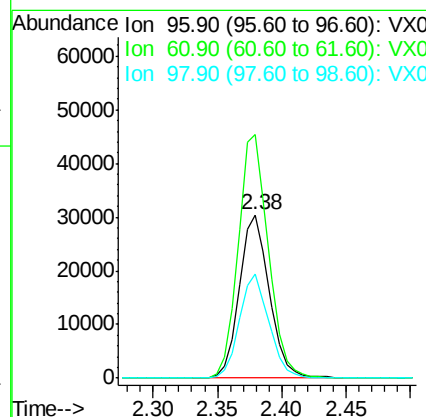
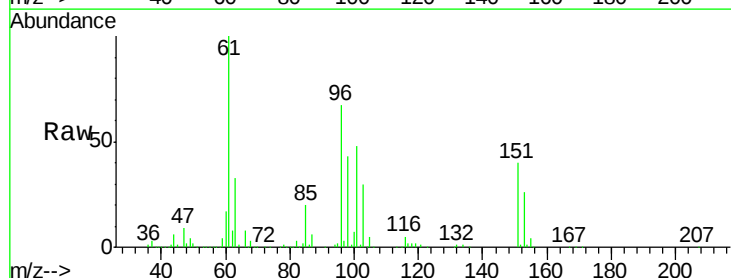
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

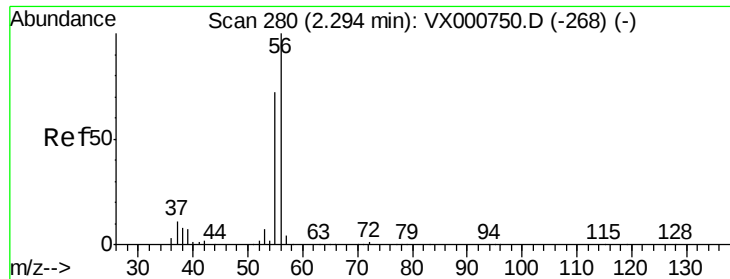
Tgt Ion: 59 Resp: 60433
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 21.09 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 96 Resp: 48785
Ion Ratio Lower Upper
96 100
61 149.5 120.5 180.7
98 64.3 50.9 76.3





#13

Acrolein

Concen: 63.16 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

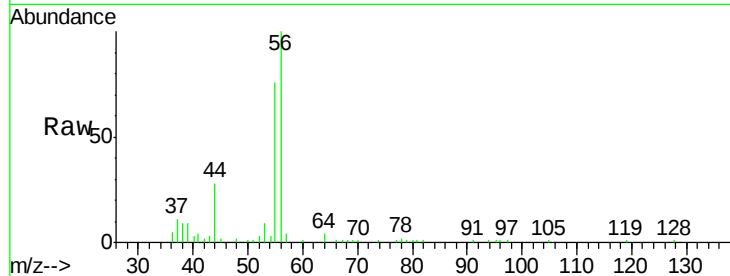
VX0412WBSD02

Tgt Ion: 56 Resp: 17307

Ion Ratio Lower Upper

56 100

55 71.2 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

12000

10000

8000

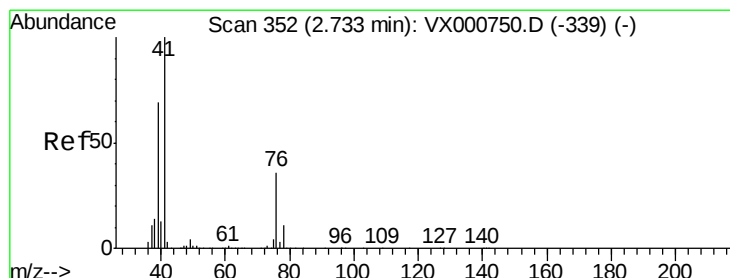
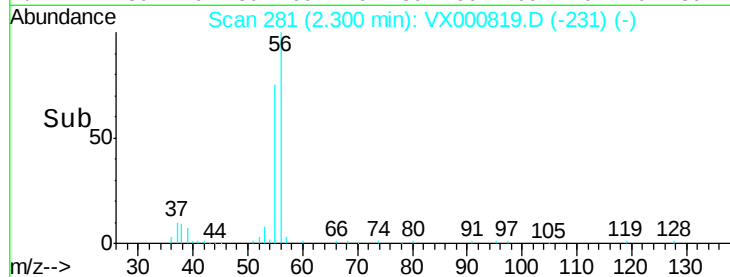
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.63 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

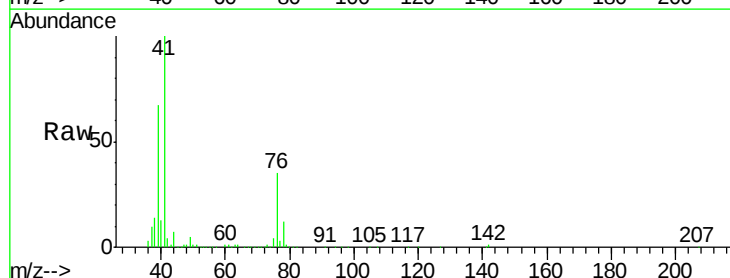
Tgt Ion: 41 Resp: 88251

Ion Ratio Lower Upper

41 100

39 62.3 51.5 77.3

76 32.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

60000

50000

40000

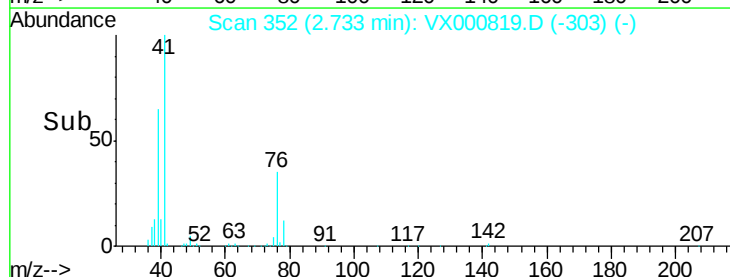
30000

20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 114.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

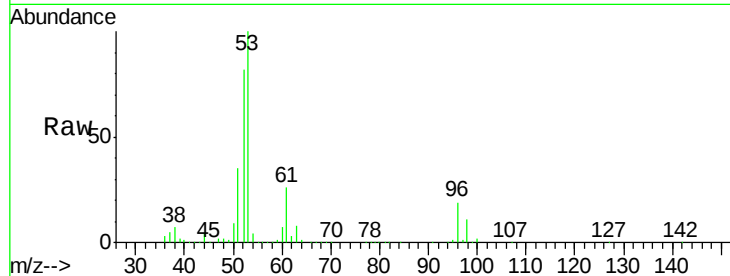
Tgt Ion: 53 Resp: 137818

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

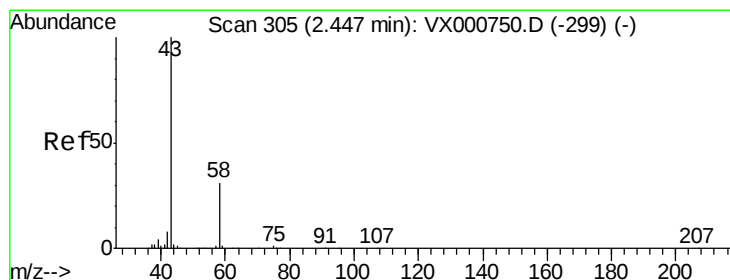
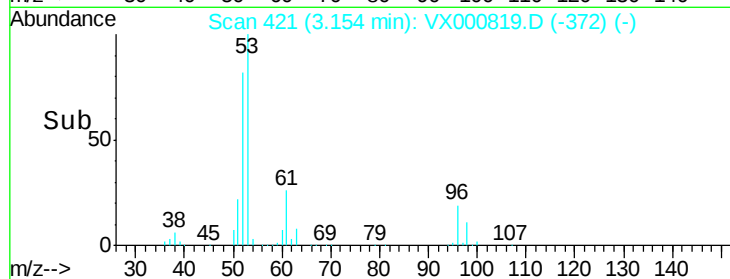
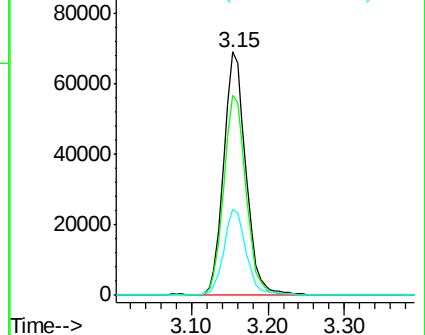
51 35.9 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000819.D

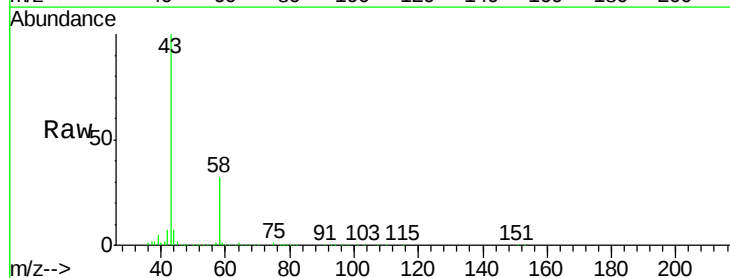
Acq: 12 Apr 2018 23:21

Tgt Ion: 43 Resp: 112126

Ion Ratio Lower Upper

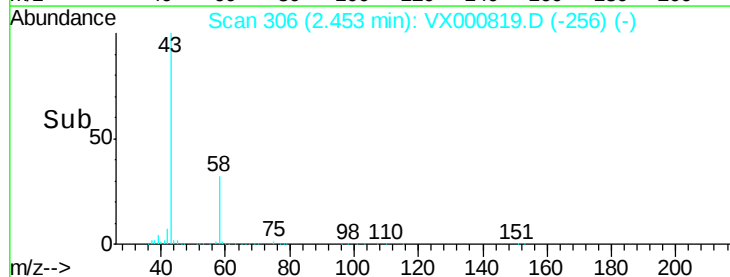
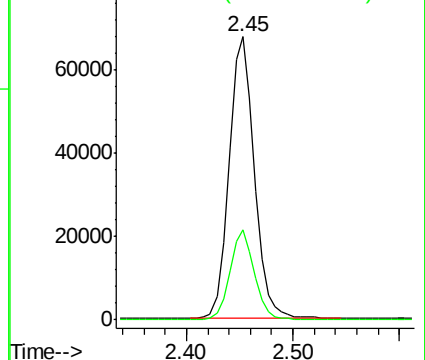
43 100

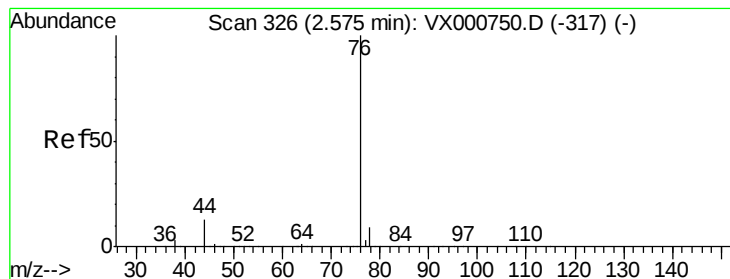
58 31.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.82 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

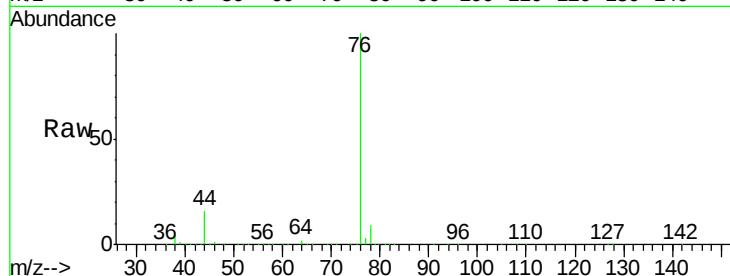
VX0412WBSD02

Tgt Ion: 76 Resp: 131841

Ion Ratio Lower Upper

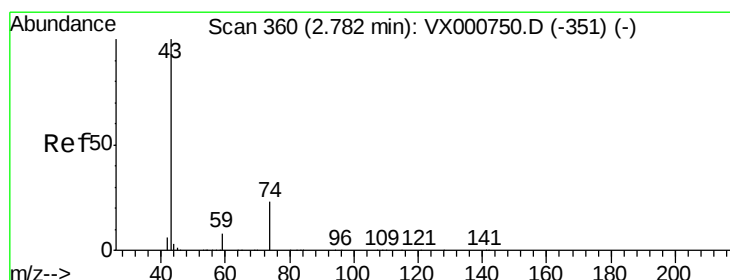
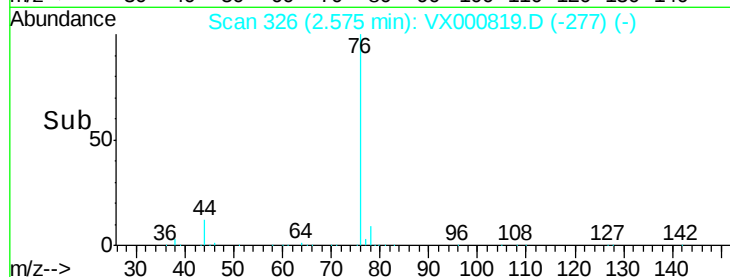
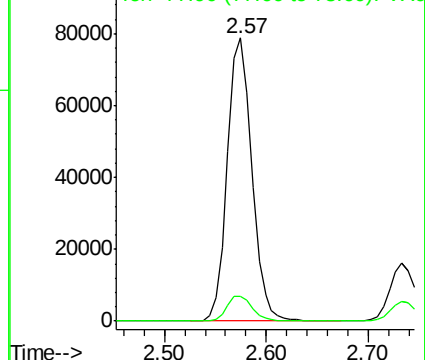
76 100

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: 24.05 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000819.D

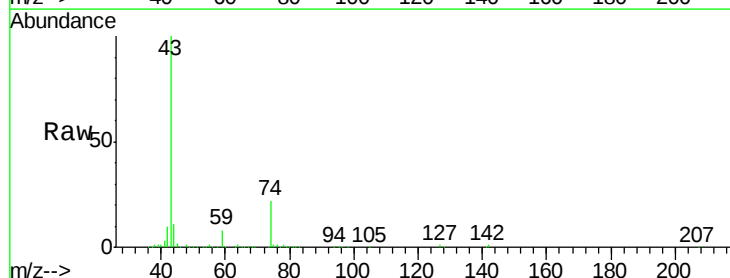
Acq: 12 Apr 2018 23:21

Tgt Ion: 43 Resp: 68210

Ion Ratio Lower Upper

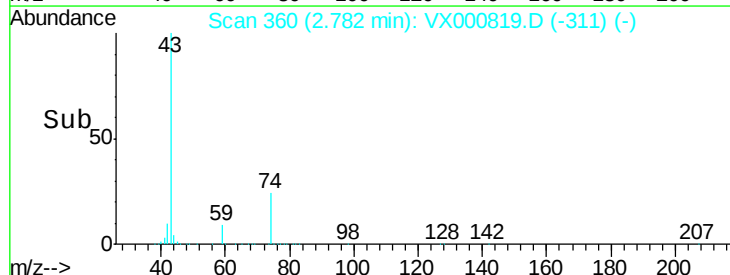
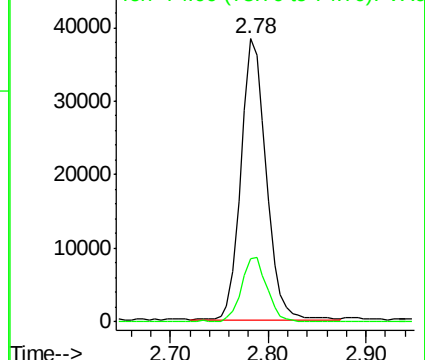
43 100

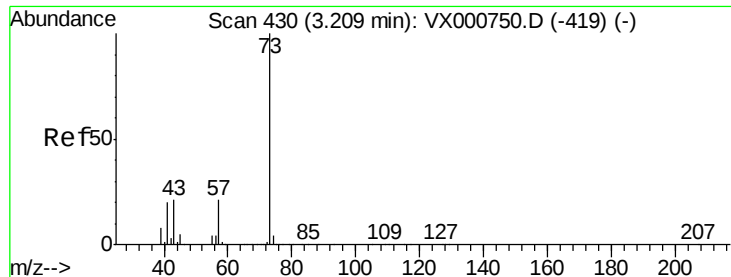
74 23.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

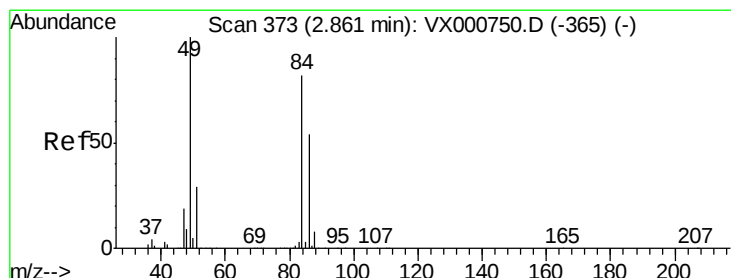
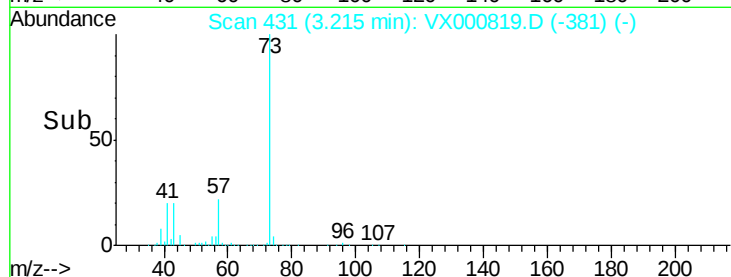
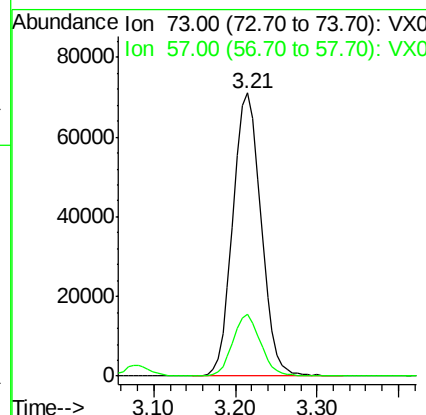
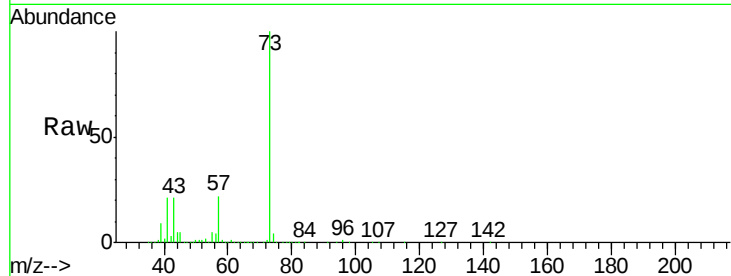




#19
Methyl tert-butyl Ether
Concen: 22.03 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

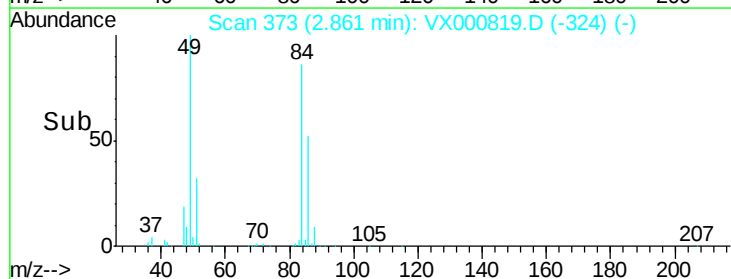
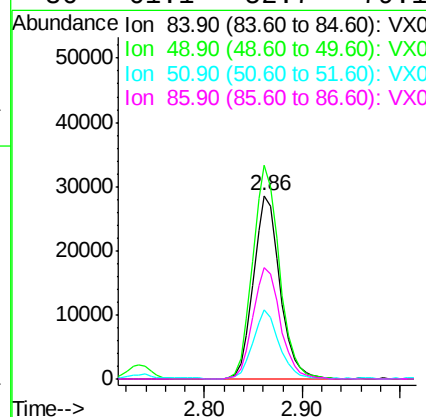
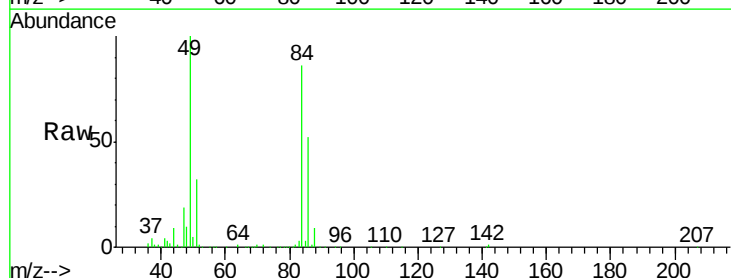
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

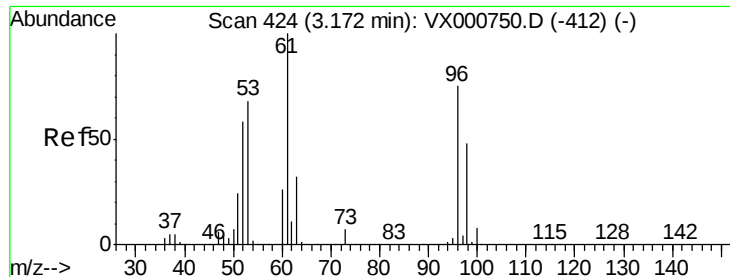
Tgt Ion: 73 Resp: 169729
Ion Ratio Lower Upper
73 100
57 21.9 16.9 25.3



#20
Methylene Chloride
Concen: 21.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 84 Resp: 53784
Ion Ratio Lower Upper
84 100
49 116.5 98.1 147.1
51 37.5 28.9 43.3
86 61.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.71 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

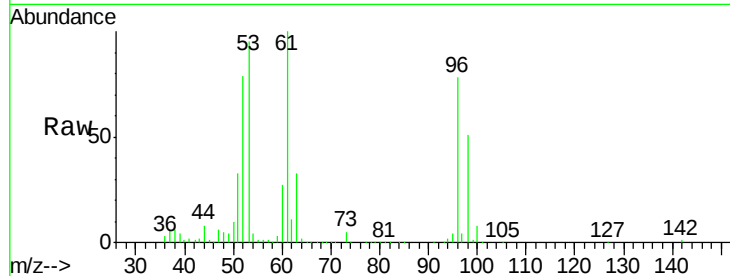
Tgt Ion: 96 Resp: 52824

Ion Ratio Lower Upper

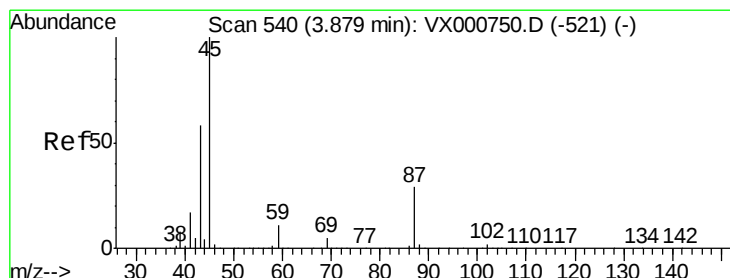
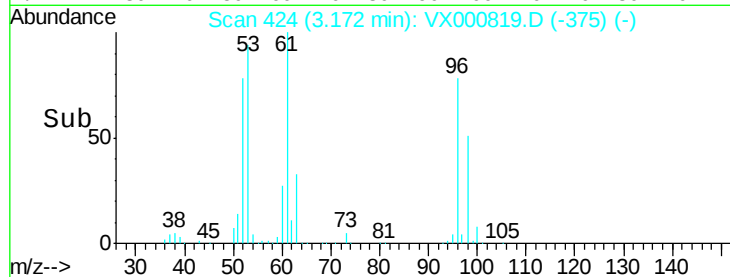
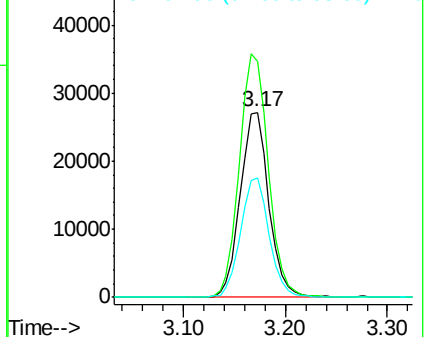
96 100

61 127.8 106.2 159.2

98 64.7 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: 22.47 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Tgt Ion: 45 Resp: 176686

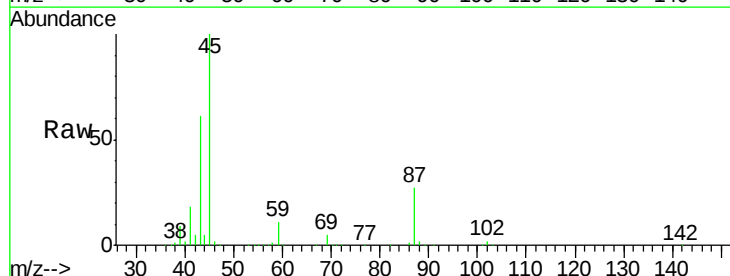
Ion Ratio Lower Upper

45 100

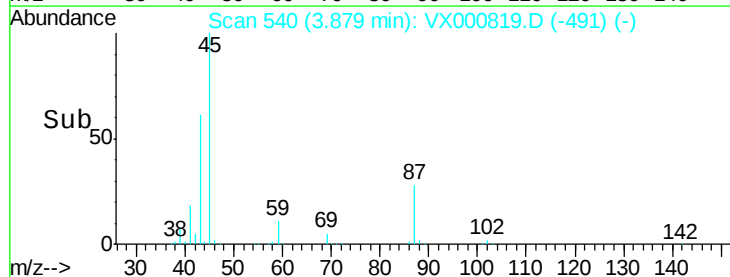
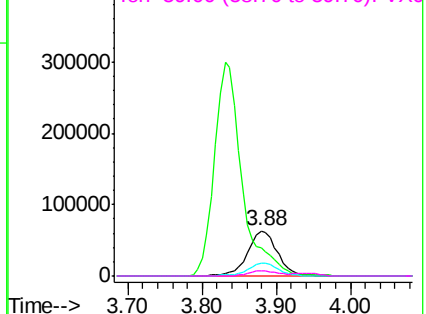
43 60.5 46.6 69.8

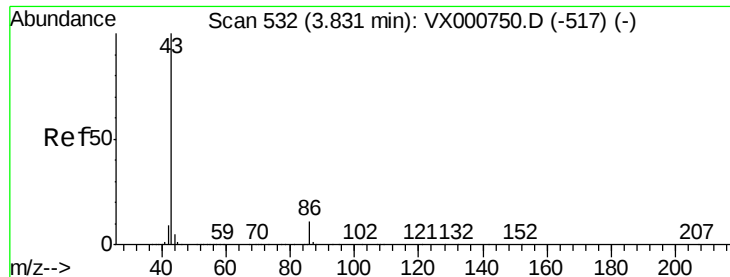
87 27.5 22.9 34.3

59 11.1 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

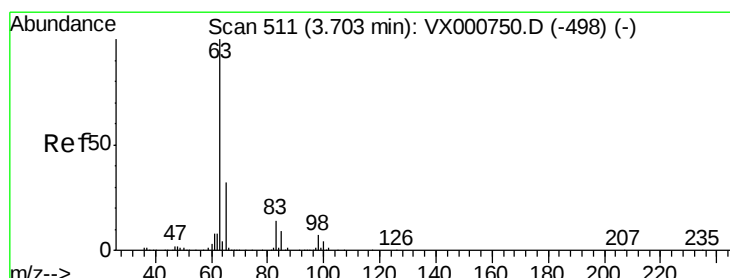
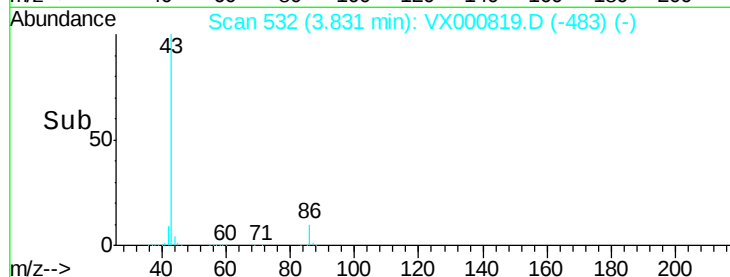
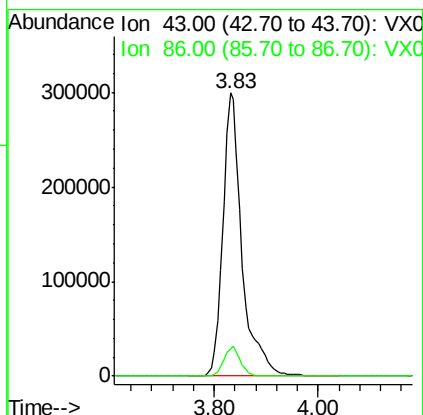
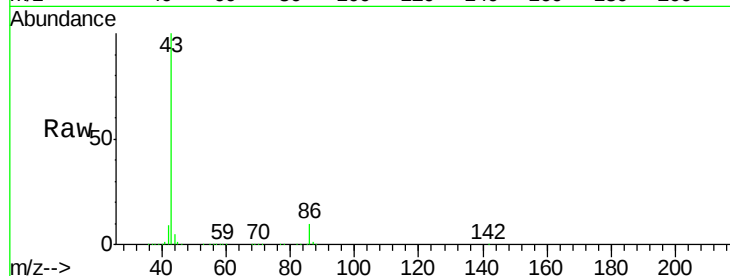




#23
 Vinyl Acetate
 Concen: 111.93 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

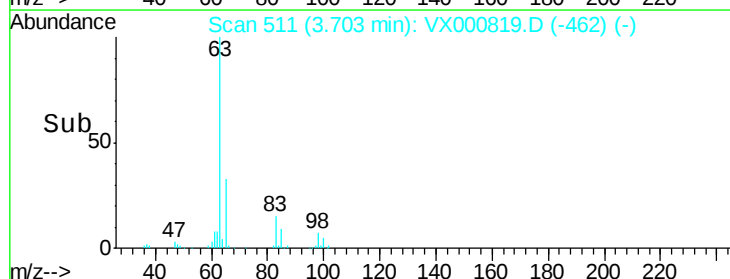
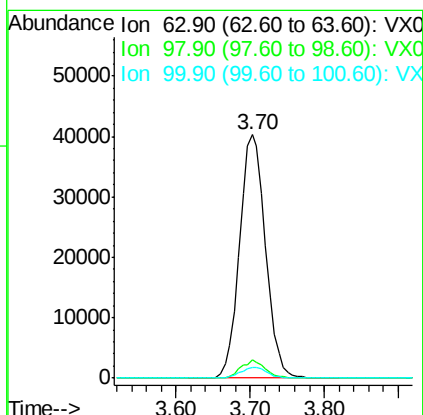
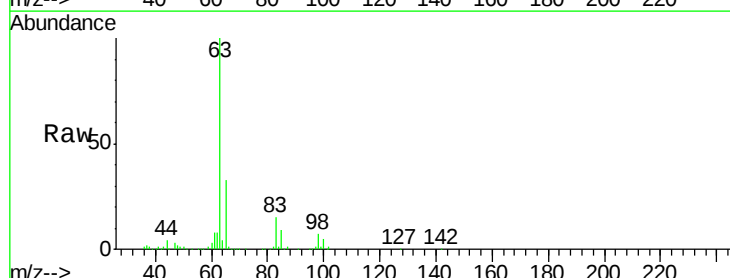
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

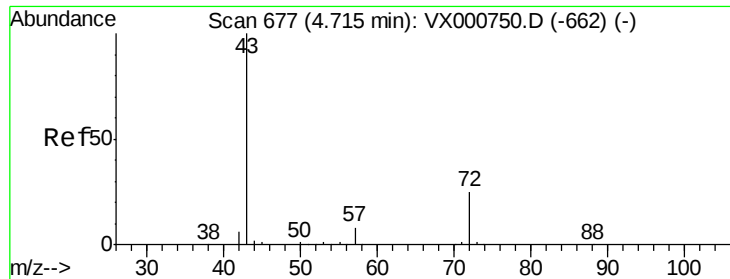
Tgt Ion: 43 Resp: 772625
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.36 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 63 Resp: 98622
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 111.34 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

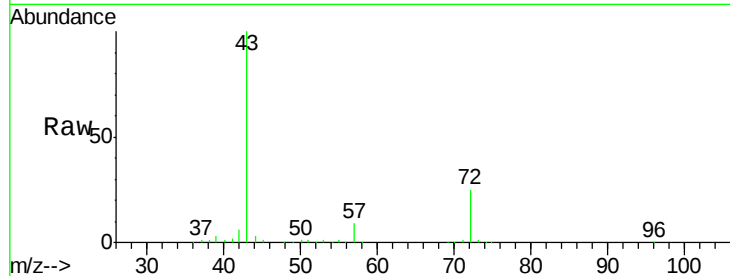
VX0412WBSD02

Tgt Ion: 43 Resp: 201533

Ion Ratio Lower Upper

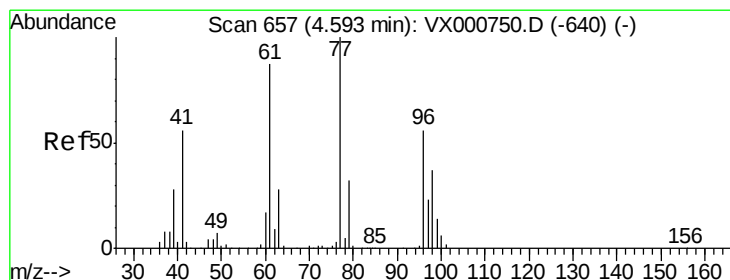
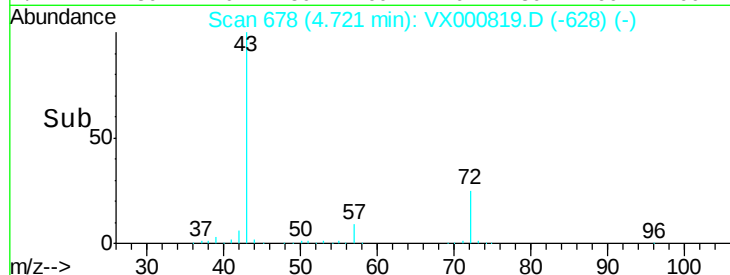
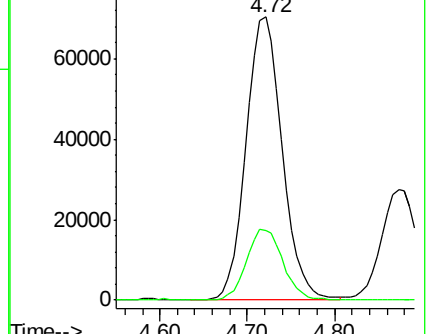
43 100

72 24.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.29 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000819.D

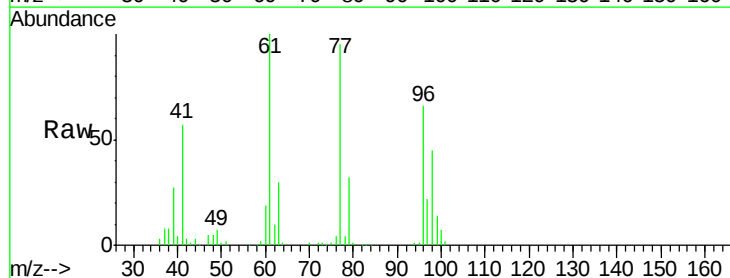
Acq: 12 Apr 2018 23:21

Tgt Ion: 77 Resp: 75728

Ion Ratio Lower Upper

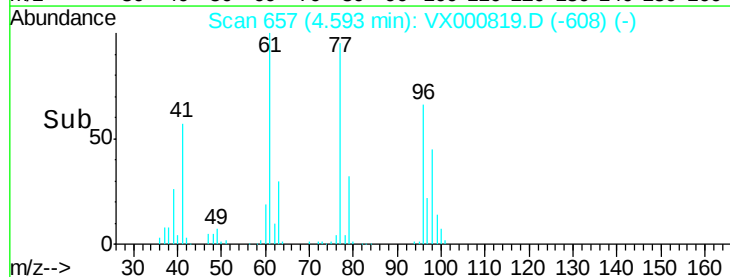
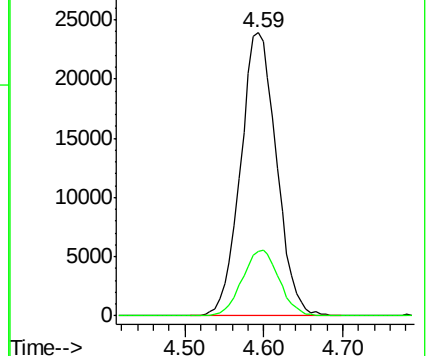
77 100

97 23.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



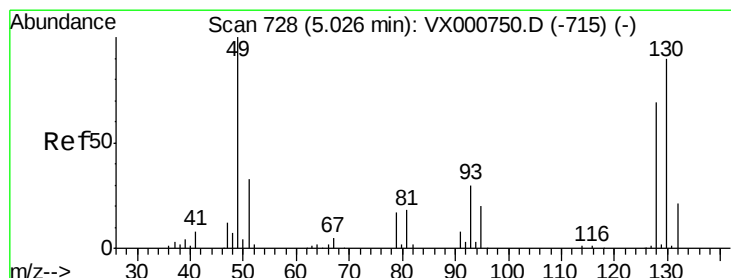
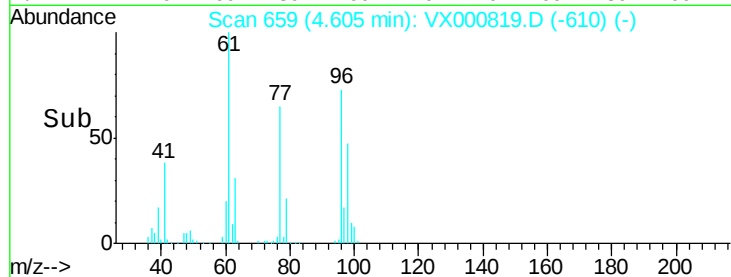
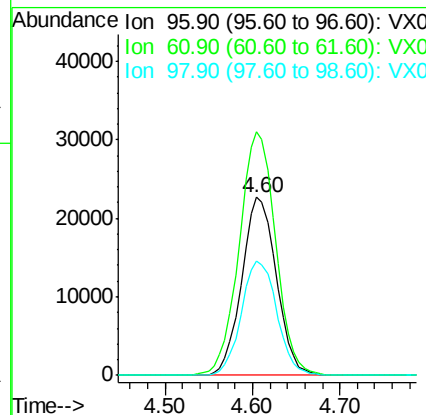
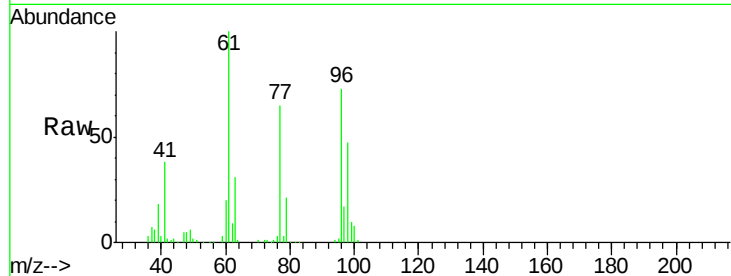


#27

cis-1,2-Dichloroethene
 Concen: 21.67 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

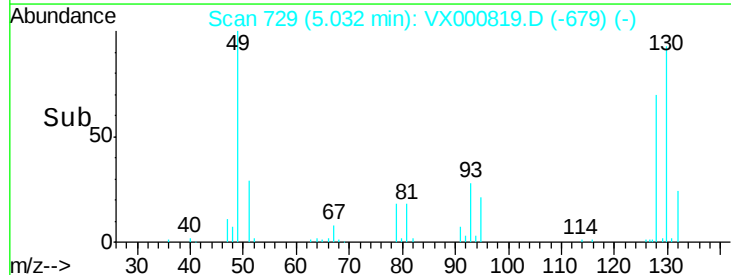
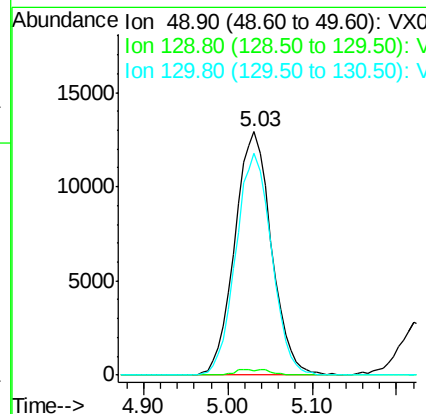
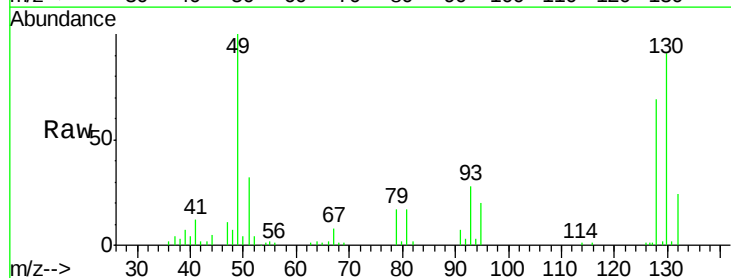
Tgt Ion: 96 Resp: 62737
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 292.4
 98 65.4 0.0 130.2

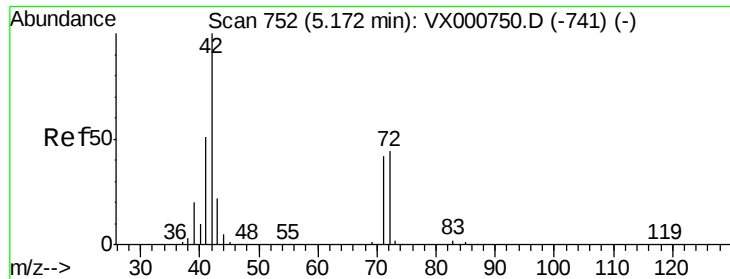


#28

Bromochloromethane
 Concen: 21.50 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 49 Resp: 38194
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 5.2
 130 88.6 72.6 109.0





#29

Tetrahydrofuran

Concen: 112.49 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

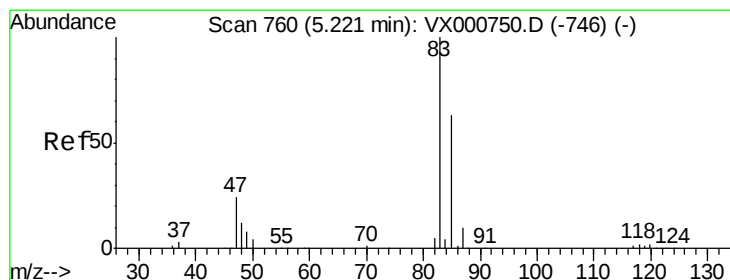
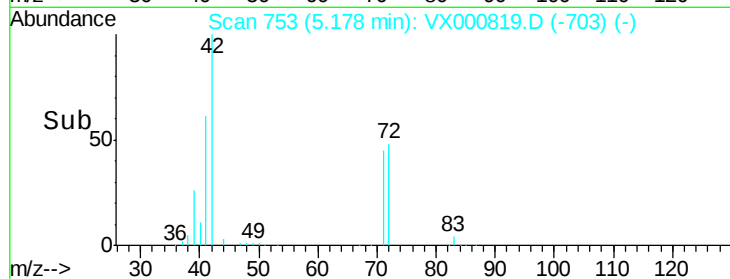
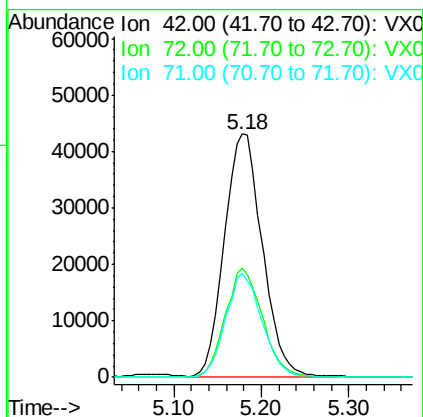
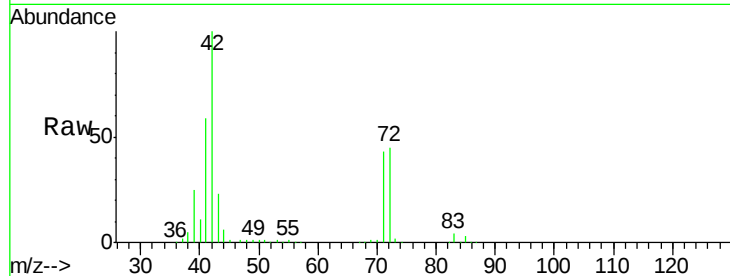
Tgt Ion: 42 Resp: 129275

Ion Ratio Lower Upper

42 100

72 44.4 35.1 52.7

71 41.5 32.8 49.2



#30

Chloroform

Concen: 21.74 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000819.D

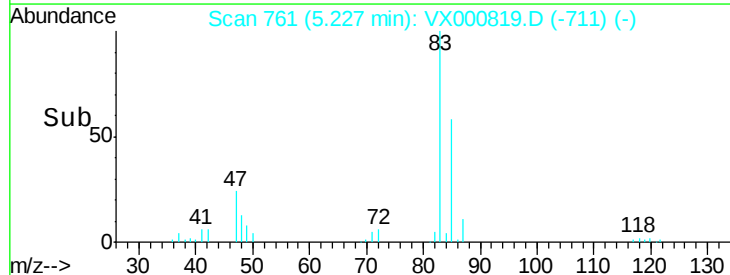
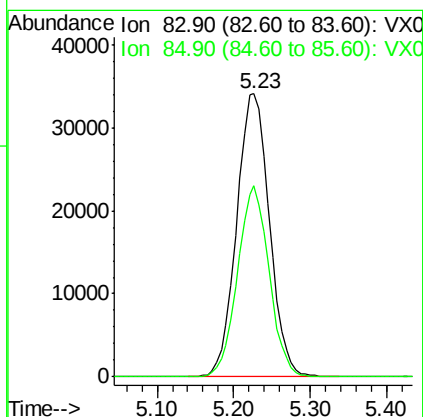
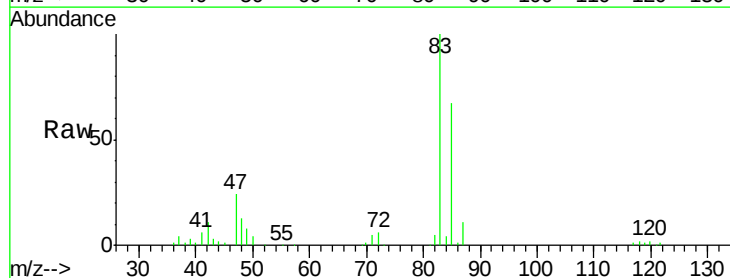
Acq: 12 Apr 2018 23:21

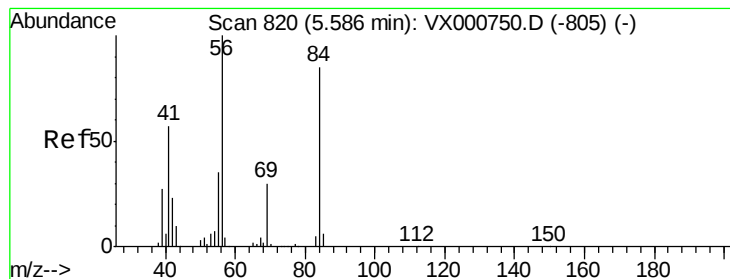
Tgt Ion: 83 Resp: 101557

Ion Ratio Lower Upper

83 100

85 67.3 50.7 76.1





#31

Cyclohexane

Concen: 20.52 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

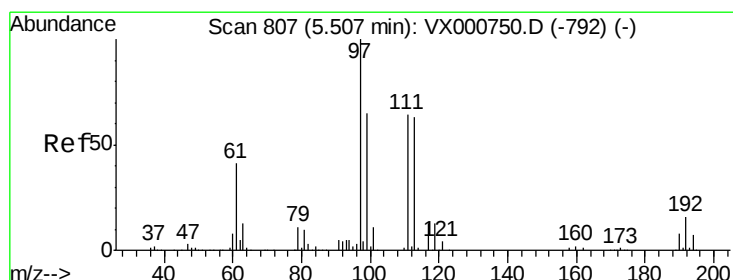
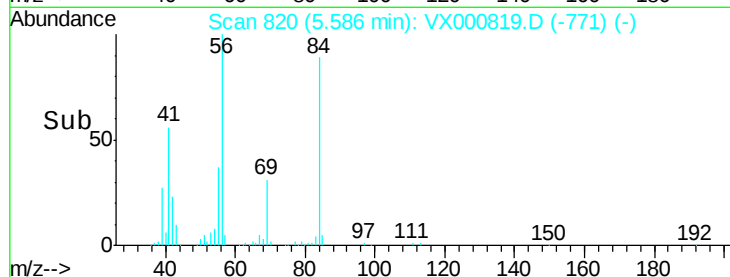
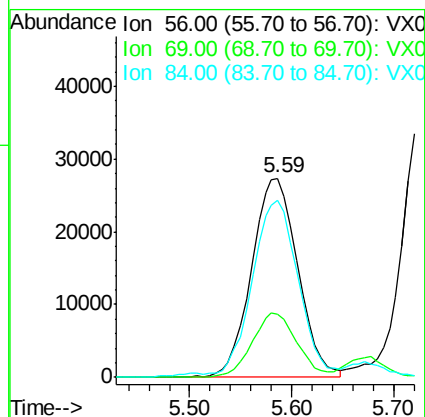
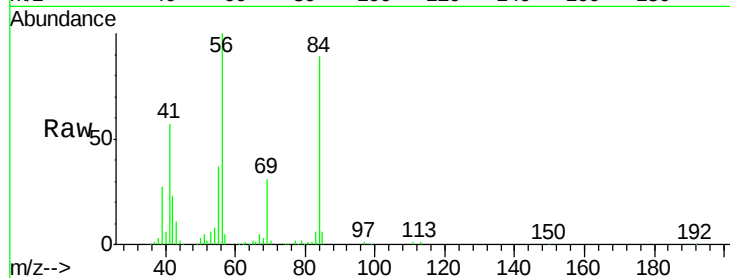
Tgt Ion: 56 Resp: 85990

Ion Ratio Lower Upper

56 100

69 31.4 24.2 36.4

84 86.6 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 21.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

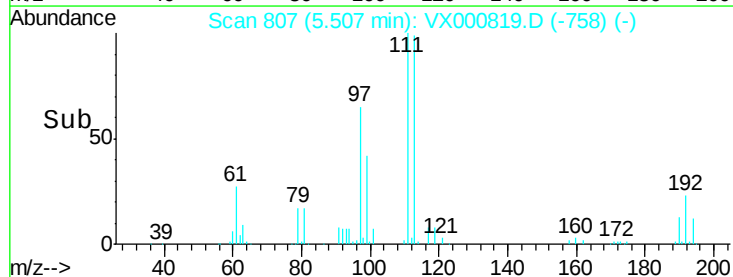
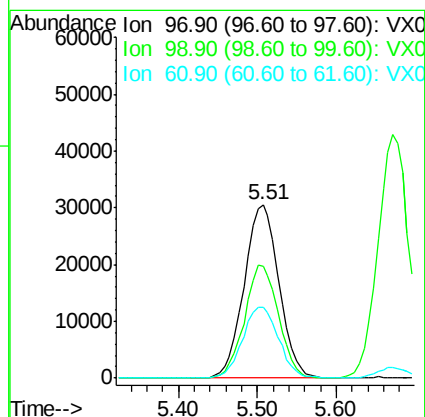
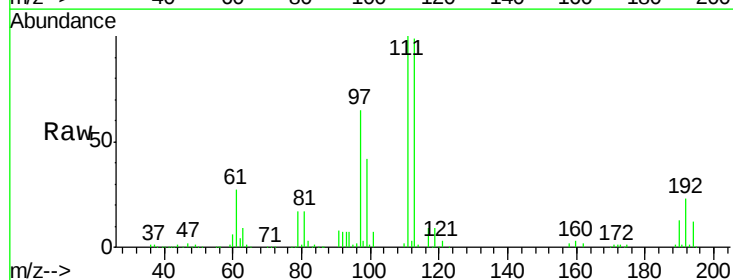
Tgt Ion: 97 Resp: 94007

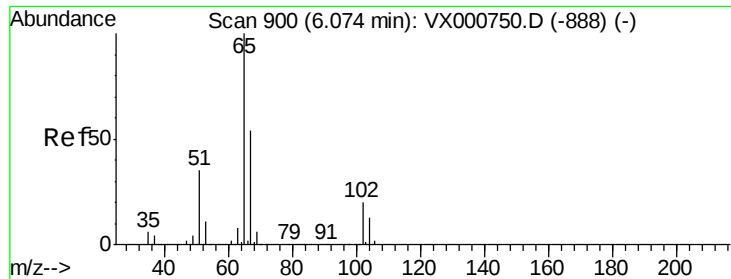
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

61 42.1 33.7 50.5

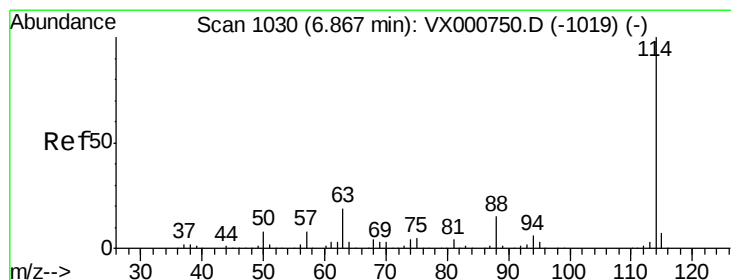
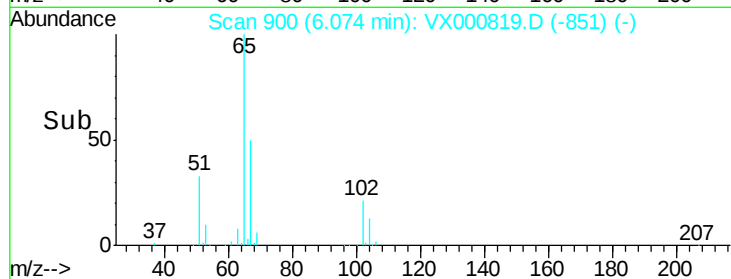
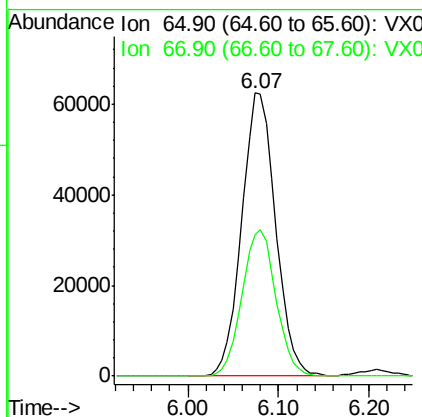
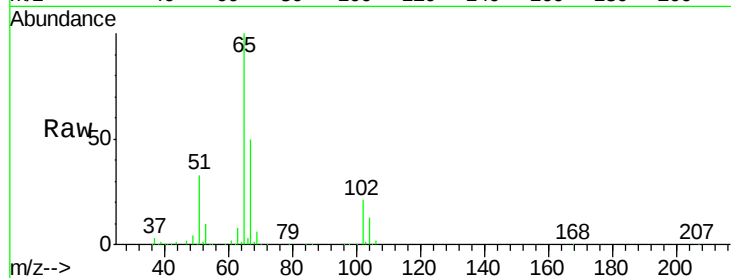




#33
 1,2-Dichloroethane-d4
 Concen: 50.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

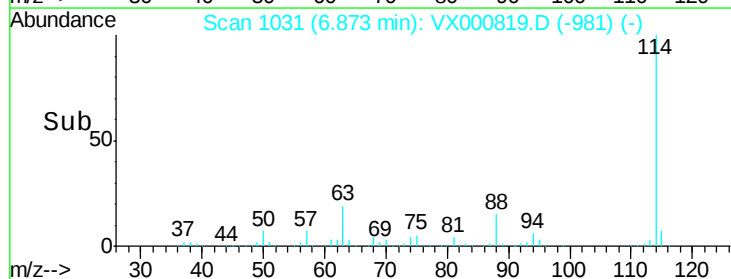
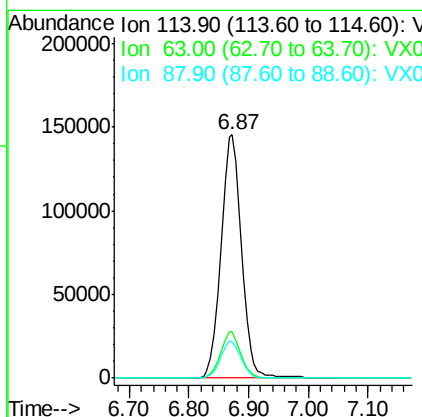
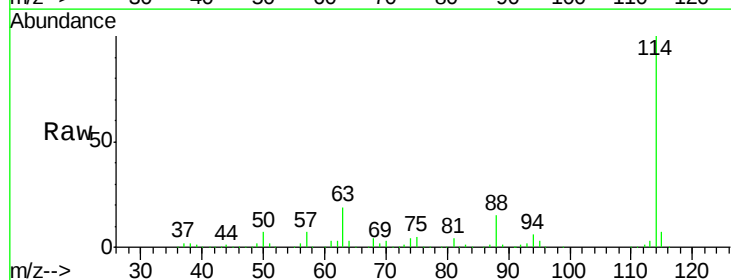
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

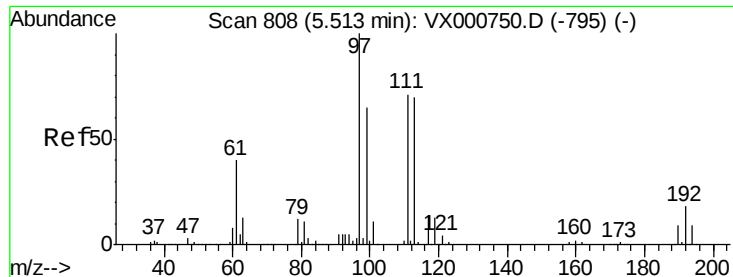
Tgt Ion: 65 Resp: 161729
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 114 Resp: 348694
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.2 0.0 31.0

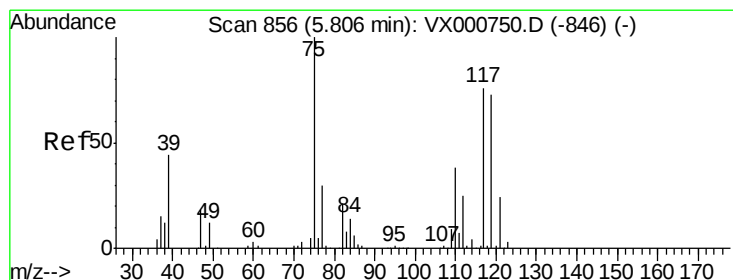
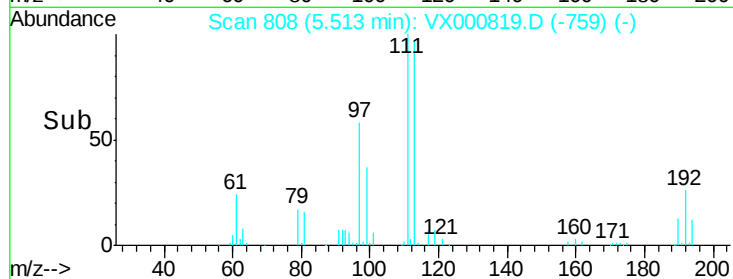
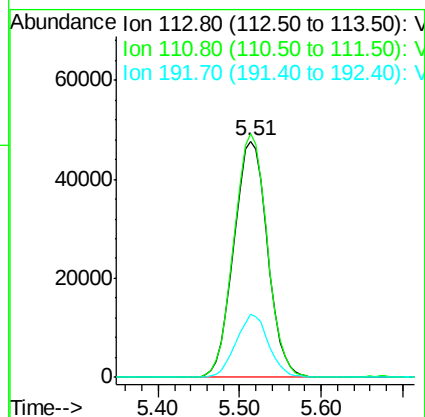
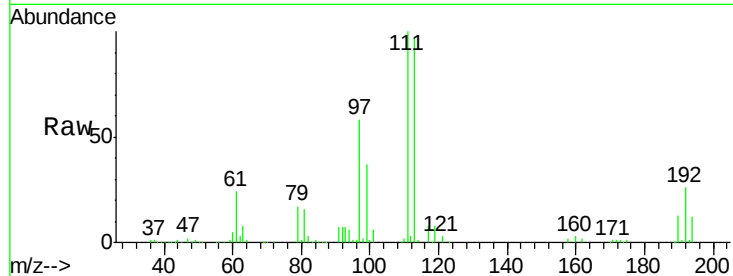




#35
 Dibromofluoromethane
 Concen: 50.71 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

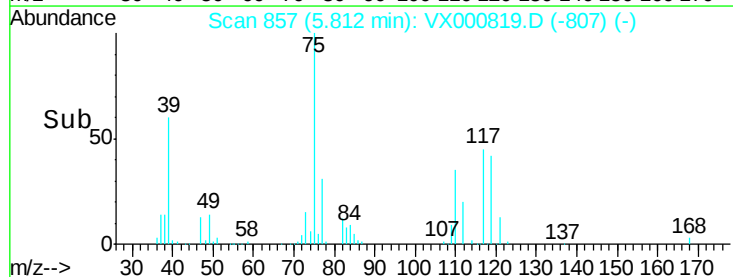
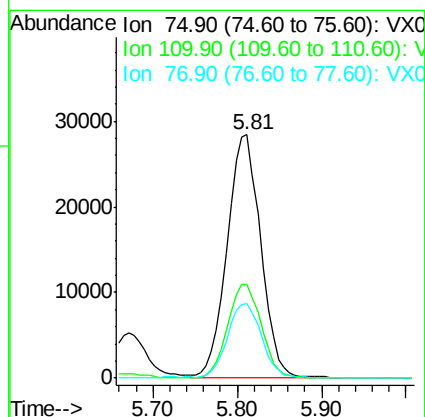
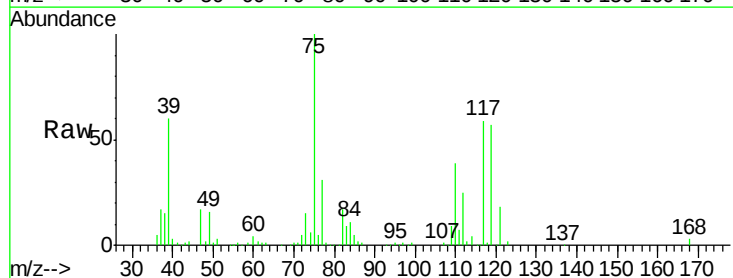
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

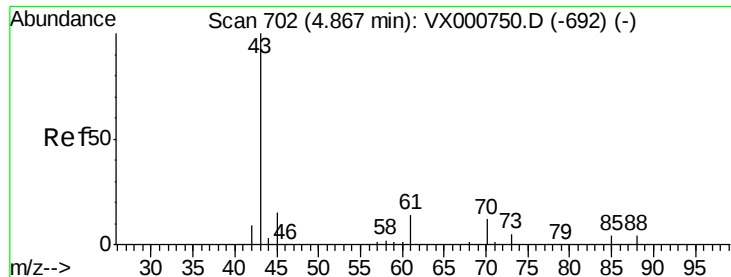
Tgt Ion:113 Resp: 136232
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 25.8 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 19.96 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 75 Resp: 76633
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.2 57.6
 77 31.5 25.4 38.2

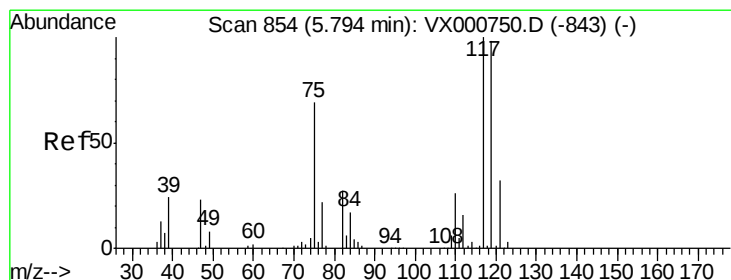
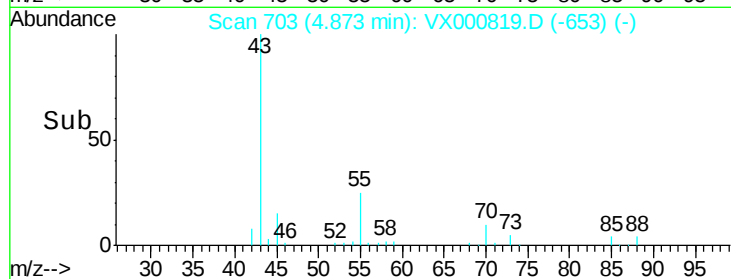
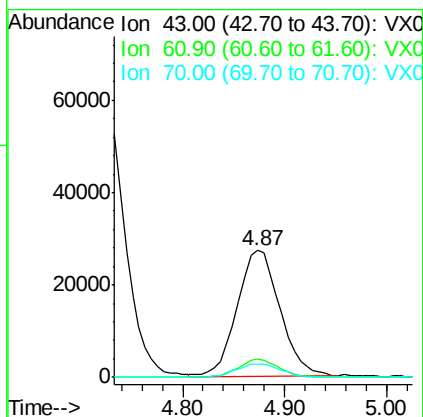
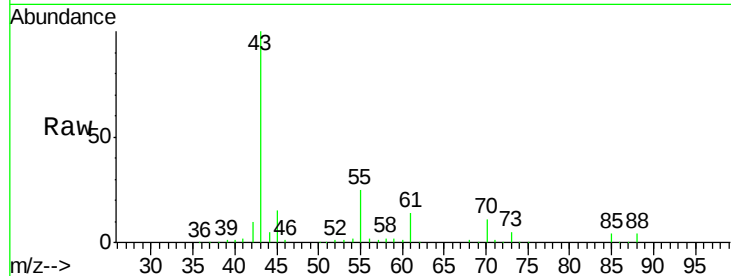




#37
Ethyl Acetate
Concen: 21.19 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

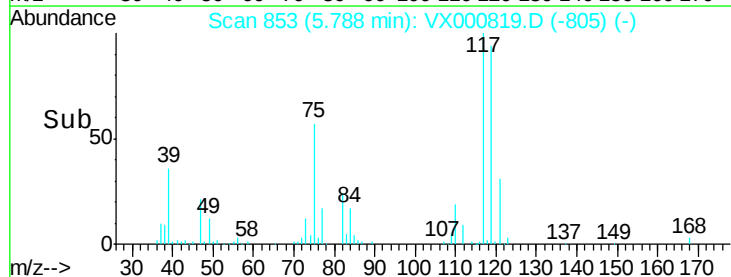
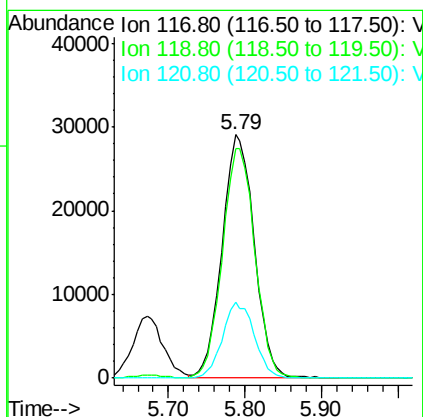
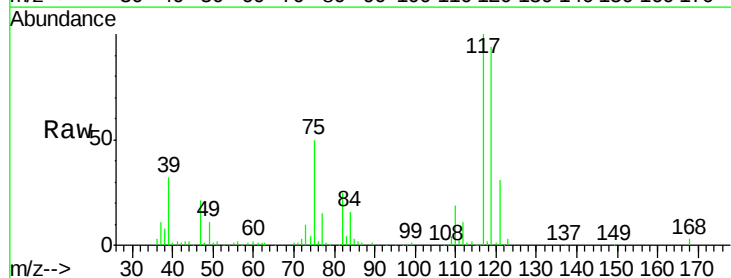
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

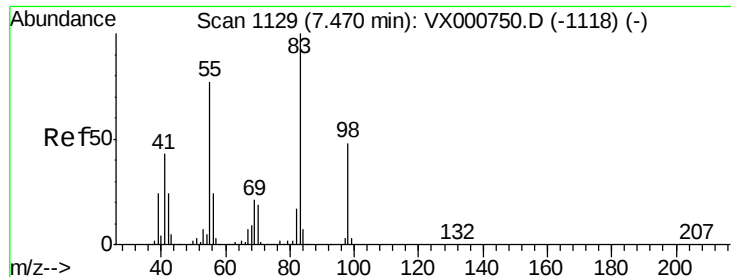
Tgt Ion: 43 Resp: 79438
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.75 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 117 Resp: 84871
Ion Ratio Lower Upper
117 100
119 94.3 78.4 117.6
121 30.9 25.4 38.0

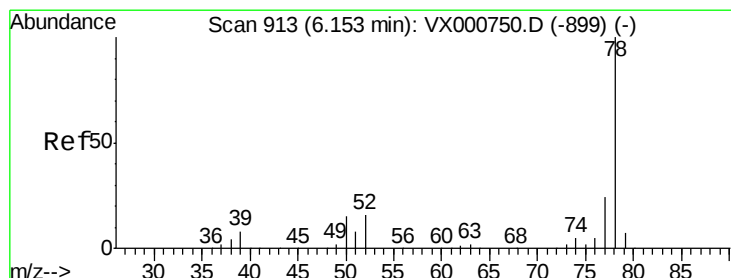
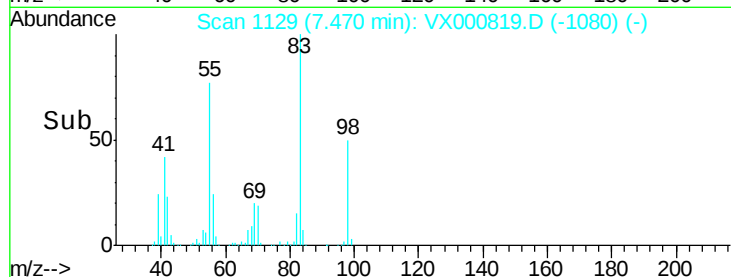
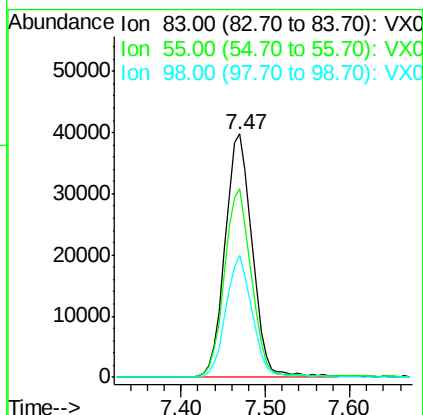
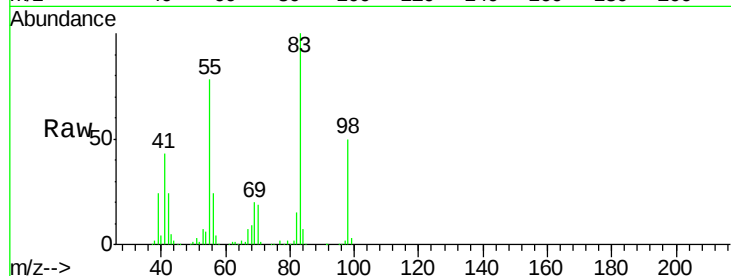




#39
Methylcyclohexane
Concen: 19.12 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

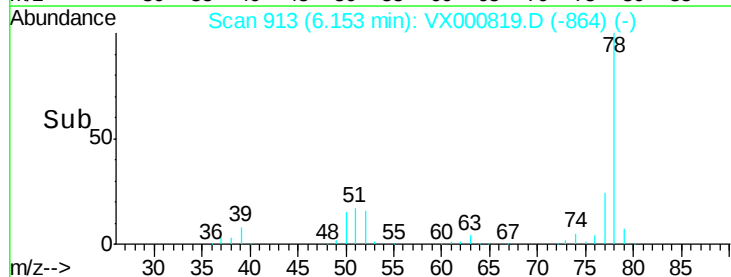
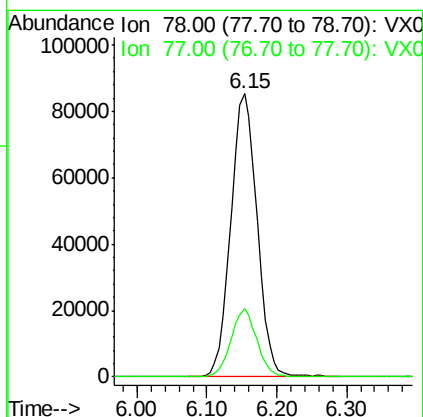
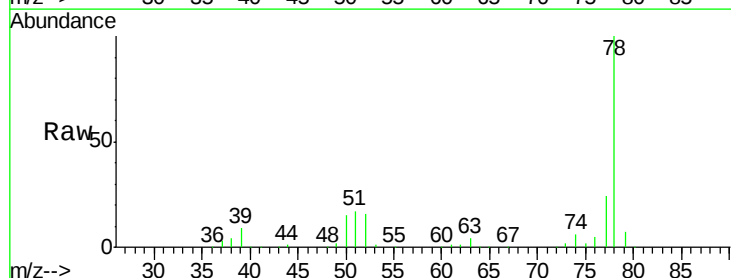
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

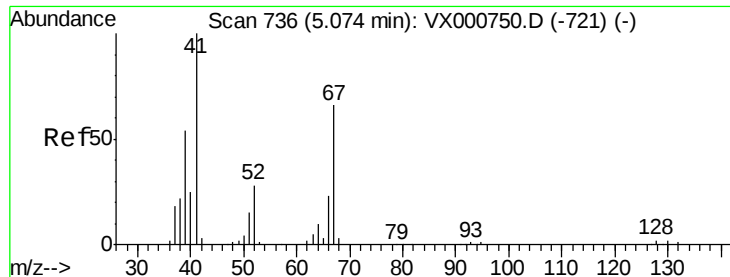
Tgt Ion: 83 Resp: 88170
Ion Ratio Lower Upper
83 100
55 77.4 61.5 92.3
98 50.2 38.1 57.1



#40
Benzene
Concen: 21.01 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 78 Resp: 224141
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

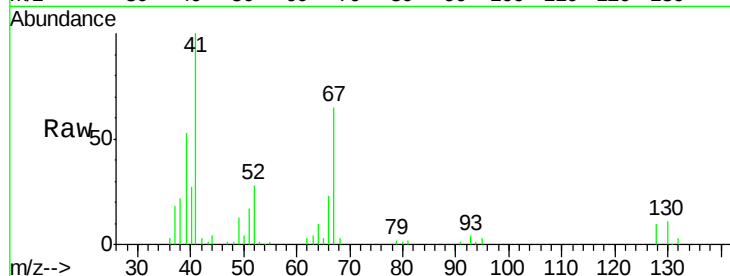




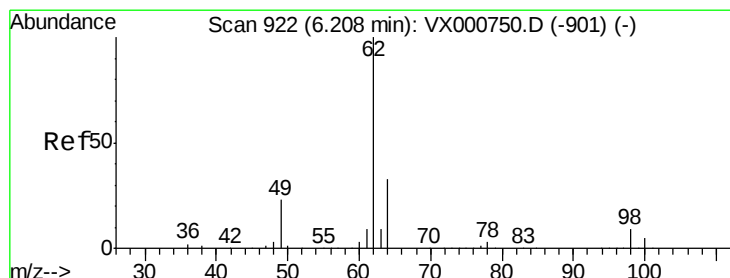
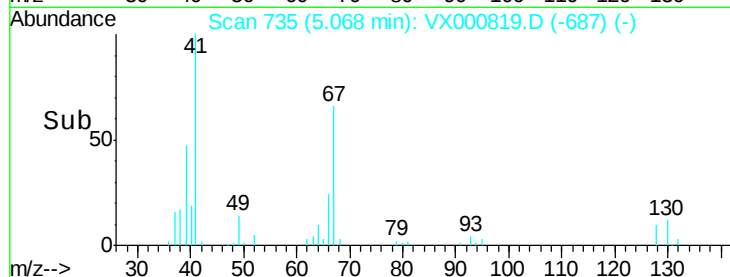
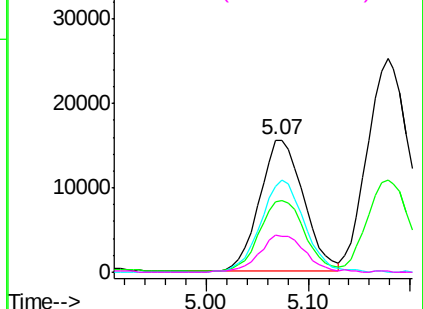
#41
Methacrylonitrile
Concen: 21.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

Tgt Ion:	41	Resp:	46906
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.9	67.3
67	69.0	54.7	82.1
52	29.0	23.0	34.6

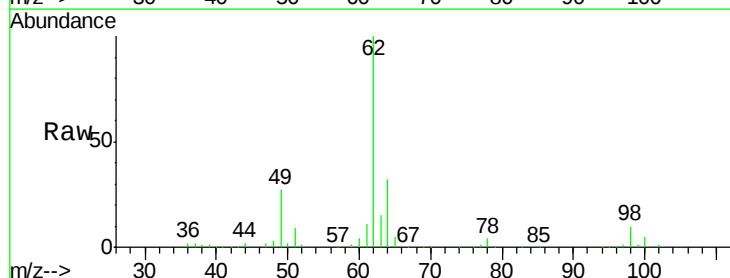


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

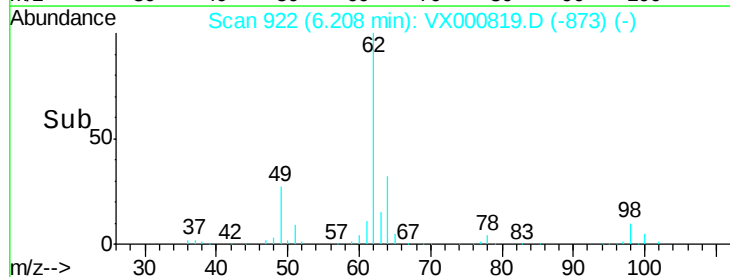
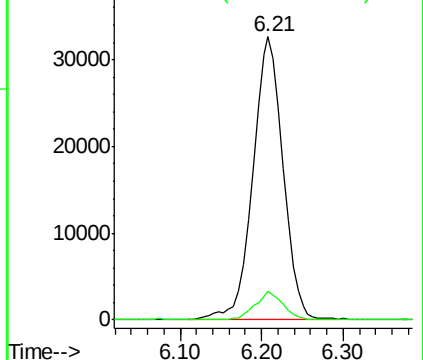


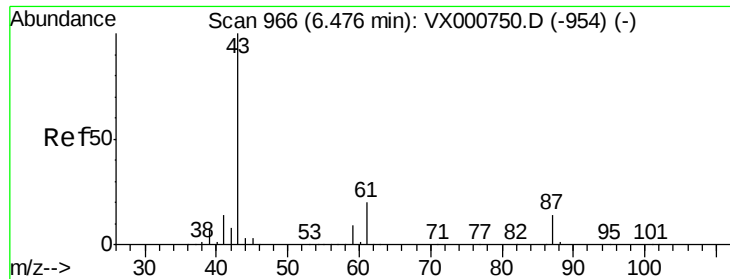
#42
1,2-Dichloroethane
Concen: 21.15 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:	62	Resp:	84292
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 20.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

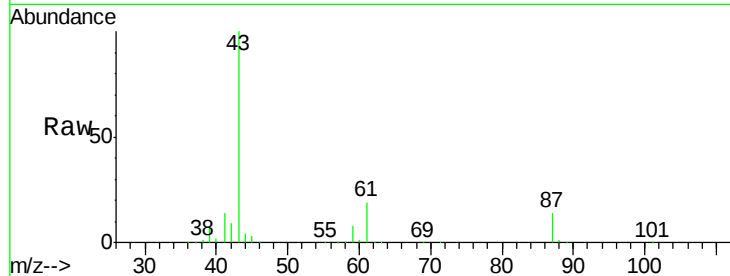
Tgt Ion: 43 Resp: 133236

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

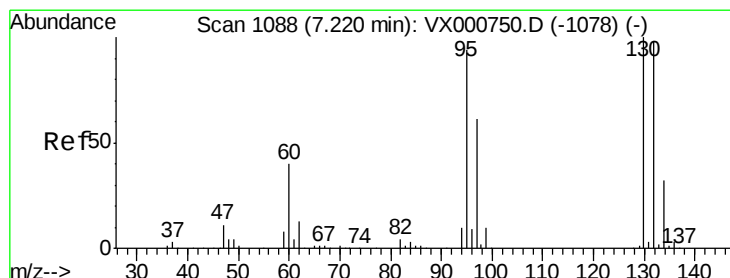
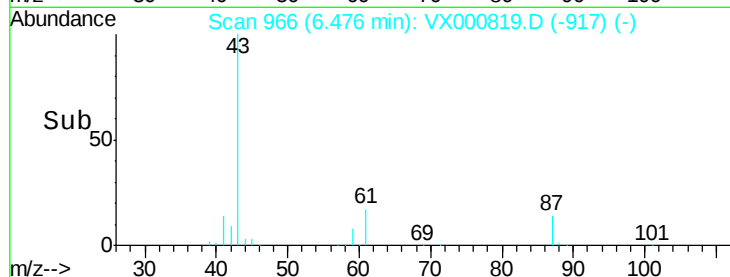
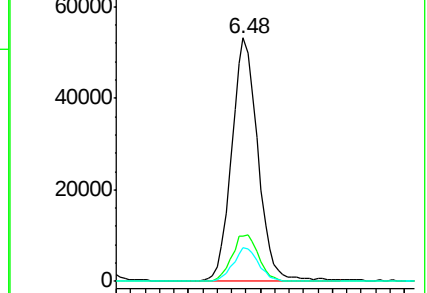
87 13.7 10.7 16.1



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: 20.62 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000819.D

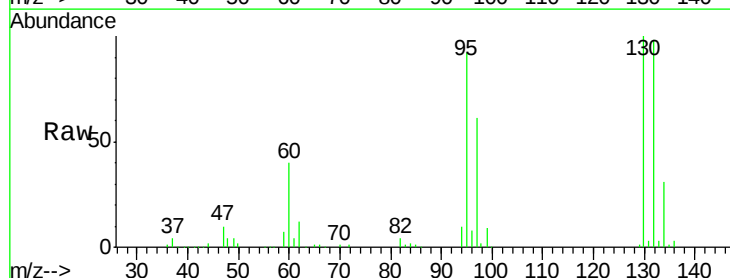
Acq: 12 Apr 2018 23:21

Tgt Ion: 130 Resp: 68432

Ion Ratio Lower Upper

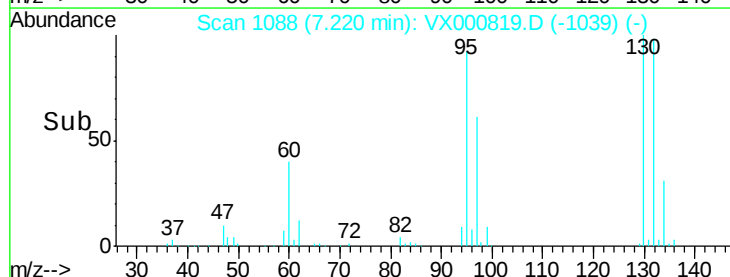
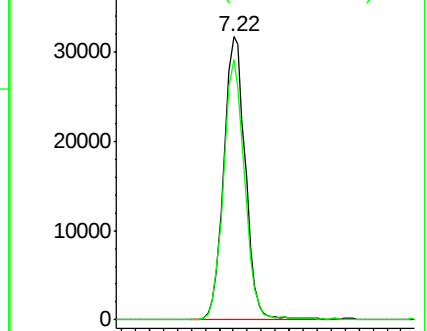
130 100

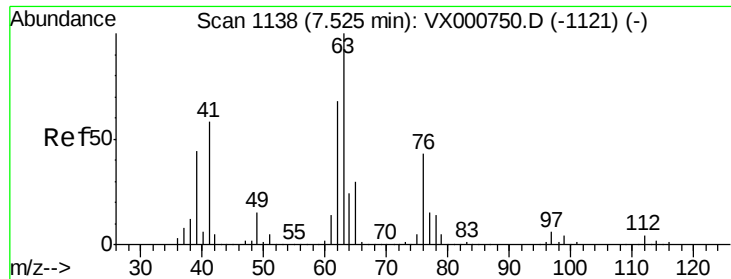
95 92.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

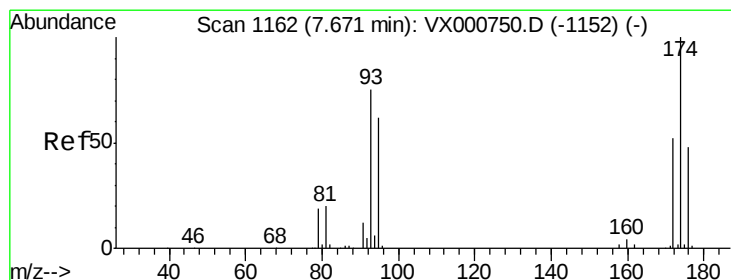
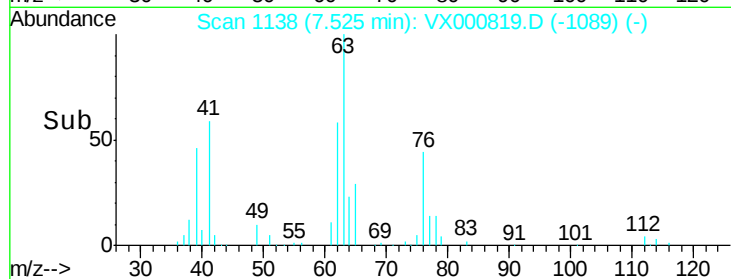
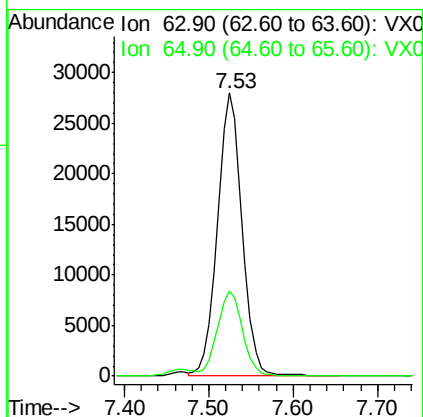
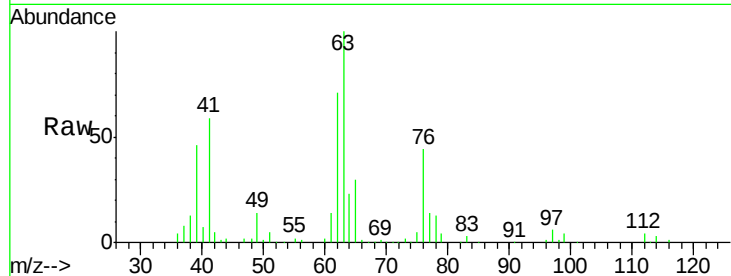




#45
 1,2-Dichloropropane
 Concen: 20.80 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

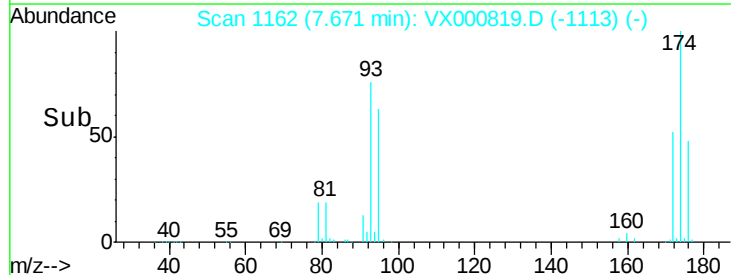
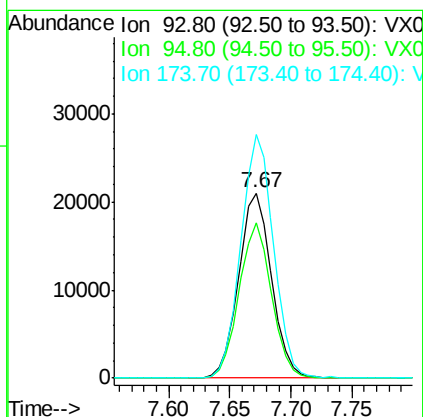
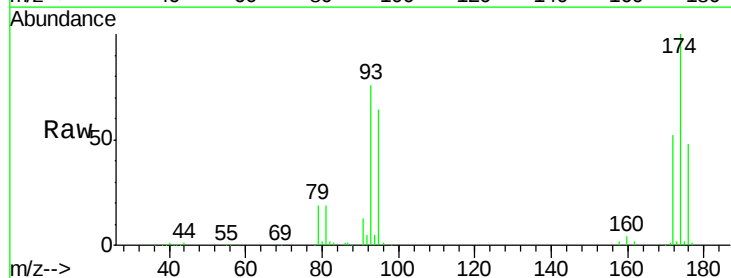
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

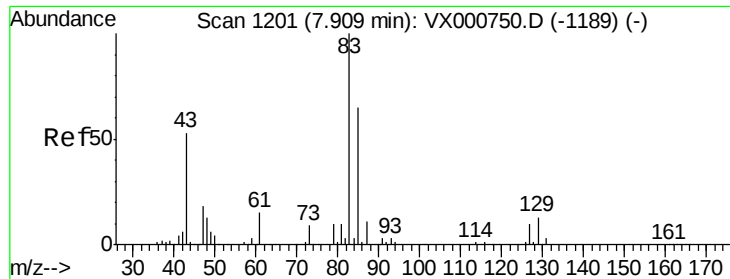
Tgt Ion: 63 Resp: 56527
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.7 35.5



#46
 Dibromomethane
 Concen: 20.73 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 93 Resp: 39277
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 130.5 104.5 156.7





#47

Bromodichloromethane

Concen: 20.31 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

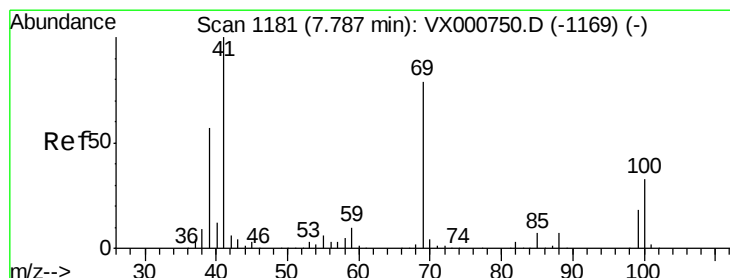
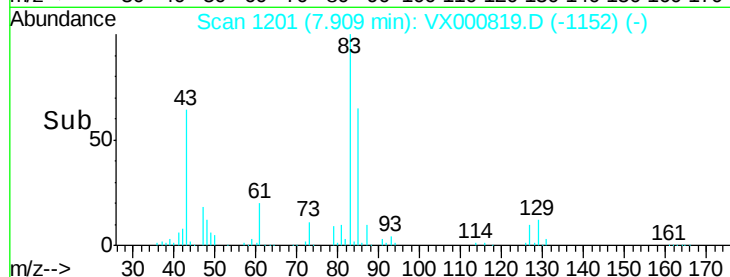
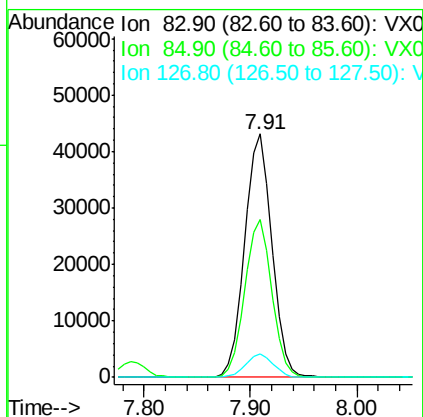
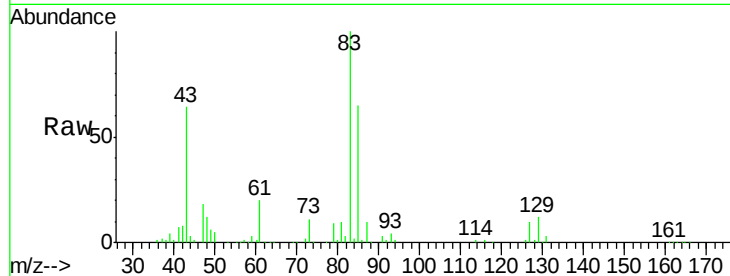
Tgt Ion: 83 Resp: 77663

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.4

127 9.8 7.8 11.8



#48

Methyl methacrylate

Concen: 21.28 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

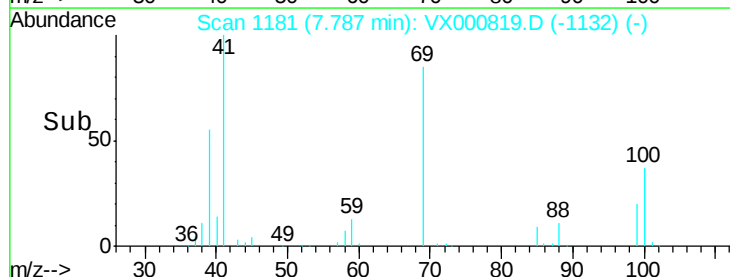
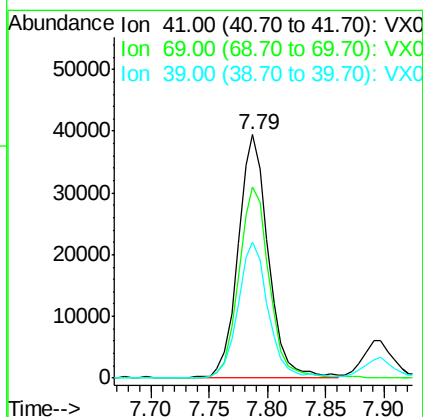
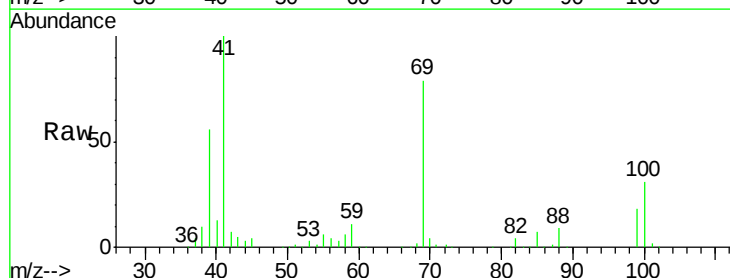
Tgt Ion: 41 Resp: 70904

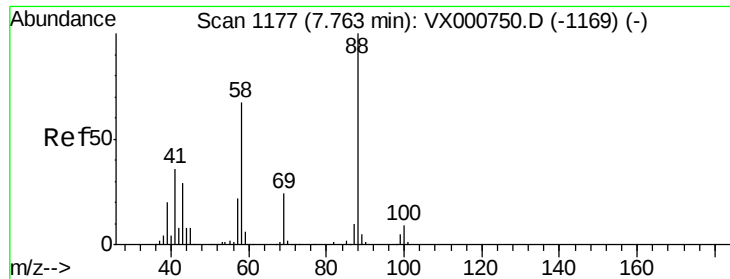
Ion Ratio Lower Upper

41 100

69 80.1 63.9 95.9

39 55.1 45.9 68.9

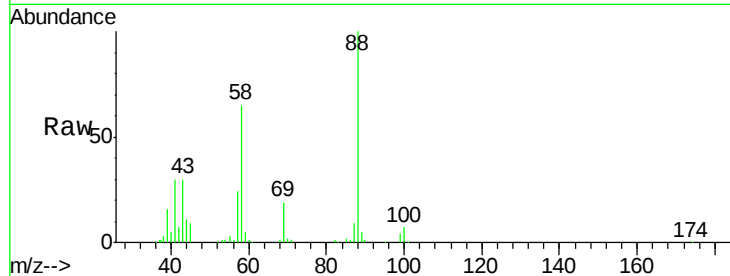




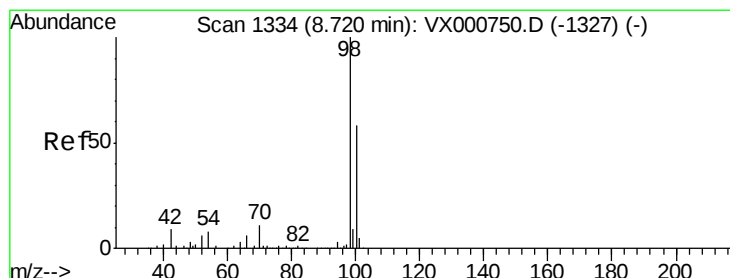
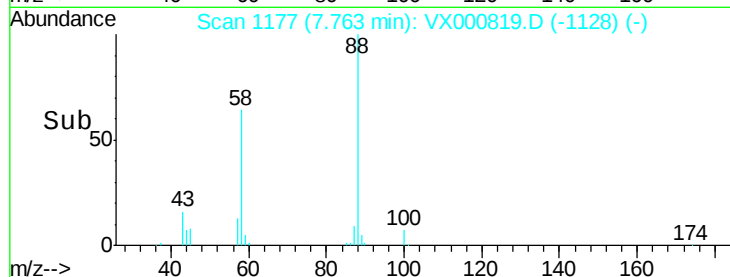
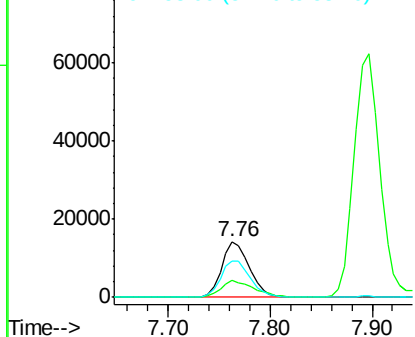
#49
 1,4-Dioxane
 Concen: 402.31 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.3	25.8	38.8
58	70.0	54.4	81.6

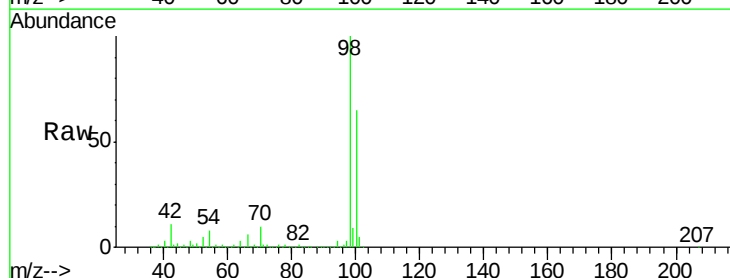


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

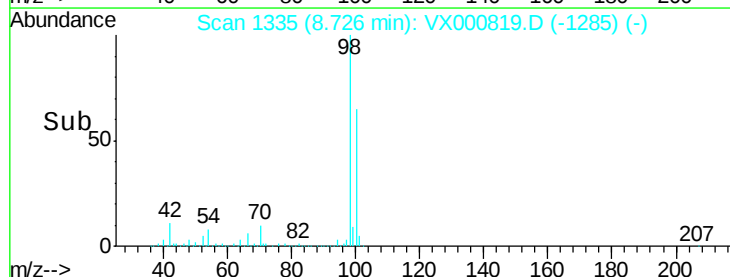
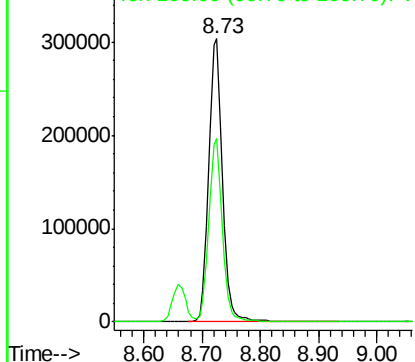


#50
 Toluene-d8
 Concen: 50.01 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	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: 109.74 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

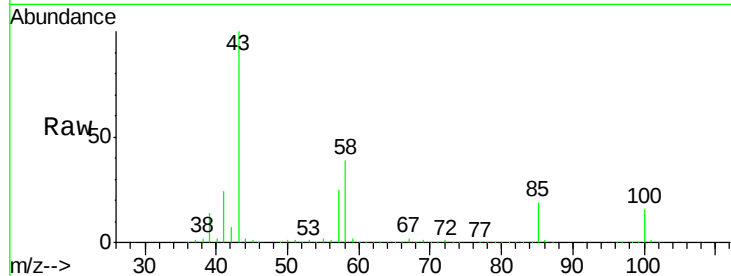
VX0412WBSD02

Tgt Ion: 43 Resp: 414336

Ion Ratio Lower Upper

43 100

58 37.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

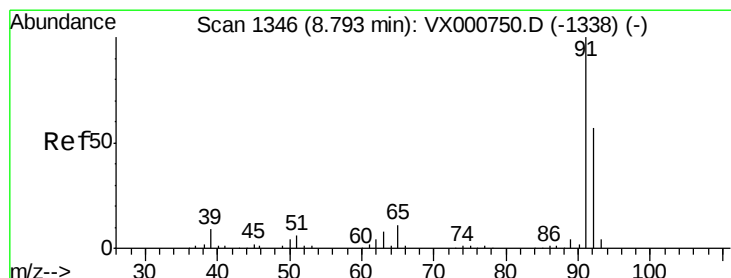
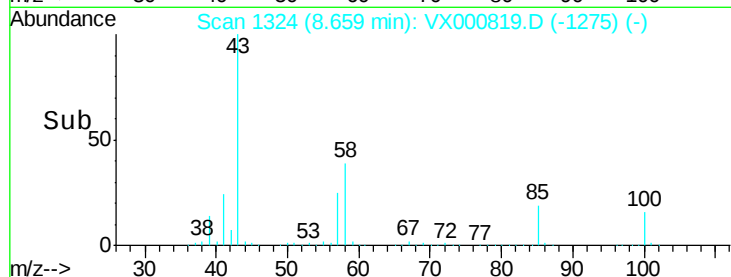
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000819.D

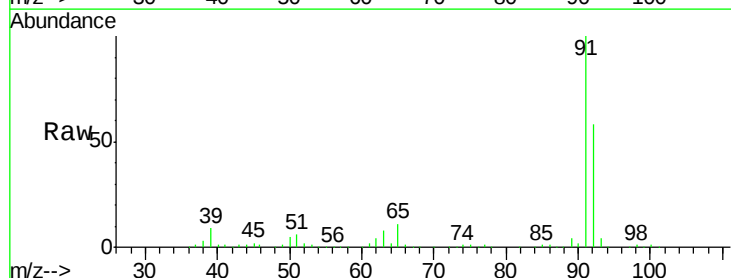
Acq: 12 Apr 2018 23:21

Tgt Ion: 92 Resp: 146241

Ion Ratio Lower Upper

92 100

91 172.6 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

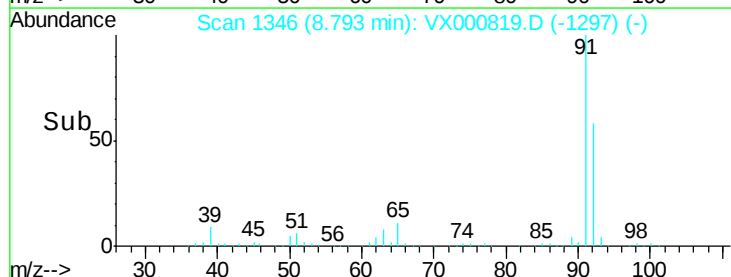
150000

100000

50000

0

Time-->

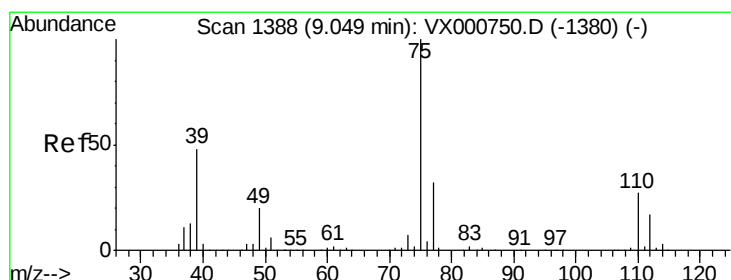
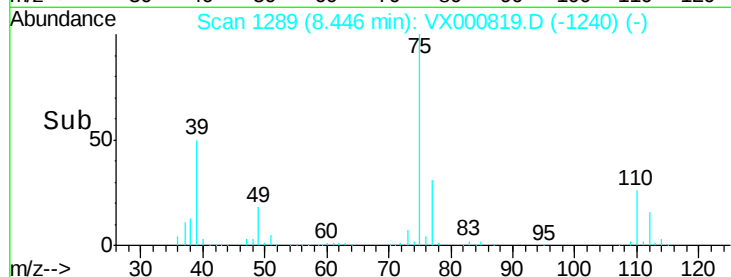
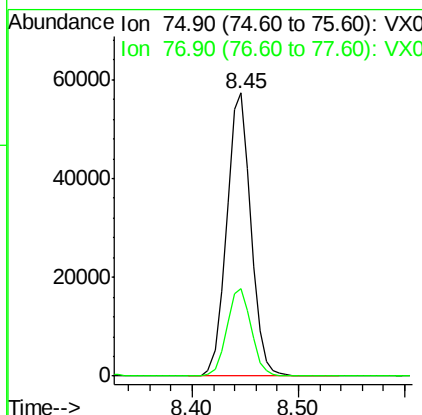
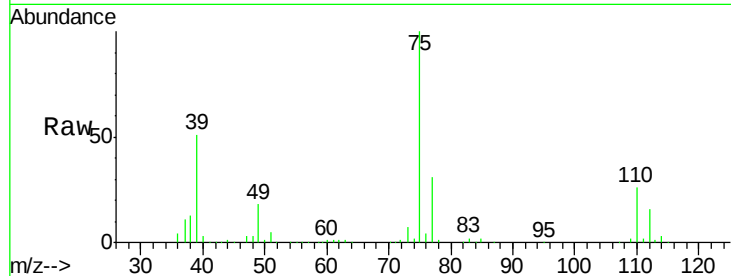




#53
 t-1,3-Dichloropropene
 Concen: 19.86 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

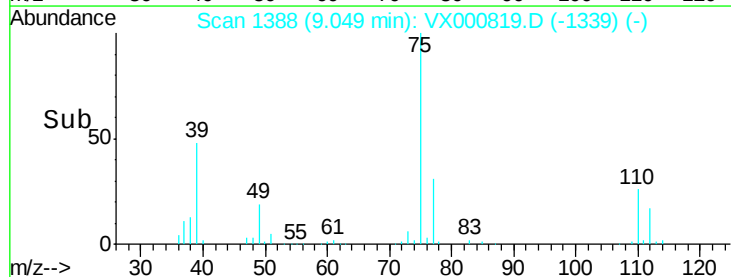
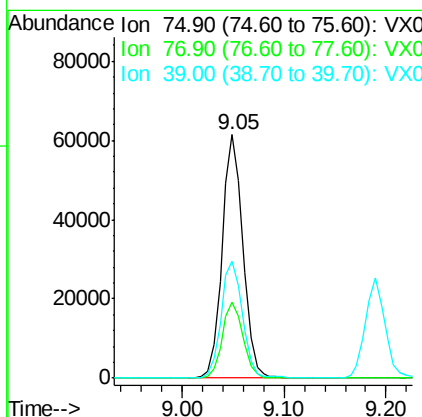
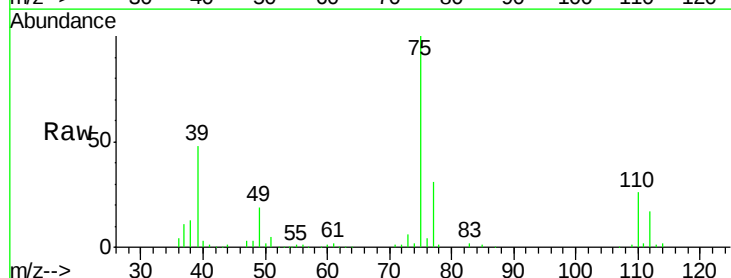
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Tgt Ion: 75 Resp: 91093
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 75 Resp: 86797
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 47.9 38.6 58.0

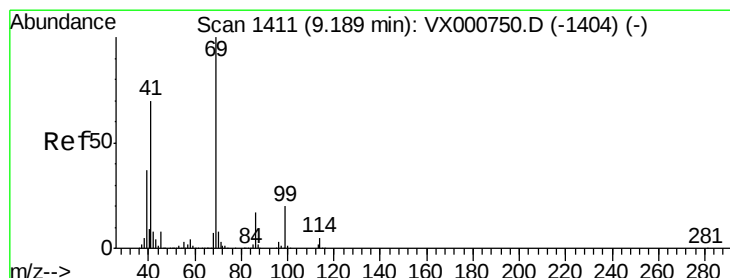
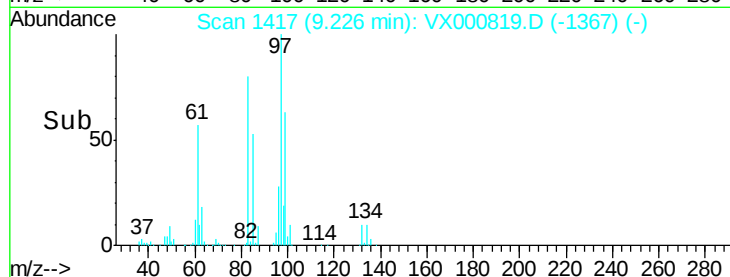
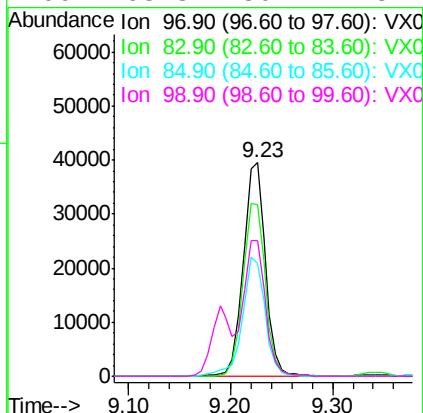
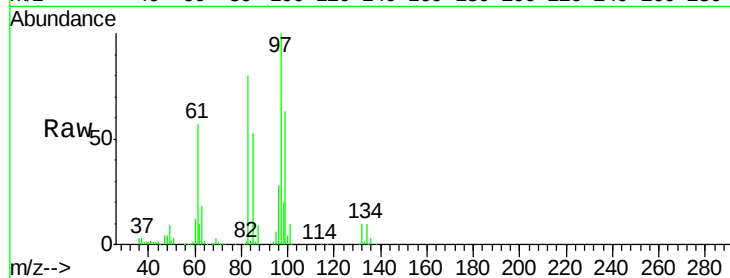




#55
 1,1,2-Trichloroethane
 Concen: 20.99 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

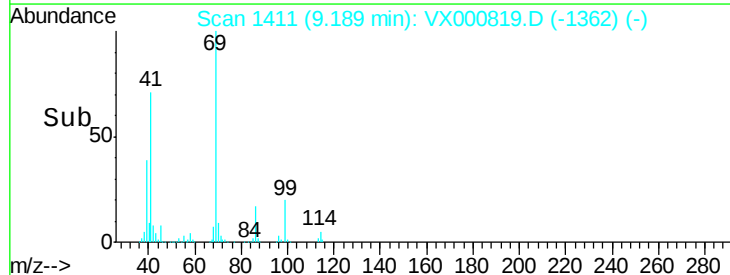
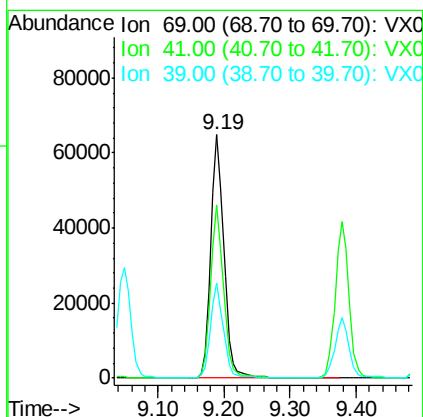
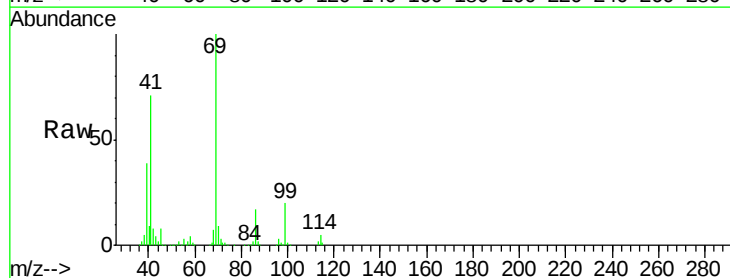
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

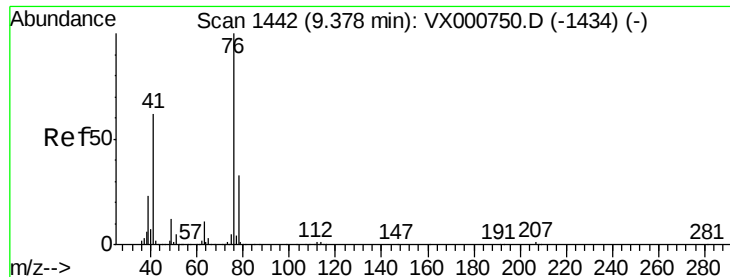
Tgt Ion:	97	Resp:	58987
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.6	101.4
85	52.5	43.8	65.6
99	63.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion:	69	Resp:	89906
Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.6	83.4
39	37.7	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

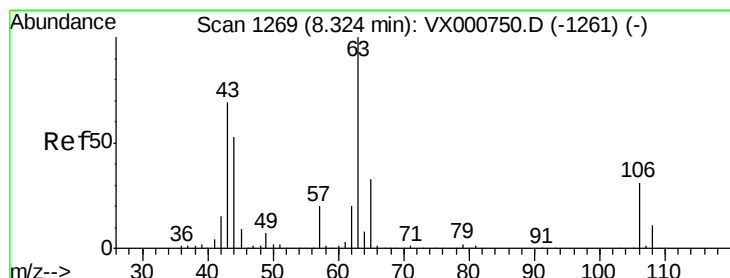
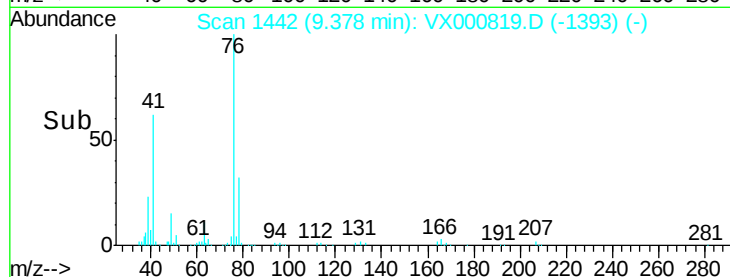
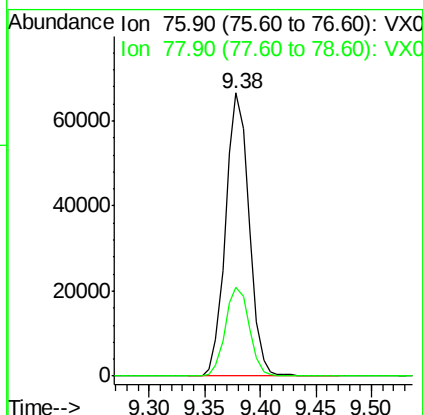
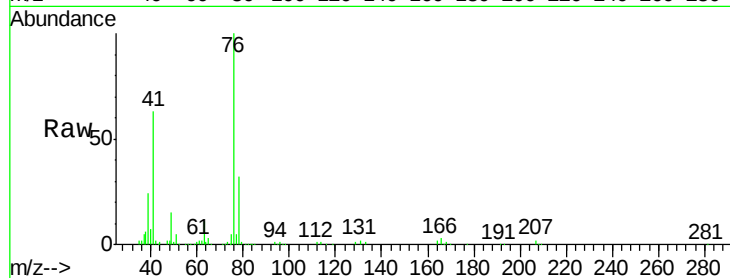
VX0412WBSD02

Tgt Ion: 76 Resp: 97153

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.71 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000819.D

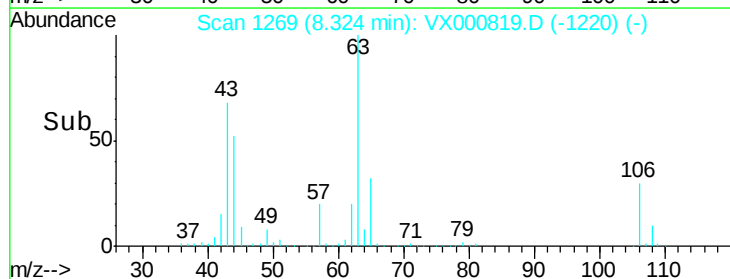
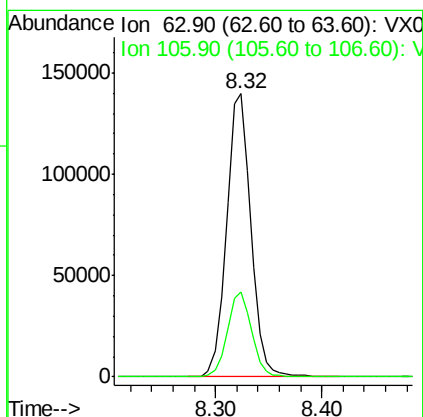
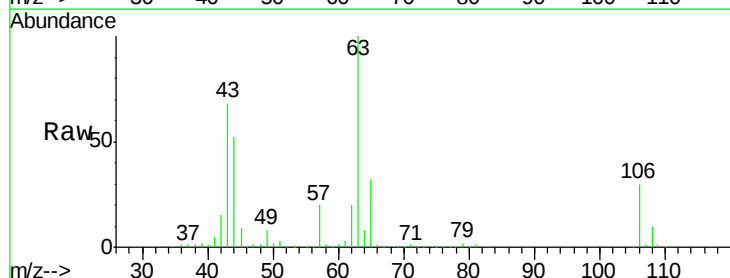
Acq: 12 Apr 2018 23:21

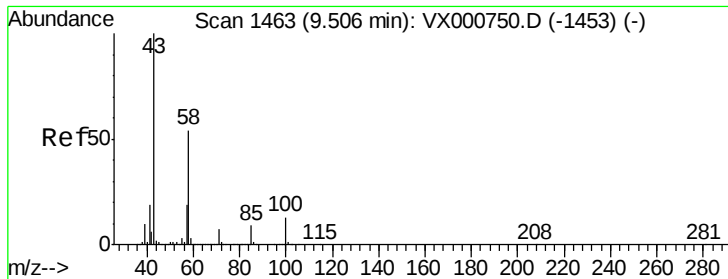
Tgt Ion: 63 Resp: 222226

Ion Ratio Lower Upper

63 100

106 30.1 24.3 36.5

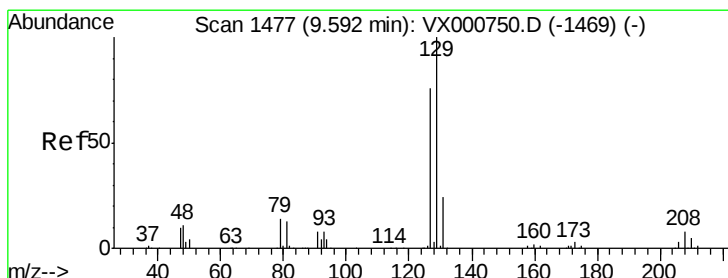
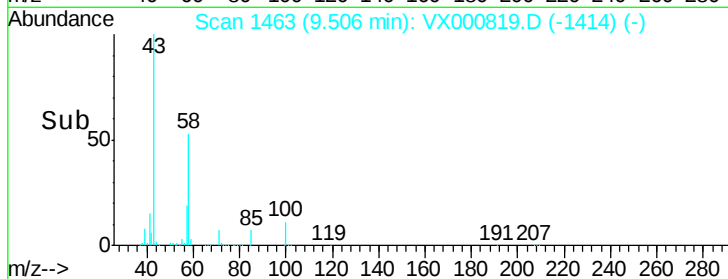
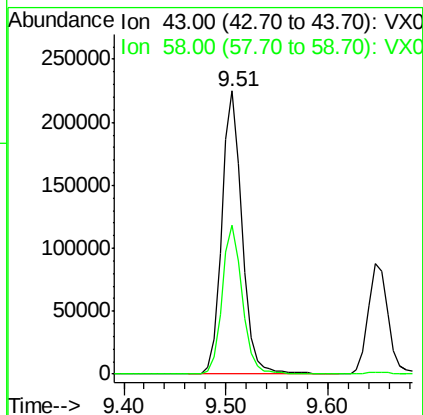
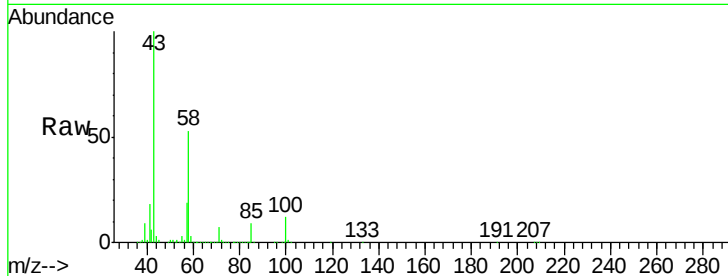




#59
2-Hexanone
Concen: 106.40 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

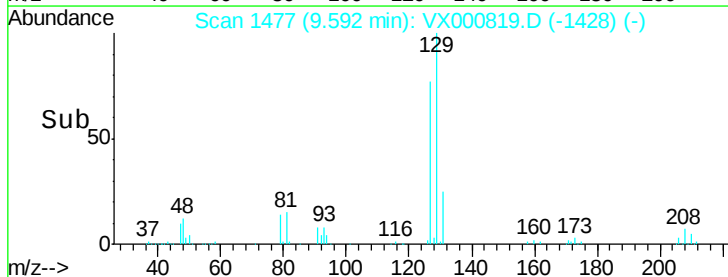
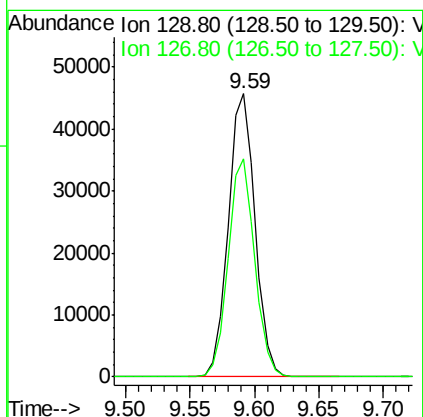
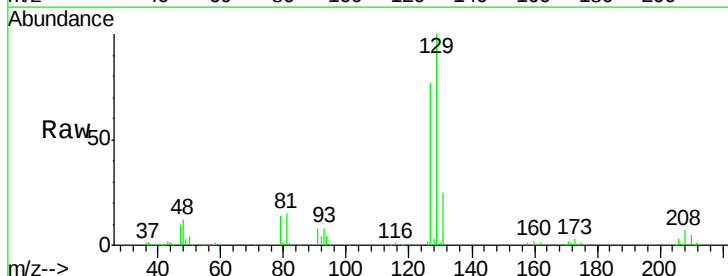
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

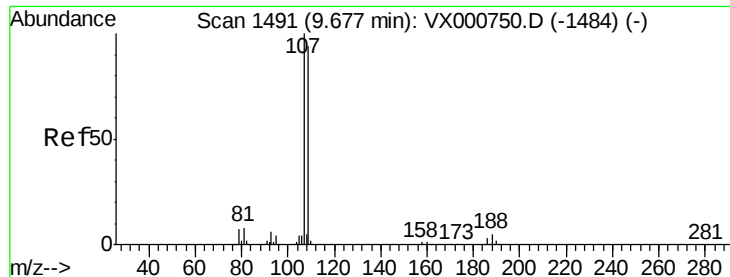
Tgt Ion: 43 Resp: 310130
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5



#60
Dibromochloromethane
Concen: 19.84 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 129 Resp: 66720
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

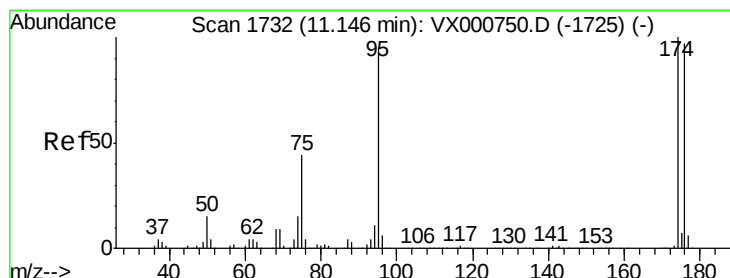
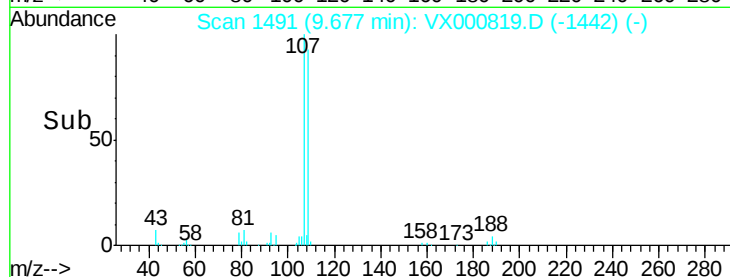
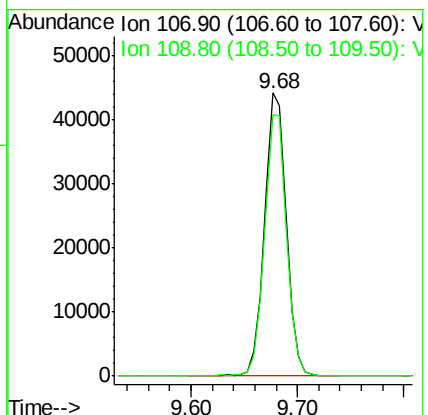
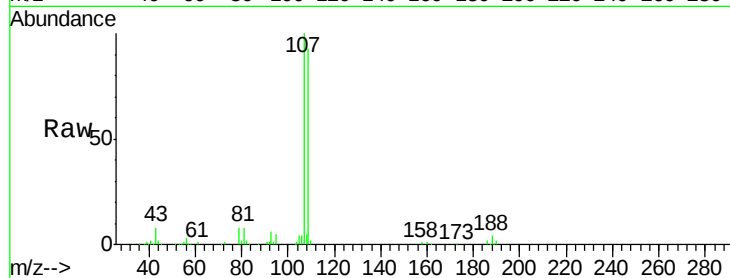
VX0412WBSD02

Tgt Ion: 107 Resp: 63813

Ion Ratio Lower Upper

107 100

109 93.9 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

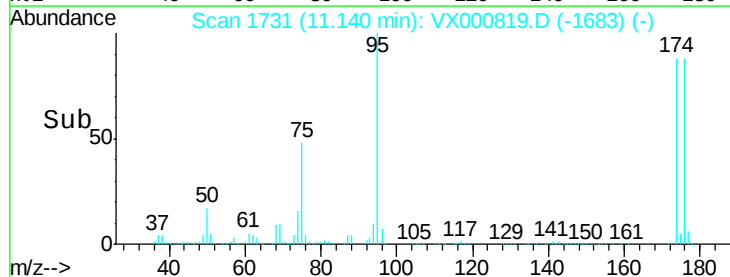
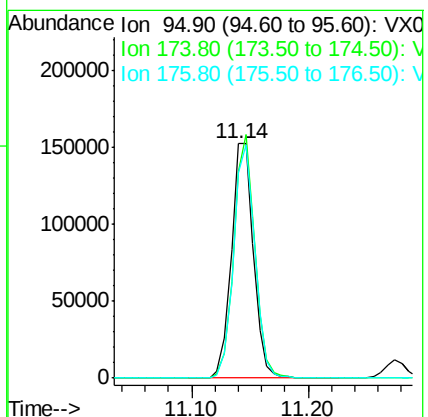
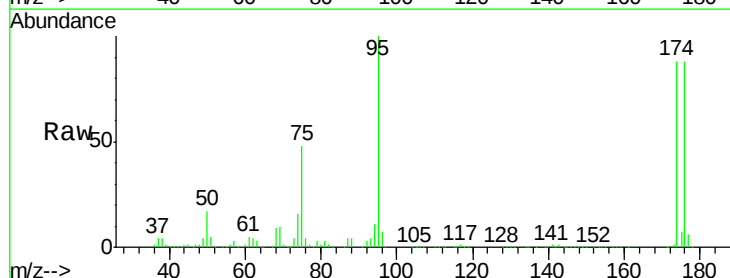
Tgt Ion: 95 Resp: 202151

Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

176 96.0 0.0 194.4

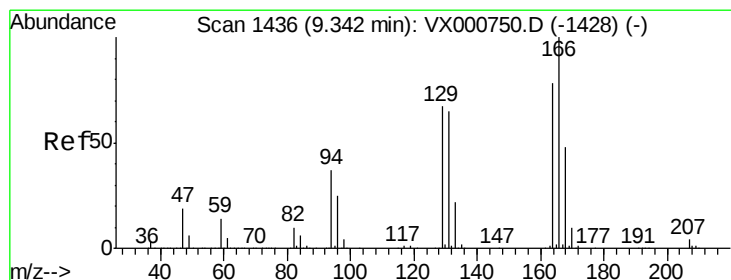
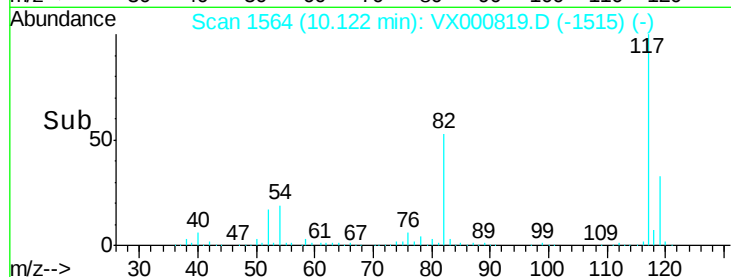
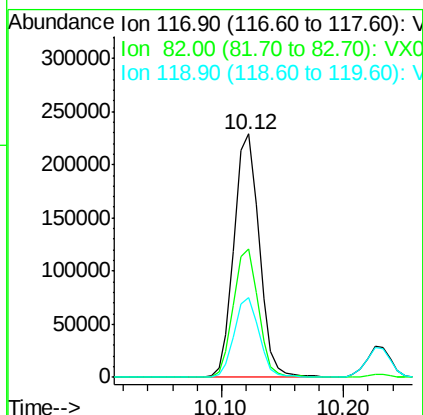
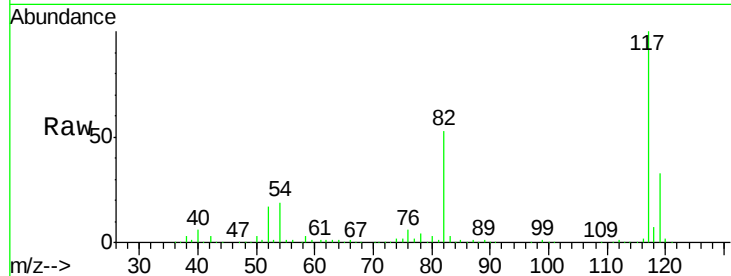




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

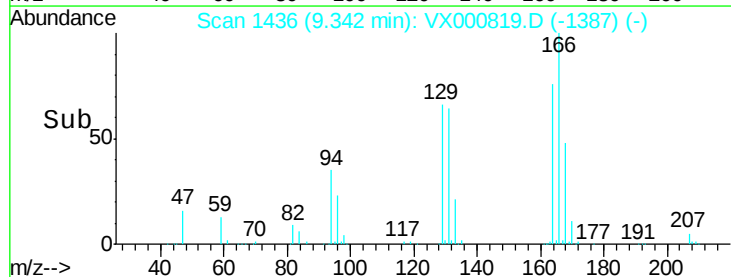
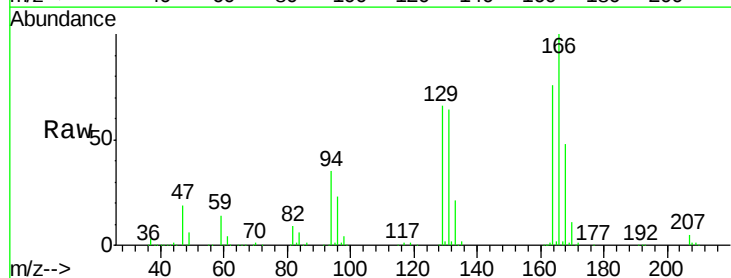
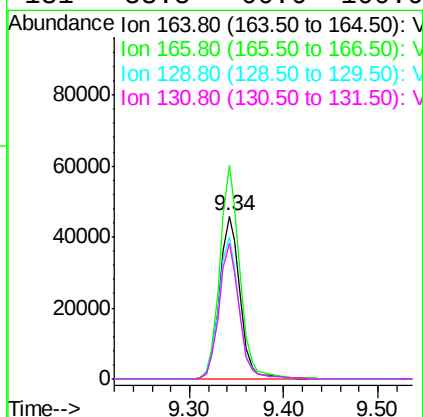
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

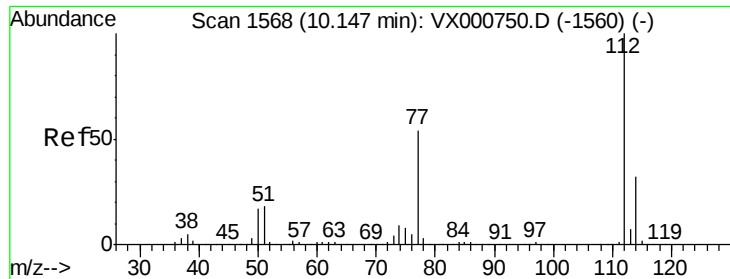
Tgt Ion:117 Resp: 327320
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 21.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:164 Resp: 69102
Ion Ratio Lower Upper
164 100
166 131.1 102.8 154.2
129 87.1 68.5 102.7
131 83.5 66.6 100.0

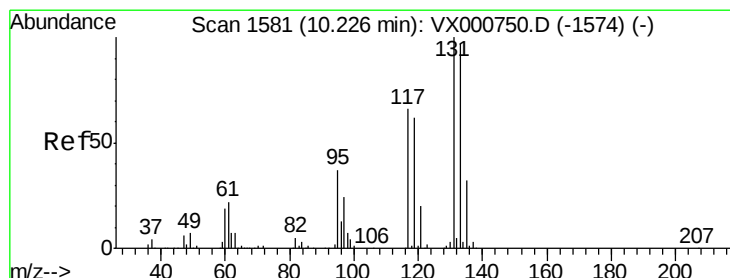
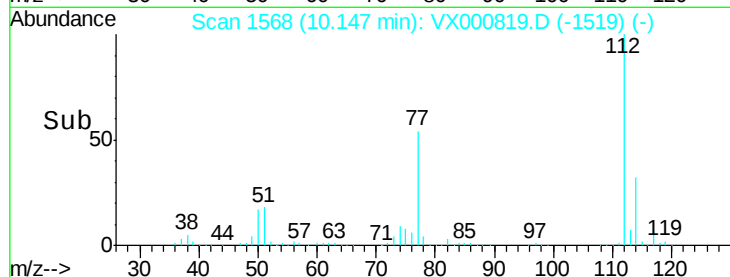
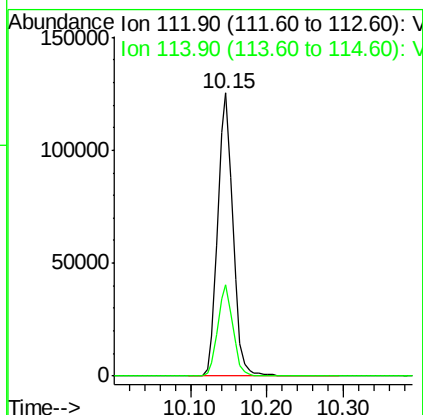
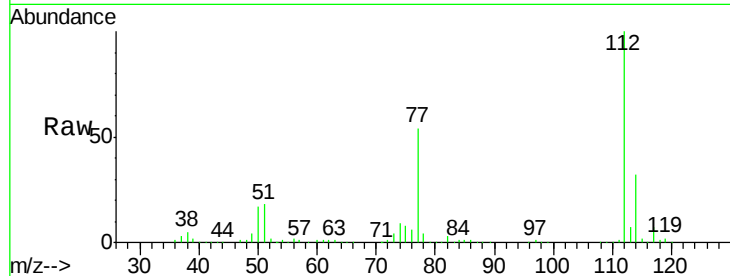




#65
Chlorobenzene
Concen: 20.97 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

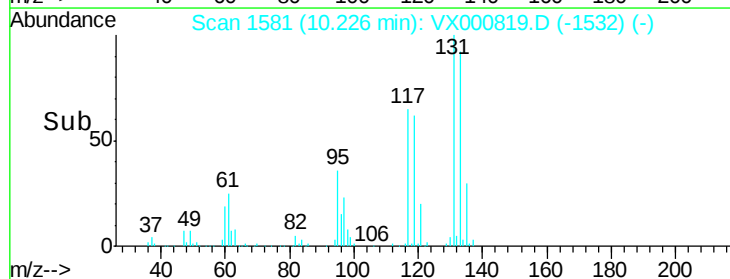
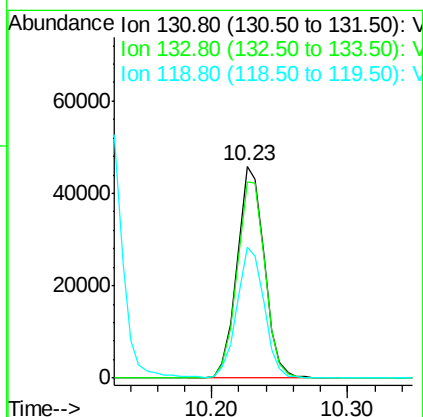
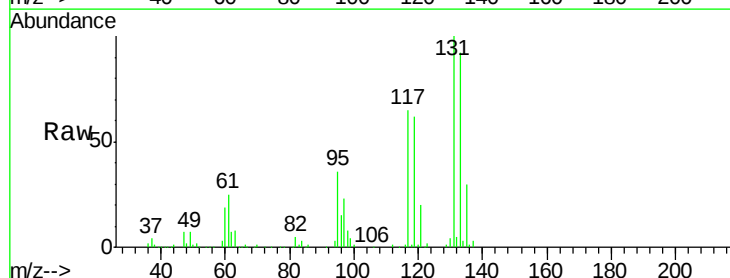
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

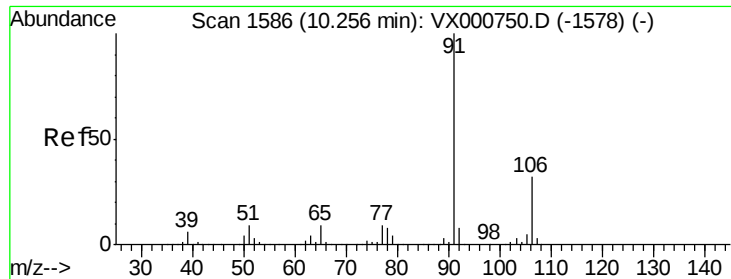
Tgt Ion:112 Resp: 172638
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.59 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:131 Resp: 63806
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.9
119 62.0 31.4 94.0

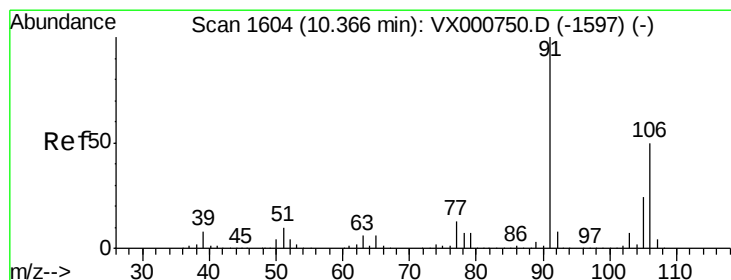
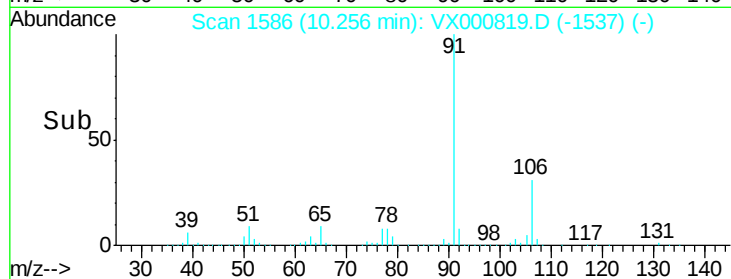
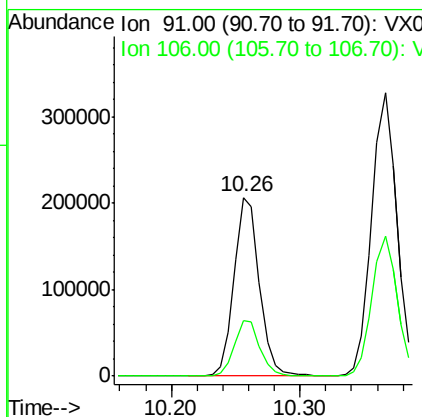
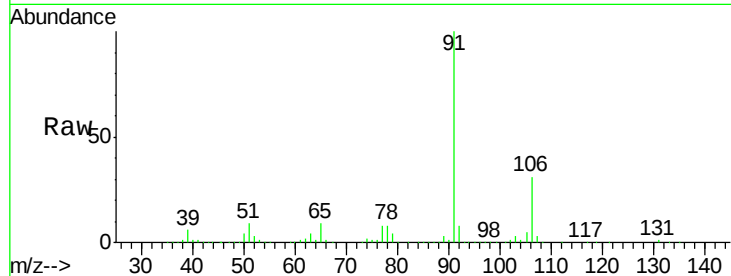




#67
Ethyl Benzene
Concen: 20.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

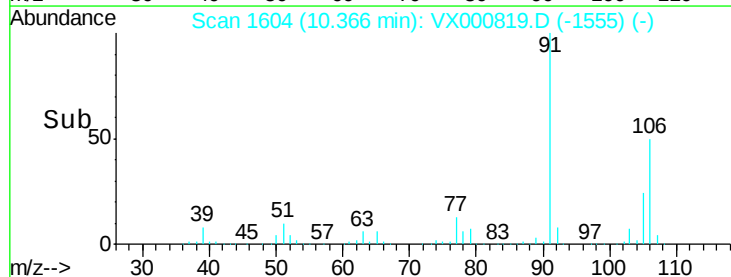
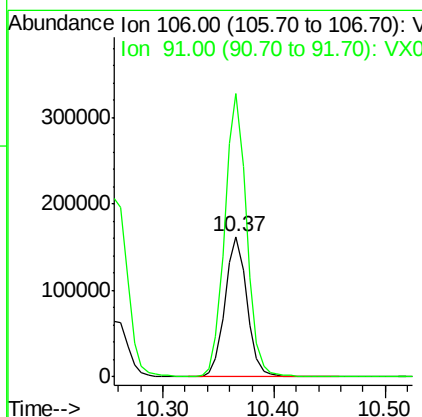
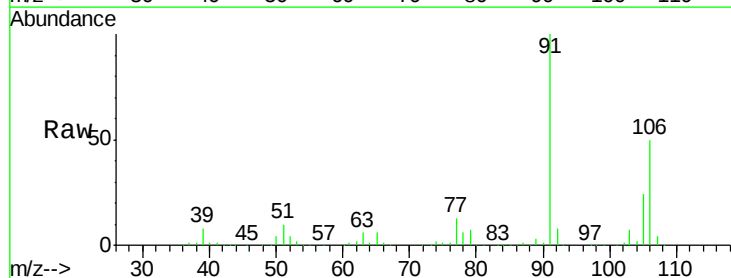
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

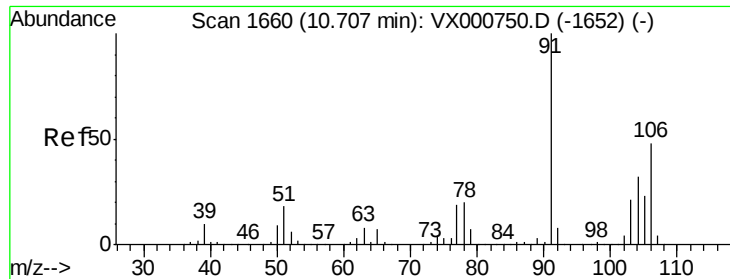
Tgt Ion: 91 Resp: 285397
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 41.04 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 106 Resp: 222351
Ion Ratio Lower Upper
106 100
91 201.5 159.3 238.9

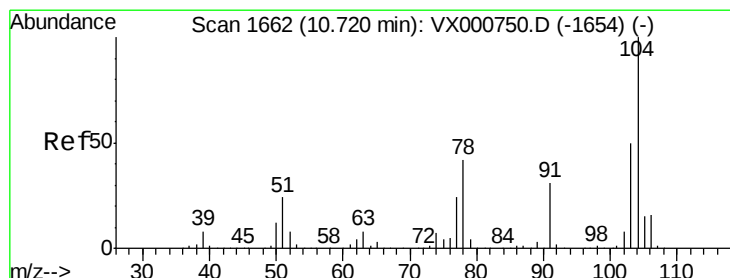
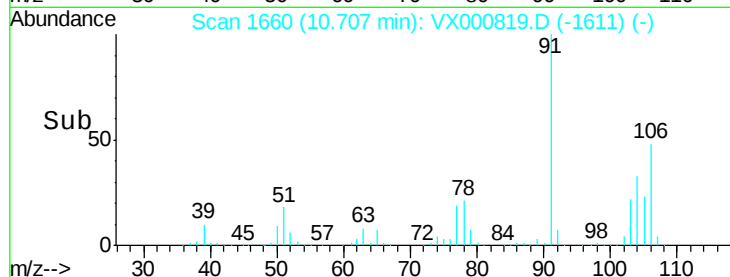
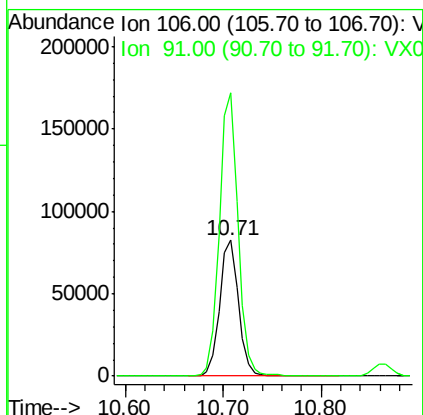
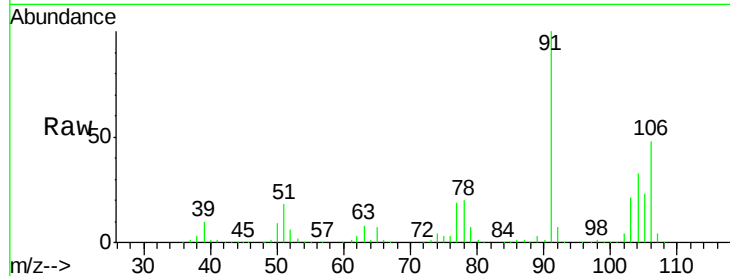




#69
o-Xylene
Concen: 21.08 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

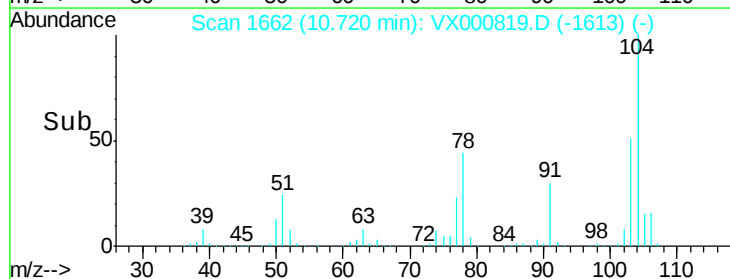
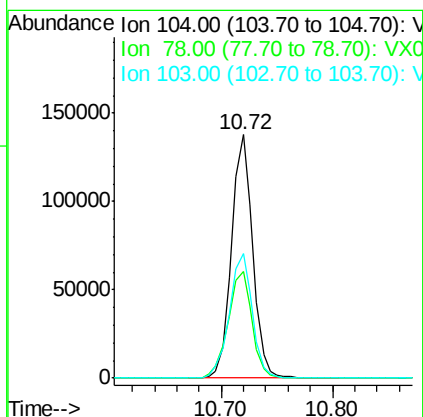
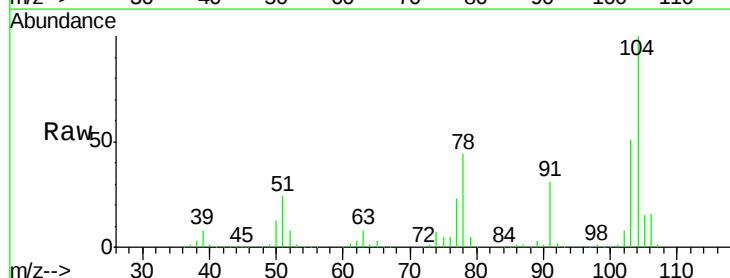
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

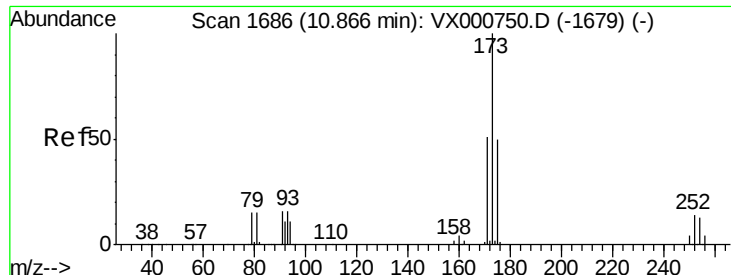
Tgt Ion:106 Resp: 110112
Ion Ratio Lower Upper
106 100
91 207.1 105.0 315.0



#70
Styrene
Concen: 20.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:104 Resp: 181360
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 55.4 44.1 66.1

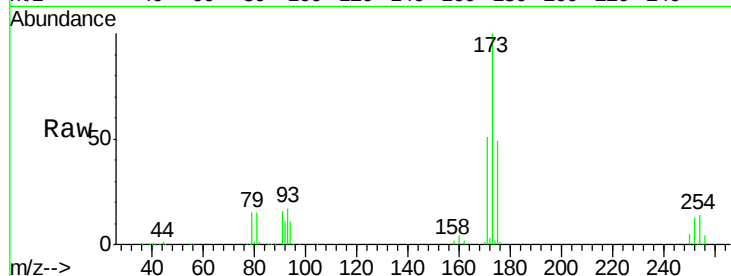




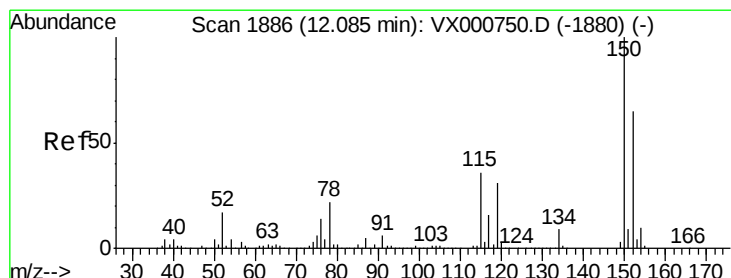
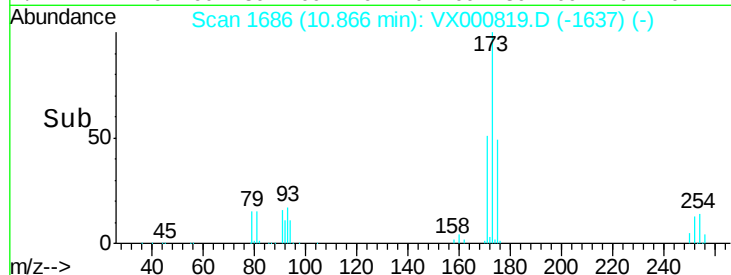
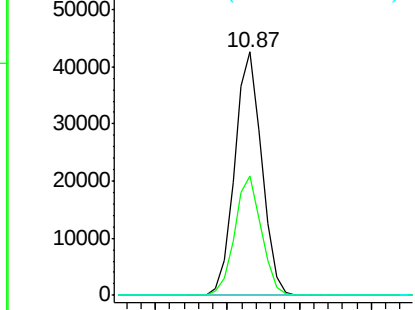
#71
Bromoform
Concen: 19.46 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

Tgt Ion:173 Resp: 55849
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.1 0.2 0.2#

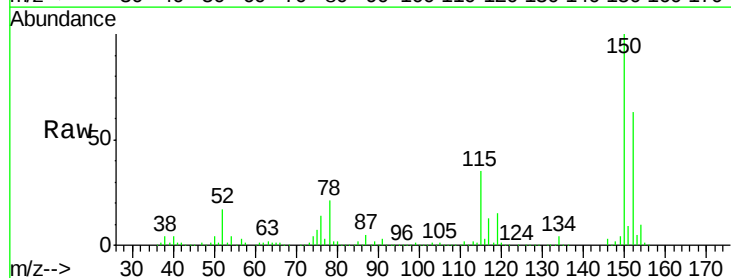


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

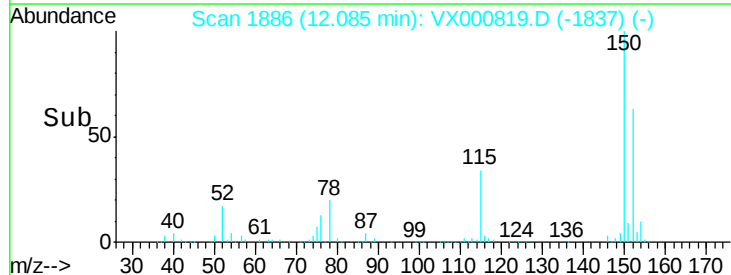
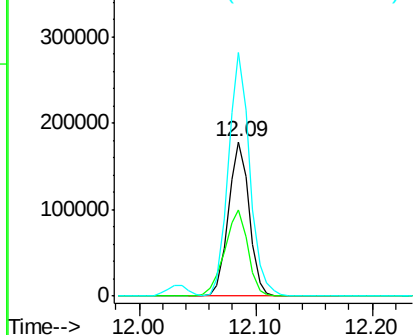


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:152 Resp: 220250
Ion Ratio Lower Upper
152 100
115 62.3 37.9 113.7
150 163.2 0.0 348.0



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





#73

Isopropylbenzene

Concen: 21.15 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

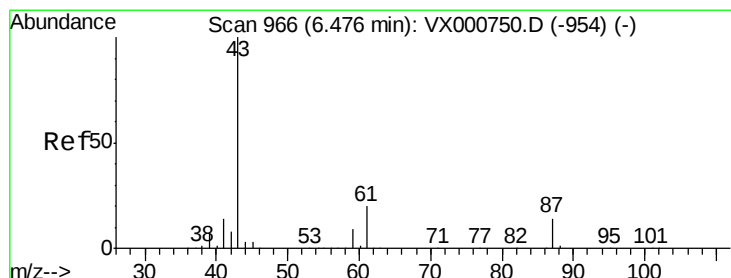
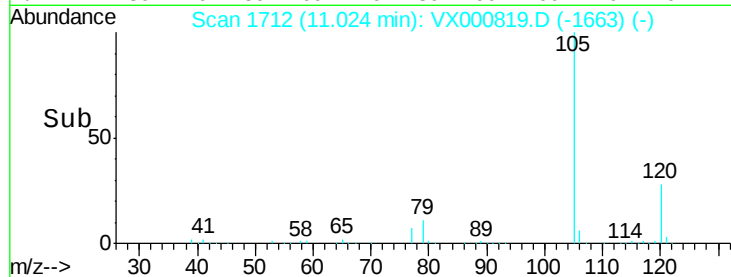
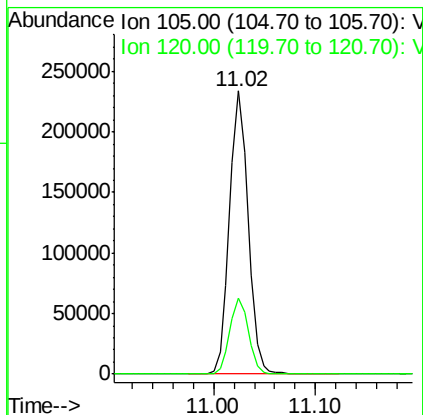
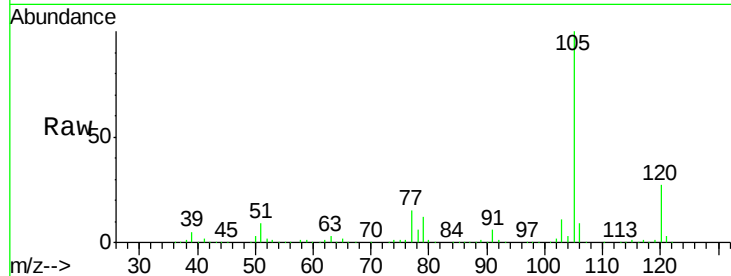
VX0412WBSD02

Tgt Ion:105 Resp: 295478

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0



#74

N-ethyl acetate

Concen: 21.17 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Tgt Ion: 43 Resp: 133236

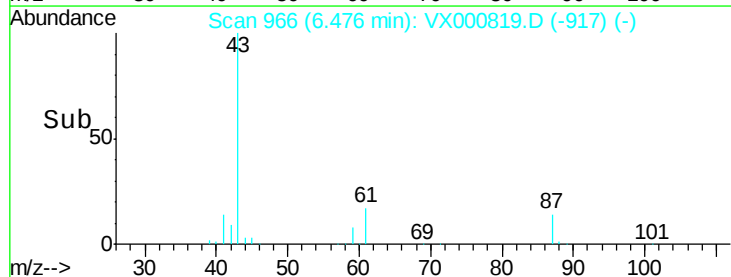
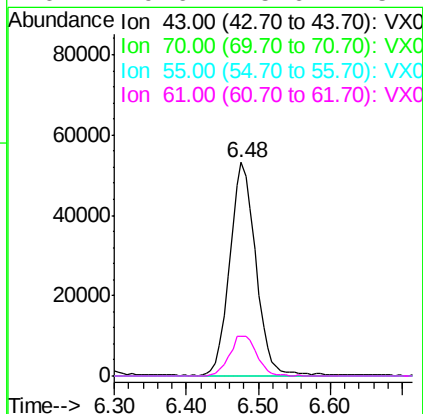
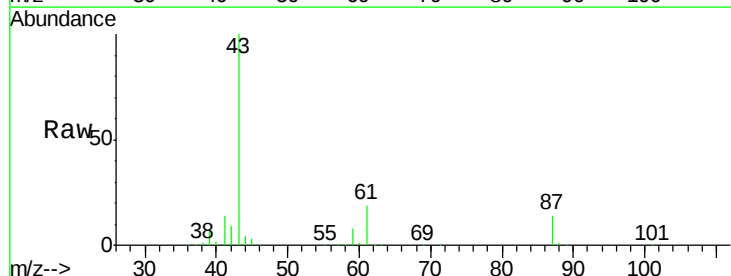
Ion Ratio Lower Upper

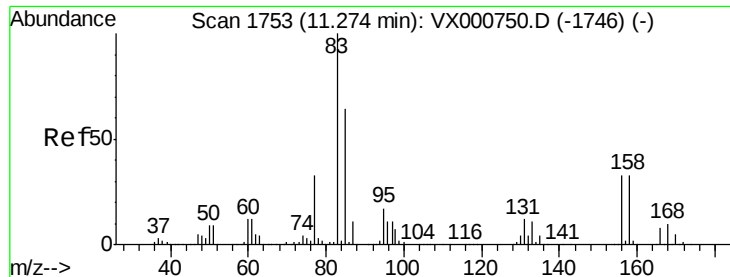
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.25 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

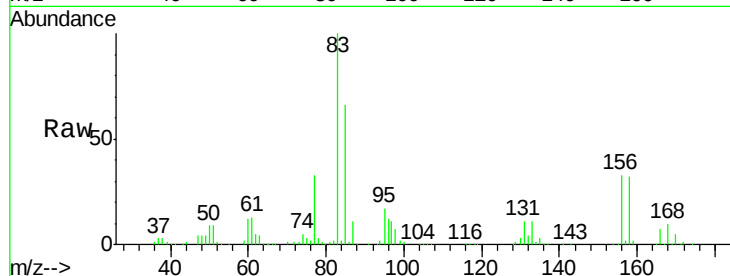
Tgt Ion: 83 Resp: 86187

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

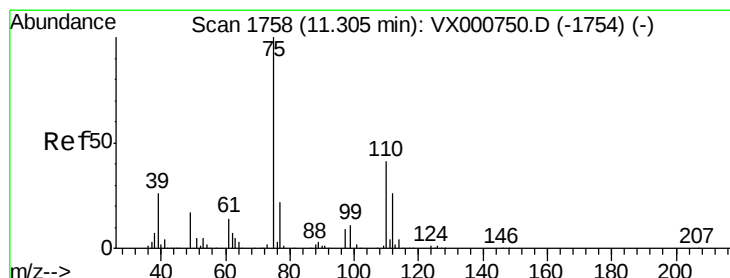
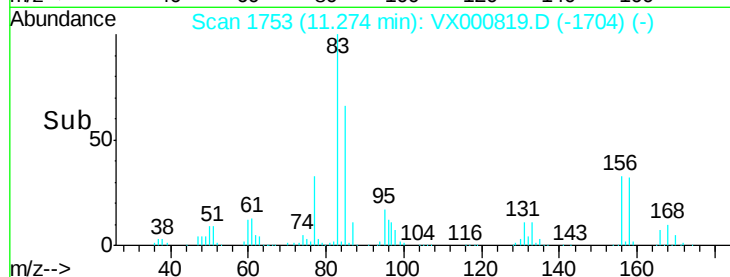
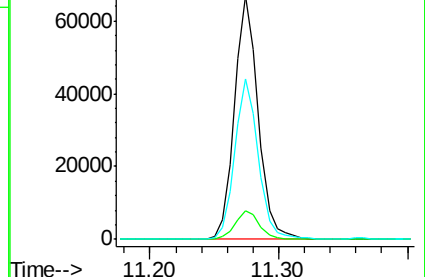
85 65.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.45 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000819.D

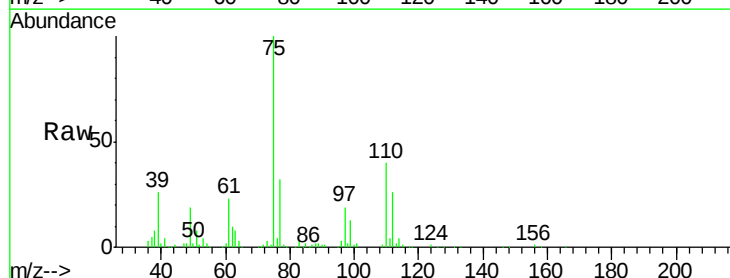
Acq: 12 Apr 2018 23:21

Tgt Ion: 75 Resp: 100452

Ion Ratio Lower Upper

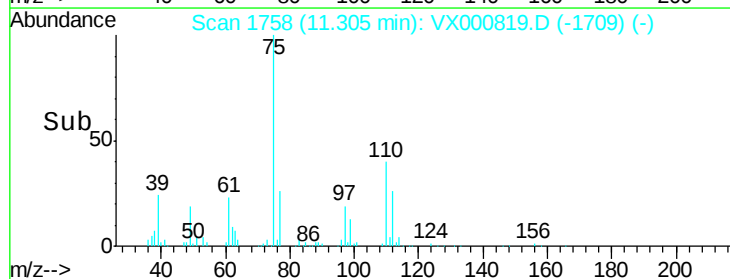
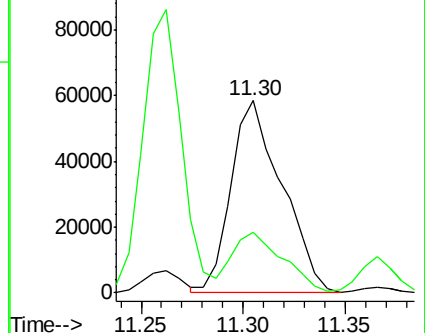
75 100

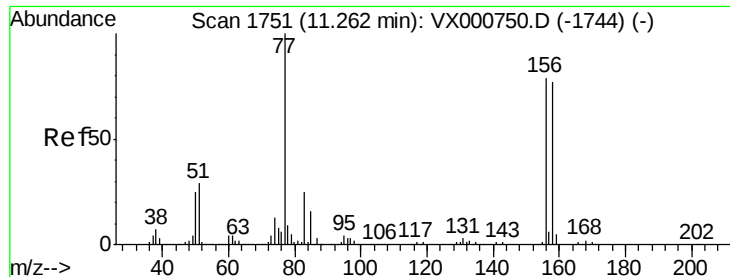
77 31.6 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

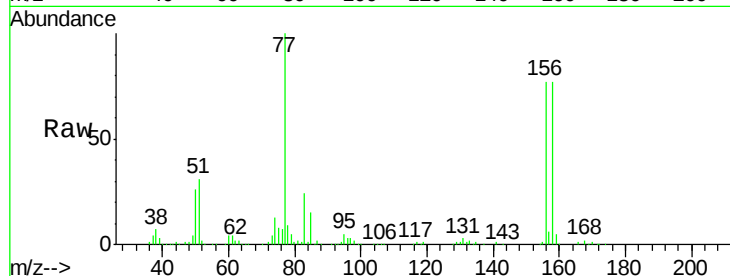
Tgt Ion:156 Resp: 85323

Ion Ratio Lower Upper

156 100

77 133.1 66.0 198.2

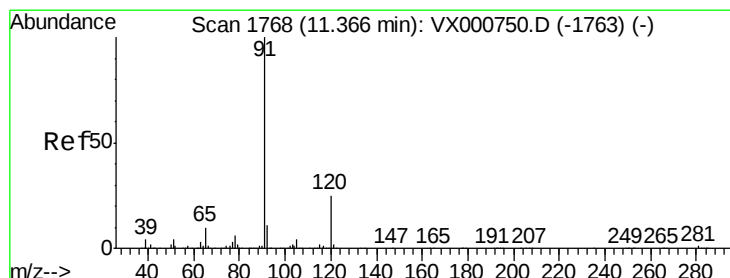
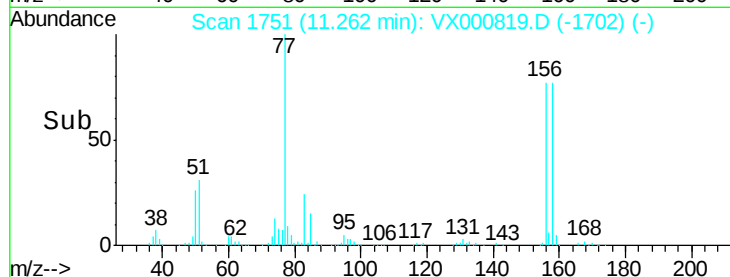
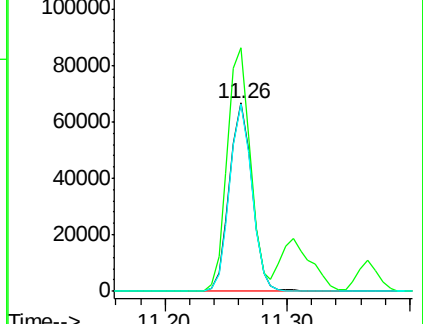
158 98.2 48.8 146.4



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: 20.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000819.D

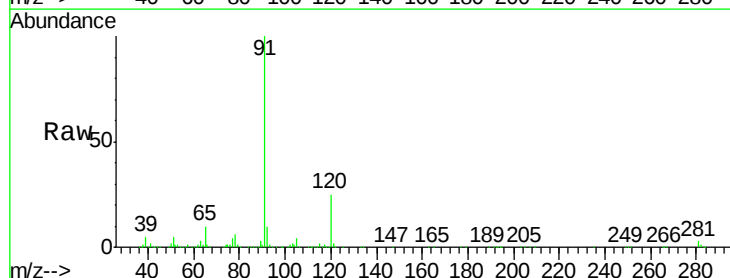
Acq: 12 Apr 2018 23:21

Tgt Ion: 91 Resp: 331121

Ion Ratio Lower Upper

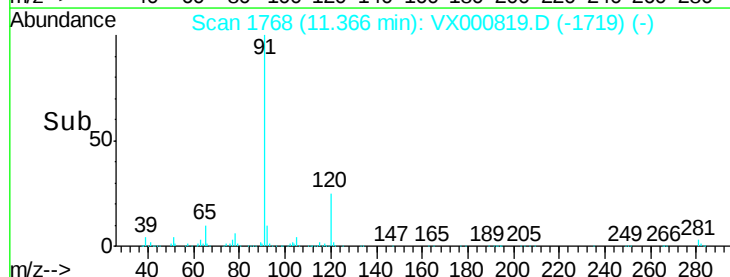
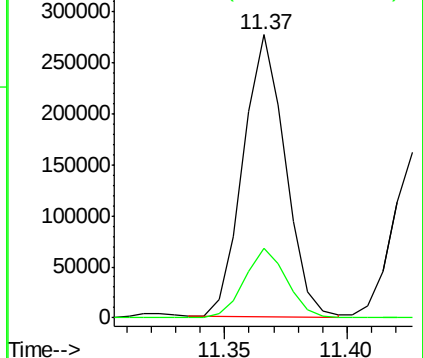
91 100

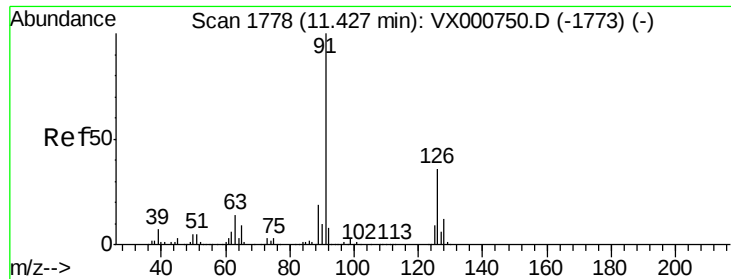
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

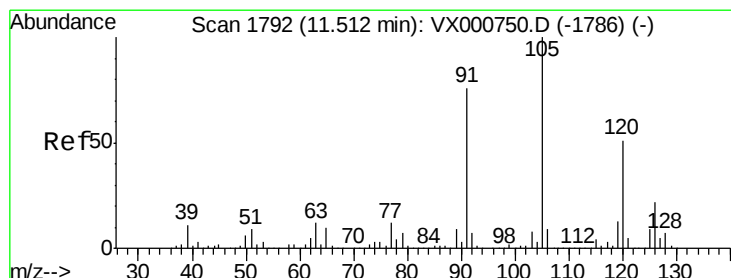
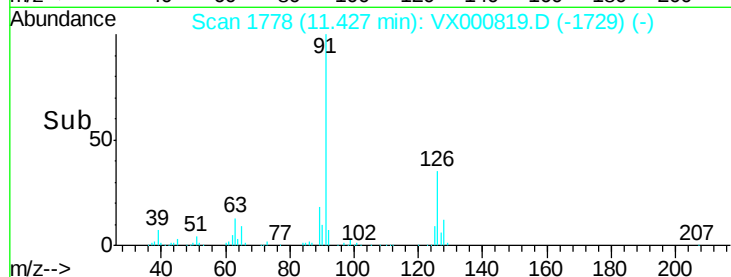
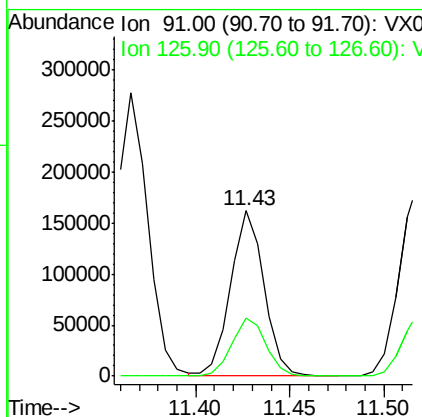
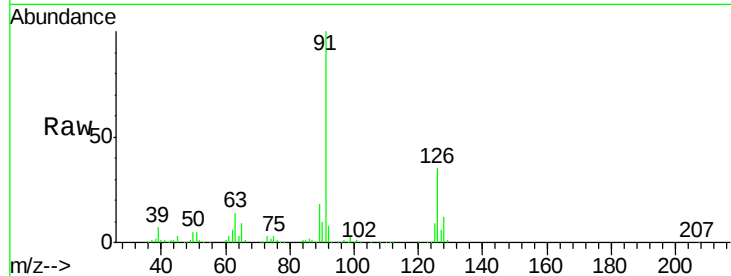




#79
 2-Chlorotoluene
 Concen: 20.85 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

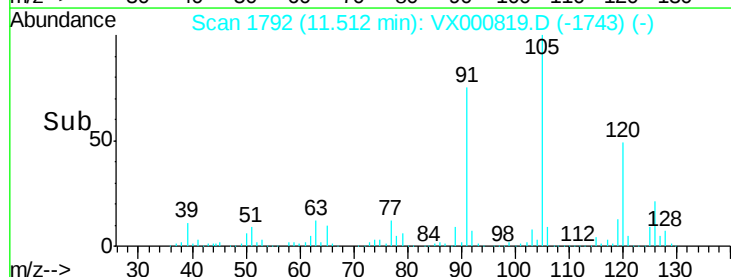
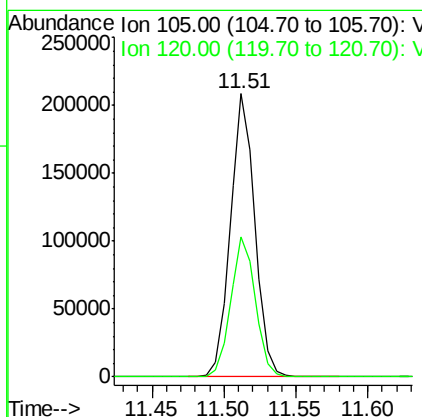
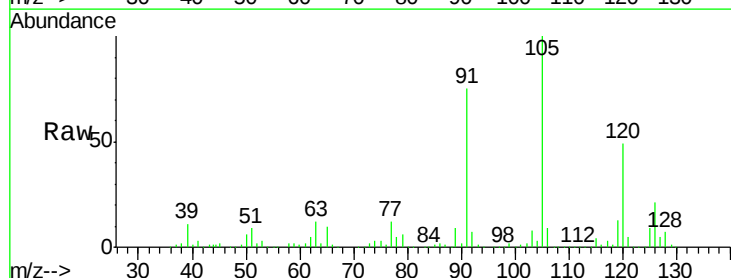
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

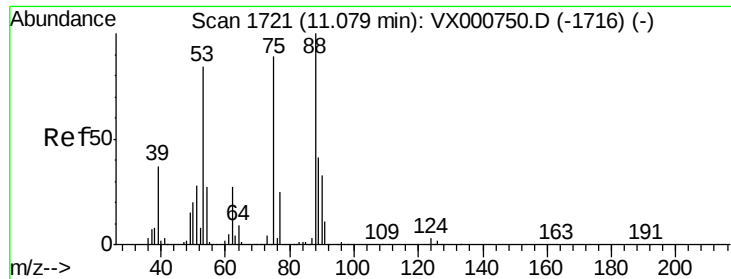
Tgt Ion: 91 Resp: 196900
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.75 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 105 Resp: 249287
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBSD02

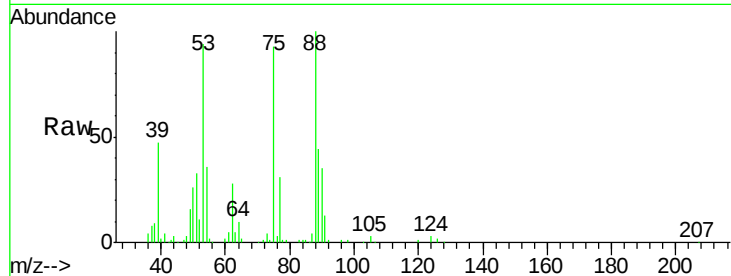
Tgt Ion: 75 Resp: 24524

Ion Ratio Lower Upper

75 100

53 100.4 75.4 113.0

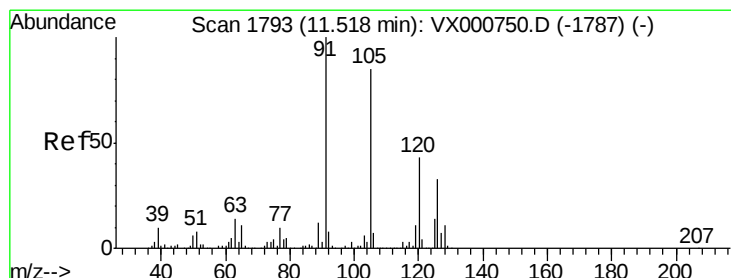
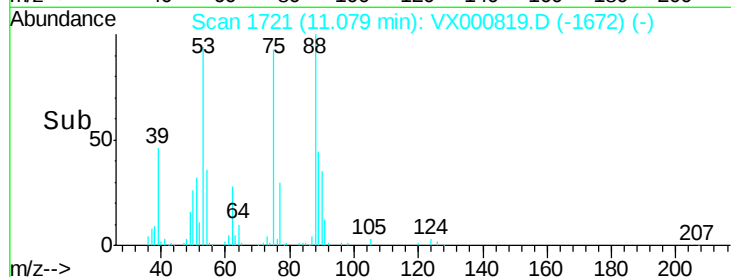
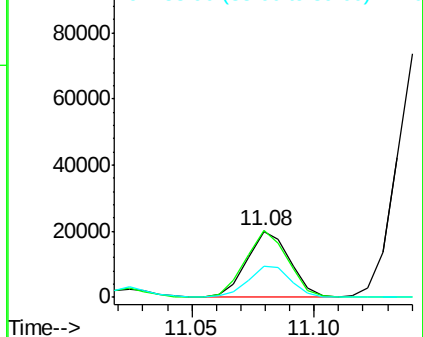
89 47.1 40.9 61.3



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: 20.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000819.D

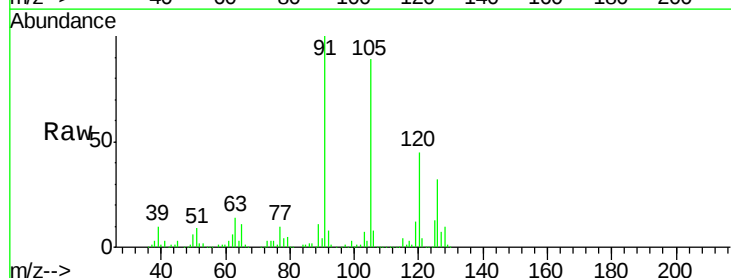
Acq: 12 Apr 2018 23:21

Tgt Ion: 91 Resp: 236470

Ion Ratio Lower Upper

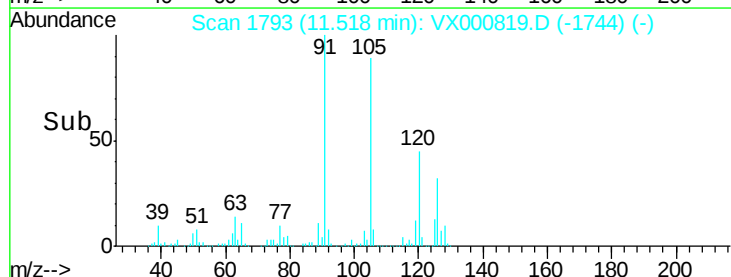
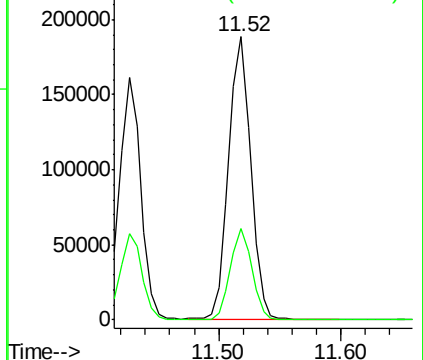
91 100

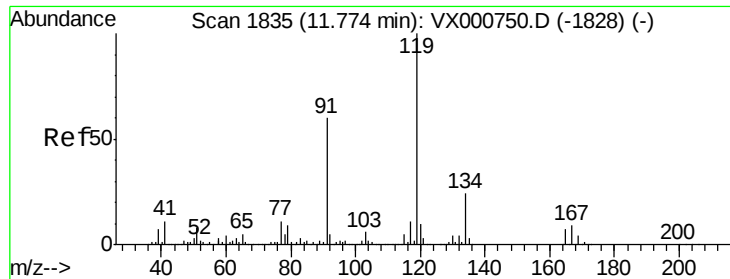
126 31.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

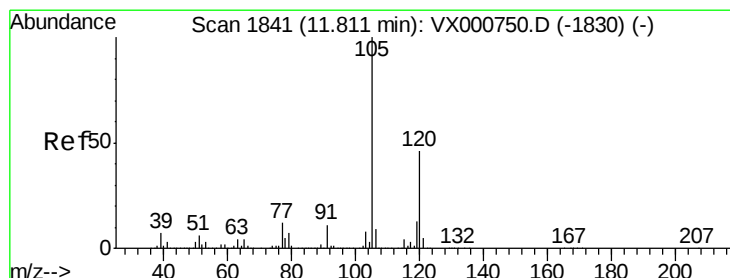
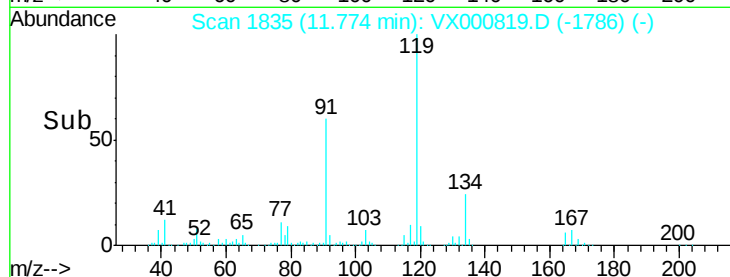
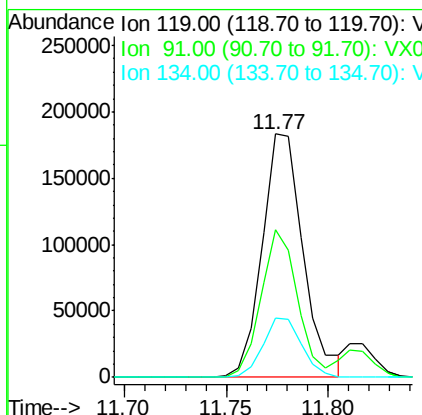
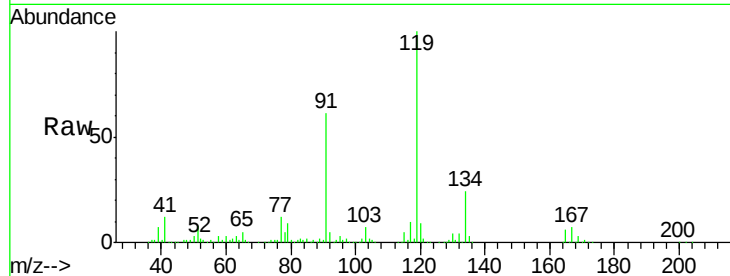




#83
 tert-Butylbenzene
 Concen: 20.89 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

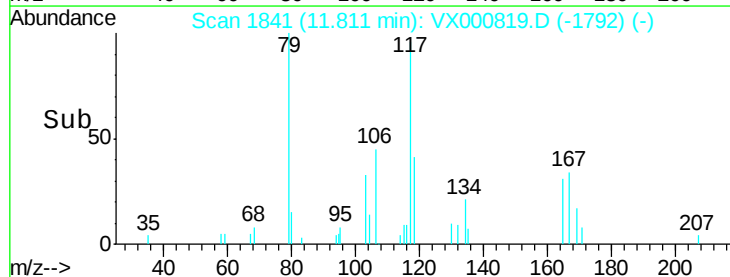
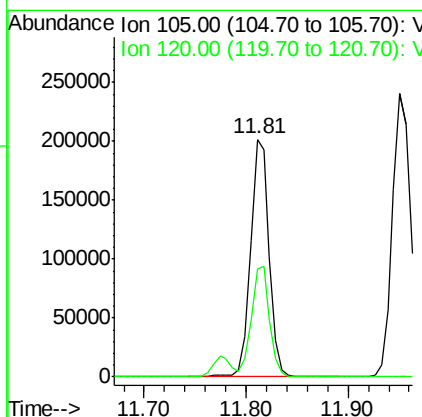
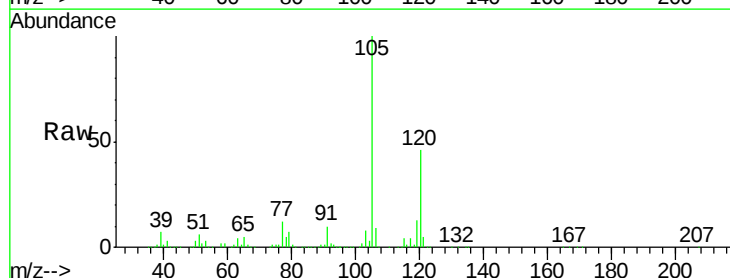
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

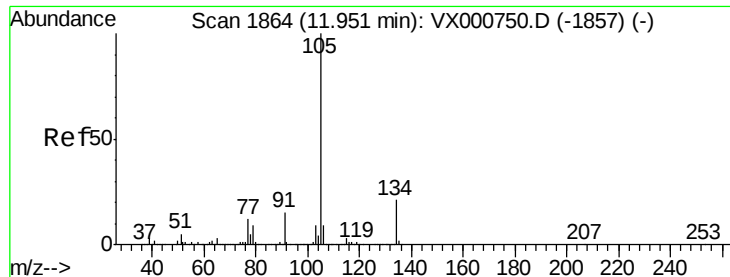
Tgt Ion:119 Resp: 256870
 Ion Ratio Lower Upper
 119 100
 91 54.1 26.8 80.3
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion:105 Resp: 255504
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3

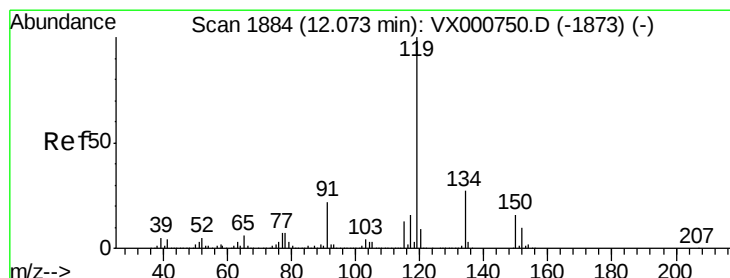
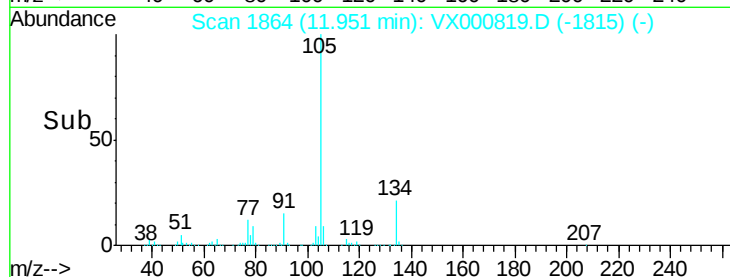
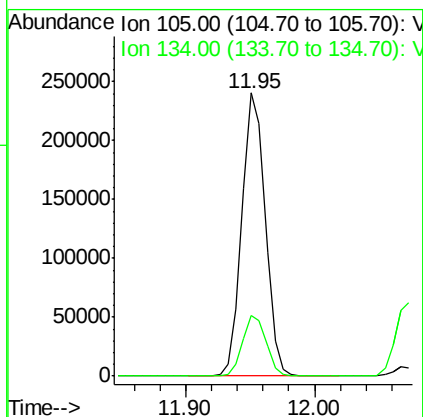
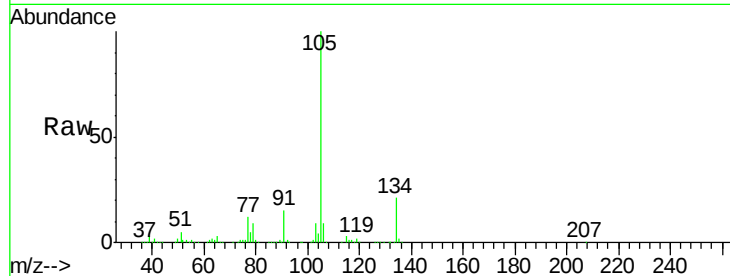




#85
 sec-Butylbenzene
 Concen: 20.87 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

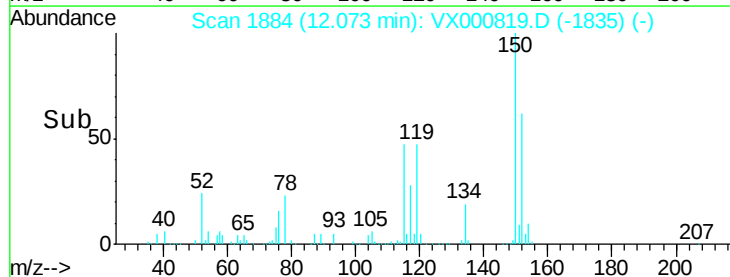
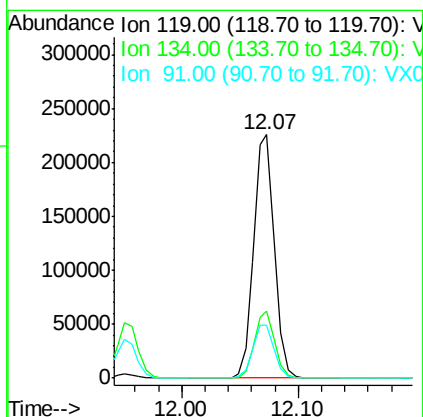
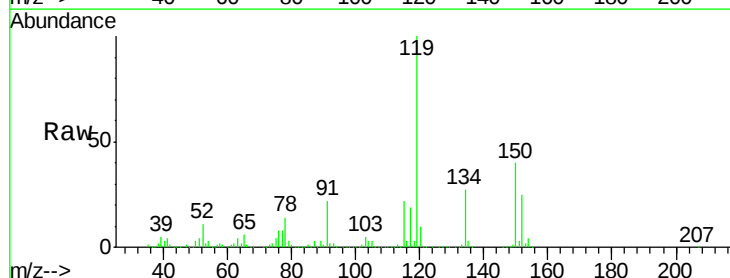
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

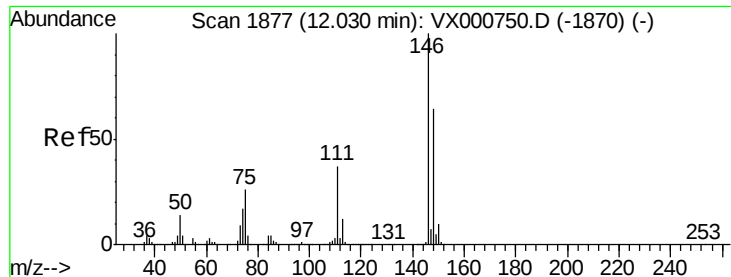
Tgt Ion:105 Resp: 302741
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 20.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion:119 Resp: 278790
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.49 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

Instrument :

MSVOA_X

ClientSampled :

VX0412WBSD02

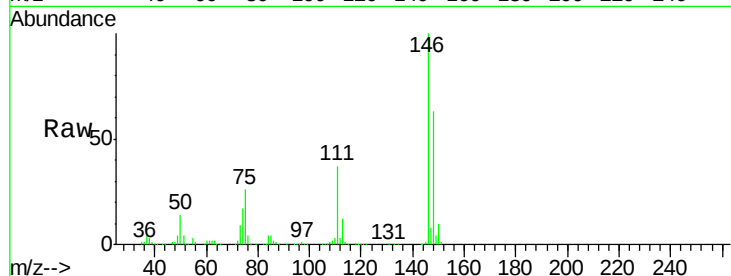
Tgt Ion:146 Resp: 155275

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

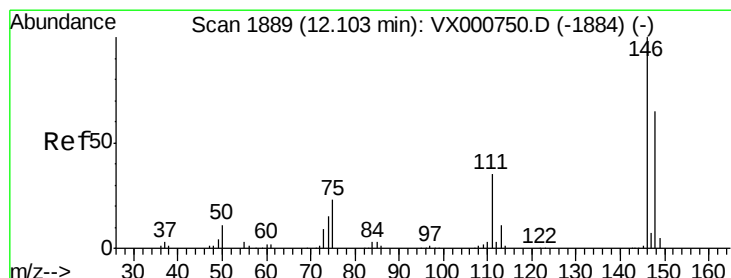
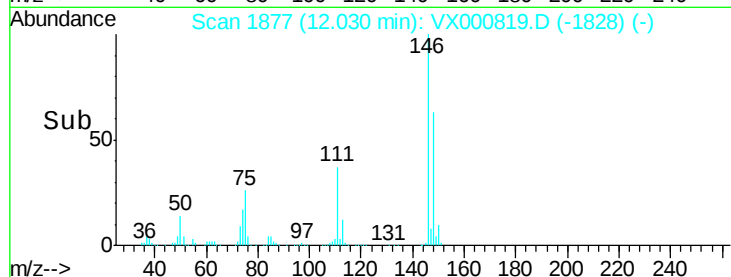
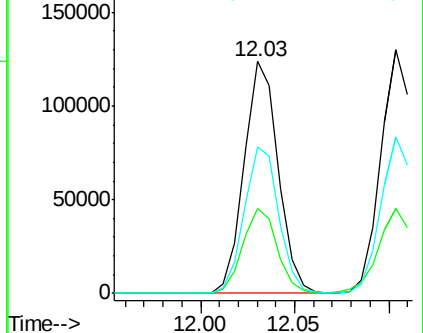
148 64.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 20.60 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000819.D

Acq: 12 Apr 2018 23:21

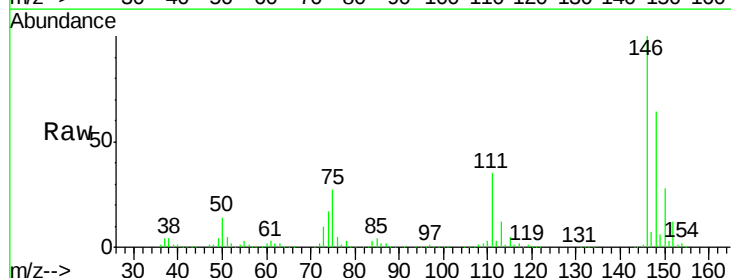
Tgt Ion:146 Resp: 160042

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

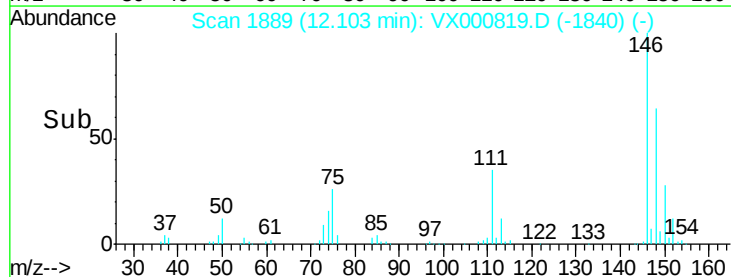
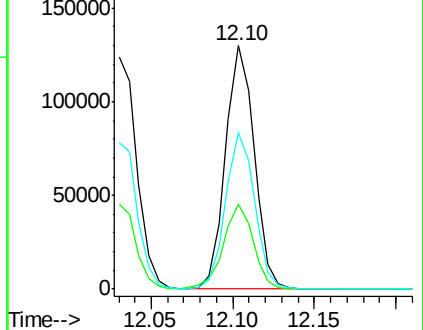
148 64.7 32.6 97.7



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

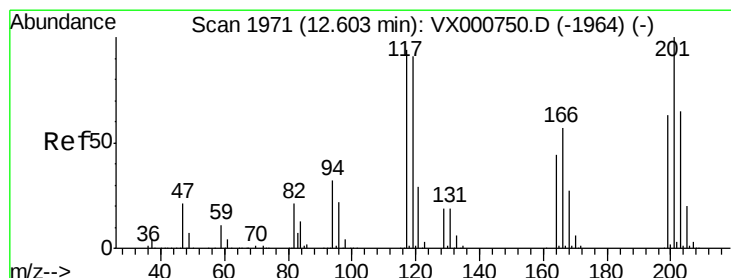
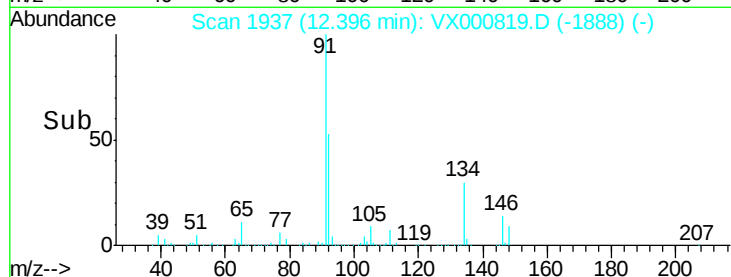
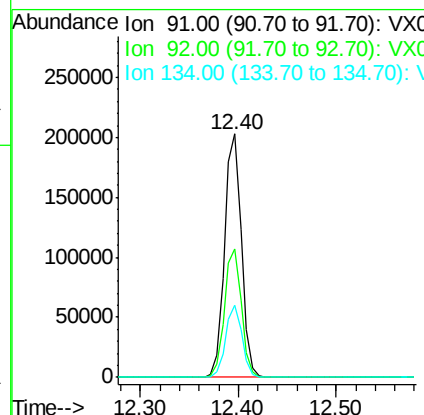
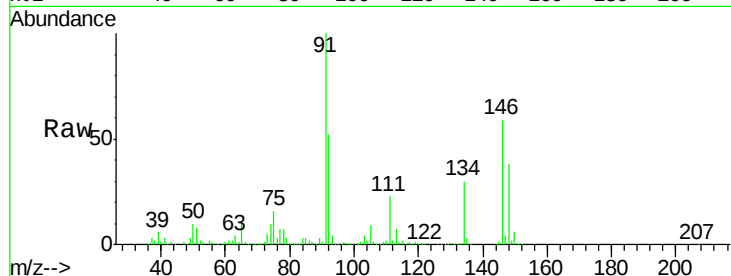




#89
n-Butylbenzene
Concen: 20.24 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

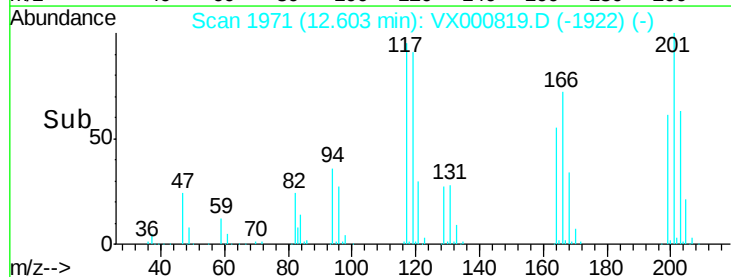
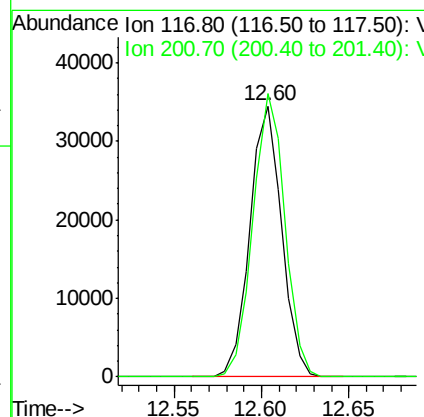
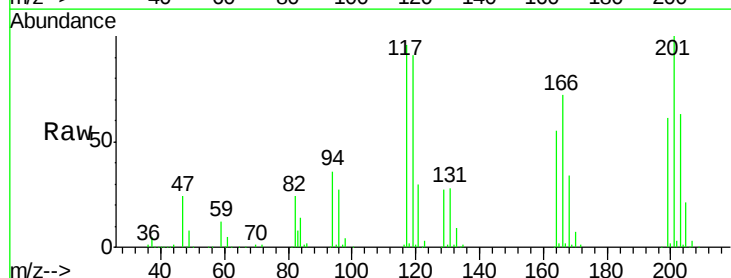
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

Tgt Ion: 91 Resp: 241566
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 28.9 14.5 43.5



#90
Hexachloroethane
Concen: 18.98 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion: 117 Resp: 43444
Ion Ratio Lower Upper
117 100
201 105.3 52.9 158.7

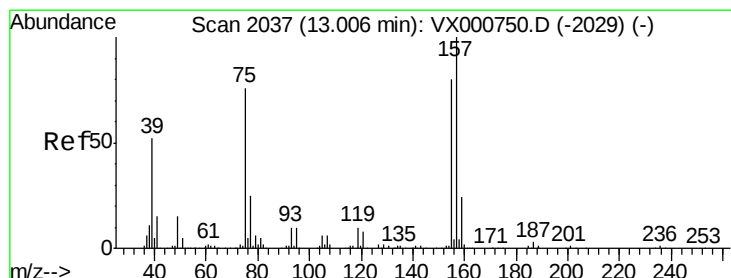
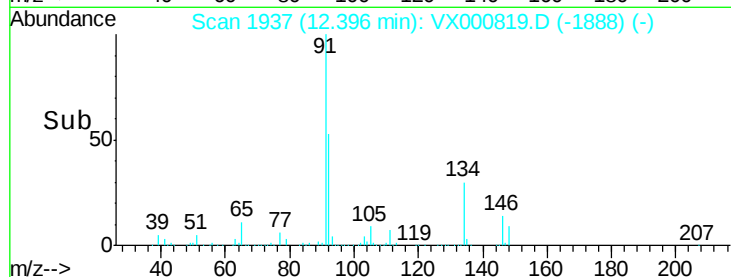
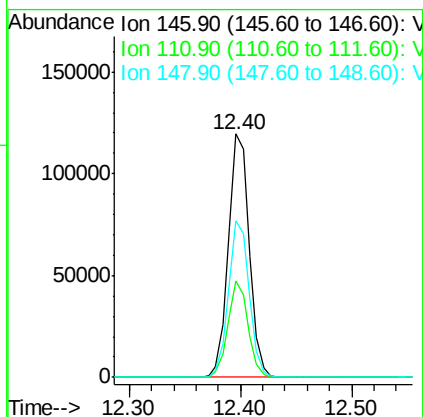
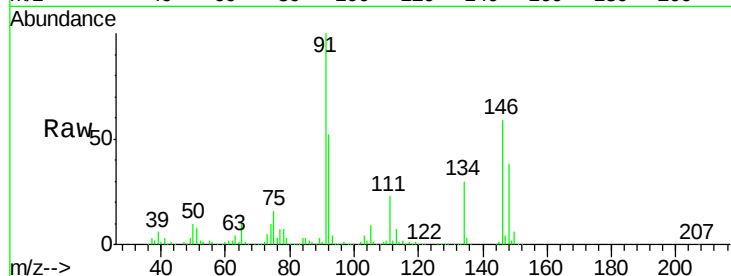




#91
 1,2-Dichlorobenzene
 Concen: 21.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

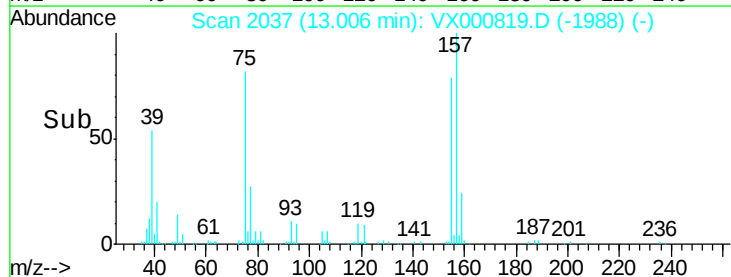
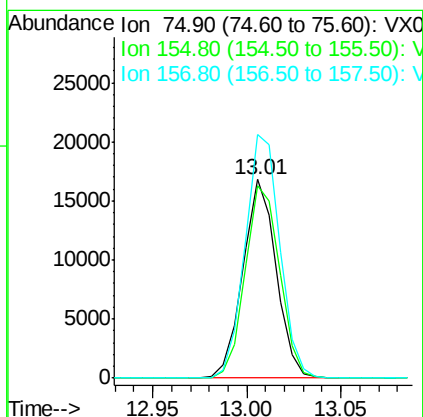
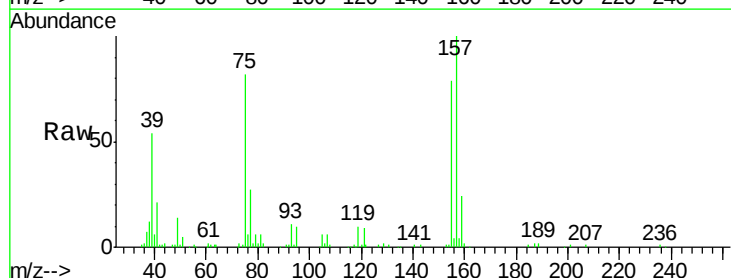
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

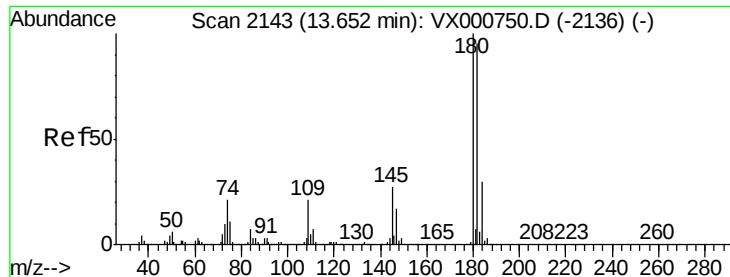
Tgt Ion:146 Resp: 154503
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.30 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion: 75 Resp: 20624
 Ion Ratio Lower Upper
 75 100
 155 100.1 51.9 155.8
 157 127.8 66.6 199.8

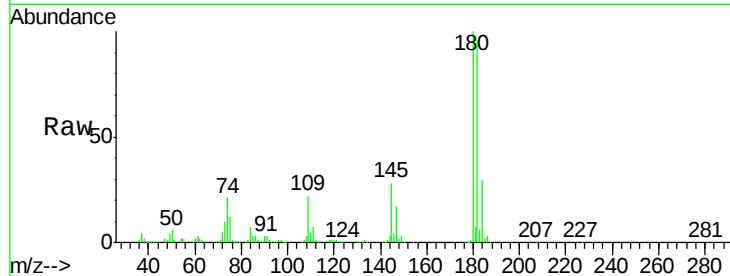




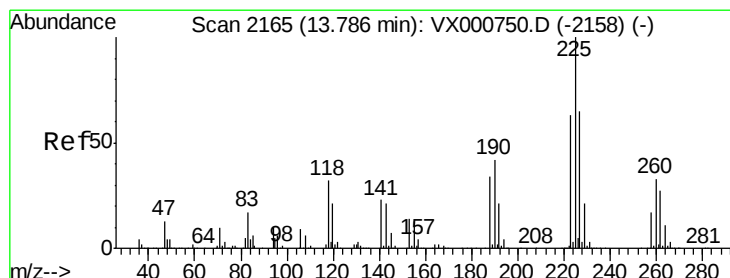
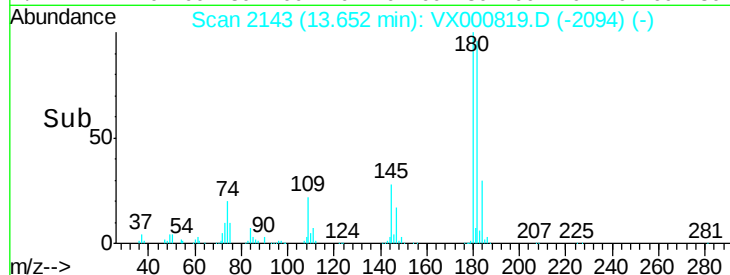
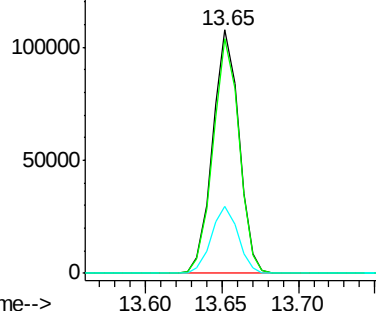
#93
 1,2,4-Trichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Tgt Ion:180 Resp: 128202
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 27.9 13.8 41.4

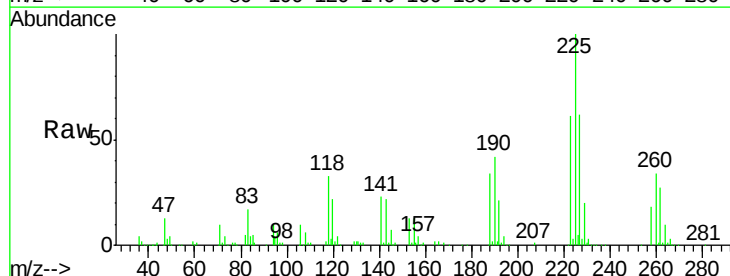


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

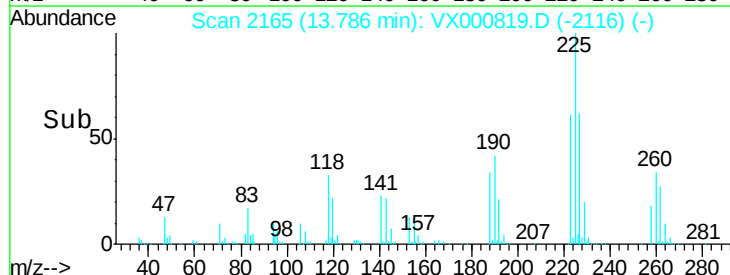
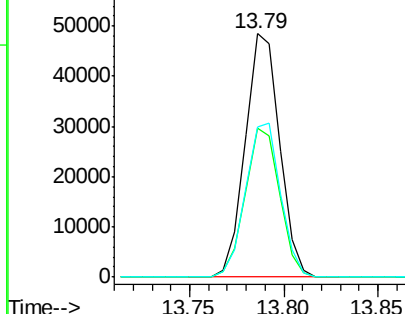


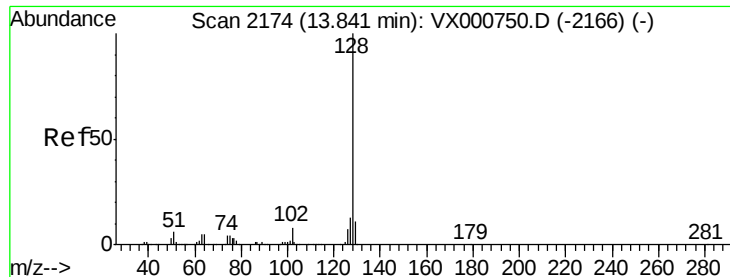
#94
 Hexachlorobutadiene
 Concen: 20.05 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000819.D
 Acq: 12 Apr 2018 23:21

Tgt Ion:225 Resp: 61559
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.2 93.6
 227 64.1 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

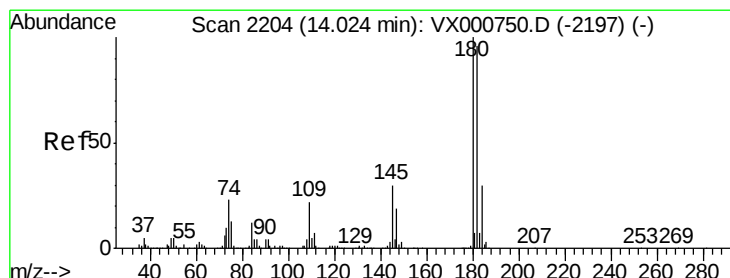
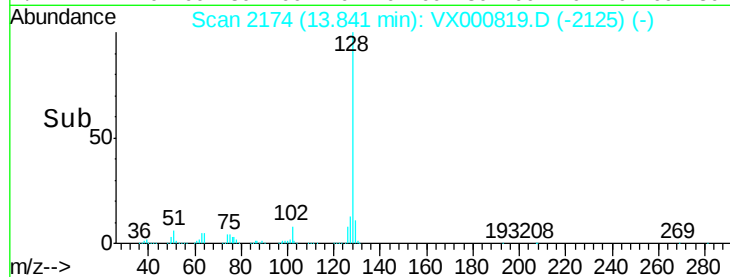
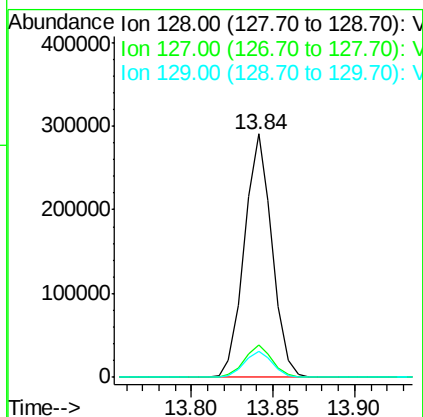
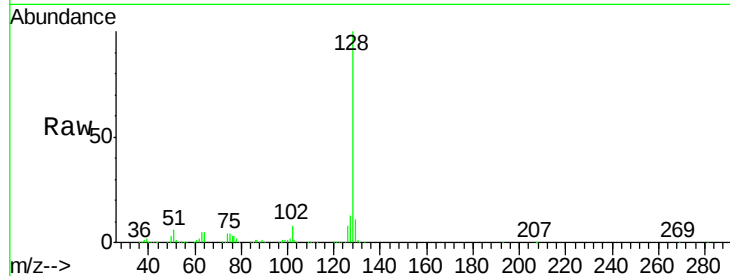




#95
Naphthalene
Concen: 21.42 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBSD02

Tgt Ion:128 Resp: 343342
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.65 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000819.D
Acq: 12 Apr 2018 23:21

Tgt Ion:180 Resp: 125245
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.2
145 29.2 14.6 43.8

