

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001802.D
 Acq On : 17 May 2018 20:27
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Quant Time: May 18 04:01:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	179710	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	157305	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	8.72	98	584342	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	183955	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54982	20.19	ug/l	99
3) Chloromethane	1.32	50	62770	21.33	ug/l	100
4) Vinyl Chloride	1.40	62	66485	20.90	ug/l	99
5) Bromomethane	1.64	94	33715	23.50	ug/l	97
6) Chloroethane	1.72	64	43939	21.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	96666	20.91	ug/l	99
8) Diethyl Ether	2.19	74	41341	21.73	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59149	21.26	ug/l	98
10) Methyl Iodide	2.51	142	63272	24.71	ug/l	100
11) Tert butyl alcohol	3.08	59	81929	126.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55729	20.77	ug/l	100
13) Acrolein	2.30	56	42983	93.83	ug/l	99
14) Allyl chloride	2.73	41	106694	21.52	ug/l	97
15) Acrylonitrile	3.15	53	193136	119.06	ug/l	100
16) Acetone	2.45	43	169726	118.78	ug/l	97
17) Carbon Disulfide	2.57	76	125655	17.96	ug/l	96
18) Methyl Acetate	2.78	43	106155	25.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	196477	21.73	ug/l	99
20) Methylene Chloride	2.86	84	65601	21.45	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60222	20.38	ug/l	96
22) Diisopropyl ether	3.88	45	205636	21.62	ug/l	98
23) Vinyl Acetate	3.83	43	689764	100.64	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113901	21.83	ug/l	100
25) 2-Butanone	4.72	43	269174	123.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75974	18.09	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	70995	21.11	ug/l	100
28) Bromochloromethane	5.03	49	54792	23.64	ug/l	99
29) Tetrahydrofuran	5.18	42	172288	120.82	ug/l	99
30) Chloroform	5.22	83	121535	22.18	ug/l	99
31) Cyclohexane	5.58	56	96067	21.01	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103059	21.76	ug/l	99
36) 1,1-Dichloropropene	5.81	75	82655	20.32	ug/l	99
37) Ethyl Acetate	4.87	43	99968	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	91145	21.39	ug/l	99

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Instrument :
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 ClientSampleId :
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Quant Time: May 18 04:01:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	97606	20.53	ug/l	99
40) Benzene	6.15	78	263342	21.97	ug/l	98
41) Methacrylonitrile	5.07	41	56052	22.86	ug/l	98
42) 1,2-Dichloroethane	6.21	62	93550	21.58	ug/l	100
43) Isopropyl Acetate	6.48	43	145027	21.86	ug/l	99
44) Trichloroethene	7.22	130	80791	21.72	ug/l	96
45) 1,2-Dichloropropane	7.52	63	67266	22.87	ug/l	98
46) Dibromomethane	7.67	93	45383	21.97	ug/l	99
47) Bromodichloromethane	7.90	83	85197	22.23	ug/l	96
48) Methyl methacrylate	7.79	41	77482	22.18	ug/l	99
49) 1,4-Dioxane	7.77	88	36460	542.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	514277	122.30	ug/l	100
52) Toluene	8.79	92	169797	22.05	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	95280	21.13	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74047	18.63	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	64154	21.79	ug/l	98
56) Ethyl methacrylate	9.19	69	85402	20.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	103221	20.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	248453	115.69	ug/l	100
59) 2-Hexanone	9.51	43	352103	116.97	ug/l	99
60) Dibromochloromethane	9.59	129	63610	21.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66631	21.62	ug/l	97
64) Tetrachloroethene	9.34	164	86982	22.77	ug/l	97
65) Chlorobenzene	10.15	112	172154	21.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64892	22.76	ug/l	98
67) Ethyl Benzene	10.26	91	277129	21.49	ug/l	98
68) m/p-Xylenes	10.37	106	221589	43.54	ug/l	98
69) o-Xylene	10.71	106	108025	22.16	ug/l	99
70) Styrene	10.72	104	177051	22.03	ug/l	100
71) Bromoform	10.87	173	50929	21.00	ug/l #	99
73) Isopropylbenzene	11.02	105	291550	23.59	ug/l	99
74) N-amyl acetate	6.48	43	145027	24.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88201	23.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102685	28.78	ug/l	89
77) Bromobenzene	11.26	156	83220	22.92	ug/l	100
78) n-propylbenzene	11.37	91	313990	22.55	ug/l	100
79) 2-Chlorotoluene	11.43	91	190478	22.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239704	23.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20870	19.58	ug/l	89
82) 4-Chlorotoluene	11.52	91	216513	22.07	ug/l	99
83) tert-Butylbenzene	11.77	119	233790	23.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	248559	23.67	ug/l	100
85) sec-Butylbenzene	11.95	105	285226	22.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	259356	22.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146168	21.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146939	21.16	ug/l	100
89) n-Butylbenzene	12.39	91	195106	19.57	ug/l	100
90) Hexachloroethane	12.60	117	40842	22.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	151449	22.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19373	24.48	ug/l	99

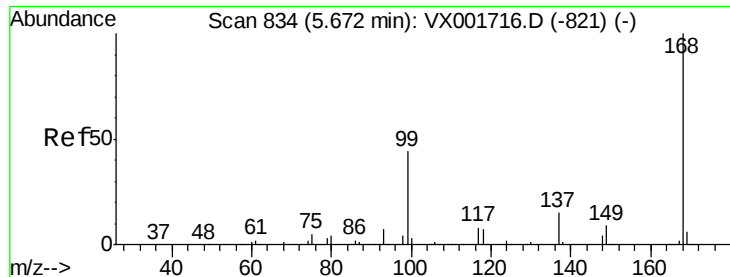
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
Data File : VX001802.D
Acq On : 17 May 2018 20:27
Operator : JC/MD
Sample : VX0517WBSD01
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ClientSampleId :
VX0517WBSD01

Quant Time: May 18 04:01:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104864	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	58790	20.53	ug/l	99
95) Naphthalene	13.84	128	310843	22.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112433	20.93	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: VX001802.D

Acq: 17 May 2018 20:27

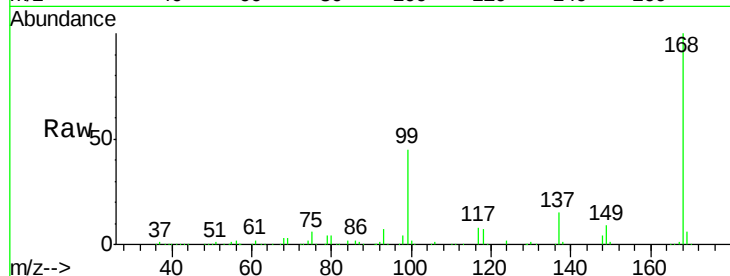
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tgt Ion:168 Resp: 271411

Ion Ratio Lower Upper

168 100

99 45.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

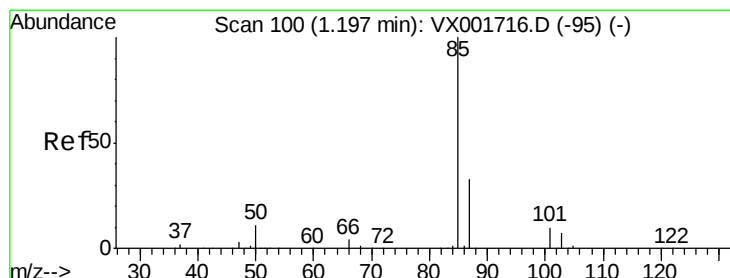
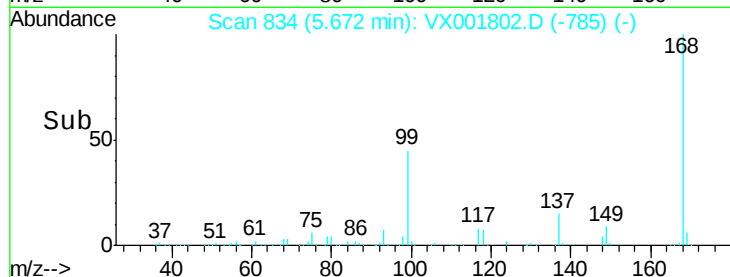
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001802.D

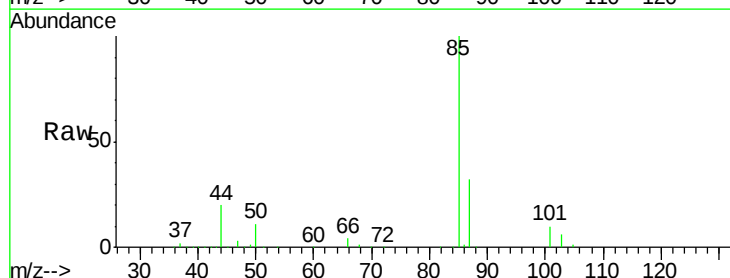
Acq: 17 May 2018 20:27

Tgt Ion: 85 Resp: 54982

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

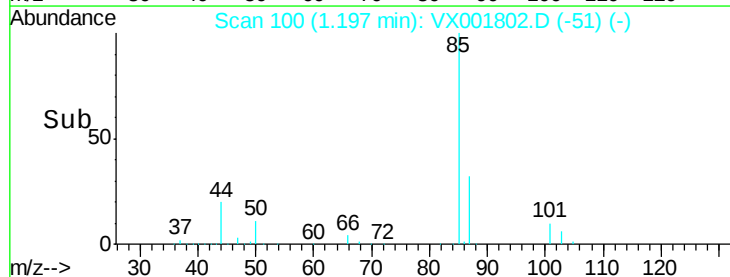
30000

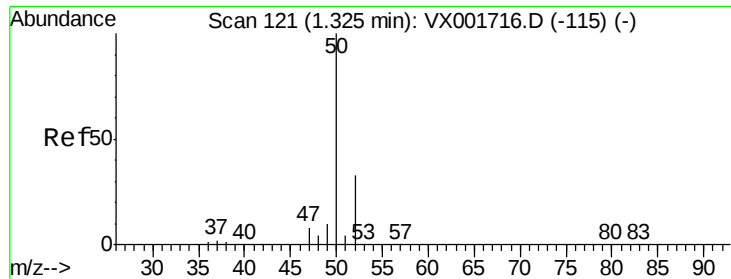
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

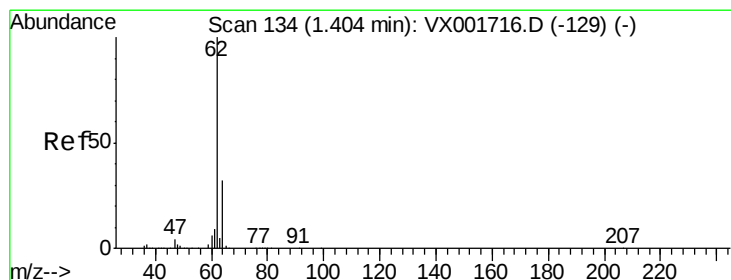
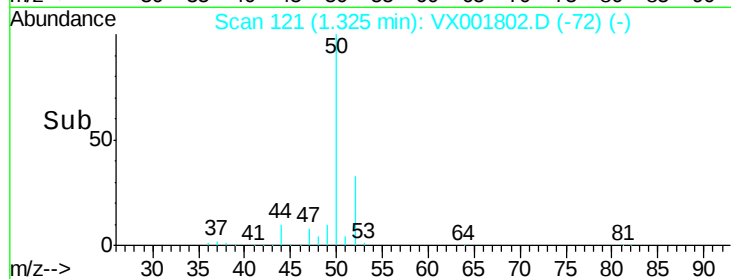
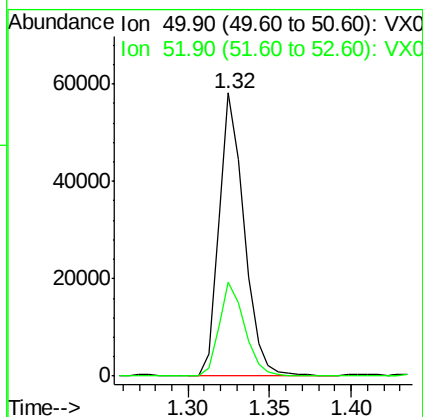
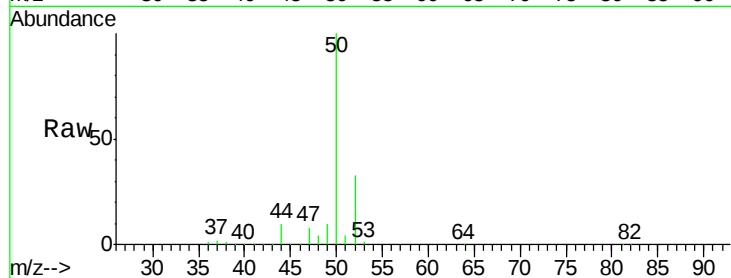




#3
Chloromethane
Concen: 21.33 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

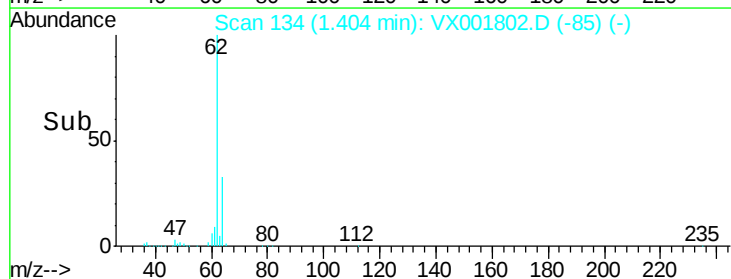
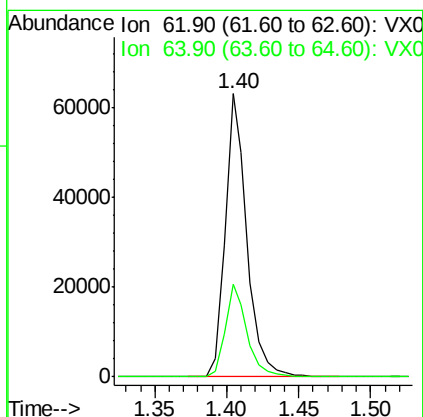
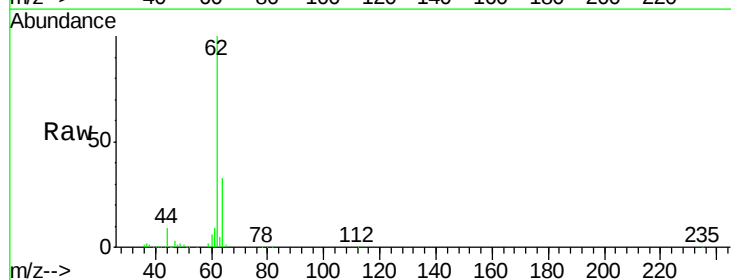
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

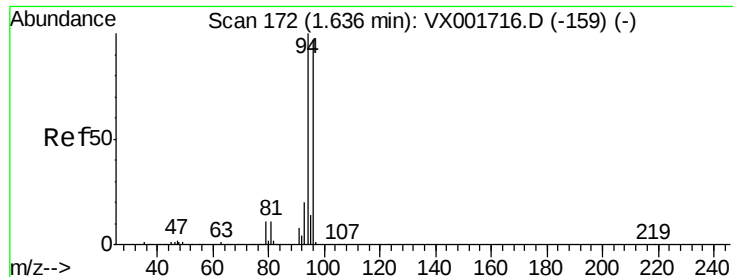
Tgt Ion: 50 Resp: 62770
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 20.90 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 62 Resp: 66485
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4





#5

Bromomethane

Concen: 23.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

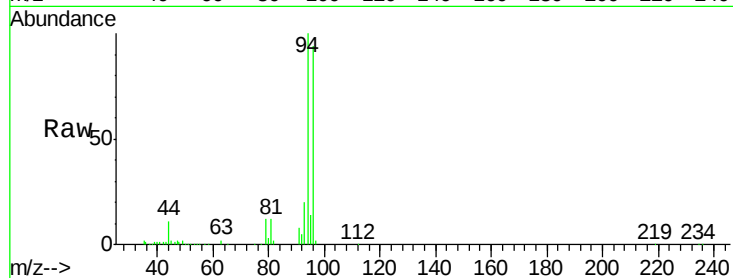
VX0517WBSD01

Tgt Ion: 94 Resp: 33715

Ion Ratio Lower Upper

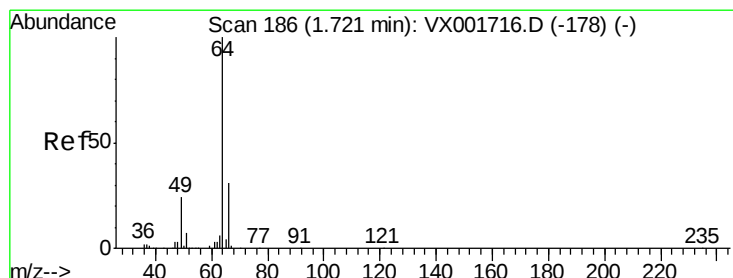
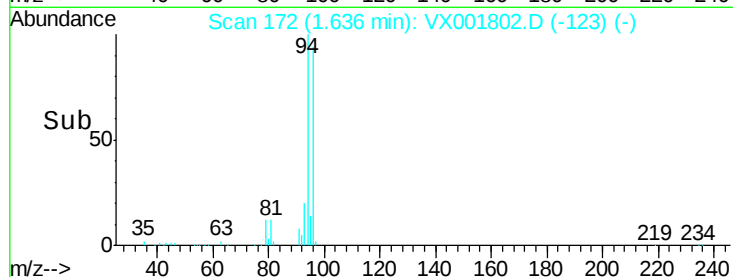
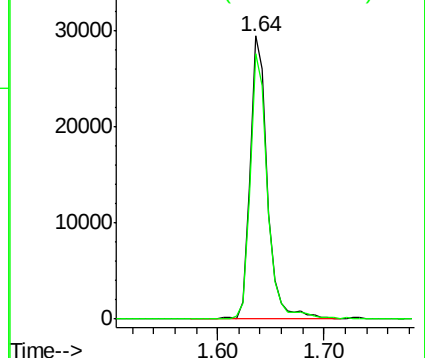
94 100

96 93.6 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.93 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001802.D

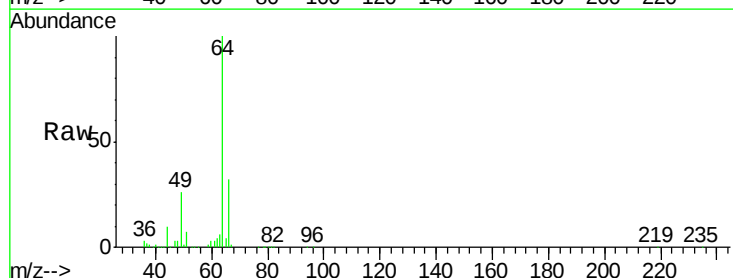
Acq: 17 May 2018 20:27

Tgt Ion: 64 Resp: 43939

Ion Ratio Lower Upper

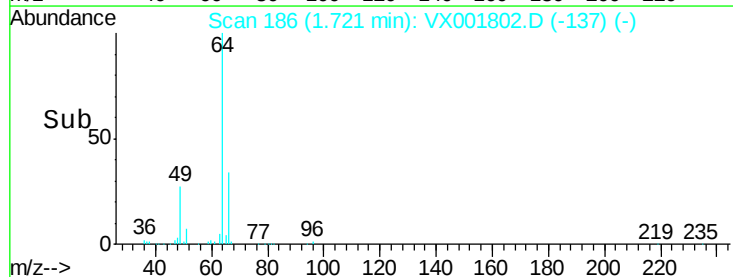
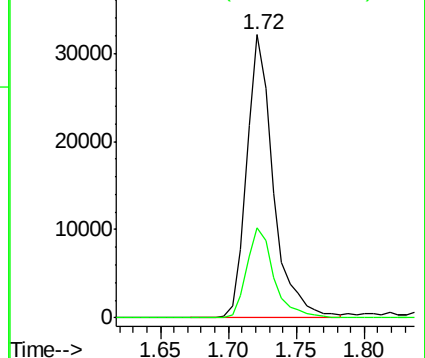
64 100

66 31.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



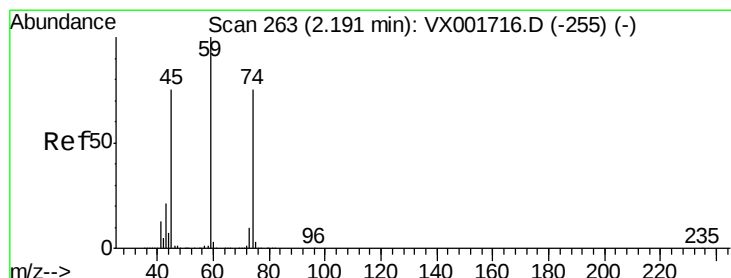
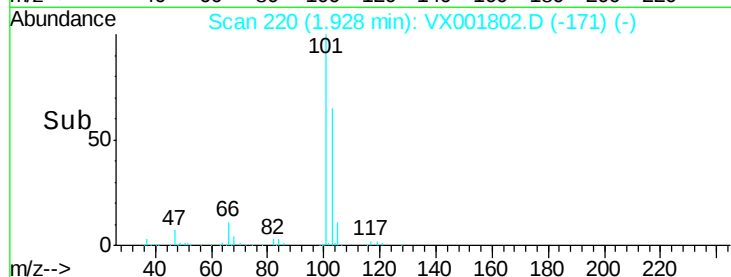
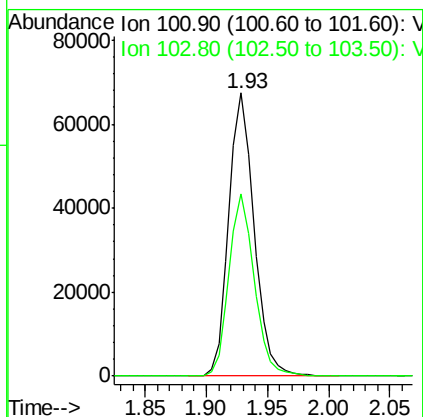
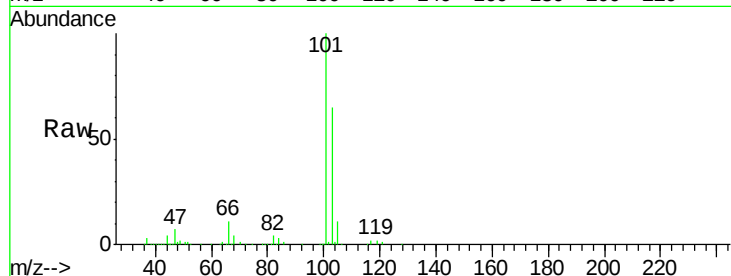


#7

Trichlorofluoromethane
 Concen: 20.91 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

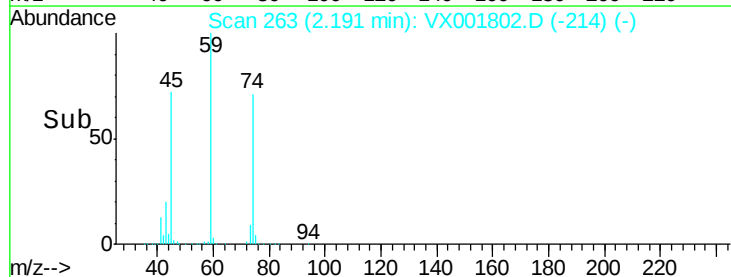
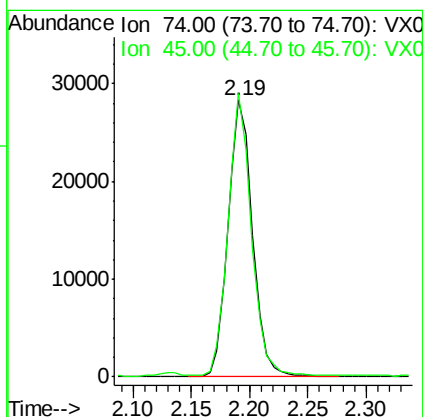
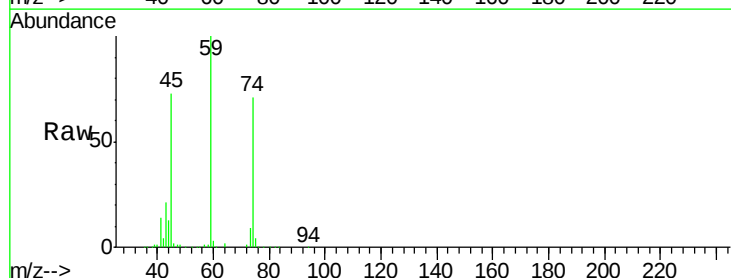
Tgt Ion:101 Resp: 96666
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

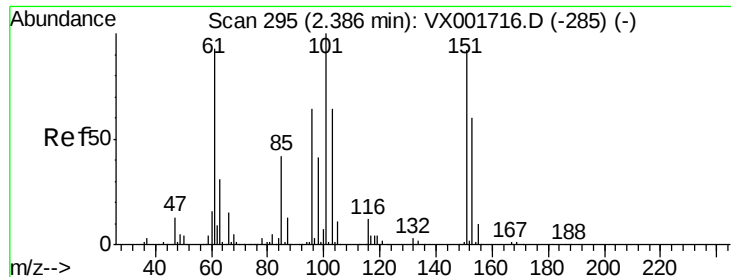


#8

Diethyl Ether
 Concen: 21.73 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 74 Resp: 41341
 Ion Ratio Lower Upper
 74 100
 45 97.0 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.26 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

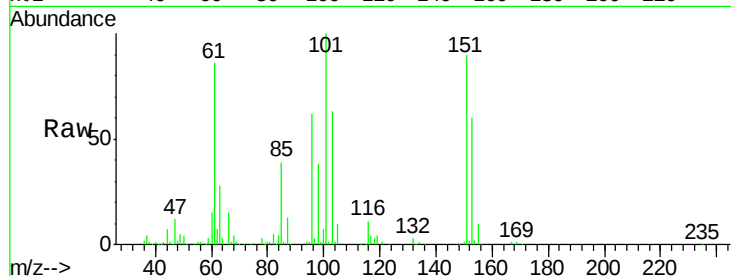
Tgt Ion:101 Resp: 59149

Ion Ratio Lower Upper

101 100

85 40.2 33.7 50.5

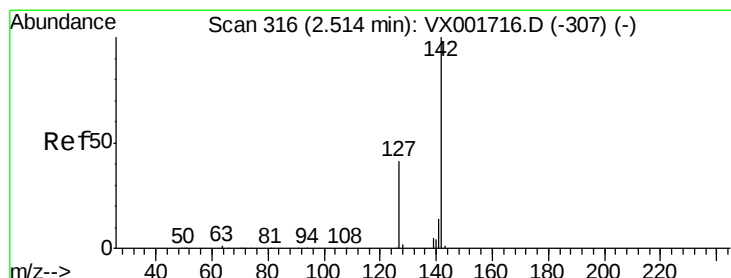
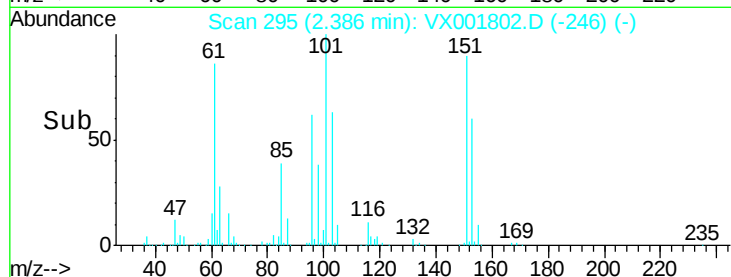
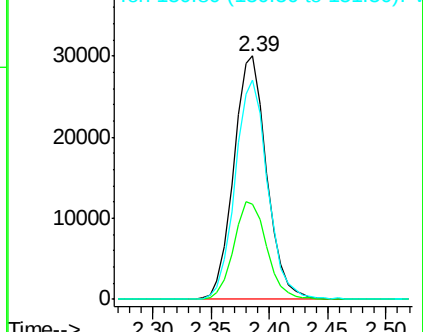
151 89.3 73.0 109.6



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: 24.71 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

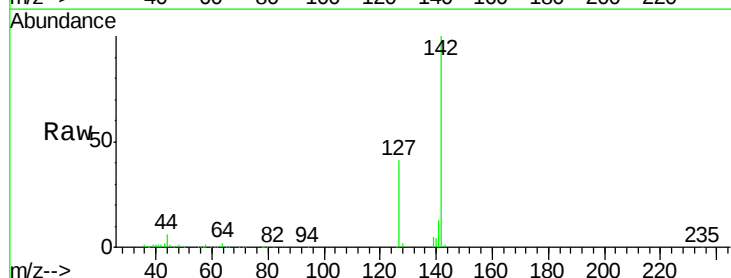
Tgt Ion:142 Resp: 63272

Ion Ratio Lower Upper

142 100

127 41.0 32.5 48.7

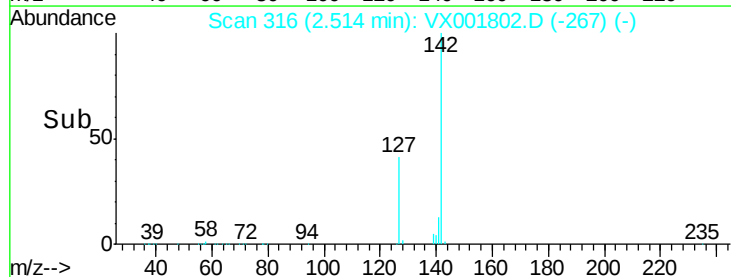
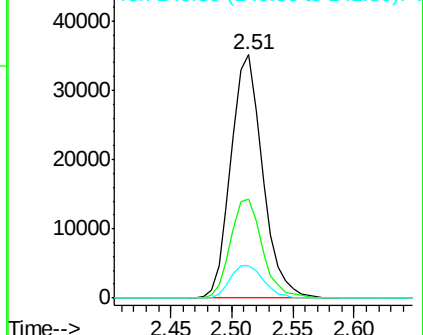
141 14.2 11.4 17.0

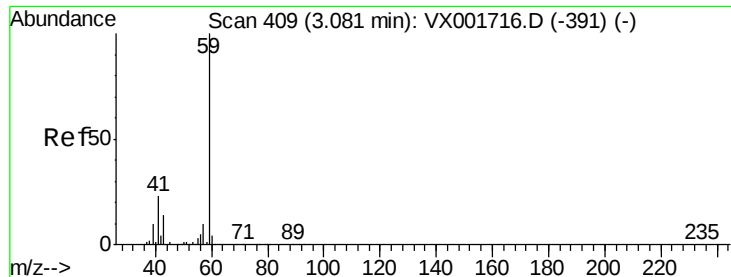


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

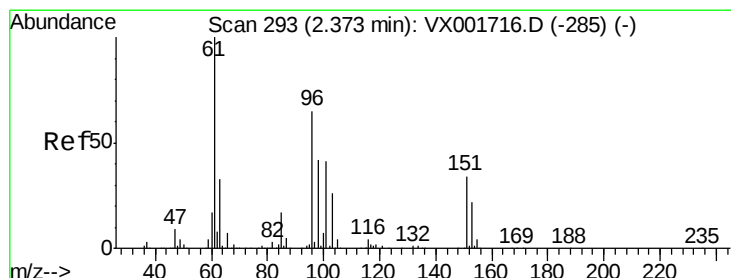
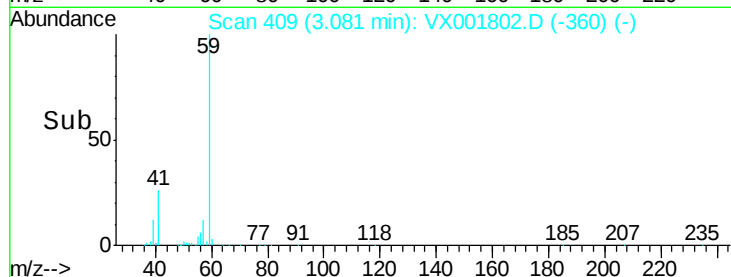
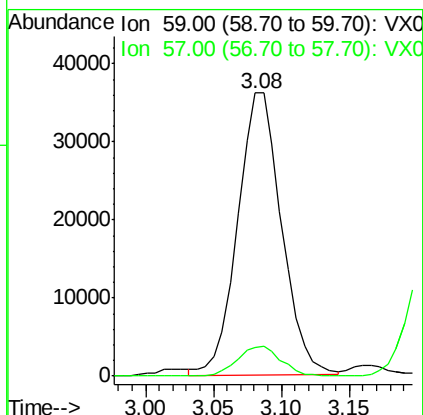
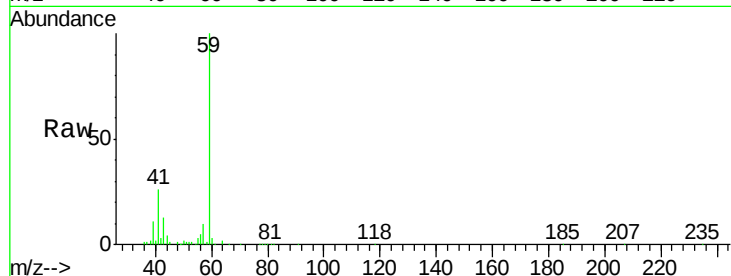




#11
Tert butyl alcohol
Concen: 126.85 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

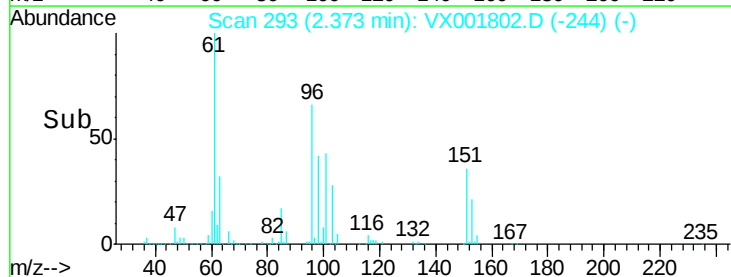
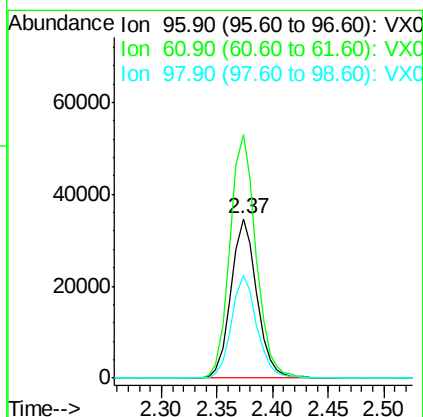
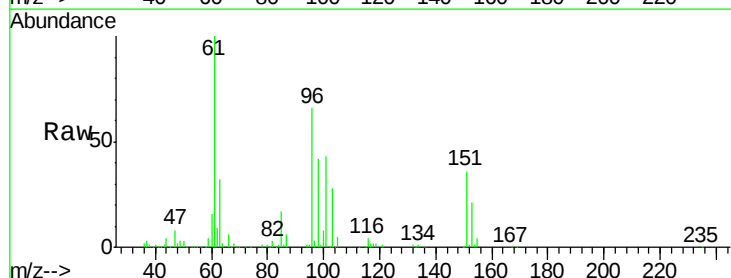
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

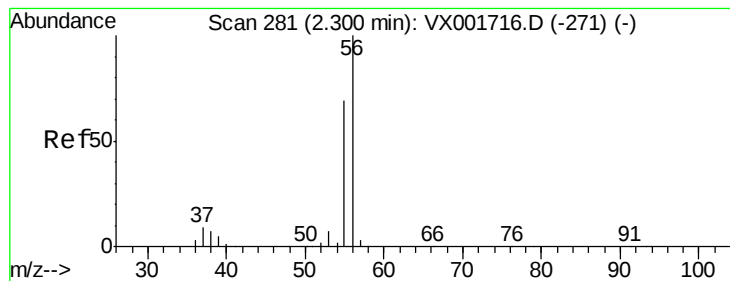
Tgt Ion: 59 Resp: 81929
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.77 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 96 Resp: 55729
Ion Ratio Lower Upper
96 100
61 152.6 122.2 183.2
98 64.1 51.4 77.0





#13

Acrolein

Concen: 93.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

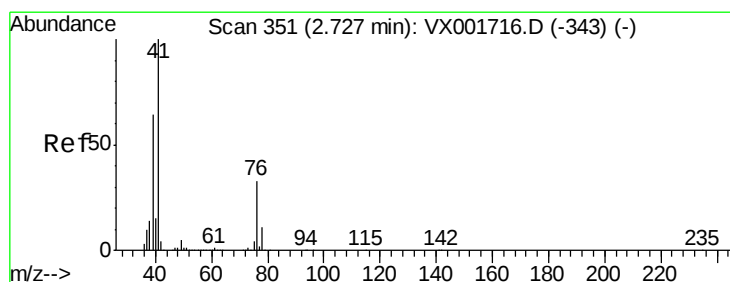
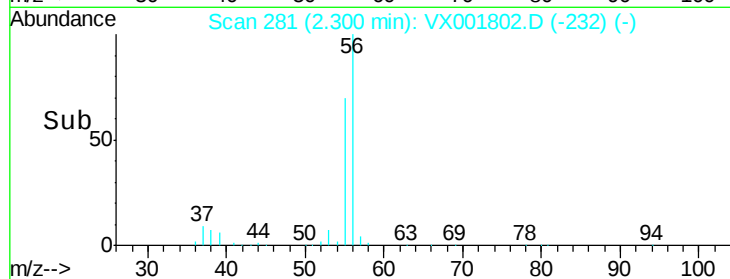
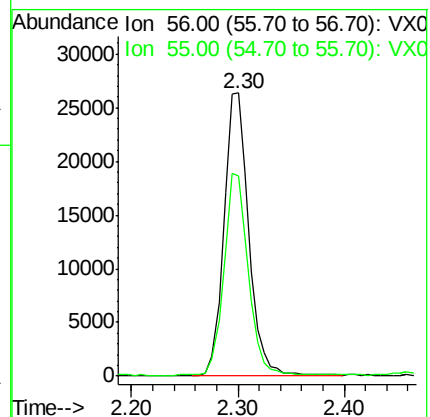
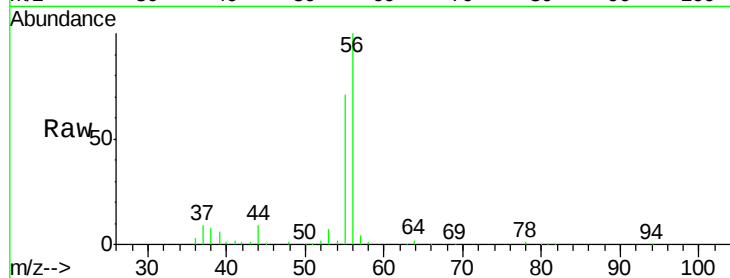
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tgt Ion: 56 Resp: 42983

Ion Ratio Lower Upper

56 100

55 70.7 56.2 84.2



#14

Allyl chloride

Concen: 21.52 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

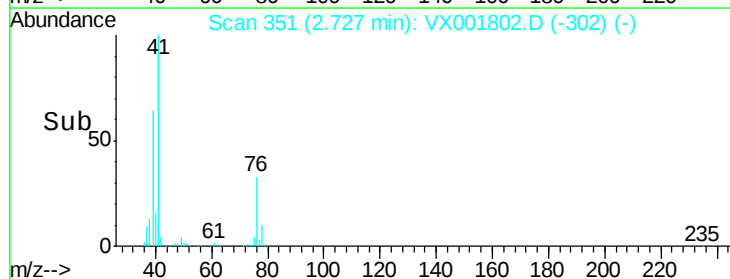
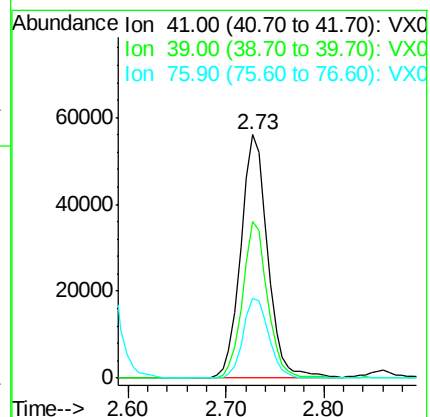
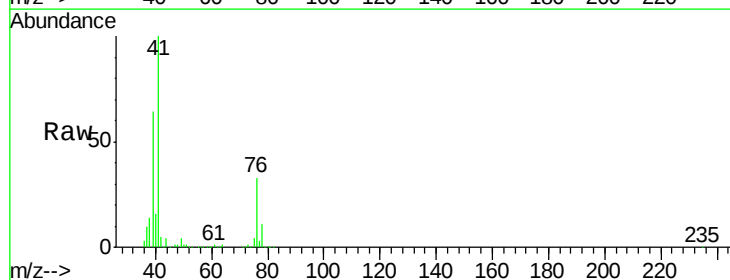
Tgt Ion: 41 Resp: 106694

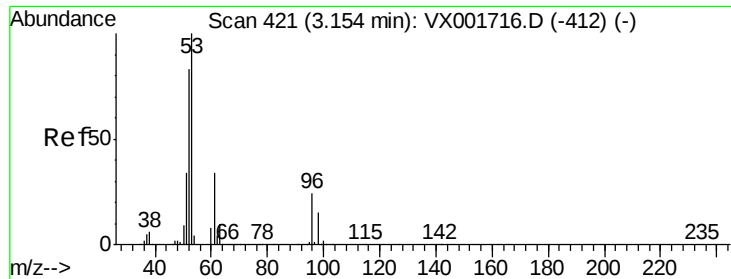
Ion Ratio Lower Upper

41 100

39 59.3 49.8 74.6

76 31.6 25.8 38.8





#15

Acrylonitrile

Concen: 119.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

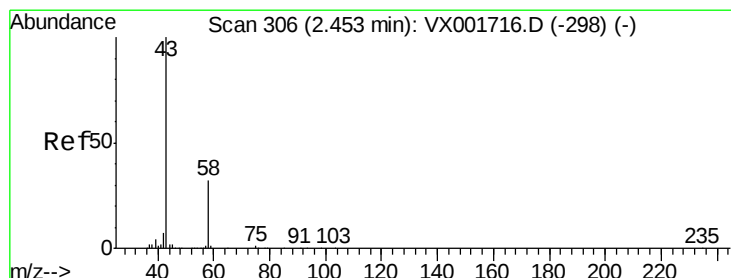
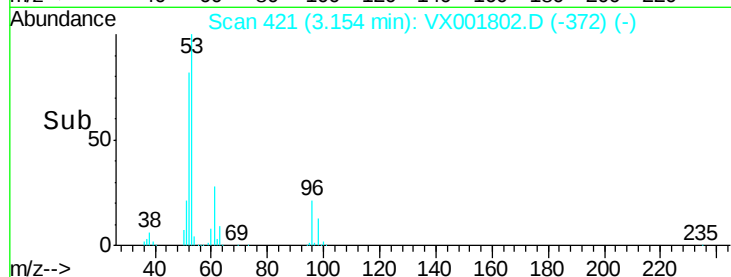
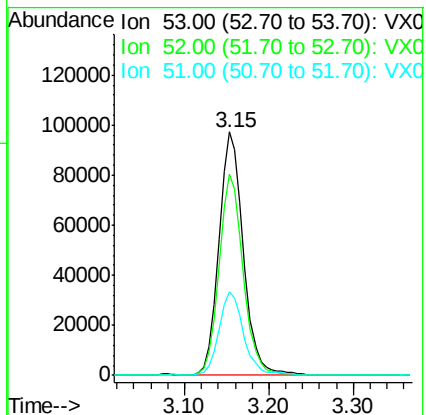
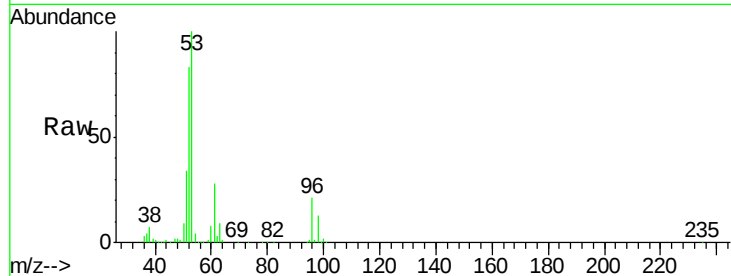
Tgt Ion: 53 Resp: 193136

Ion Ratio Lower Upper

53 100

52 81.5 65.6 98.4

51 35.1 28.1 42.1



#16

Acetone

Concen: 118.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001802.D

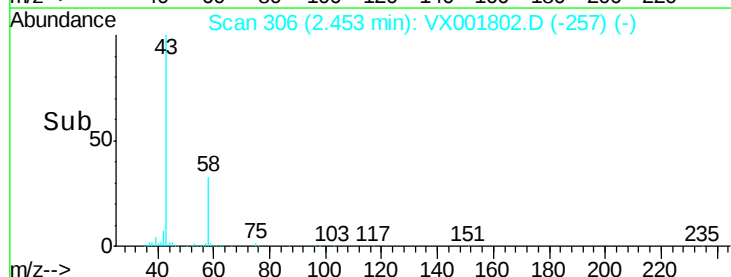
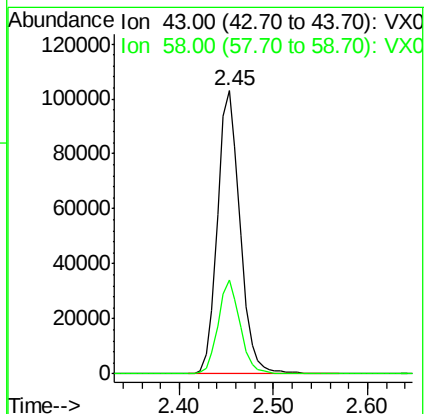
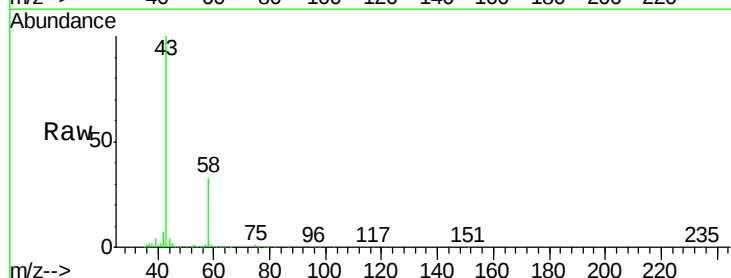
Acq: 17 May 2018 20:27

Tgt Ion: 43 Resp: 169726

Ion Ratio Lower Upper

43 100

58 33.2 25.3 37.9

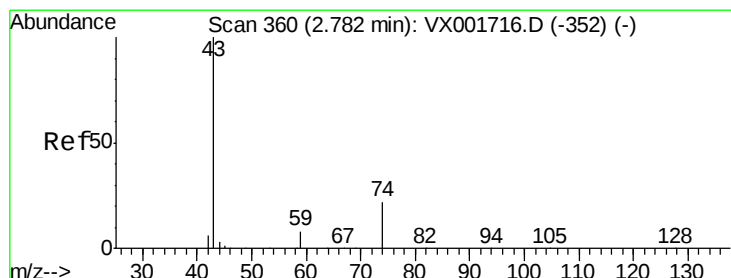
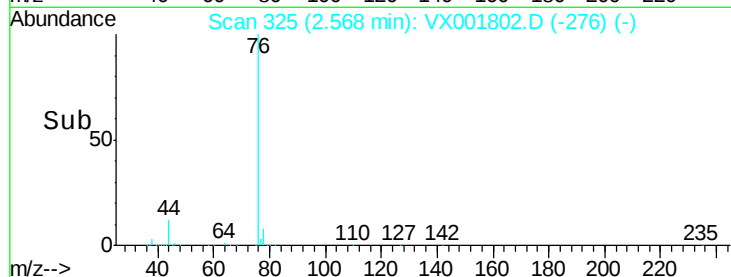
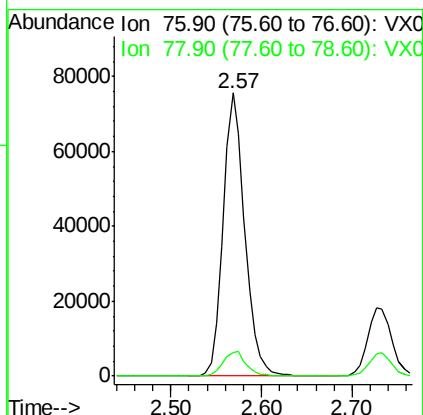
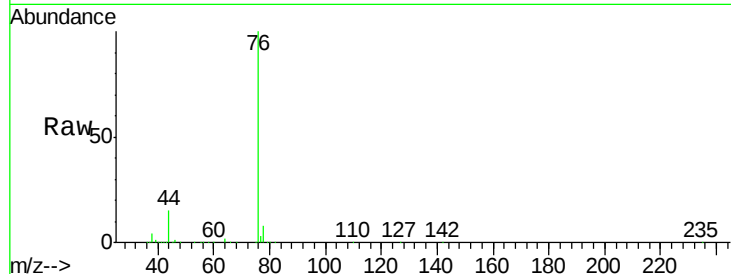




#17
Carbon Disulfide
Concen: 17.96 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

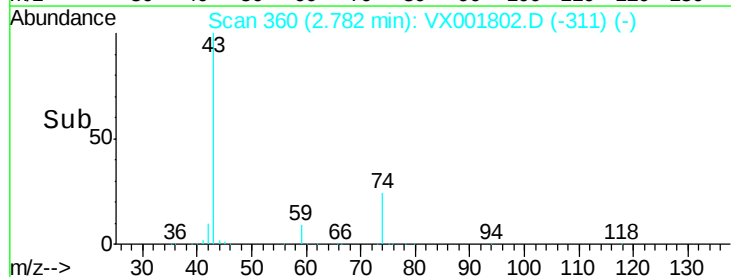
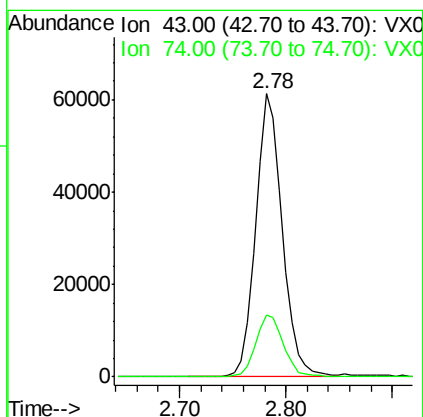
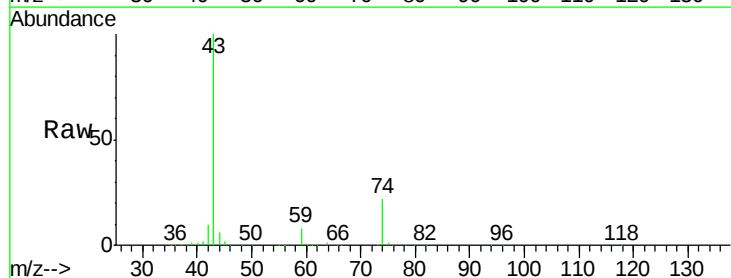
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

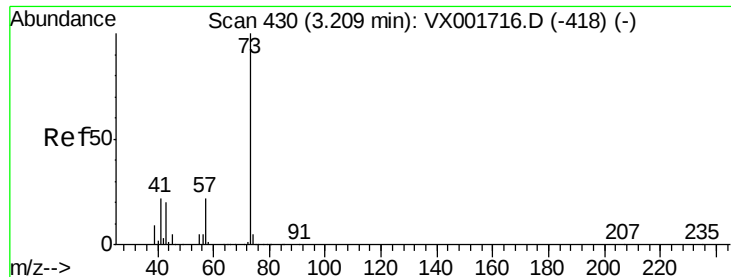
Tgt Ion: 76 Resp: 125655
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#18
Methyl Acetate
Concen: 25.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 43 Resp: 106155
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 21.73 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

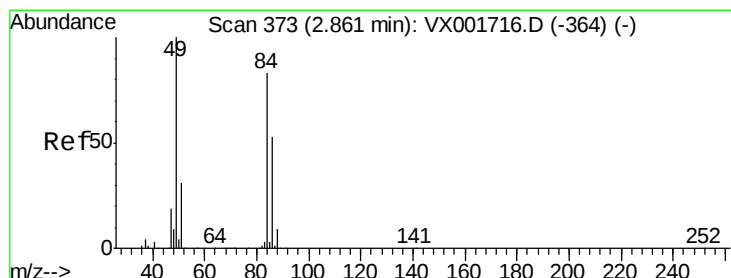
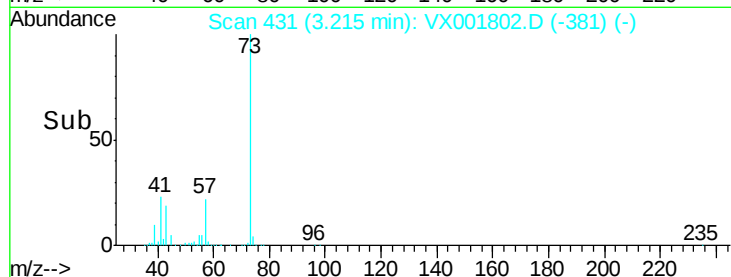
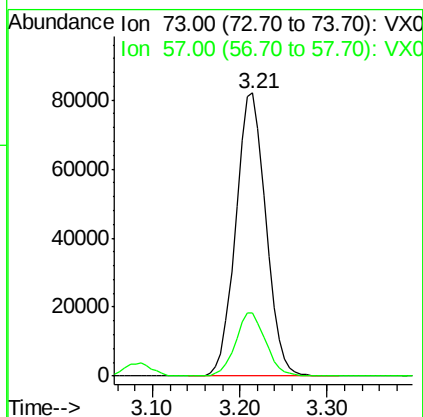
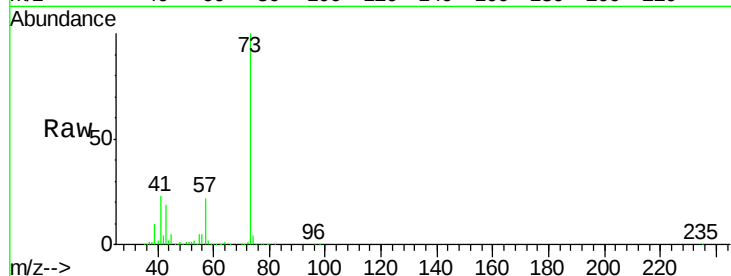
VX0517WBSD01

Tgt Ion: 73 Resp: 196477

Ion Ratio Lower Upper

73 100

57 22.2 17.5 26.3



#20

Methylene Chloride

Concen: 21.45 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion: 84 Resp: 65601

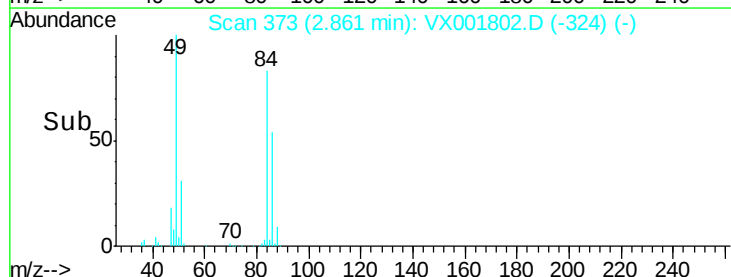
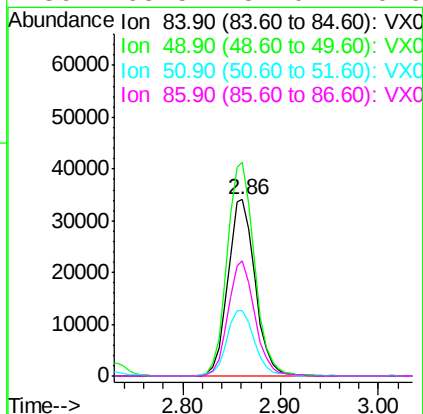
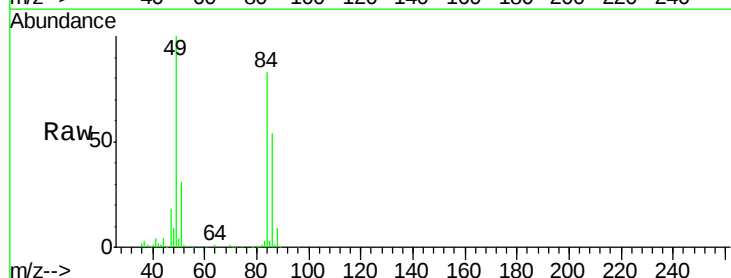
Ion Ratio Lower Upper

84 100

49 121.0 96.3 144.5

51 37.0 29.8 44.6

86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

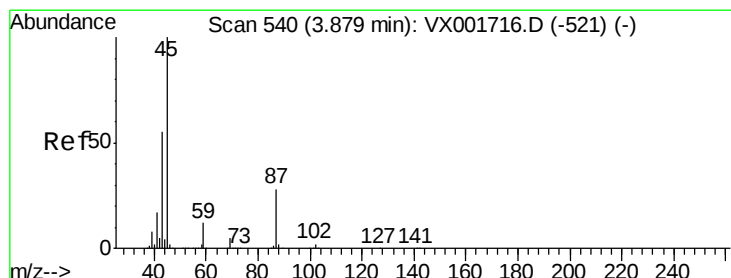
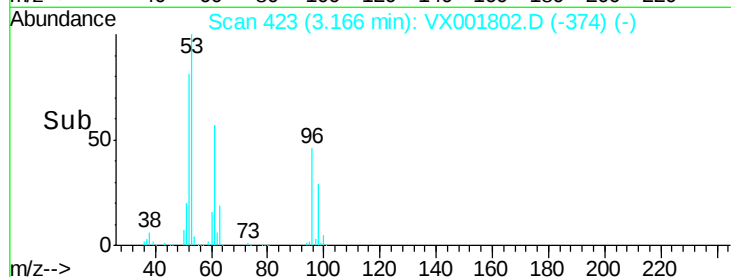
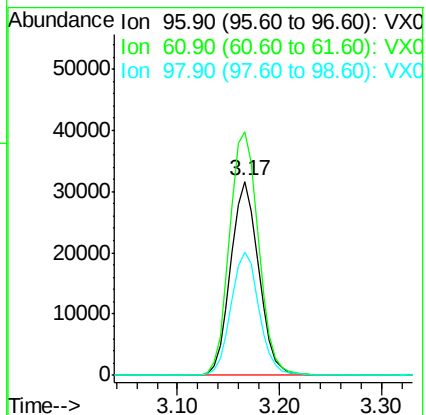
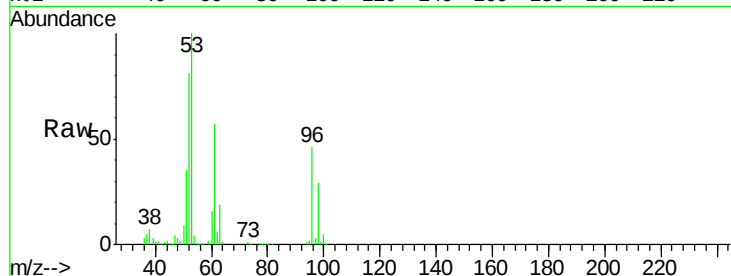
Tgt Ion: 96 Resp: 60222

Ion Ratio Lower Upper

96 100

61 125.3 105.8 158.8

98 63.5 50.2 75.4



#22

Diisopropyl ether

Concen: 21.62 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion: 45 Resp: 205636

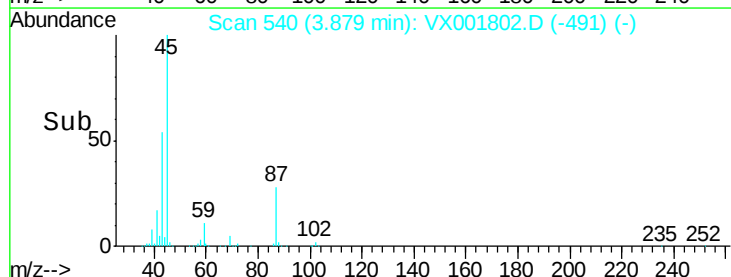
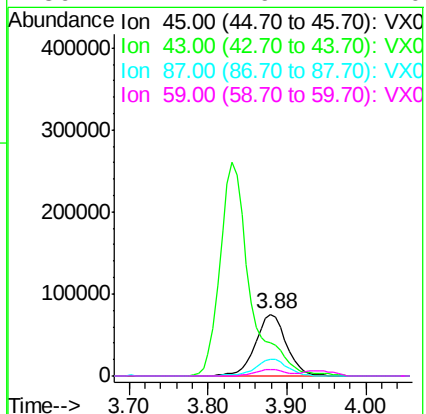
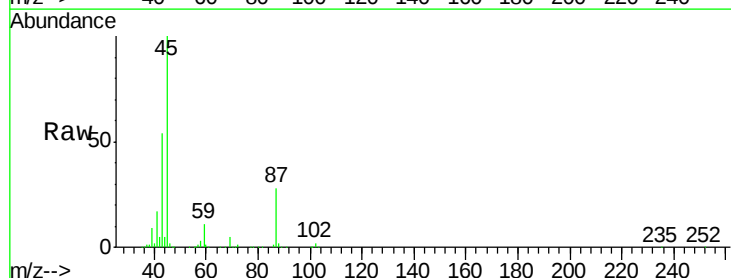
Ion Ratio Lower Upper

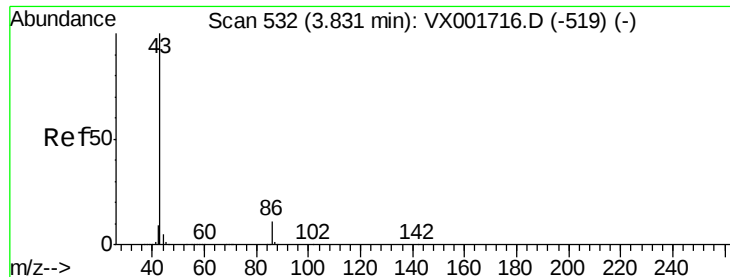
45 100

43 54.0 44.3 66.5

87 27.7 22.6 33.8

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 100.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

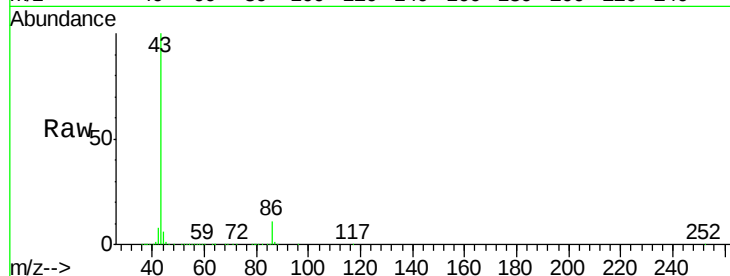
VX0517WBSD01

Tgt Ion: 43 Resp: 689764

Ion Ratio Lower Upper

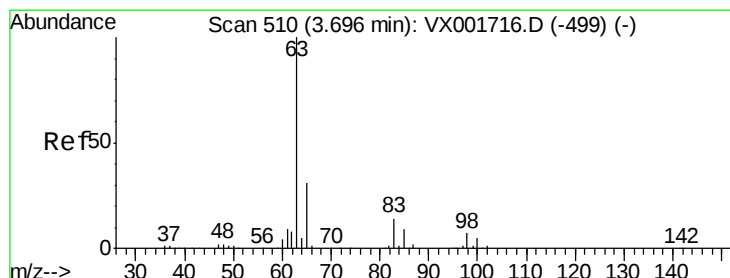
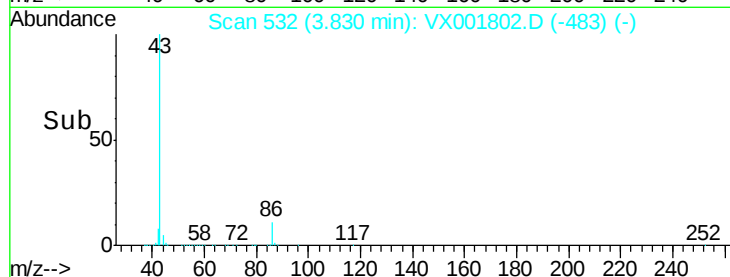
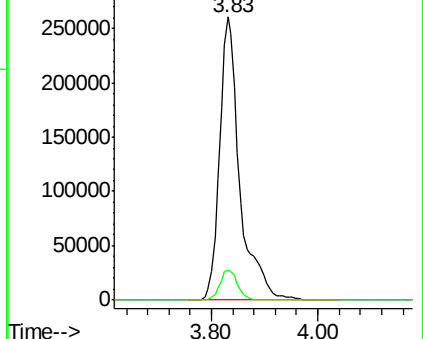
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

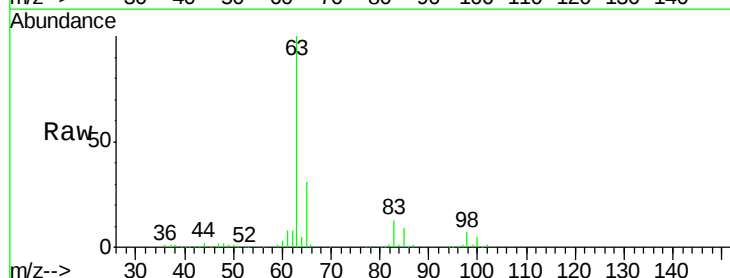
Tgt Ion: 63 Resp: 113901

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

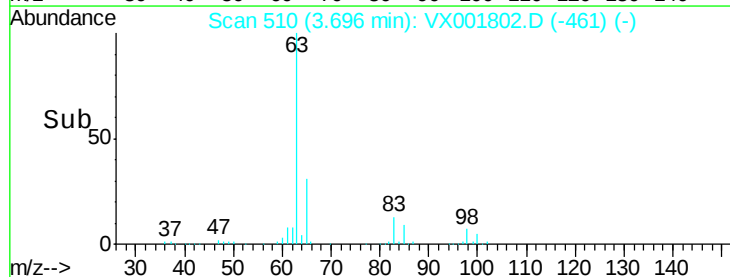
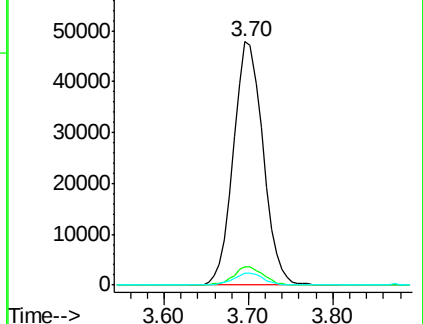
100 4.9 2.4 7.2

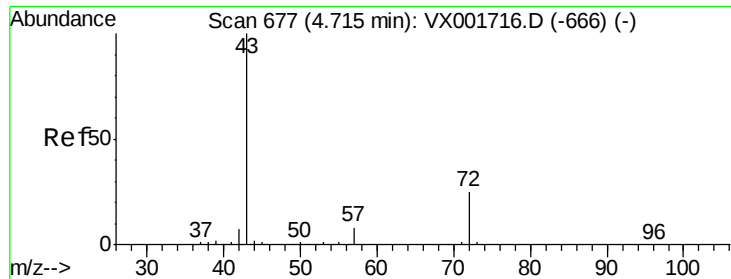


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 123.05 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

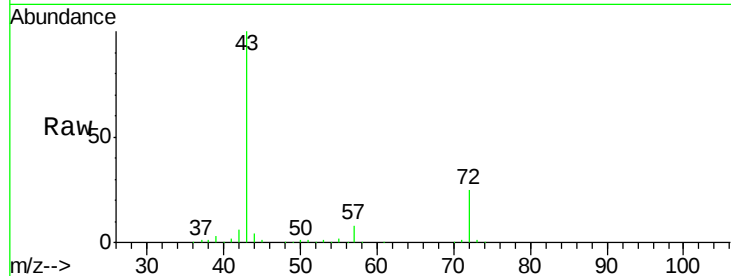
VX0517WBSD01

Tgt Ion: 43 Resp: 269174

Ion Ratio Lower Upper

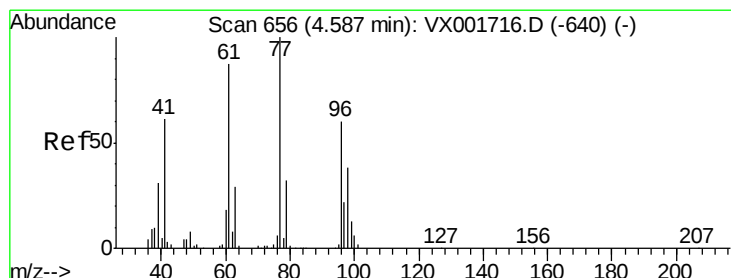
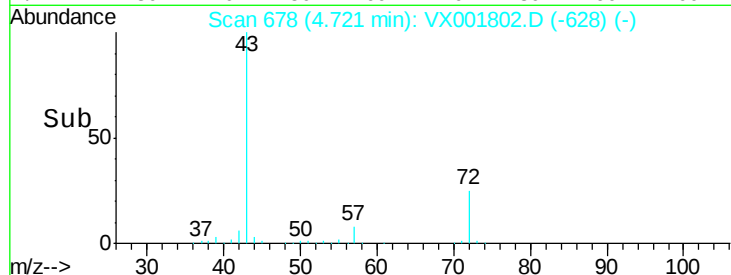
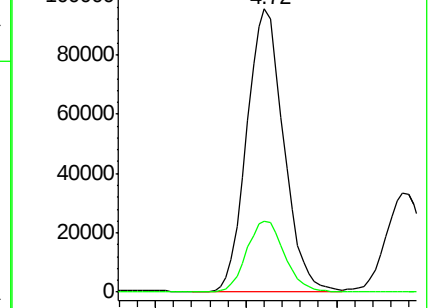
43 100

72 25.3 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.09 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001802.D

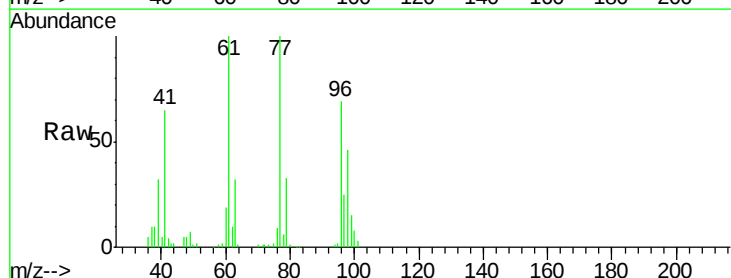
Acq: 17 May 2018 20:27

Tgt Ion: 77 Resp: 75974

Ion Ratio Lower Upper

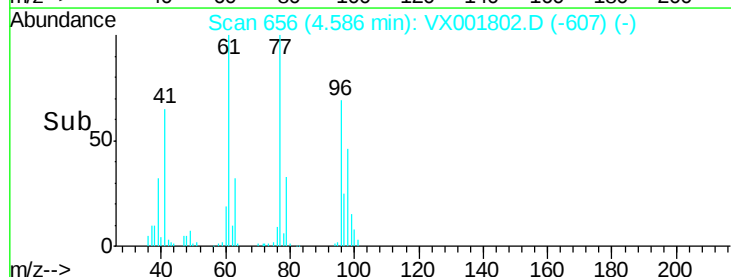
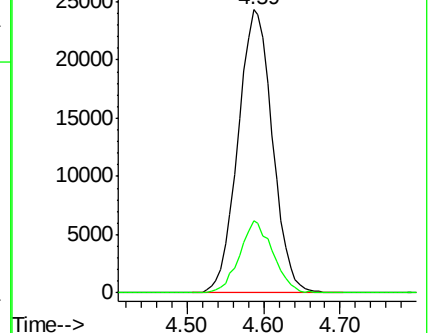
77 100

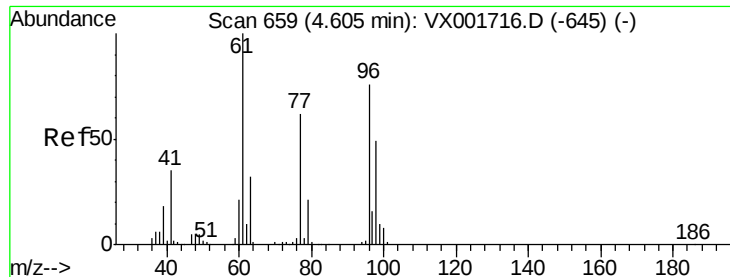
97 24.7 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



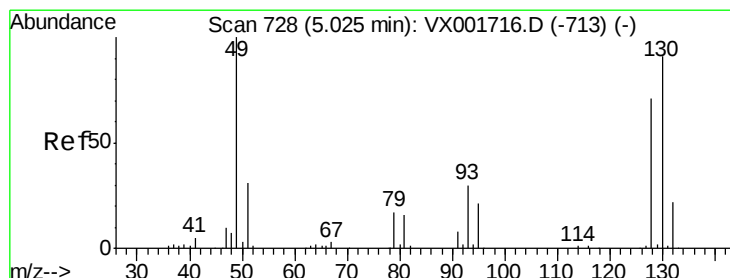
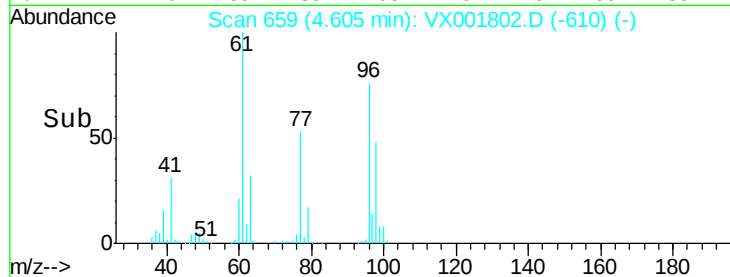
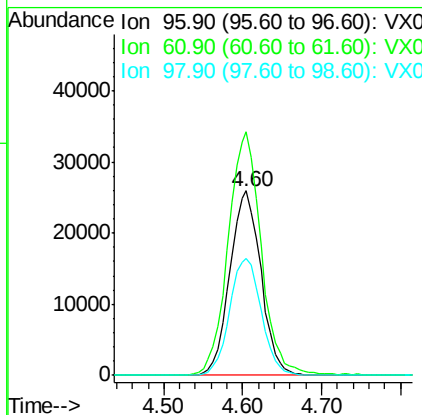
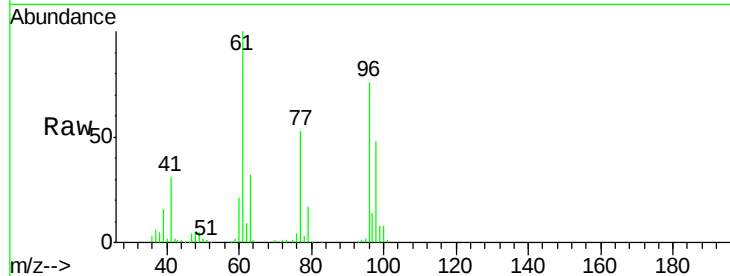


#27

cis-1,2-Dichloroethene
 Concen: 21.11 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

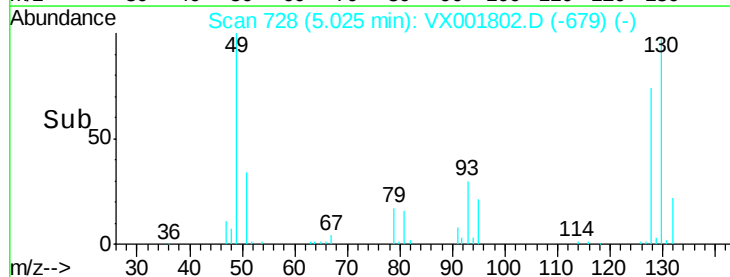
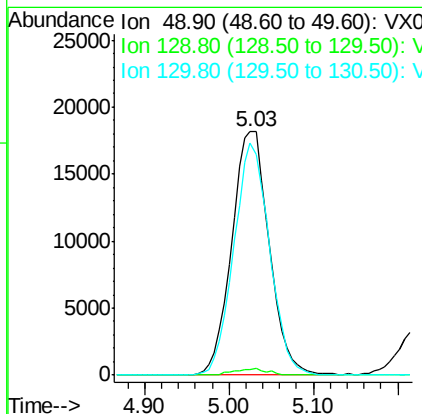
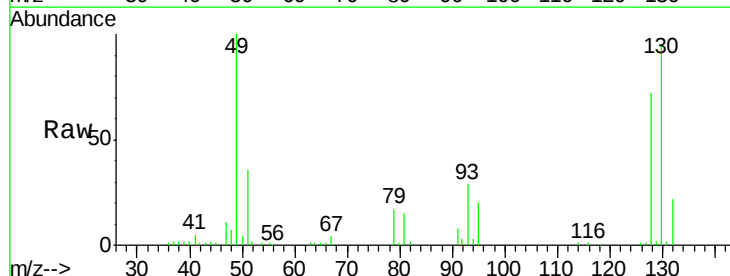
Tgt Ion: 96 Resp: 70995
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 280.4
 98 64.8 0.0 128.4

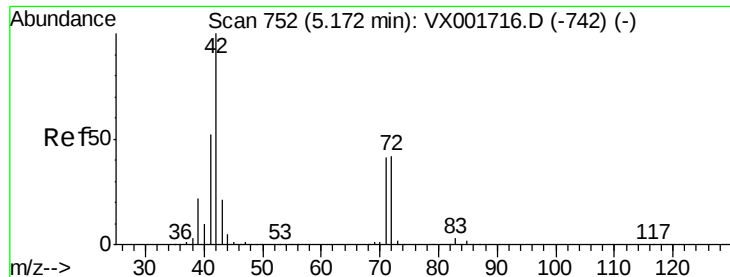


#28

Bromochloromethane
 Concen: 23.64 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 49 Resp: 54792
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 90.7 71.8 107.6





#29

Tetrahydrofuran

Concen: 120.82 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

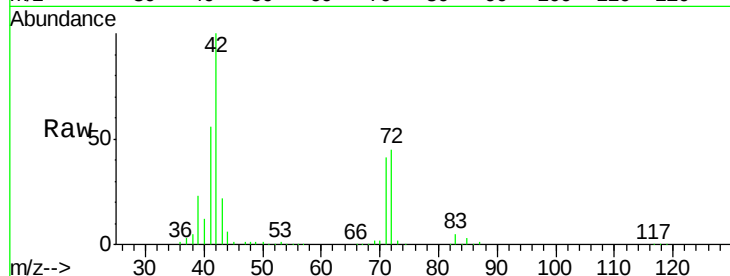
Tgt Ion: 42 Resp: 172288

Ion Ratio Lower Upper

42 100

72 45.2 35.4 53.2

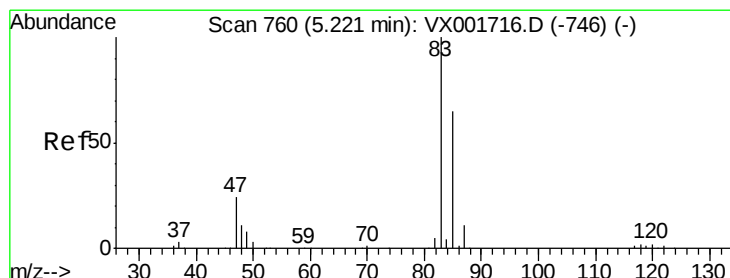
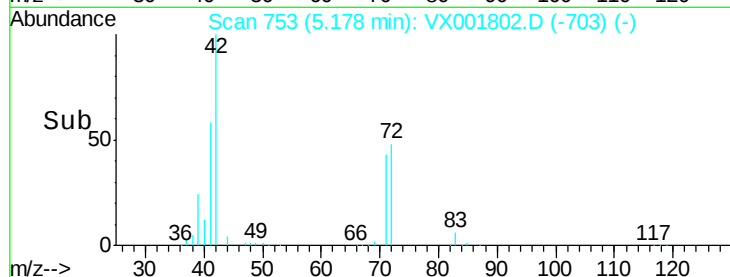
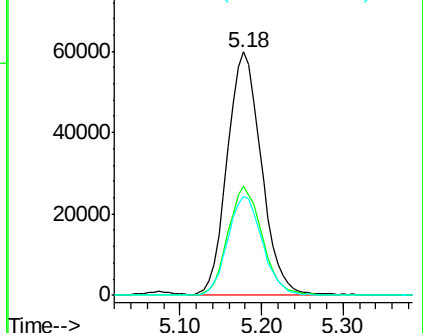
71 41.5 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.18 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001802.D

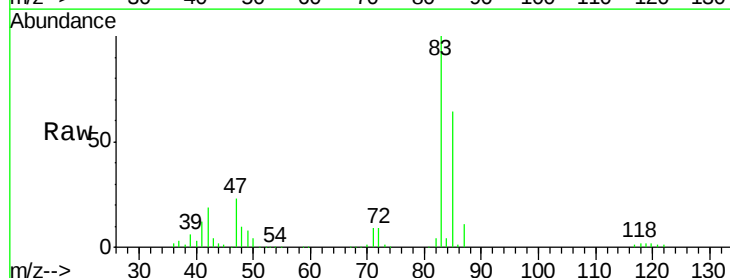
Acq: 17 May 2018 20:27

Tgt Ion: 83 Resp: 121535

Ion Ratio Lower Upper

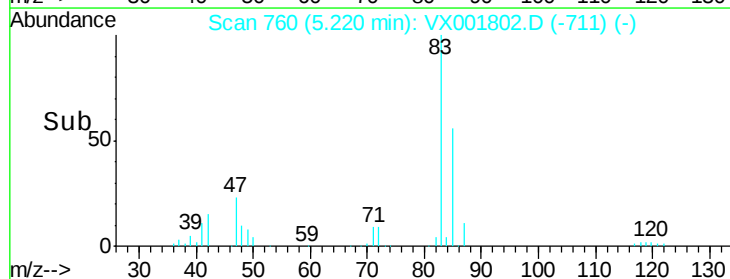
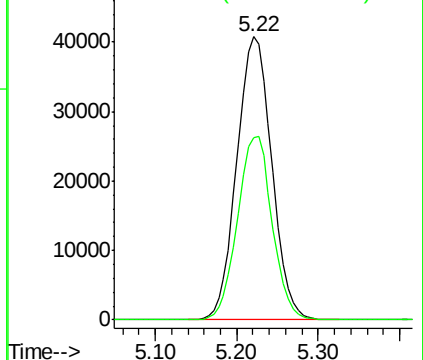
83 100

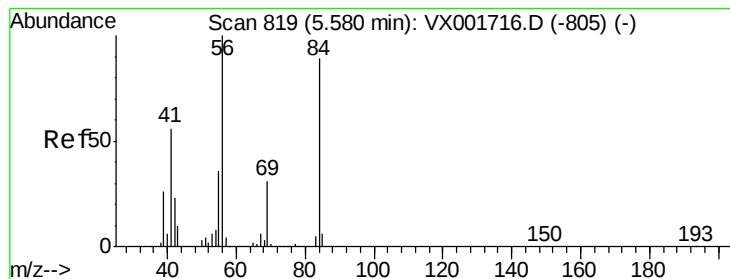
85 64.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.01 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

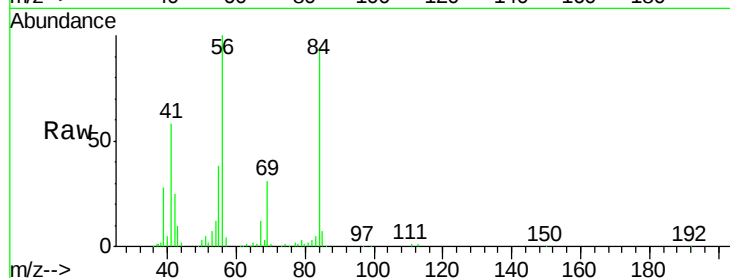
Tgt Ion: 56 Resp: 96067

Ion Ratio Lower Upper

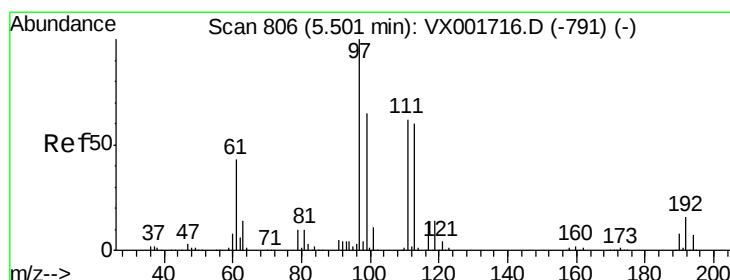
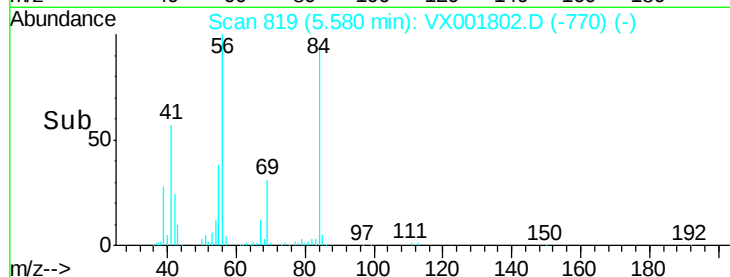
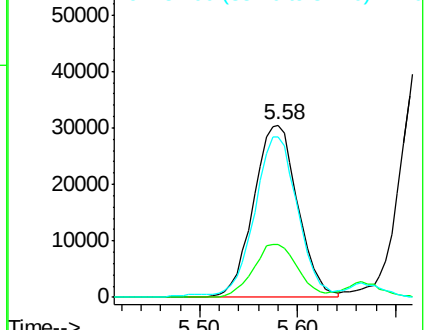
56 100

69 30.2 25.0 37.6

84 91.6 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.76 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

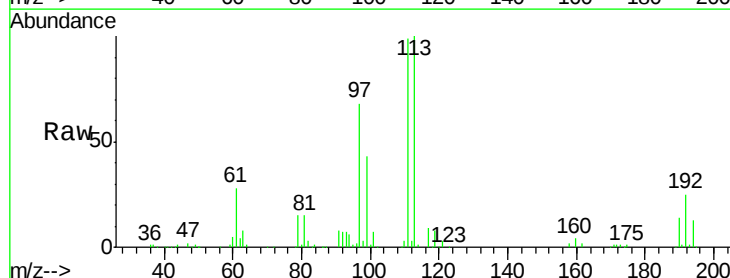
Tgt Ion: 97 Resp: 103059

Ion Ratio Lower Upper

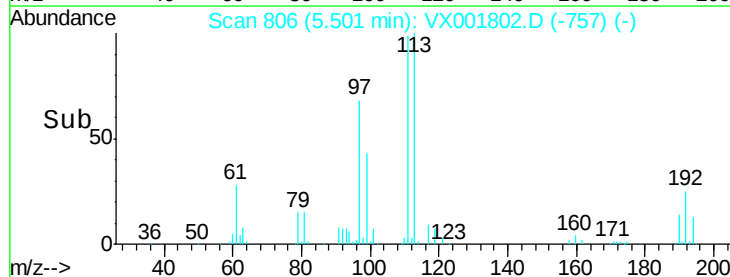
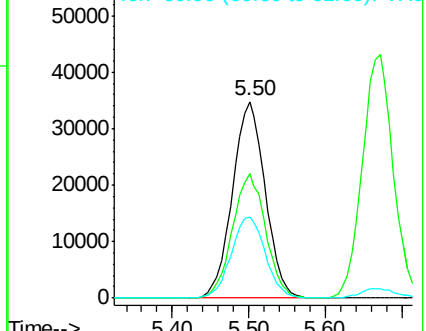
97 100

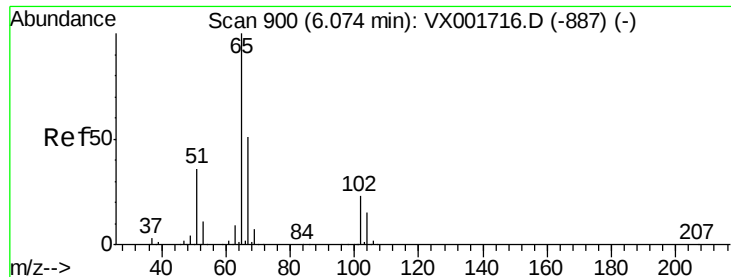
99 64.0 51.3 76.9

61 43.3 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

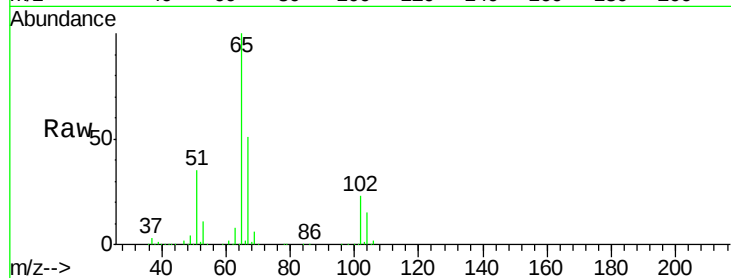
VX0517WBSD01

Tgt Ion: 65 Resp: 179710

Ion Ratio Lower Upper

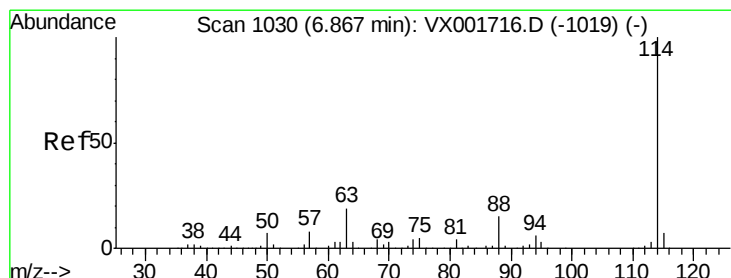
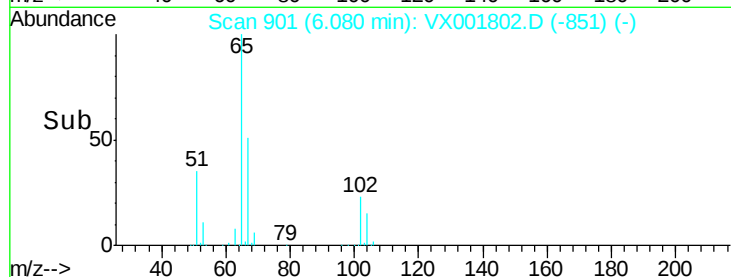
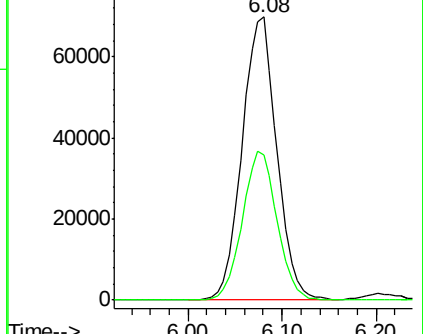
65 100

67 52.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

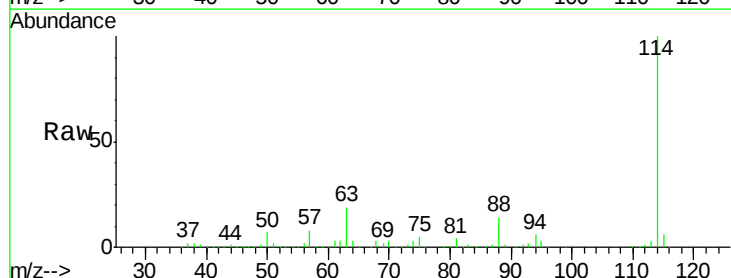
Tgt Ion: 114 Resp: 353393

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

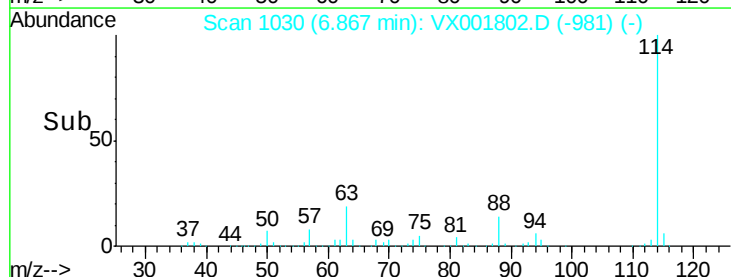
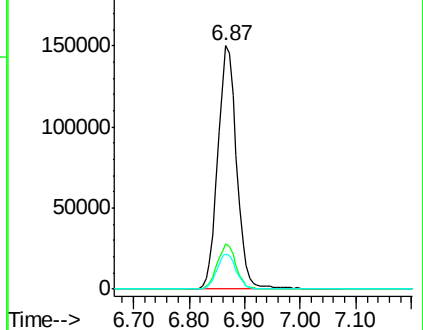
88 14.1 0.0 29.8

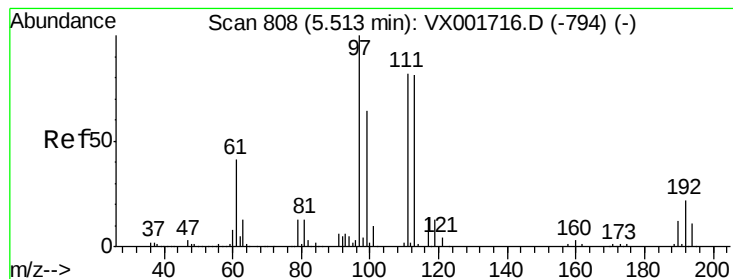


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.75 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

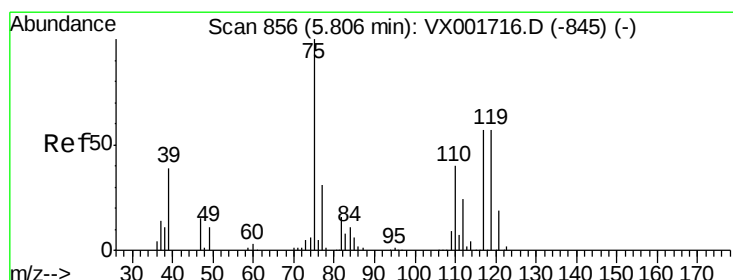
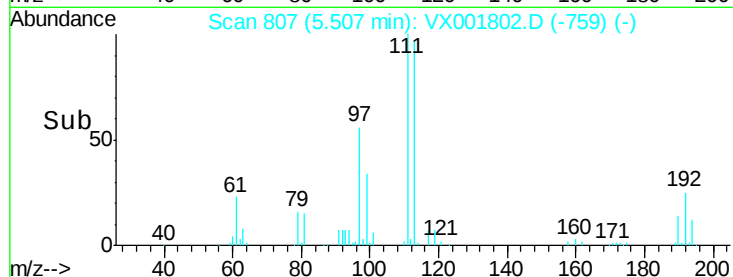
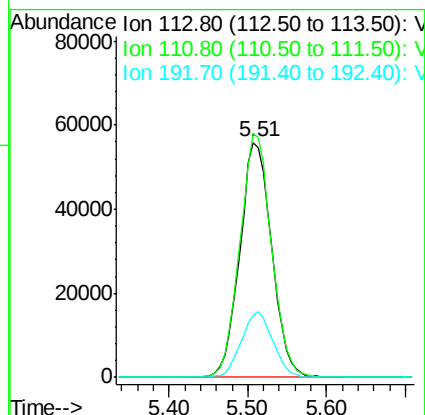
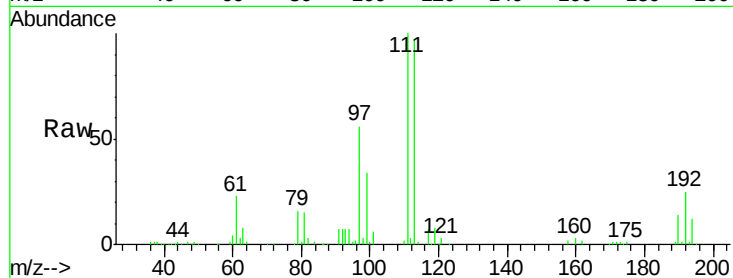
Tgt Ion:113 Resp: 157305

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 27.5 21.6 32.4



#36

1,1-Dichloropropene

Concen: 20.32 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

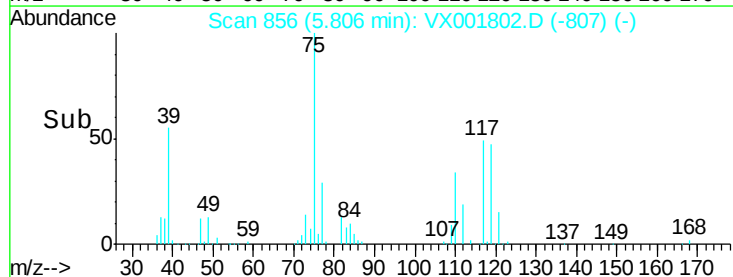
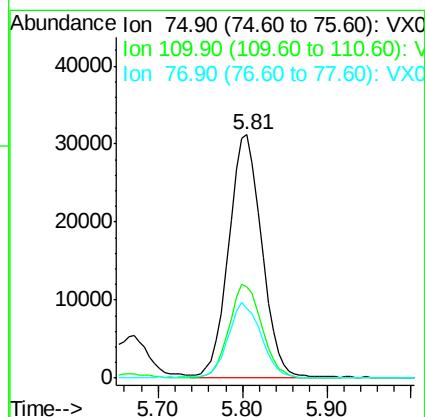
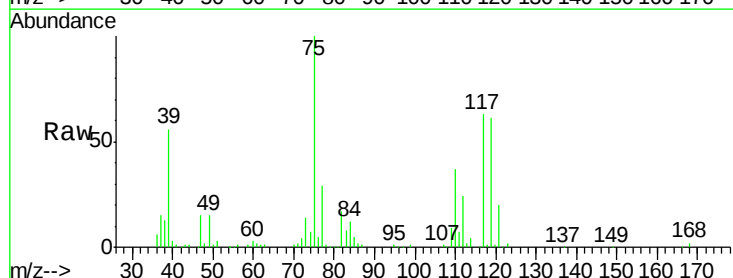
Tgt Ion: 75 Resp: 82655

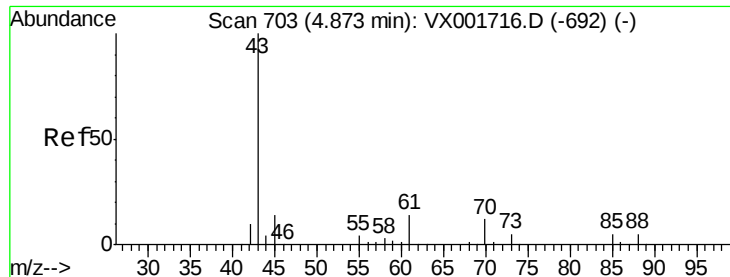
Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.1

77 31.7 24.6 37.0

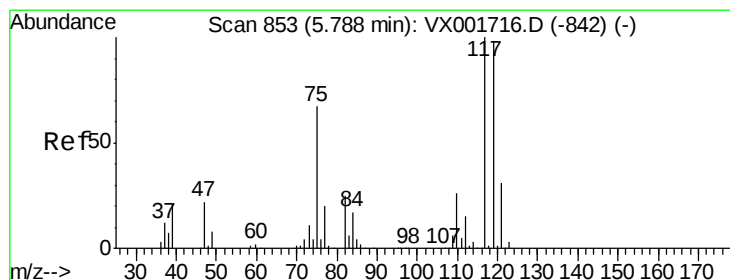
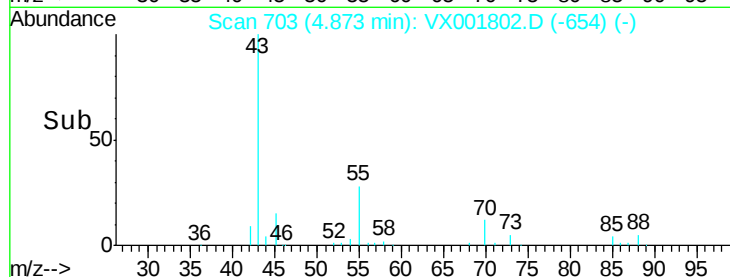
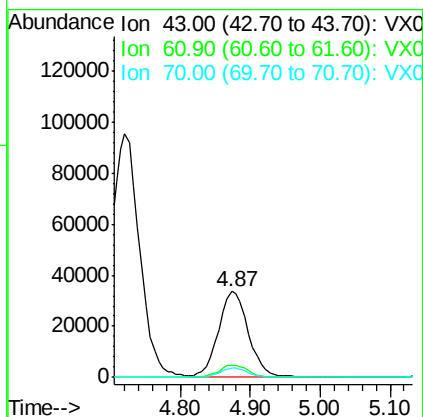
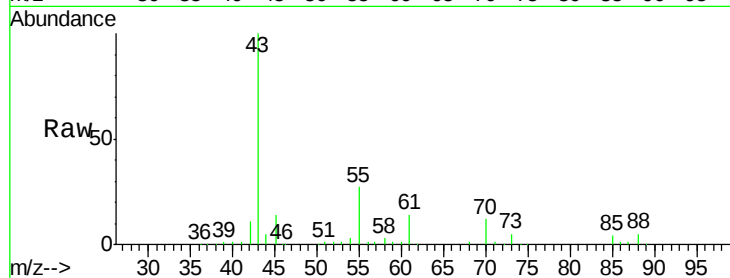




#37
Ethyl Acetate
Concen: 23.58 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

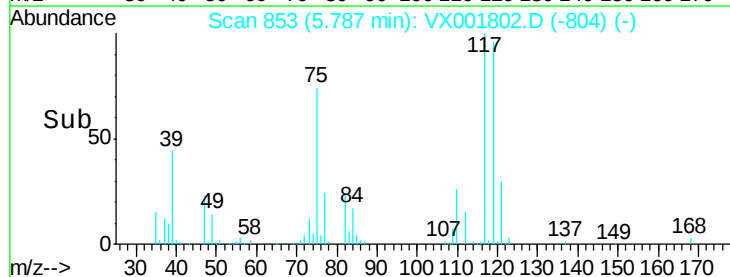
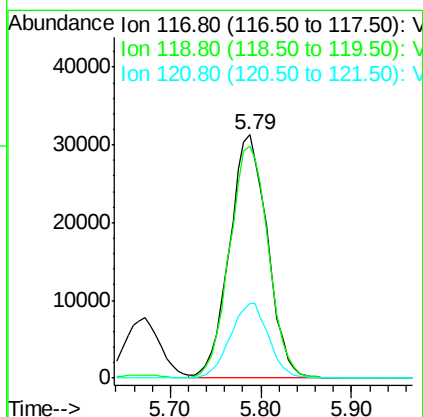
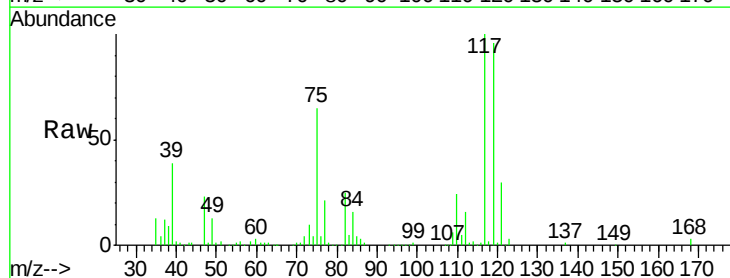
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

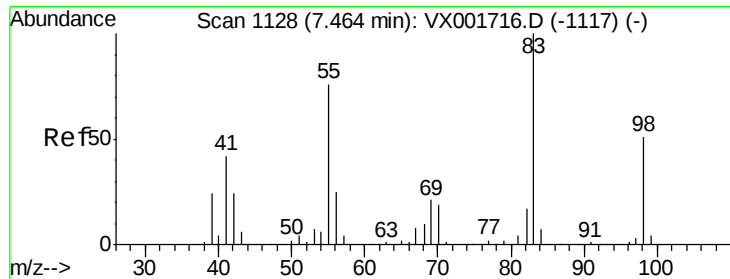
Tgt Ion: 43 Resp: 99968
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.39 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 117 Resp: 91145
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4
121 30.4 24.6 36.8

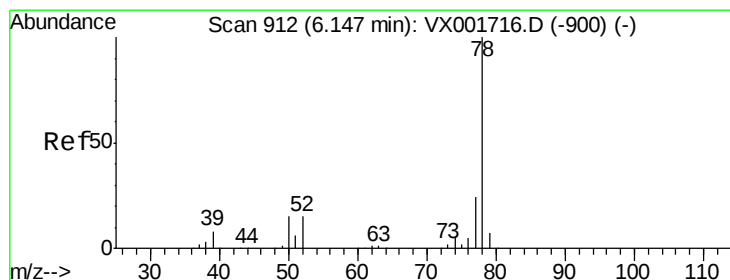
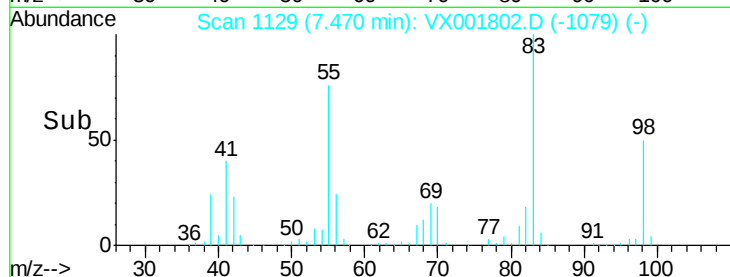
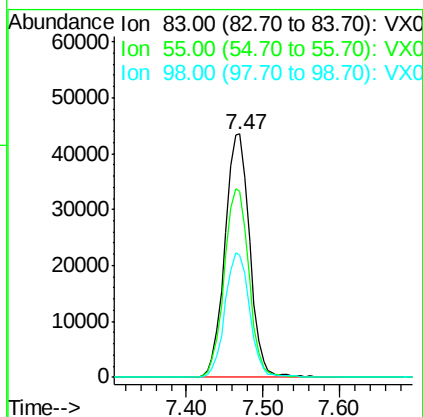
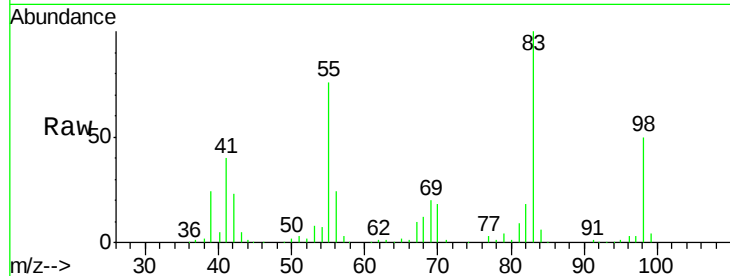




#39
Methylcyclohexane
Concen: 20.53 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

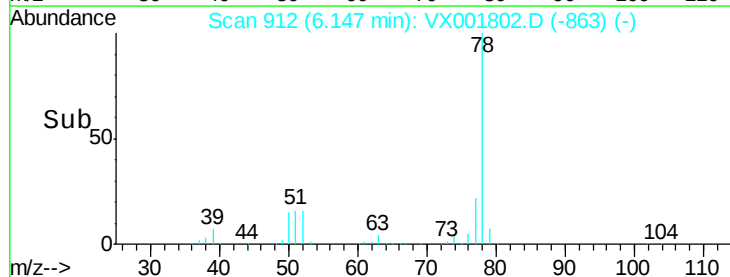
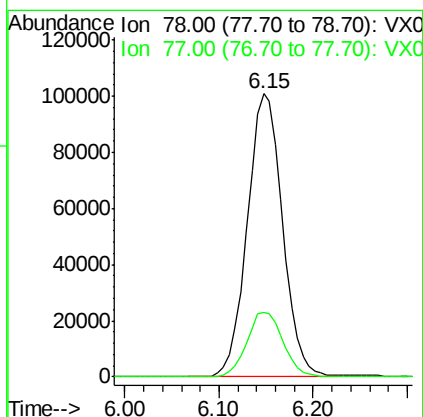
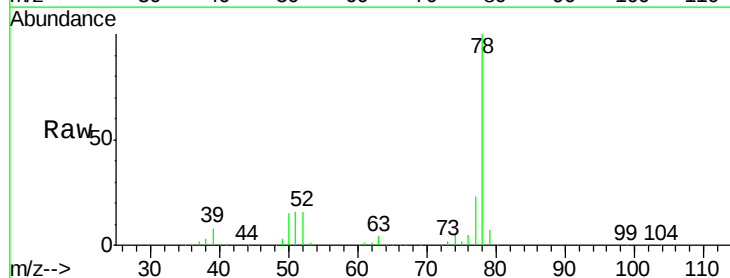
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

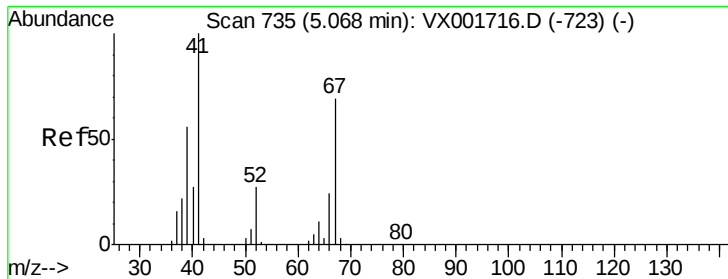
Tgt Ion: 83 Resp: 97606
Ion Ratio Lower Upper
83 100
55 76.3 60.6 90.8
98 50.3 40.4 60.6



#40
Benzene
Concen: 21.97 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 78 Resp: 263342
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4





#41

Methacrylonitrile

Concen: 22.86 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tgt Ion: 41 Resp: 56052

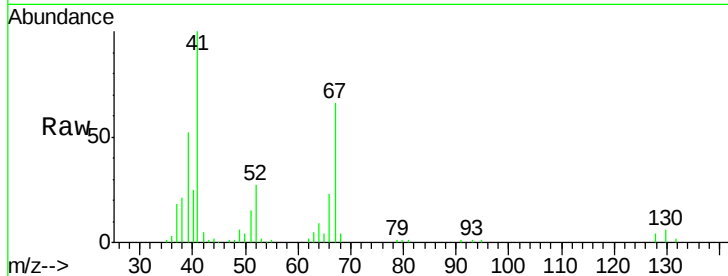
Ion Ratio Lower Upper

41 100

39 53.0 44.2 66.4

67 68.0 56.0 84.0

52 27.9 22.6 33.8

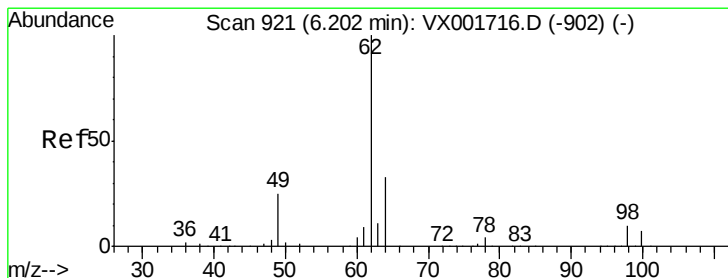
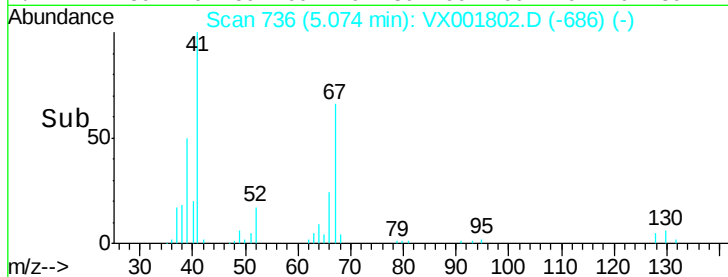
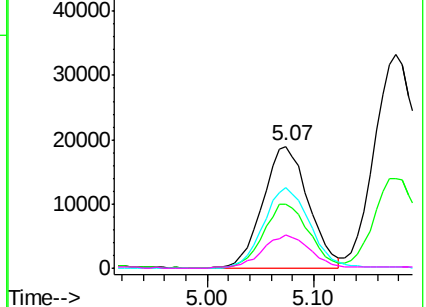


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.58 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001802.D

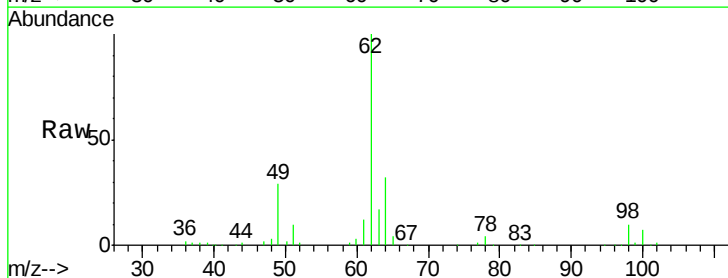
Acq: 17 May 2018 20:27

Tgt Ion: 62 Resp: 93550

Ion Ratio Lower Upper

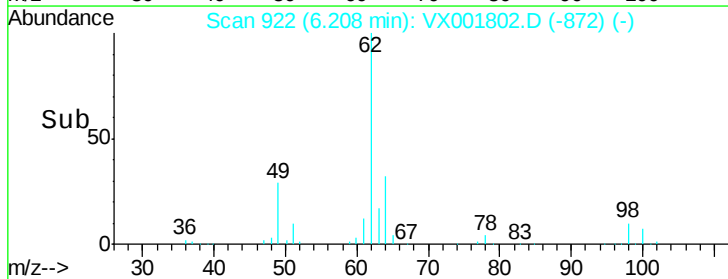
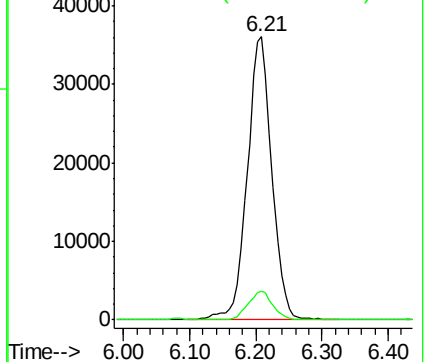
62 100

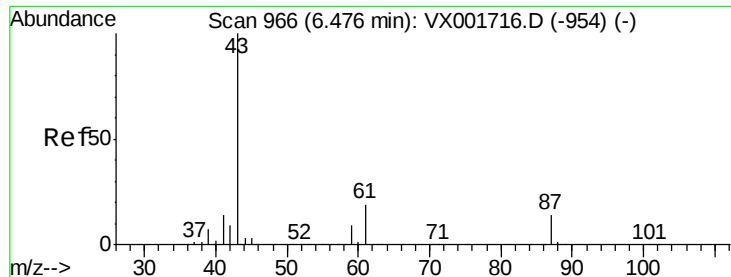
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.86 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

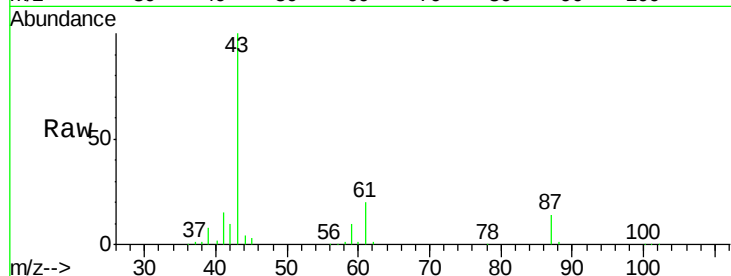
Tgt Ion: 43 Resp: 145027

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.8

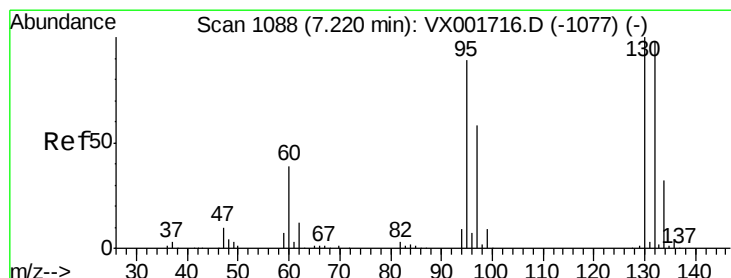
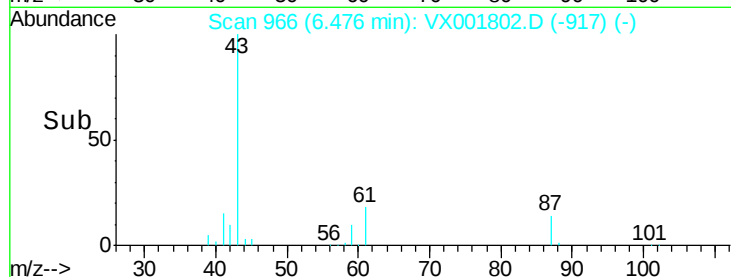
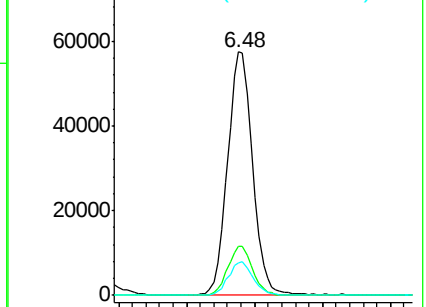
87 13.8 11.0 16.4



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: 21.72 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001802.D

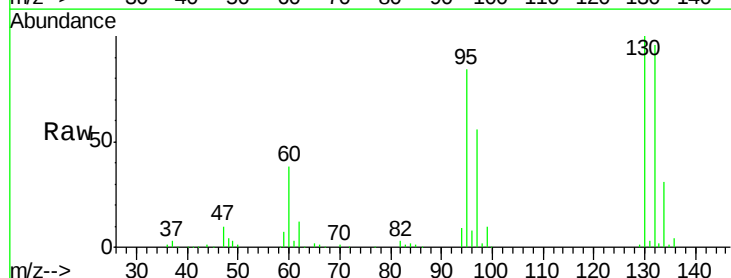
Acq: 17 May 2018 20:27

Tgt Ion: 130 Resp: 80791

Ion Ratio Lower Upper

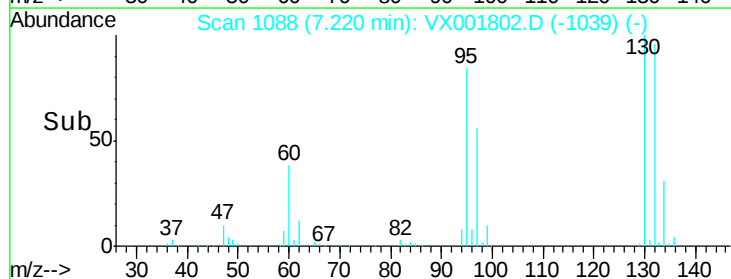
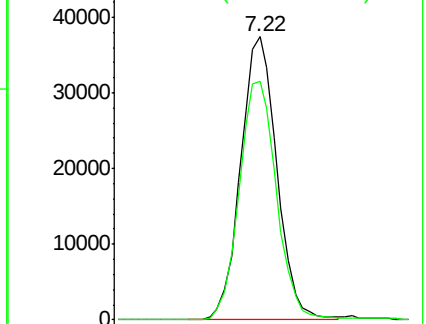
130 100

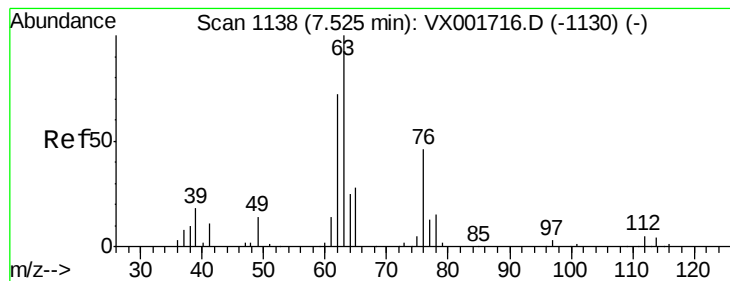
95 84.5 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.87 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

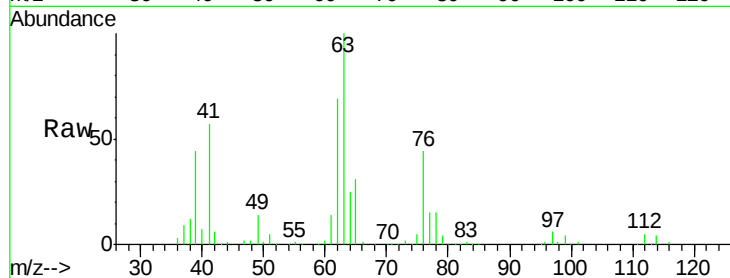
VX0517WBSD01

Tgt Ion: 63 Resp: 67266

Ion Ratio Lower Upper

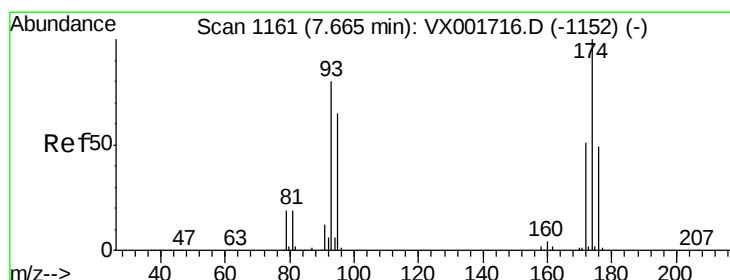
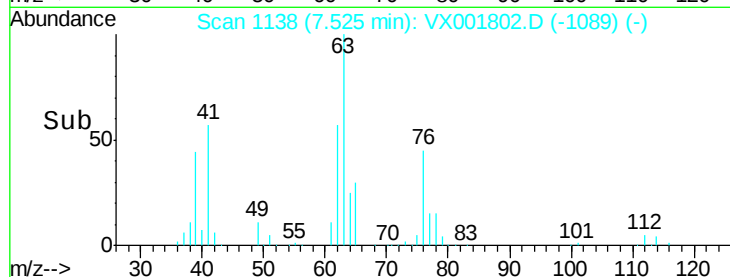
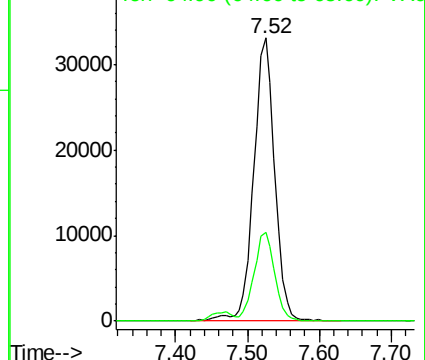
63 100

65 31.5 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.97 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

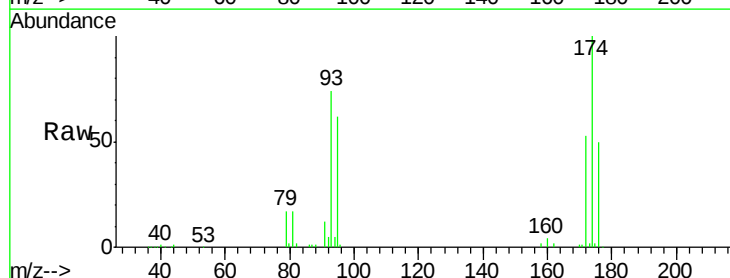
Tgt Ion: 93 Resp: 45383

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

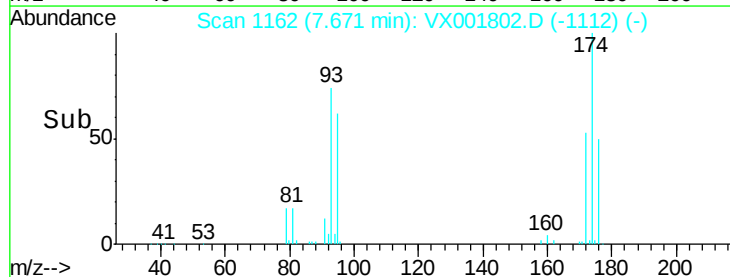
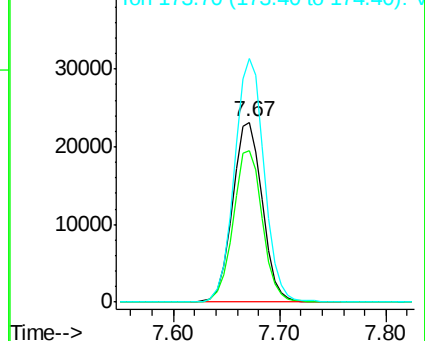
174 134.9 106.2 159.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

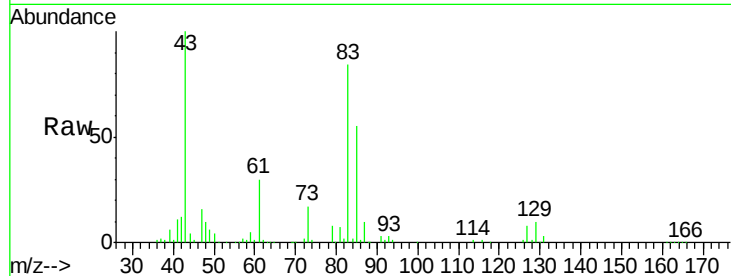
Tgt Ion: 83 Resp: 85197

Ion Ratio Lower Upper

83 100

85 65.4 49.6 74.4

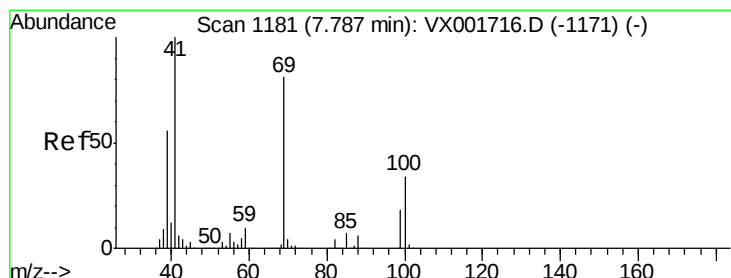
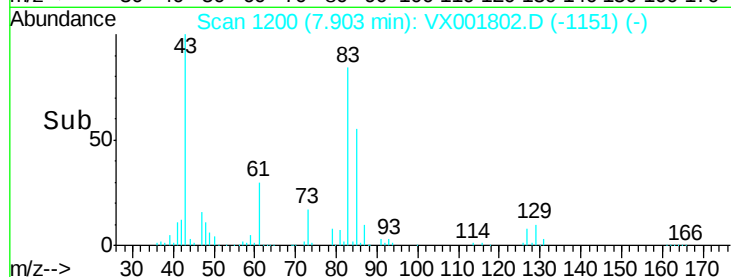
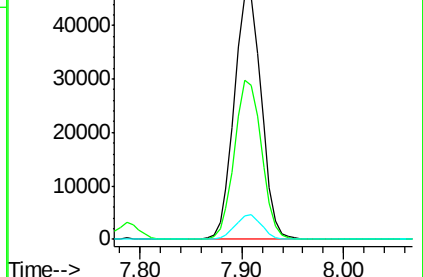
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.18 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

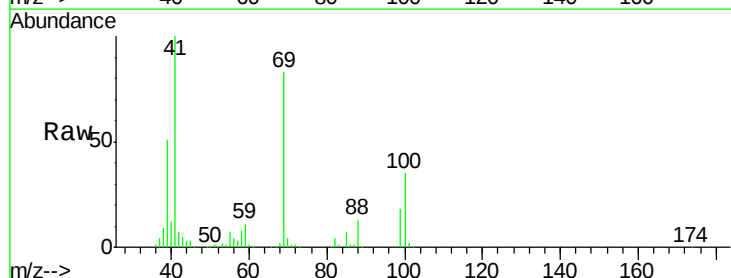
Tgt Ion: 41 Resp: 77482

Ion Ratio Lower Upper

41 100

69 82.1 65.2 97.8

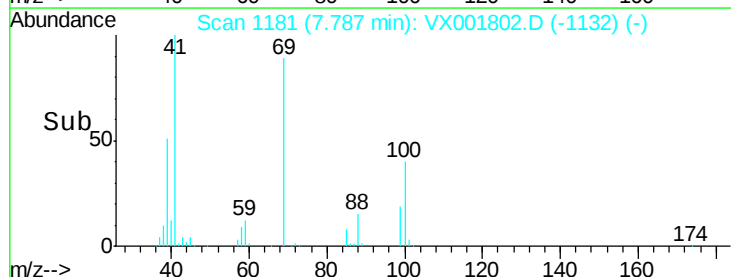
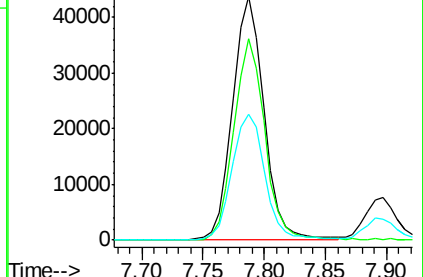
39 53.7 44.5 66.7

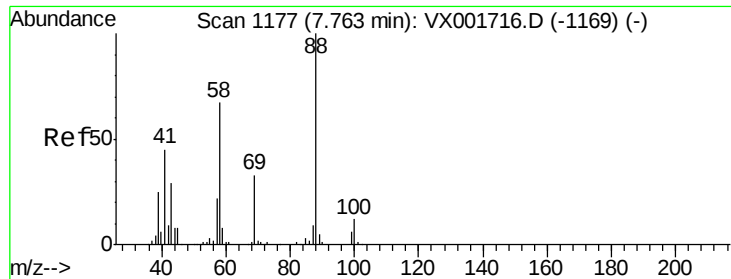


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

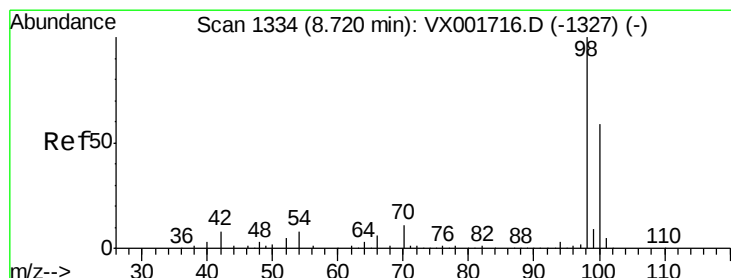
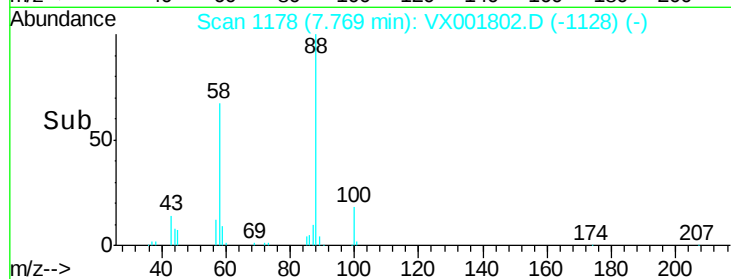
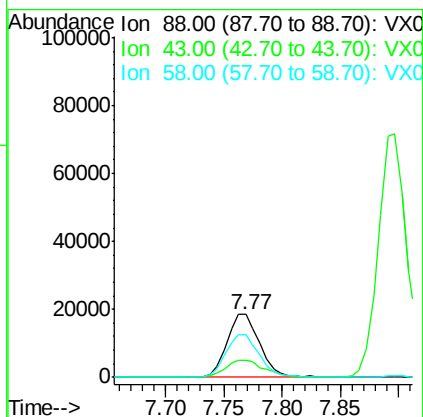
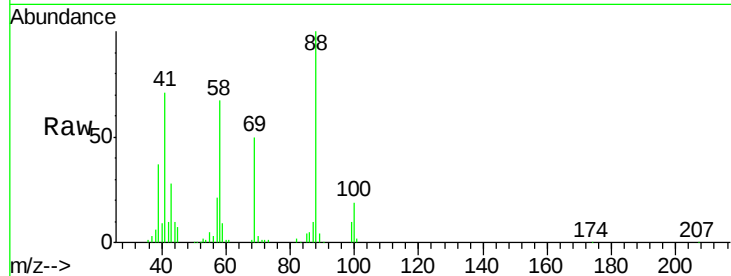




#49
 1,4-Dioxane
 Concen: 542.17 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

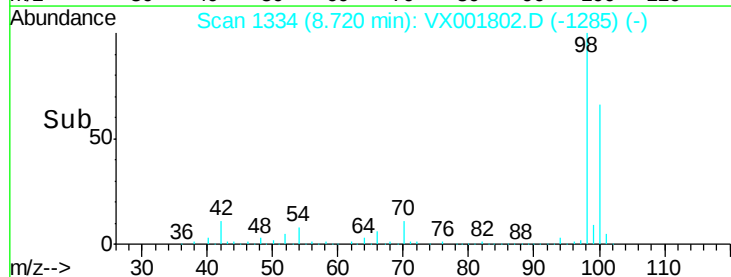
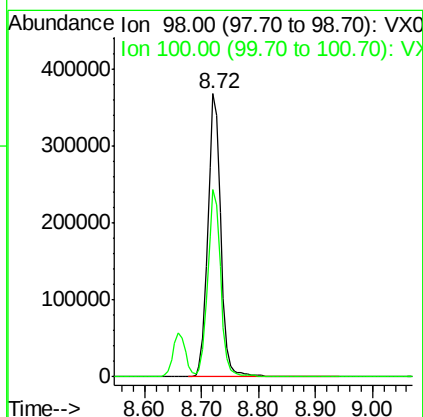
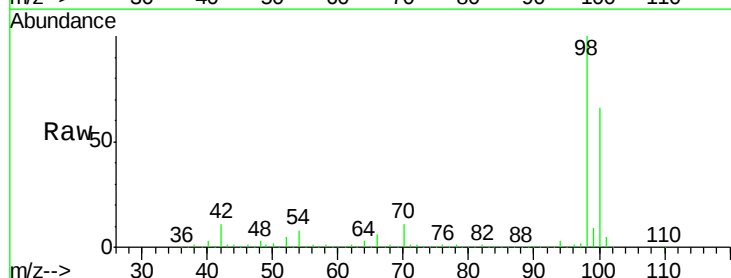
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

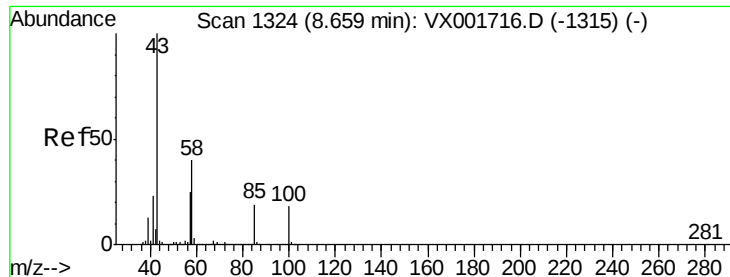
Tgt Ion: 88 Resp: 36460
 Ion Ratio Lower Upper
 88 100
 43 30.6 27.3 40.9
 58 70.1 55.9 83.9



#50
 Toluene-d8
 Concen: 54.71 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 98 Resp: 584342
 Ion Ratio Lower Upper
 98 100
 100 66.6 54.0 81.0

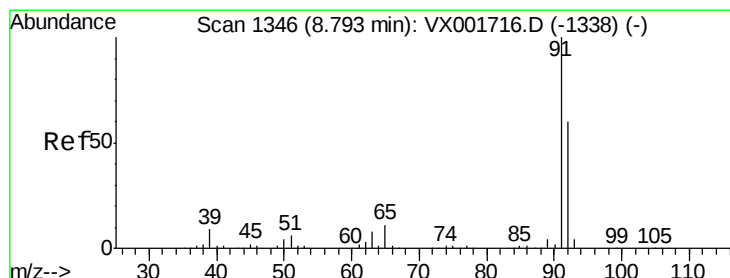
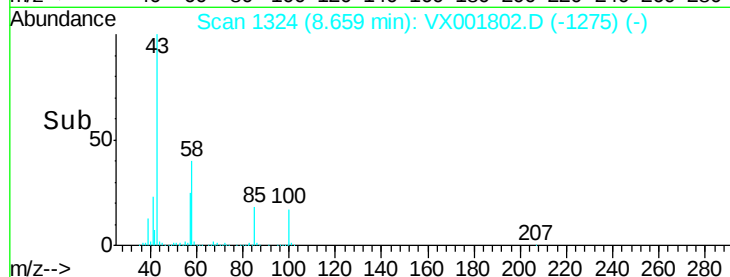
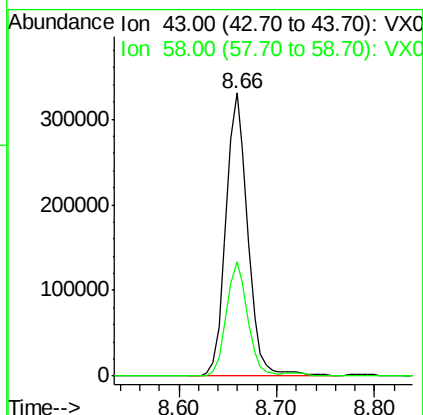
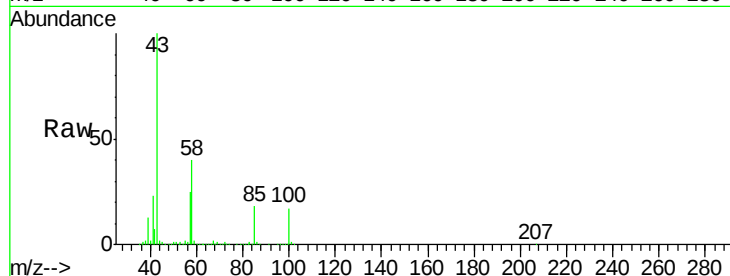




#51
 4-Methyl-2-Pentanone
 Concen: 122.30 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

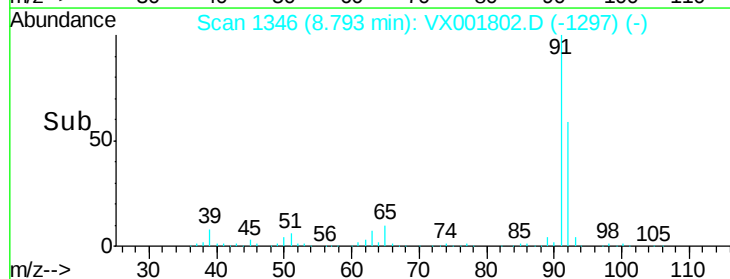
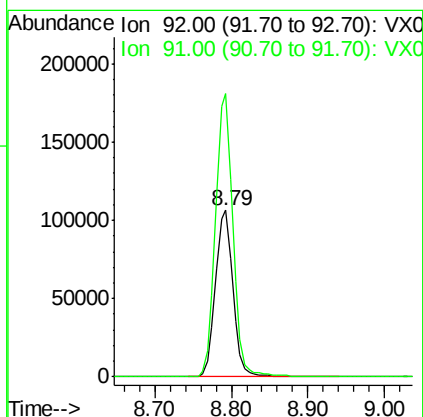
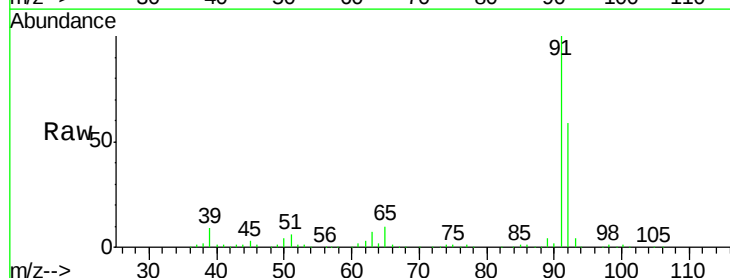
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

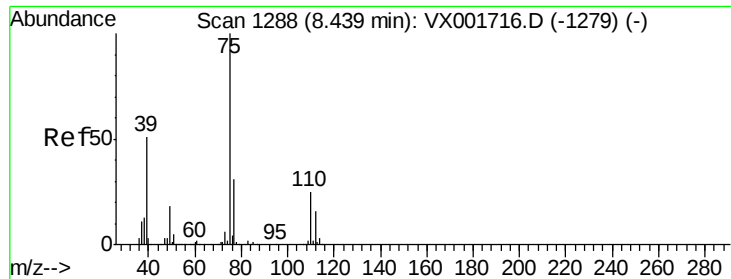
Tgt Ion: 43 Resp: 514277
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.4 47.0



#52
 Toluene
 Concen: 22.05 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 92 Resp: 169797
 Ion Ratio Lower Upper
 92 100
 91 168.5 135.5 203.3

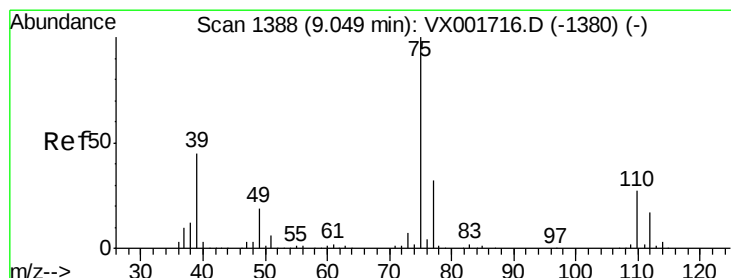
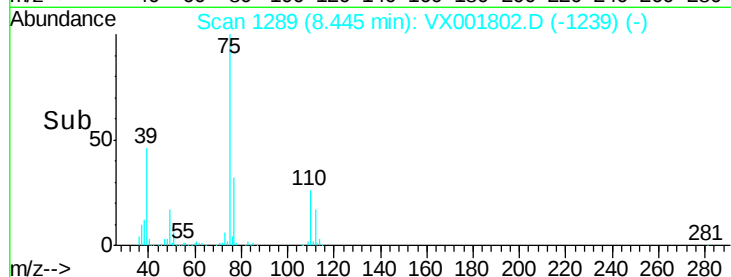
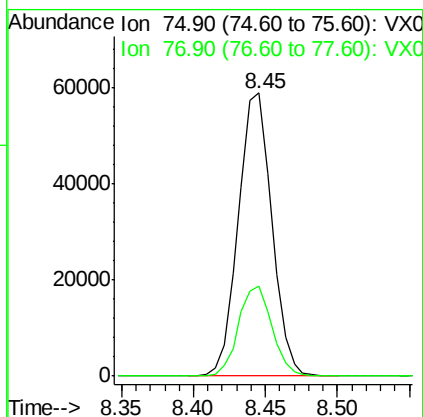
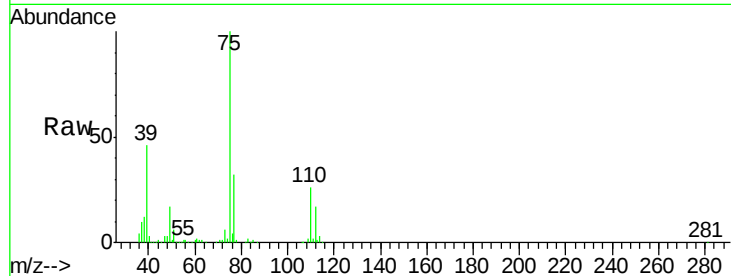




#53
t-1,3-Dichloropropene
Concen: 21.13 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

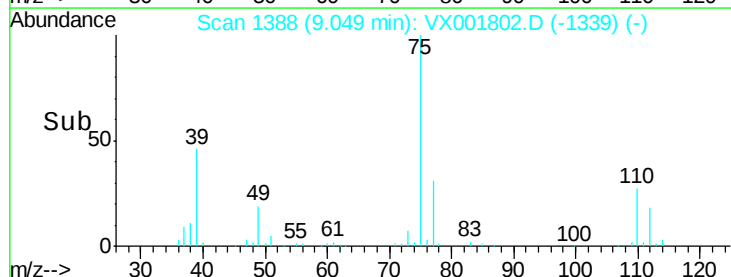
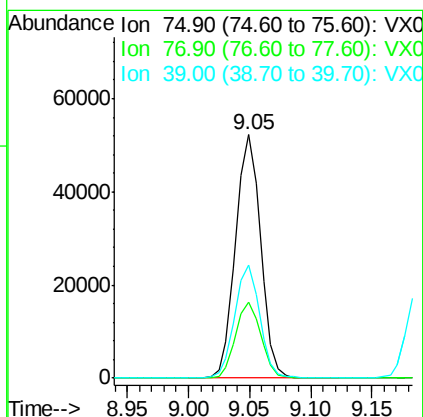
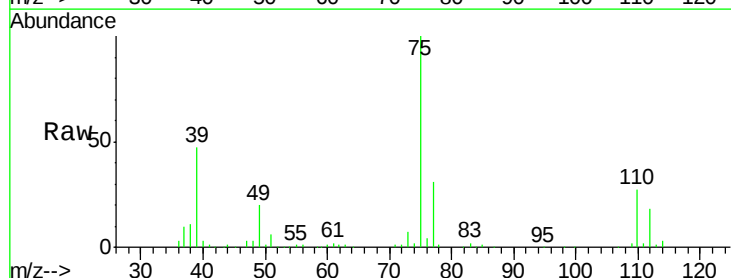
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

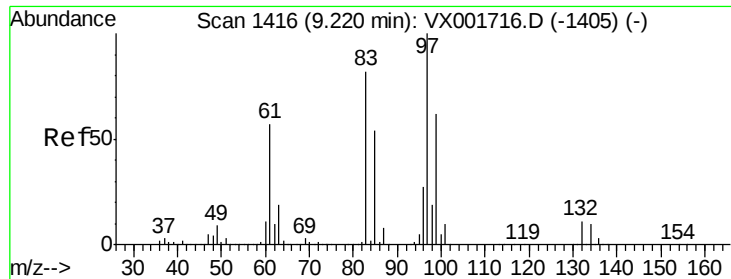
Tgt Ion: 75 Resp: 95280
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.63 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 75 Resp: 74047
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 46.3 36.1 54.1

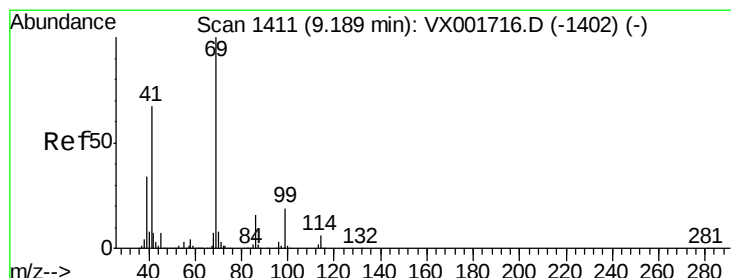
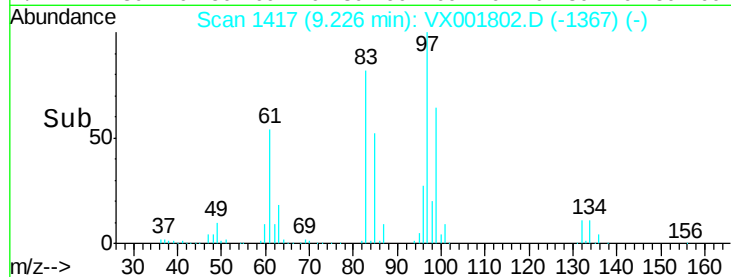
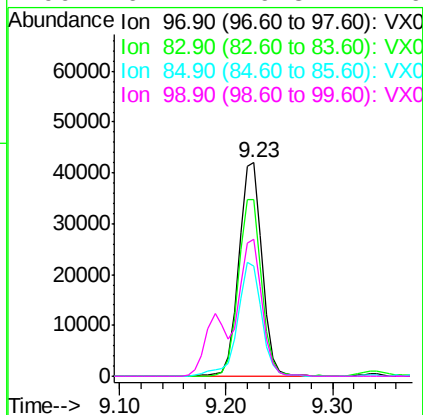
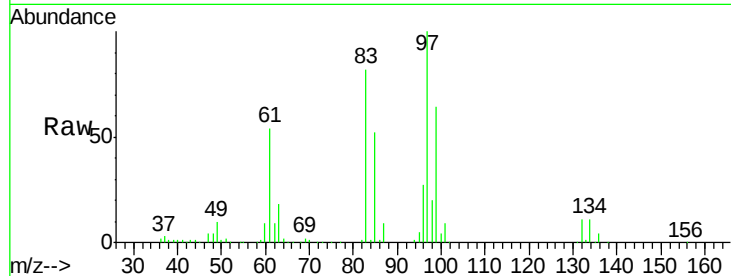




#55
 1,1,2-Trichloroethane
 Concen: 21.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

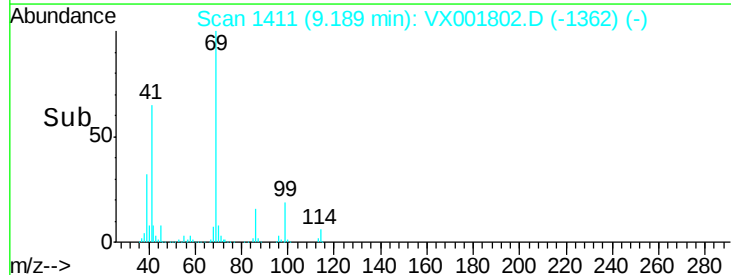
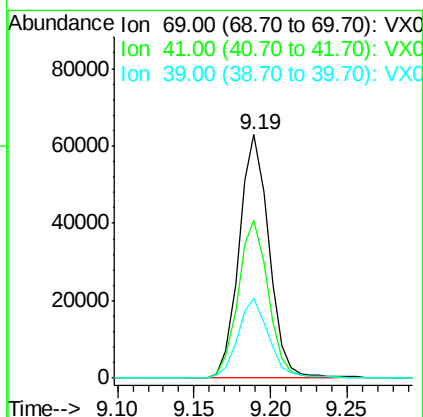
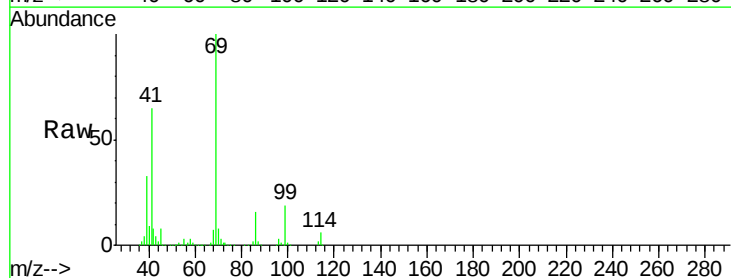
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

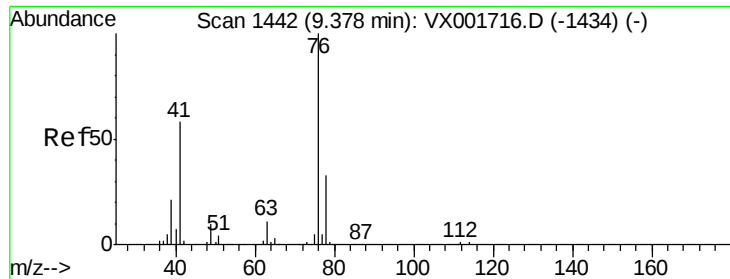
Tgt Ion:	97	Resp:	64154
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	51.6	43.4	65.0
99	64.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.46 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:	69	Resp:	85402
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.5	80.3
39	33.6	27.2	40.8





#57

1,3-Dichloropropane

Concen: 20.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

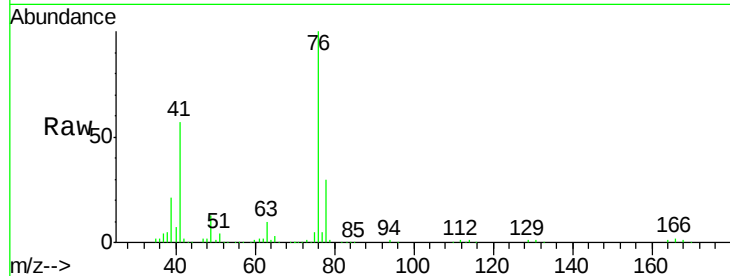
VX0517WBSD01

Tgt Ion: 76 Resp: 103221

Ion Ratio Lower Upper

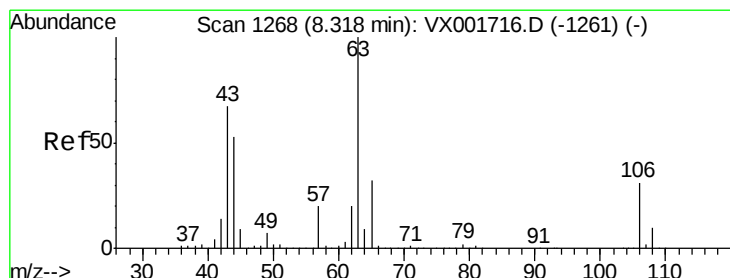
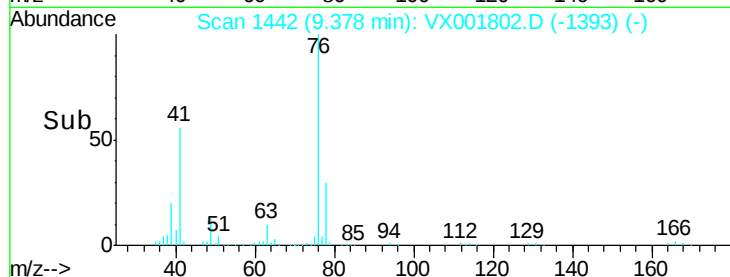
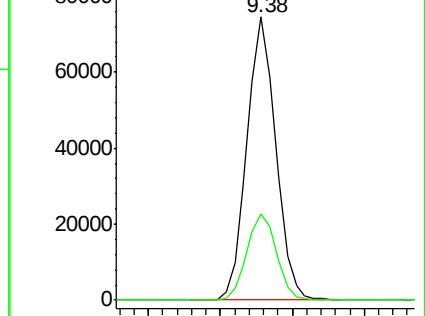
76 100

78 31.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 115.69 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001802.D

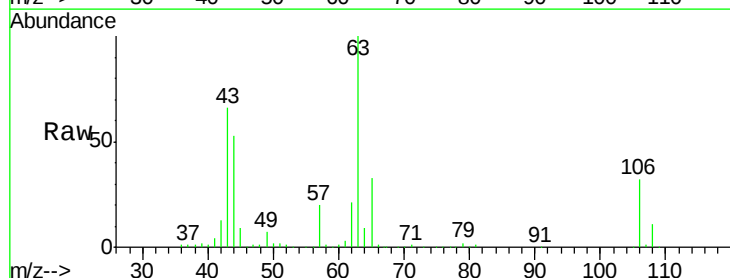
Acq: 17 May 2018 20:27

Tgt Ion: 63 Resp: 248453

Ion Ratio Lower Upper

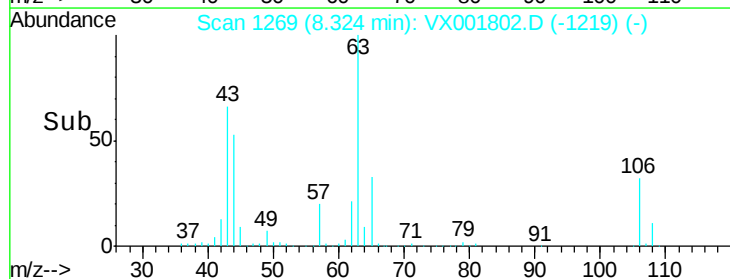
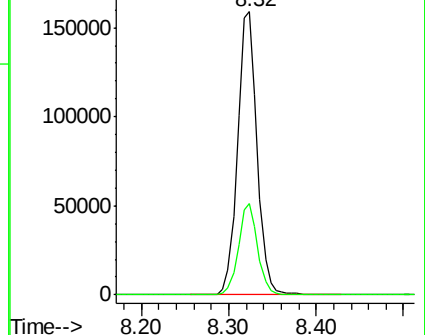
63 100

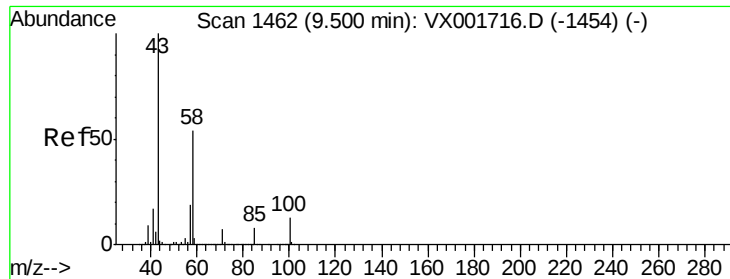
106 31.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

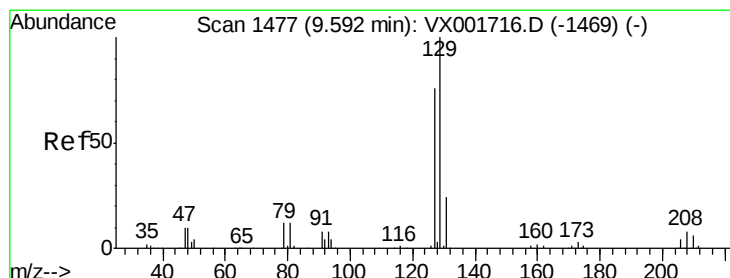
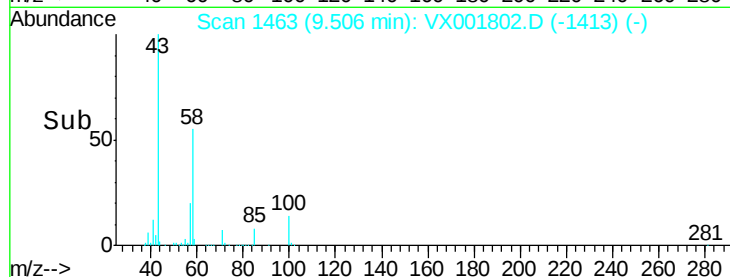
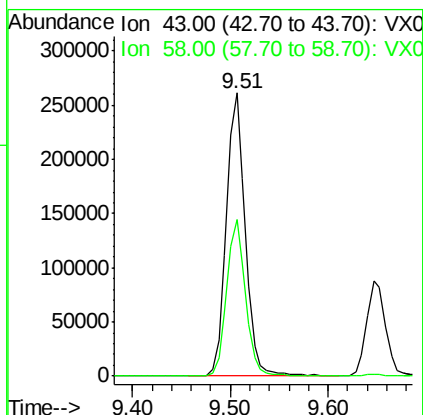
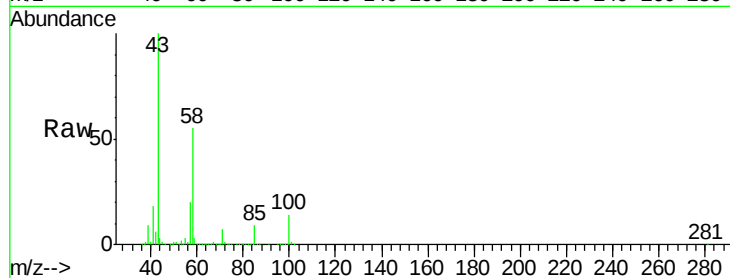




#59
2-Hexanone
Concen: 116.97 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

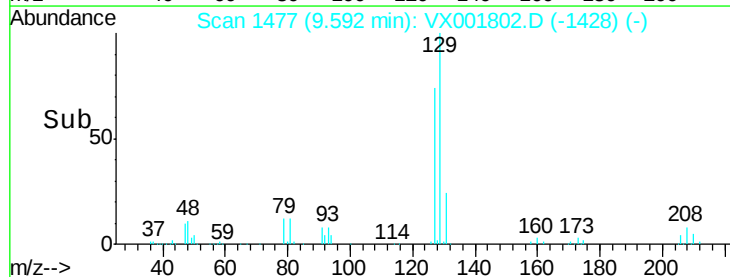
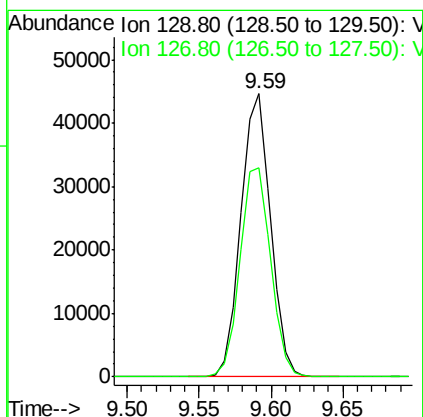
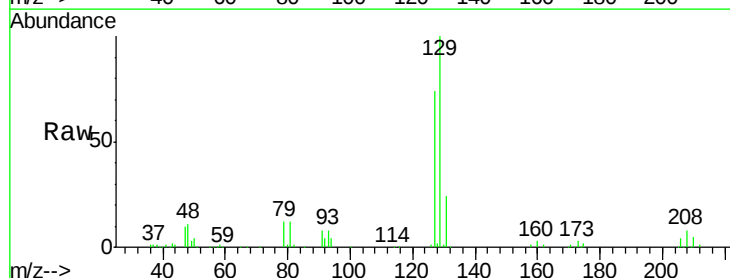
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

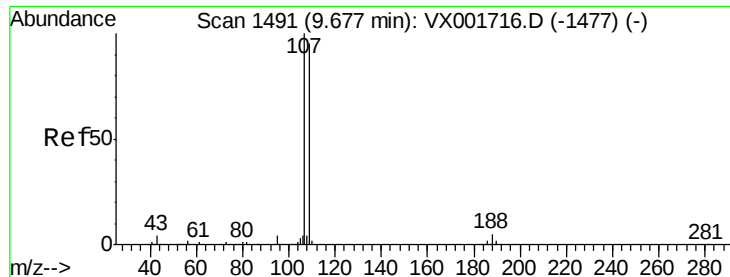
Tgt Ion: 43 Resp: 352103
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 21.10 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 129 Resp: 63610
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

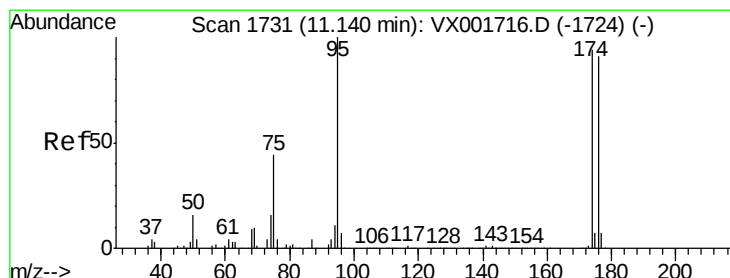
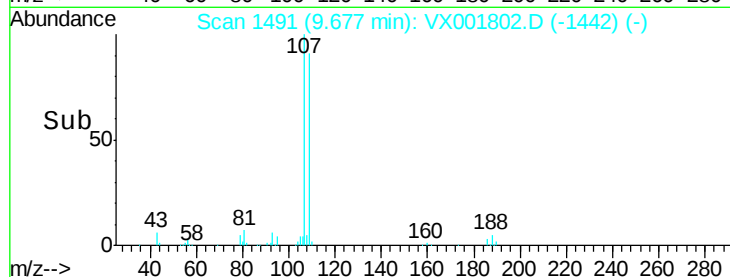
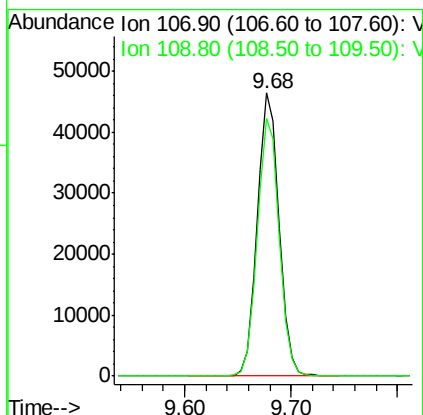
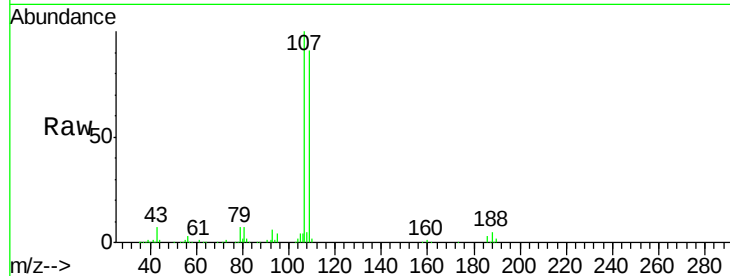




#61
 1,2-Dibromoethane
 Concen: 21.62 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

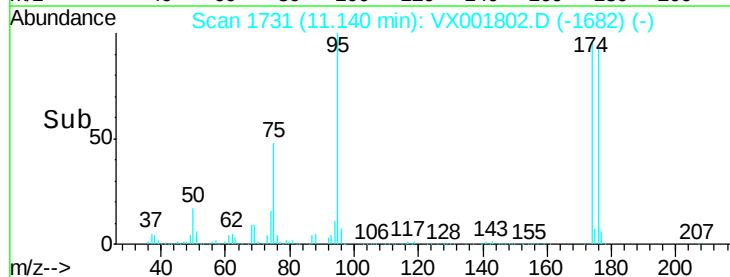
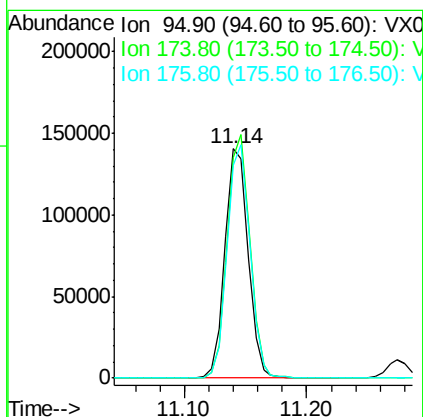
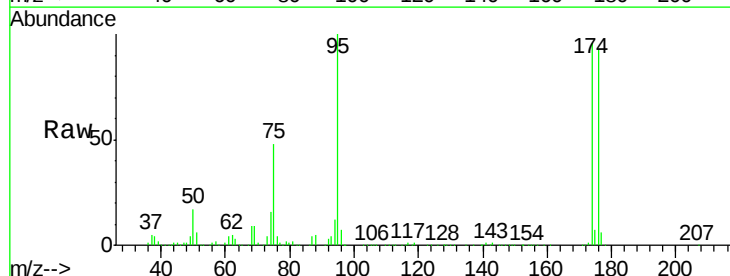
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

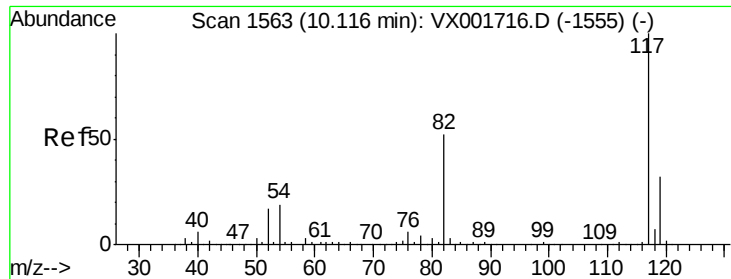
Tgt Ion: 107 Resp: 66631
 Ion Ratio Lower Upper
 107 100
 109 91.9 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 47.83 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 95 Resp: 183955
 Ion Ratio Lower Upper
 95 100
 174 103.7 0.0 201.8
 176 100.1 0.0 196.8

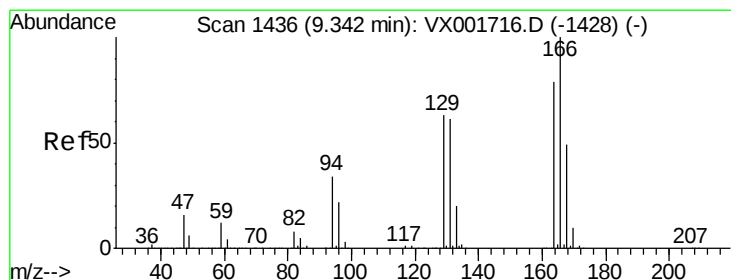
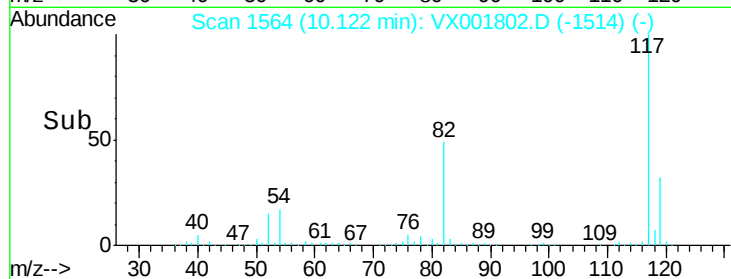
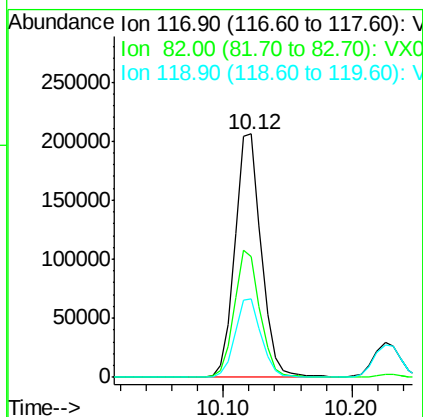
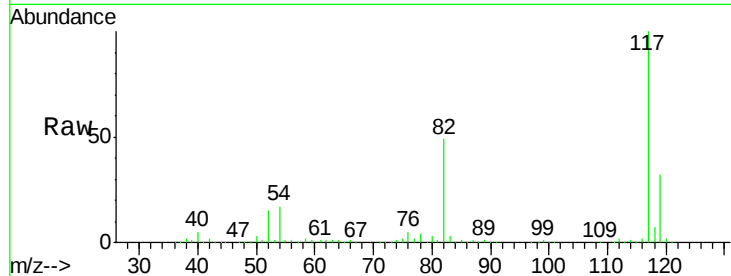




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

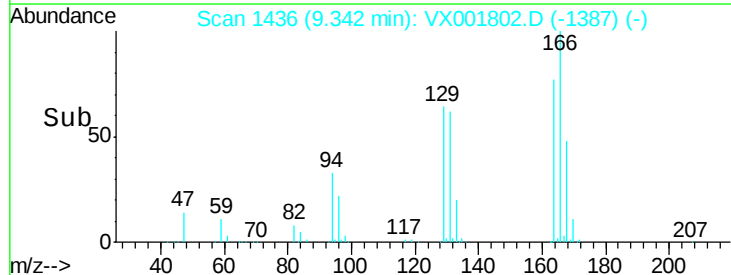
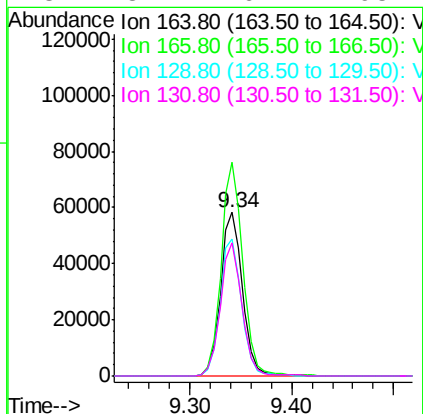
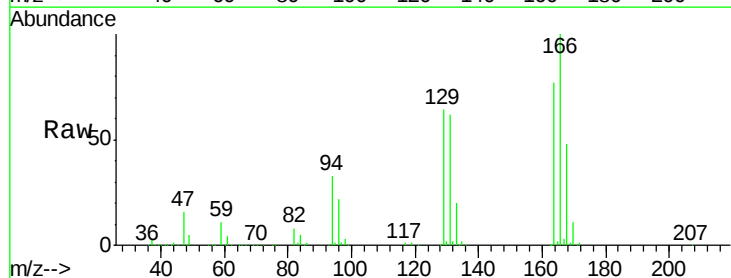
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

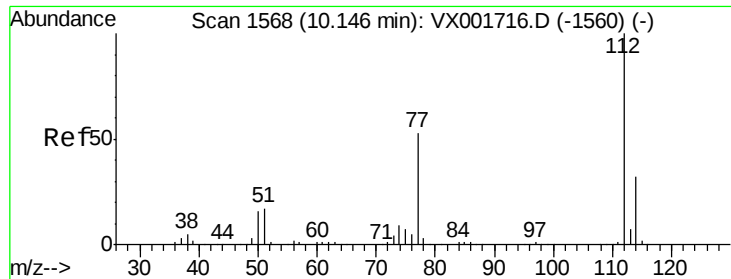
Tgt Ion:117 Resp: 293418
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.2
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 22.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:164 Resp: 86982
Ion Ratio Lower Upper
164 100
166 130.5 101.8 152.8
129 83.3 63.8 95.6
131 81.1 62.2 93.2

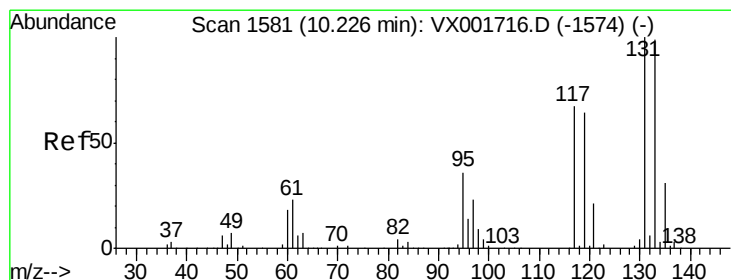
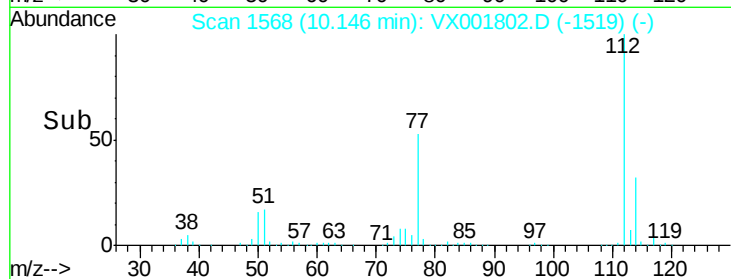
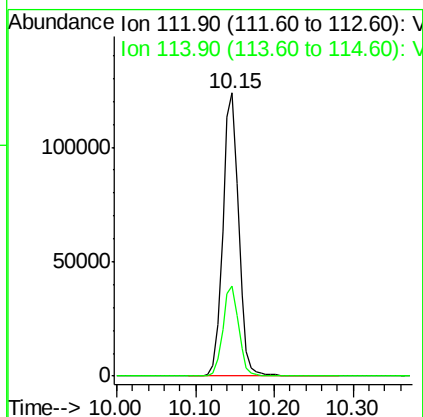
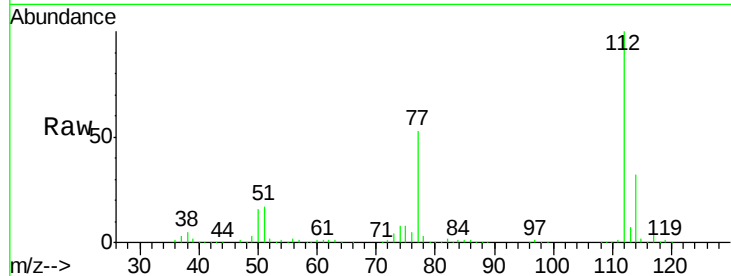




#65
Chlorobenzene
Concen: 21.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

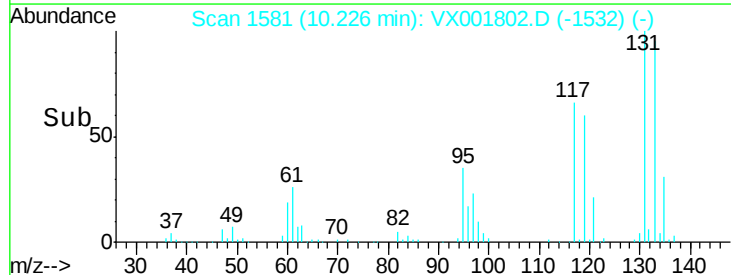
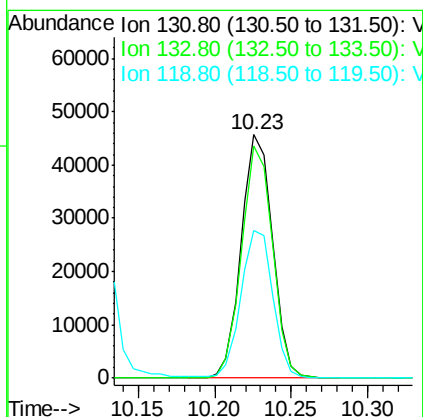
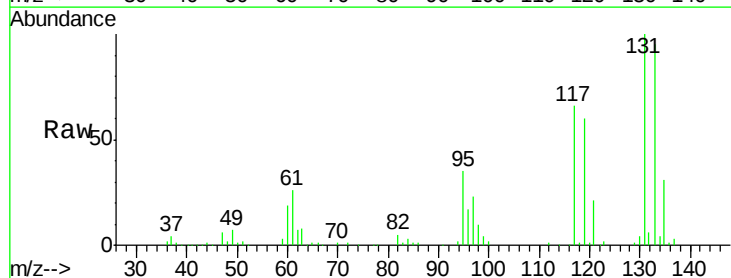
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

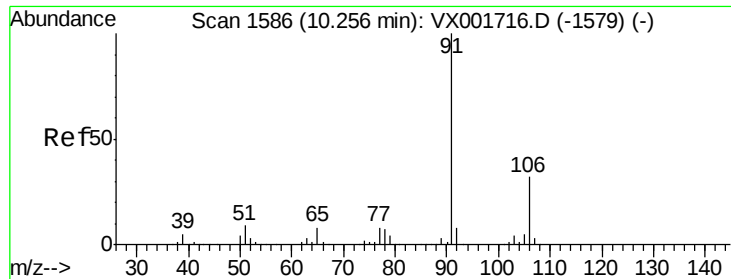
Tgt Ion:112 Resp: 172154
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:131 Resp: 64892
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.6
119 62.0 31.9 95.5

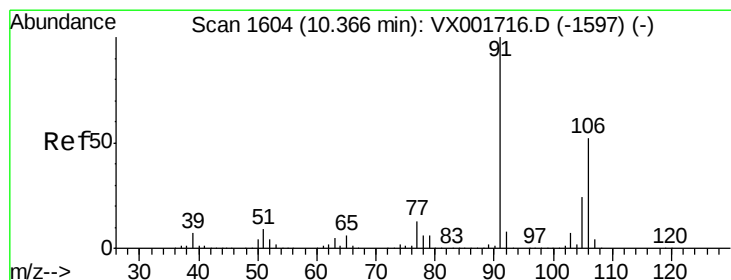
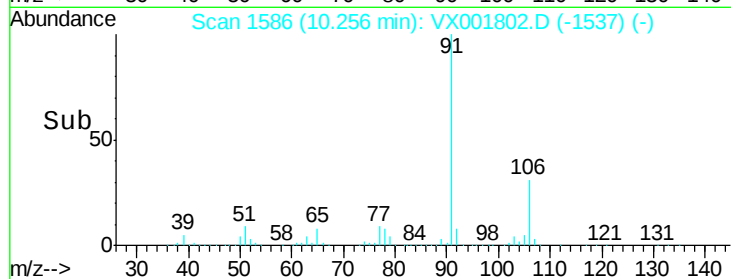
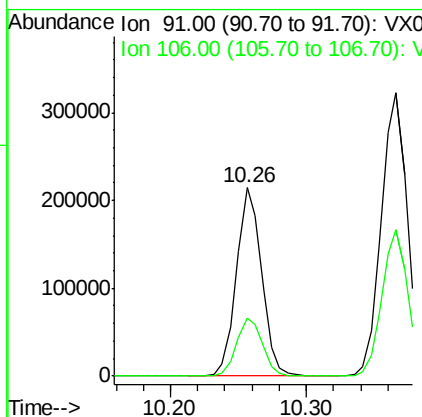
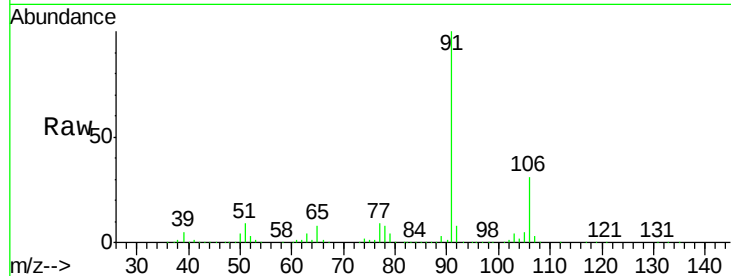




#67
Ethyl Benzene
Concen: 21.49 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

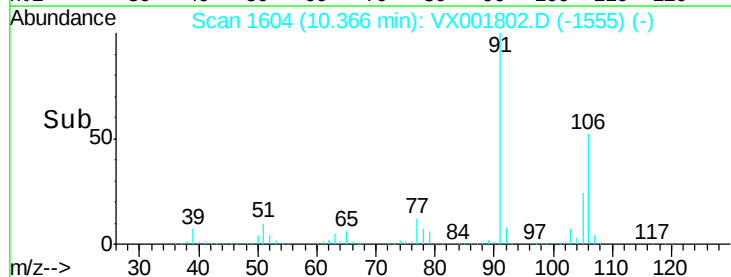
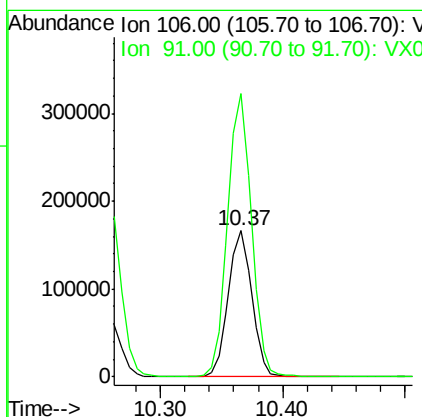
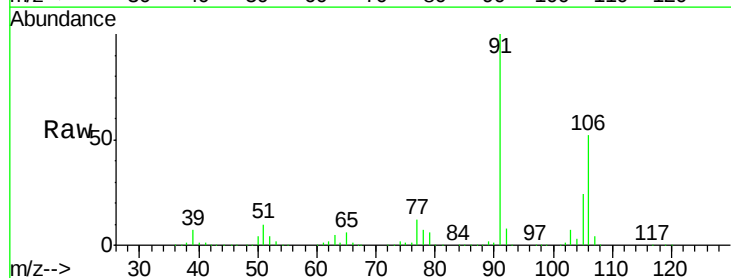
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

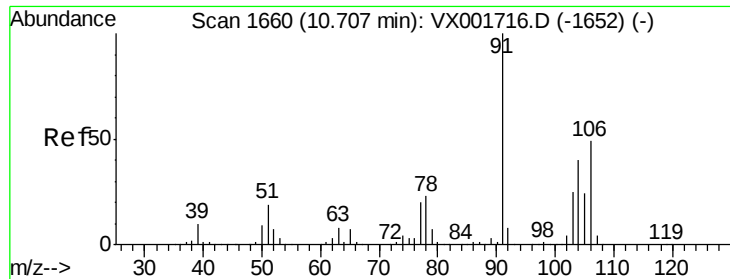
Tgt Ion: 91 Resp: 277129
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 43.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 106 Resp: 221589
Ion Ratio Lower Upper
106 100
91 196.8 155.4 233.2

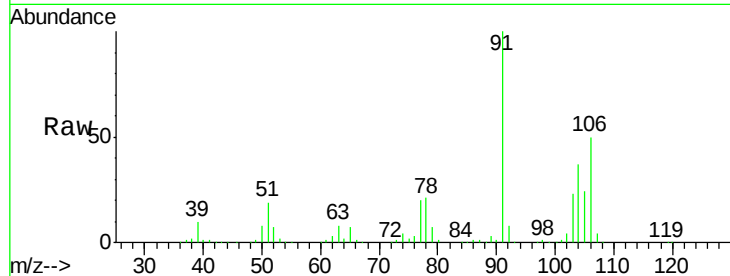




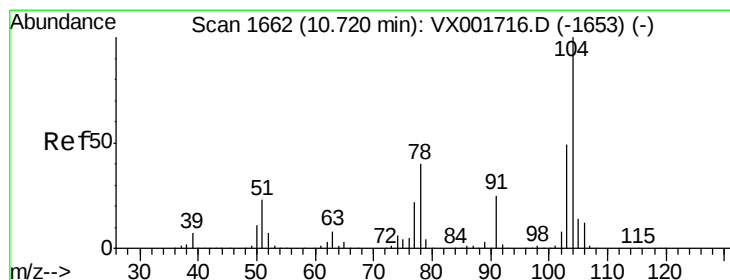
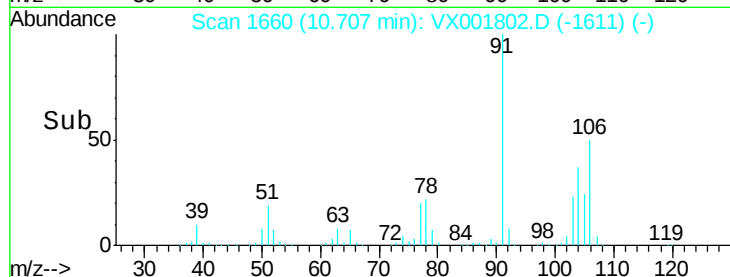
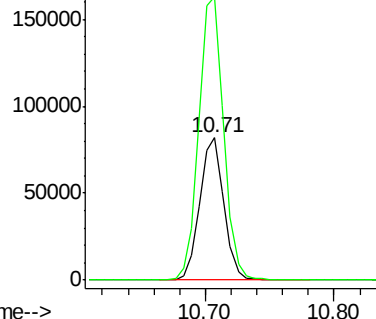
#69
o-Xylene
Concen: 22.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tgt Ion:106 Resp: 108025
Ion Ratio Lower Upper
106 100
91 204.9 103.4 310.2

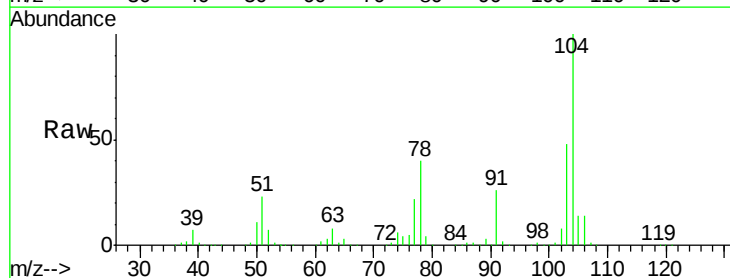


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

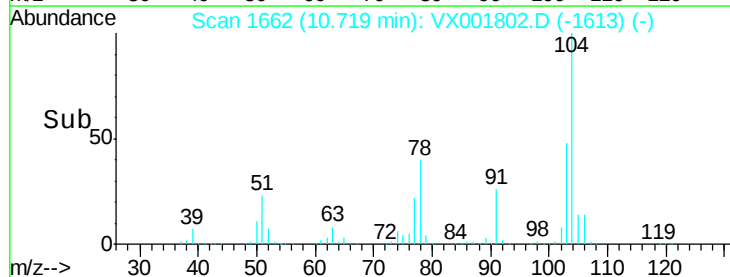
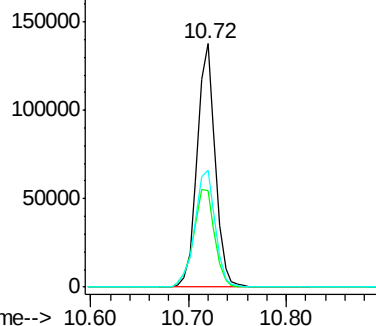


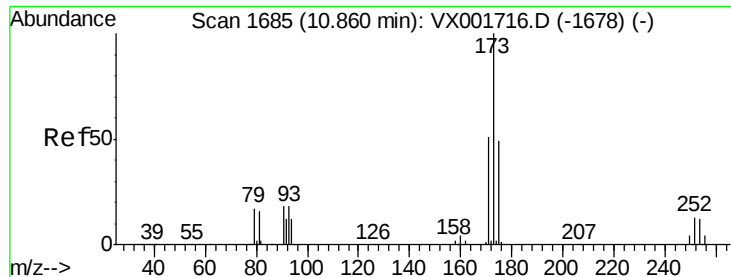
#70
Styrene
Concen: 22.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:104 Resp: 177051
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 54.2 43.7 65.5



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

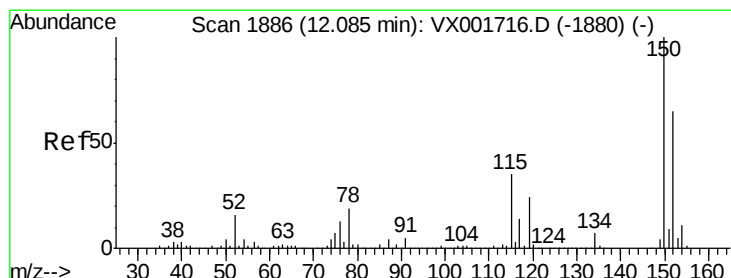
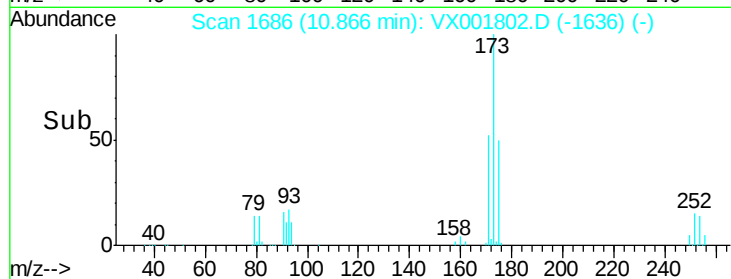
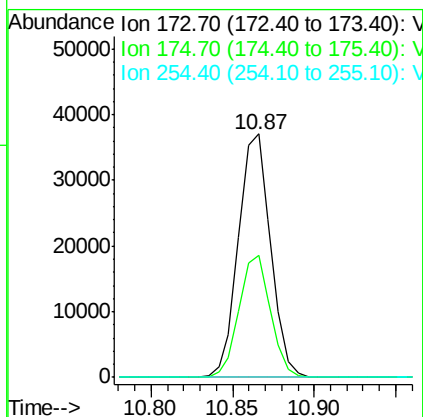
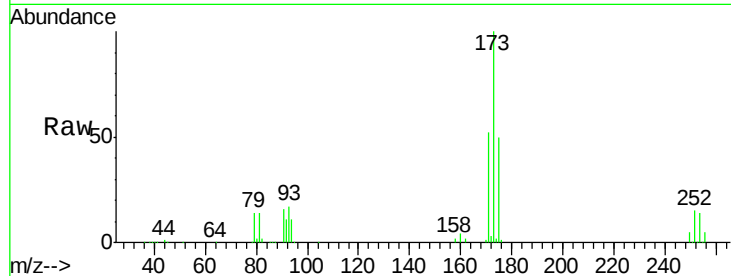




#71
Bromoform
Concen: 21.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

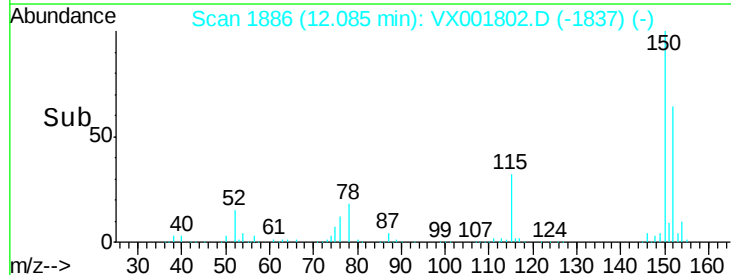
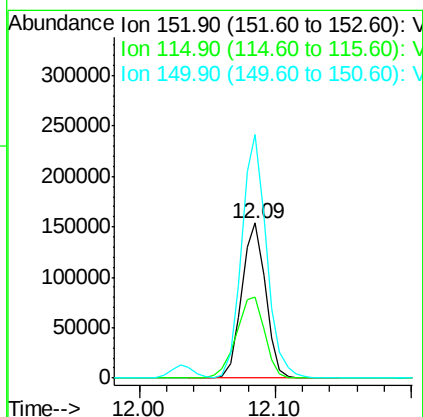
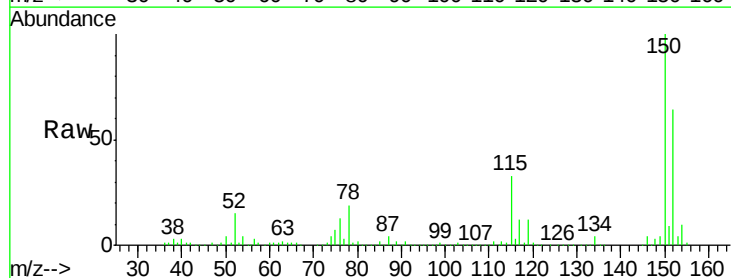
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

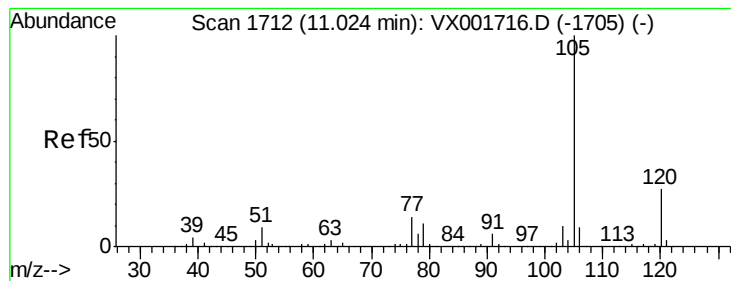
Tgt Ion:173 Resp: 50929
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:152 Resp: 187656
Ion Ratio Lower Upper
152 100
115 62.0 37.4 112.2
150 162.7 0.0 344.8





#73

Isopropylbenzene

Concen: 23.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

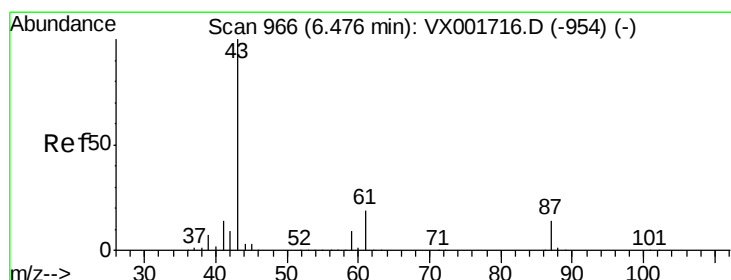
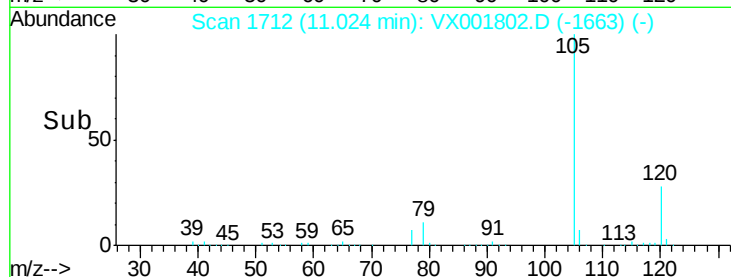
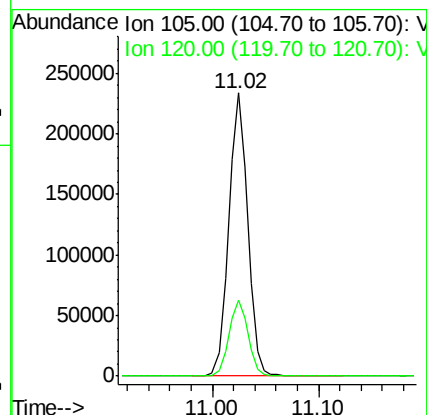
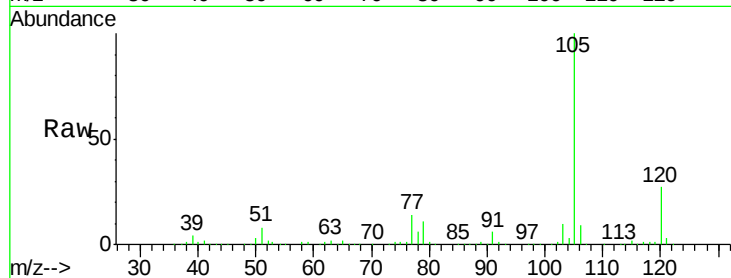
VX0517WBSD01

Tgt Ion:105 Resp: 291550

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.3



#74

N-ethyl acetate

Concen: 24.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion: 43 Resp: 145027

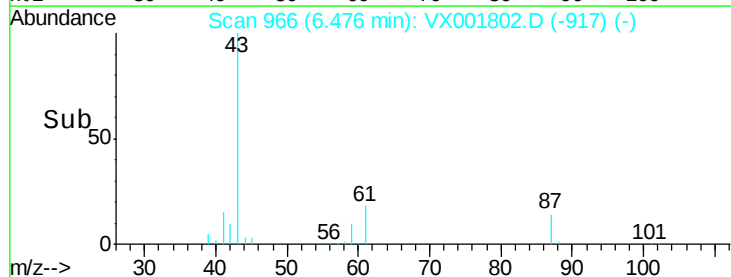
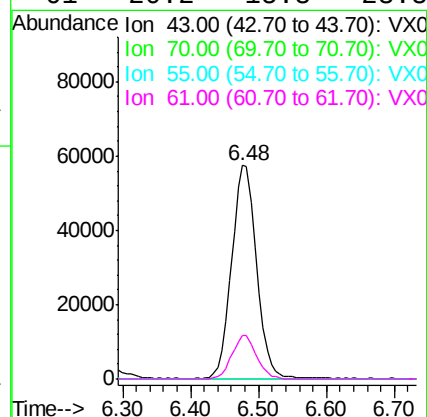
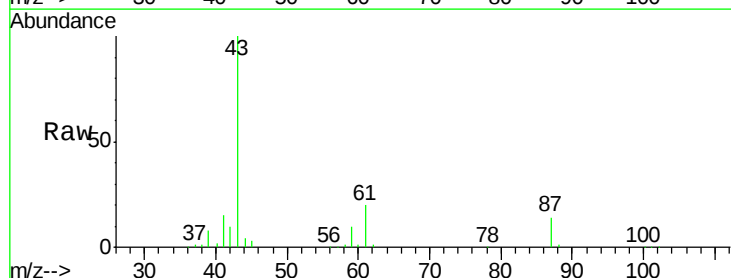
Ion Ratio Lower Upper

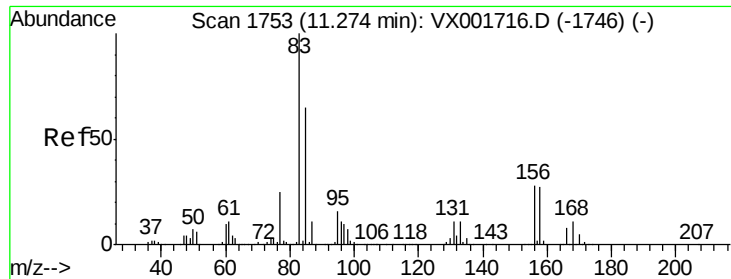
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.2 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

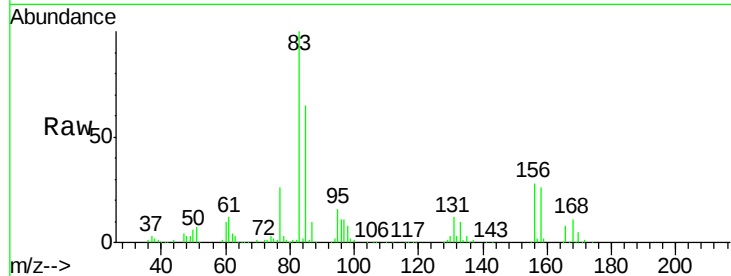
Tgt Ion: 83 Resp: 88201

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

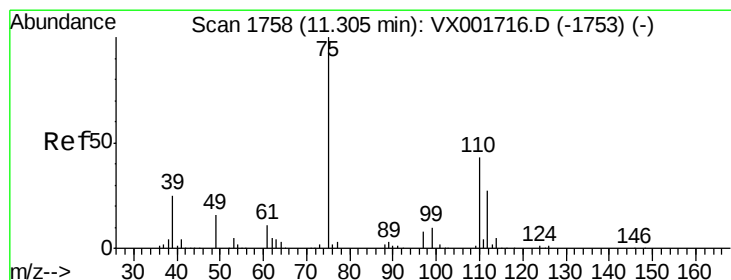
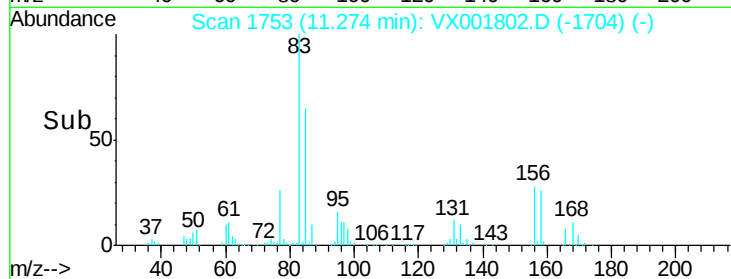
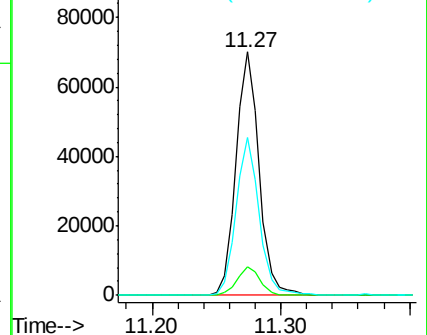
85 64.8 32.7 98.1



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: 28.78 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001802.D

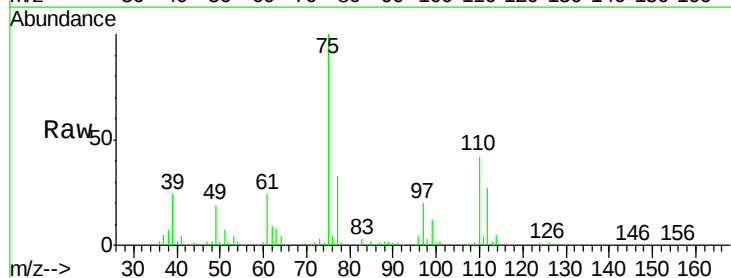
Acq: 17 May 2018 20:27

Tgt Ion: 75 Resp: 102685

Ion Ratio Lower Upper

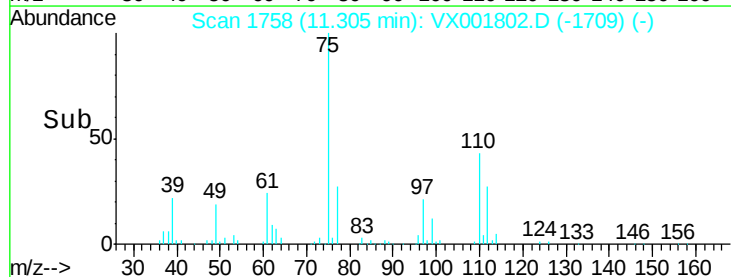
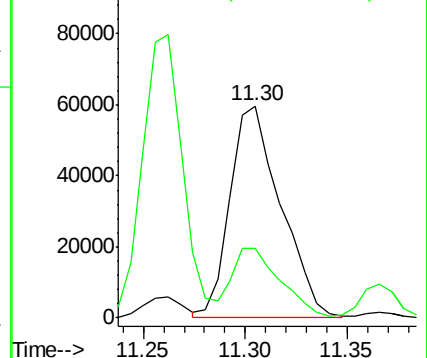
75 100

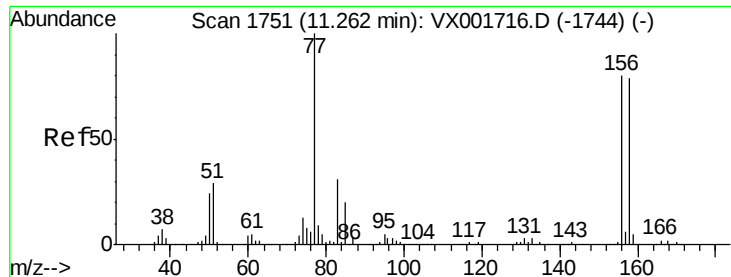
77 31.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.92 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

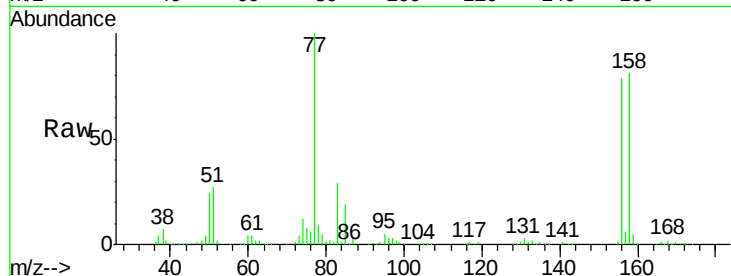
Tgt Ion:156 Resp: 83220

Ion Ratio Lower Upper

156 100

77 131.6 65.3 196.0

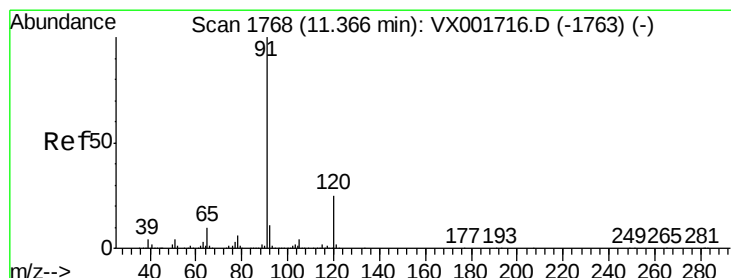
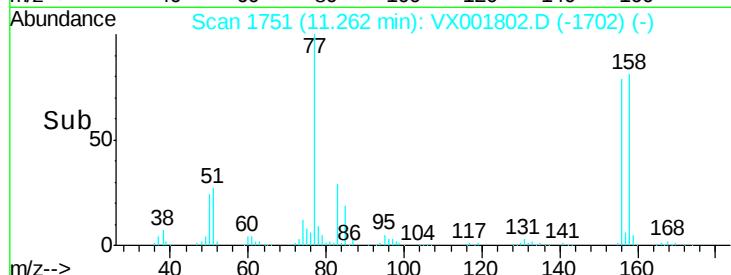
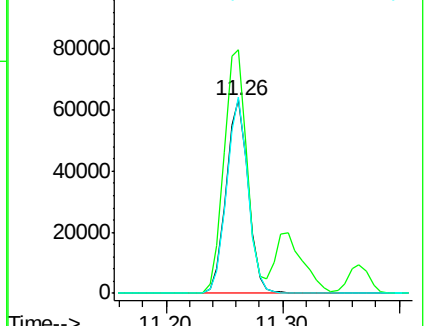
158 98.2 49.1 147.3



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: 22.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001802.D

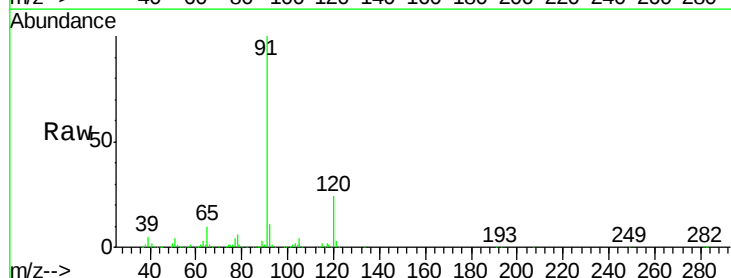
Acq: 17 May 2018 20:27

Tgt Ion: 91 Resp: 313990

Ion Ratio Lower Upper

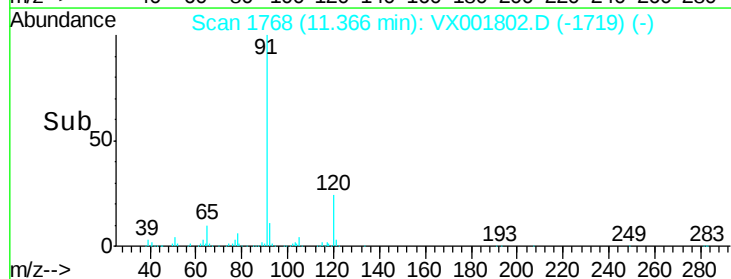
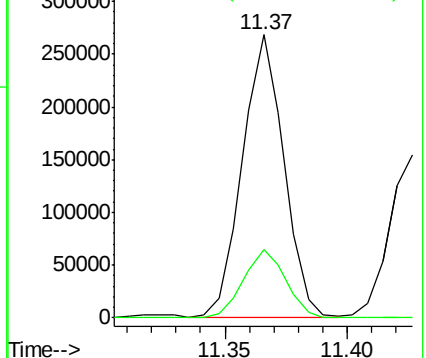
91 100

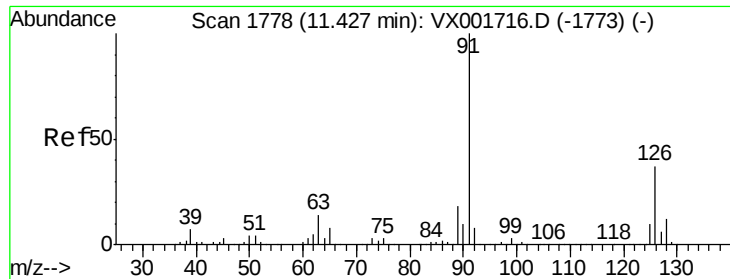
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

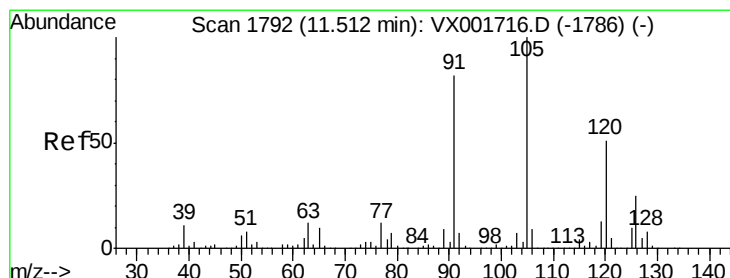
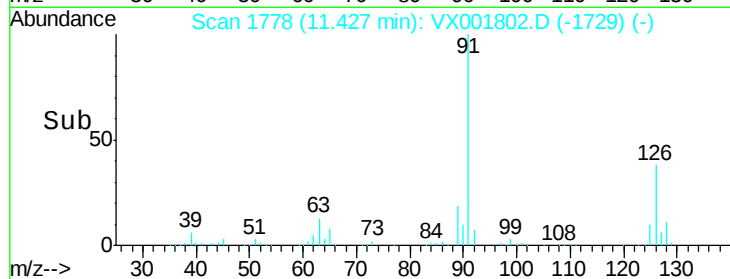
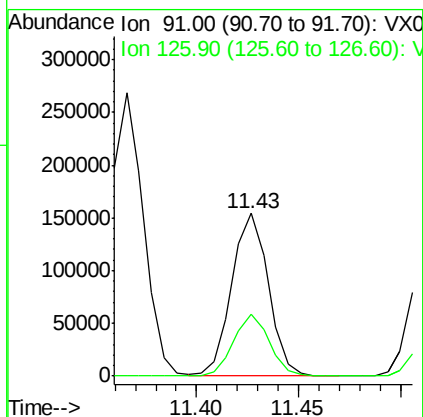
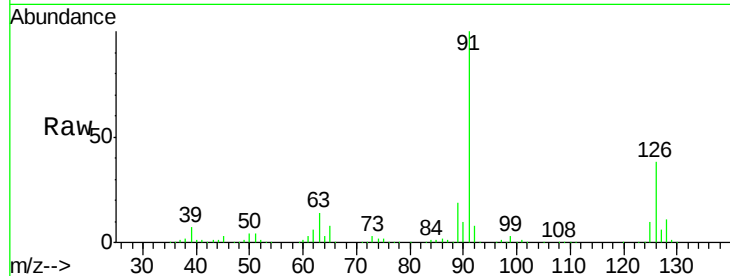




#79
 2-Chlorotoluene
 Concen: 22.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

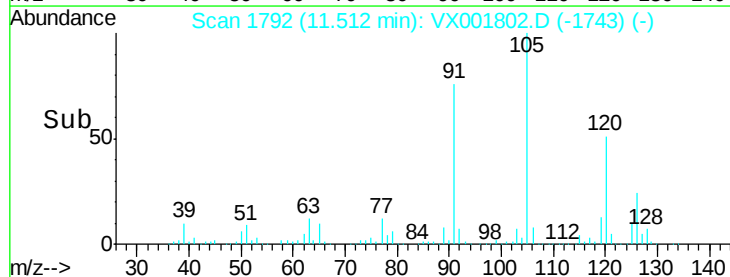
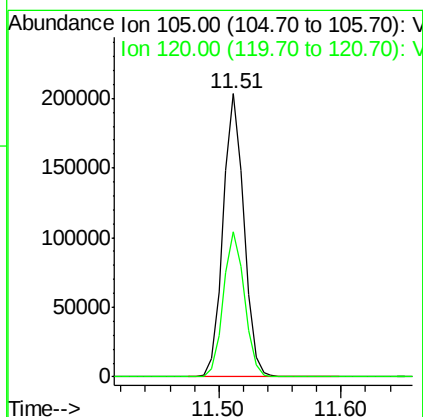
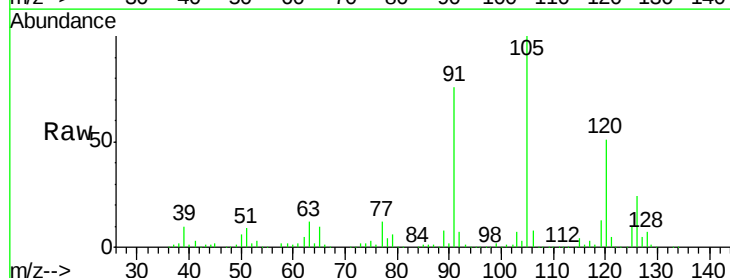
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

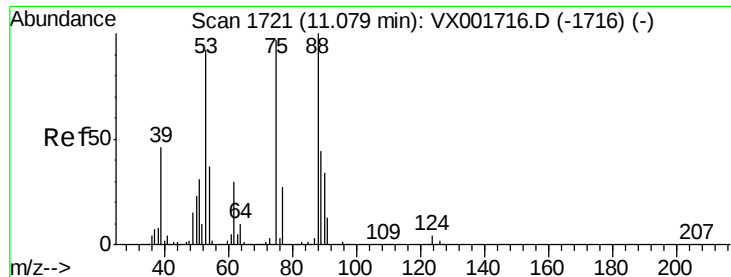
Tgt Ion: 91 Resp: 190478
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 23.64 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 105 Resp: 239704
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

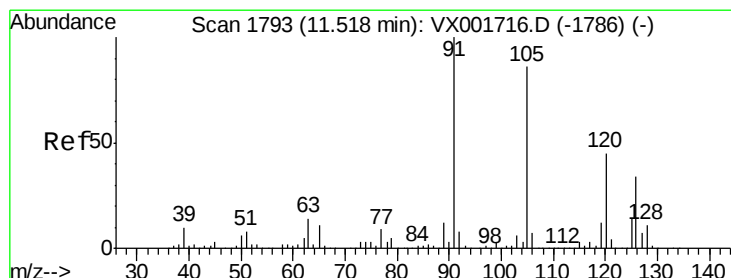
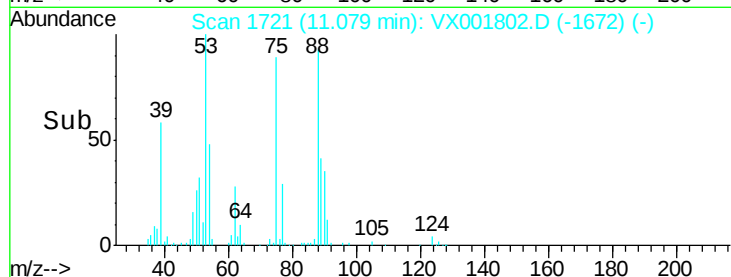
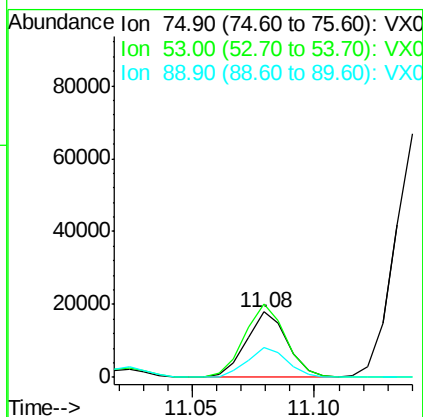
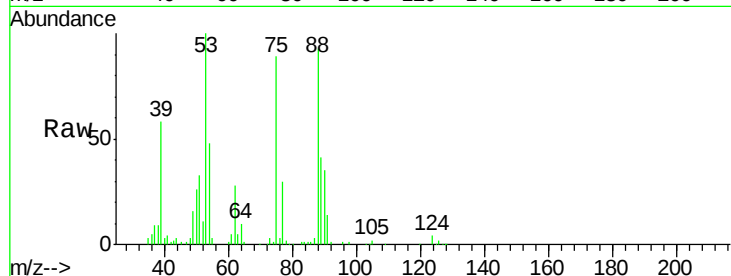
Tgt Ion: 75 Resp: 20870

Ion Ratio Lower Upper

75 100

53 114.0 79.4 119.2

89 46.3 38.8 58.2



#82

4-Chlorotoluene

Concen: 22.07 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001802.D

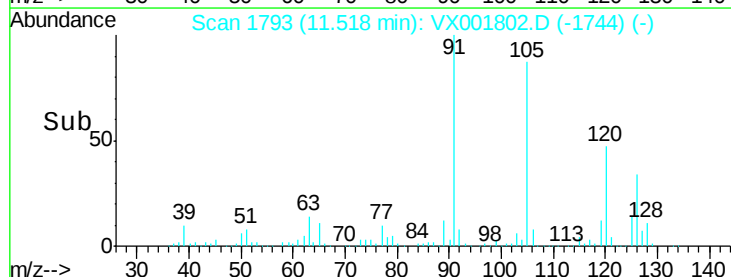
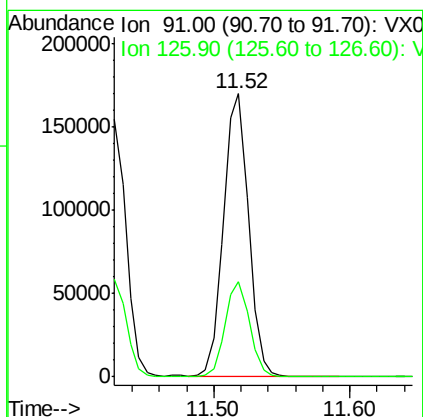
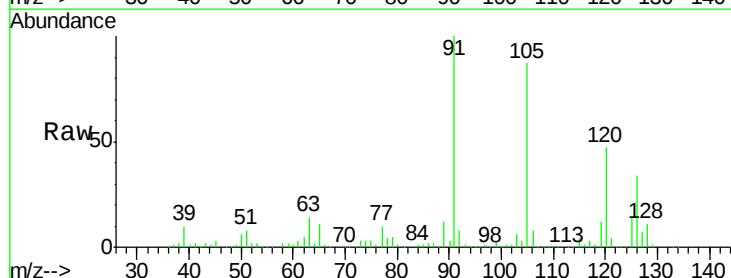
Acq: 17 May 2018 20:27

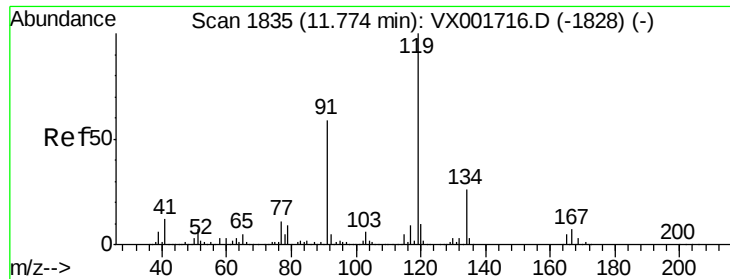
Tgt Ion: 91 Resp: 216513

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1

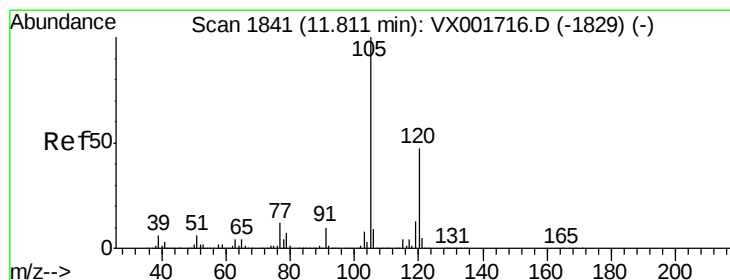
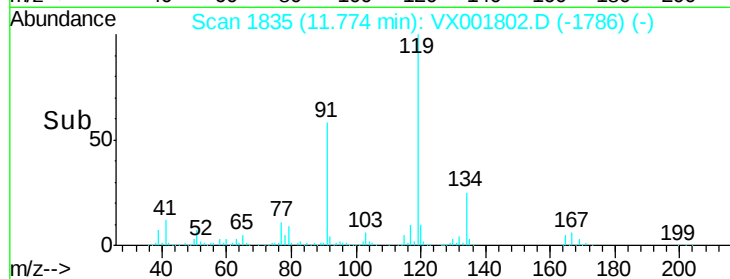
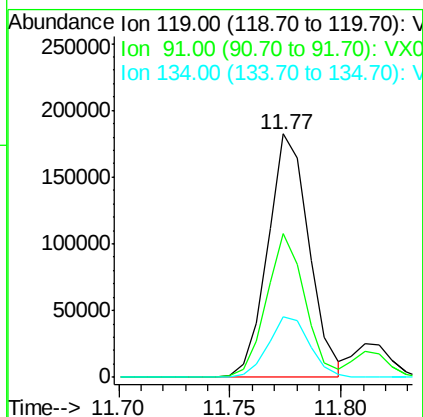
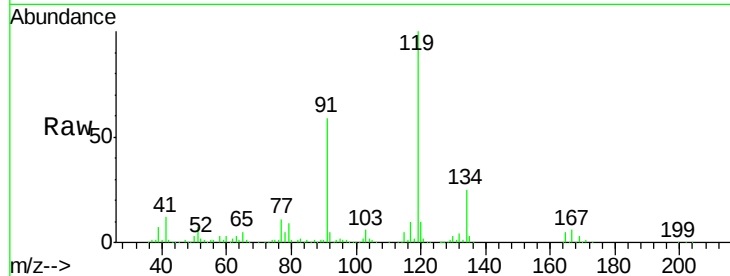




#83
 tert-Butylbenzene
 Concen: 23.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

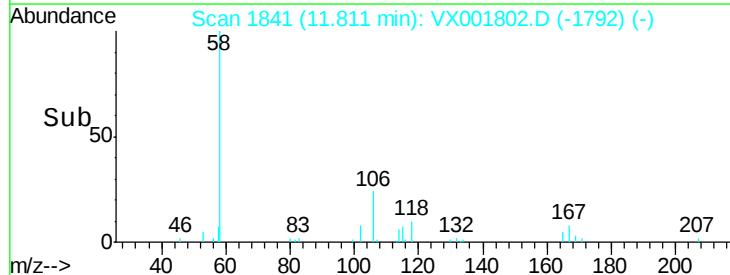
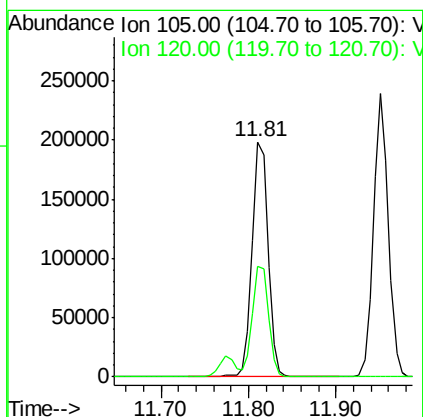
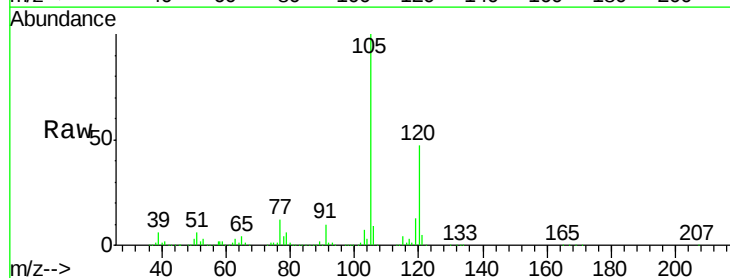
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

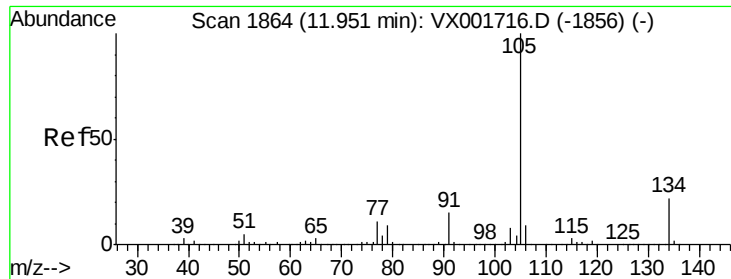
Tgt Ion:119 Resp: 233790
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.7 83.0
 134 25.1 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.67 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:105 Resp: 248559
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.5

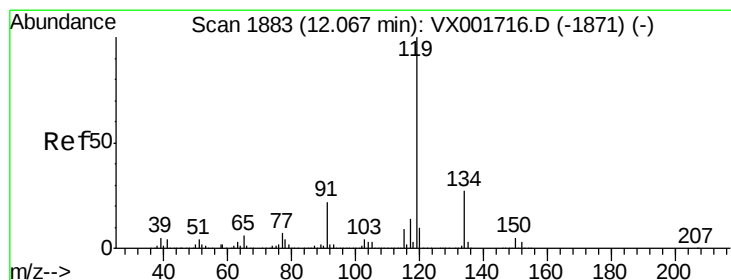
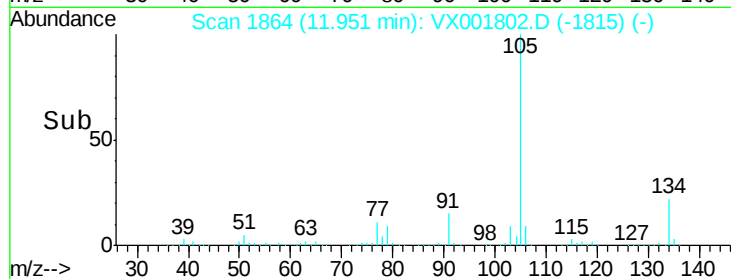
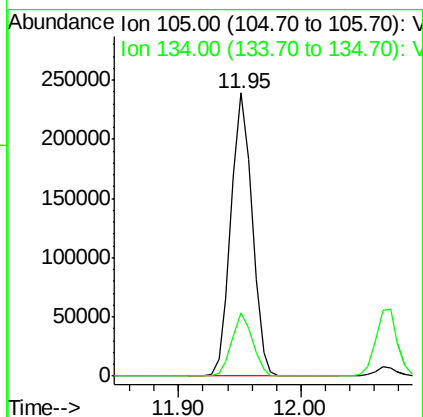
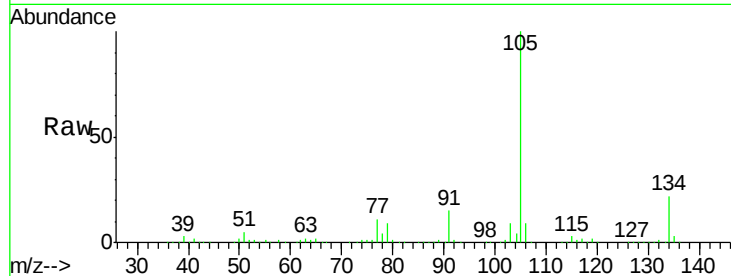




#85
 sec-Butylbenzene
 Concen: 22.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

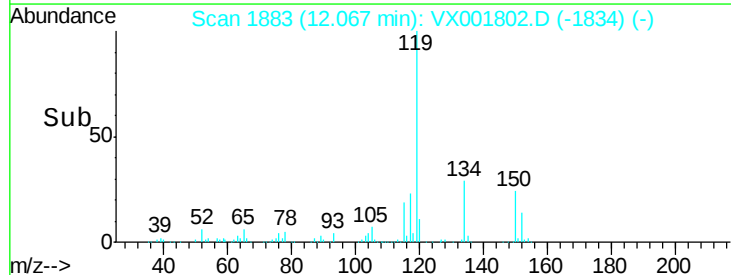
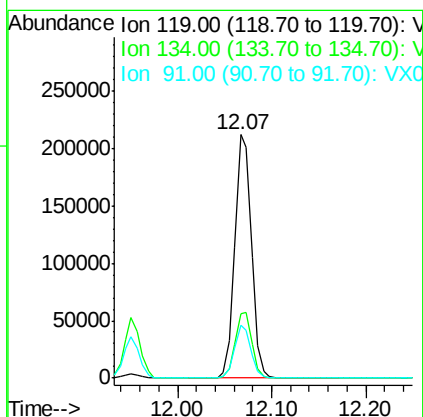
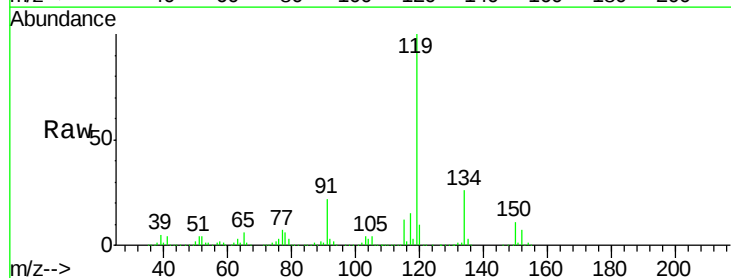
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0517WBSD01

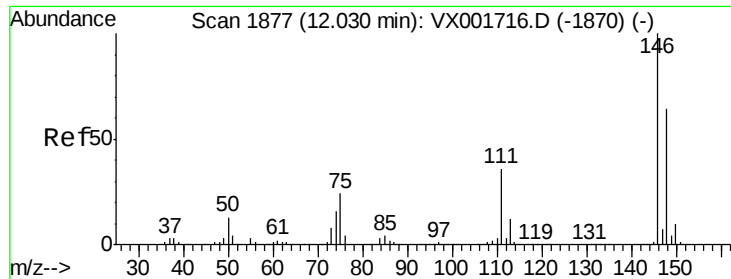
Tgt Ion:105 Resp: 285226
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 22.51 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:119 Resp: 259356
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.3 10.7 32.1

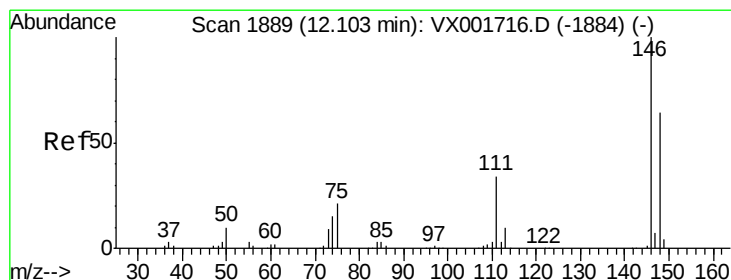
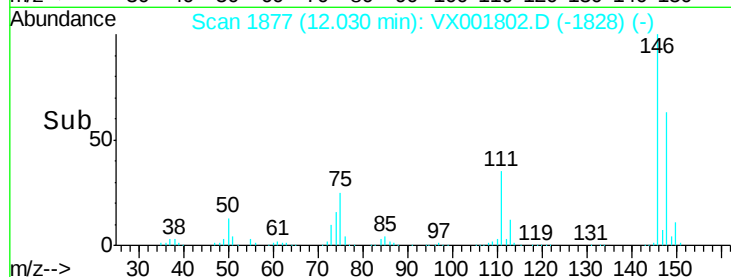
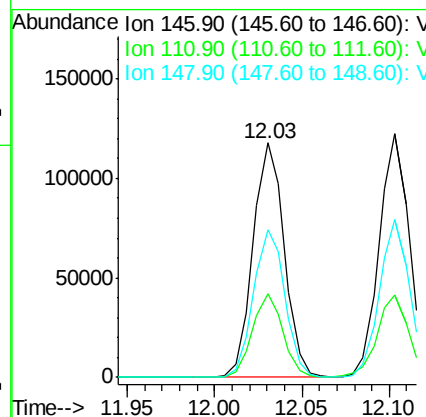
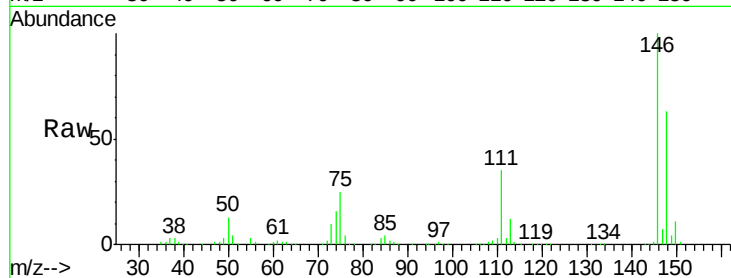




#87
 1,3-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

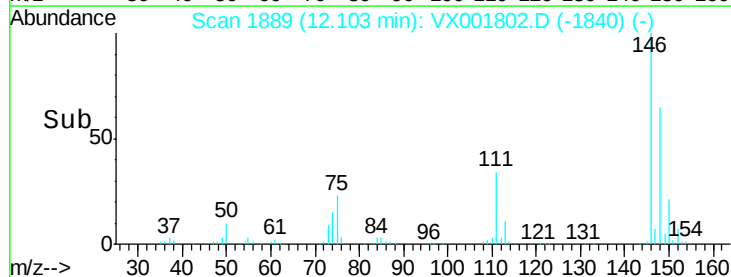
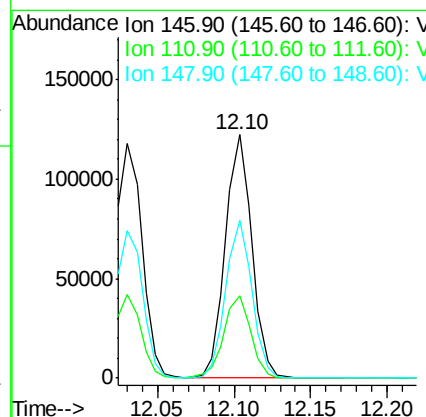
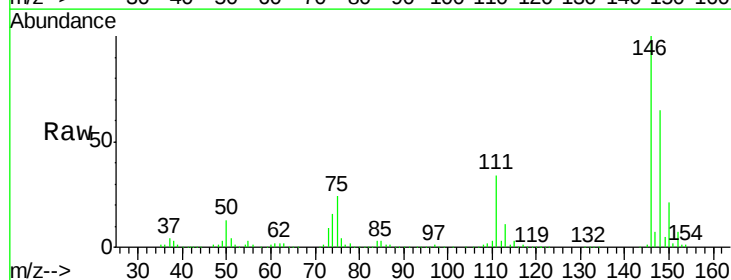
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tgt Ion:146 Resp: 146168
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.8 53.4
 148 63.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:146 Resp: 146939
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.3 52.0
 148 64.5 32.3 96.9

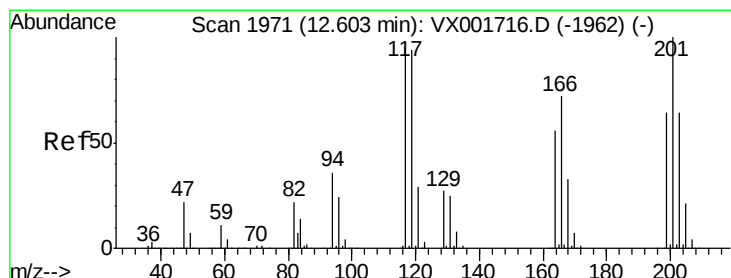
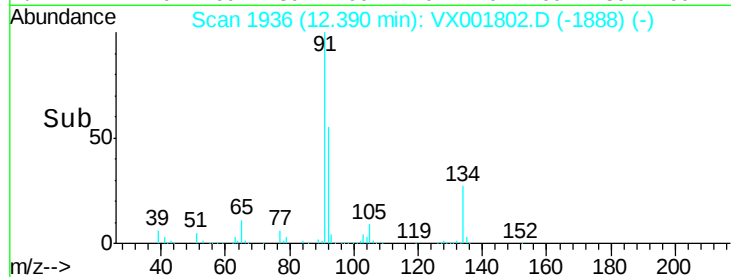
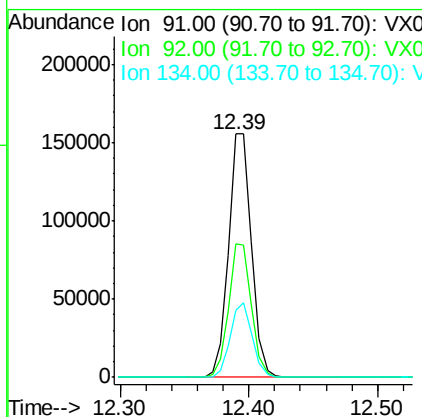
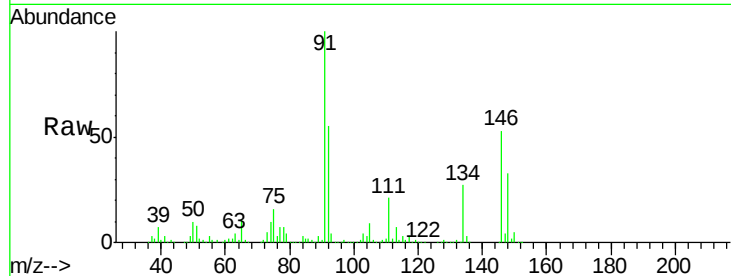




#89
n-Butylbenzene
Concen: 19.57 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

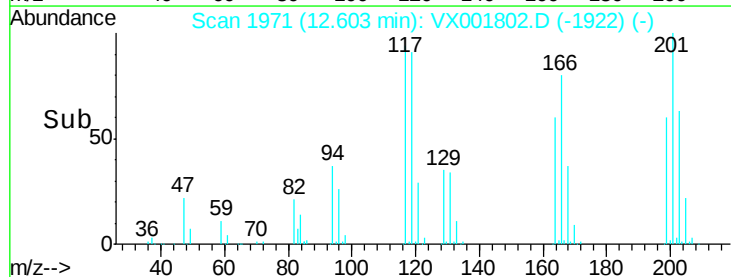
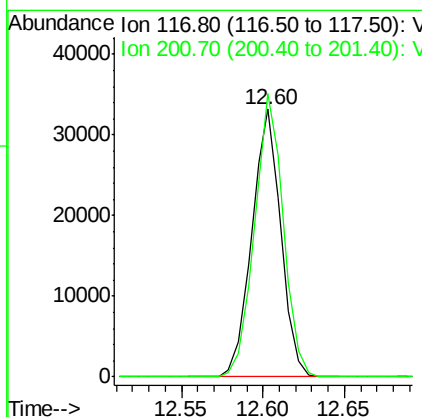
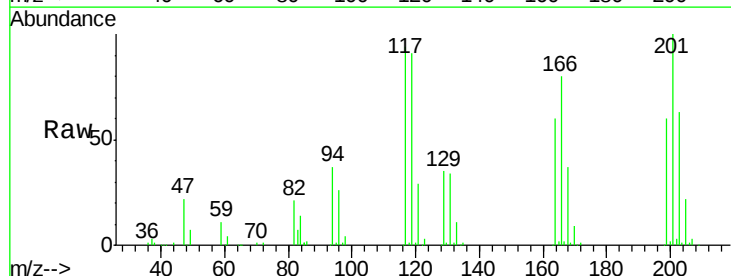
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

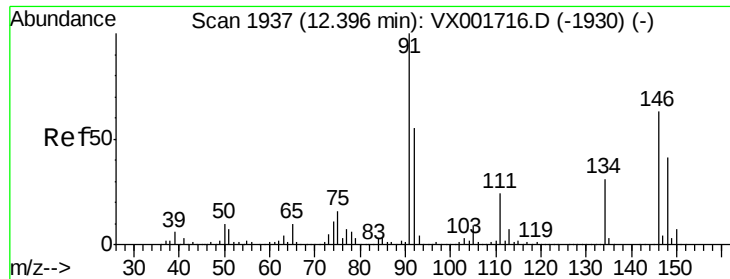
Tgt Ion: 91 Resp: 195106
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 29.2 14.7 44.1



#90
Hexachloroethane
Concen: 22.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 117 Resp: 40842
Ion Ratio Lower Upper
117 100
201 104.9 51.9 155.7

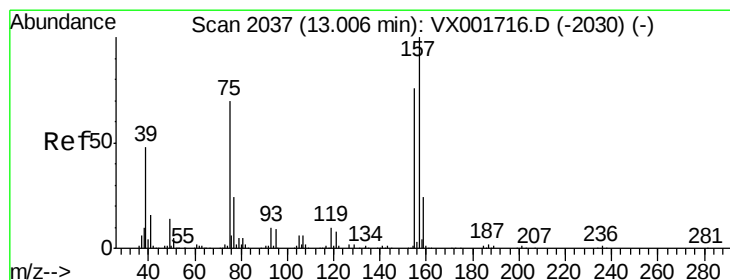
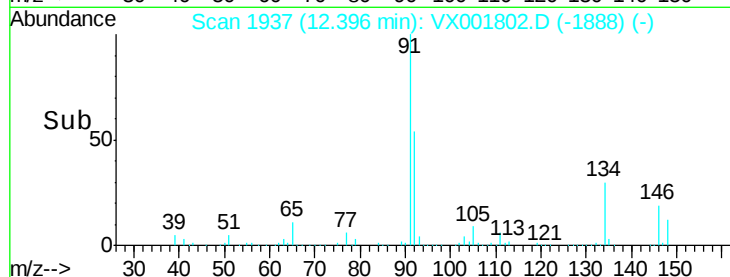
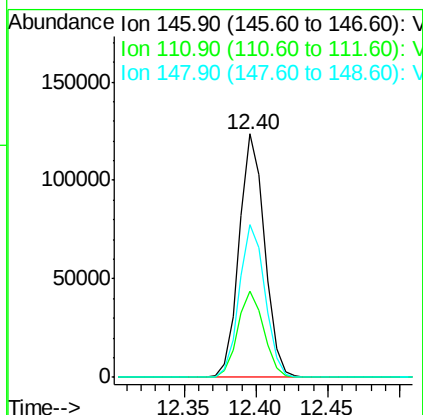
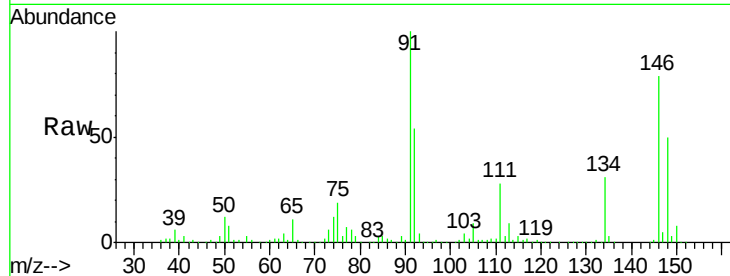




#91
 1,2-Dichlorobenzene
 Concen: 22.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

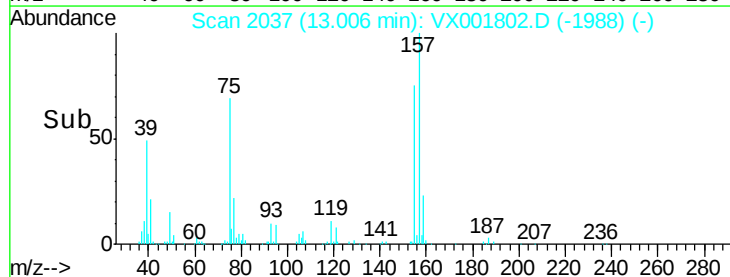
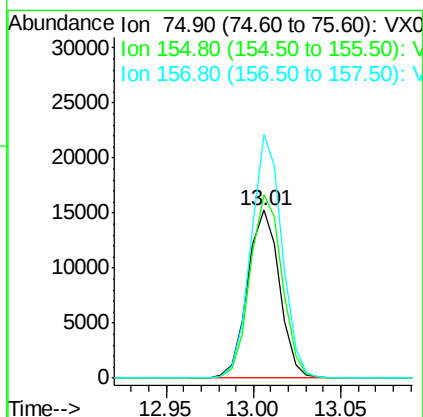
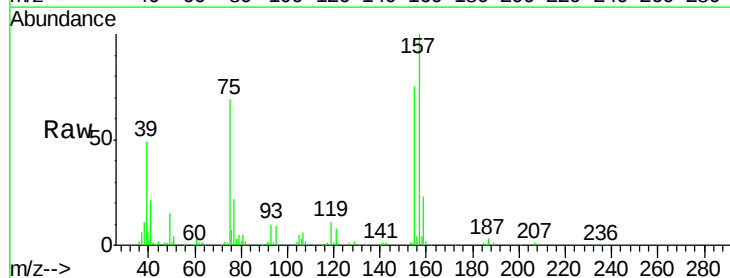
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tgt Ion:146 Resp: 151449
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.6 56.0
 148 63.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 75 Resp: 19373
 Ion Ratio Lower Upper
 75 100
 155 109.2 53.9 161.8
 157 140.7 71.0 213.2

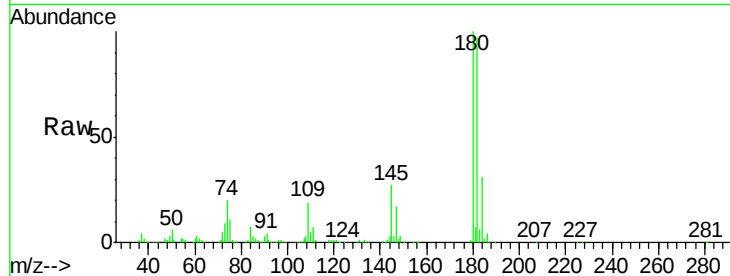




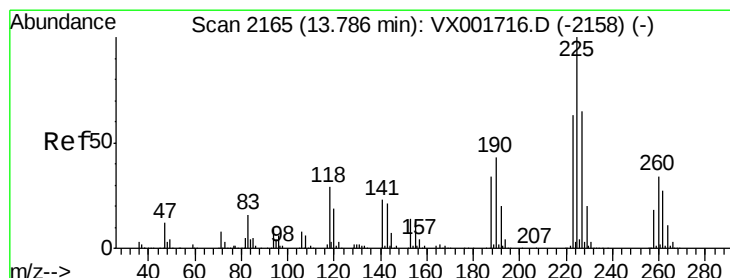
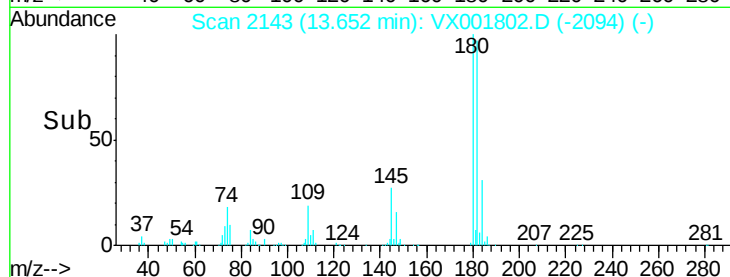
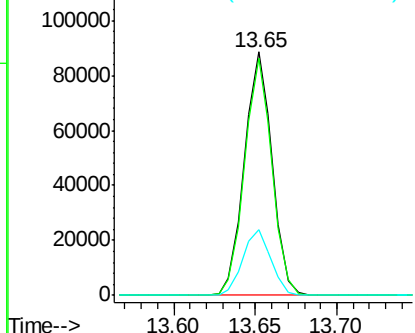
#93
 1,2,4-Trichlorobenzene
 Concen: 19.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tgt Ion:180 Resp: 104864
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.9
 145 27.4 13.4 40.1

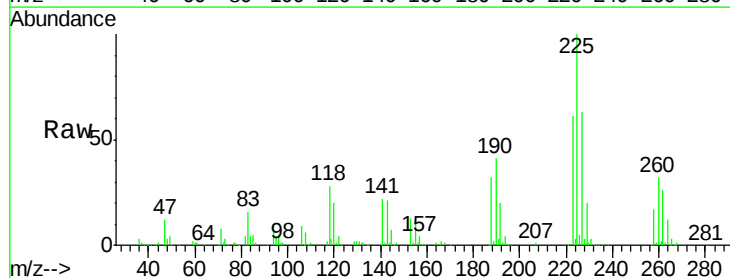


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

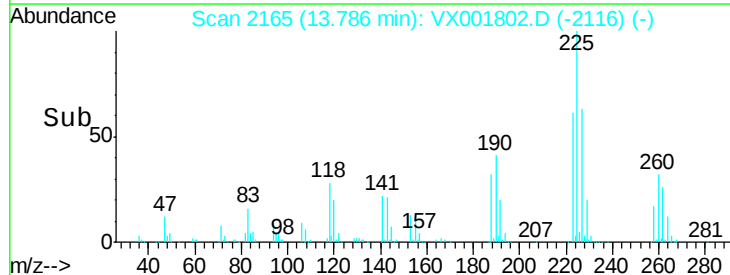
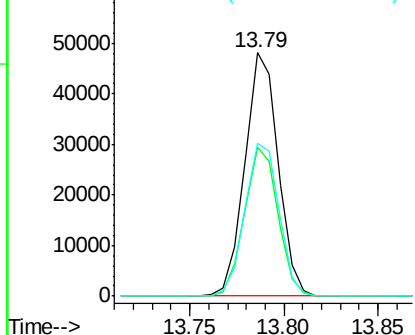


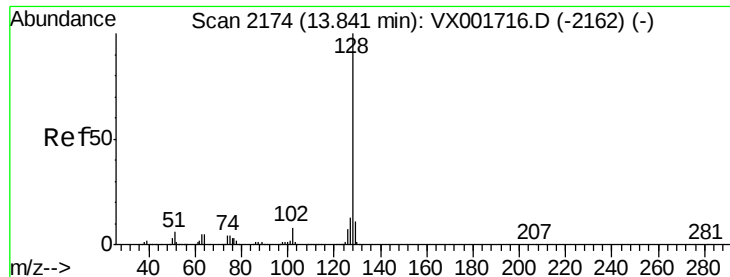
#94
 Hexachlorobutadiene
 Concen: 20.53 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:225 Resp: 58790
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.5
 227 64.4 31.9 95.5



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

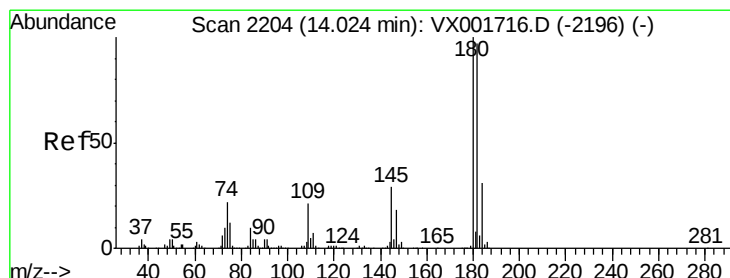
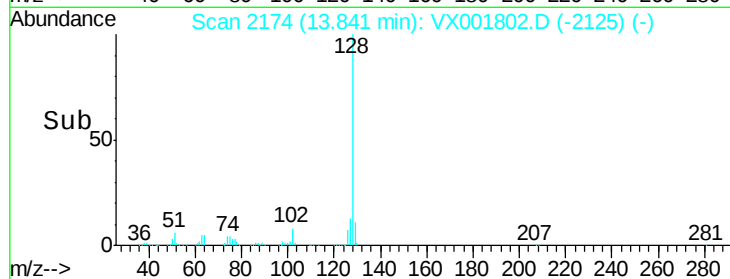
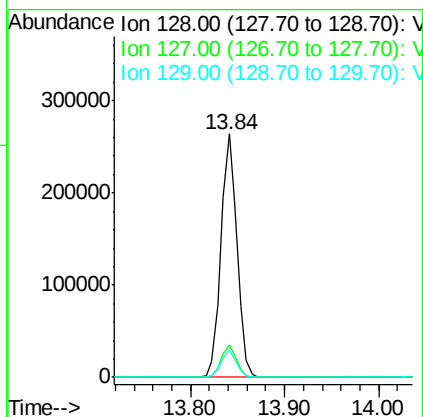
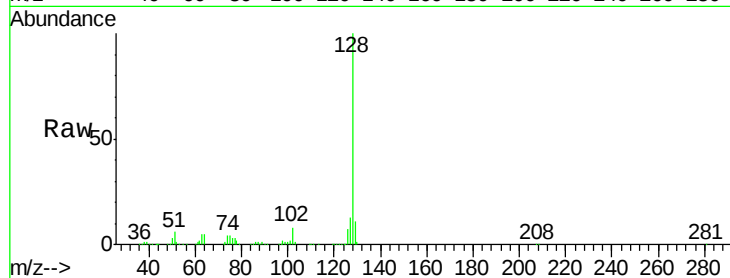




#95
Naphthalene
Concen: 22.42 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tgt Ion:128 Resp: 310843
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.93 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:180 Resp: 112433
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.7
145 28.6 14.2 42.8

