

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001765.D
 Acq On : 16 May 2018 15:33
 Operator : JC/MD
 Sample : VX0516WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

Quant Time: May 17 02:55:16 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	312920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	222793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	202093	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.51	113	172581	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.72	98	647380	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.14	95	207004	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61655	19.63	ug/l	99
3) Chloromethane	1.32	50	69610	20.52	ug/l	99
4) Vinyl Chloride	1.40	62	73052	19.92	ug/l	100
5) Bromomethane	1.64	94	39811	24.15	ug/l	95
6) Chloroethane	1.72	64	48026	20.79	ug/l	98
7) Trichlorofluoromethane	1.93	101	108160	20.30	ug/l	99
8) Diethyl Ether	2.19	74	43794	19.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66901	20.85	ug/l	98
10) Methyl Iodide	2.51	142	70051	23.73	ug/l	99
11) Tert butyl alcohol	3.07	59	81161	108.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60034	19.41	ug/l	100
13) Acrolein	2.29	56	50290	95.22	ug/l	100
14) Allyl chloride	2.73	41	113519	19.86	ug/l	98
15) Acrylonitrile	3.15	53	189912	101.54	ug/l	99
16) Acetone	2.45	43	162956	98.92	ug/l	100
17) Carbon Disulfide	2.57	76	144482	17.91	ug/l	100
18) Methyl Acetate	2.78	43	103644	21.52	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	207390	19.89	ug/l	99
20) Methylene Chloride	2.86	84	69992	19.85	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	64837	19.03	ug/l	99
22) Diisopropyl ether	3.88	45	210443	19.19	ug/l	98
23) Vinyl Acetate	3.83	43	723750	91.59	ug/l	100
24) 1,1-Dichloroethane	3.70	63	121699	20.23	ug/l	99
25) 2-Butanone	4.71	43	257372	102.04	ug/l	97
26) 2,2-Dichloropropane	4.59	77	88970	18.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	74709	19.27	ug/l	99
28) Bromochloromethane	5.03	49	55627	20.82	ug/l	99
29) Tetrahydrofuran	5.17	42	164308	99.94	ug/l	100
30) Chloroform	5.22	83	126745	20.06	ug/l	99
31) Cyclohexane	5.58	56	107534	20.40	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	109709	20.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90682	19.79	ug/l	99
37) Ethyl Acetate	4.87	43	98170	20.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	98988	20.62	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001765.D
 Acq On : 16 May 2018 15:33
 Operator : JC/MD
 Sample : VX0516WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

Quant Time: May 17 02:55:16 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	7.46	83	111091	20.75	ug/l	98
40) Benzene	6.15	78	281962	20.89	ug/l	99
41) Methacrylonitrile	5.07	41	56014	20.29	ug/l	99
42) 1,2-Dichloroethane	6.20	62	100637	20.61	ug/l	100
43) Isopropyl Acetate	6.48	43	146261	19.57	ug/l	99
44) Trichloroethene	7.21	130	85558	20.42	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70854	21.39	ug/l	97
46) Dibromomethane	7.67	93	48228	20.74	ug/l	99
47) Bromodichloromethane	7.90	83	89709	20.79	ug/l	99
48) Methyl methacrylate	7.78	41	78891	20.06	ug/l	99
49) 1,4-Dioxane	7.76	88	36098	476.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	509891	107.67	ug/l	99
52) Toluene	8.79	92	185291	21.36	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	102552	20.19	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	90487	20.21	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	72657	21.91	ug/l	98
56) Ethyl methacrylate	9.19	69	97102	20.65	ug/l	98
57) 1,3-Dichloropropane	9.38	76	110479	19.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	251480	103.98	ug/l	99
59) 2-Hexanone	9.50	43	350076	103.26	ug/l	99
60) Dibromochloromethane	9.59	129	68140	20.07	ug/l	99
61) 1,2-Dibromoethane	9.68	107	69653	20.07	ug/l	99
64) Tetrachloroethene	9.34	164	94440	21.39	ug/l	99
65) Chlorobenzene	10.14	112	191143	20.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68955	20.93	ug/l	98
67) Ethyl Benzene	10.26	91	306927	20.59	ug/l	99
68) m/p-Xylenes	10.37	106	248913	42.32	ug/l	99
69) o-Xylene	10.70	106	118772	21.09	ug/l	100
70) Styrene	10.72	104	194581	20.94	ug/l	100
71) Bromoform	10.86	173	53453	19.34	ug/l	98
73) Isopropylbenzene	11.02	105	322004	21.95	ug/l	100
74) N-amyl acetate	6.48	43	146261	20.79	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92630	21.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107035	25.26	ug/l	92
77) Bromobenzene	11.26	156	91577	21.24	ug/l	98
78) n-propylbenzene	11.37	91	358032	21.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	215176	21.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	270818	22.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22629	18.17	ug/l	91
82) 4-Chlorotoluene	11.52	91	246492	21.16	ug/l	100
83) tert-Butylbenzene	11.77	119	259657	21.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	277294	22.25	ug/l	100
85) sec-Butylbenzene	11.95	105	324065	21.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	297508	21.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	164318	20.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	165651	20.09	ug/l	99
89) n-Butylbenzene	12.40	91	233184	19.71	ug/l	100
90) Hexachloroethane	12.60	117	44456	20.92	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	166768	20.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19145	20.38	ug/l	98

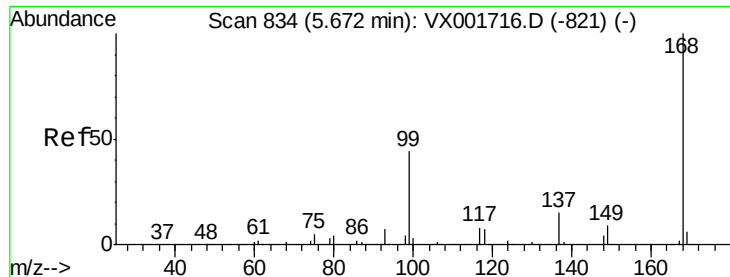
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
Data File : VX001765.D
Acq On : 16 May 2018 15:33
Operator : JC/MD
Sample : VX0516WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

Quant Time: May 17 02:55:16 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	121154	19.13	ug/l	100
94) Hexachlorobutadiene	13.79	225	67666	19.90	ug/l	99
95) Naphthalene	13.84	128	330598	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	127231	19.95	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

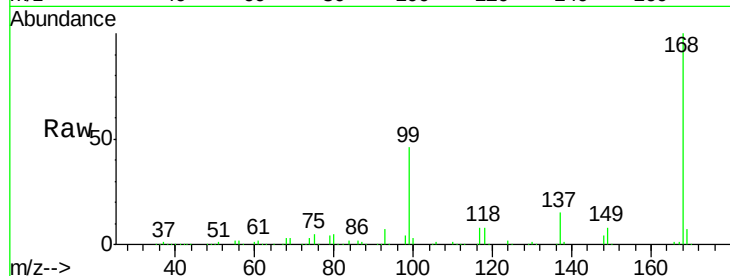
VX0516WBS01

Tgt Ion: 168 Resp: 312920

Ion Ratio Lower Upper

168 100

99 45.8 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

120000

100000

80000

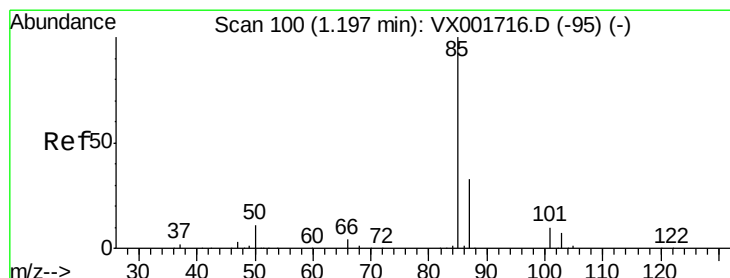
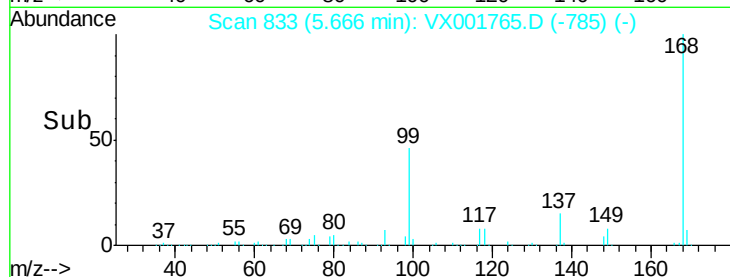
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001765.D

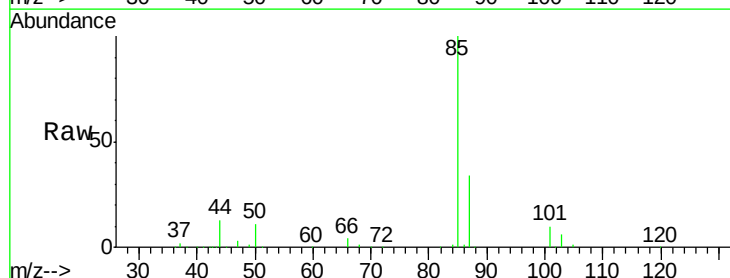
Acq: 16 May 2018 15:33

Tgt Ion: 85 Resp: 61655

Ion Ratio Lower Upper

85 100

87 33.6 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

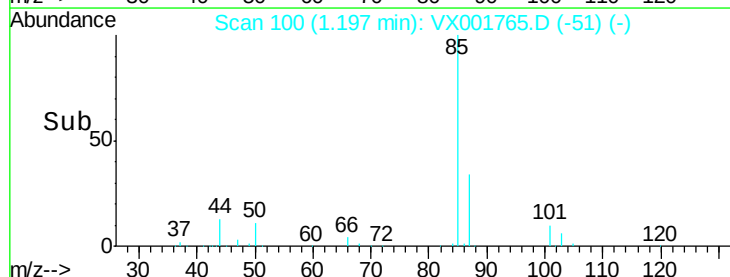
60000

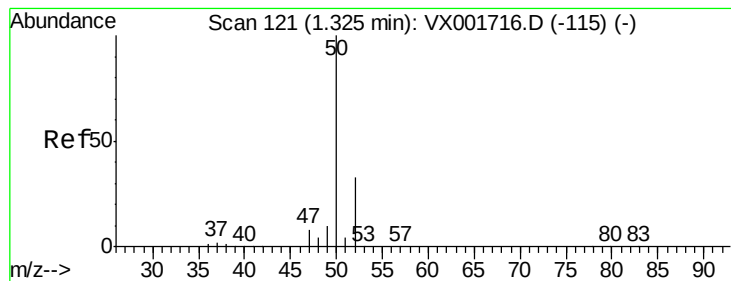
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

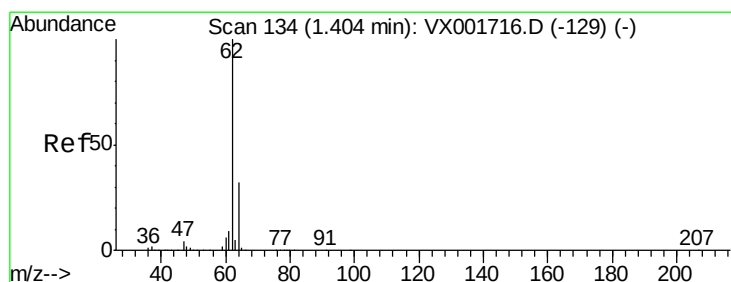
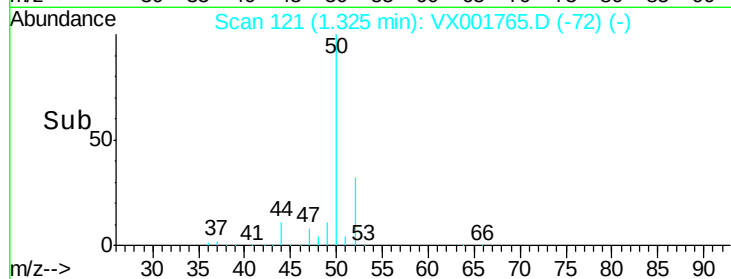
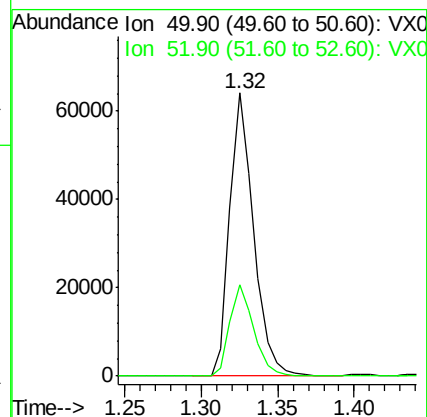
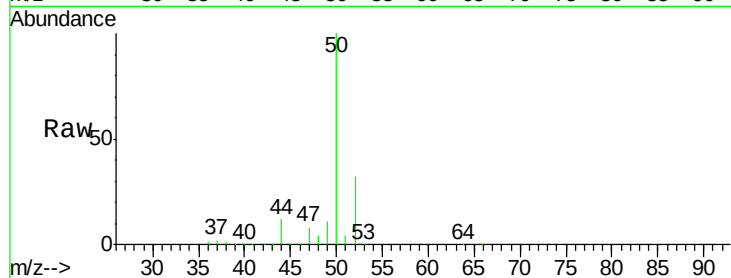
VX0516WBS01

Tgt Ion: 50 Resp: 69610

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



#4

Vinyl Chloride

Concen: 19.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001765.D

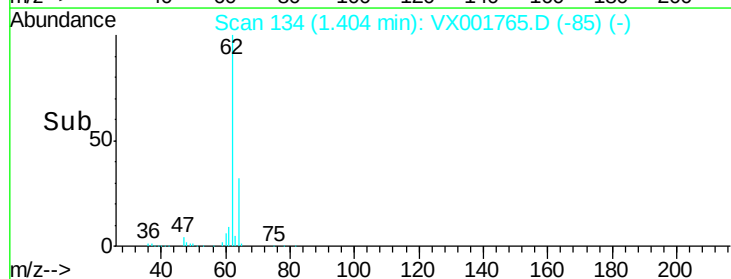
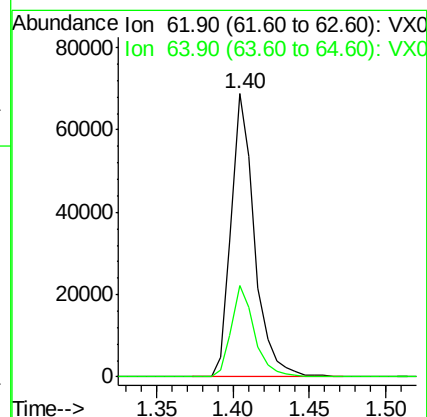
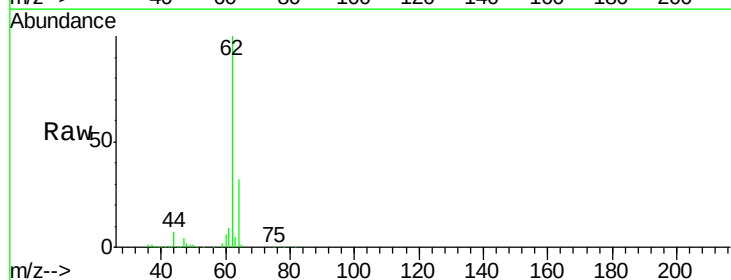
Acq: 16 May 2018 15:33

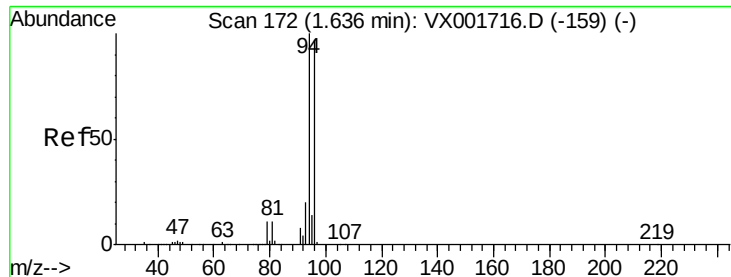
Tgt Ion: 62 Resp: 73052

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 24.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

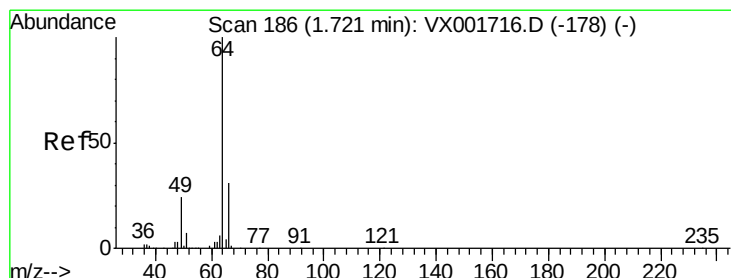
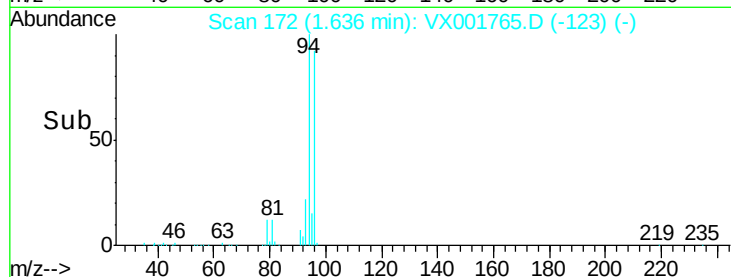
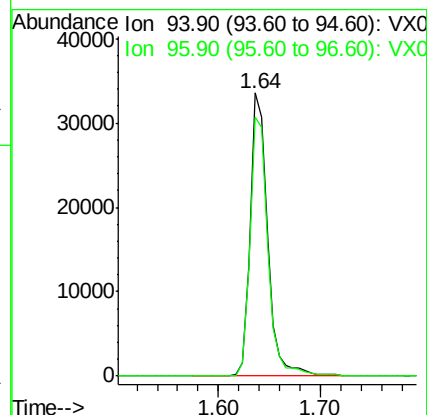
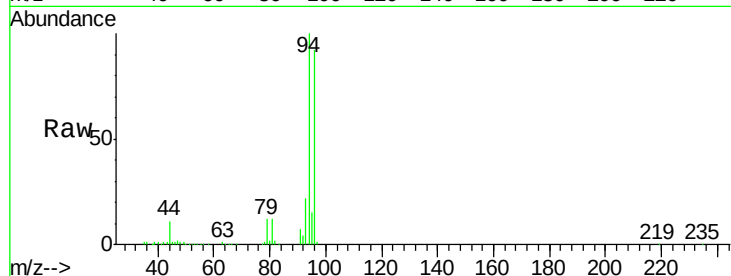
VX0516WBS01

Tgt Ion: 94 Resp: 39811

Ion Ratio Lower Upper

94 100

96 91.6 77.4 116.0



#6

Chloroethane

Concen: 20.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001765.D

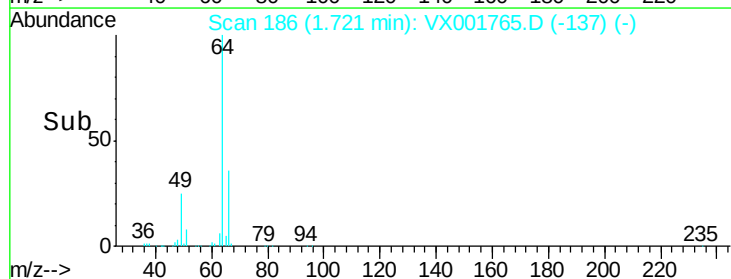
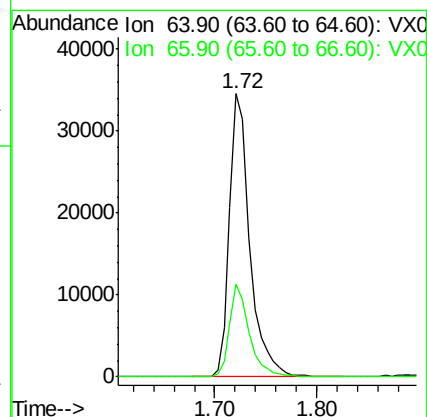
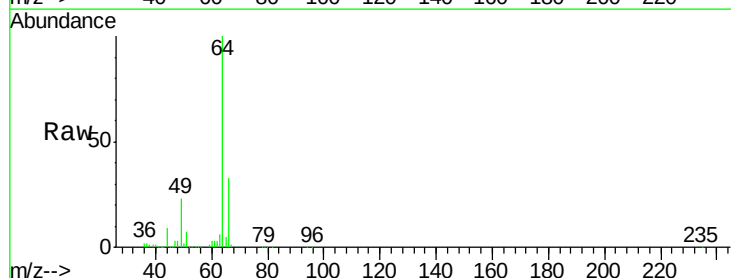
Acq: 16 May 2018 15:33

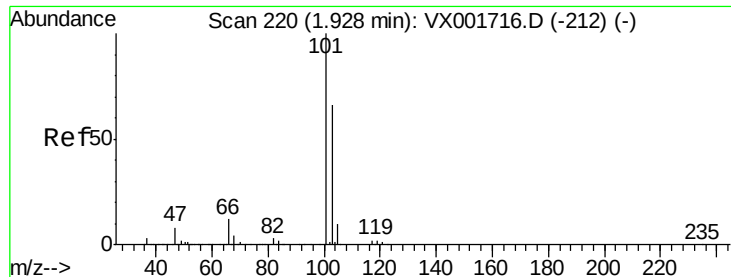
Tgt Ion: 64 Resp: 48026

Ion Ratio Lower Upper

64 100

66 32.8 25.2 37.8





#7

Trichlorofluoromethane

Concen: 20.30 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

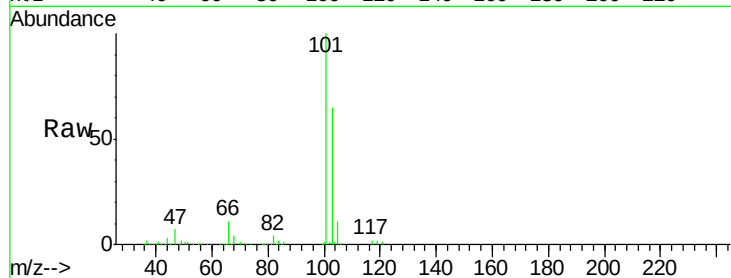
VX0516WBS01

Tgt Ion:101 Resp: 108160

Ion Ratio Lower Upper

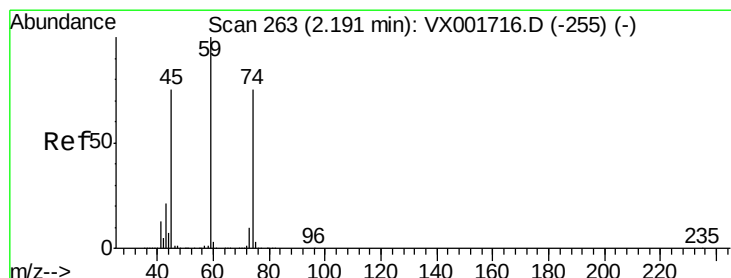
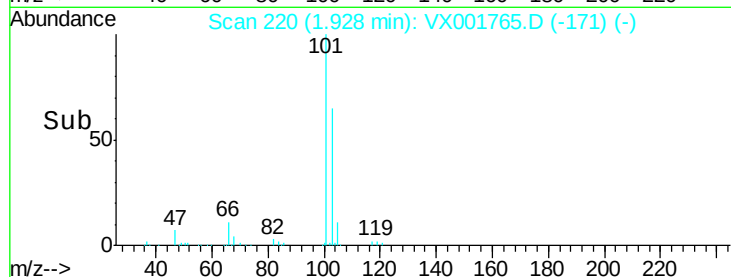
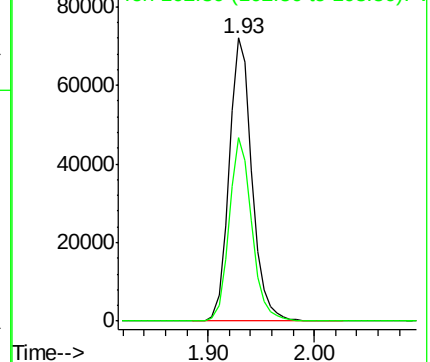
101 100

103 65.0 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.96 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001765.D

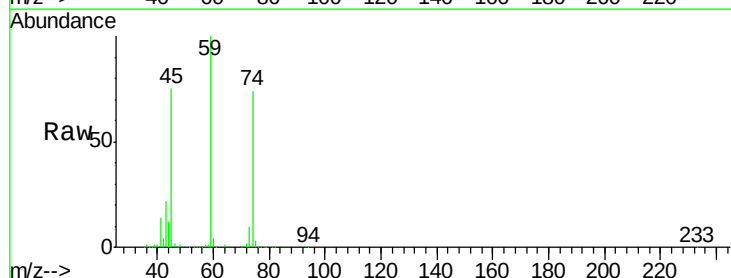
Acq: 16 May 2018 15:33

Tgt Ion: 74 Resp: 43794

Ion Ratio Lower Upper

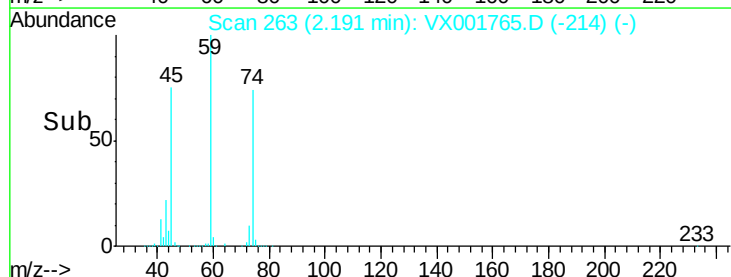
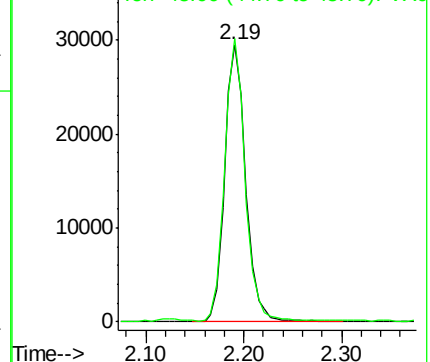
74 100

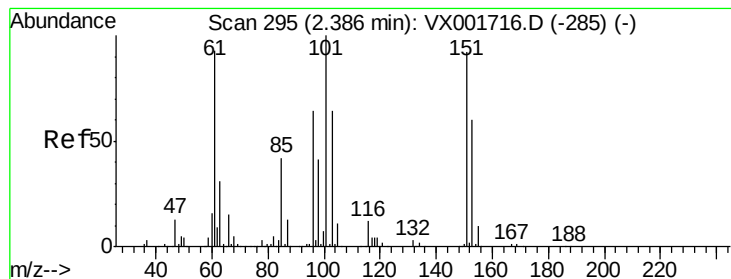
45 99.0 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

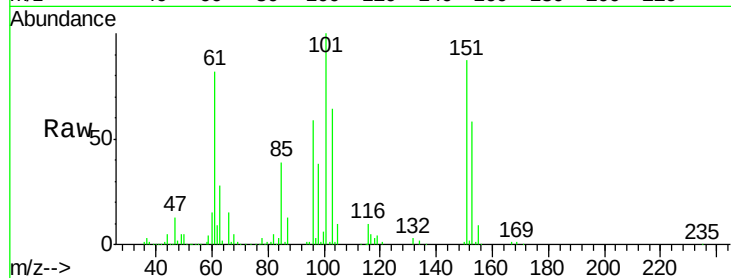
Tgt Ion:101 Resp: 66901

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

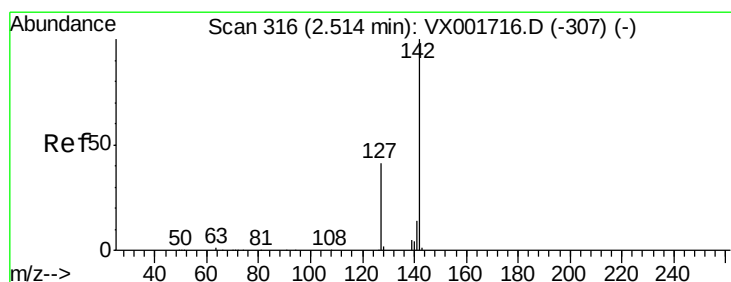
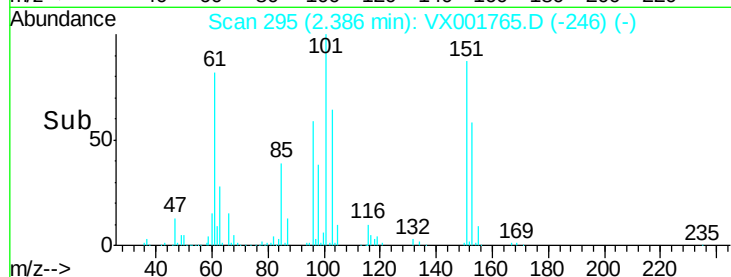
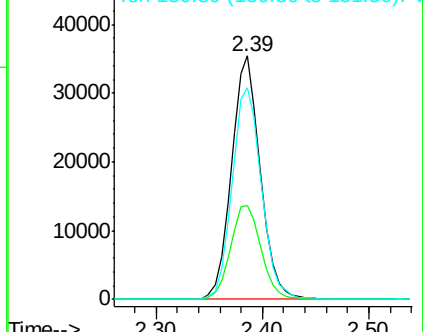
151 89.1 73.0 109.6



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: 23.73 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

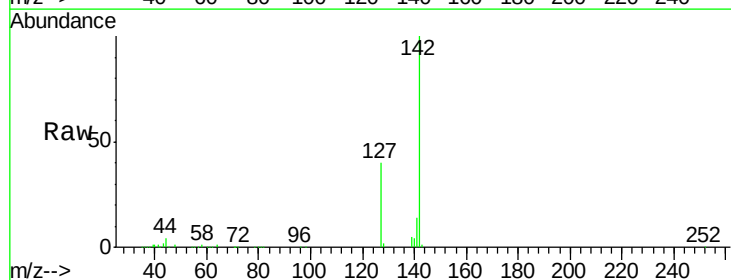
Tgt Ion:142 Resp: 70051

Ion Ratio Lower Upper

142 100

127 40.1 32.5 48.7

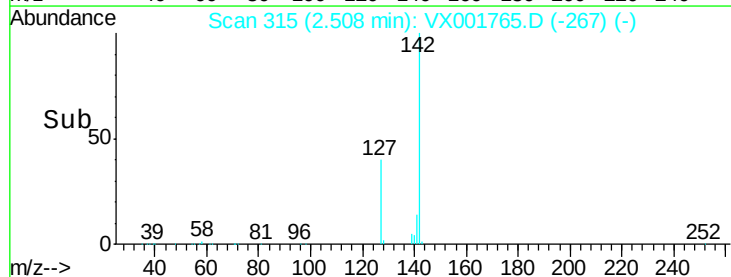
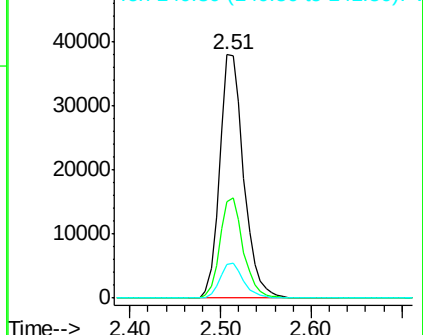
141 14.0 11.4 17.0

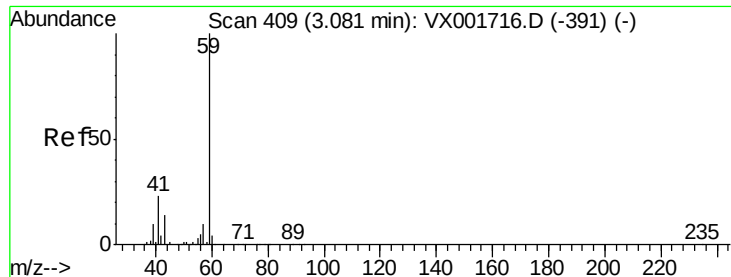


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

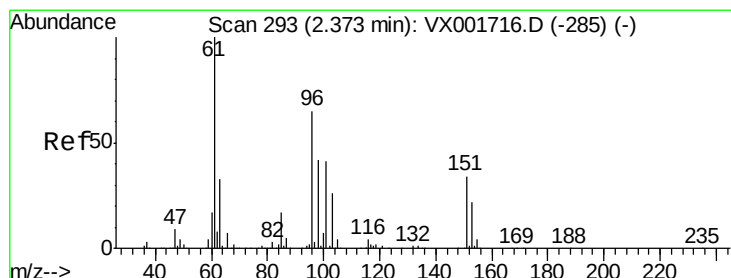
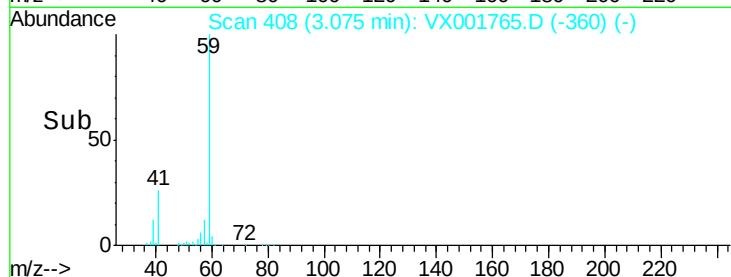
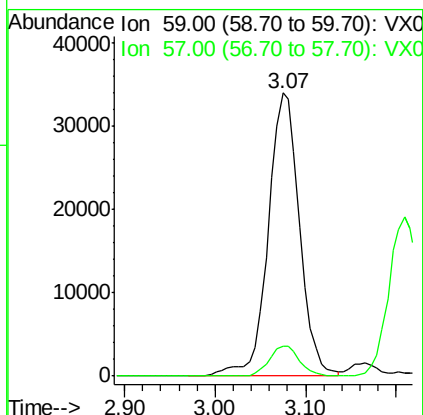
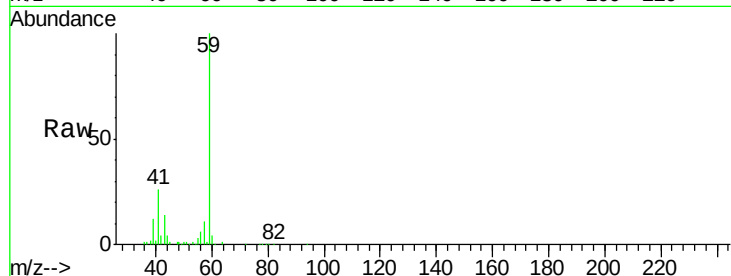




#11
Tert butyl alcohol
Concen: 108.99 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

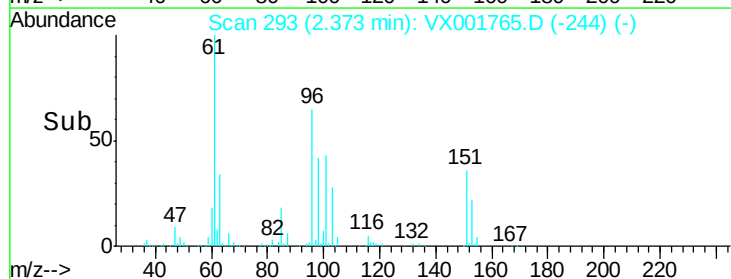
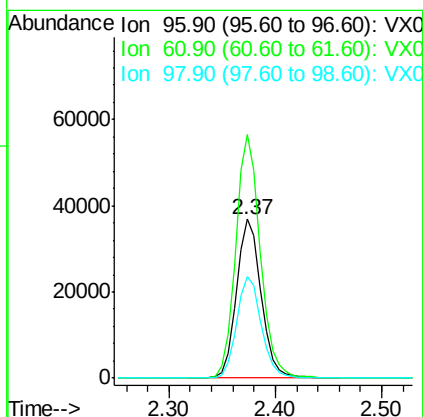
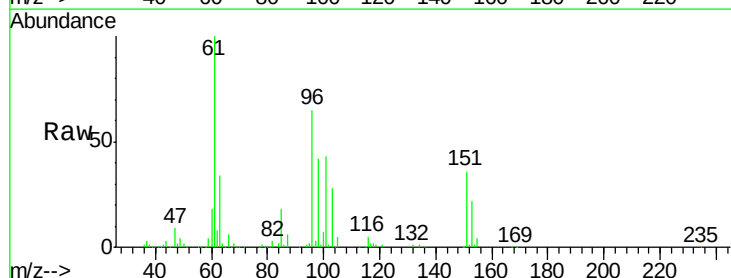
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

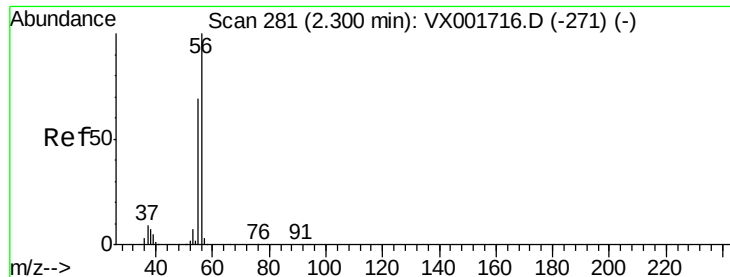
Tgt Ion: 59 Resp: 81161
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.41 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 96 Resp: 60034
Ion Ratio Lower Upper
96 100
61 153.3 122.2 183.2
98 64.1 51.4 77.0





#13

Acrolein

Concen: 95.22 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

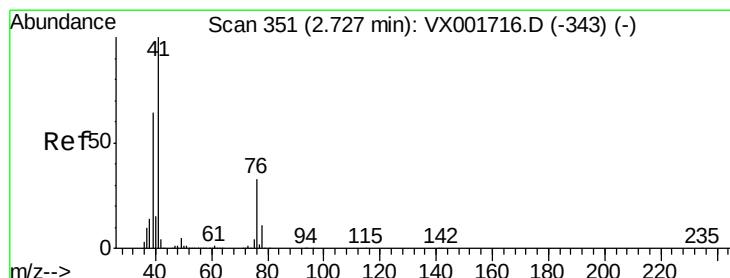
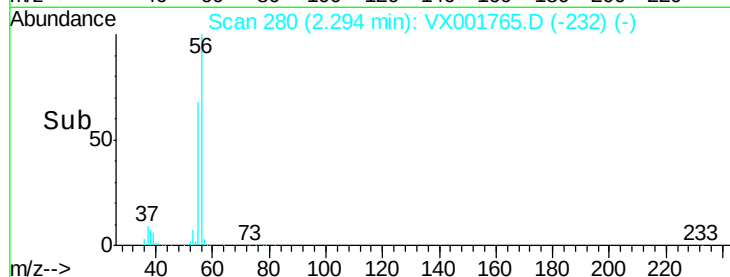
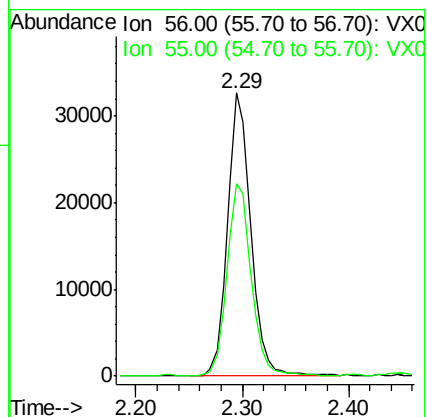
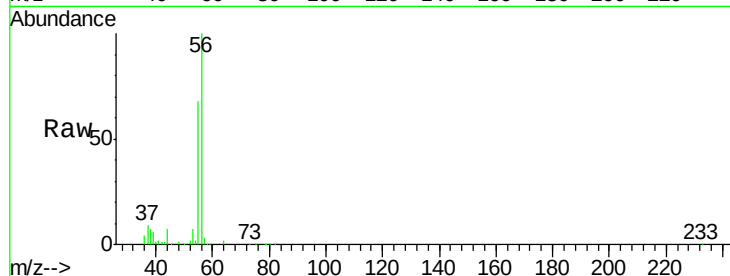
VX0516WBS01

Tgt Ion: 56 Resp: 50290

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Allyl chloride

Concen: 19.86 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

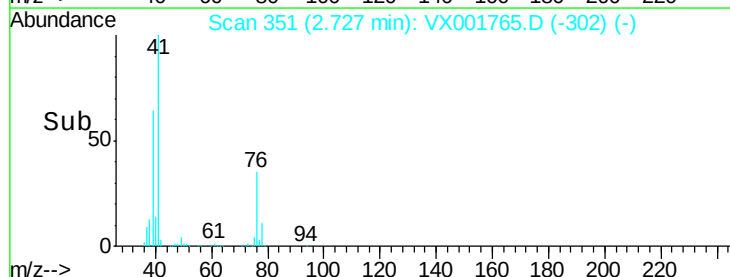
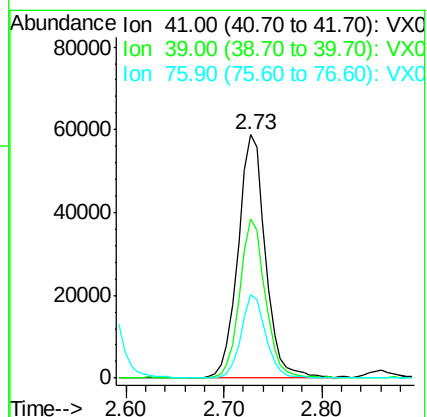
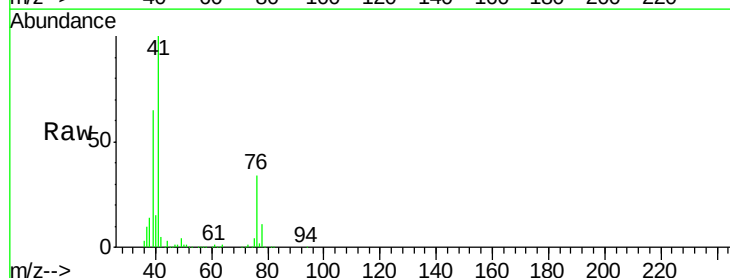
Tgt Ion: 41 Resp: 113519

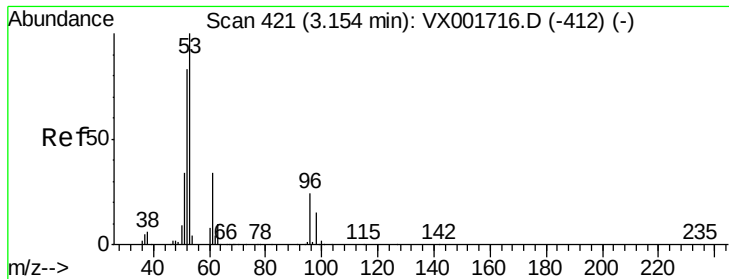
Ion Ratio Lower Upper

41 100

39 61.2 49.8 74.6

76 31.1 25.8 38.8





#15

Acrylonitrile

Concen: 101.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

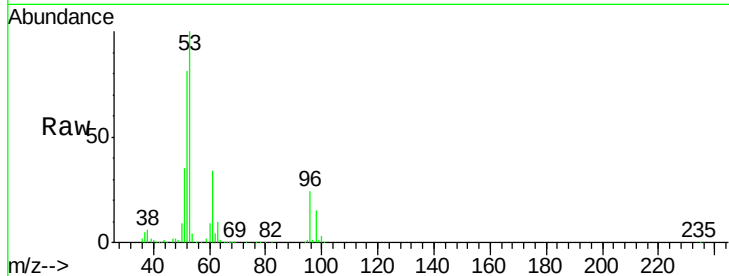
Tgt Ion: 53 Resp: 189912

Ion Ratio Lower Upper

53 100

52 81.6 65.6 98.4

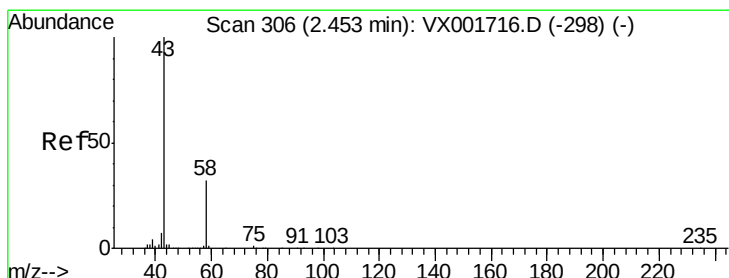
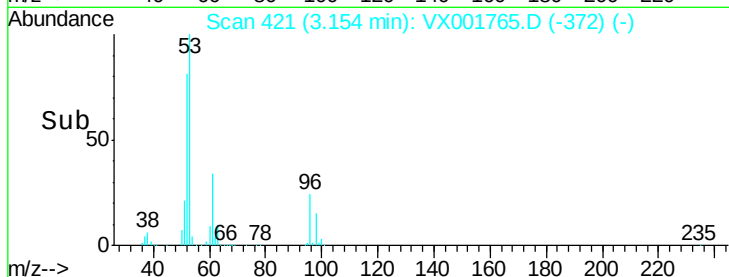
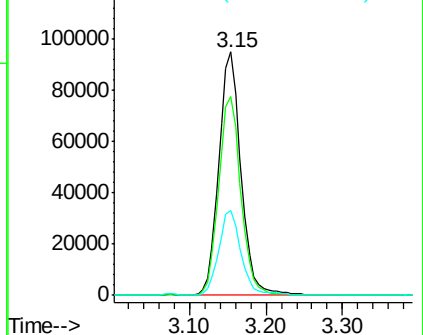
51 35.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.92 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001765.D

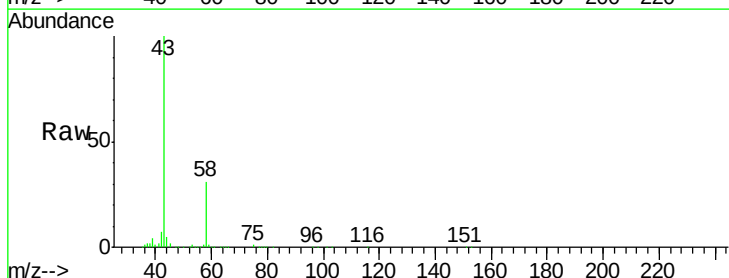
Acq: 16 May 2018 15:33

Tgt Ion: 43 Resp: 162956

Ion Ratio Lower Upper

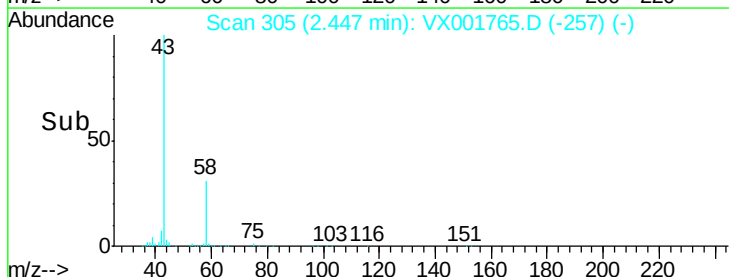
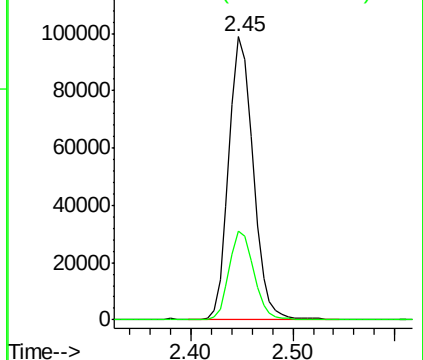
43 100

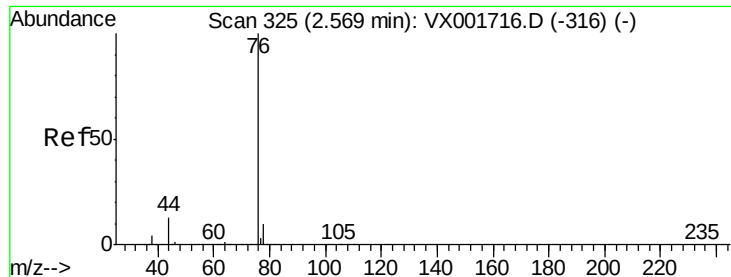
58 31.4 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

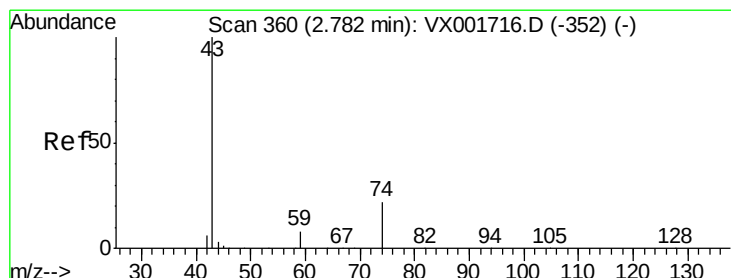
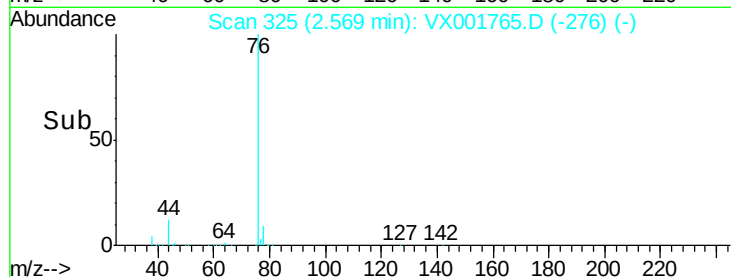
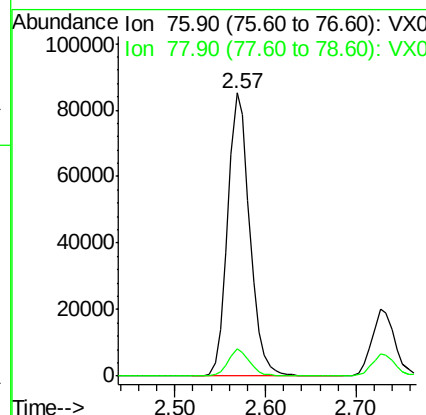
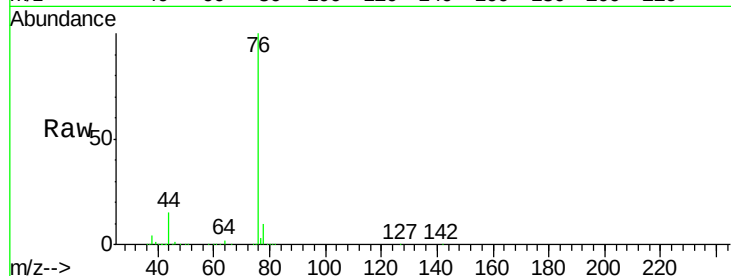




#17
Carbon Disulfide
Concen: 17.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

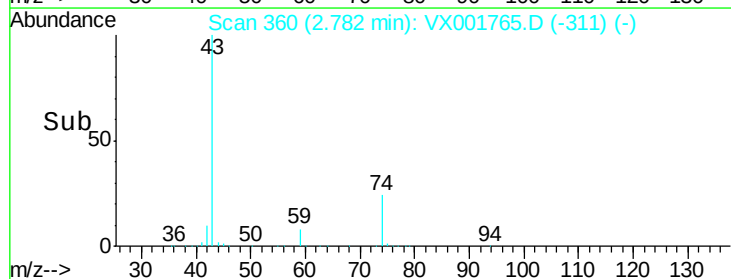
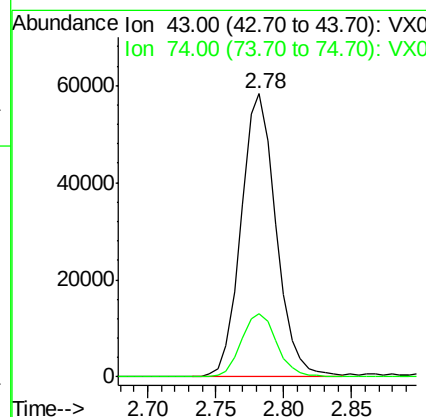
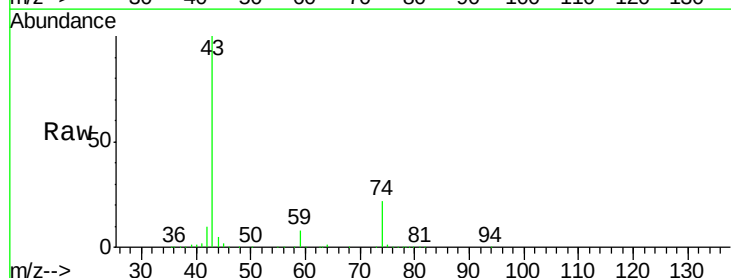
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

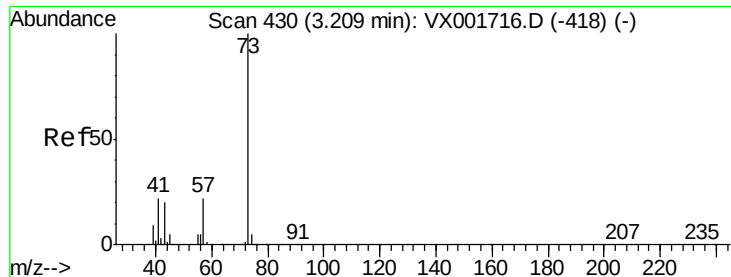
Tgt Ion: 76 Resp: 144482
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 21.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 43 Resp: 103644
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 19.89 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

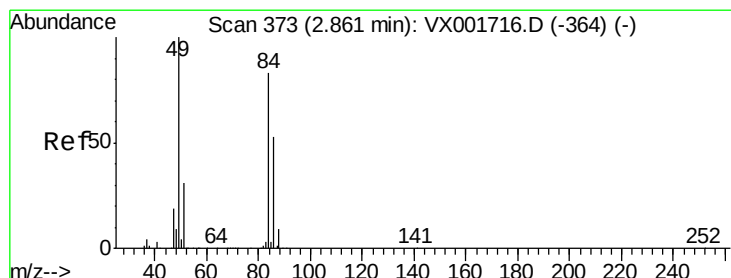
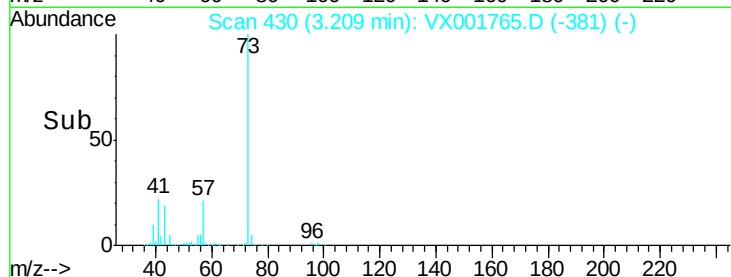
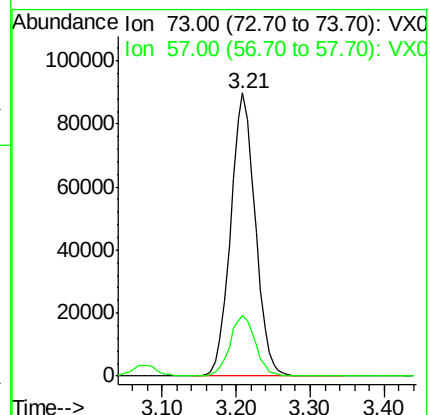
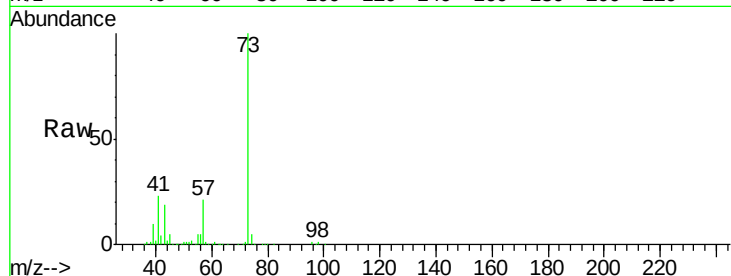
VX0516WBS01

Tgt Ion: 73 Resp: 207390

Ion Ratio Lower Upper

73 100

57 21.2 17.5 26.3



#20

Methylene Chloride

Concen: 19.85 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Tgt Ion: 84 Resp: 69992

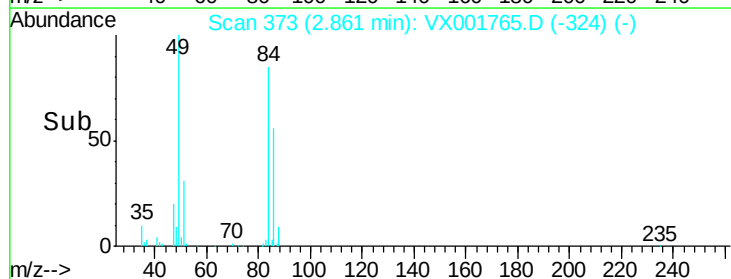
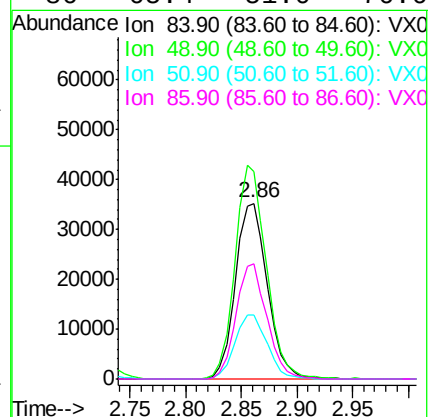
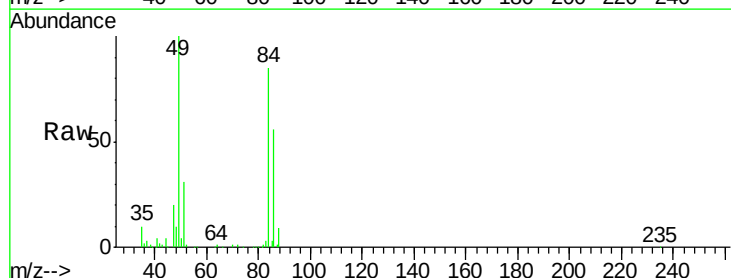
Ion Ratio Lower Upper

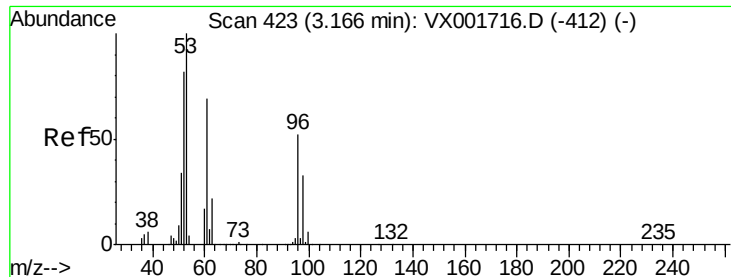
84 100

49 117.3 96.3 144.5

51 36.7 29.8 44.6

86 65.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.03 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

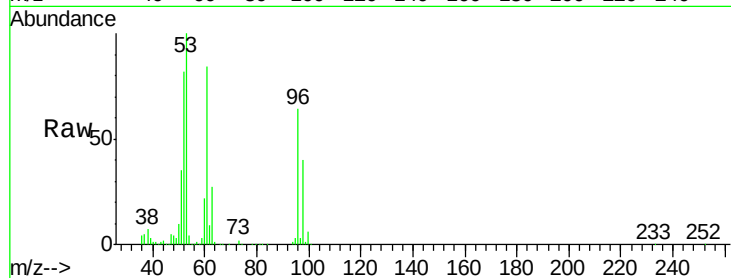
Tgt Ion: 96 Resp: 64837

Ion Ratio Lower Upper

96 100

61 131.4 105.8 158.8

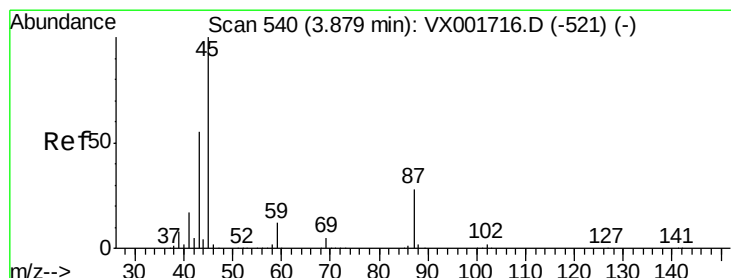
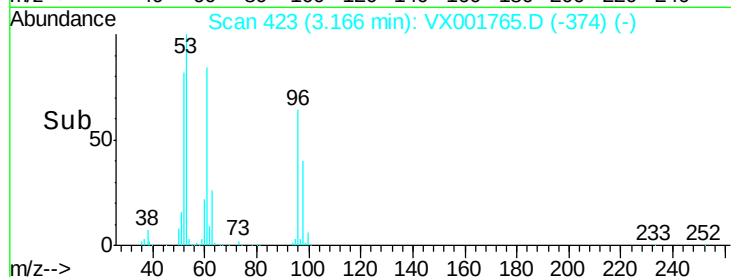
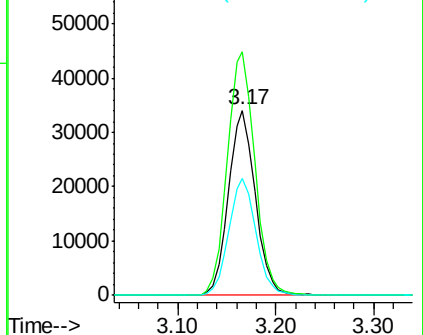
98 63.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.19 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Tgt Ion: 45 Resp: 210443

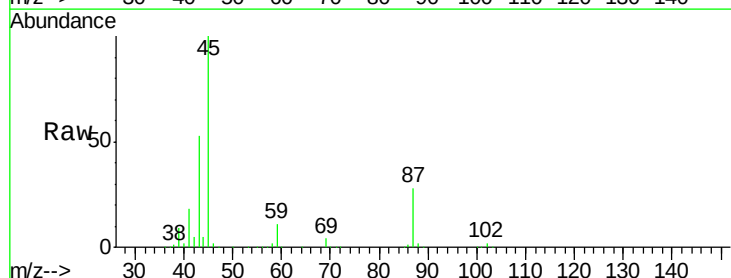
Ion Ratio Lower Upper

45 100

43 53.0 44.3 66.5

87 27.8 22.6 33.8

59 11.3 9.4 14.0

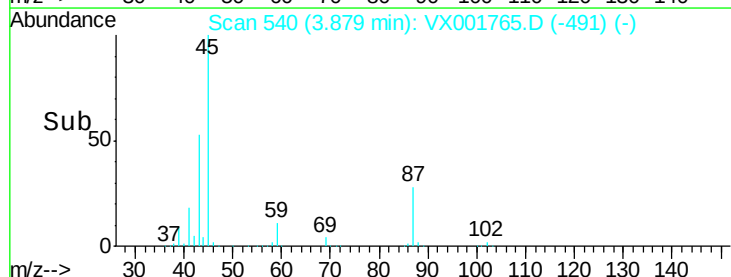
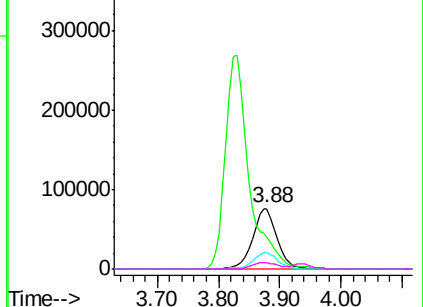


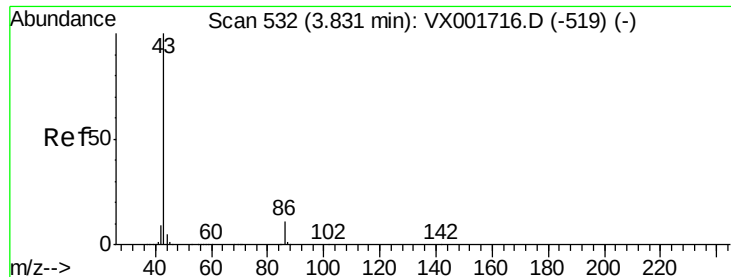
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

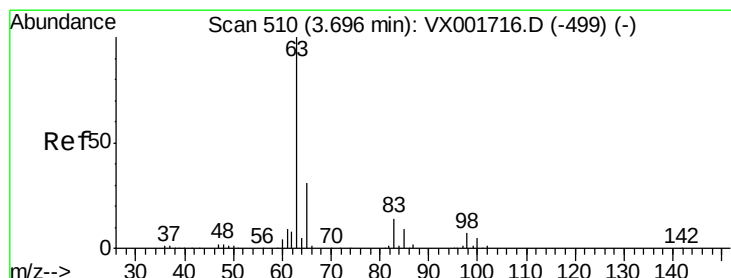
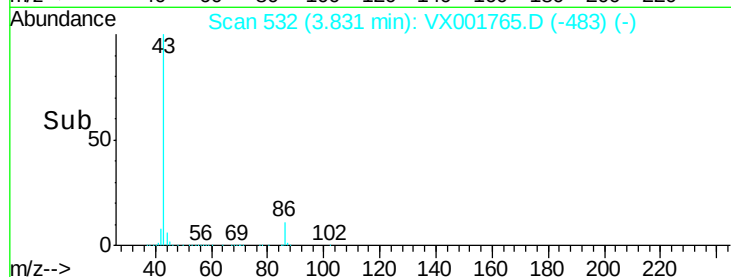
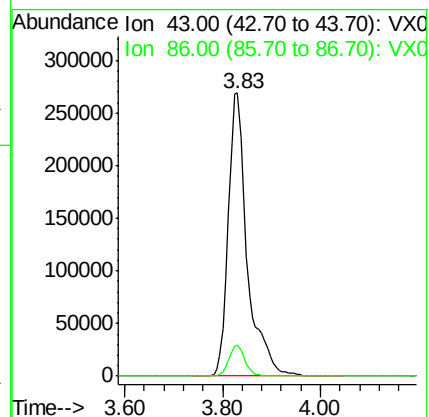
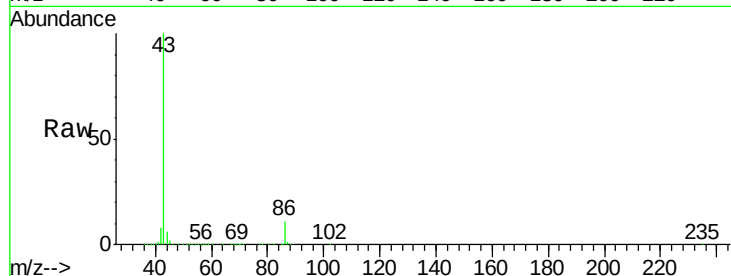
VX0516WBS01

Tgt Ion: 43 Resp: 723750

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.23 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

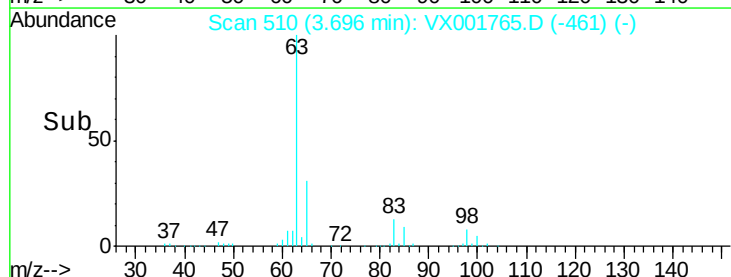
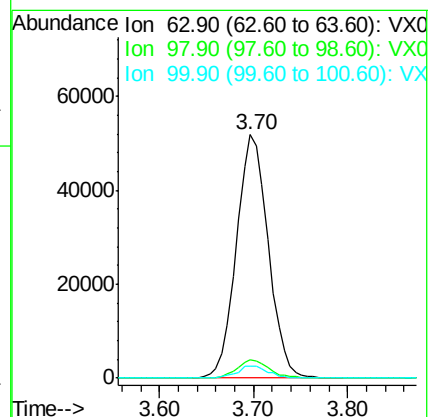
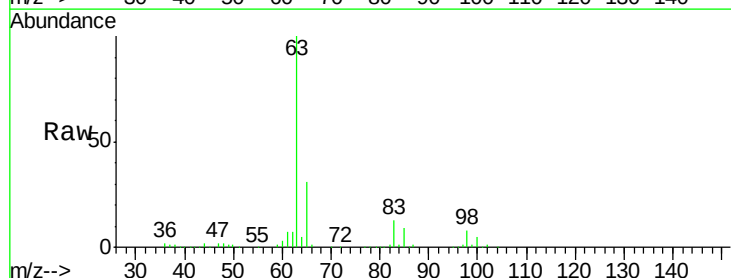
Tgt Ion: 63 Resp: 121699

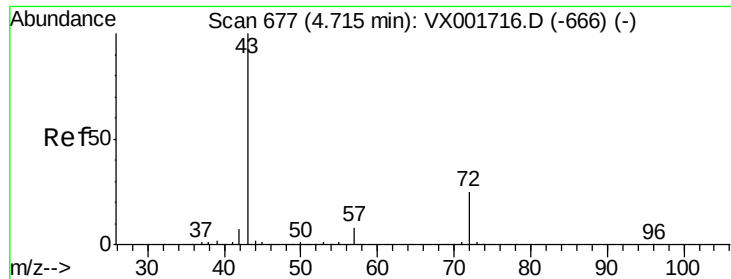
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 102.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampled :

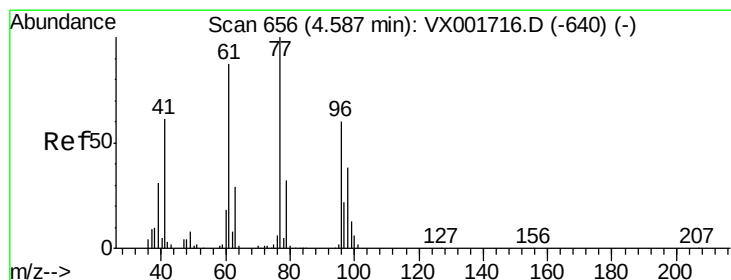
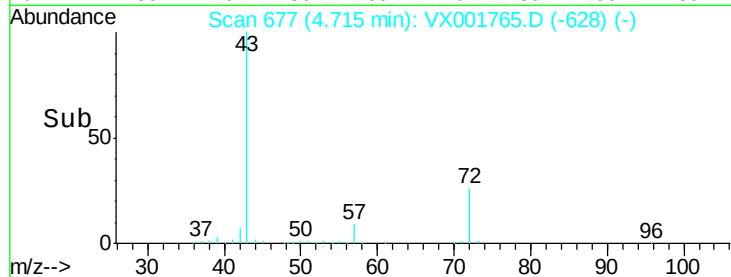
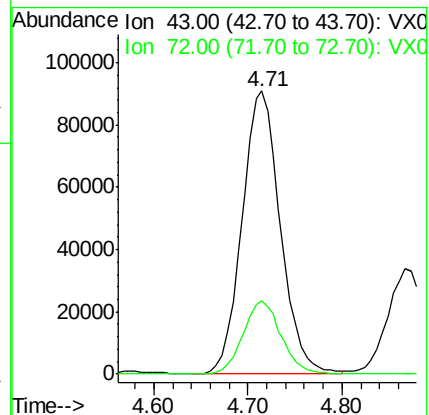
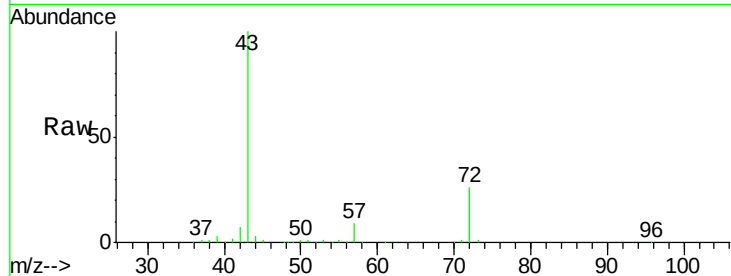
VX0516WBS01

Tgt Ion: 43 Resp: 257372

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 18.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001765.D

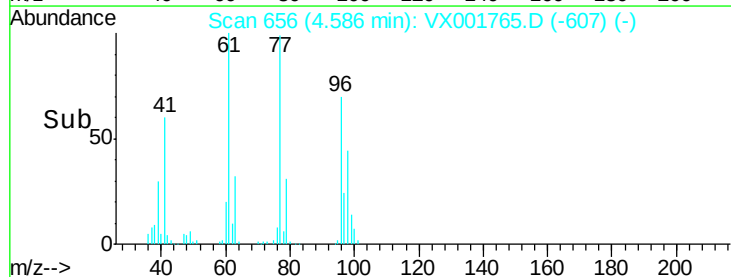
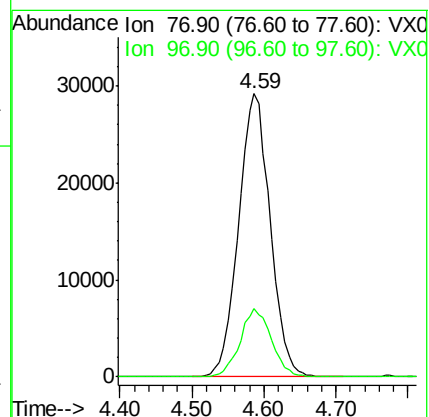
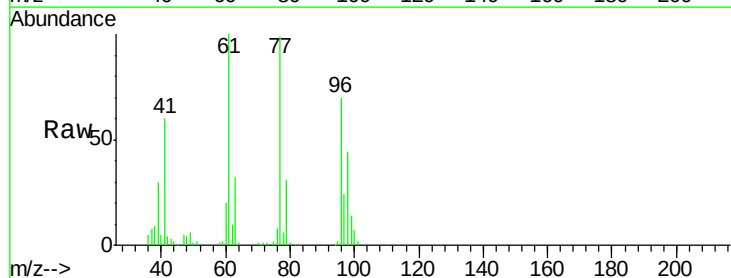
Acq: 16 May 2018 15:33

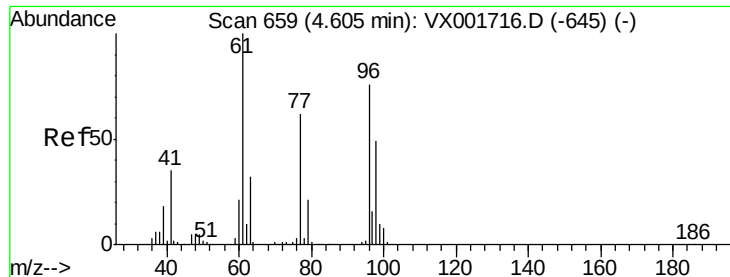
Tgt Ion: 77 Resp: 88970

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.27 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

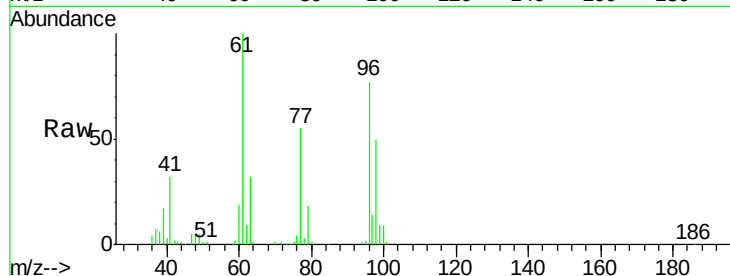
Tgt Ion: 96 Resp: 74709

Ion Ratio Lower Upper

96 100

61 141.6 0.0 280.4

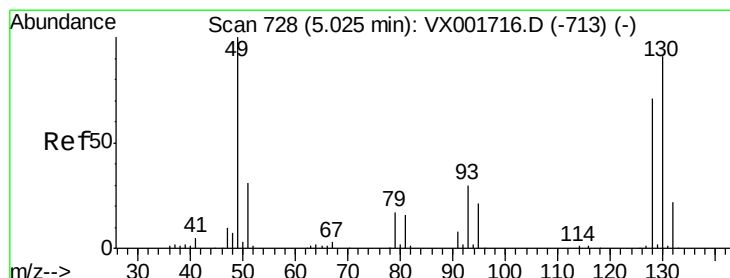
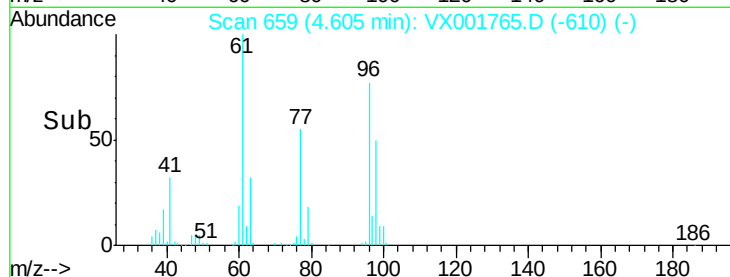
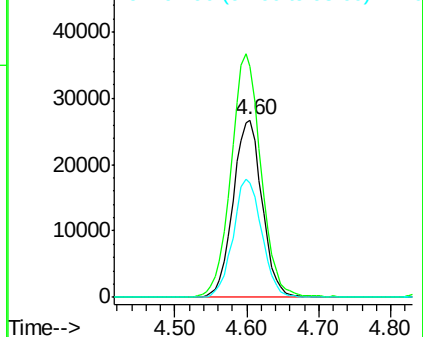
98 65.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.82 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

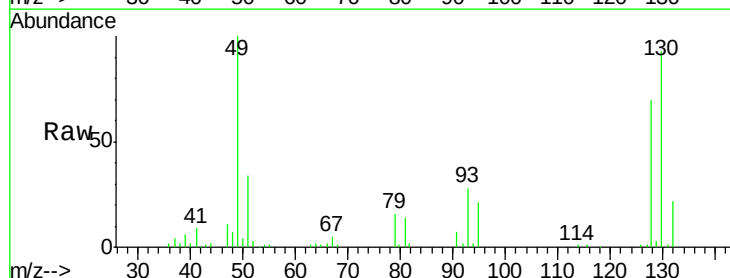
Tgt Ion: 49 Resp: 55627

Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.0

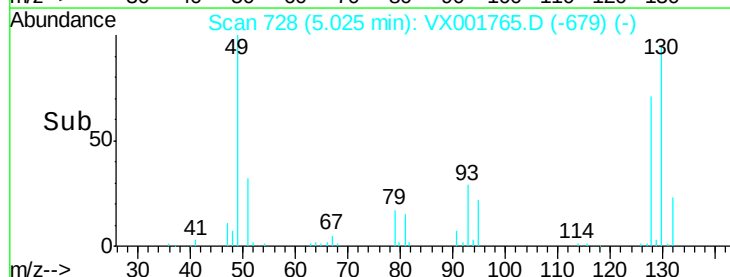
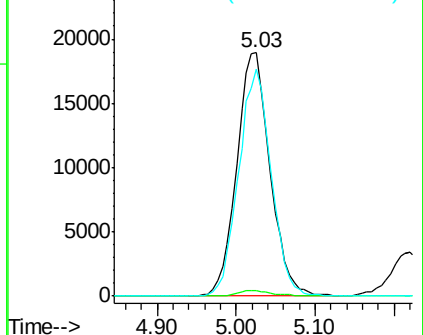
130 90.8 71.8 107.6

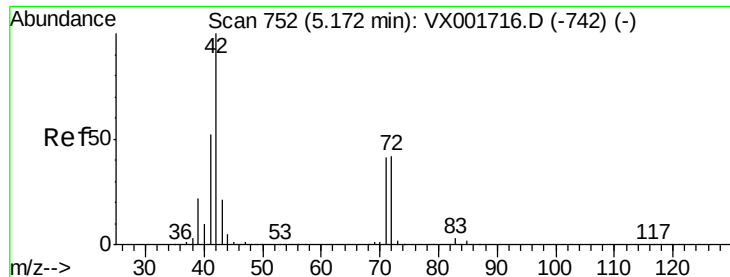


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.94 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

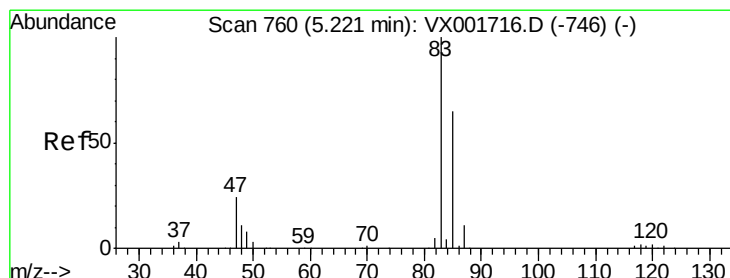
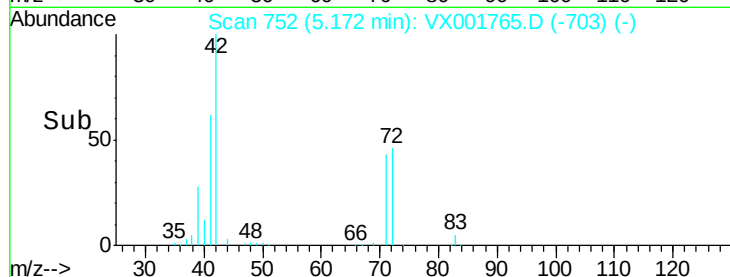
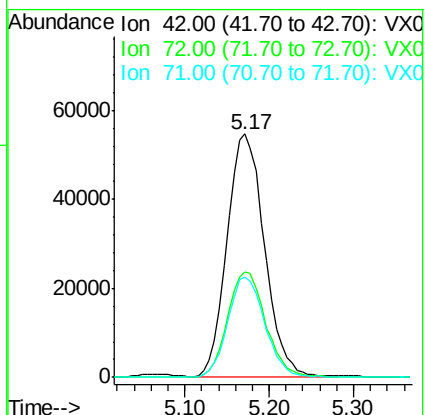
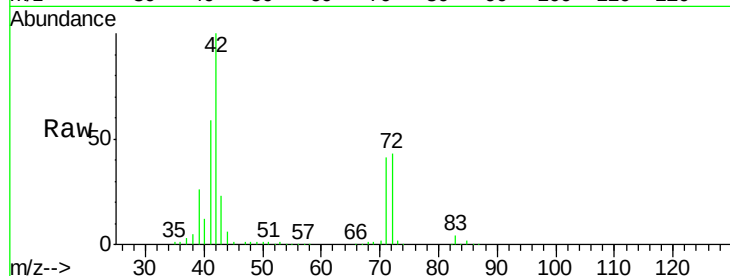
Tgt Ion: 42 Resp: 164308

Ion Ratio Lower Upper

42 100

72 44.5 35.4 53.2

71 41.1 33.2 49.8



#30

Chloroform

Concen: 20.06 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001765.D

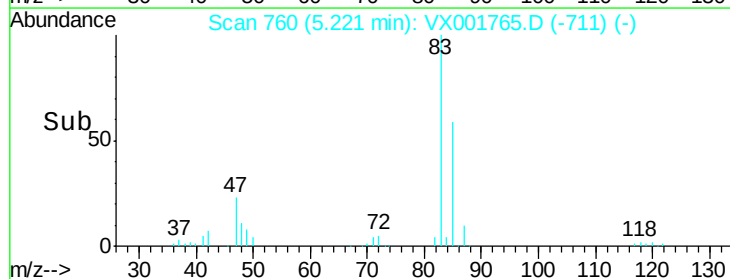
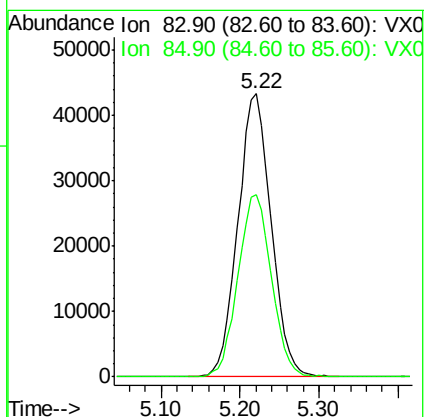
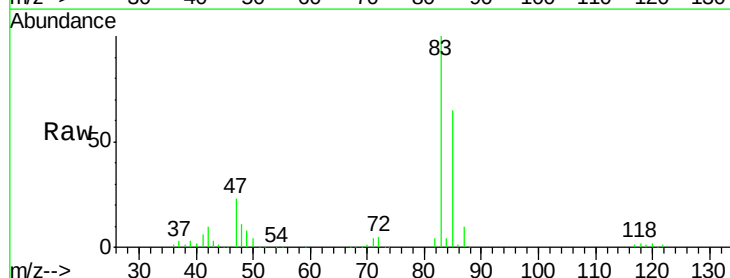
Acq: 16 May 2018 15:33

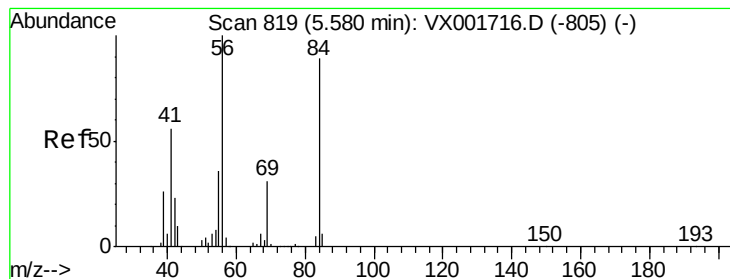
Tgt Ion: 83 Resp: 126745

Ion Ratio Lower Upper

83 100

85 64.5 52.3 78.5





#31

Cyclohexane

Concen: 20.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

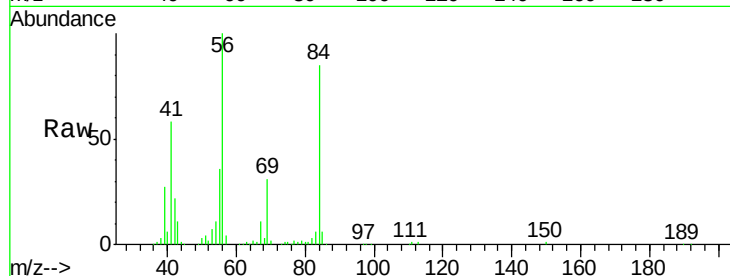
Tgt Ion: 56 Resp: 107534

Ion Ratio Lower Upper

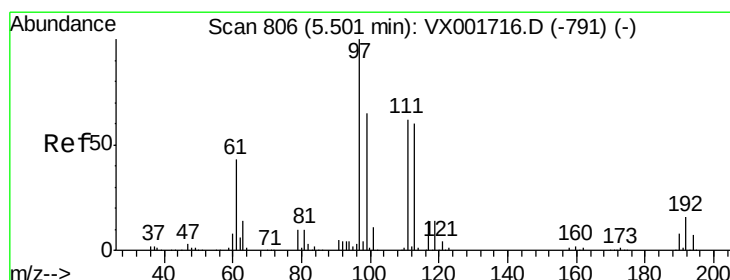
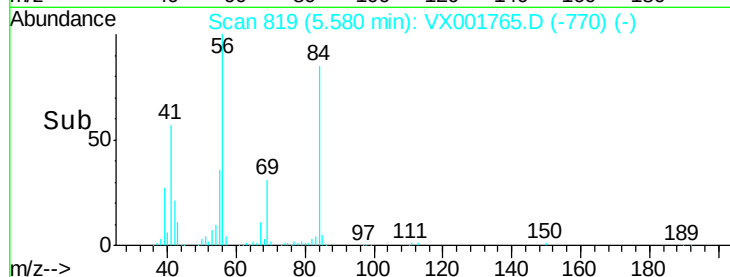
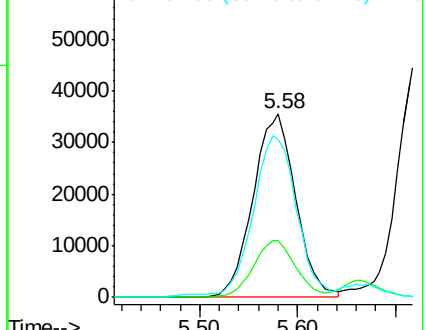
56 100

69 30.8 25.0 37.6

84 84.0 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: 20.10 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

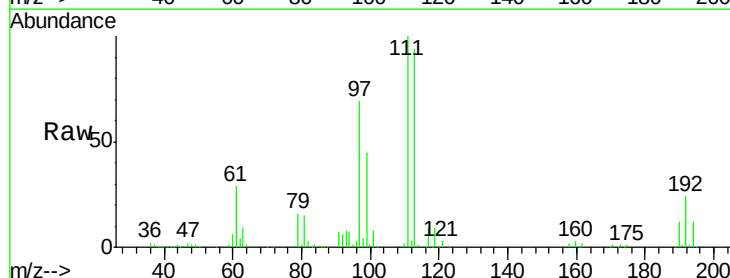
Tgt Ion: 97 Resp: 109709

Ion Ratio Lower Upper

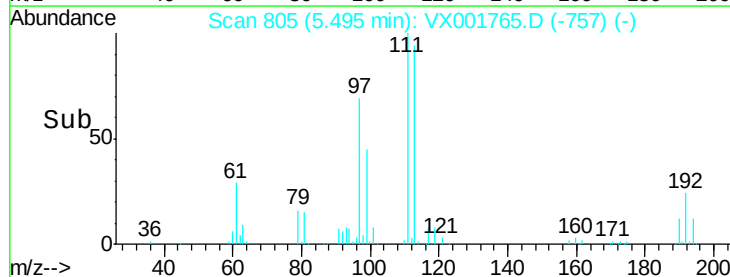
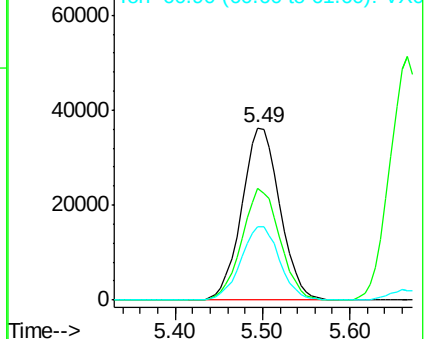
97 100

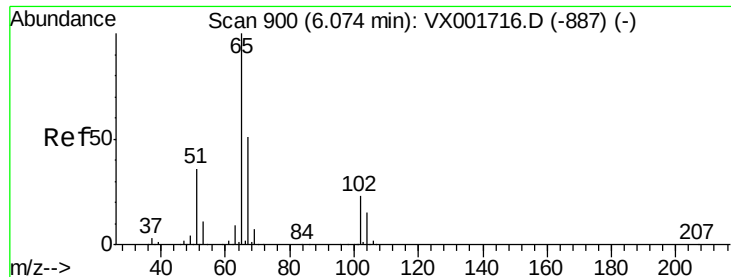
99 64.7 51.3 76.9

61 43.4 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: 48.18 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

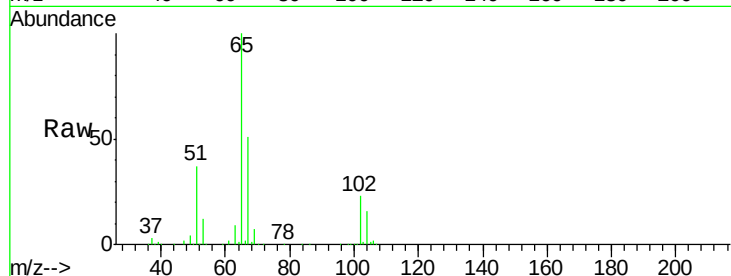
VX0516WBS01

Tgt Ion: 65 Resp: 202093

Ion Ratio Lower Upper

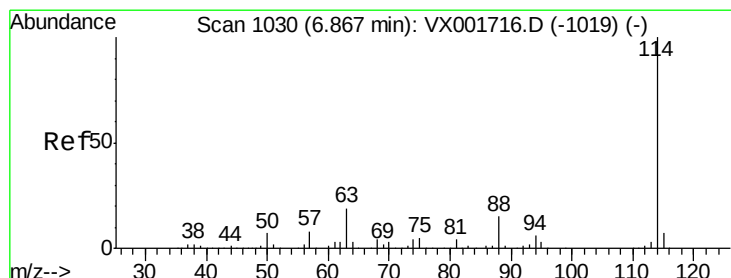
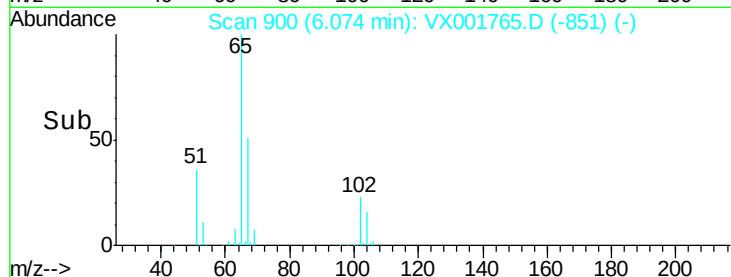
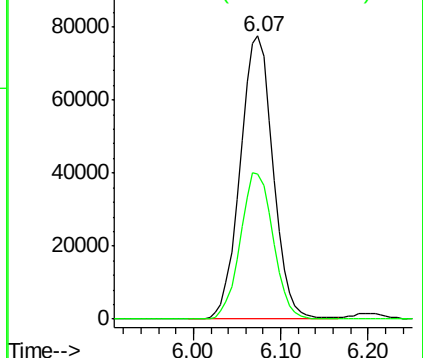
65 100

67 51.9 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: VX001765.D

Acq: 16 May 2018 15:33

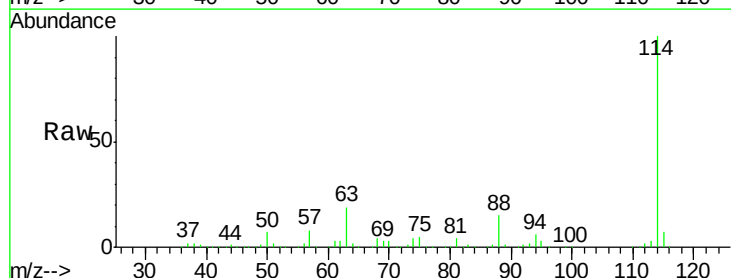
Tgt Ion: 114 Resp: 397997

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

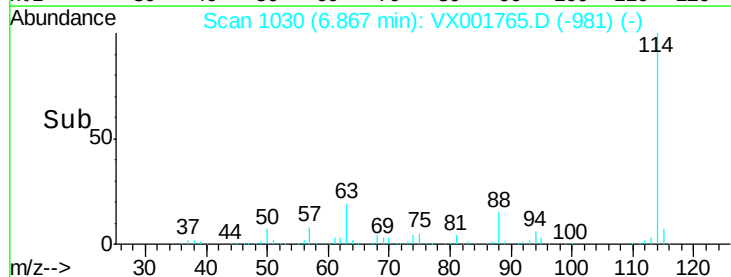
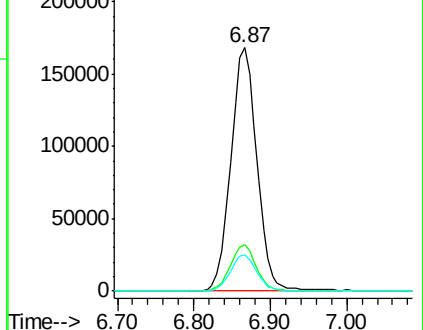
88 15.1 0.0 29.8

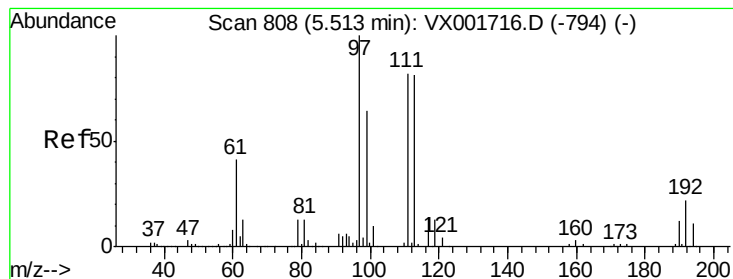


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

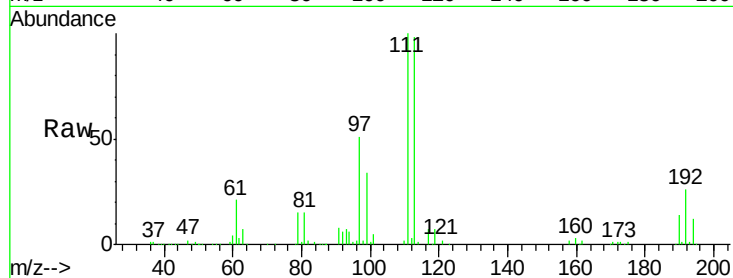
Tgt Ion:113 Resp: 172581

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

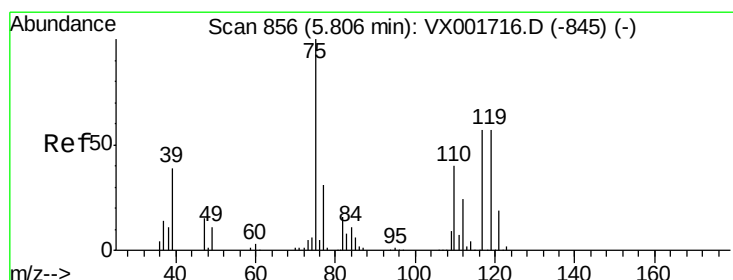
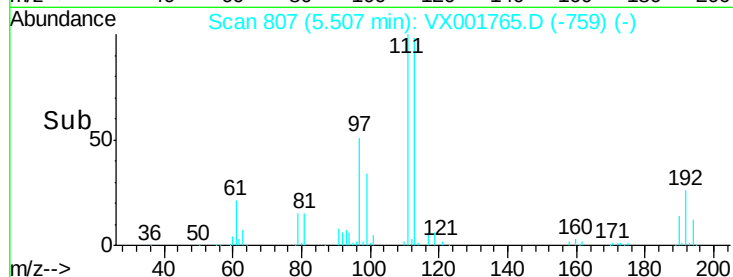
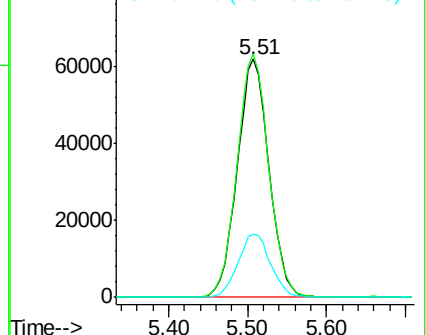
192 27.3 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.79 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

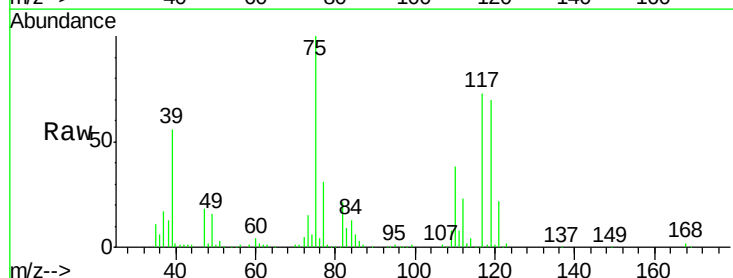
Tgt Ion: 75 Resp: 90682

Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.1

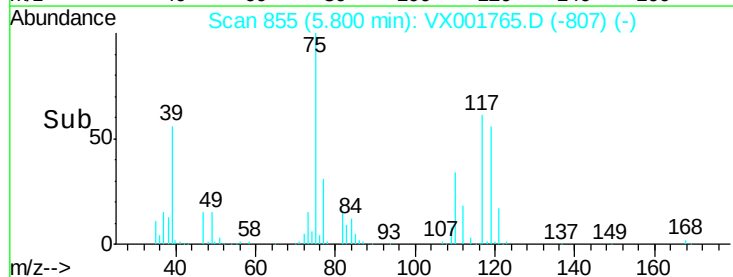
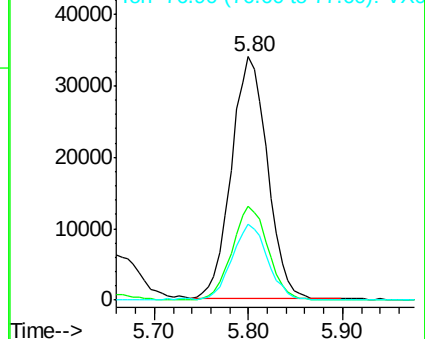
77 31.1 24.6 37.0

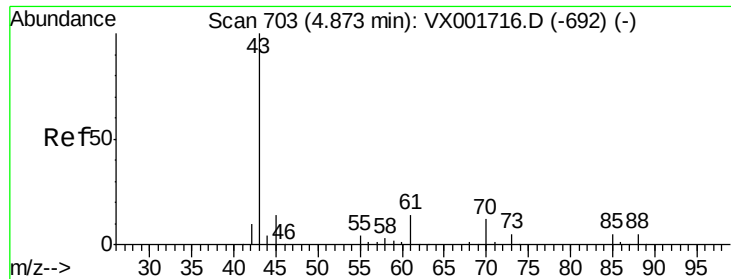


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

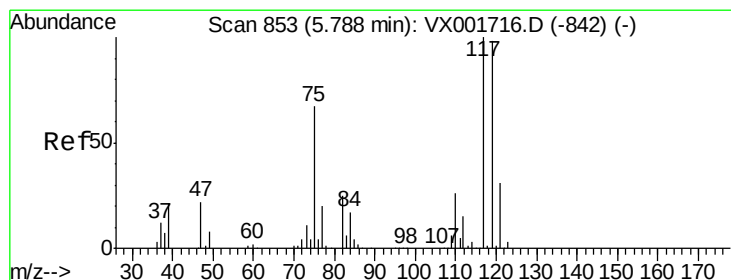
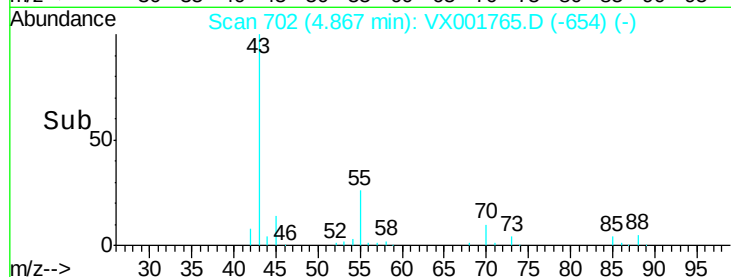
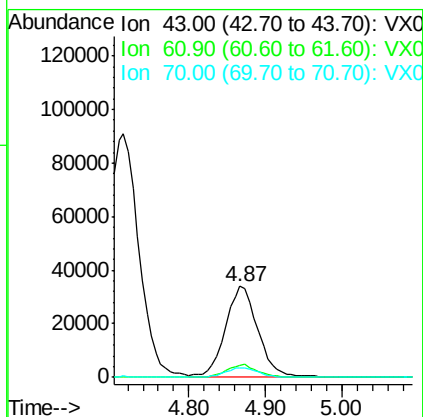
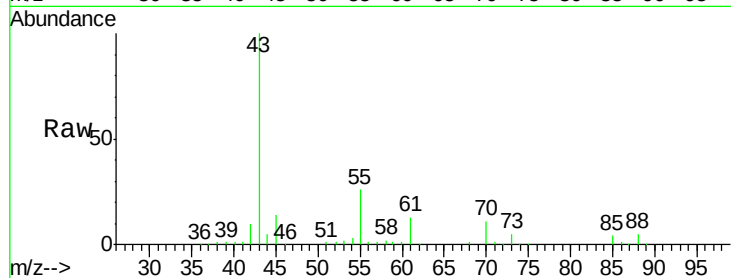




#37
Ethyl Acetate
Concen: 20.56 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

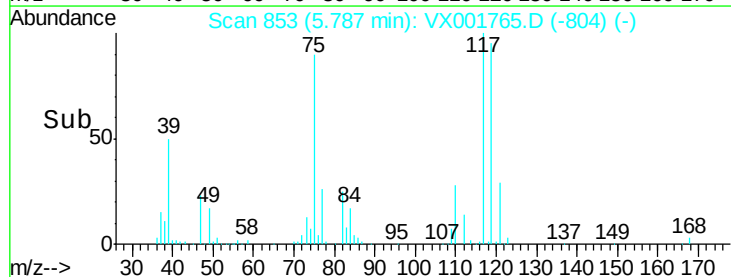
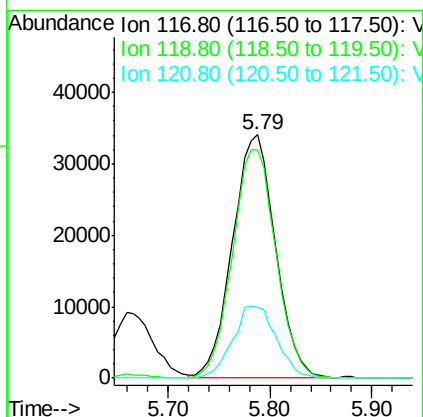
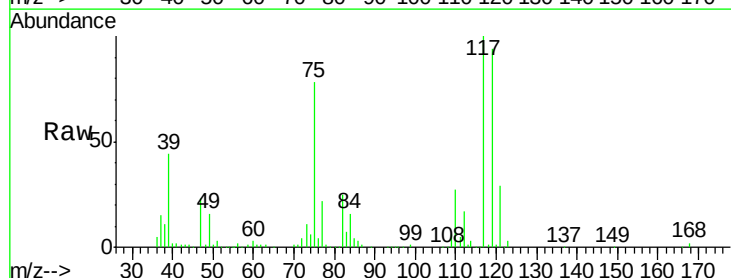
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

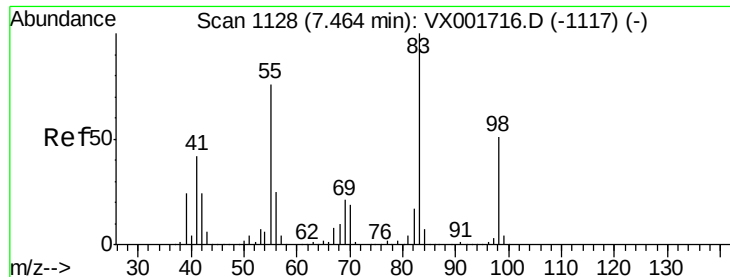
Tgt Ion: 43 Resp: 98170
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 117 Resp: 98988
Ion Ratio Lower Upper
117 100
119 94.1 77.6 116.4
121 29.3 24.6 36.8

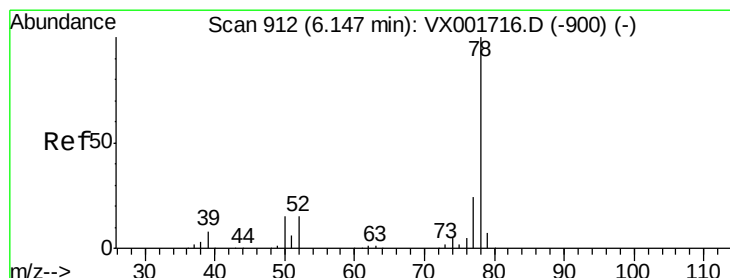
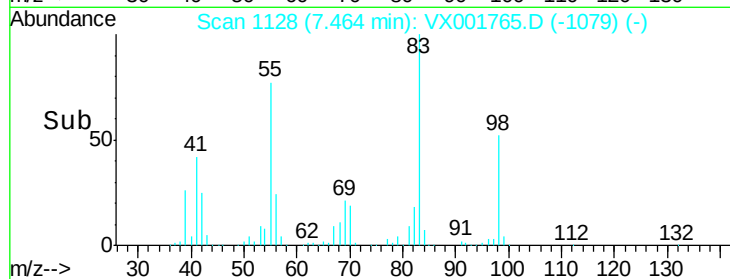
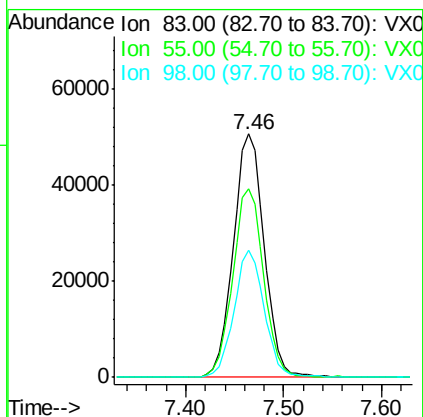
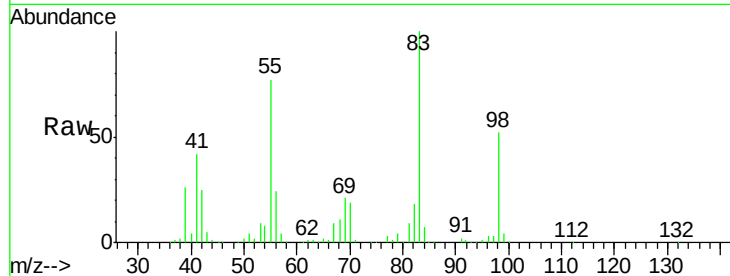




#39
Methylcyclohexane
Concen: 20.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

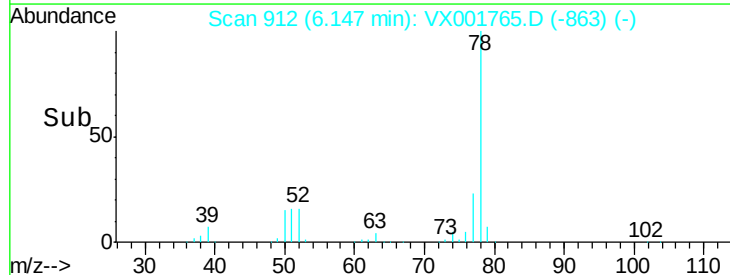
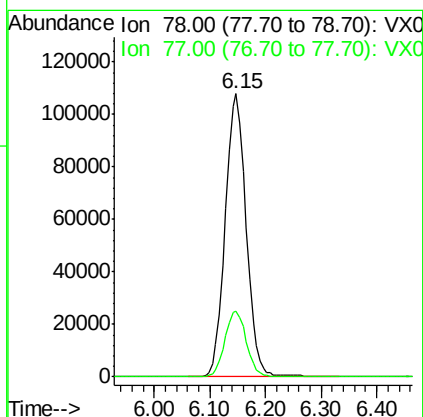
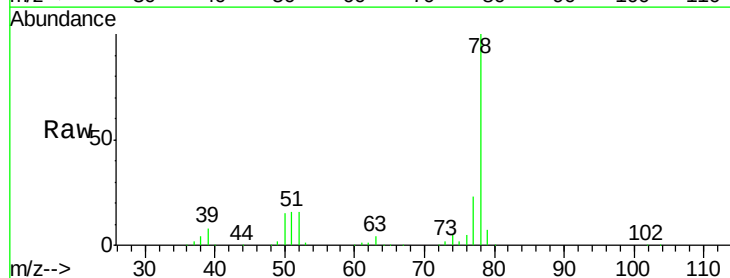
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

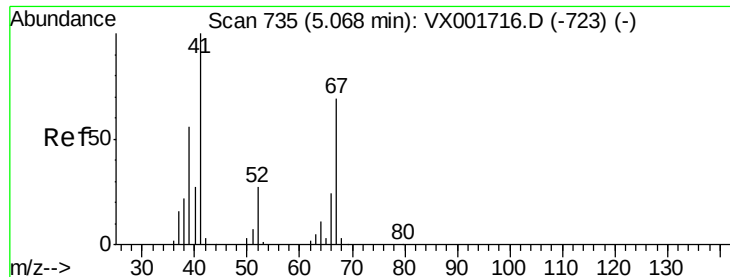
Tgt Ion: 83 Resp: 111091
Ion Ratio Lower Upper
83 100
55 77.5 60.6 90.8
98 52.0 40.4 60.6



#40
Benzene
Concen: 20.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 78 Resp: 281962
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

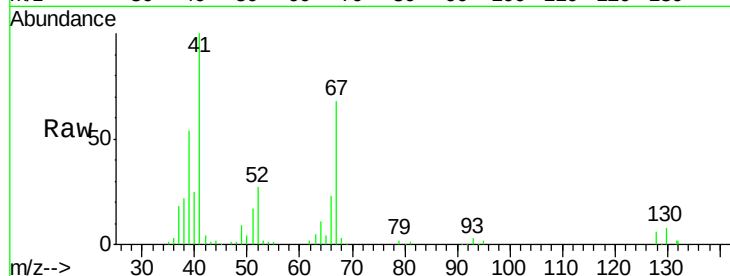




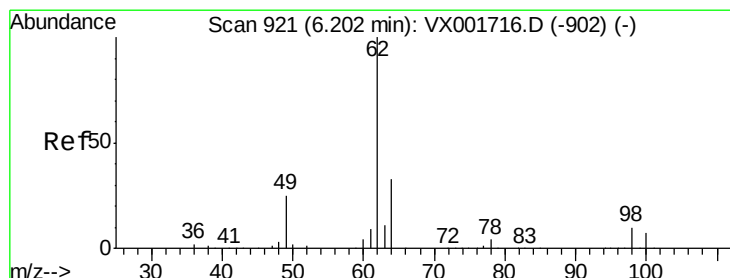
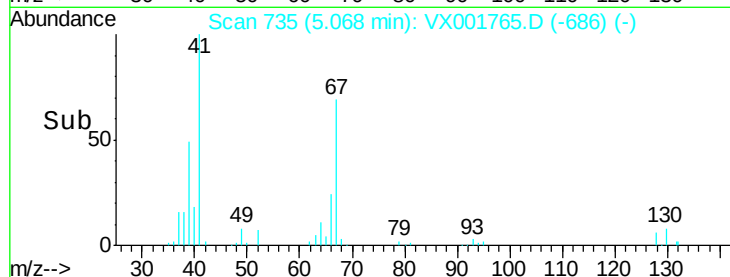
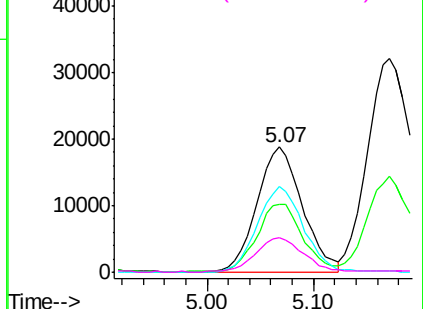
#41
Methacrylonitrile
Concen: 20.29 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

Tgt Ion:	41	Resp:	56014
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.2	66.4
67	69.4	56.0	84.0
52	29.1	22.6	33.8

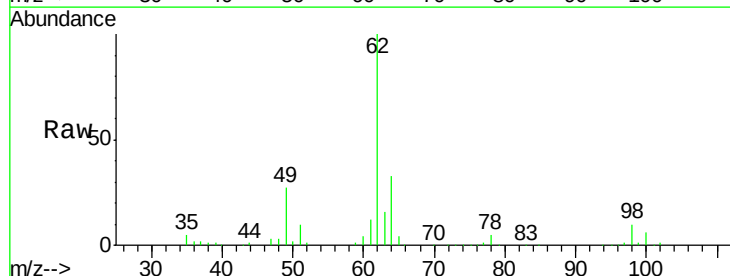


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

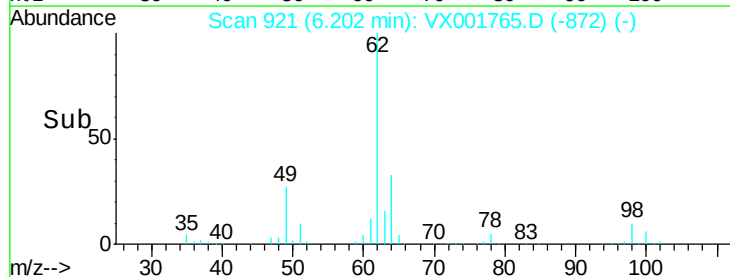
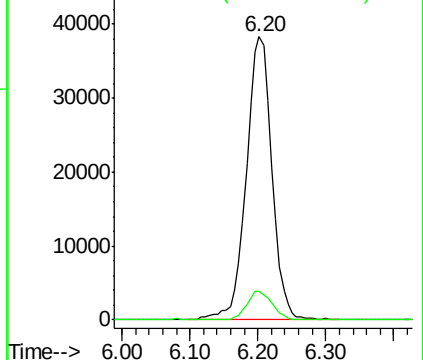


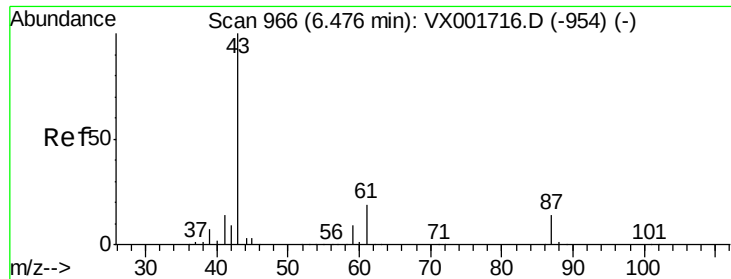
#42
1,2-Dichloroethane
Concen: 20.61 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion:	62	Resp:	100637
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 19.57 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

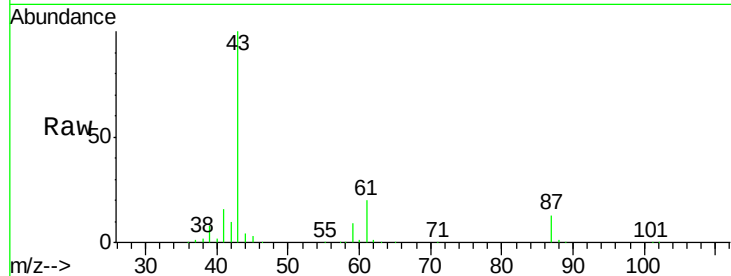
Tgt Ion: 43 Resp: 146261

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

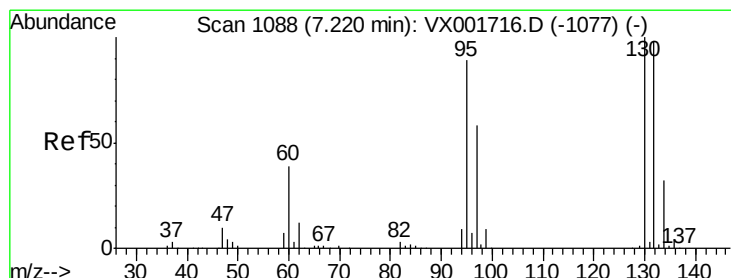
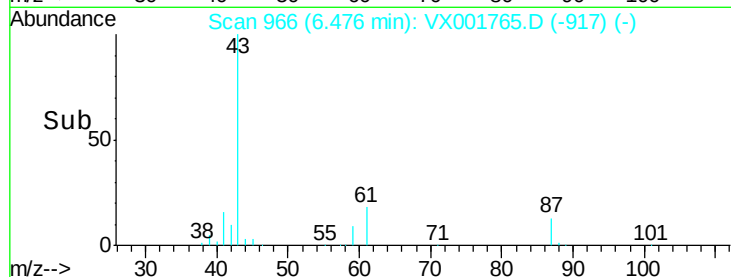
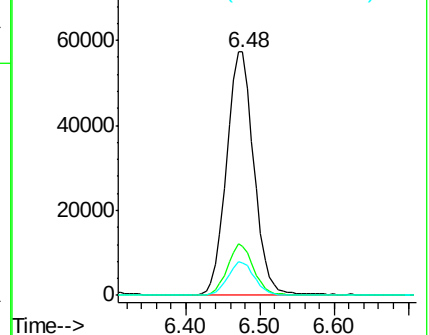
87 13.6 11.0 16.4



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: 20.42 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001765.D

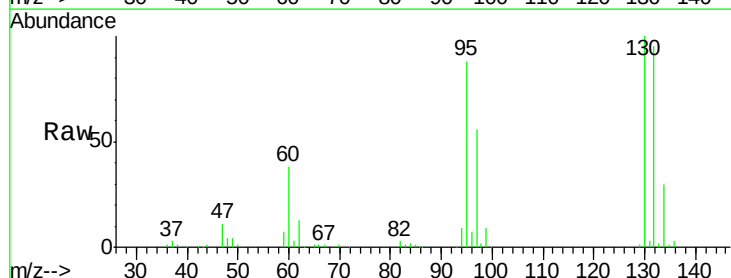
Acq: 16 May 2018 15:33

Tgt Ion: 130 Resp: 85558

Ion Ratio Lower Upper

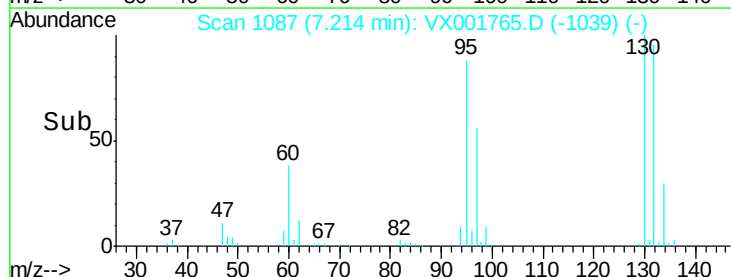
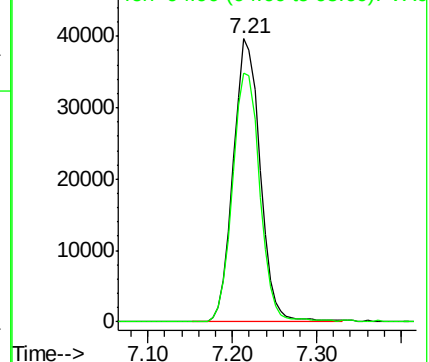
130 100

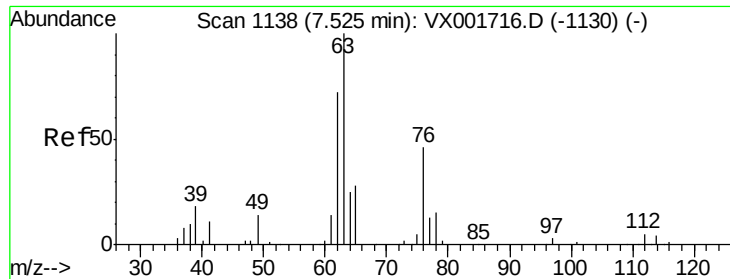
95 88.0 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

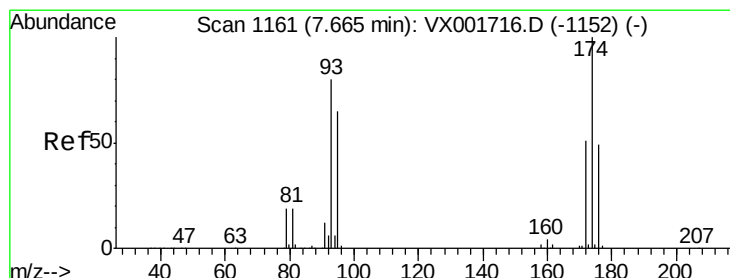
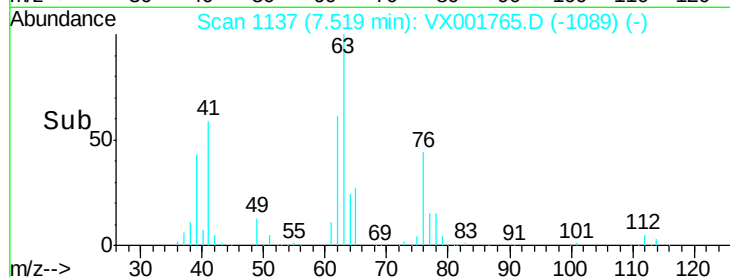
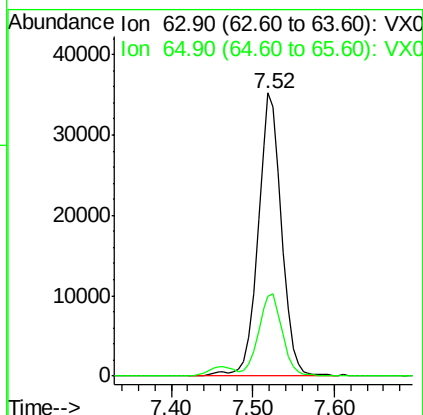
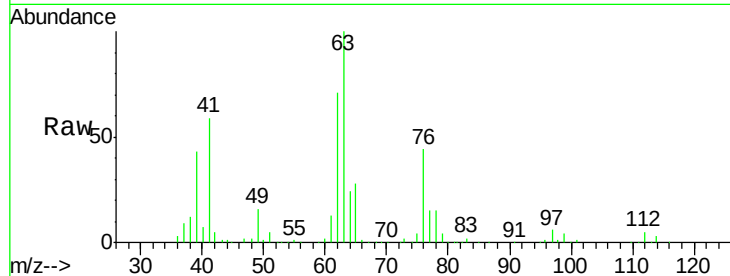




#45
 1,2-Dichloropropane
 Concen: 21.39 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

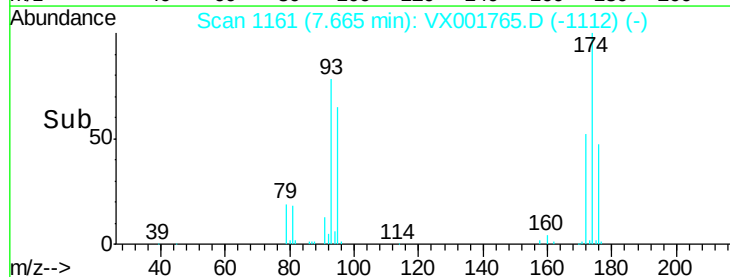
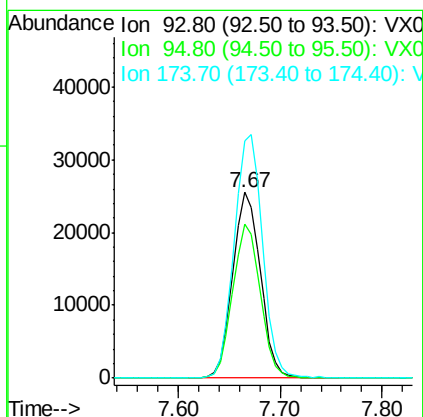
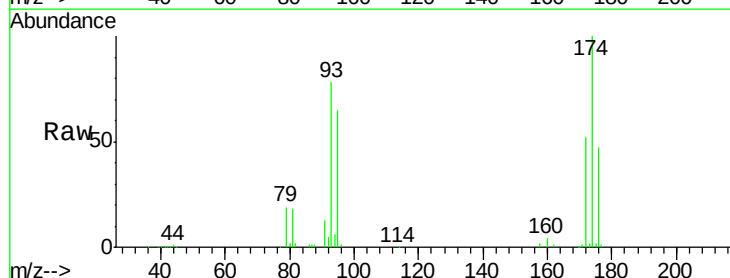
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

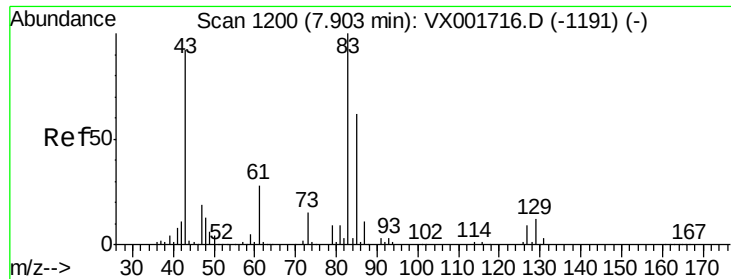
Tgt Ion: 63 Resp: 70854
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.2 36.2



#46
 Dibromomethane
 Concen: 20.74 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion: 93 Resp: 48228
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 133.7 106.2 159.2





#47

Bromodichloromethane

Concen: 20.79 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

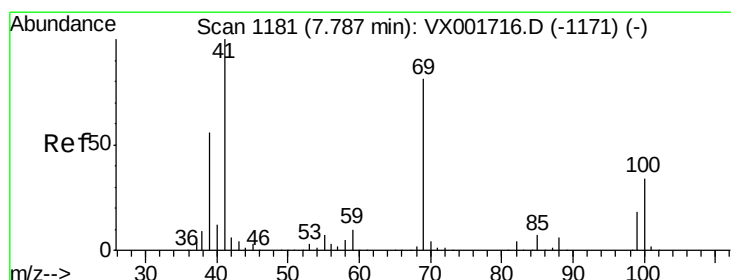
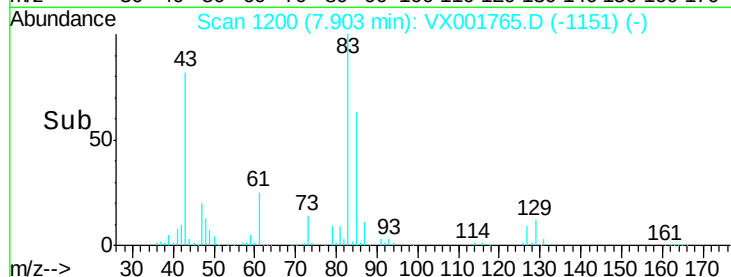
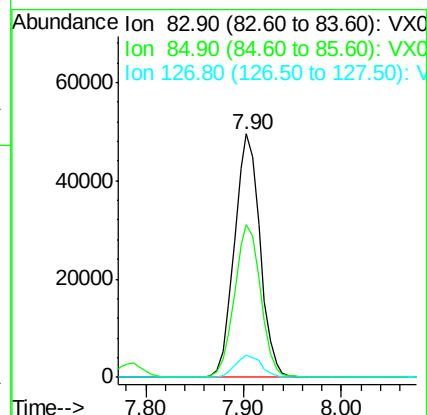
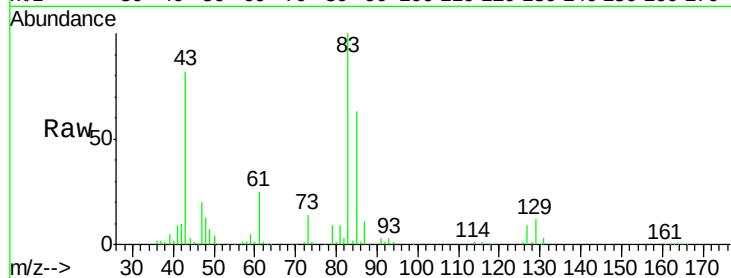
Tgt Ion: 83 Resp: 89709

Ion Ratio Lower Upper

83 100

85 63.0 49.6 74.4

127 9.2 7.5 11.3



#48

Methyl methacrylate

Concen: 20.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

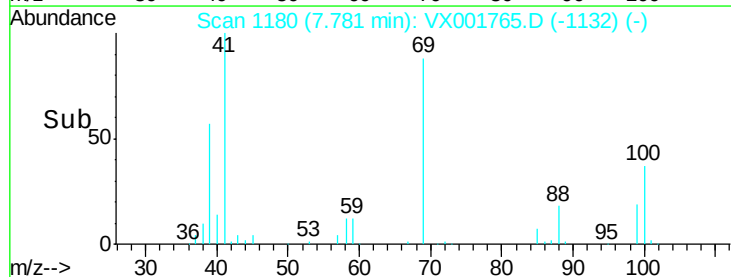
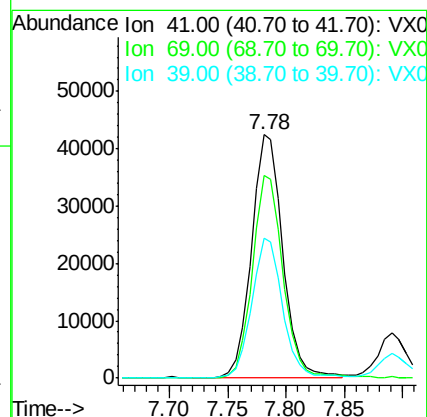
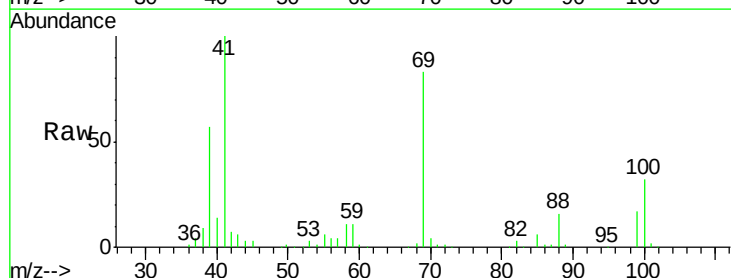
Tgt Ion: 41 Resp: 78891

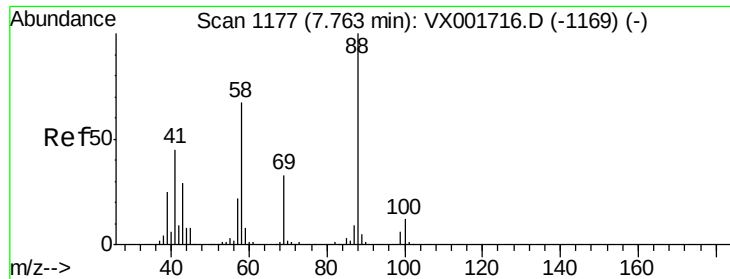
Ion Ratio Lower Upper

41 100

69 82.7 65.2 97.8

39 56.8 44.5 66.7

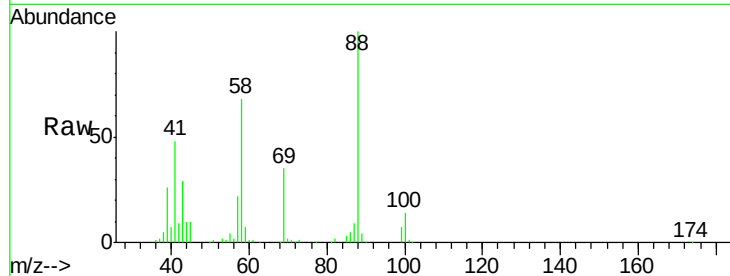




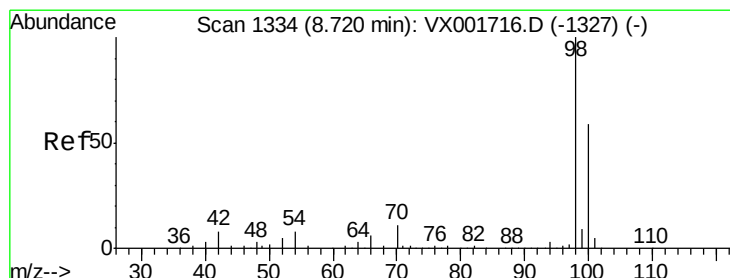
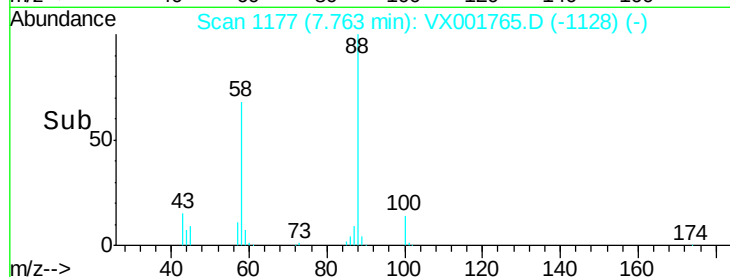
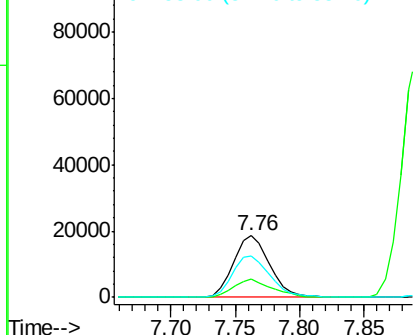
#49
1,4-Dioxane
Concen: 476.63 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

Tgt Ion: 88 Resp: 36098
Ion Ratio Lower Upper
88 100
43 31.7 27.3 40.9
58 69.9 55.9 83.9

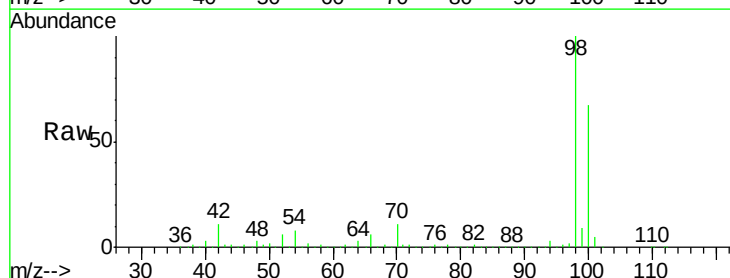


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

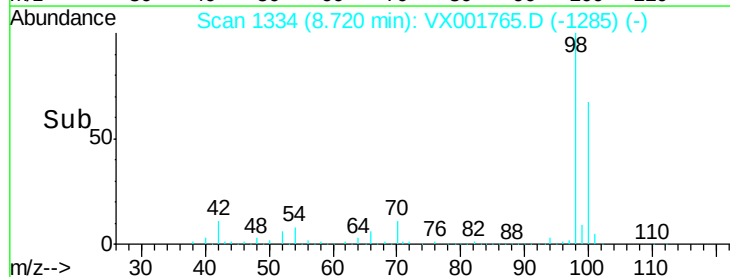
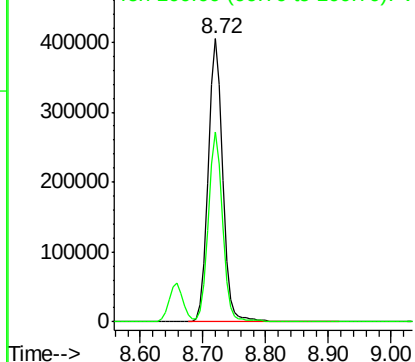


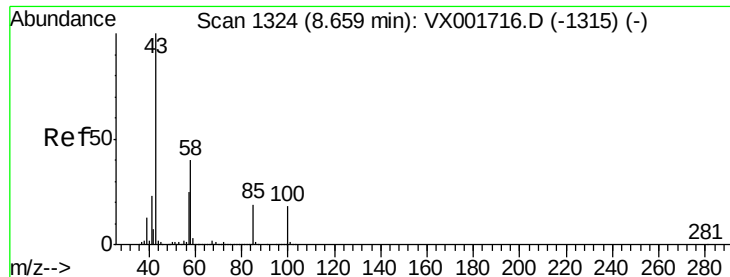
#50
Toluene-d8
Concen: 53.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 98 Resp: 647380
Ion Ratio Lower Upper
98 100
100 66.3 54.0 81.0



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

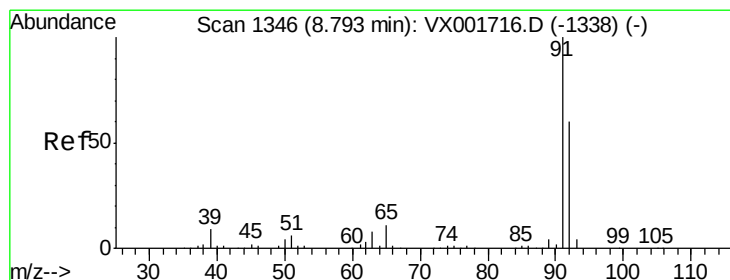
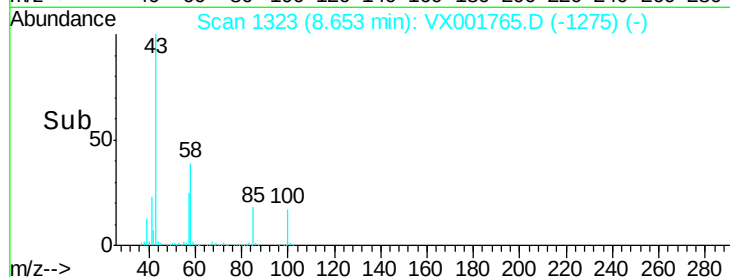
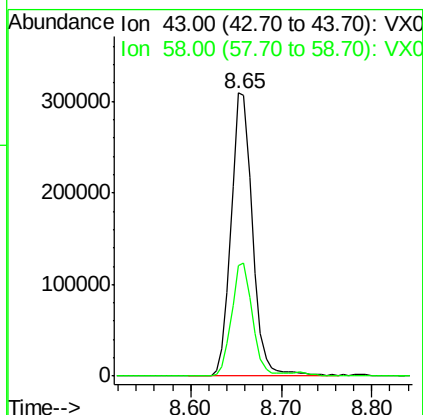
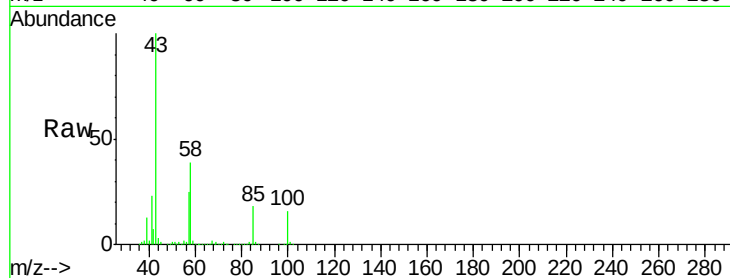




#51
 4-Methyl-2-Pentanone
 Concen: 107.67 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

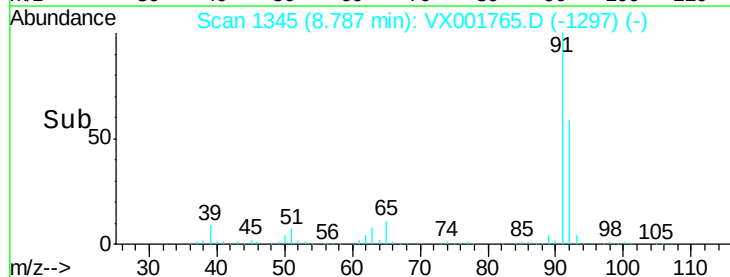
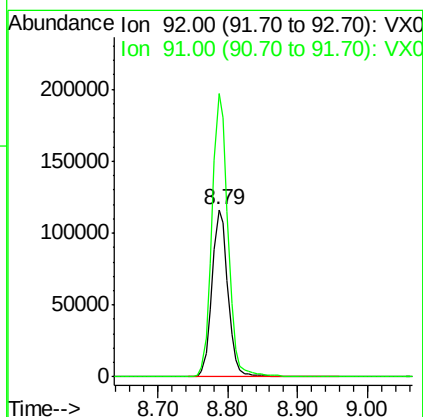
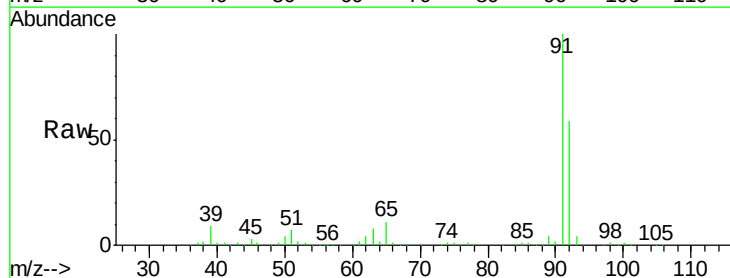
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

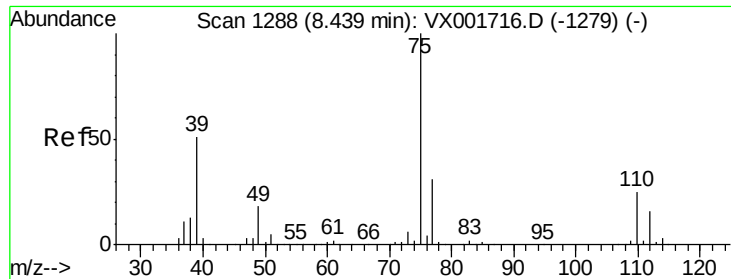
Tgt Ion: 43 Resp: 509891
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.4 47.0



#52
 Toluene
 Concen: 21.36 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion: 92 Resp: 185291
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 20.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

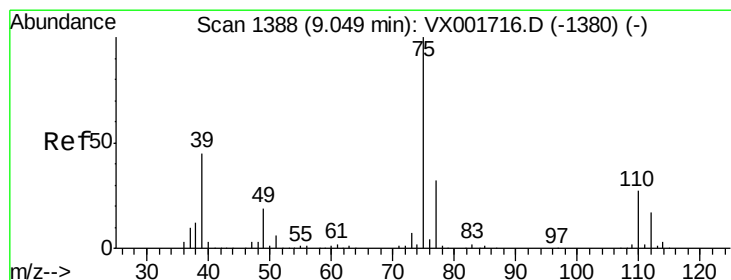
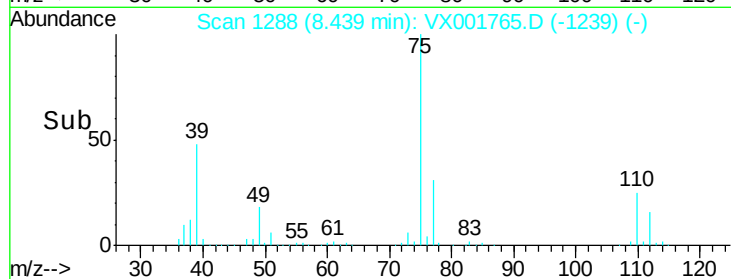
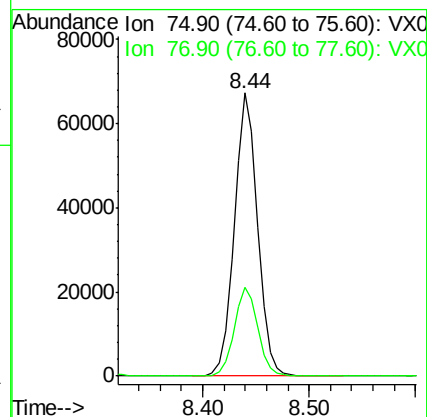
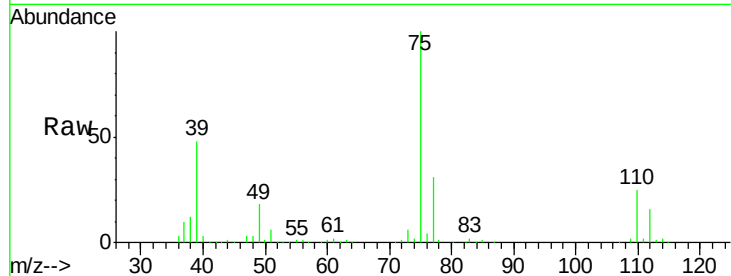
VX0516WBS01

Tgt Ion: 75 Resp: 102552

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

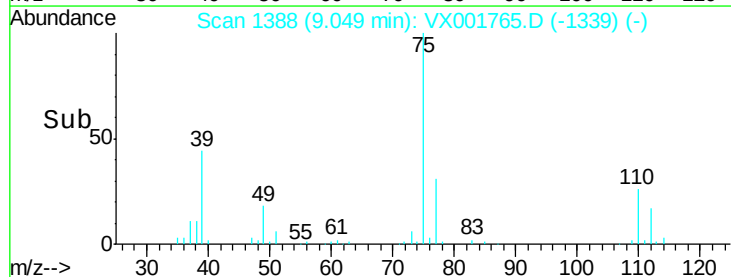
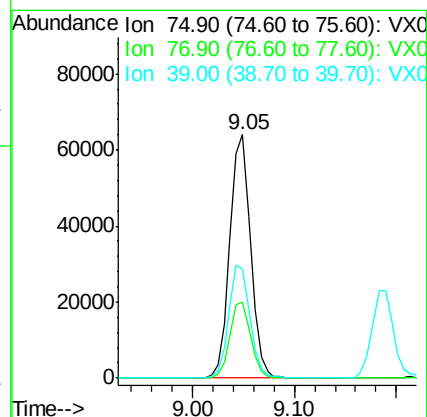
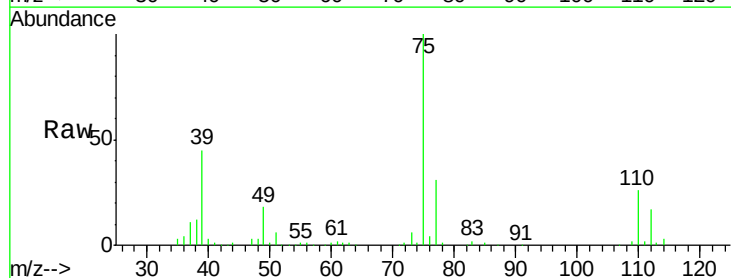
Tgt Ion: 75 Resp: 90487

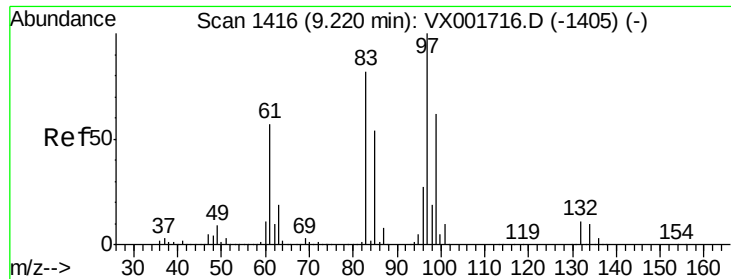
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 44.7 36.1 54.1

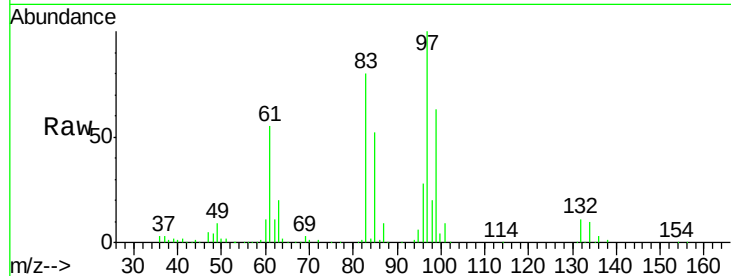




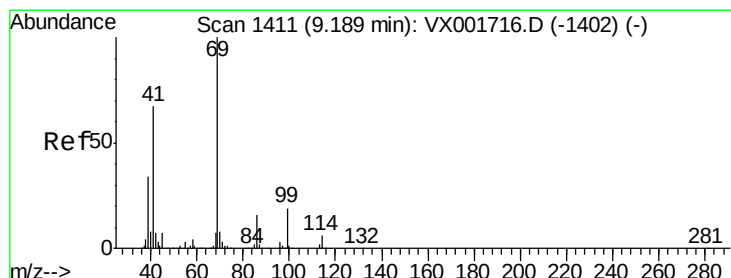
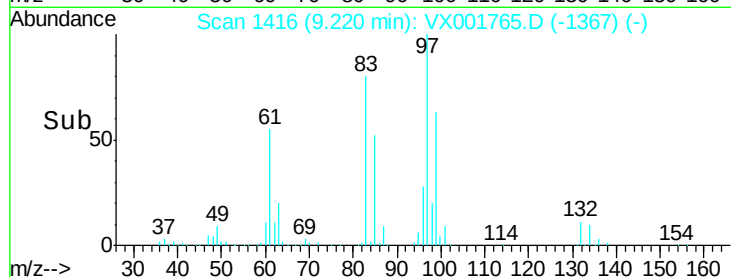
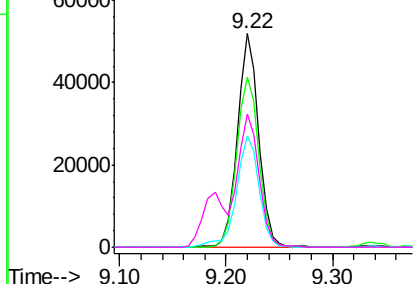
#55
 1,1,2-Trichloroethane
 Concen: 21.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

Tgt Ion:	97	Resp:	72657
Ion	Ratio	Lower	Upper
97	100		
83	79.7	65.8	98.8
85	52.4	43.4	65.0
99	62.5	49.8	74.6

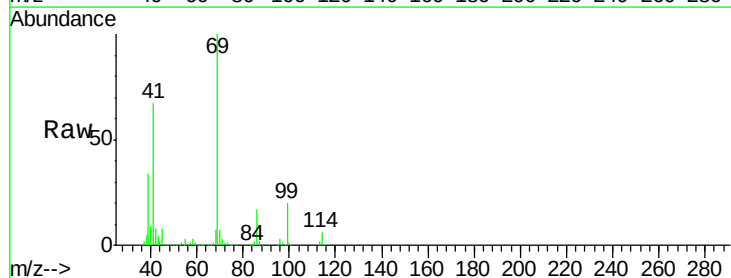


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

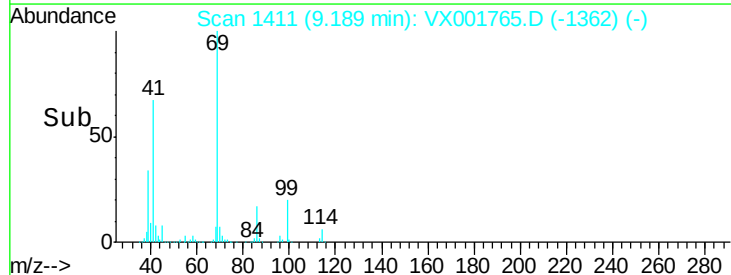
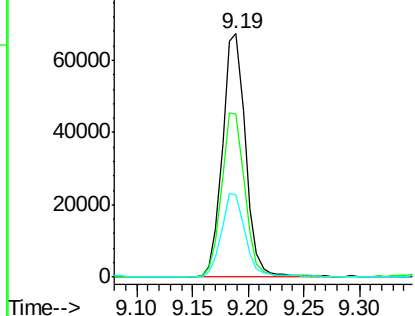


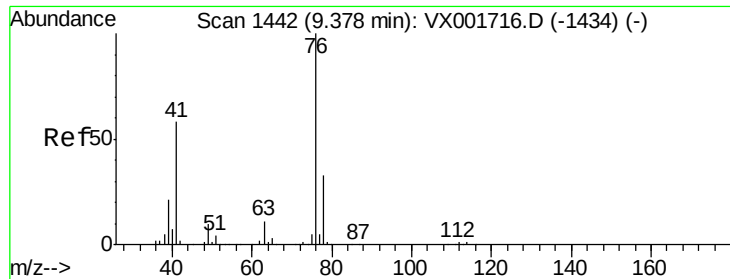
#56
 Ethyl methacrylate
 Concen: 20.65 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion:	69	Resp:	97102
Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.5	80.3
39	35.1	27.2	40.8



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





#57

1,3-Dichloropropane

Concen: 19.90 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

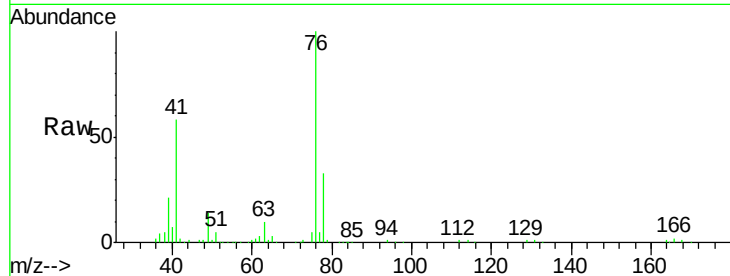
VX0516WBS01

Tgt Ion: 76 Resp: 110479

Ion Ratio Lower Upper

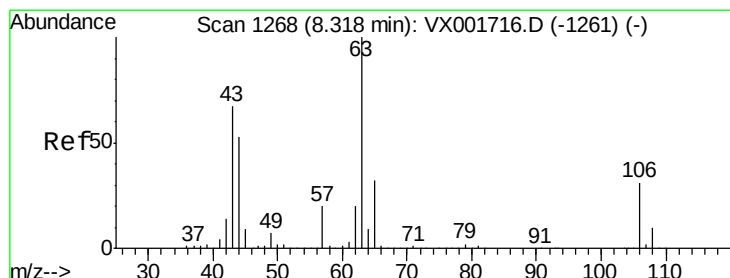
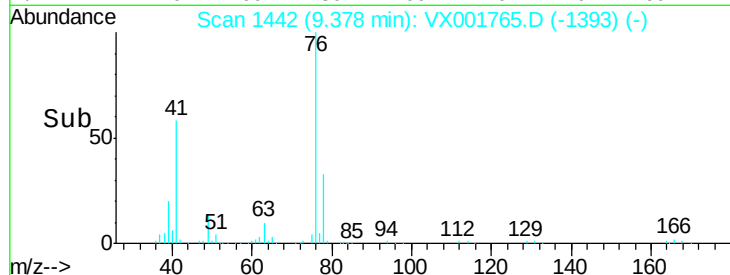
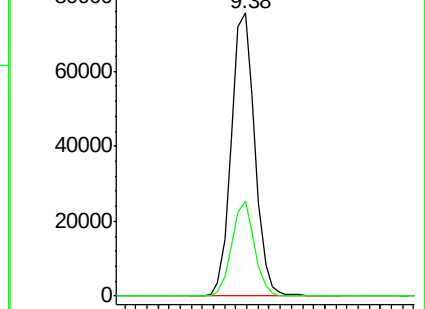
76 100

78 32.3 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: 103.98 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX001765.D

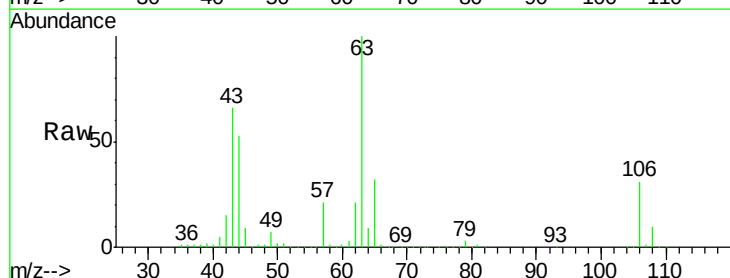
Acq: 16 May 2018 15:33

Tgt Ion: 63 Resp: 251480

Ion Ratio Lower Upper

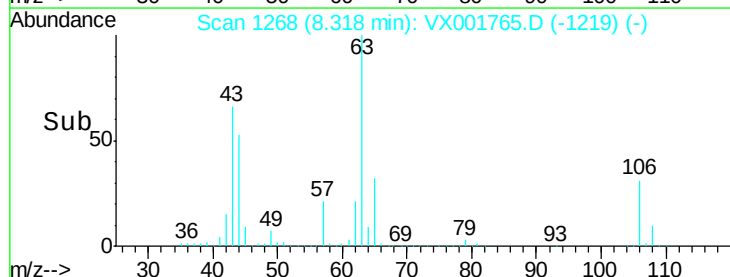
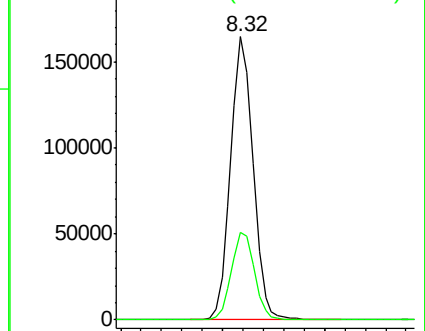
63 100

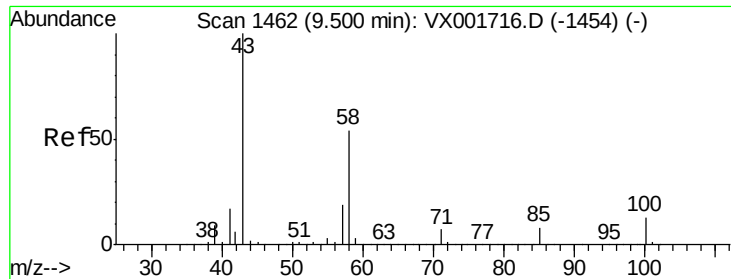
106 31.8 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

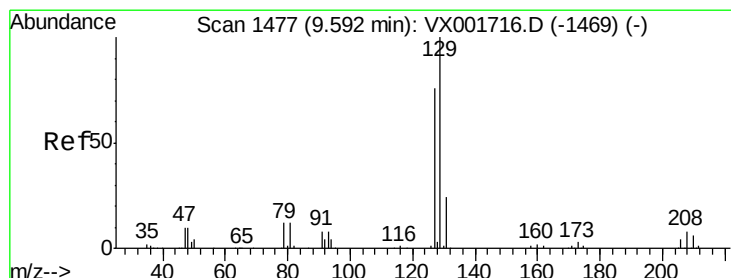
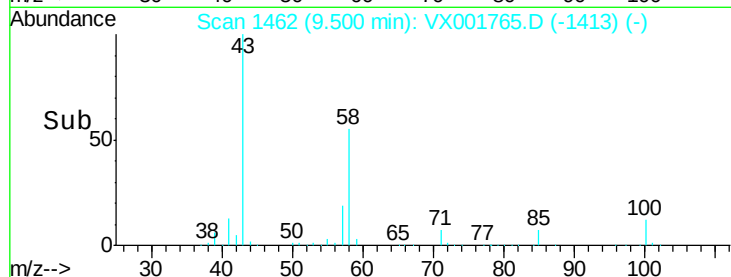
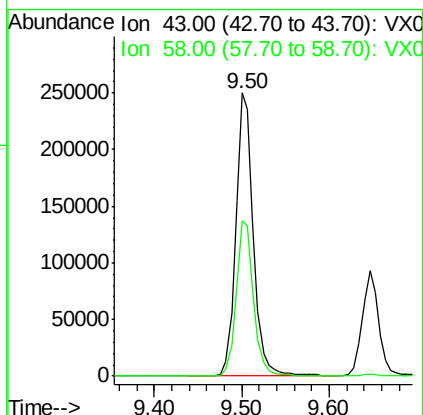
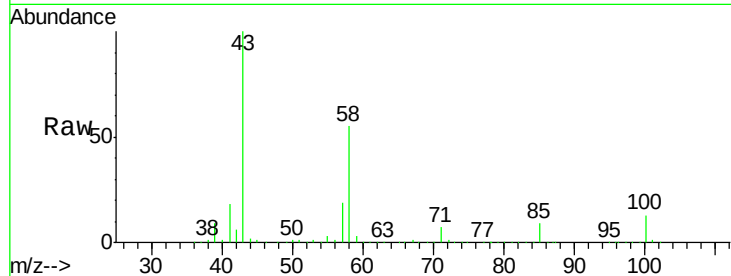




#59
2-Hexanone
Concen: 103.26 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

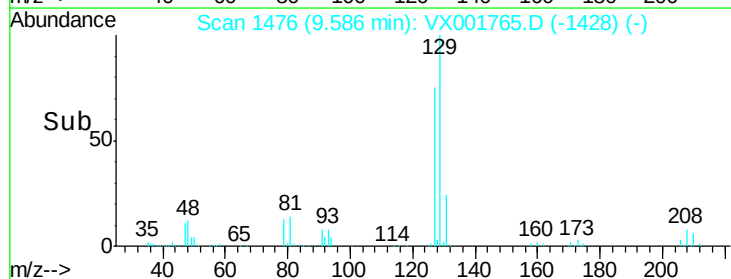
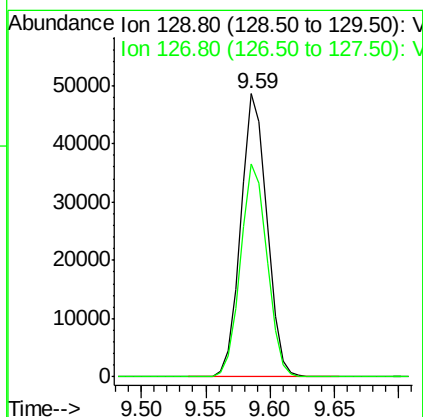
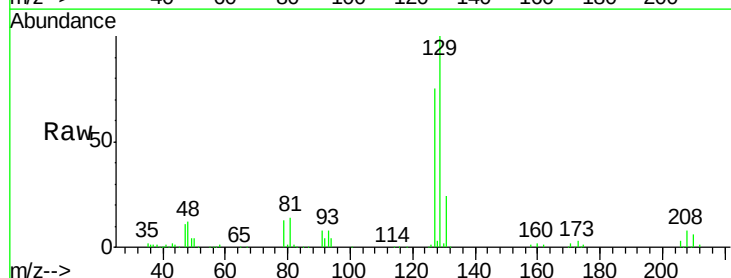
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

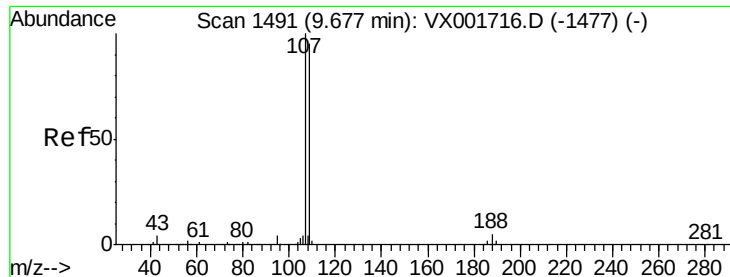
Tgt Ion: 43 Resp: 350076
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1



#60
Dibromochloromethane
Concen: 20.07 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 129 Resp: 68140
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.07 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

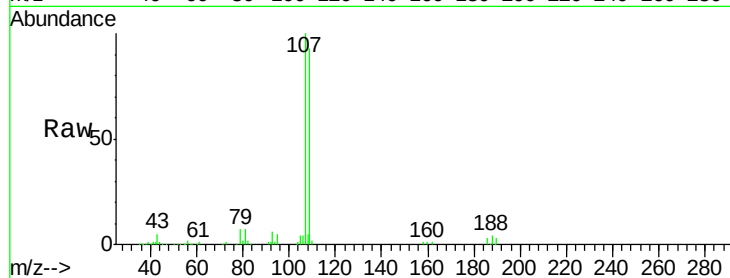
VX0516WBS01

Tgt Ion: 107 Resp: 69653

Ion Ratio Lower Upper

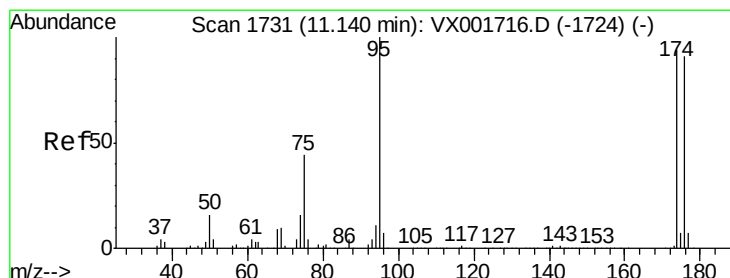
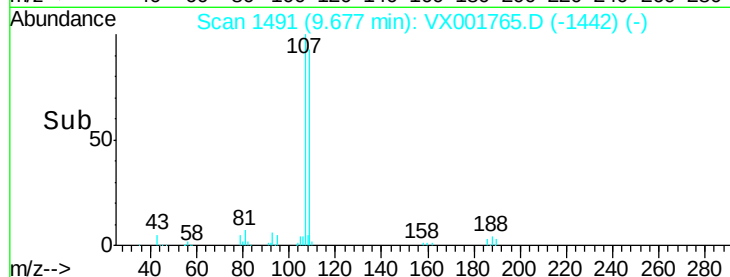
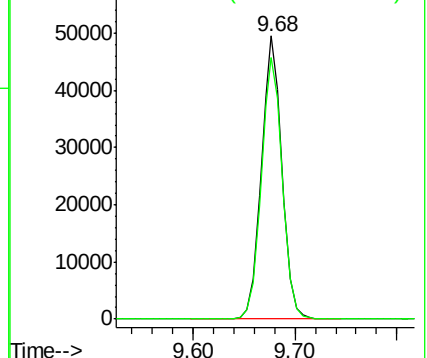
107 100

109 94.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

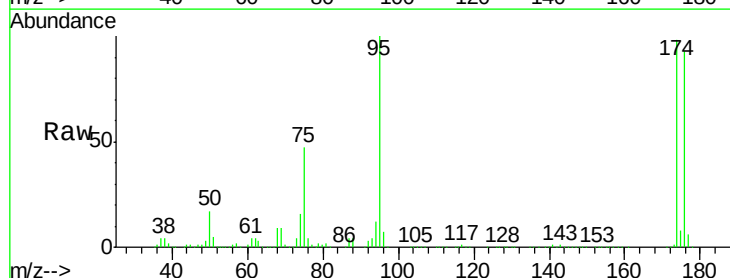
Tgt Ion: 95 Resp: 207004

Ion Ratio Lower Upper

95 100

174 103.9 0.0 201.8

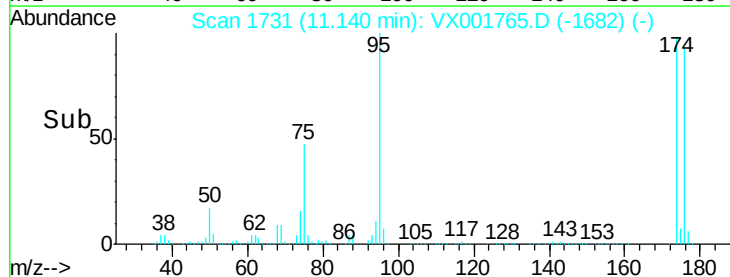
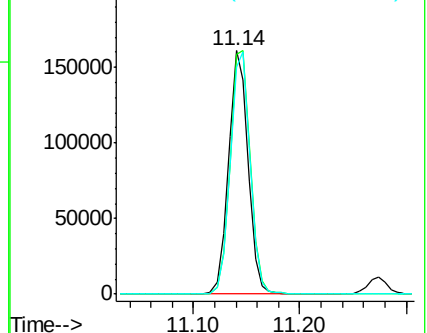
176 101.1 0.0 196.8

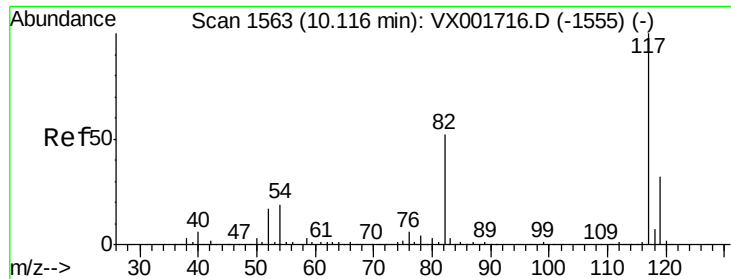


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

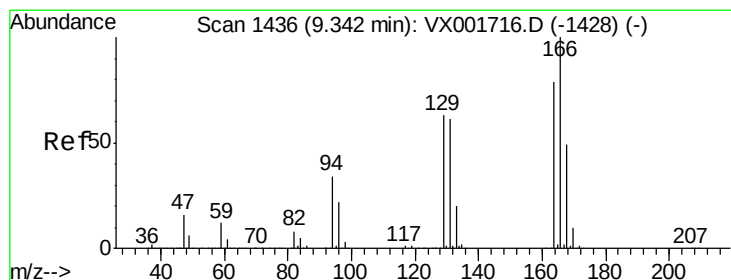
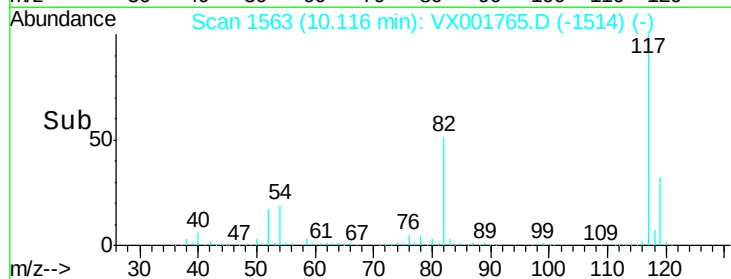
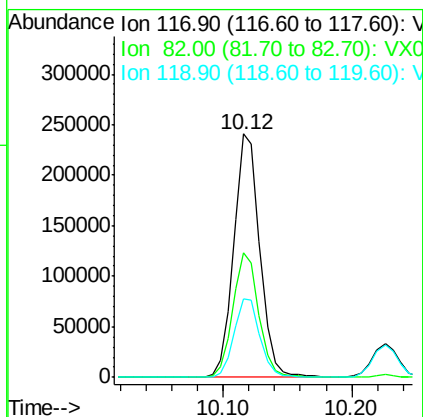
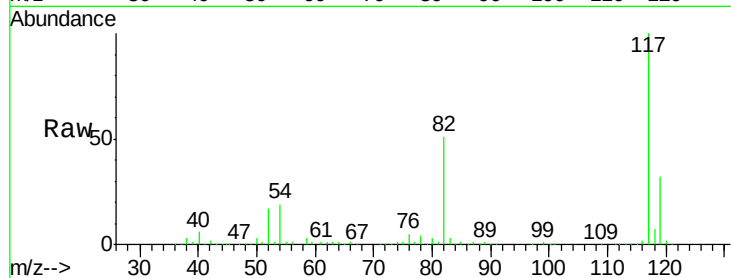




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

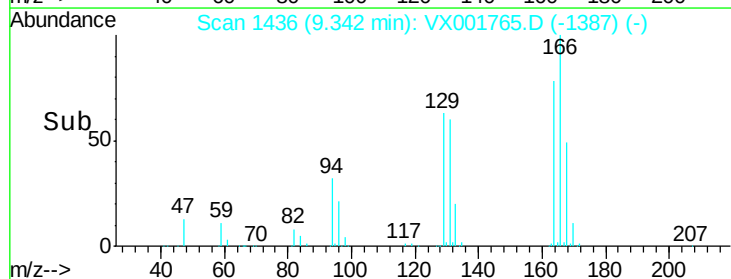
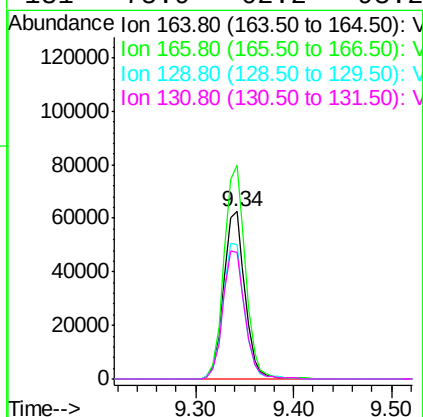
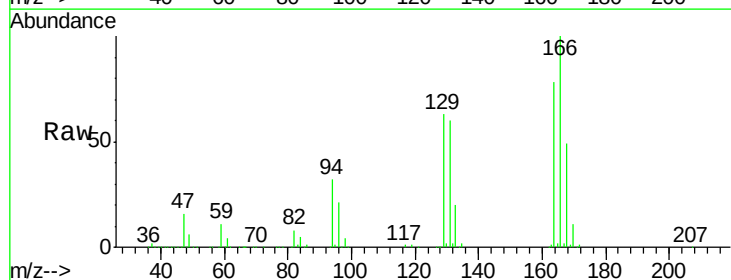
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

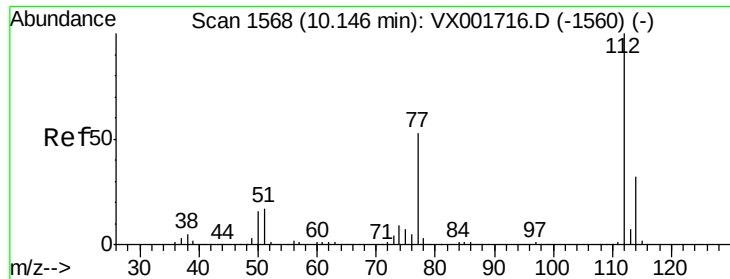
Tgt Ion:117 Resp: 339127
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 21.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion:164 Resp: 94440
Ion Ratio Lower Upper
164 100
166 127.5 101.8 152.8
129 80.6 63.8 95.6
131 75.9 62.2 93.2





#65

Chlorobenzene

Concen: 20.49 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampled :

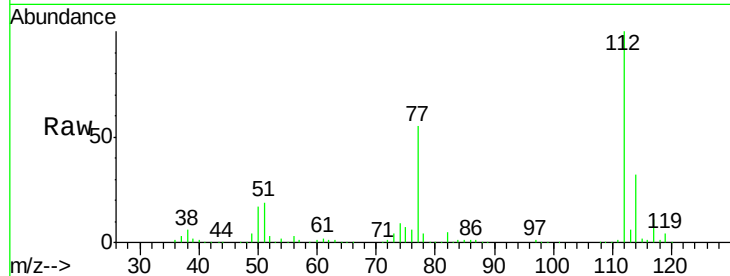
VX0516WBS01

Tgt Ion:112 Resp: 191143

Ion Ratio Lower Upper

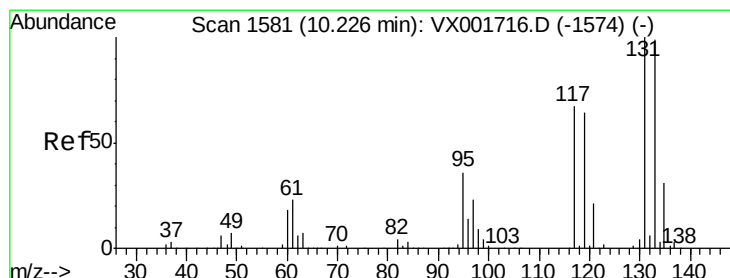
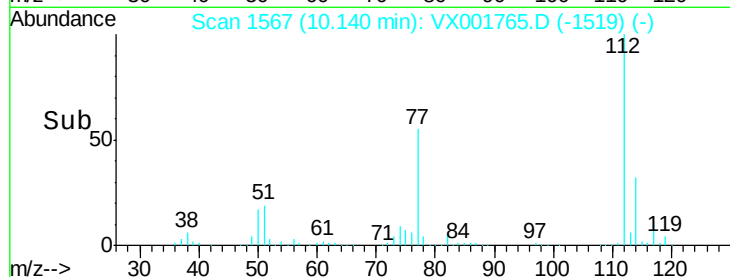
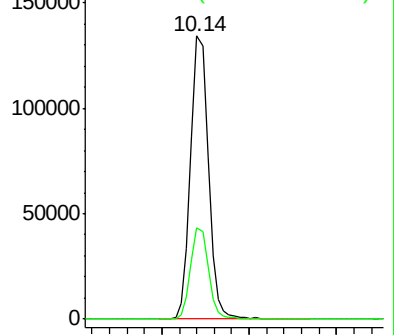
112 100

114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.93 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

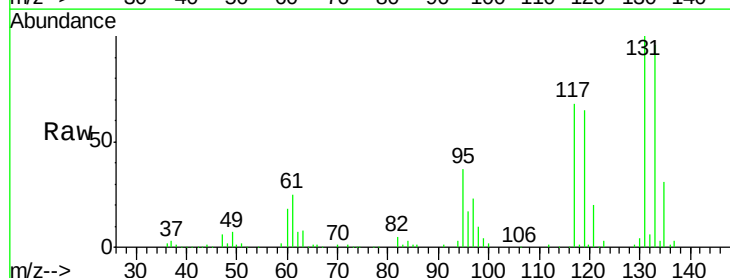
Tgt Ion:131 Resp: 68955

Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.6

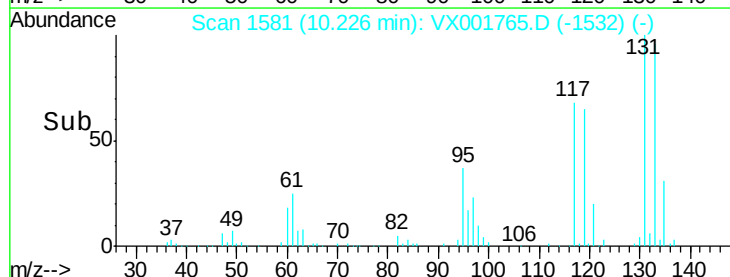
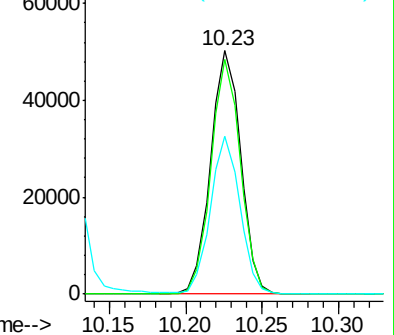
119 63.5 31.9 95.5

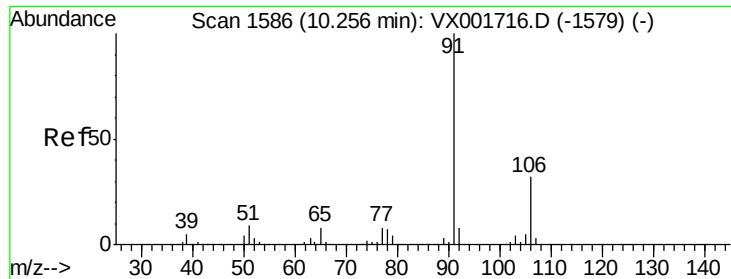


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

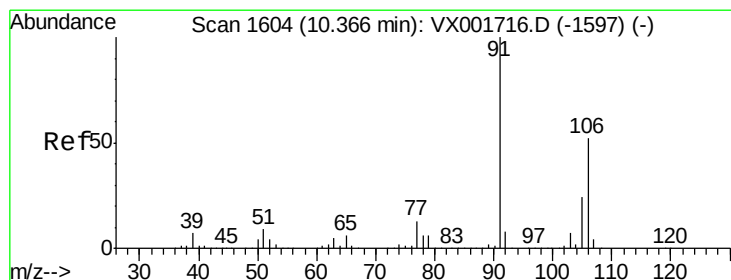
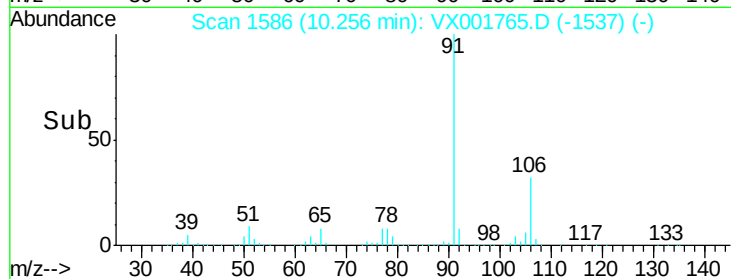
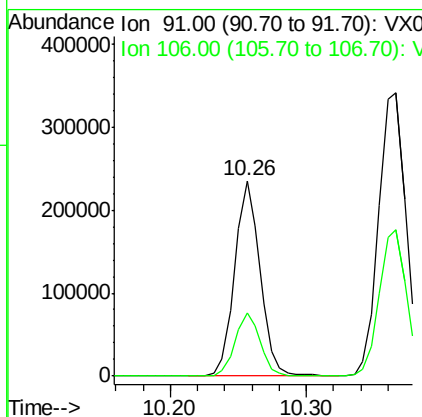
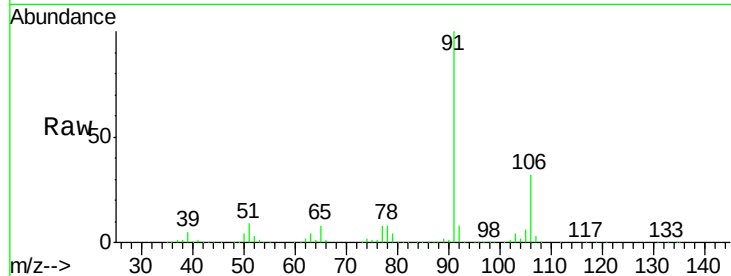




#67
Ethyl Benzene
Concen: 20.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

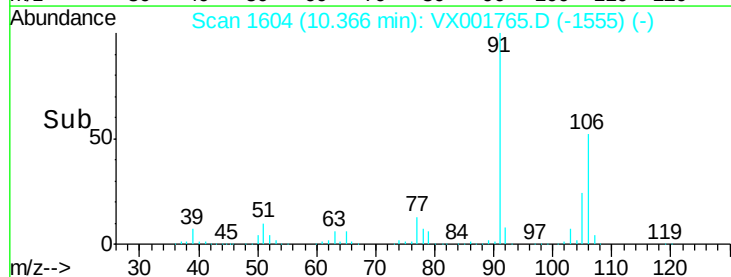
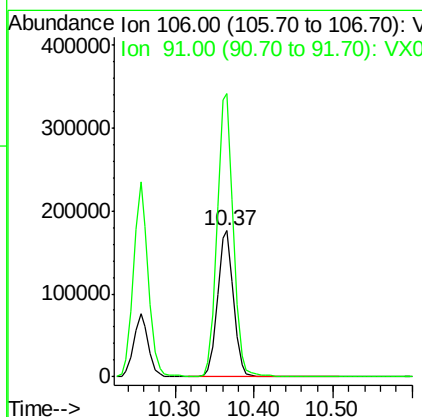
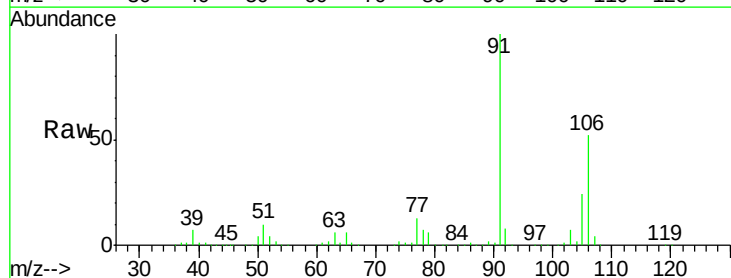
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

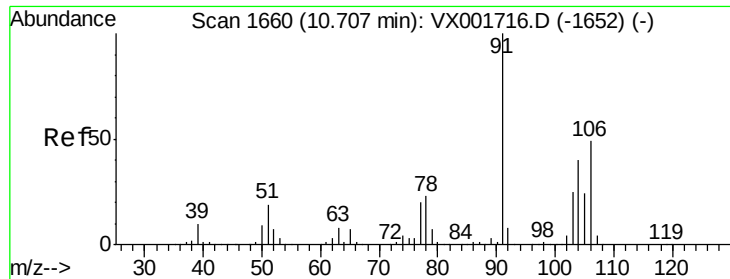
Tgt Ion: 91 Resp: 306927
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 42.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 106 Resp: 248913
Ion Ratio Lower Upper
106 100
91 195.6 155.4 233.2

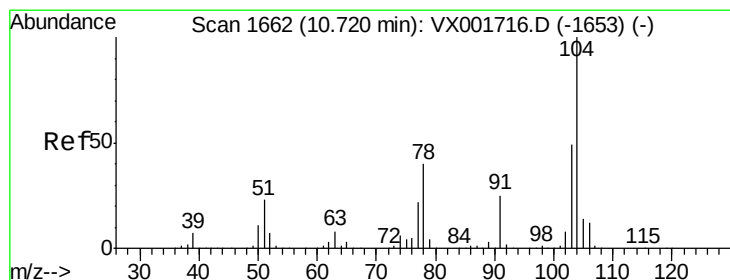
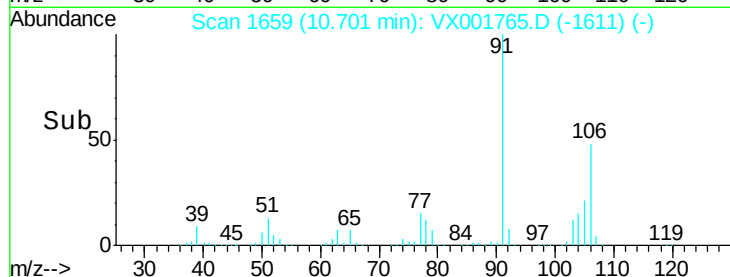
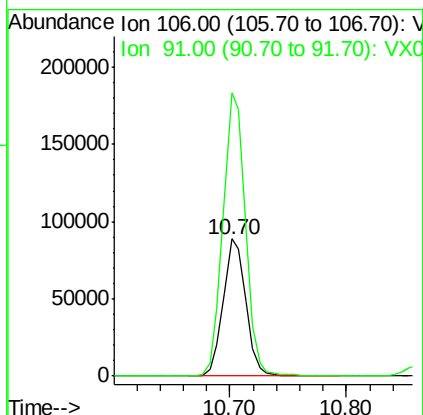
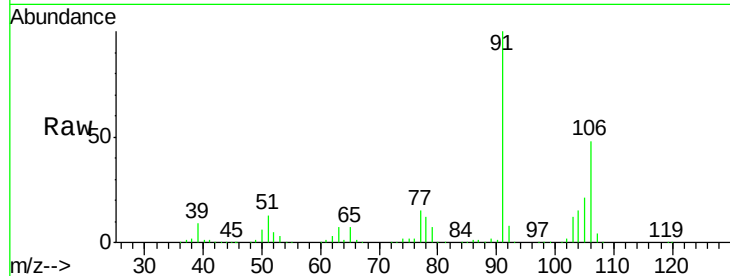




#69
o-Xylene
Concen: 21.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

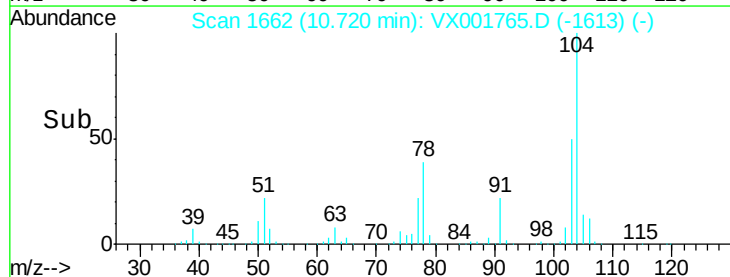
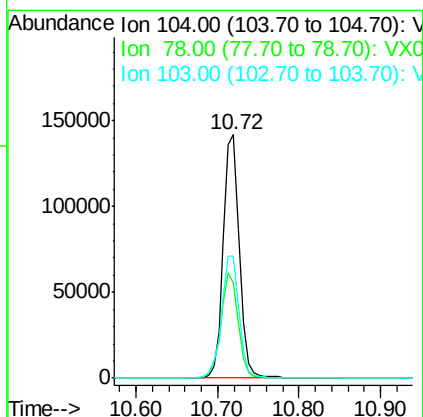
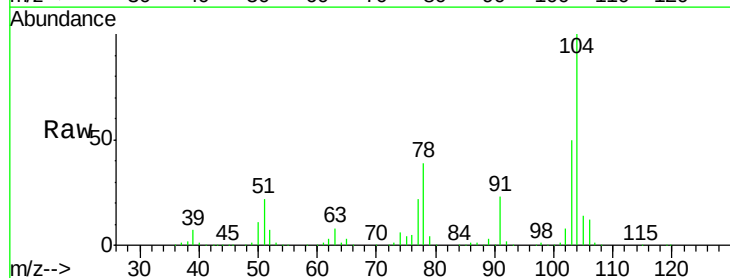
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

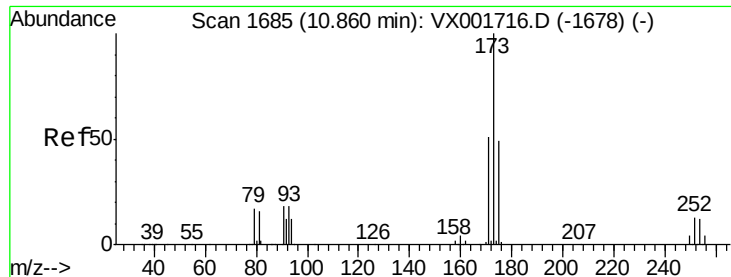
Tgt Ion:106 Resp: 118772
Ion Ratio Lower Upper
106 100
91 206.8 103.4 310.2



#70
Styrene
Concen: 20.94 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion:104 Resp: 194581
Ion Ratio Lower Upper
104 100
78 46.5 37.3 55.9
103 54.9 43.7 65.5

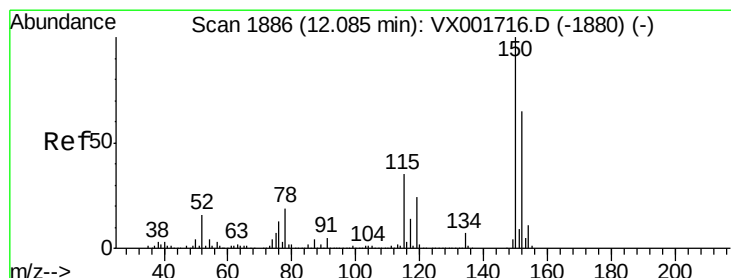
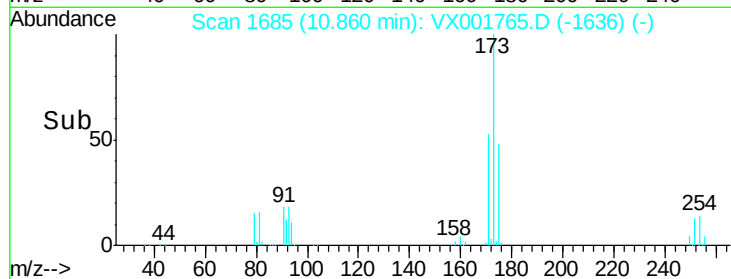
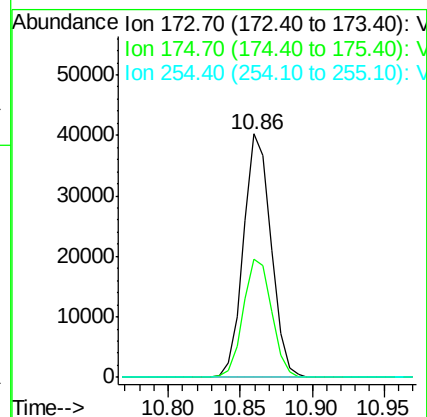
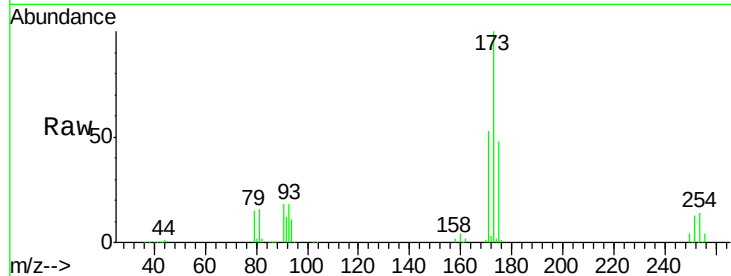




#71
Bromoform
Concen: 19.34 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

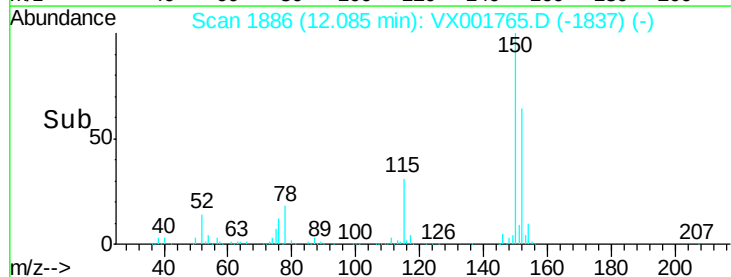
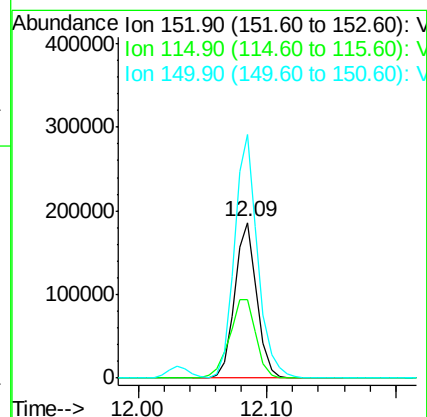
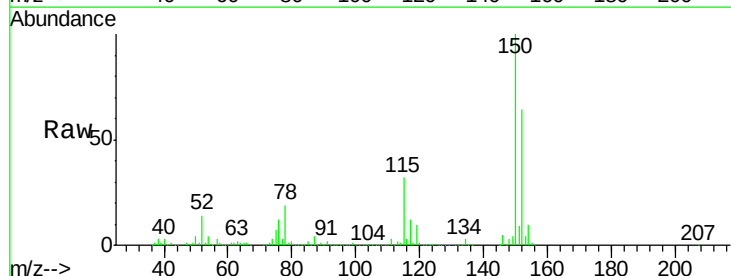
Instrument :
MSVOA_X
ClientSampled :
VX0516WBS01

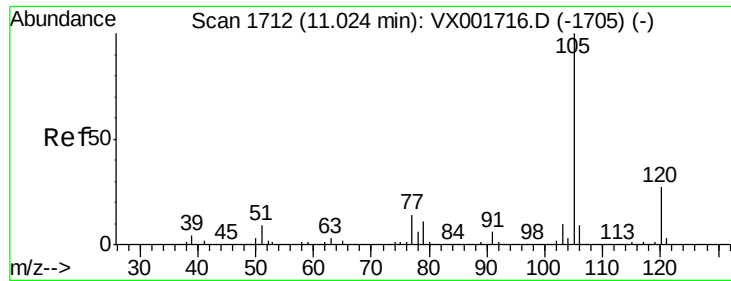
Tgt Ion:173 Resp: 53453
Ion Ratio Lower Upper
173 100
175 50.0 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion:152 Resp: 222793
Ion Ratio Lower Upper
152 100
115 61.0 37.4 112.2
150 164.1 0.0 344.8





#73

Isopropylbenzene

Concen: 21.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampled :

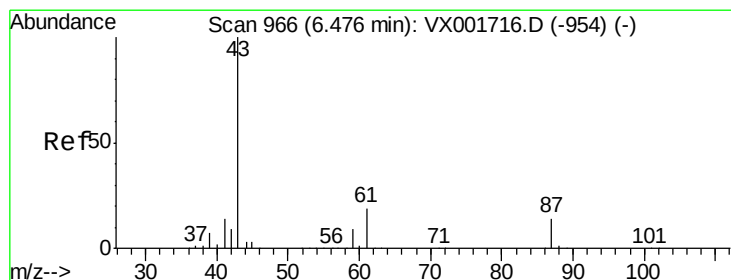
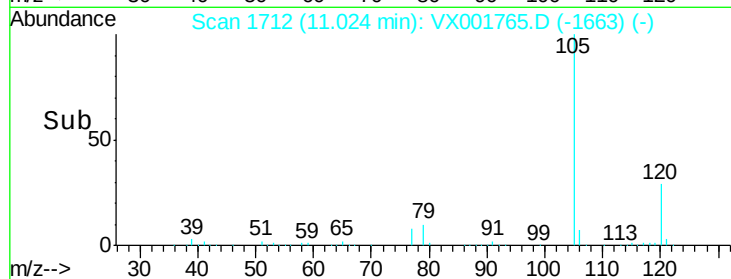
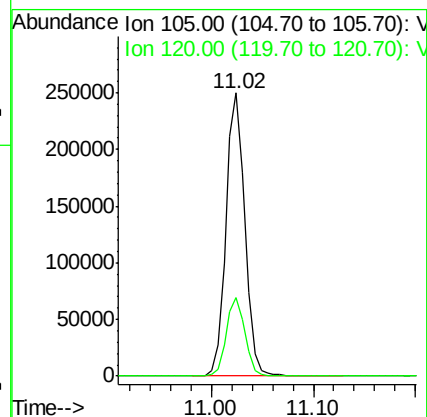
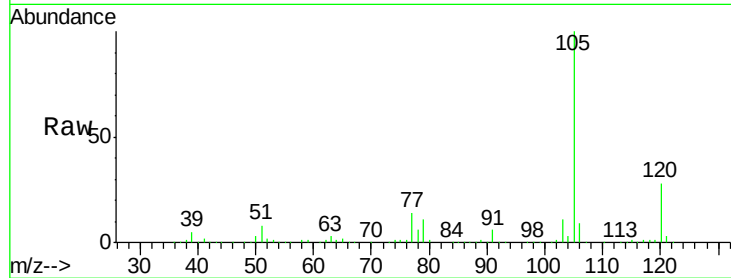
VX0516WBS01

Tgt Ion:105 Resp: 322004

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 20.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Tgt Ion: 43 Resp: 146261

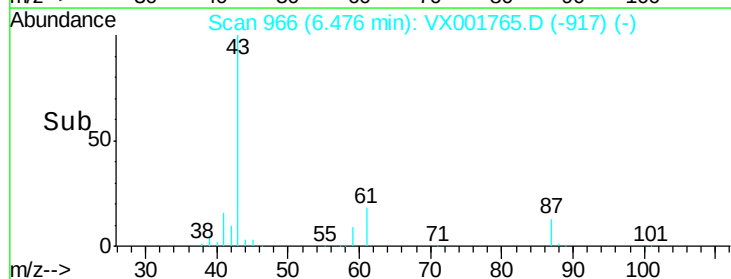
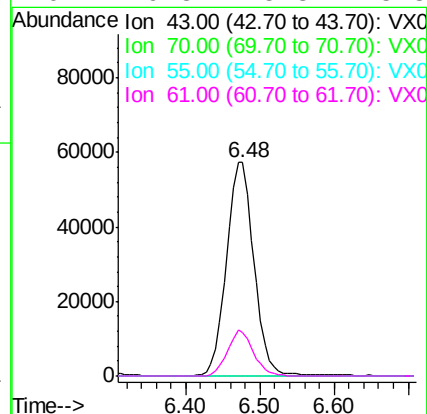
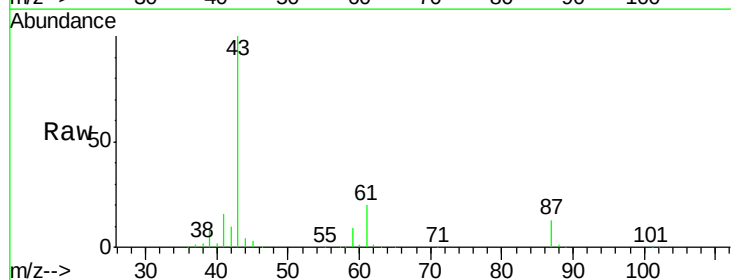
Ion Ratio Lower Upper

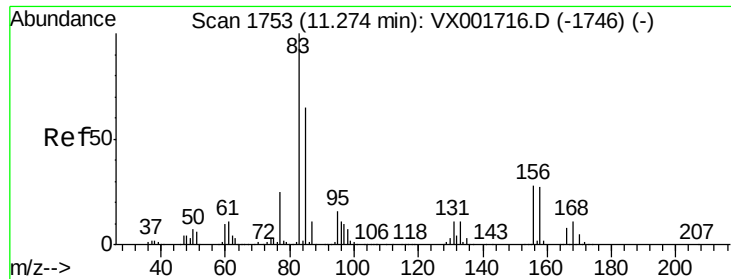
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.3 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

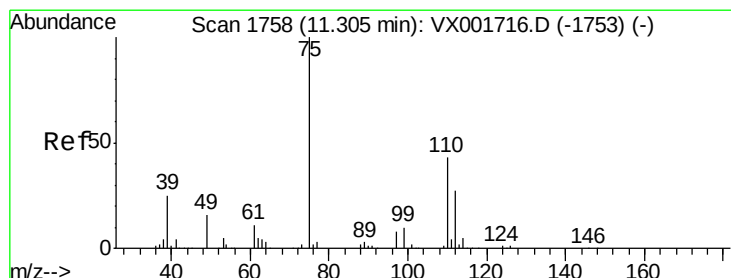
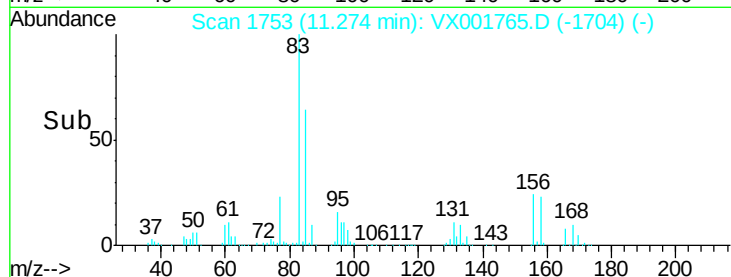
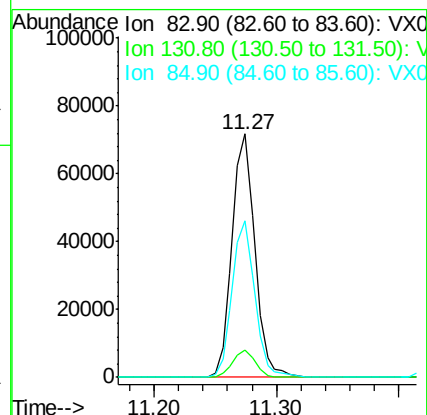
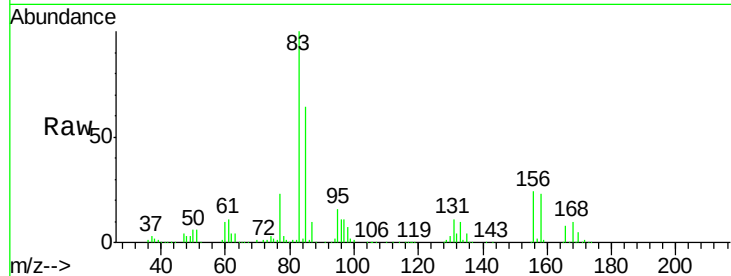
Tgt Ion: 83 Resp: 92630

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 64.2 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 25.26 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001765.D

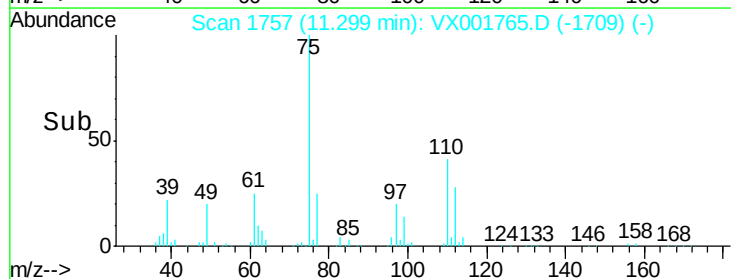
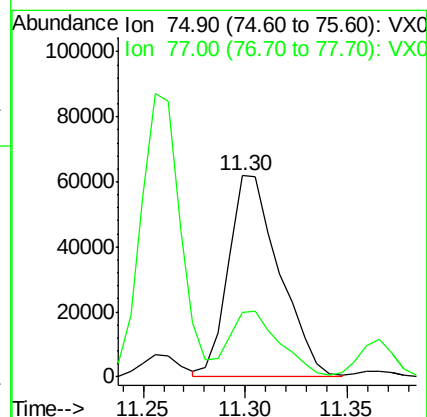
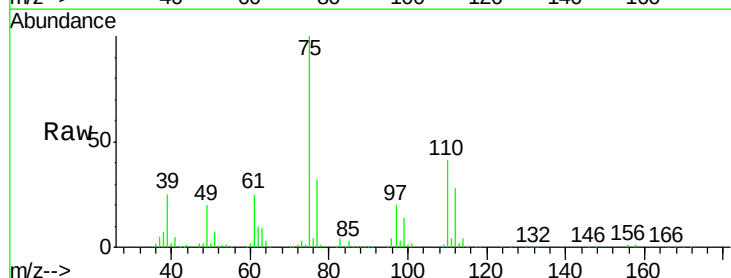
Acq: 16 May 2018 15:33

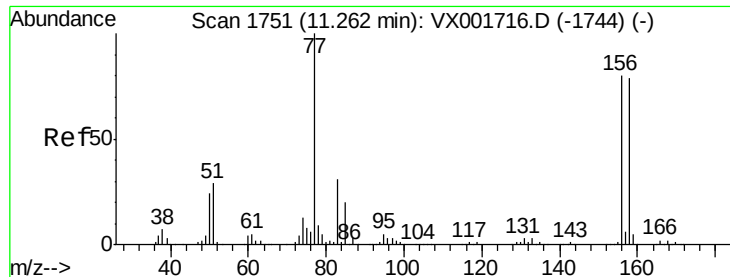
Tgt Ion: 75 Resp: 107035

Ion Ratio Lower Upper

75 100

77 32.8 18.9 56.7





#77

Bromobenzene

Concen: 21.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

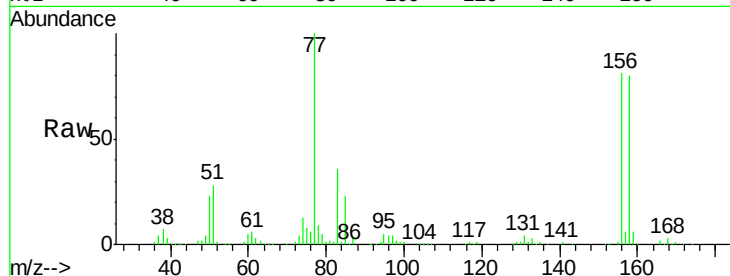
Tgt Ion:156 Resp: 91577

Ion Ratio Lower Upper

156 100

77 126.9 65.3 196.0

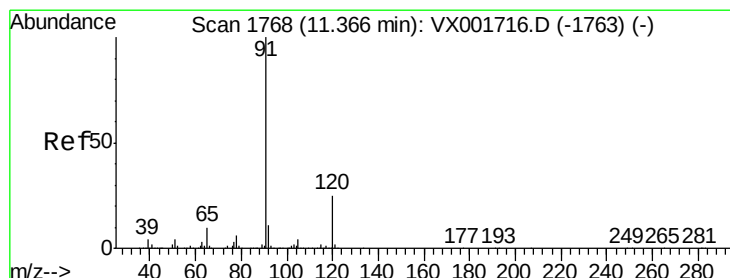
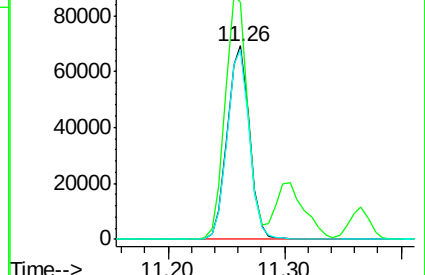
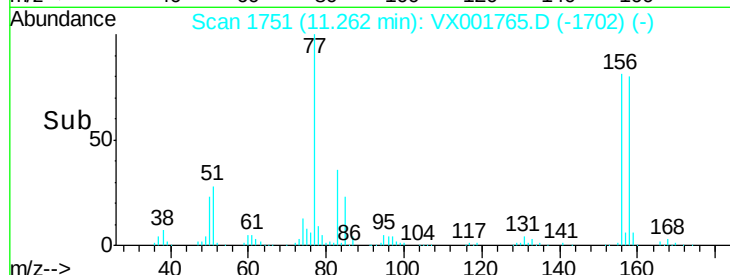
158 97.6 49.1 147.3



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: 21.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001765.D

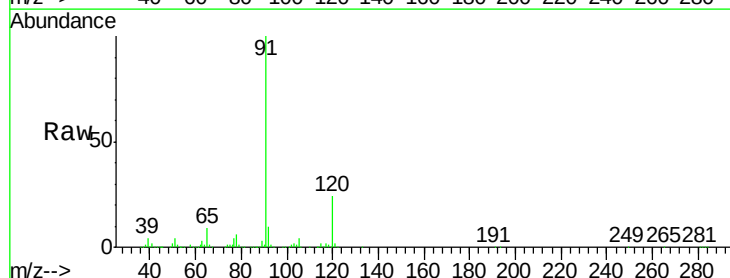
Acq: 16 May 2018 15:33

Tgt Ion: 91 Resp: 358032

Ion Ratio Lower Upper

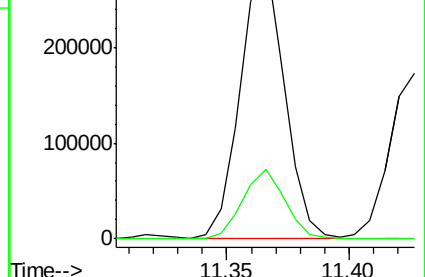
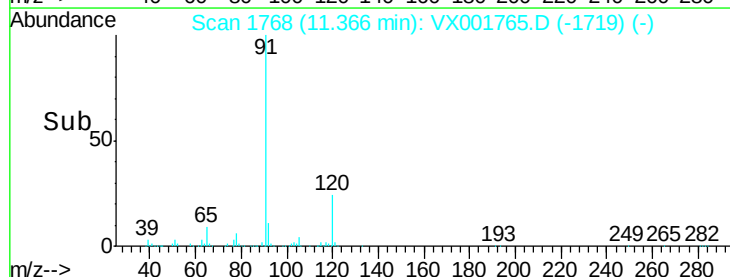
91 100

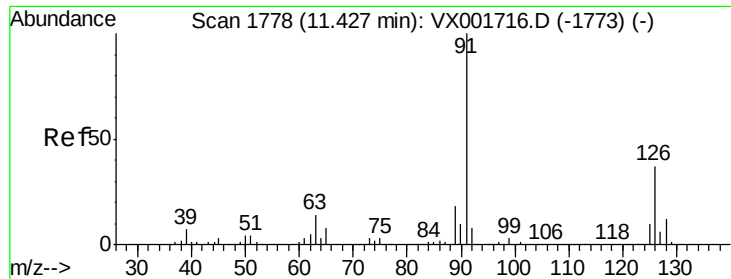
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

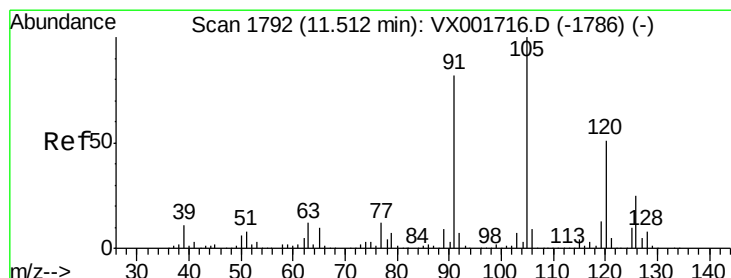
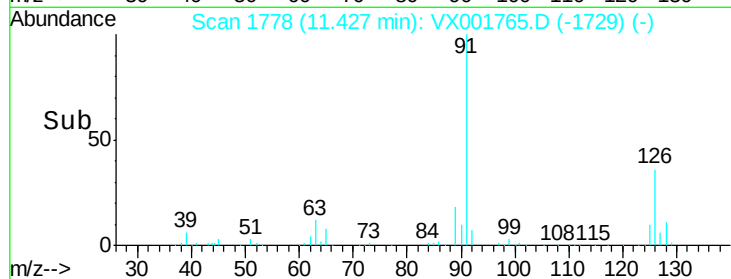
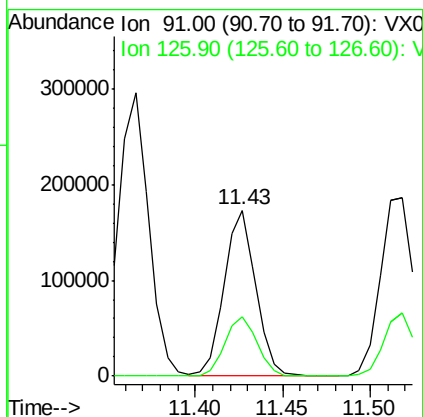
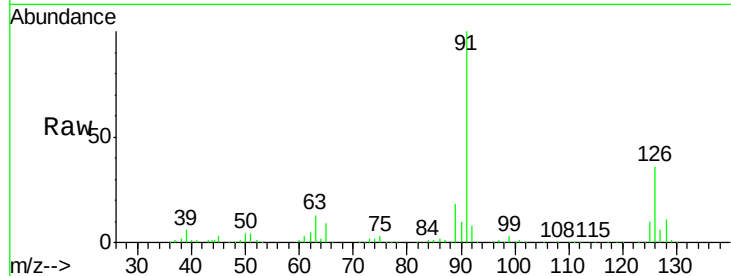




#79
 2-Chlorotoluene
 Concen: 21.77 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

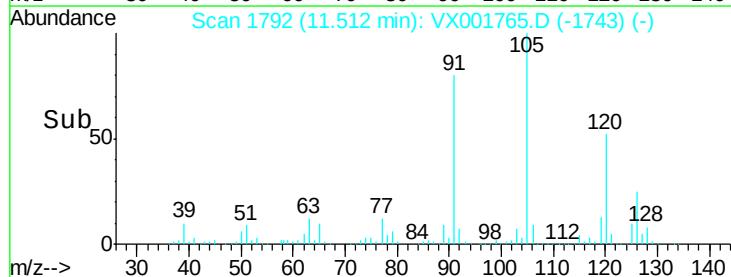
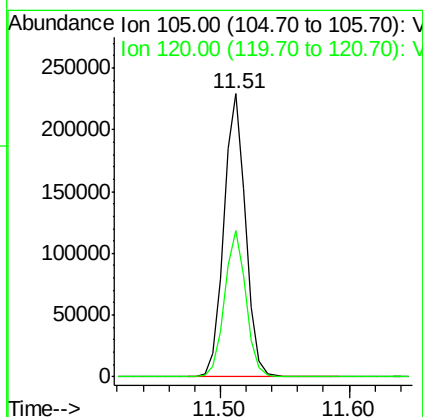
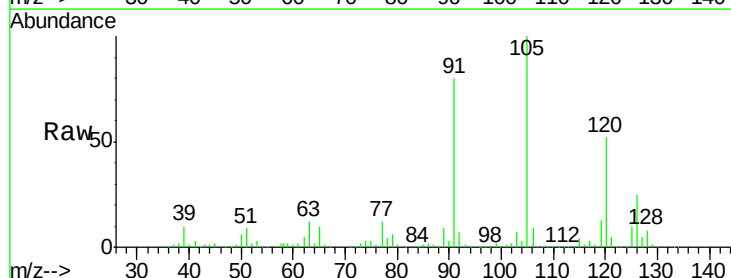
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

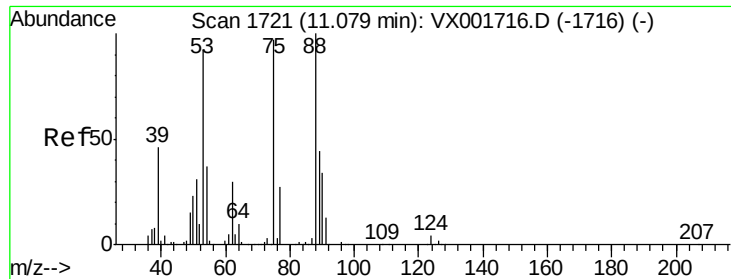
Tgt Ion: 91 Resp: 215176
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 22.50 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion: 105 Resp: 270818
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS01

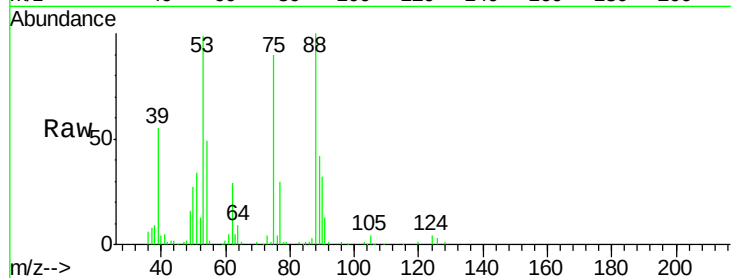
Tgt Ion: 75 Resp: 22629

Ion Ratio Lower Upper

75 100

53 111.5 79.4 119.2

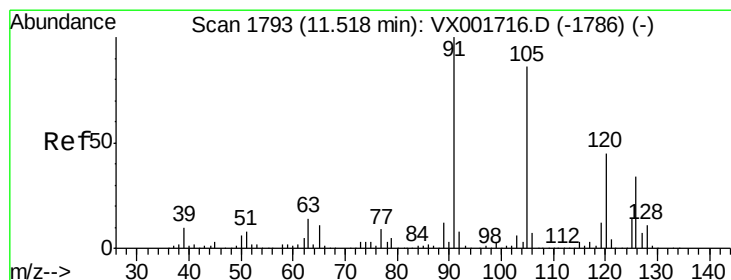
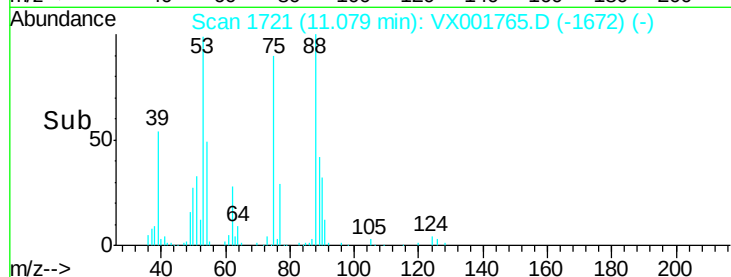
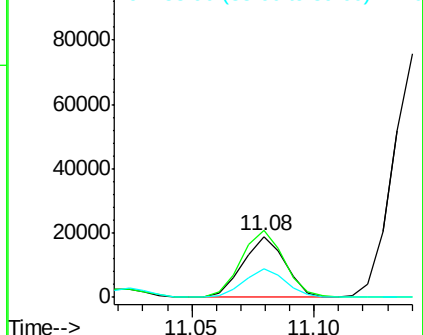
89 47.8 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001765.D

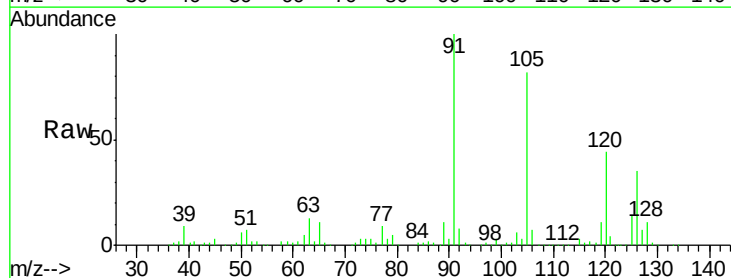
Acq: 16 May 2018 15:33

Tgt Ion: 91 Resp: 246492

Ion Ratio Lower Upper

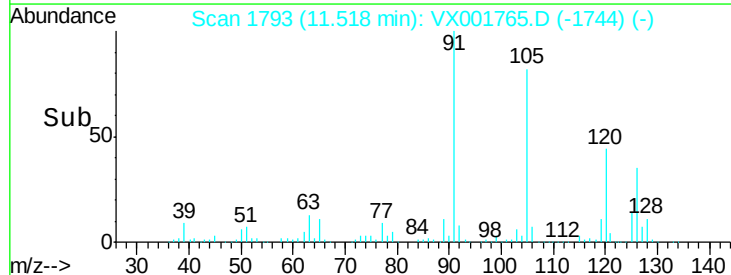
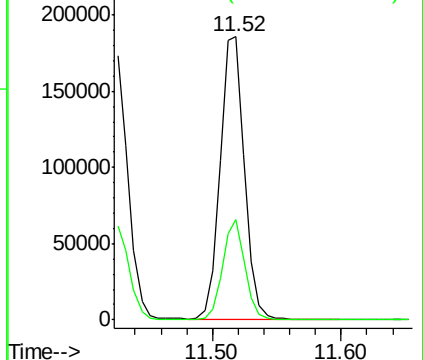
91 100

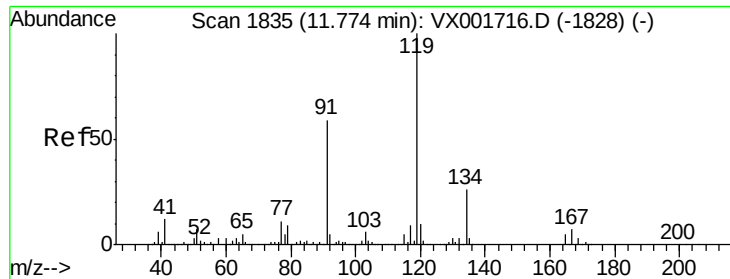
126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

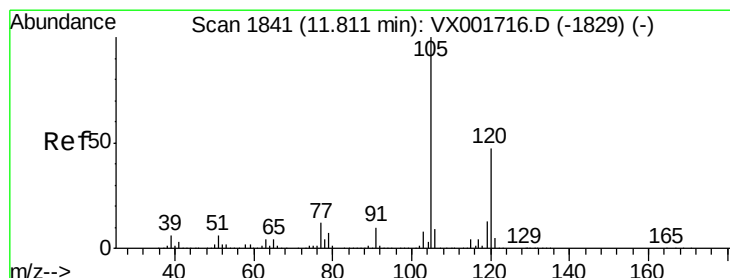
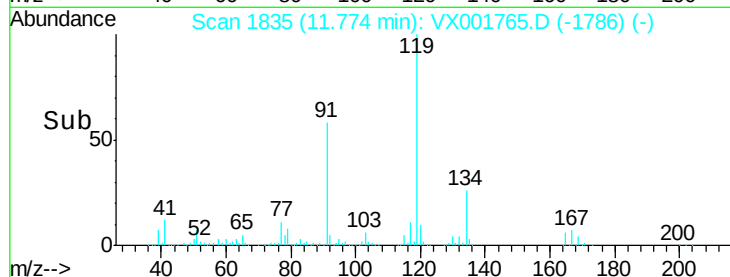
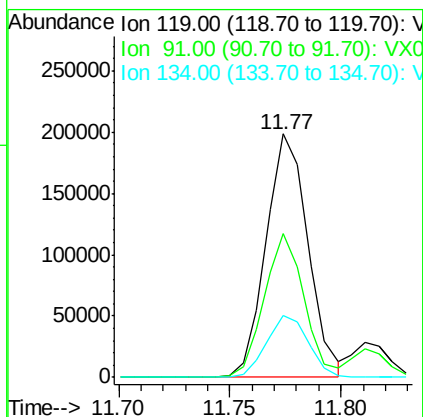
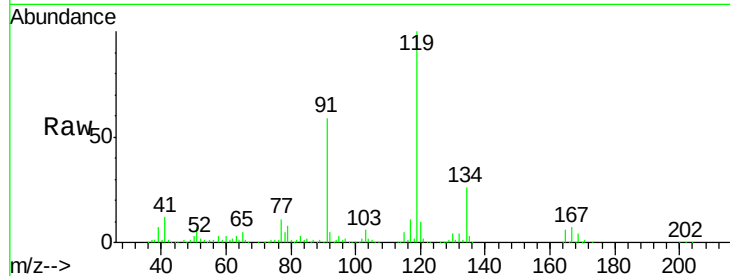




#83
 tert-Butylbenzene
 Concen: 21.68 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

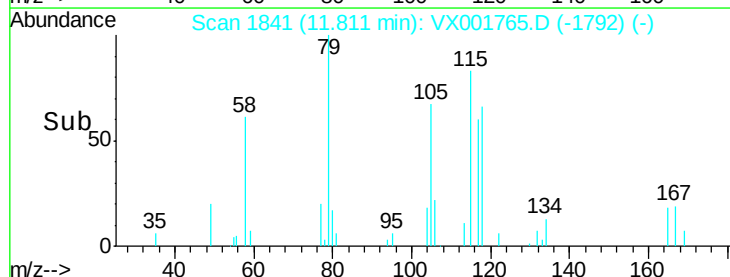
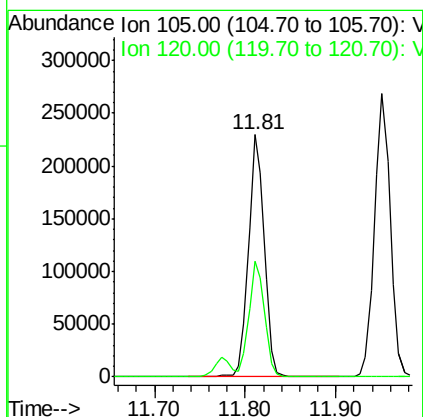
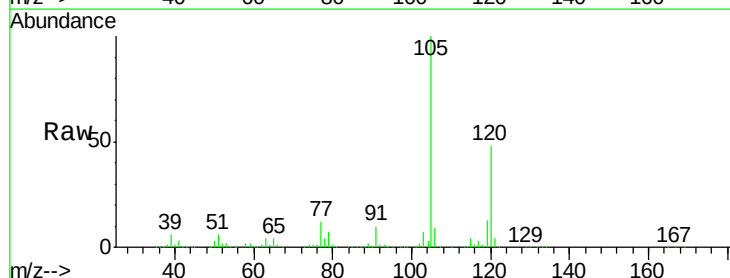
Instrument :
 MSVOA_X
 ClientSampled :
 VX0516WBS01

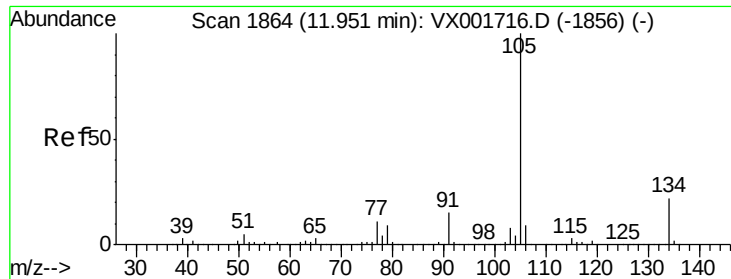
Tgt Ion:119 Resp: 259657
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.7 83.0
 134 25.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.25 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion:105 Resp: 277294
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 21.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

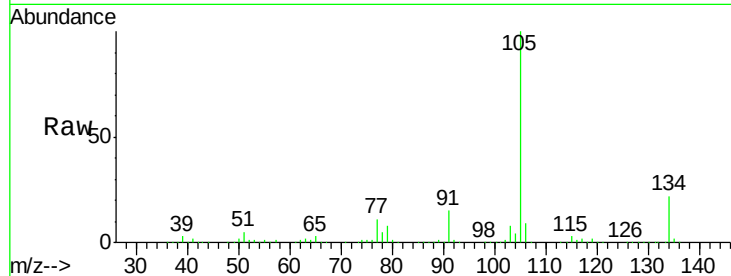
VX0516WBS01

Tgt Ion:105 Resp: 324065

Ion Ratio Lower Upper

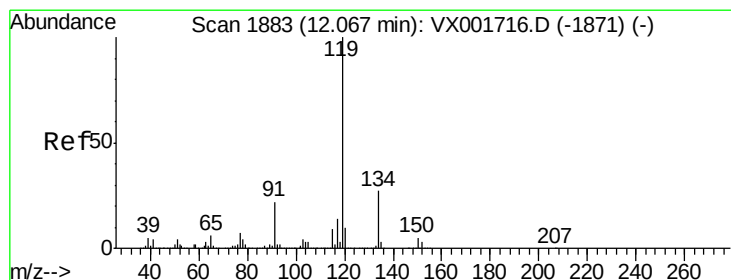
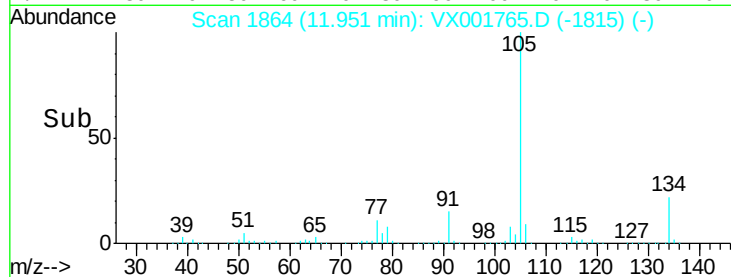
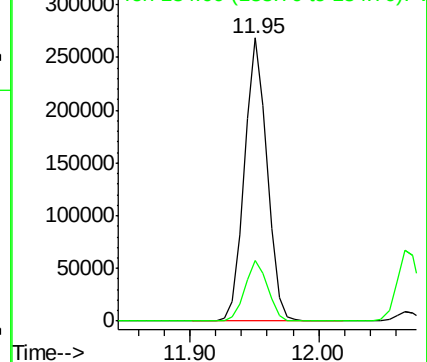
105 100

134 21.6 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.74 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001765.D

Acq: 16 May 2018 15:33

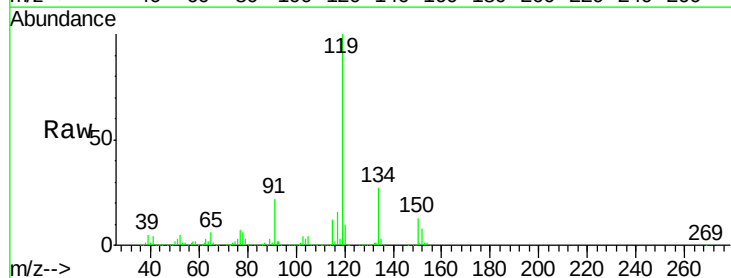
Tgt Ion:119 Resp: 297508

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

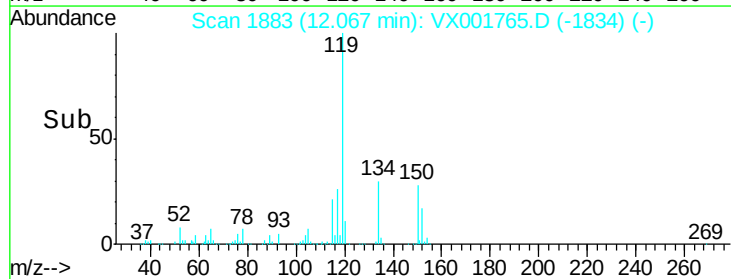
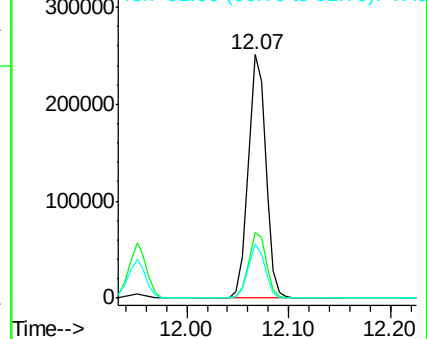
91 21.4 10.7 32.1

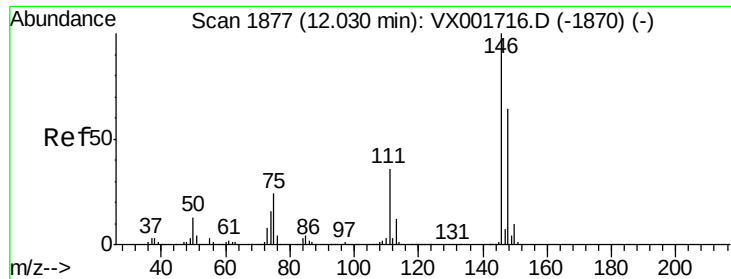


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

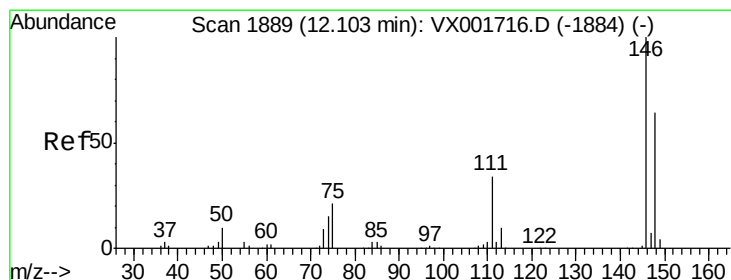
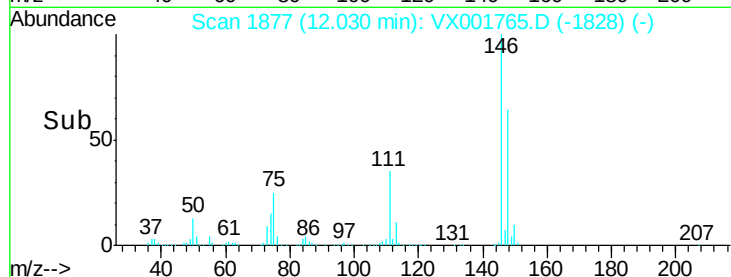
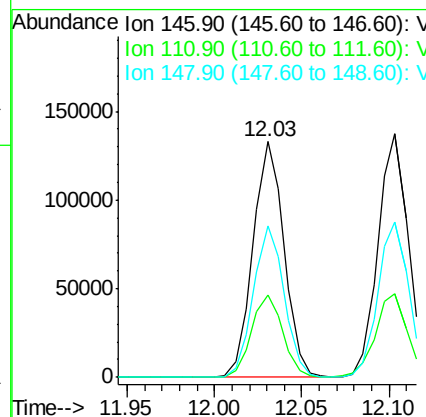
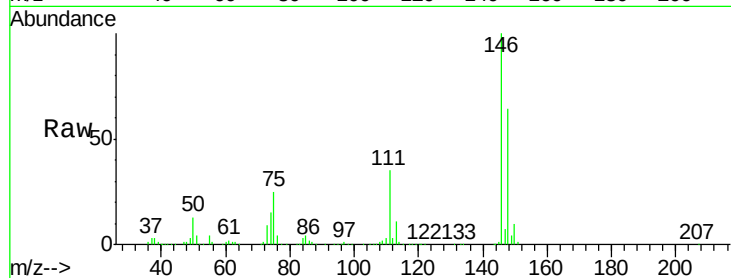




#87
 1,3-Dichlorobenzene
 Concen: 20.61 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

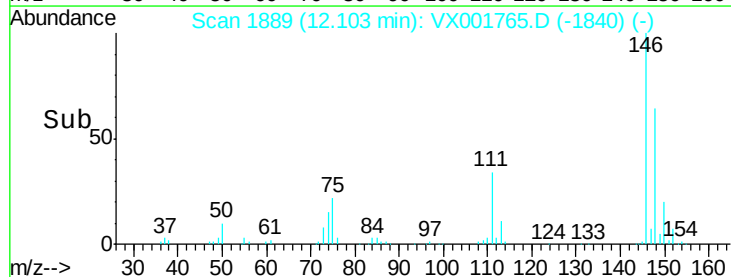
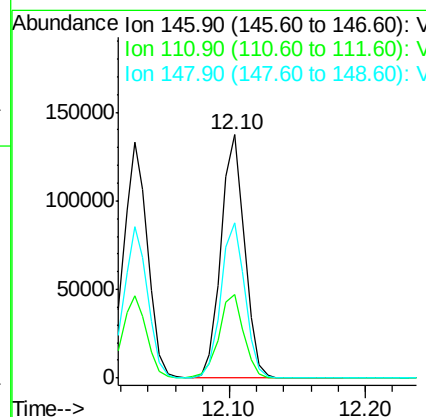
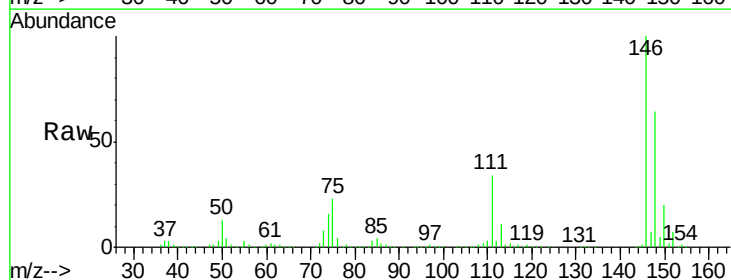
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

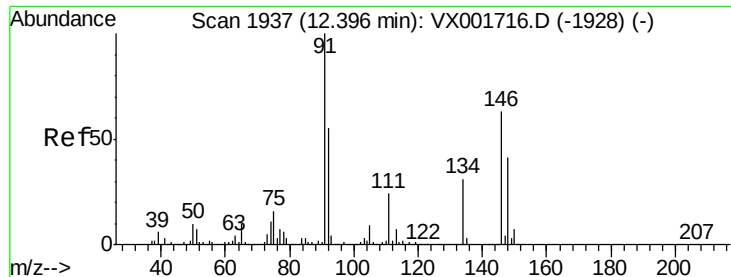
Tgt Ion:146 Resp: 164318
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.8 53.4
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.09 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion:146 Resp: 165651
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.3 52.0
 148 64.9 32.3 96.9

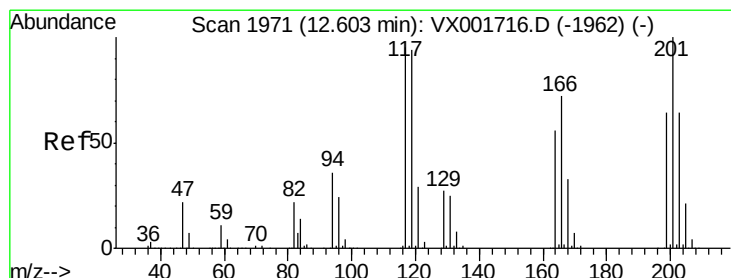
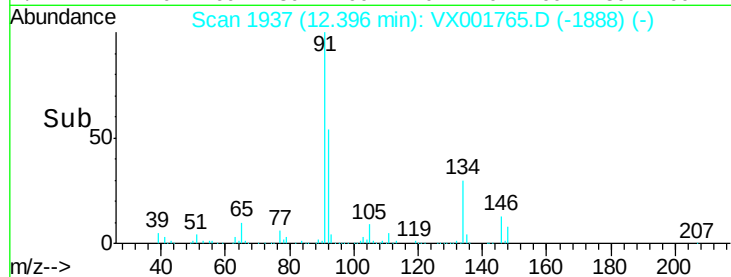
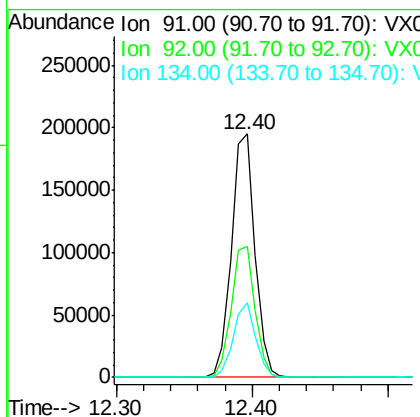
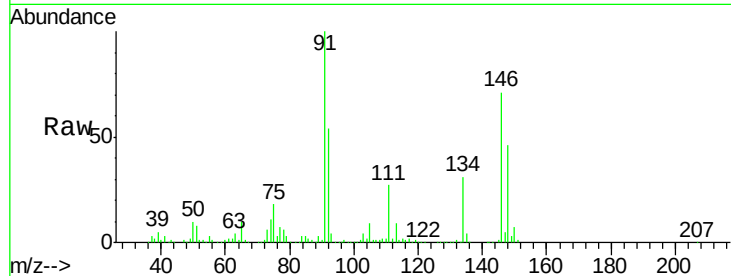




#89
n-Butylbenzene
Concen: 19.71 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

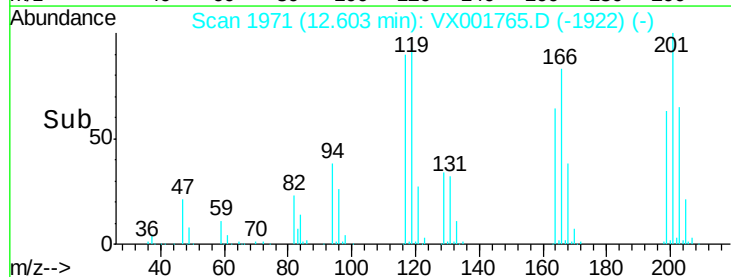
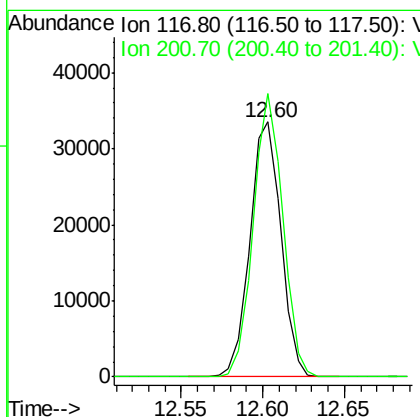
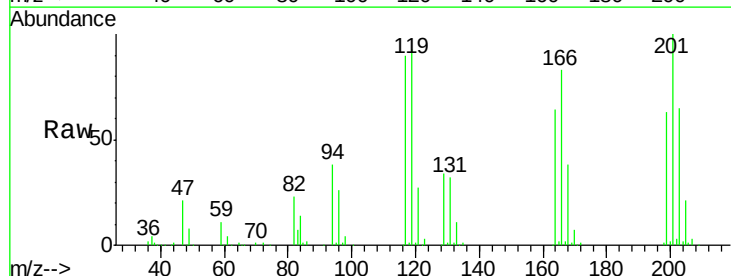
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

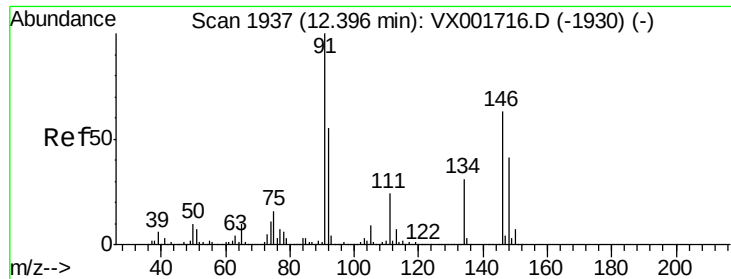
Tgt Ion: 91 Resp: 233184
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 29.2 14.7 44.1



#90
Hexachloroethane
Concen: 20.92 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion: 117 Resp: 44456
Ion Ratio Lower Upper
117 100
201 105.8 51.9 155.7

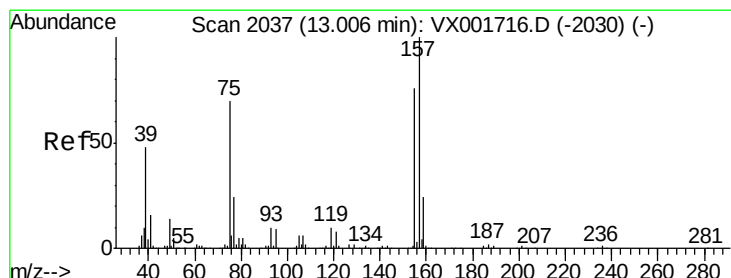
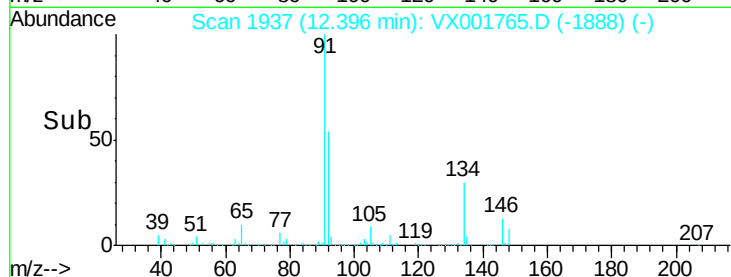
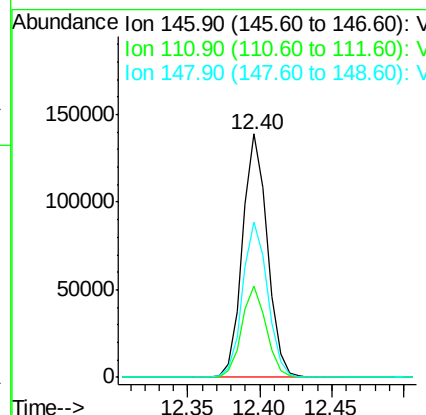
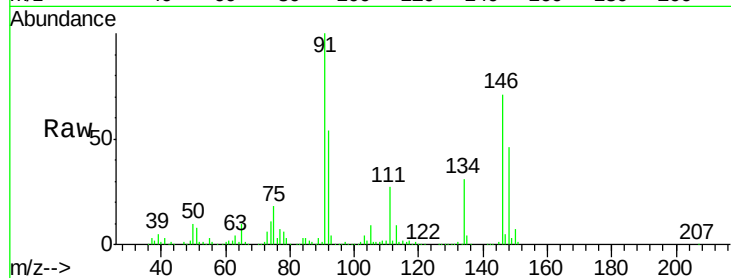




#91
 1,2-Dichlorobenzene
 Concen: 20.99 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

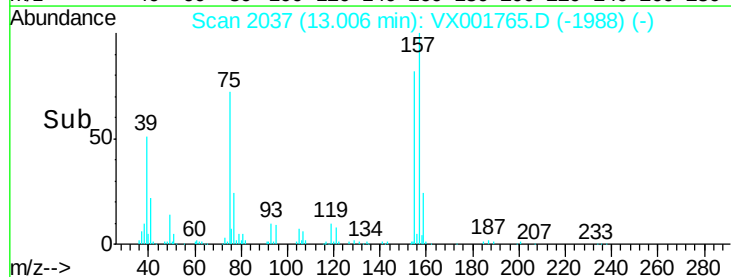
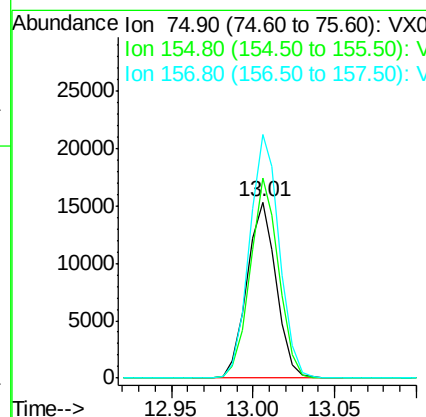
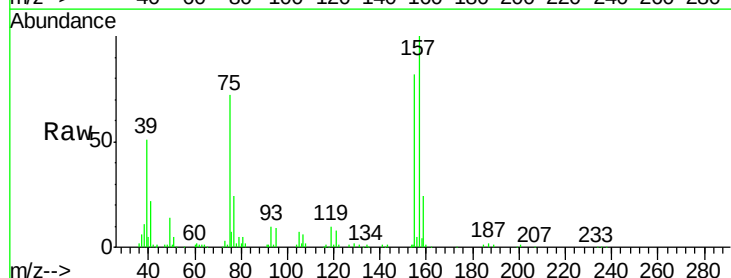
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

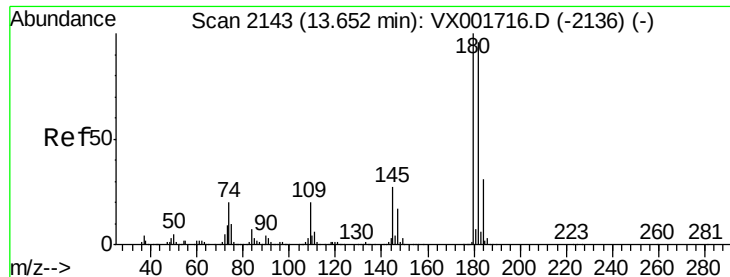
Tgt Ion:146 Resp: 166768
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 56.0
 148 64.3 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.38 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion: 75 Resp: 19145
 Ion Ratio Lower Upper
 75 100
 155 110.5 53.9 161.8
 157 140.9 71.0 213.2

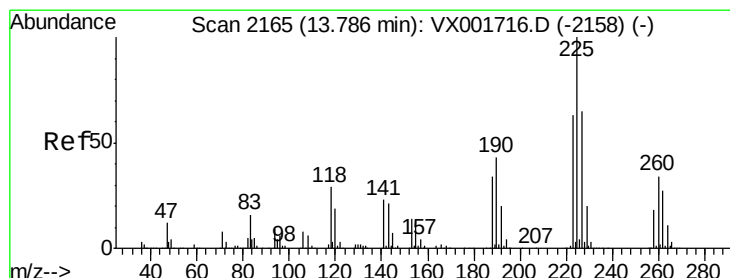
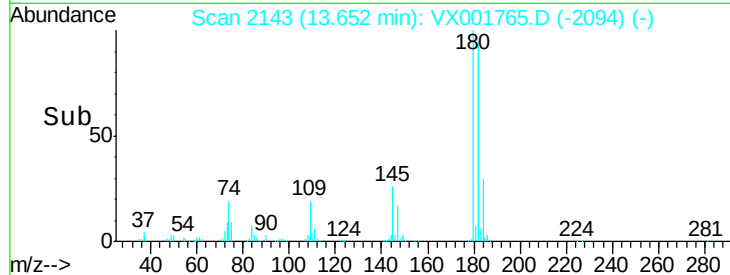
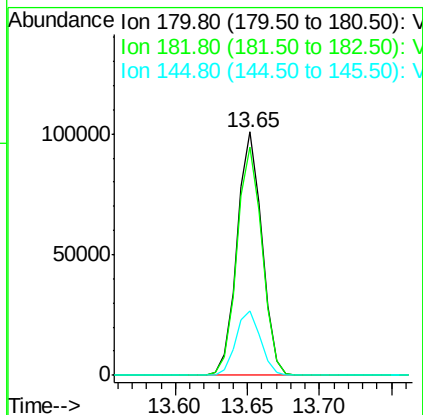
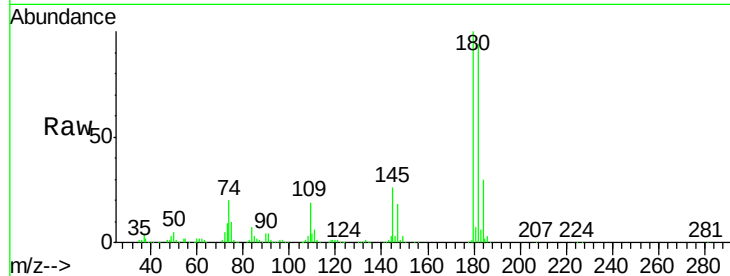




#93
 1,2,4-Trichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

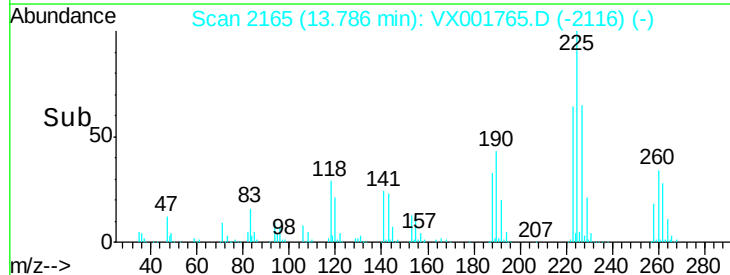
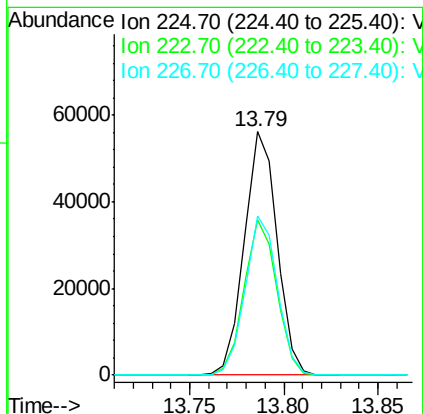
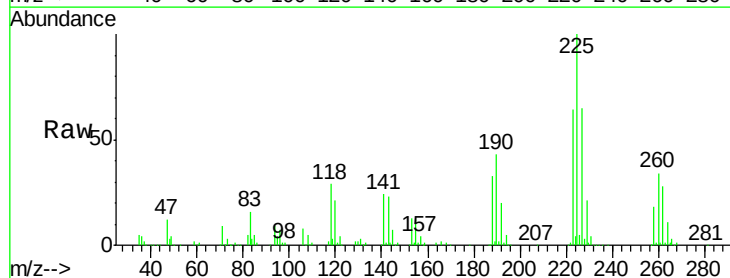
Instrument :
 MSVOA_X
 ClientSampled :
 VX0516WBS01

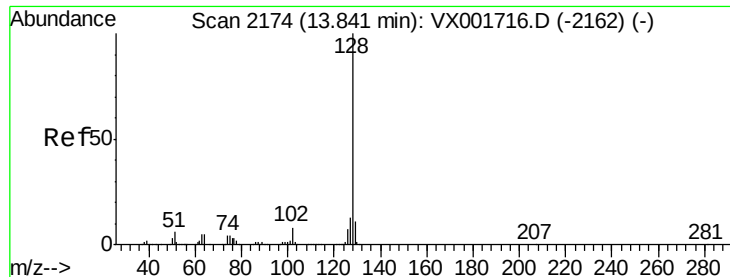
Tgt Ion:180 Resp: 121154
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 26.6 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 19.90 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001765.D
 Acq: 16 May 2018 15:33

Tgt Ion:225 Resp: 67666
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.5
 227 64.3 31.9 95.5

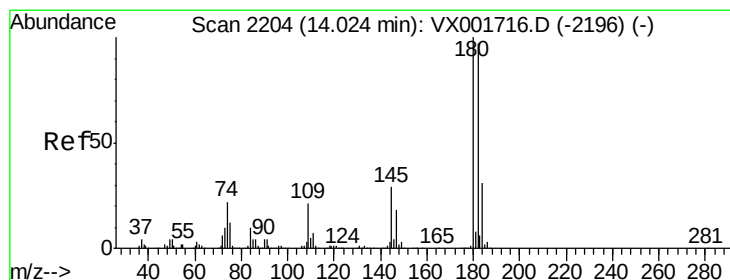
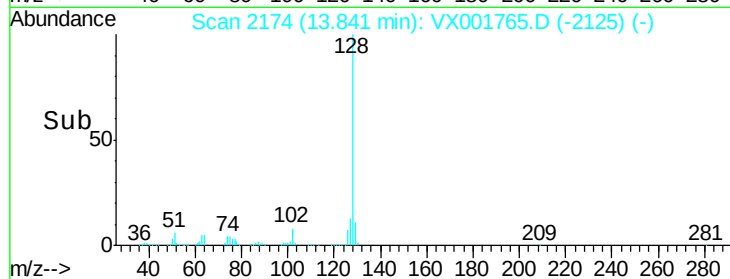
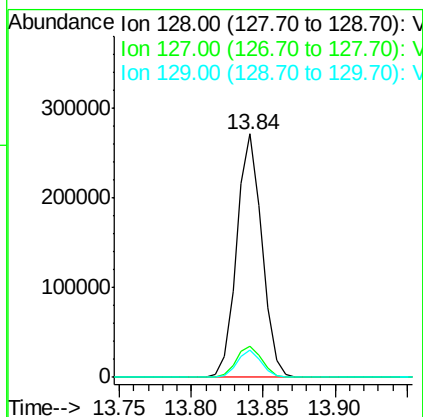
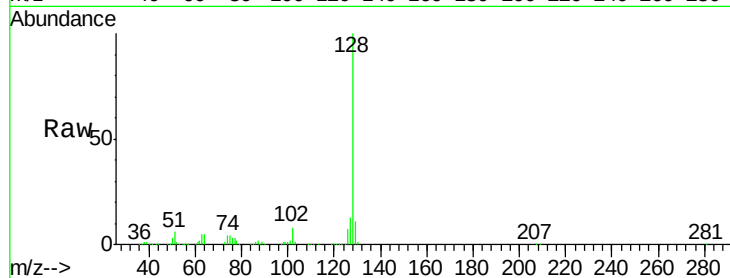




#95
Naphthalene
Concen: 20.09 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

Tgt Ion:128 Resp: 330598
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: 19.95 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001765.D
Acq: 16 May 2018 15:33

Tgt Ion:180 Resp: 127231
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.7
145 28.2 14.2 42.8

