

Data File : VX001721.D

Acq On : 14 May 2018 20:56

Operator : JC/MD

Sample : VX0515WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Quant Time: May 15 05:37:58 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	312469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	247630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218152	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.51	113	177974	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	660133	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.14	95	232337	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62519	19.94	ug/l	100
3) Chloromethane	1.32	50	72087	21.28	ug/l	97
4) Vinyl Chloride	1.40	62	77338	21.12	ug/l	100
5) Bromomethane	1.64	94	48316	30.08	ug/l	97
6) Chloroethane	1.73	64	50237	21.78	ug/l	99
7) Trichlorofluoromethane	1.93	101	108214	20.34	ug/l	100
8) Diethyl Ether	2.19	74	48327	22.06	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62544	19.52	ug/l	99
10) Methyl Iodide	2.51	142	30472	10.34	ug/l	99
11) Tert butyl alcohol	3.08	59	85347	114.78	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63742	20.64	ug/l	96
13) Acrolein	2.30	56	54530	103.40	ug/l	98
14) Allyl chloride	2.73	41	120112	21.04	ug/l	99
15) Acrylonitrile	3.15	53	205696	110.14	ug/l	100
16) Acetone	2.45	43	172659	104.96	ug/l	99
17) Carbon Disulfide	2.57	76	159740	19.83	ug/l	99
18) Methyl Acetate	2.78	43	108754	22.61	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	226997	21.81	ug/l	99
20) Methylene Chloride	2.86	84	73809	20.96	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	69975	20.57	ug/l	97
22) Diisopropyl ether	3.88	45	230916	21.09	ug/l	99
23) Vinyl Acetate	3.83	43	783184	99.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124996	20.81	ug/l	99
25) 2-Butanone	4.71	43	278298	110.50	ug/l	98
26) 2,2-Dichloropropane	4.59	77	93522	19.34	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	81526	21.06	ug/l	99
28) Bromochloromethane	5.03	49	54899	20.58	ug/l	99
29) Tetrahydrofuran	5.18	42	179990	109.64	ug/l	99
30) Chloroform	5.22	83	134450	21.31	ug/l	98
31) Cyclohexane	5.57	56	103790	19.72	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	114362	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	94388	19.19	ug/l	99
37) Ethyl Acetate	4.87	43	106878	20.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	101168	19.63	ug/l	98

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Quant Time: May 15 05:37:58 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	107028	18.62	ug/l	96
40) Benzene	6.15	78	293920	20.28	ug/l	98
41) Methacrylonitrile	5.07	41	61570	20.77	ug/l	99
42) 1,2-Dichloroethane	6.20	62	110011	20.99	ug/l	100
43) Isopropyl Acetate	6.48	43	166541	20.76	ug/l	100
44) Trichloroethene	7.22	130	88414	19.66	ug/l	96
45) 1,2-Dichloropropane	7.52	63	73411	20.64	ug/l	99
46) Dibromomethane	7.67	93	50516	20.23	ug/l	99
47) Bromodichloromethane	7.90	83	94942	20.49	ug/l	98
48) Methyl methacrylate	7.79	41	89792	21.26	ug/l	99
49) 1,4-Dioxane	7.76	88	36889	453.71	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	556109	109.38	ug/l	99
52) Toluene	8.79	92	190263	20.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	113741	20.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	100489	20.91	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	76378	21.46	ug/l	97
56) Ethyl methacrylate	9.19	69	111364	22.06	ug/l	98
57) 1,3-Dichloropropane	9.38	76	122248	20.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280900	108.18	ug/l	100
59) 2-Hexanone	9.51	43	400070	109.93	ug/l	99
60) Dibromochloromethane	9.59	129	75899	20.82	ug/l	100
61) 1,2-Dibromoethane	9.68	107	79120	21.23	ug/l	100
64) Tetrachloroethene	9.34	164	95753	19.33	ug/l	98
65) Chlorobenzene	10.15	112	206855	19.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	74394	20.12	ug/l	99
67) Ethyl Benzene	10.26	91	327545	19.58	ug/l	99
68) m/p-Xylenes	10.37	106	262005	39.70	ug/l	99
69) o-Xylene	10.71	106	127570	20.18	ug/l	100
70) Styrene	10.72	104	213699	20.50	ug/l	100
71) Bromoform	10.86	173	61129	19.66	ug/l	99
73) Isopropylbenzene	11.02	105	335614	20.58	ug/l	99
74) N-amyl acetate	6.48	43	166541	21.30	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104283	21.32	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121521	25.81	ug/l	90
77) Bromobenzene	11.26	156	100226	20.92	ug/l	99
78) n-propylbenzene	11.37	91	369772	20.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	224880	20.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	277635	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26591	19.02	ug/l	93
82) 4-Chlorotoluene	11.52	91	265881	20.54	ug/l	100
83) tert-Butylbenzene	11.77	119	278700	20.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	289945	20.93	ug/l	100
85) sec-Butylbenzene	11.95	105	332920	20.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	306823	20.18	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	181401	20.47	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184101	20.09	ug/l	99
89) n-Butylbenzene	12.40	91	256961	19.54	ug/l	100
90) Hexachloroethane	12.60	117	45491	19.26	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	179765	20.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22742	21.78	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

Data File : VX001721.D
Acq On : 14 May 2018 20:56
Operator : JC/MD
Sample : VX0515WBS01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
VX0515WBS01

Quant Time: May 15 05:37:58 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

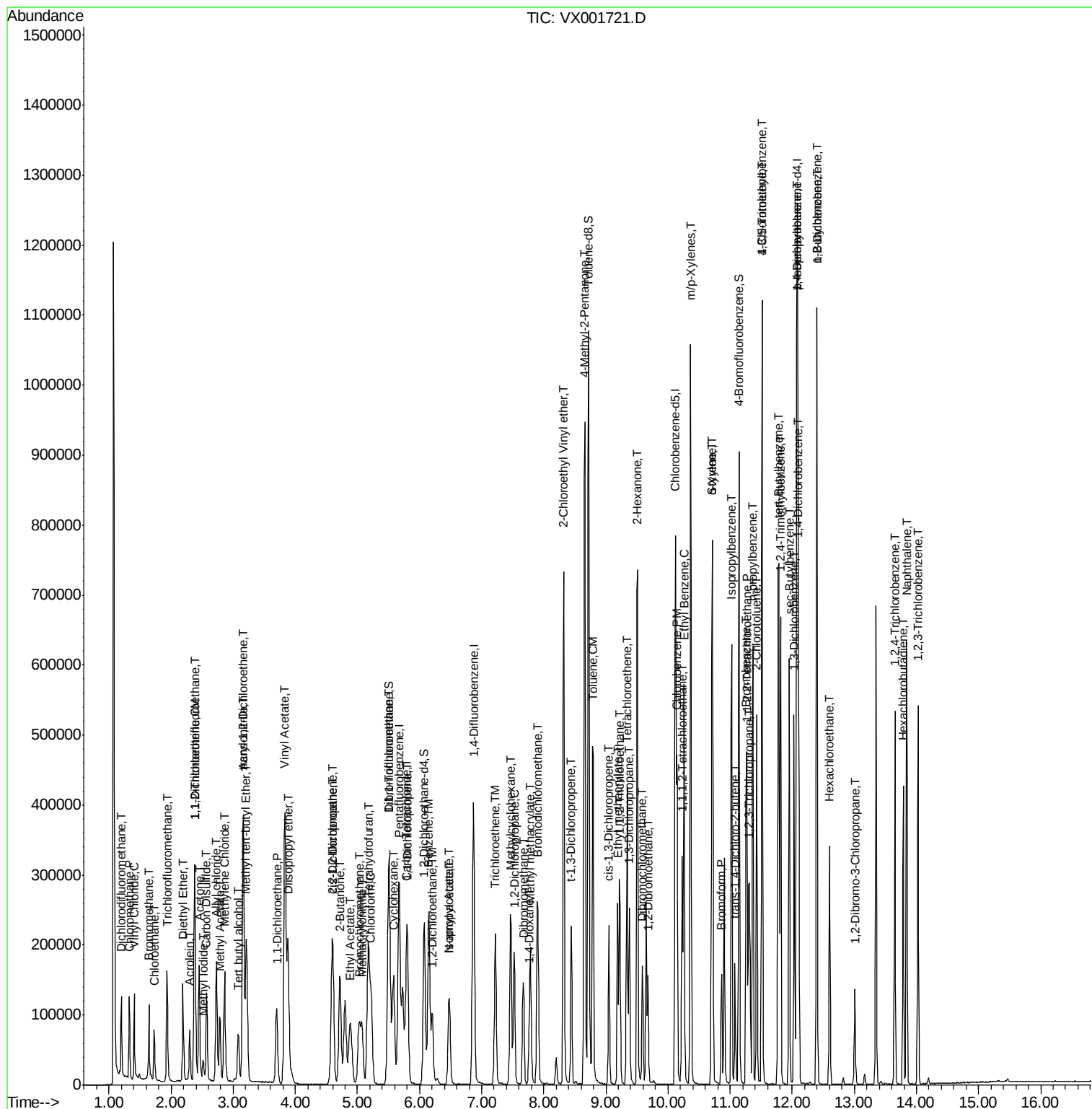
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140244	19.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	72247	19.12	ug/l	99
95) Naphthalene	13.84	128	393112	21.49	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	143204	20.21	ug/l	100

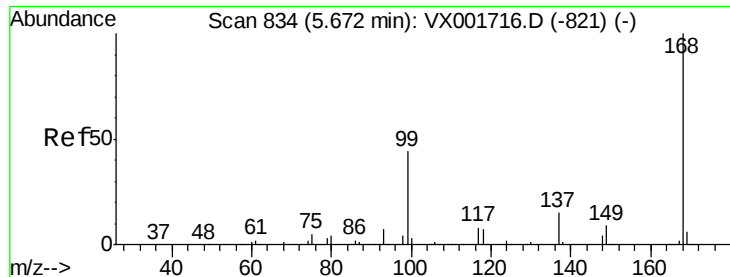
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 18 Sample Multiplier: 1

VX0515WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

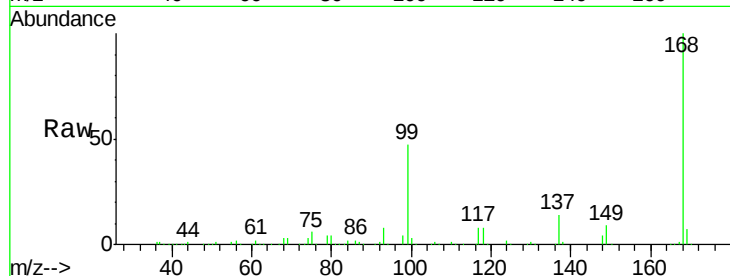
VX0515WBS01

Tgt Ion:168 Resp: 312469

Ion Ratio Lower Upper

168 100

99 46.9 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

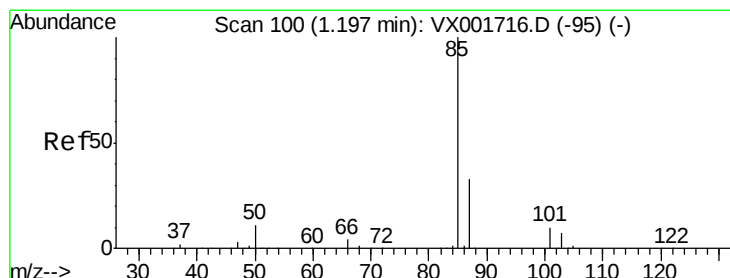
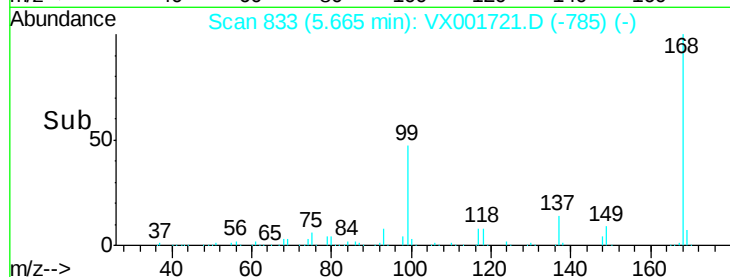
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001721.D

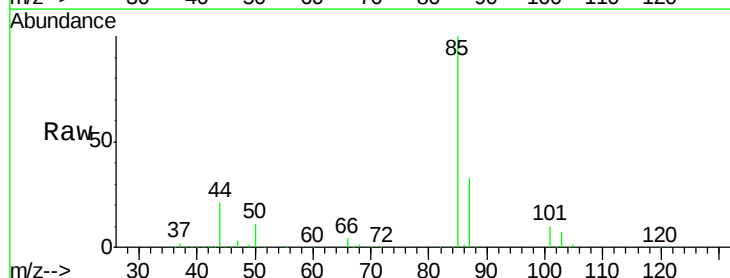
Acq: 14 May 2018 20:56

Tgt Ion: 85 Resp: 62519

Ion Ratio Lower Upper

85 100

87 32.9 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

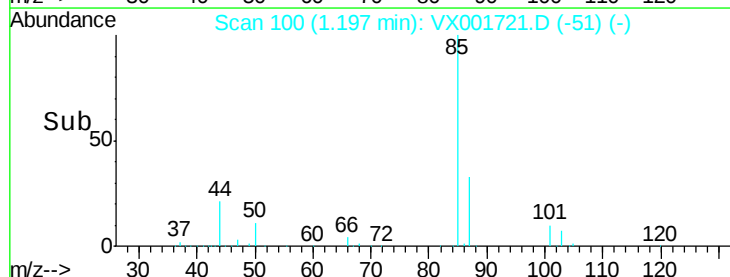
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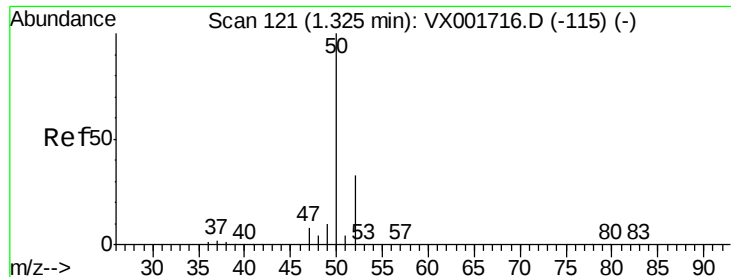
40000

20000

0

Time-->





#3

Chloromethane

Concen: 21.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

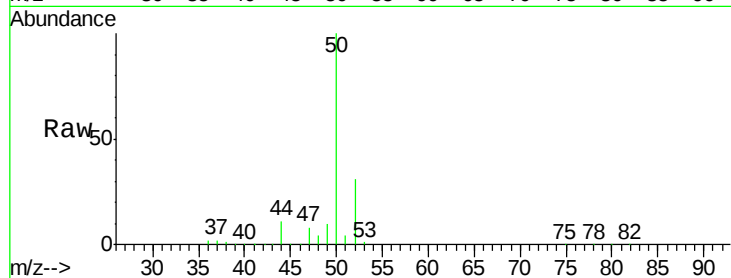
VX0515WBS01

Tgt Ion: 50 Resp: 72087

Ion Ratio Lower Upper

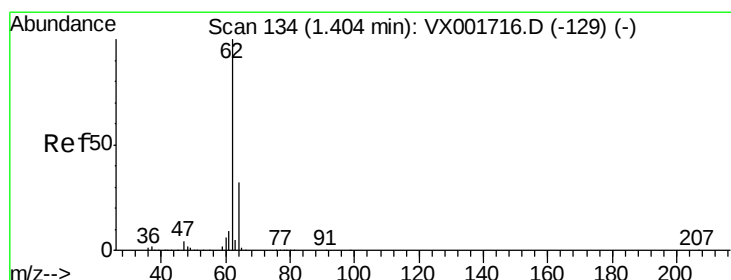
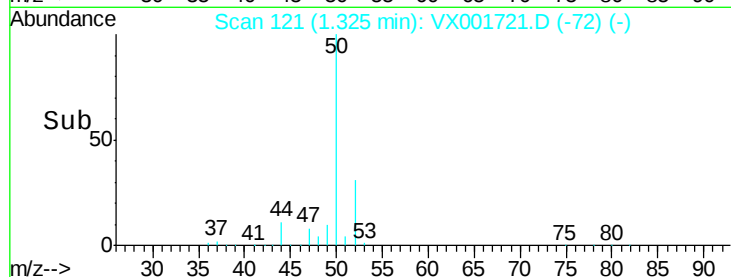
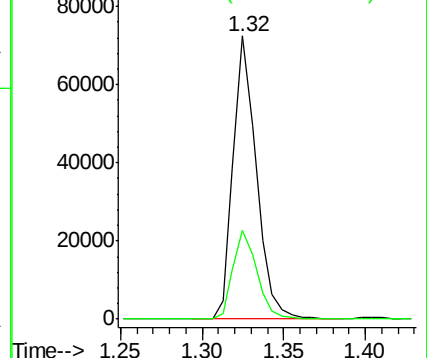
50 100

52 31.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.12 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001721.D

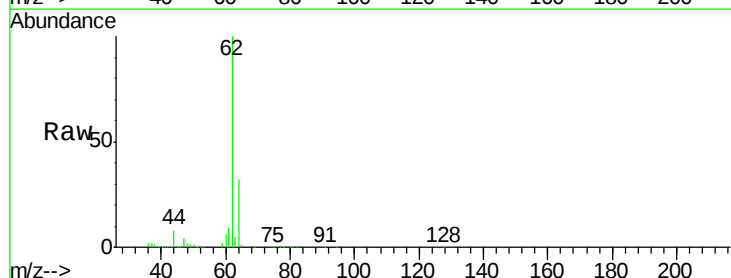
Acq: 14 May 2018 20:56

Tgt Ion: 62 Resp: 77338

Ion Ratio Lower Upper

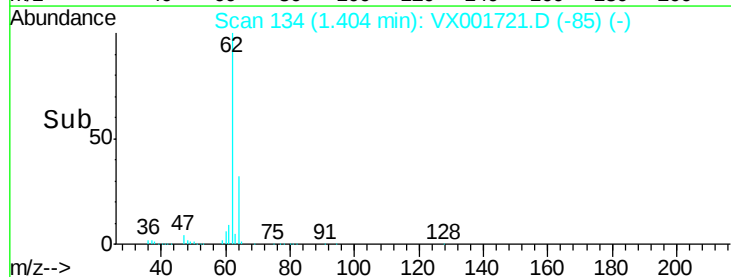
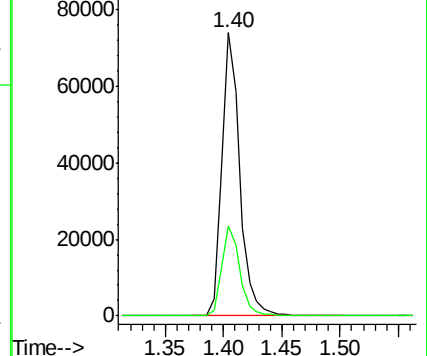
62 100

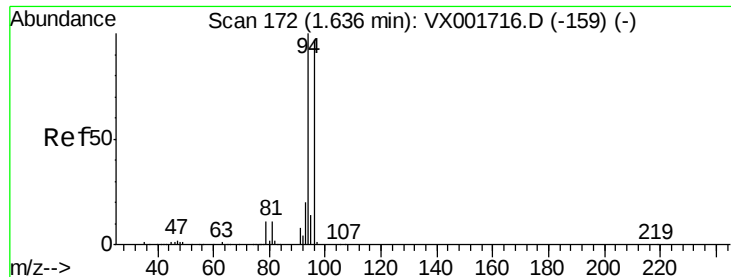
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.08 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

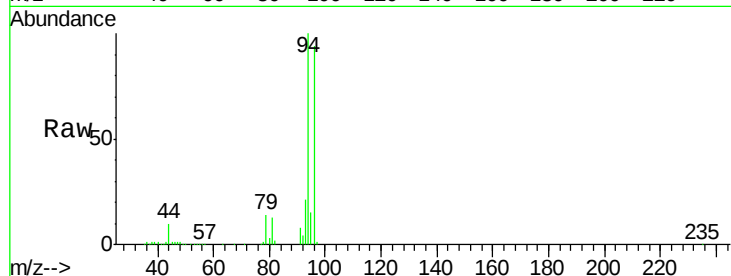
VX0515WBS01

Tgt Ion: 94 Resp: 48316

Ion Ratio Lower Upper

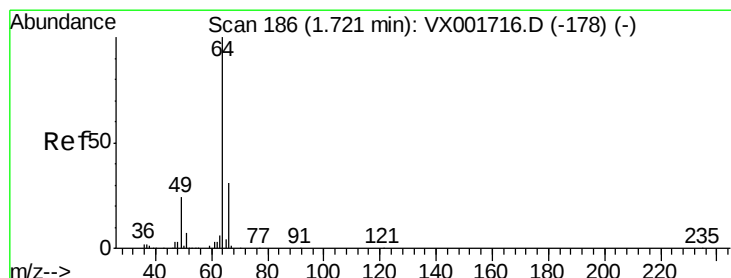
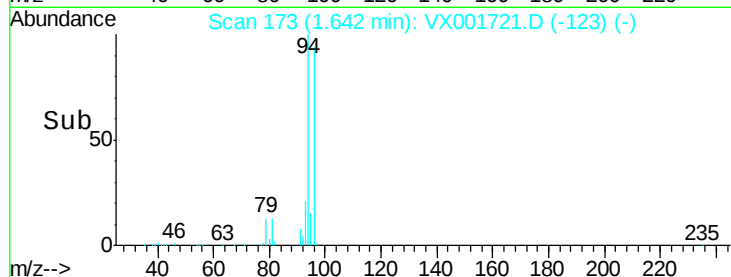
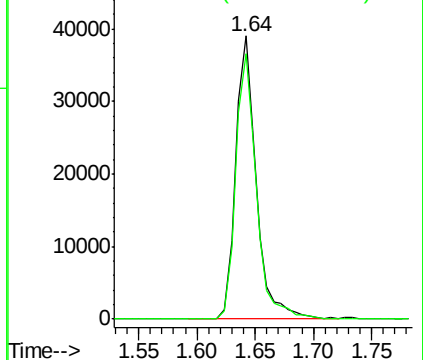
94 100

96 93.9 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.78 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001721.D

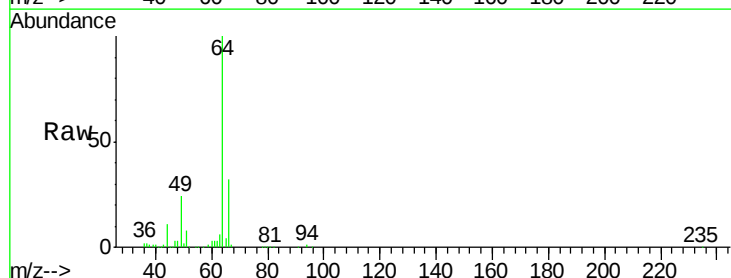
Acq: 14 May 2018 20:56

Tgt Ion: 64 Resp: 50237

Ion Ratio Lower Upper

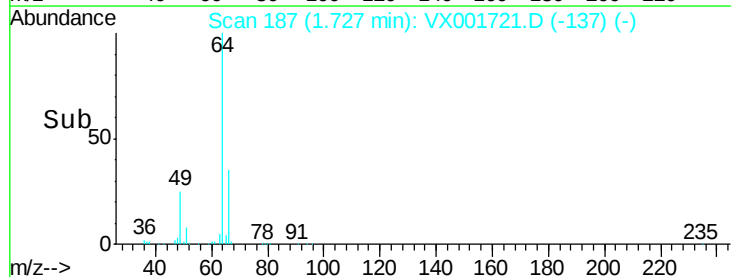
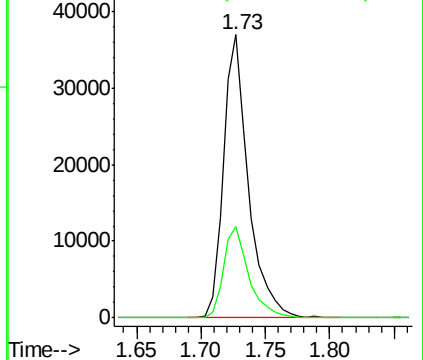
64 100

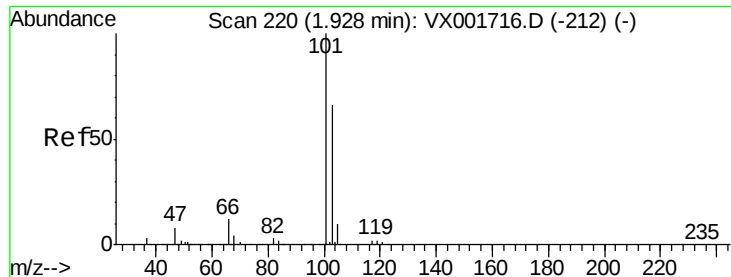
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



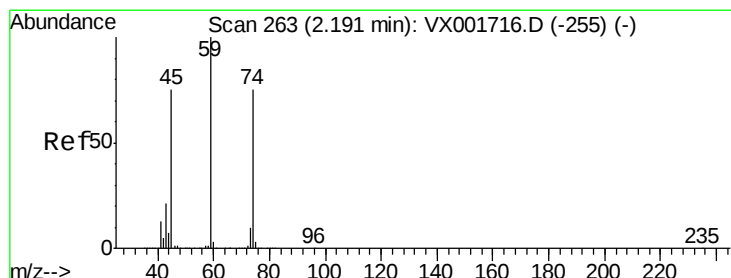
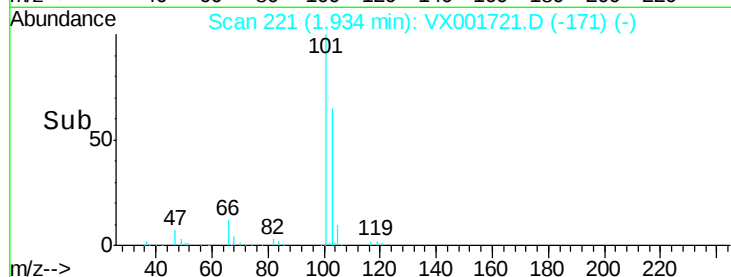
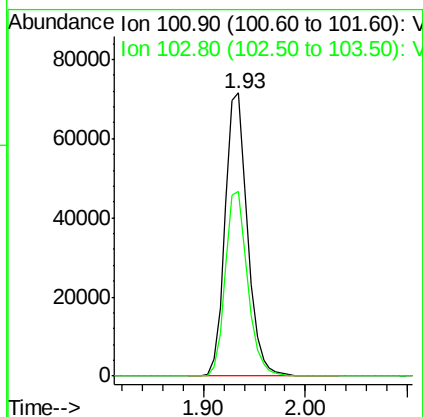
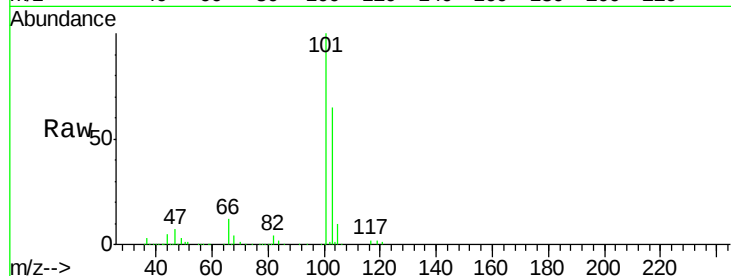


#7

Trichlorofluoromethane
 Concen: 20.34 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

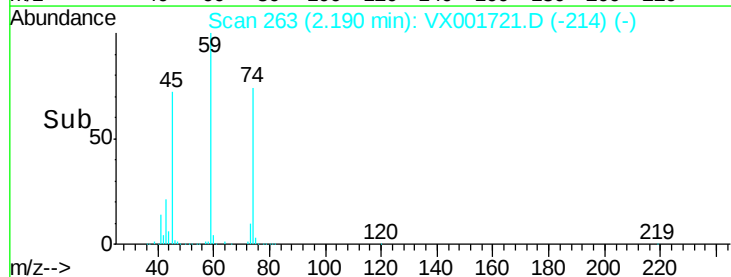
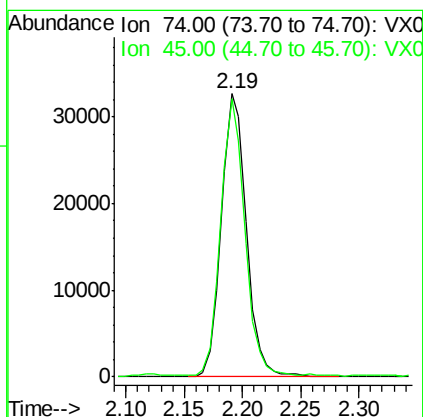
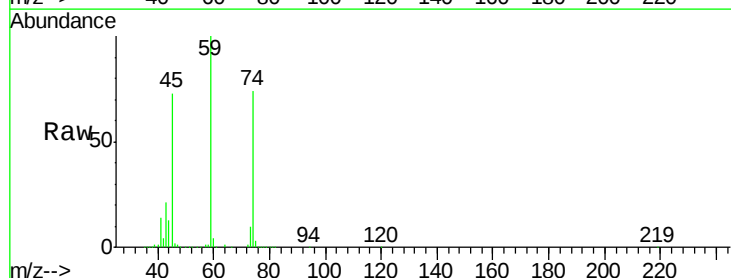
Tgt Ion:101 Resp: 108214
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 78.8

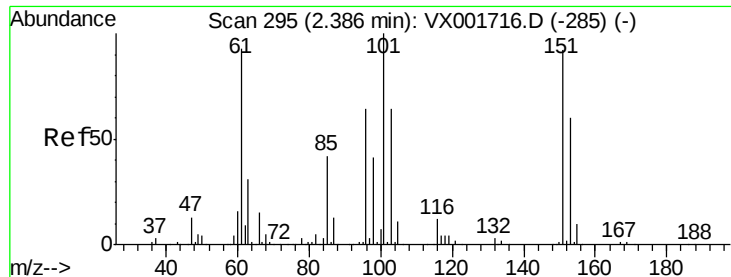


#8

Diethyl Ether
 Concen: 22.06 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion: 74 Resp: 48327
 Ion Ratio Lower Upper
 74 100
 45 94.5 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

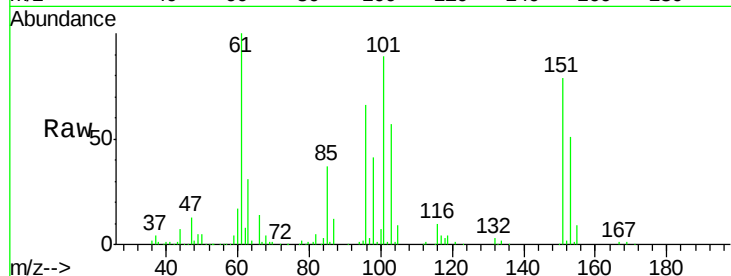
Tgt Ion:101 Resp: 62544

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

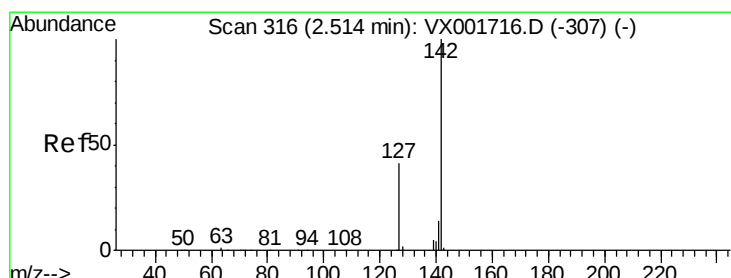
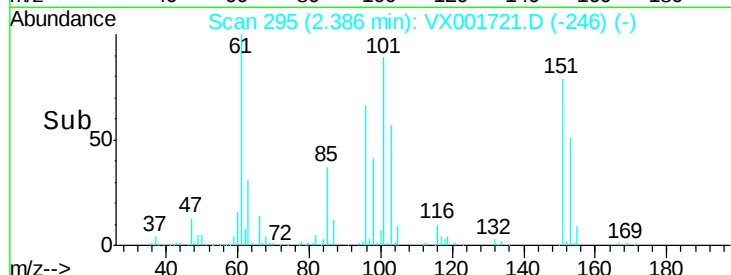
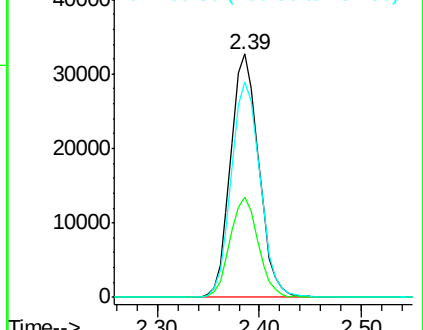
151 90.2 73.0 109.6



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: 10.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

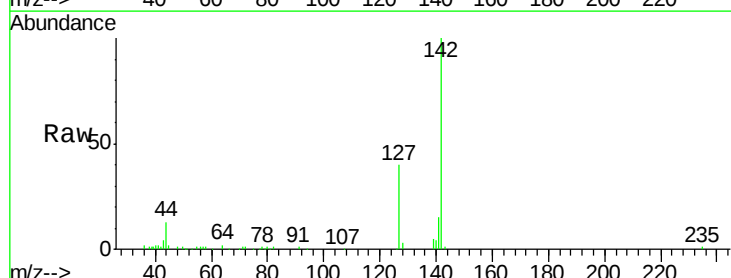
Tgt Ion:142 Resp: 30472

Ion Ratio Lower Upper

142 100

127 41.0 32.5 48.7

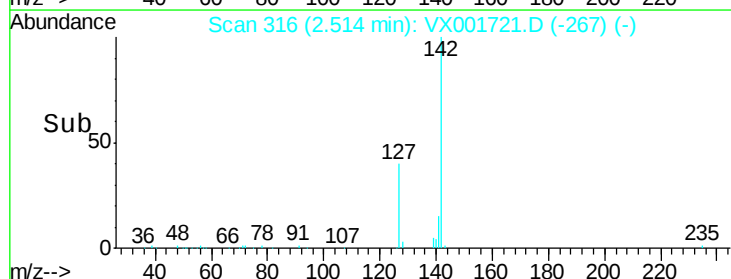
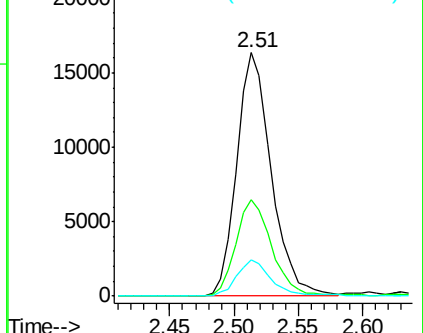
141 14.4 11.4 17.0

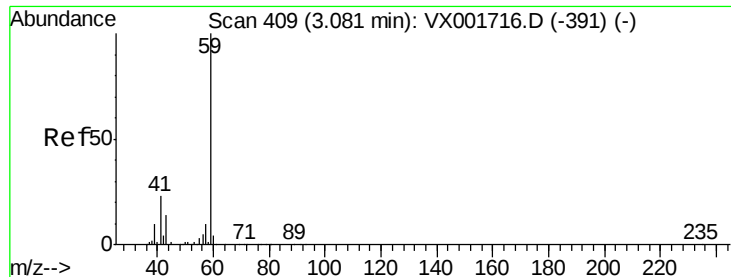


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 114.78 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

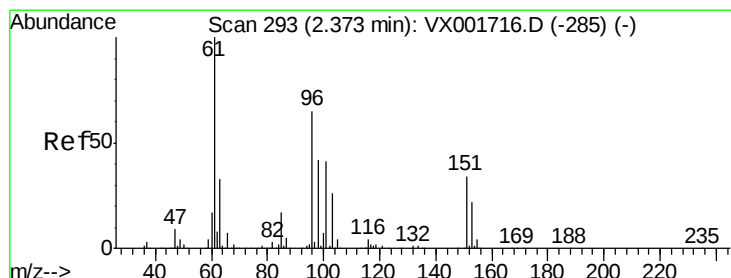
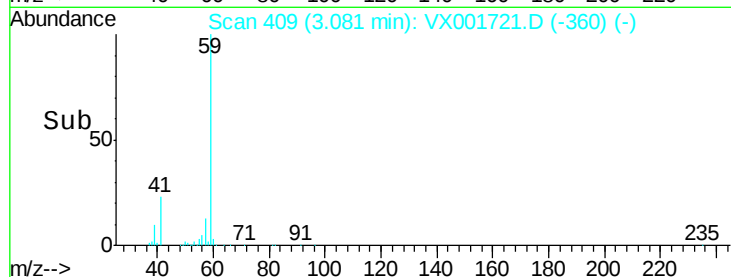
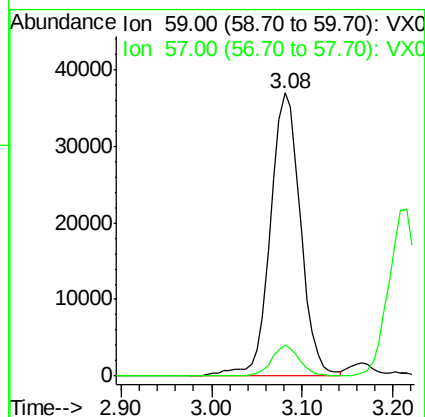
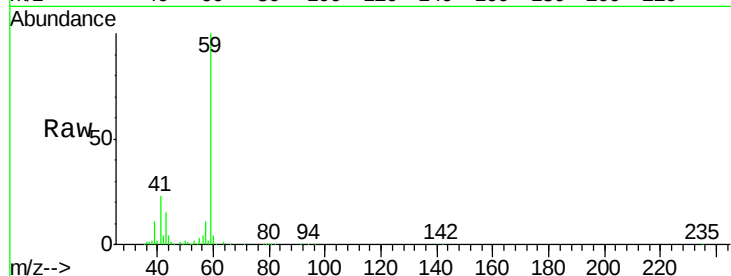
VX0515WBS01

Tgt Ion: 59 Resp: 85347

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



#12

1,1-Dichloroethene

Concen: 20.64 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

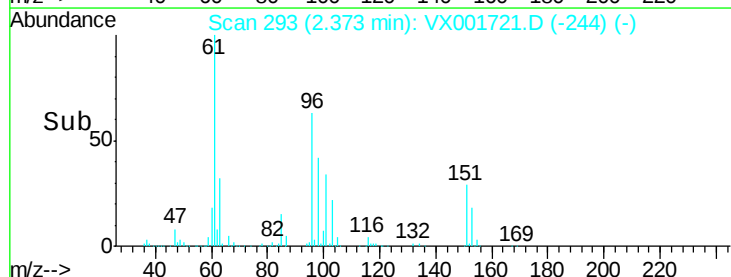
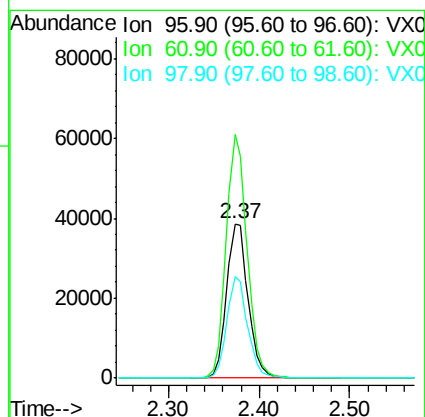
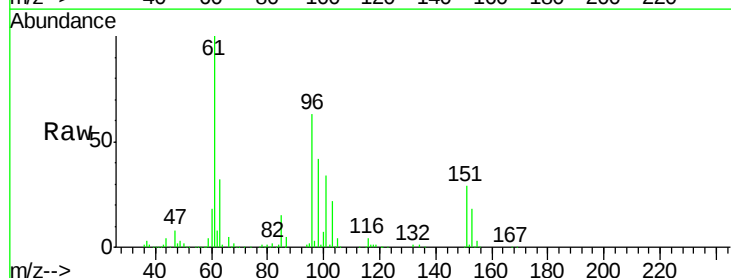
Tgt Ion: 96 Resp: 63742

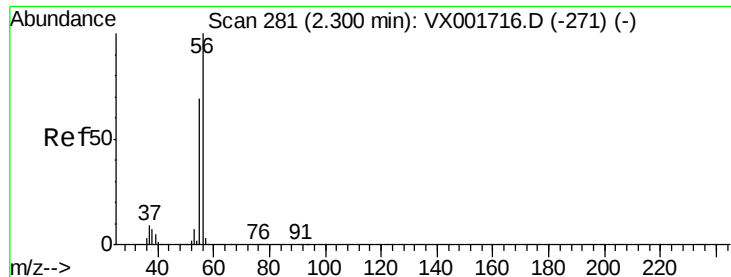
Ion Ratio Lower Upper

96 100

61 158.1 122.2 183.2

98 66.0 51.4 77.0





#13

Acrolein

Concen: 103.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

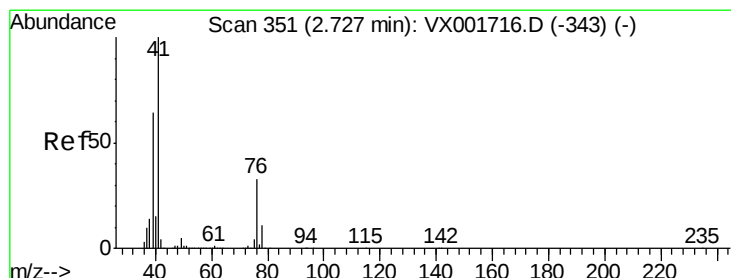
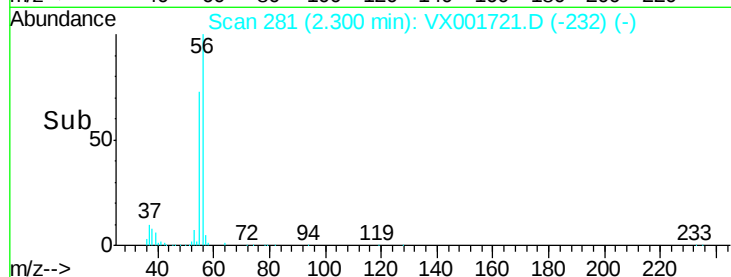
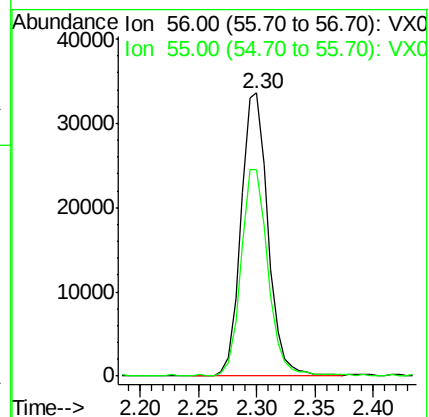
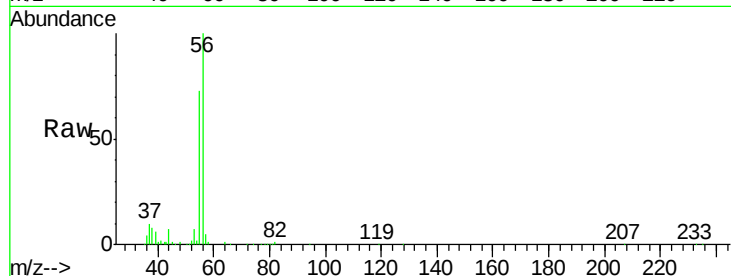
VX0515WBS01

Tgt Ion: 56 Resp: 54530

Ion Ratio Lower Upper

56 100

55 71.5 56.2 84.2



#14

Allyl chloride

Concen: 21.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

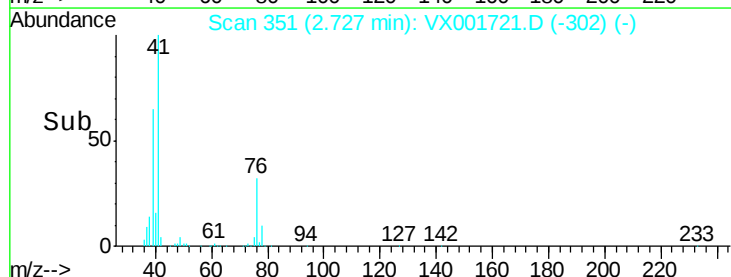
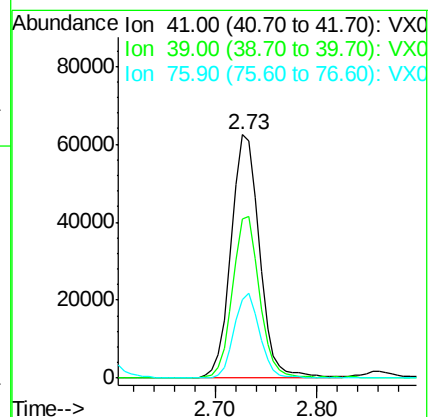
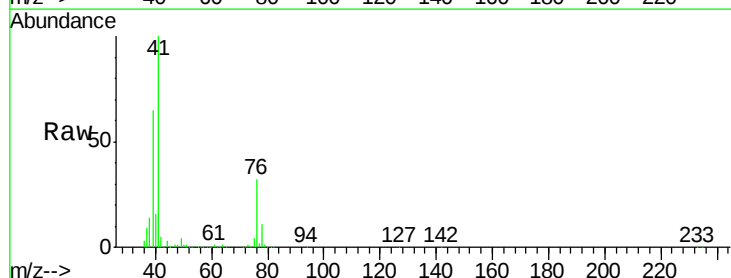
Tgt Ion: 41 Resp: 120112

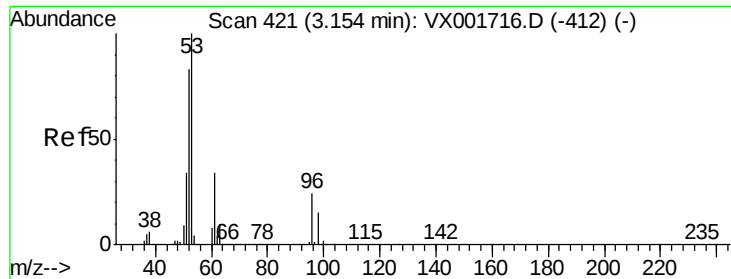
Ion Ratio Lower Upper

41 100

39 62.6 49.8 74.6

76 31.5 25.8 38.8





#15

Acrylonitrile

Concen: 110.14 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

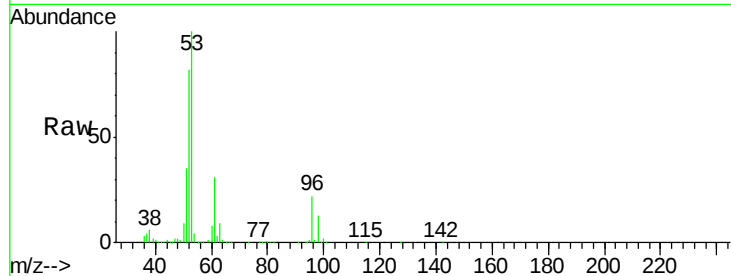
Tgt Ion: 53 Resp: 205696

Ion Ratio Lower Upper

53 100

52 81.6 65.6 98.4

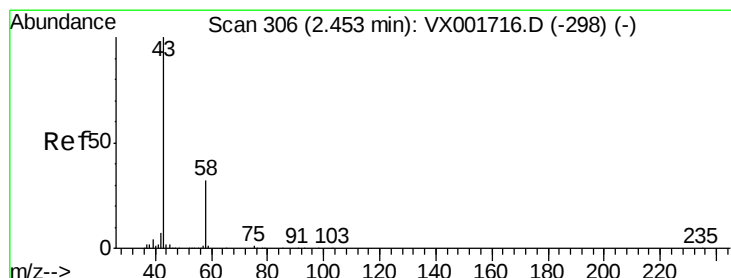
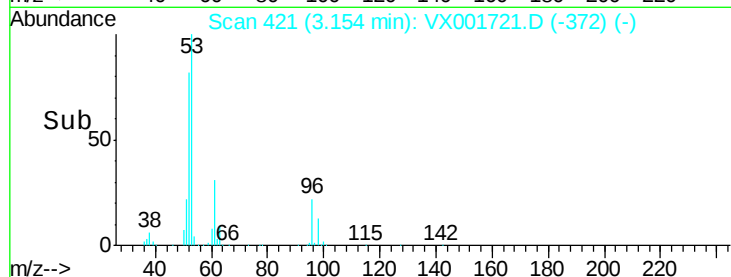
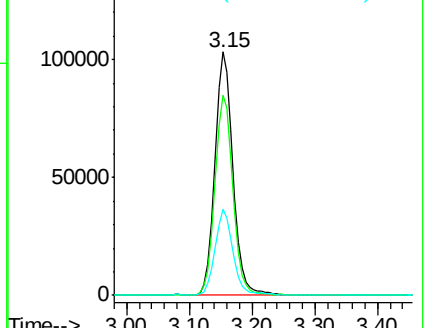
51 34.9 28.1 42.1



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: 104.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001721.D

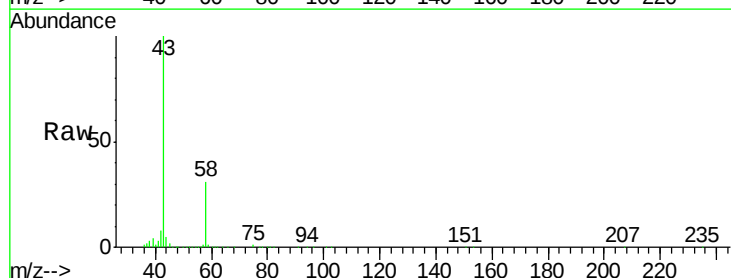
Acq: 14 May 2018 20:56

Tgt Ion: 43 Resp: 172659

Ion Ratio Lower Upper

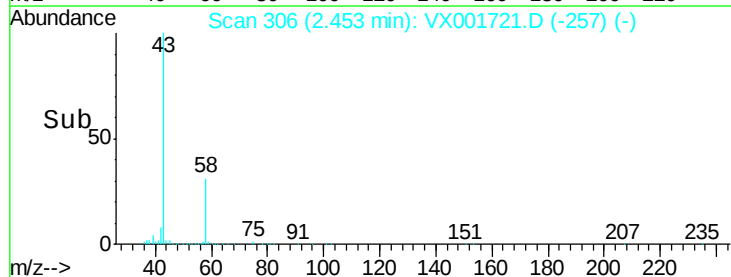
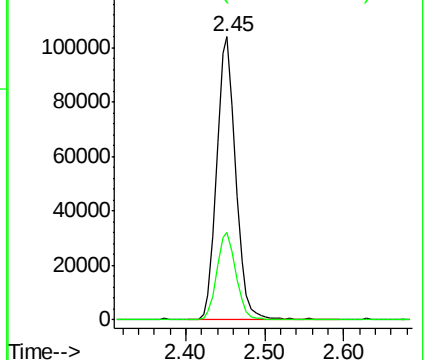
43 100

58 31.0 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

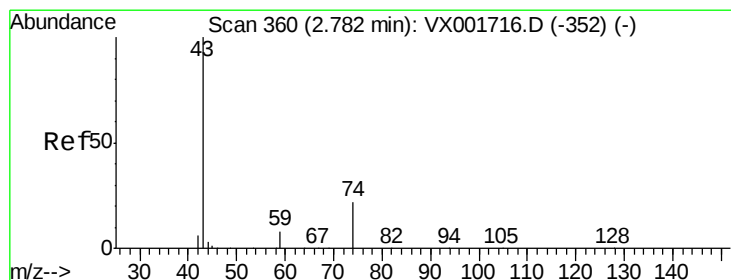
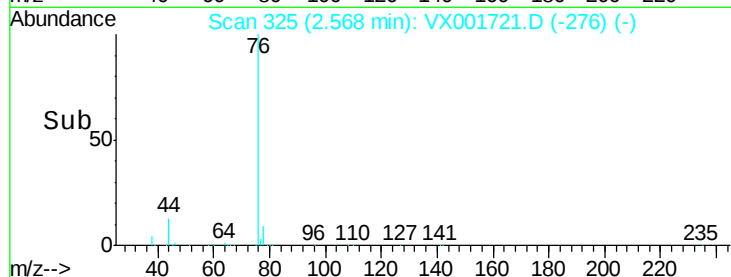
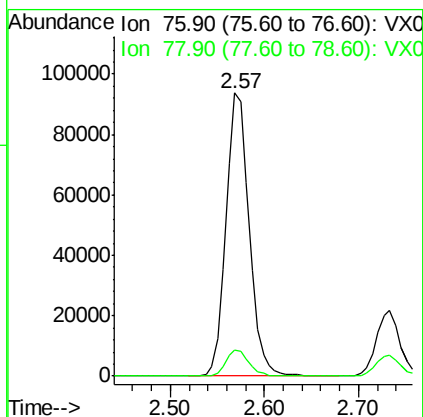
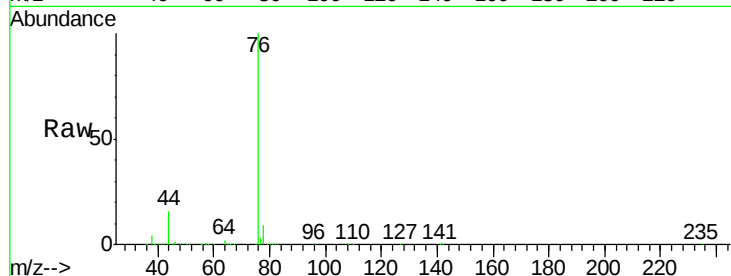




#17
Carbon Disulfide
Concen: 19.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

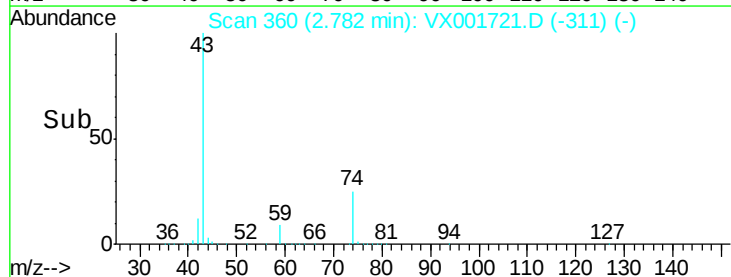
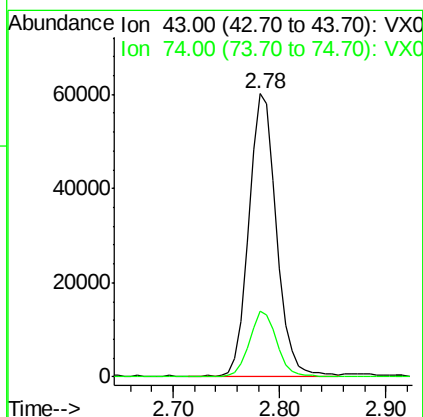
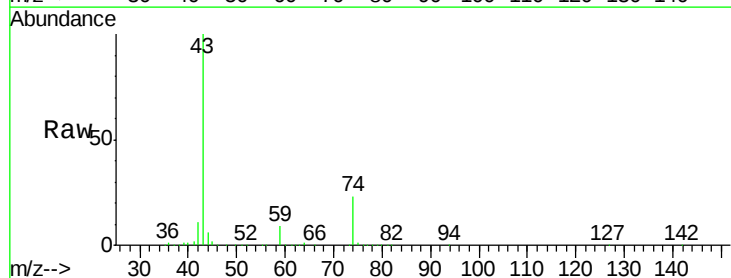
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

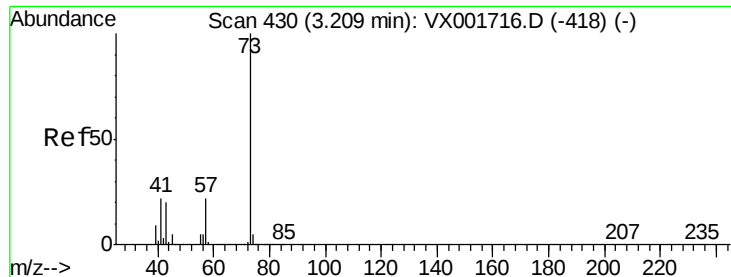
Tgt Ion: 76 Resp: 159740
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 22.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 43 Resp: 108754
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 21.81 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

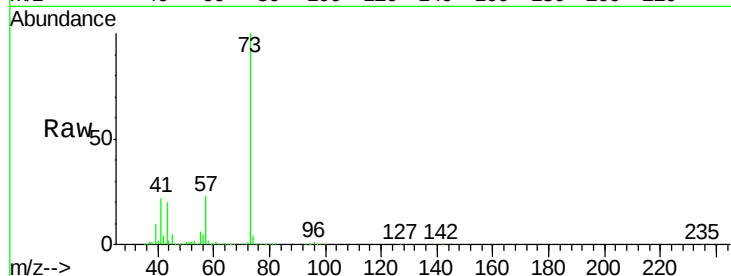
VX0515WBS01

Tgt Ion: 73 Resp: 226997

Ion Ratio Lower Upper

73 100

57 22.6 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

60000

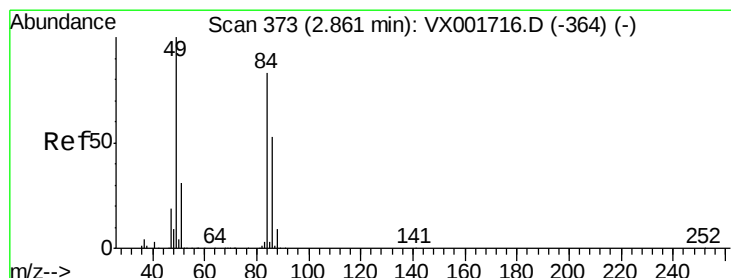
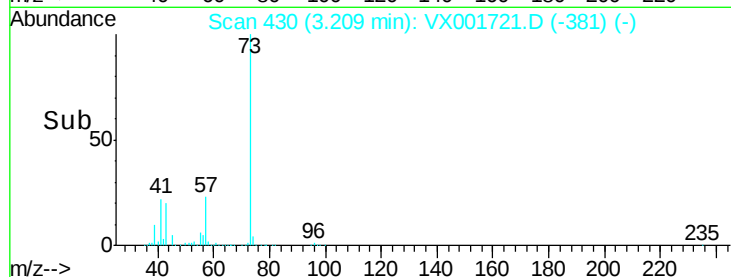
40000

20000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 20.96 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Tgt Ion: 84 Resp: 73809

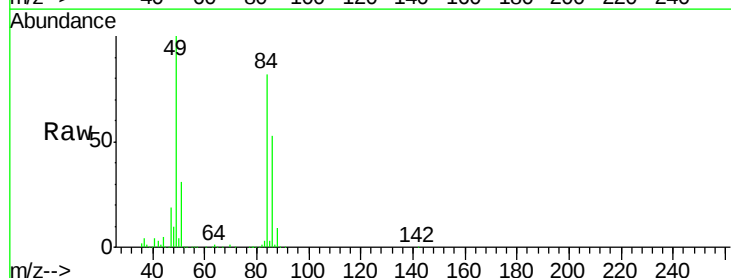
Ion Ratio Lower Upper

84 100

49 121.2 96.3 144.5

51 37.3 29.8 44.6

86 63.9 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

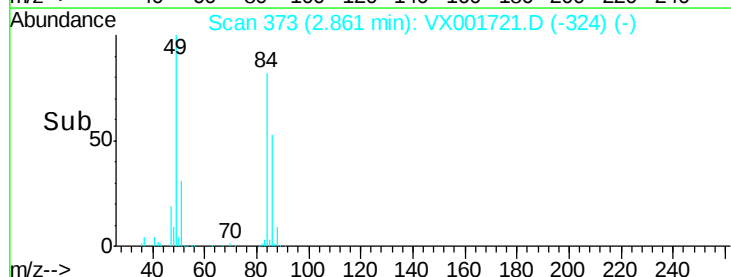
40000

20000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 20.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

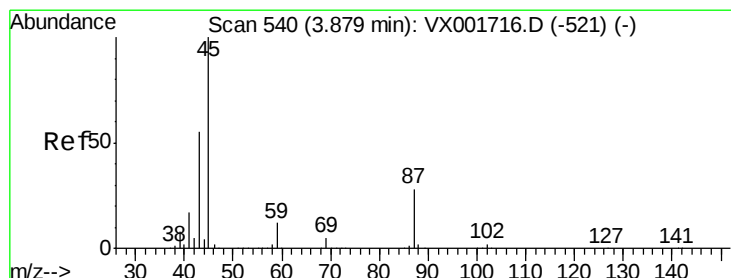
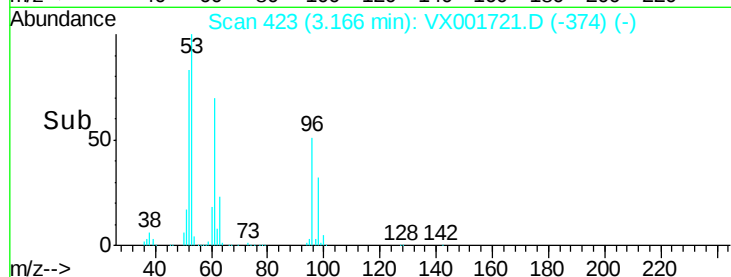
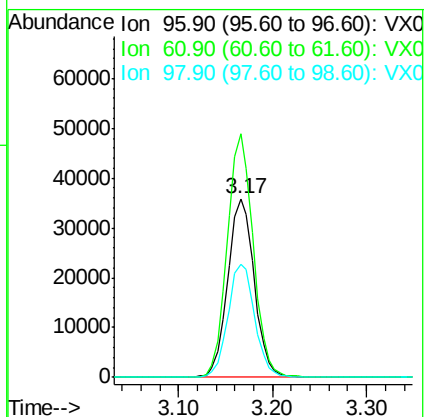
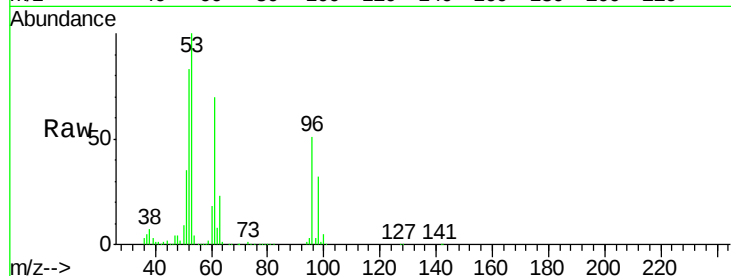
Tgt Ion: 96 Resp: 69975

Ion Ratio Lower Upper

96 100

61 136.2 105.8 158.8

98 63.5 50.2 75.4



#22

Diisopropyl ether

Concen: 21.09 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Tgt Ion: 45 Resp: 230916

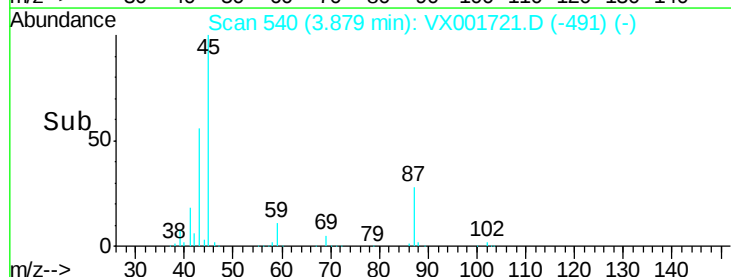
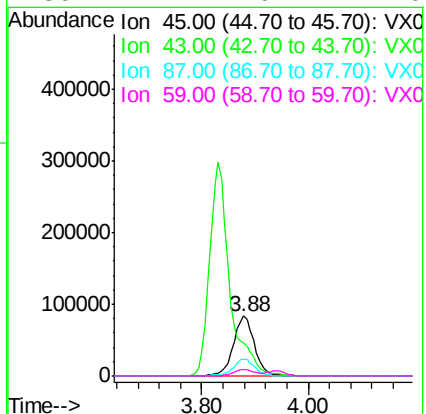
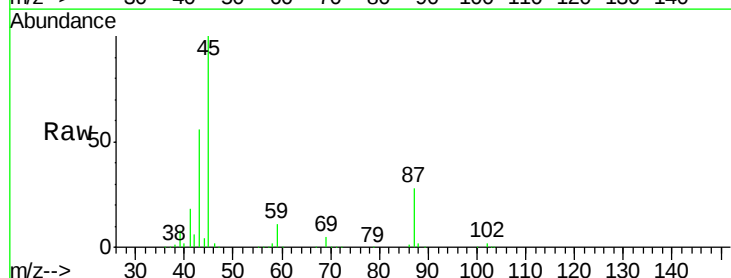
Ion Ratio Lower Upper

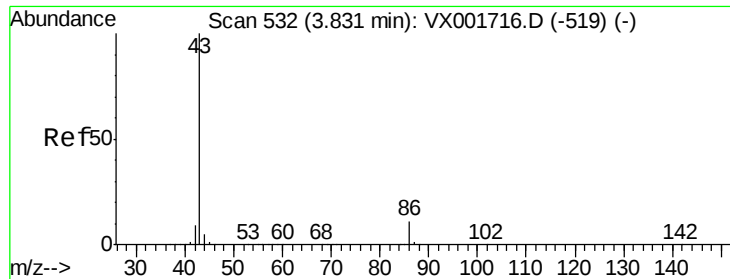
45 100

43 55.4 44.3 66.5

87 27.5 22.6 33.8

59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 99.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

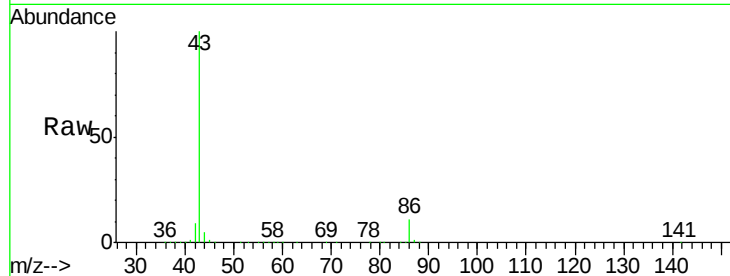
VX0515WBS01

Tgt Ion: 43 Resp: 783184

Ion Ratio Lower Upper

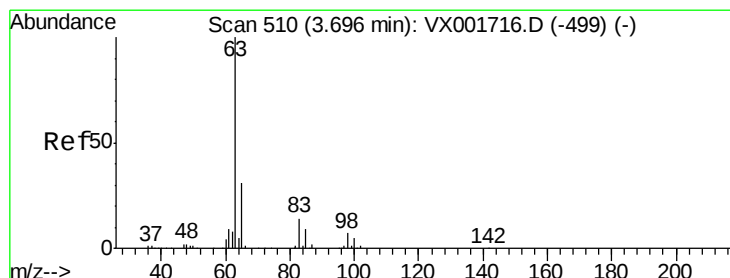
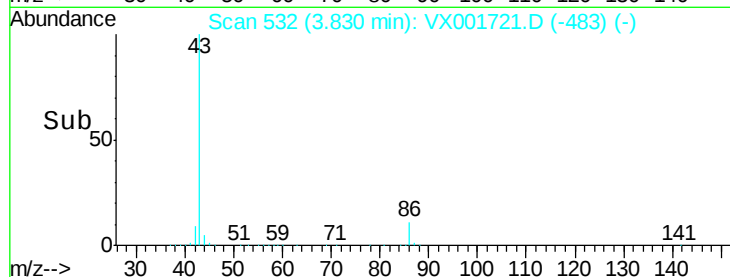
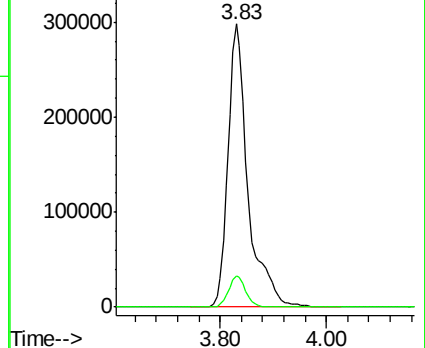
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.81 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

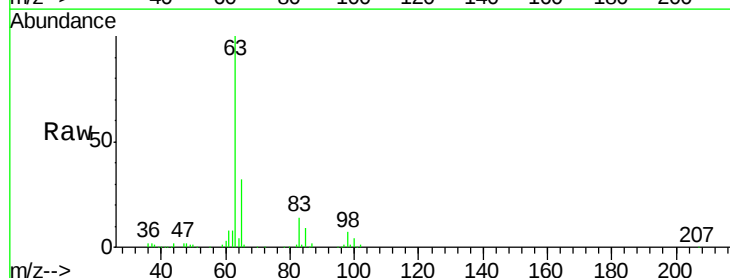
Tgt Ion: 63 Resp: 124996

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

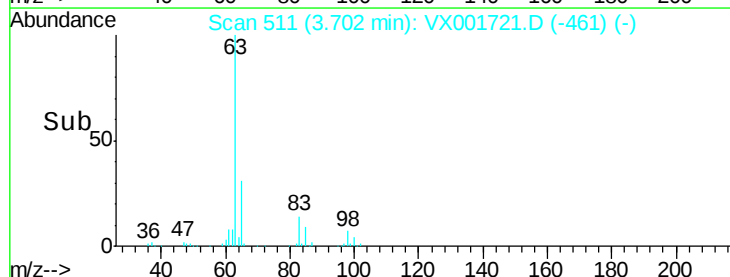
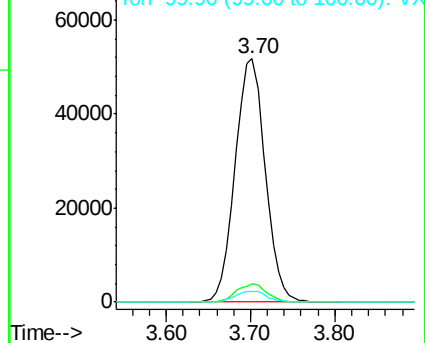
100 4.2 2.4 7.2

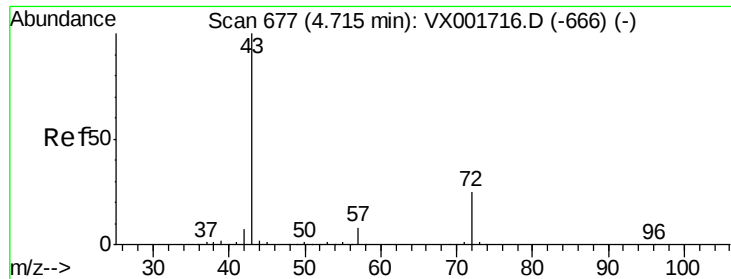


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.50 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

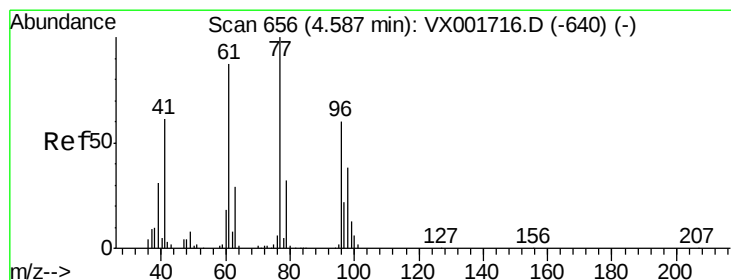
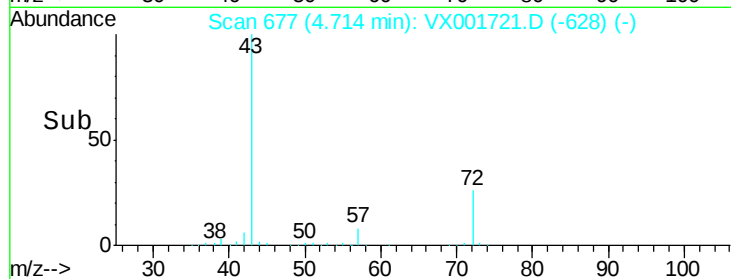
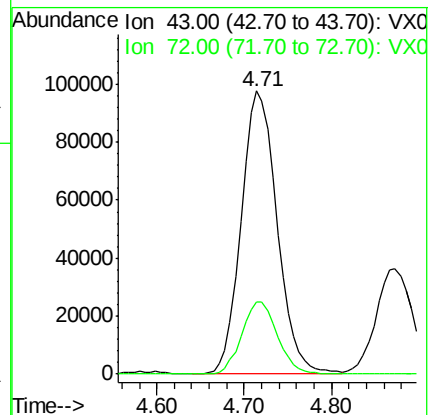
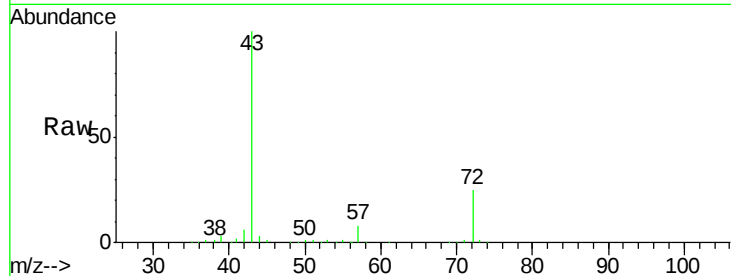
VX0515WBS01

Tgt Ion: 43 Resp: 278298

Ion Ratio Lower Upper

43 100

72 25.5 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.34 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001721.D

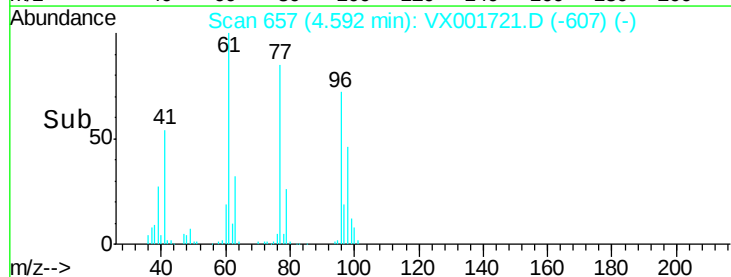
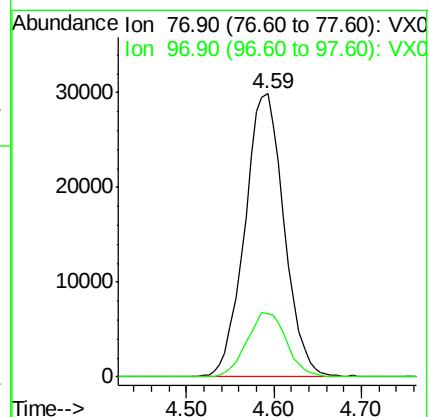
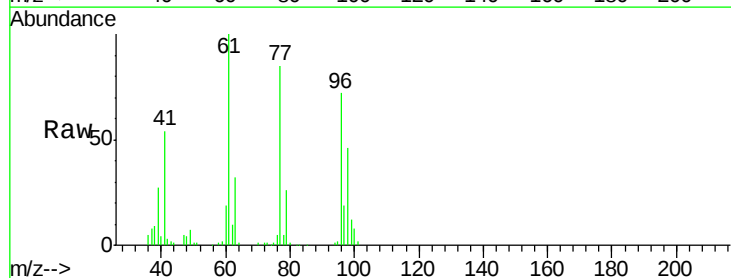
Acq: 14 May 2018 20:56

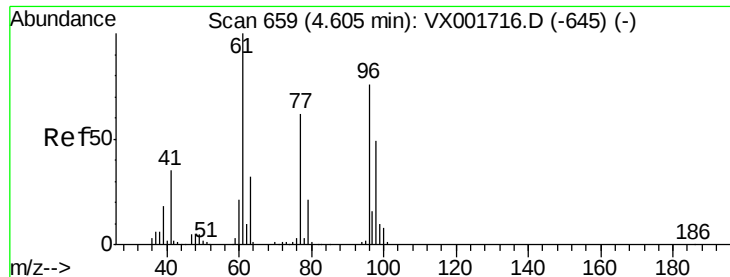
Tgt Ion: 77 Resp: 93522

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8



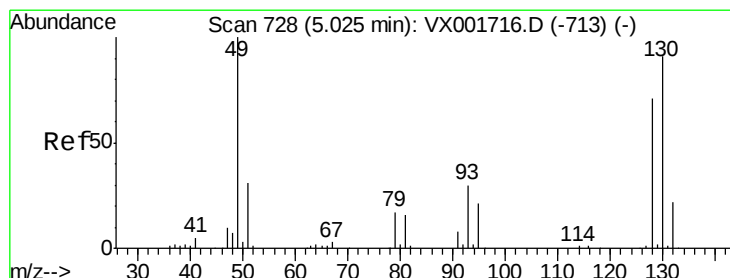
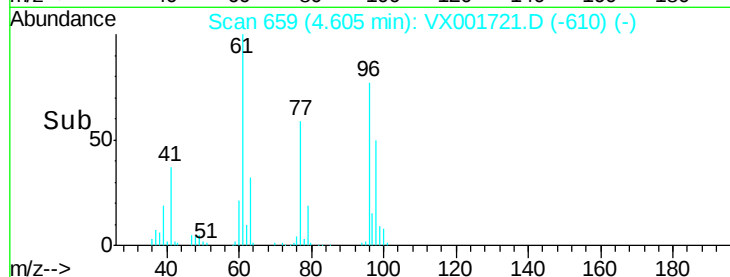
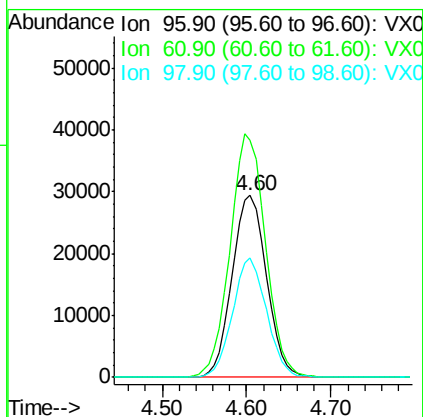
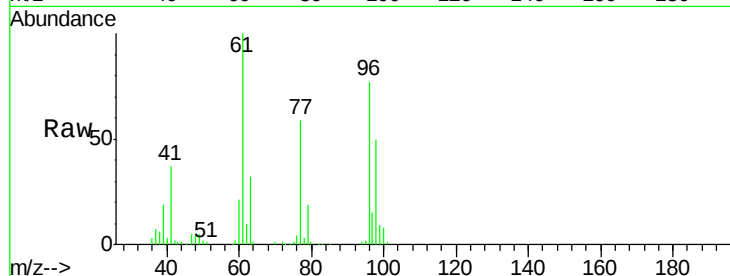


#27

cis-1,2-Dichloroethene
Concen: 21.06 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0515WBS01

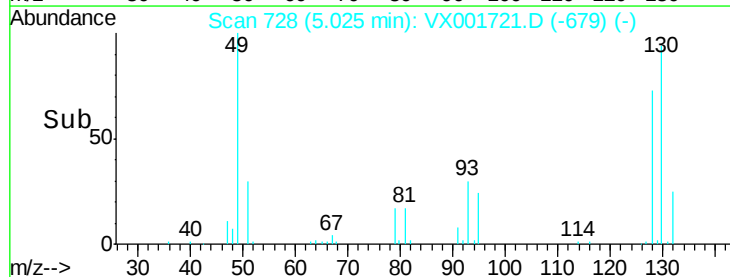
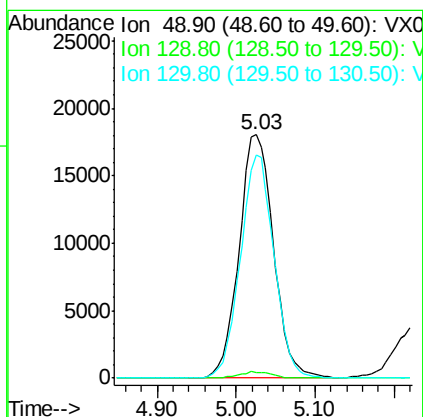
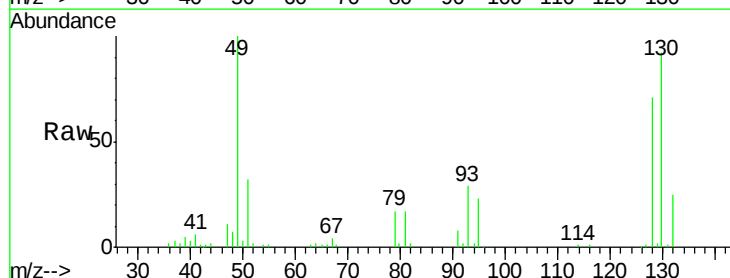
Tgt Ion: 96 Resp: 81526
Ion Ratio Lower Upper
96 100
61 137.7 0.0 280.4
98 64.4 0.0 128.4

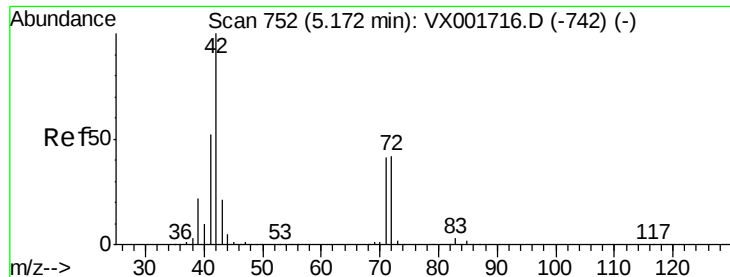


#28

Bromochloromethane
Concen: 20.58 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 49 Resp: 54899
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 89.1 71.8 107.6





#29

Tetrahydrofuran

Concen: 109.64 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

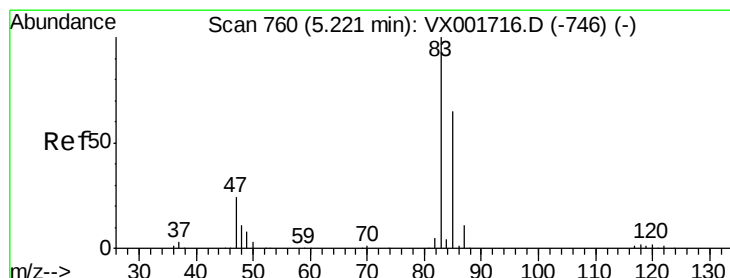
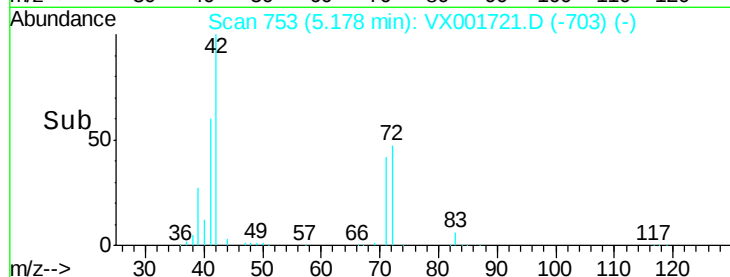
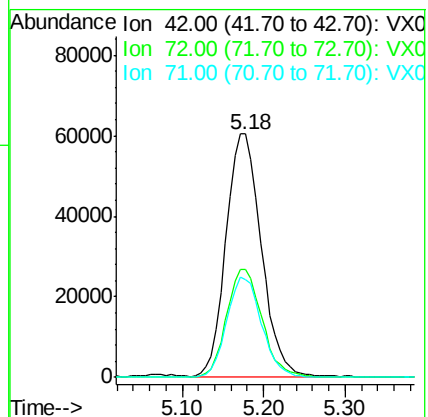
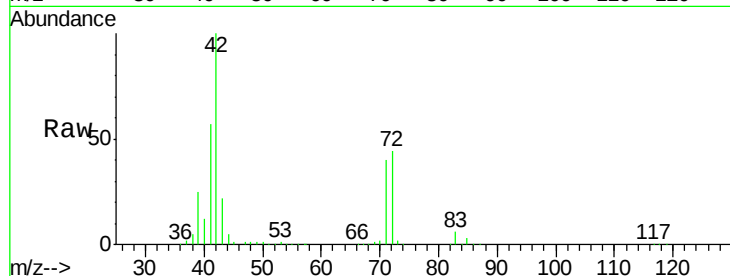
Tgt Ion: 42 Resp: 179990

Ion Ratio Lower Upper

42 100

72 44.9 35.4 53.2

71 41.0 33.2 49.8



#30

Chloroform

Concen: 21.31 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001721.D

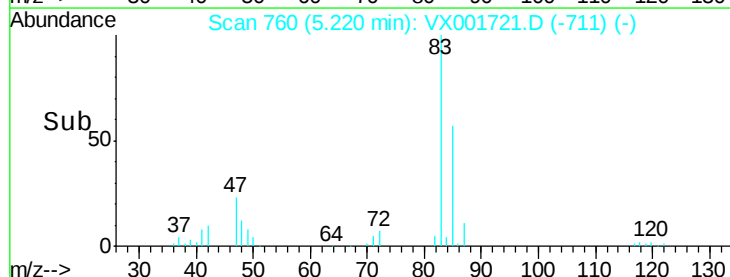
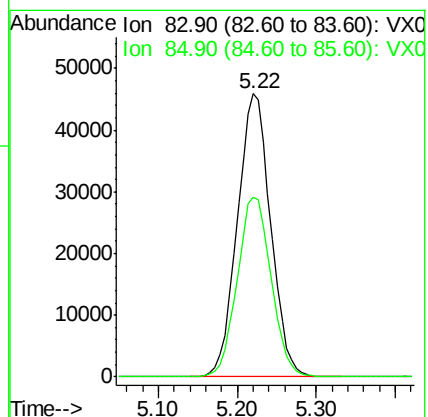
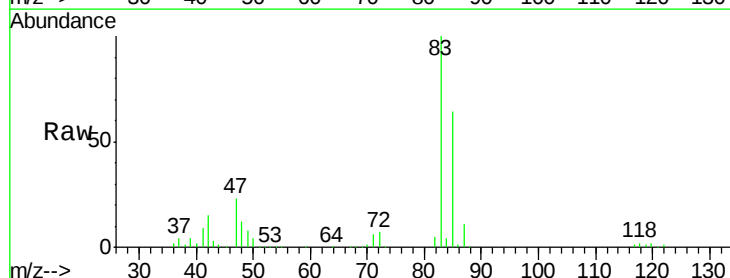
Acq: 14 May 2018 20:56

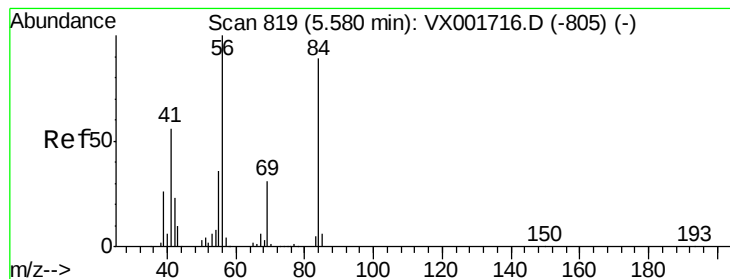
Tgt Ion: 83 Resp: 134450

Ion Ratio Lower Upper

83 100

85 63.6 52.3 78.5





#31

Cyclohexane

Concen: 19.72 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

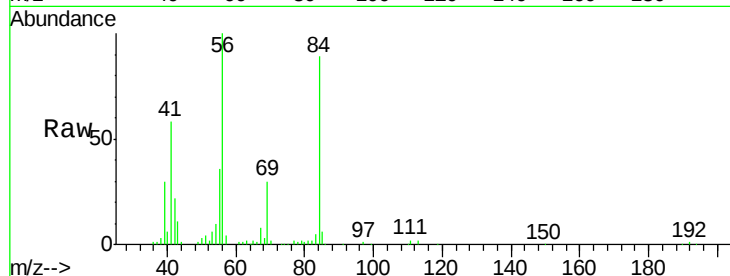
Tgt Ion: 56 Resp: 103790

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.6

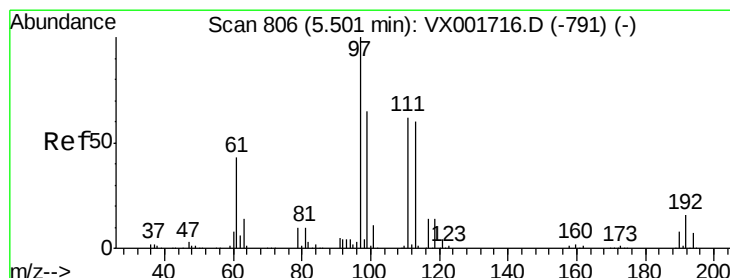
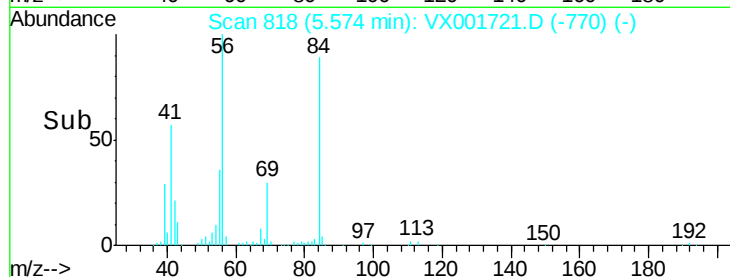
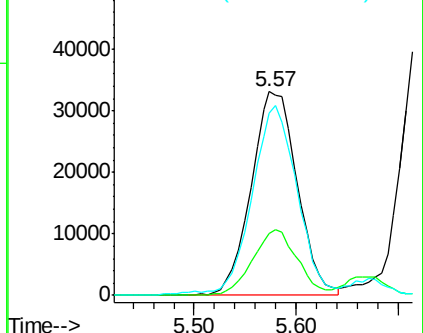
84 87.5 71.0 106.4



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: 20.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

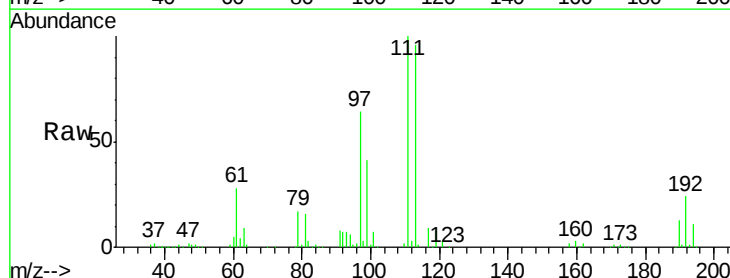
Tgt Ion: 97 Resp: 114362

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

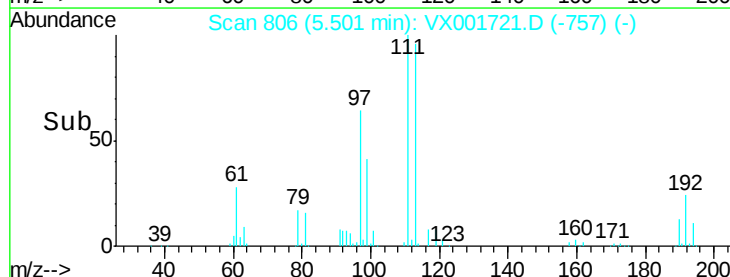
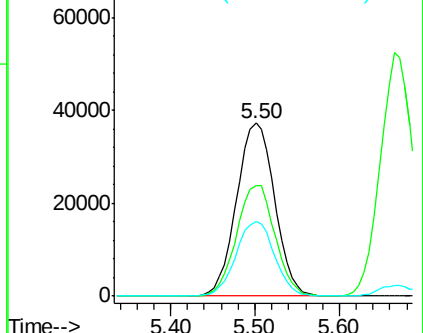
61 43.5 34.0 51.0



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: 52.09 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

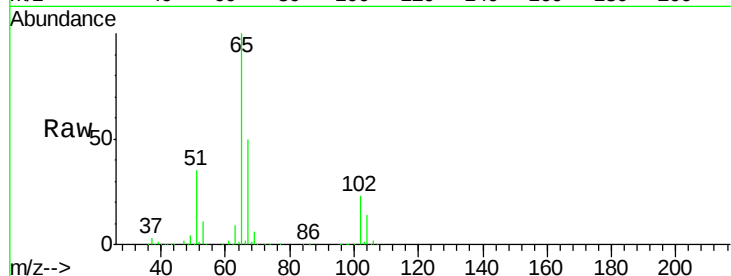
VX0515WBS01

Tgt Ion: 65 Resp: 218152

Ion Ratio Lower Upper

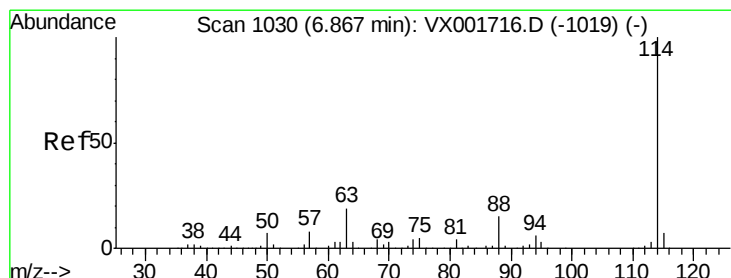
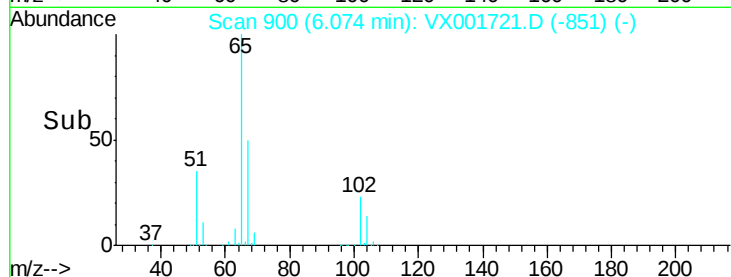
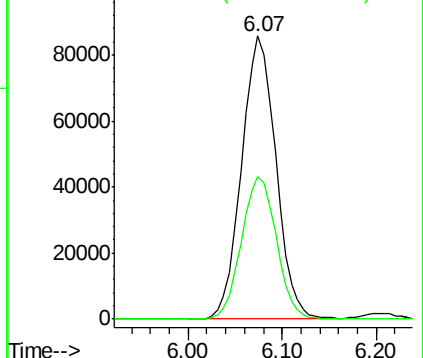
65 100

67 51.2 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: VX001721.D

Acq: 14 May 2018 20:56

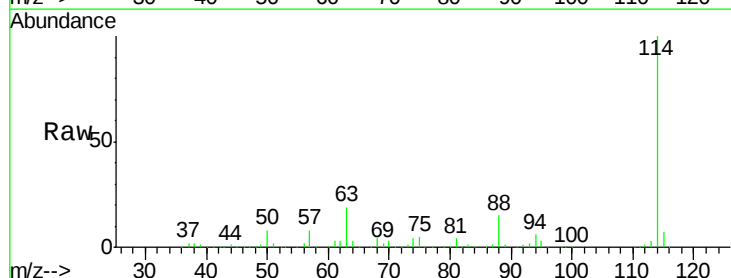
Tgt Ion: 114 Resp: 427265

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

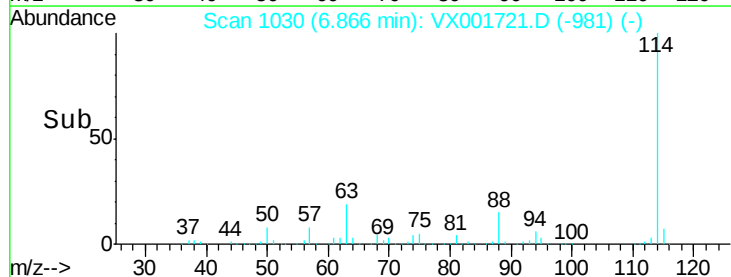
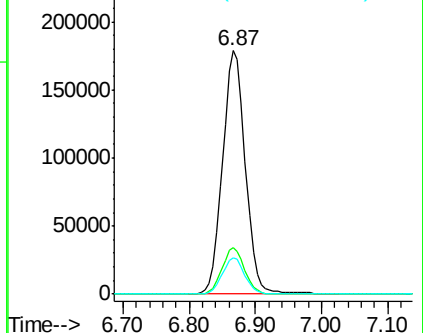
88 14.9 0.0 29.8

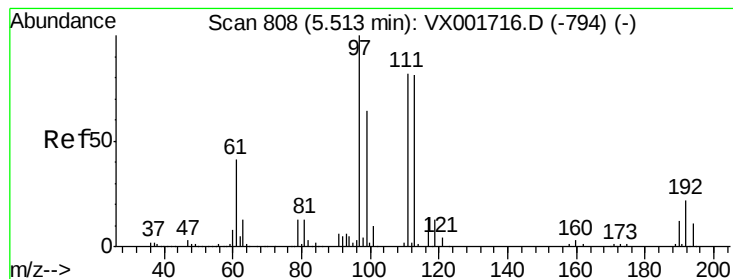


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

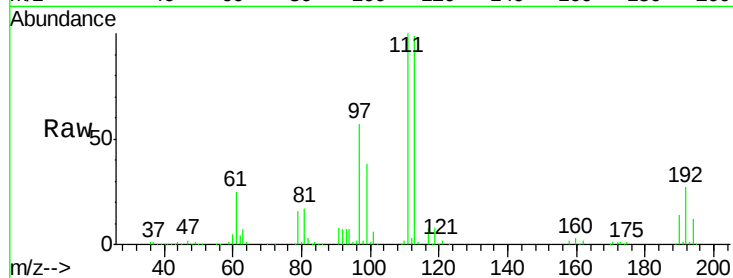
Tgt Ion:113 Resp: 177974

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

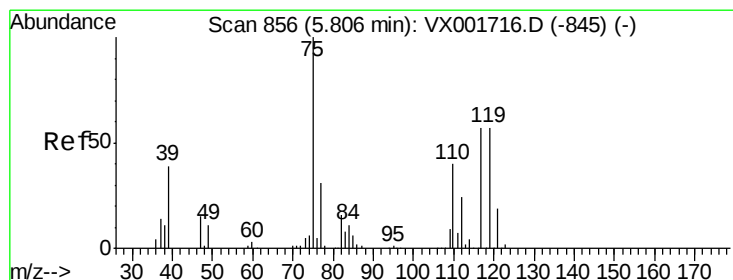
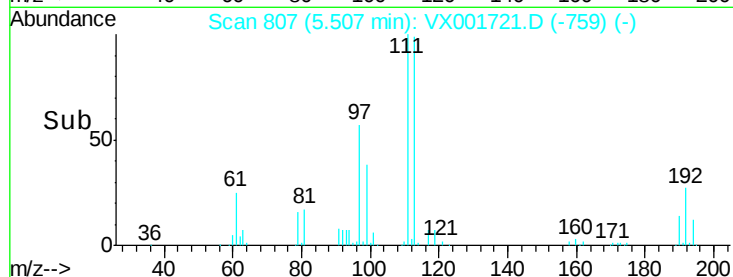
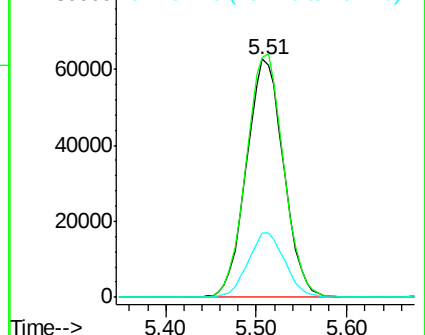
192 27.0 21.6 32.4



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: 19.19 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

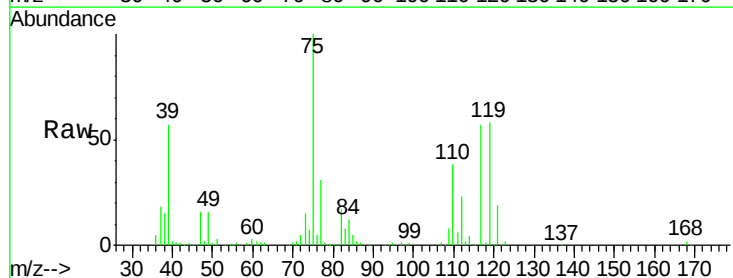
Tgt Ion: 75 Resp: 94388

Ion Ratio Lower Upper

75 100

110 38.8 19.1 57.1

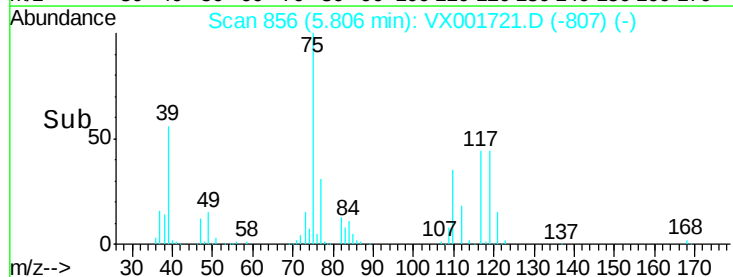
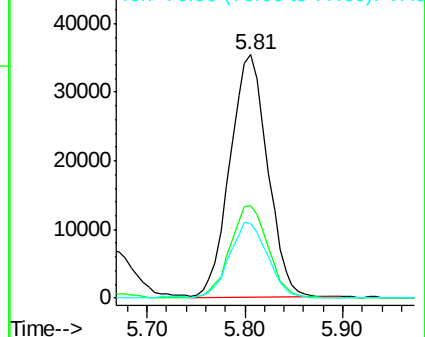
77 31.1 24.6 37.0

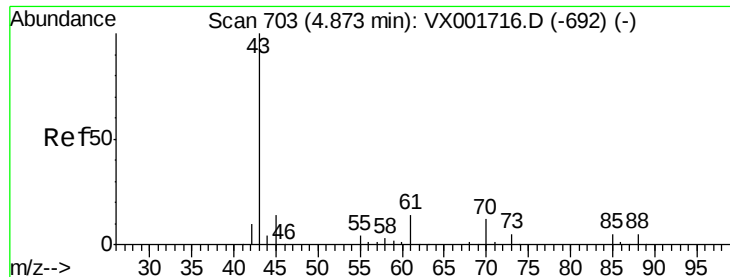


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

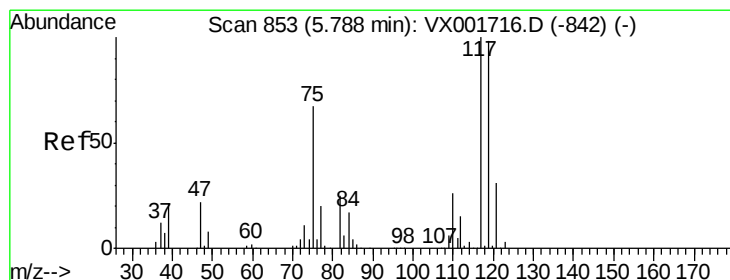
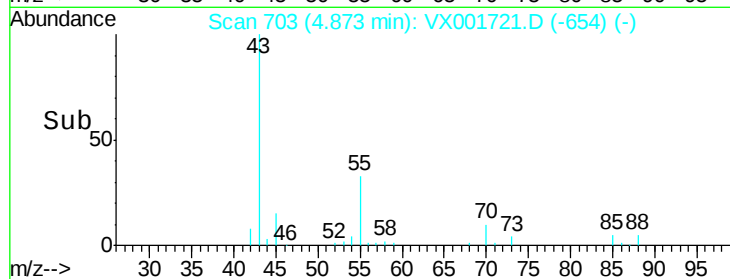
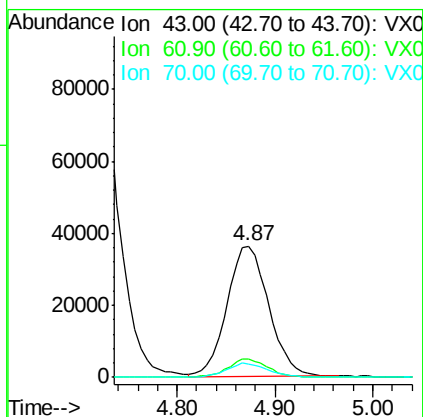
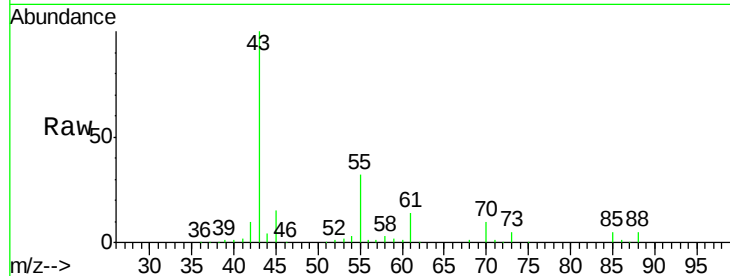




#37
Ethyl Acetate
Concen: 20.85 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

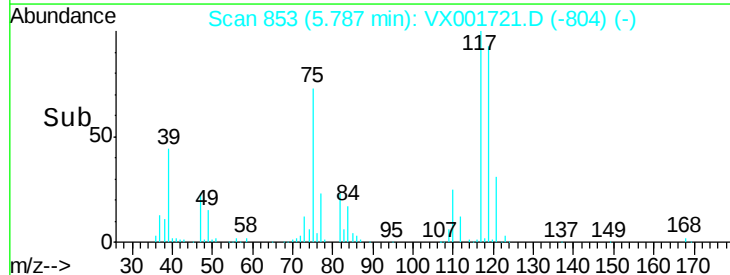
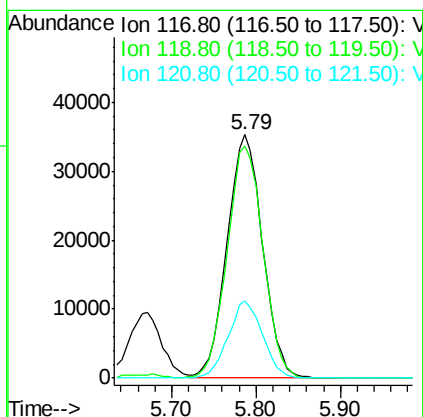
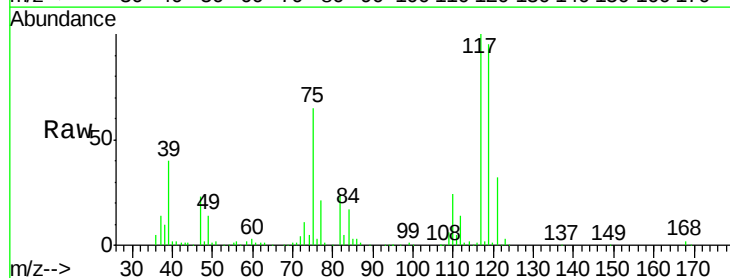
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

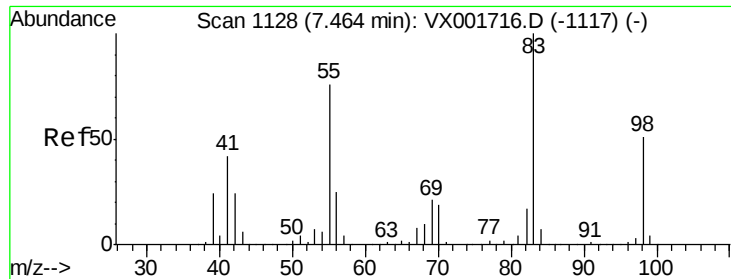
Tgt Ion: 43 Resp: 106878
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.63 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 117 Resp: 101168
Ion Ratio Lower Upper
117 100
119 95.2 77.6 116.4
121 31.7 24.6 36.8

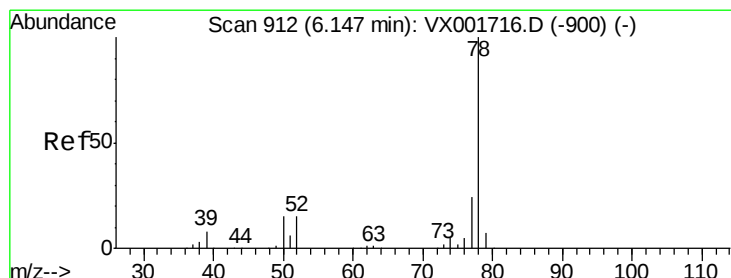
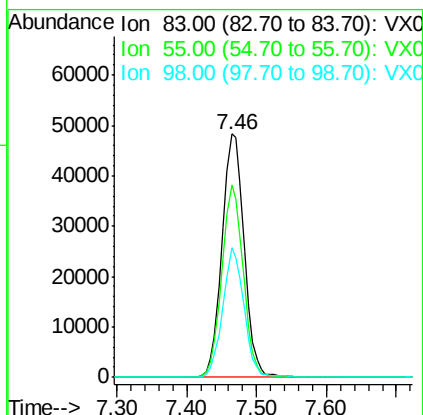
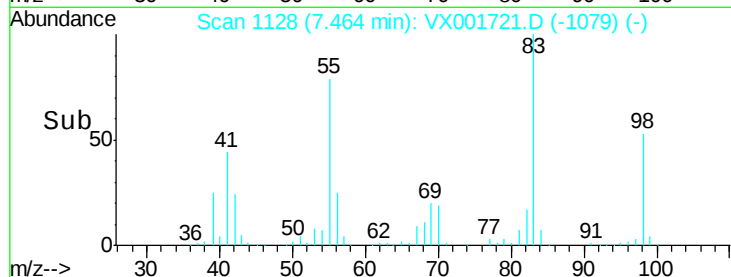
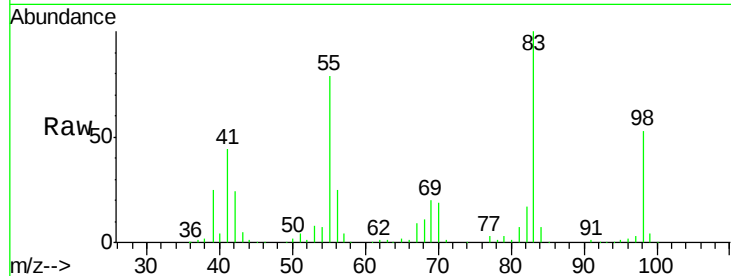




#39
Methylcyclohexane
Concen: 18.62 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

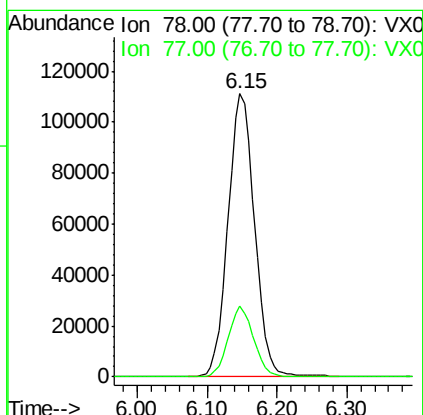
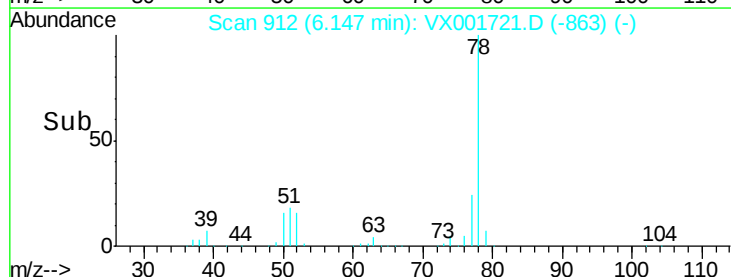
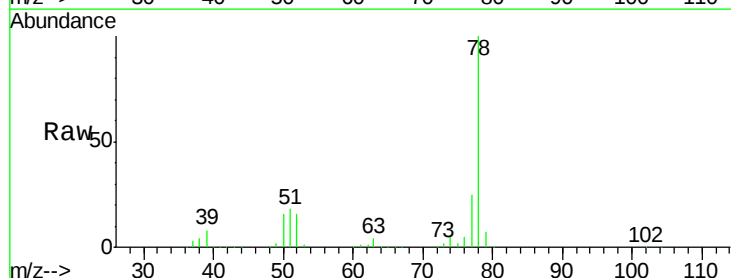
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

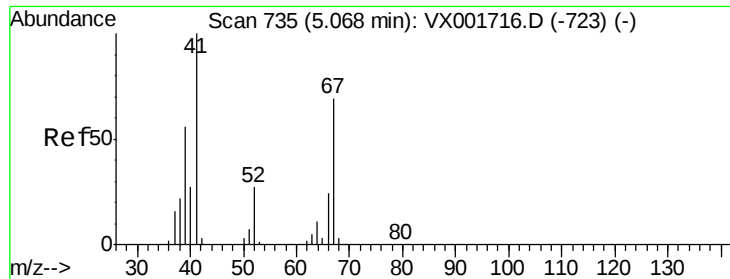
Tgt Ion: 83 Resp: 107028
Ion Ratio Lower Upper
83 100
55 78.9 60.6 90.8
98 53.3 40.4 60.6



#40
Benzene
Concen: 20.28 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 78 Resp: 293920
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4

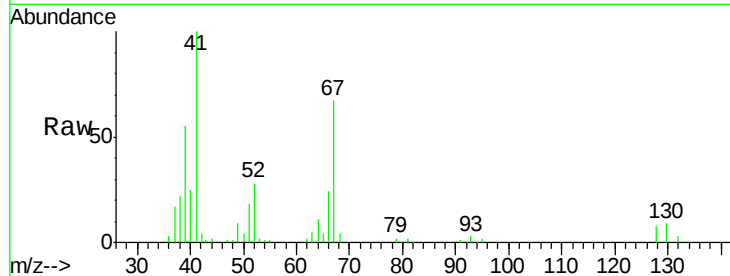




#41
Methacrylonitrile
Concen: 20.77 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VX0515WBS01

Tgt Ion:	41	Resp:	61570
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.2	66.4
67	69.1	56.0	84.0
52	29.1	22.6	33.8



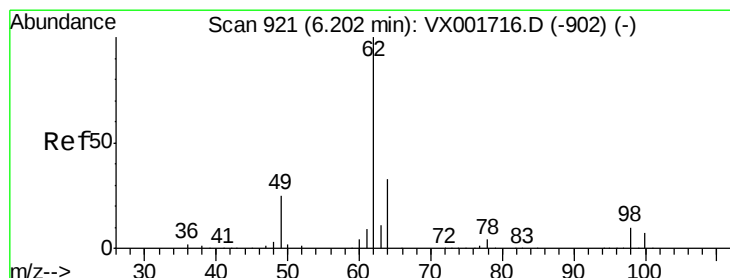
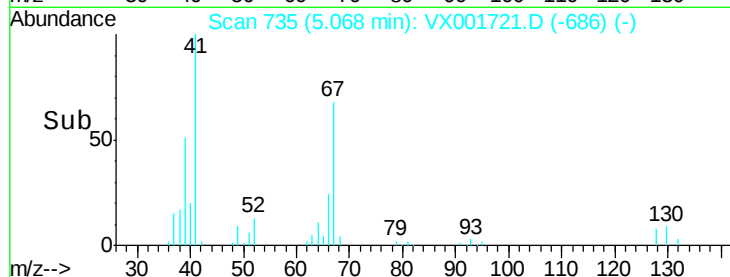
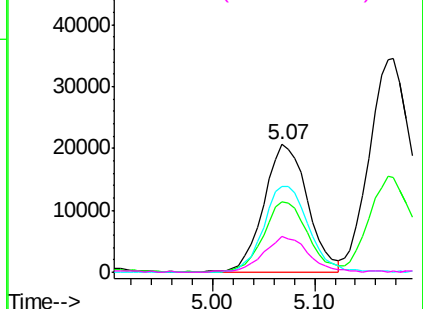
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

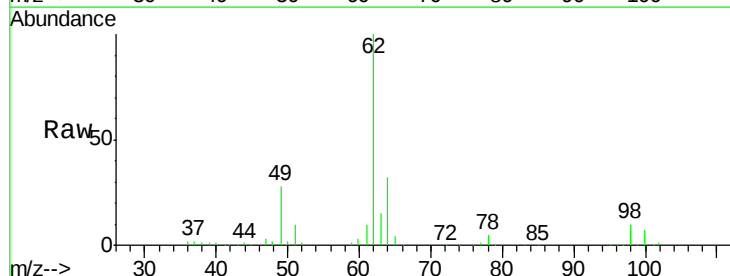
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

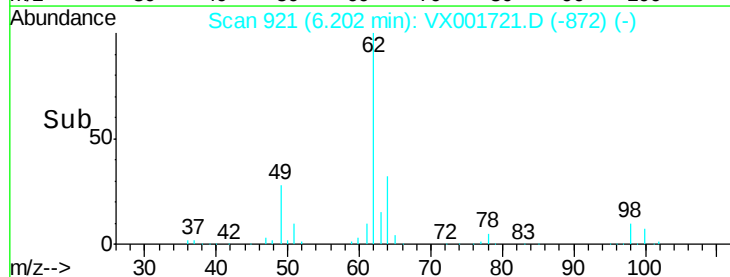
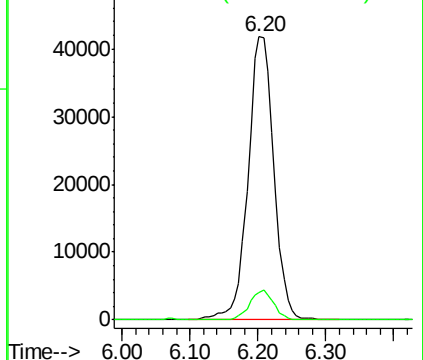
Tgt Ion:	62	Resp:	110011
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0

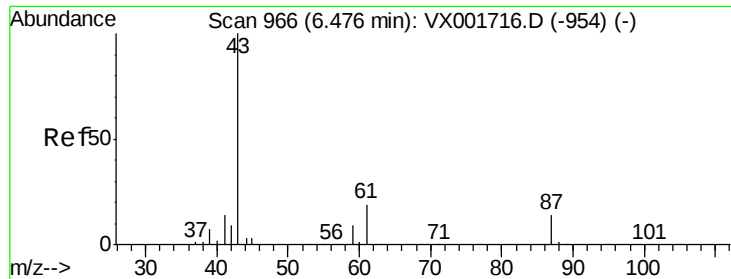


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

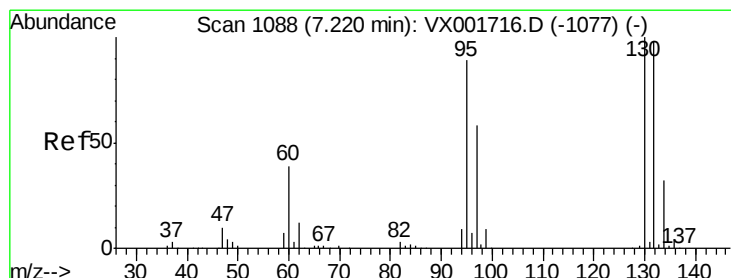
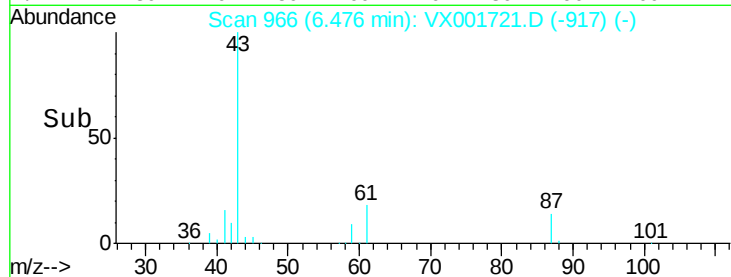
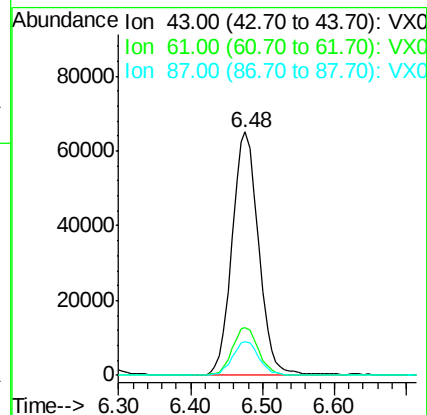
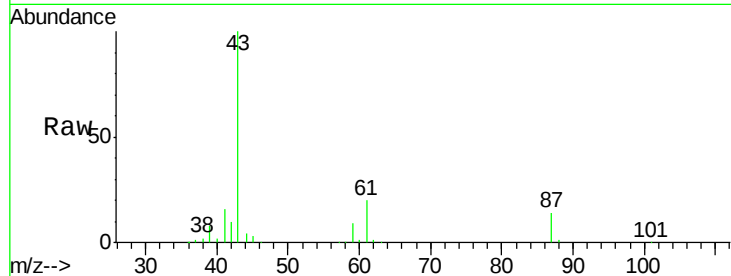
Tgt Ion: 43 Resp: 166541

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.8

87 13.9 11.0 16.4



#44

Trichloroethene

Concen: 19.66 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001721.D

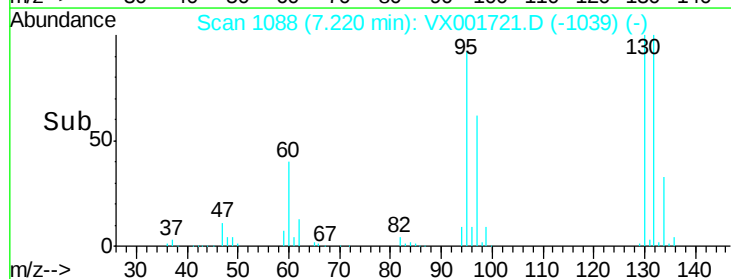
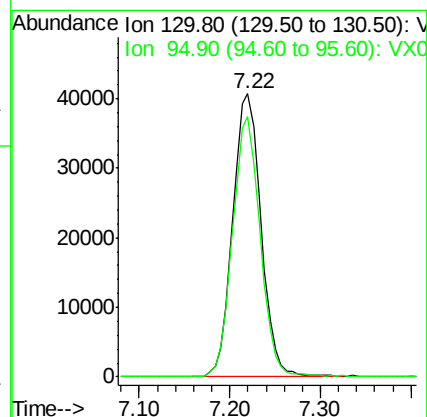
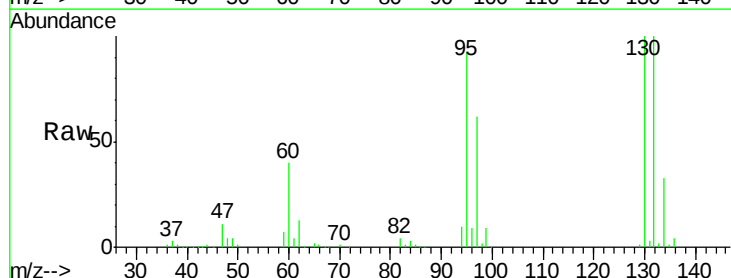
Acq: 14 May 2018 20:56

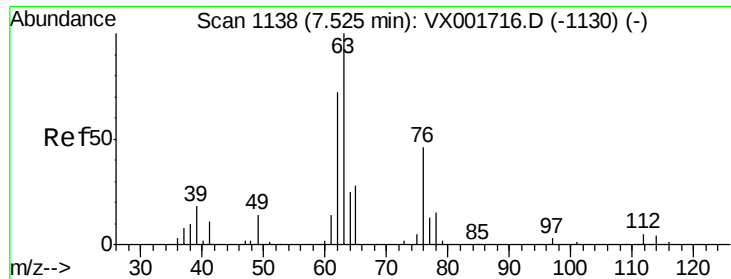
Tgt Ion: 130 Resp: 88414

Ion Ratio Lower Upper

130 100

95 92.2 0.0 177.2

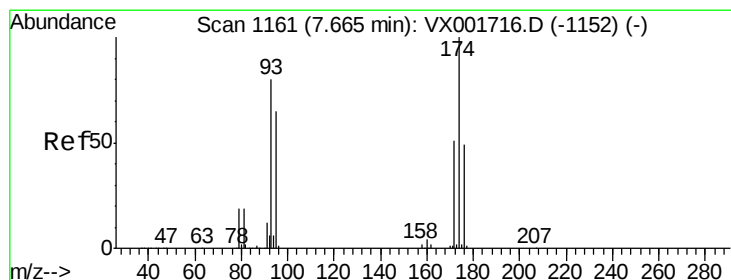
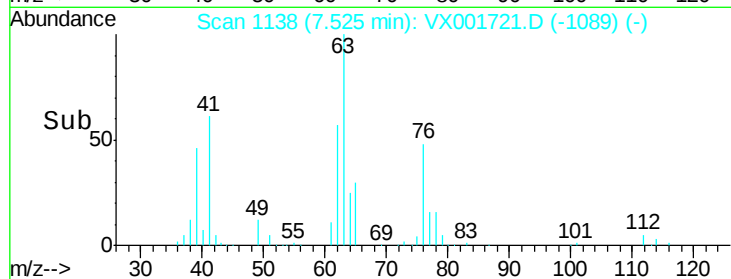
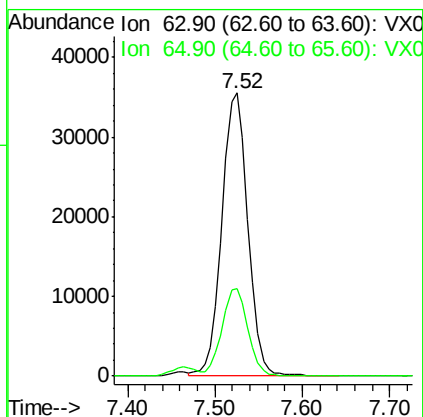
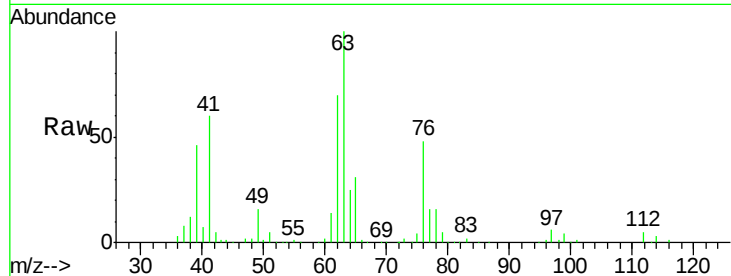




#45
 1,2-Dichloropropane
 Concen: 20.64 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

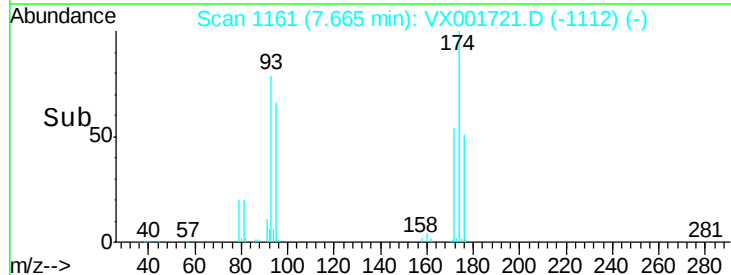
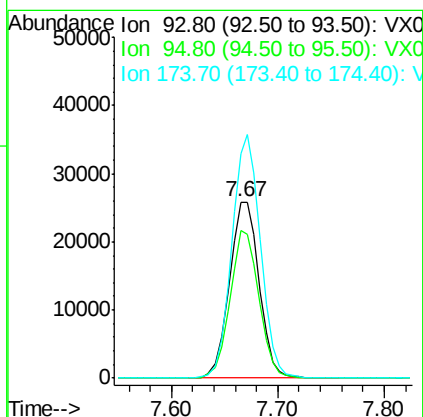
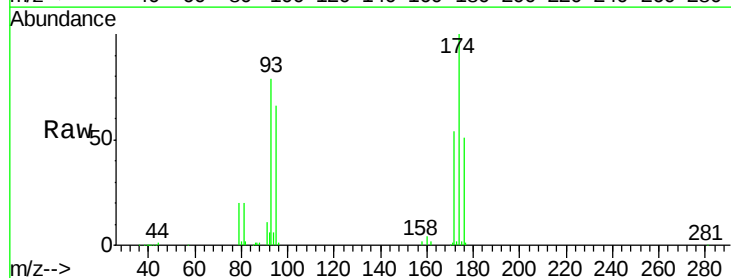
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tgt Ion: 63 Resp: 73411
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.2



#46
 Dibromomethane
 Concen: 20.23 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion: 93 Resp: 50516
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.9 98.9
 174 133.2 106.2 159.2





#47

Bromodichloromethane

Concen: 20.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

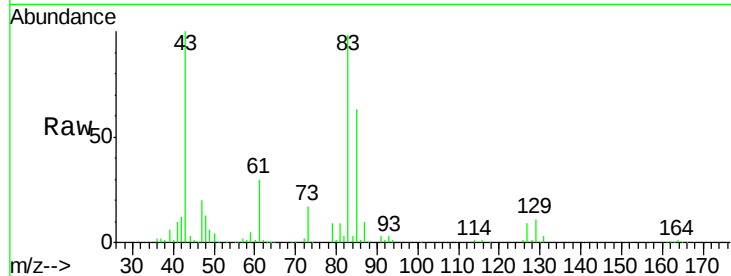
Tgt Ion: 83 Resp: 94942

Ion Ratio Lower Upper

83 100

85 64.0 49.6 74.4

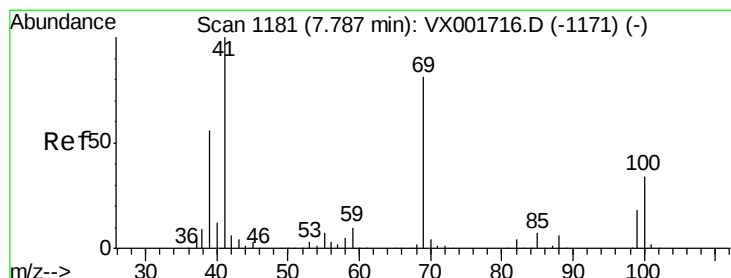
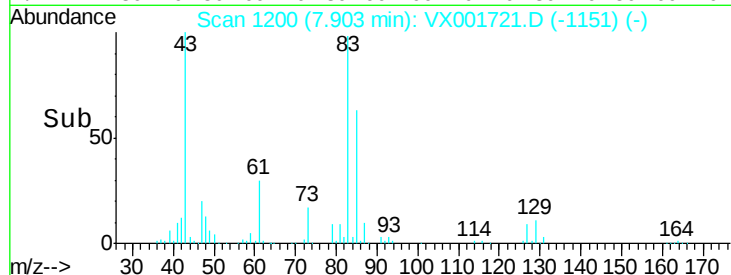
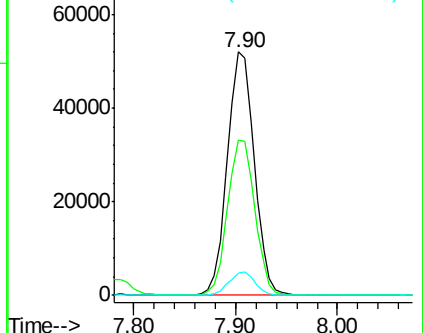
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.26 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

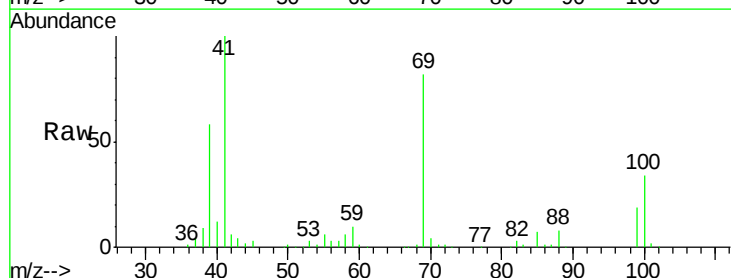
Tgt Ion: 41 Resp: 89792

Ion Ratio Lower Upper

41 100

69 80.5 65.2 97.8

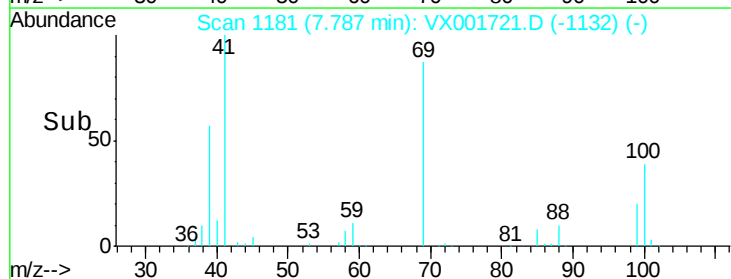
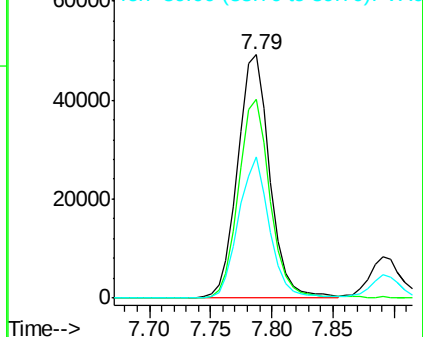
39 55.1 44.5 66.7

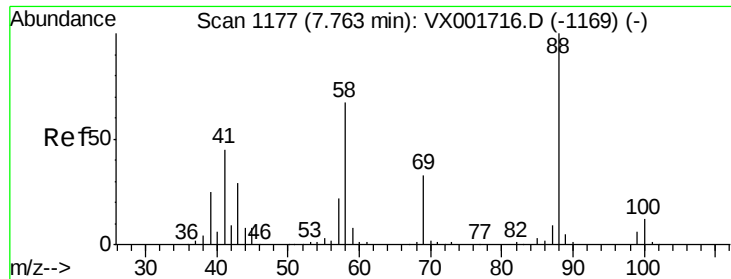


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

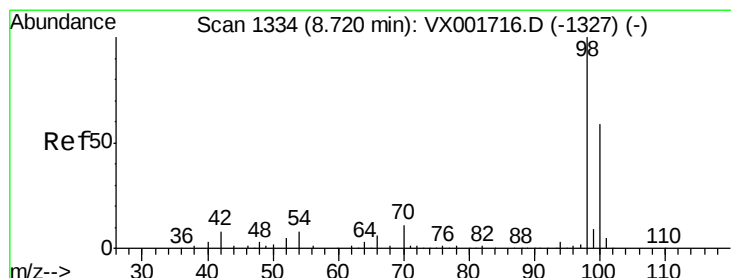
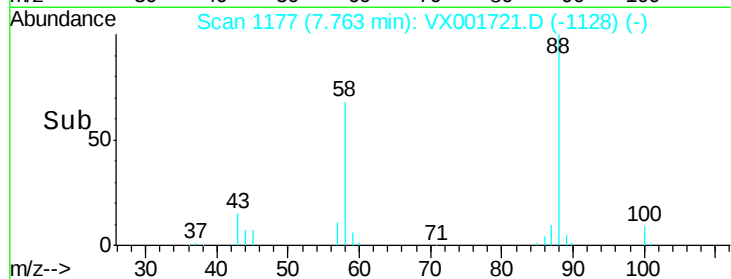
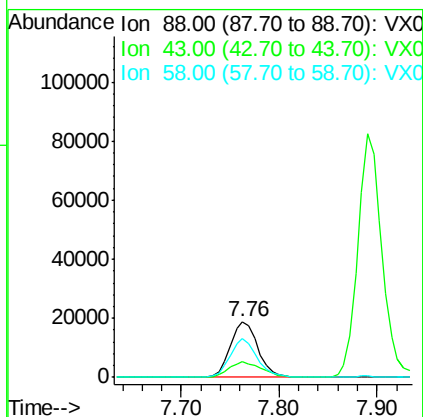
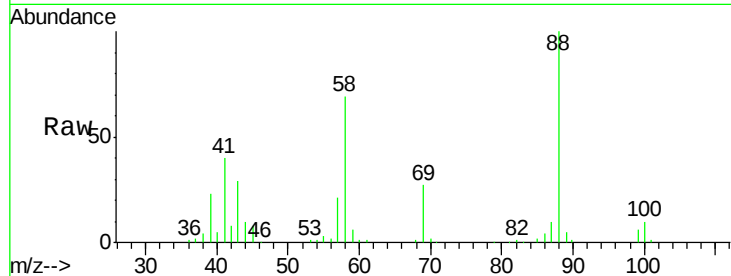




#49
1,4-Dioxane
Concen: 453.71 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

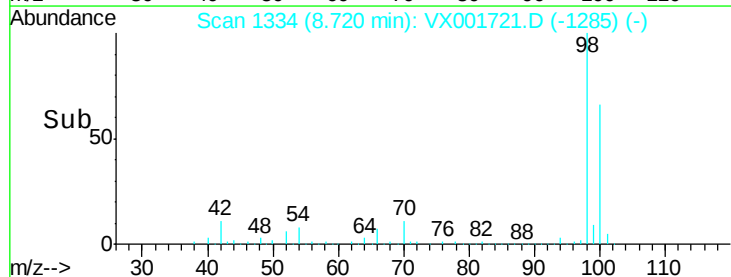
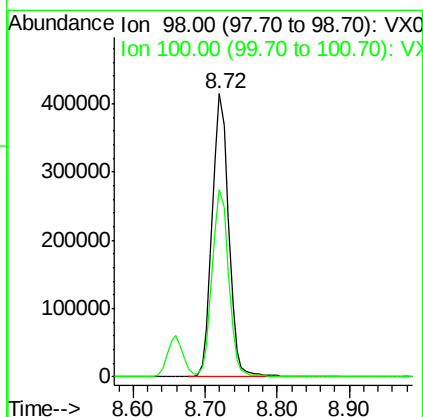
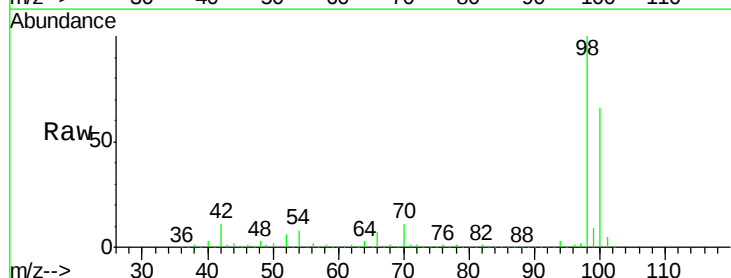
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

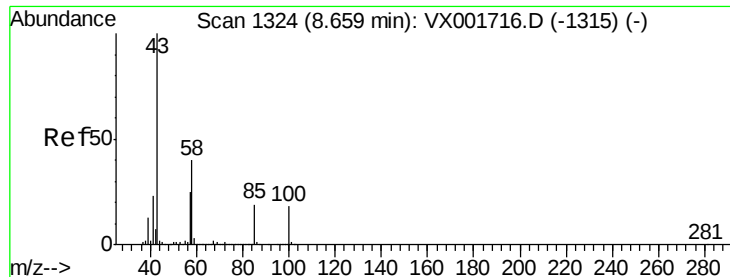
Tgt Ion: 88 Resp: 36889
Ion Ratio Lower Upper
88 100
43 33.7 27.3 40.9
58 68.4 55.9 83.9



#50
Toluene-d8
Concen: 51.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 98 Resp: 660133
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0

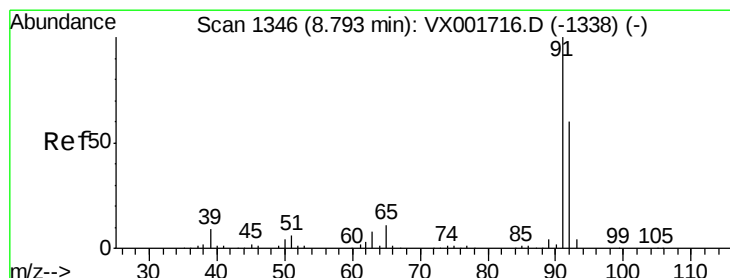
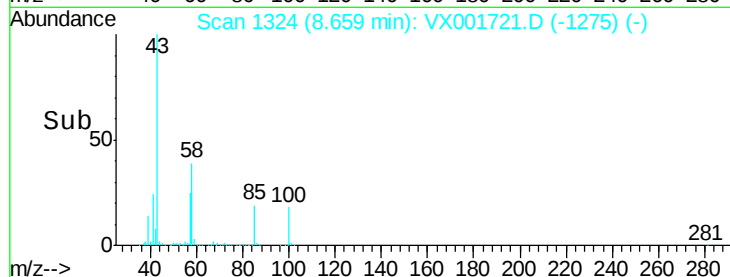
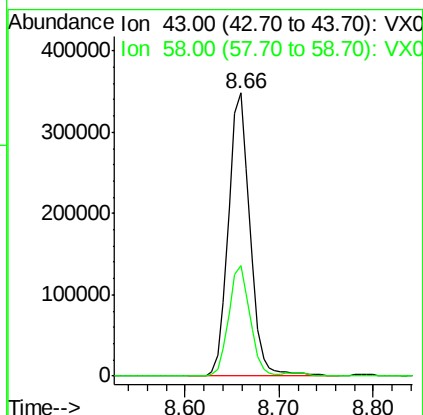
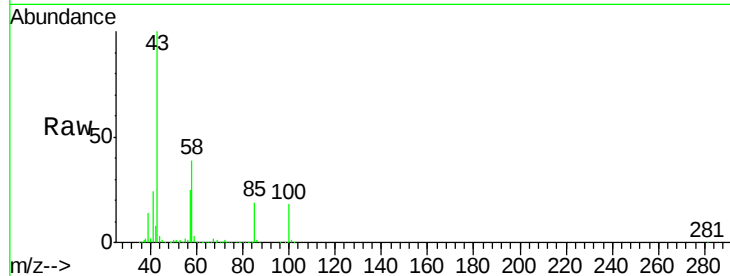




#51
 4-Methyl-2-Pentanone
 Concen: 109.38 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

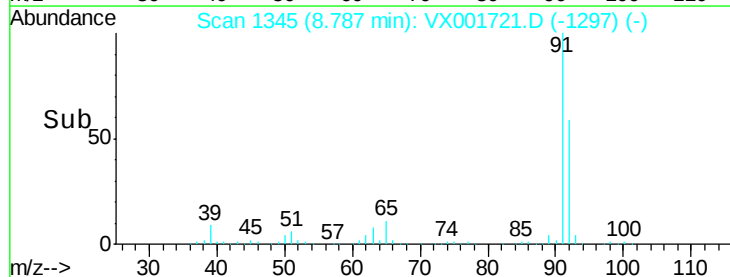
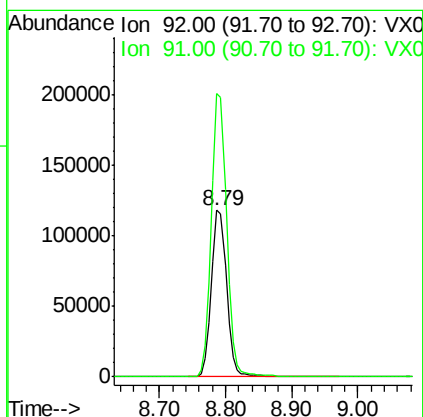
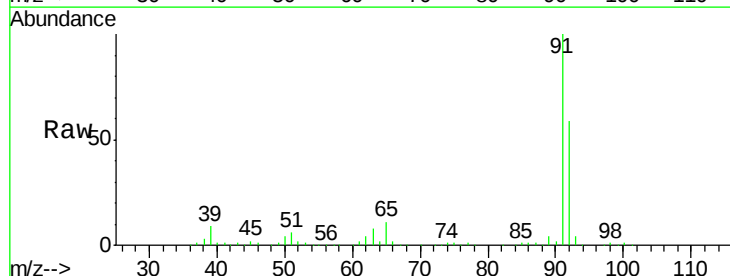
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

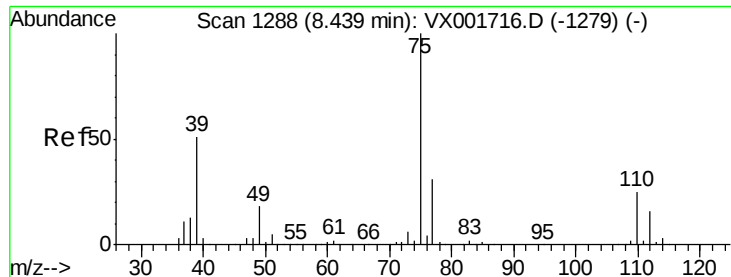
Tgt Ion: 43 Resp: 556109
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.4 47.0



#52
 Toluene
 Concen: 20.43 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion: 92 Resp: 190263
 Ion Ratio Lower Upper
 92 100
 91 170.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 20.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

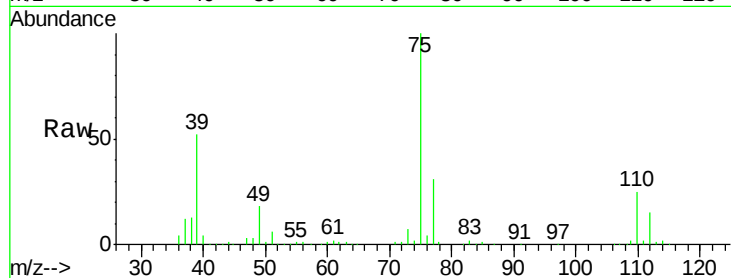
VX0515WBS01

Tgt Ion: 75 Resp: 113741

Ion Ratio Lower Upper

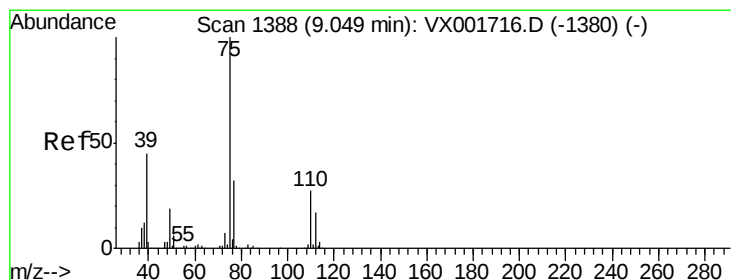
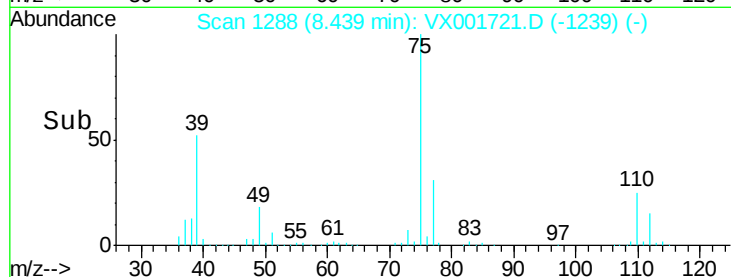
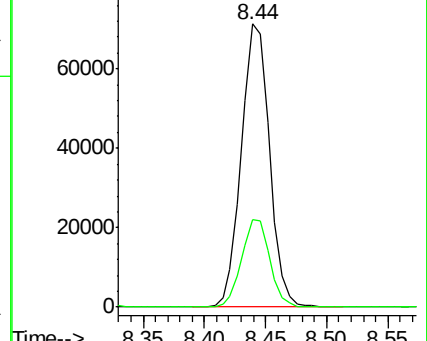
75 100

77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.91 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

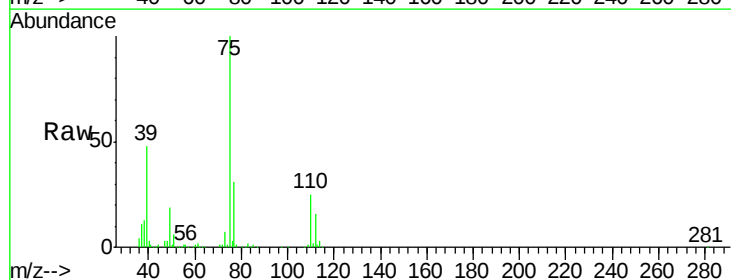
Tgt Ion: 75 Resp: 100489

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

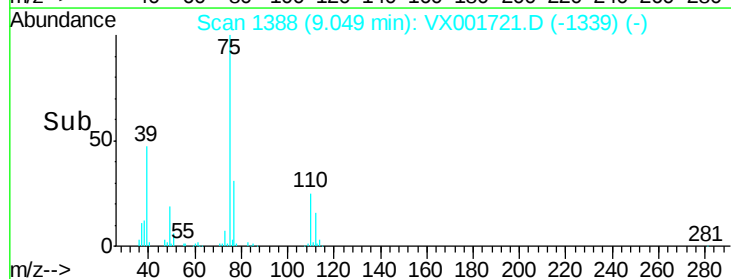
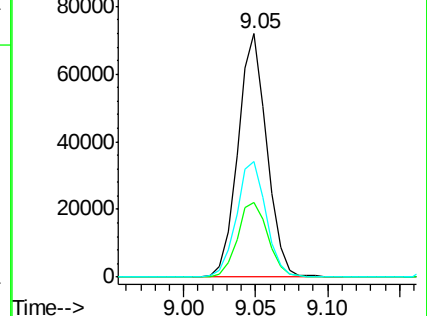
39 47.6 36.1 54.1

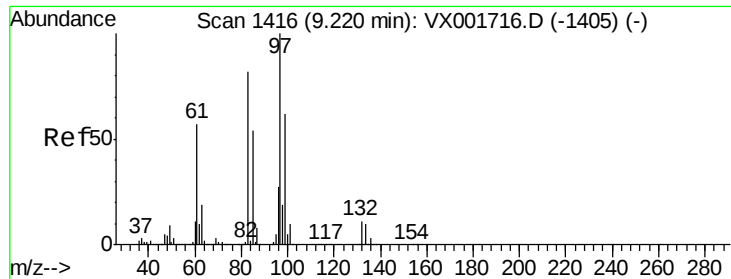


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

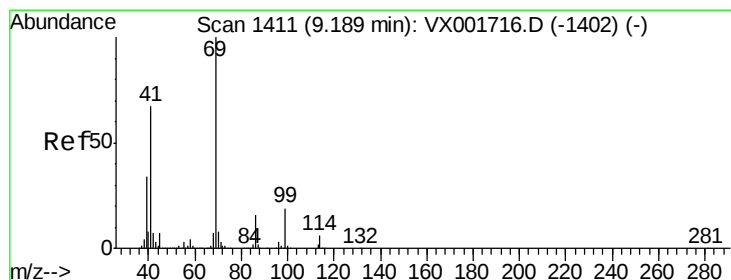
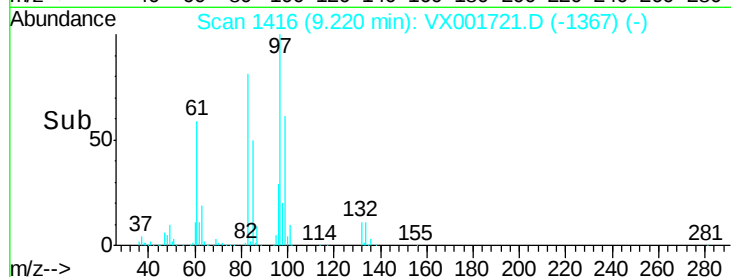
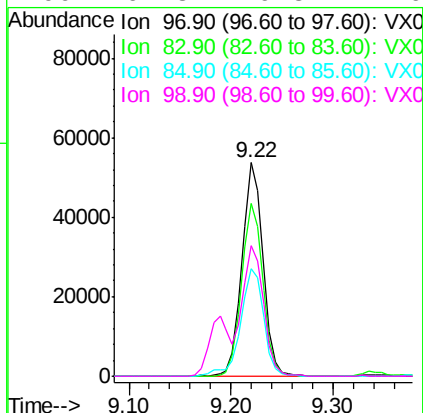
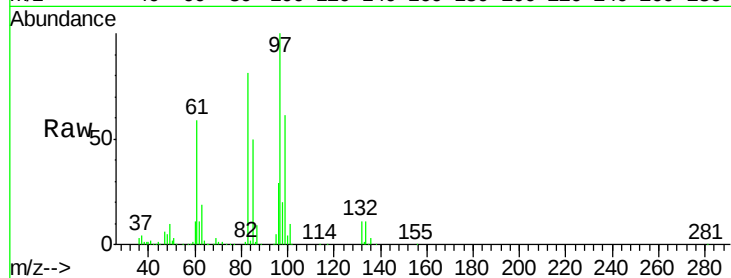




#55
 1,1,2-Trichloroethane
 Concen: 21.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

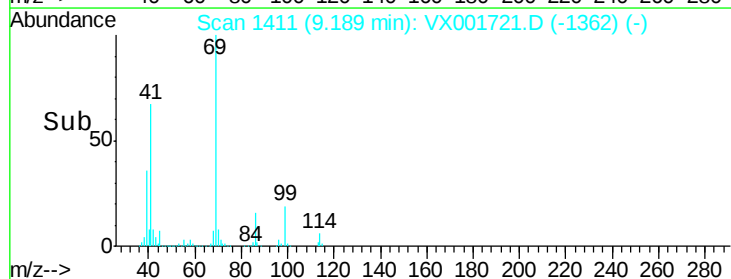
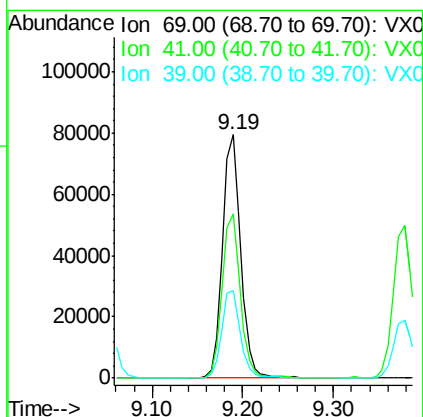
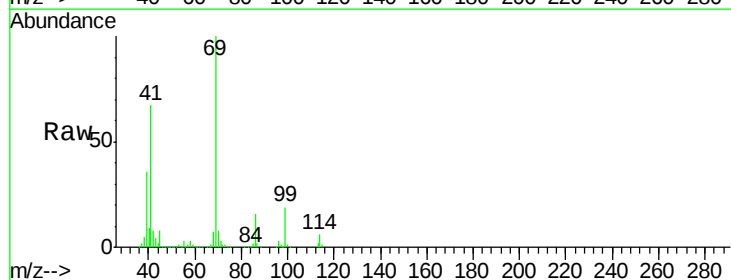
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

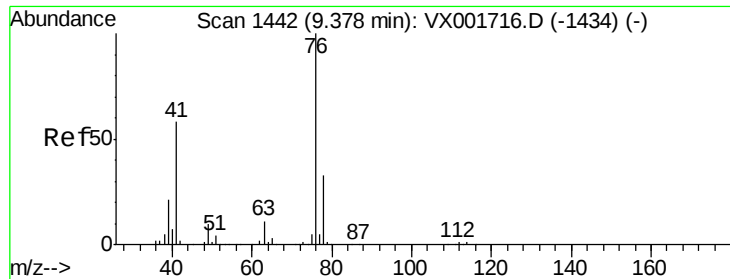
Tgt Ion:	97	Resp:	76378
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.8
85	50.2	43.4	65.0
99	61.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 22.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion:	69	Resp:	111364
Ion	Ratio	Lower	Upper
69	100		
41	67.7	53.5	80.3
39	36.6	27.2	40.8

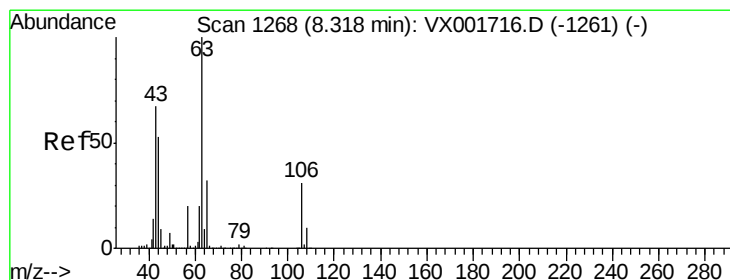
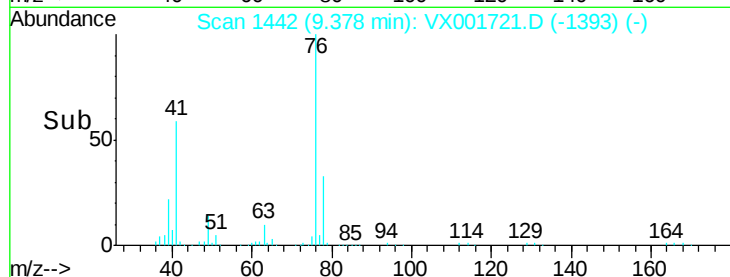
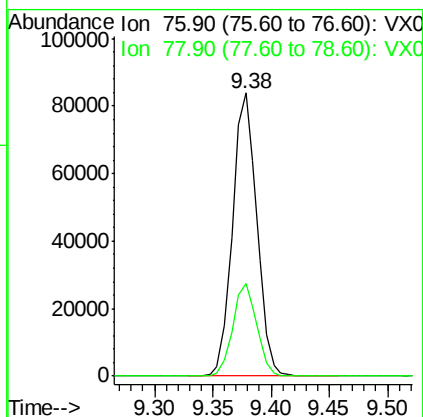
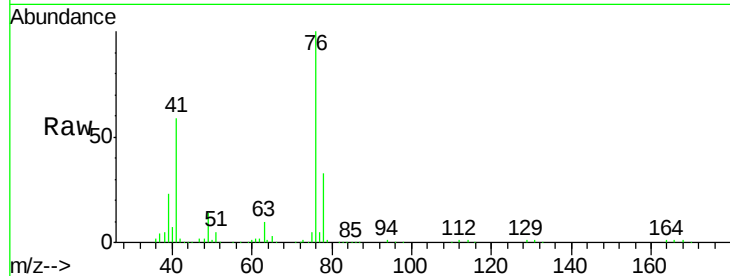




#57
 1,3-Dichloropropane
 Concen: 20.51 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

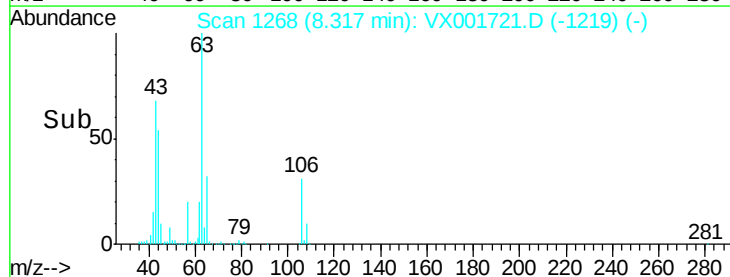
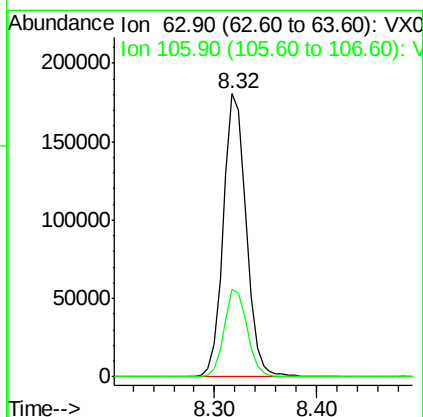
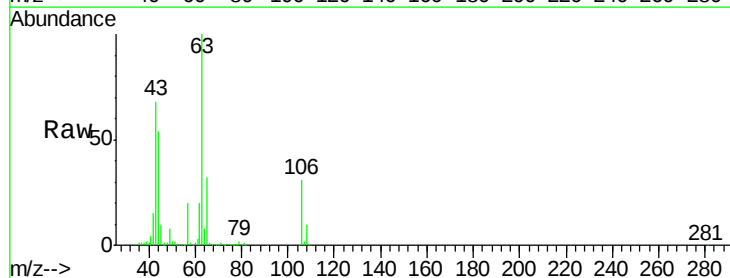
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

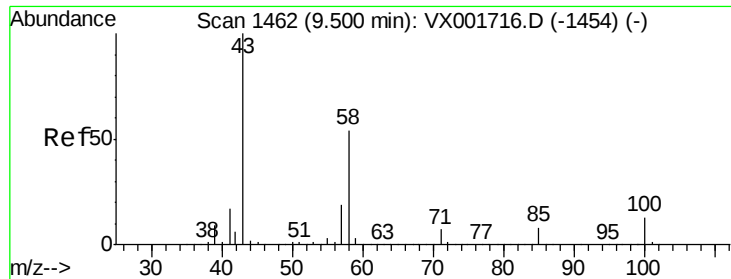
Tgt Ion: 76 Resp: 122248
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.18 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion: 63 Resp: 280900
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.1 37.7

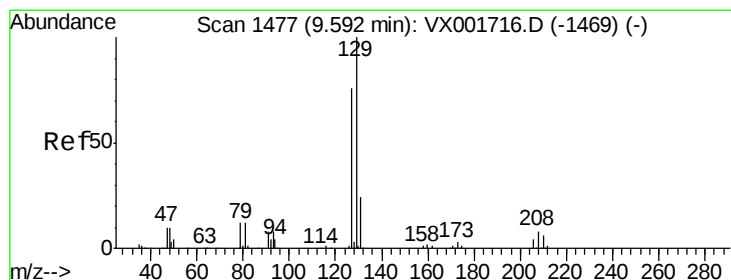
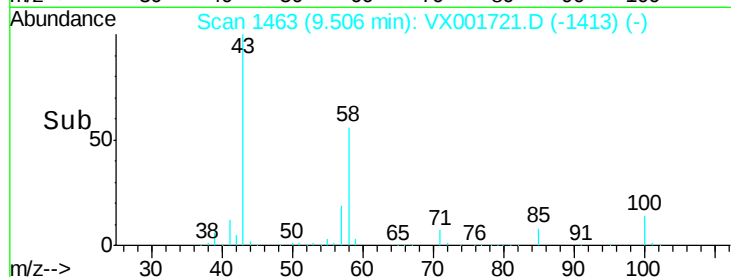
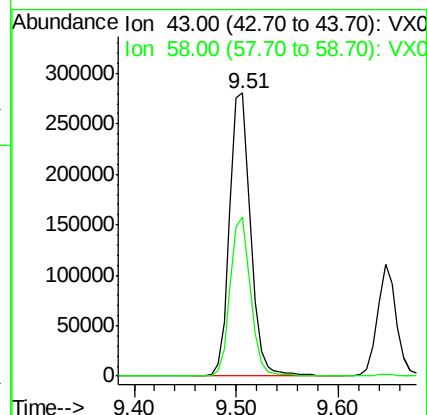
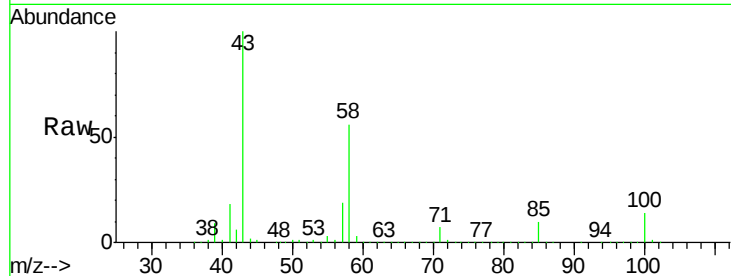




#59
2-Hexanone
Concen: 109.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

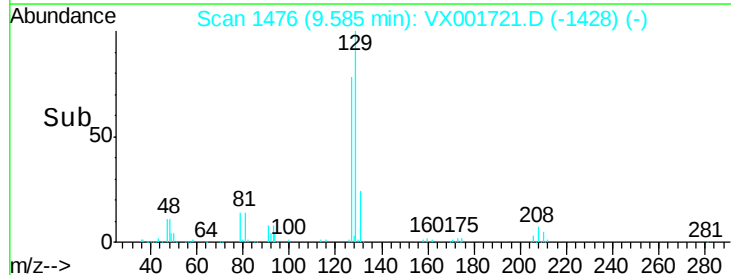
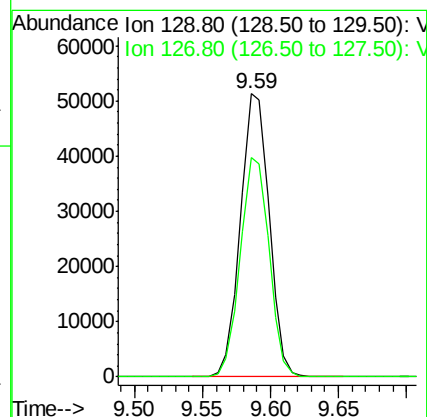
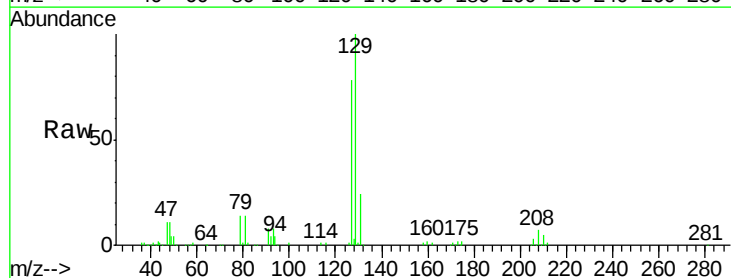
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

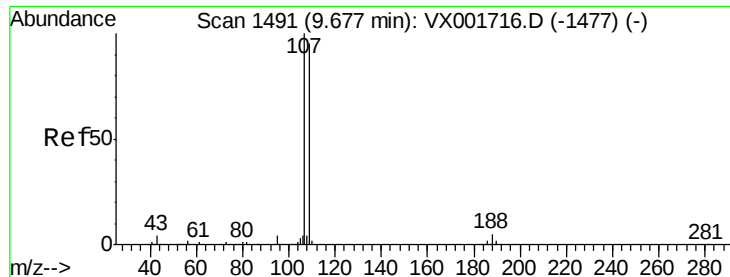
Tgt Ion: 43 Resp: 400070
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1



#60
Dibromochloromethane
Concen: 20.82 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion: 129 Resp: 75899
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

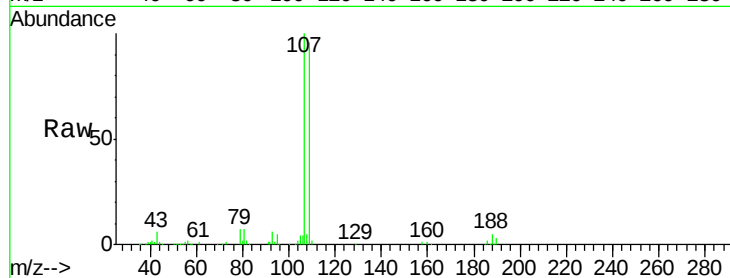
VX0515WBS01

Tgt Ion:107 Resp: 79120

Ion Ratio Lower Upper

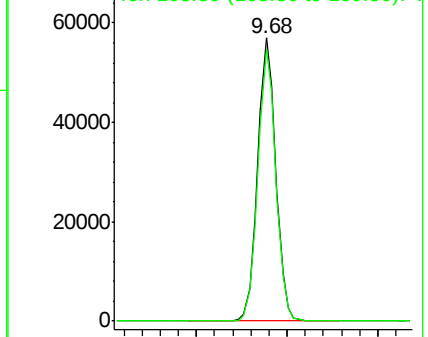
107 100

109 95.1 76.2 114.2

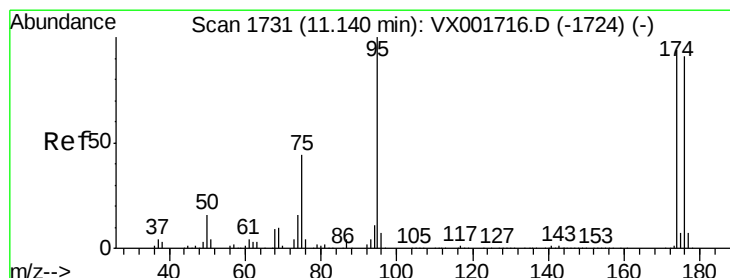
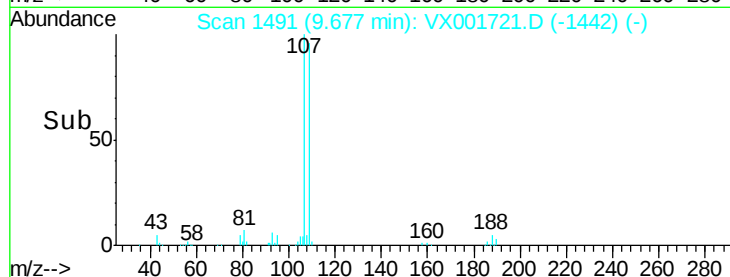


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

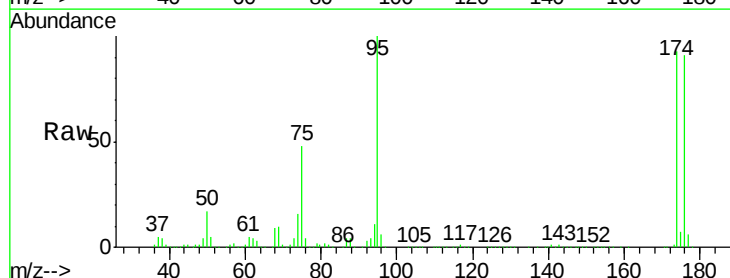
Tgt Ion: 95 Resp: 232337

Ion Ratio Lower Upper

95 100

174 100.8 0.0 201.8

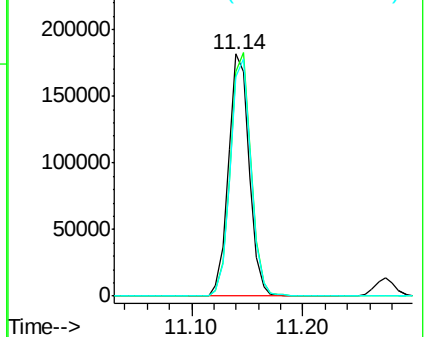
176 98.4 0.0 196.8



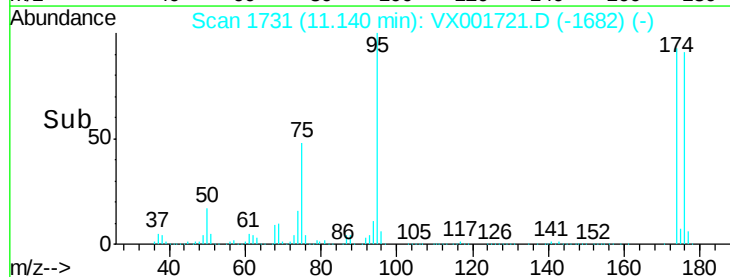
Abundance Ion 94.90 (94.60 to 95.60): VX0

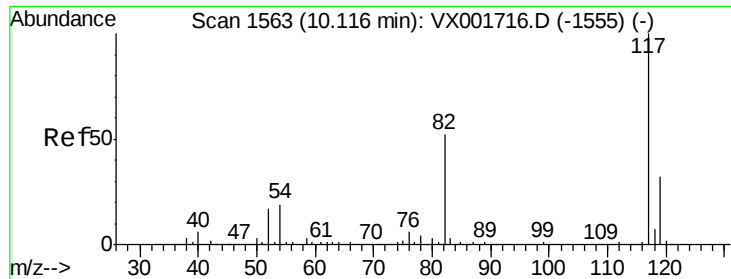
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

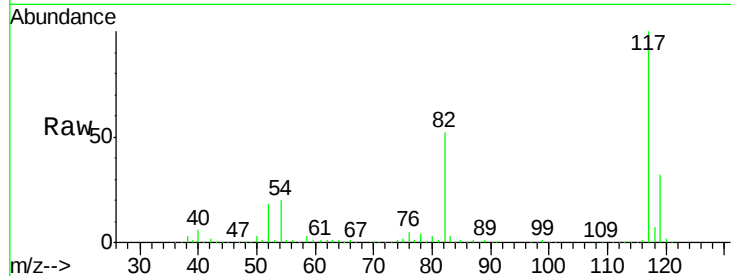




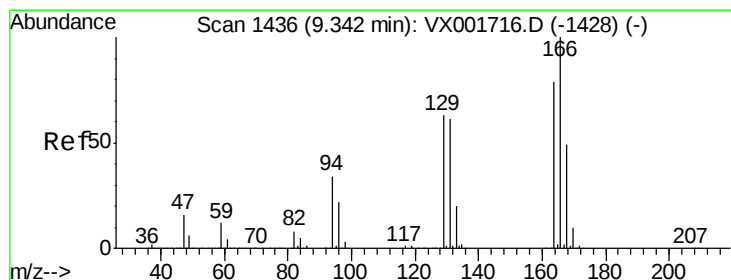
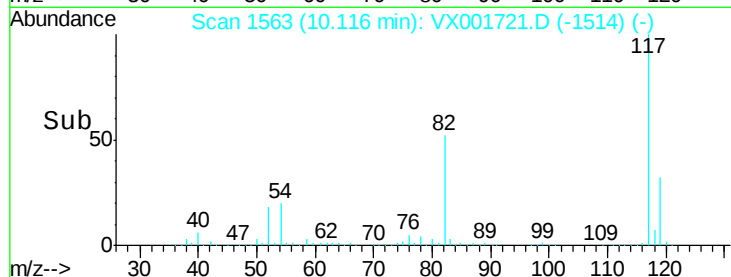
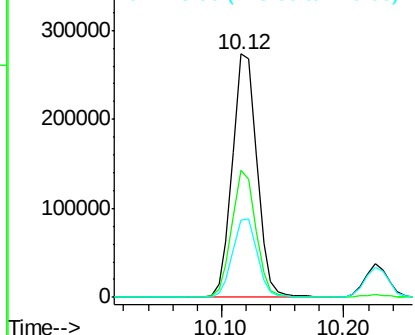
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tgt Ion:117 Resp: 380502
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 31.7 25.6 38.4

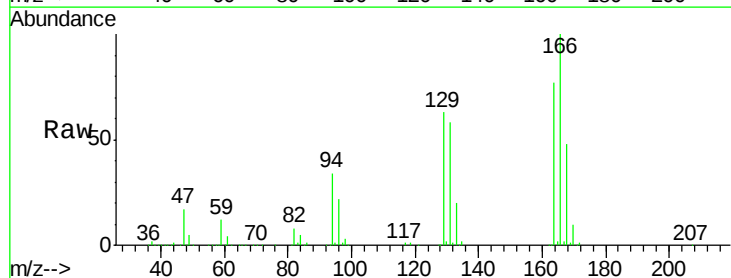


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

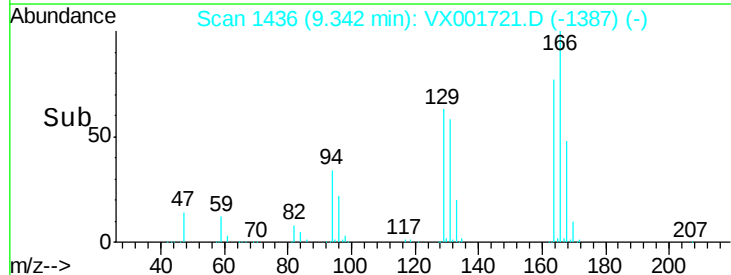
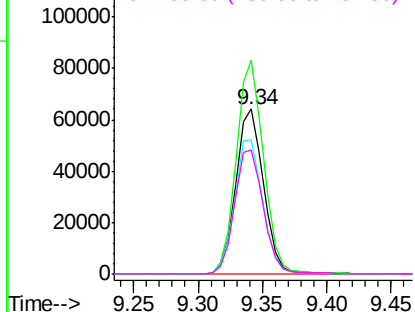


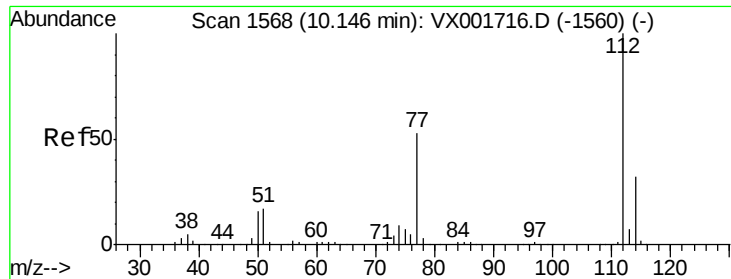
#64
Tetrachloroethene
Concen: 19.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion:164 Resp: 95753
Ion Ratio Lower Upper
164 100
166 129.5 101.8 152.8
129 81.5 63.8 95.6
131 75.3 62.2 93.2



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

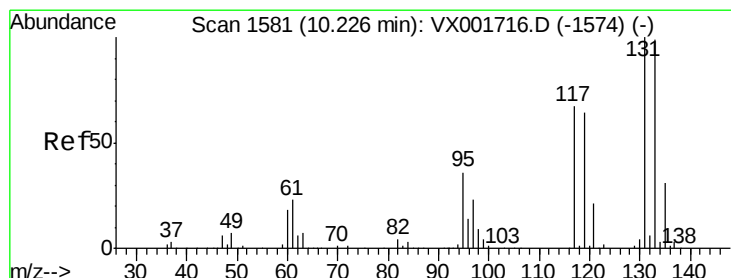
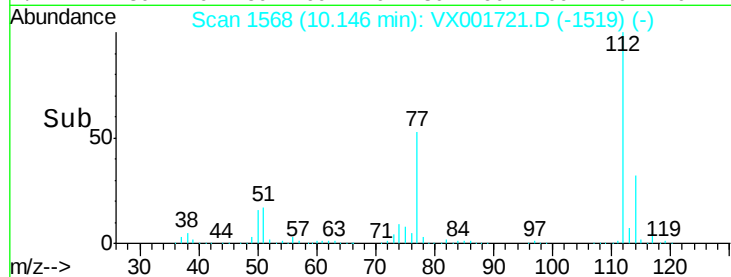
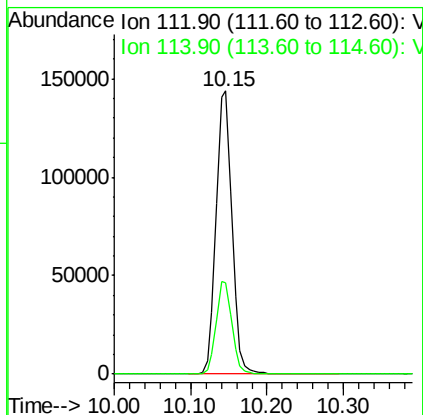
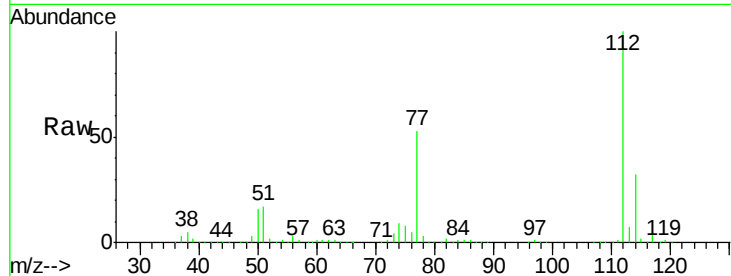




#65
Chlorobenzene
Concen: 19.76 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

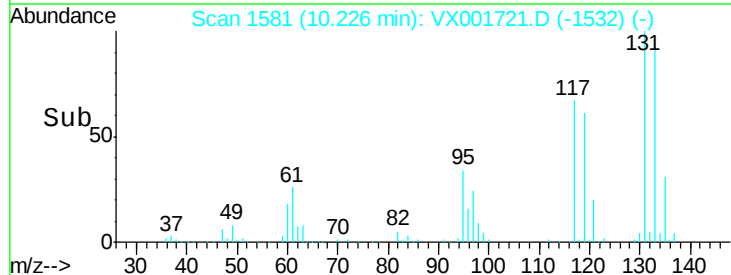
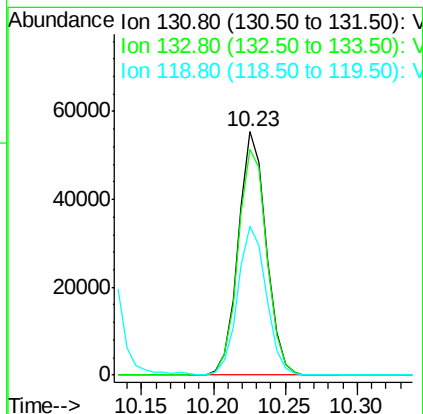
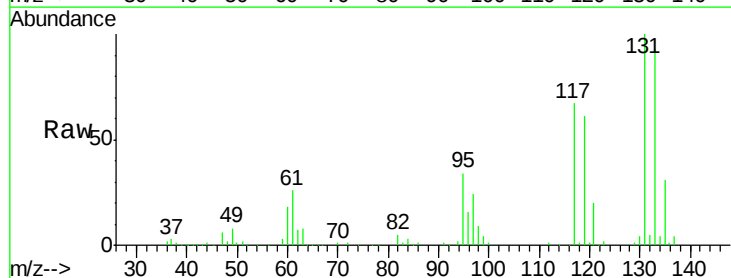
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

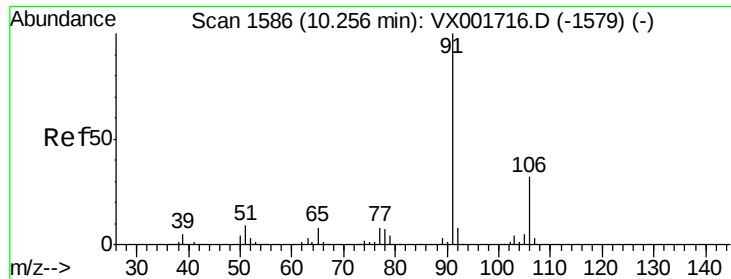
Tgt Ion:112 Resp: 206855
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.12 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion:131 Resp: 74394
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.6
119 62.6 31.9 95.5





#67

Ethyl Benzene

Concen: 19.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

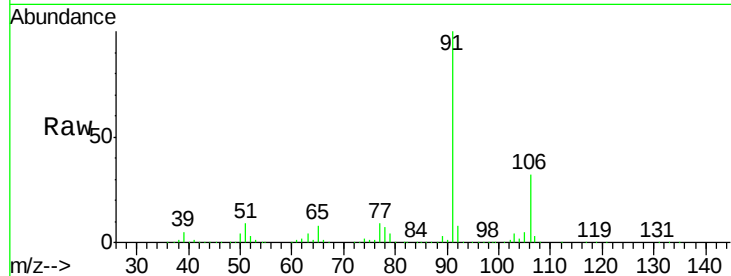
VX0515WBS01

Tgt Ion: 91 Resp: 327545

Ion Ratio Lower Upper

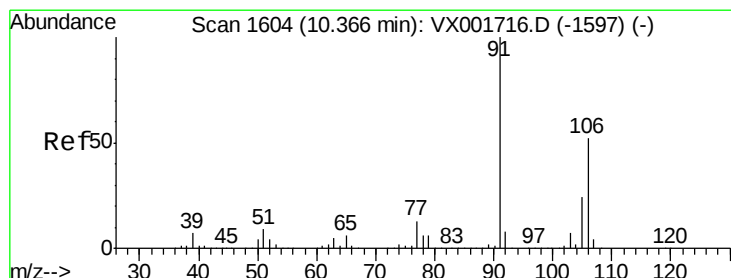
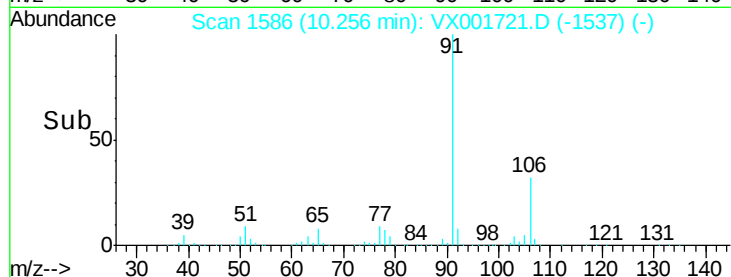
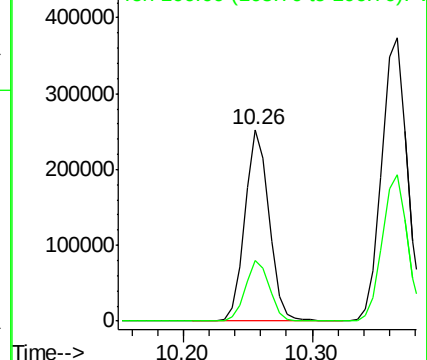
91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.70 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001721.D

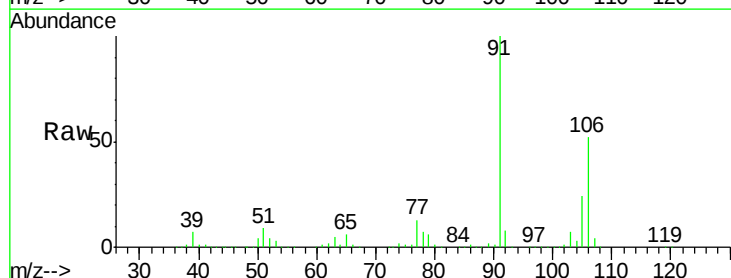
Acq: 14 May 2018 20:56

Tgt Ion: 106 Resp: 262005

Ion Ratio Lower Upper

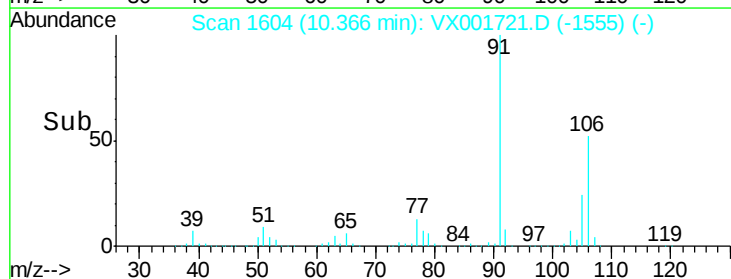
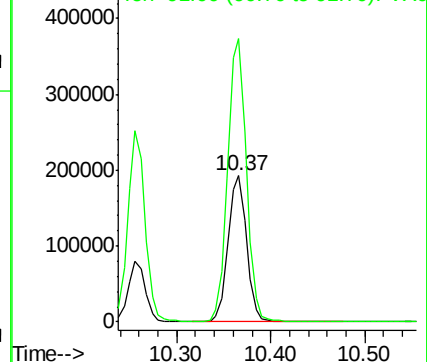
106 100

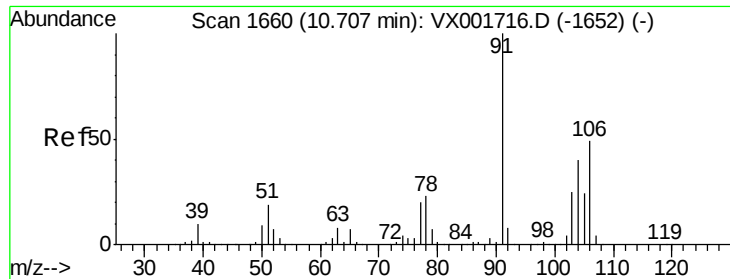
91 195.3 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

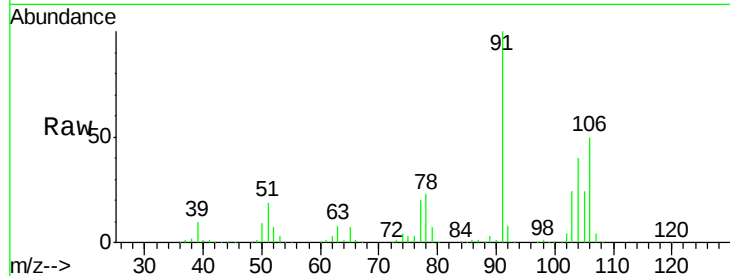




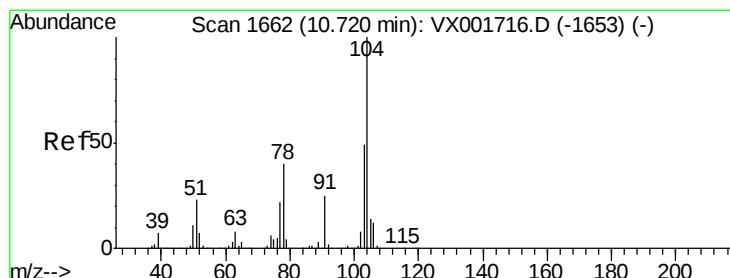
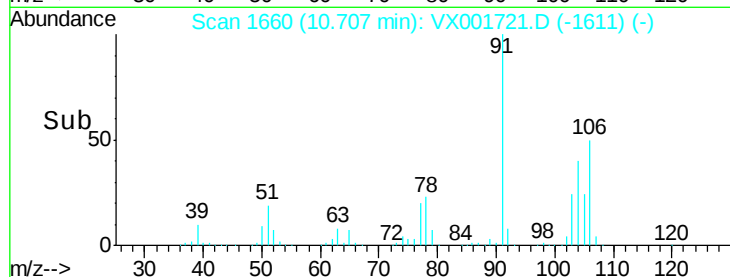
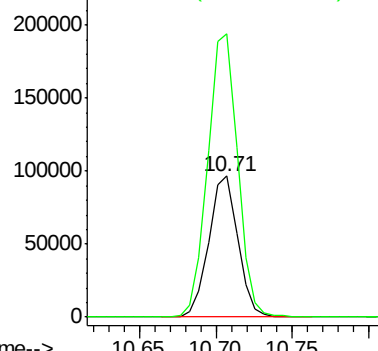
#69
o-Xylene
Concen: 20.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tgt Ion:106 Resp: 127570
Ion Ratio Lower Upper
106 100
91 207.5 103.4 310.2

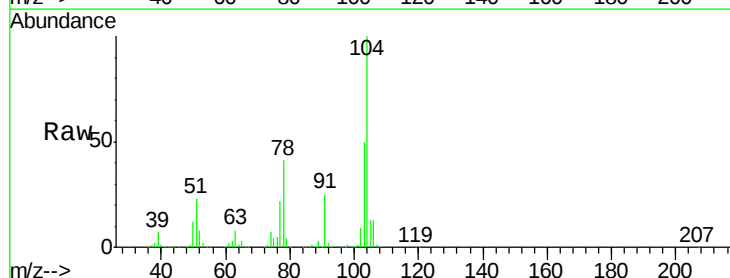


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

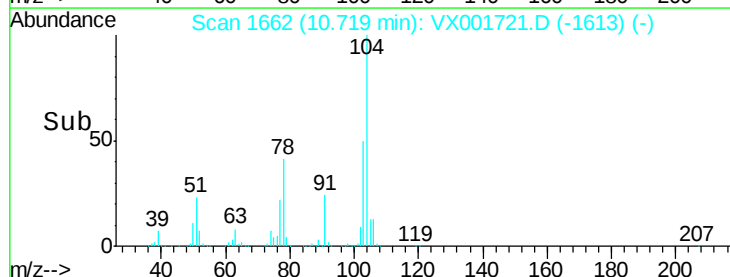
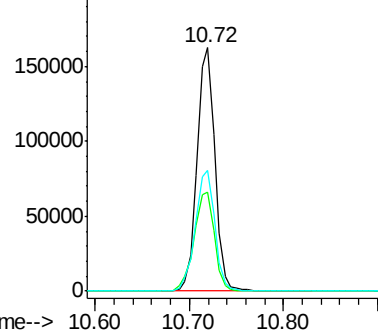


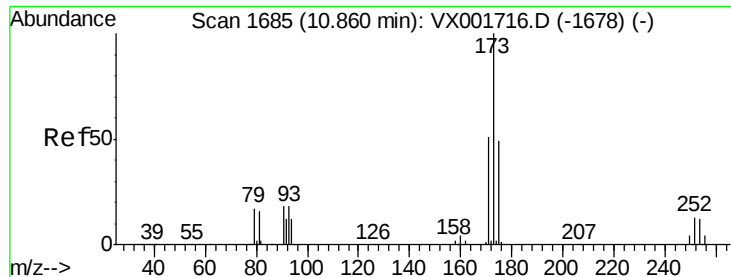
#70
Styrene
Concen: 20.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion:104 Resp: 213699
Ion Ratio Lower Upper
104 100
78 46.6 37.3 55.9
103 54.4 43.7 65.5



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





#71

Bromoform

Concen: 19.66 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

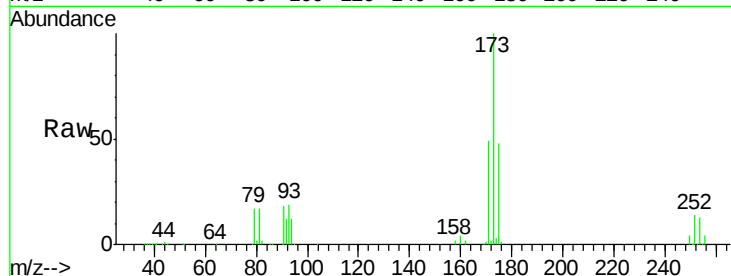
Tgt Ion:173 Resp: 61129

Ion Ratio Lower Upper

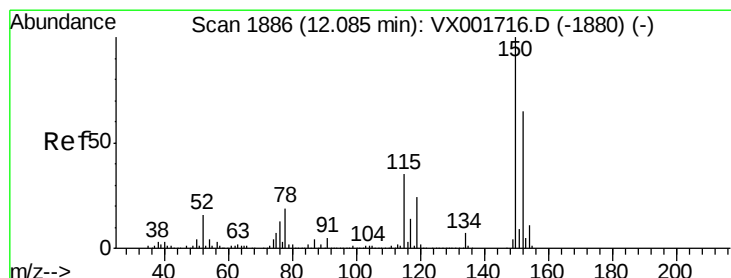
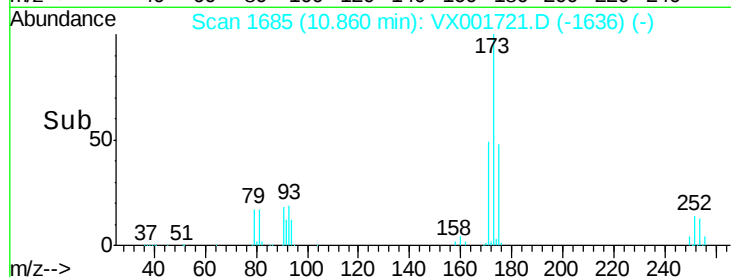
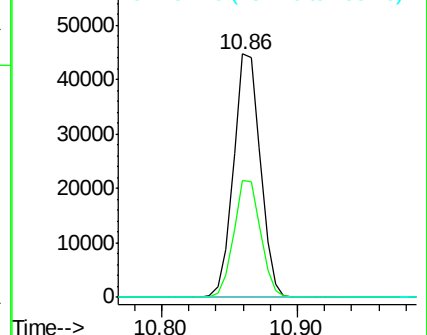
173 100

175 48.1 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

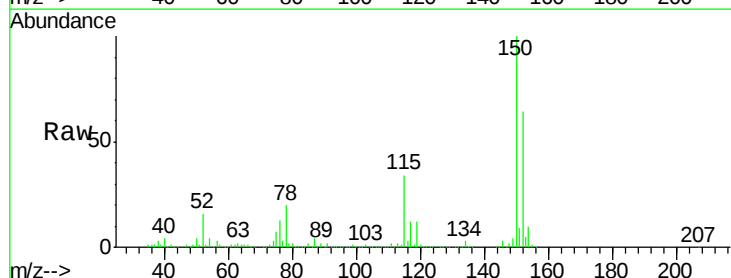
Tgt Ion:152 Resp: 247630

Ion Ratio Lower Upper

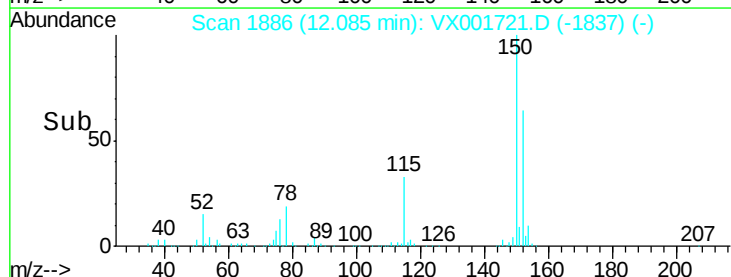
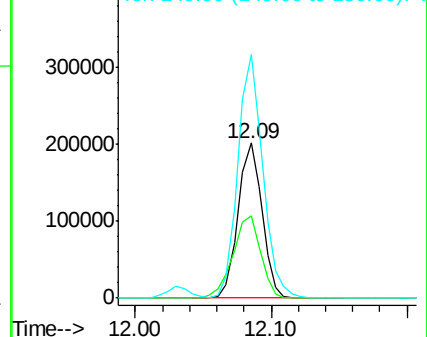
152 100

115 61.2 37.4 112.2

150 163.7 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

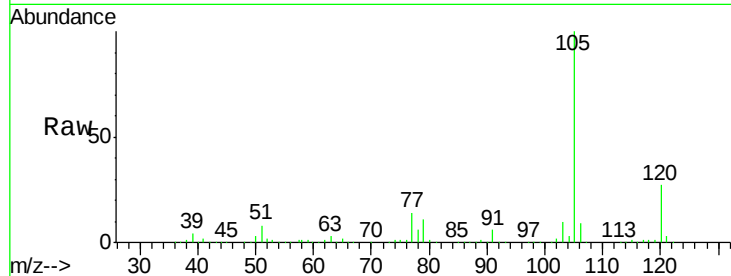
VX0515WBS01

Tgt Ion: 105 Resp: 335614

Ion Ratio Lower Upper

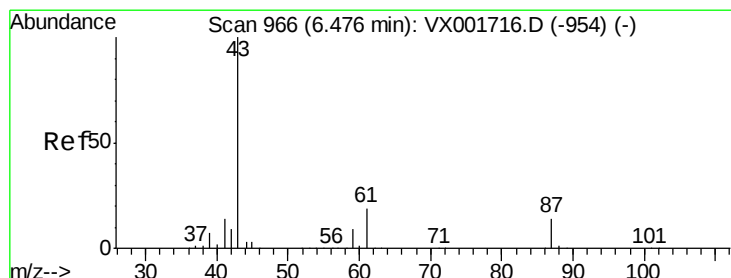
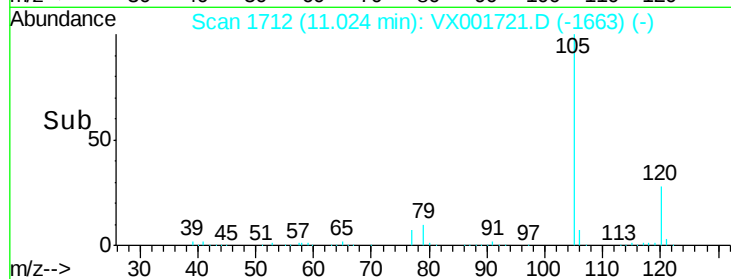
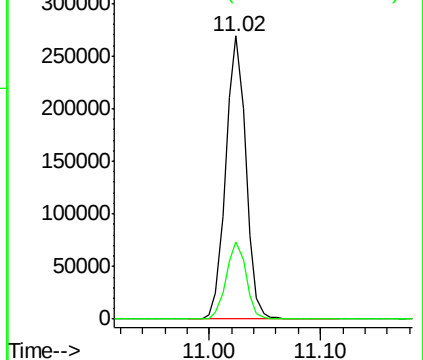
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Tgt Ion: 43 Resp: 166541

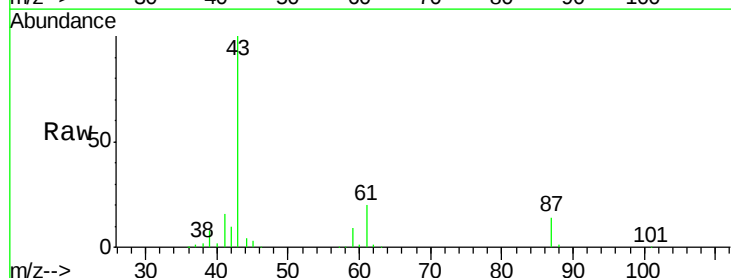
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.7 15.8 23.8

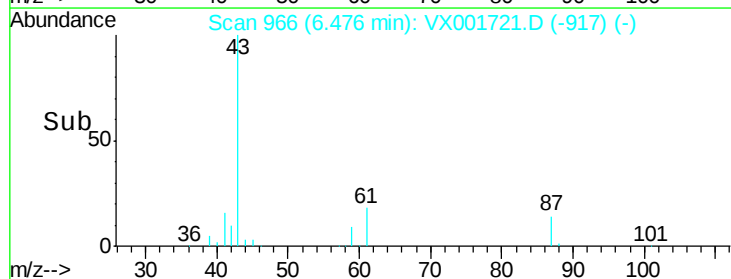
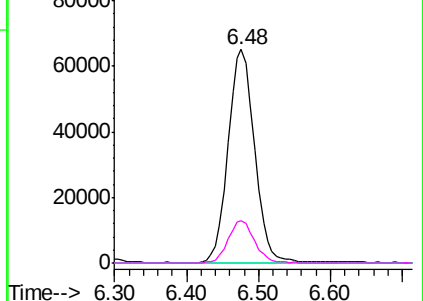


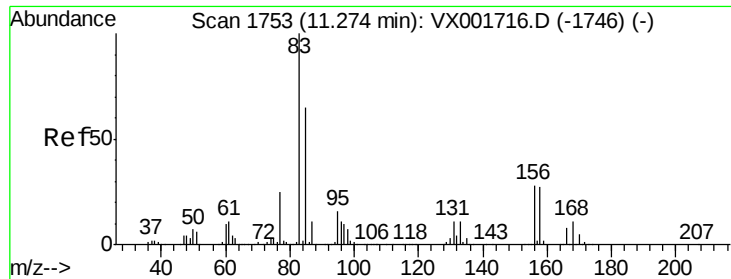
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.32 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS01

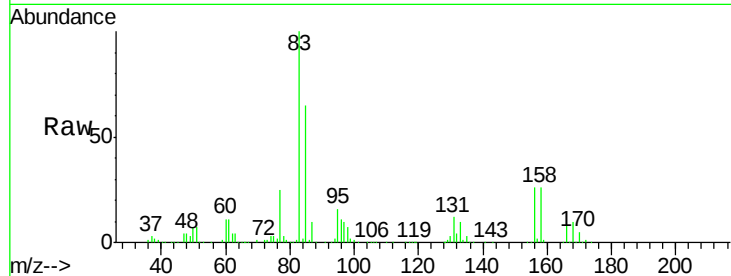
Tgt Ion: 83 Resp: 104283

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

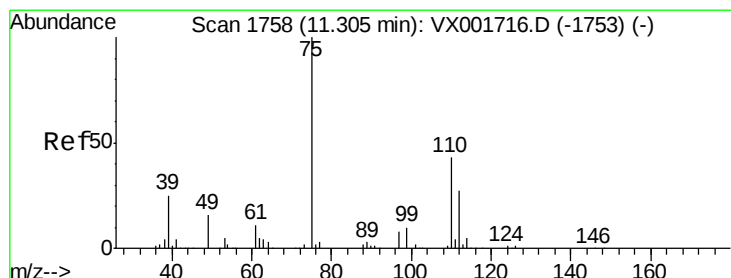
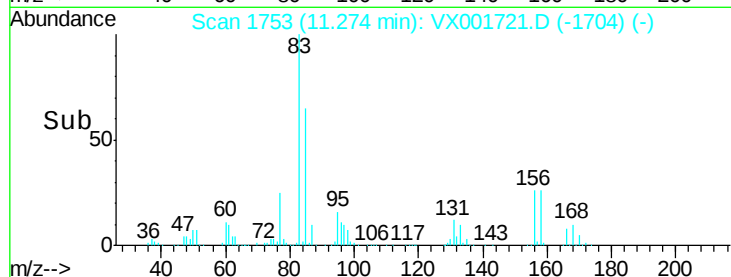
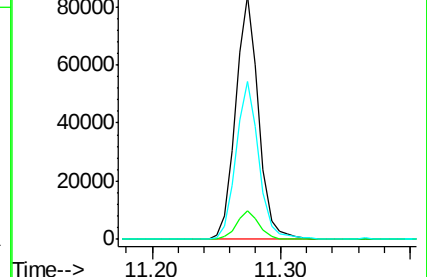
85 64.7 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.81 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001721.D

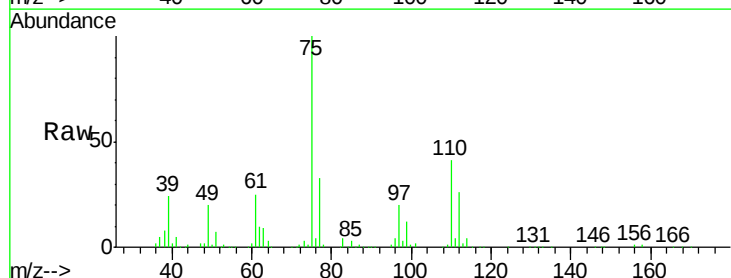
Acq: 14 May 2018 20:56

Tgt Ion: 75 Resp: 121521

Ion Ratio Lower Upper

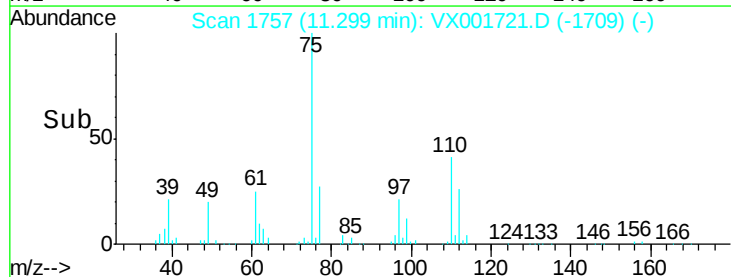
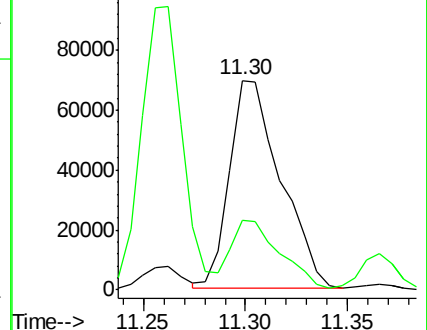
75 100

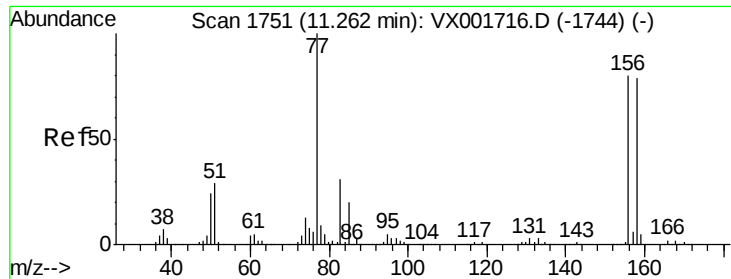
77 31.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.92 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

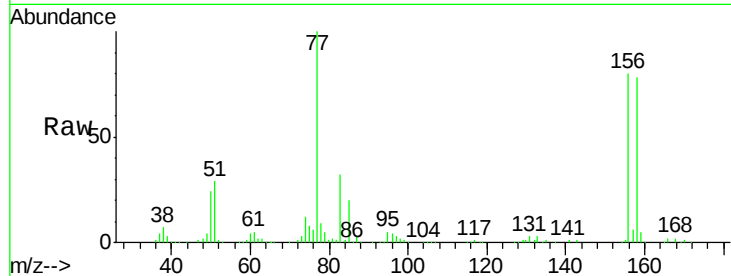
Tgt Ion:156 Resp: 100226

Ion Ratio Lower Upper

156 100

77 131.6 65.3 196.0

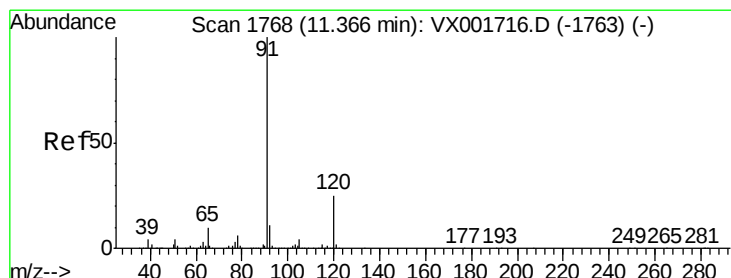
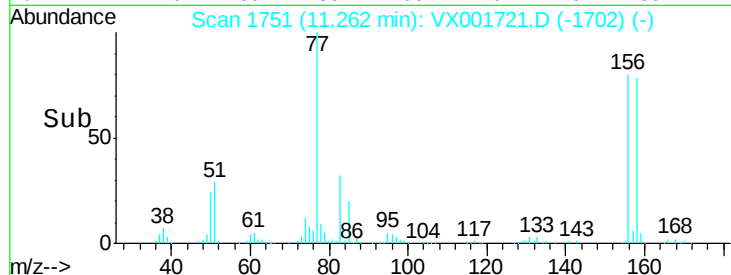
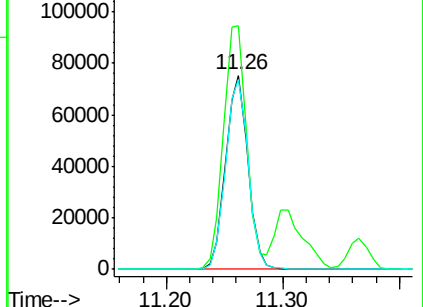
158 99.1 49.1 147.3



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: 20.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001721.D

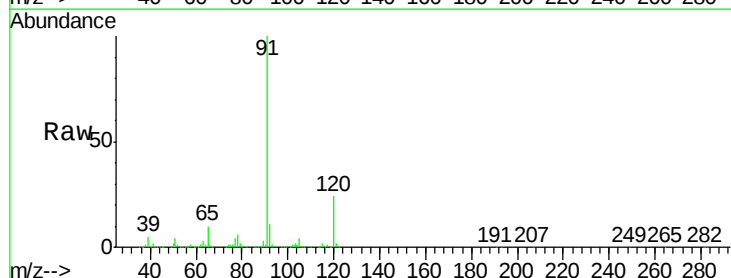
Acq: 14 May 2018 20:56

Tgt Ion: 91 Resp: 369772

Ion Ratio Lower Upper

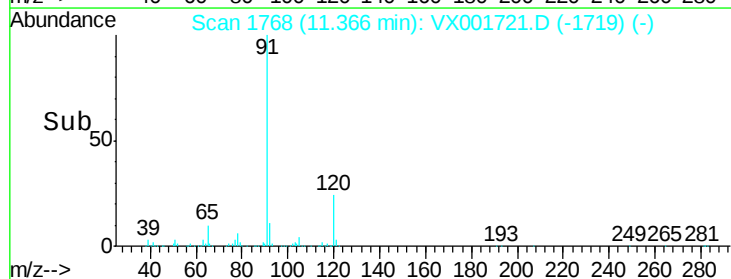
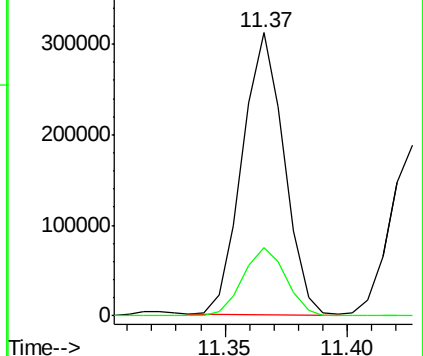
91 100

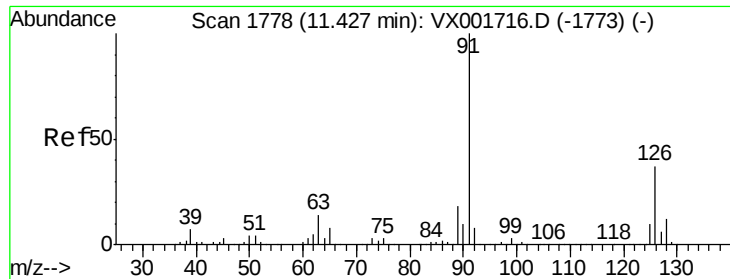
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.47 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

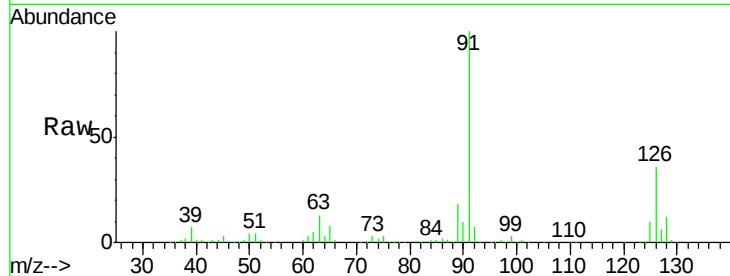
VX0515WBS01

Tgt Ion: 91 Resp: 224880

Ion Ratio Lower Upper

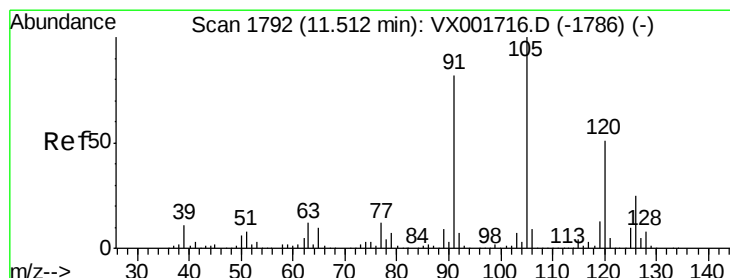
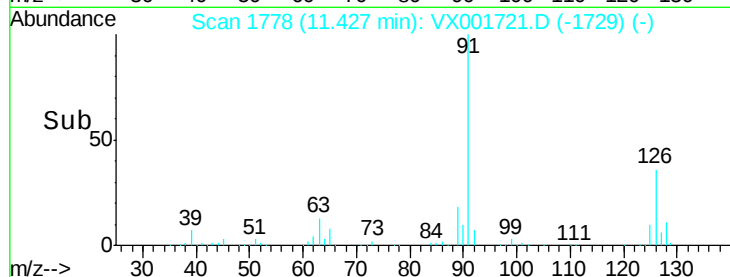
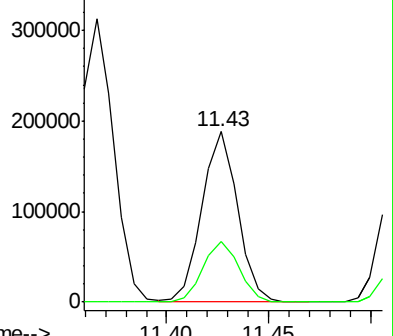
91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001721.D

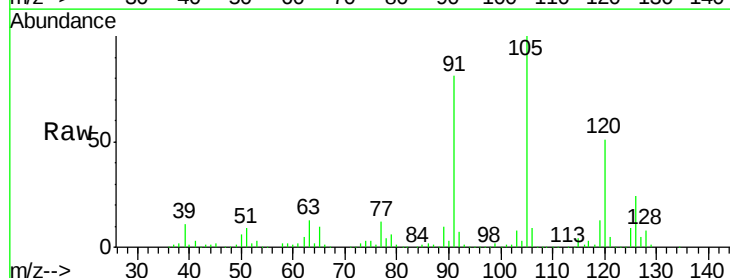
Acq: 14 May 2018 20:56

Tgt Ion: 105 Resp: 277635

Ion Ratio Lower Upper

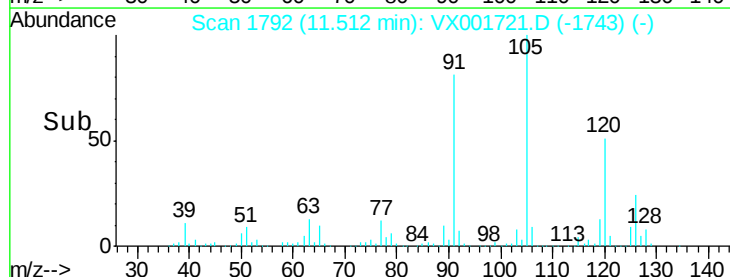
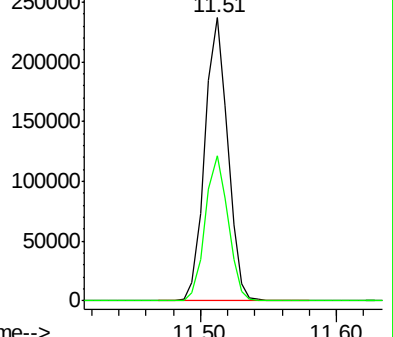
105 100

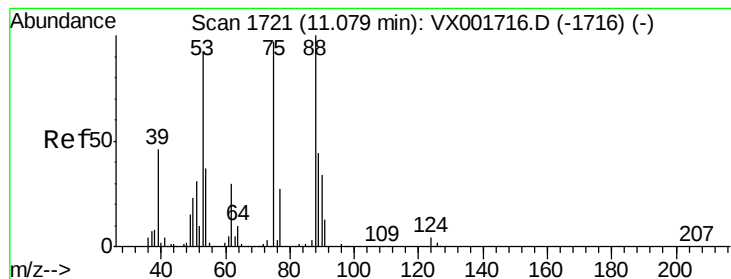
120 51.6 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

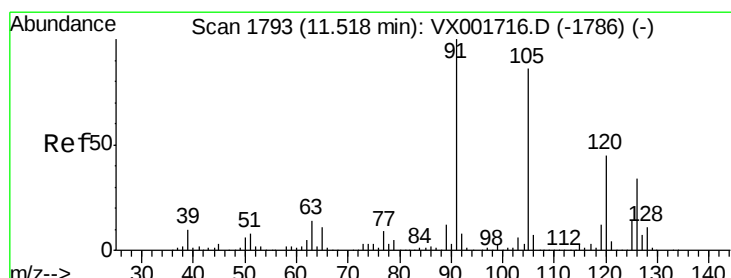
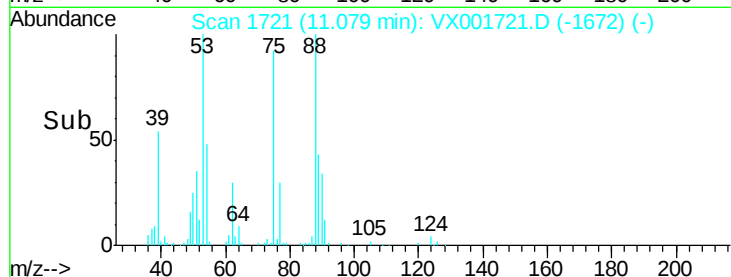
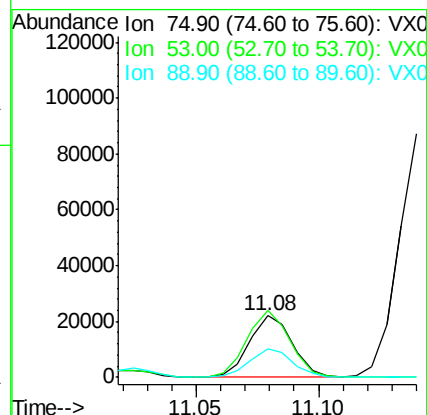
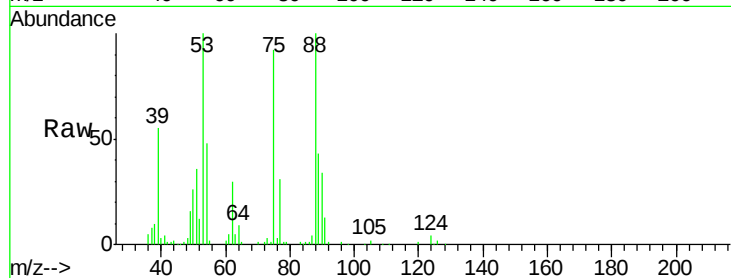
Tgt Ion: 75 Resp: 26591

Ion Ratio Lower Upper

75 100

53 108.5 79.4 119.2

89 46.9 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.54 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001721.D

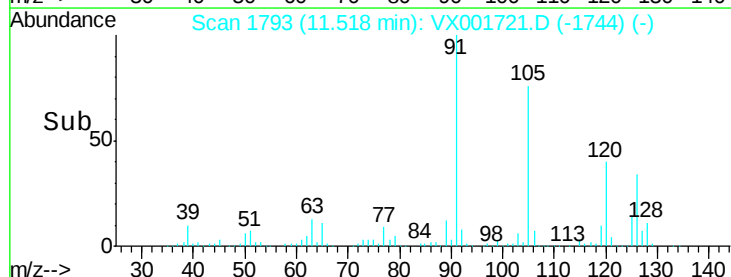
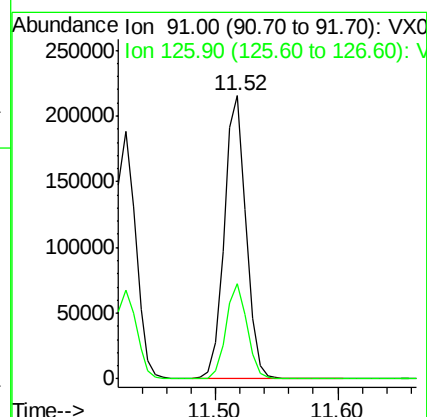
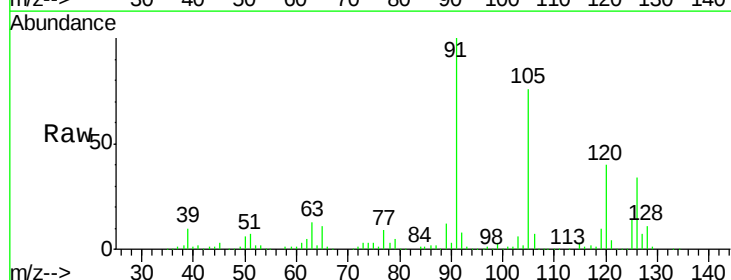
Acq: 14 May 2018 20:56

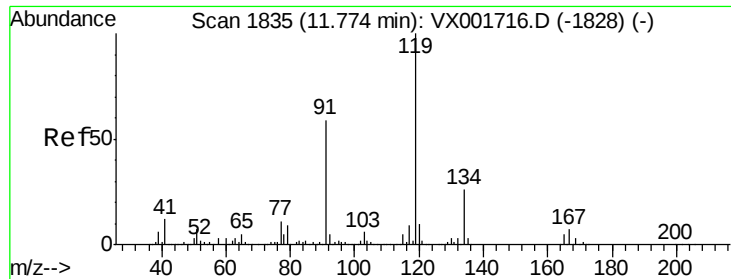
Tgt Ion: 91 Resp: 265881

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1

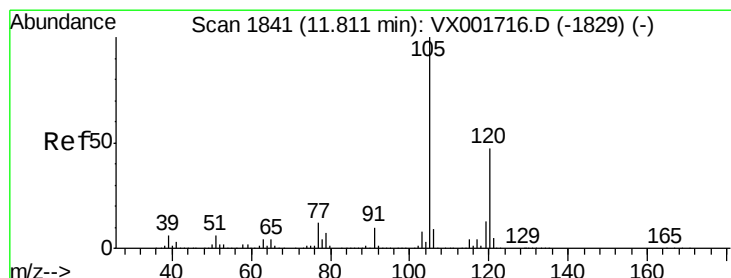
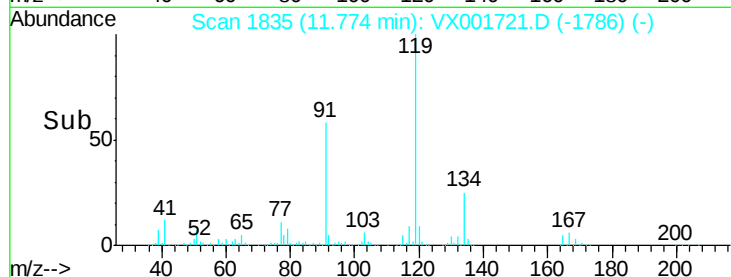
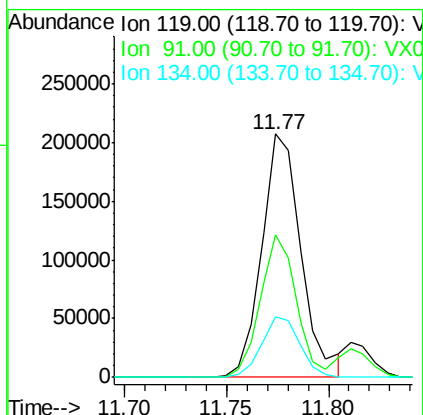
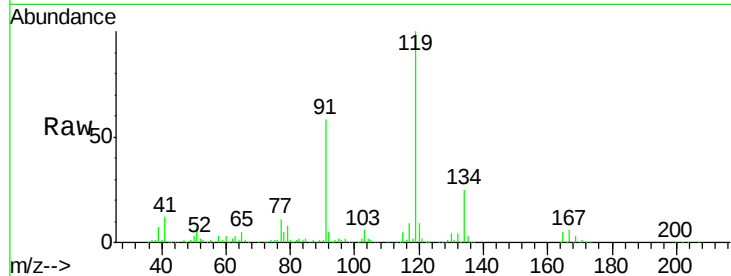




#83
 tert-Butylbenzene
 Concen: 20.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

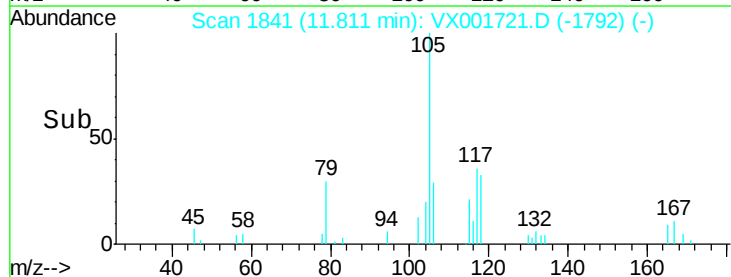
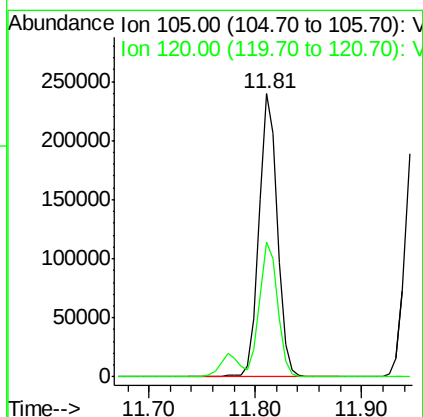
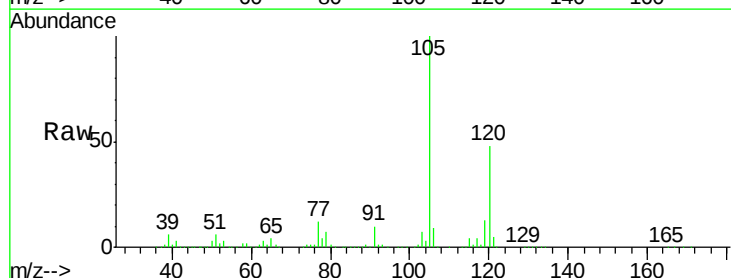
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

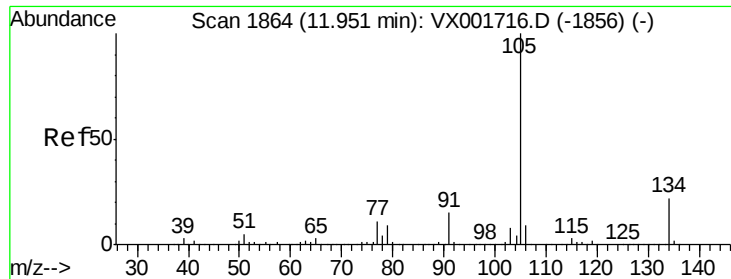
Tgt Ion:119 Resp: 278700
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.7 83.0
 134 24.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion:105 Resp: 289945
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.5

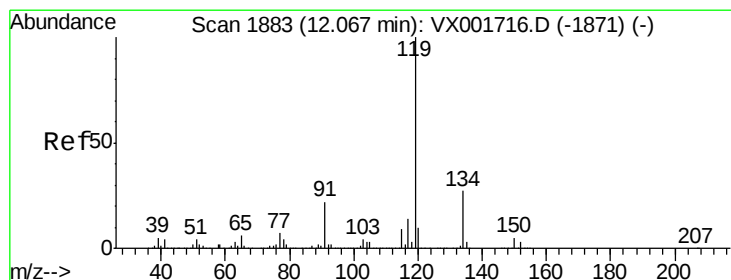
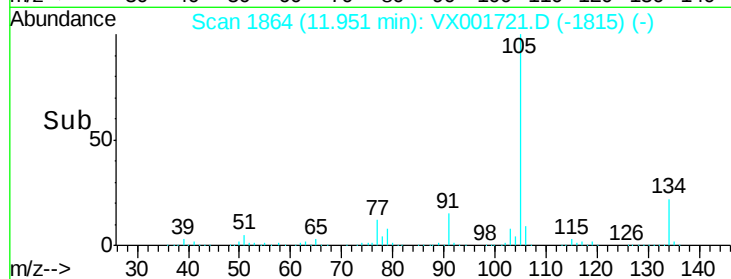
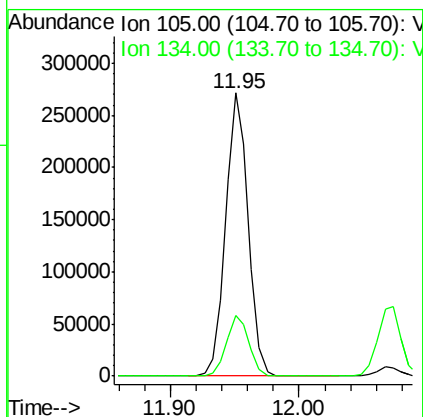
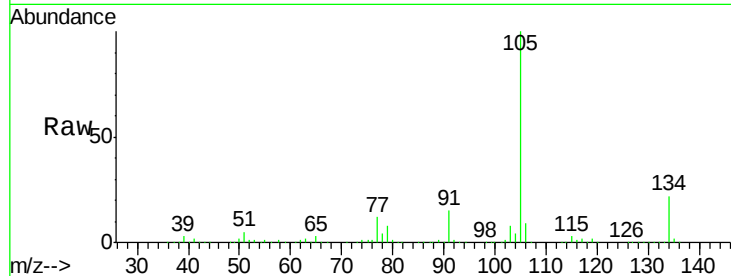




#85
 sec-Butylbenzene
 Concen: 20.26 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

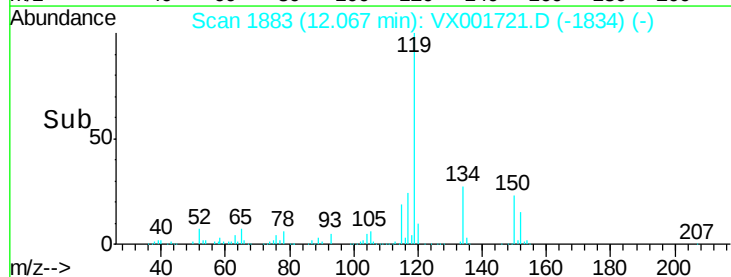
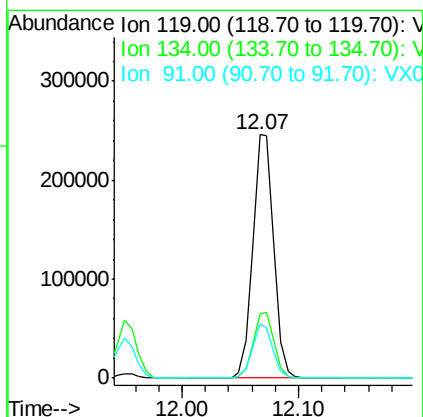
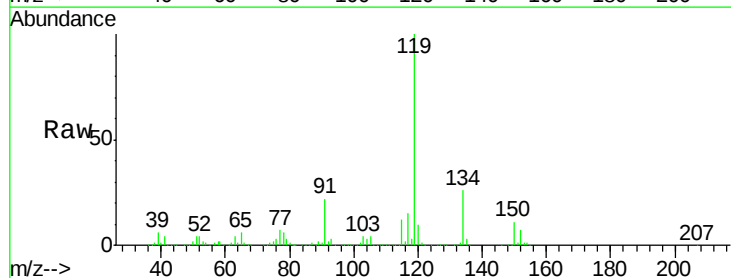
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tgt Ion:105 Resp: 332920
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 20.18 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion:119 Resp: 306823
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 21.7 10.7 32.1

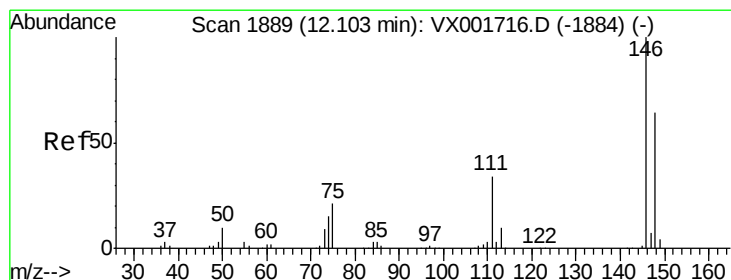
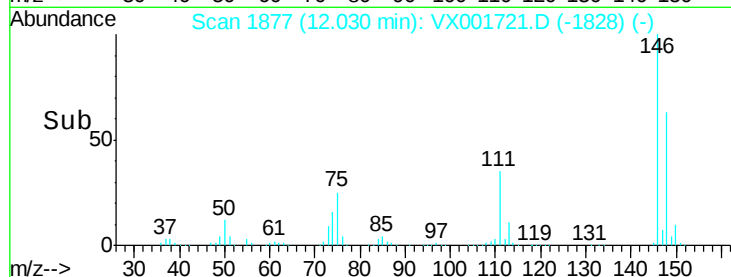
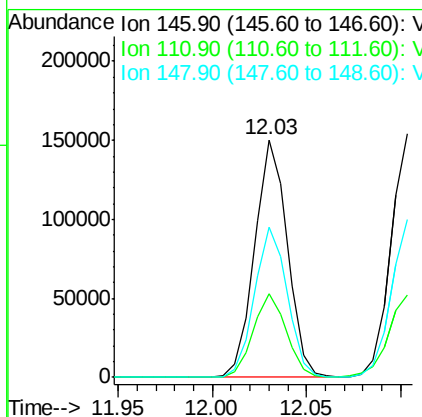
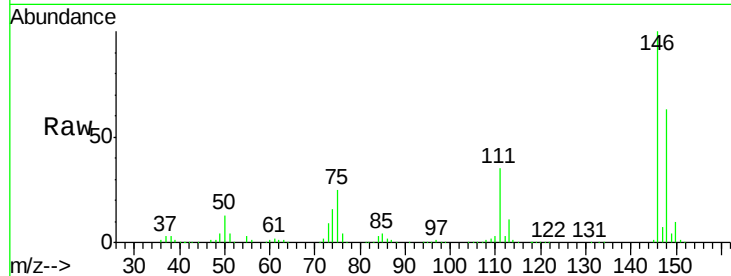




#87
 1,3-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001721.D
 Acq: 14 May 2018 20:56

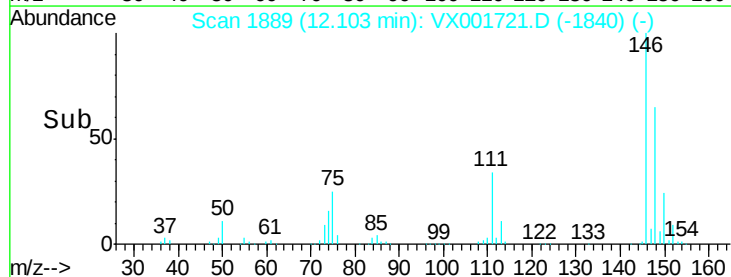
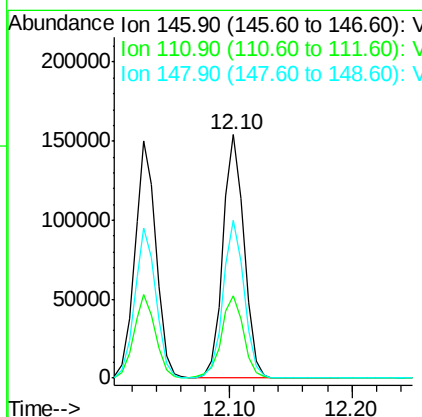
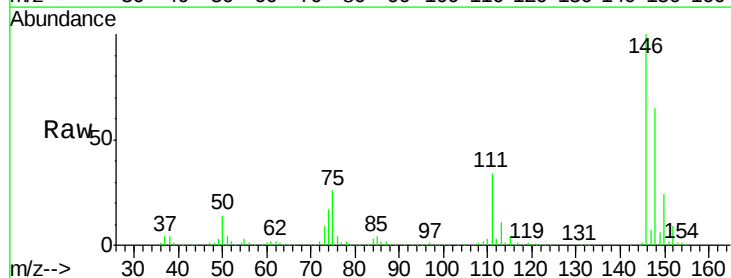
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tgt Ion:146 Resp: 181401
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.8 53.4
 148 63.5 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: VX001721.D
 Acq: 14 May 2018 20:56

Tgt Ion:146 Resp: 184101
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.3 52.0
 148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 19.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS01

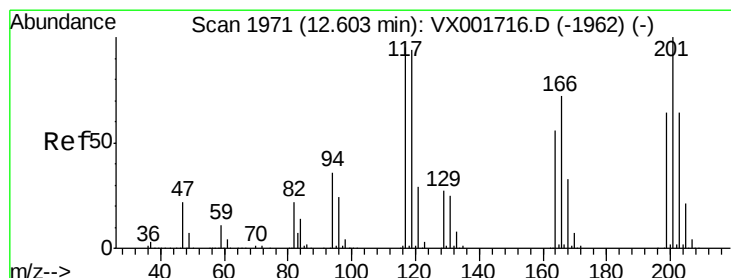
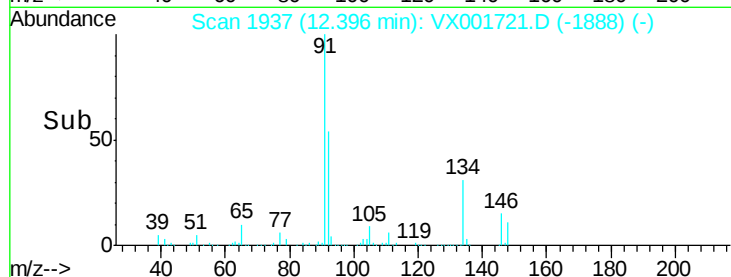
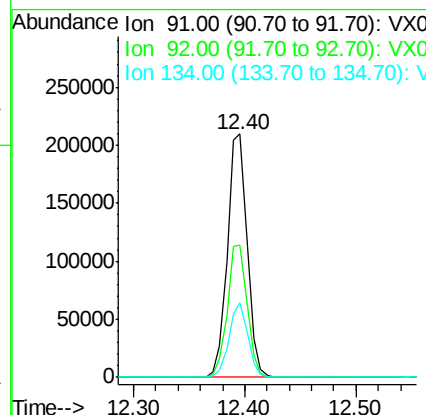
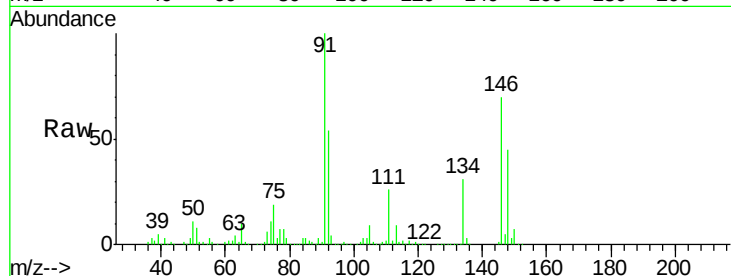
Tgt Ion: 91 Resp: 256961

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

134 29.3 14.7 44.1



#90

Hexachloroethane

Concen: 19.26 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001721.D

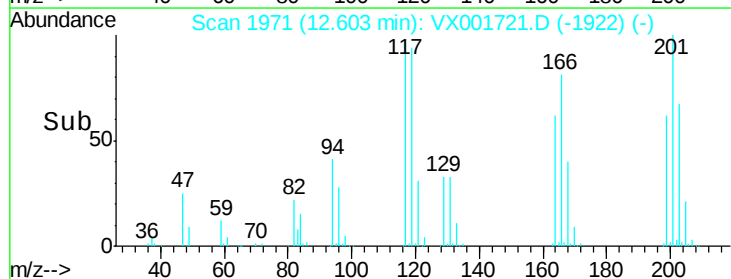
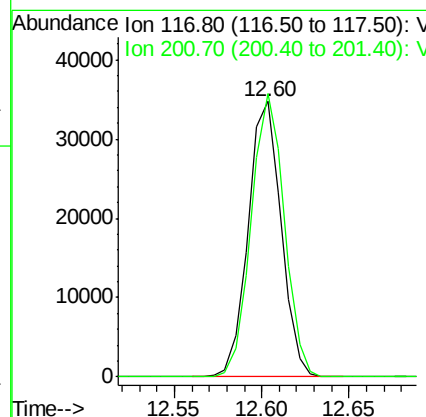
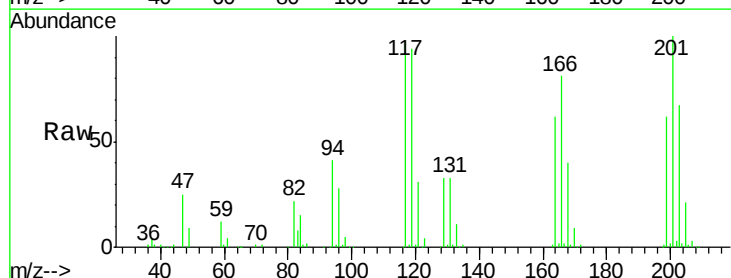
Acq: 14 May 2018 20:56

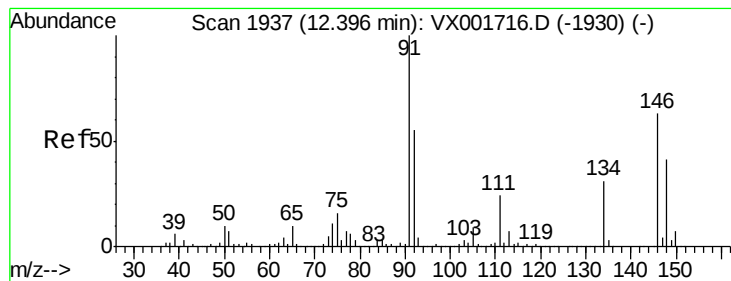
Tgt Ion: 117 Resp: 45491

Ion Ratio Lower Upper

117 100

201 103.1 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 20.36 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

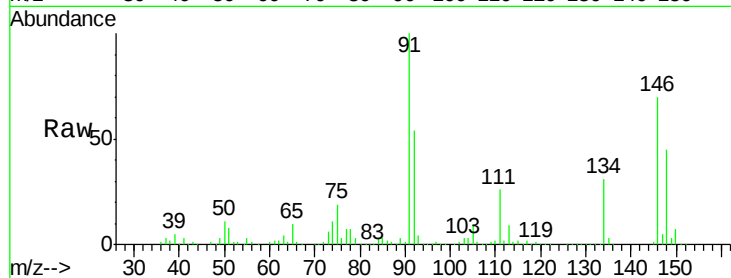
Tgt Ion:146 Resp: 179765

Ion Ratio Lower Upper

146 100

111 37.5 18.6 56.0

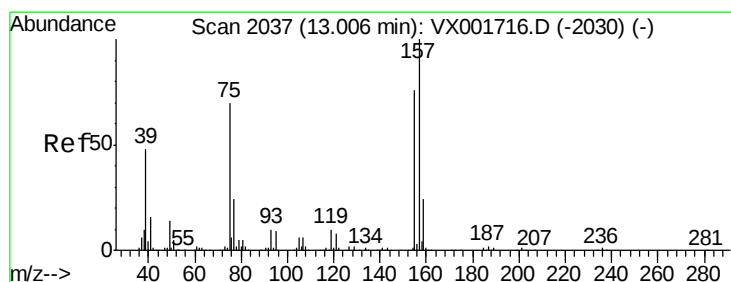
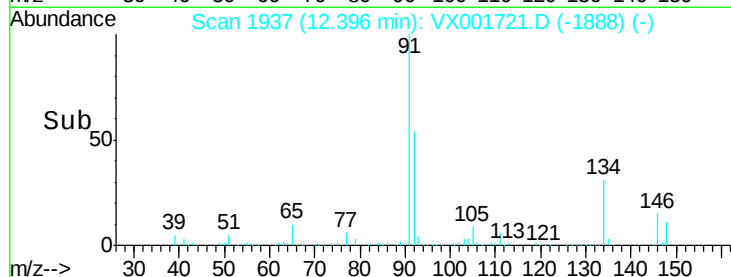
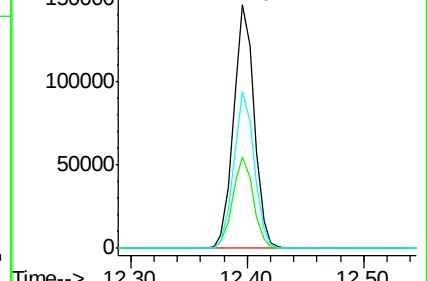
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.78 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

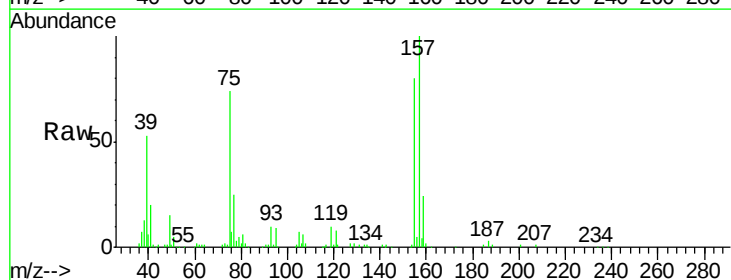
Tgt Ion: 75 Resp: 22742

Ion Ratio Lower Upper

75 100

155 109.1 53.9 161.8

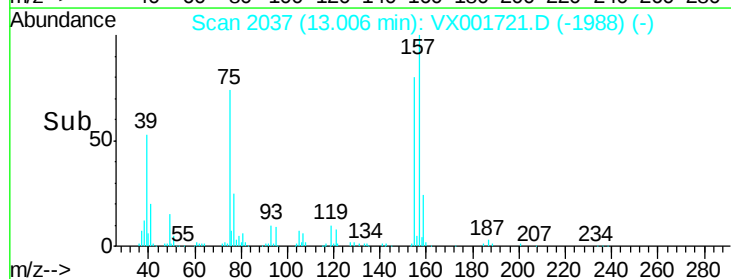
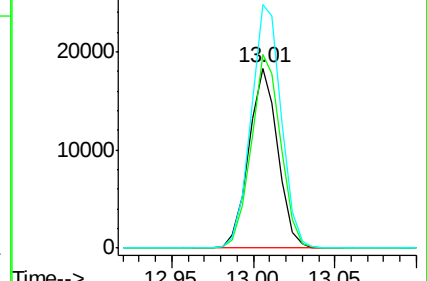
157 140.4 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.93 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

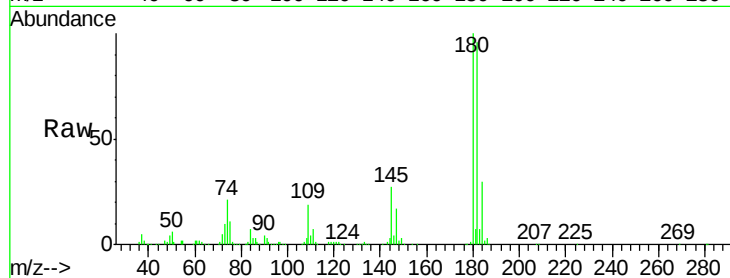
Tgt Ion:180 Resp: 140244

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

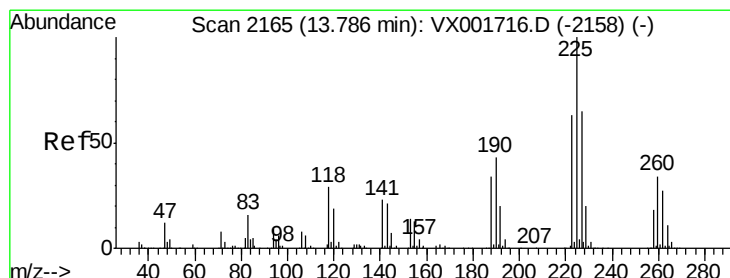
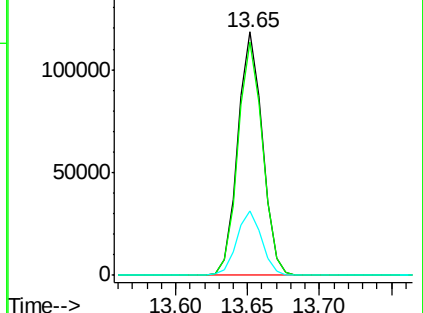
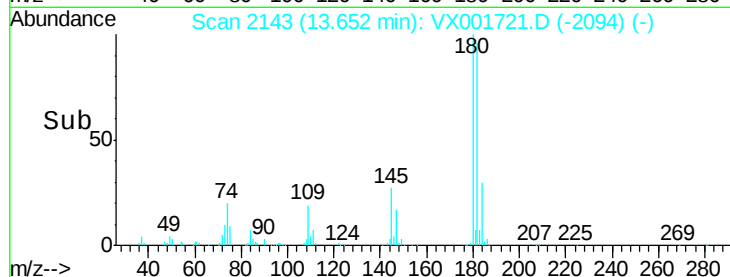
145 26.9 13.4 40.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.12 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001721.D

Acq: 14 May 2018 20:56

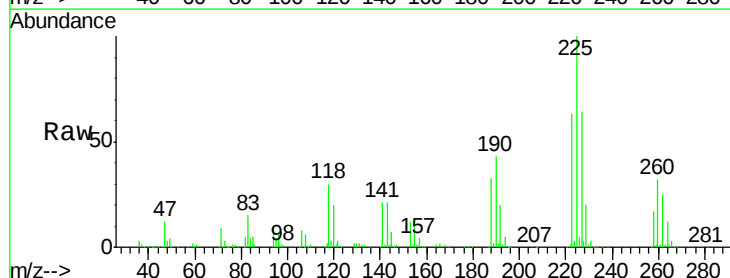
Tgt Ion:225 Resp: 72247

Ion Ratio Lower Upper

225 100

223 61.8 31.1 93.5

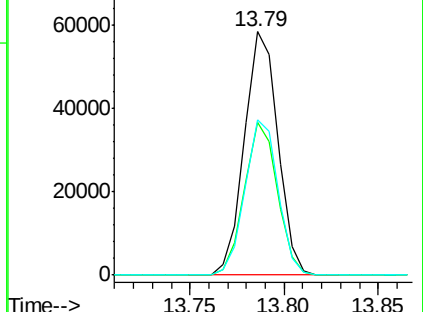
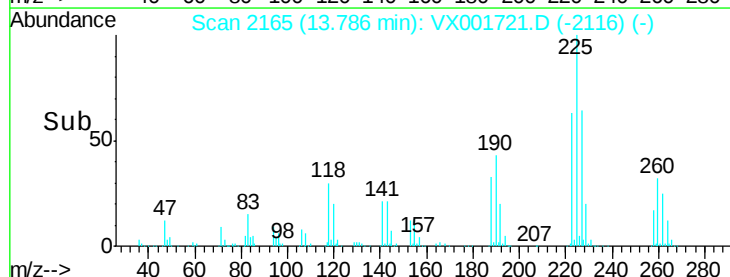
227 62.9 31.9 95.5

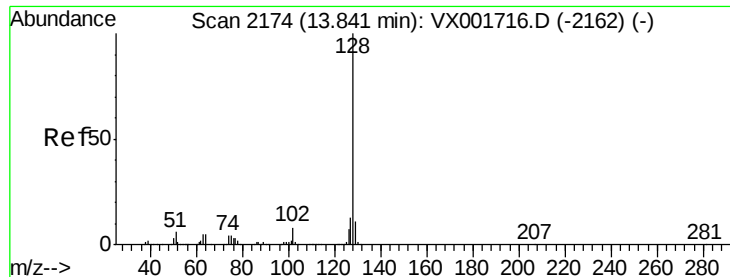


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

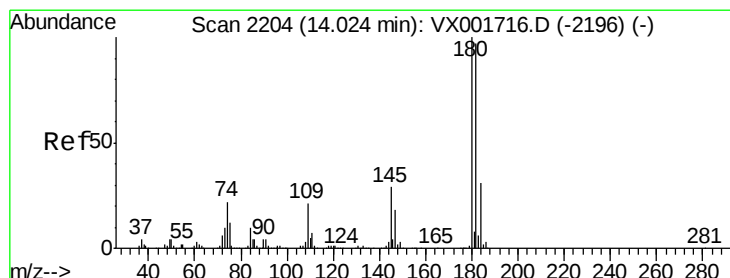
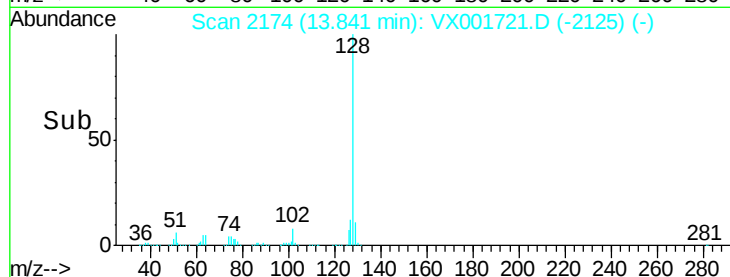
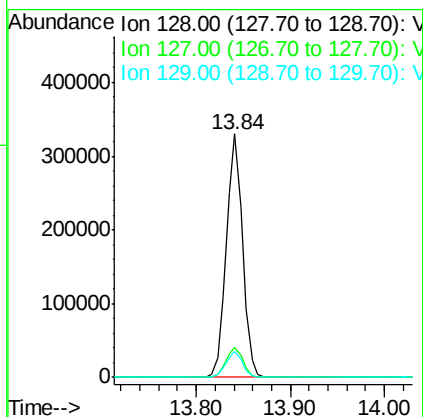
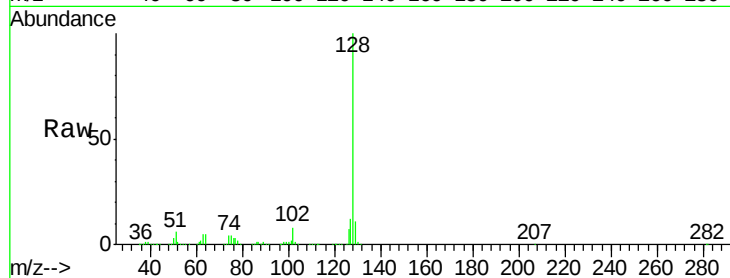




#95
Naphthalene
Concen: 21.49 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tgt Ion:128 Resp: 393112
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.21 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001721.D
Acq: 14 May 2018 20:56

Tgt Ion:180 Resp: 143204
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 27.7 14.2 42.8

