

Data File : VX001377.D

Acq On : 03 May 2018 23:21

Operator : JC/MD

Sample : VX0503WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Quant Time: May 04 07:19:04 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	181933	41.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.30%	
35) Dibromofluoromethane	5.51	113	156597	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
50) Toluene-d8	8.72	98	591608	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	11.15	95	210238	39.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35103	10.06	ug/l	99
3) Chloromethane	1.32	50	33221	9.69	ug/l	99
4) Vinyl Chloride	1.40	62	37101	10.28	ug/l	99
5) Bromomethane	1.64	94	26916	8.69	ug/l	97
6) Chloroethane	1.72	64	24809	10.88	ug/l	98
7) Trichlorofluoromethane	1.93	101	66208	10.87	ug/l	98
8) Diethyl Ether	2.19	74	23081	11.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36252	10.33	ug/l	98
10) Methyl Iodide	2.51	142	48714	15.96	ug/l	100
11) Tert butyl alcohol	3.09	59	52077	69.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32744	10.34	ug/l	96
13) Acrolein	2.30	56	13968	32.28	ug/l	98
14) Allyl chloride	2.73	41	57968	10.47	ug/l	99
15) Acrylonitrile	3.16	53	108989	62.57	ug/l	100
16) Acetone	2.45	43	106863	57.31	ug/l	99
17) Carbon Disulfide	2.57	76	69088	8.38	ug/l	100
18) Methyl Acetate	2.78	43	62080	14.10	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	120553	11.18	ug/l	98
20) Methylene Chloride	2.86	84	38711	10.24	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	34976	10.15	ug/l	99
22) Diisopropyl ether	3.89	45	120008	11.25	ug/l	97
23) Vinyl Acetate	3.84	43	510659	56.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67036	11.28	ug/l	100
25) 2-Butanone	4.73	43	144948	57.49	ug/l	98
26) 2,2-Dichloropropane	4.59	77	27003	5.58	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	36733	9.70	ug/l	98
28) Bromochloromethane	5.03	49	31979	11.97	ug/l	99
29) Tetrahydrofuran	5.18	42	92280	59.51	ug/l	99
30) Chloroform	5.23	83	63421	10.10	ug/l	96
31) Cyclohexane	5.58	56	47654	8.88	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	54788	9.98	ug/l	100
36) 1,1-Dichloropropene	5.81	75	43286	8.68	ug/l	97
37) Ethyl Acetate	4.89	43	53137	10.55	ug/l	98
38) Carbon Tetrachloride	5.79	117	48022	9.19	ug/l	94

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Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Quant Time: May 04 07:19:04 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49682	8.42	ug/l	98
40) Benzene	6.15	78	136841	9.53	ug/l	97
41) Methacrylonitrile	5.08	41	30195	10.29	ug/l	99
42) 1,2-Dichloroethane	6.21	62	52441	9.44	ug/l	99
43) Isopropyl Acetate	6.48	43	83752	10.27	ug/l	100
44) Trichloroethene	7.22	130	43040	9.80	ug/l	90
45) 1,2-Dichloropropane	7.52	63	34614	9.39	ug/l	100
46) Dibromomethane	7.67	93	25229	9.77	ug/l	99
47) Bromodichloromethane	7.91	83	43593	9.44	ug/l	93
48) Methyl methacrylate	7.79	41	43175	9.96	ug/l	96
49) 1,4-Dioxane	7.77	88	20605	251.83	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	298513	56.77	ug/l	100
52) Toluene	8.79	92	88719	9.46	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	47260	8.60	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	42387	8.39	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	37535	9.90	ug/l	97
56) Ethyl methacrylate	9.19	69	52625	10.02	ug/l	98
57) 1,3-Dichloropropane	9.38	76	59783	9.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	135213	53.37	ug/l	98
59) 2-Hexanone	9.51	43	229923	55.95	ug/l	99
60) Dibromochloromethane	9.59	129	37228	9.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	40479	10.08	ug/l	99
64) Tetrachloroethene	9.34	164	55996	11.67	ug/l	94
65) Chlorobenzene	10.15	112	104995	9.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	38707	10.12	ug/l	98
67) Ethyl Benzene	10.26	91	169172	9.32	ug/l	100
68) m/p-Xylenes	10.37	106	133627	18.70	ug/l	99
69) o-Xylene	10.71	106	65450	9.45	ug/l	99
70) Styrene	10.72	104	106372	9.39	ug/l	99
71) Bromoform	10.87	173	30132	11.44	ug/l	# 100
73) Isopropylbenzene	11.02	105	175883	10.73	ug/l	99
74) N-amyl acetate	6.48	43	83752	11.91	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	54818	11.17	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	60307	13.31	ug/l	91
77) Bromobenzene	11.26	156	52161	11.04	ug/l	97
78) n-propylbenzene	11.37	91	191940	10.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	118003	10.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	149076	10.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10797	11.38	ug/l	91
82) 4-Chlorotoluene	11.52	91	136854	10.35	ug/l	100
83) tert-Butylbenzene	11.77	119	141327	10.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	153096	10.86	ug/l	98
85) sec-Butylbenzene	11.95	105	176805	10.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	160594	10.66	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	91100	10.32	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	92739	10.19	ug/l	98
89) n-Butylbenzene	12.40	91	128744	9.79	ug/l	99
90) Hexachloroethane	12.60	117	22058	10.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	94853	10.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12826	12.93	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050318\
Quantitation Report (Not Reviewed)

Data File : VX001377.D
Acq On : 03 May 2018 23:21
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Instrument :
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ClientSampleId :
VX0503WBSD01

Quant Time: May 04 07:19:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

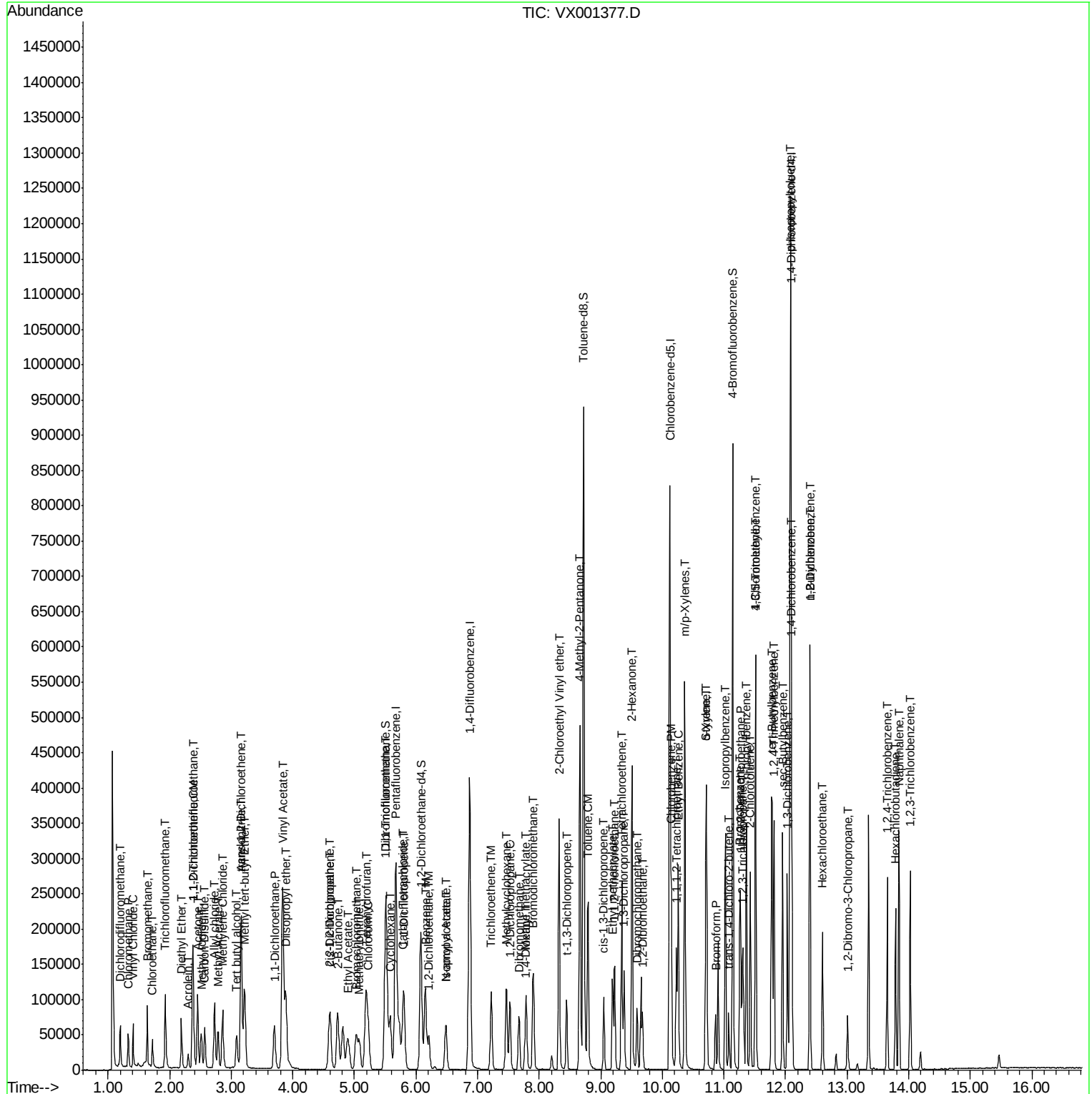
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67806	9.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	36823	9.96	ug/l	100
95) Naphthalene	13.84	128	203930	11.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71718	10.34	ug/l	98

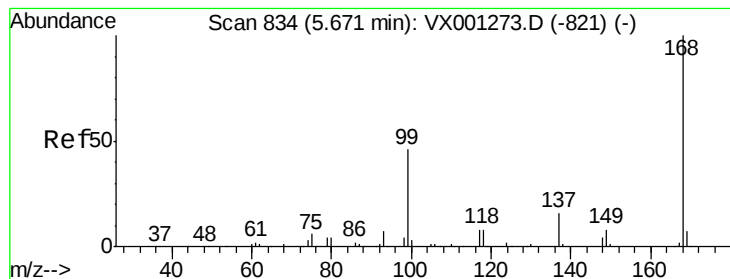
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 26 Sample Multiplier: 1

VX0503WBSD01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

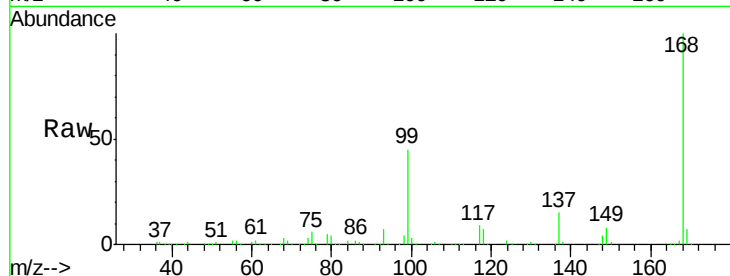
VX0503WBSD01

Tgt Ion:168 Resp: 315575

Ion Ratio Lower Upper

168 100

99 44.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

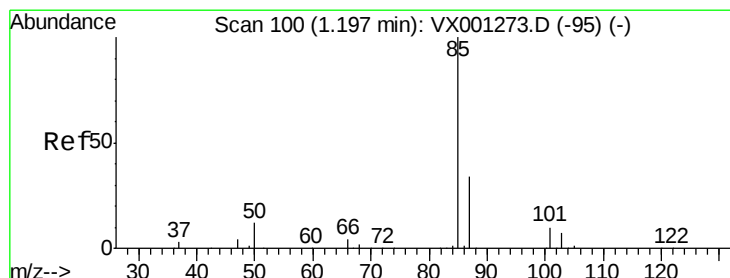
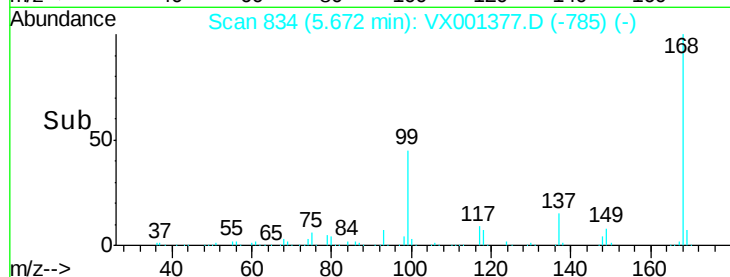
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001377.D

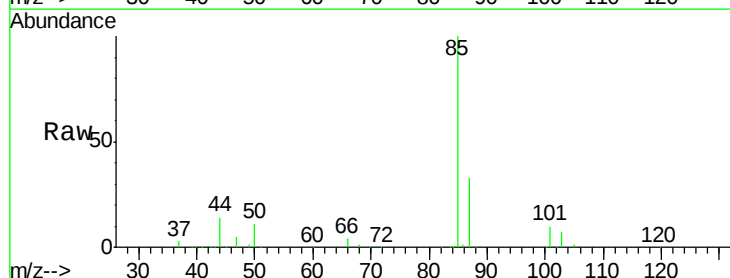
Acq: 03 May 2018 23:21

Tgt Ion: 85 Resp: 35103

Ion Ratio Lower Upper

85 100

87 33.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

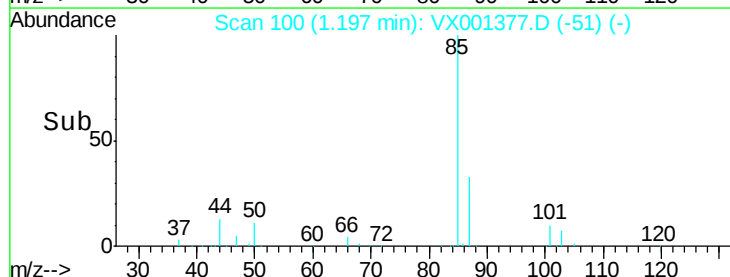
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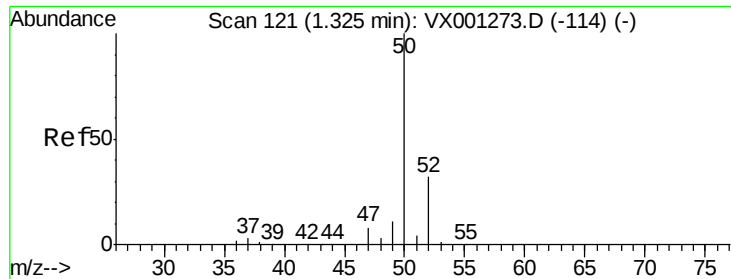
20000

10000

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Time-->





#3

Chloromethane

Concen: 9.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

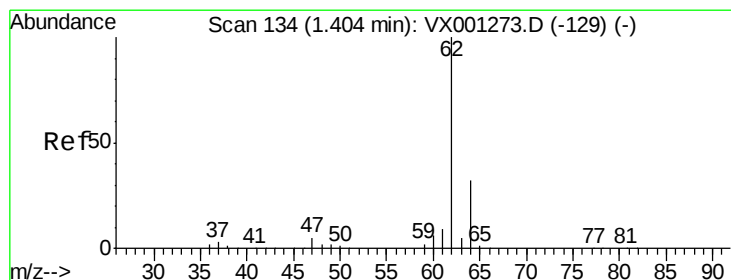
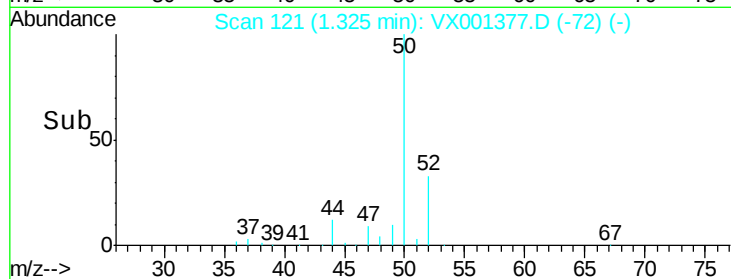
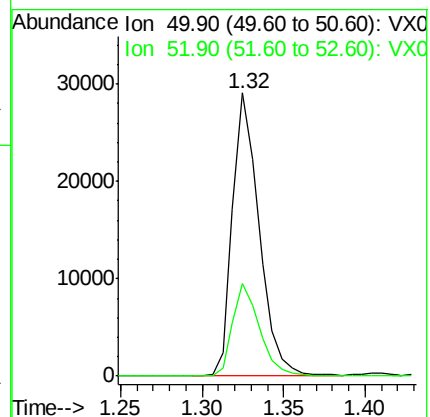
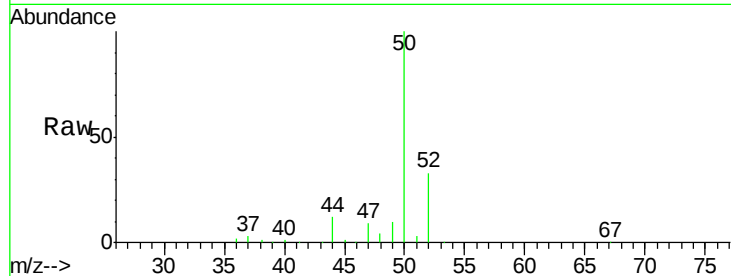
VX0503WBSD01

Tgt Ion: 50 Resp: 33221

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 10.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001377.D

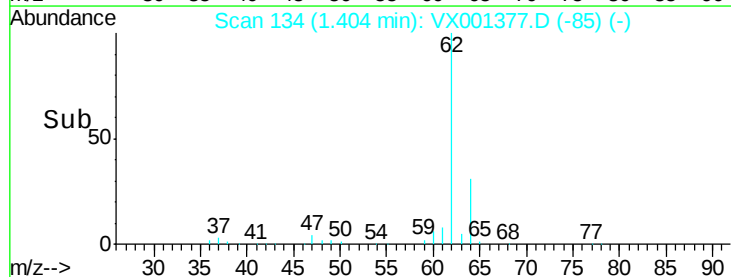
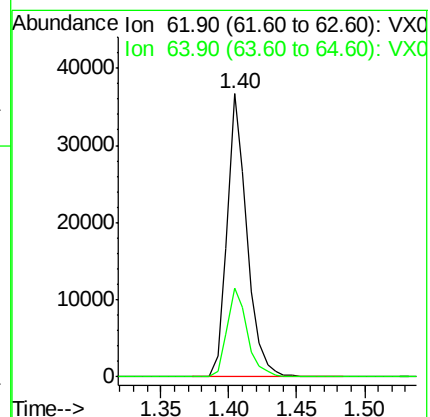
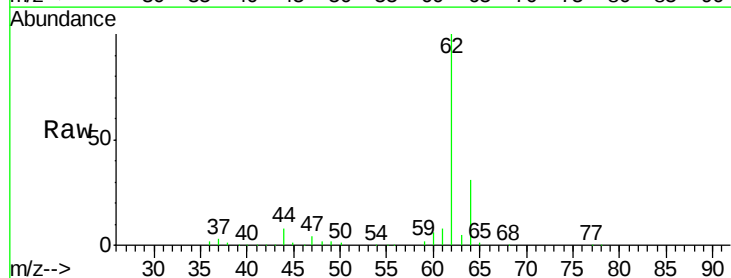
Acq: 03 May 2018 23:21

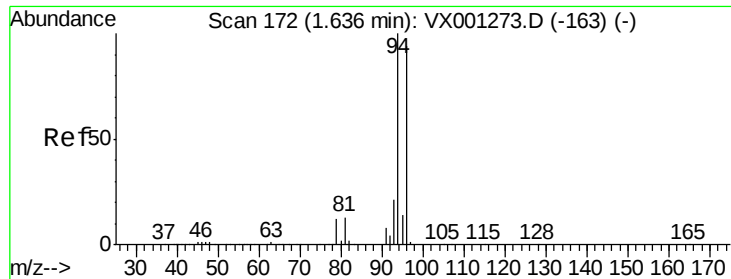
Tgt Ion: 62 Resp: 37101

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 8.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

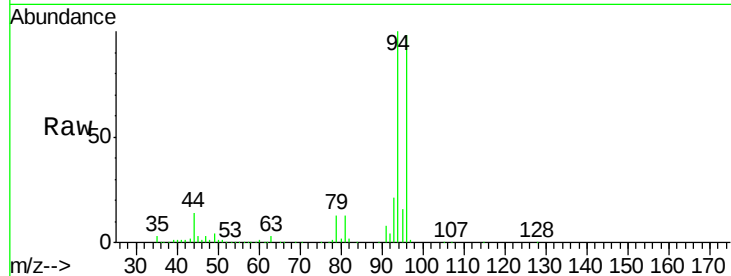
VX0503WBSD01

Tgt Ion: 94 Resp: 26916

Ion Ratio Lower Upper

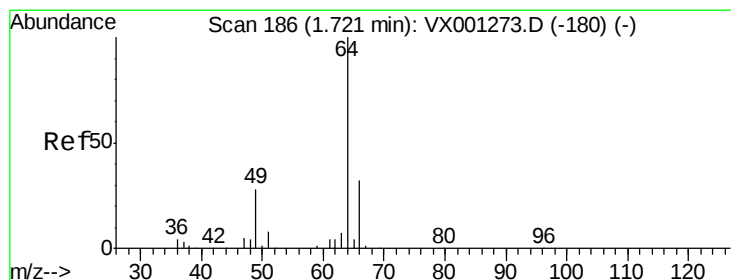
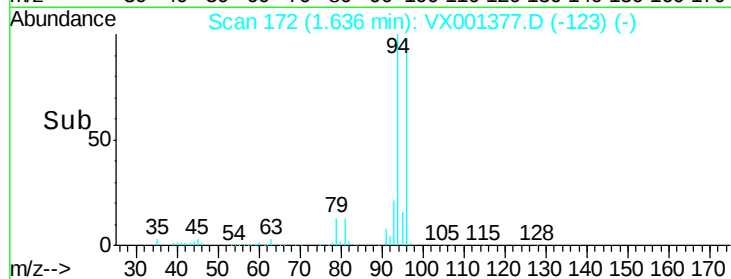
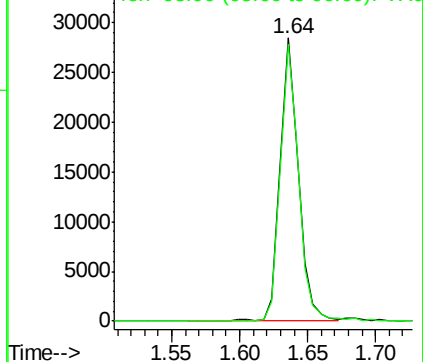
94 100

96 97.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 10.88 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001377.D

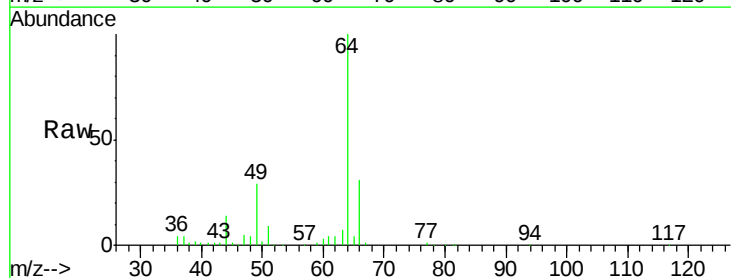
Acq: 03 May 2018 23:21

Tgt Ion: 64 Resp: 24809

Ion Ratio Lower Upper

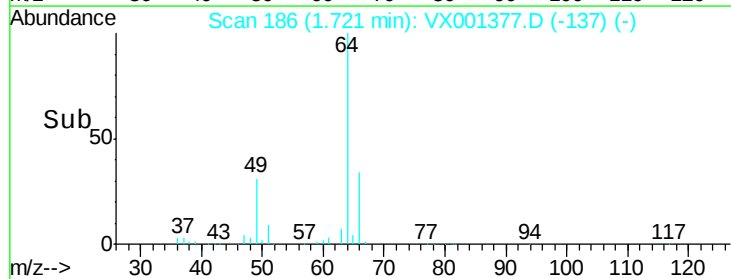
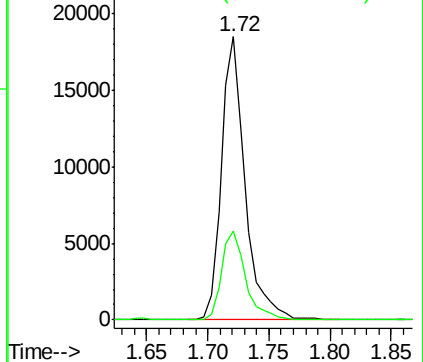
64 100

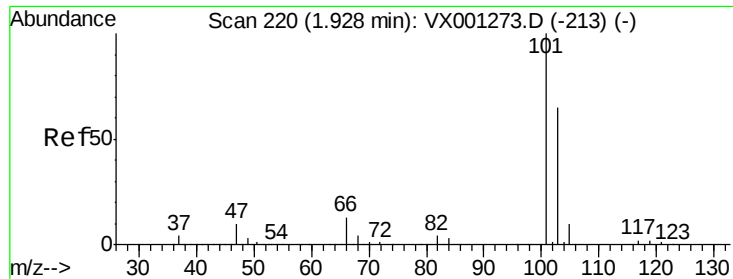
66 31.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 10.87 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001377.D

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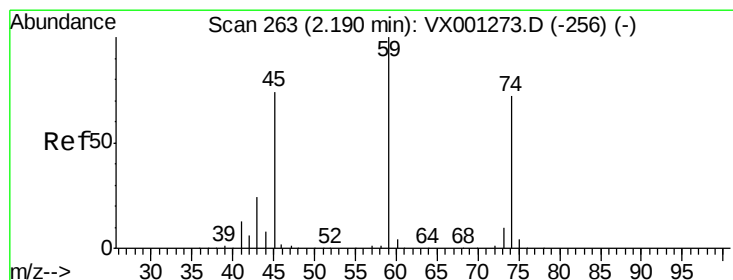
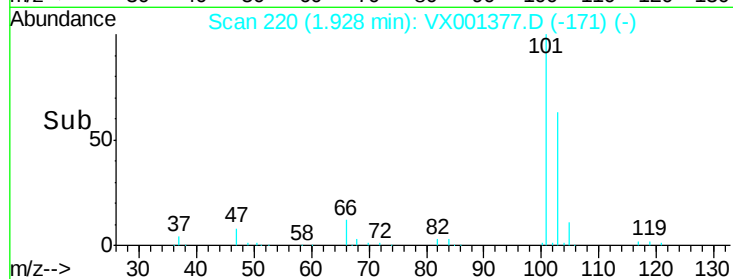
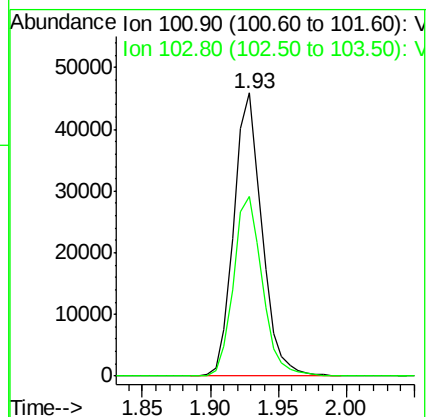
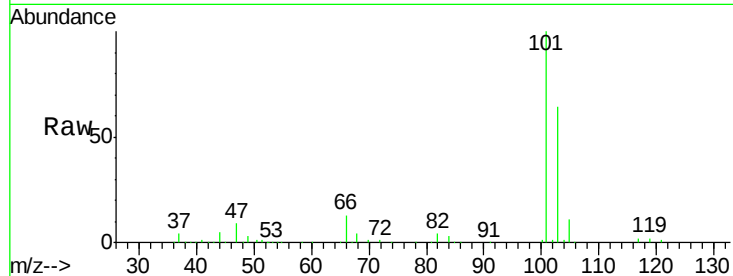
VX0503WBSD01

Tgt Ion:101 Resp: 66208

Ion Ratio Lower Upper

101 100

103 63.6 51.8 77.8



#8

Diethyl Ether

Concen: 11.04 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001377.D

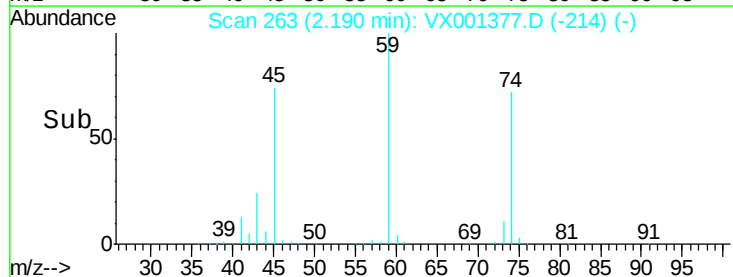
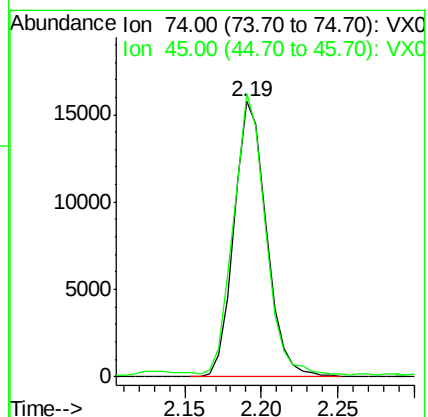
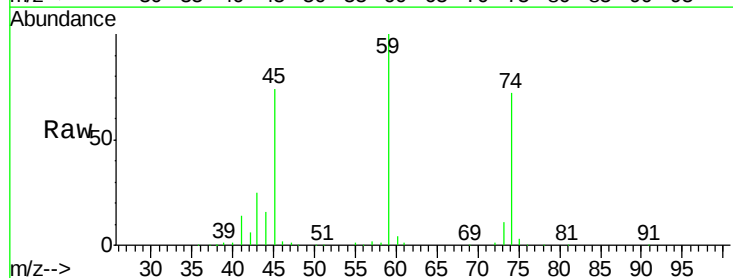
Acq: 03 May 2018 23:21

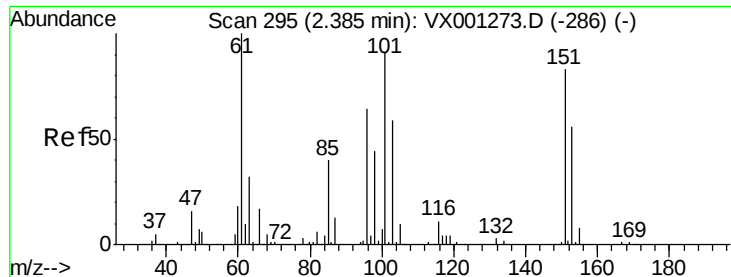
Tgt Ion: 74 Resp: 23081

Ion Ratio Lower Upper

74 100

45 100.4 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

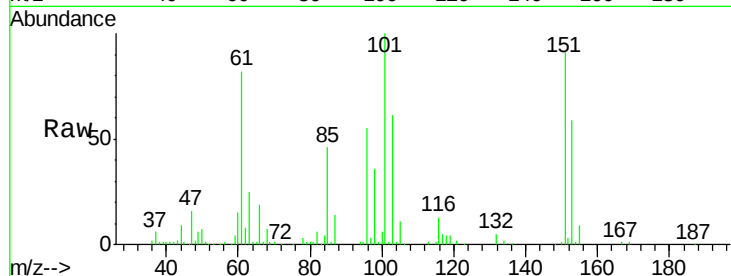
Tgt Ion:101 Resp: 36252

Ion Ratio Lower Upper

101 100

85 45.6 35.6 53.4

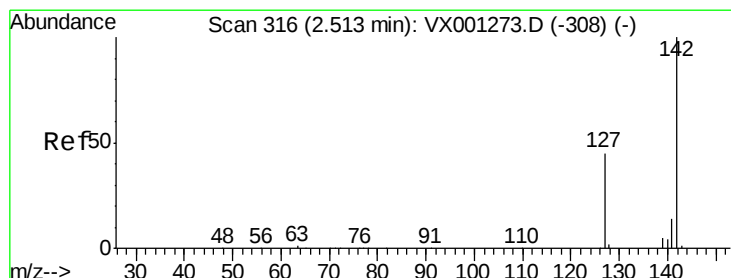
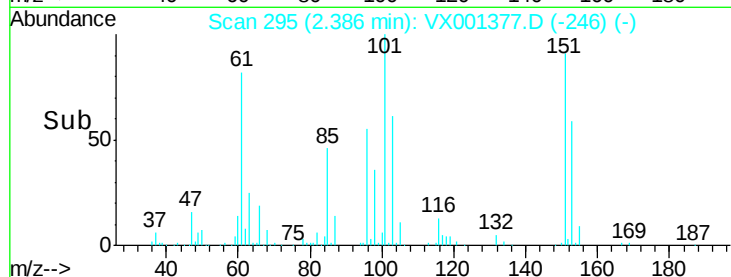
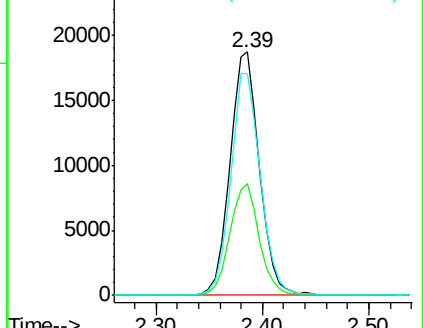
151 92.0 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.96 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

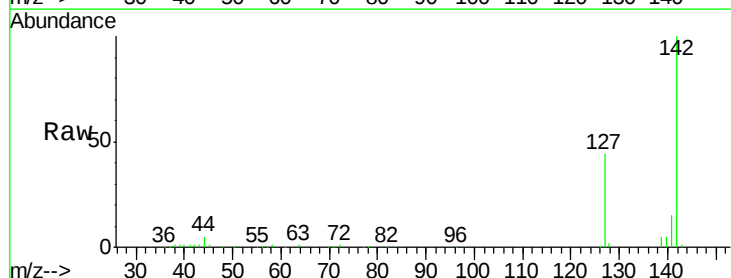
Tgt Ion:142 Resp: 48714

Ion Ratio Lower Upper

142 100

127 44.5 35.7 53.5

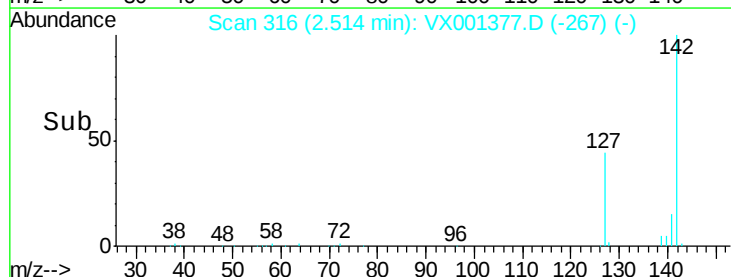
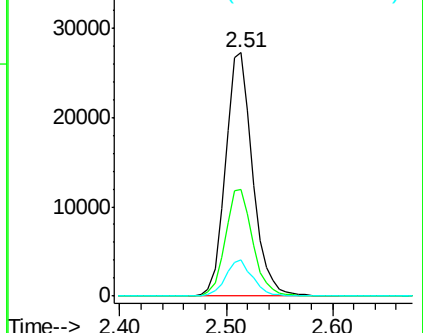
141 14.7 11.4 17.0

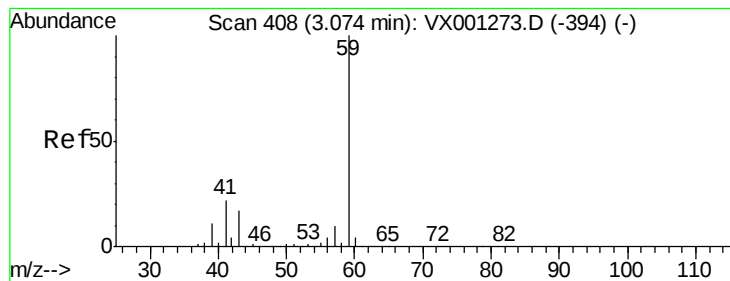


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



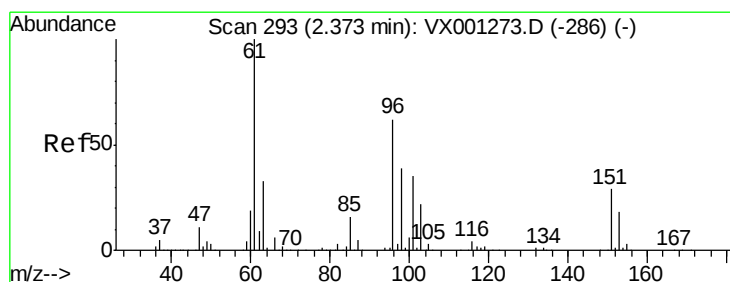
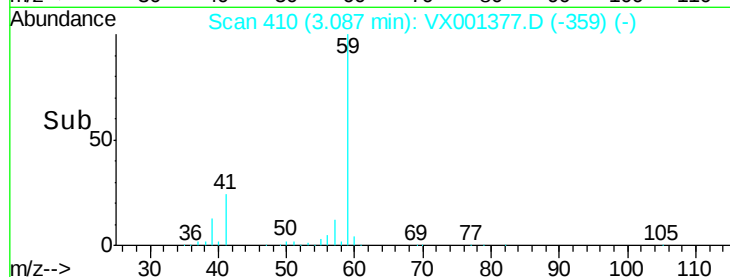
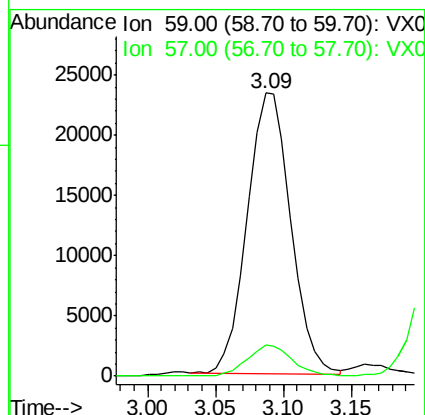
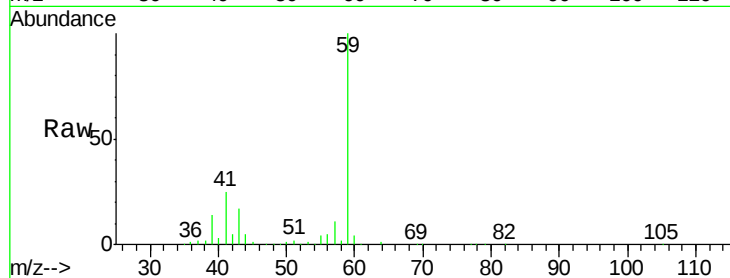


#11

Tert butyl alcohol
 Concen: 69.29 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

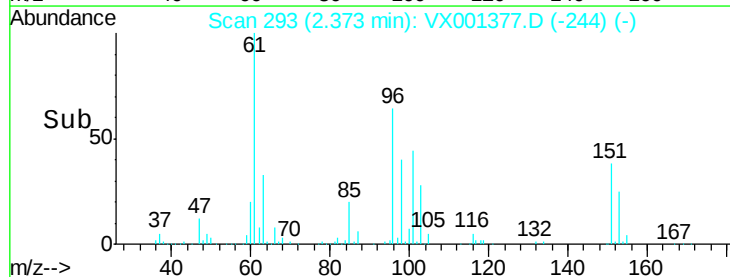
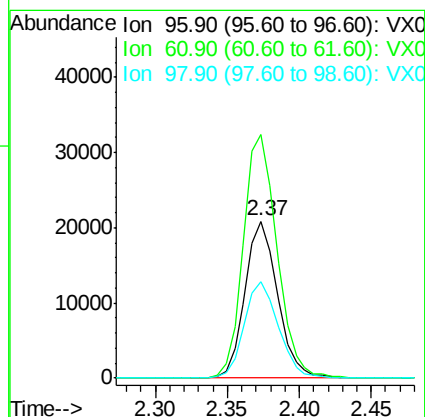
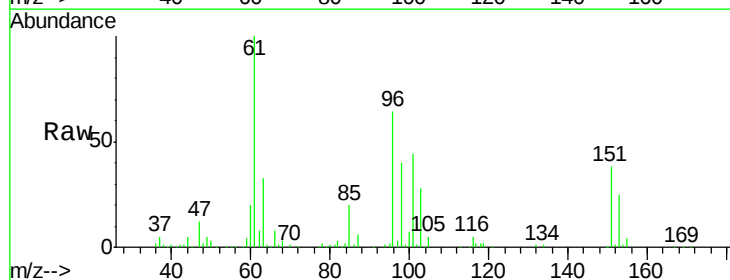
Tgt Ion: 59 Resp: 52077
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.6 12.8

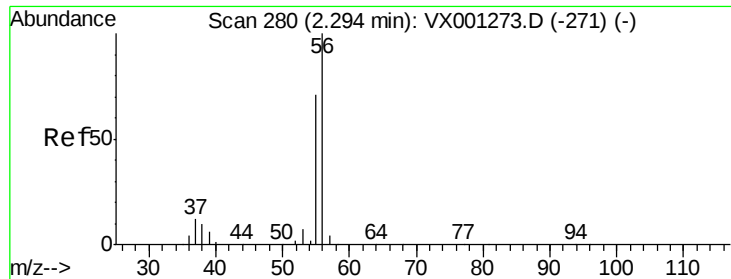


#12

1,1-Dichloroethene
 Concen: 10.34 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion: 96 Resp: 32744
 Ion Ratio Lower Upper
 96 100
 61 155.3 130.1 195.1
 98 61.8 50.3 75.5





#13

Acrolein

Concen: 32.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

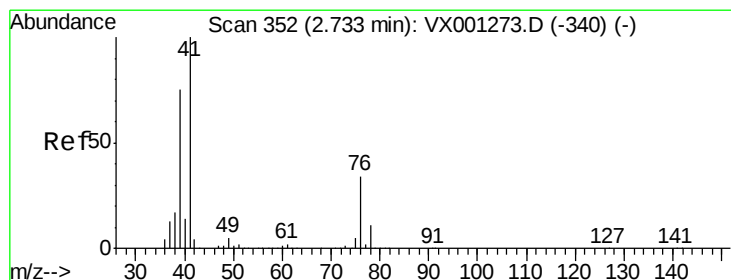
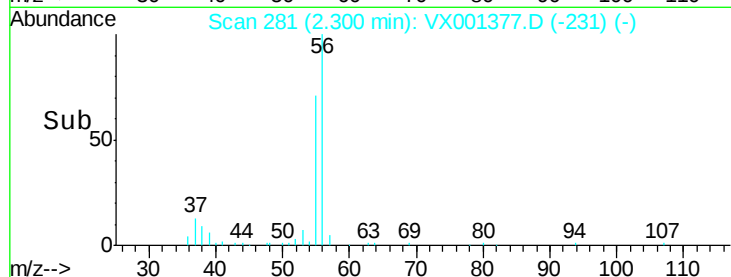
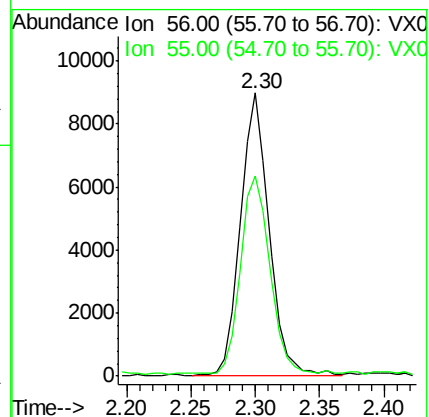
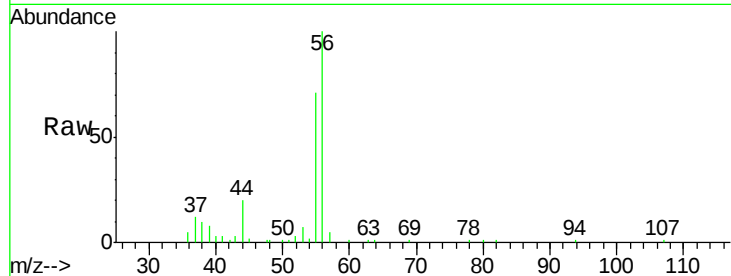
VX0503WBSD01

Tgt Ion: 56 Resp: 13968

Ion Ratio Lower Upper

56 100

55 70.0 57.2 85.8



#14

Allyl chloride

Concen: 10.47 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

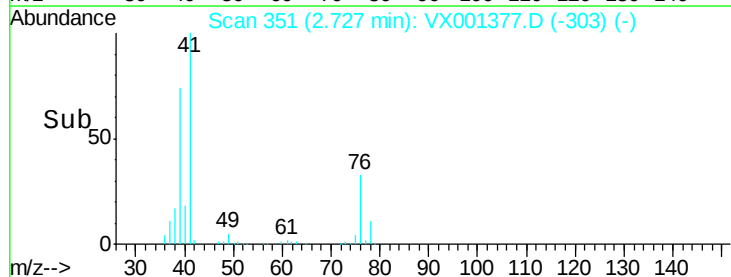
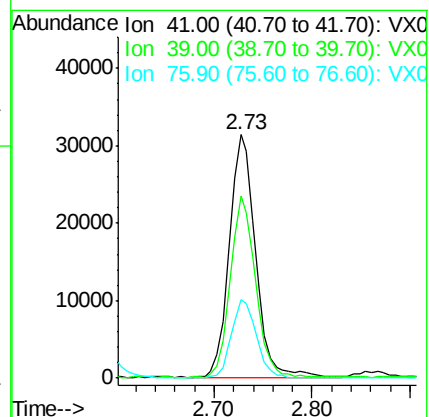
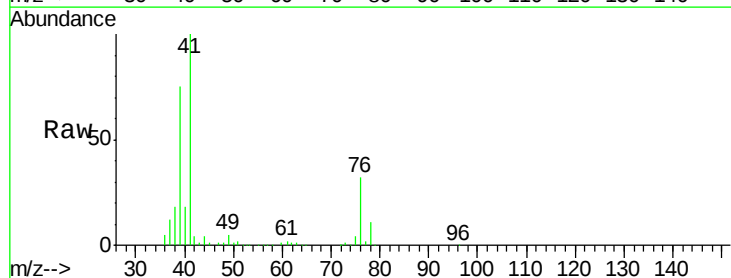
Tgt Ion: 41 Resp: 57968

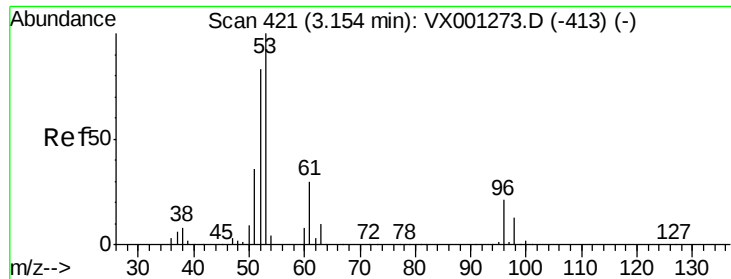
Ion Ratio Lower Upper

41 100

39 71.6 58.1 87.1

76 31.1 25.1 37.7





#15

Acrylonitrile

Concen: 62.57 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampled :

VX0503WBSD01

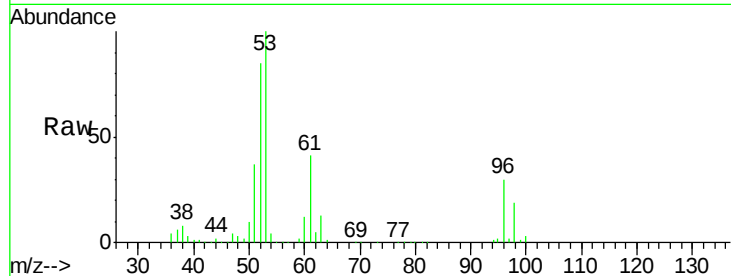
Tgt Ion: 53 Resp: 108989

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.4

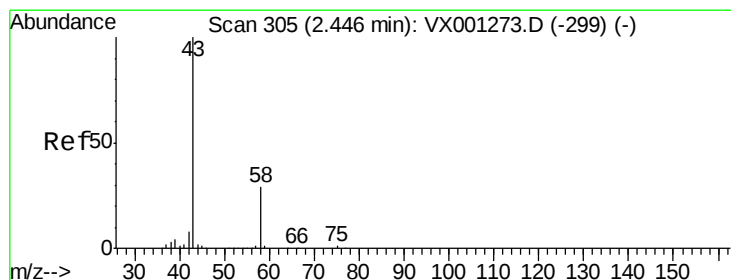
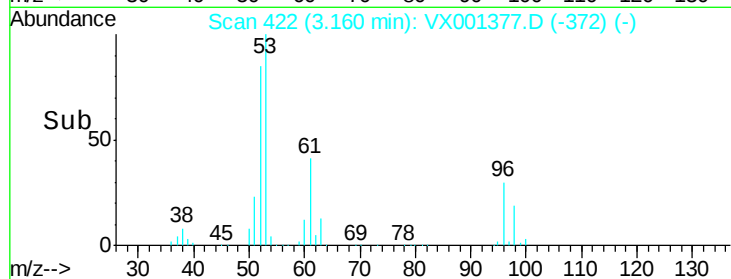
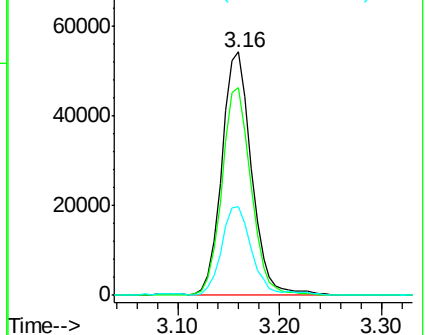
51 37.6 29.9 44.9



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: 57.31 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001377.D

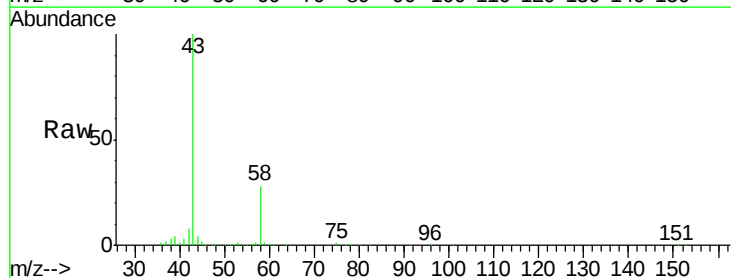
Acq: 03 May 2018 23:21

Tgt Ion: 43 Resp: 106863

Ion Ratio Lower Upper

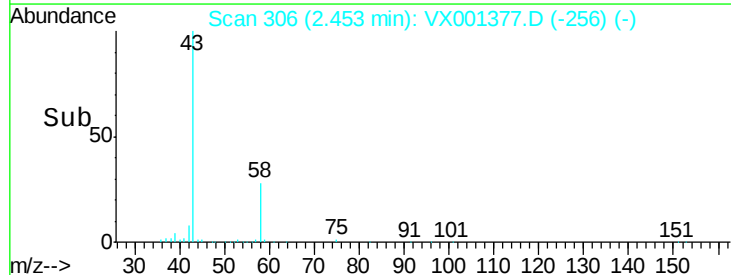
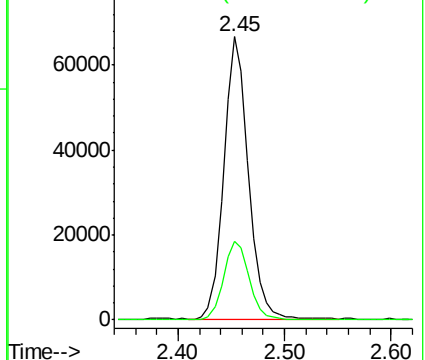
43 100

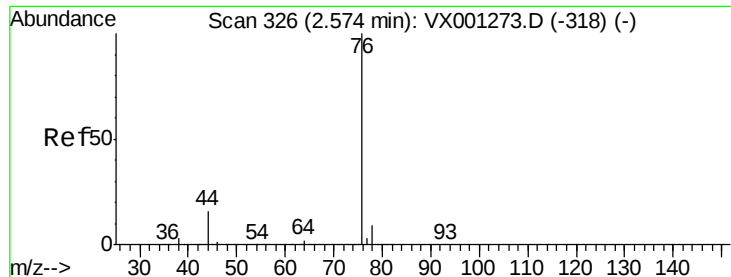
58 28.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

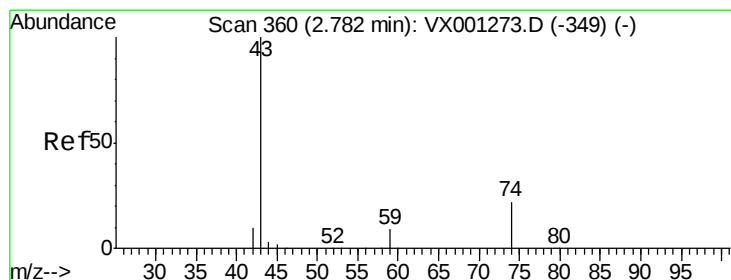
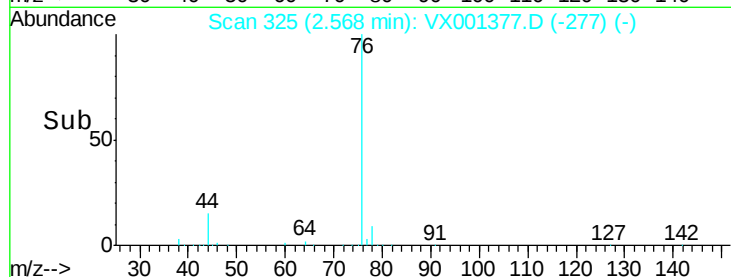
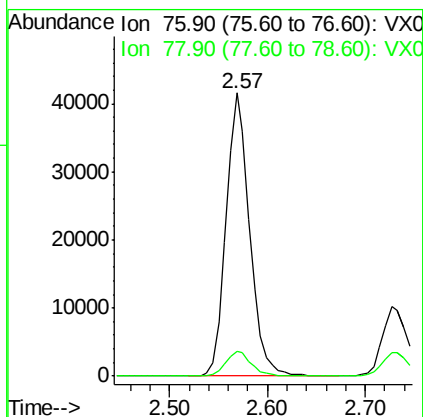
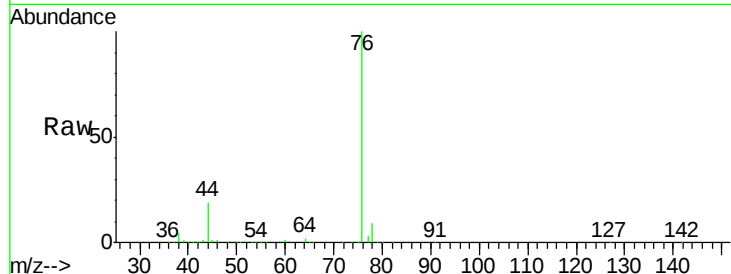




#17
Carbon Disulfide
Concen: 8.38 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

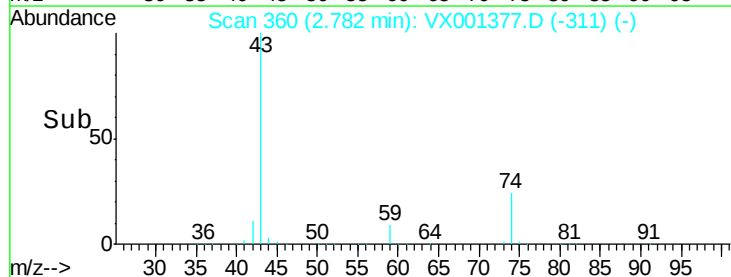
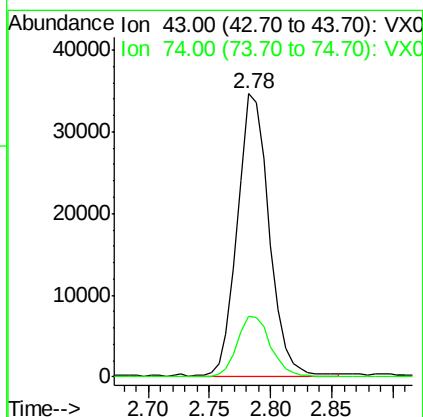
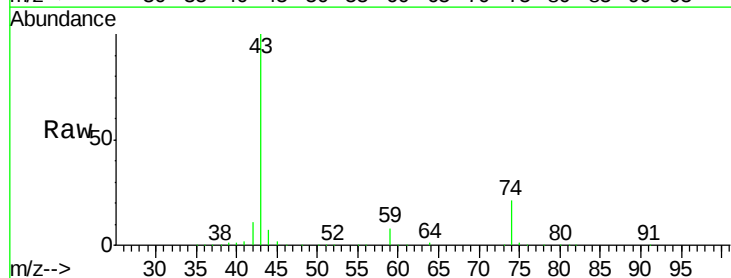
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

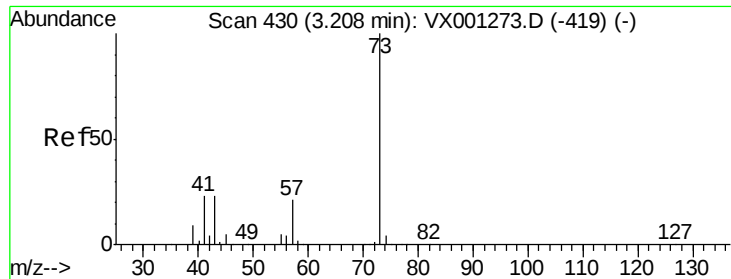
Tgt Ion: 76 Resp: 69088
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 14.10 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 43 Resp: 62080
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6

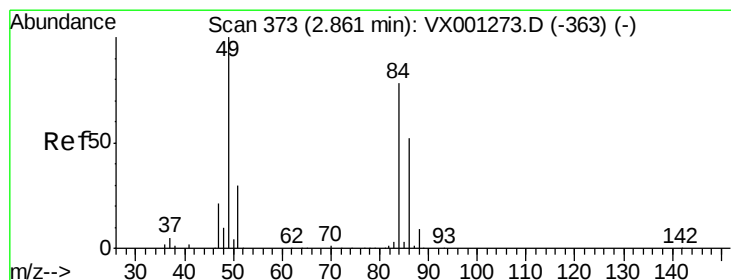
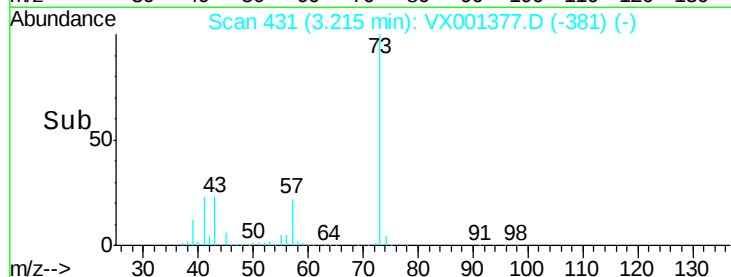
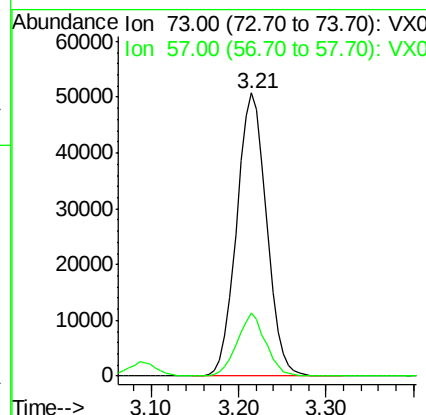
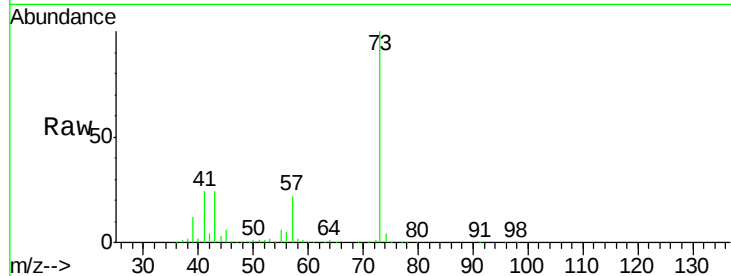




#19
Methyl tert-butyl Ether
Concen: 11.18 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

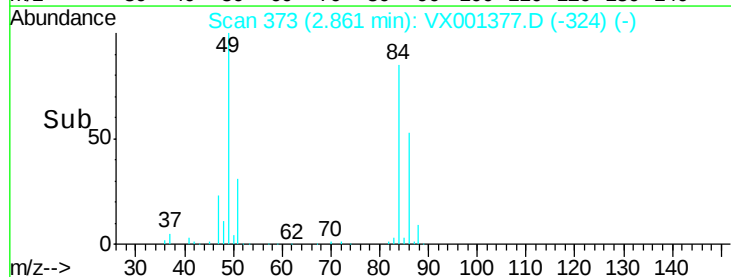
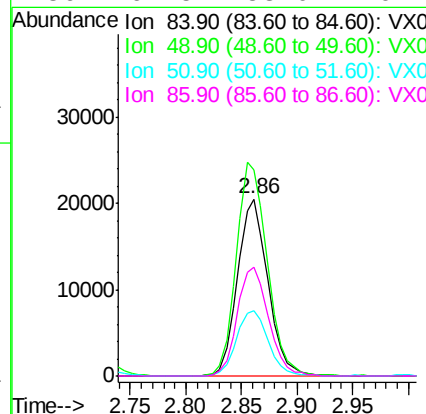
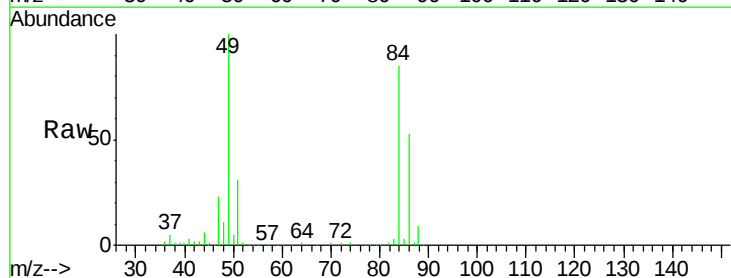
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

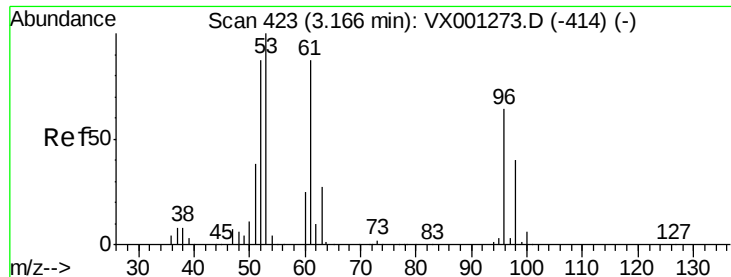
Tgt Ion: 73 Resp: 120553
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 10.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 84 Resp: 38711
Ion Ratio Lower Upper
84 100
49 117.0 102.8 154.2
51 36.6 30.9 46.3
86 61.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 10.15 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

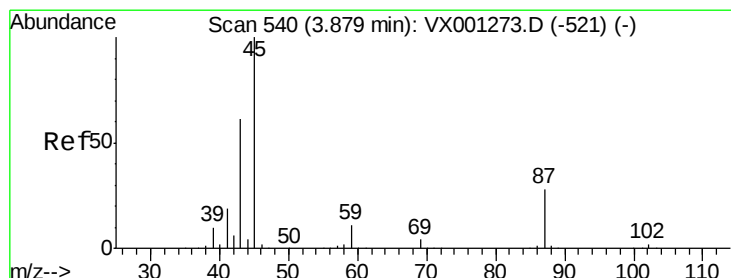
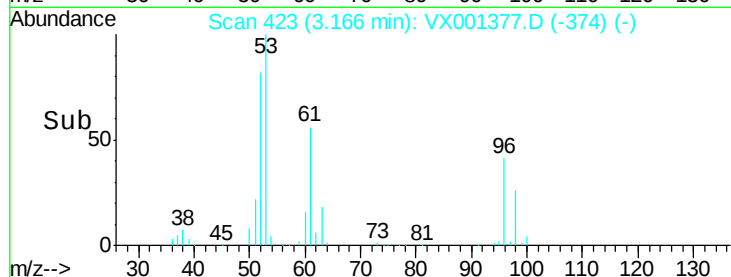
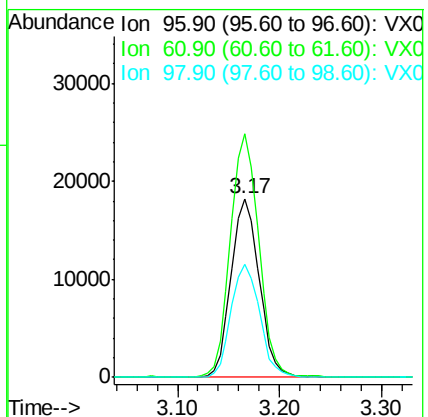
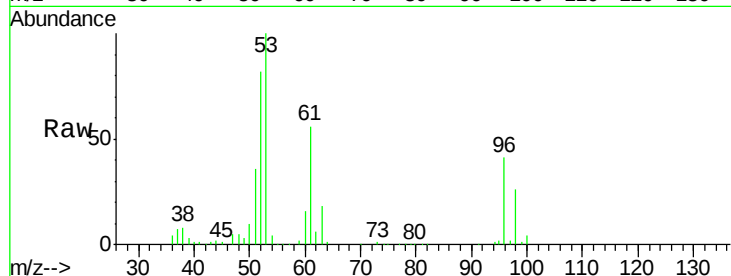
Tgt Ion: 96 Resp: 34976

Ion Ratio Lower Upper

96 100

61 136.3 108.6 162.8

98 63.3 49.7 74.5



#22

Diisopropyl ether

Concen: 11.25 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Tgt Ion: 45 Resp: 120008

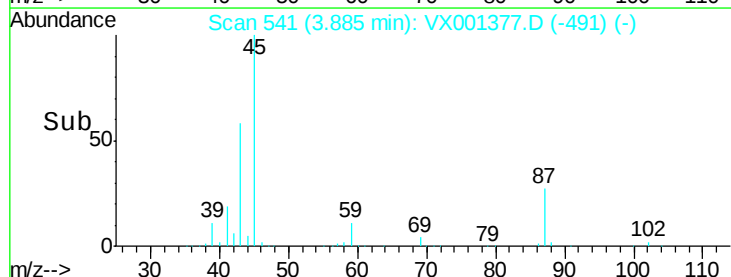
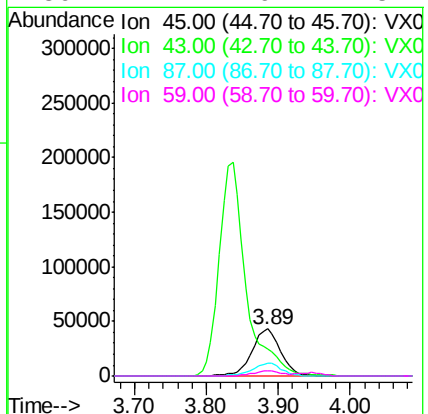
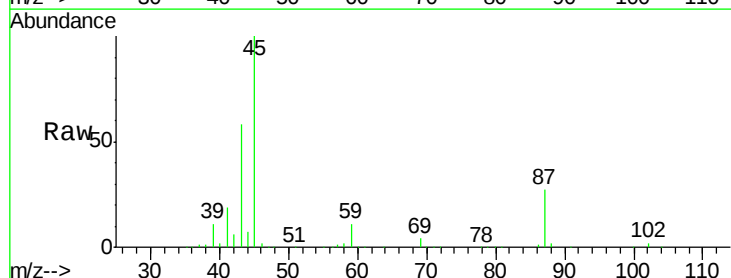
Ion Ratio Lower Upper

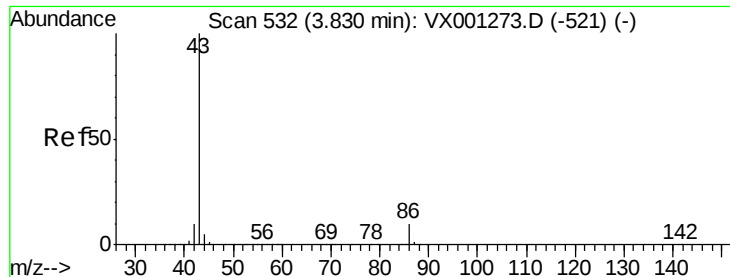
45 100

43 57.8 48.7 73.1

87 26.6 22.2 33.4

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 56.50 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

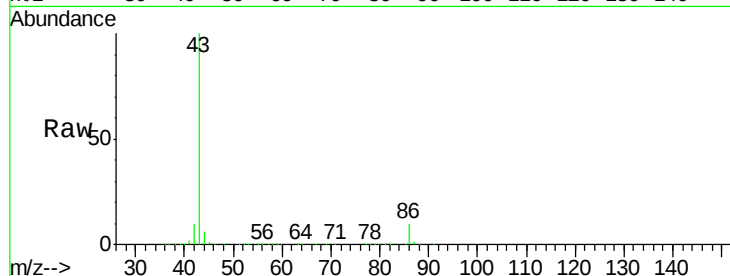
VX0503WBSD01

Tgt Ion: 43 Resp: 510659

Ion Ratio Lower Upper

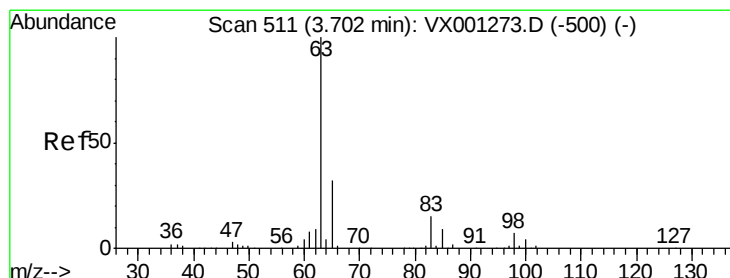
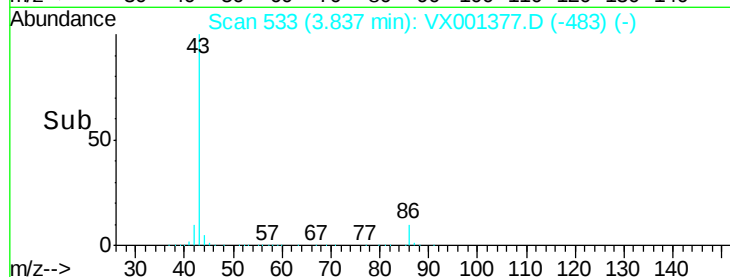
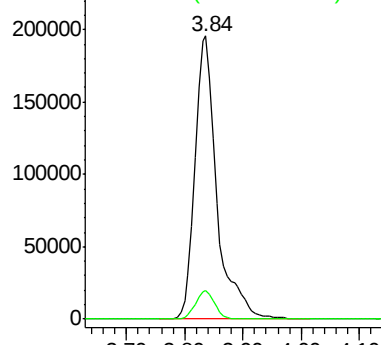
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 11.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

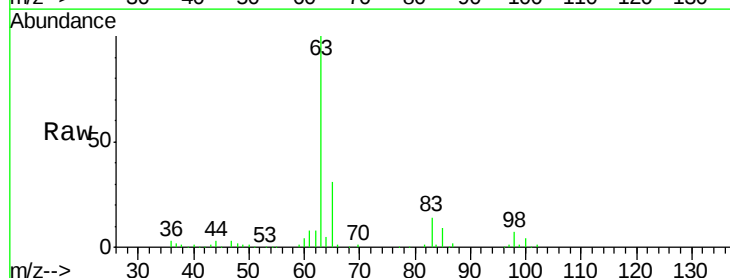
Tgt Ion: 63 Resp: 67036

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

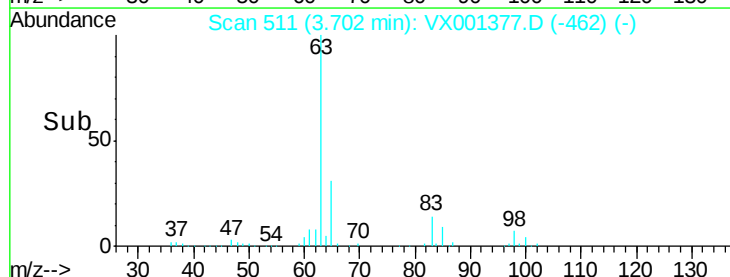
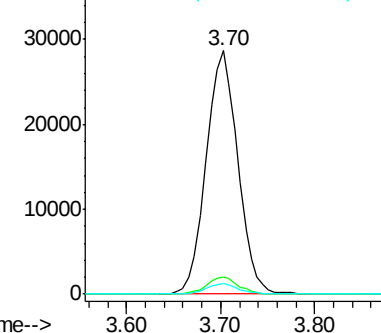
100 4.4 2.3 6.8

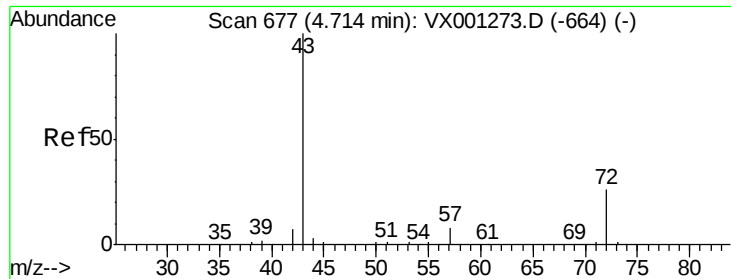


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 57.49 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

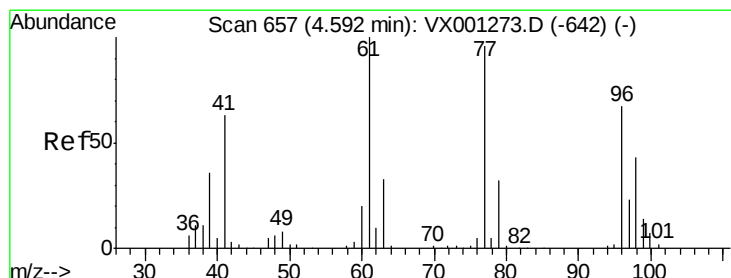
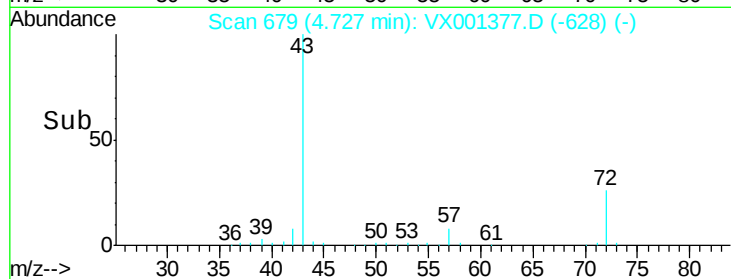
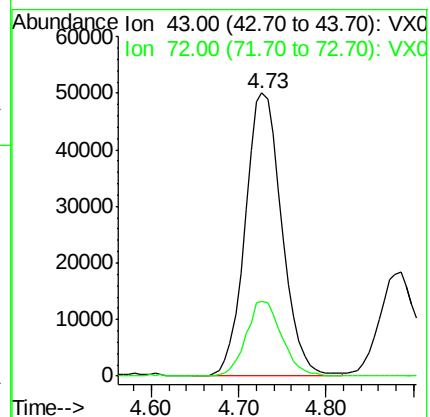
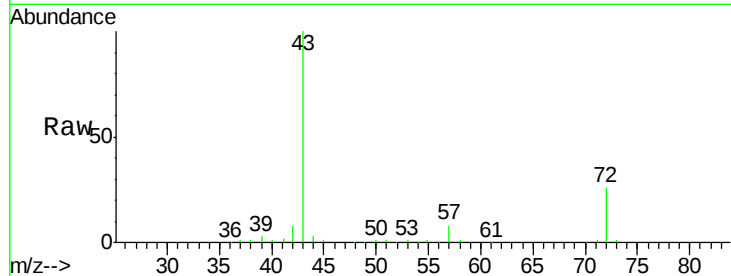
VX0503WBSD01

Tgt Ion: 43 Resp: 144948

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 5.58 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001377.D

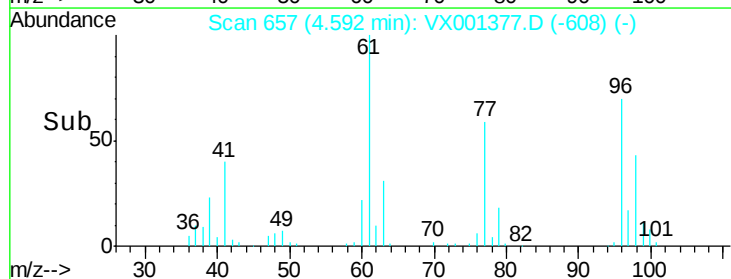
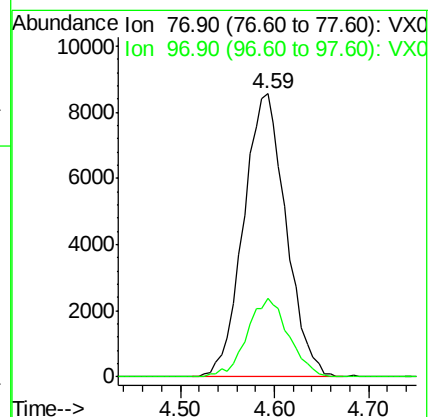
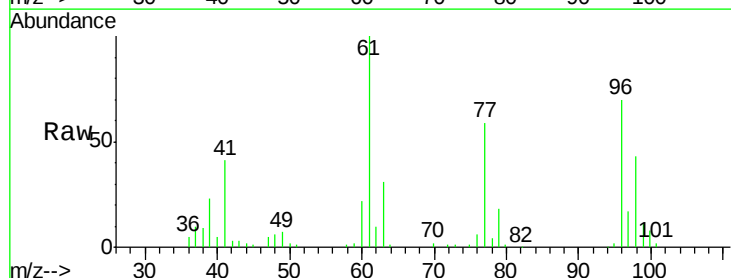
Acq: 03 May 2018 23:21

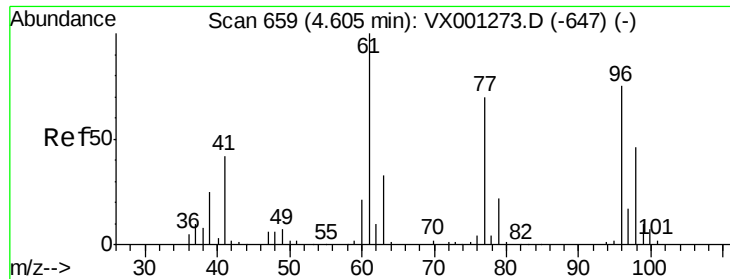
Tgt Ion: 77 Resp: 27003

Ion Ratio Lower Upper

77 100

97 27.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 9.70 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

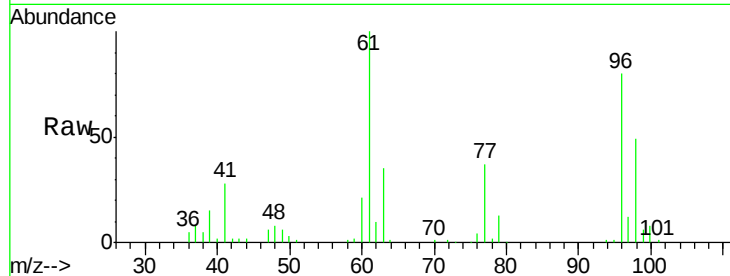
Tgt Ion: 96 Resp: 36733

Ion Ratio Lower Upper

96 100

61 146.3 0.0 288.0

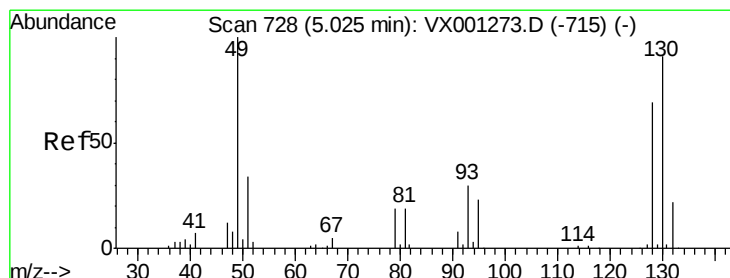
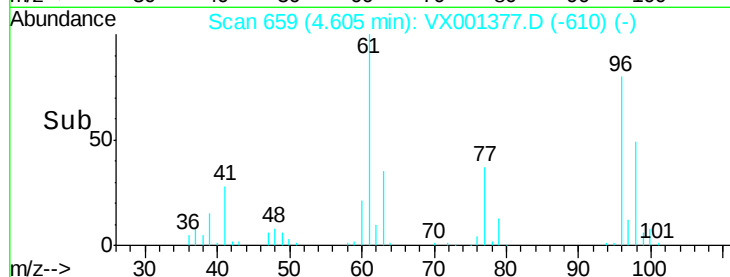
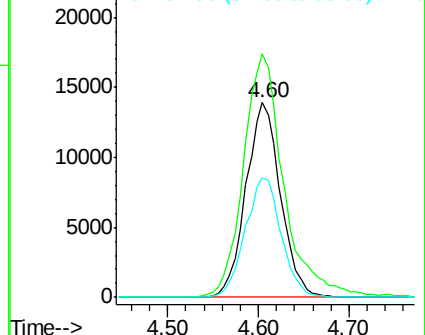
98 64.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 11.97 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

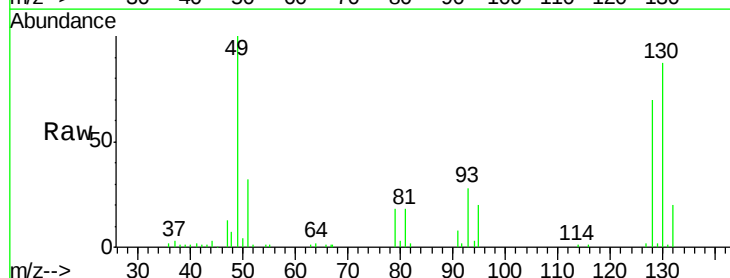
Tgt Ion: 49 Resp: 31979

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

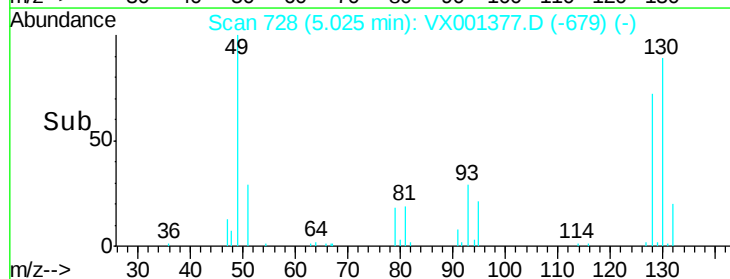
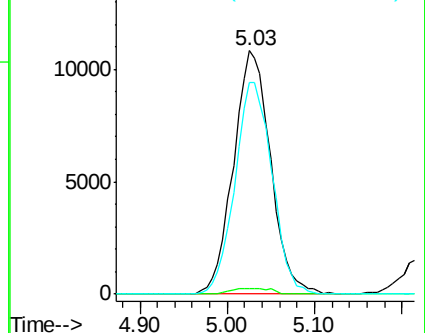
130 87.1 70.4 105.6

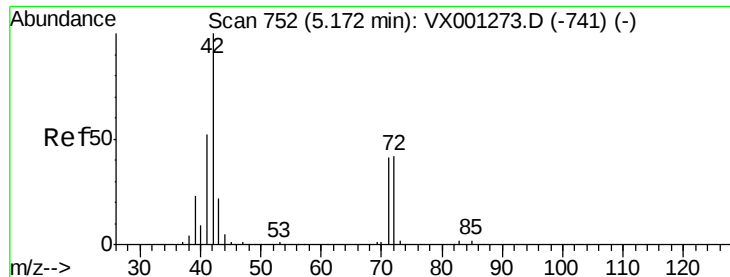


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

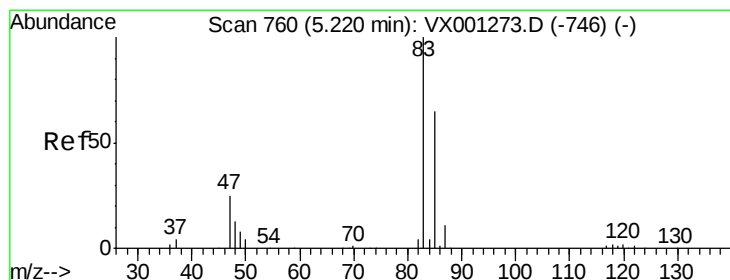
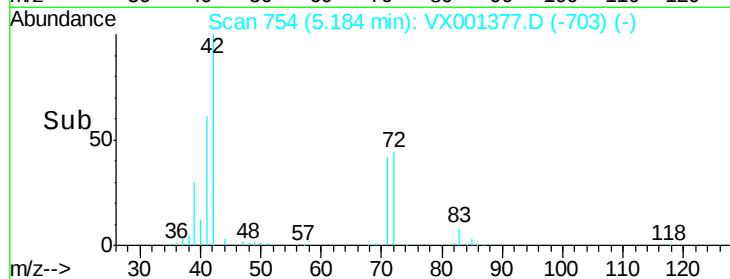
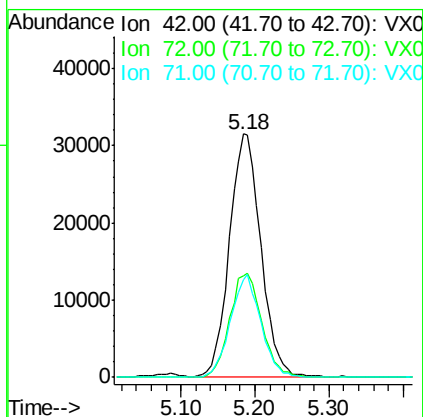
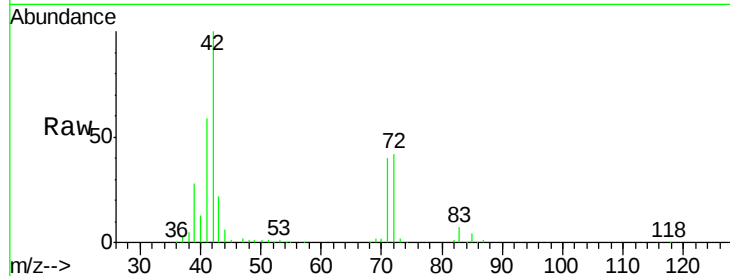




#29
Tetrahydrofuran
Concen: 59.51 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

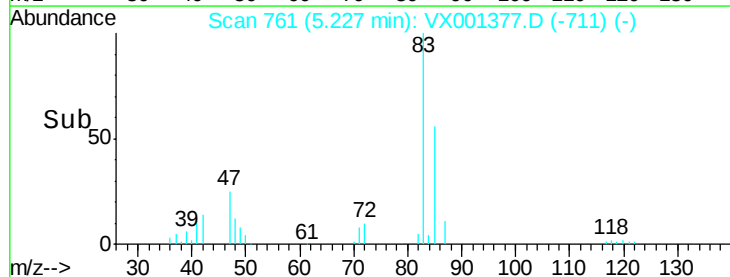
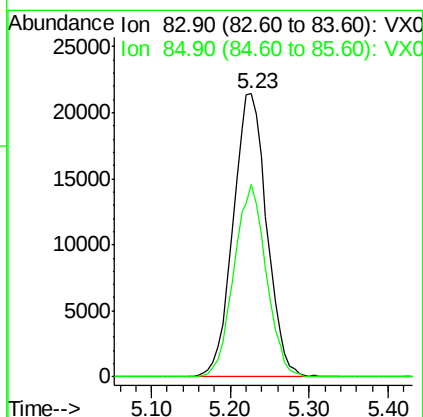
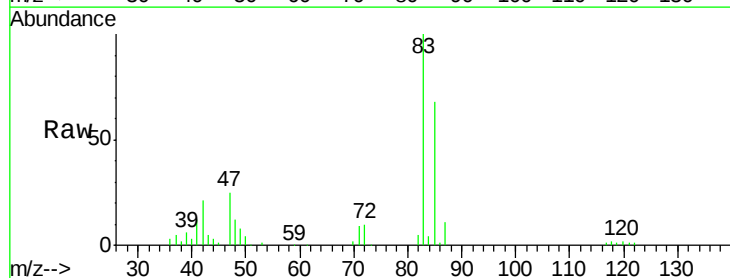
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

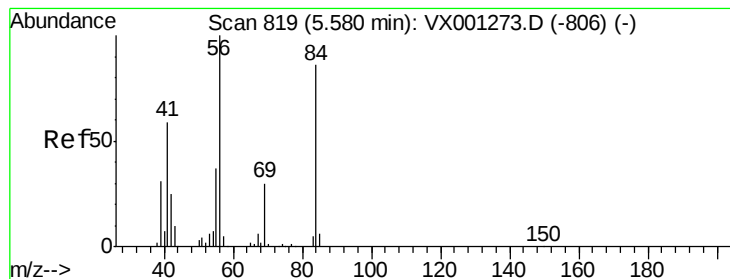
Tgt Ion: 42 Resp: 92280
Ion Ratio Lower Upper
42 100
72 44.1 34.6 52.0
71 41.1 32.7 49.1



#30
Chloroform
Concen: 10.10 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 83 Resp: 63421
Ion Ratio Lower Upper
83 100
85 68.2 52.2 78.2





#31

Cyclohexane

Concen: 8.88 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

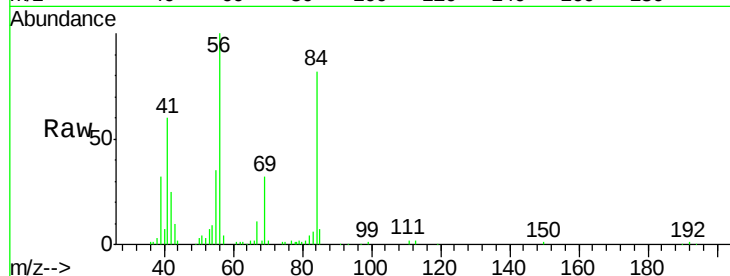
Tgt Ion: 56 Resp: 47654

Ion Ratio Lower Upper

56 100

69 31.9 24.0 36.0

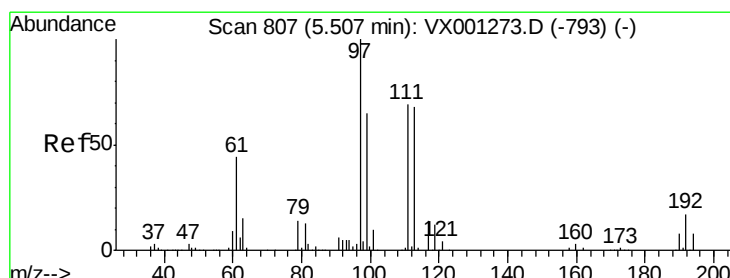
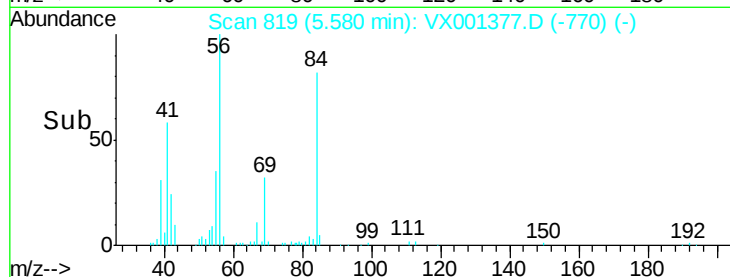
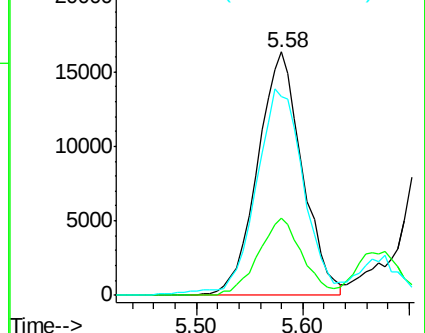
84 80.0 69.0 103.4



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: 9.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

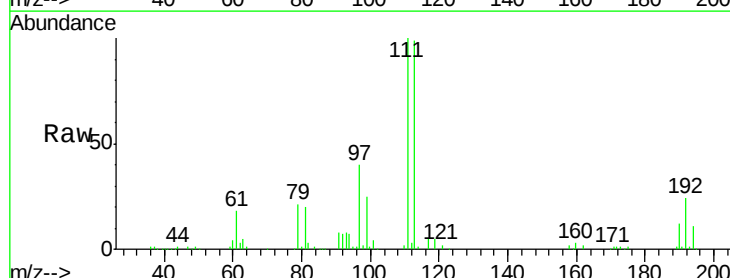
Tgt Ion: 97 Resp: 54788

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

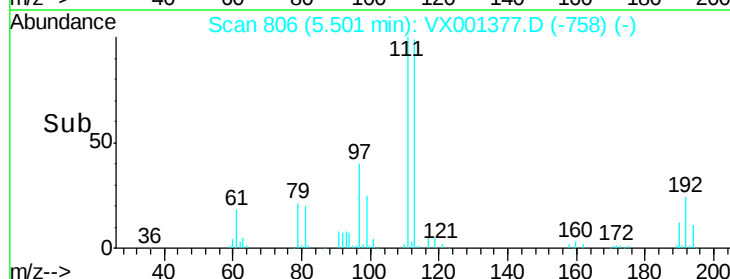
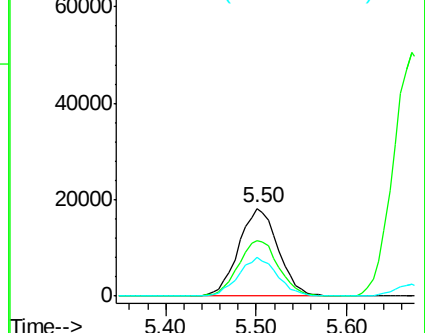
61 43.8 35.4 53.2

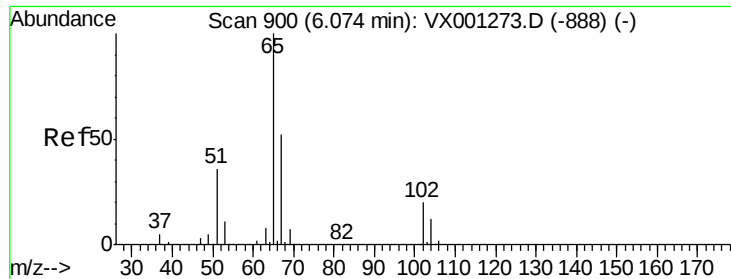


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.65 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

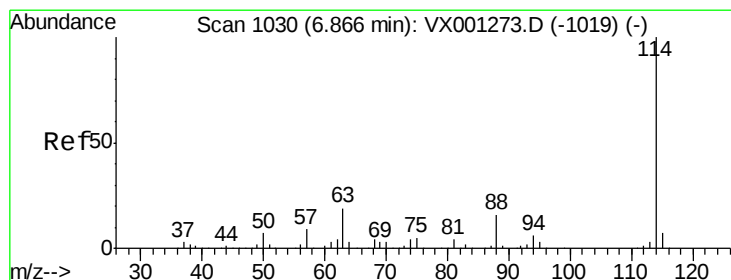
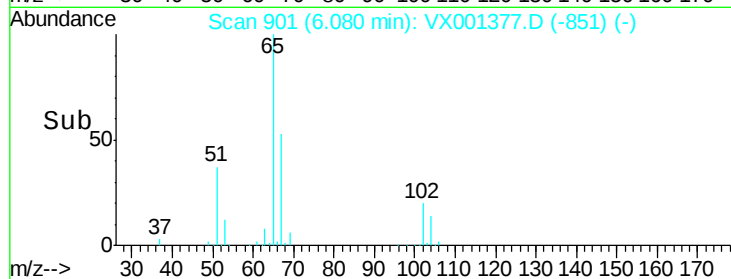
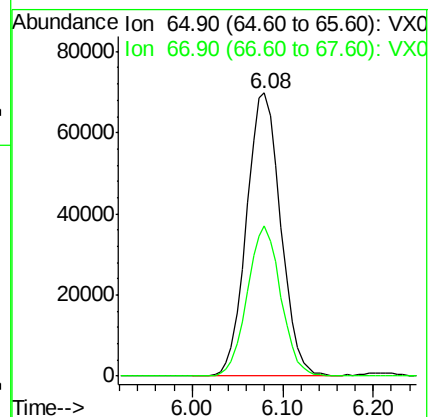
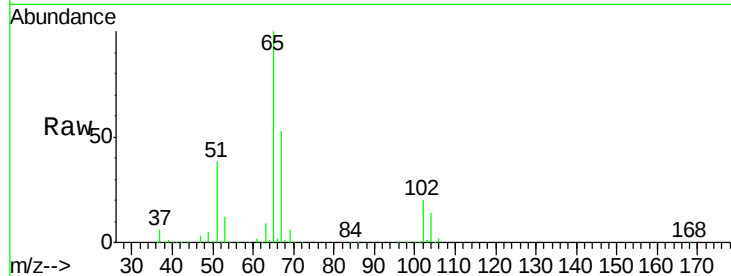
VX0503WBSD01

Tgt Ion: 65 Resp: 181933

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

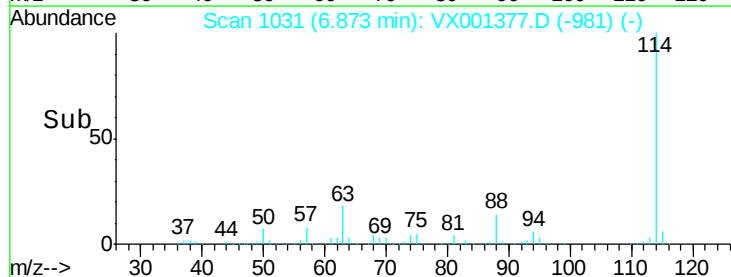
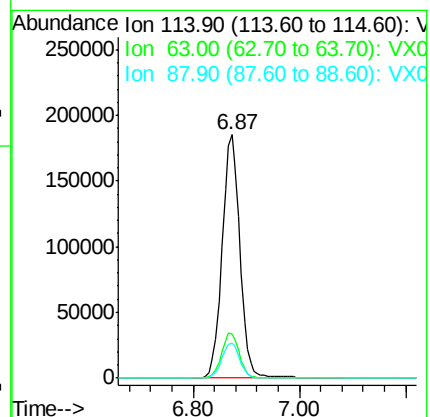
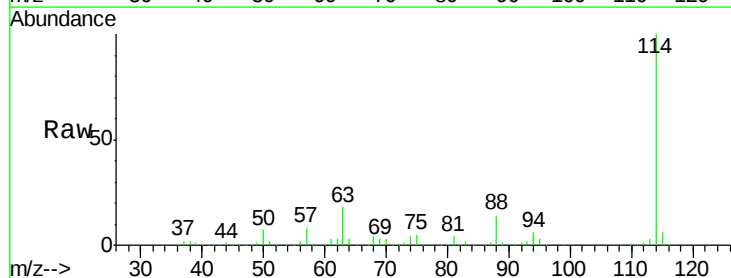
Tgt Ion: 114 Resp: 432282

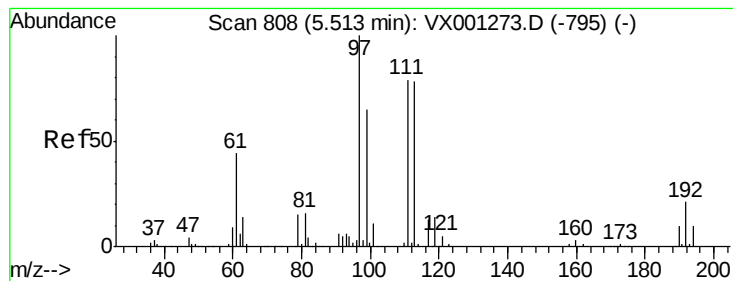
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 14.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 42.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

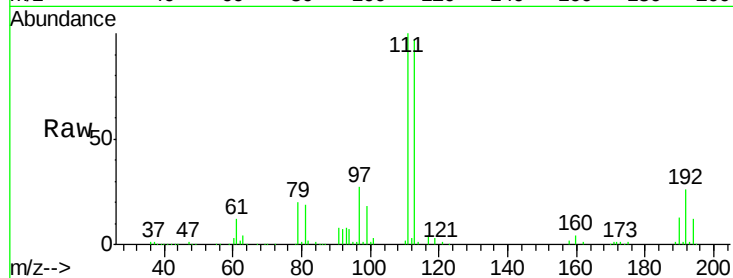
Tgt Ion:113 Resp: 156597

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

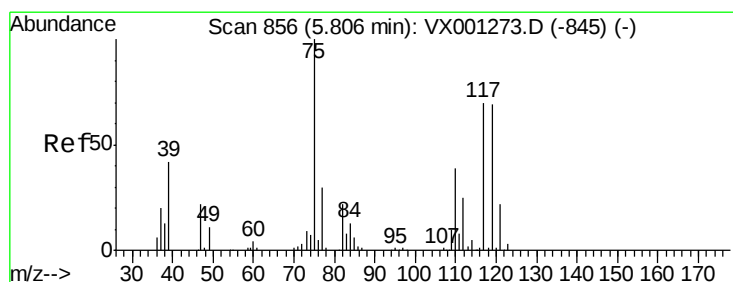
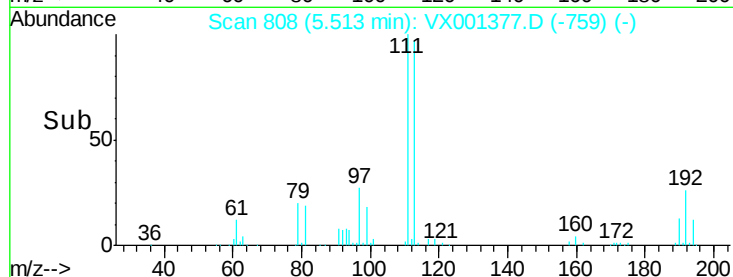
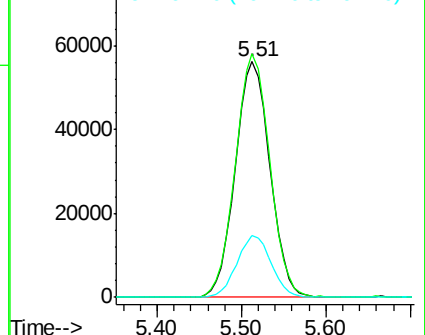
192 26.1 20.7 31.1



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: 8.68 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

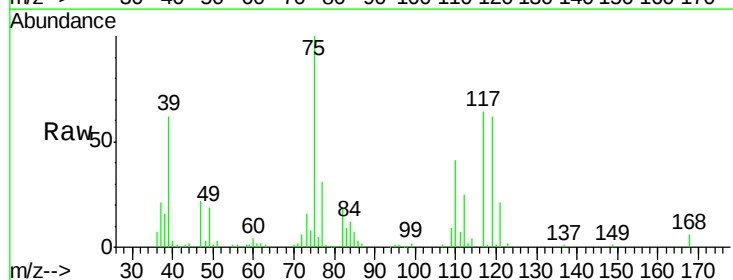
Tgt Ion: 75 Resp: 43286

Ion Ratio Lower Upper

75 100

110 38.5 18.9 56.9

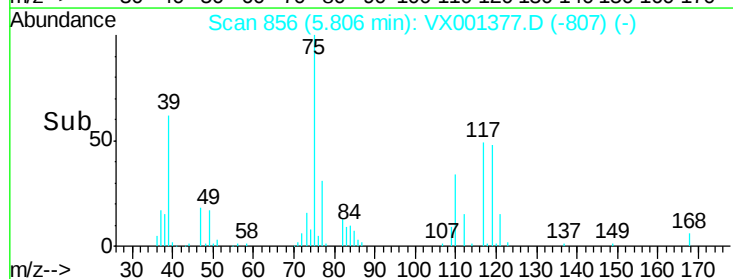
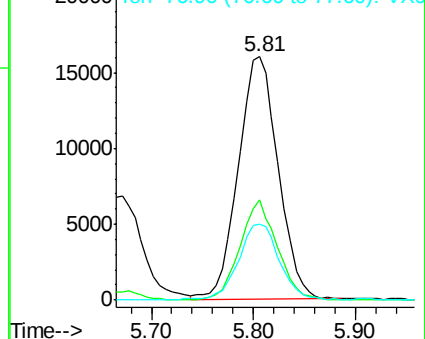
77 32.6 24.2 36.2

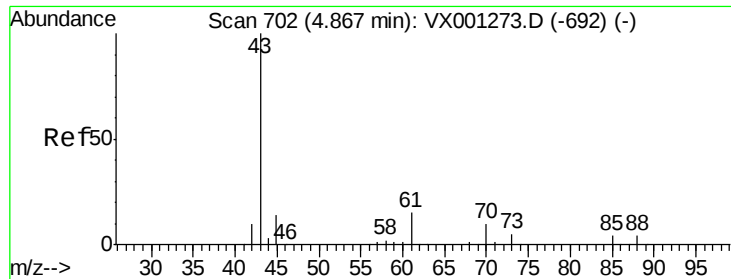


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

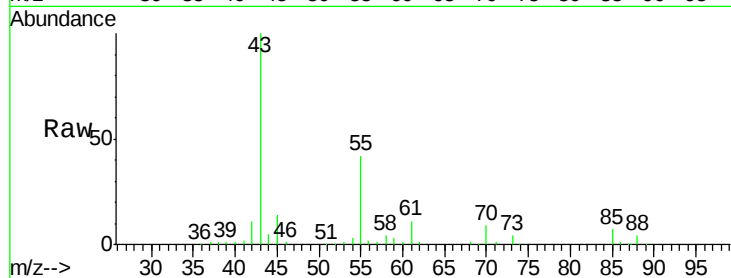




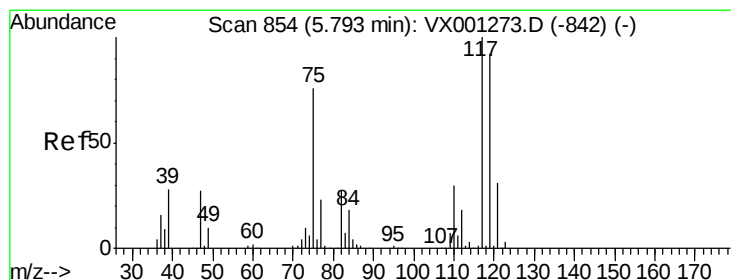
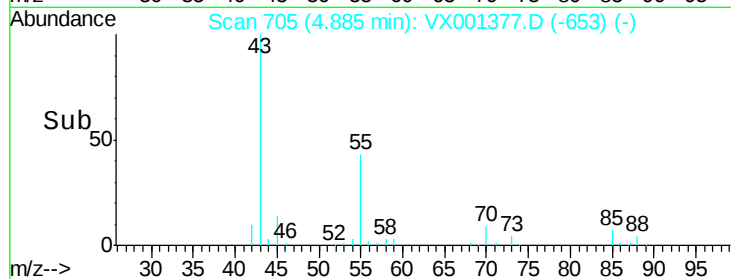
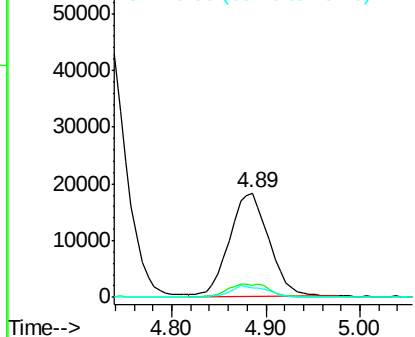
#37
Ethyl Acetate
Concen: 10.55 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.02 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion: 43 Resp: 53137
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.4 8.0 12.0

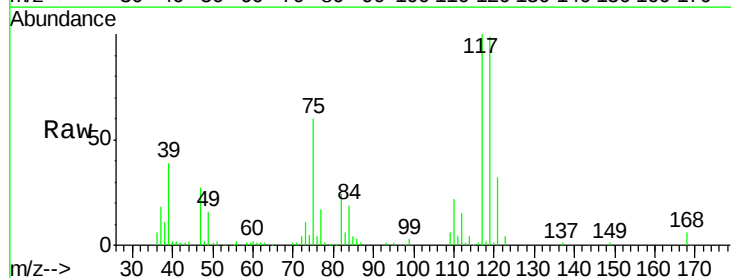


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

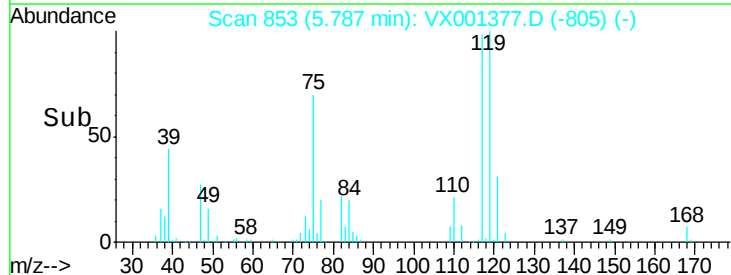
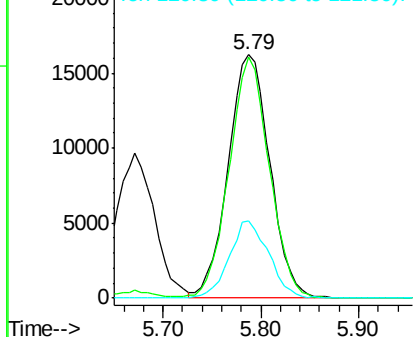


#38
Carbon Tetrachloride
Concen: 9.19 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 117 Resp: 48022
Ion Ratio Lower Upper
117 100
119 99.2 73.4 110.2
121 31.5 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

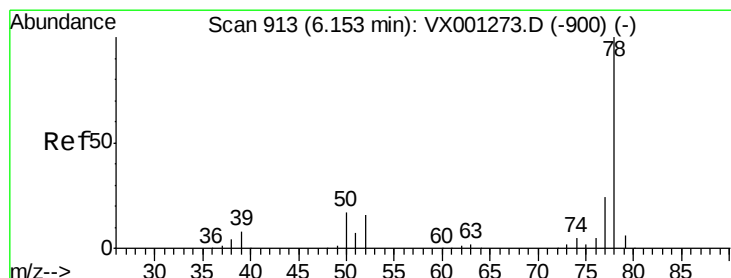
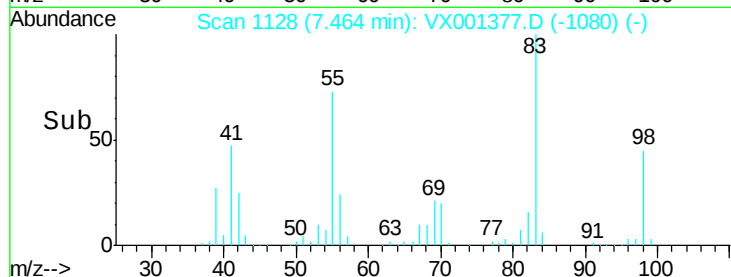
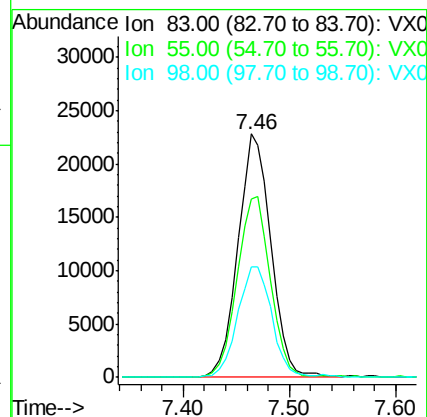
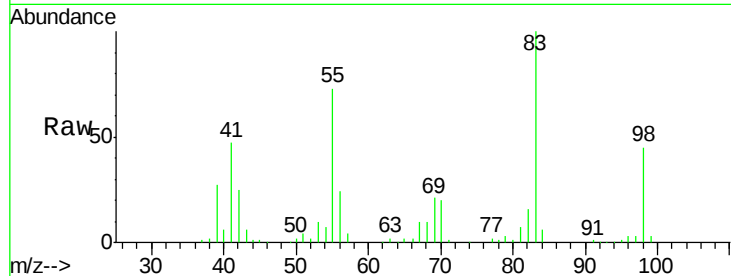




#39
Methylcyclohexane
Concen: 8.42 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

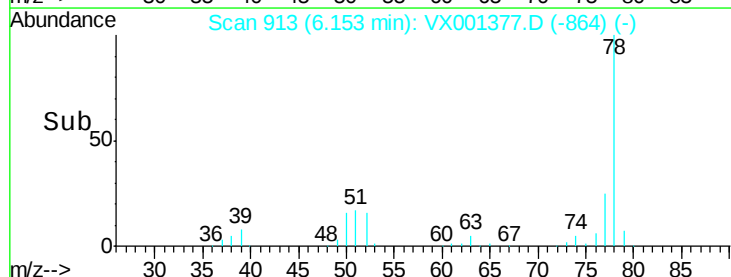
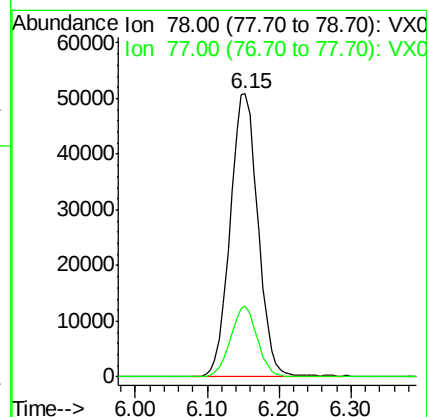
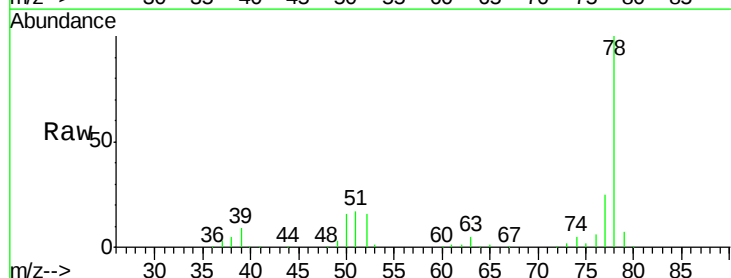
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

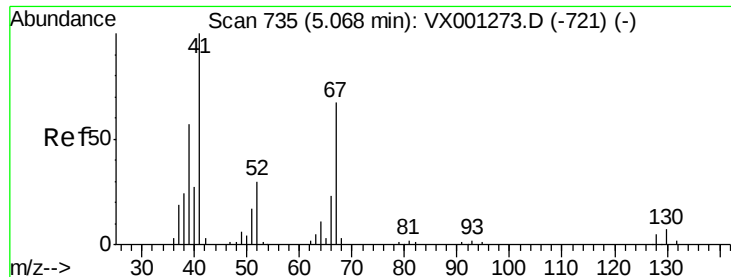
Tgt Ion: 83 Resp: 49682
Ion Ratio Lower Upper
83 100
55 73.5 60.4 90.6
98 45.4 37.0 55.6



#40
Benzene
Concen: 9.53 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 78 Resp: 136841
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4





#41

Methacrylonitrile

Concen: 10.29 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 41 Resp: 30195

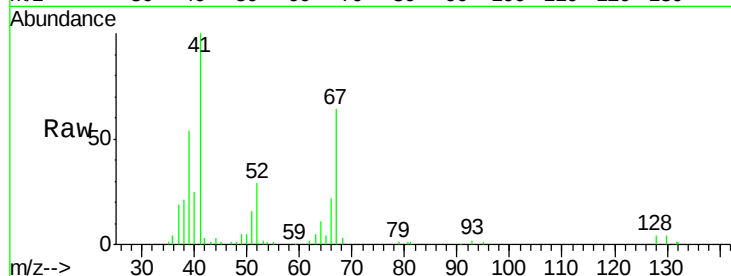
Ion Ratio Lower Upper

41 100

39 57.5 45.8 68.8

67 70.1 54.8 82.2

52 31.4 24.6 37.0

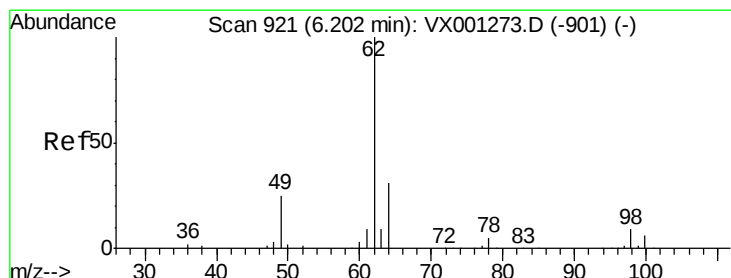
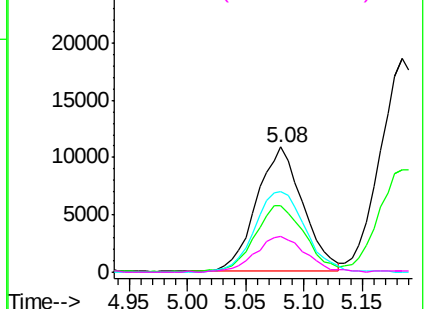
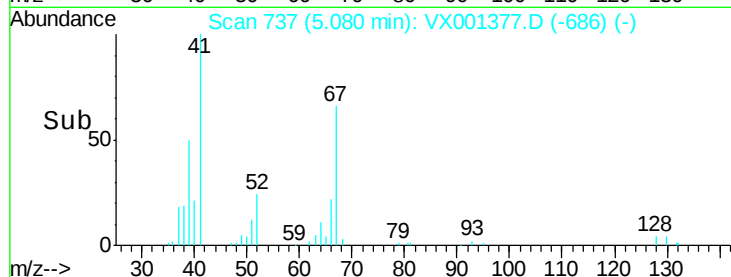


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 9.44 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001377.D

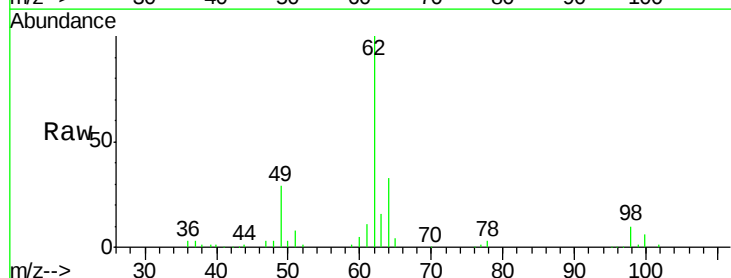
Acq: 03 May 2018 23:21

Tgt Ion: 62 Resp: 52441

Ion Ratio Lower Upper

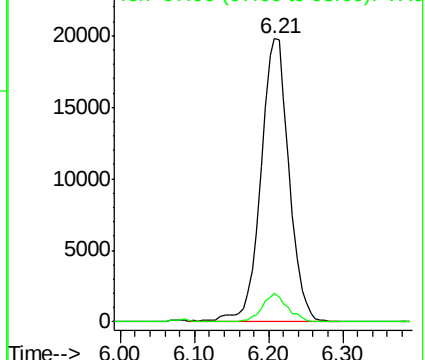
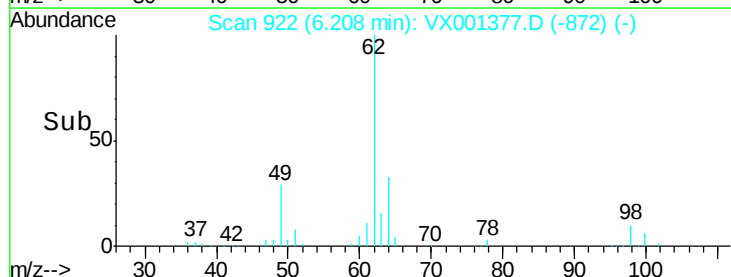
62 100

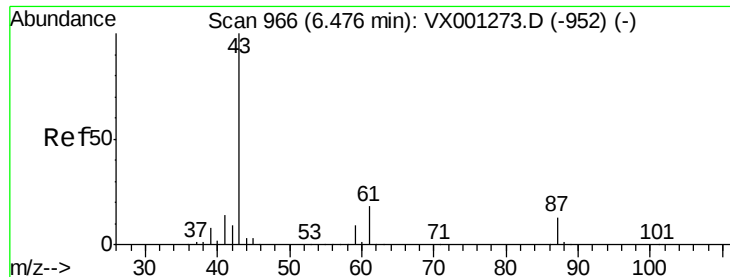
98 8.9 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 10.27 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

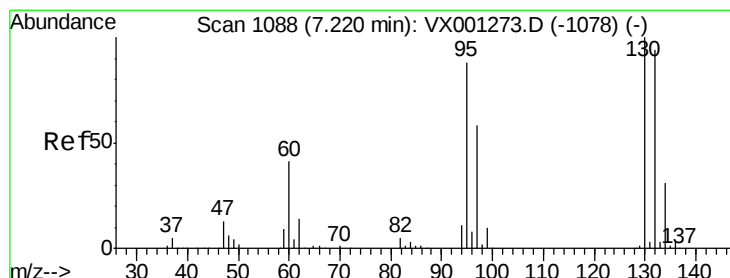
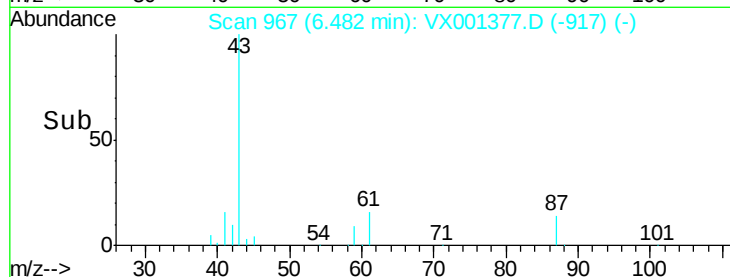
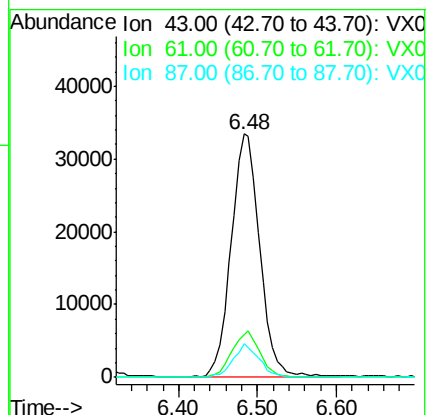
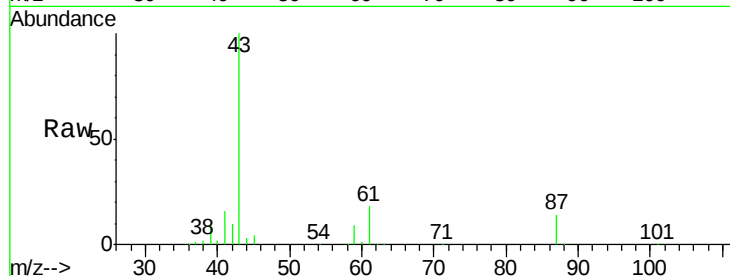
Tgt Ion: 43 Resp: 83752

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

87 12.6 10.2 15.4



#44

Trichloroethene

Concen: 9.80 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001377.D

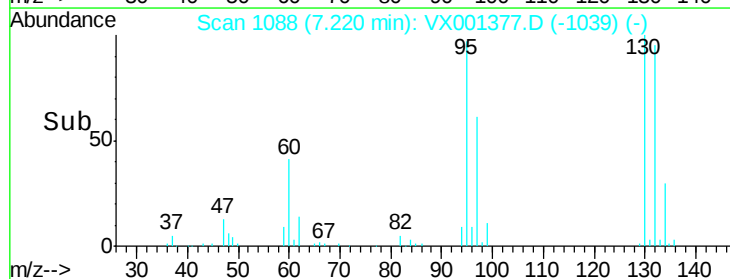
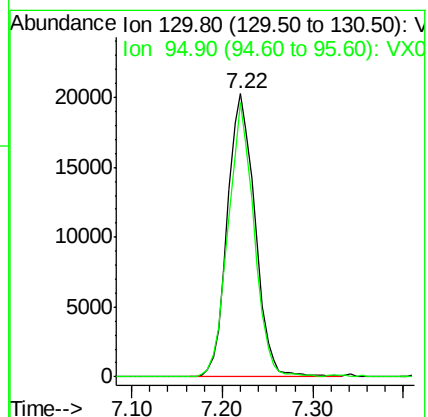
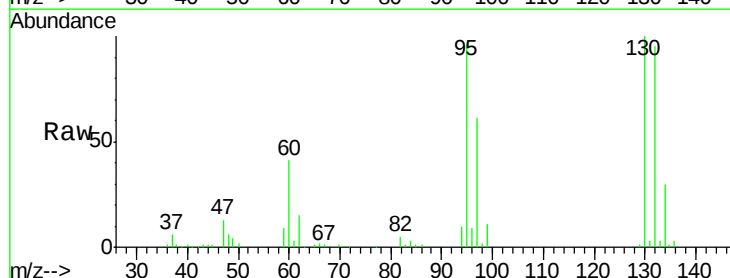
Acq: 03 May 2018 23:21

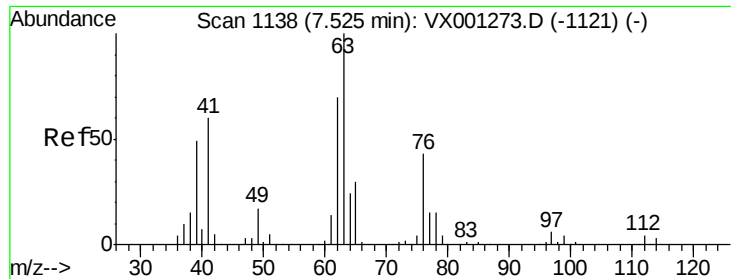
Tgt Ion: 130 Resp: 43040

Ion Ratio Lower Upper

130 100

95 97.1 0.0 176.0

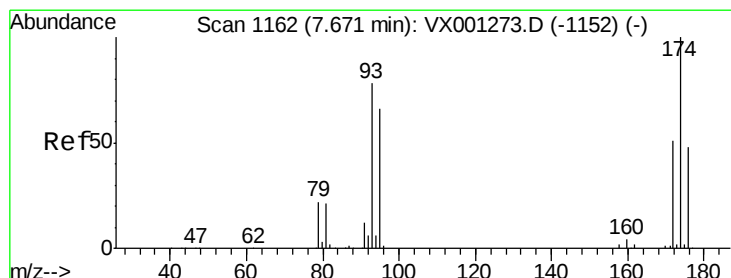
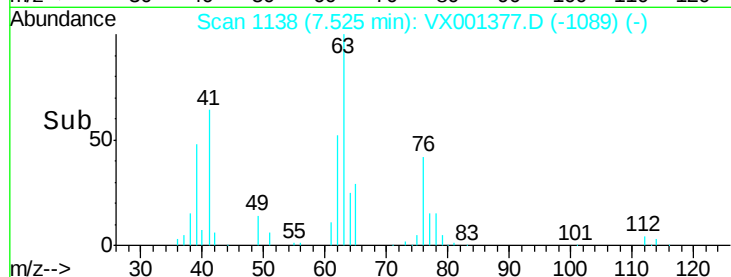
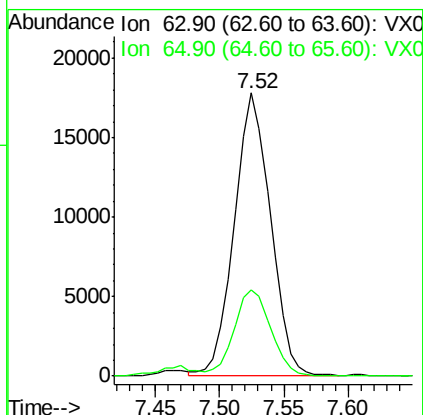
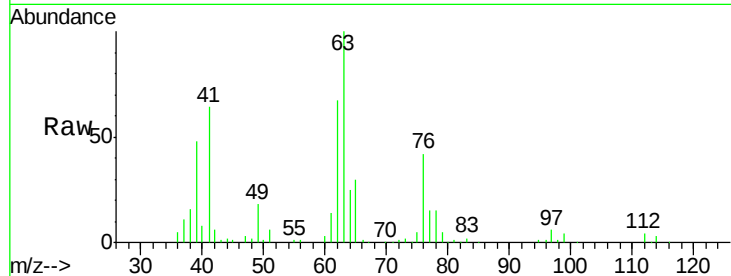




#45
 1,2-Dichloropropane
 Concen: 9.39 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

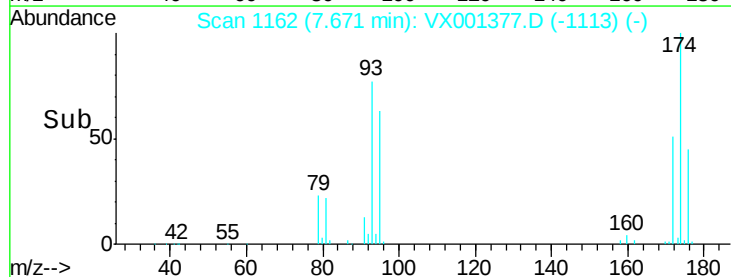
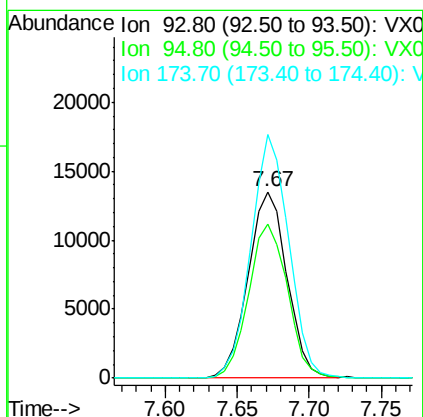
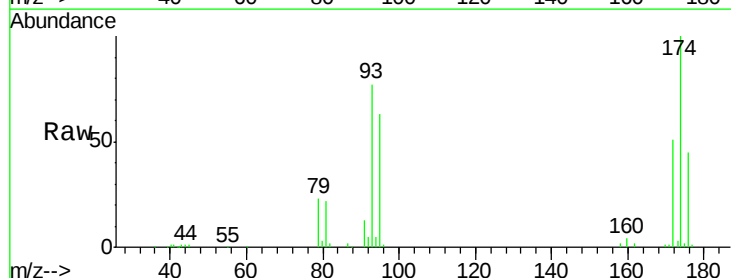
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

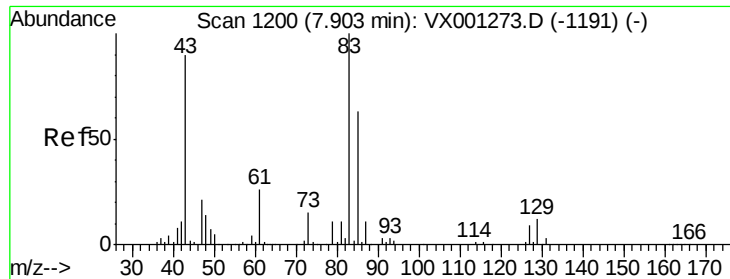
Tgt Ion: 63 Resp: 34614
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.4



#46
 Dibromomethane
 Concen: 9.77 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion: 93 Resp: 25229
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 126.9 102.3 153.5





#47

Bromodichloromethane

Concen: 9.44 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

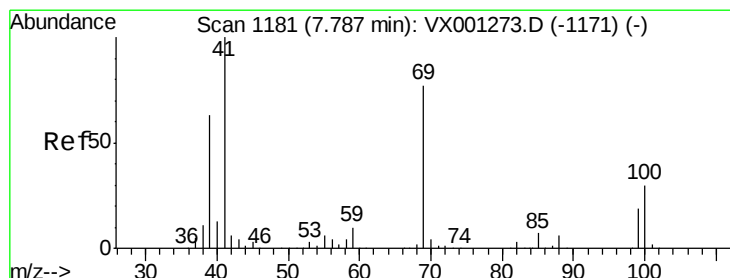
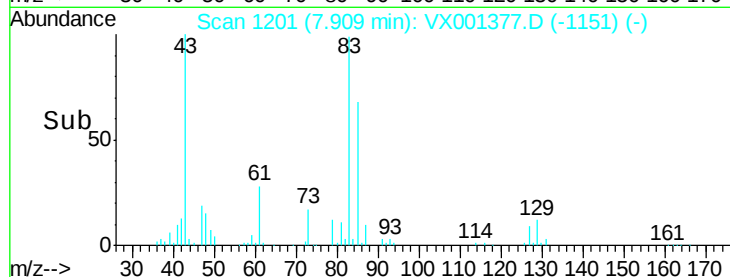
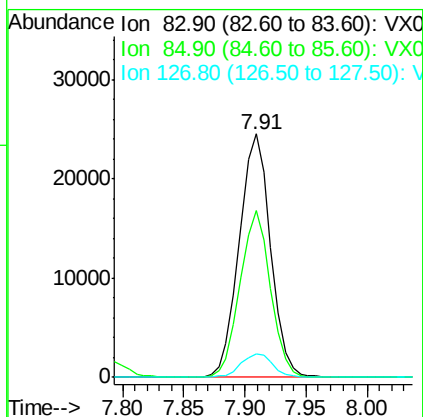
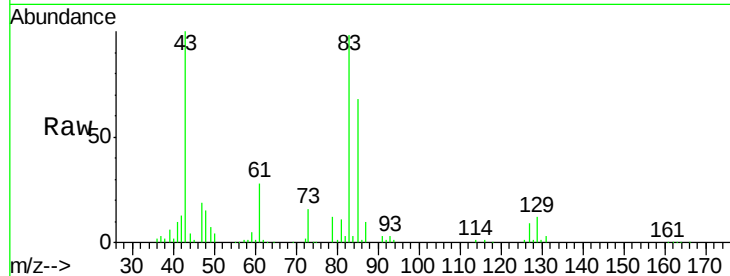
Tgt Ion: 83 Resp: 43593

Ion Ratio Lower Upper

83 100

85 68.7 50.3 75.5

127 9.5 7.4 11.2



#48

Methyl methacrylate

Concen: 9.96 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

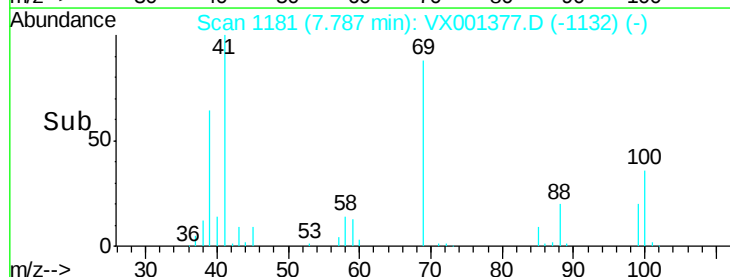
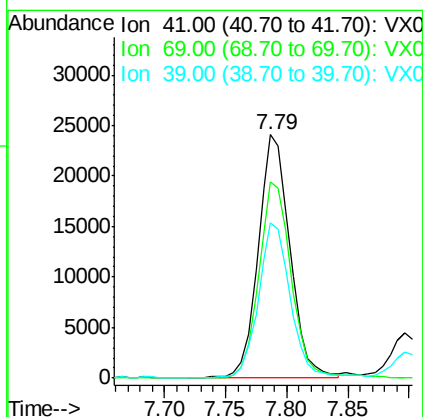
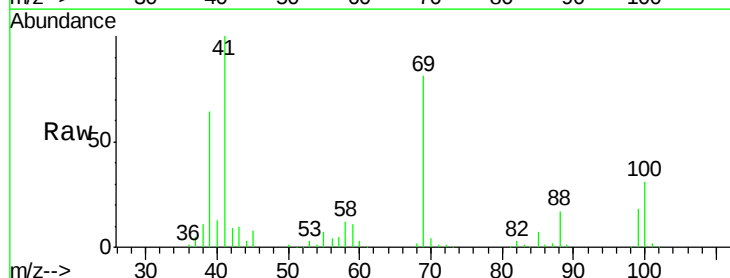
Tgt Ion: 41 Resp: 43175

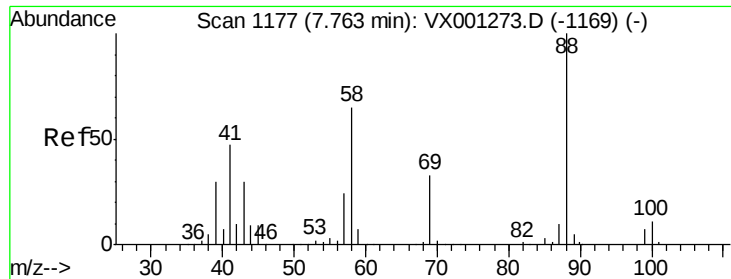
Ion Ratio Lower Upper

41 100

69 83.3 63.0 94.6

39 65.5 50.2 75.4

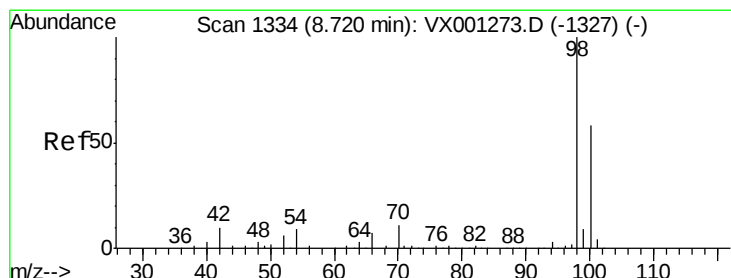
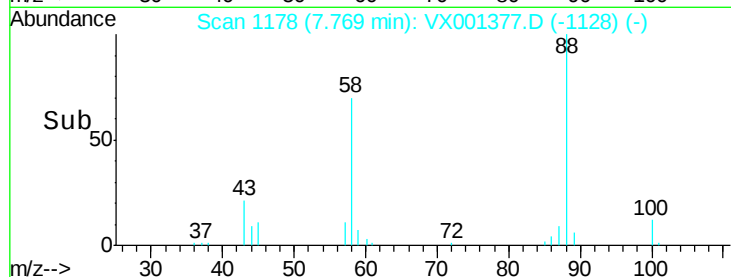
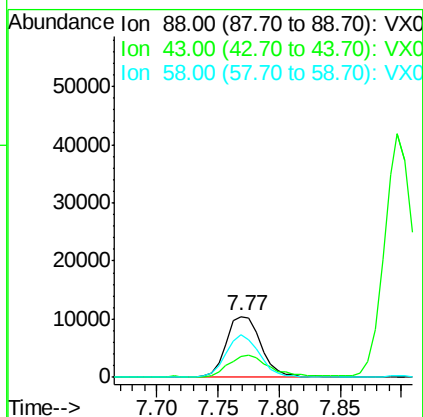
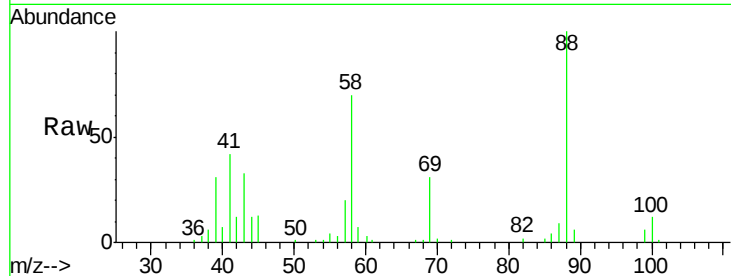




#49
1,4-Dioxane
Concen: 251.83 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

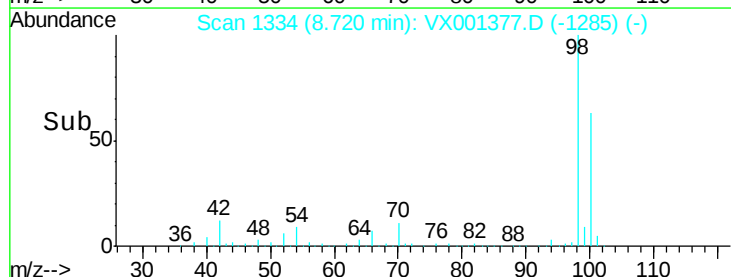
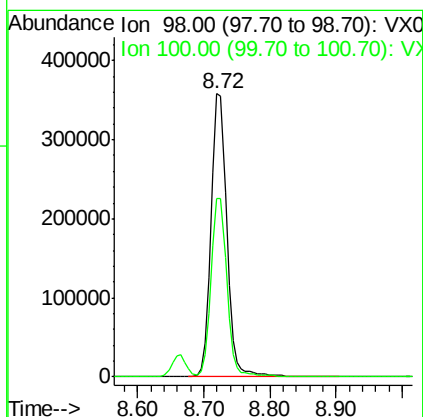
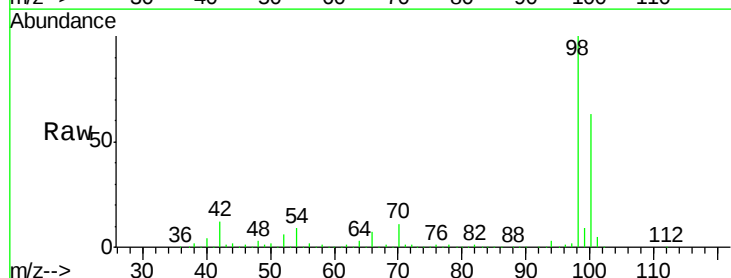
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

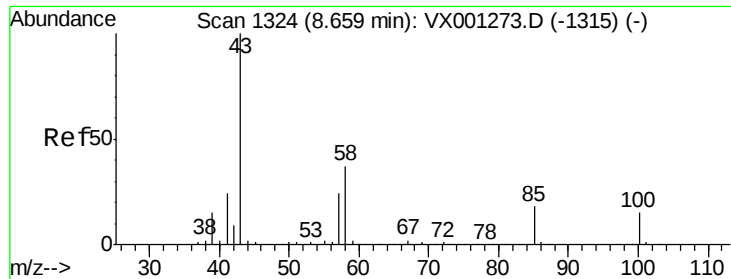
Tgt Ion: 88 Resp: 20605
Ion Ratio Lower Upper
88 100
43 41.6 27.9 41.9
58 68.8 54.2 81.2



#50
Toluene-d8
Concen: 44.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 98 Resp: 591608
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 56.77 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

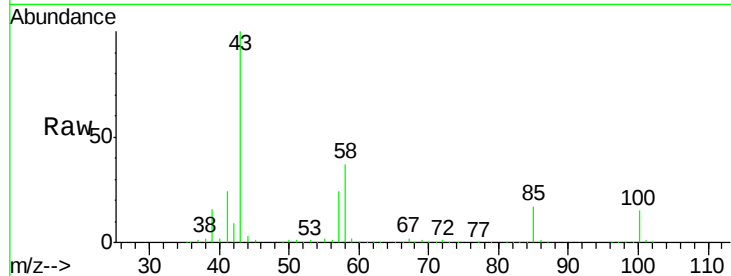
VX0503WBSD01

Tgt Ion: 43 Resp: 298513

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

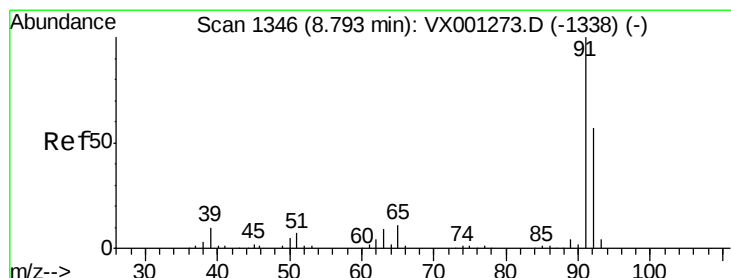
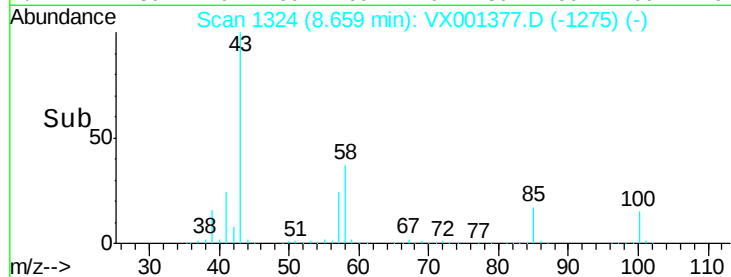
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 9.46 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001377.D

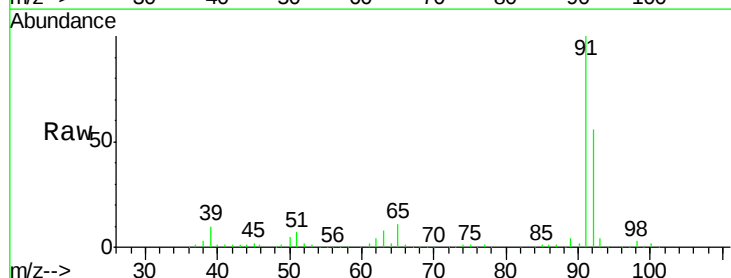
Acq: 03 May 2018 23:21

Tgt Ion: 92 Resp: 88719

Ion Ratio Lower Upper

92 100

91 177.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

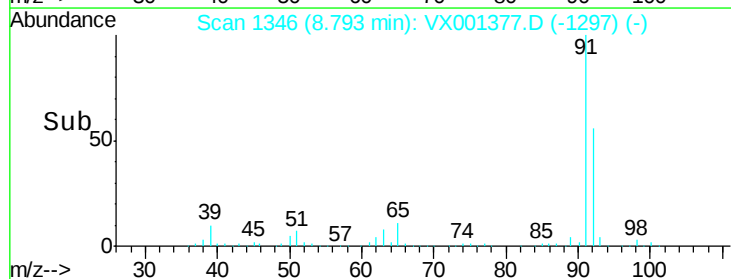
60000

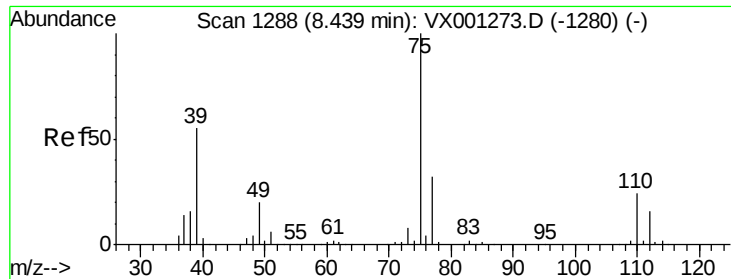
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 8.60 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

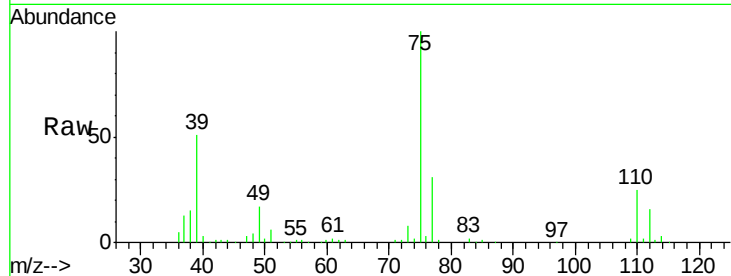
VX0503WBSD01

Tgt Ion: 75 Resp: 47260

Ion Ratio Lower Upper

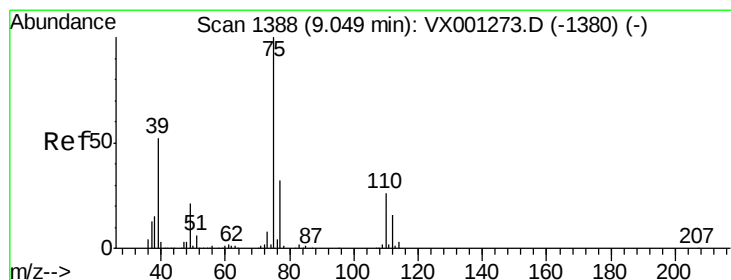
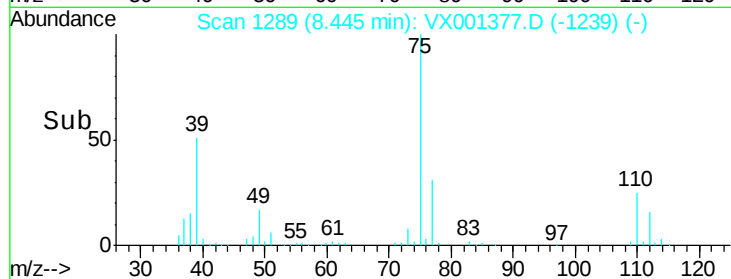
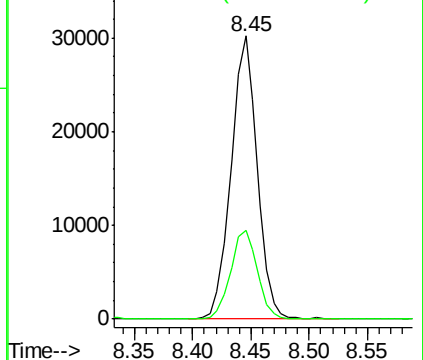
75 100

77 31.4 25.6 38.4



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: 8.39 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

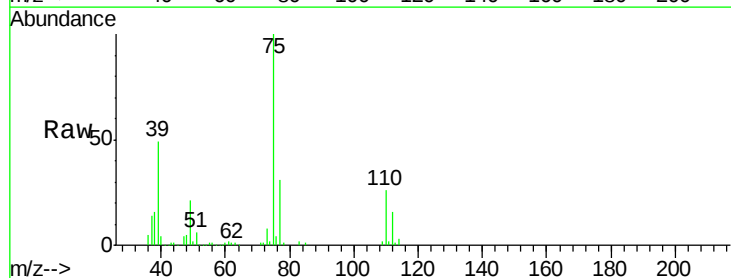
Tgt Ion: 75 Resp: 42387

Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

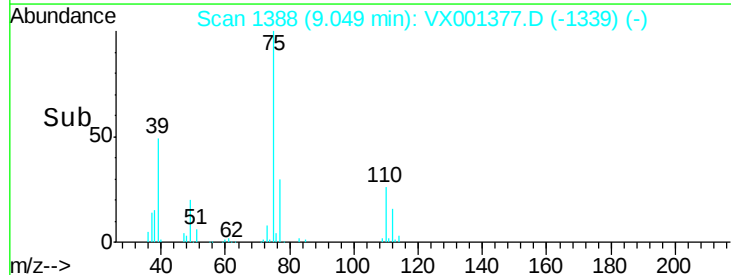
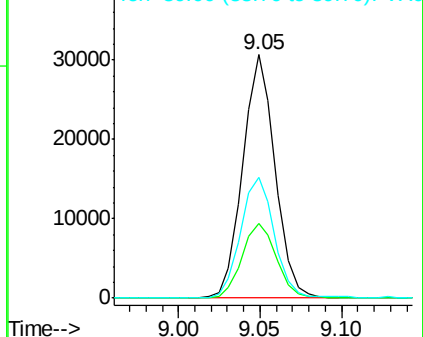
39 49.3 41.9 62.9

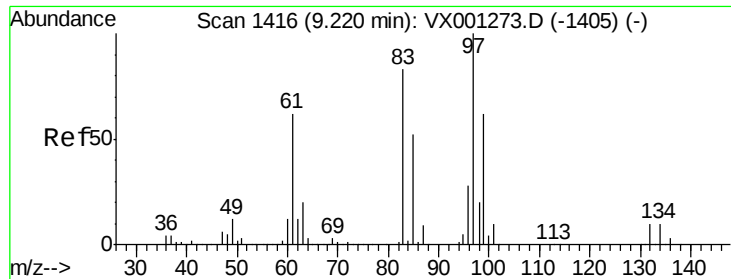


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

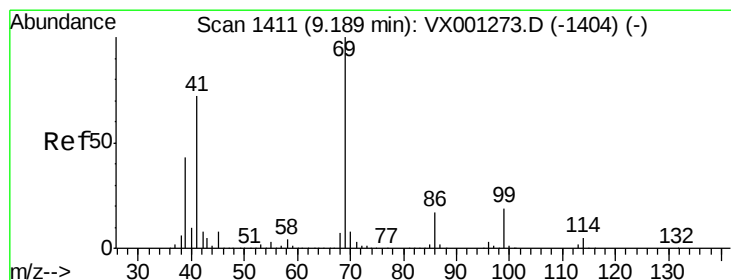
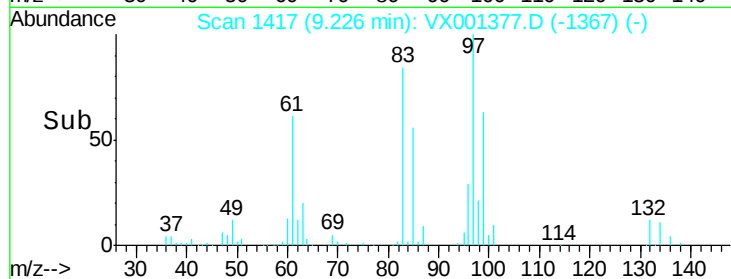
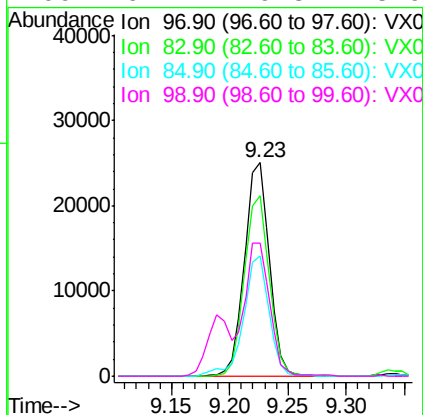
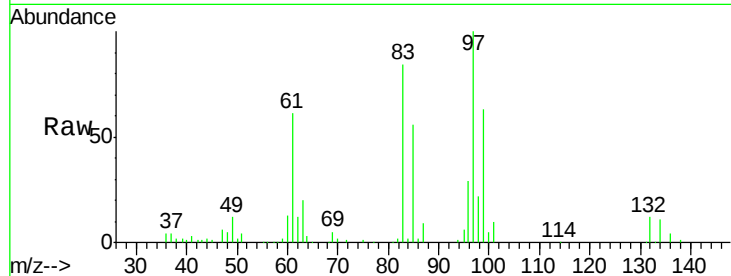




#55
 1,1,2-Trichloroethane
 Concen: 9.90 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

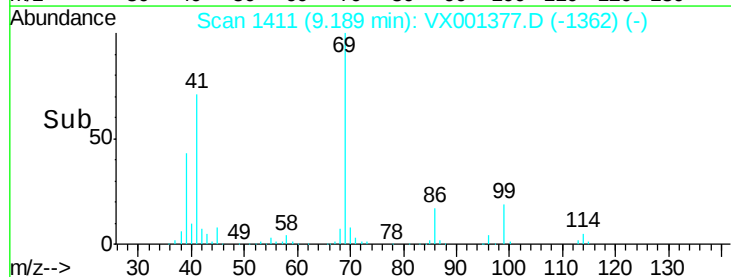
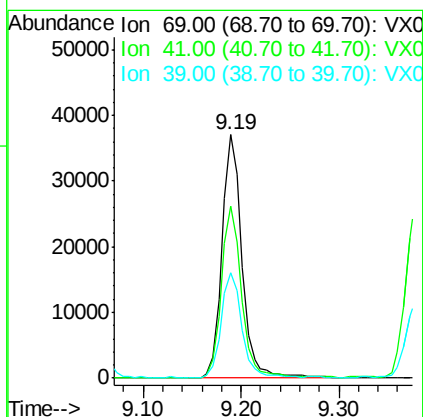
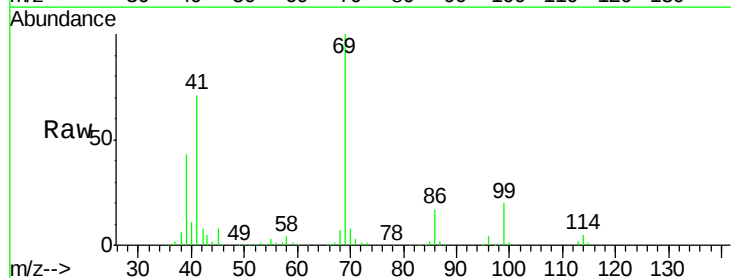
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

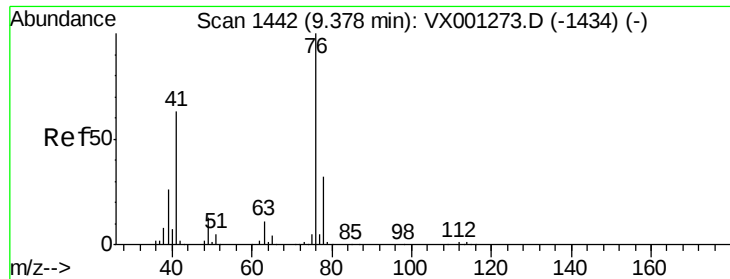
Tgt Ion:	97	Resp:	37535
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.4	99.6
85	56.2	41.6	62.4
99	62.4	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 10.02 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion:	69	Resp:	52625
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.2	85.8
39	44.2	34.3	51.5





#57

1,3-Dichloropropane

Concen: 9.81 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

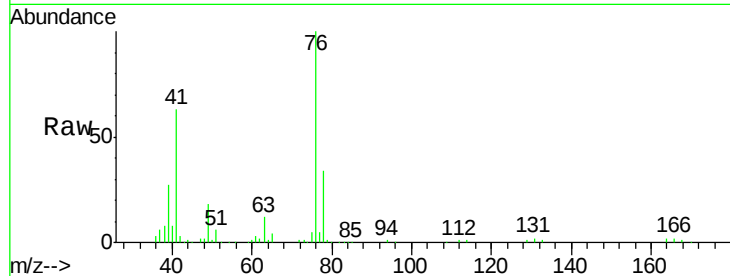
VX0503WBSD01

Tgt Ion: 76 Resp: 59783

Ion Ratio Lower Upper

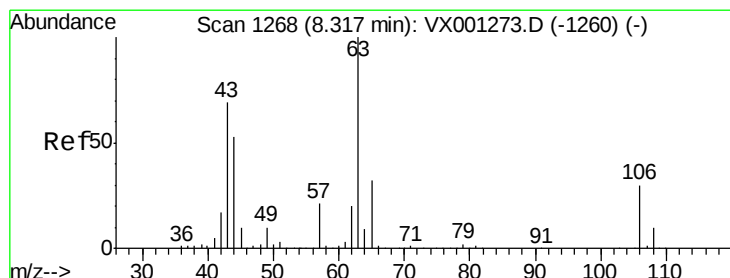
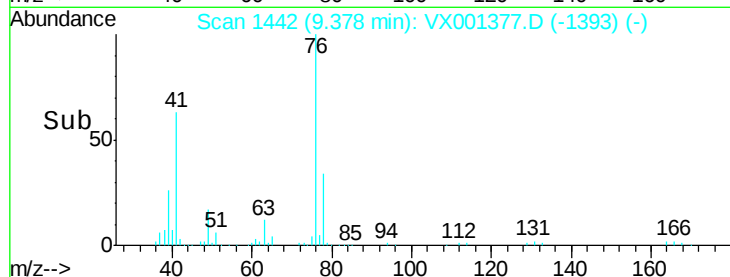
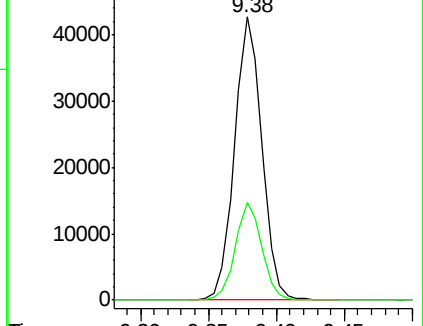
76 100

78 33.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 53.37 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001377.D

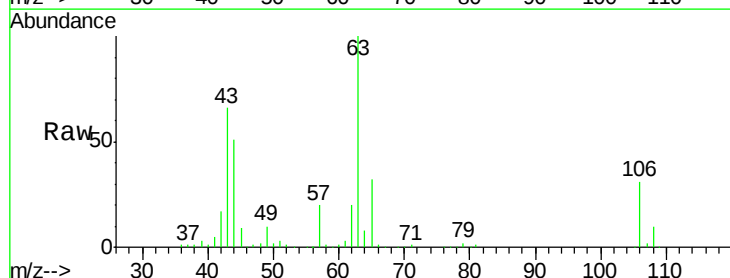
Acq: 03 May 2018 23:21

Tgt Ion: 63 Resp: 135213

Ion Ratio Lower Upper

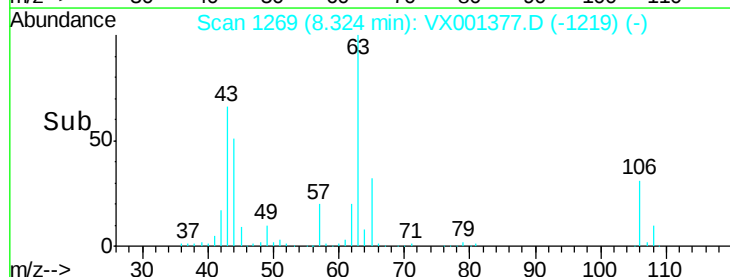
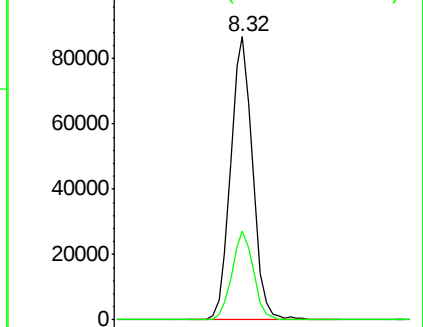
63 100

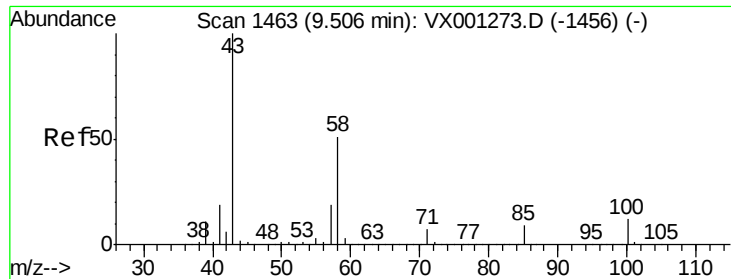
106 30.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

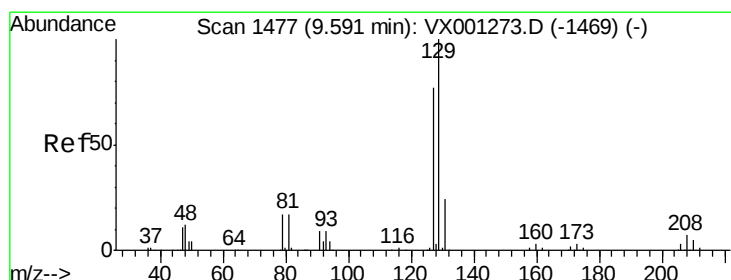
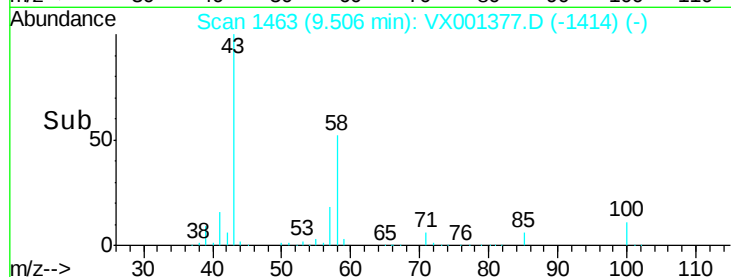
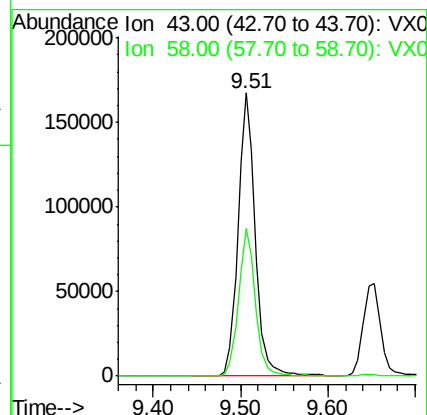
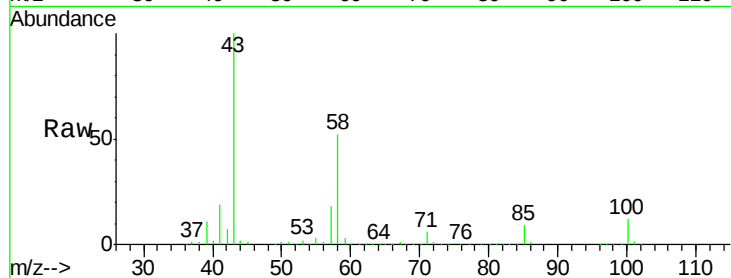




#59
2-Hexanone
Concen: 55.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

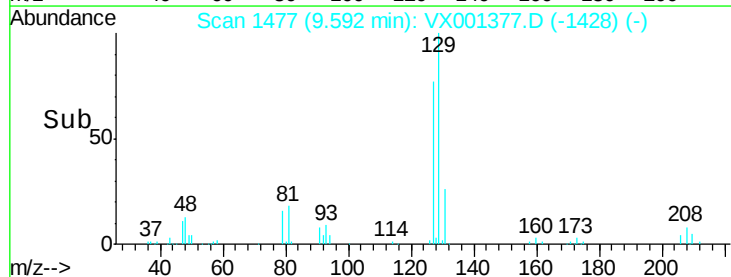
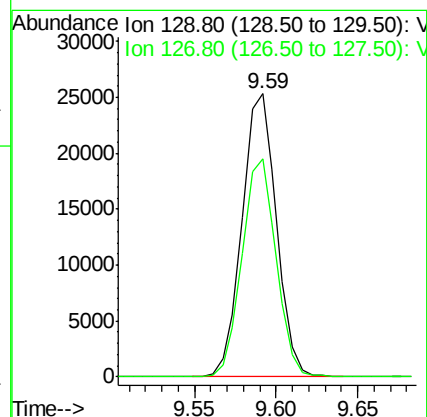
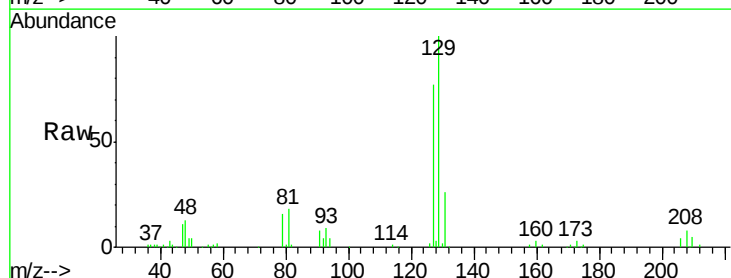
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

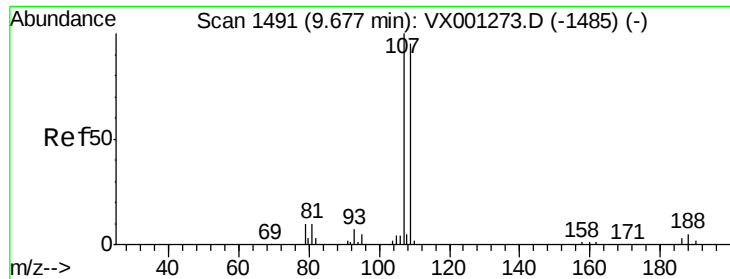
Tgt Ion: 43 Resp: 229923
Ion Ratio Lower Upper
43 100
58 51.8 25.7 77.0



#60
Dibromochloromethane
Concen: 9.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion: 129 Resp: 37228
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3





#61

1,2-Dibromoethane

Concen: 10.08 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

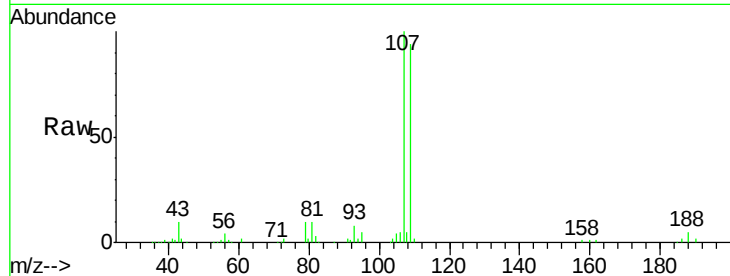
VX0503WBSD01

Tgt Ion: 107 Resp: 40479

Ion Ratio Lower Upper

107 100

109 93.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

30000

25000

20000

15000

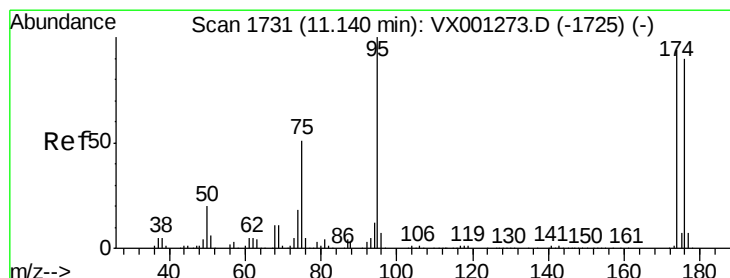
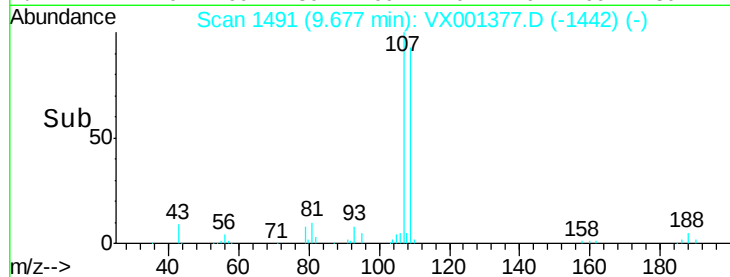
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 39.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

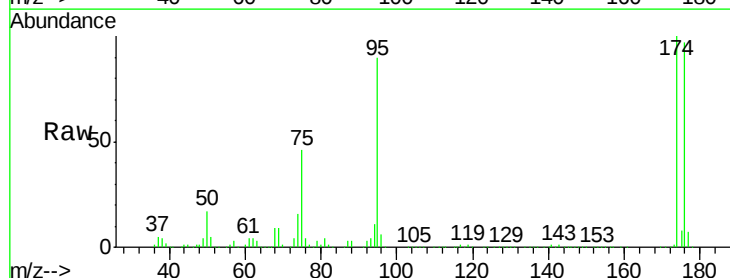
Tgt Ion: 95 Resp: 210238

Ion Ratio Lower Upper

95 100

174 106.4 0.0 201.8

176 102.7 0.0 197.2



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

11.15

200000

150000

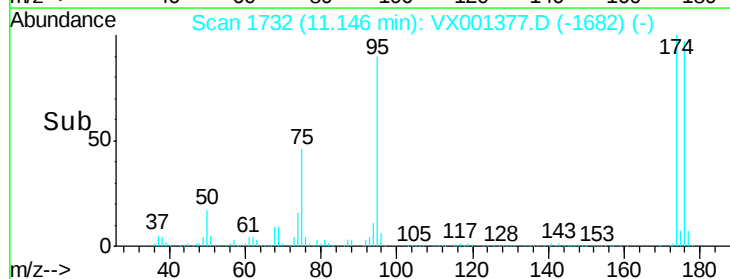
100000

50000

0

Time-->

11.10 11.20

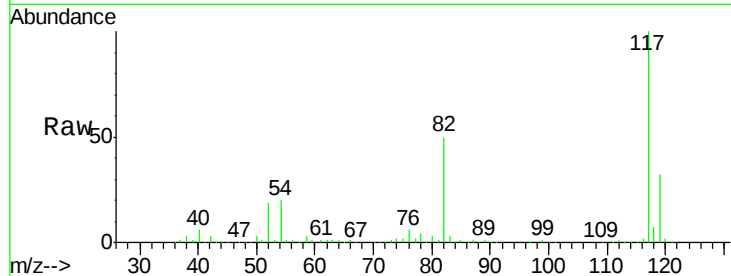




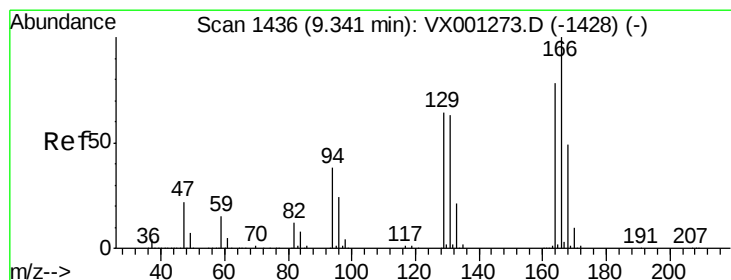
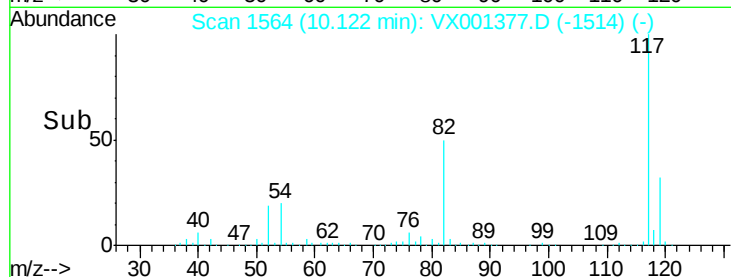
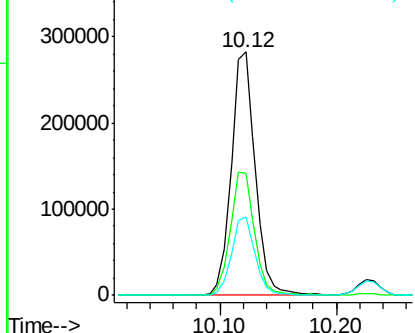
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion:117 Resp: 405154
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.0
119 32.2 25.5 38.3

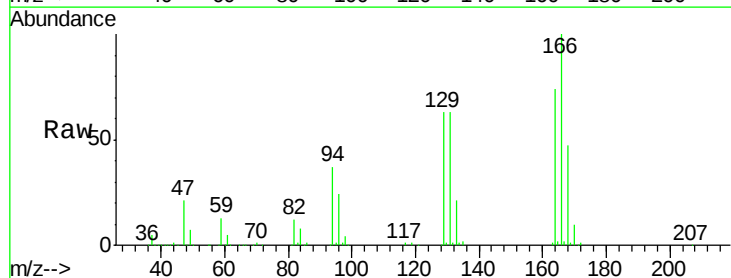


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

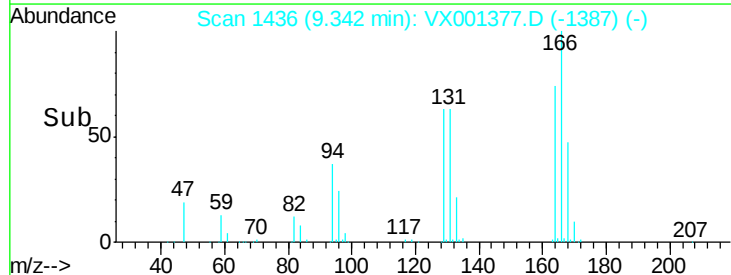
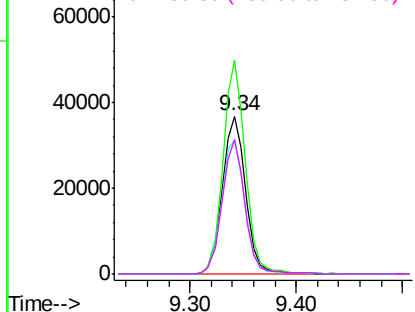


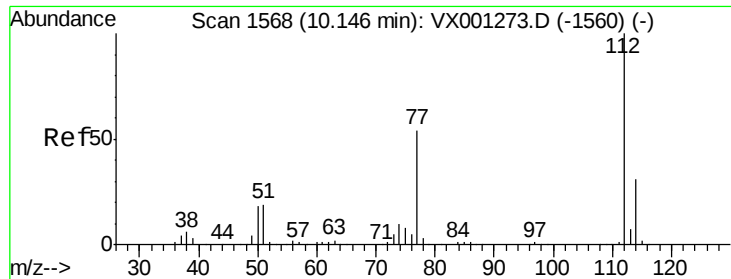
#64
Tetrachloroethene
Concen: 11.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion:164 Resp: 55996
Ion Ratio Lower Upper
164 100
166 135.6 102.3 153.5
129 85.1 65.1 97.7
131 85.2 64.2 96.4



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

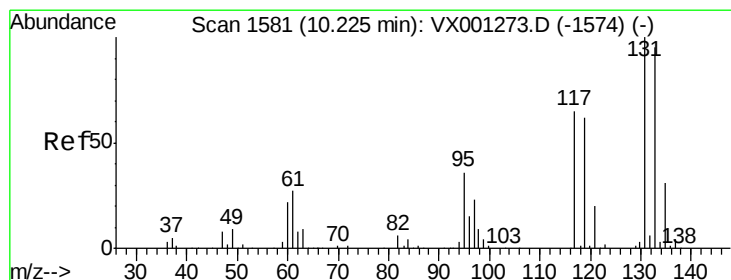
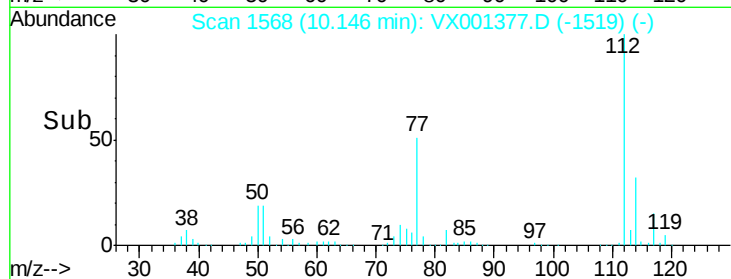
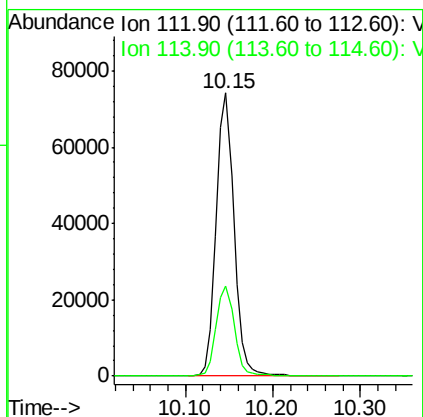
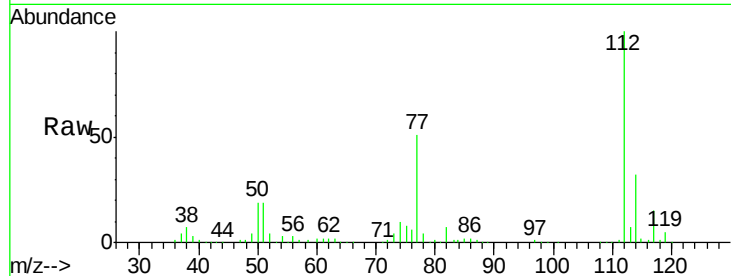




#65
Chlorobenzene
Concen: 9.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

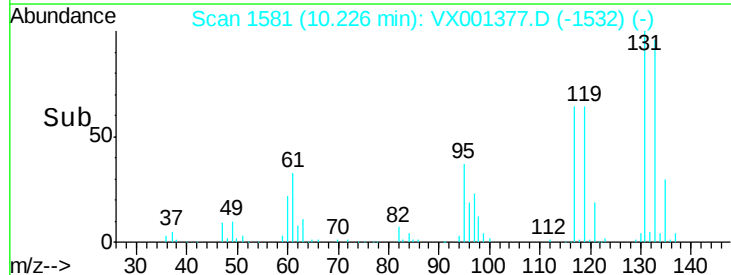
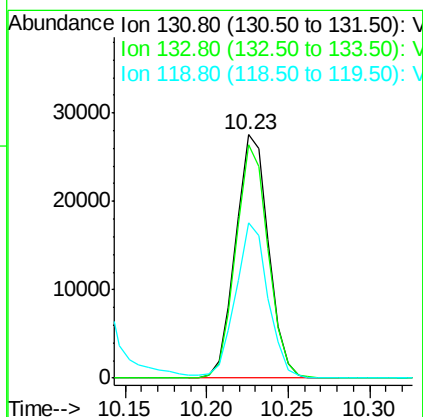
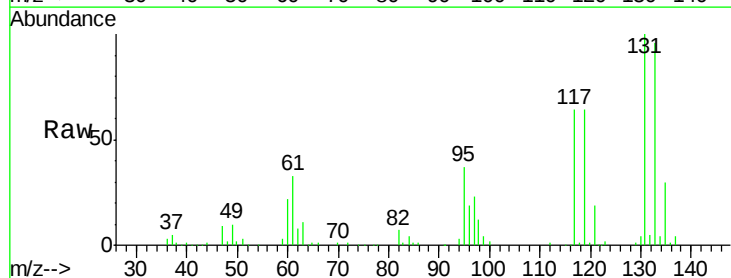
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

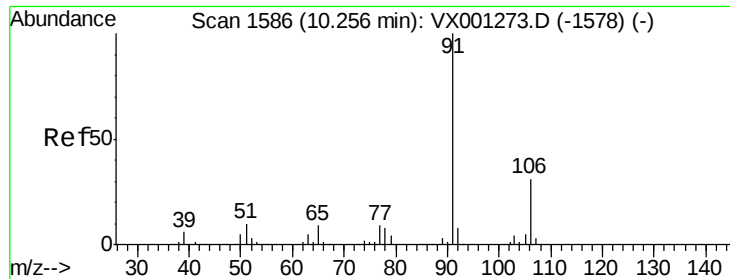
Tgt Ion:112 Resp: 104995
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 10.12 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion:131 Resp: 38707
Ion Ratio Lower Upper
131 100
133 94.0 48.3 144.9
119 63.2 31.2 93.6





#67

Ethyl Benzene

Concen: 9.32 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

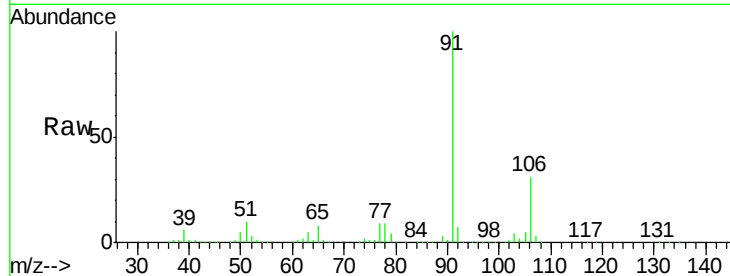
VX0503WBSD01

Tgt Ion: 91 Resp: 169172

Ion Ratio Lower Upper

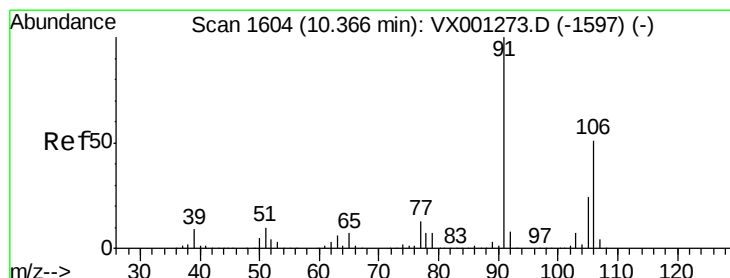
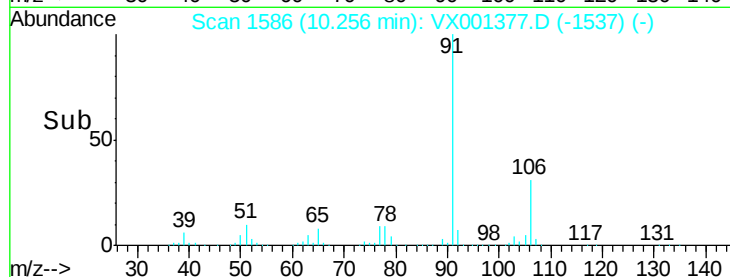
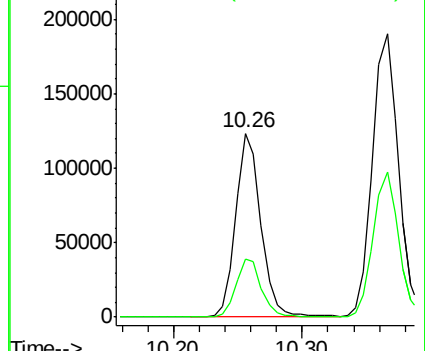
91 100

106 31.3 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 18.70 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001377.D

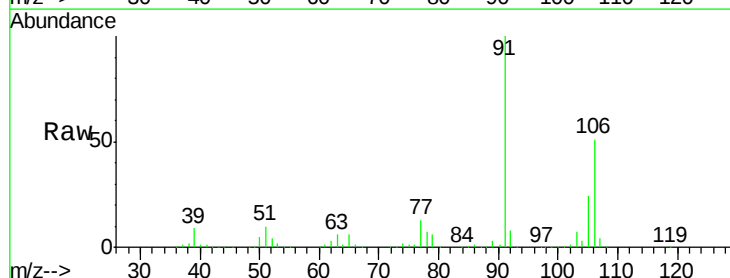
Acq: 03 May 2018 23:21

Tgt Ion: 106 Resp: 133627

Ion Ratio Lower Upper

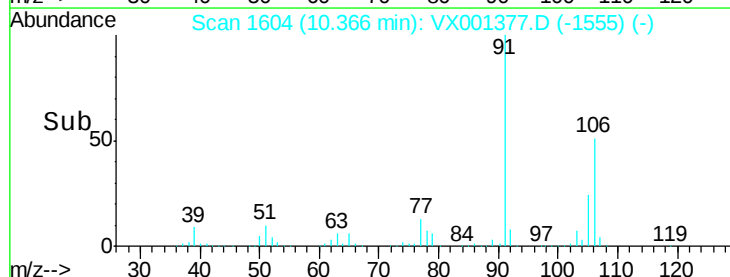
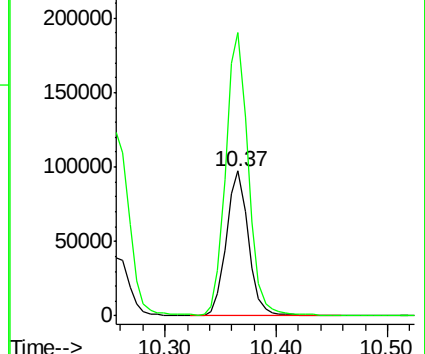
106 100

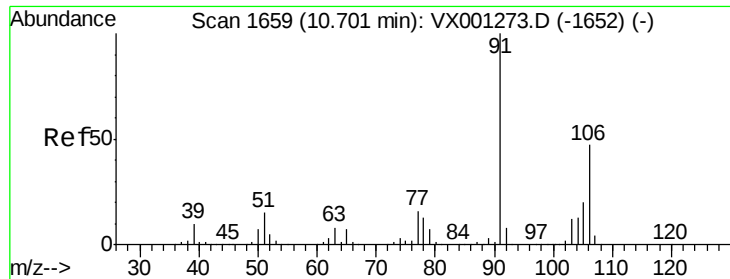
91 200.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

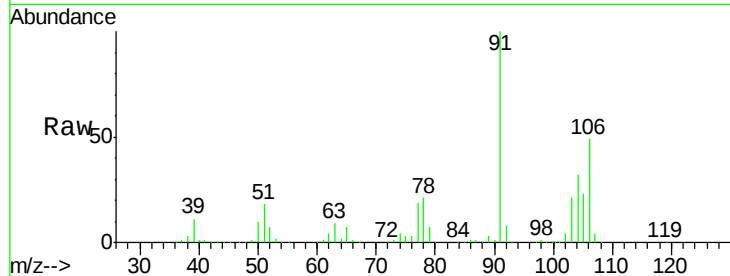




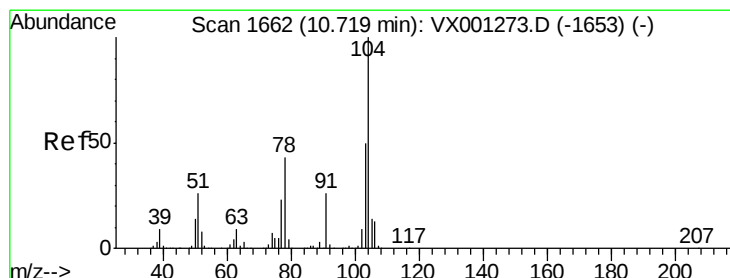
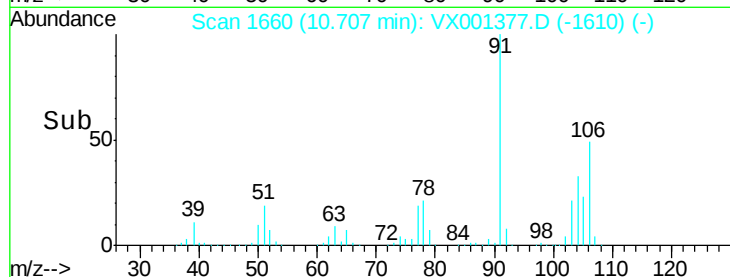
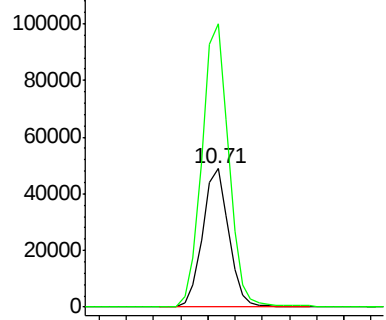
#69
o-Xylene
Concen: 9.45 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion:106 Resp: 65450
Ion Ratio Lower Upper
106 100
91 210.5 106.3 319.0

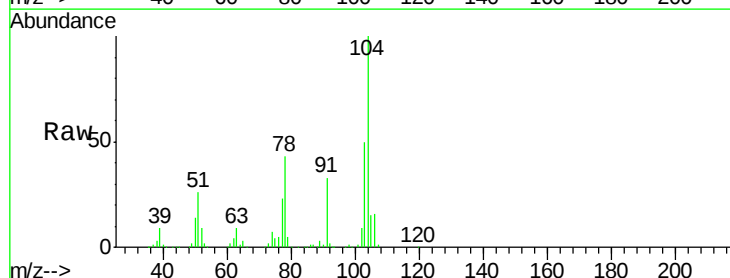


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

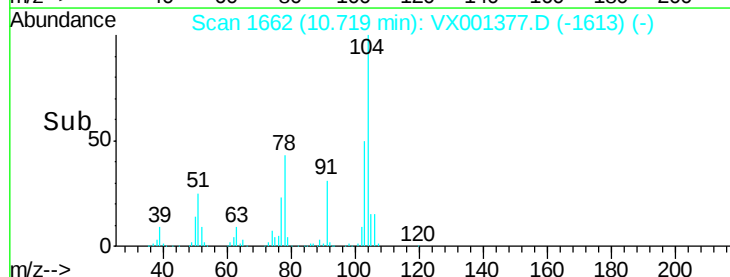
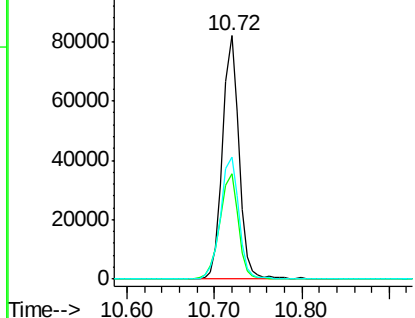


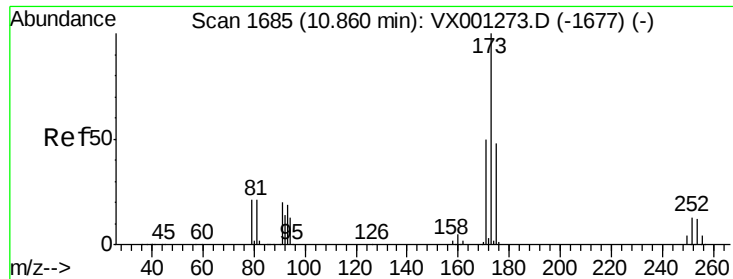
#70
Styrene
Concen: 9.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001377.D
Acq: 03 May 2018 23:21

Tgt Ion:104 Resp: 106372
Ion Ratio Lower Upper
104 100
78 49.0 40.1 60.1
103 56.0 44.5 66.7



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: 11.44 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

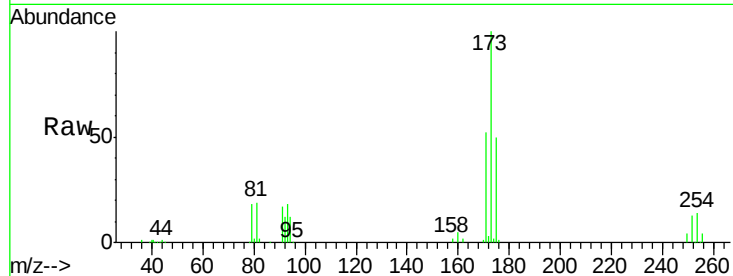
Tgt Ion:173 Resp: 30132

Ion Ratio Lower Upper

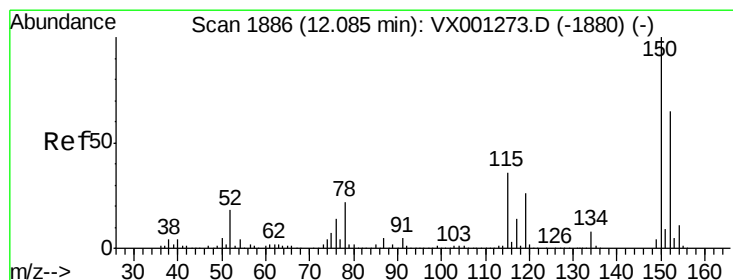
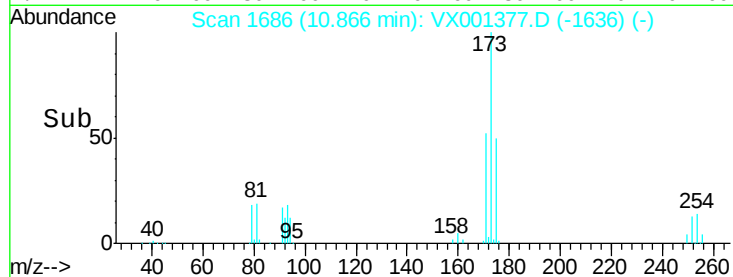
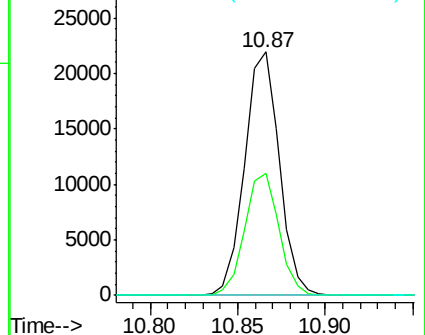
173 100

175 49.2 24.6 74.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

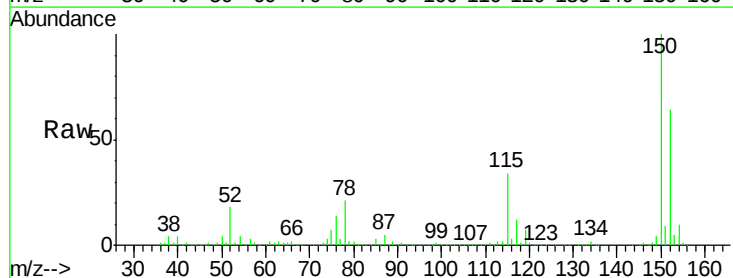
Tgt Ion:152 Resp: 244951

Ion Ratio Lower Upper

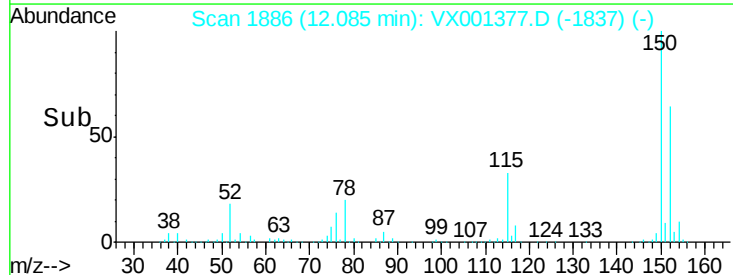
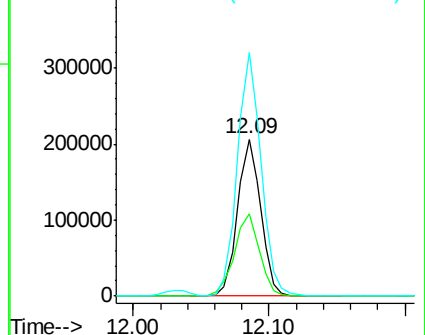
152 100

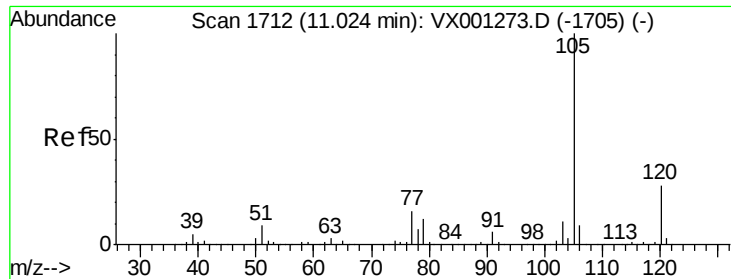
115 57.0 38.6 115.7

150 158.9 0.0 349.2



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: 10.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

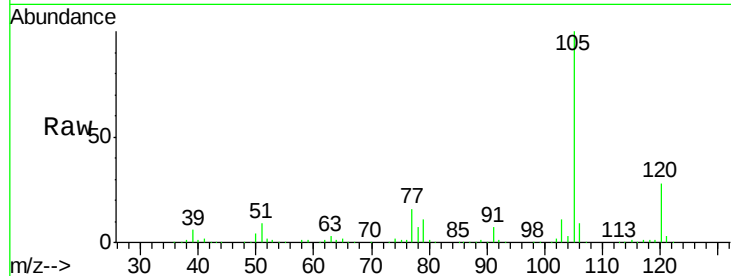
VX0503WBSD01

Tgt Ion: 105 Resp: 175883

Ion Ratio Lower Upper

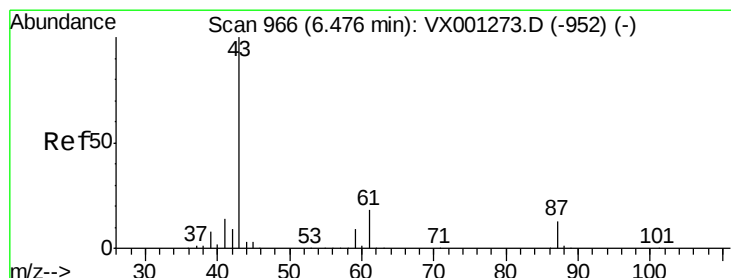
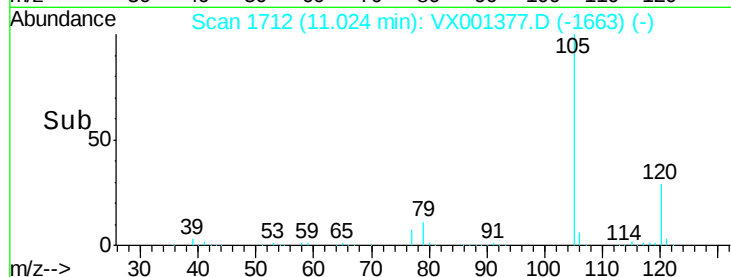
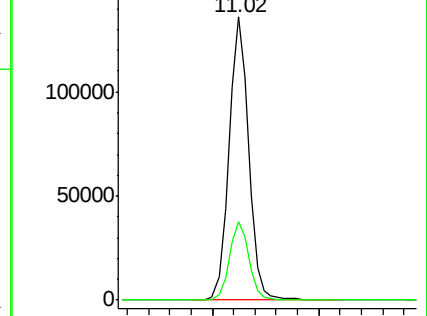
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 11.91 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Tgt Ion: 43 Resp: 83752

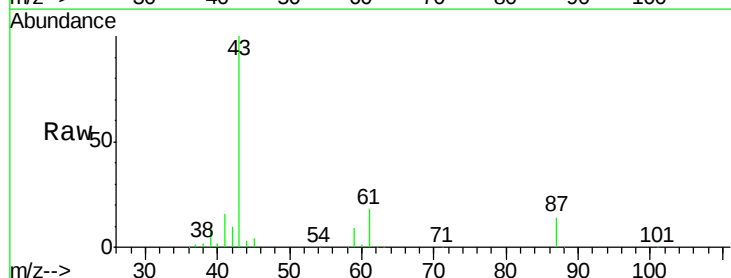
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.6 15.0 22.4

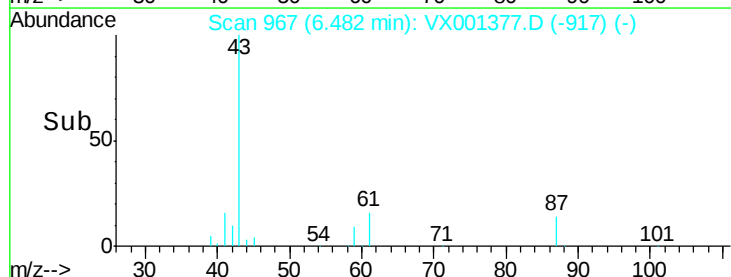
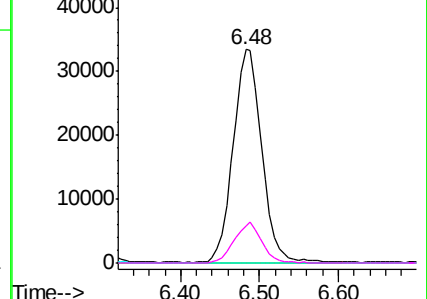


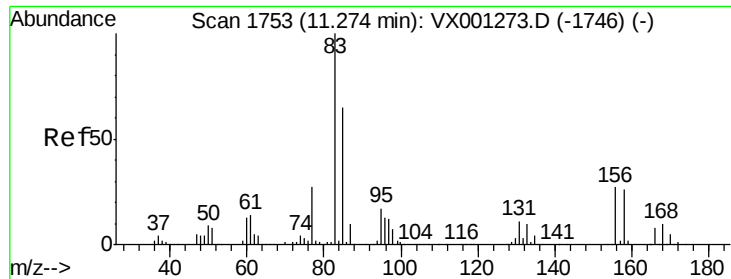
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

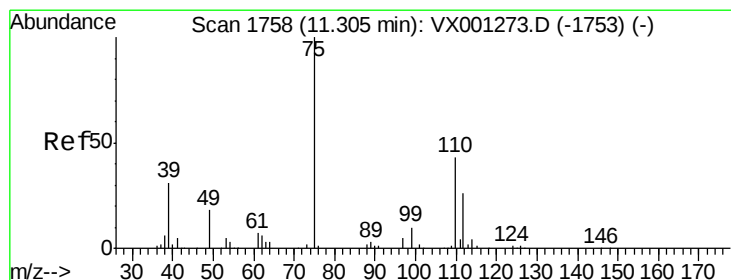
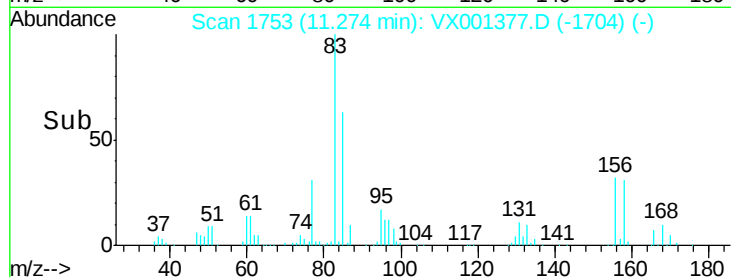
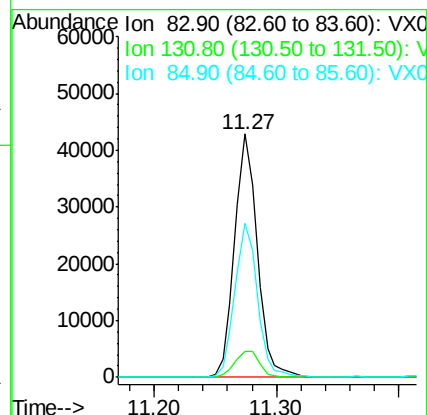
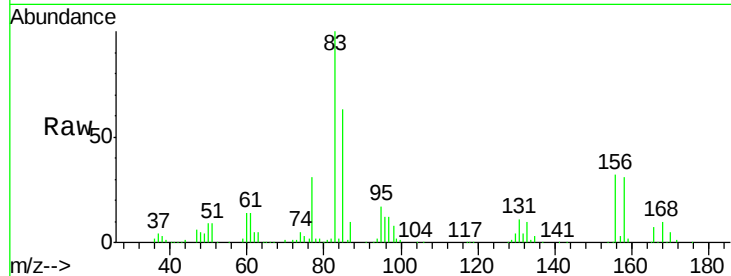
Tgt Ion: 83 Resp: 54818

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

85 63.1 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 13.31 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001377.D

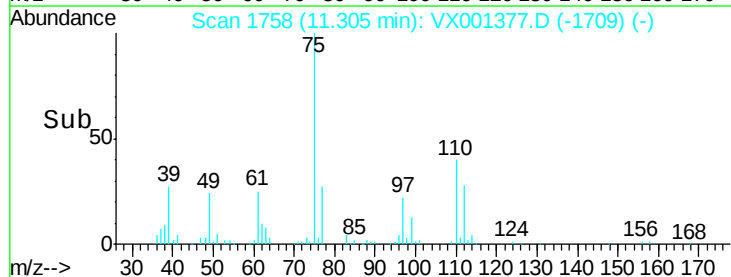
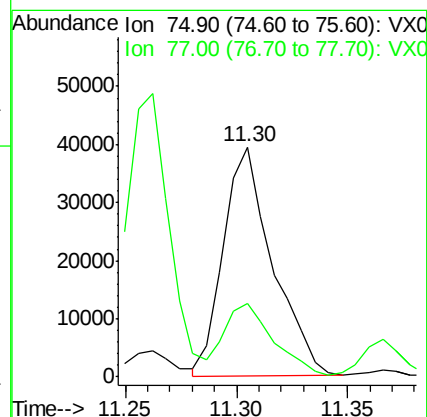
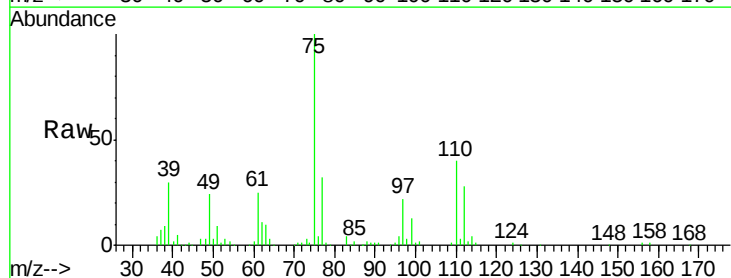
Acq: 03 May 2018 23:21

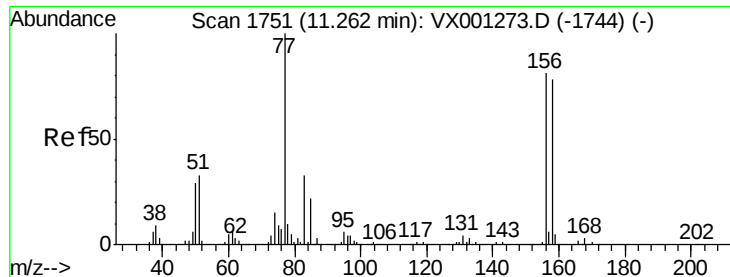
Tgt Ion: 75 Resp: 60307

Ion Ratio Lower Upper

75 100

77 32.3 18.9 56.5





#77

Bromobenzene

Concen: 11.04 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

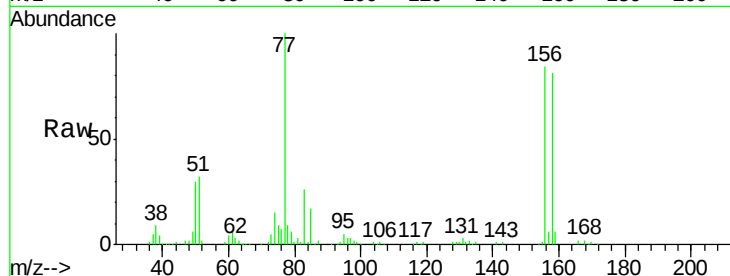
Tgt Ion: 156 Resp: 52161

Ion Ratio Lower Upper

156 100

77 126.2 65.3 195.8

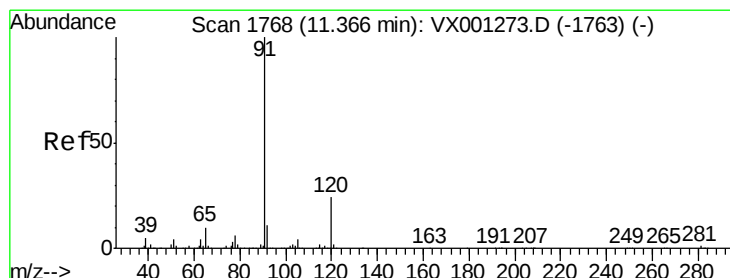
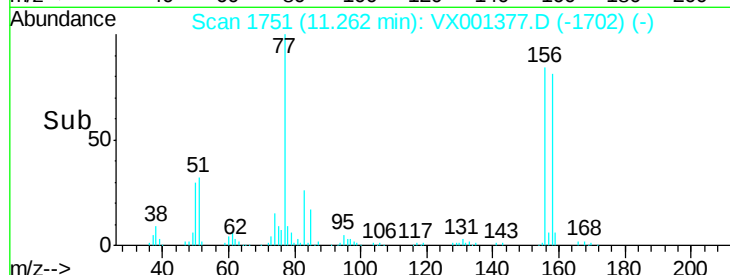
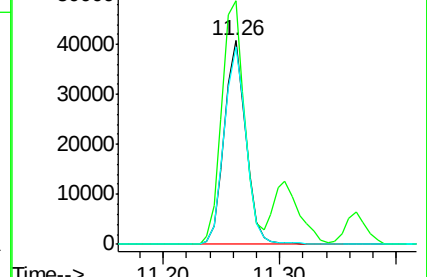
158 99.0 48.5 145.5



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: 10.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001377.D

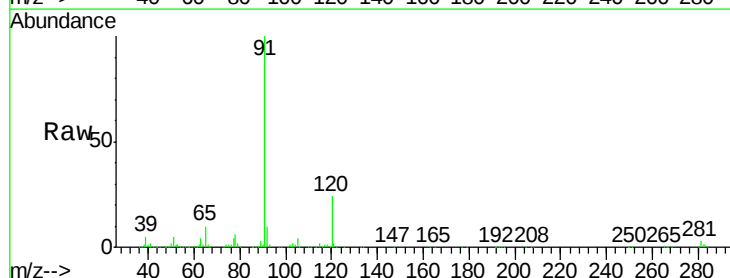
Acq: 03 May 2018 23:21

Tgt Ion: 91 Resp: 191940

Ion Ratio Lower Upper

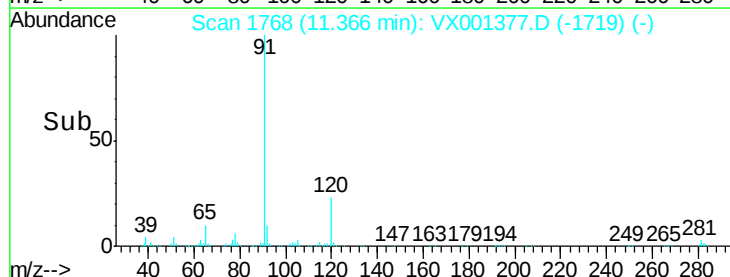
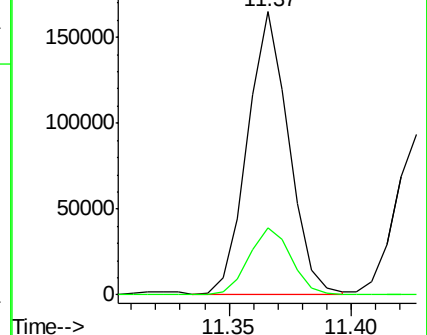
91 100

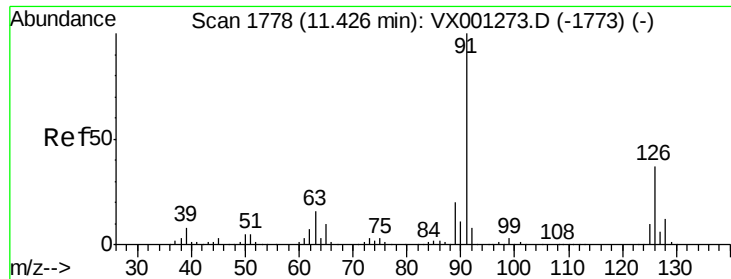
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

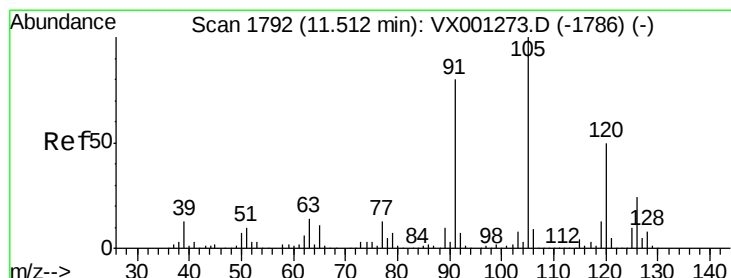
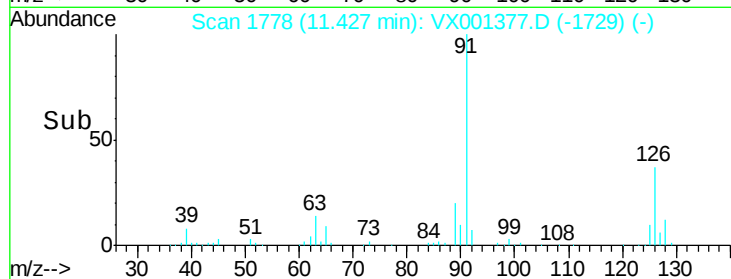
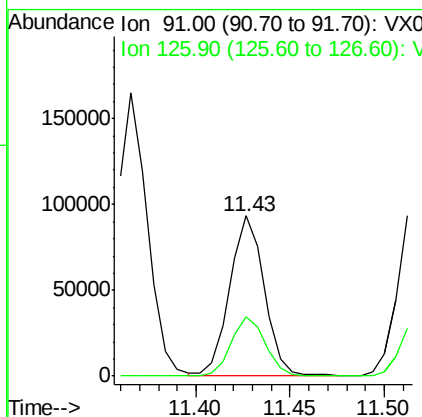
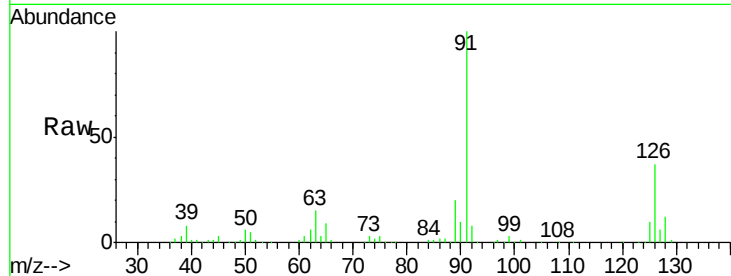




#79
 2-Chlorotoluene
 Concen: 10.74 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

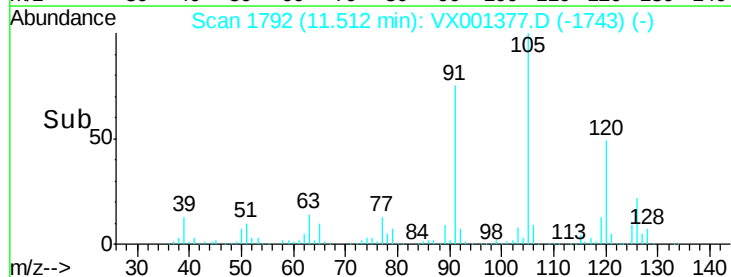
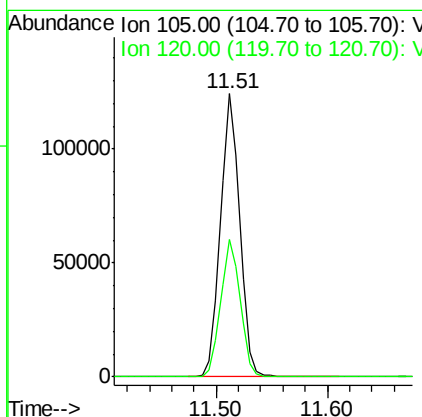
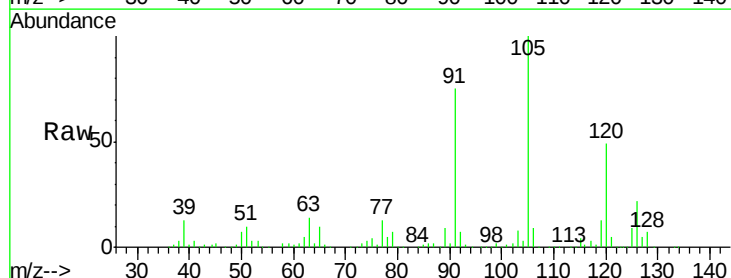
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

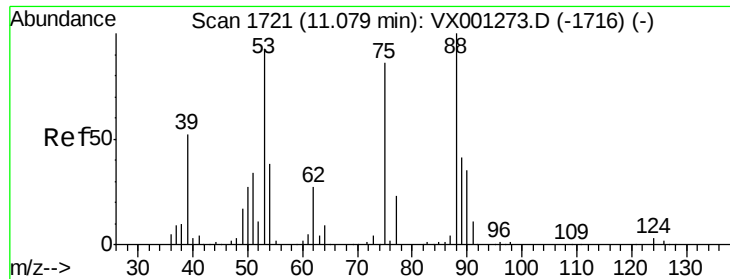
Tgt Ion: 91 Resp: 118003
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 10.83 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion: 105 Resp: 149076
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 11.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

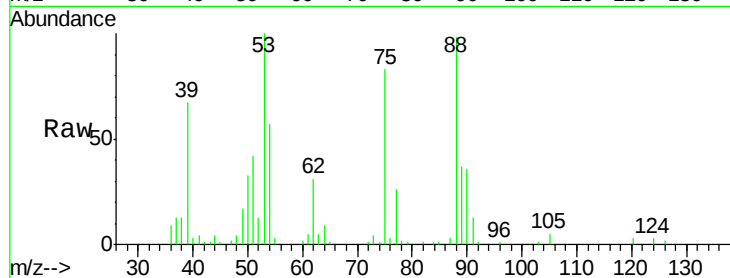
Tgt Ion: 75 Resp: 10797

Ion Ratio Lower Upper

75 100

53 122.8 87.1 130.7

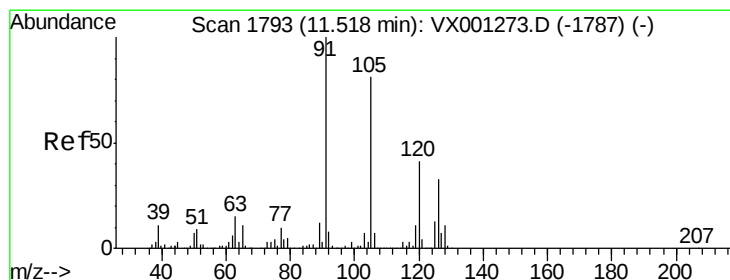
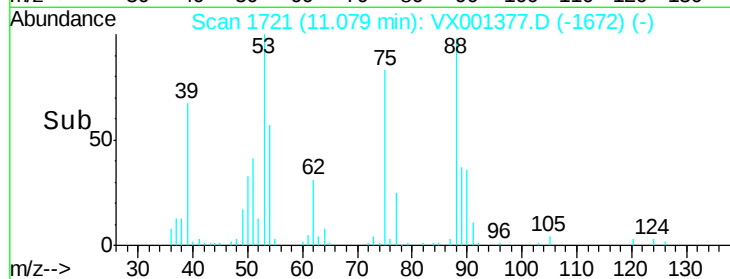
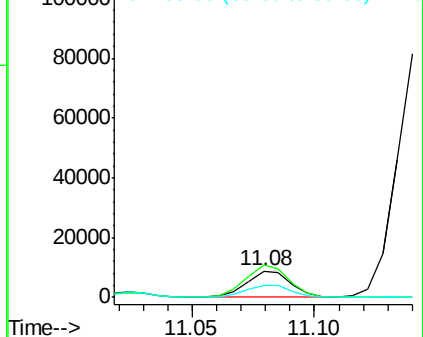
89 48.7 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 10.35 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001377.D

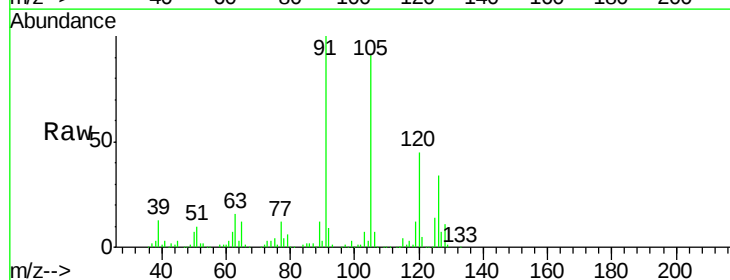
Acq: 03 May 2018 23:21

Tgt Ion: 91 Resp: 136854

Ion Ratio Lower Upper

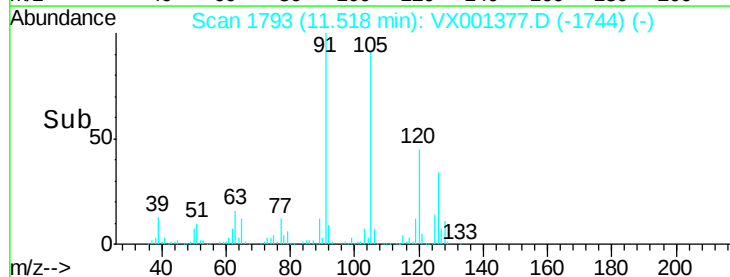
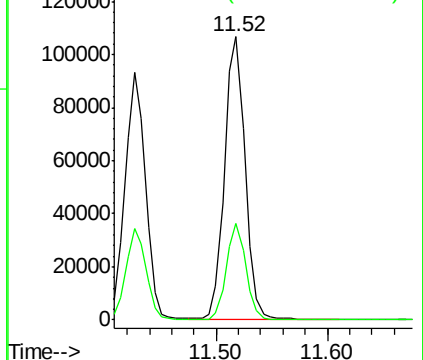
91 100

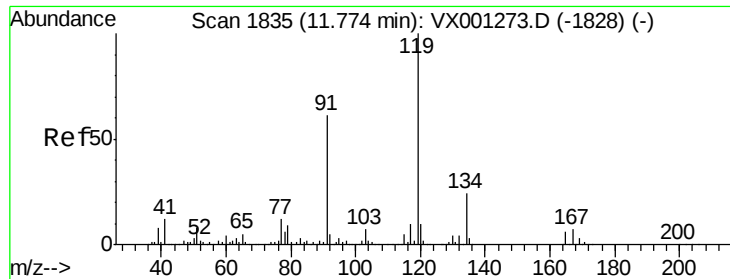
126 32.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

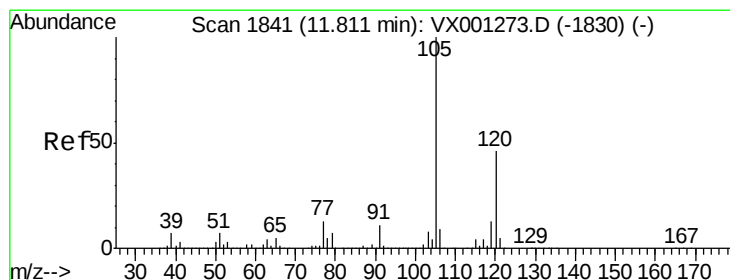
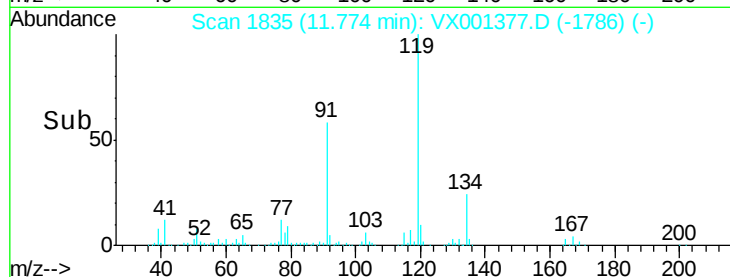
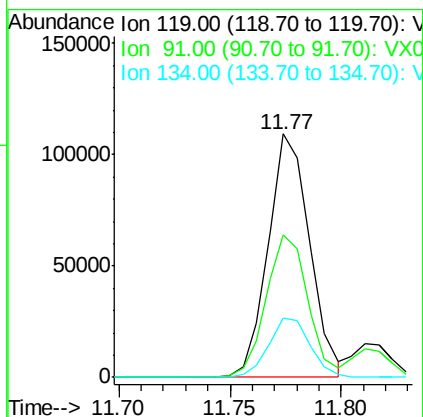
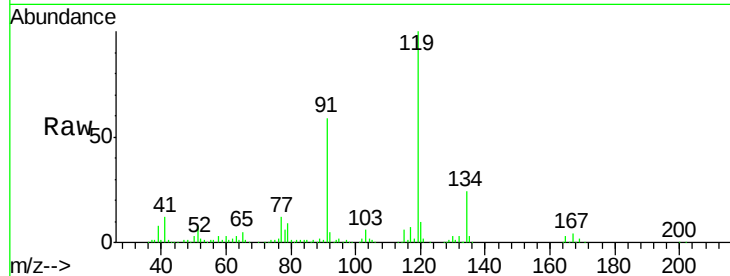




#83
 tert-Butylbenzene
 Concen: 10.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

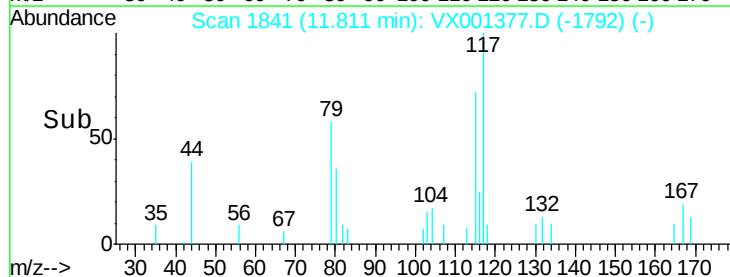
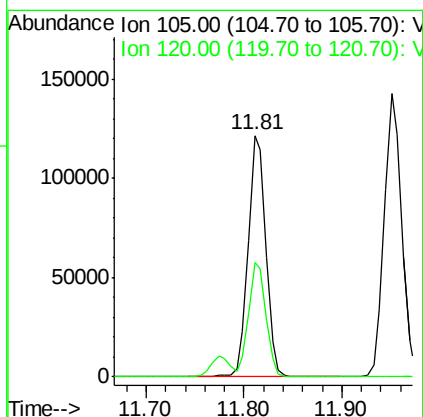
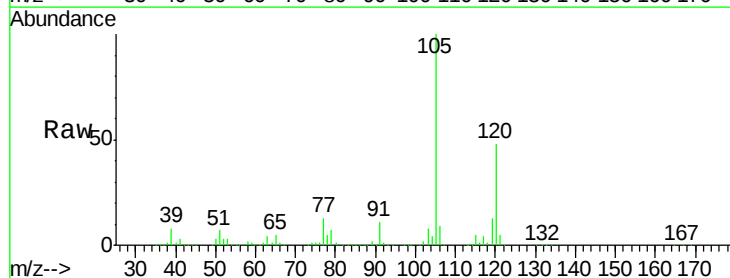
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

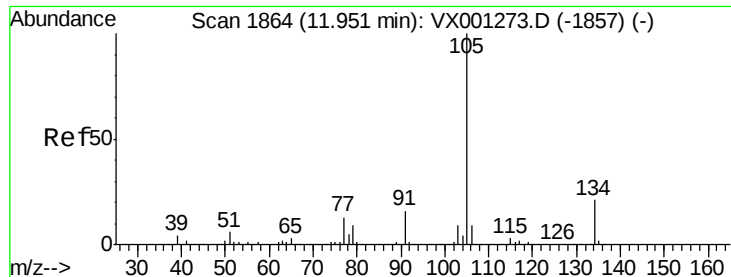
Tgt Ion:119 Resp: 141327
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.1 84.3
 134 24.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 10.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion:105 Resp: 153096
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.7 68.1

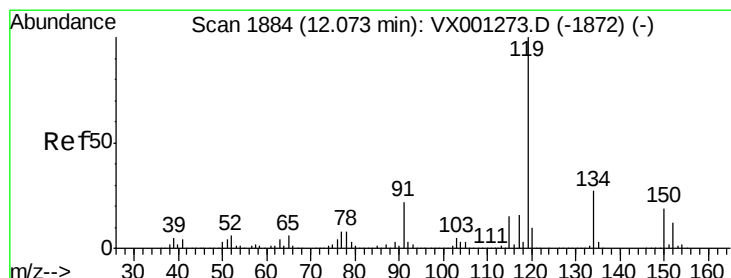
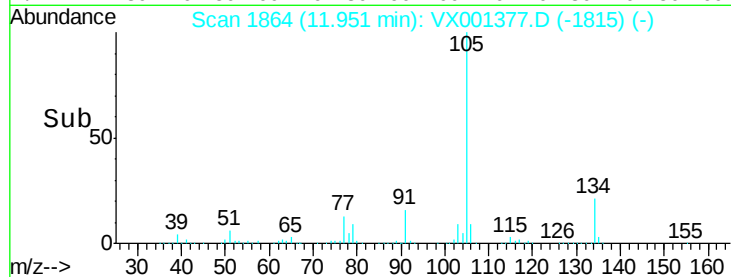
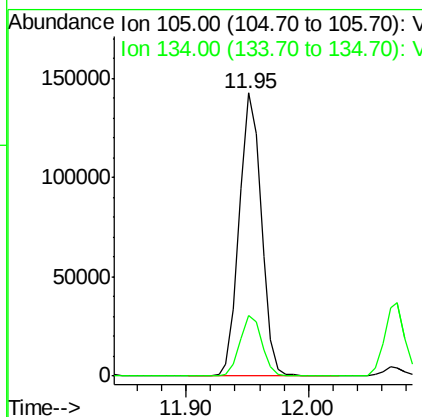
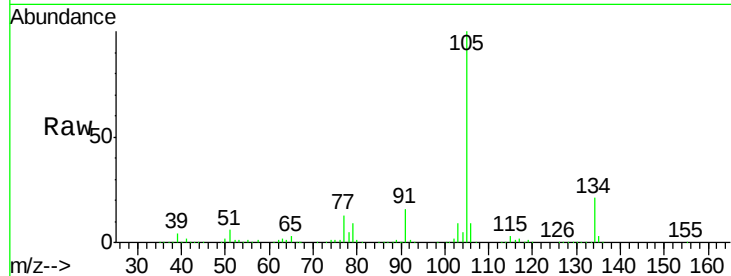




#85
 sec-Butylbenzene
 Concen: 10.77 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

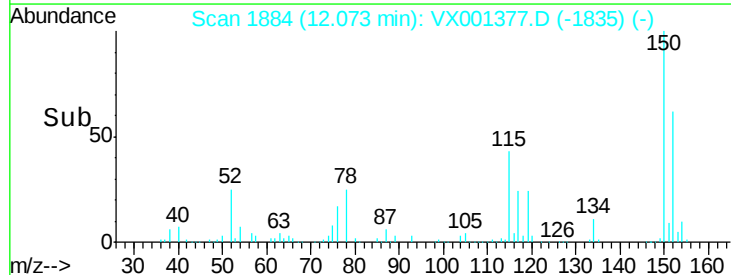
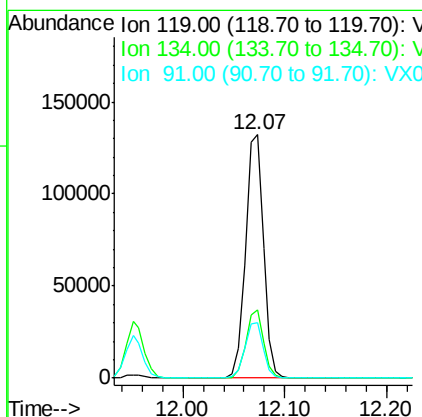
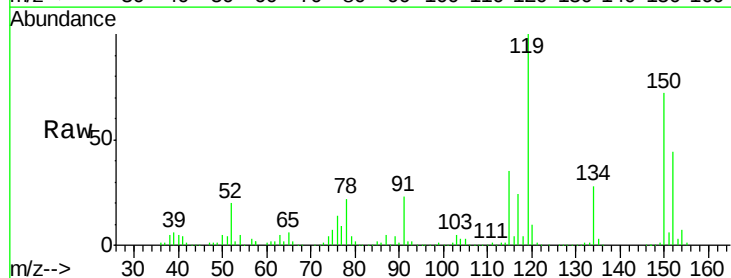
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

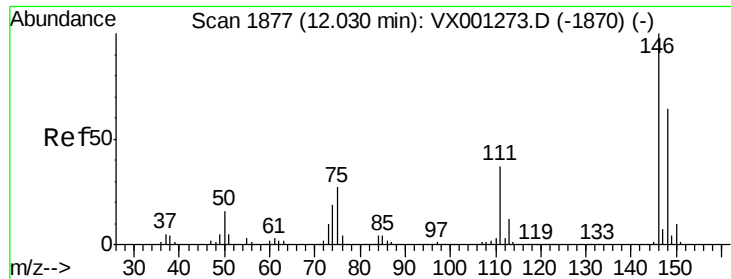
Tgt Ion:105 Resp: 176805
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 10.66 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion:119 Resp: 160594
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 23.0 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 10.32 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

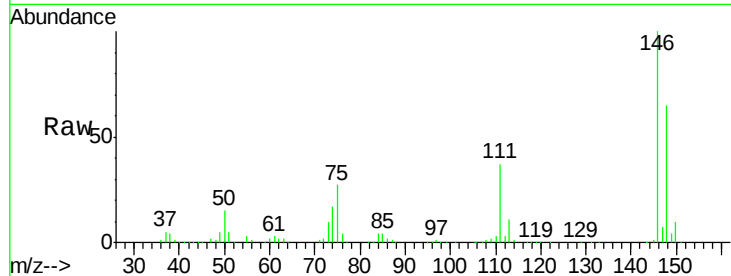
Tgt Ion:146 Resp: 91100

Ion Ratio Lower Upper

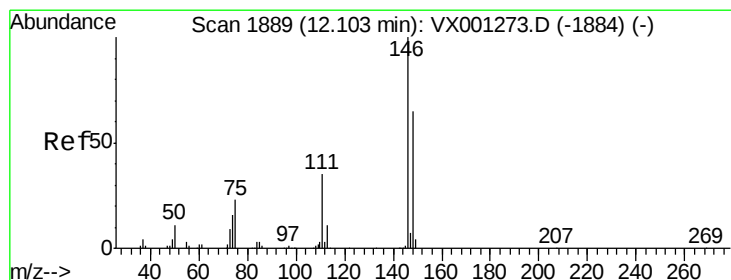
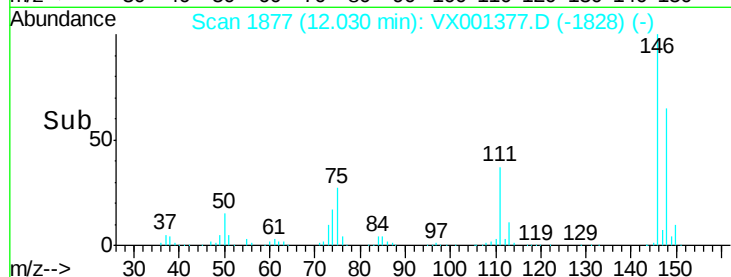
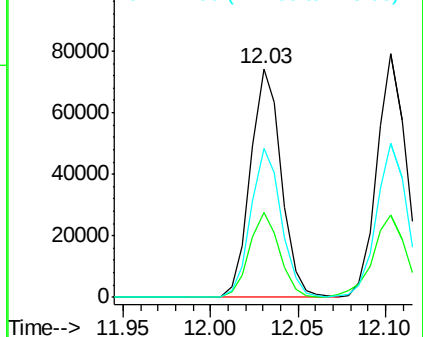
146 100

111 36.3 18.4 55.2

148 64.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.19 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

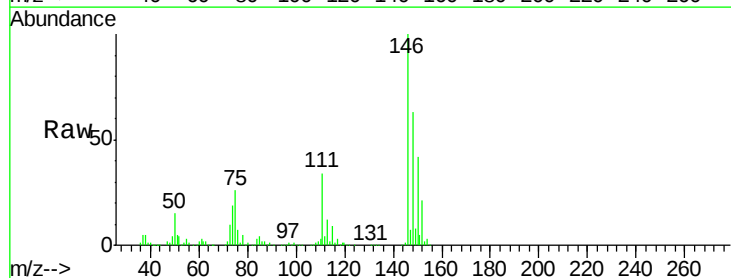
Tgt Ion:146 Resp: 92739

Ion Ratio Lower Upper

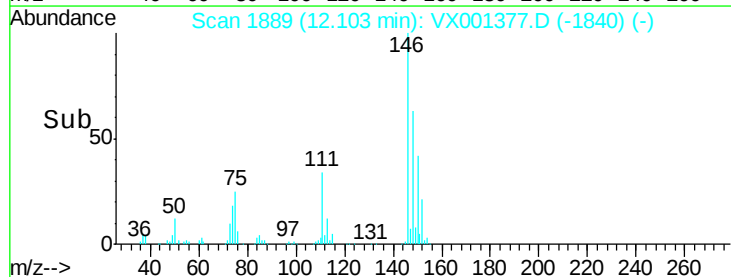
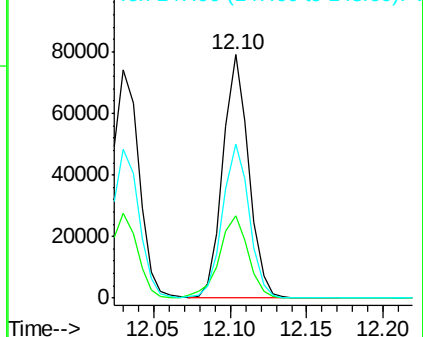
146 100

111 38.0 17.9 53.7

148 65.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

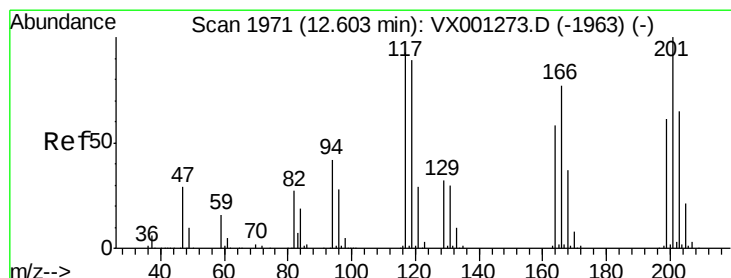
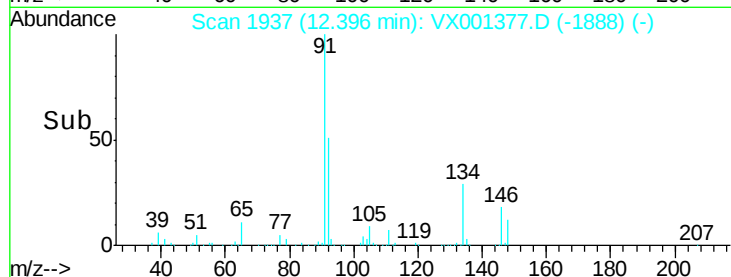
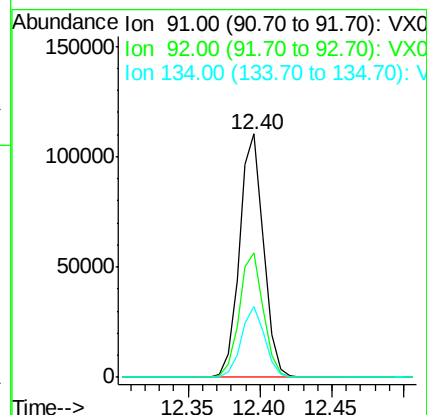
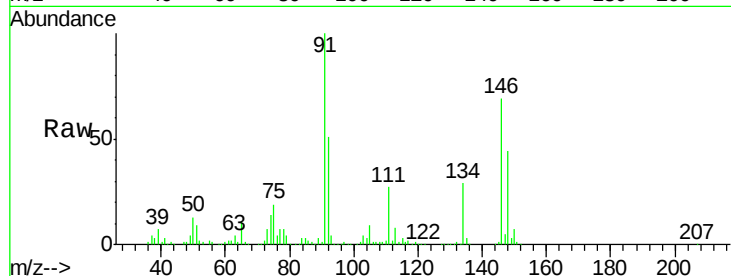
Tgt Ion: 91 Resp: 128744

Ion Ratio Lower Upper

91 100

92 51.0 26.2 78.5

134 28.4 14.0 42.0



#90

Hexachloroethane

Concen: 10.11 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001377.D

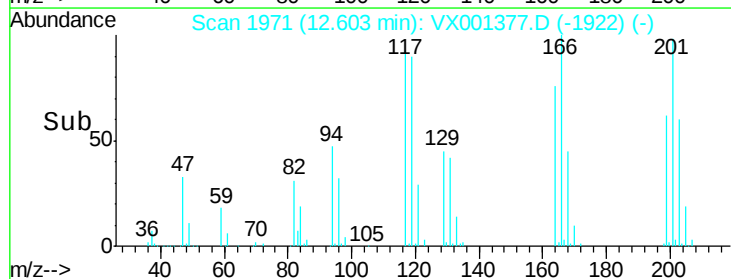
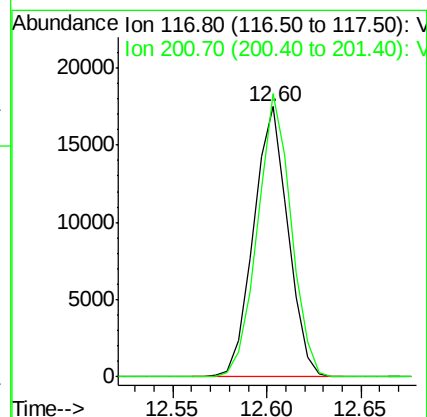
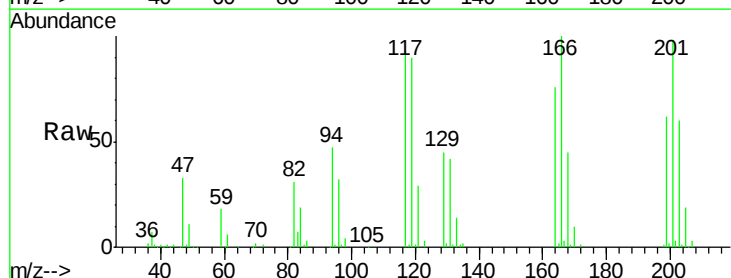
Acq: 03 May 2018 23:21

Tgt Ion: 117 Resp: 22058

Ion Ratio Lower Upper

117 100

201 102.2 51.6 154.8

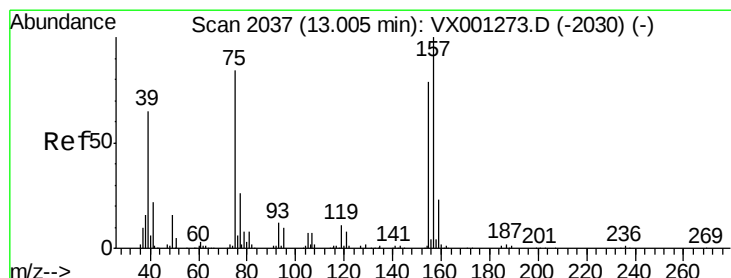
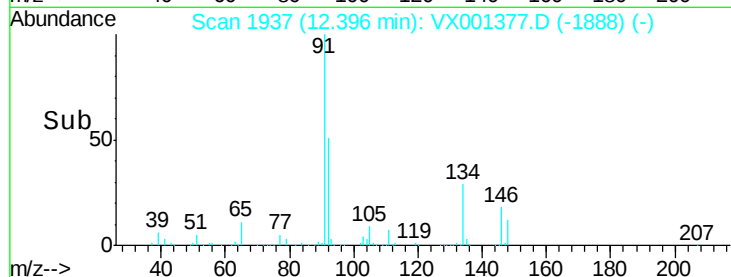
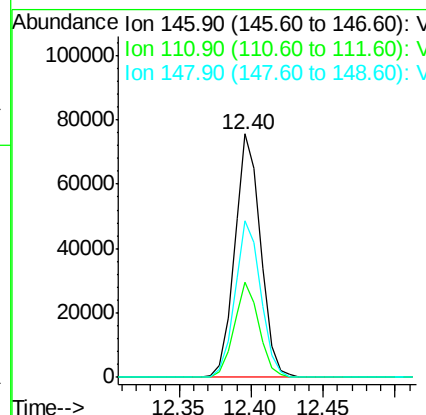
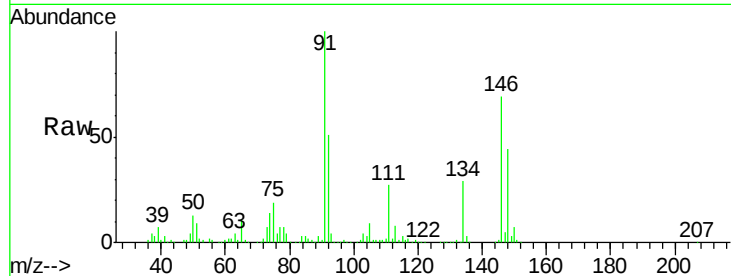




#91
 1,2-Dichlorobenzene
 Concen: 10.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

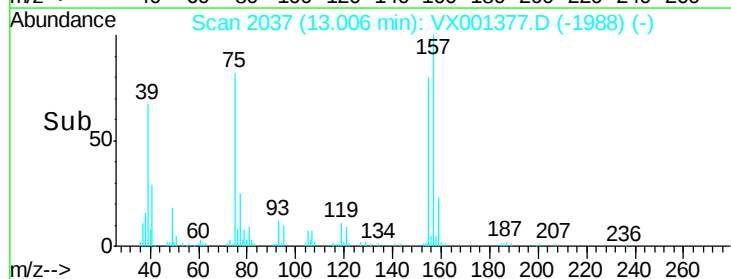
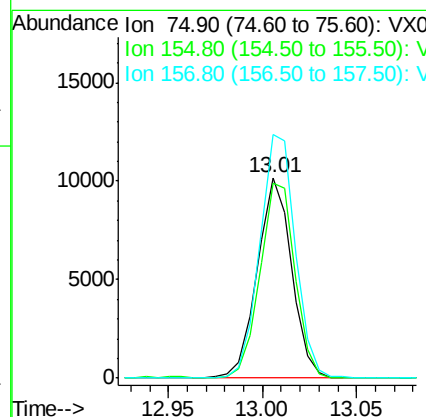
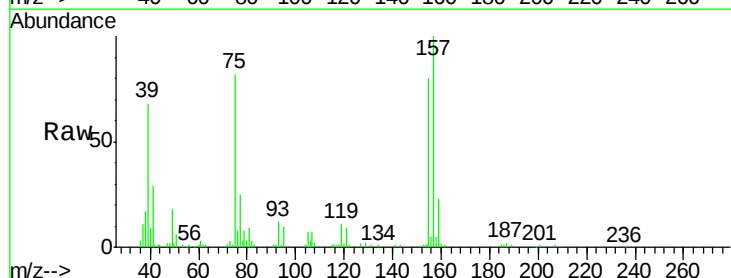
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

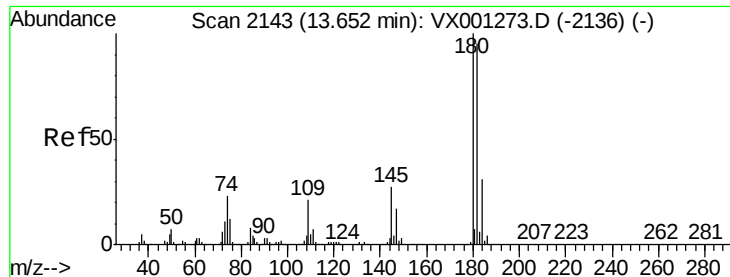
Tgt Ion:146 Resp: 94853
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 64.3 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.93 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion: 75 Resp: 12826
 Ion Ratio Lower Upper
 75 100
 155 99.2 49.9 149.7
 157 125.6 63.7 191.1

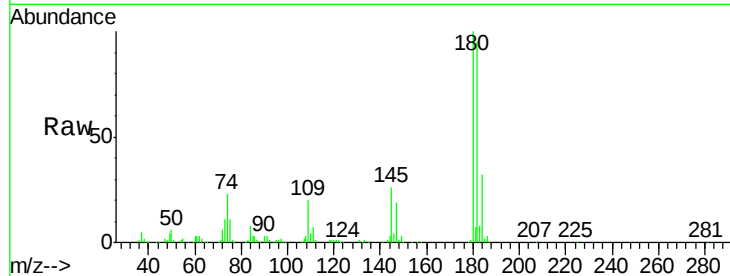




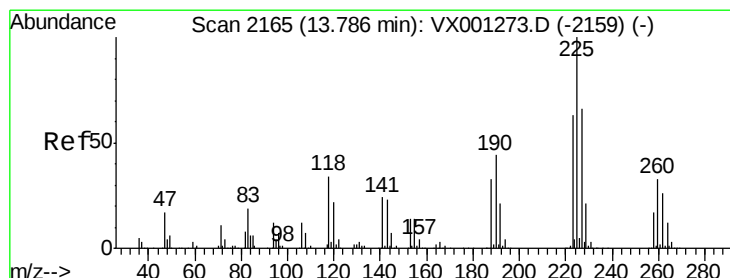
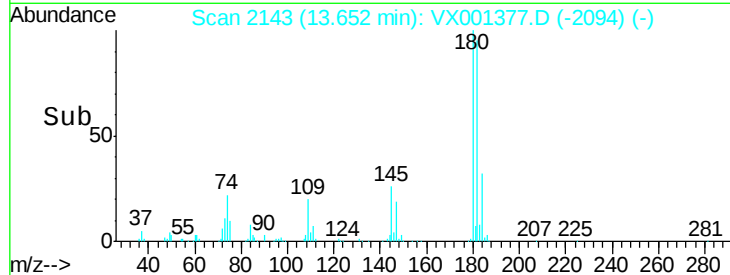
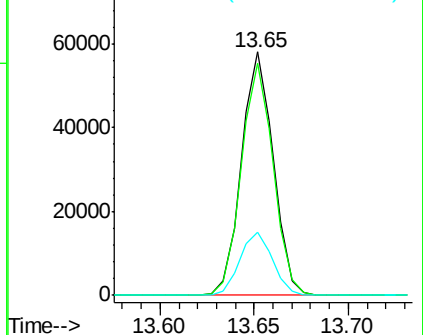
#93
 1,2,4-Trichlorobenzene
 Concen: 9.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	26.8	13.5	40.4

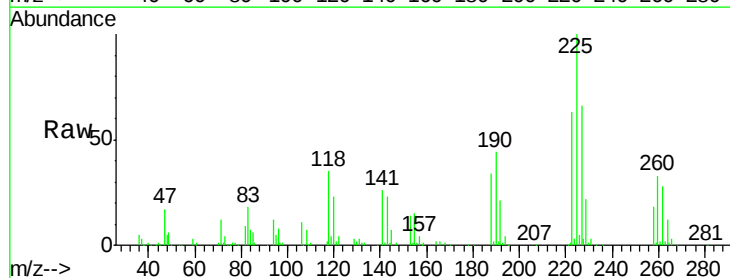


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

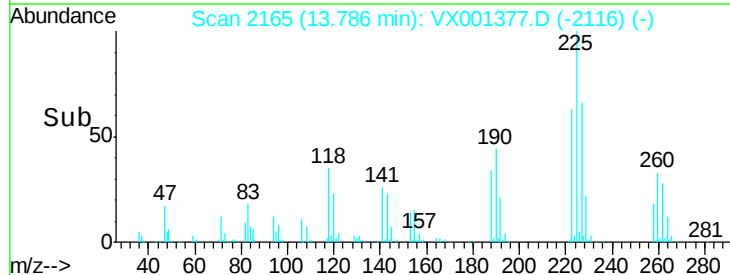
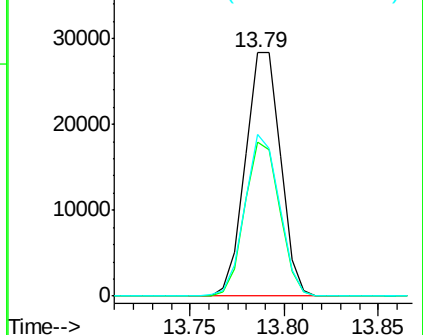


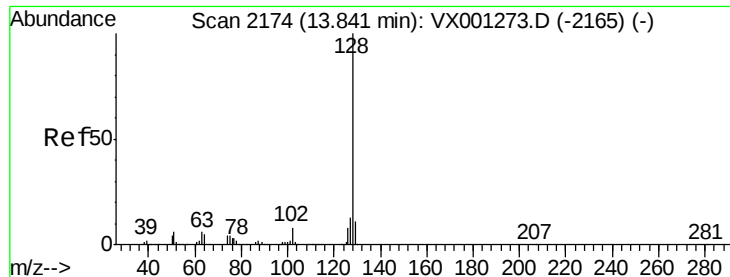
#94
 Hexachlorobutadiene
 Concen: 9.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001377.D
 Acq: 03 May 2018 23:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.0
227	64.9	32.5	97.5



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: 11.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

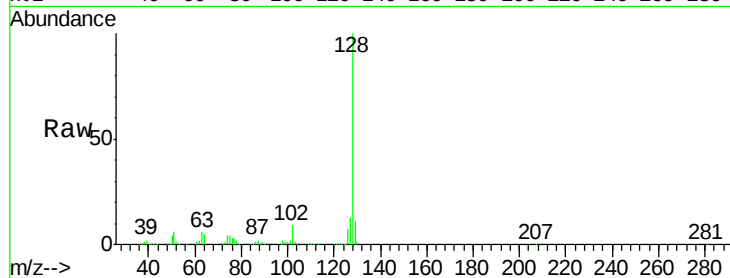
Tgt Ion:128 Resp: 203930

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

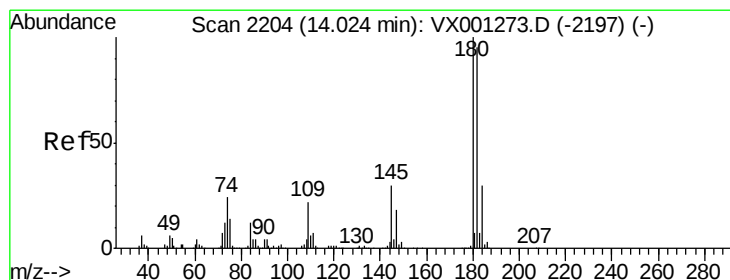
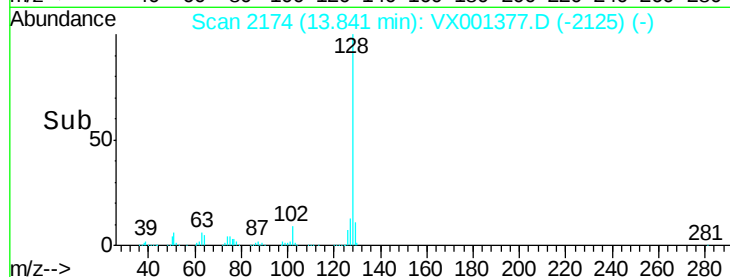
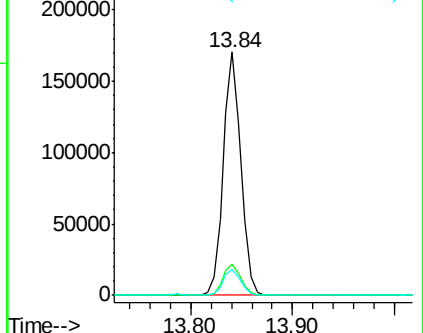
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001377.D

Acq: 03 May 2018 23:21

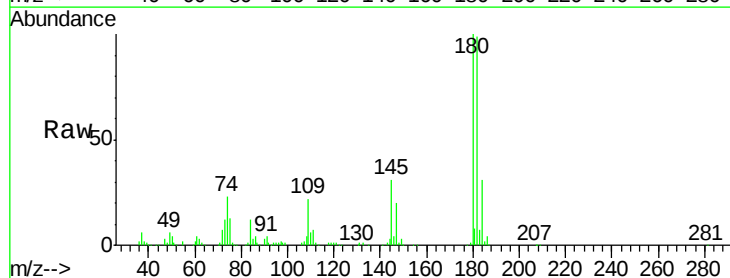
Tgt Ion:180 Resp: 71718

Ion Ratio Lower Upper

180 100

182 98.1 48.1 144.3

145 28.6 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

