

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001406.D
 Acq On : 04 May 2018 19:26
 Operator : JC/MD
 Sample : VX0504MBS01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

Quant Time: May 05 05:44:58 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	134144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	97968	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.51	113	81378	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.72	98	283493	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	103881	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	29347	19.78	ug/l	96
3) Chloromethane	1.32	50	30196	20.73	ug/l	99
4) Vinyl Chloride	1.40	62	32297	21.06	ug/l	98
5) Bromomethane	1.64	94	27530	23.22	ug/l	98
6) Chloroethane	1.72	64	22105	22.80	ug/l	96
7) Trichlorofluoromethane	1.93	101	57445	22.19	ug/l	96
8) Diethyl Ether	2.19	74	22970	25.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32121	21.52	ug/l	97
10) Methyl Iodide	2.51	142	45754	30.02	ug/l	99
11) Tert butyl alcohol	3.09	59	54212	169.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29229	21.72	ug/l	100
13) Acrolein	2.30	56	13408	72.89	ug/l	96
14) Allyl chloride	2.73	41	54929	23.33	ug/l	99
15) Acrylonitrile	3.15	53	113392	153.14	ug/l	100
16) Acetone	2.45	43	108400	136.76	ug/l	97
17) Carbon Disulfide	2.57	76	59100	16.86	ug/l	97
18) Methyl Acetate	2.78	43	63179	33.75	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	117743	25.69	ug/l	98
20) Methylene Chloride	2.86	84	36574	24.77	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	31978	21.83	ug/l	96
22) Diisopropyl ether	3.89	45	115955	25.57	ug/l	98
23) Vinyl Acetate	3.84	43	514271	133.85	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63106	24.99	ug/l	99
25) 2-Butanone	4.73	43	148870	138.91	ug/l	98
26) 2,2-Dichloropropane	4.59	77	36425	17.72	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	34977	21.73	ug/l	95
28) Bromochloromethane	5.03	49	29683	26.14	ug/l	97
29) Tetrahydrofuran	5.18	42	94224	142.95	ug/l	99
30) Chloroform	5.23	83	61158	22.91	ug/l	99
31) Cyclohexane	5.58	56	40359	17.69	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	48920	20.96	ug/l	100
36) 1,1-Dichloropropene	5.81	75	38257	18.47	ug/l	100
37) Ethyl Acetate	4.88	43	54528	26.07	ug/l	99
38) Carbon Tetrachloride	5.79	117	42395	19.54	ug/l	96

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Quant Time: May 05 05:44:58 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	41931	17.12	ug/l	97
40) Benzene	6.15	78	124546	20.90	ug/l	99
41) Methacrylonitrile	5.08	41	30693	25.20	ug/l	98
42) 1,2-Dichloroethane	6.21	62	50857	22.05	ug/l	98
43) Isopropyl Acetate	6.48	43	81187	23.98	ug/l	99
44) Trichloroethene	7.22	130	39124	21.45	ug/l	100
45) 1,2-Dichloropropane	7.53	63	33370	21.81	ug/l	98
46) Dibromomethane	7.67	93	24458	22.80	ug/l	99
47) Bromodichloromethane	7.91	83	42131	21.97	ug/l	99
48) Methyl methacrylate	7.79	41	43012	23.90	ug/l	98
49) 1,4-Dioxane	7.77	88	20367	599.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	301762	138.24	ug/l	100
52) Toluene	8.79	92	79883	20.51	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	46496	20.39	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	41518	19.79	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	37560	23.87	ug/l	98
56) Ethyl methacrylate	9.19	69	50463	23.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	59736	23.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	131915	125.43	ug/l	99
59) 2-Hexanone	9.51	43	232194	136.10	ug/l	100
60) Dibromochloromethane	9.59	129	35928	21.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38960	23.37	ug/l	99
64) Tetrachloroethene	9.34	164	47478	23.45	ug/l	97
65) Chlorobenzene	10.15	112	96269	20.72	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	36080	22.37	ug/l	98
67) Ethyl Benzene	10.26	91	149629	19.54	ug/l	99
68) m/p-Xylenes	10.37	106	119659	39.71	ug/l	99
69) o-Xylene	10.71	106	59251	20.28	ug/l	100
70) Styrene	10.72	104	96624	20.22	ug/l	99
71) Bromoform	10.87	173	29918	21.62	ug/l #	98
73) Isopropylbenzene	11.02	105	155832	20.92	ug/l	99
74) N-amyl acetate	6.48	43	81187	25.40	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54396	24.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	61973	30.09	ug/l	91
77) Bromobenzene	11.26	156	48097	22.38	ug/l	97
78) n-propylbenzene	11.37	91	172743	20.86	ug/l	100
79) 2-Chlorotoluene	11.43	91	105692	21.15	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	132566	21.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	11368	20.70	ug/l	88
82) 4-Chlorotoluene	11.52	91	123771	20.60	ug/l	99
83) tert-Butylbenzene	11.77	119	129994	20.83	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	138458	21.59	ug/l	100
85) sec-Butylbenzene	11.95	105	156003	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	144041	21.03	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	83117	20.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83332	20.14	ug/l	99
89) n-Butylbenzene	12.40	91	114708	19.19	ug/l	99
90) Hexachloroethane	12.60	117	20501	20.67	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	87478	21.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12593	27.91	ug/l	99

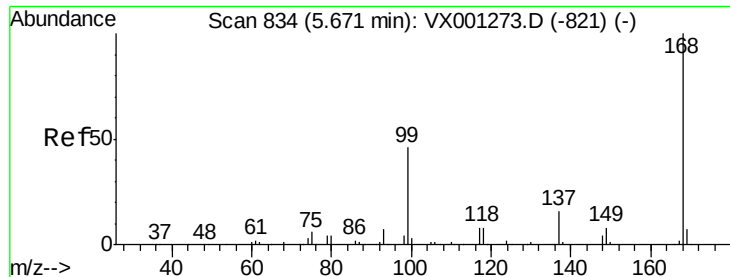
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61872	19.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	33634	20.01	ug/l	100
95) Naphthalene	13.84	128	193485	23.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	66408	21.06	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampled :

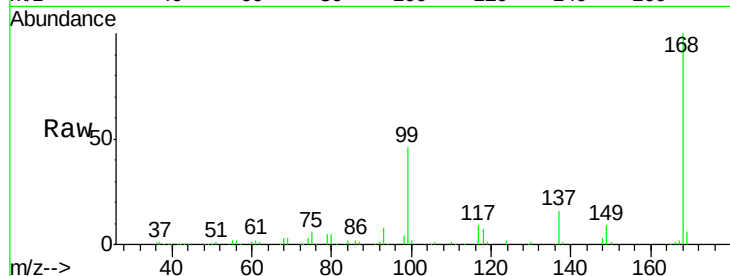
VX0504MBS01

Tgt Ion:168 Resp: 134144

Ion Ratio Lower Upper

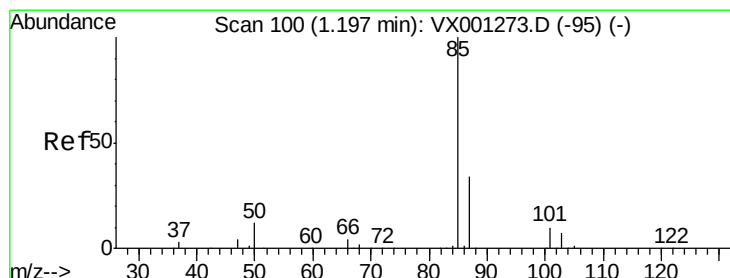
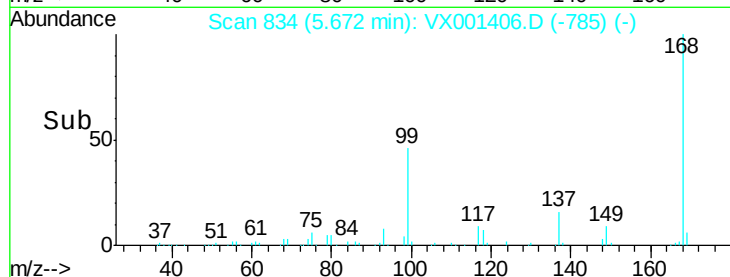
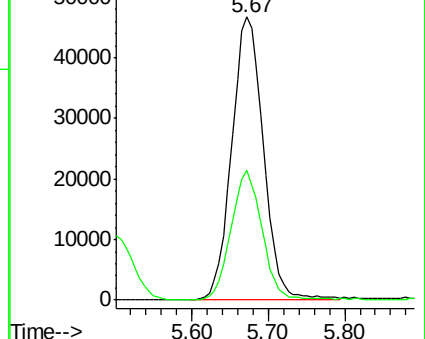
168 100

99 45.9 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001406.D

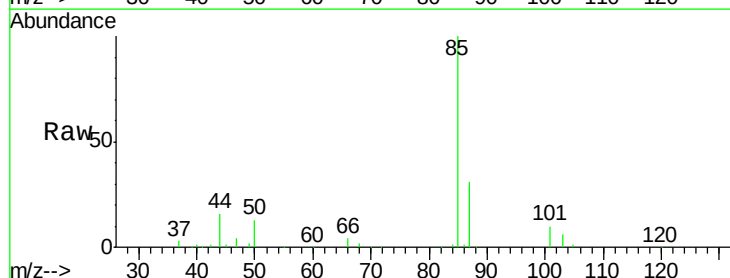
Acq: 04 May 2018 19:26

Tgt Ion: 85 Resp: 29347

Ion Ratio Lower Upper

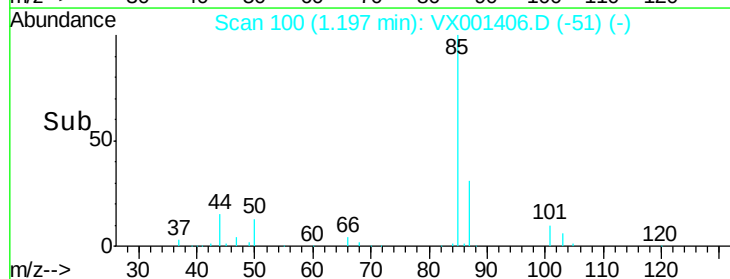
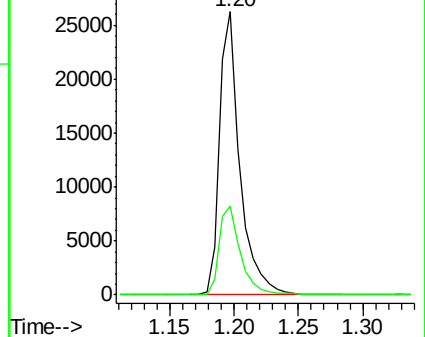
85 100

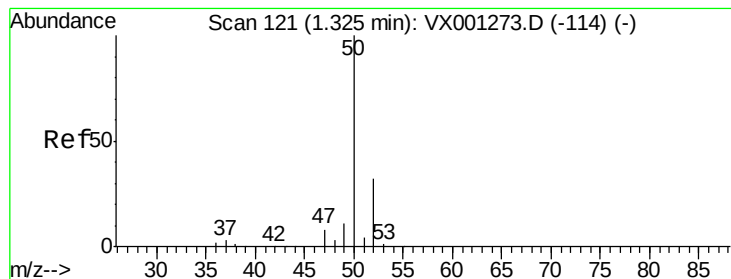
87 31.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.73 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

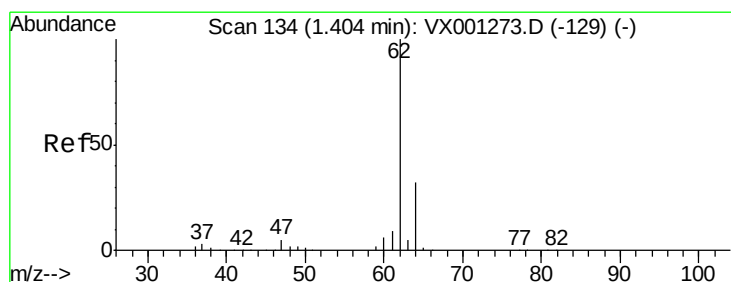
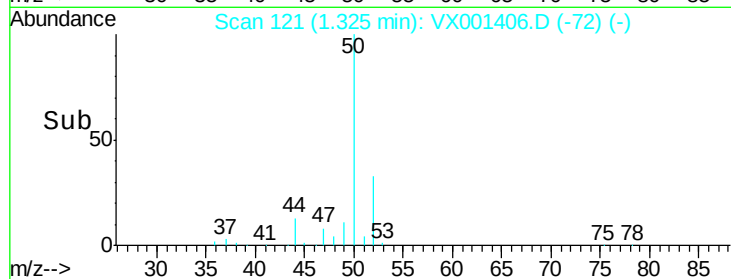
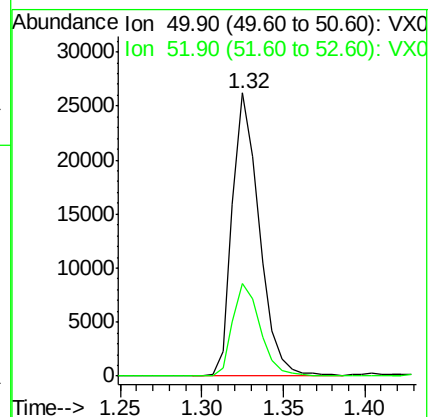
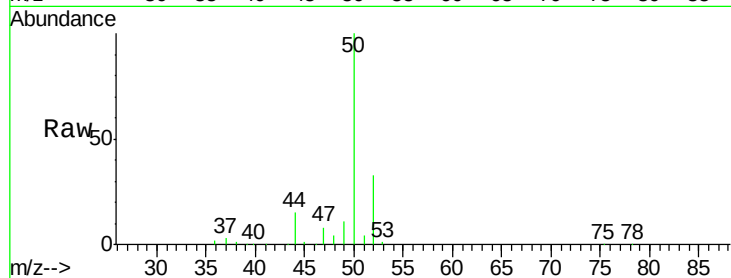
VX0504MBS01

Tgt Ion: 50 Resp: 30196

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 21.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001406.D

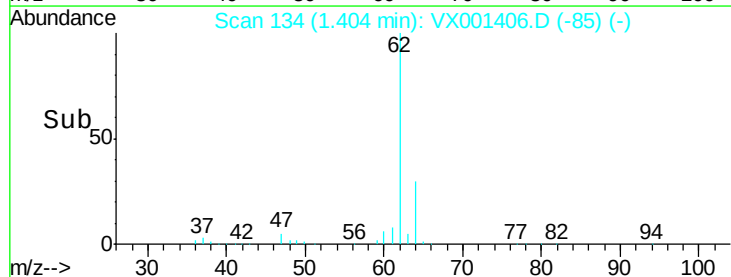
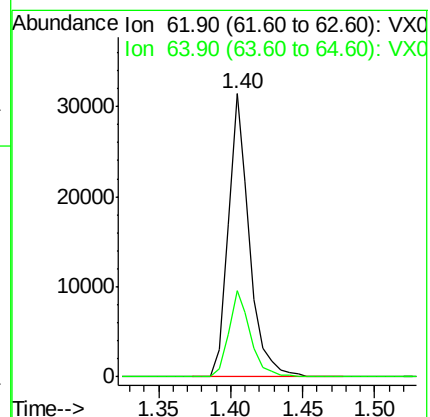
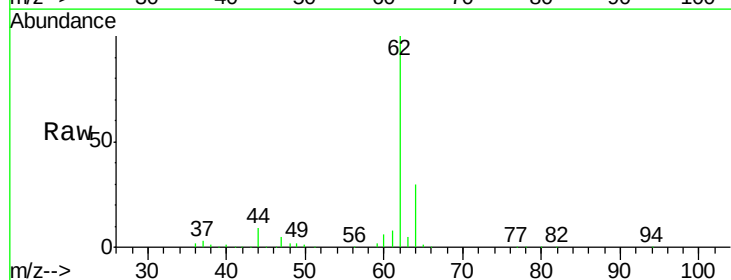
Acq: 04 May 2018 19:26

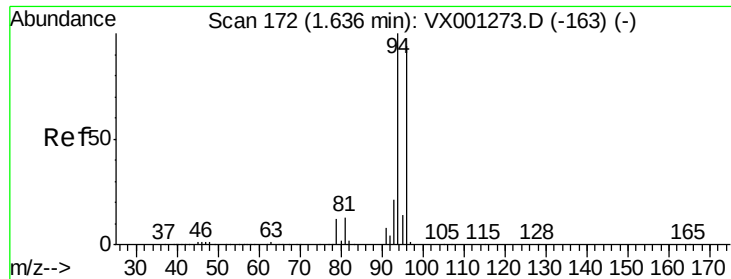
Tgt Ion: 62 Resp: 32297

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 23.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

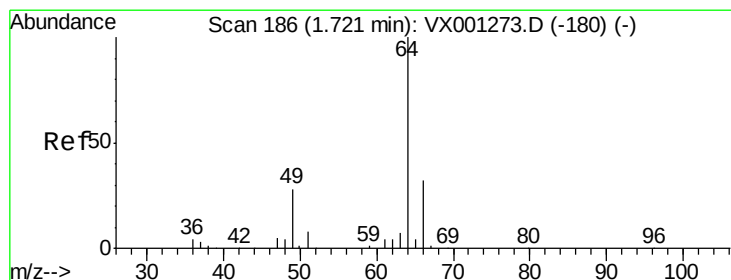
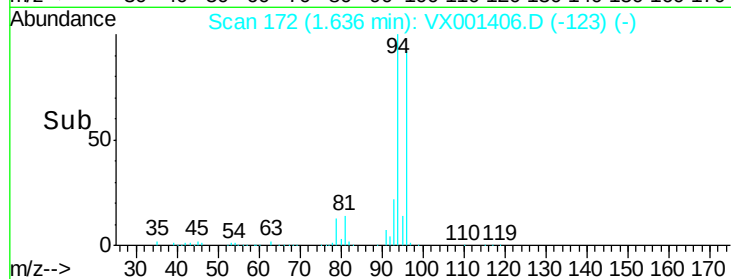
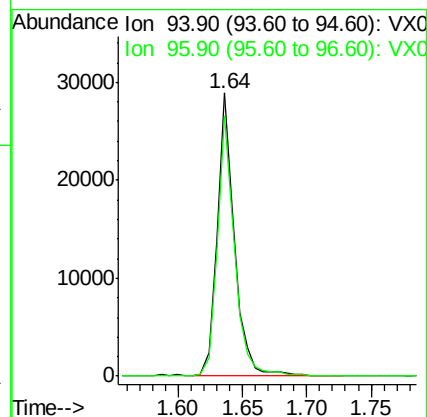
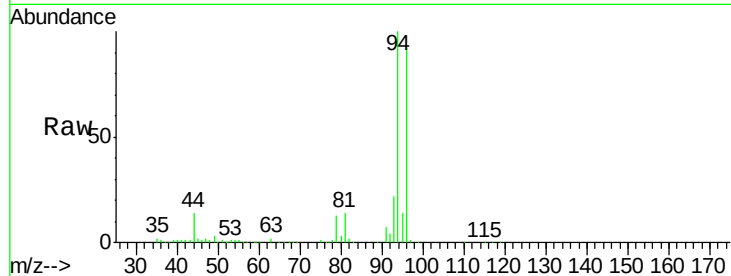
VX0504MBS01

Tgt Ion: 94 Resp: 27530

Ion Ratio Lower Upper

94 100

96 92.2 75.6 113.4



#6

Chloroethane

Concen: 22.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001406.D

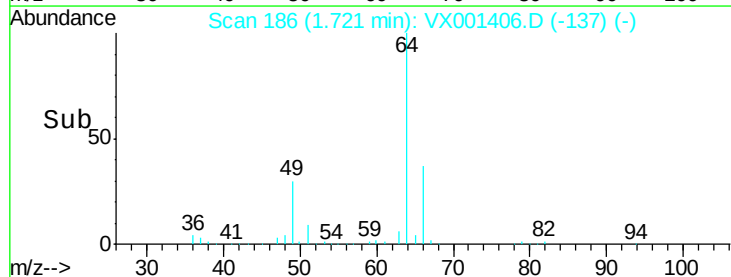
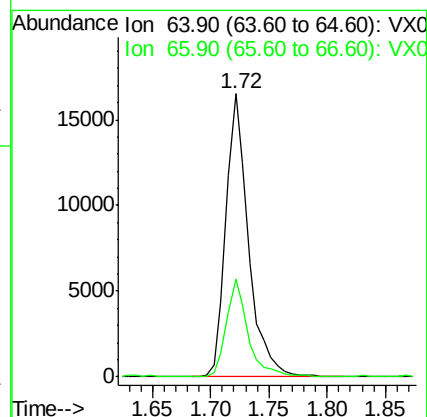
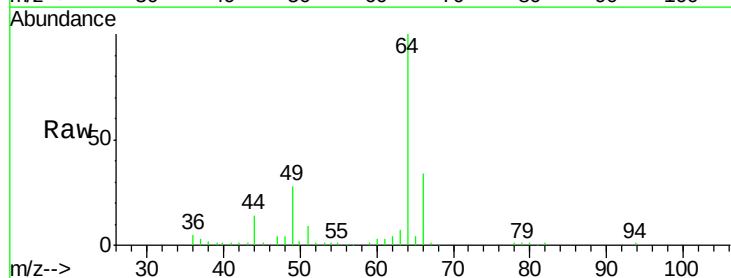
Acq: 04 May 2018 19:26

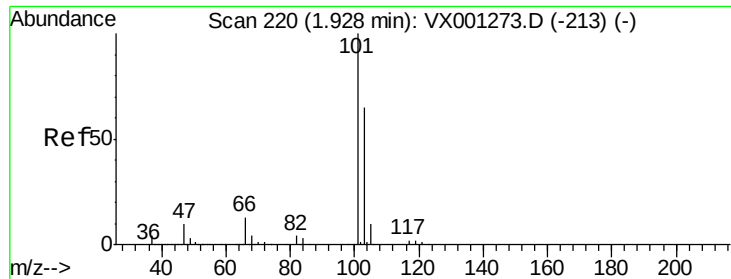
Tgt Ion: 64 Resp: 22105

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5



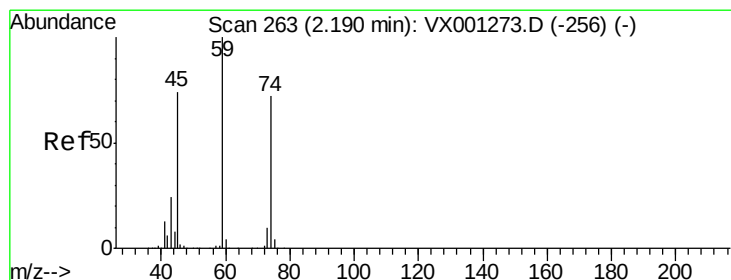
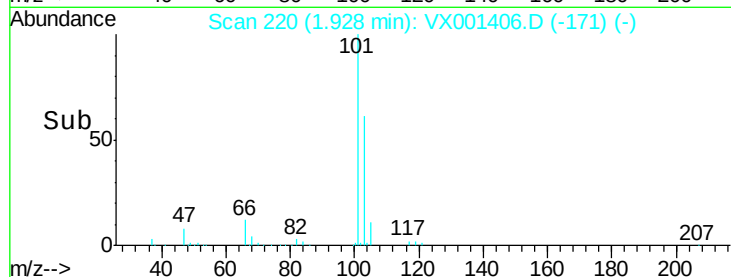
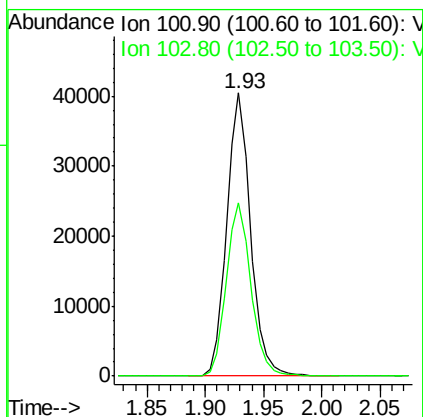
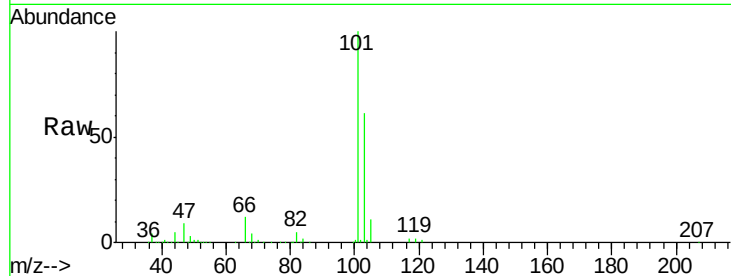


#7

Trichlorofluoromethane
 Concen: 22.19 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

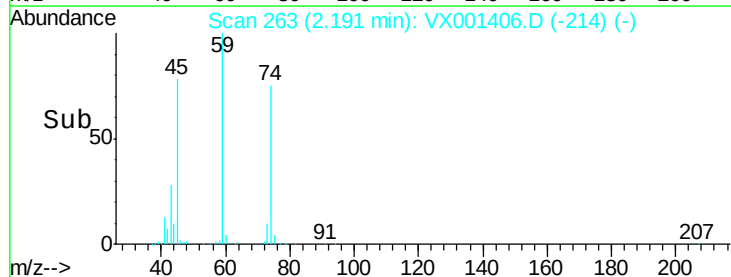
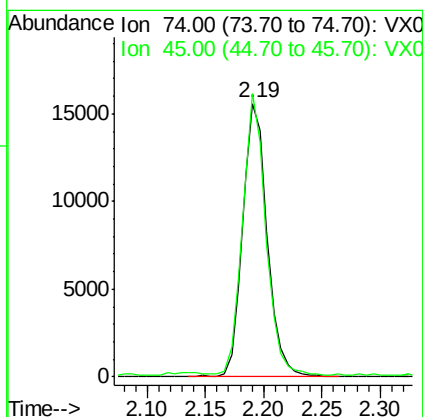
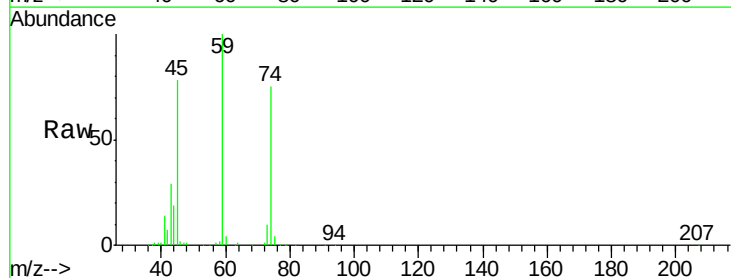
Tgt Ion:101 Resp: 57445
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.8 77.8

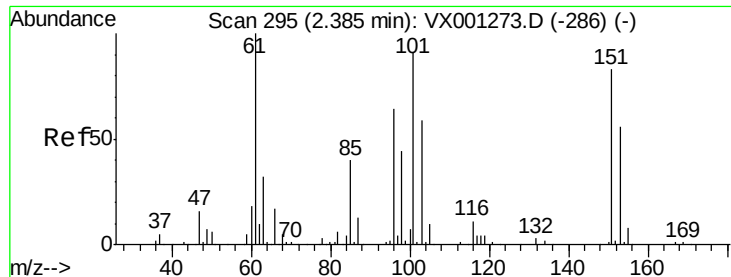


#8

Diethyl Ether
 Concen: 25.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 74 Resp: 22970
 Ion Ratio Lower Upper
 74 100
 45 97.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

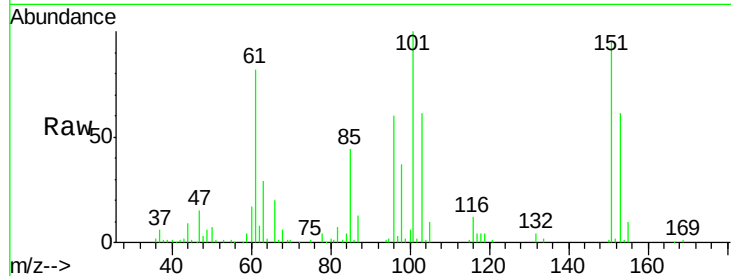
Tgt Ion:101 Resp: 32121

Ion Ratio Lower Upper

101 100

85 46.1 35.6 53.4

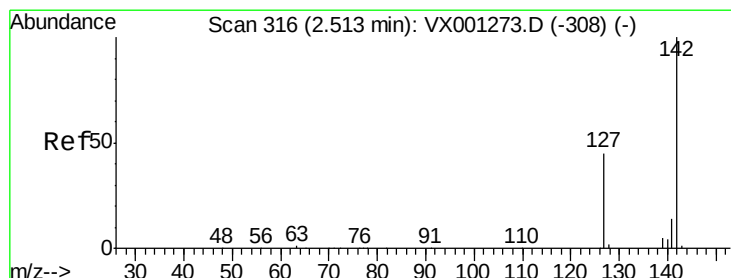
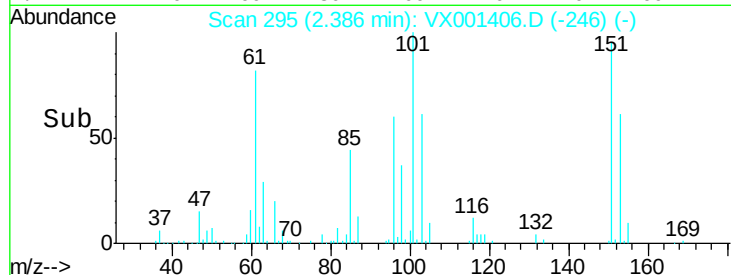
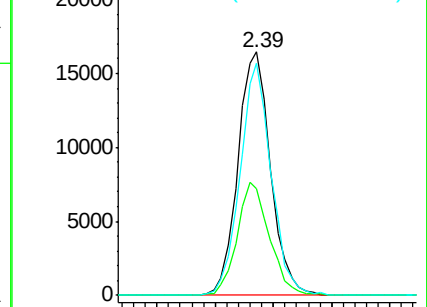
151 90.8 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.02 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

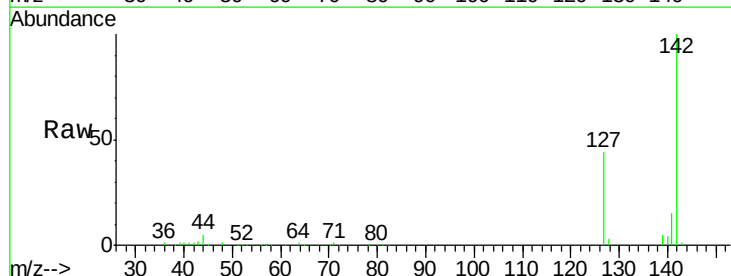
Tgt Ion:142 Resp: 45754

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

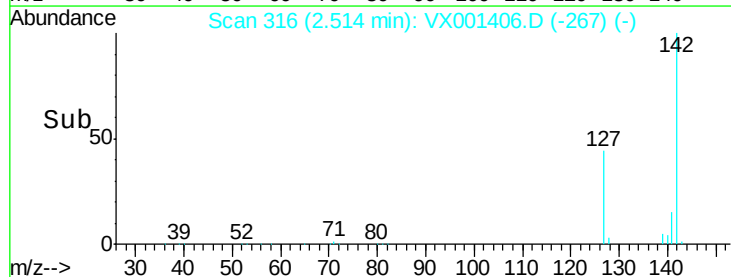
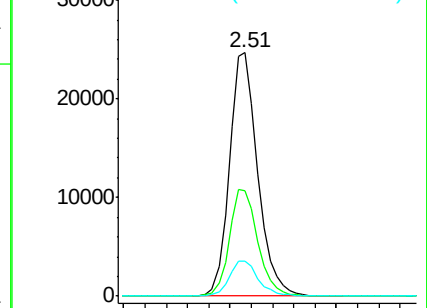
141 14.8 11.4 17.0

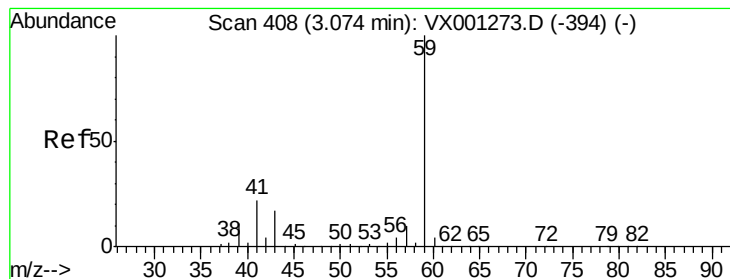


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



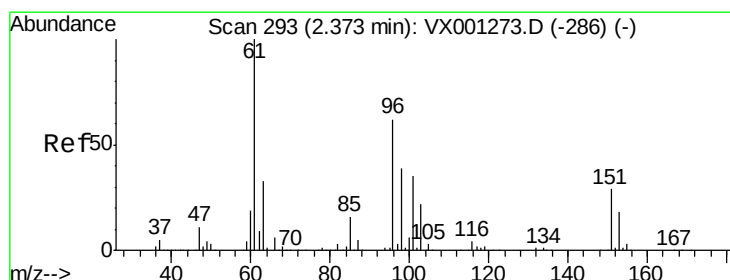
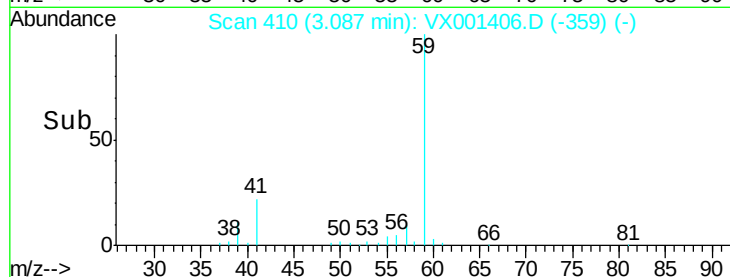
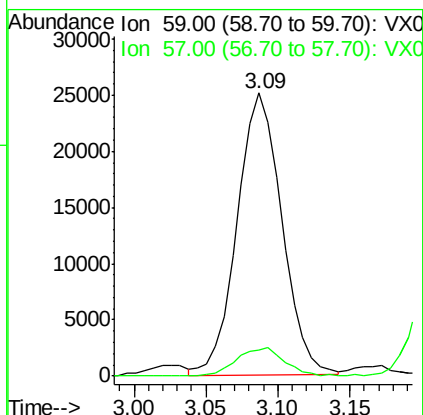
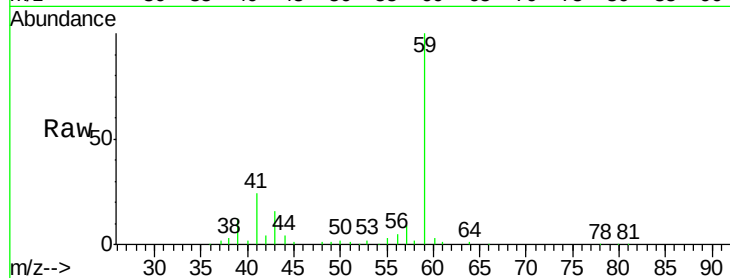


#11

Tert butyl alcohol
 Concen: 169.69 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

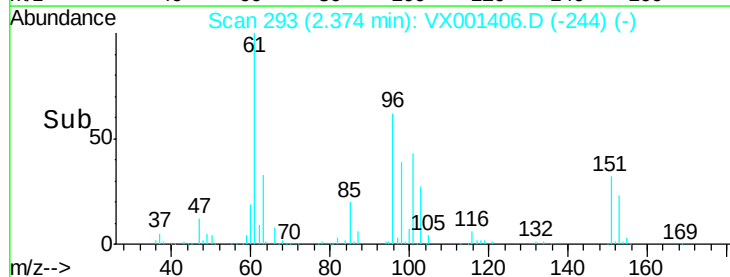
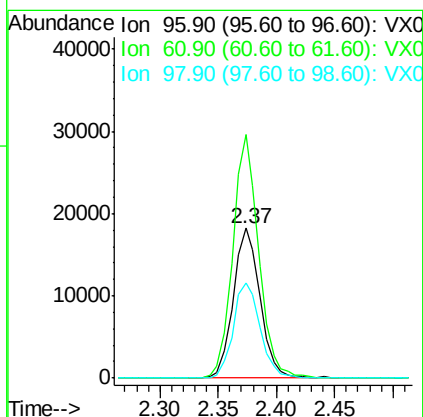
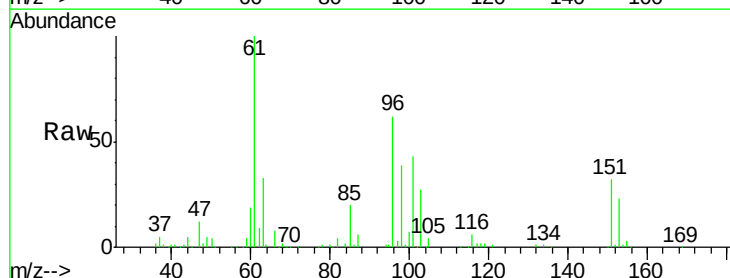
Tgt Ion: 59 Resp: 54212
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

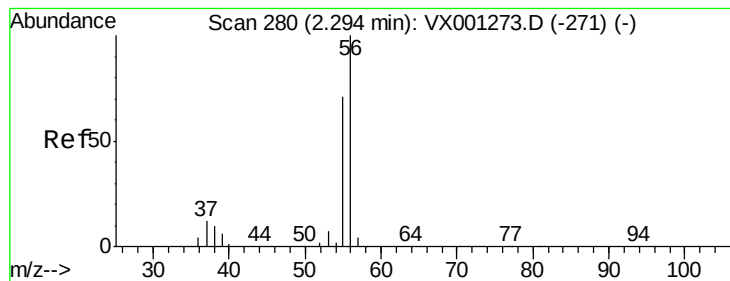


#12

1,1-Dichloroethene
 Concen: 21.72 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 96 Resp: 29229
 Ion Ratio Lower Upper
 96 100
 61 162.3 130.1 195.1
 98 63.5 50.3 75.5





#13

Acrolein

Concen: 72.89 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

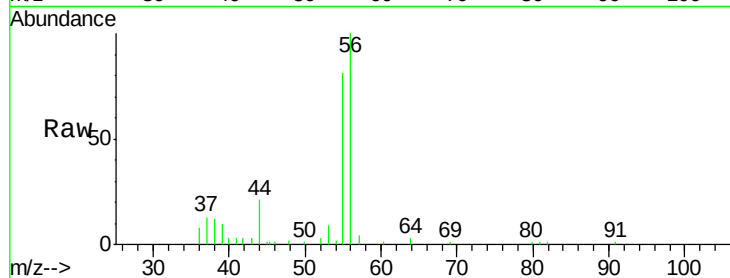
VX0504MBS01

Tgt Ion: 56 Resp: 13408

Ion Ratio Lower Upper

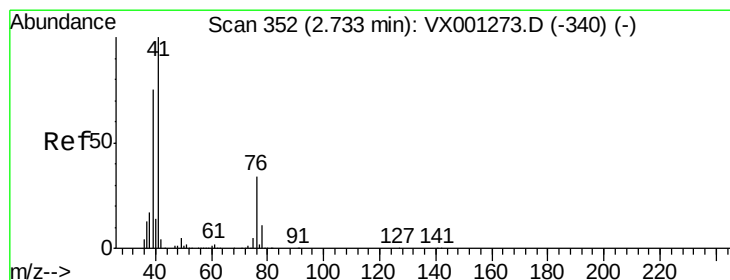
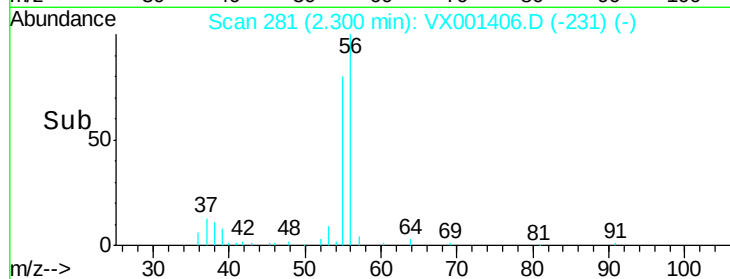
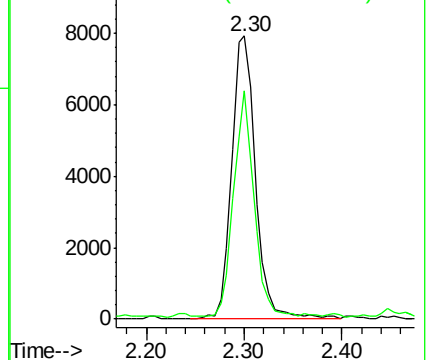
56 100

55 68.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.33 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

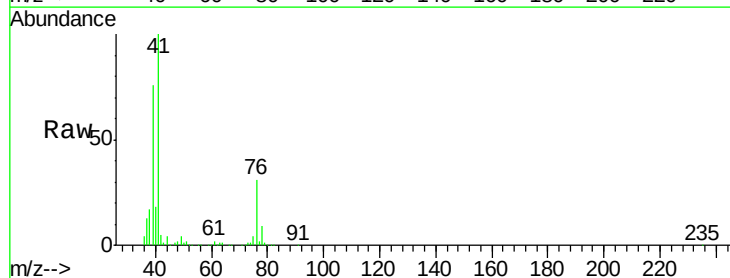
Tgt Ion: 41 Resp: 54929

Ion Ratio Lower Upper

41 100

39 73.3 58.1 87.1

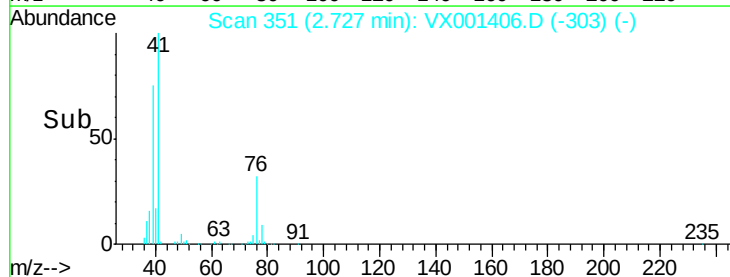
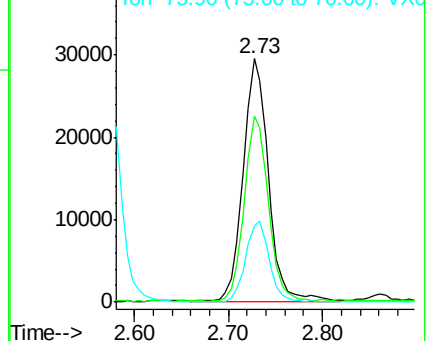
76 31.3 25.1 37.7

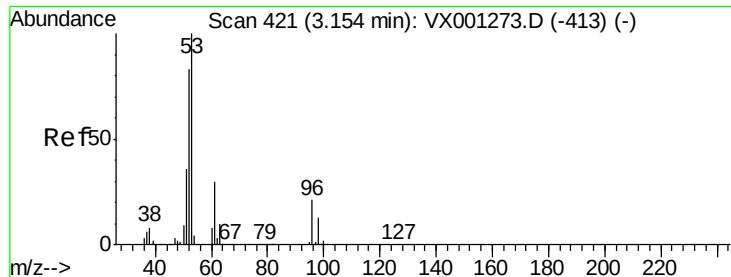


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 153.14 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

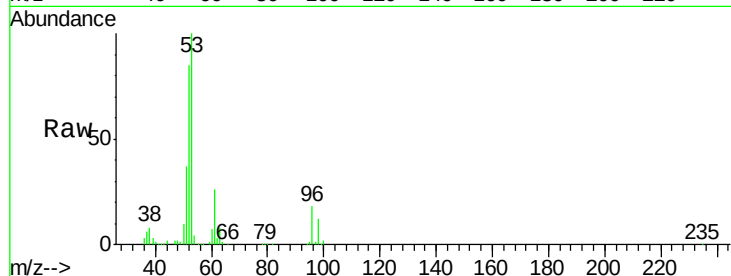
Tgt Ion: 53 Resp: 113392

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

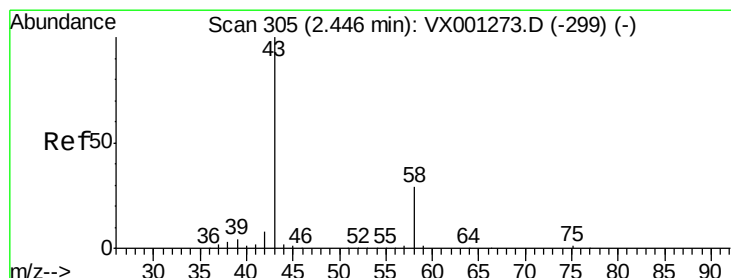
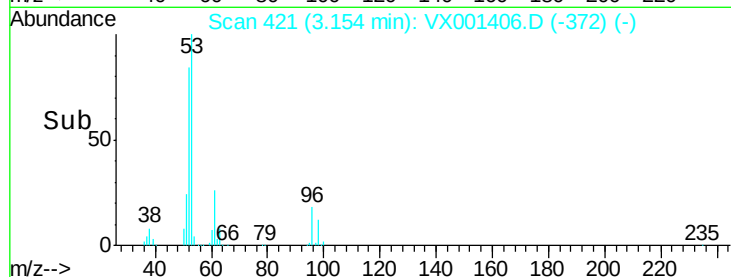
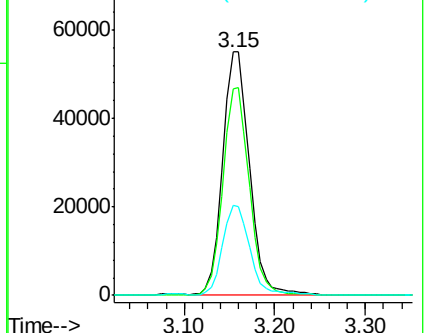
51 38.0 29.9 44.9



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: 136.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001406.D

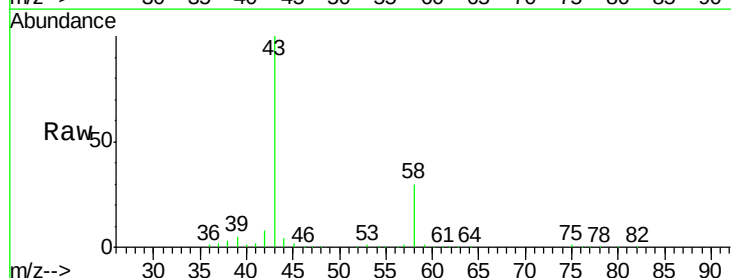
Acq: 04 May 2018 19:26

Tgt Ion: 43 Resp: 108400

Ion Ratio Lower Upper

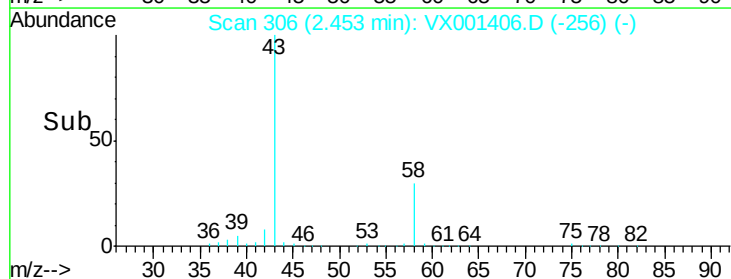
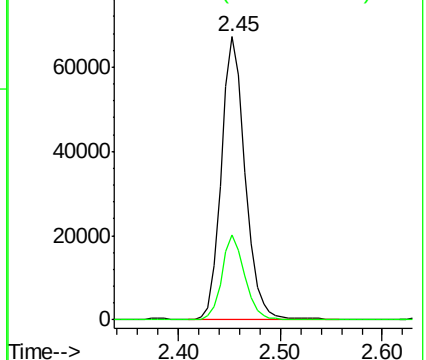
43 100

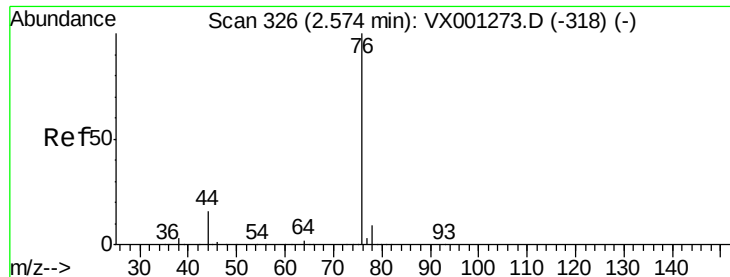
58 30.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.86 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

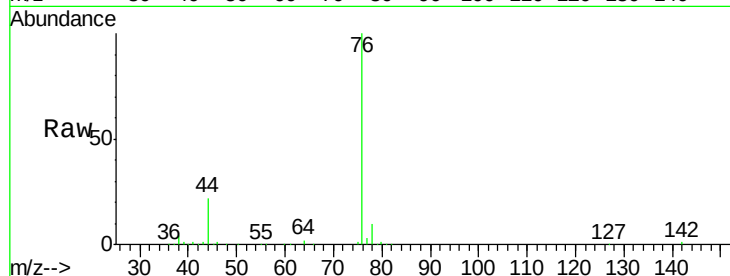
VX0504MBS01

Tgt Ion: 76 Resp: 59100

Ion Ratio Lower Upper

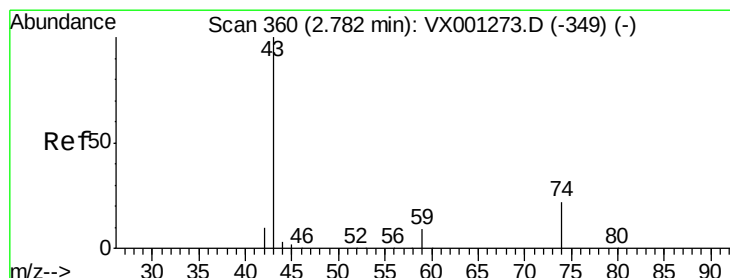
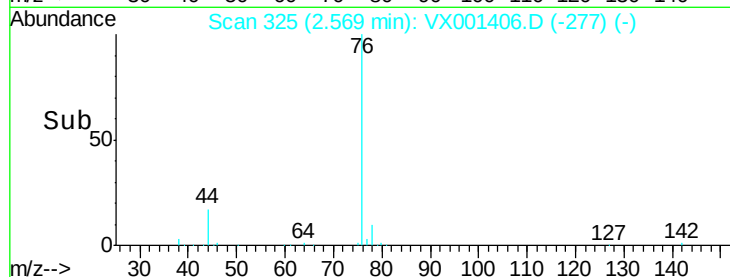
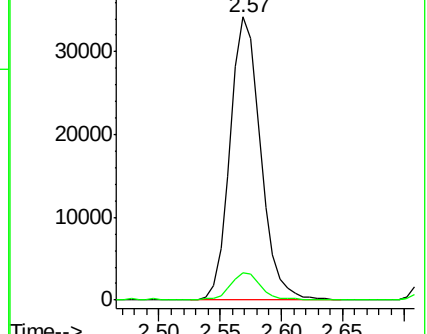
76 100

78 9.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 33.75 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001406.D

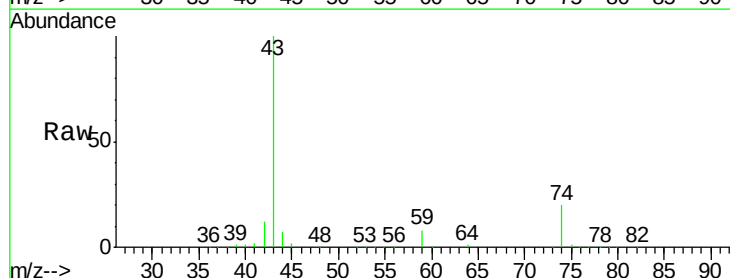
Acq: 04 May 2018 19:26

Tgt Ion: 43 Resp: 63179

Ion Ratio Lower Upper

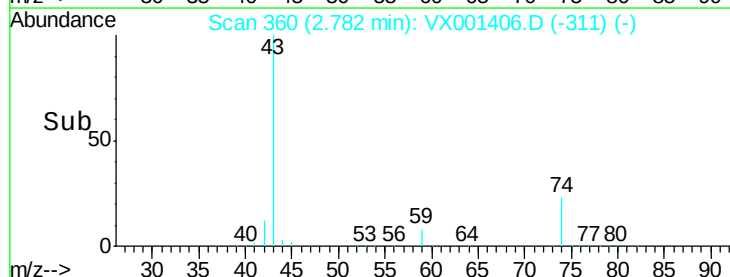
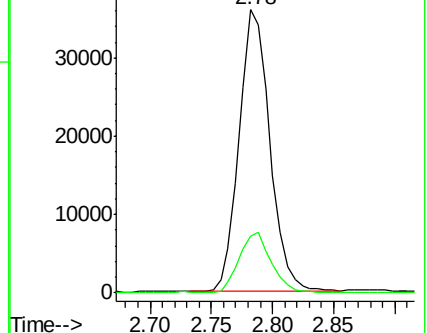
43 100

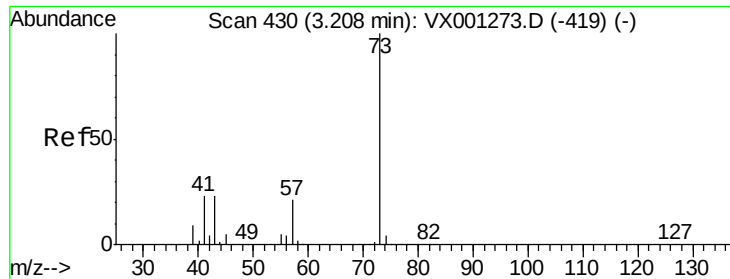
74 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

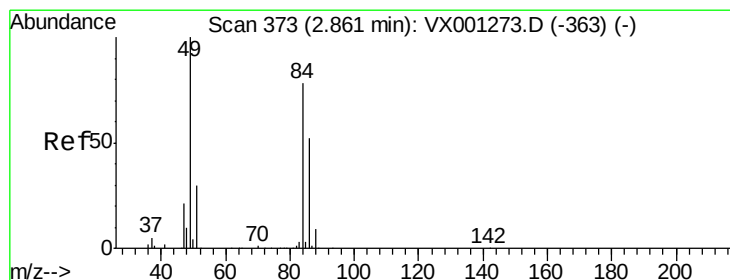
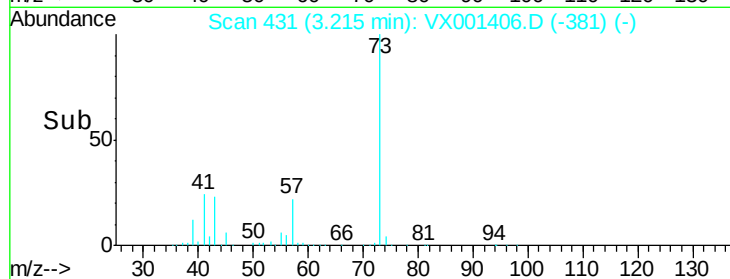
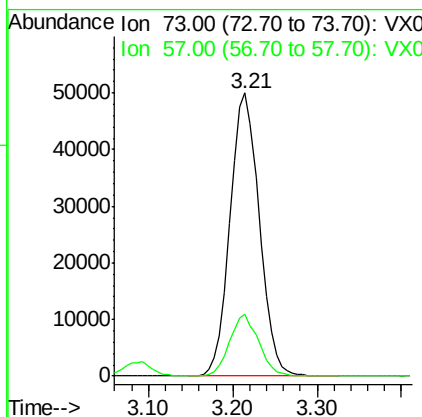
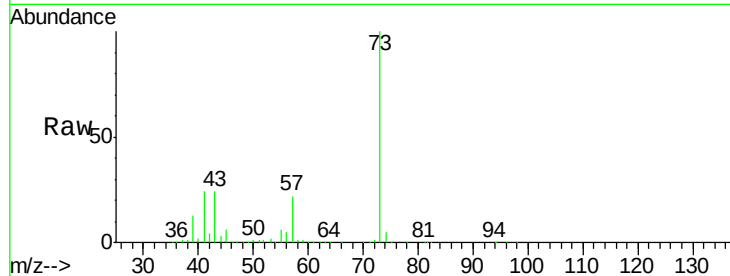




#19
Methyl tert-butyl Ether
Concen: 25.69 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

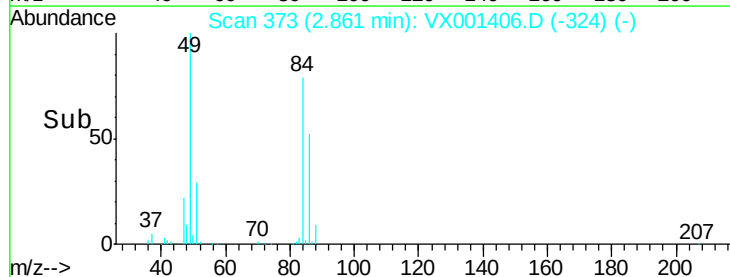
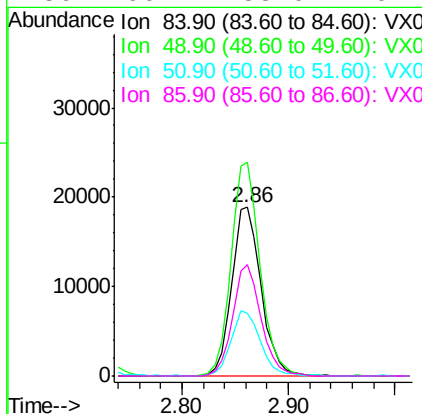
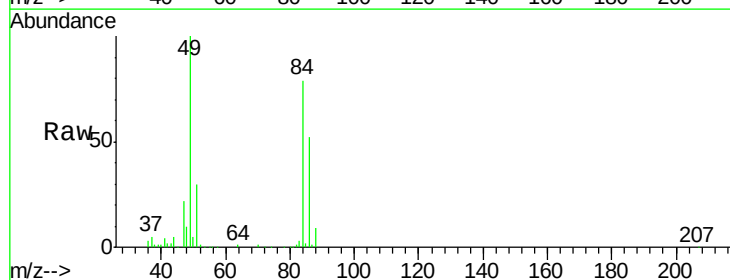
Instrument :
MSVOA_X
ClientSampled :
VX0504MBS01

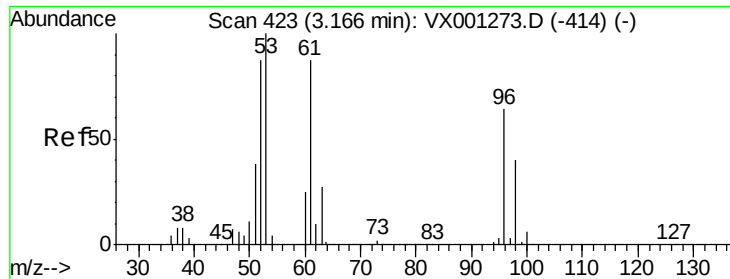
Tgt Ion: 73 Resp: 117743
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 24.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion: 84 Resp: 36574
Ion Ratio Lower Upper
84 100
49 126.7 102.8 154.2
51 37.3 30.9 46.3
86 66.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 21.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

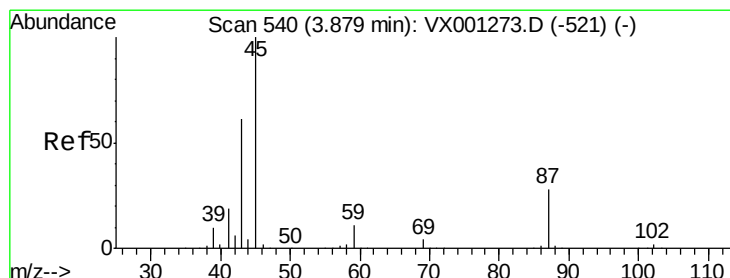
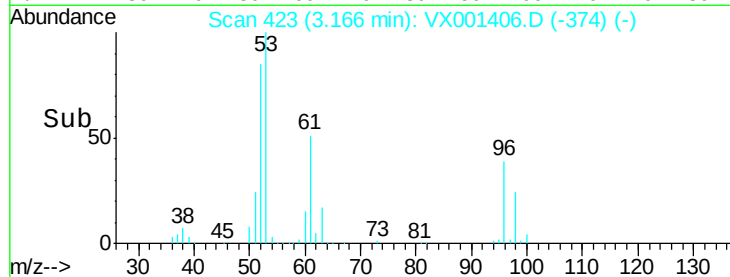
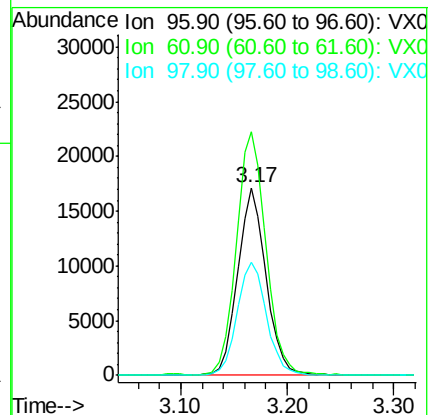
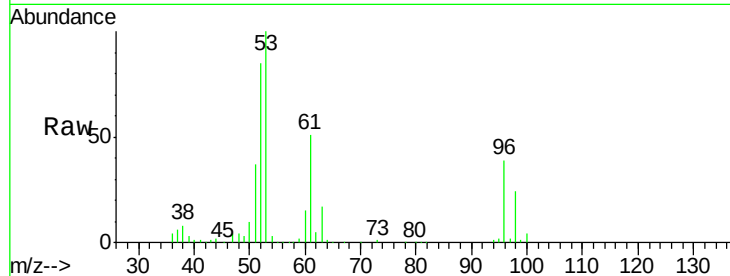
Tgt Ion: 96 Resp: 31978

Ion Ratio Lower Upper

96 100

61 129.7 108.6 162.8

98 60.2 49.7 74.5



#22

Diisopropyl ether

Concen: 25.57 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Tgt Ion: 45 Resp: 115955

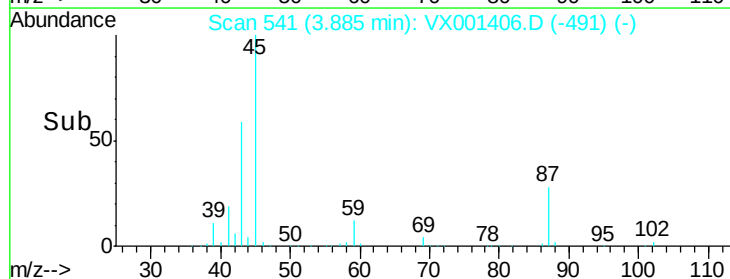
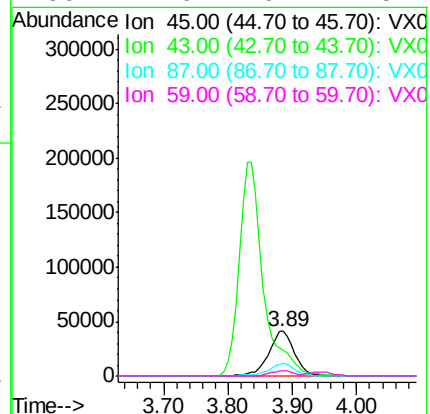
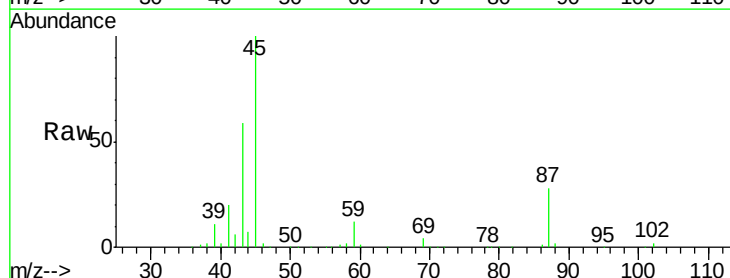
Ion Ratio Lower Upper

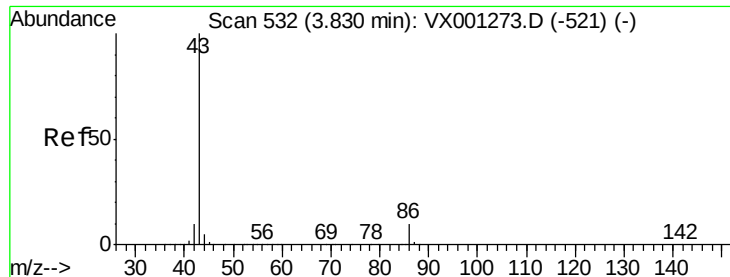
45 100

43 58.8 48.7 73.1

87 27.8 22.2 33.4

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 133.85 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

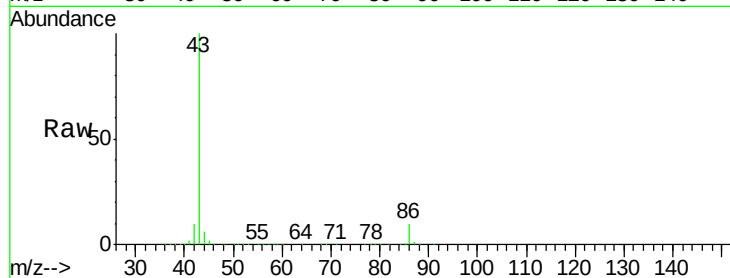
VX0504MBS01

Tgt Ion: 43 Resp: 514271

Ion Ratio Lower Upper

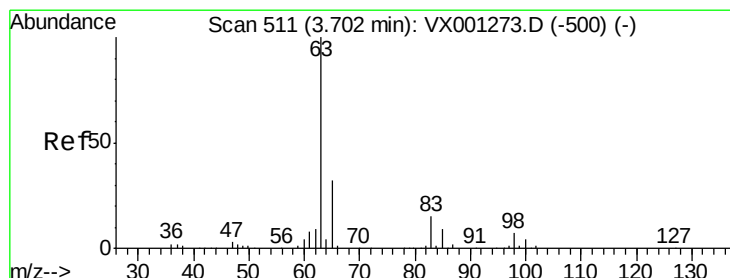
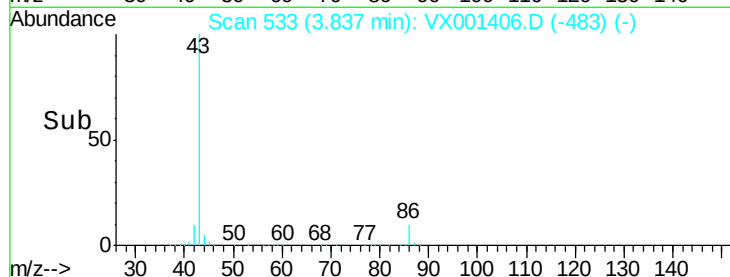
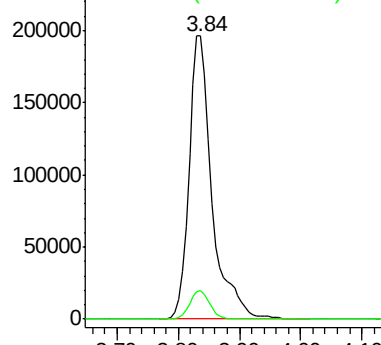
43 100

86 10.2 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: 24.99 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

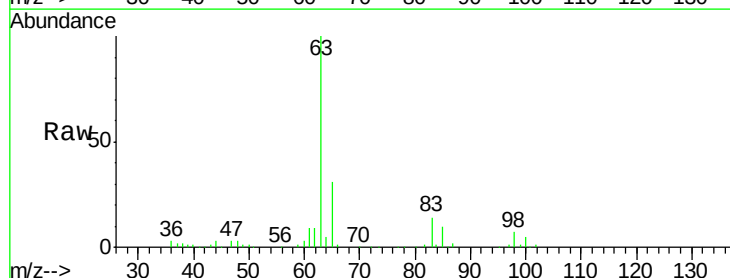
Tgt Ion: 63 Resp: 63106

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

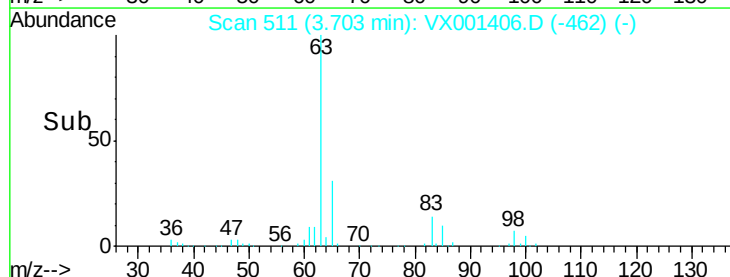
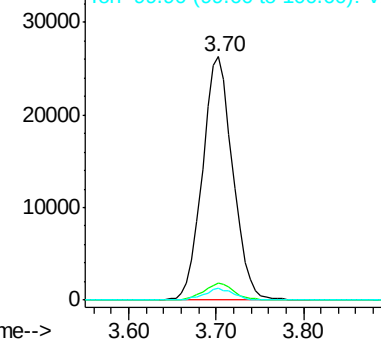
100 5.0 2.3 6.8

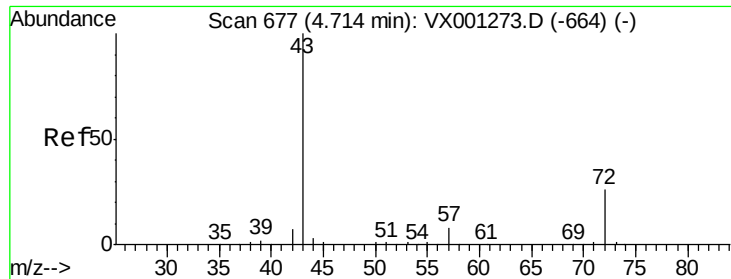


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 138.91 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

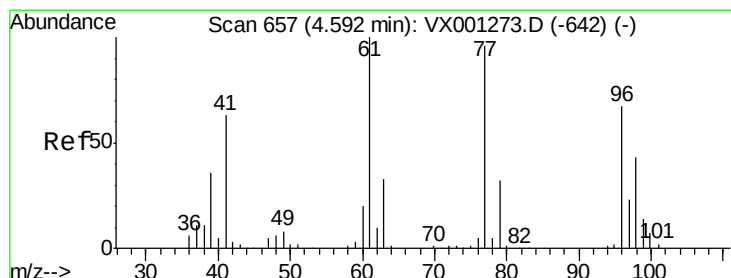
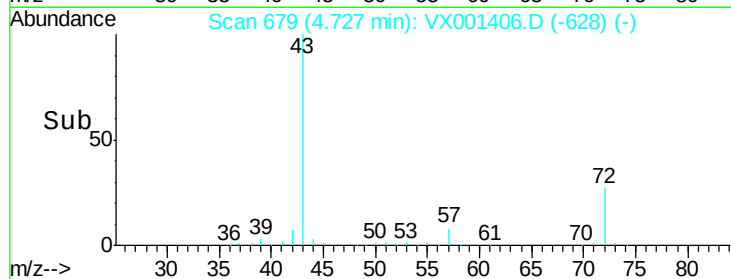
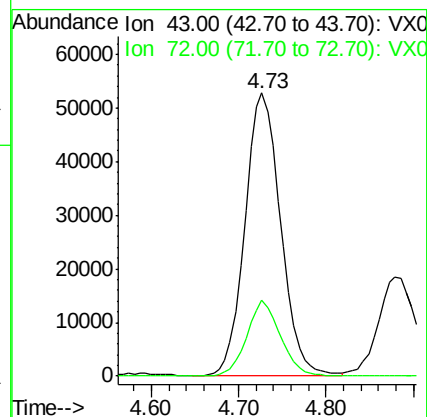
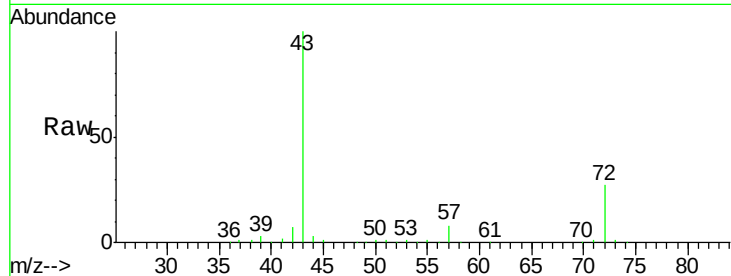
VX0504MBS01

Tgt Ion: 43 Resp: 148870

Ion Ratio Lower Upper

43 100

72 26.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 17.72 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001406.D

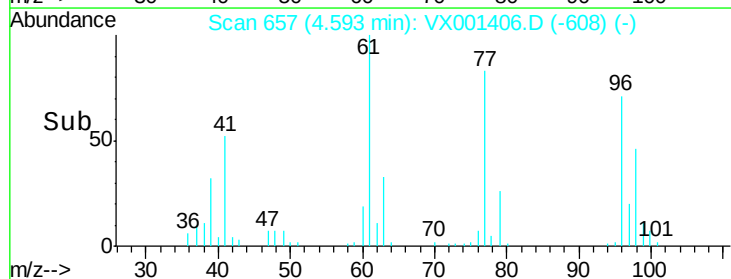
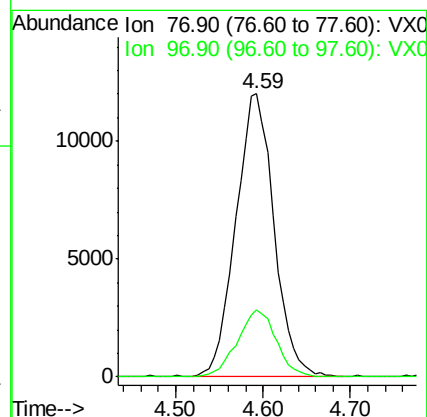
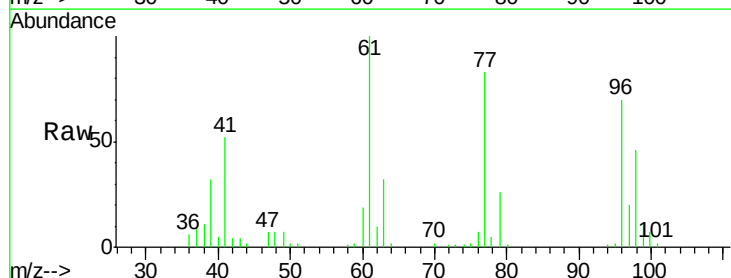
Acq: 04 May 2018 19:26

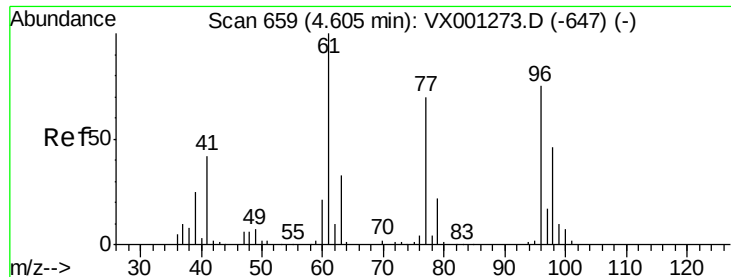
Tgt Ion: 77 Resp: 36425

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 21.73 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

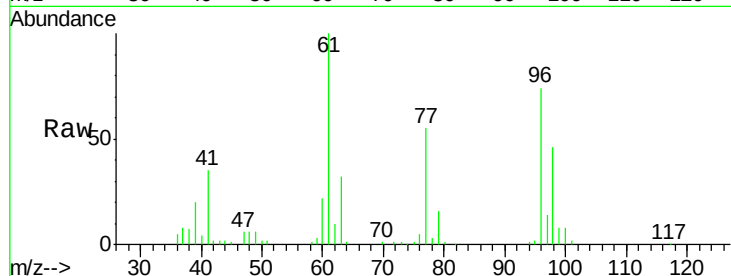
Tgt Ion: 96 Resp: 34977

Ion Ratio Lower Upper

96 100

61 151.6 0.0 288.0

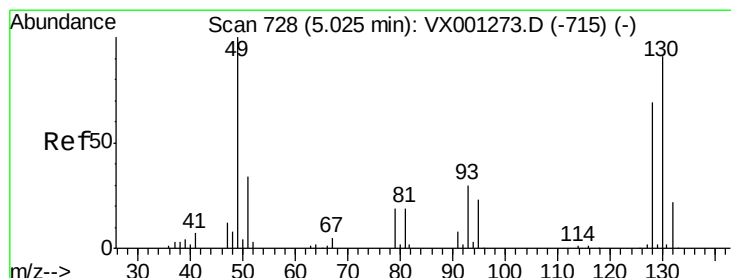
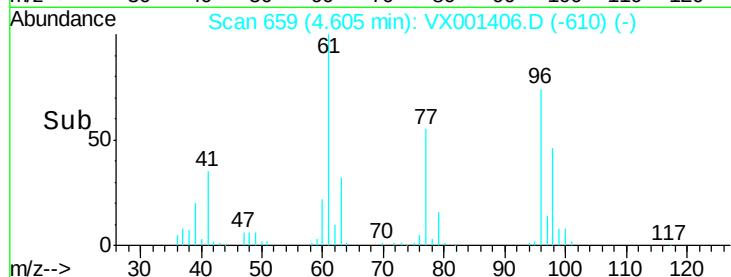
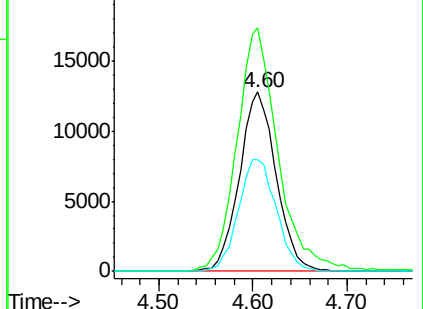
98 64.1 0.0 130.2



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: 26.14 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

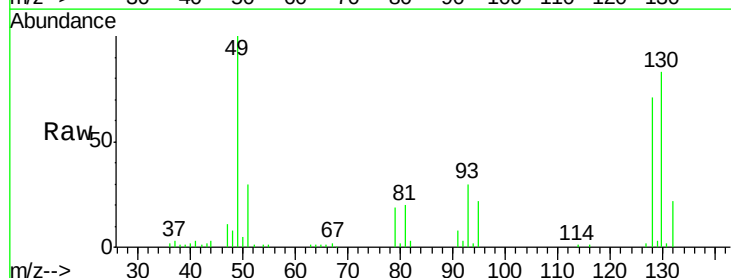
Tgt Ion: 49 Resp: 29683

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

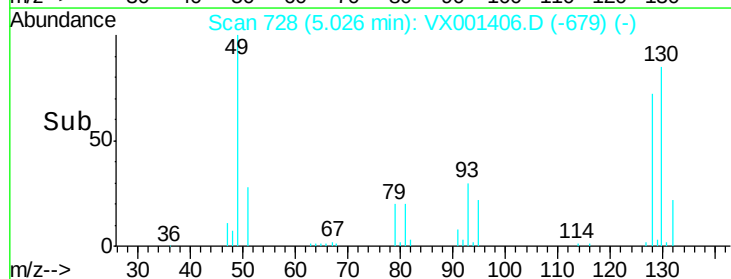
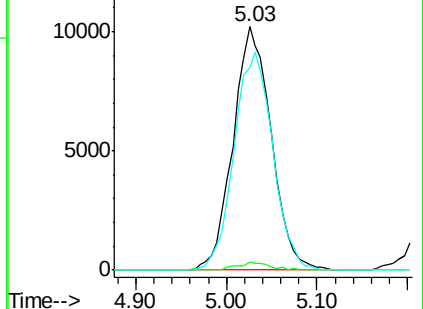
130 91.2 70.4 105.6

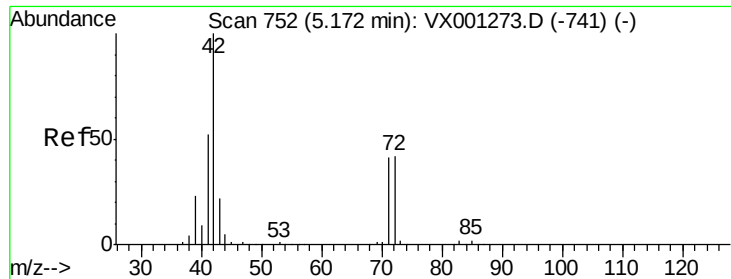


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

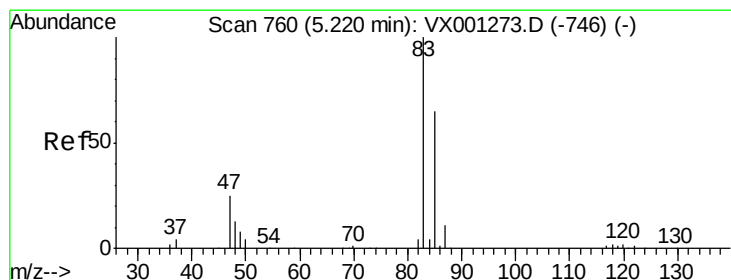
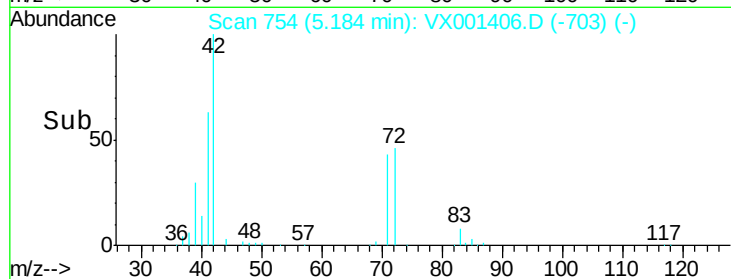
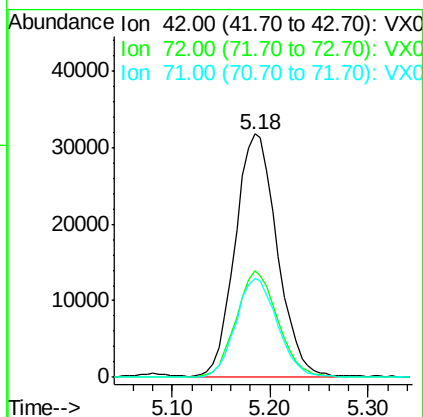
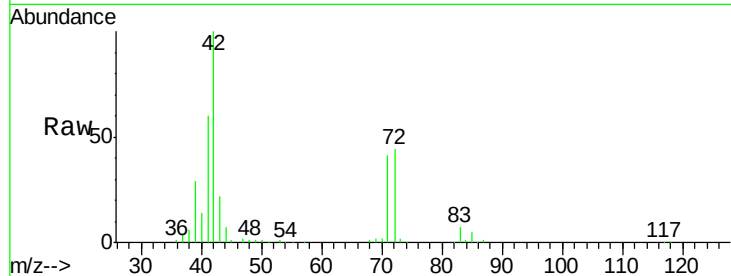




#29
Tetrahydrofuran
Concen: 142.95 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

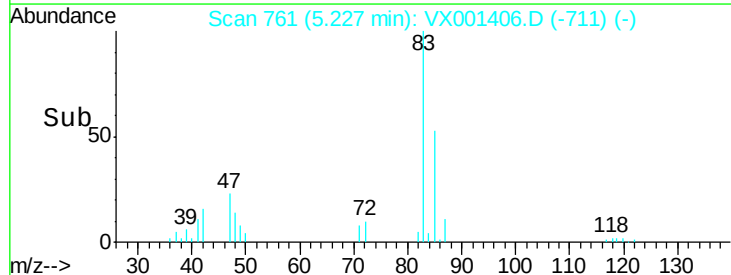
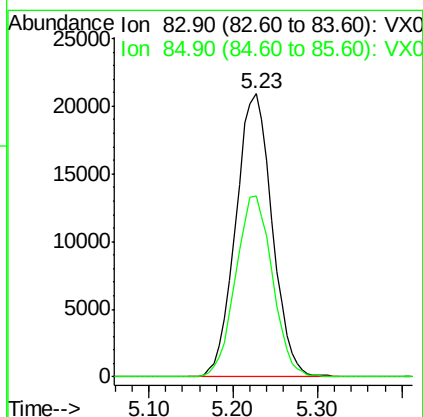
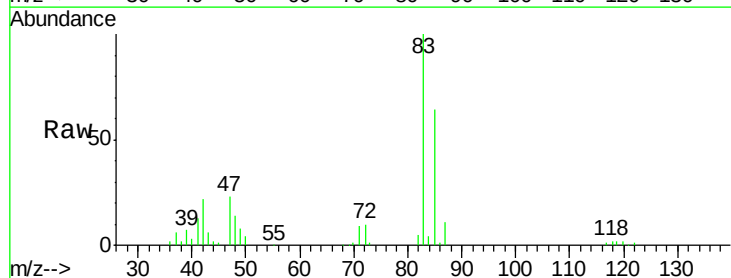
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

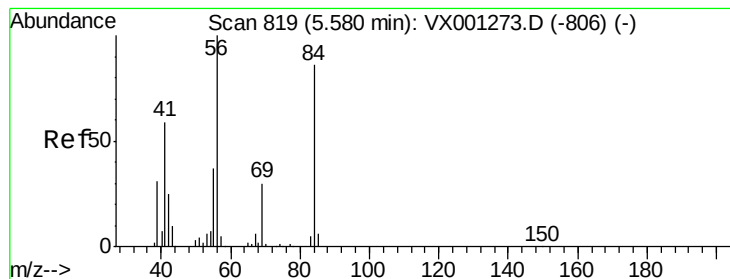
Tgt Ion: 42 Resp: 94224
Ion Ratio Lower Upper
42 100
72 43.9 34.6 52.0
71 40.7 32.7 49.1



#30
Chloroform
Concen: 22.91 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion: 83 Resp: 61158
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.2





#31

Cyclohexane

Concen: 17.69 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

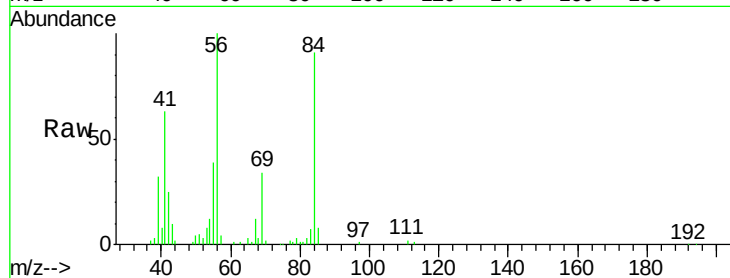
Tgt Ion: 56 Resp: 40359

Ion Ratio Lower Upper

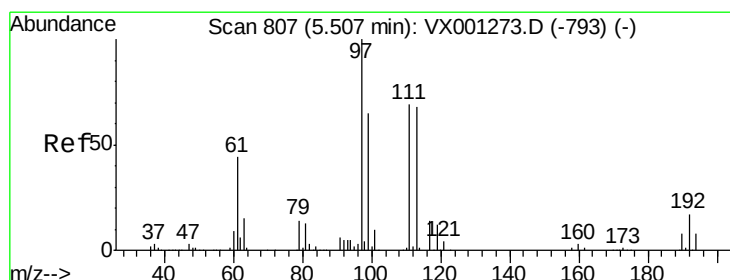
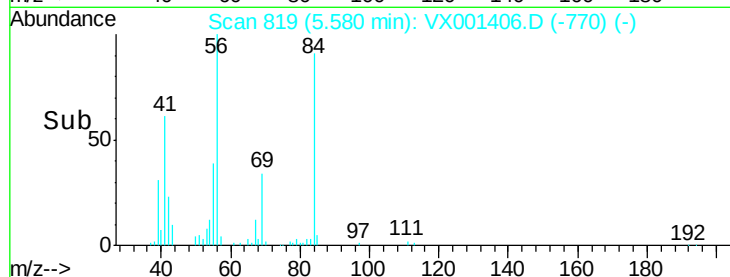
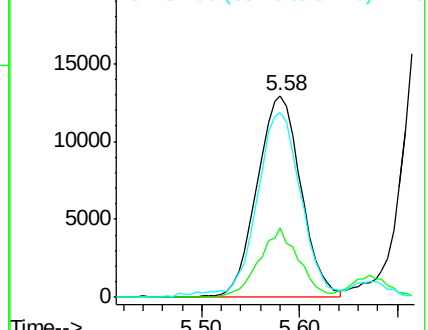
56 100

69 34.4 24.0 36.0

84 89.7 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: 20.96 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

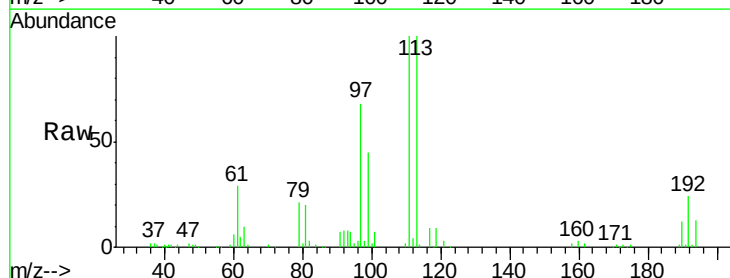
Tgt Ion: 97 Resp: 48920

Ion Ratio Lower Upper

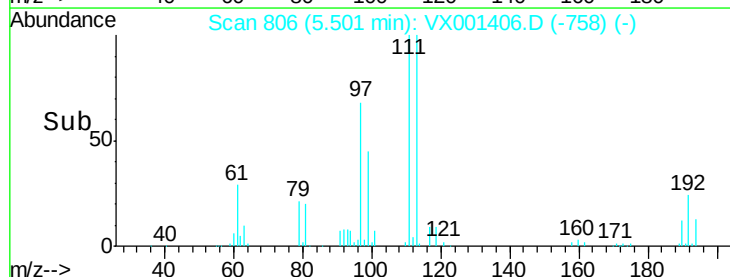
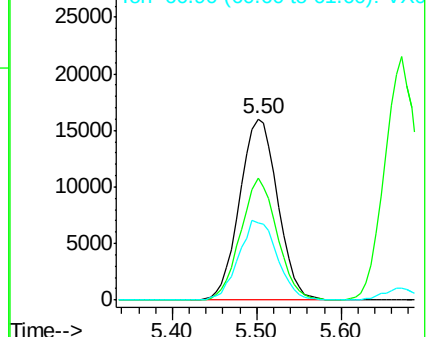
97 100

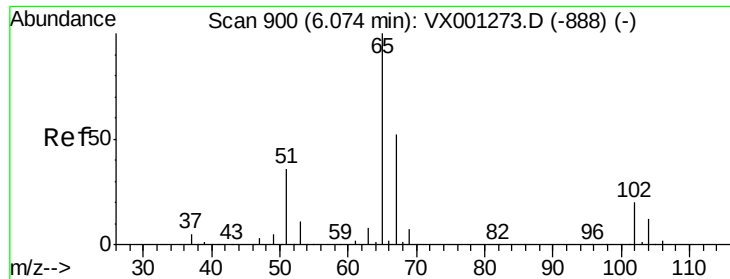
99 64.6 51.8 77.6

61 44.6 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

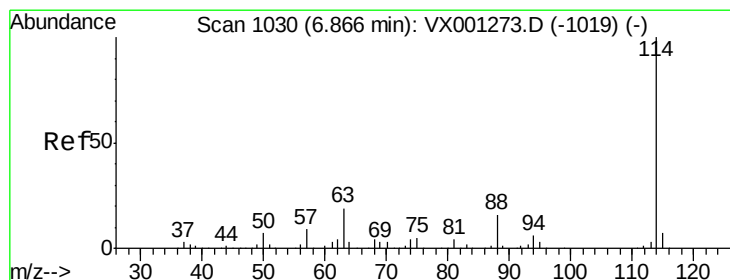
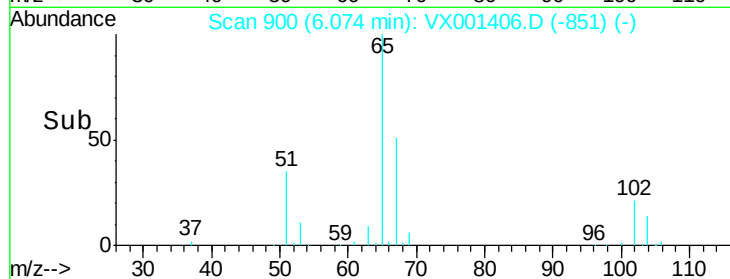
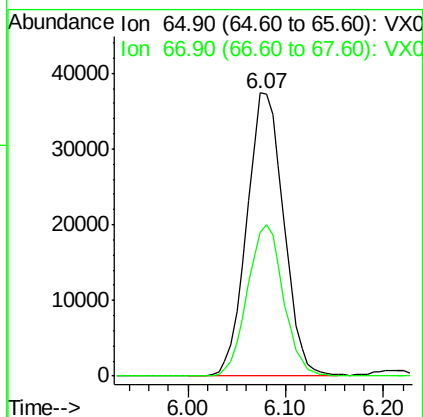
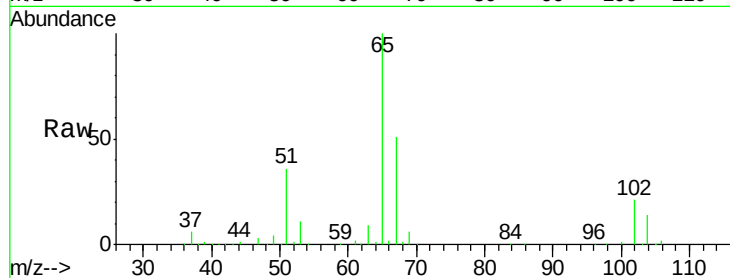




#33
 1,2-Dichloroethane-d4
 Concen: 52.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

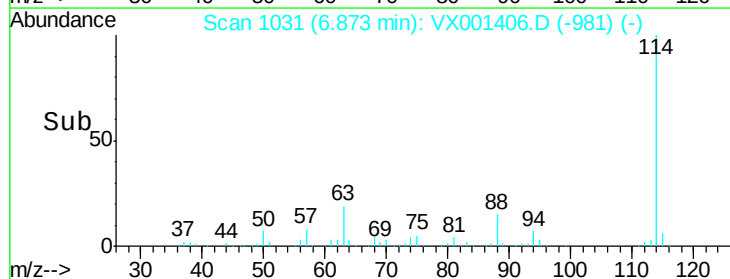
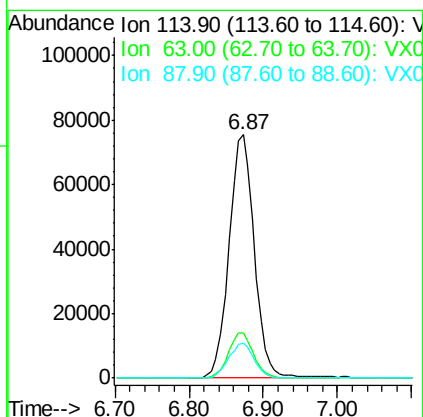
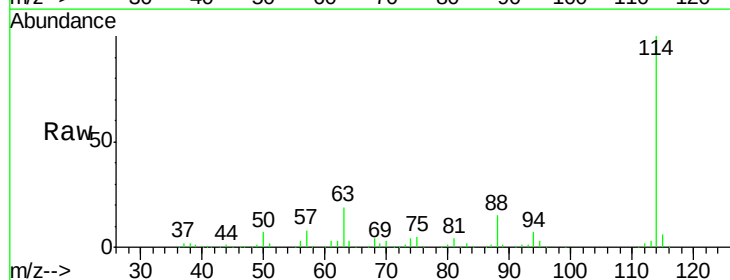
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

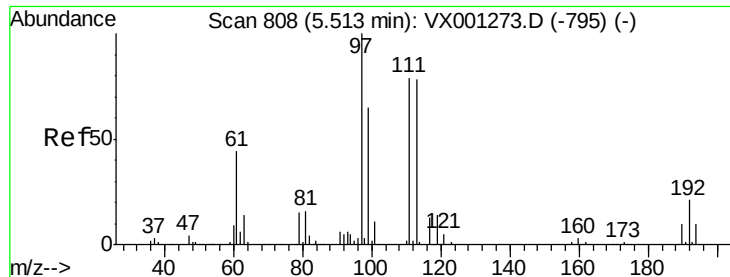
Tgt Ion: 65 Resp: 97968
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 114 Resp: 179454
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 14.5 0.0 32.2

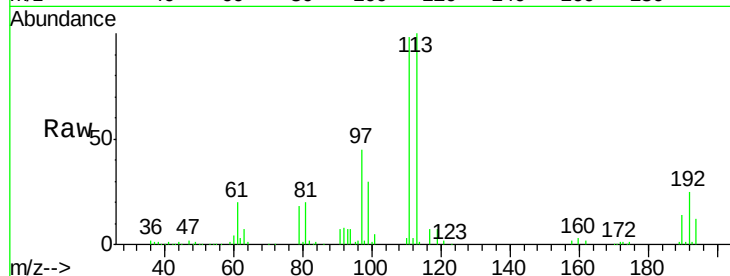




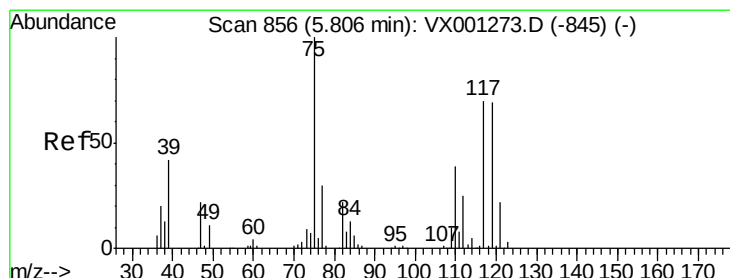
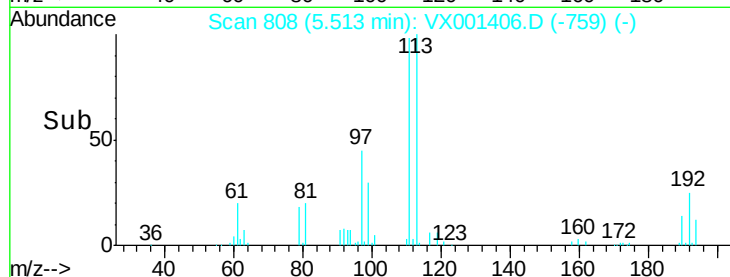
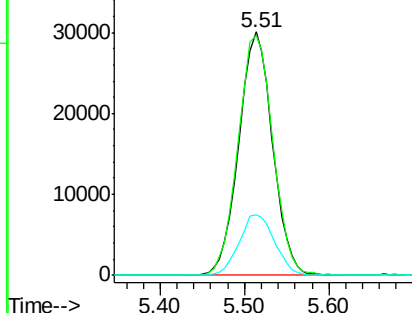
#35
 Dibromofluoromethane
 Concen: 52.64 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

Tgt Ion:113 Resp: 81378
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 26.2 20.7 31.1

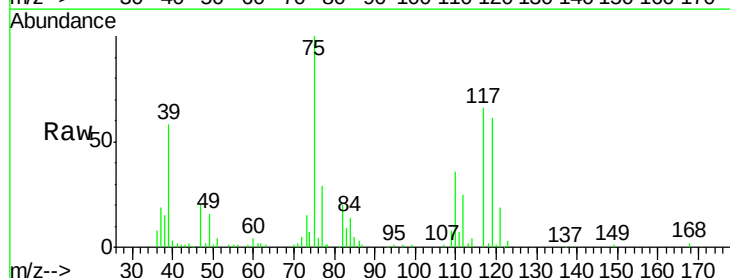


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

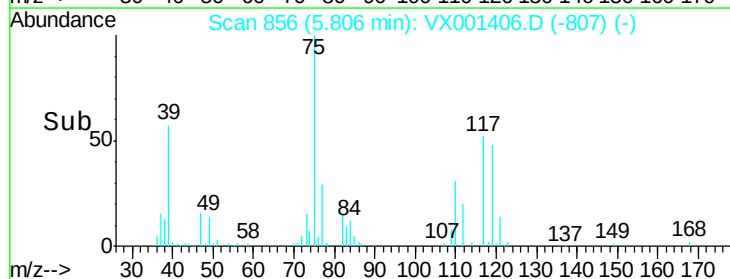
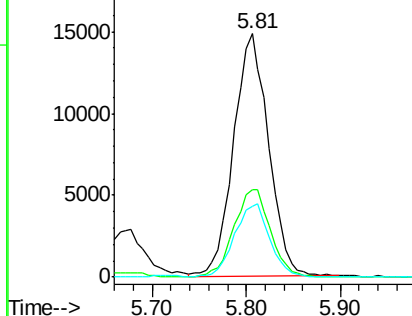


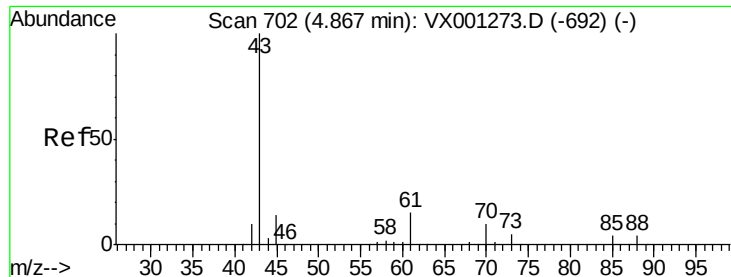
#36
 1,1-Dichloropropene
 Concen: 18.47 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 75 Resp: 38257
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.9 56.9
 77 30.5 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

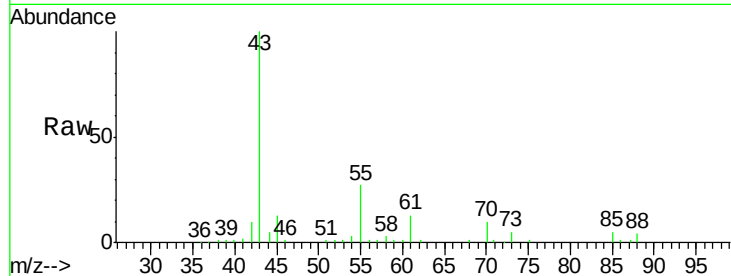




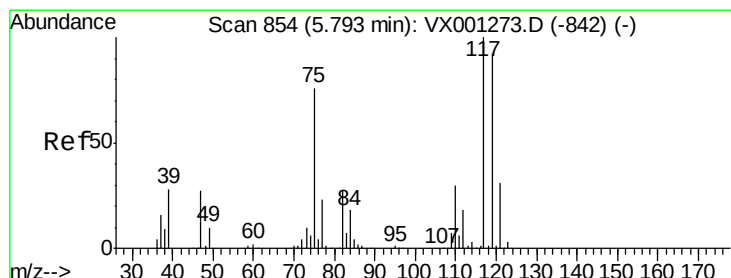
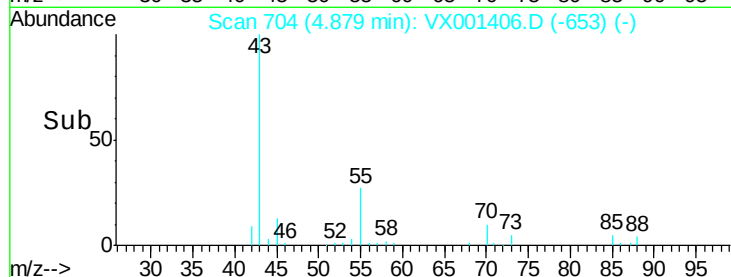
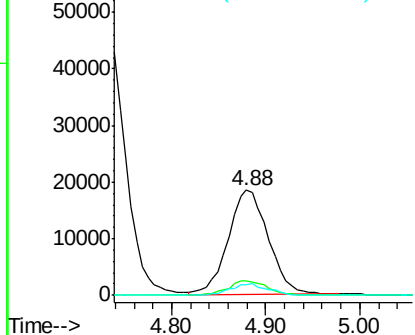
#37
Ethyl Acetate
Concen: 26.07 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

Tgt Ion: 43 Resp: 54528
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.5 8.0 12.0

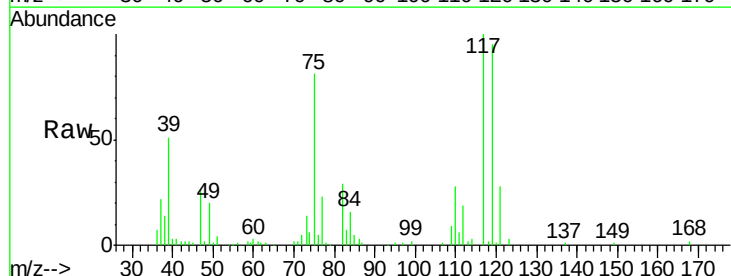


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

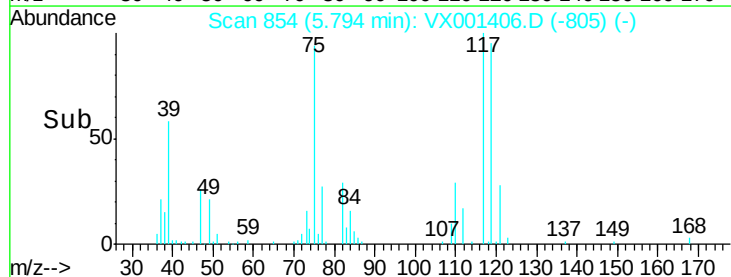
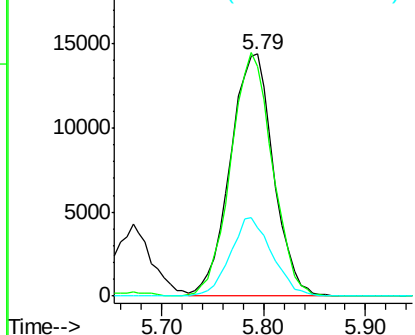


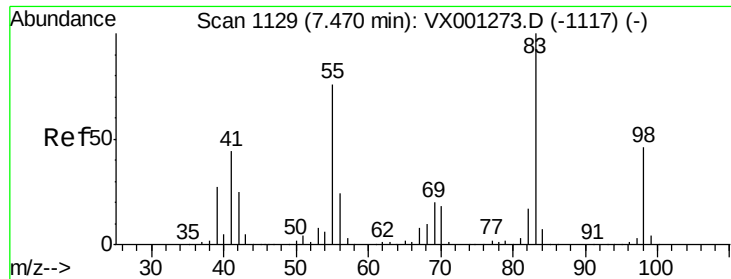
#38
Carbon Tetrachloride
Concen: 19.54 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion: 117 Resp: 42395
Ion Ratio Lower Upper
117 100
119 94.9 73.4 110.2
121 28.4 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

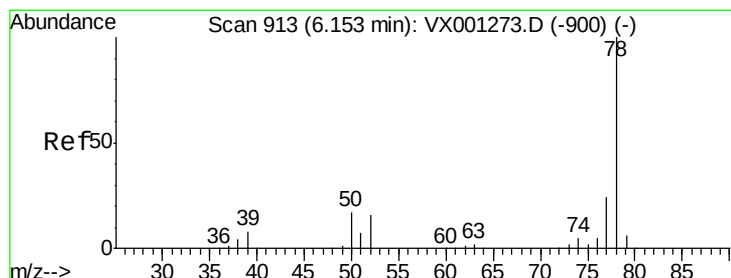
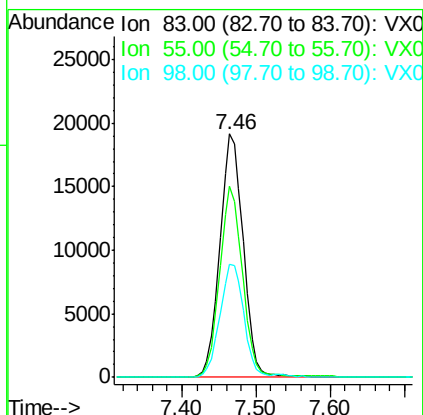
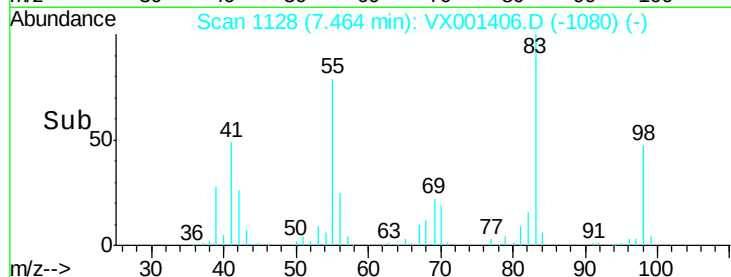
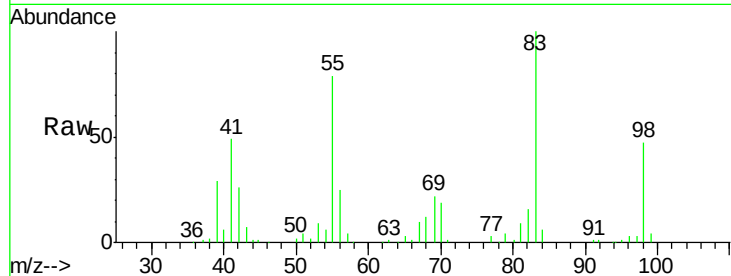




#39
Methylcyclohexane
Concen: 17.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

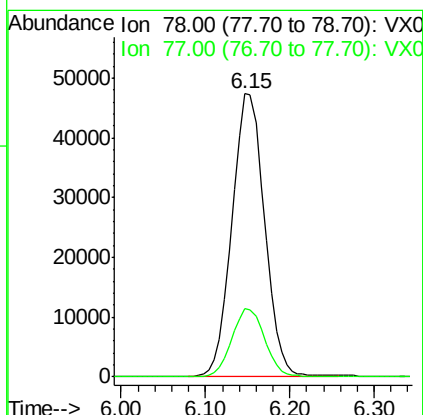
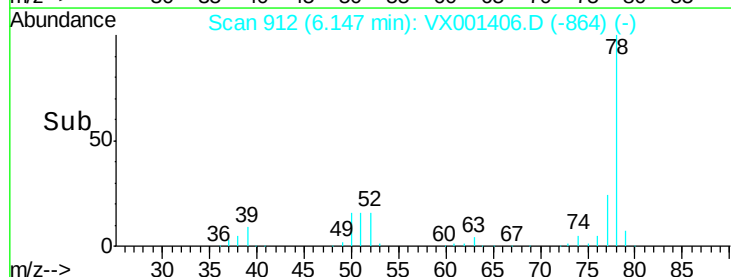
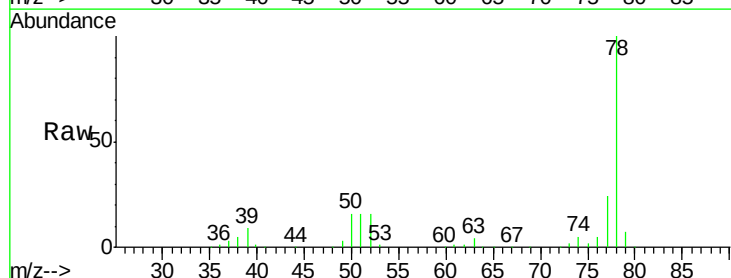
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

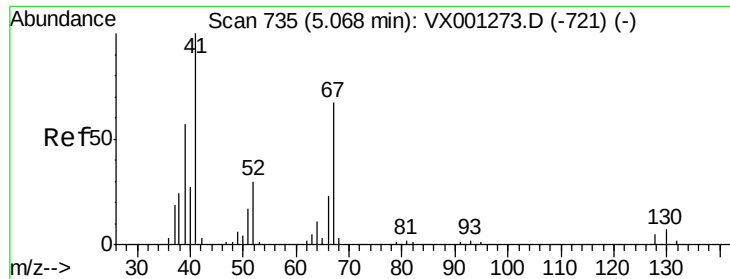
Tgt Ion: 83 Resp: 41931
Ion Ratio Lower Upper
83 100
55 78.8 60.4 90.6
98 46.6 37.0 55.6



#40
Benzene
Concen: 20.90 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion: 78 Resp: 124546
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

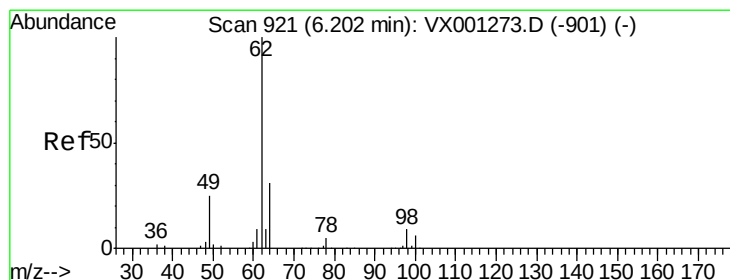
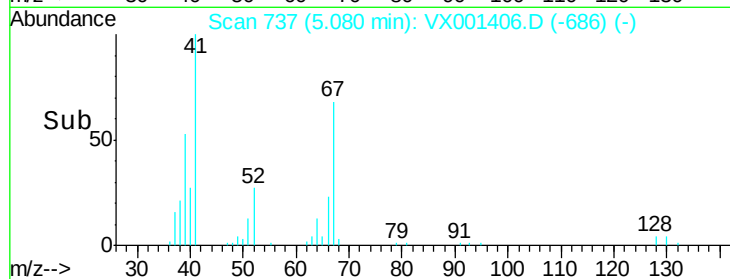
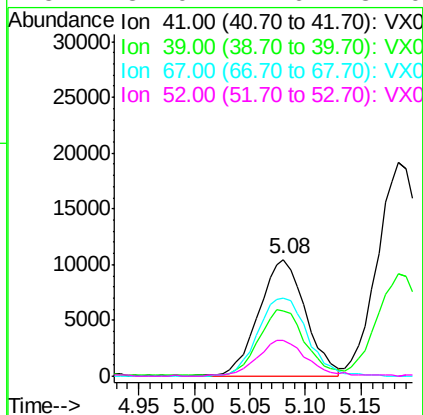
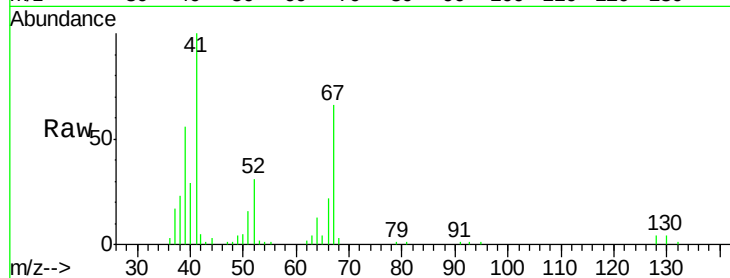




#41
Methacrylonitrile
Concen: 25.20 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

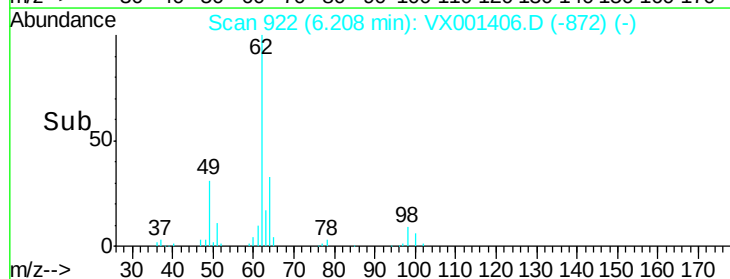
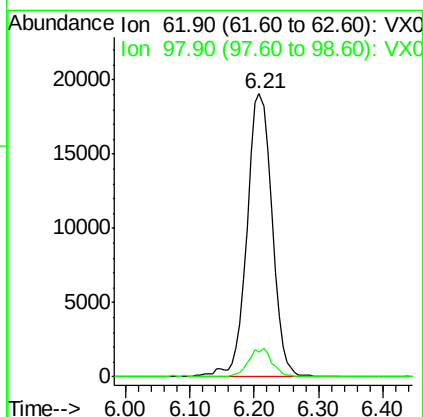
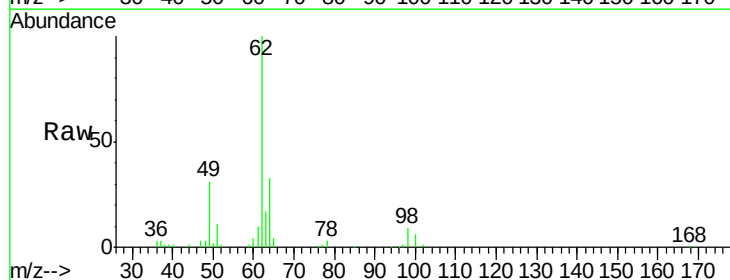
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

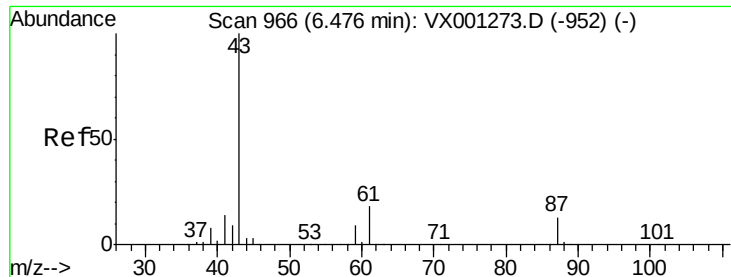
Tgt Ion:	41	Resp:	30693
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	70.7	54.8	82.2
52	32.0	24.6	37.0



#42
1,2-Dichloroethane
Concen: 22.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:	62	Resp:	50857
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.2



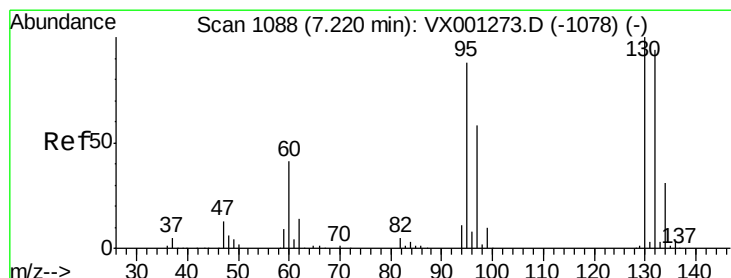
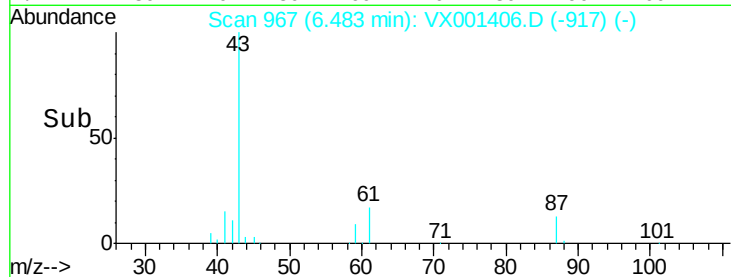
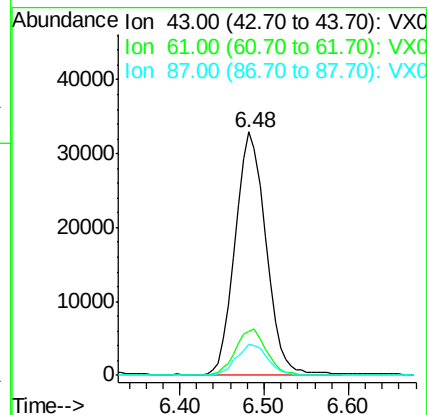
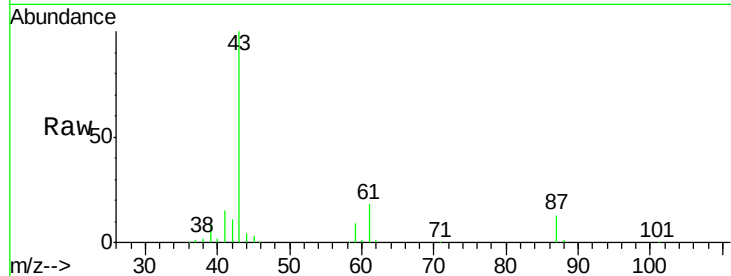


#43

Isopropyl Acetate
 Concen: 23.98 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

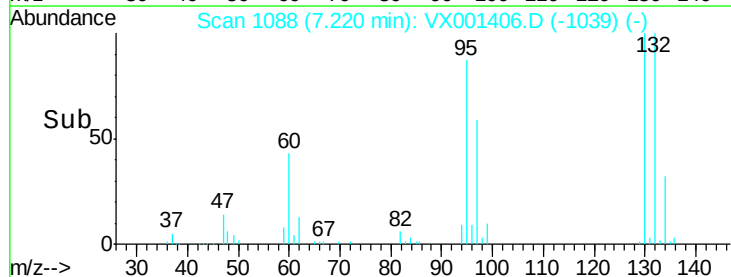
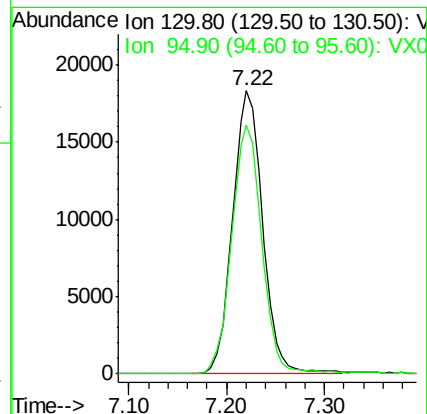
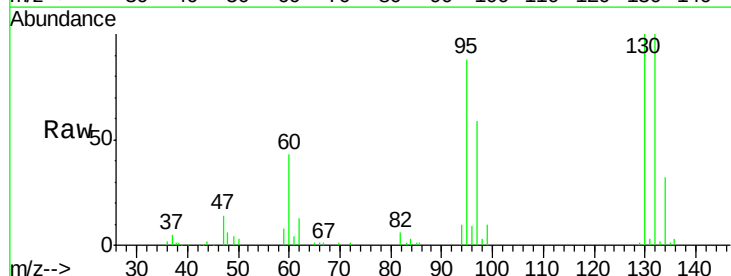
Tgt Ion: 43 Resp: 81187
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.0 22.4
 87 13.0 10.2 15.4

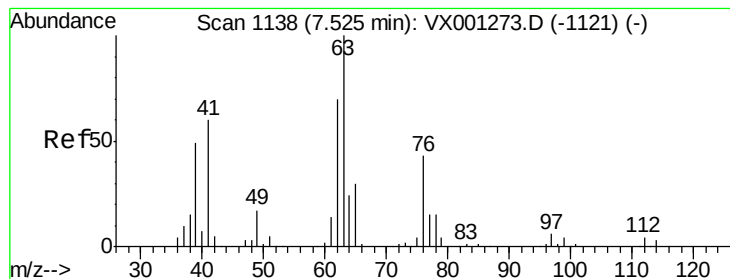


#44

Trichloroethene
 Concen: 21.45 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 130 Resp: 39124
 Ion Ratio Lower Upper
 130 100
 95 87.7 0.0 176.0





#45

1,2-Dichloropropane

Concen: 21.81 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

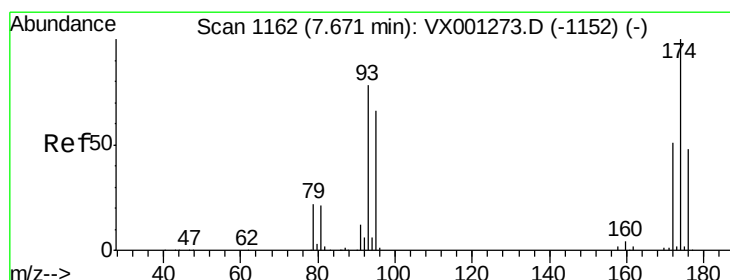
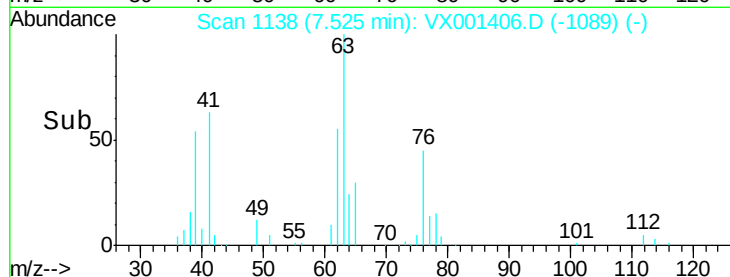
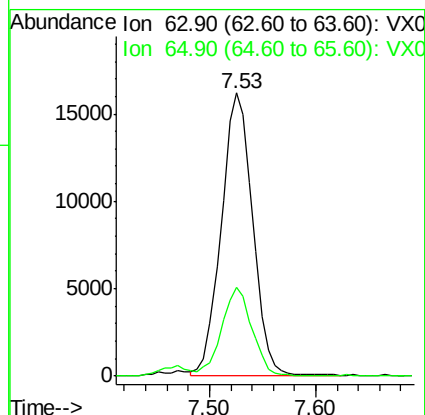
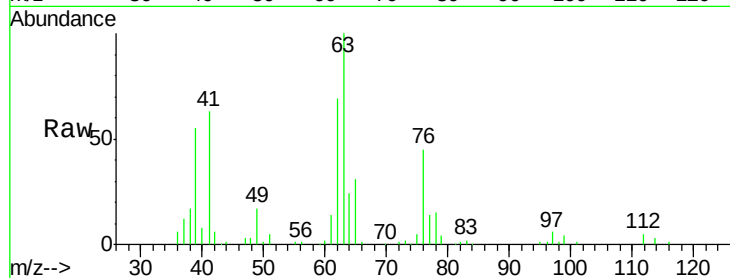
VX0504MBS01

Tgt Ion: 63 Resp: 33370

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 22.80 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

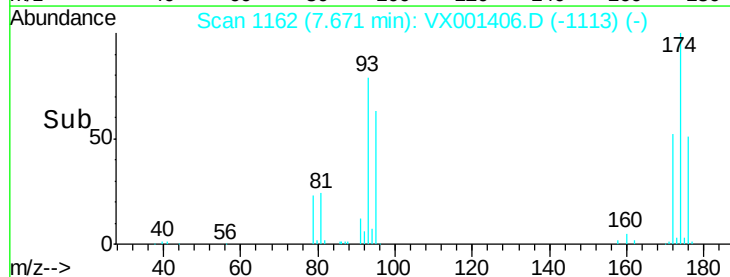
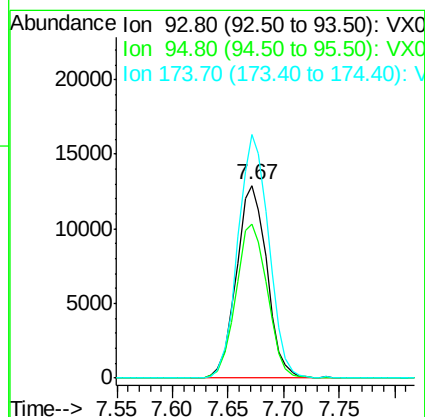
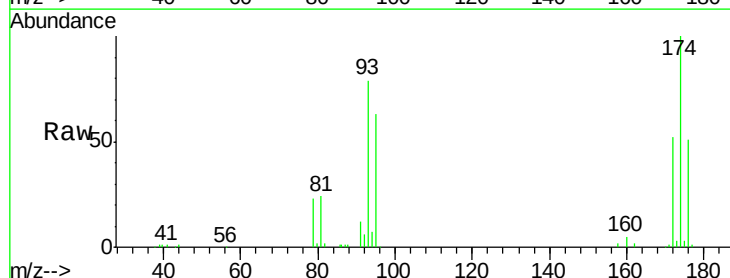
Tgt Ion: 93 Resp: 24458

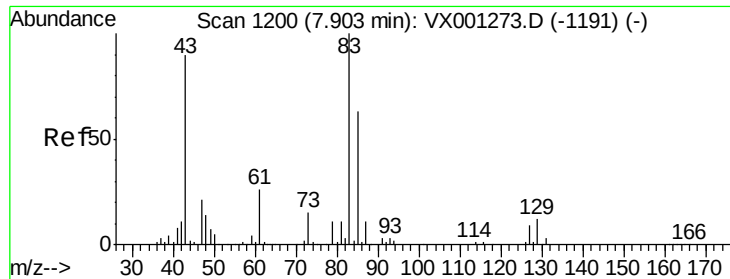
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 127.8 102.3 153.5





#47

Bromodichloromethane

Concen: 21.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

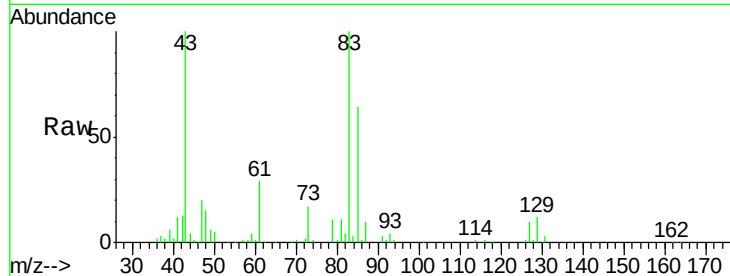
Tgt Ion: 83 Resp: 42131

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

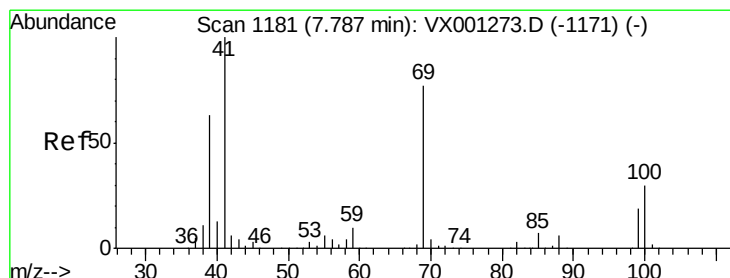
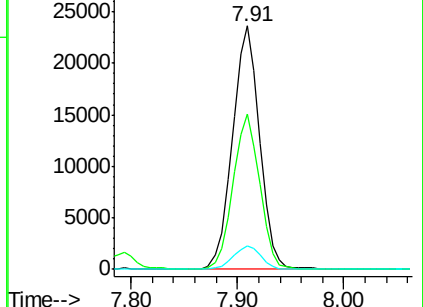
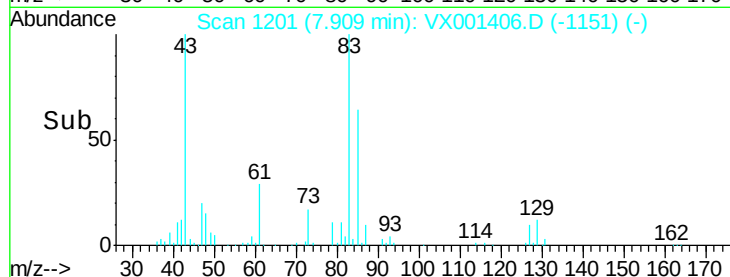
127 9.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.90 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

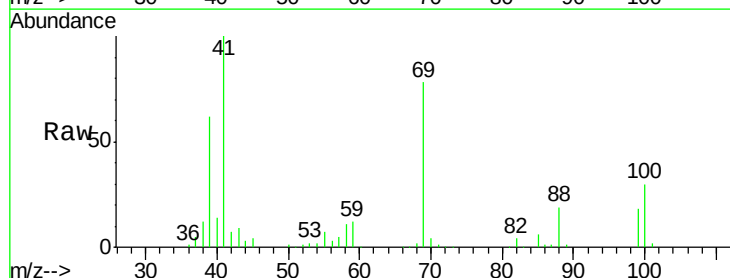
Tgt Ion: 41 Resp: 43012

Ion Ratio Lower Upper

41 100

69 81.7 63.0 94.6

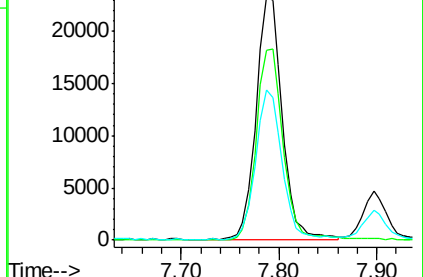
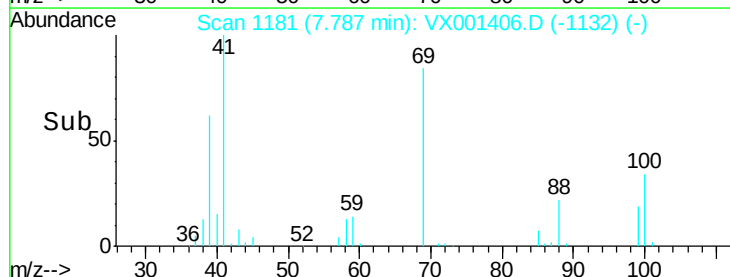
39 62.5 50.2 75.4

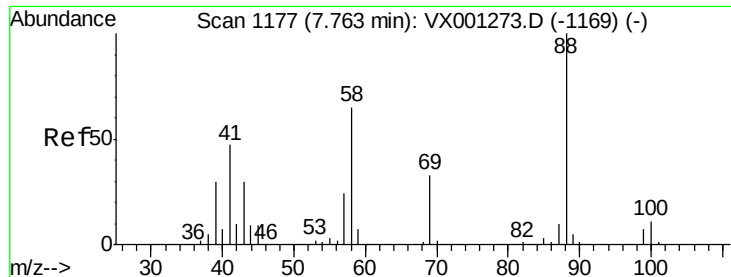


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

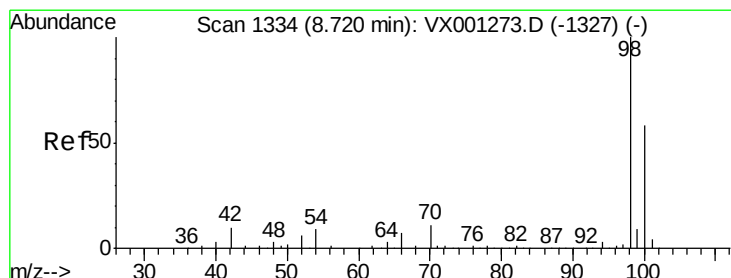
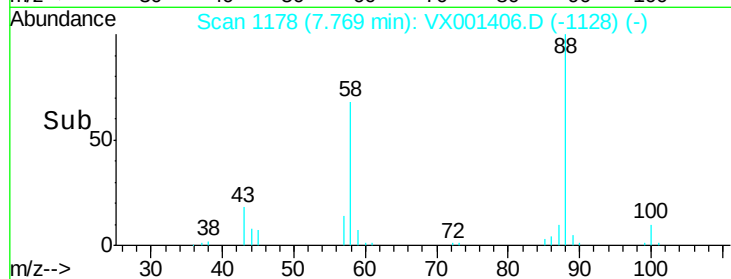
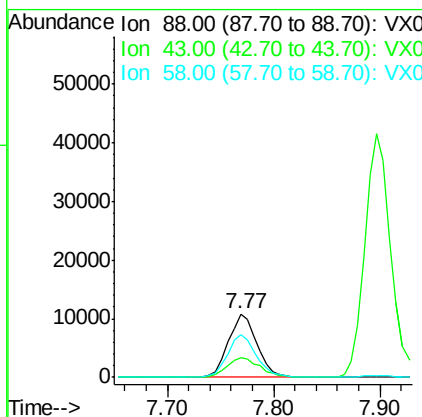
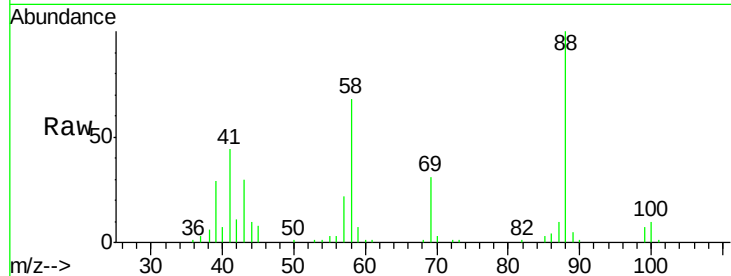




#49
 1,4-Dioxane
 Concen: 599.63 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

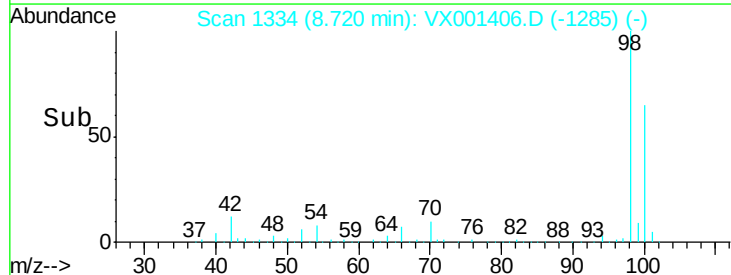
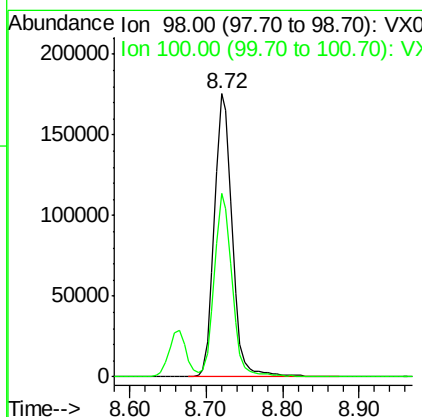
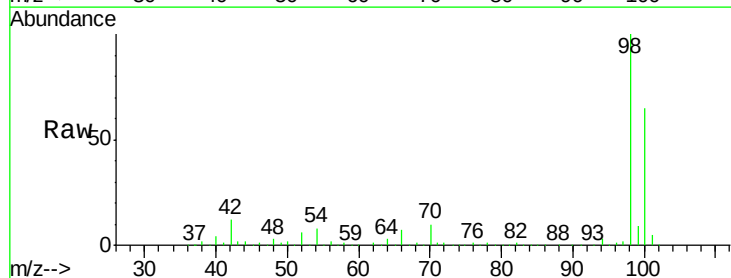
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

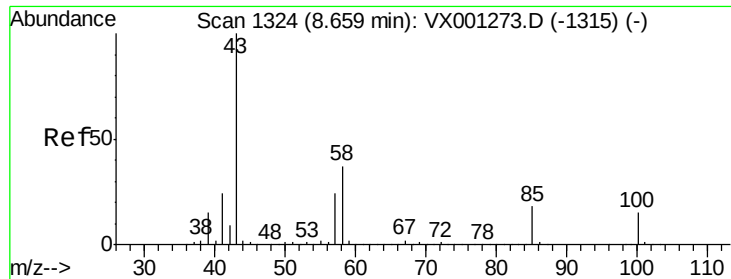
Tgt Ion: 88 Resp: 20367
 Ion Ratio Lower Upper
 88 100
 43 36.8 27.9 41.9
 58 67.9 54.2 81.2



#50
 Toluene-d8
 Concen: 51.33 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 98 Resp: 283493
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 138.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

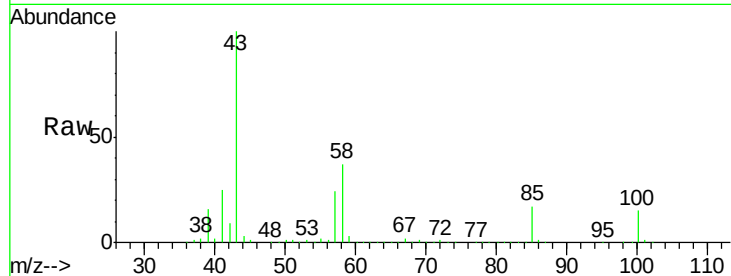
VX0504MBS01

Tgt Ion: 43 Resp: 301762

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

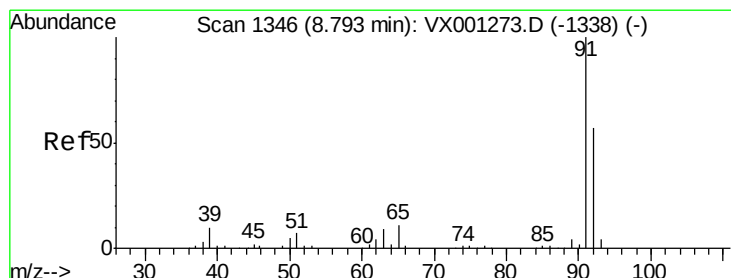
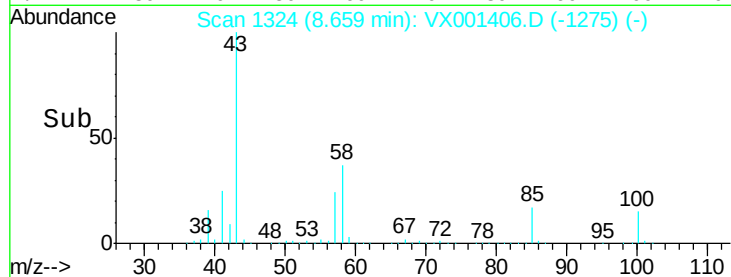
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.51 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001406.D

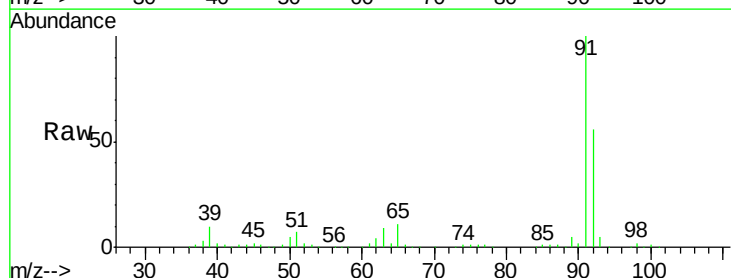
Acq: 04 May 2018 19:26

Tgt Ion: 92 Resp: 79883

Ion Ratio Lower Upper

92 100

91 176.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

60000

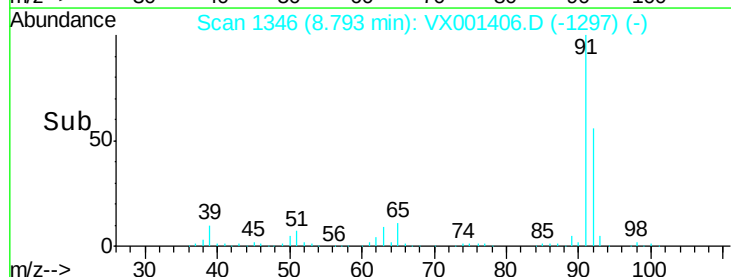
40000

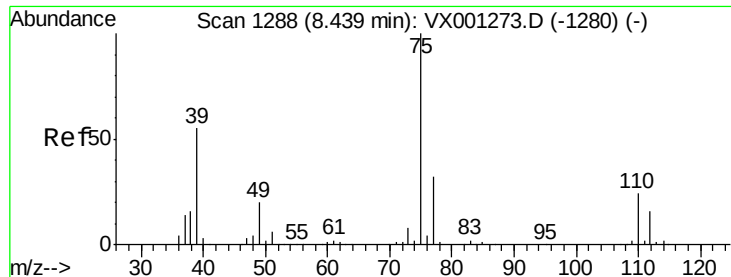
20000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.39 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

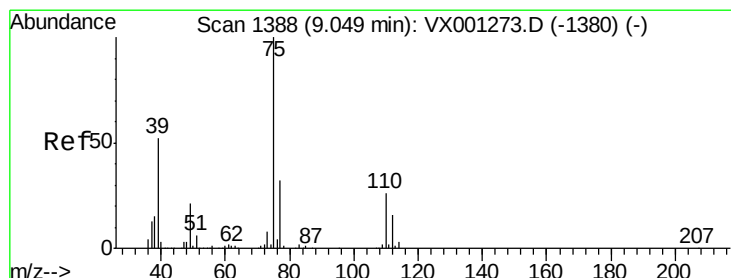
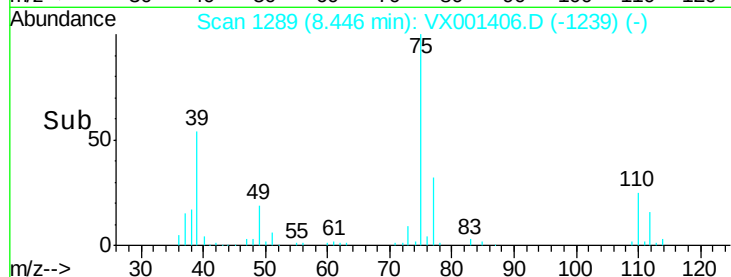
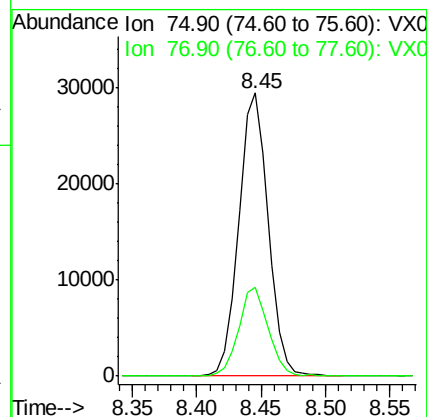
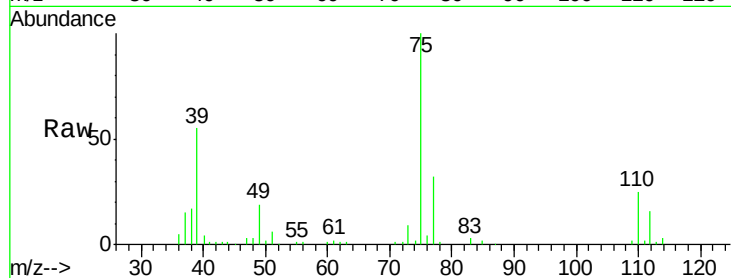
VX0504MBS01

Tgt Ion: 75 Resp: 46496

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

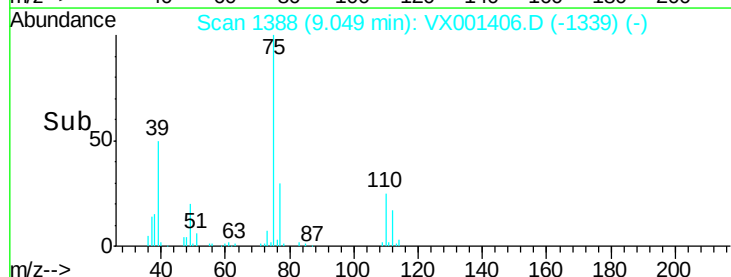
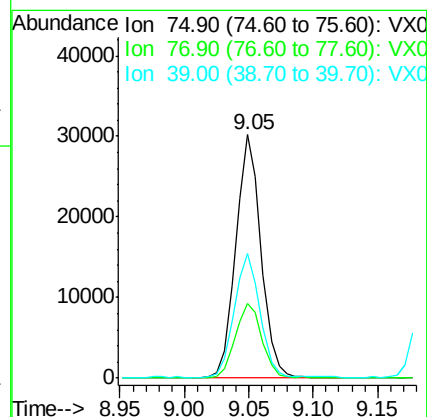
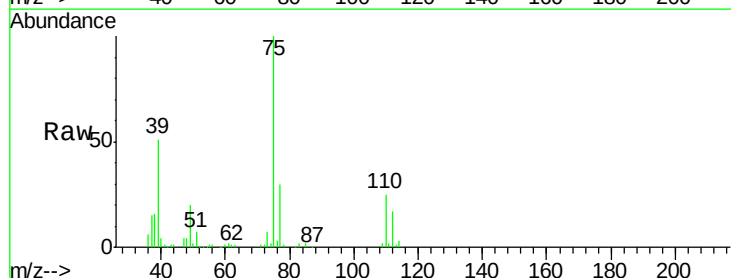
Tgt Ion: 75 Resp: 41518

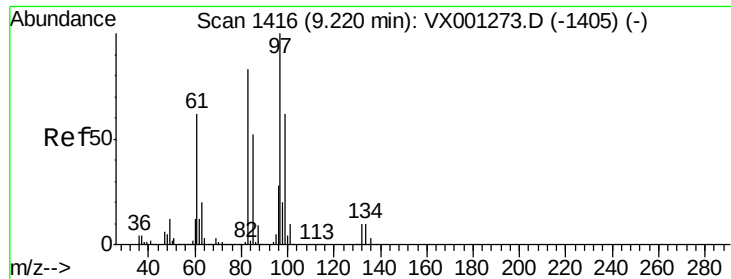
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 51.0 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 23.87 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

Tgt Ion: 97 Resp: 37560

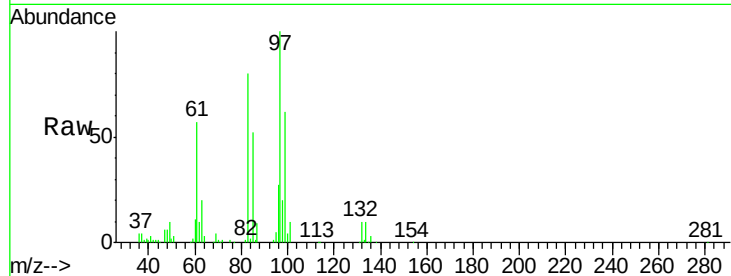
Ion Ratio Lower Upper

97 100

83 79.6 66.4 99.6

85 51.3 41.6 62.4

99 61.5 49.3 73.9

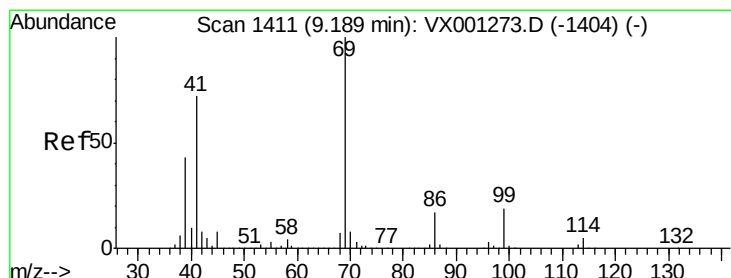
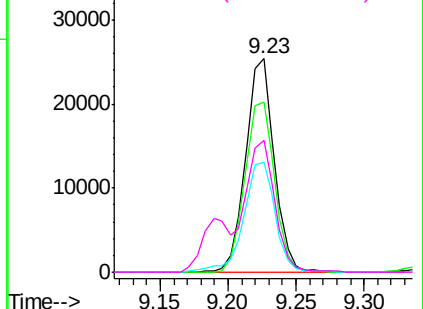
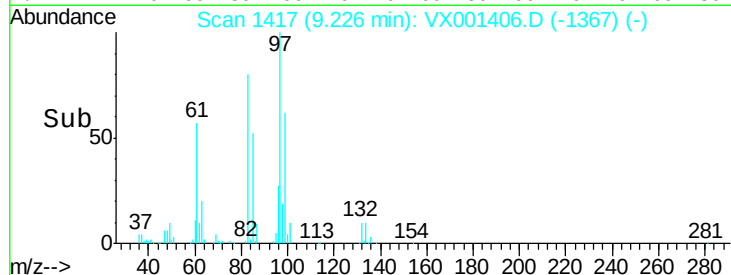


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 23.15 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

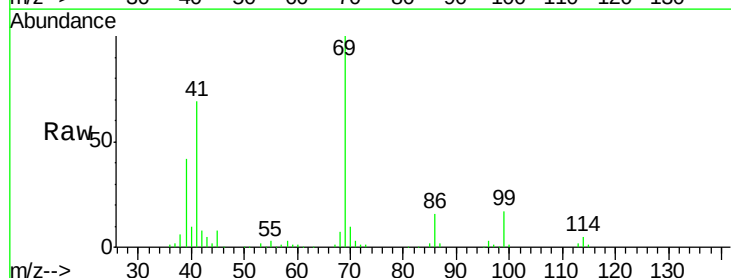
Tgt Ion: 69 Resp: 50463

Ion Ratio Lower Upper

69 100

41 70.0 57.2 85.8

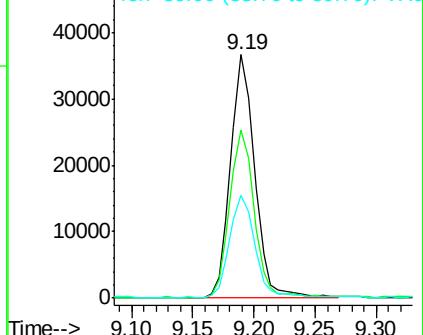
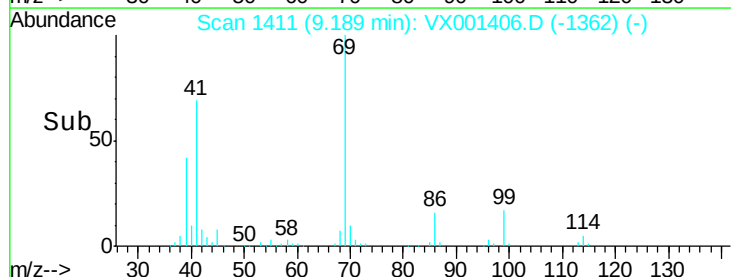
39 43.7 34.3 51.5

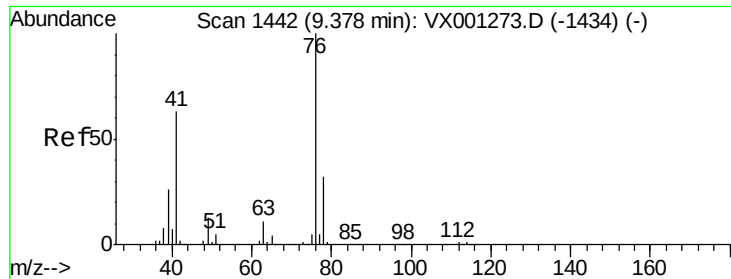


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

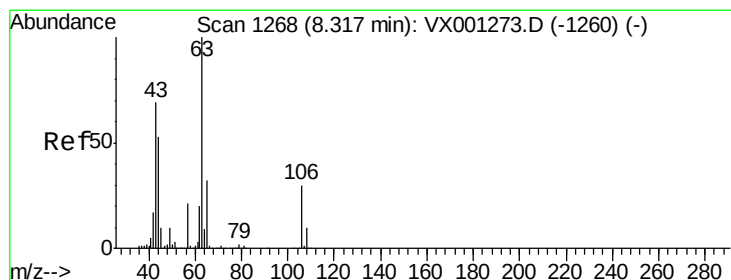
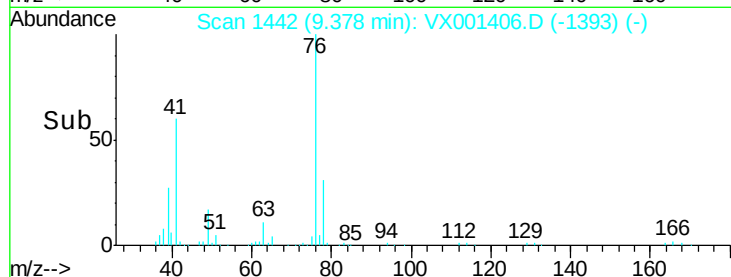
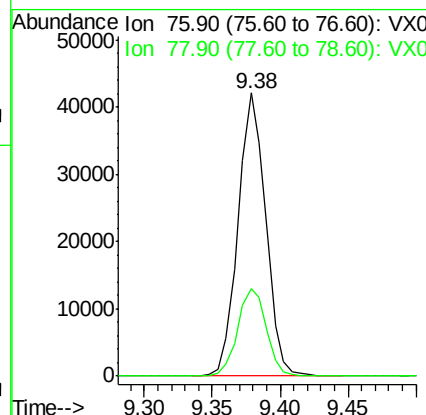
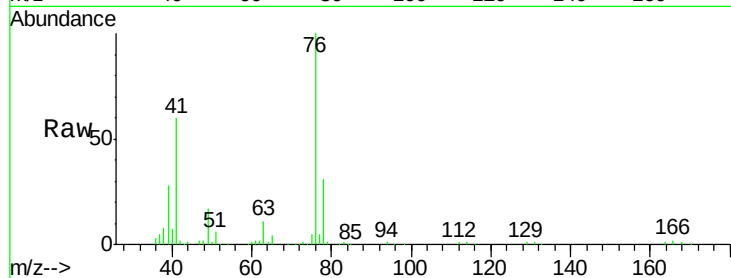




#57
 1,3-Dichloropropane
 Concen: 23.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

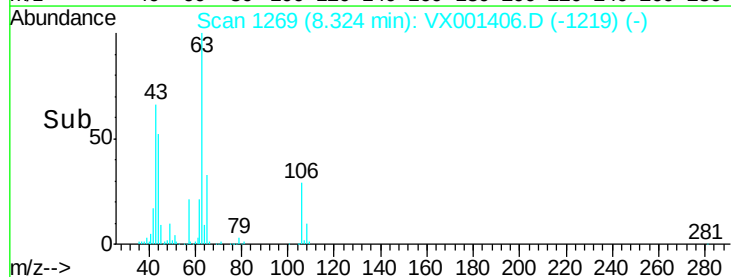
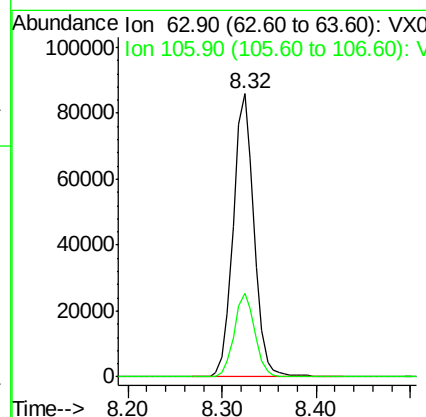
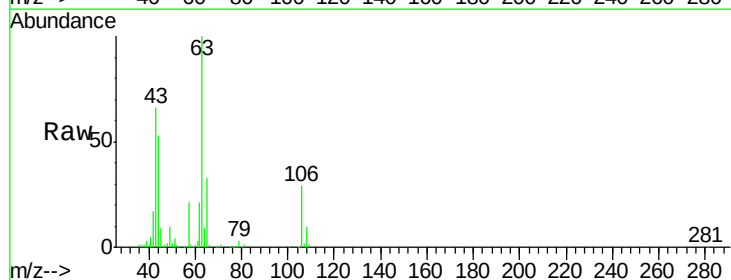
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

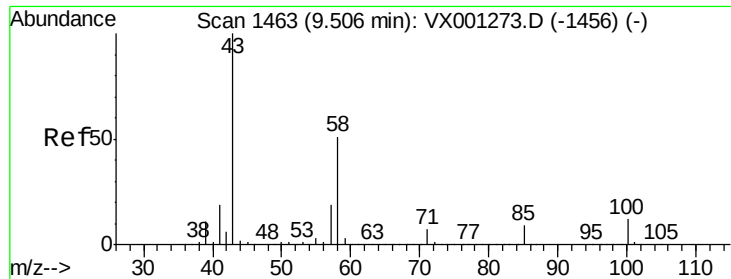
Tgt Ion: 76 Resp: 59736
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 125.43 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 63 Resp: 131915
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.6

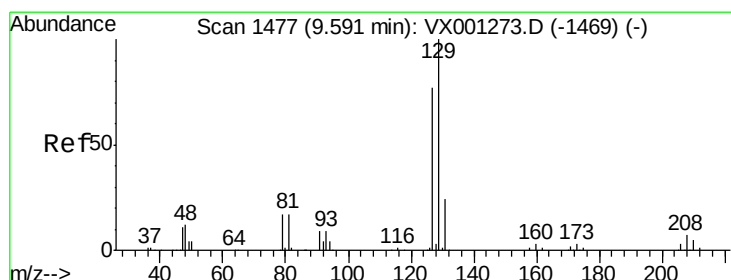
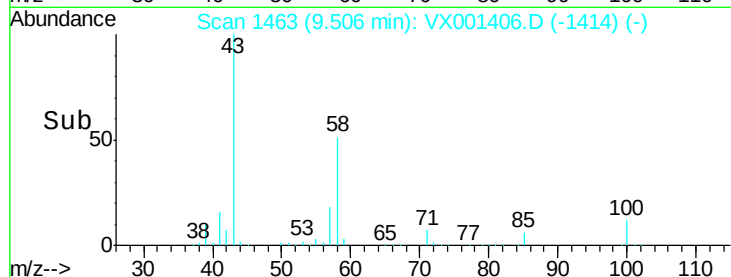
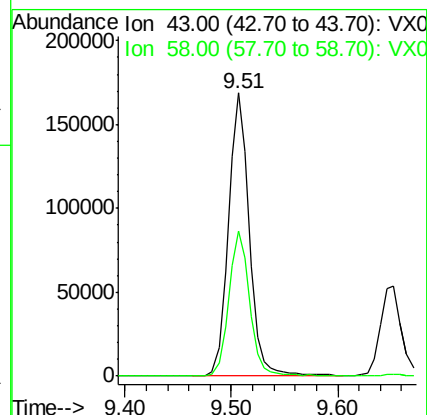
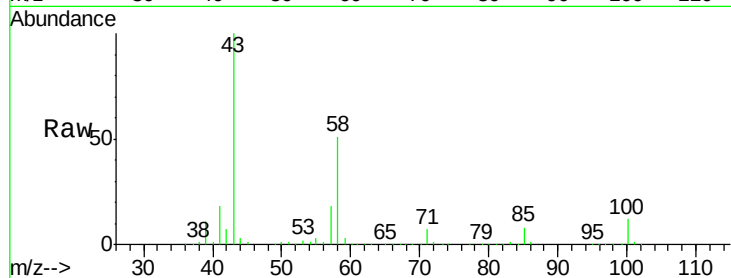




#59
2-Hexanone
Concen: 136.10 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

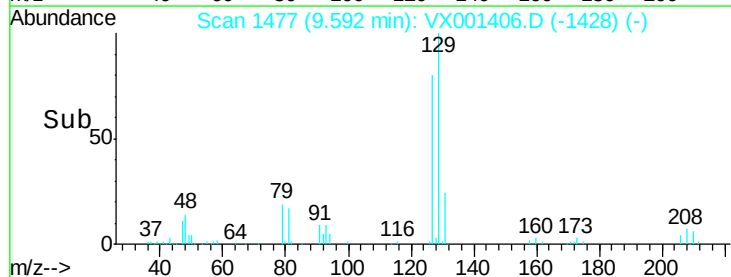
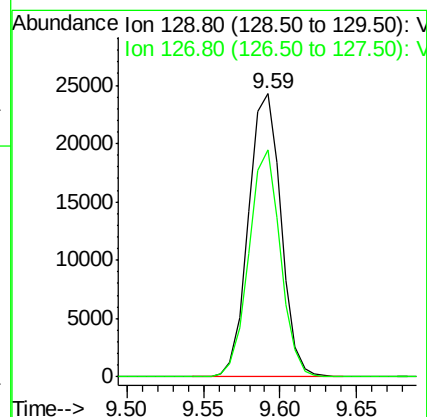
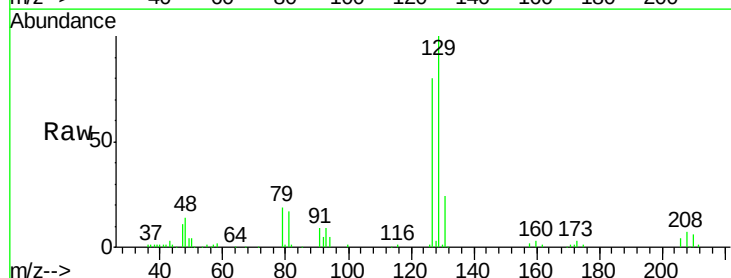
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

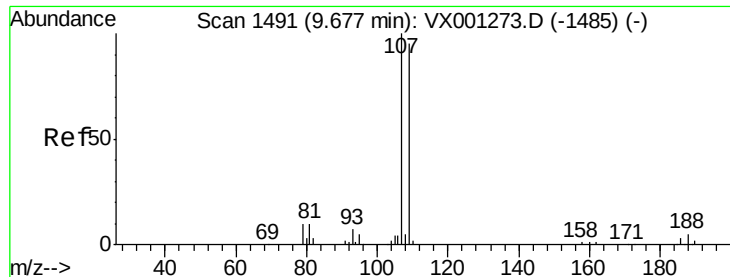
Tgt Ion: 43 Resp: 232194
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0



#60
Dibromochloromethane
Concen: 21.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion: 129 Resp: 35928
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 23.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

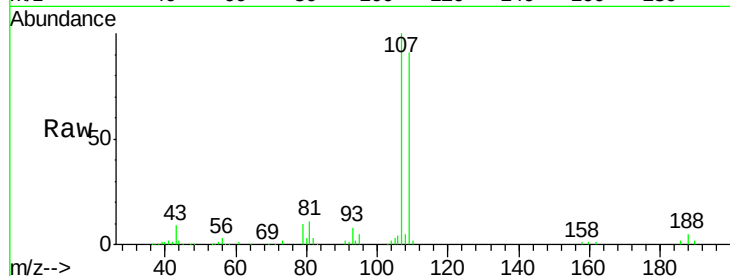
VX0504MBS01

Tgt Ion: 107 Resp: 38960

Ion Ratio Lower Upper

107 100

109 95.0 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

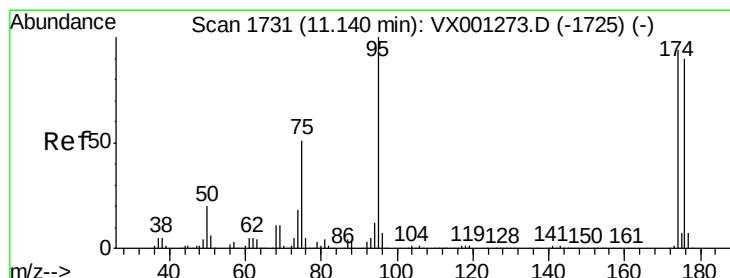
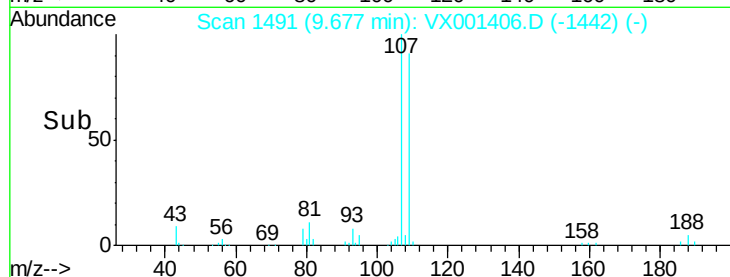
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

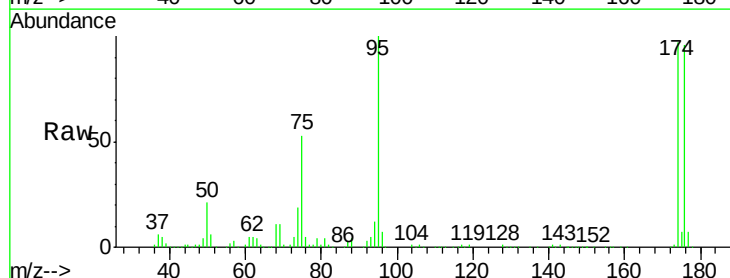
Tgt Ion: 95 Resp: 103881

Ion Ratio Lower Upper

95 100

174 105.2 0.0 201.8

176 102.0 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

11/14

100000

80000

60000

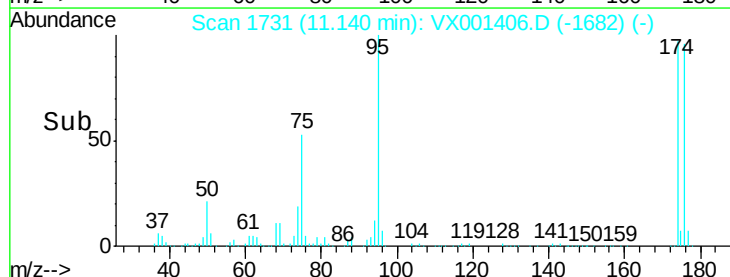
40000

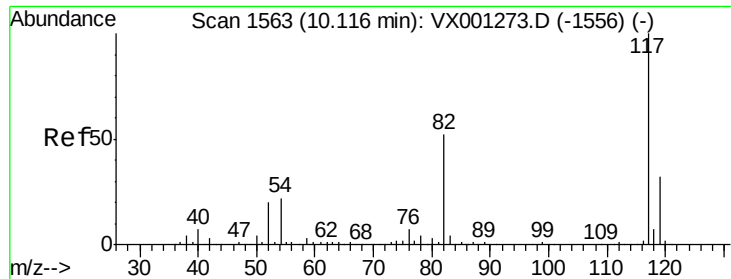
20000

0

Time-->

11.10 11.20

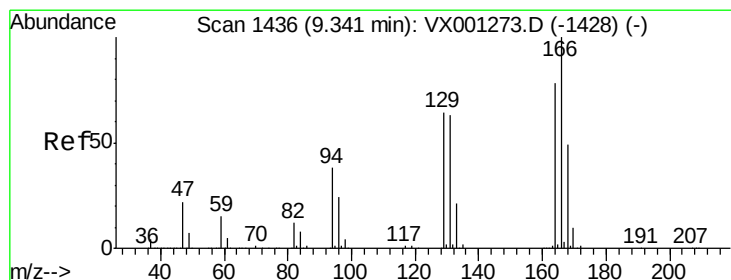
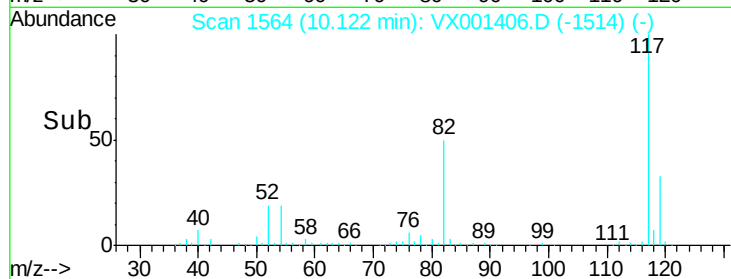
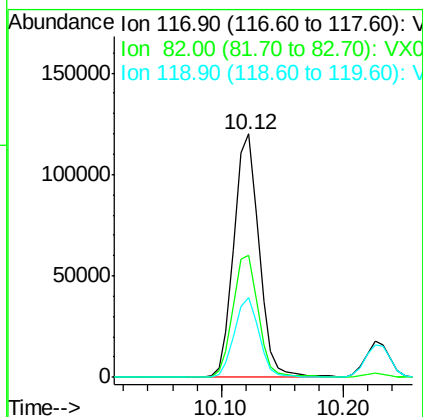
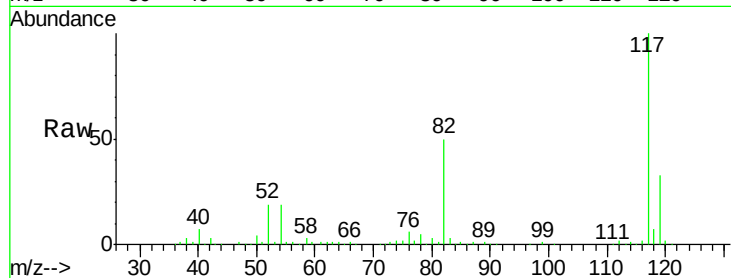




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

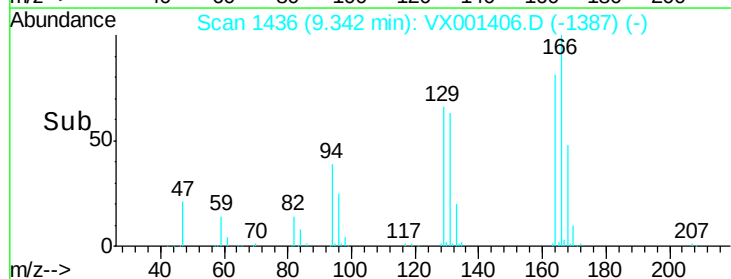
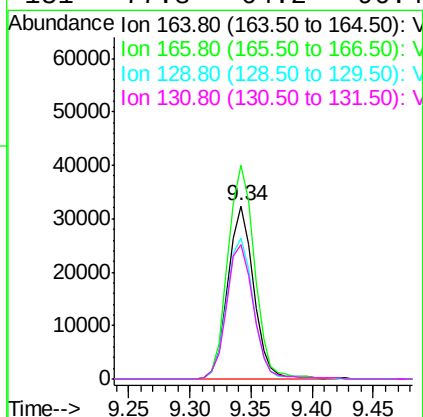
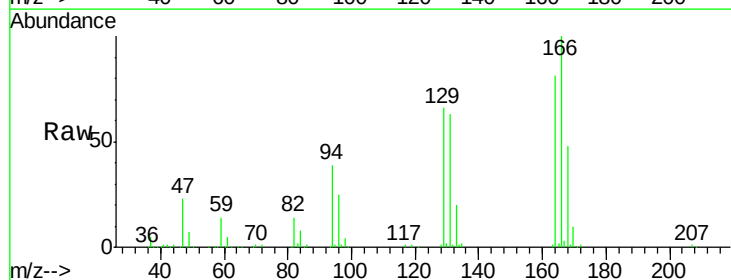
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

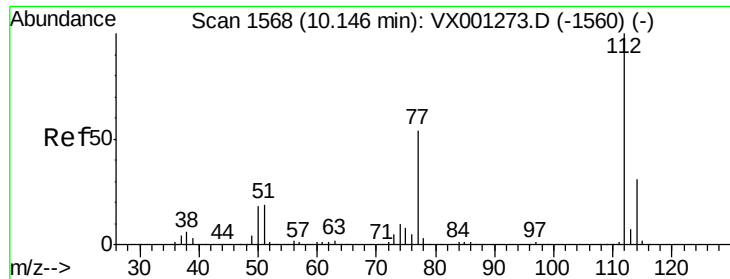
Tgt Ion:117 Resp: 170867
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.0
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 23.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:164 Resp: 47478
Ion Ratio Lower Upper
164 100
166 123.2 102.3 153.5
129 81.2 65.1 97.7
131 77.8 64.2 96.4

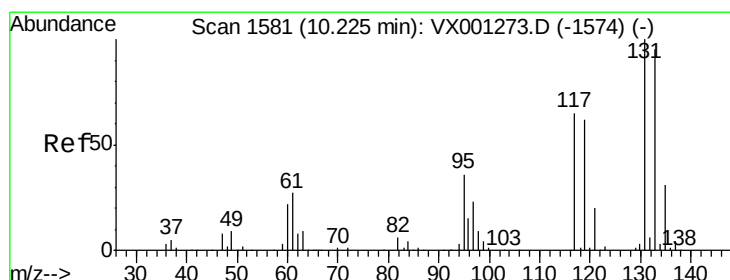
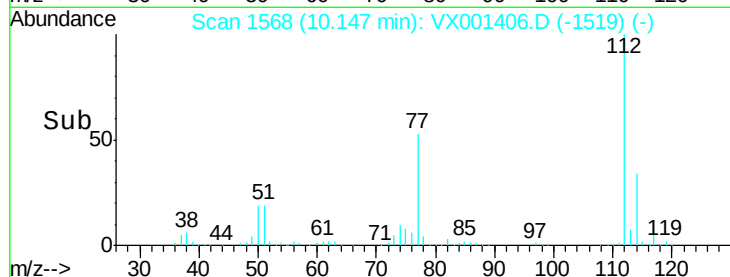
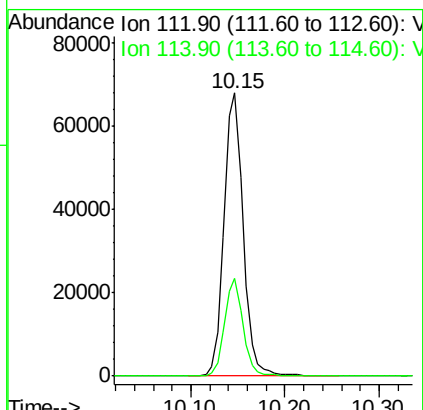
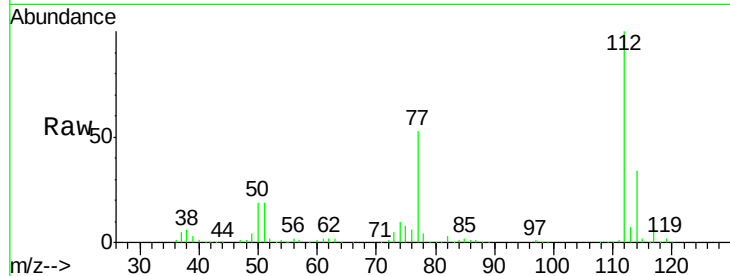




#65
Chlorobenzene
Concen: 20.72 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

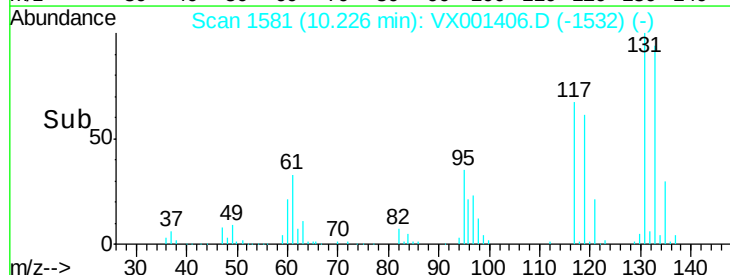
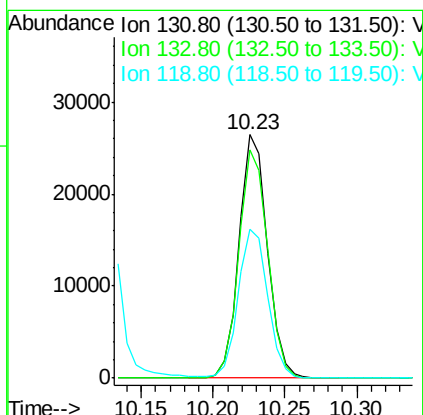
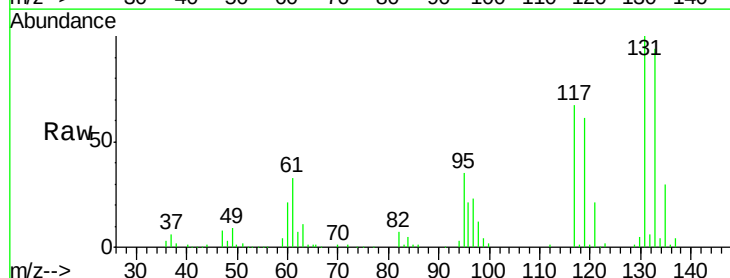
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

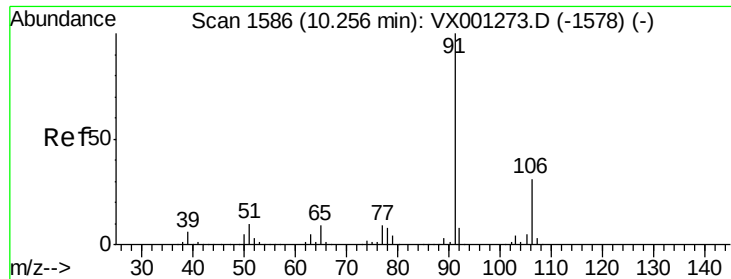
Tgt Ion:112 Resp: 96269
Ion Ratio Lower Upper
112 100
114 34.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.37 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:131 Resp: 36080
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 63.8 31.2 93.6





#67

Ethyl Benzene

Concen: 19.54 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

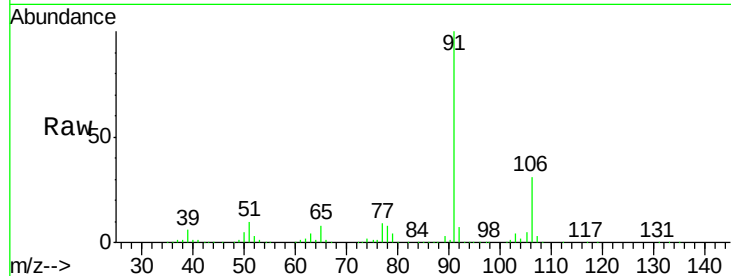
VX0504MBS01

Tgt Ion: 91 Resp: 149629

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

200000

150000

100000

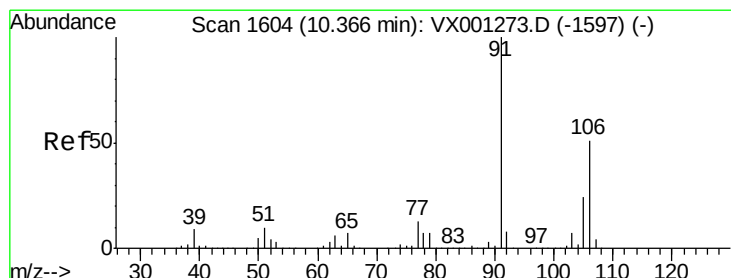
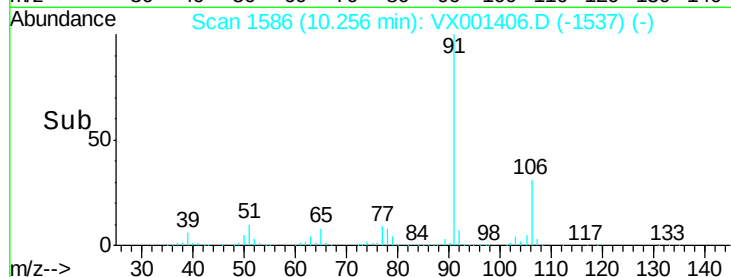
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 39.71 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001406.D

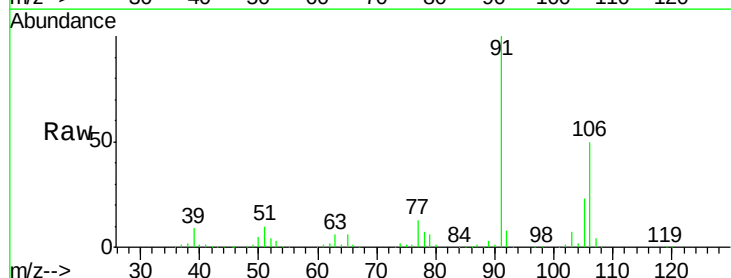
Acq: 04 May 2018 19:26

Tgt Ion: 106 Resp: 119659

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

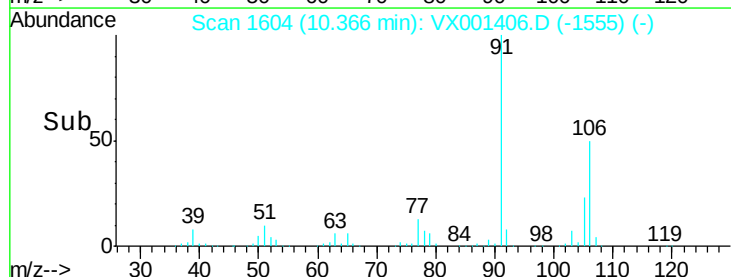
0

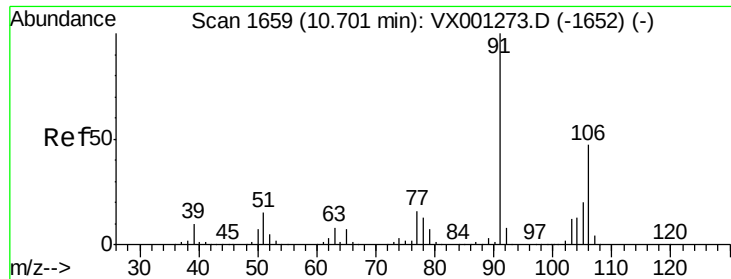
10.30

10.40

10.50

Time-->

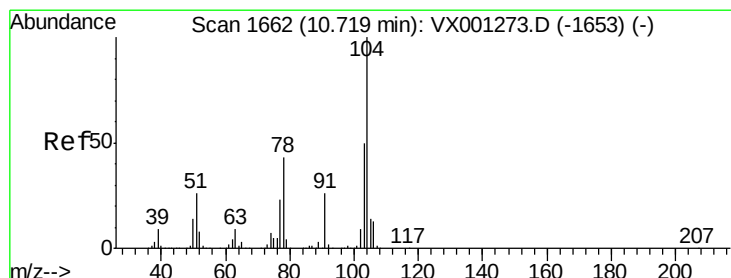
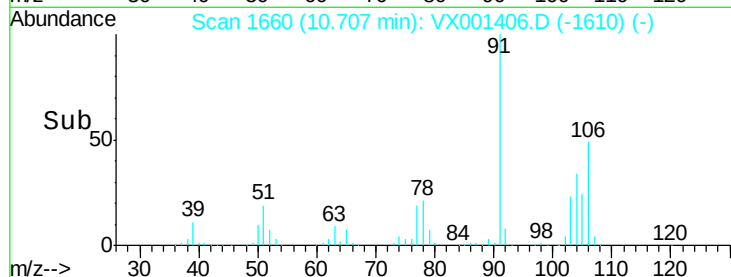
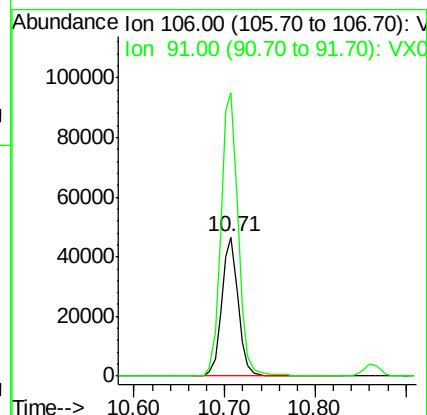
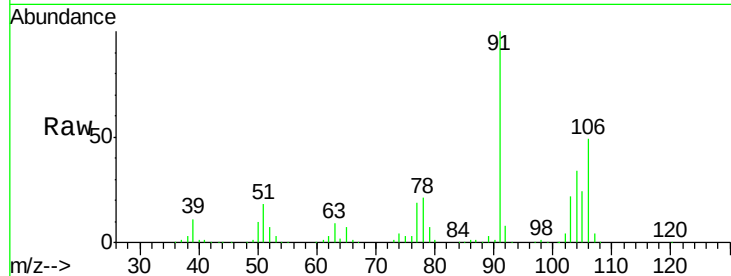




#69
o-Xylene
Concen: 20.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

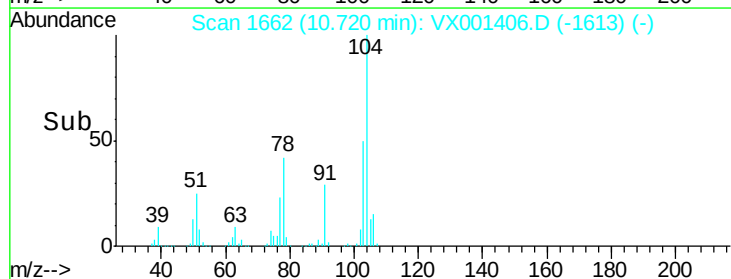
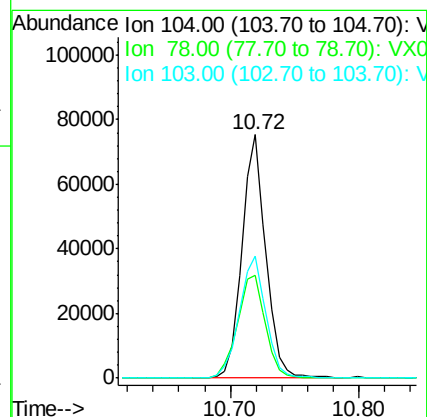
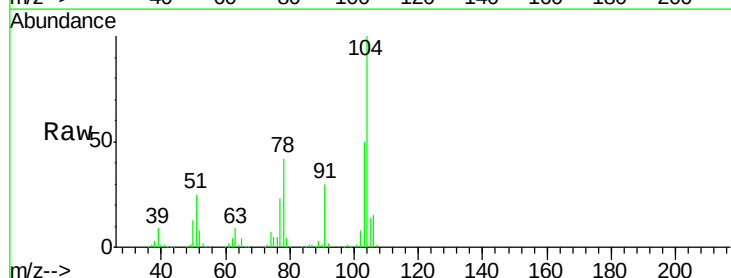
Instrument :
MSVOA_X
ClientSampled :
VX0504MBS01

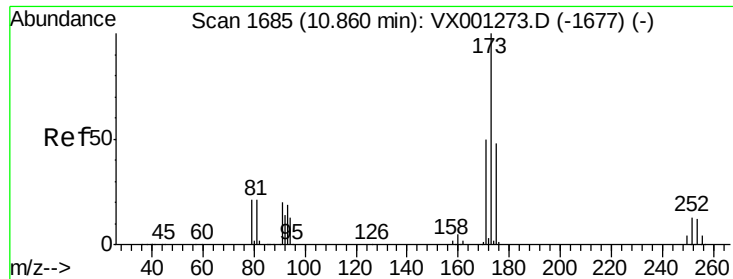
Tgt Ion:106 Resp: 59251
Ion Ratio Lower Upper
106 100
91 212.8 106.3 319.0



#70
Styrene
Concen: 20.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:104 Resp: 96624
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 56.3 44.5 66.7

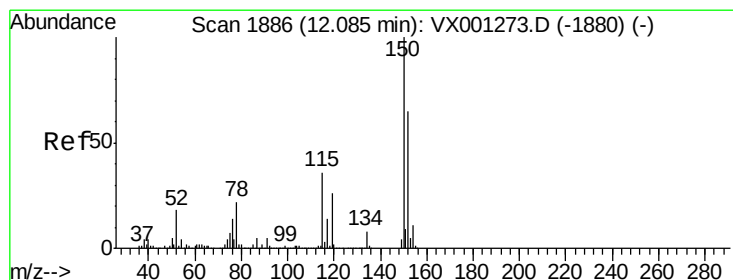
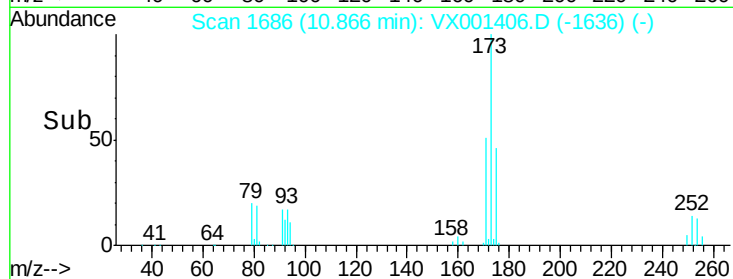
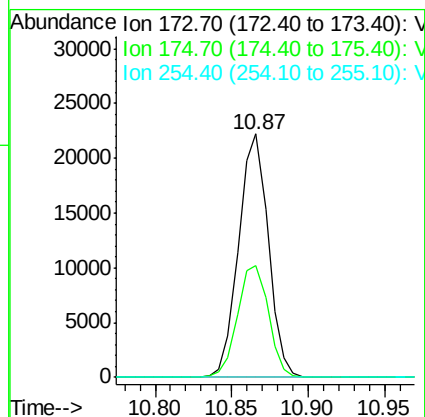
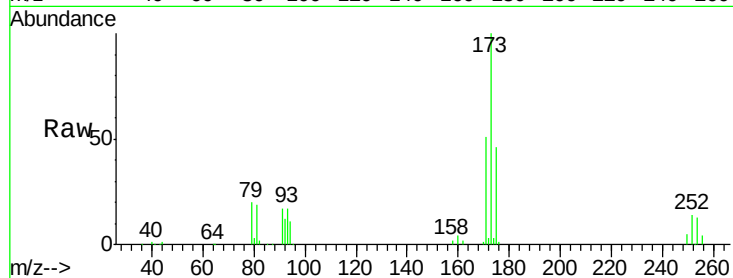




#71
Bromoform
Concen: 21.62 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

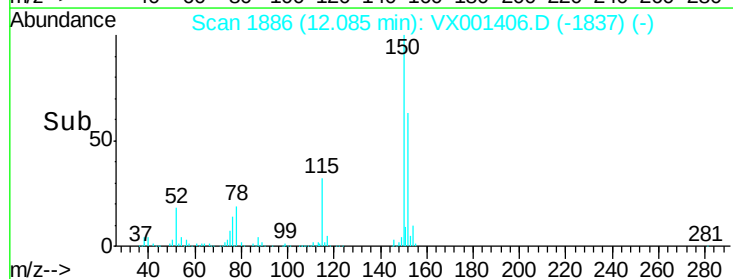
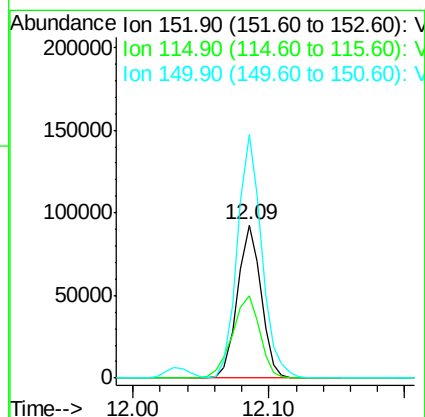
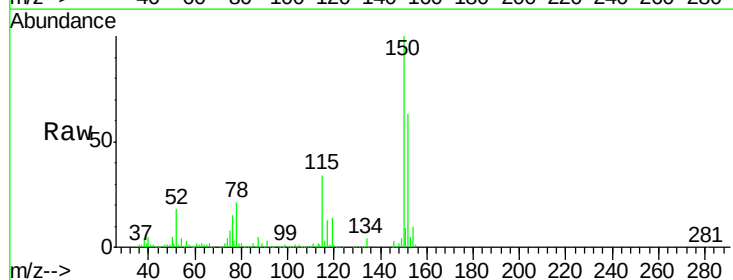
Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

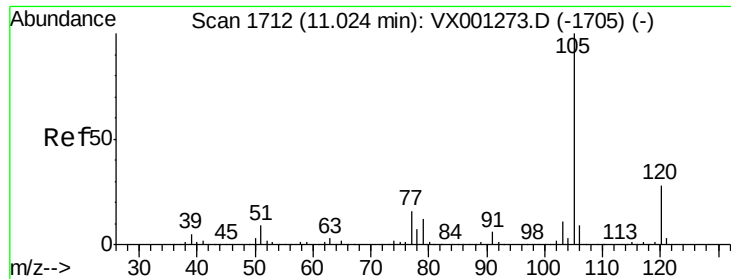
Tgt Ion:173 Resp: 29918
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:152 Resp: 111371
Ion Ratio Lower Upper
152 100
115 63.0 38.6 115.7
150 165.1 0.0 349.2





#73

Isopropylbenzene

Concen: 20.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

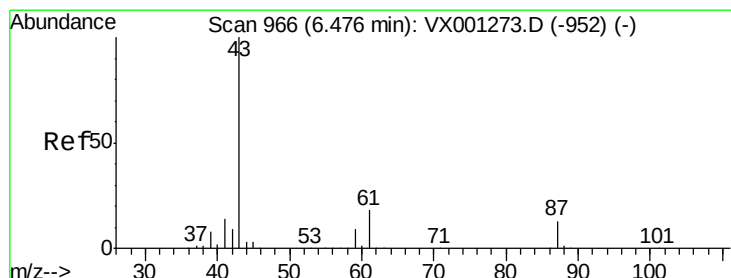
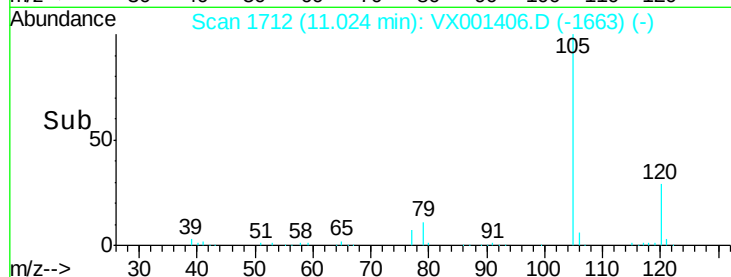
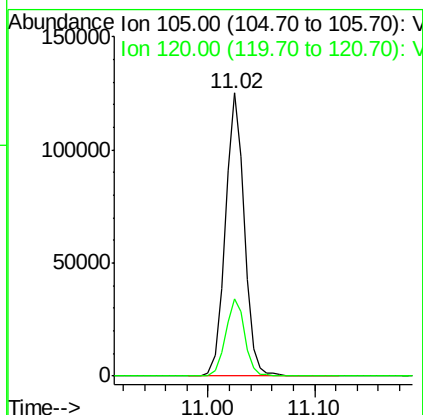
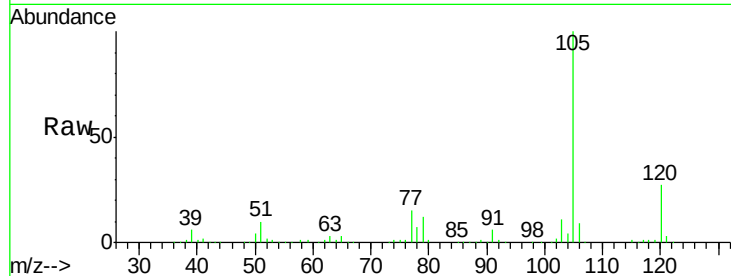
VX0504MBS01

Tgt Ion: 105 Resp: 155832

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#74

N-ethyl acetate

Concen: 25.40 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Tgt Ion: 43 Resp: 81187

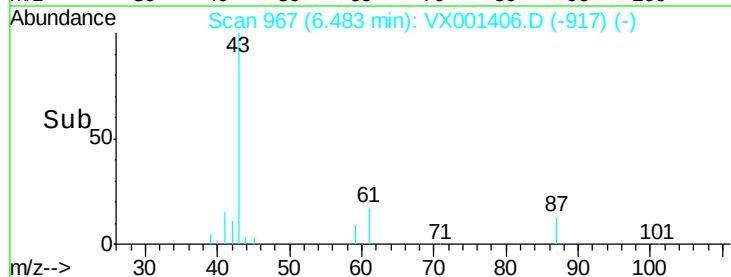
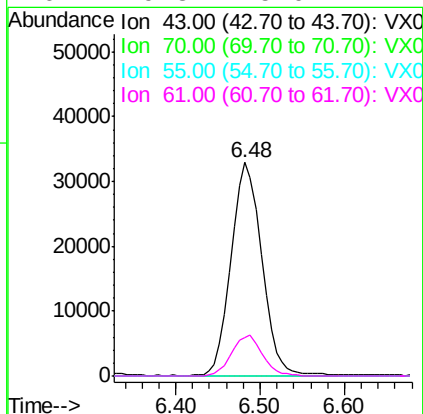
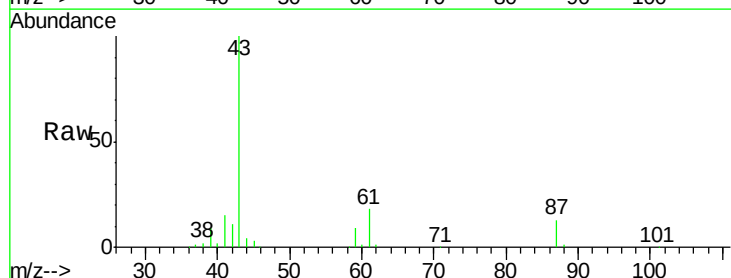
Ion Ratio Lower Upper

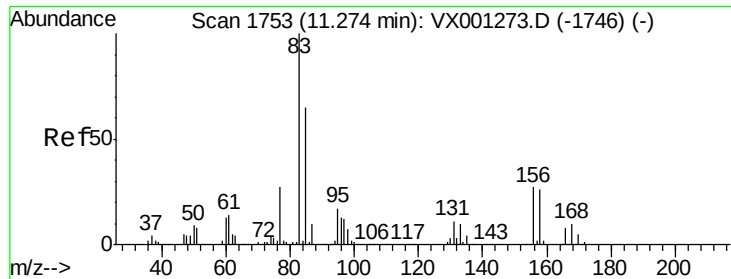
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.3 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 24.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

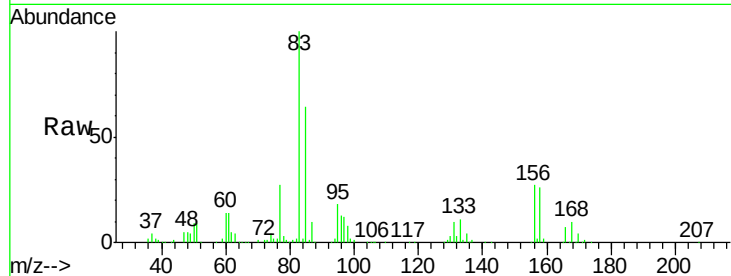
Tgt Ion: 83 Resp: 54396

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

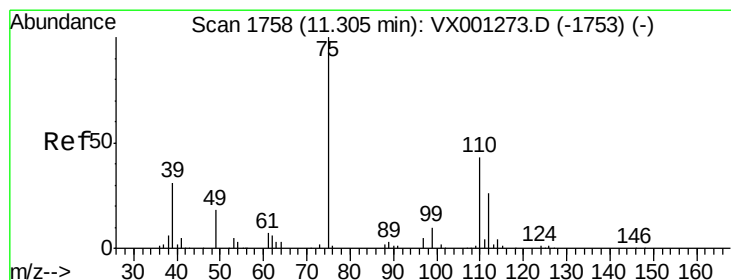
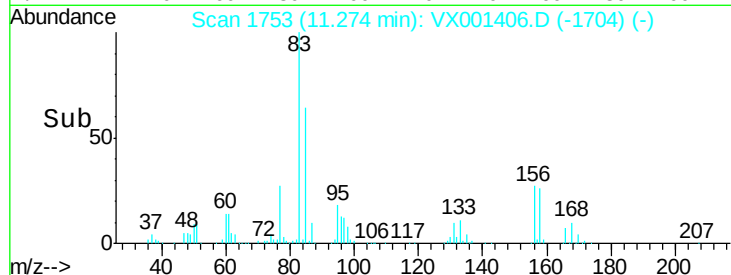
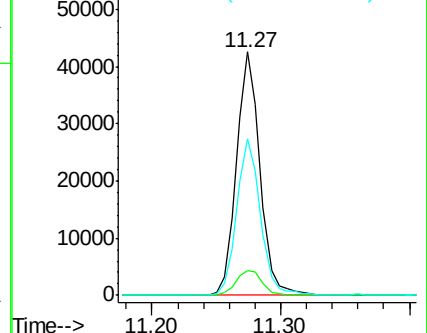
85 65.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 30.09 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001406.D

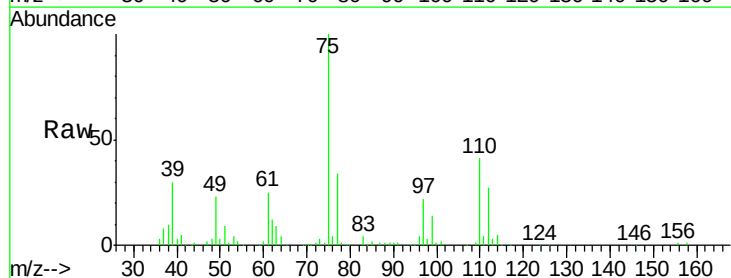
Acq: 04 May 2018 19:26

Tgt Ion: 75 Resp: 61973

Ion Ratio Lower Upper

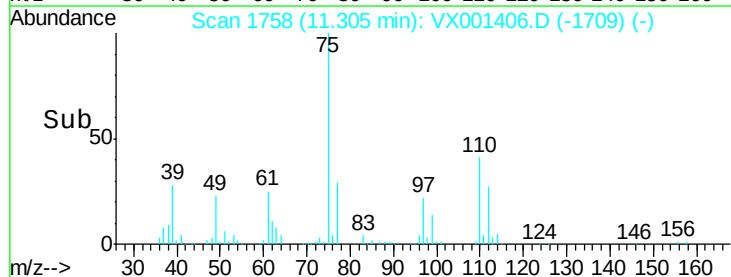
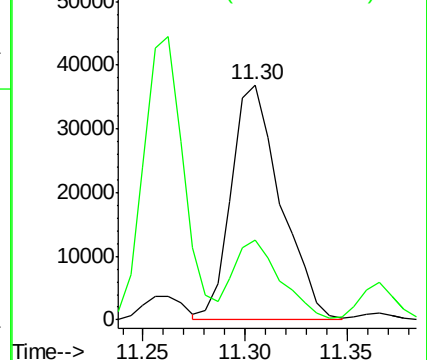
75 100

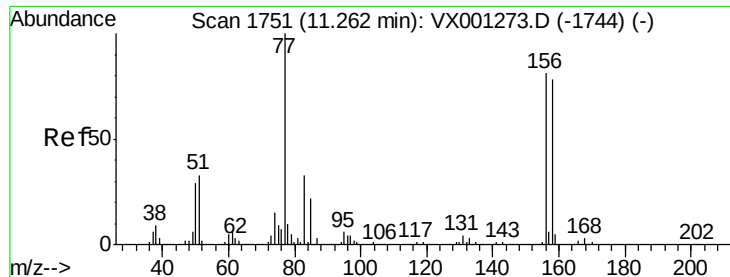
77 32.3 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.38 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

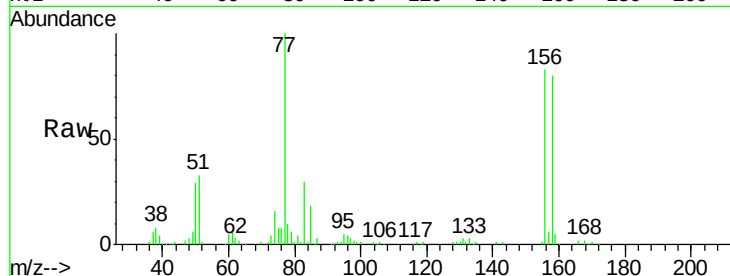
Tgt Ion:156 Resp: 48097

Ion Ratio Lower Upper

156 100

77 126.2 65.3 195.8

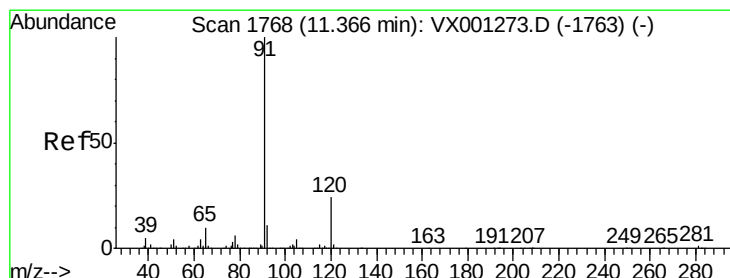
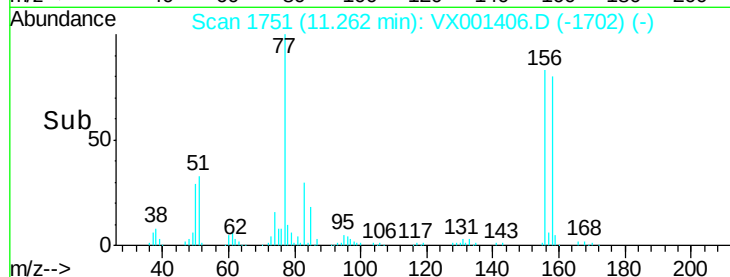
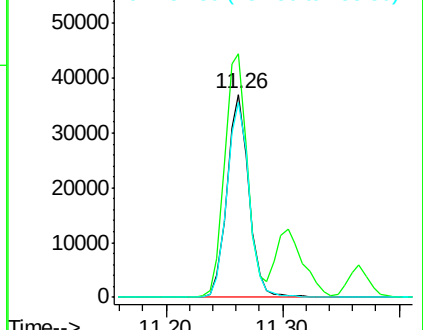
158 98.2 48.5 145.5



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: 20.86 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001406.D

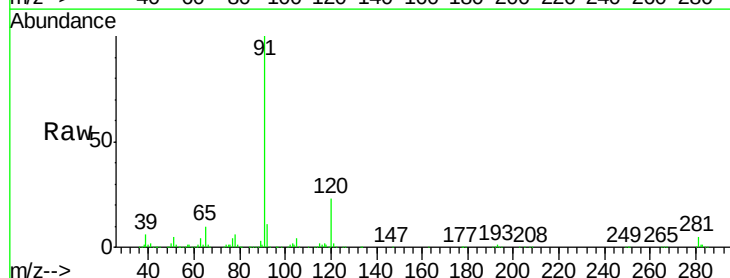
Acq: 04 May 2018 19:26

Tgt Ion: 91 Resp: 172743

Ion Ratio Lower Upper

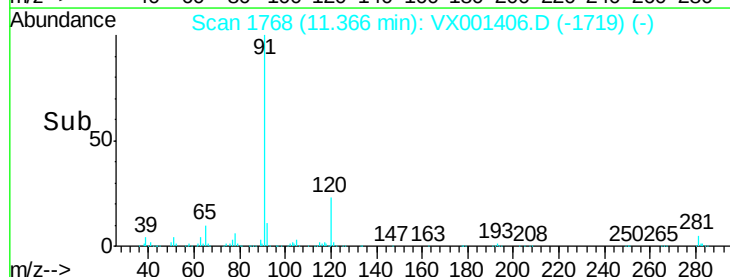
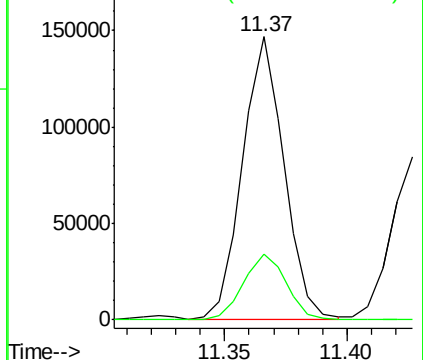
91 100

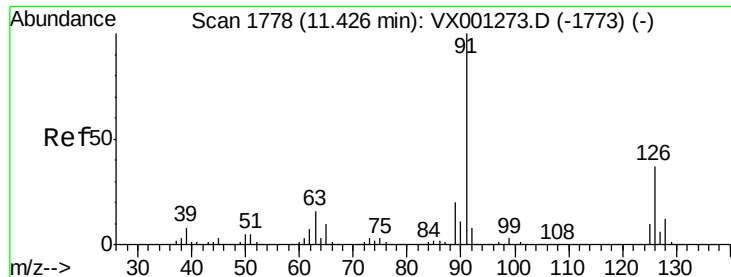
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

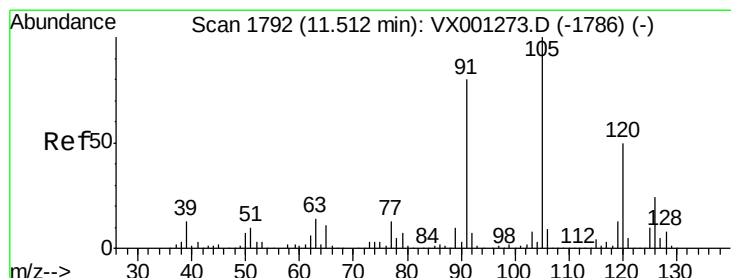
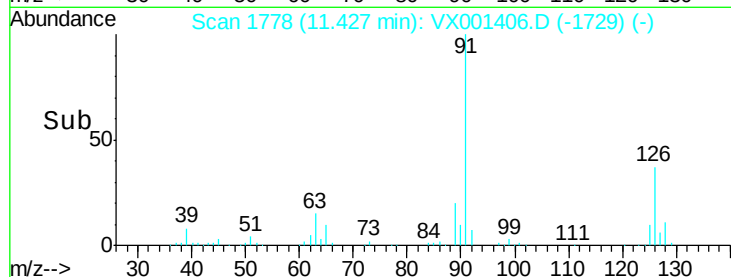
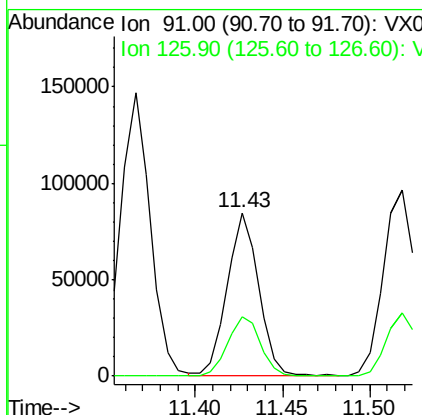
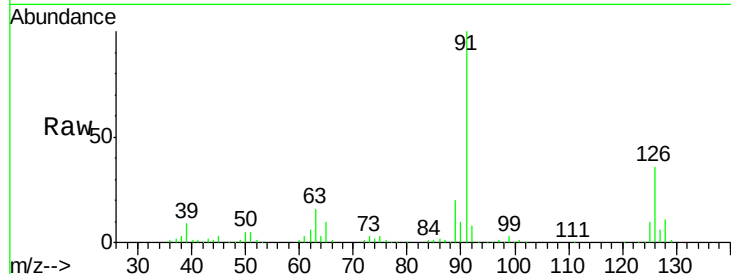




#79
 2-Chlorotoluene
 Concen: 21.15 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

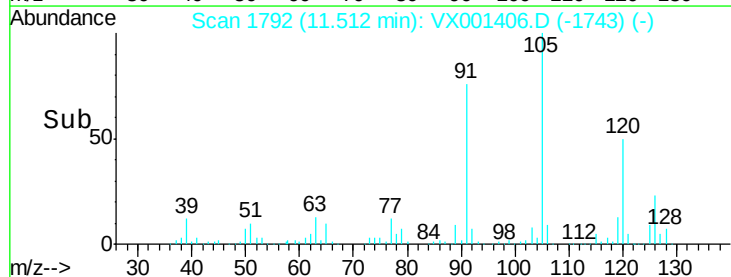
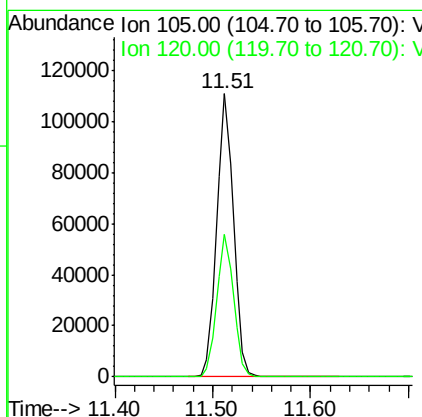
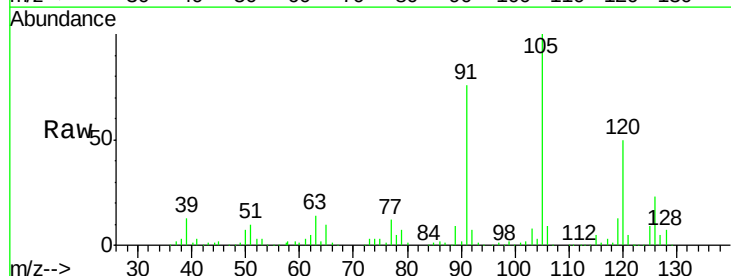
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

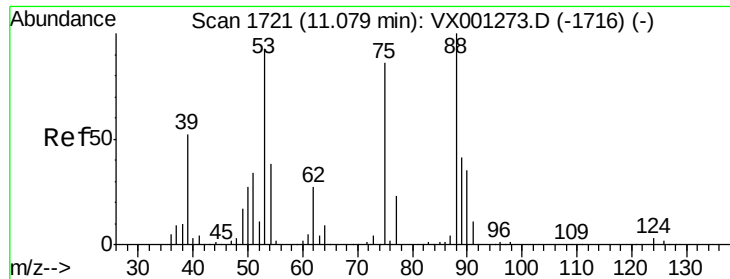
Tgt Ion: 91 Resp: 105692
 Ion Ratio Lower Upper
 91 100
 126 37.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.19 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion: 105 Resp: 132566
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.70 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

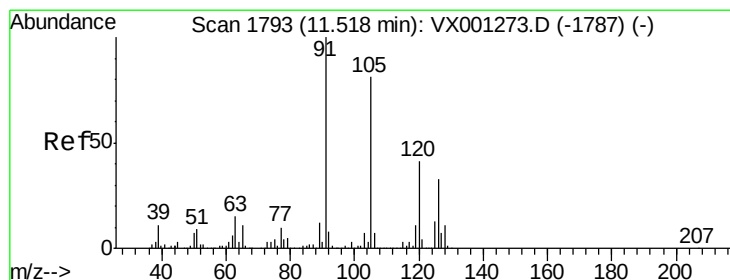
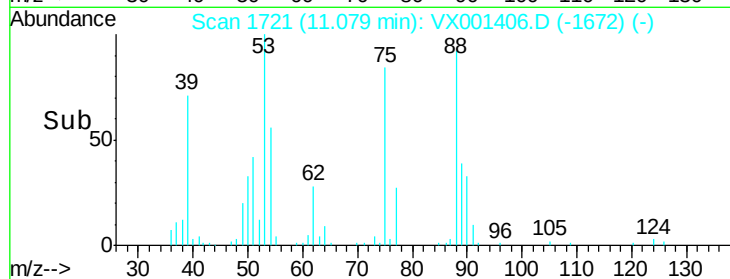
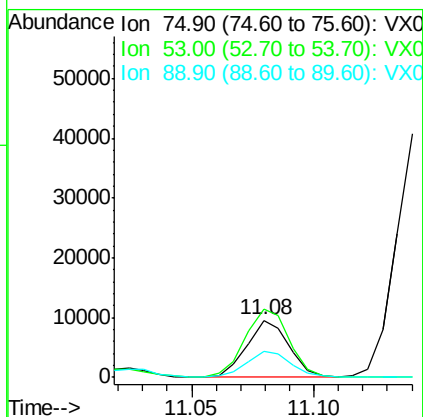
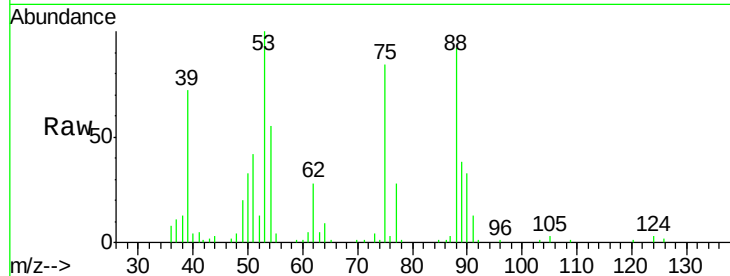
Tgt Ion: 75 Resp: 11368

Ion Ratio Lower Upper

75 100

53 126.9 87.1 130.7

89 48.8 38.9 58.3



#82

4-Chlorotoluene

Concen: 20.60 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001406.D

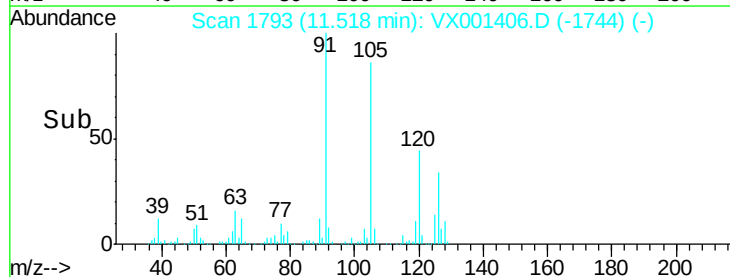
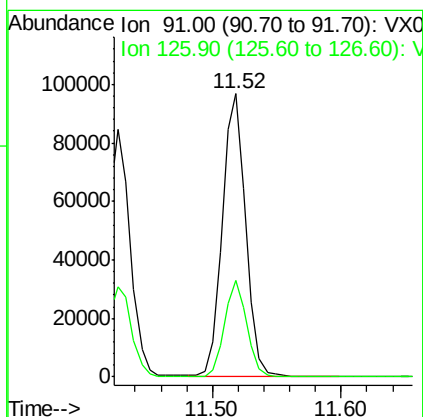
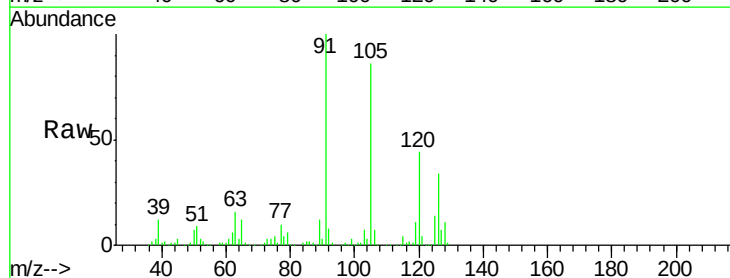
Acq: 04 May 2018 19:26

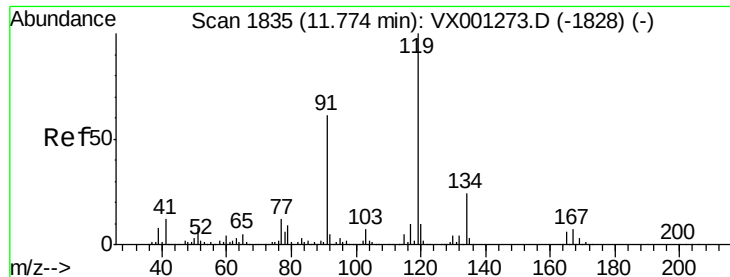
Tgt Ion: 91 Resp: 123771

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.2

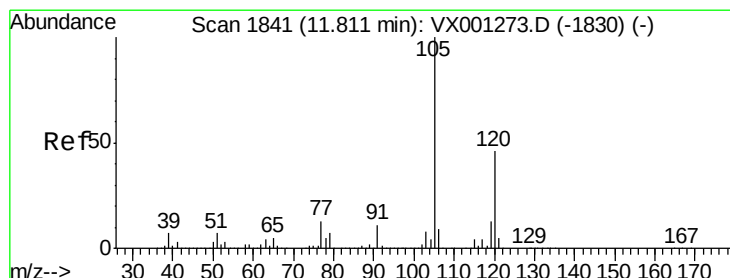
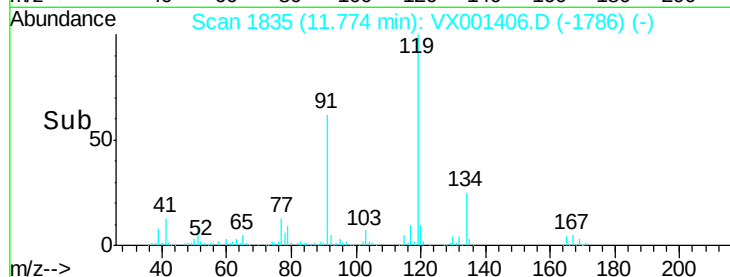
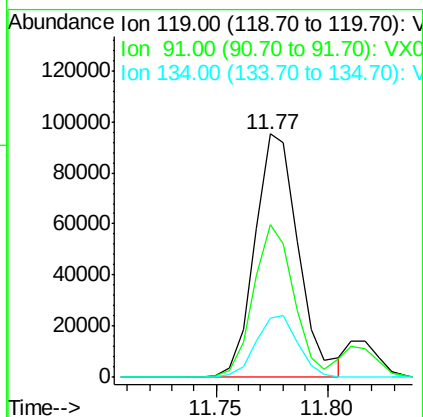
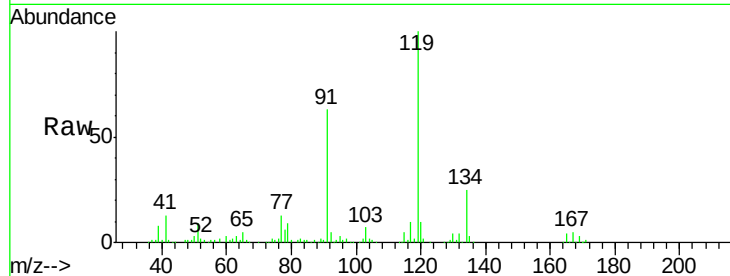




#83
 tert-Butylbenzene
 Concen: 20.83 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

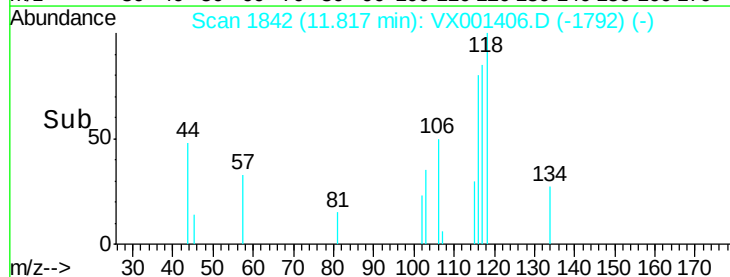
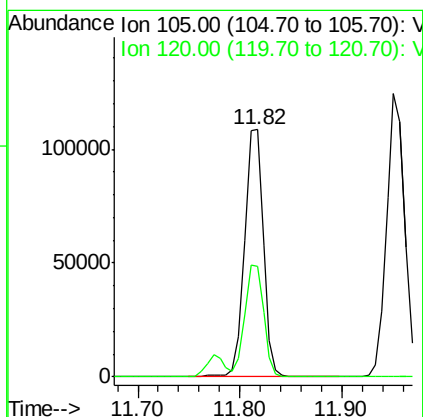
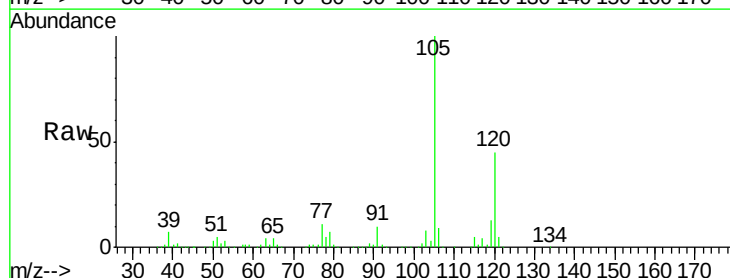
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

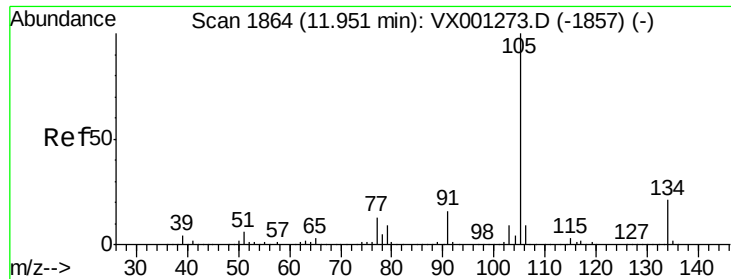
Tgt Ion:119 Resp: 129994
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.1 84.3
 134 24.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion:105 Resp: 138458
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1

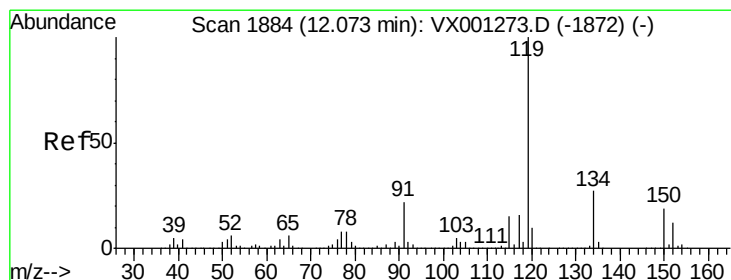
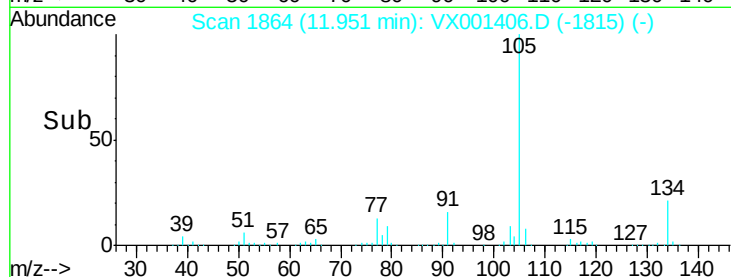
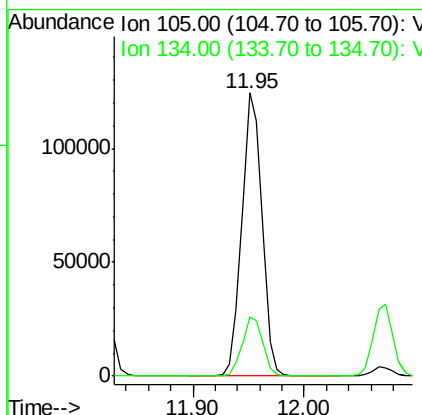
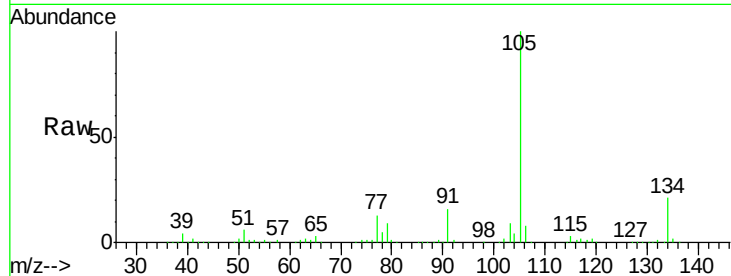




#85
 sec-Butylbenzene
 Concen: 20.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

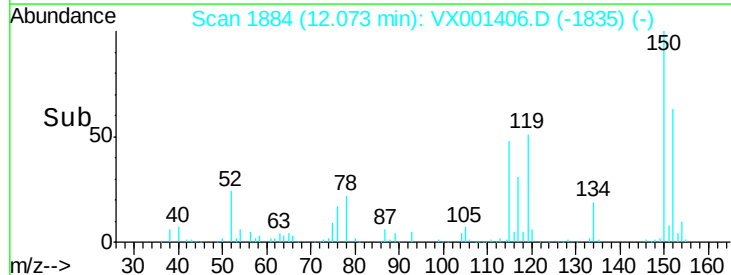
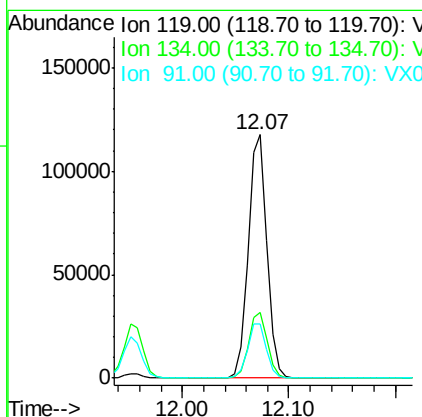
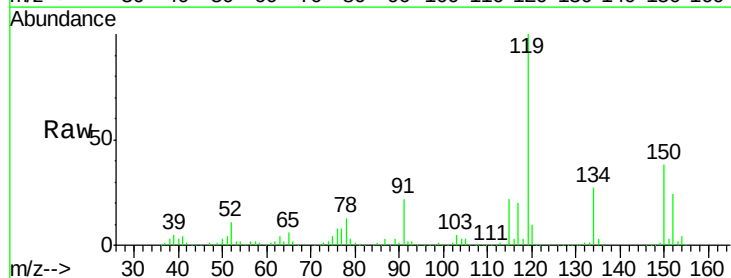
Instrument :
 MSVOA_X
 ClientSampled :
 VX0504MBS01

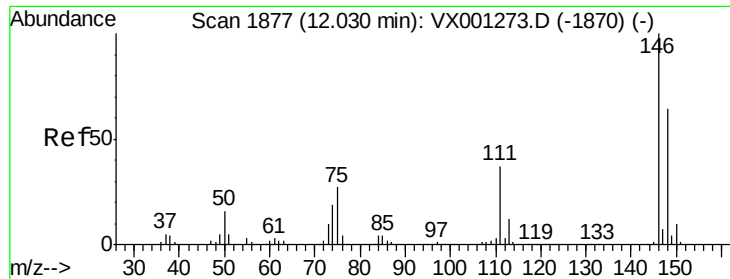
Tgt Ion:105 Resp: 156003
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 21.03 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion:119 Resp: 144041
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.0 11.7 35.1

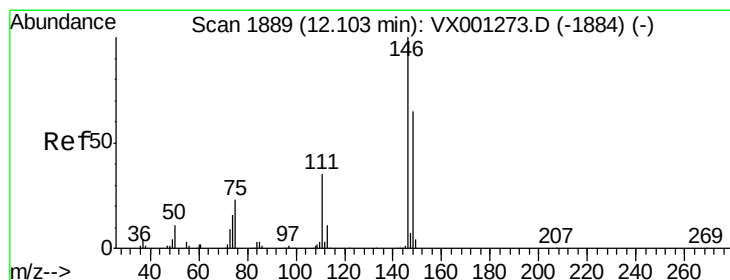
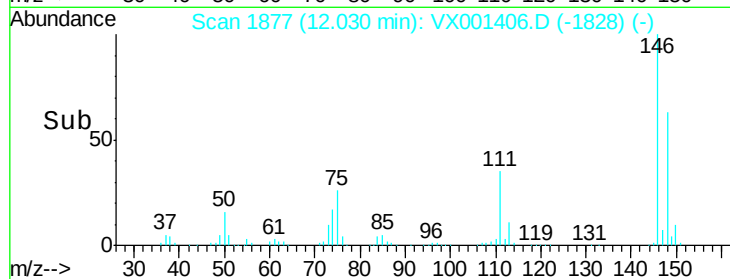
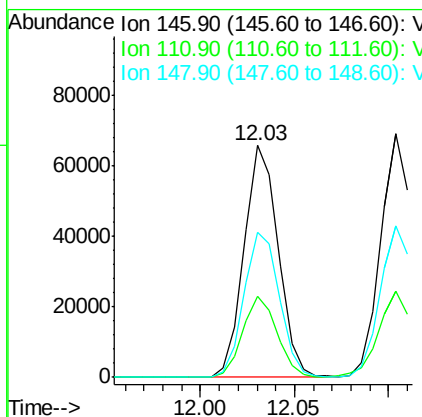
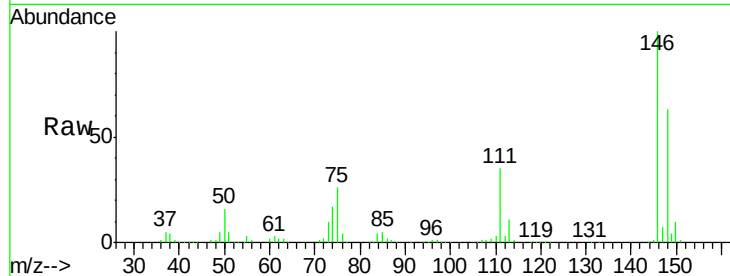




#87
 1,3-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

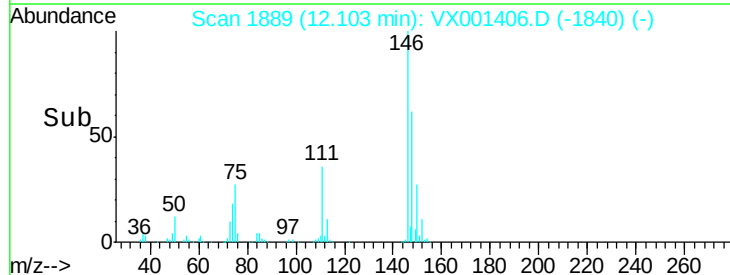
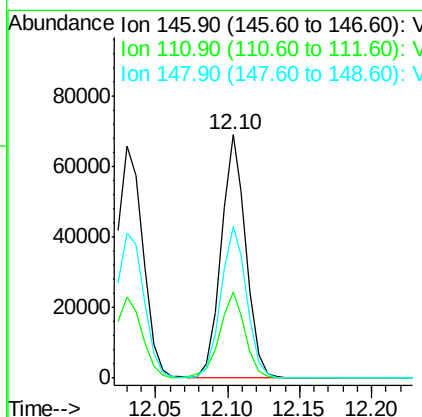
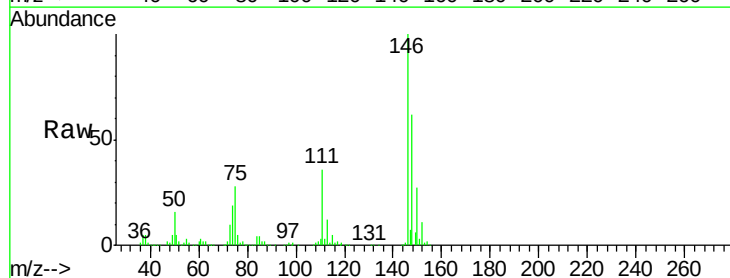
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

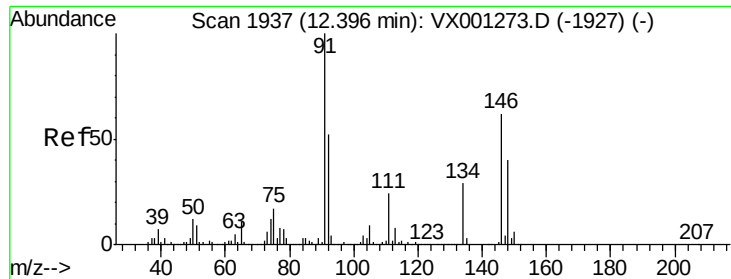
Tgt Ion:146 Resp: 83117
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.4 55.2
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.14 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion:146 Resp: 83332
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.9 53.7
 148 65.2 32.3 96.8





#89

n-Butylbenzene

Concen: 19.19 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

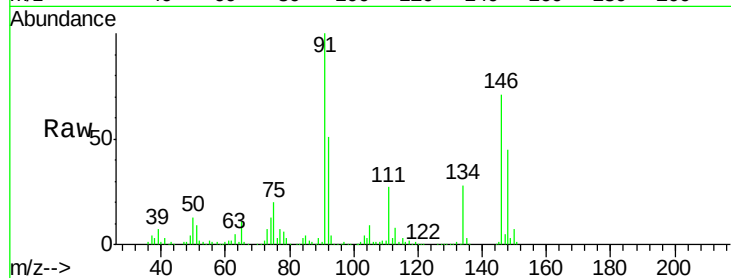
Tgt Ion: 91 Resp: 114708

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.5

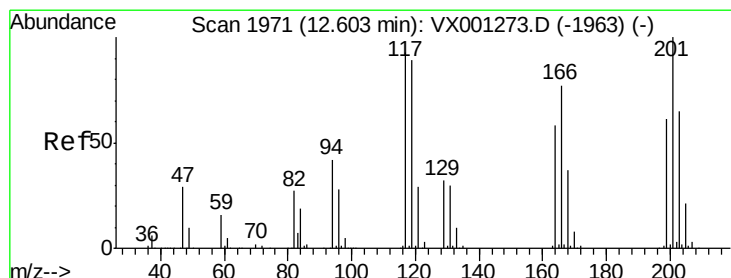
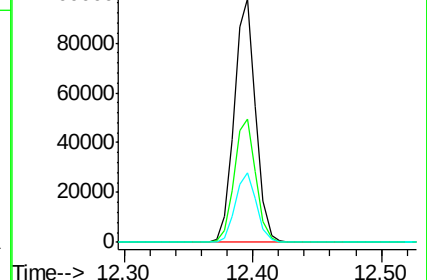
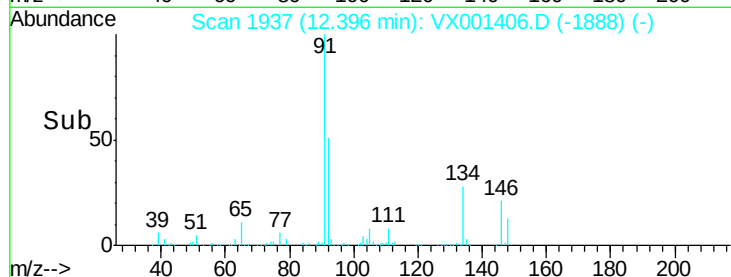
134 28.2 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.67 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001406.D

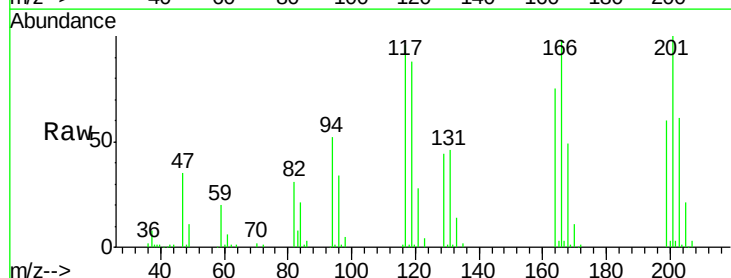
Acq: 04 May 2018 19:26

Tgt Ion: 117 Resp: 20501

Ion Ratio Lower Upper

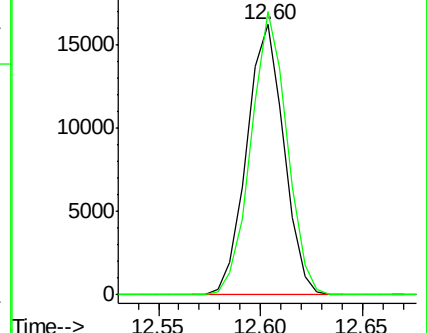
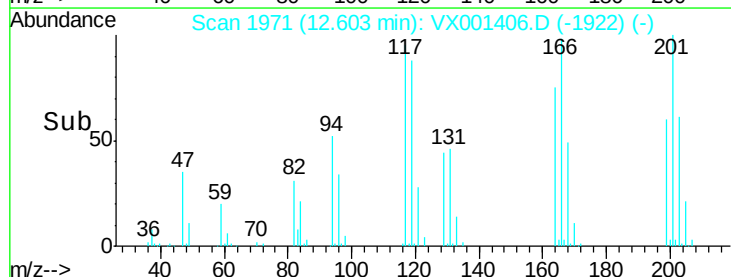
117 100

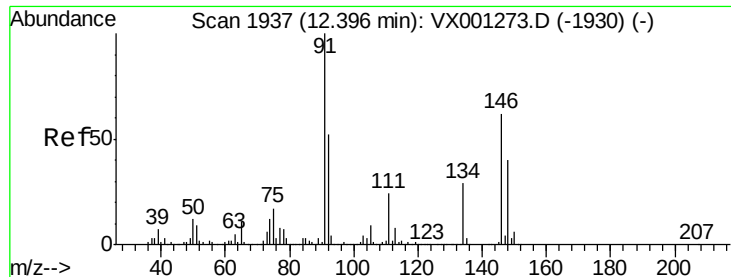
201 101.5 51.6 154.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.91 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

VX0504MBS01

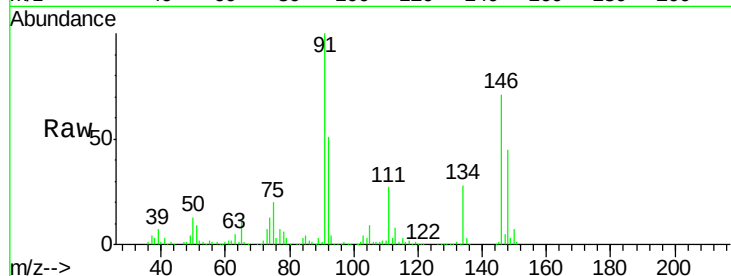
Tgt Ion:146 Resp: 87478

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.5

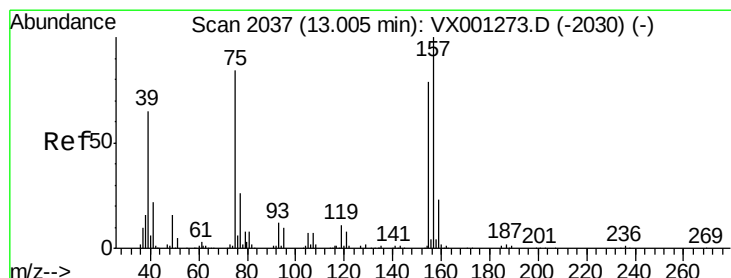
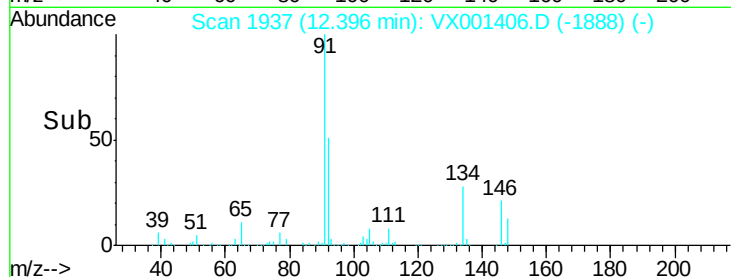
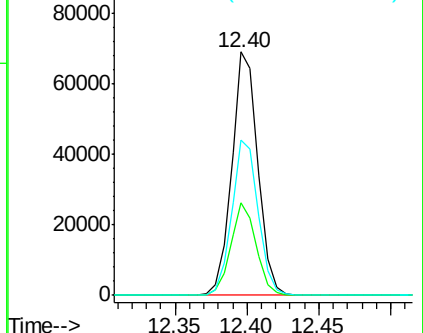
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.91 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001406.D

Acq: 04 May 2018 19:26

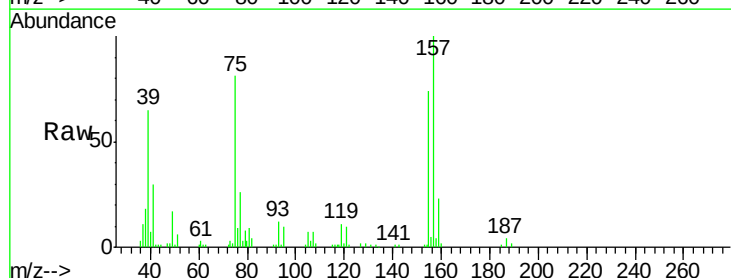
Tgt Ion: 75 Resp: 12593

Ion Ratio Lower Upper

75 100

155 99.0 49.9 149.7

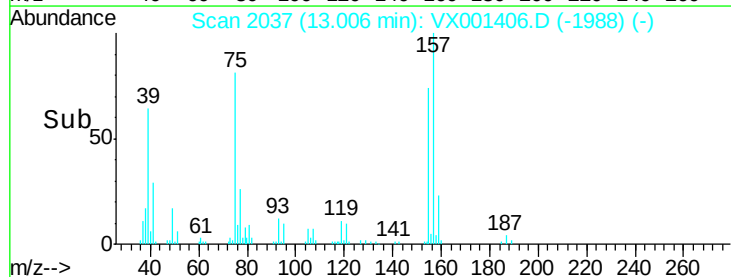
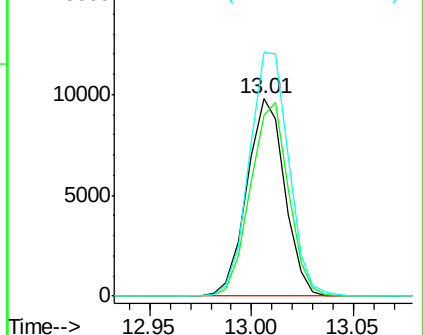
157 128.9 63.7 191.1

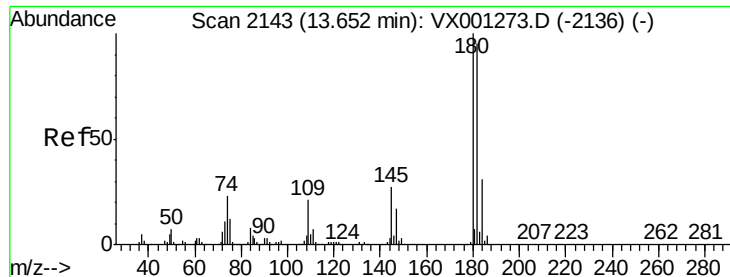


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

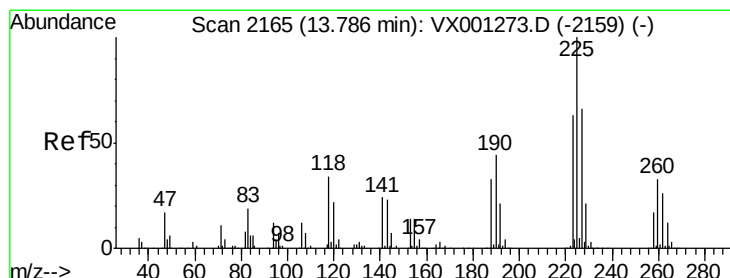
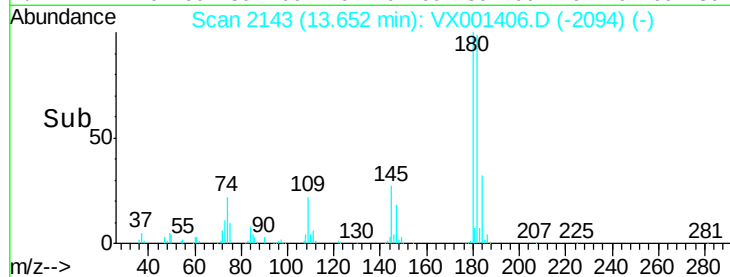
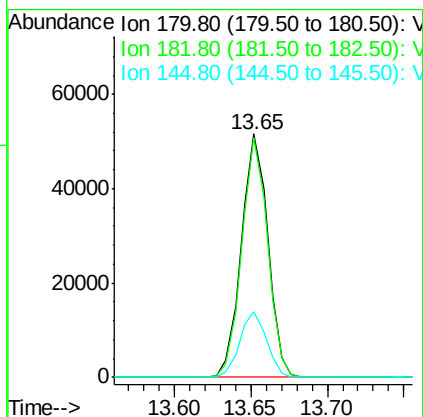
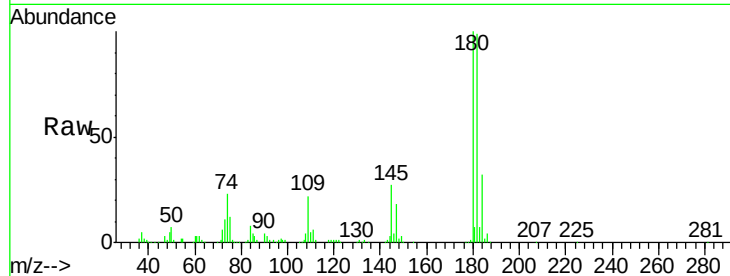




#93
 1,2,4-Trichlorobenzene
 Concen: 19.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

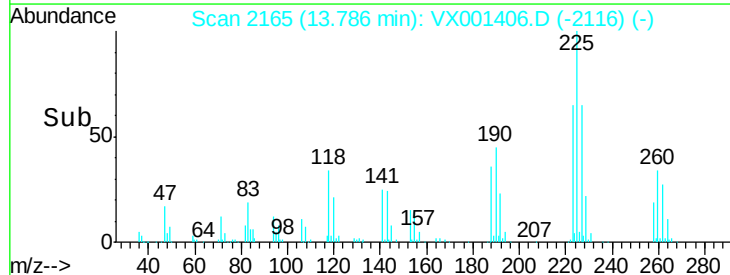
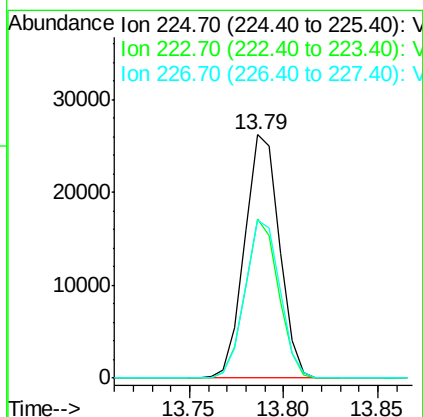
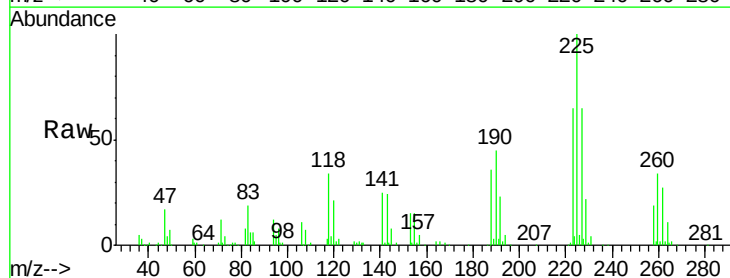
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504MBS01

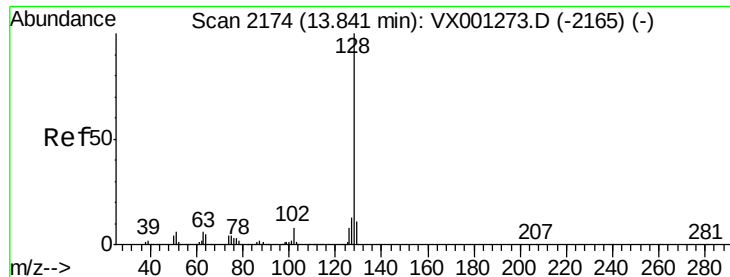
Tgt Ion:180 Resp: 61872
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.9
 145 27.0 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 20.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001406.D
 Acq: 04 May 2018 19:26

Tgt Ion:225 Resp: 33634
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 64.9 32.5 97.5

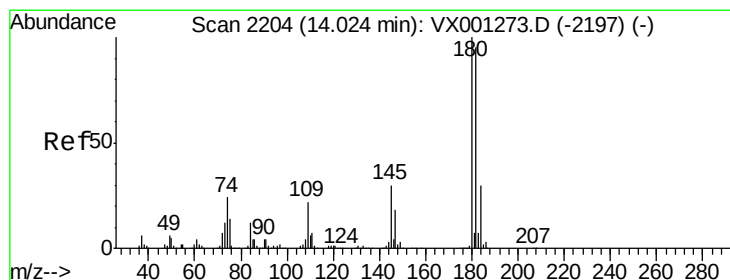
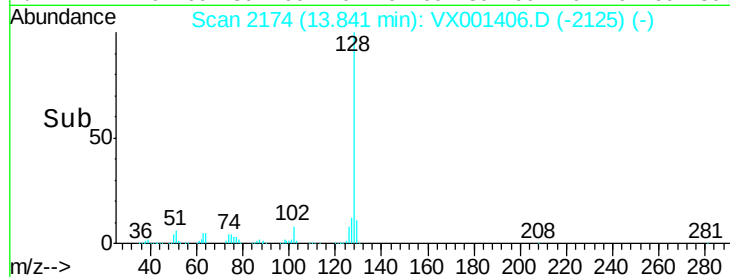
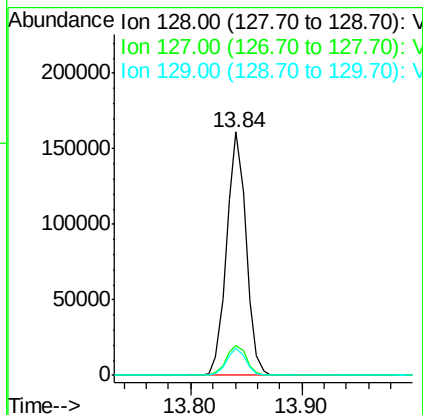
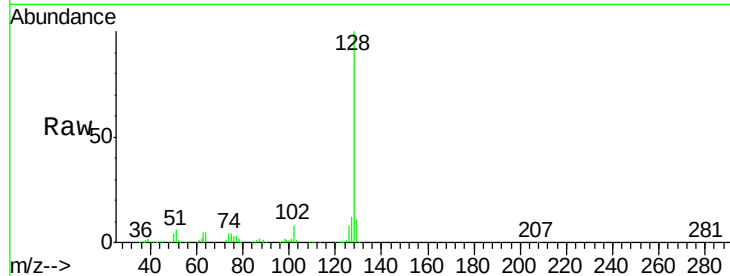




#95
Naphthalene
Concen: 23.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
VX0504MBS01

Tgt Ion:128 Resp: 193485
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.06 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001406.D
Acq: 04 May 2018 19:26

Tgt Ion:180 Resp: 66408
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 28.3 14.4 43.4

