

Data File : VX001286.D

Acq On : 01 May 2018 19:53

Operator : JC/MD

Sample : VX0501WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Quant Time: May 02 02:06:07 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	191208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123005	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	5.51	113	103443	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.72	98	386061	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	143736	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41880	19.80	ug/l	99
3) Chloromethane	1.32	50	40220	19.37	ug/l	99
4) Vinyl Chloride	1.40	62	42593	19.49	ug/l	100
5) Bromomethane	1.64	94	32644	19.04	ug/l	98
6) Chloroethane	1.73	64	26308	19.04	ug/l	99
7) Trichlorofluoromethane	1.93	101	72935	19.77	ug/l	100
8) Diethyl Ether	2.19	74	24495	19.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41824	19.66	ug/l	98
10) Methyl Iodide	2.51	142	33614	17.57	ug/l	98
11) Tert butyl alcohol	3.08	59	51769	113.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36816	19.19	ug/l	98
13) Acrolein	2.29	56	23003	87.73	ug/l	100
14) Allyl chloride	2.73	41	65028	19.38	ug/l	100
15) Acrylonitrile	3.15	53	106934	101.32	ug/l	99
16) Acetone	2.45	43	110092	97.44	ug/l	100
17) Carbon Disulfide	2.57	76	87346	17.48	ug/l	99
18) Methyl Acetate	2.78	43	57269	21.46	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	128447	19.66	ug/l	99
20) Methylene Chloride	2.86	84	41114	19.19	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38696	18.54	ug/l	98
22) Diisopropyl ether	3.88	45	116133	17.97	ug/l	97
23) Vinyl Acetate	3.83	43	495330	90.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71629	19.90	ug/l	99
25) 2-Butanone	4.71	43	149370	97.78	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50795	17.34	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41614	18.14	ug/l	99
28) Bromochloromethane	5.03	49	34260	21.17	ug/l	97
29) Tetrahydrofuran	5.18	42	94507	100.59	ug/l	100
30) Chloroform	5.22	83	69992	18.39	ug/l	99
31) Cyclohexane	5.57	56	58138	17.88	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	59567	17.91	ug/l	98
36) 1,1-Dichloropropene	5.81	75	51108	17.71	ug/l	99
37) Ethyl Acetate	4.87	43	55878	19.18	ug/l	100
38) Carbon Tetrachloride	5.79	117	53471	17.69	ug/l	95

Data File : VX001286.D

Acq On : 01 May 2018 19:53

Operator : JC/MD

Sample : VX0501WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Quant Time: May 02 02:06:07 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	61742	18.09	ug/l	98
40) Benzene	6.15	78	152275	18.34	ug/l	98
41) Methacrylonitrile	5.07	41	30893	18.20	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58143	18.09	ug/l	100
43) Isopropyl Acetate	6.48	43	87933	18.64	ug/l	99
44) Trichloroethene	7.21	130	45683	17.98	ug/l	97
45) 1,2-Dichloropropane	7.52	63	39119	18.35	ug/l	96
46) Dibromomethane	7.67	93	26942	18.03	ug/l	98
47) Bromodichloromethane	7.90	83	48399	18.11	ug/l	99
48) Methyl methacrylate	7.79	41	45799	18.26	ug/l	98
49) 1,4-Dioxane	7.76	88	20449	432.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	301179	99.02	ug/l	100
52) Toluene	8.79	92	98980	18.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	56876	17.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	50878	17.40	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	40648	18.54	ug/l	96
56) Ethyl methacrylate	9.19	69	56934	18.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	66247	18.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	144544	98.63	ug/l	100
59) 2-Hexanone	9.50	43	230384	96.91	ug/l	100
60) Dibromochloromethane	9.59	129	41059	17.96	ug/l	99
61) 1,2-Dibromoethane	9.68	107	43523	18.73	ug/l	100
64) Tetrachloroethene	9.34	164	55230	20.00	ug/l	97
65) Chlorobenzene	10.14	112	116091	18.31	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	41313	18.77	ug/l	99
67) Ethyl Benzene	10.26	91	189389	18.13	ug/l	99
68) m/p-Xylenes	10.37	106	152849	37.18	ug/l	99
69) o-Xylene	10.70	106	74325	18.64	ug/l	97
70) Styrene	10.72	104	119911	18.39	ug/l	99
71) Bromoform	10.86	173	32486	18.01	ug/l	# 99
73) Isopropylbenzene	11.02	105	198015	18.92	ug/l	99
74) N-amyl acetate	6.48	43	87933	19.59	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	60105	19.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66115	22.86	ug/l	90
77) Bromobenzene	11.26	156	57861	19.17	ug/l	97
78) n-propylbenzene	11.37	91	224127	19.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	135110	19.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171440	19.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13102	17.76	ug/l	92
82) 4-Chlorotoluene	11.52	91	157415	18.65	ug/l	100
83) tert-Butylbenzene	11.77	119	163714	18.68	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	174519	19.38	ug/l	100
85) sec-Butylbenzene	11.95	105	204532	19.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	189105	19.66	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	103671	18.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	105527	18.16	ug/l	99
89) n-Butylbenzene	12.40	91	158887	18.93	ug/l	99
90) Hexachloroethane	12.60	117	25082	18.01	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	104987	18.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12651	19.97	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

Data File : VX001286.D
Acq On : 01 May 2018 19:53
Operator : JC/MD
Sample : VX0501WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Quant Time: May 02 02:06:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

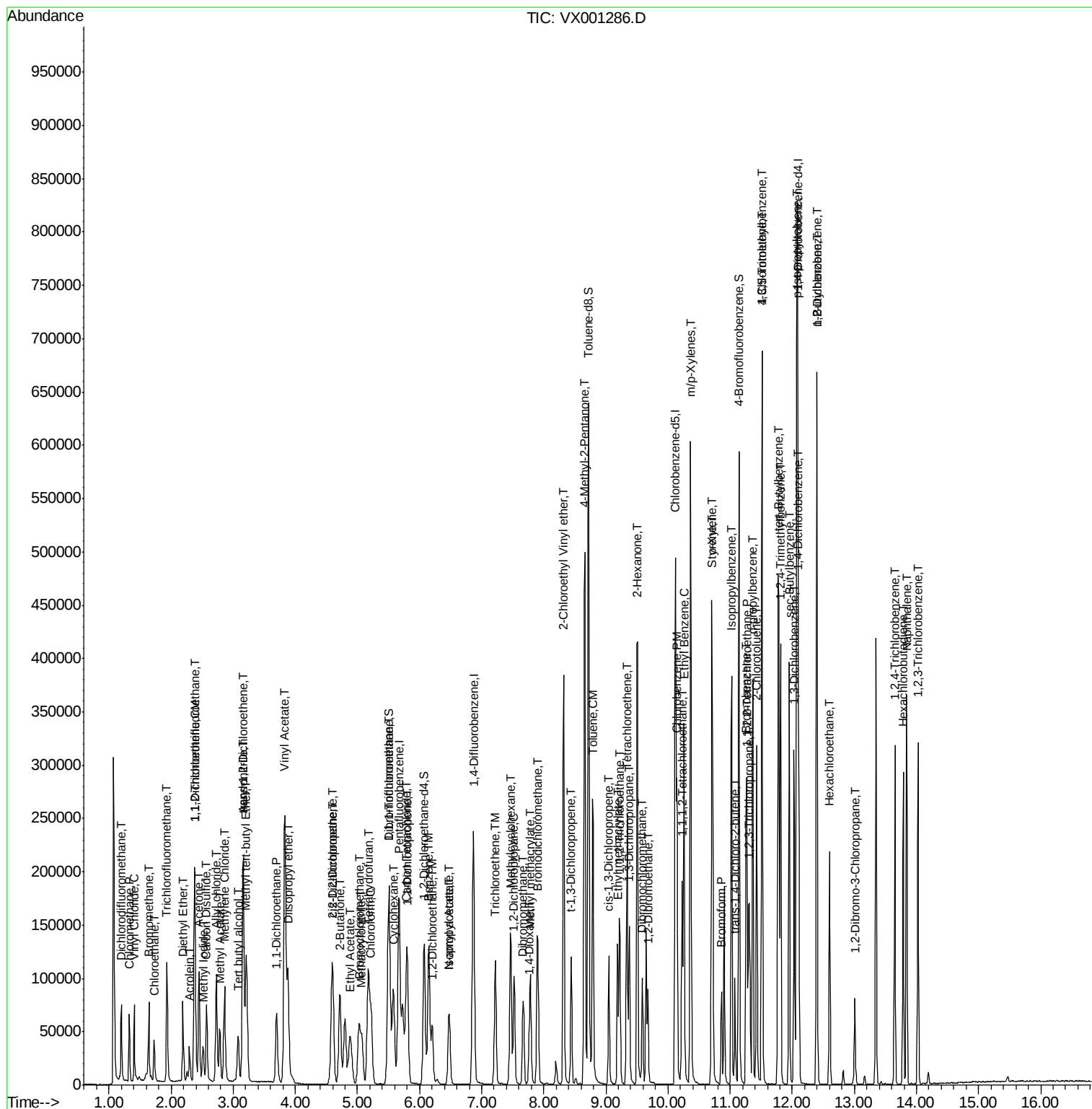
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80779	17.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	44768	18.96	ug/l	99
95) Naphthalene	13.84	128	224823	19.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83507	18.85	ug/l	99

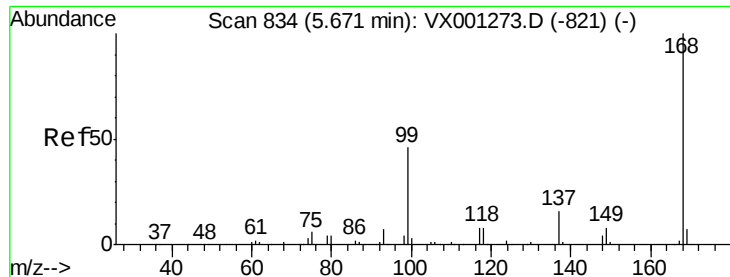
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 19      Sample Multiplier: 1
```

VX0501WBS02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

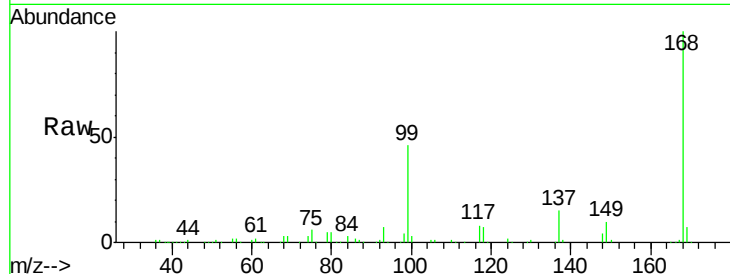
VX0501WBS02

Tgt Ion:168 Resp: 191208

Ion Ratio Lower Upper

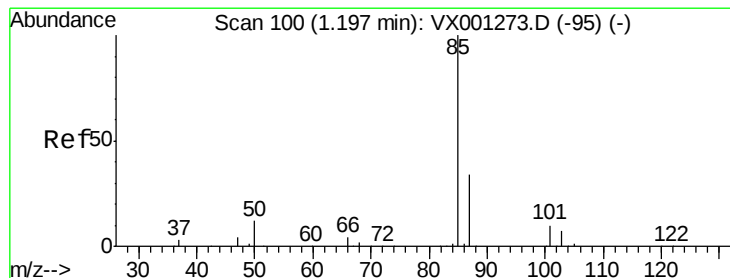
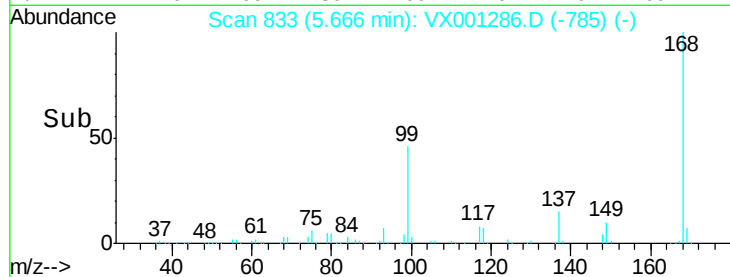
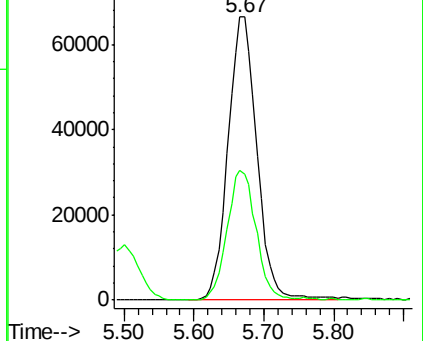
168 100

99 45.7 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: 19.80 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001286.D

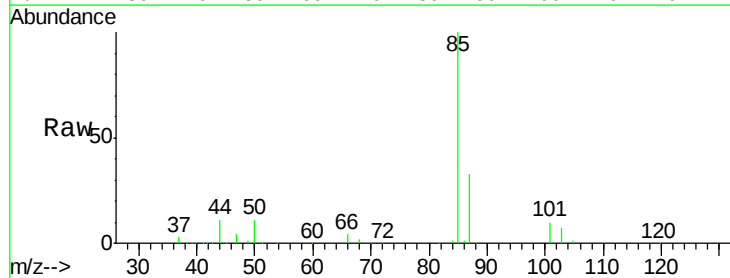
Acq: 01 May 2018 19:53

Tgt Ion: 85 Resp: 41880

Ion Ratio Lower Upper

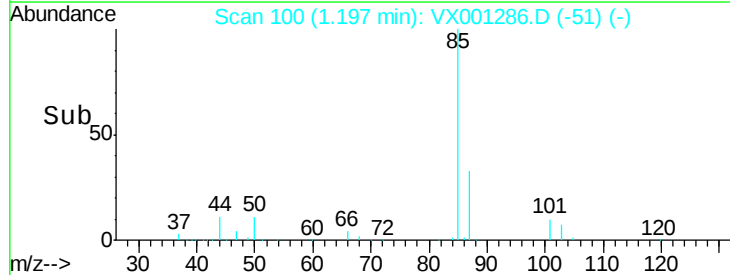
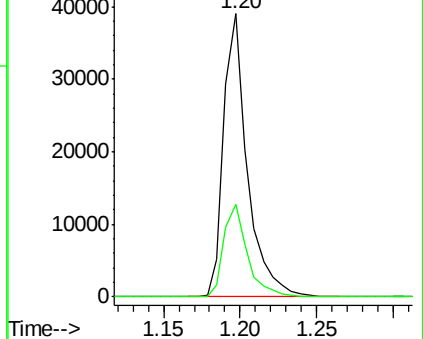
85 100

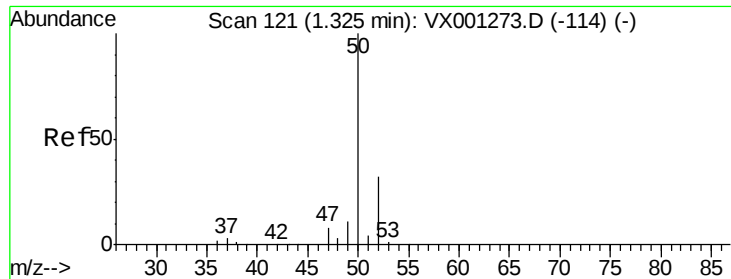
87 32.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.37 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

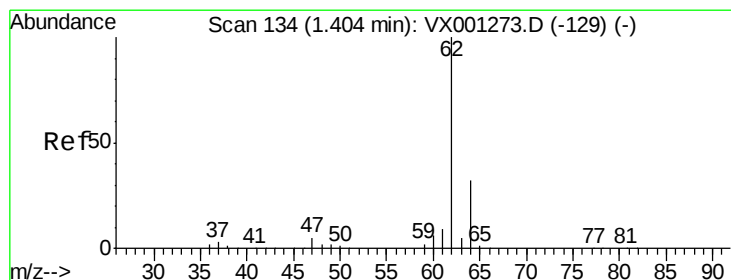
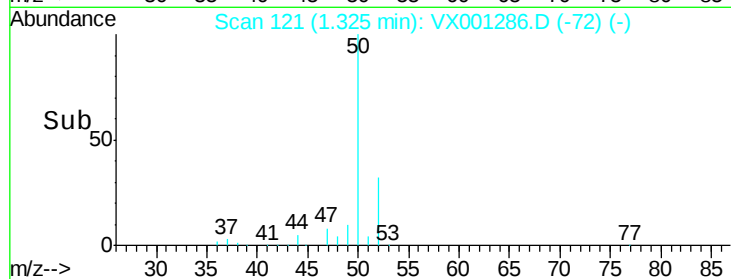
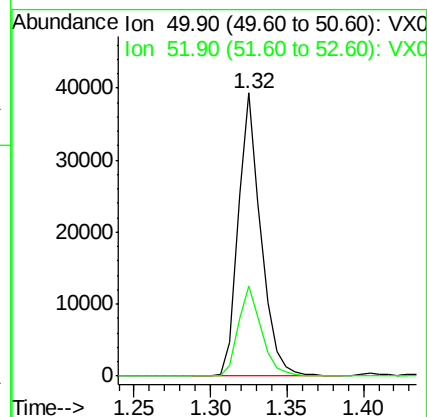
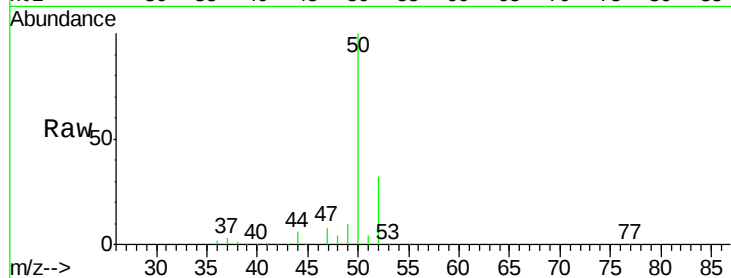
VX0501WBS02

Tgt Ion: 50 Resp: 40220

Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5



#4

Vinyl Chloride

Concen: 19.49 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001286.D

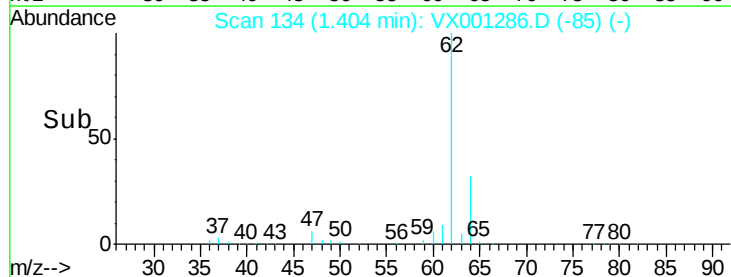
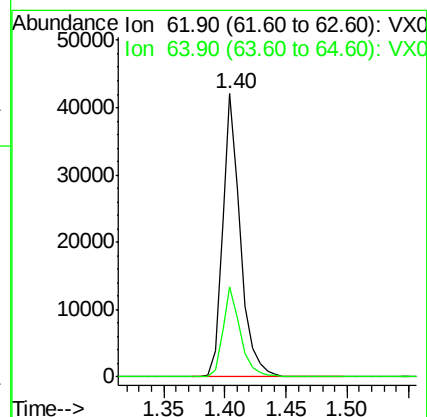
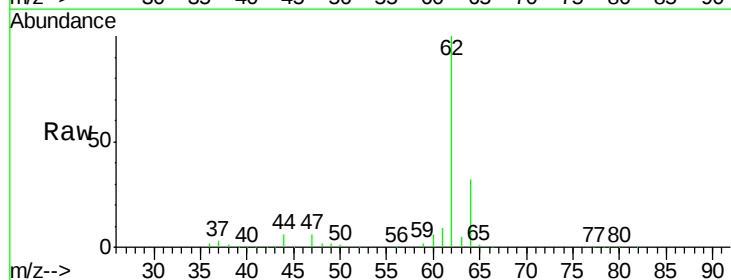
Acq: 01 May 2018 19:53

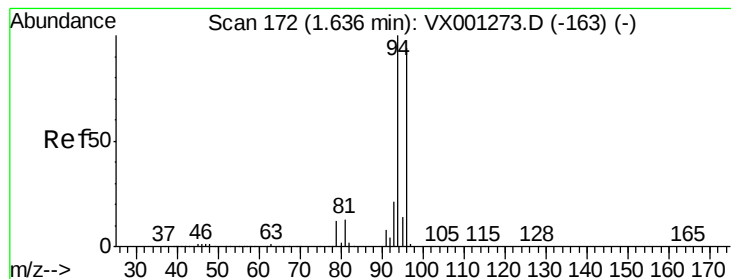
Tgt Ion: 62 Resp: 42593

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 19.04 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

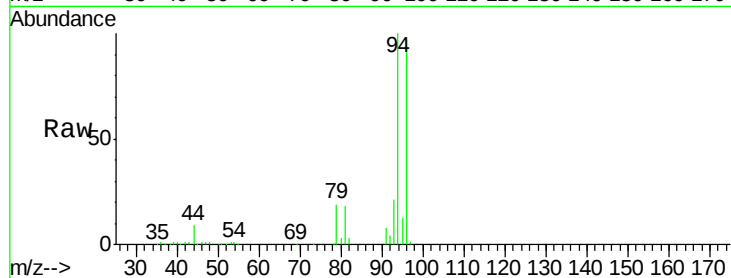
VX0501WBS02

Tgt Ion: 94 Resp: 32644

Ion Ratio Lower Upper

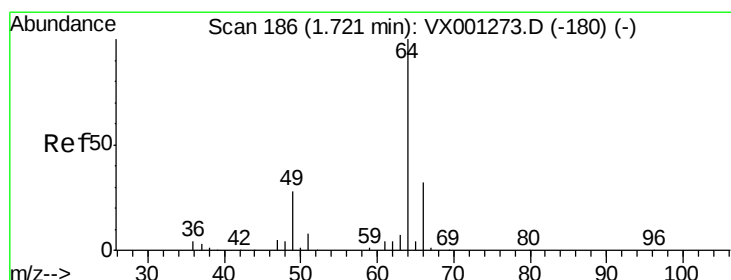
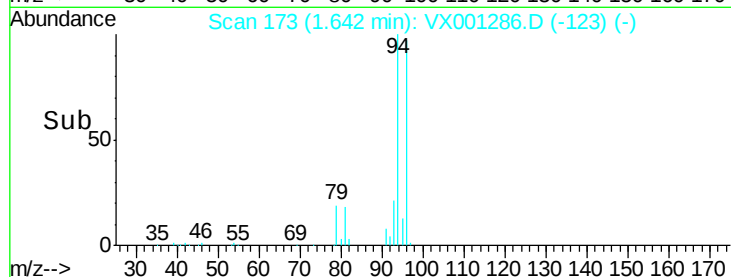
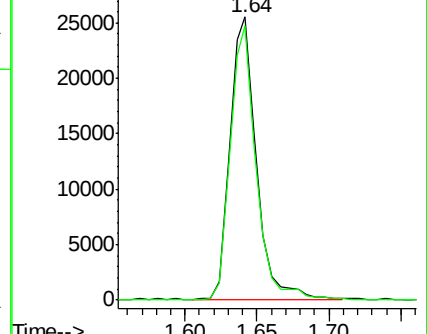
94 100

96 96.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.04 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001286.D

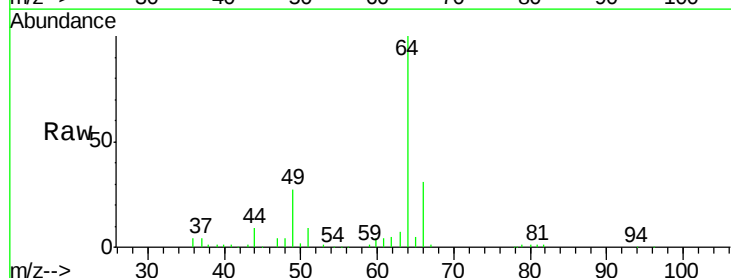
Acq: 01 May 2018 19:53

Tgt Ion: 64 Resp: 26308

Ion Ratio Lower Upper

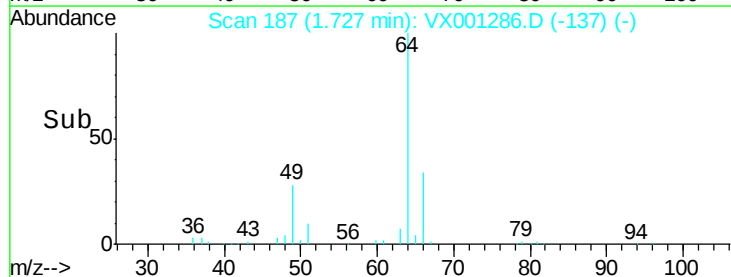
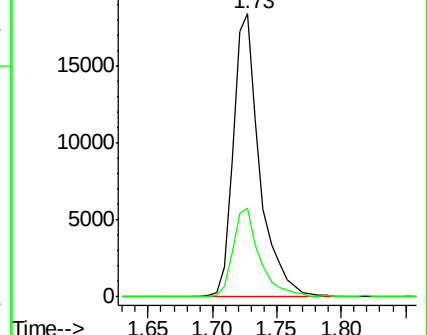
64 100

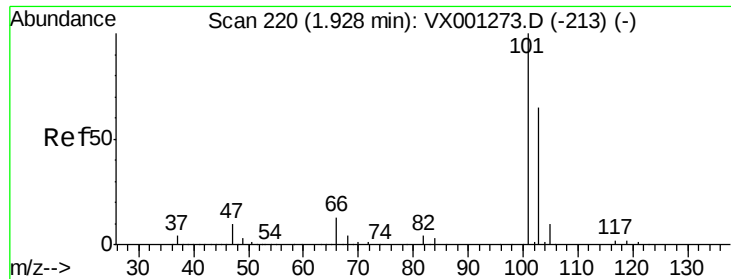
66 31.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.77 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

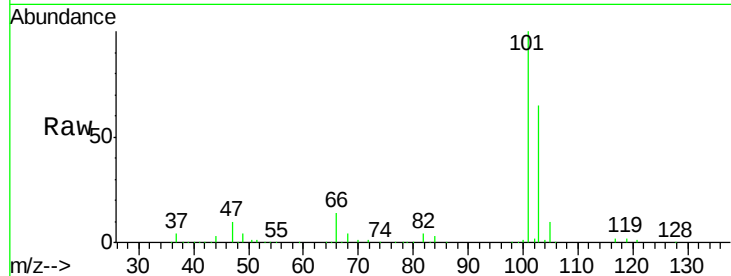
VX0501WBS02

Tgt Ion:101 Resp: 72935

Ion Ratio Lower Upper

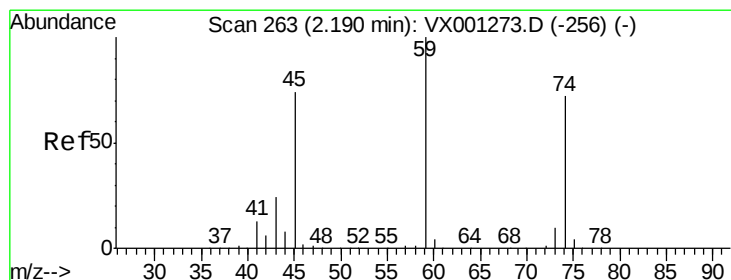
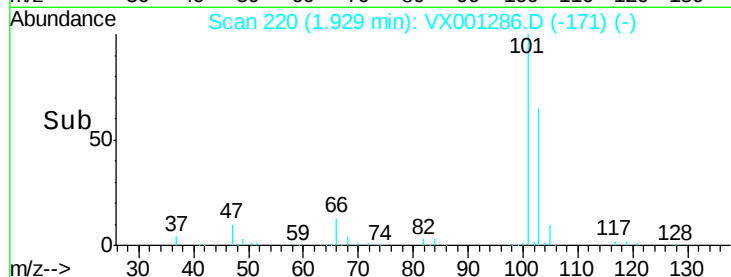
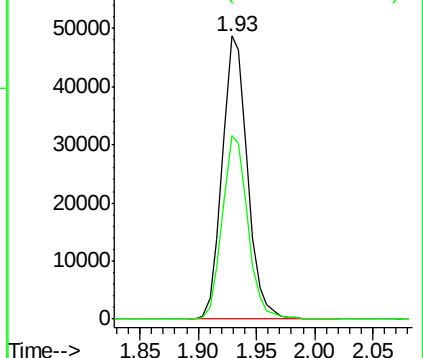
101 100

103 64.9 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.34 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001286.D

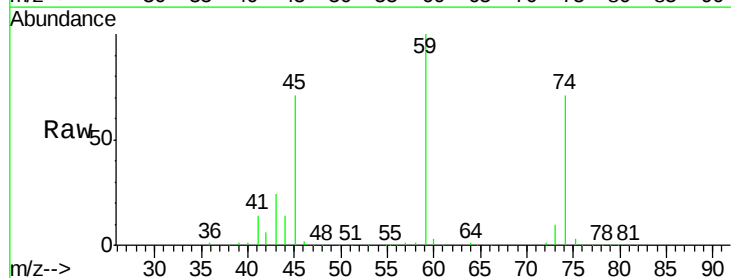
Acq: 01 May 2018 19:53

Tgt Ion: 74 Resp: 24495

Ion Ratio Lower Upper

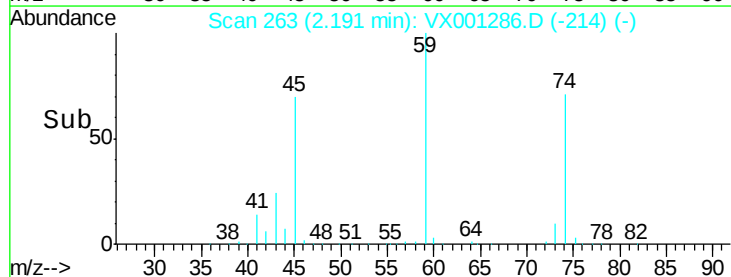
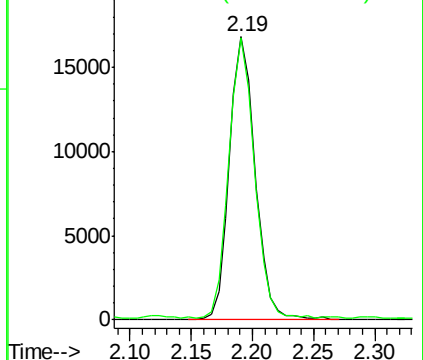
74 100

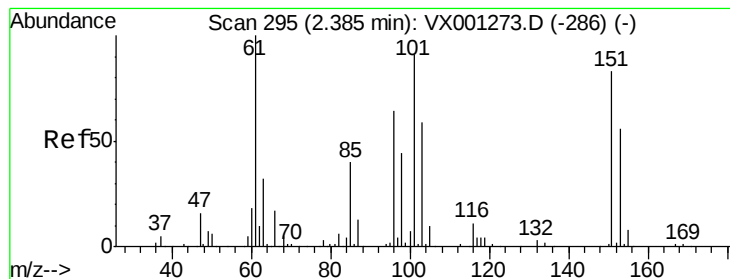
45 98.4 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

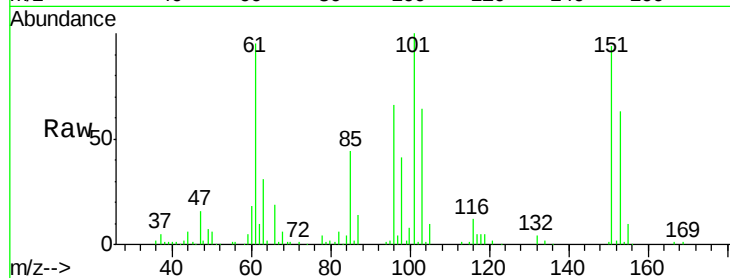
Tgt Ion:101 Resp: 41824

Ion Ratio Lower Upper

101 100

85 43.7 35.6 53.4

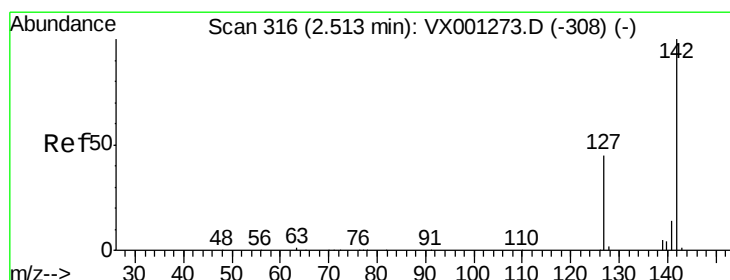
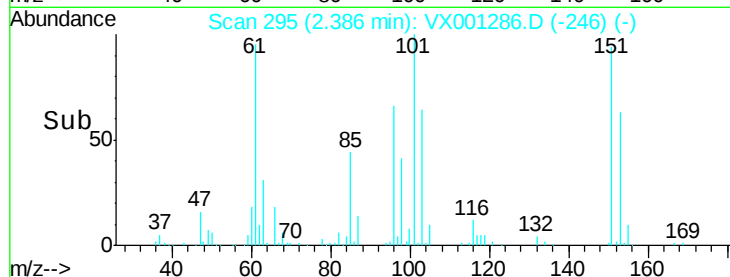
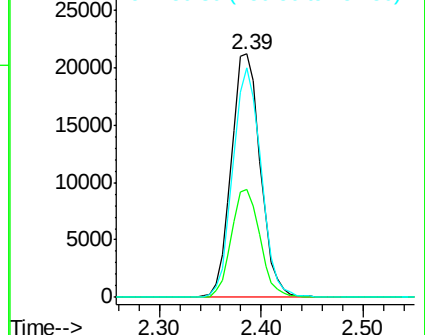
151 91.3 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.57 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

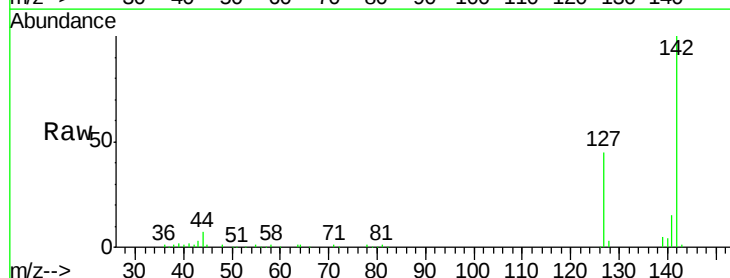
Tgt Ion:142 Resp: 33614

Ion Ratio Lower Upper

142 100

127 45.7 35.7 53.5

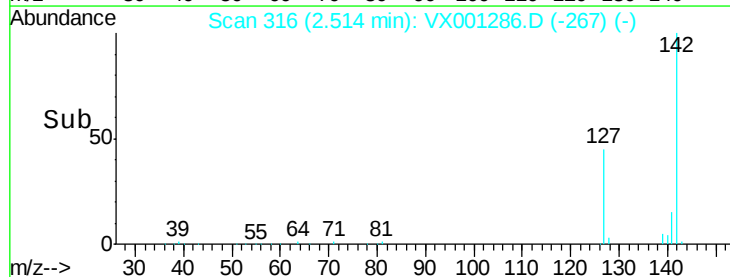
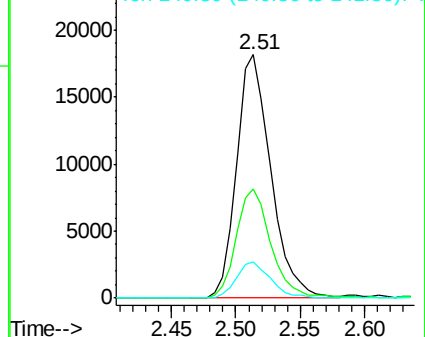
141 14.7 11.4 17.0

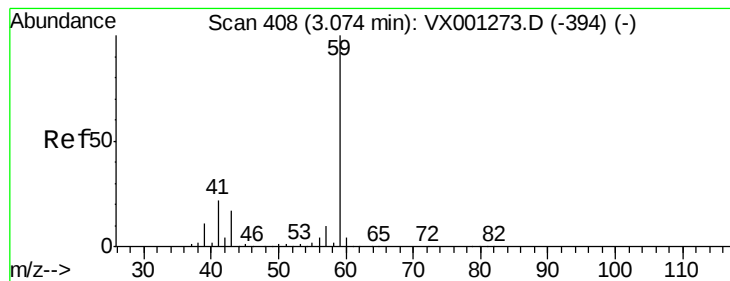


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



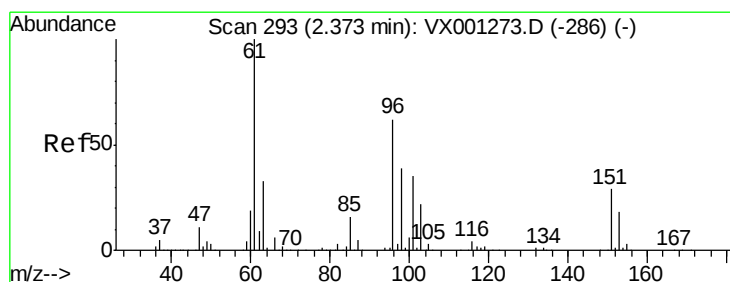
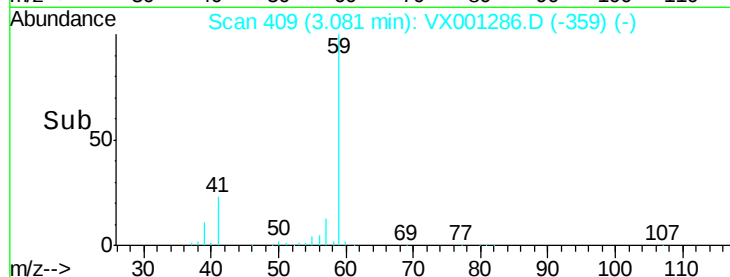
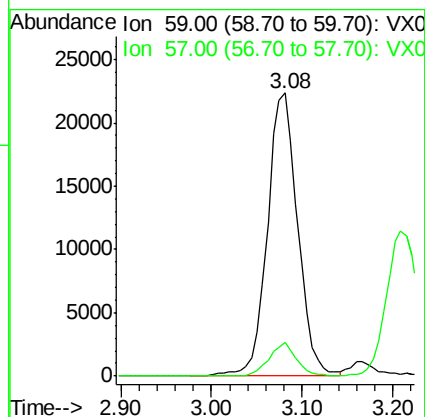
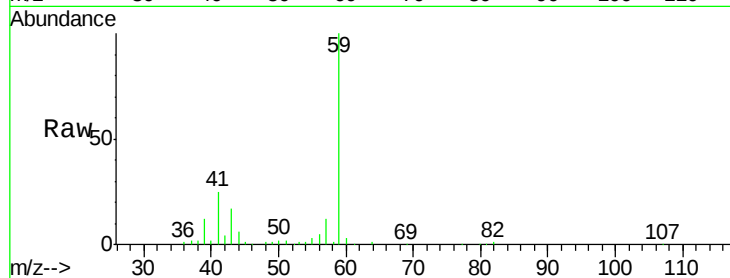


#11

Tert butyl alcohol
 Concen: 113.68 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

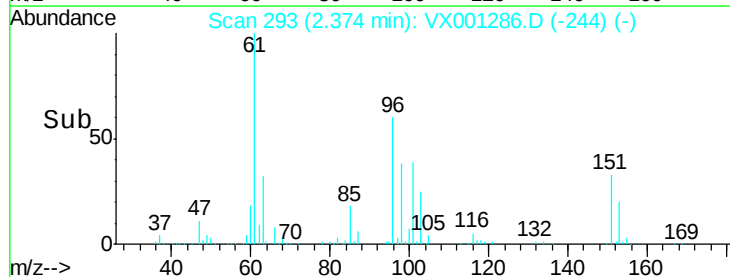
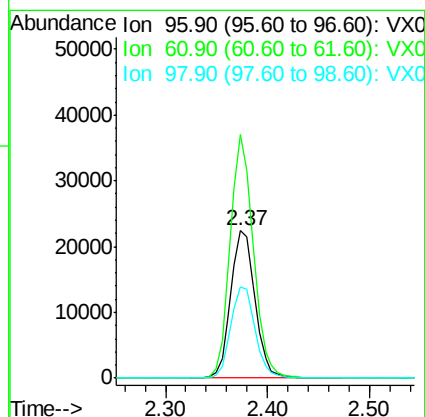
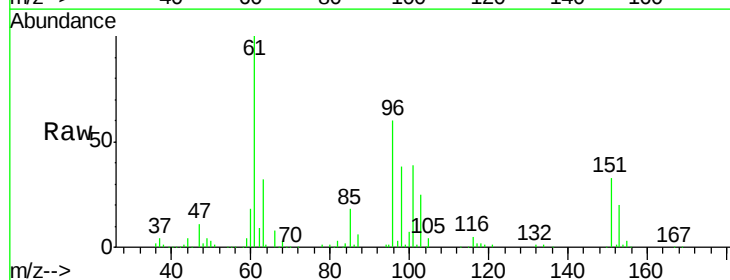
Tgt Ion: 59 Resp: 51769
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

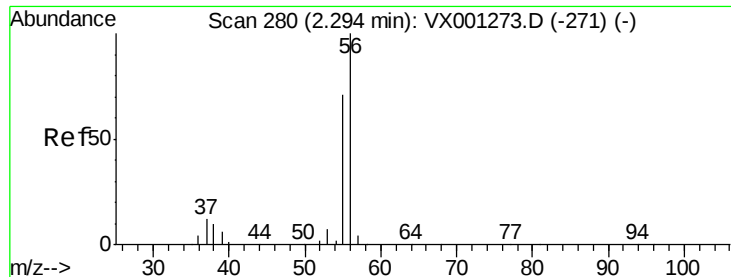


#12

1,1-Dichloroethene
 Concen: 19.19 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion: 96 Resp: 36816
 Ion Ratio Lower Upper
 96 100
 61 165.6 130.1 195.1
 98 62.3 50.3 75.5





#13

Acrolein

Concen: 87.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

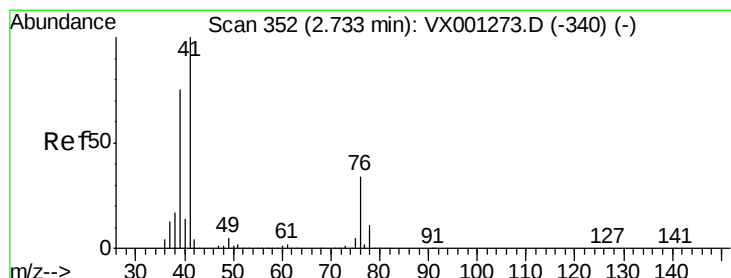
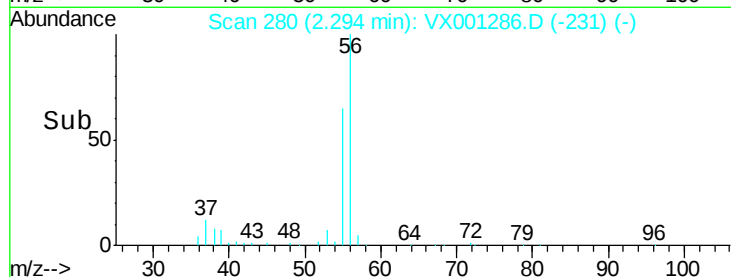
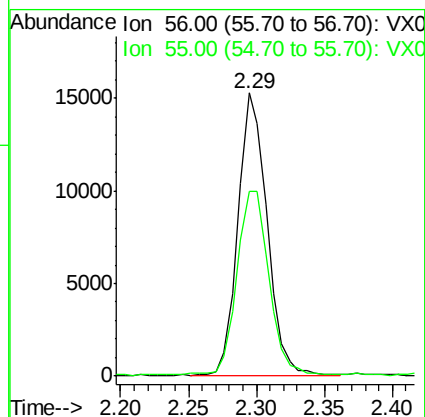
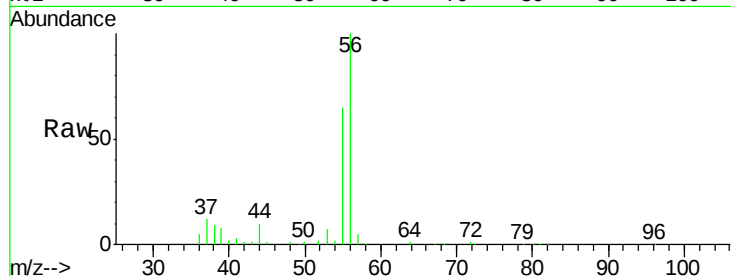
VX0501WBS02

Tgt Ion: 56 Resp: 23003

Ion Ratio Lower Upper

56 100

55 71.6 57.2 85.8



#14

Allyl chloride

Concen: 19.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

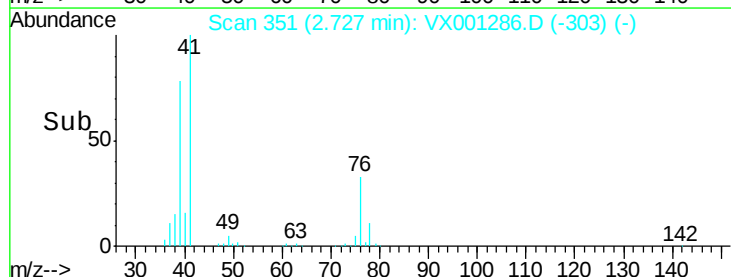
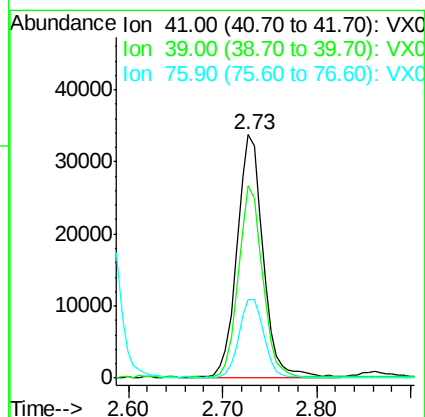
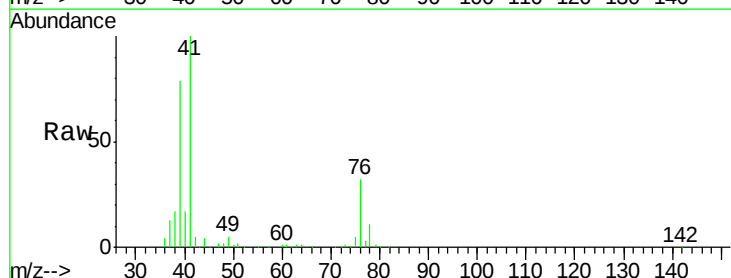
Tgt Ion: 41 Resp: 65028

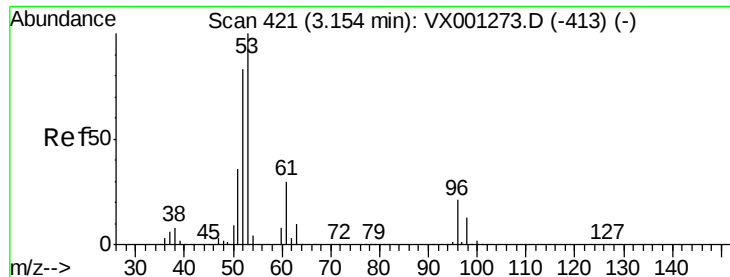
Ion Ratio Lower Upper

41 100

39 73.1 58.1 87.1

76 31.4 25.1 37.7





#15

Acrylonitrile

Concen: 101.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampled :

VX0501WBS02

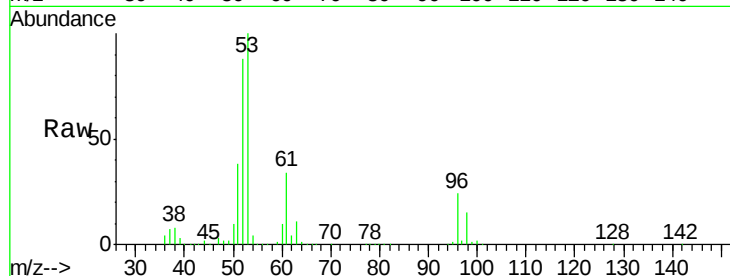
Tgt Ion: 53 Resp: 106934

Ion Ratio Lower Upper

53 100

52 85.0 67.0 100.4

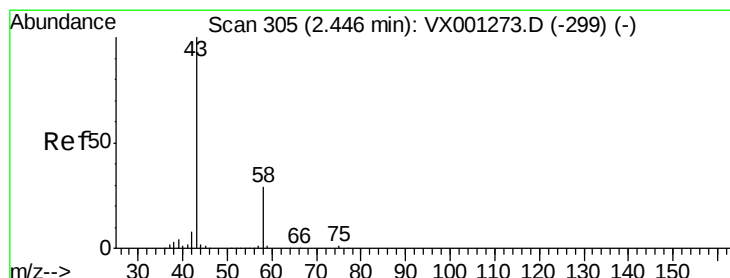
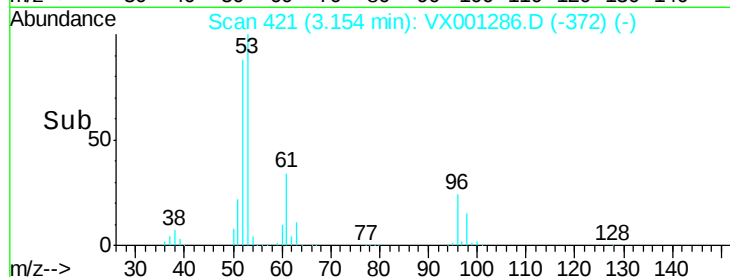
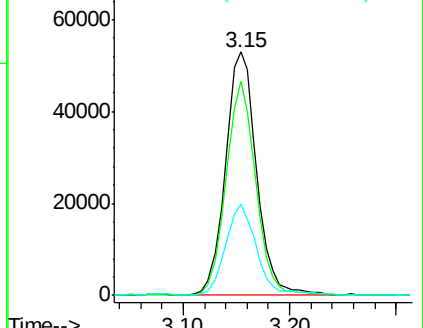
51 38.1 29.9 44.9



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: 97.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001286.D

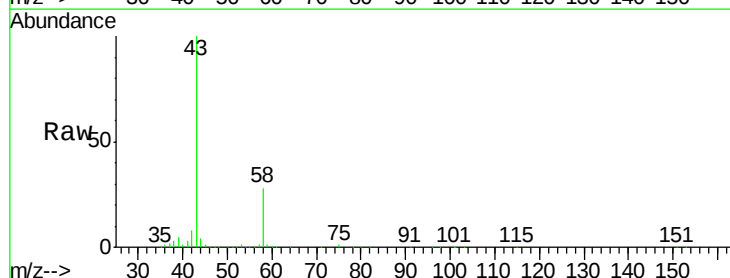
Acq: 01 May 2018 19:53

Tgt Ion: 43 Resp: 110092

Ion Ratio Lower Upper

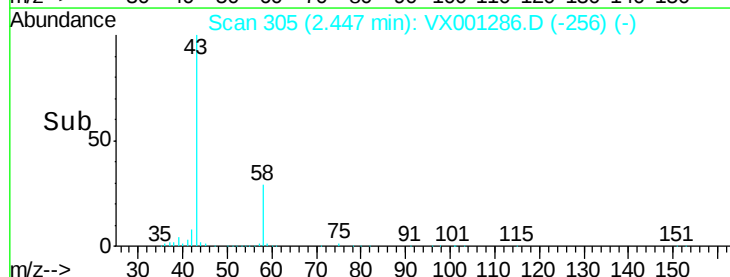
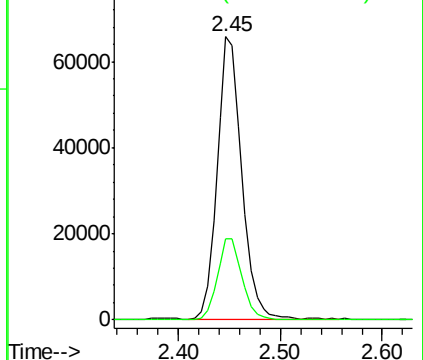
43 100

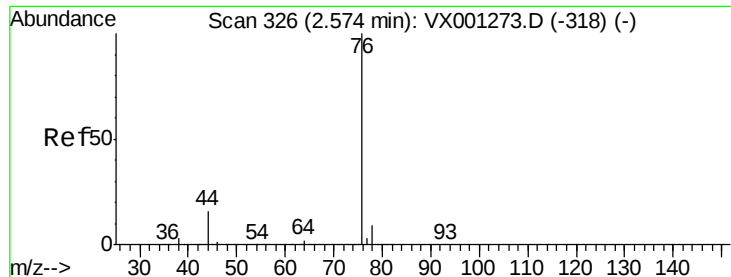
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.48 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

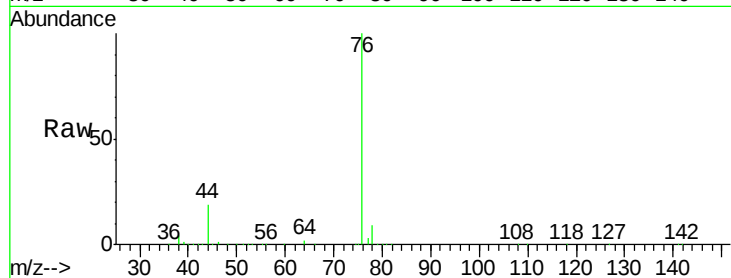
VX0501WBS02

Tgt Ion: 76 Resp: 87346

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

50000

40000

30000

20000

10000

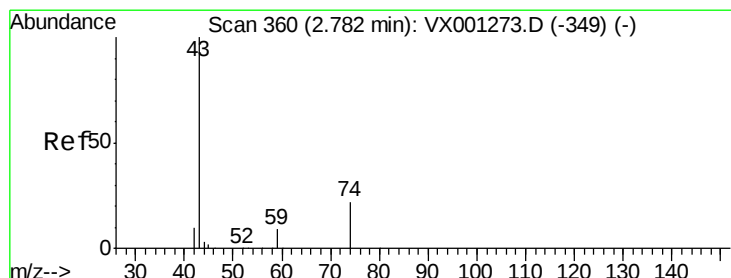
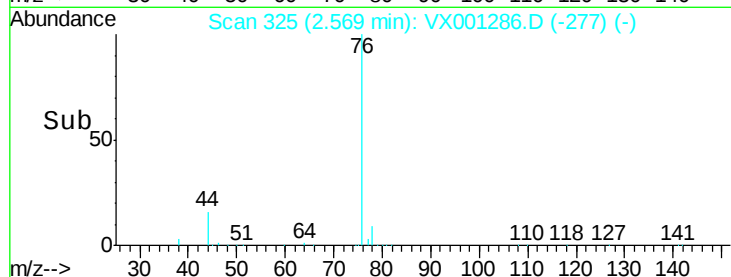
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001286.D

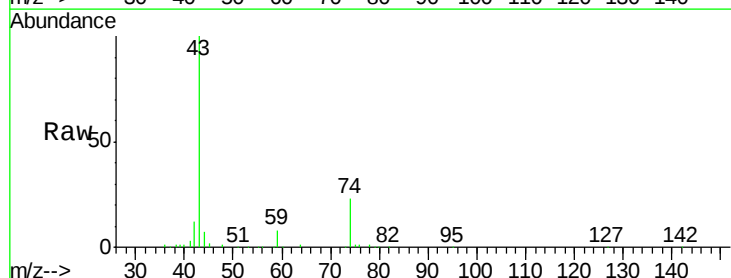
Acq: 01 May 2018 19:53

Tgt Ion: 43 Resp: 57269

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

20000

10000

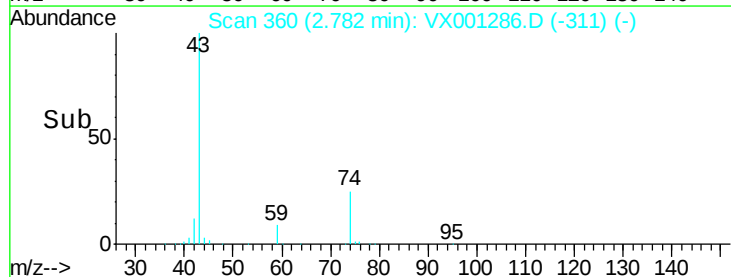
0

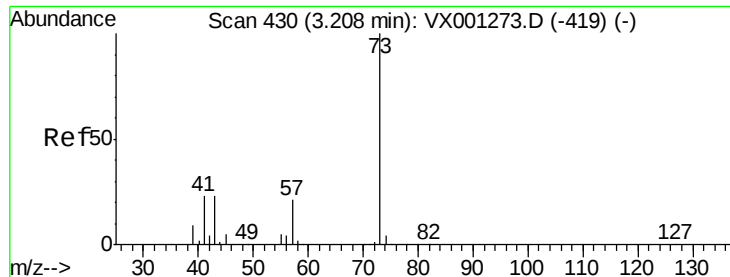
Time-->

2.70

2.80

2.90

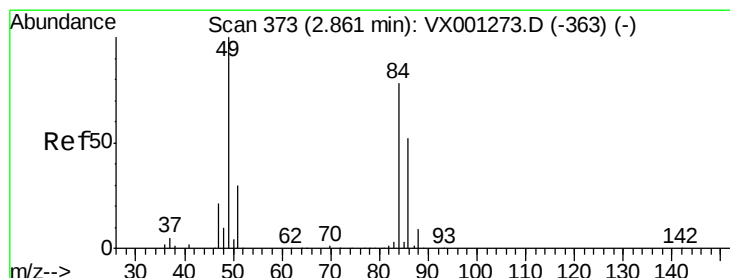
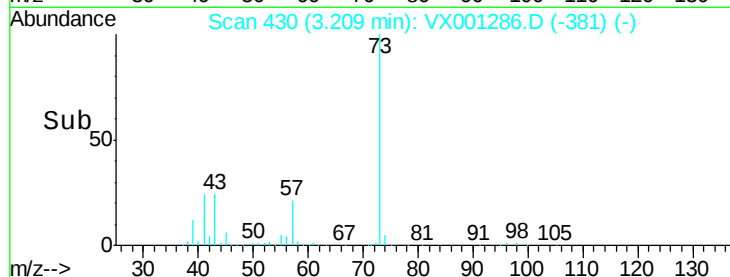
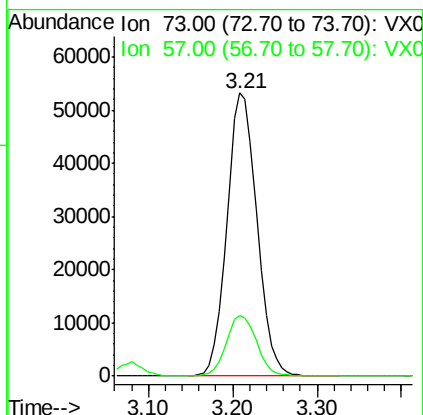
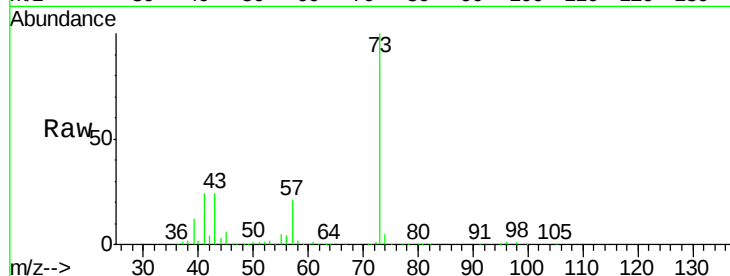




#19
Methyl tert-butyl Ether
Concen: 19.66 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

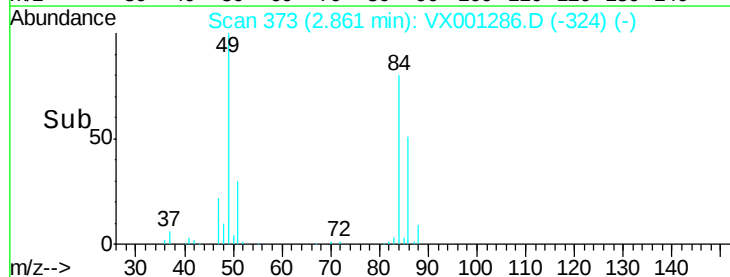
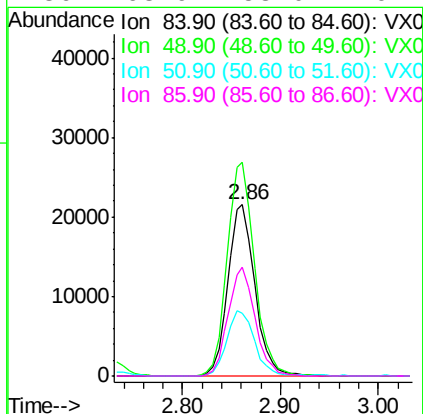
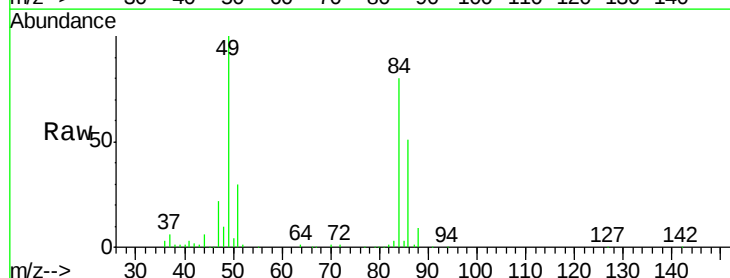
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

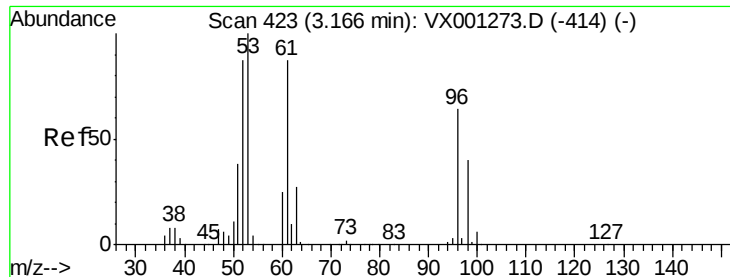
Tgt Ion: 73 Resp: 128447
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 19.19 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 84 Resp: 41114
Ion Ratio Lower Upper
84 100
49 124.8 102.8 154.2
51 36.9 30.9 46.3
86 63.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

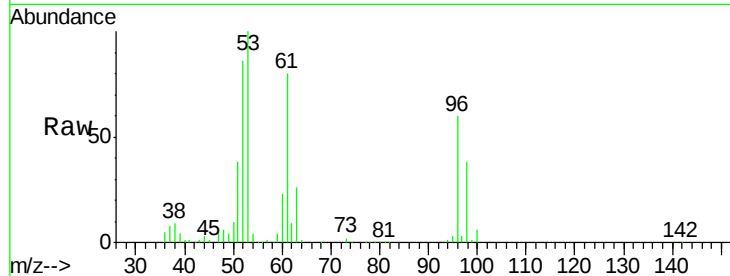
Tgt Ion: 96 Resp: 38696

Ion Ratio Lower Upper

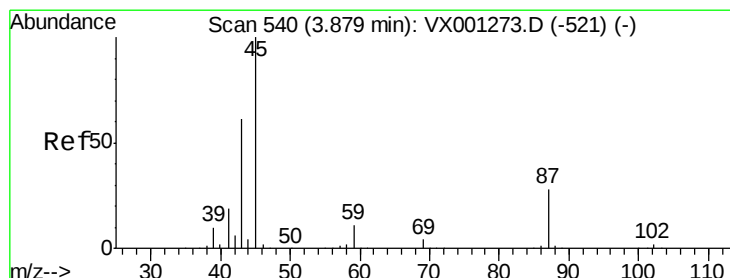
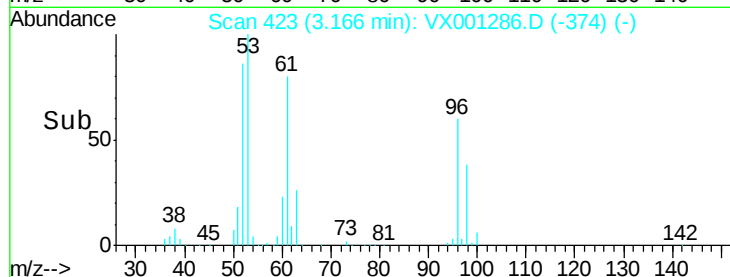
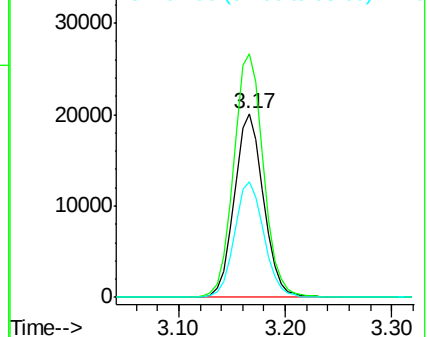
96 100

61 132.4 108.6 162.8

98 63.0 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.97 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Tgt Ion: 45 Resp: 116133

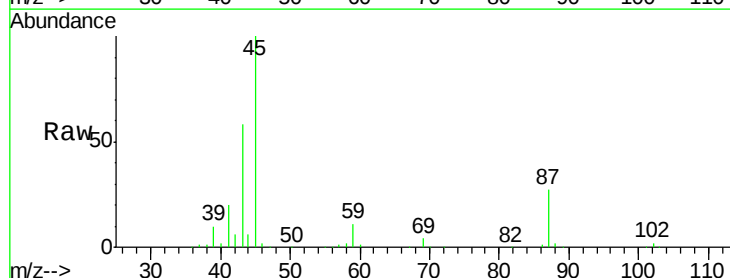
Ion Ratio Lower Upper

45 100

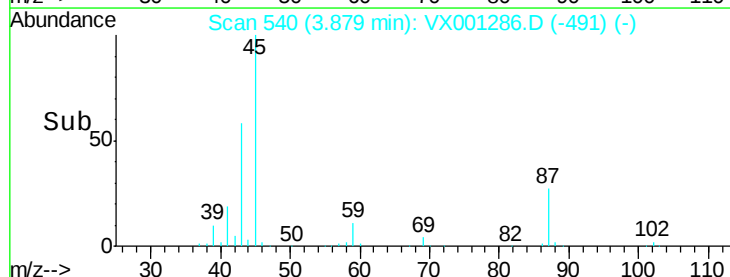
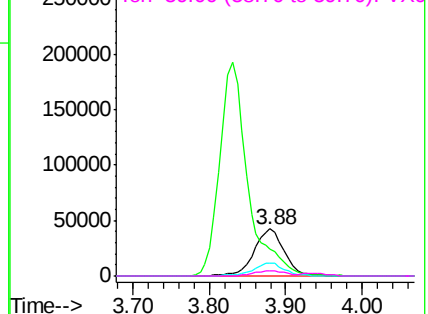
43 57.1 48.7 73.1

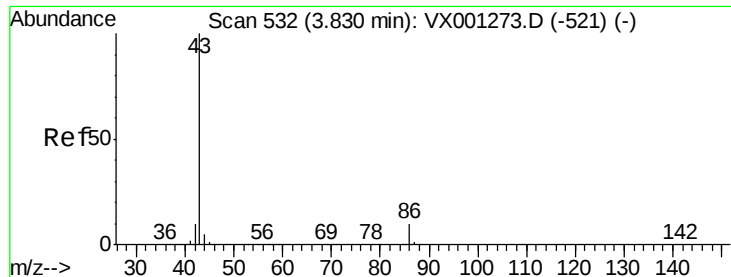
87 27.5 22.2 33.4

59 11.3 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

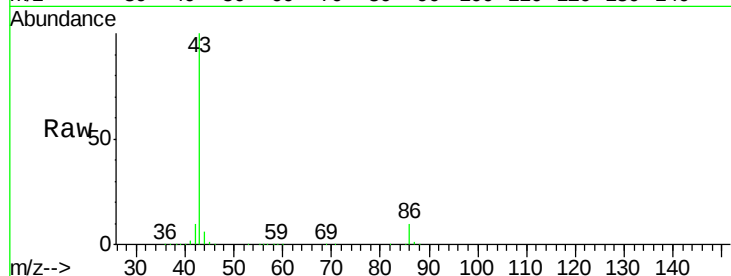
VX0501WBS02

Tgt Ion: 43 Resp: 495330

Ion Ratio Lower Upper

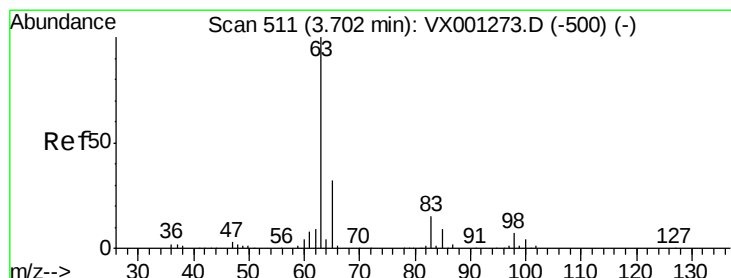
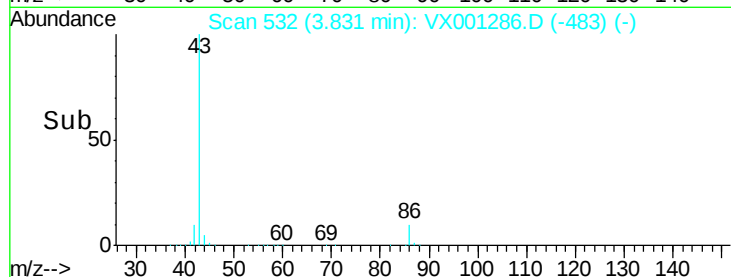
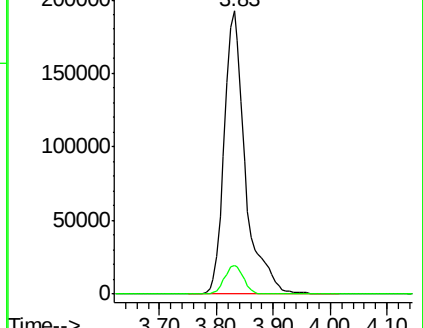
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.90 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

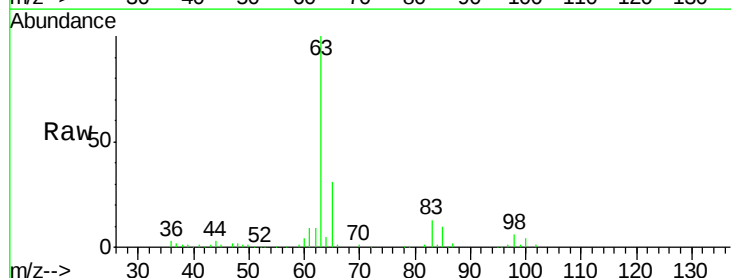
Tgt Ion: 63 Resp: 71629

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

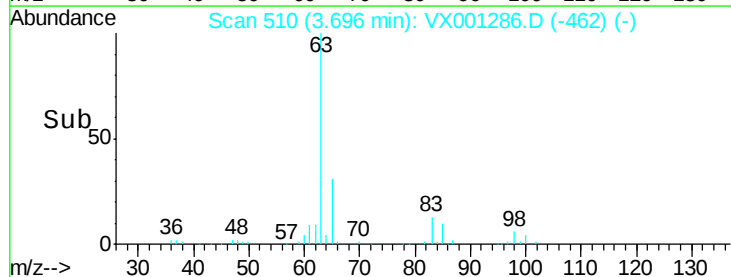
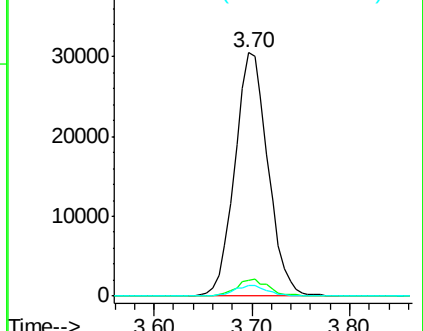
100 4.5 2.3 6.8

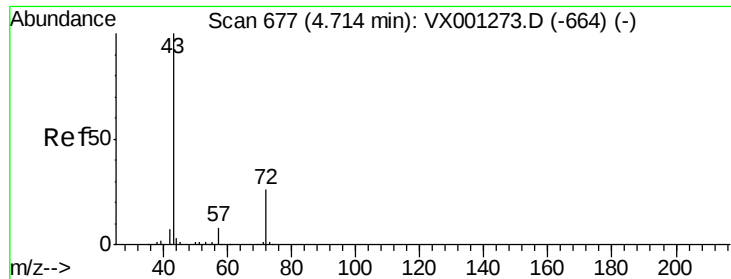


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

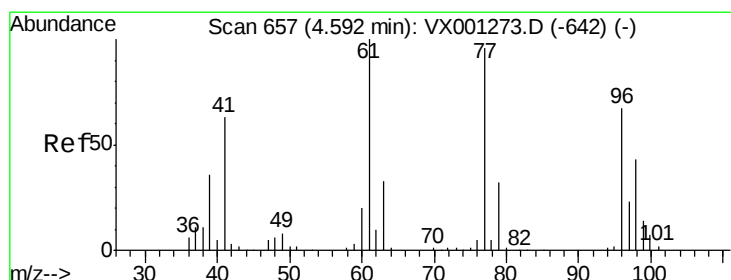
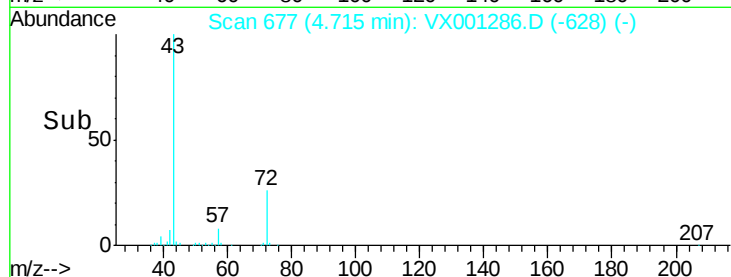
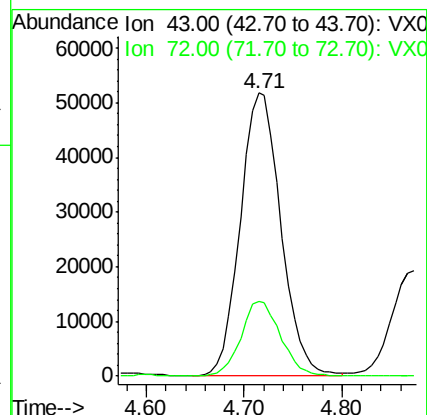
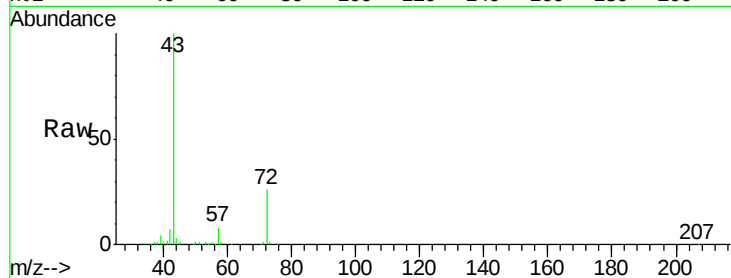




#25
 2-Butanone
 Concen: 97.78 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

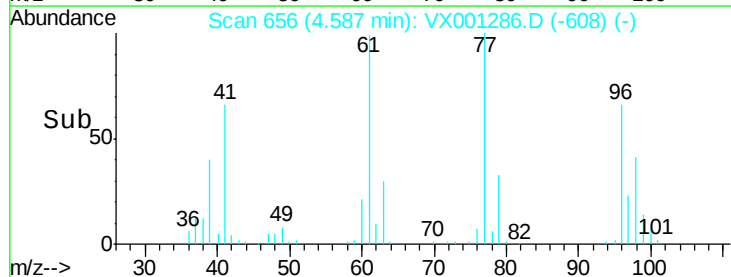
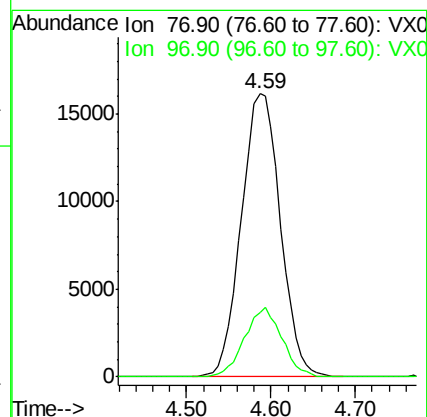
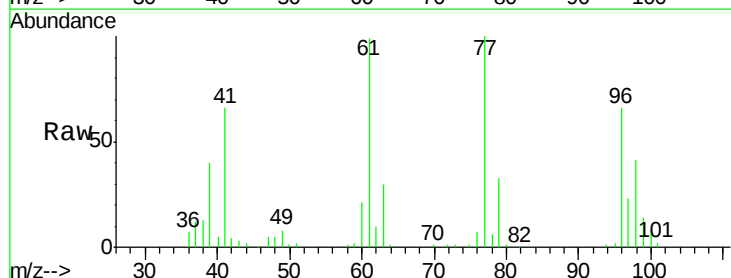
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

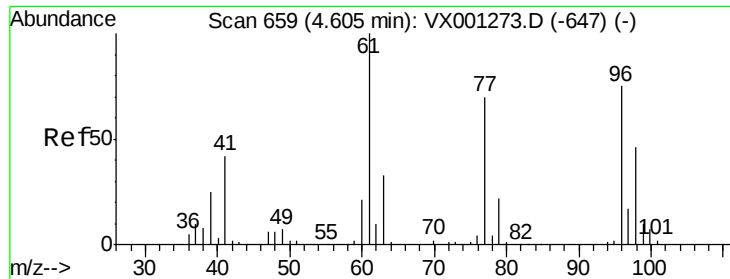
Tgt Ion: 43 Resp: 149370
 Ion Ratio Lower Upper
 43 100
 72 26.3 20.5 30.7



#26
 2,2-Dichloropropane
 Concen: 17.34 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion: 77 Resp: 50795
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.14 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampled :

VX0501WBS02

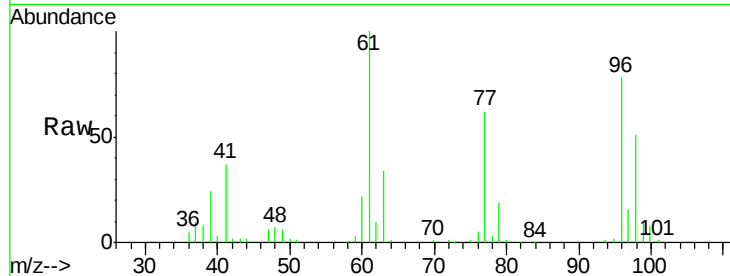
Tgt Ion: 96 Resp: 41614

Ion Ratio Lower Upper

96 100

61 141.5 0.0 288.0

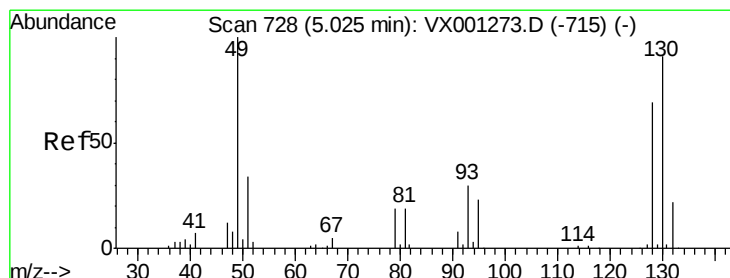
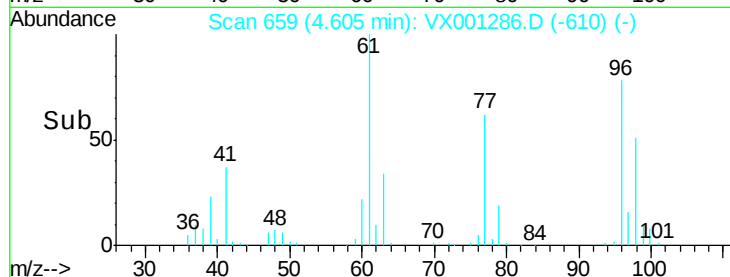
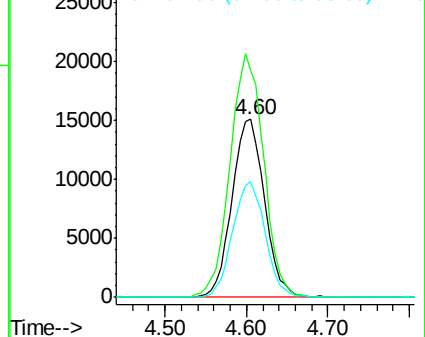
98 64.9 0.0 130.2



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: 21.17 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

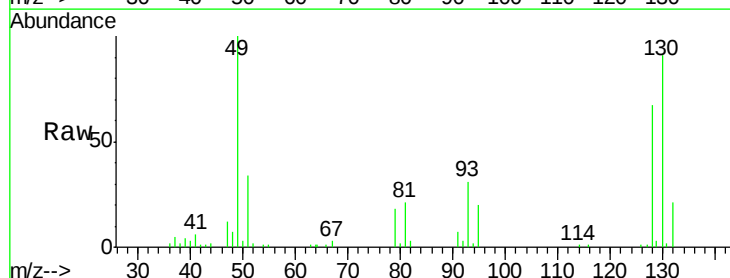
Tgt Ion: 49 Resp: 34260

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

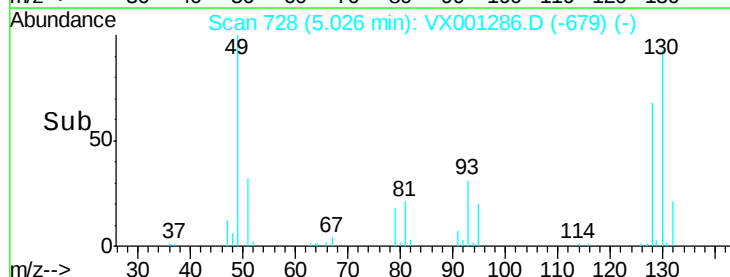
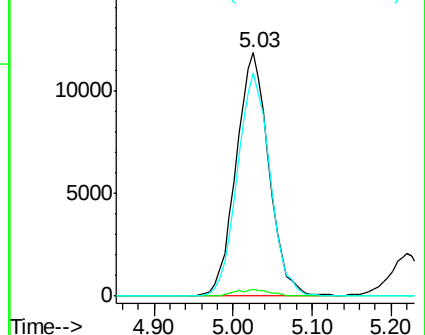
130 90.9 70.4 105.6

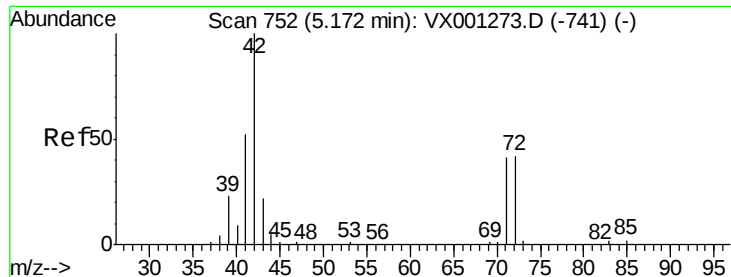


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.59 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

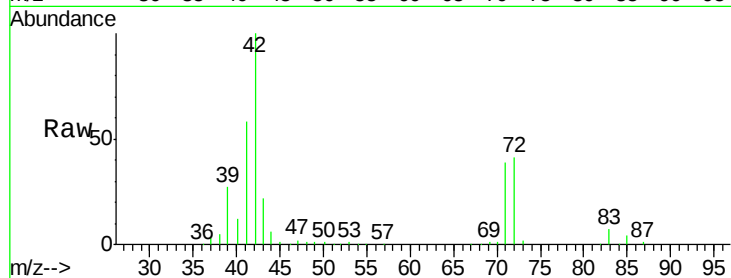
Tgt Ion: 42 Resp: 94507

Ion Ratio Lower Upper

42 100

72 43.0 34.6 52.0

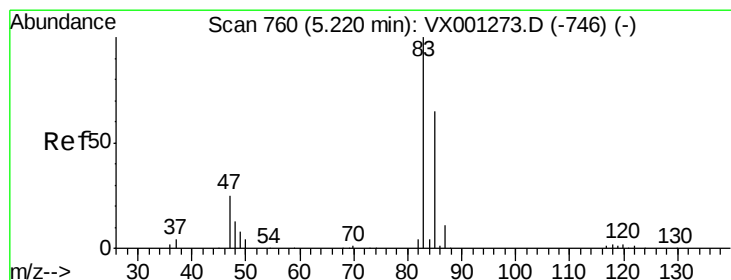
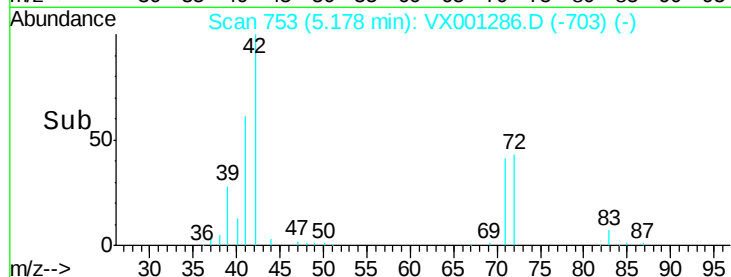
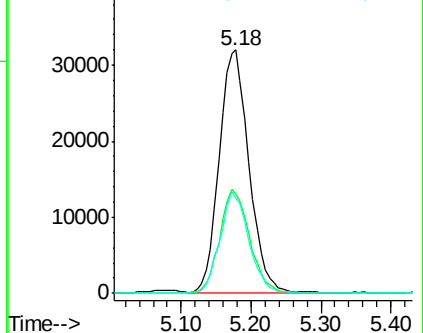
71 40.6 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.39 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001286.D

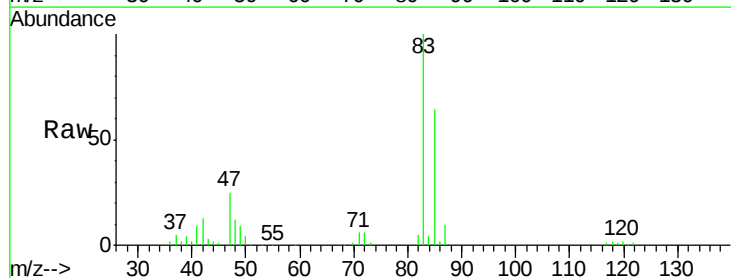
Acq: 01 May 2018 19:53

Tgt Ion: 83 Resp: 69992

Ion Ratio Lower Upper

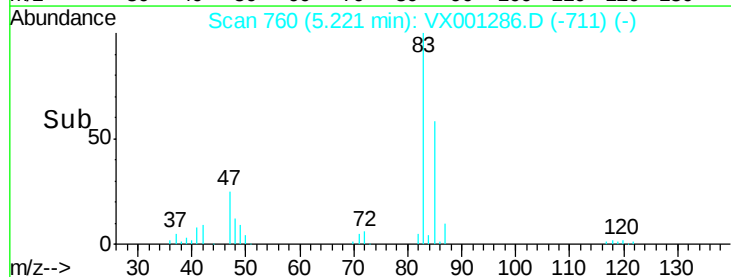
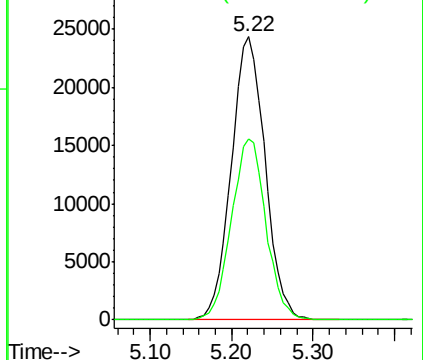
83 100

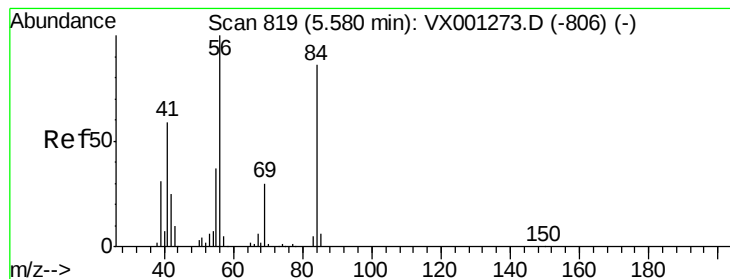
85 64.0 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.88 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

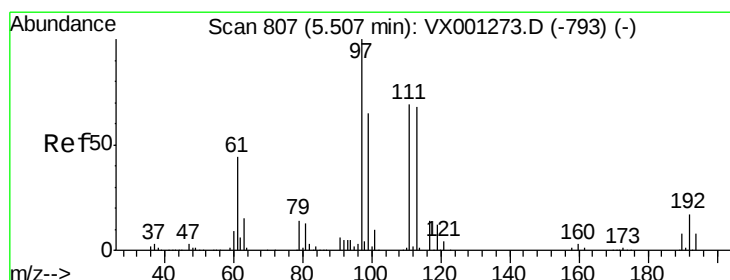
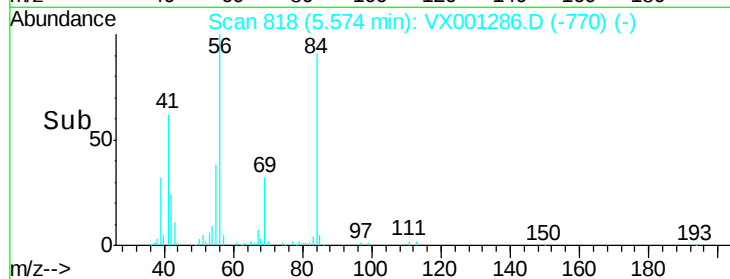
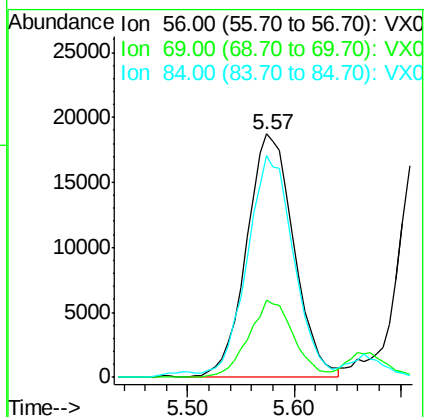
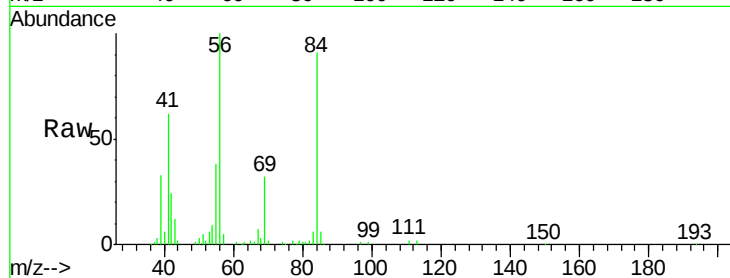
Tgt Ion: 56 Resp: 58138

Ion Ratio Lower Upper

56 100

69 31.7 24.0 36.0

84 89.0 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 17.91 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

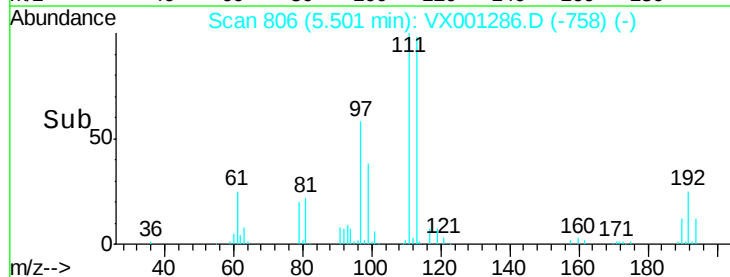
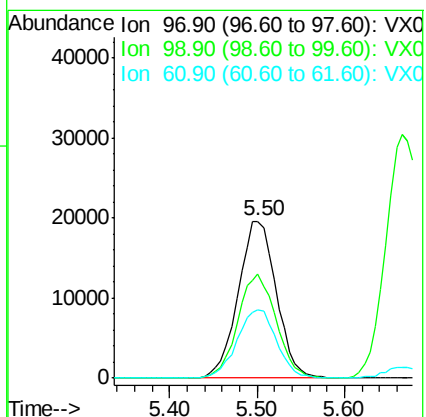
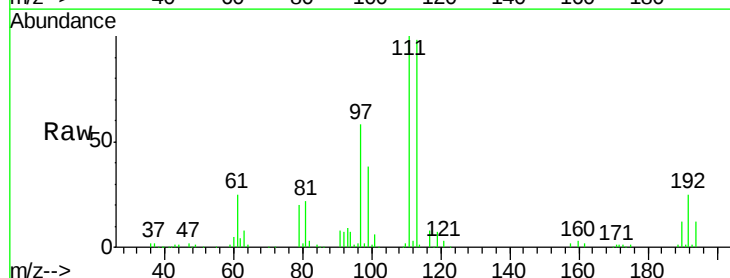
Tgt Ion: 97 Resp: 59567

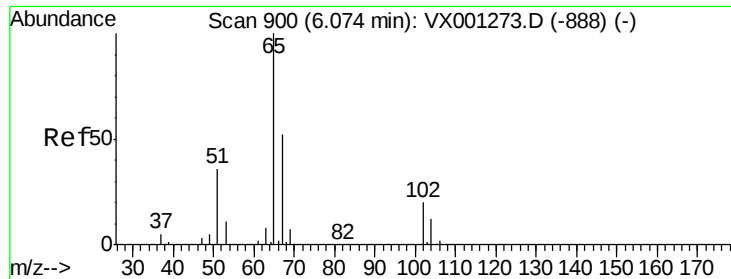
Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.6

61 45.2 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 46.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

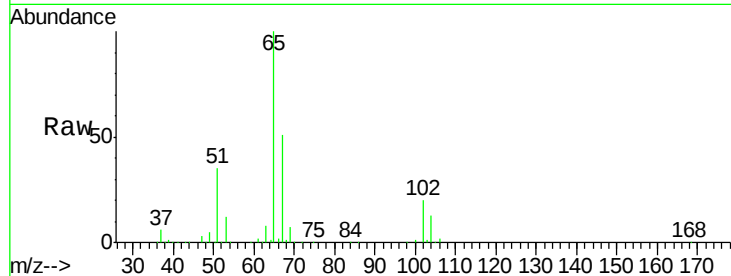
VX0501WBS02

Tgt Ion: 65 Resp: 123005

Ion Ratio Lower Upper

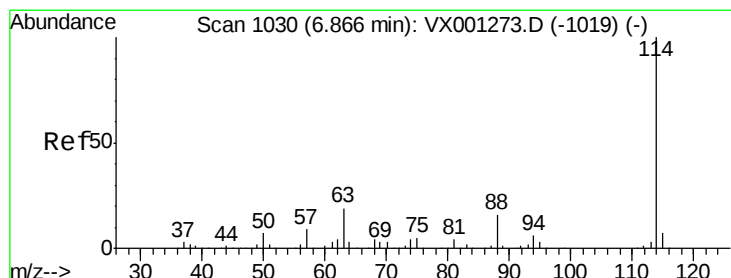
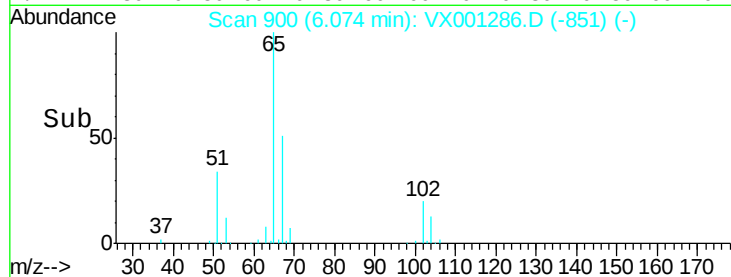
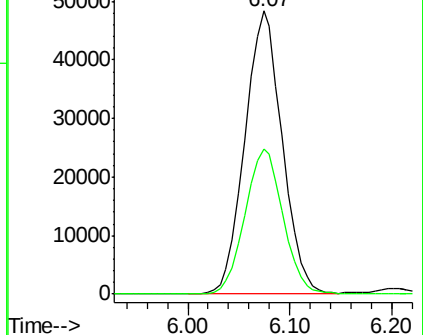
65 100

67 52.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

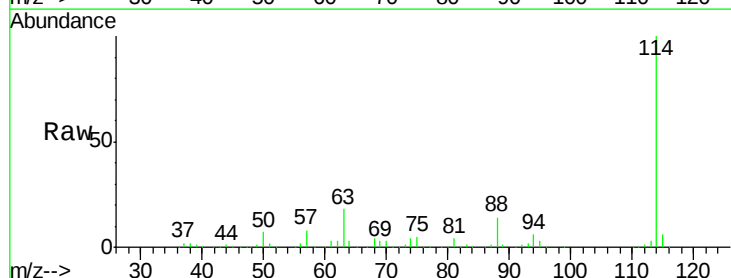
Tgt Ion: 114 Resp: 250053

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.8

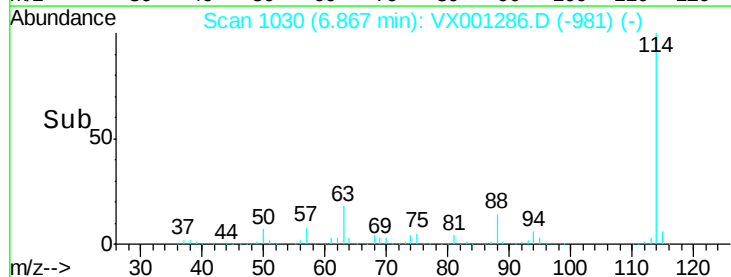
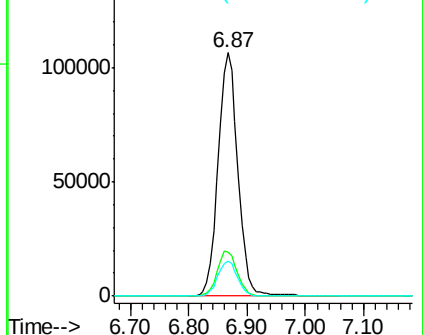
88 14.3 0.0 32.2

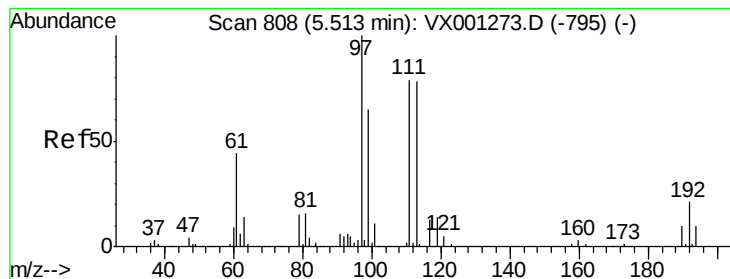


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

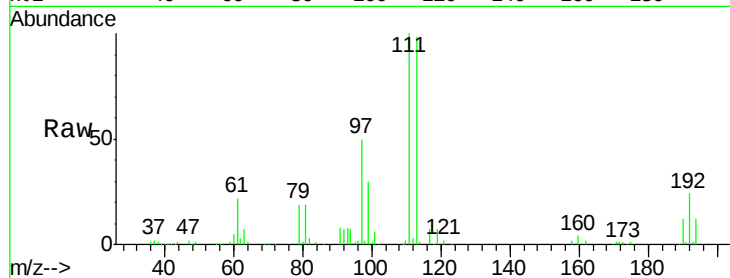
Tgt Ion:113 Resp: 103443

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

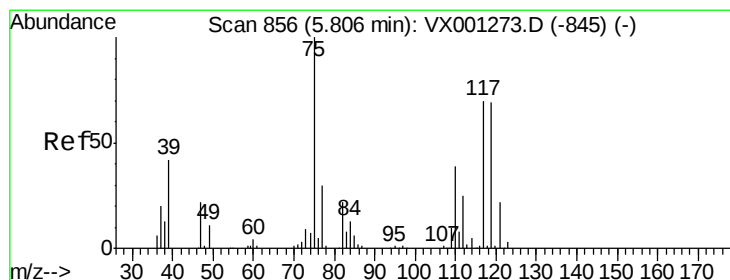
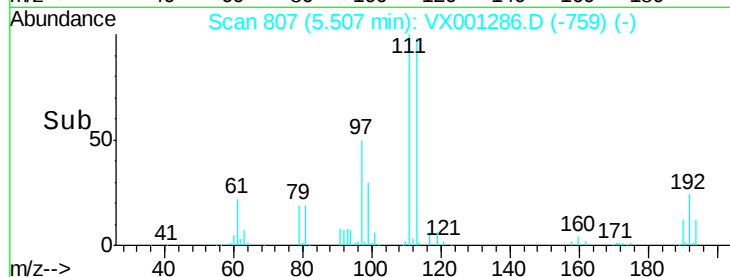
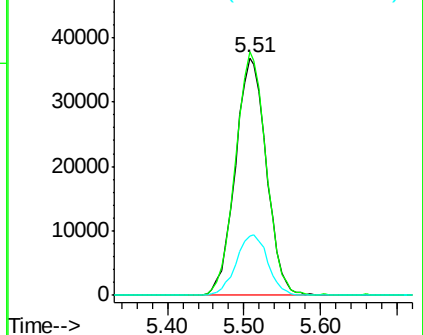
192 25.8 20.7 31.1



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: 17.71 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

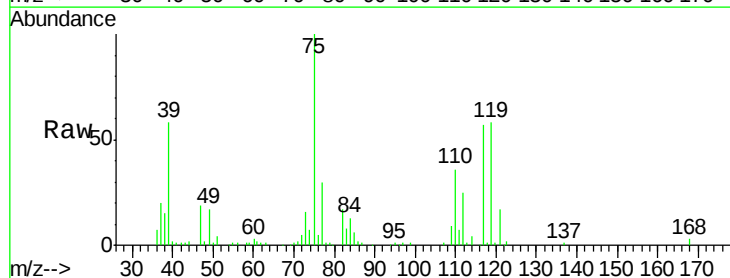
Tgt Ion: 75 Resp: 51108

Ion Ratio Lower Upper

75 100

110 38.3 18.9 56.9

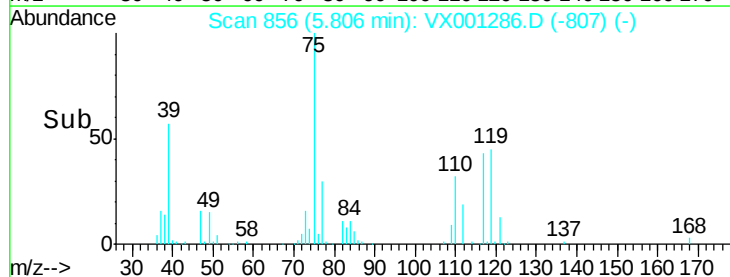
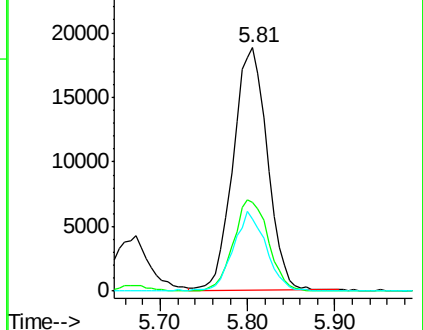
77 31.4 24.2 36.2

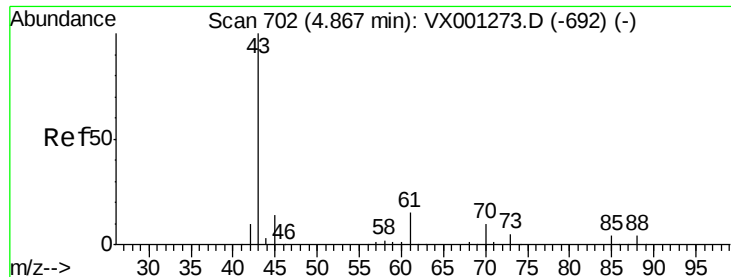


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

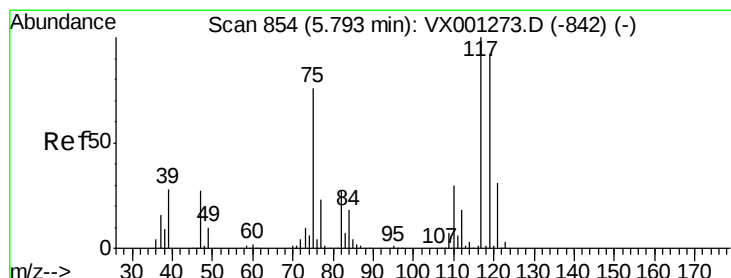
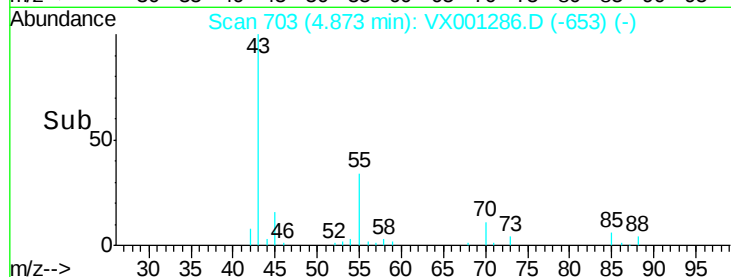
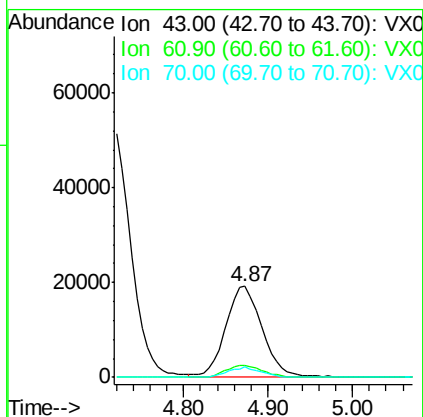
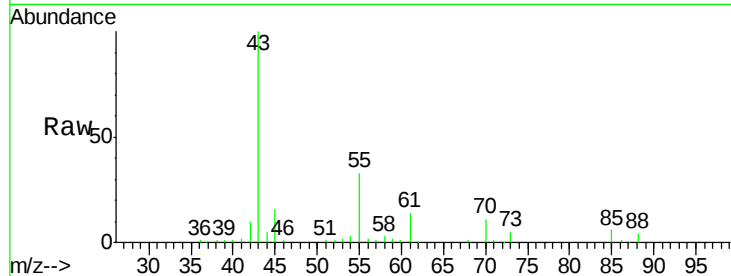




#37
Ethyl Acetate
Concen: 19.18 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

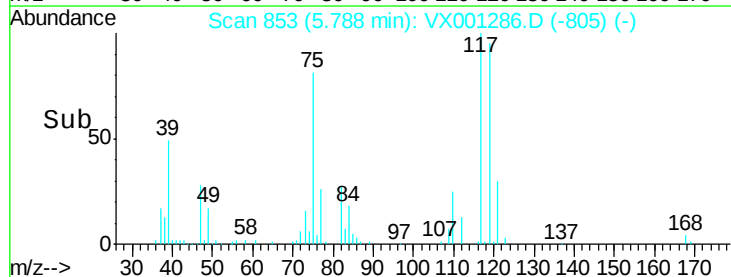
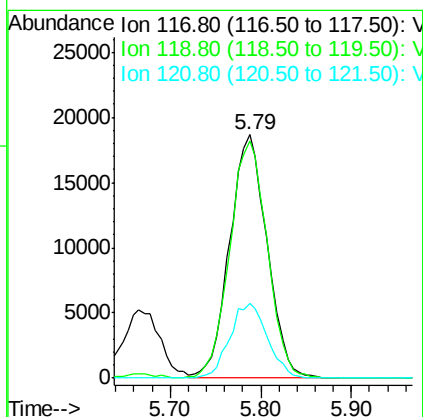
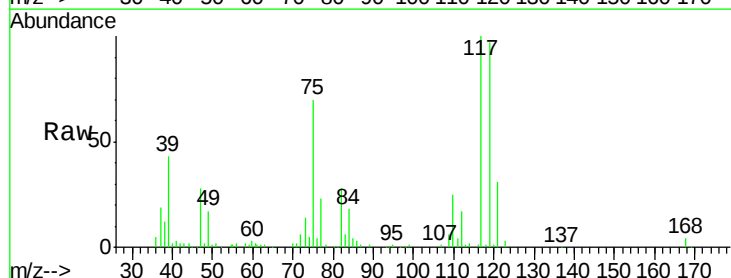
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tgt Ion: 43 Resp: 55878
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 17.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 117 Resp: 53471
Ion Ratio Lower Upper
117 100
119 97.5 73.4 110.2
121 30.6 25.0 37.4

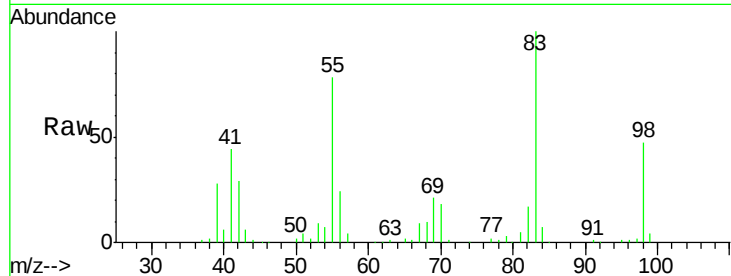




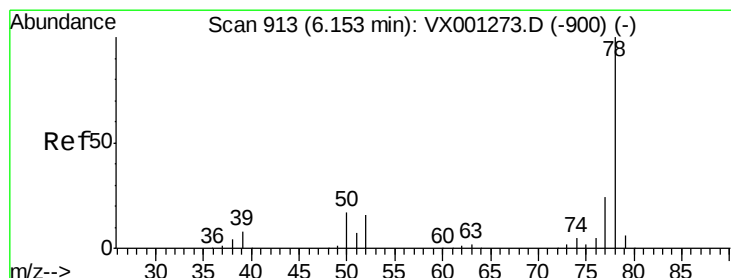
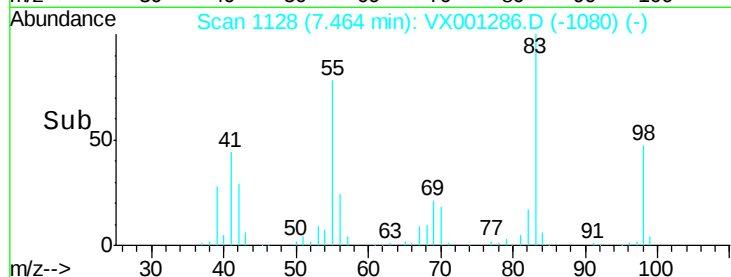
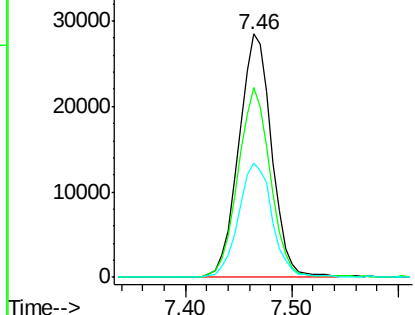
#39
Methylcyclohexane
Concen: 18.09 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tgt Ion: 83 Resp: 61742
Ion Ratio Lower Upper
83 100
55 77.9 60.4 90.6
98 46.8 37.0 55.6

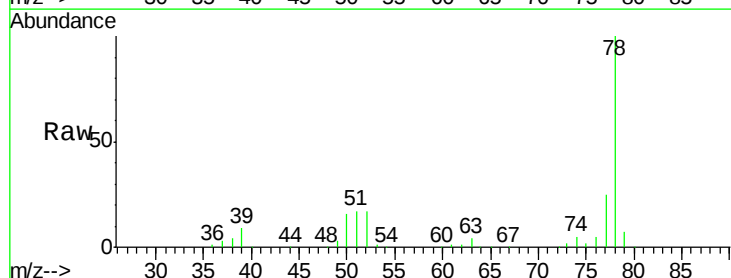


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

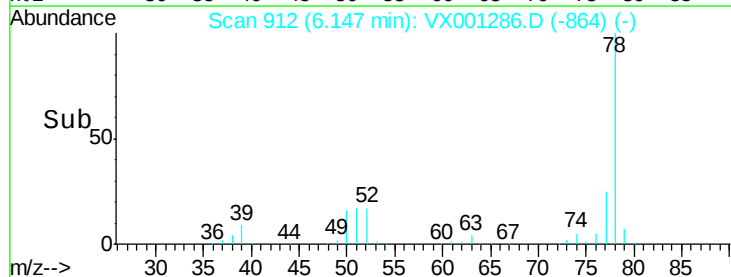
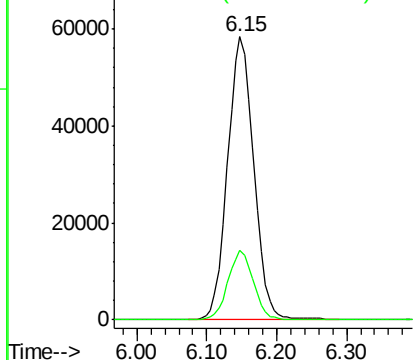


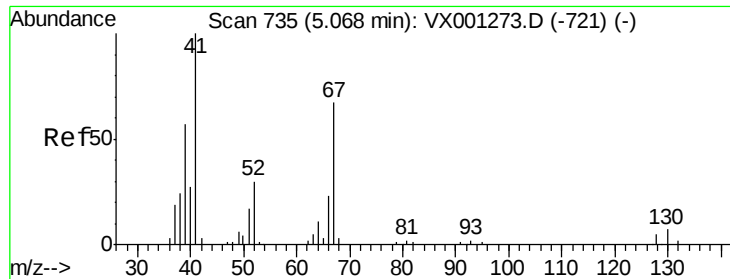
#40
Benzene
Concen: 18.34 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 78 Resp: 152275
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

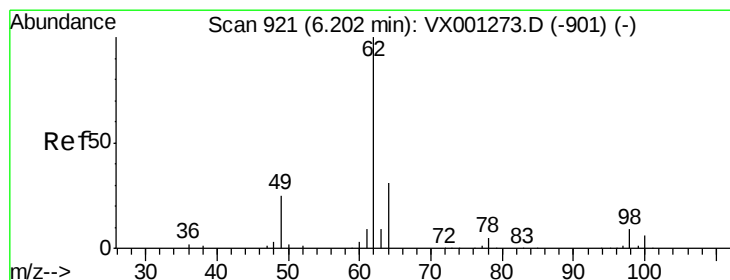
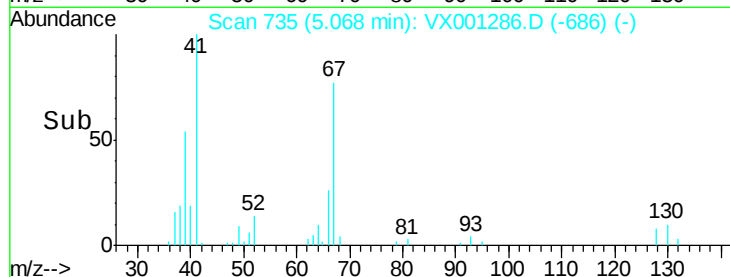
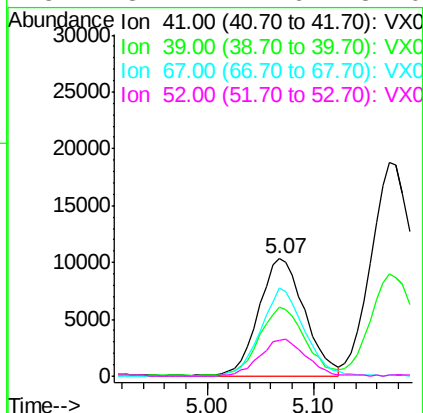
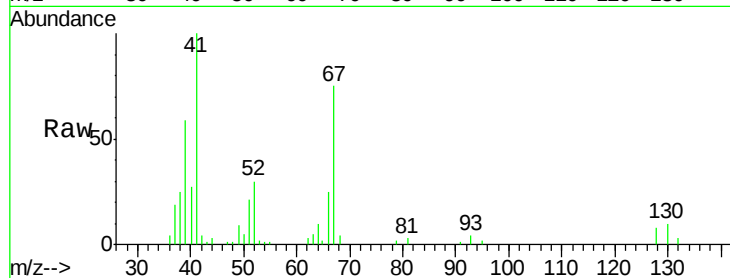




#41
Methacrylonitrile
Concen: 18.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

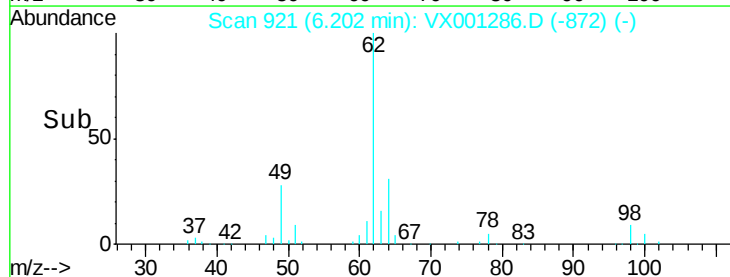
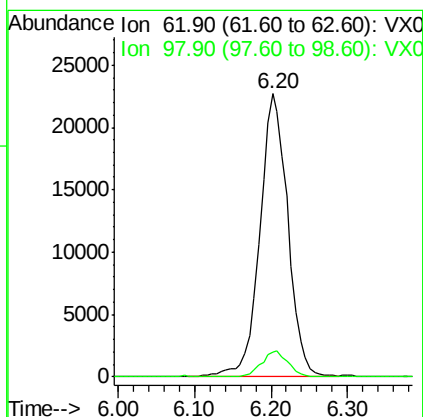
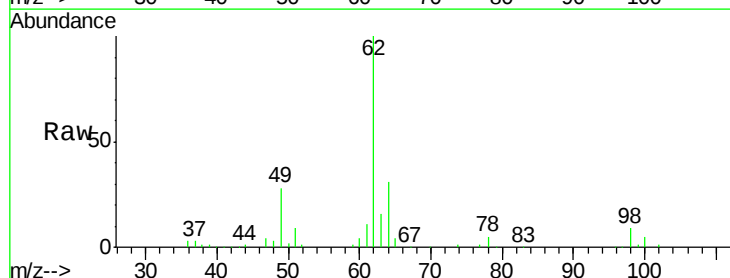
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

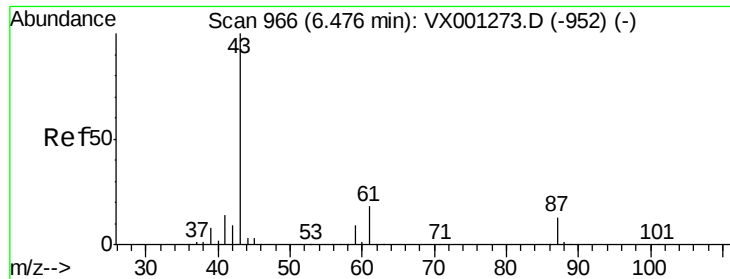
Tgt Ion:	41	Resp:	30893
Ion	Ratio	Lower	Upper
41	100		
39	59.6	45.8	68.8
67	71.0	54.8	82.2
52	32.2	24.6	37.0



#42
1,2-Dichloroethane
Concen: 18.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion:	62	Resp:	58143
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

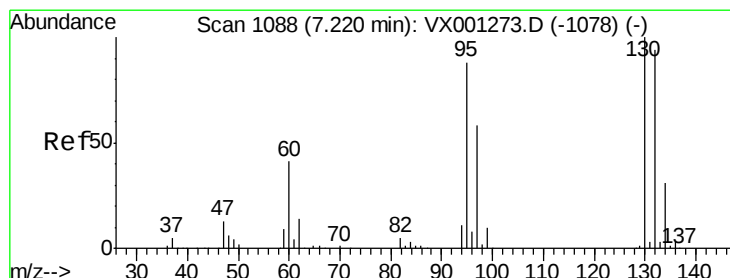
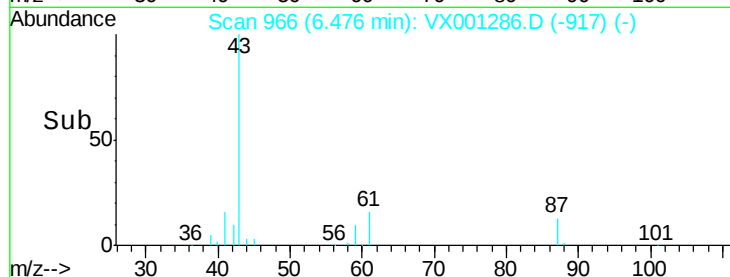
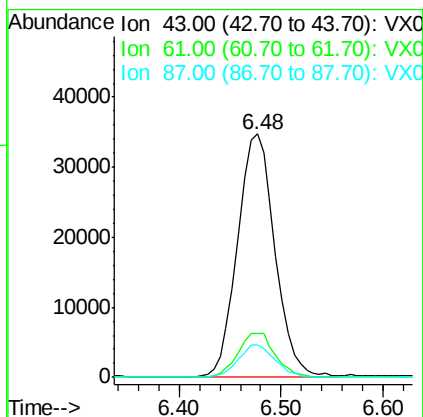
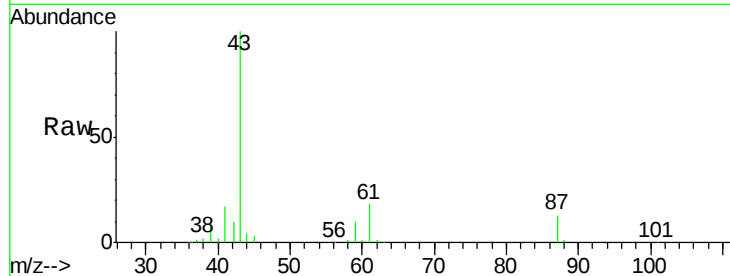




#43
Isopropyl Acetate
Concen: 18.64 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

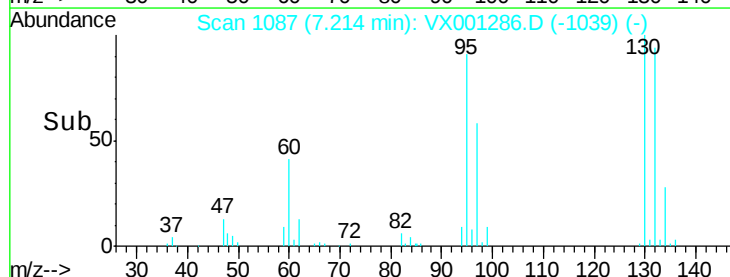
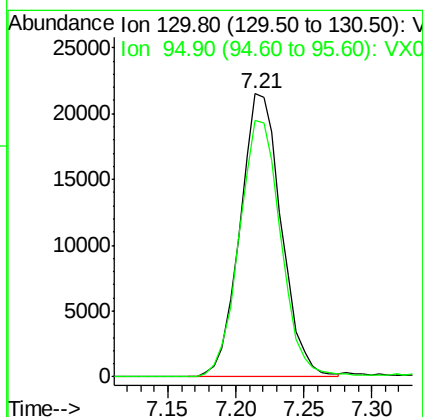
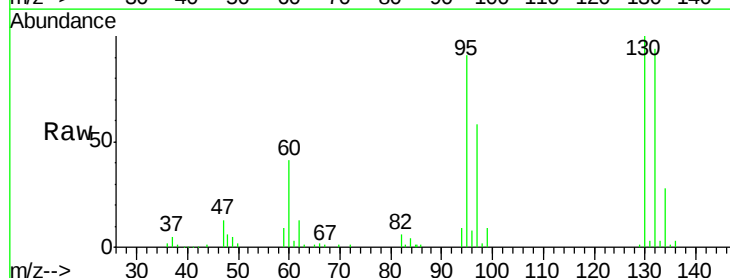
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

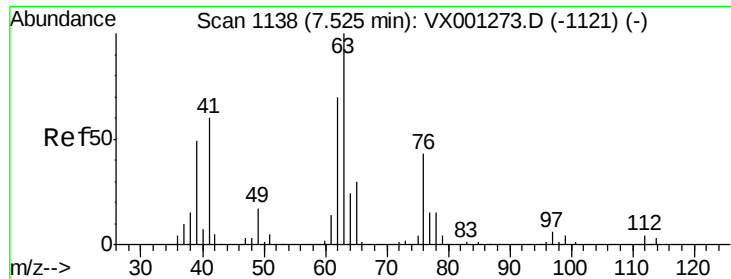
Tgt Ion: 43 Resp: 87933
Ion Ratio Lower Upper
43 100
61 18.6 15.0 22.4
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 17.98 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 130 Resp: 45683
Ion Ratio Lower Upper
130 100
95 90.7 0.0 176.0

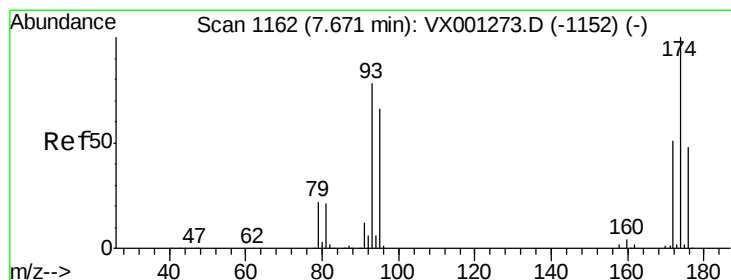
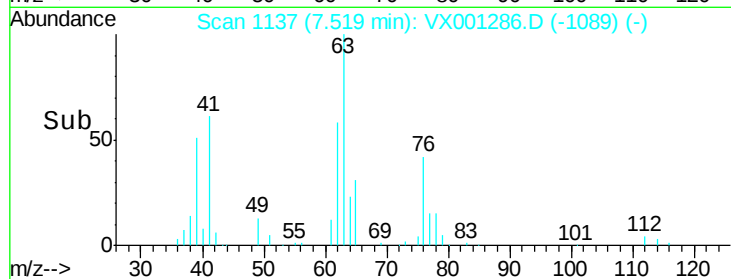
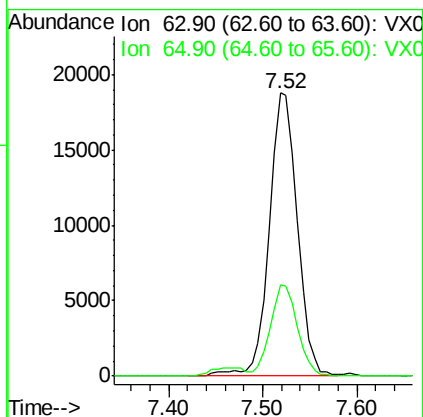
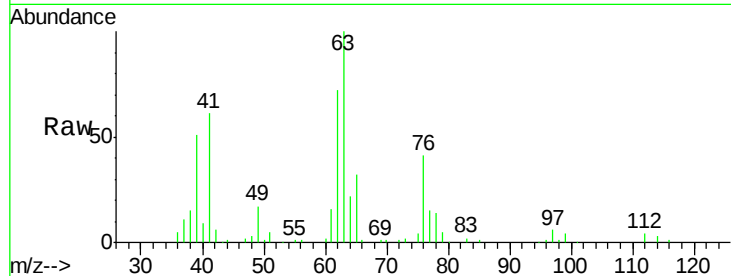




#45
 1,2-Dichloropropane
 Concen: 18.35 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

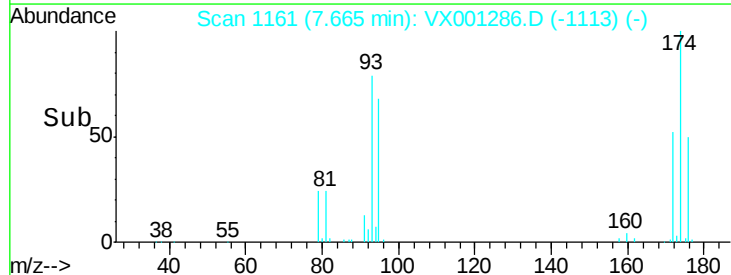
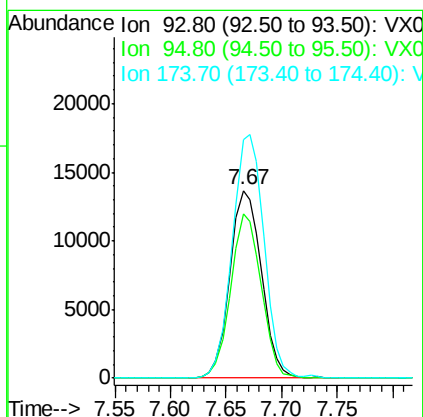
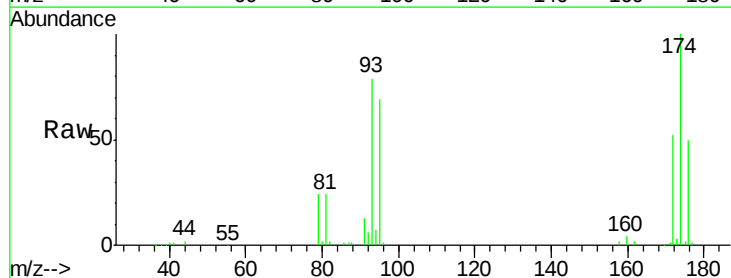
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

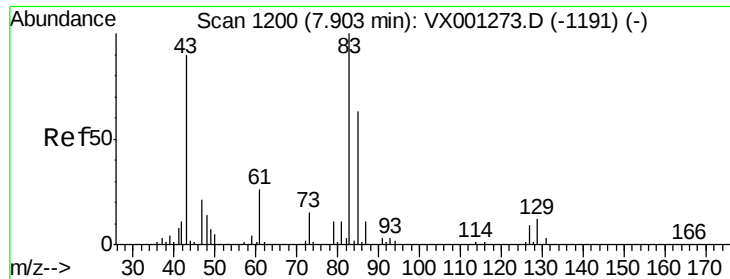
Tgt Ion: 63 Resp: 39119
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.2 36.4



#46
 Dibromomethane
 Concen: 18.03 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion: 93 Resp: 26942
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 130.3 102.3 153.5





#47

Bromodichloromethane

Concen: 18.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

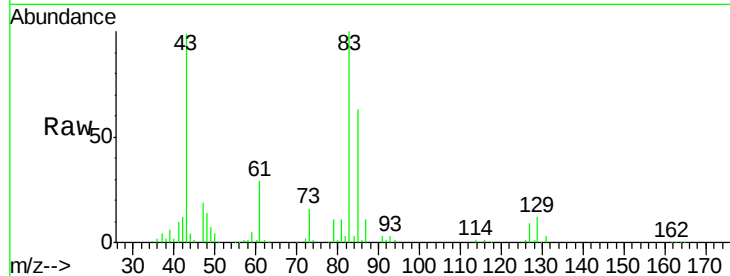
Tgt Ion: 83 Resp: 48399

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

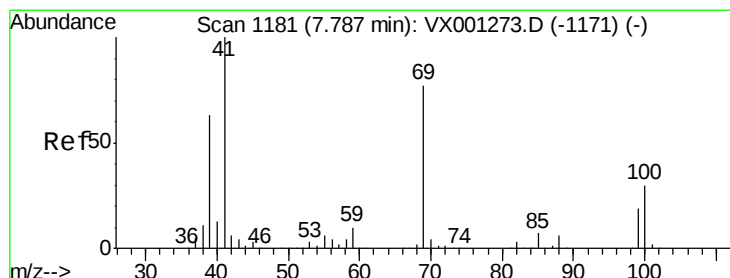
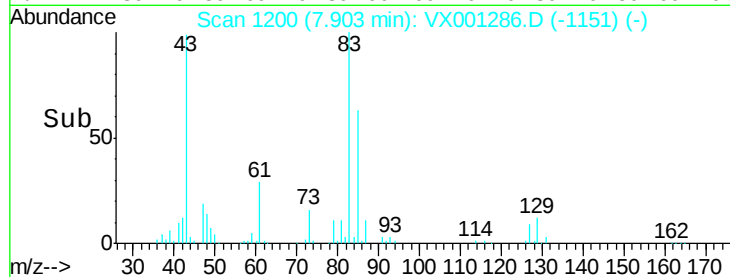
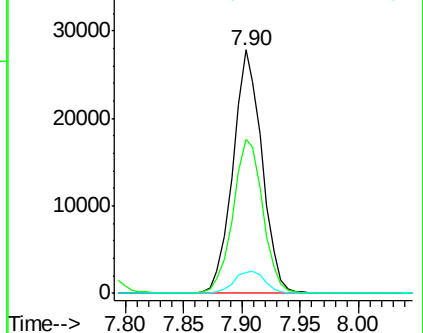
127 8.7 7.4 11.2



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: 18.26 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

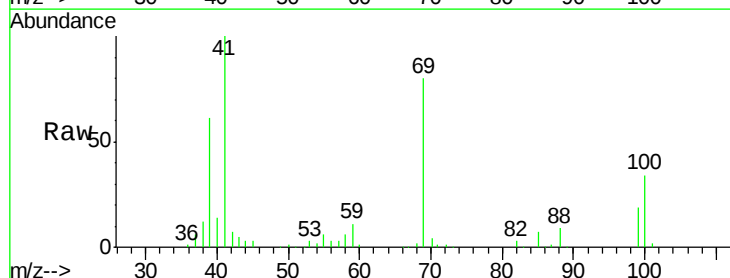
Tgt Ion: 41 Resp: 45799

Ion Ratio Lower Upper

41 100

69 81.6 63.0 94.6

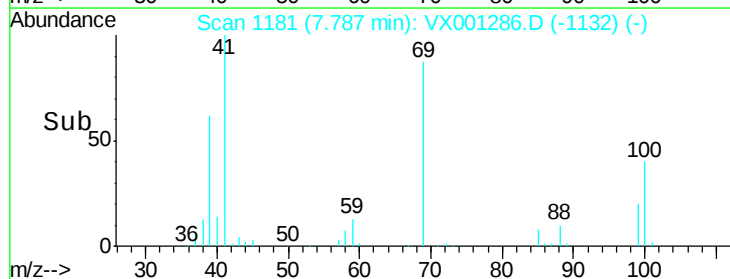
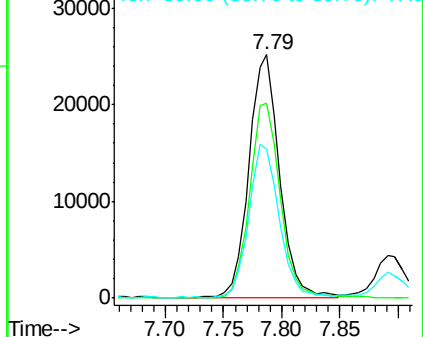
39 63.6 50.2 75.4

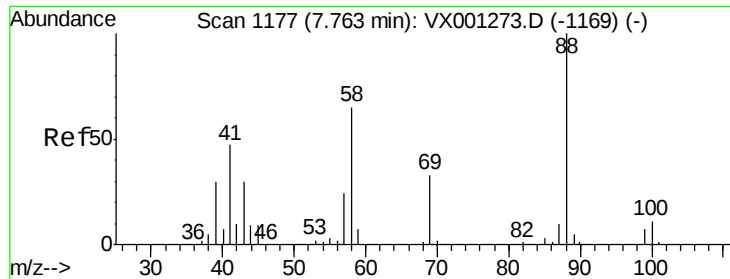


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

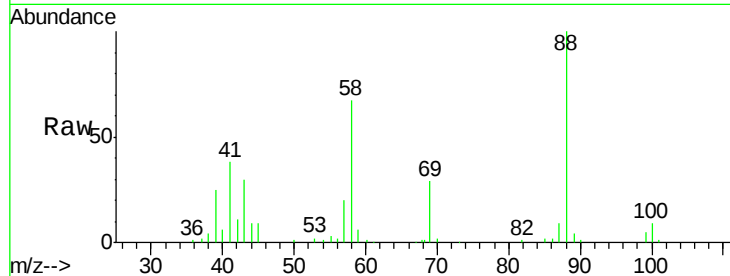




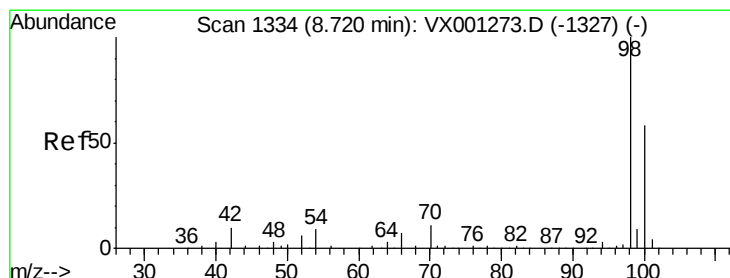
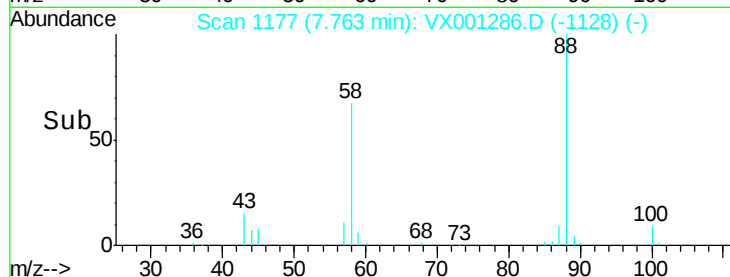
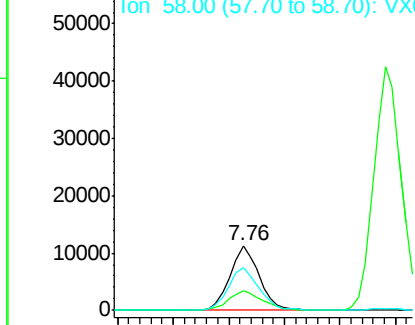
#49
1,4-Dioxane
Concen: 432.06 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tgt Ion: 88 Resp: 20449
Ion Ratio Lower Upper
88 100
43 35.7 27.9 41.9
58 69.7 54.2 81.2

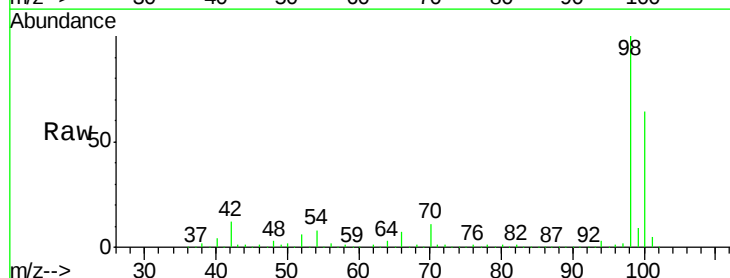


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

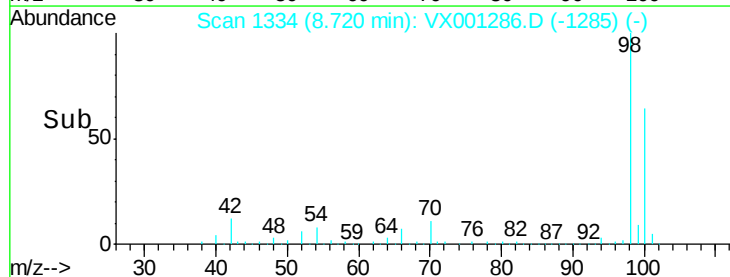
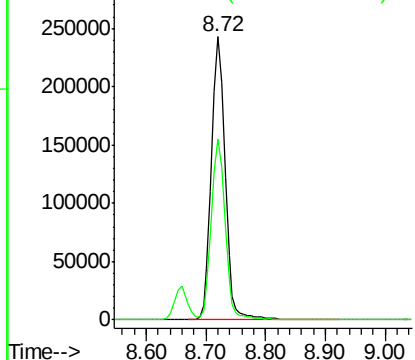


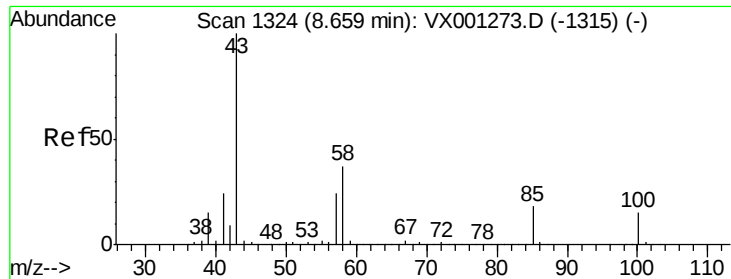
#50
Toluene-d8
Concen: 50.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 98 Resp: 386061
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 99.02 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

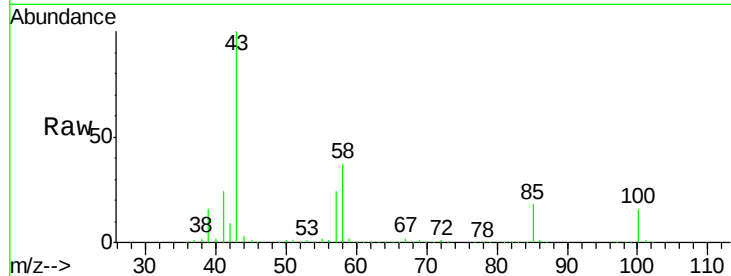
VX0501WBS02

Tgt Ion: 43 Resp: 301179

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

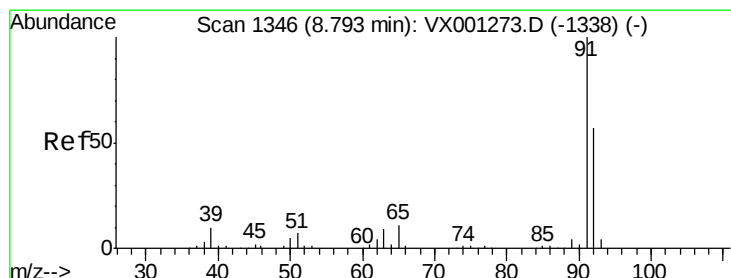
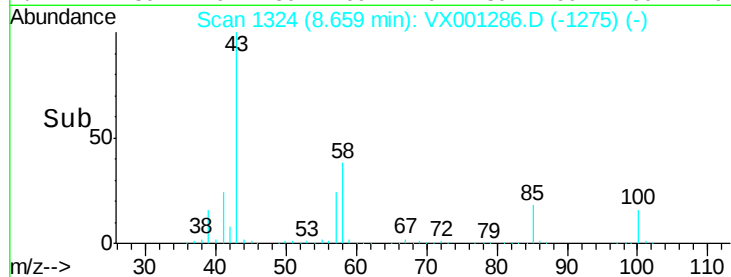
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 18.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001286.D

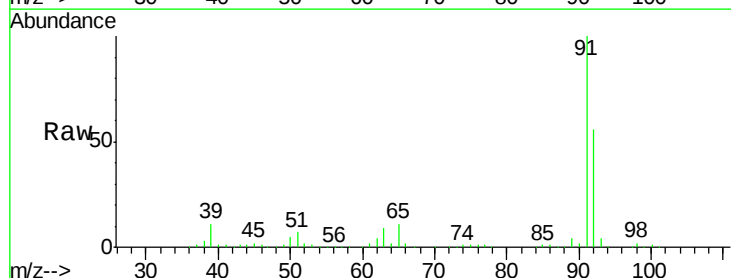
Acq: 01 May 2018 19:53

Tgt Ion: 92 Resp: 98980

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

120000

100000

80000

60000

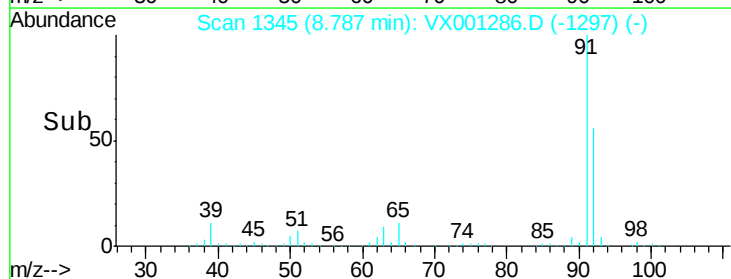
40000

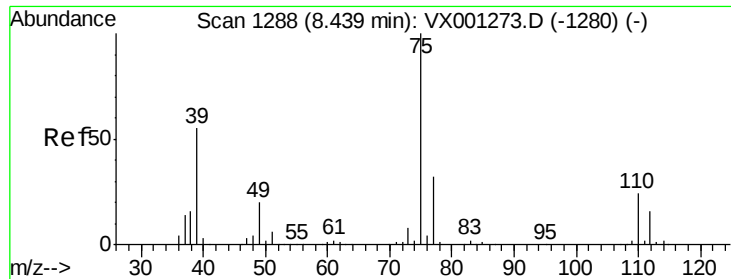
20000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

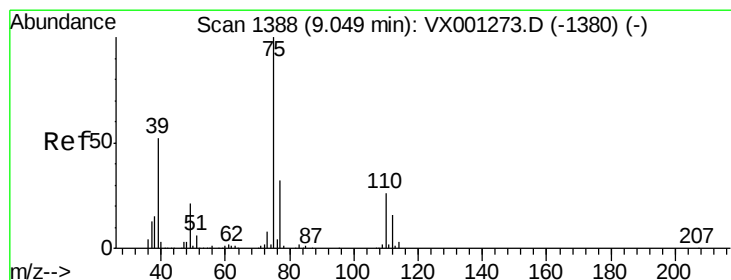
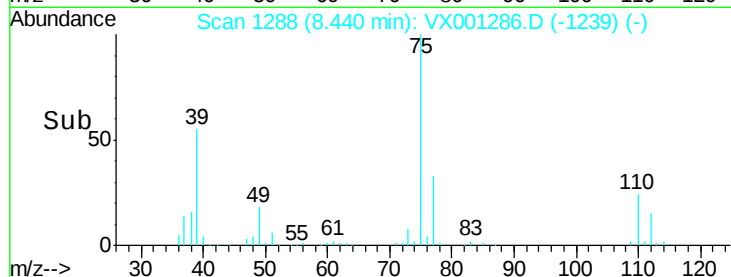
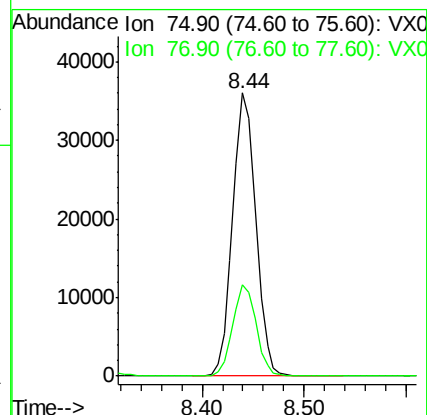
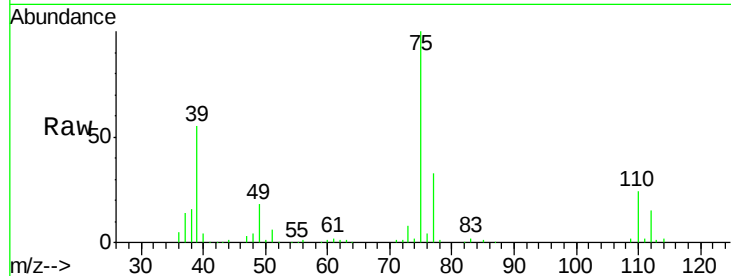
VX0501WBS02

Tgt Ion: 75 Resp: 56876

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 17.40 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

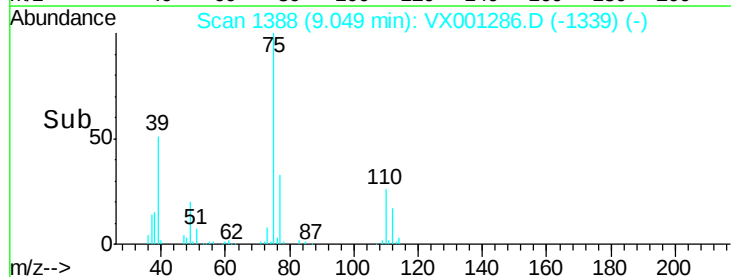
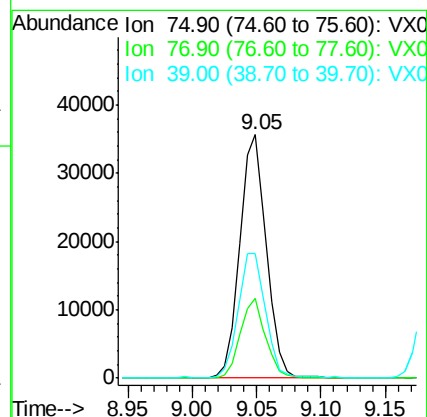
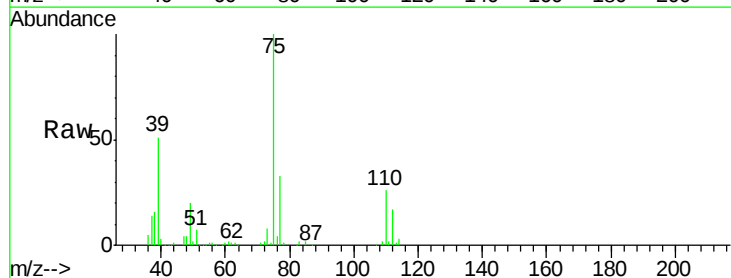
Tgt Ion: 75 Resp: 50878

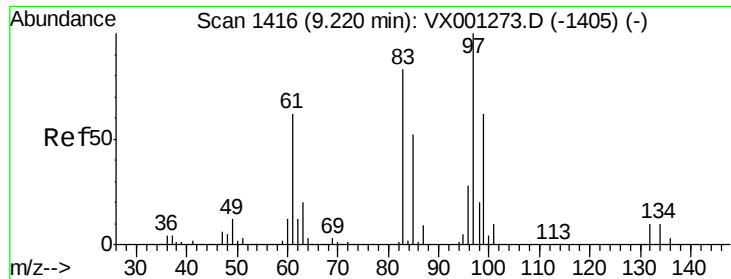
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 51.0 41.9 62.9

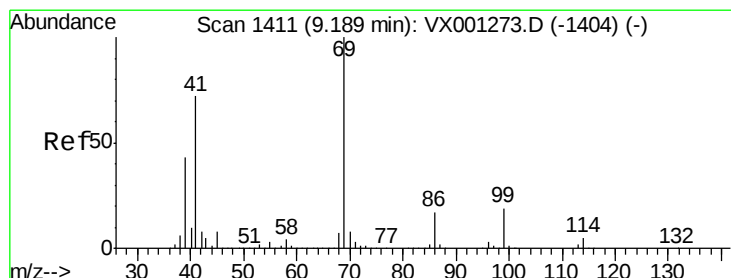
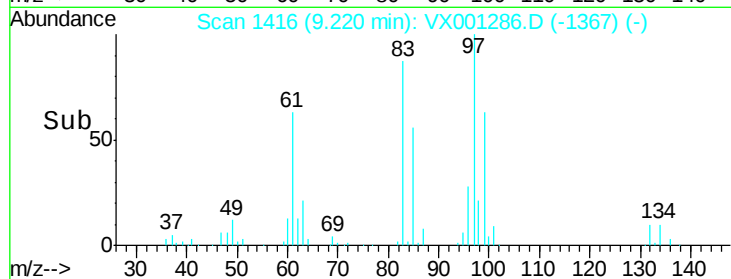
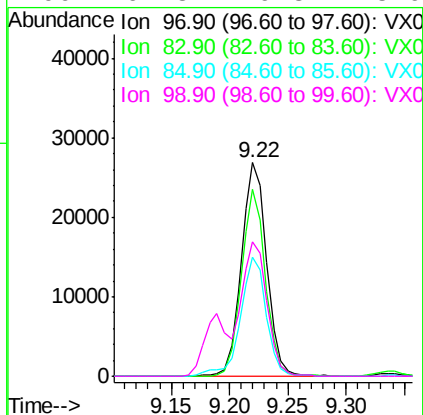
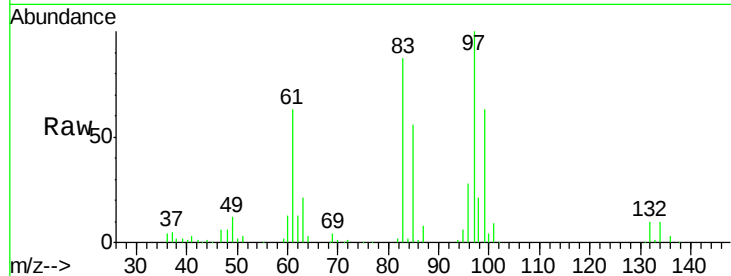




#55
 1,1,2-Trichloroethane
 Concen: 18.54 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

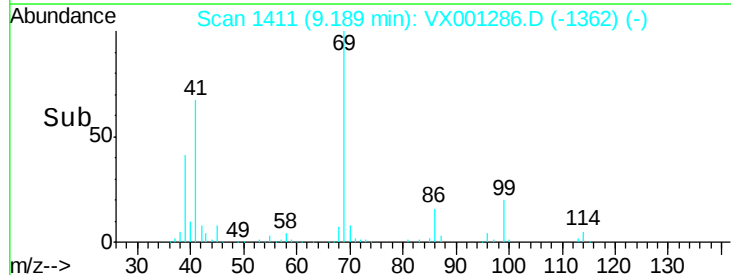
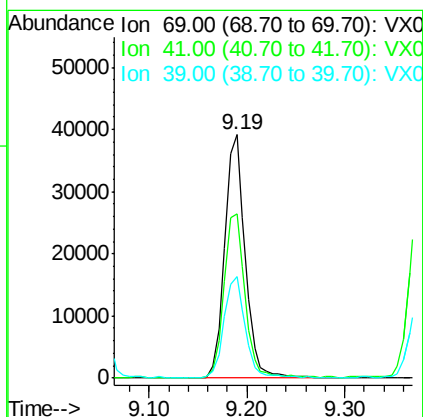
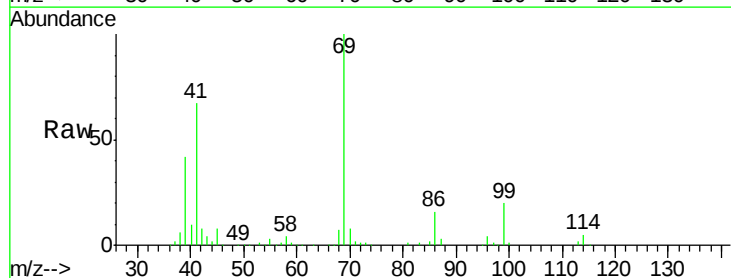
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

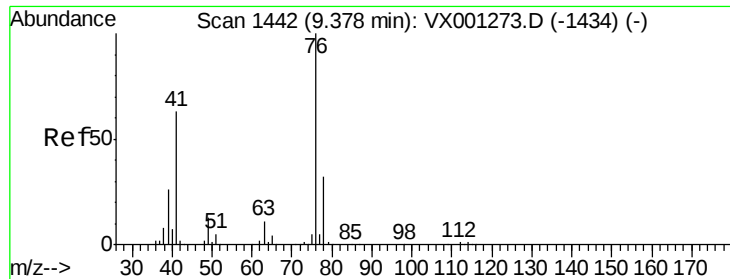
Tgt Ion:	97	Resp:	40648
Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.4	99.6
85	55.9	41.6	62.4
99	62.8	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 18.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion:	69	Resp:	56934
Ion	Ratio	Lower	Upper
69	100		
41	68.6	57.2	85.8
39	42.5	34.3	51.5

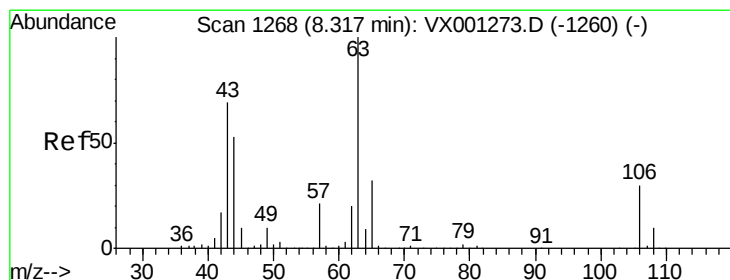
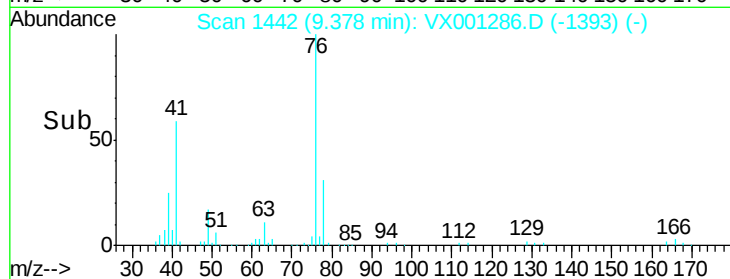
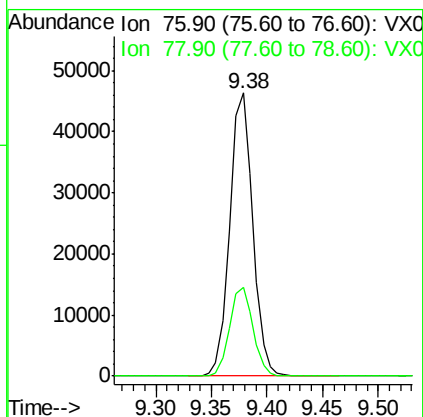
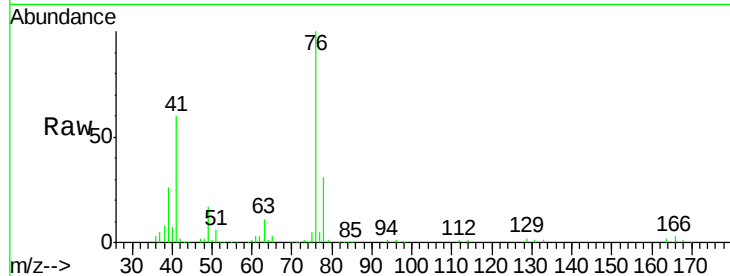




#57
 1,3-Dichloropropane
 Concen: 18.79 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

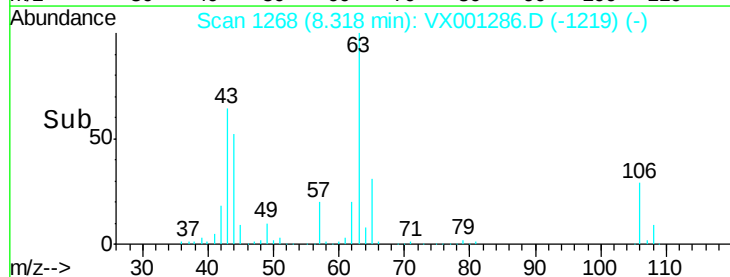
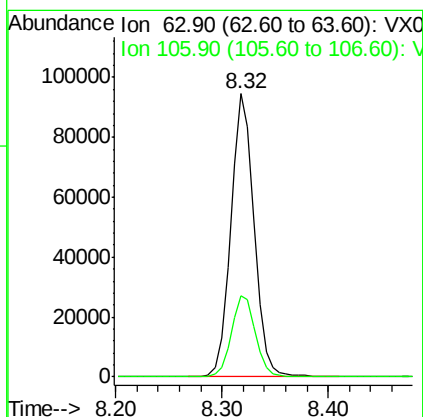
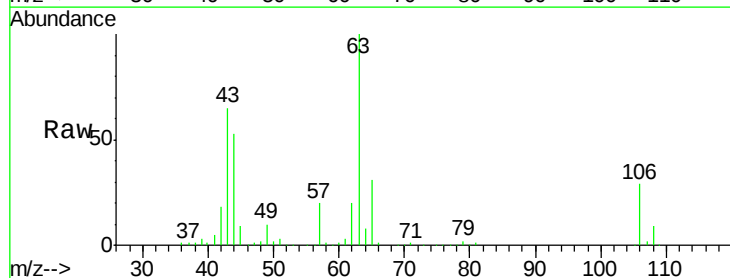
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

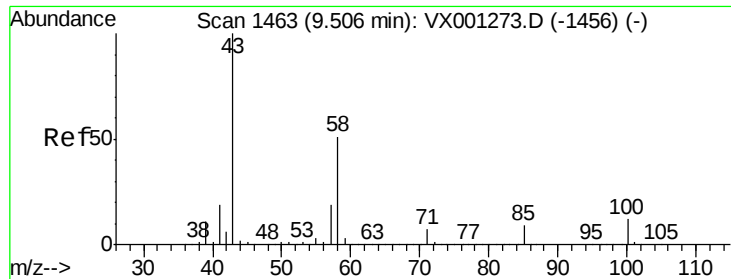
Tgt Ion: 76 Resp: 66247
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.63 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion: 63 Resp: 144544
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6

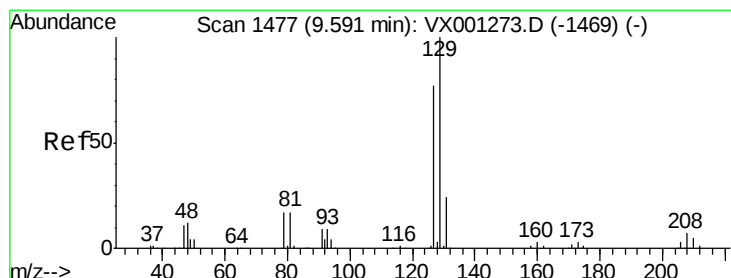
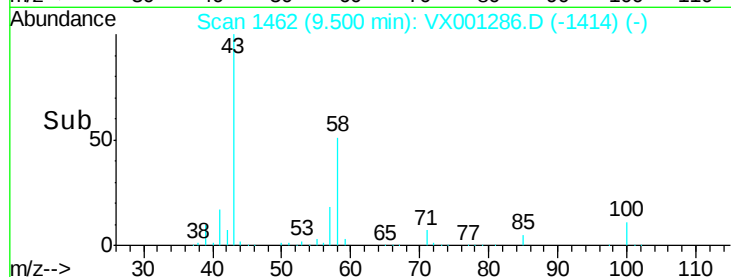
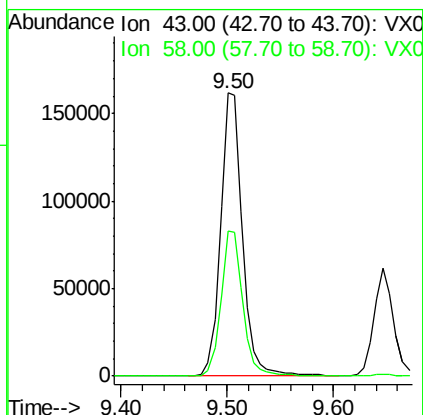
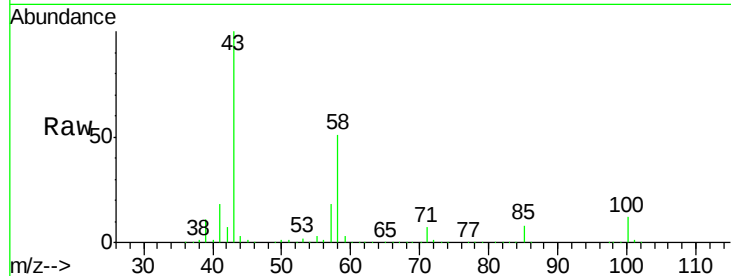




#59
2-Hexanone
Concen: 96.91 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

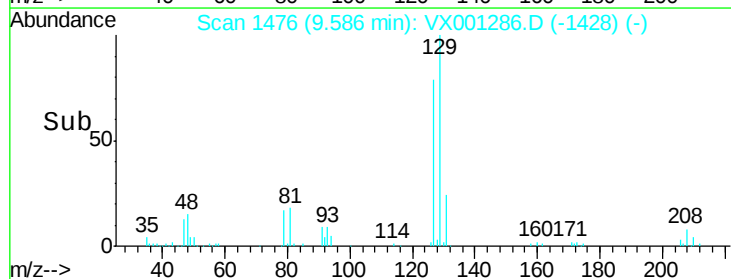
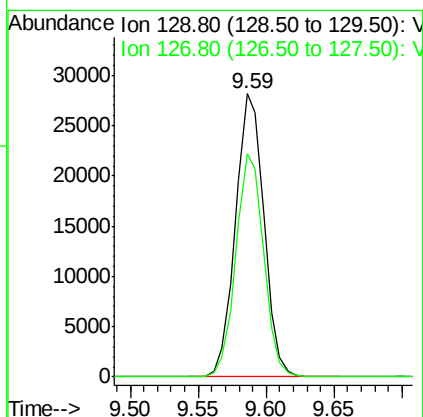
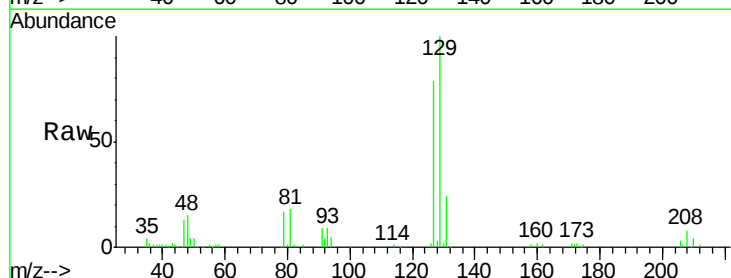
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

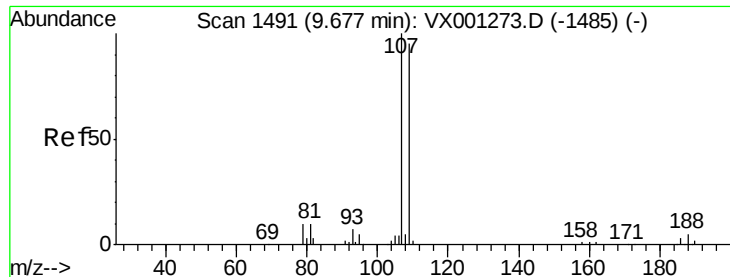
Tgt Ion: 43 Resp: 230384
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0



#60
Dibromochloromethane
Concen: 17.96 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 129 Resp: 41059
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

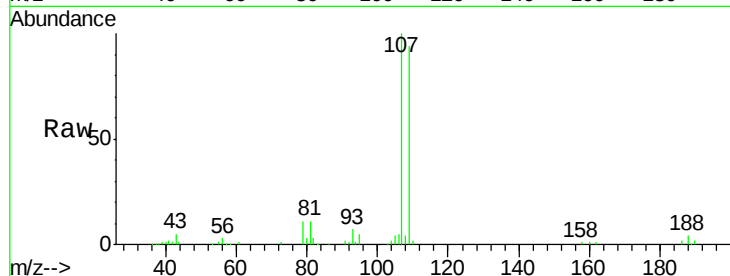
VX0501WBS02

Tgt Ion: 107 Resp: 43523

Ion Ratio Lower Upper

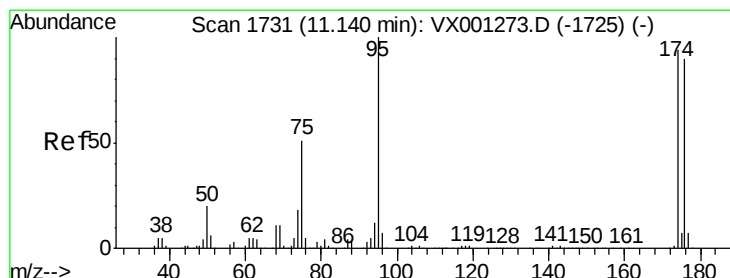
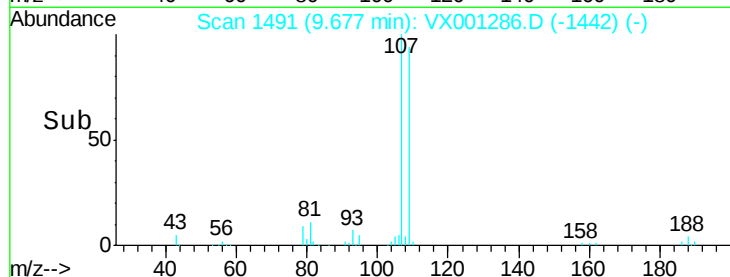
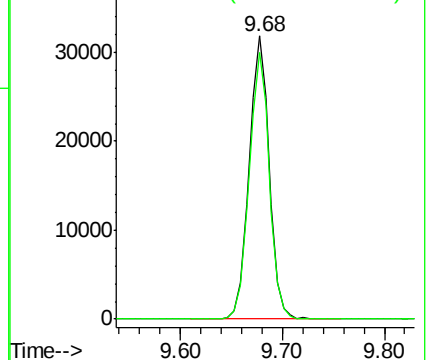
107 100

109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

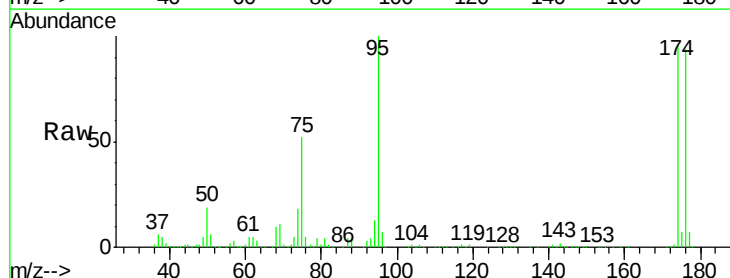
Tgt Ion: 95 Resp: 143736

Ion Ratio Lower Upper

95 100

174 103.4 0.0 201.8

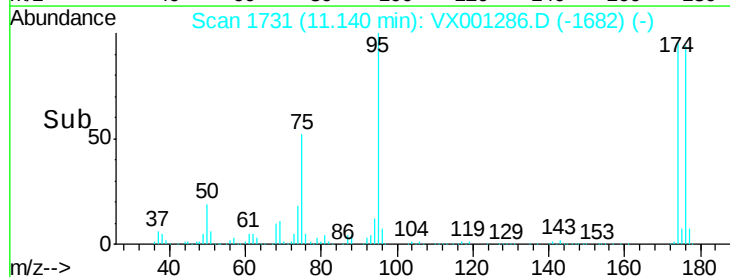
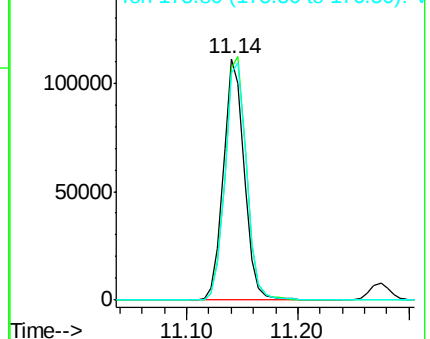
176 101.5 0.0 197.2



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

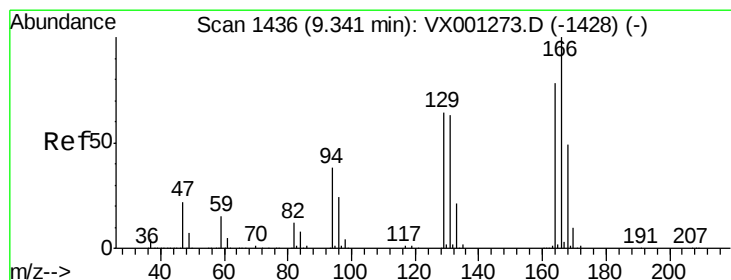
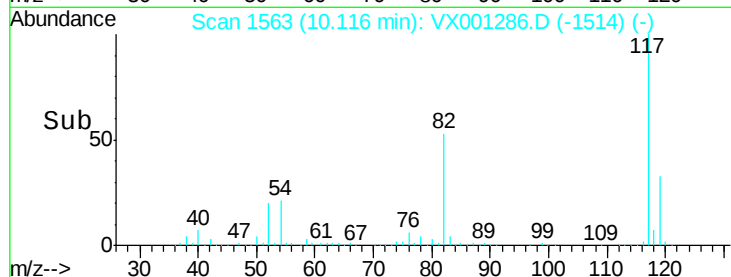
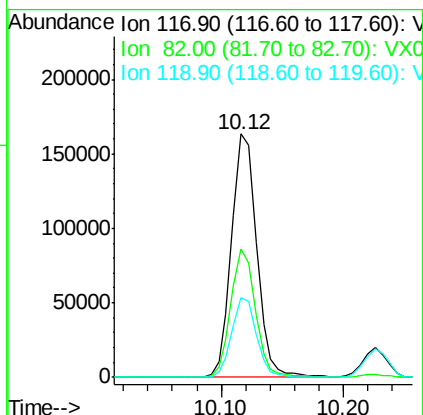
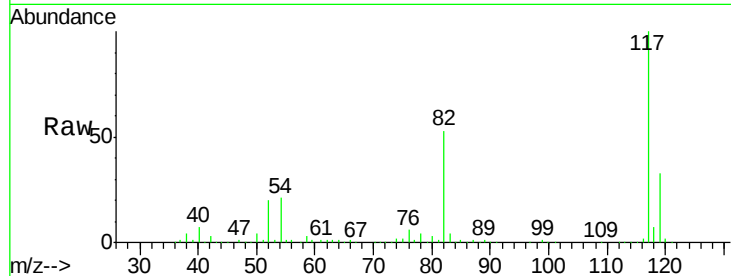




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

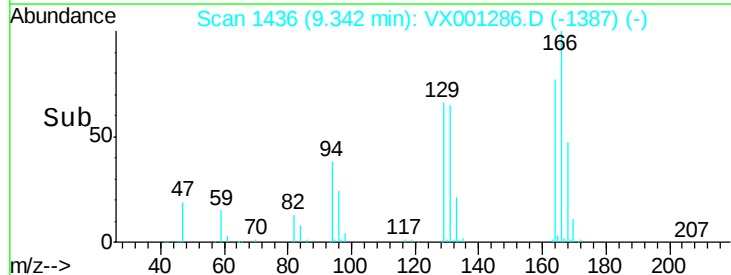
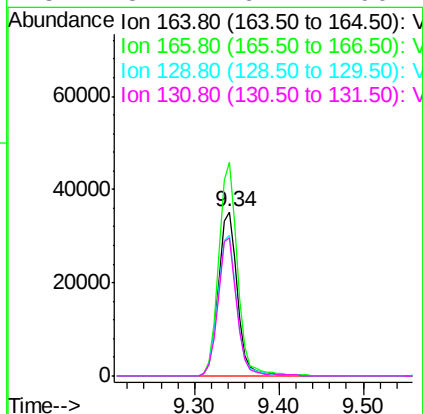
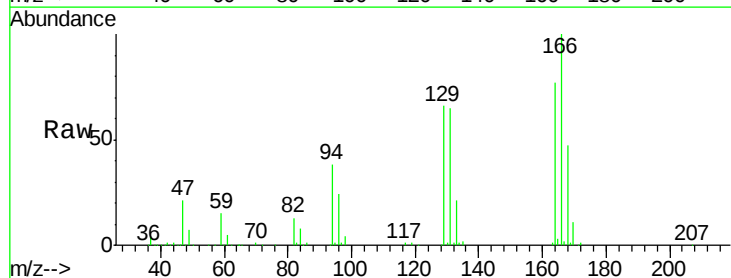
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

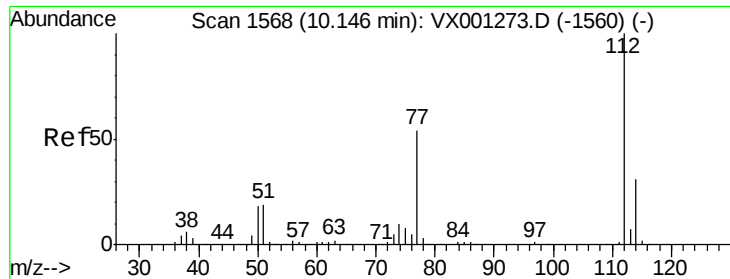
Tgt Ion:117 Resp: 233136
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion:164 Resp: 55230
Ion Ratio Lower Upper
164 100
166 129.9 102.3 153.5
129 85.5 65.1 97.7
131 84.2 64.2 96.4





#65

Chlorobenzene

Concen: 18.31 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

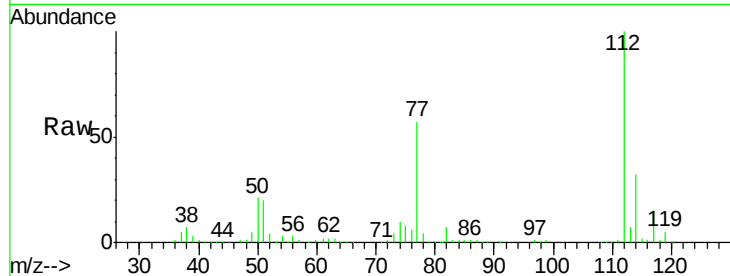
VX0501WBS02

Tgt Ion:112 Resp: 116091

Ion Ratio Lower Upper

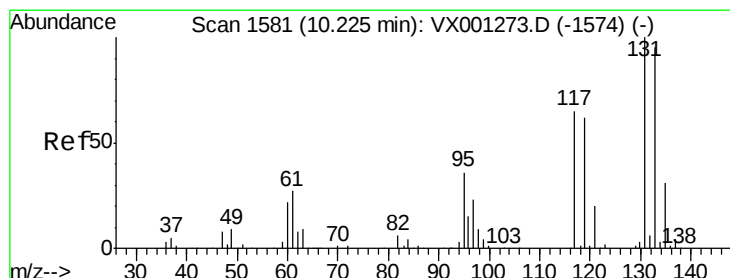
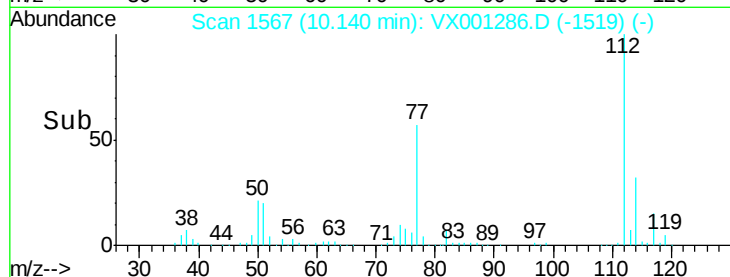
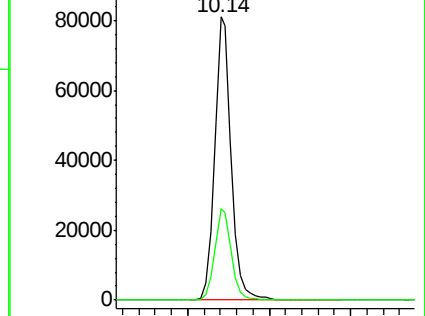
112 100

114 32.4 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.77 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

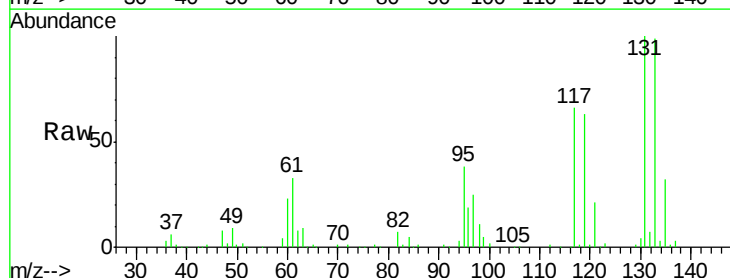
Tgt Ion:131 Resp: 41313

Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.9

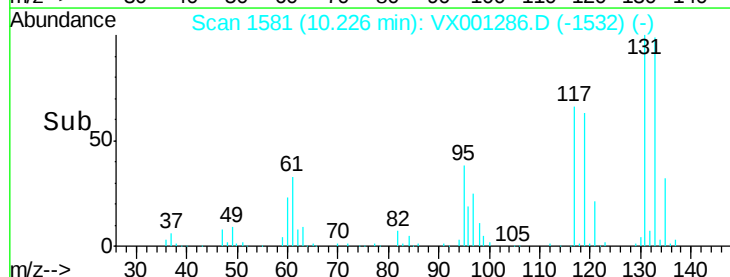
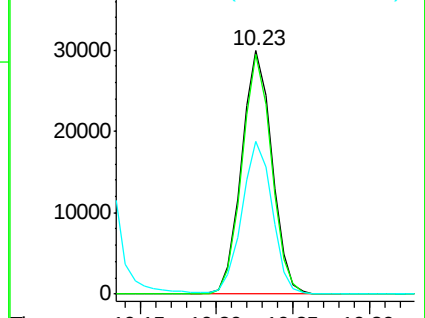
119 63.0 31.2 93.6

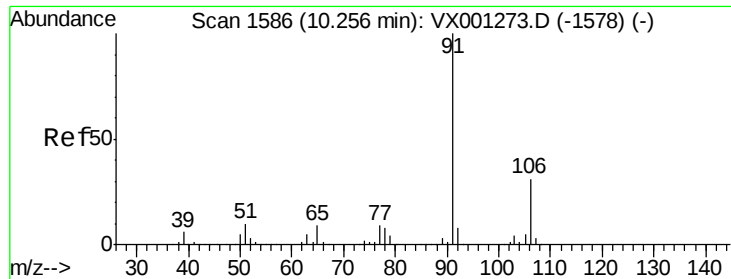


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

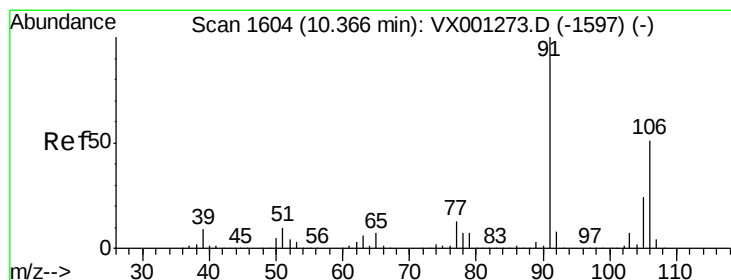
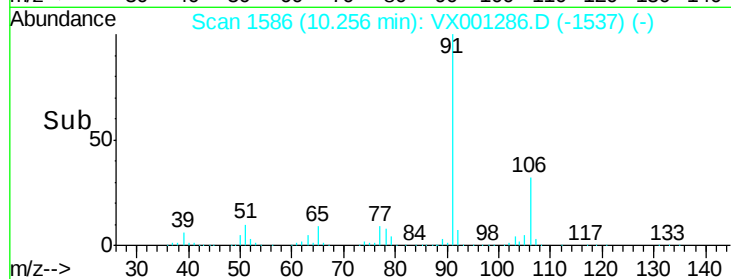
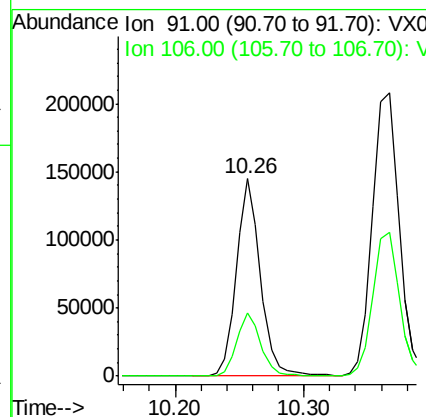
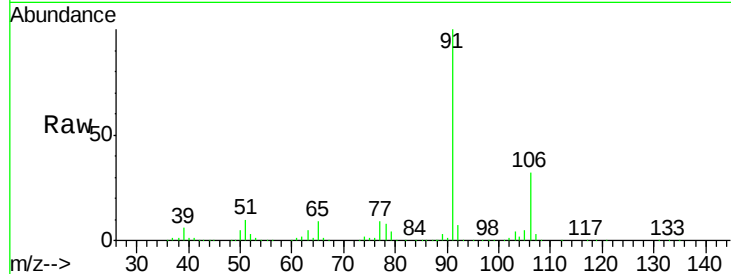




#67
Ethyl Benzene
Concen: 18.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

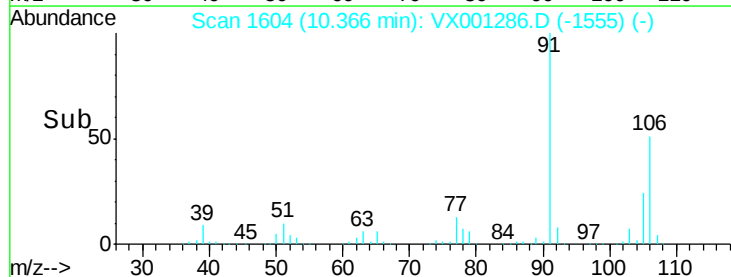
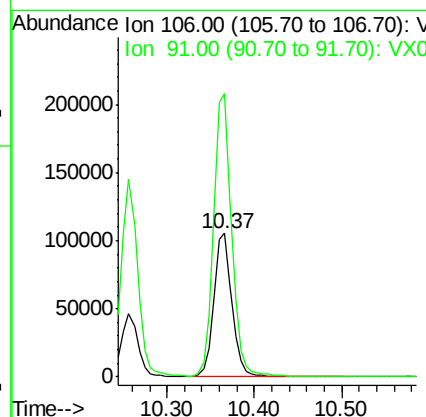
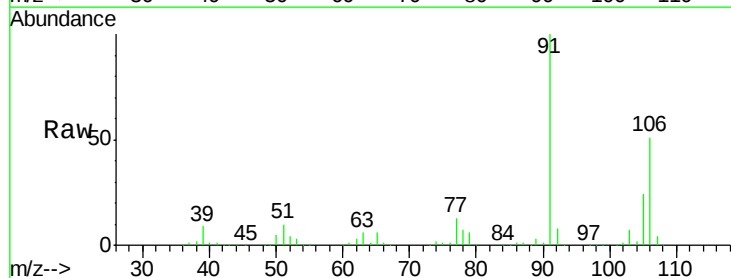
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

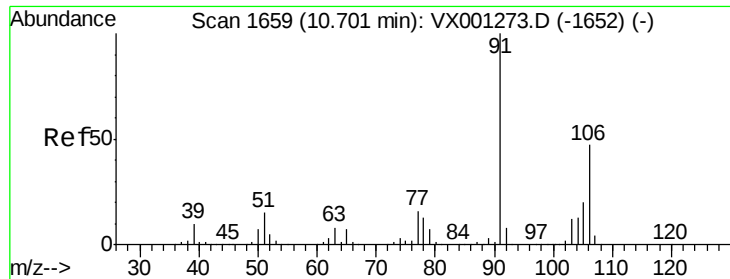
Tgt Ion: 91 Resp: 189389
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 37.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion: 106 Resp: 152849
Ion Ratio Lower Upper
106 100
91 198.2 159.4 239.2

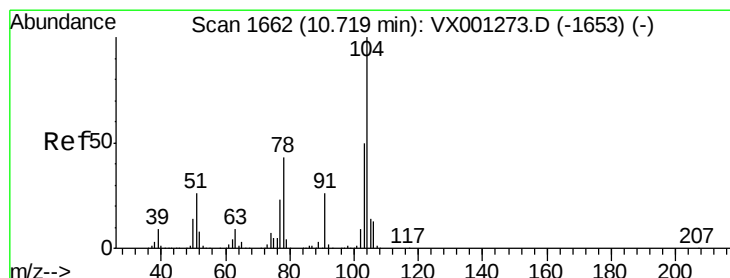
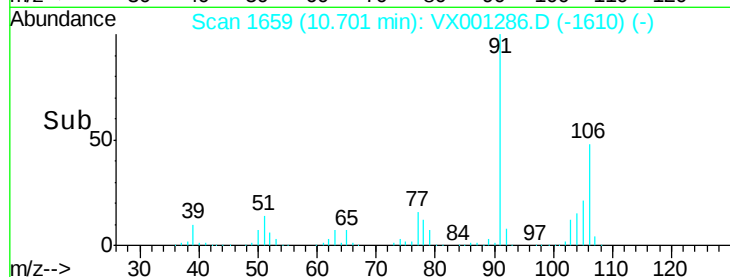
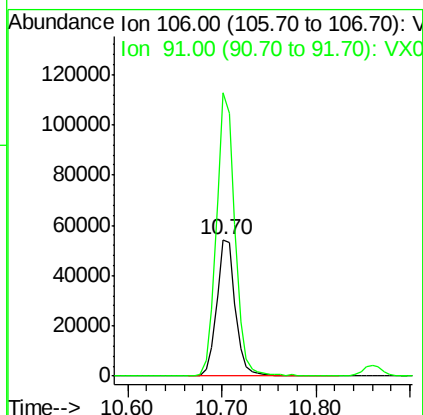
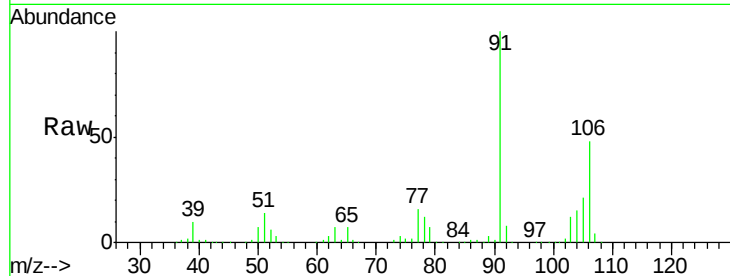




#69
o-Xylene
Concen: 18.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

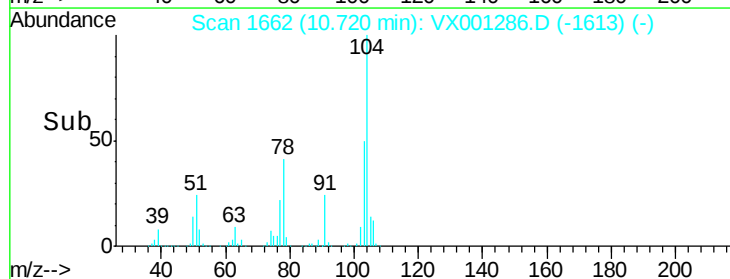
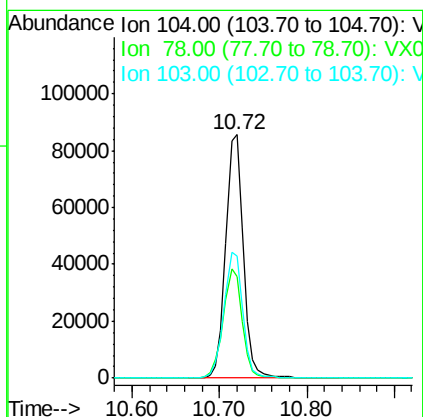
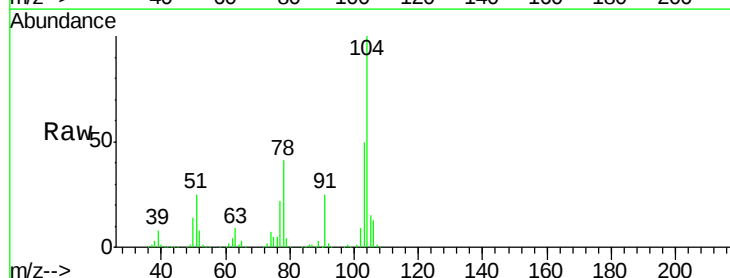
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

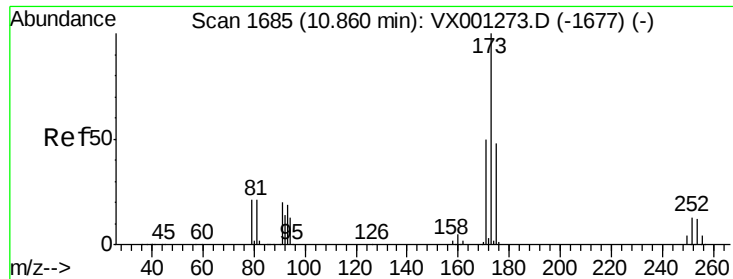
Tgt Ion:106 Resp: 74325
Ion Ratio Lower Upper
106 100
91 207.5 106.3 319.0



#70
Styrene
Concen: 18.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion:104 Resp: 119911
Ion Ratio Lower Upper
104 100
78 48.4 40.1 60.1
103 55.3 44.5 66.7

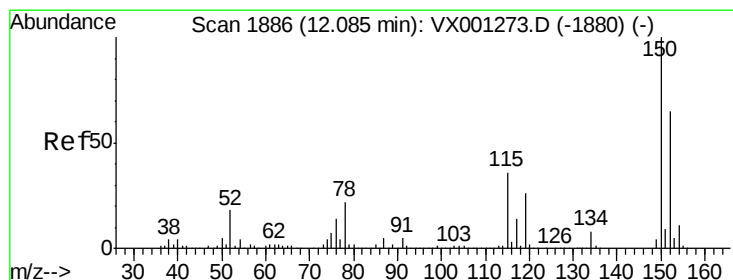
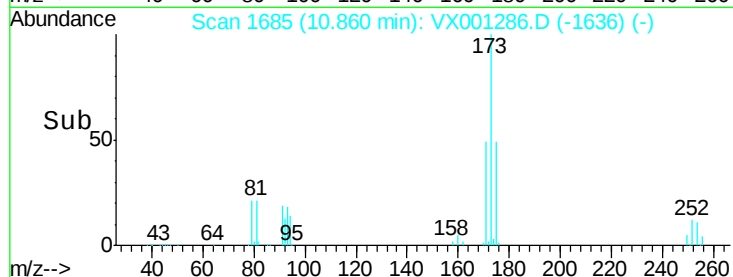
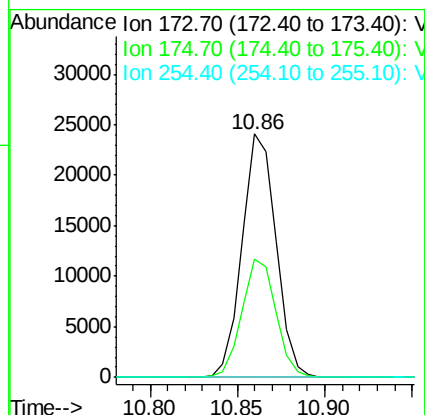
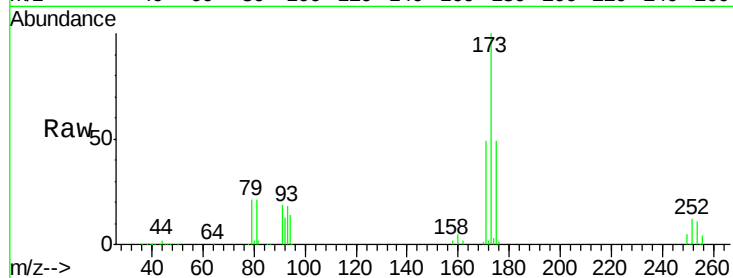




#71
Bromoform
Concen: 18.01 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

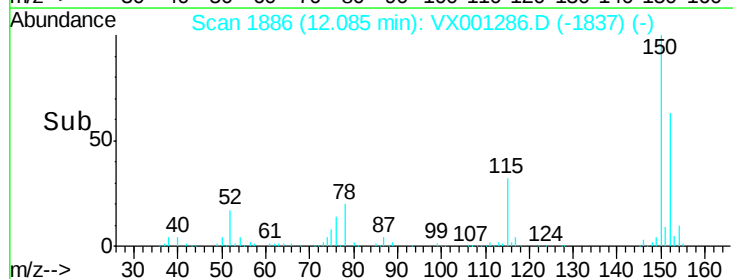
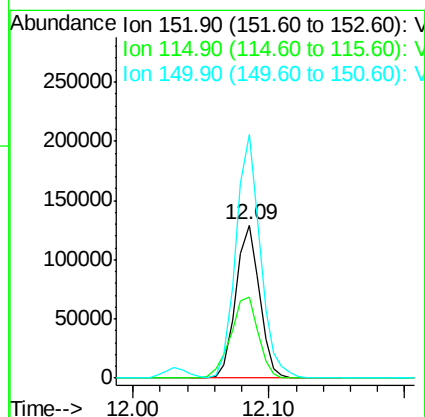
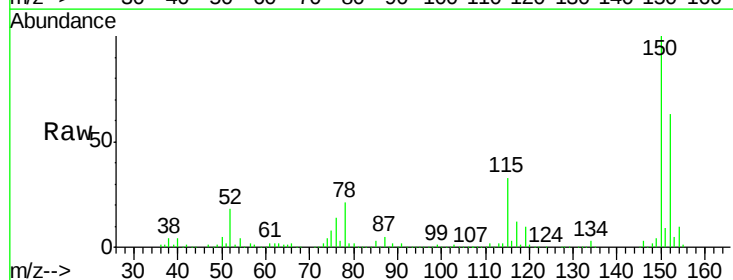
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

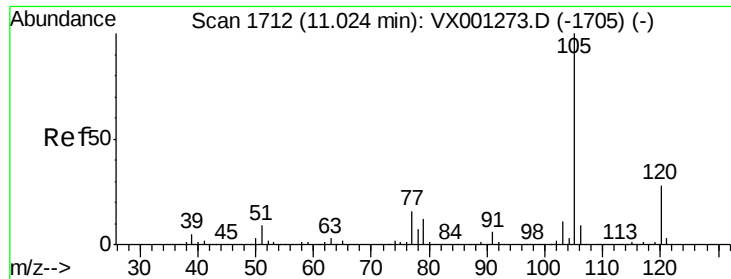
Tgt Ion:173 Resp: 32486
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion:152 Resp: 156429
Ion Ratio Lower Upper
152 100
115 62.1 38.6 115.7
150 164.3 0.0 349.2





#73

Isopropylbenzene

Concen: 18.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

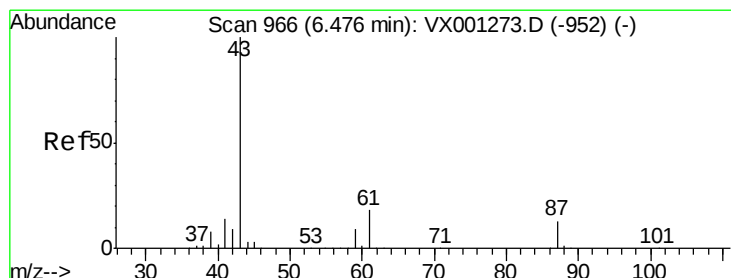
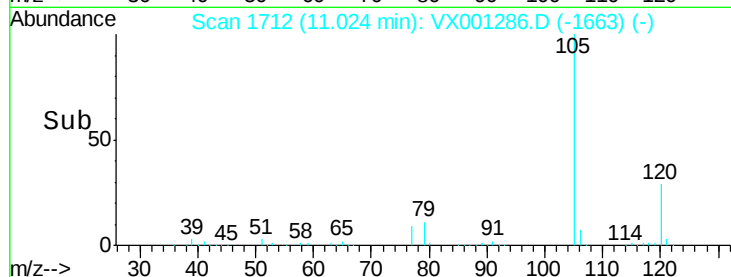
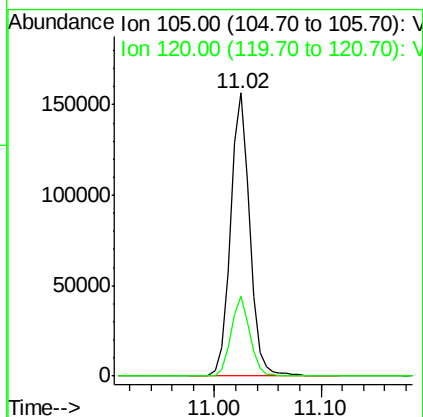
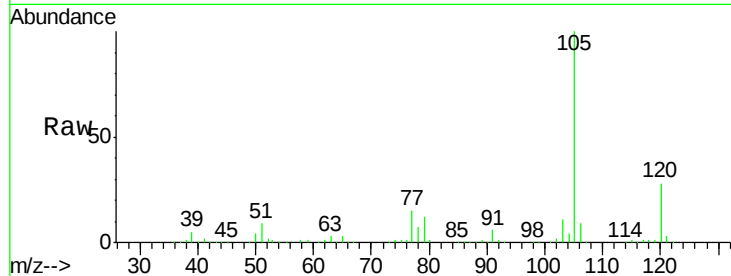
VX0501WBS02

Tgt Ion: 105 Resp: 198015

Ion Ratio Lower Upper

105 100

120 27.9 13.7 41.1



#74

N-ethyl acetate

Concen: 19.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Tgt Ion: 43 Resp: 87933

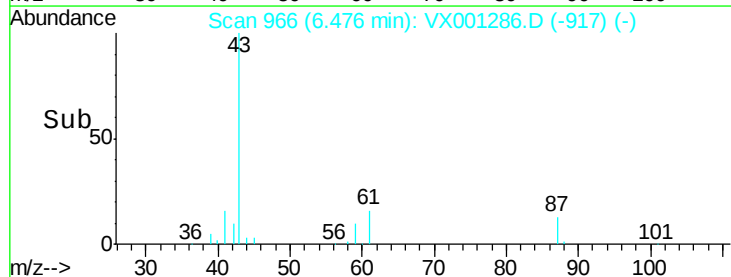
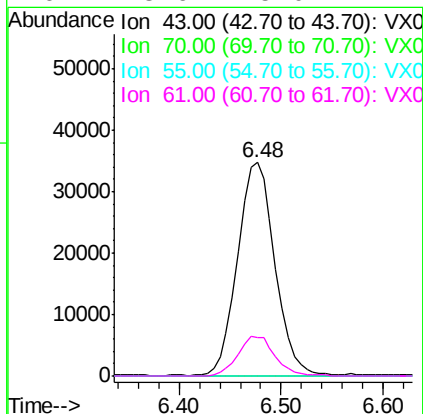
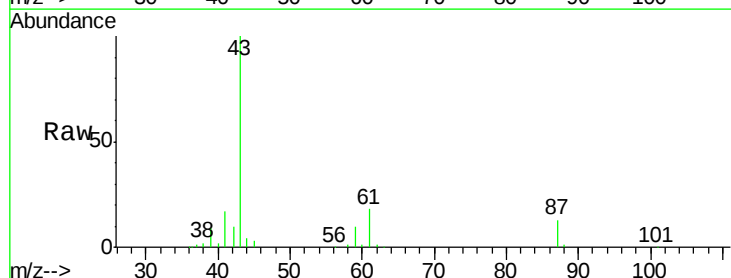
Ion Ratio Lower Upper

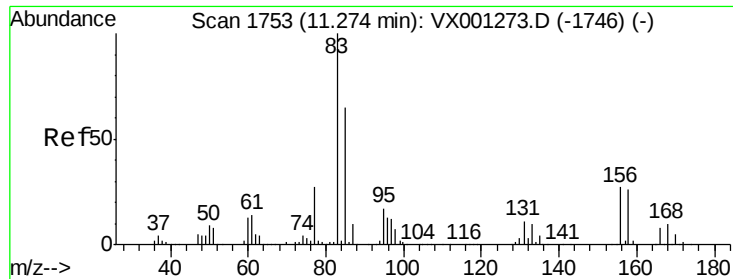
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.6 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

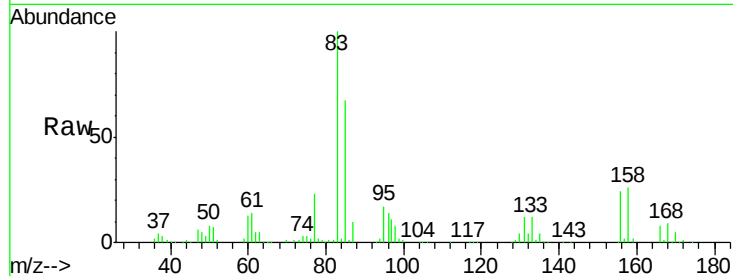
Tgt Ion: 83 Resp: 60105

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

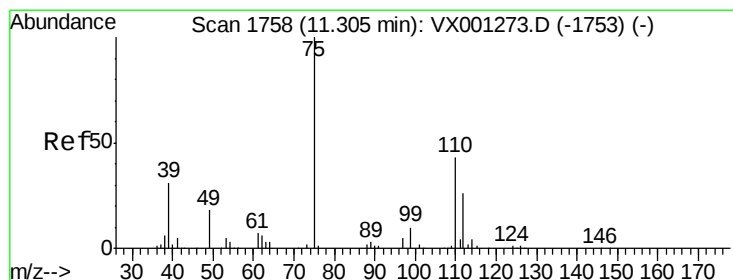
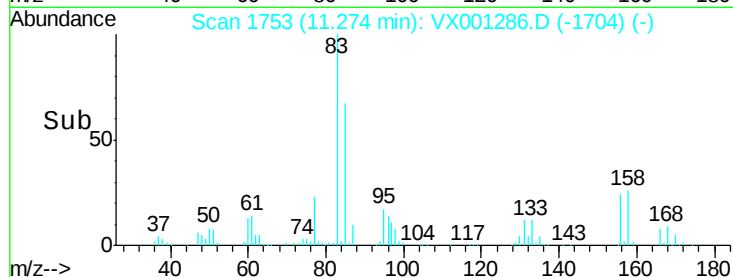
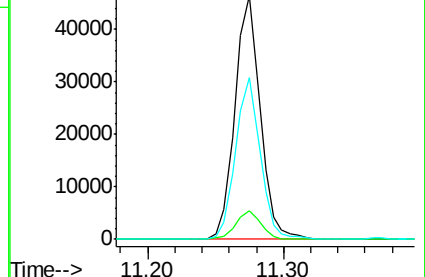
85 65.2 32.6 97.7



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: 22.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001286.D

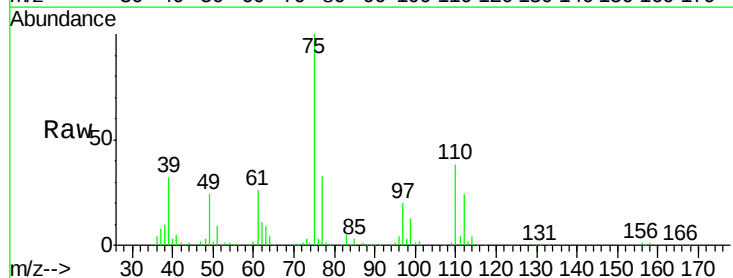
Acq: 01 May 2018 19:53

Tgt Ion: 75 Resp: 66115

Ion Ratio Lower Upper

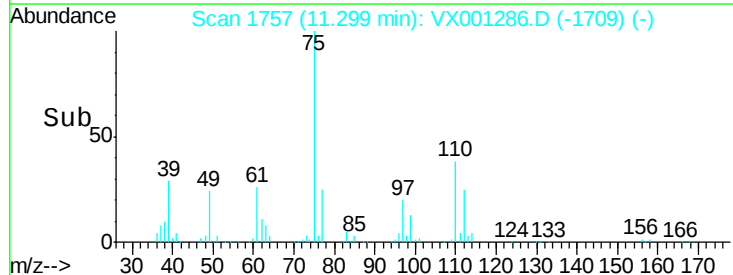
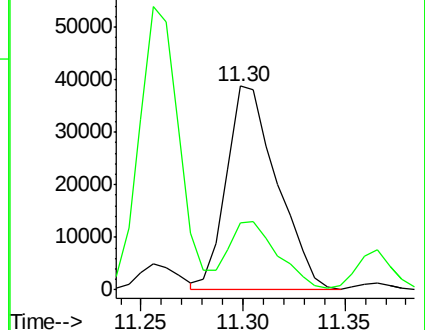
75 100

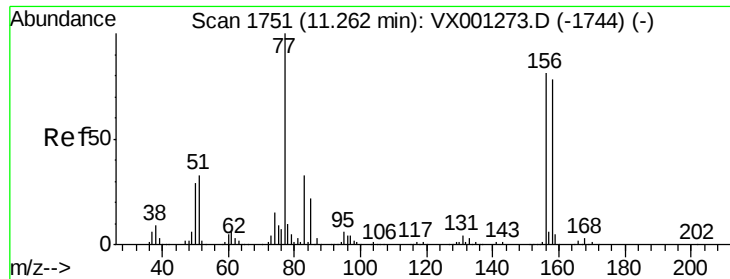
77 31.8 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

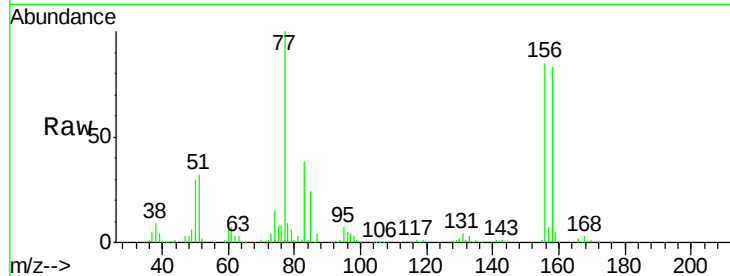
Tgt Ion:156 Resp: 57861

Ion Ratio Lower Upper

156 100

77 126.7 65.3 195.8

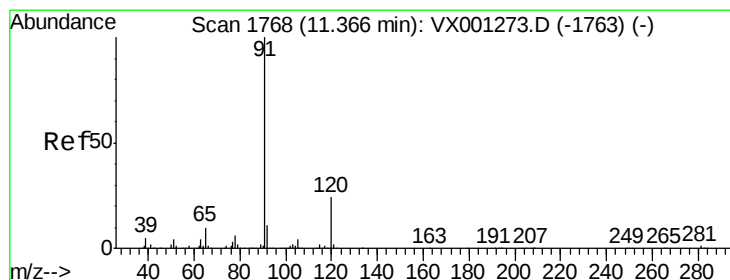
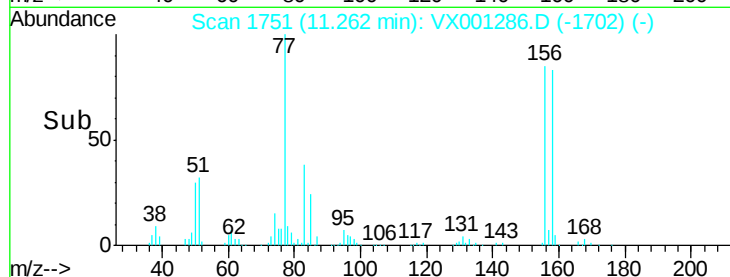
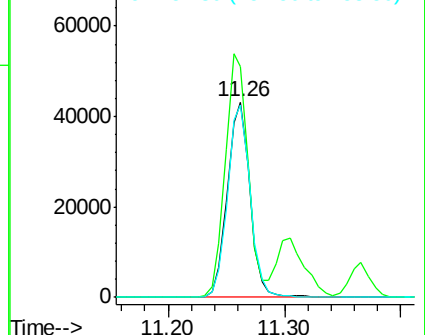
158 99.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001286.D

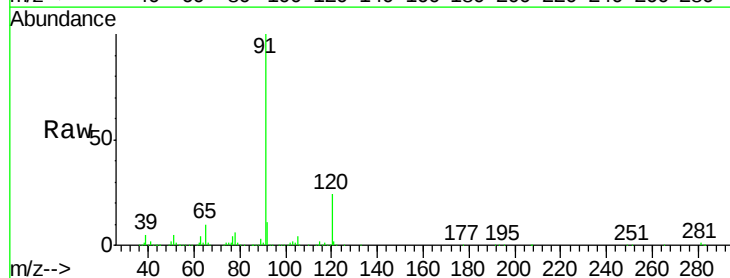
Acq: 01 May 2018 19:53

Tgt Ion: 91 Resp: 224127

Ion Ratio Lower Upper

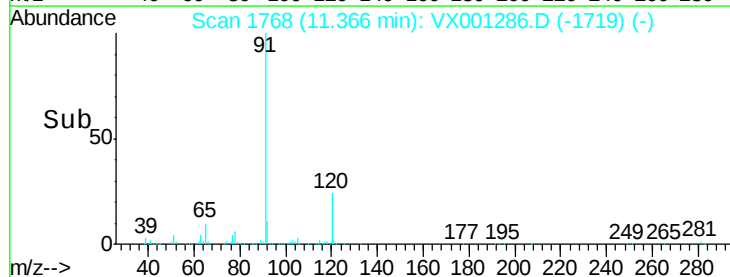
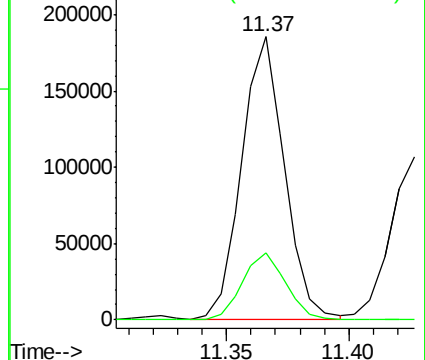
91 100

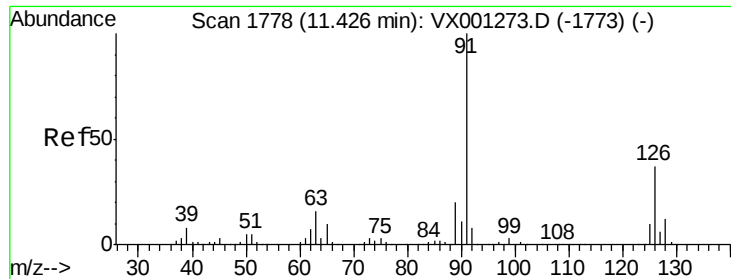
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

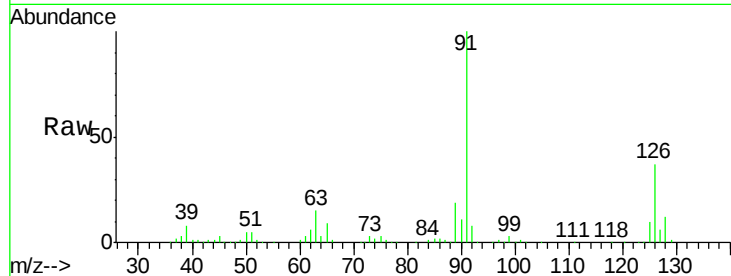
VX0501WBS02

Tgt Ion: 91 Resp: 135110

Ion Ratio Lower Upper

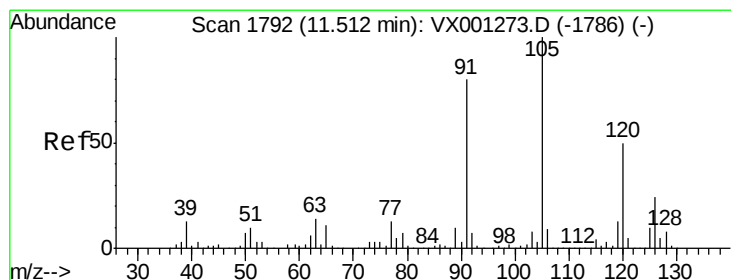
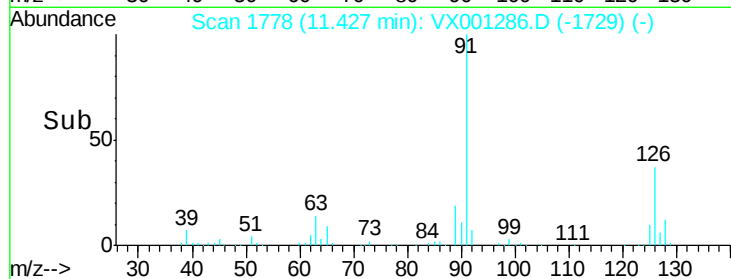
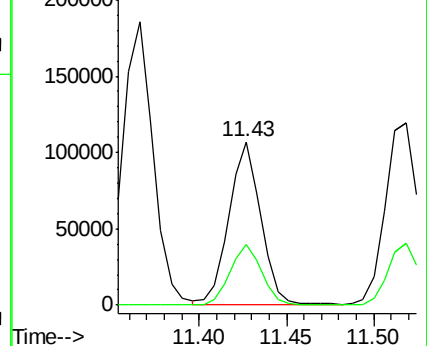
91 100

126 36.9 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001286.D

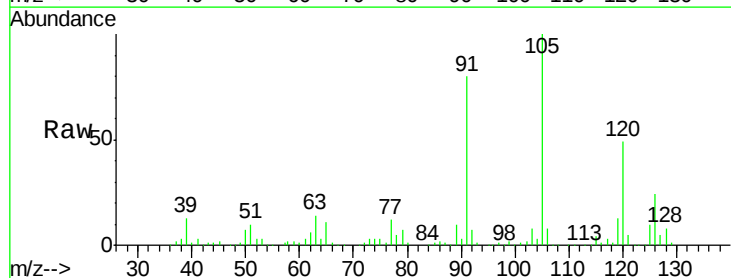
Acq: 01 May 2018 19:53

Tgt Ion: 105 Resp: 171440

Ion Ratio Lower Upper

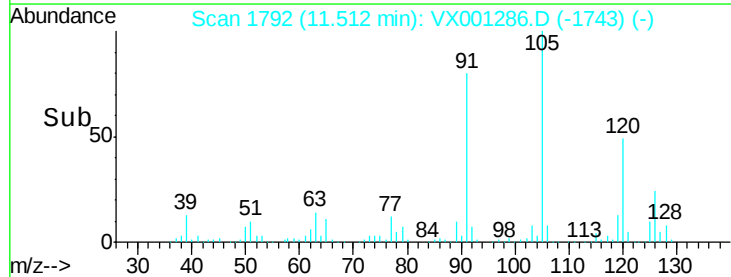
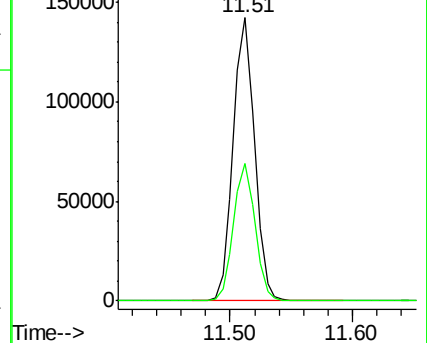
105 100

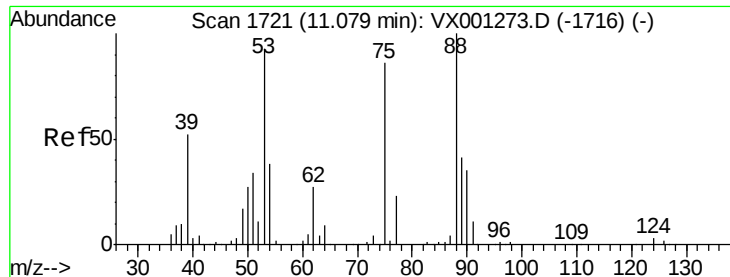
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

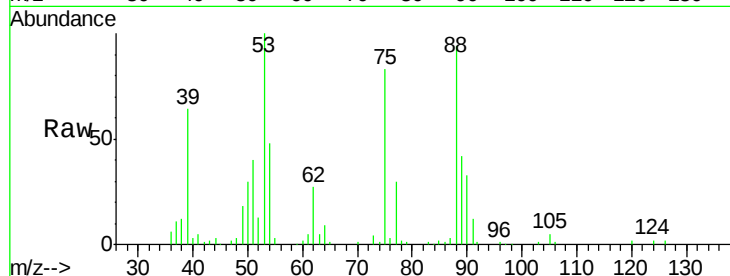
Tgt Ion: 75 Resp: 13102

Ion Ratio Lower Upper

75 100

53 119.2 87.1 130.7

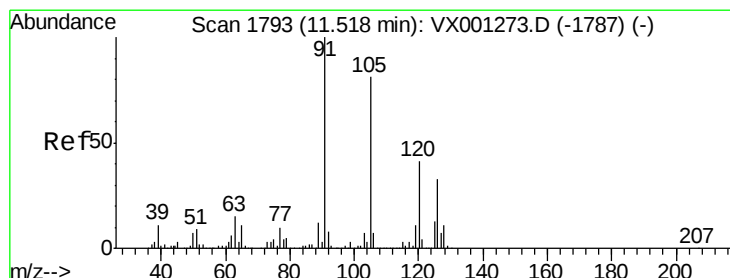
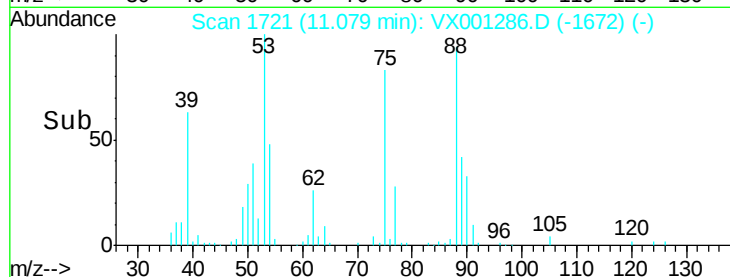
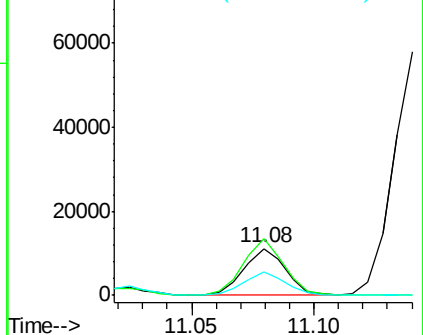
89 50.5 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001286.D

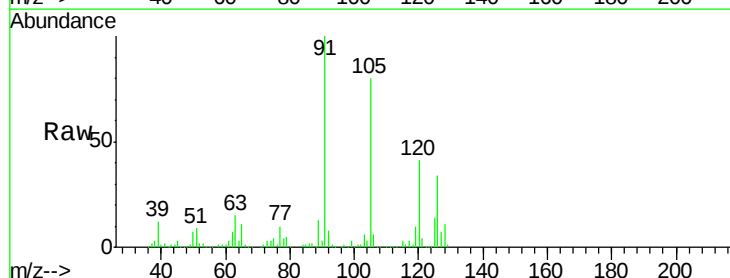
Acq: 01 May 2018 19:53

Tgt Ion: 91 Resp: 157415

Ion Ratio Lower Upper

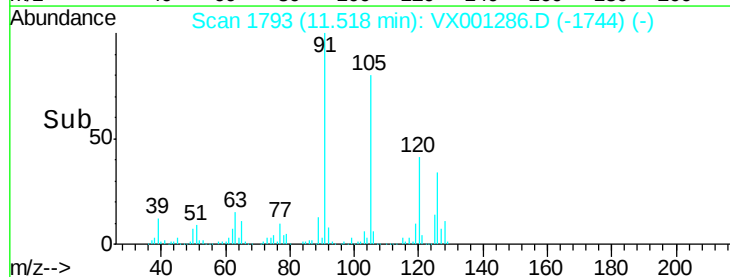
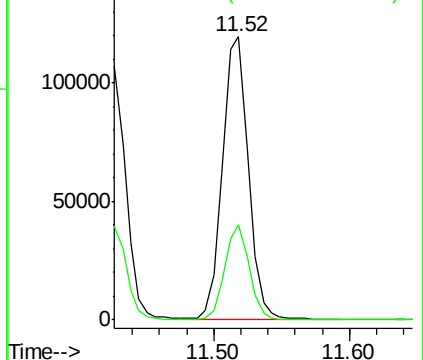
91 100

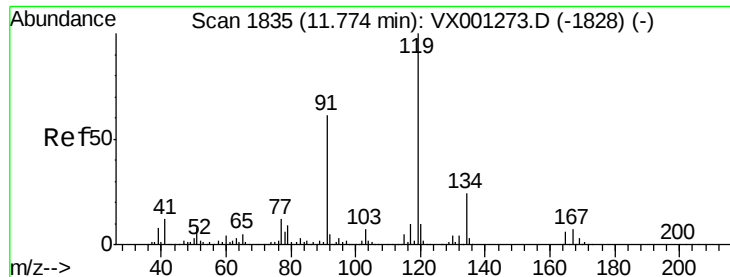
126 32.2 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

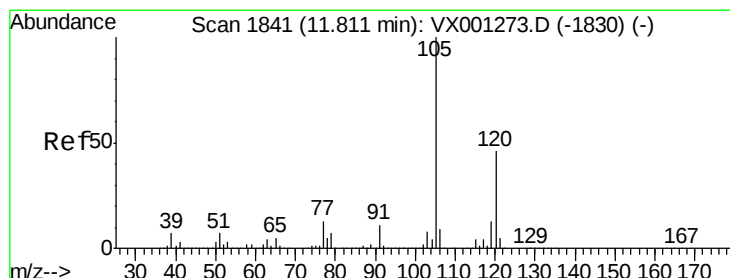
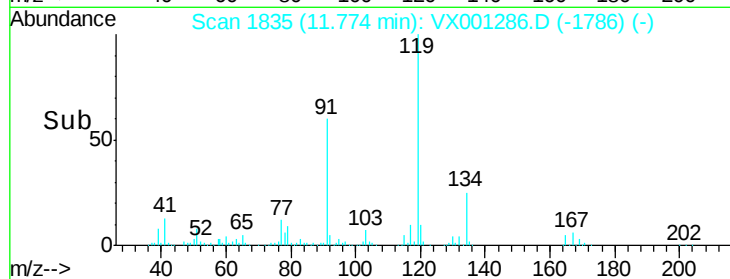
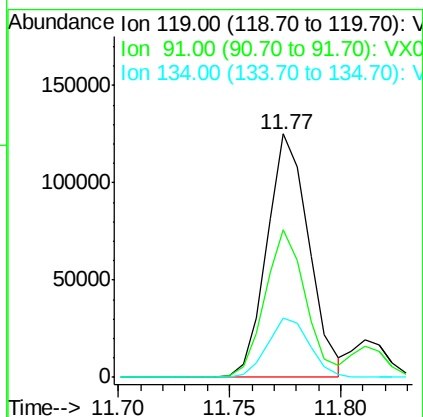
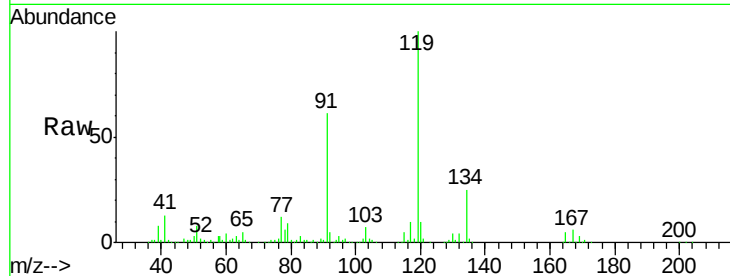




#83
 tert-Butylbenzene
 Concen: 18.68 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

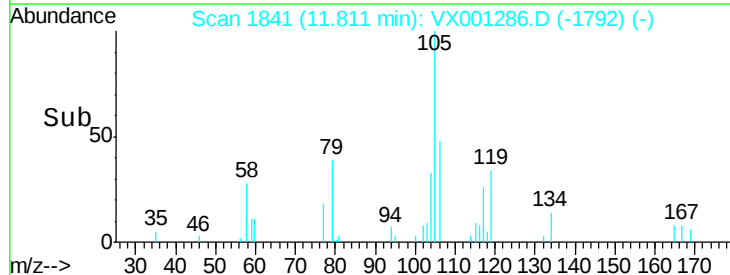
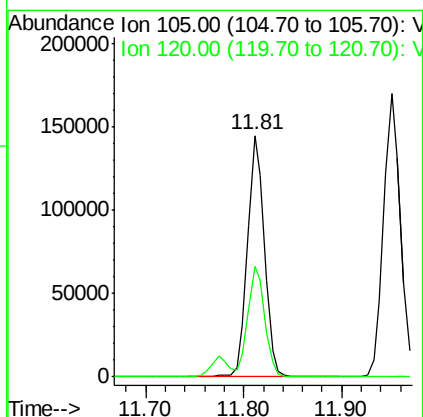
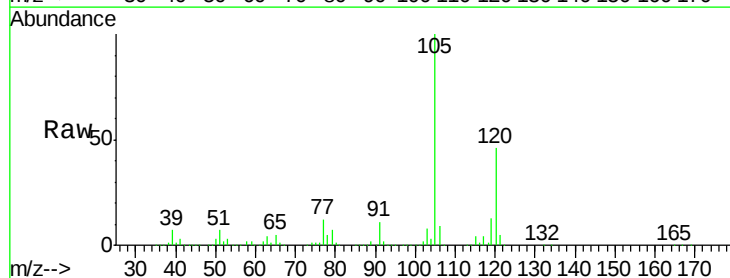
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

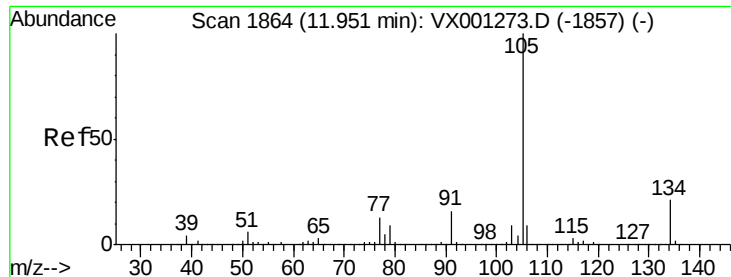
Tgt Ion:119 Resp: 163714
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.1 84.3
 134 24.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion:105 Resp: 174519
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

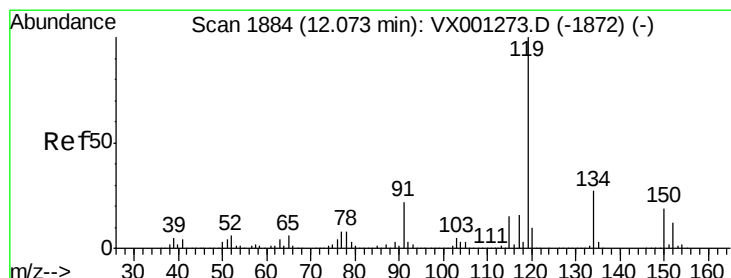
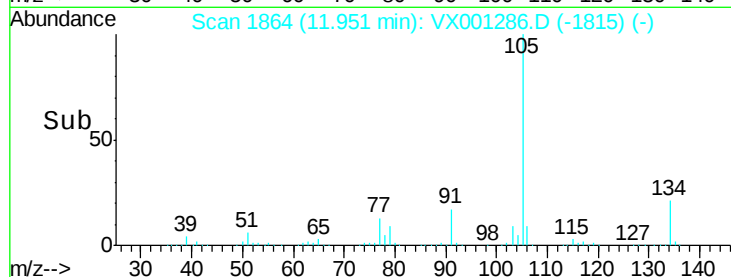
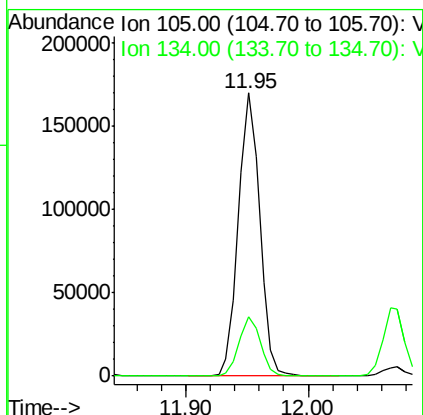
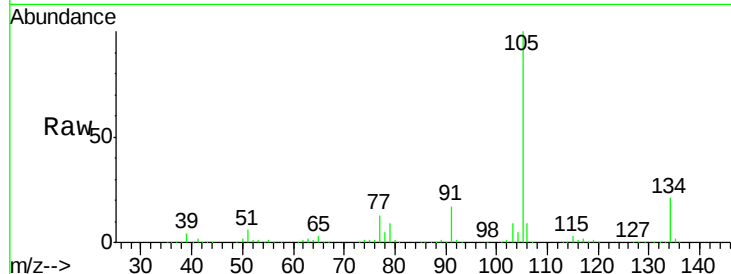




#85
 sec-Butylbenzene
 Concen: 19.51 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

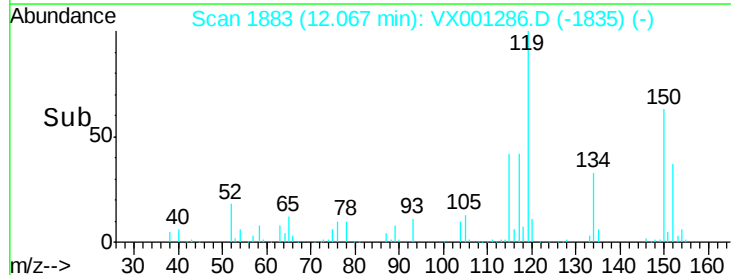
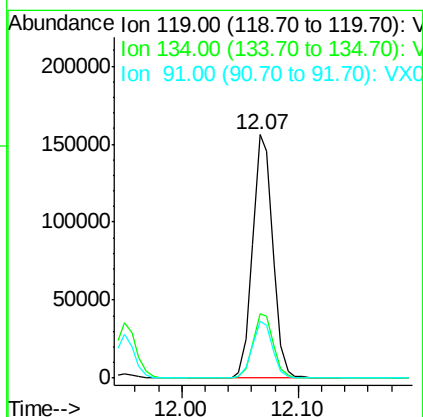
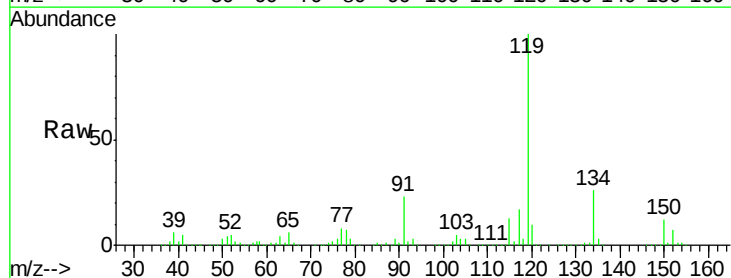
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

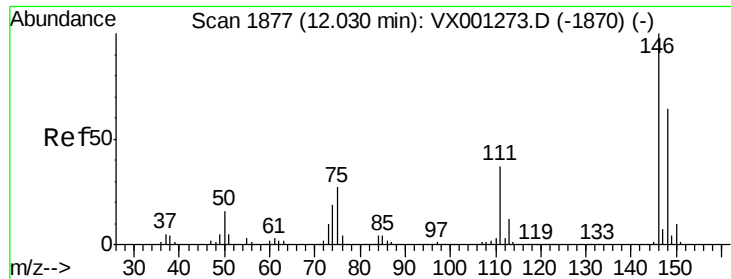
Tgt Ion:105 Resp: 204532
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.66 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion:119 Resp: 189105
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 23.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 18.39 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

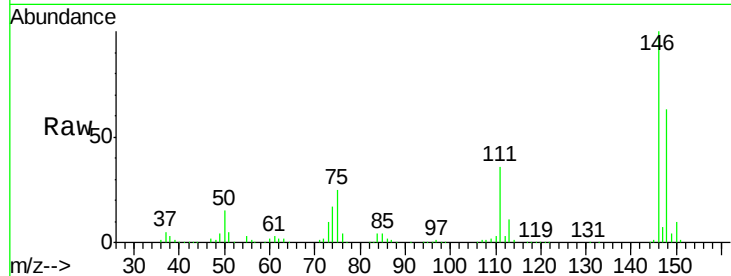
Tgt Ion:146 Resp: 103671

Ion Ratio Lower Upper

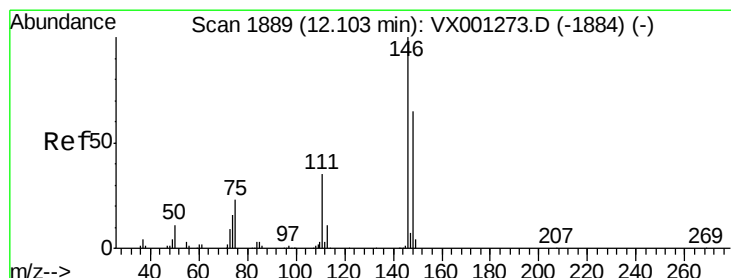
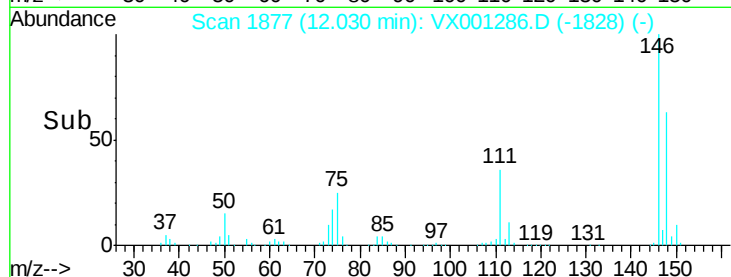
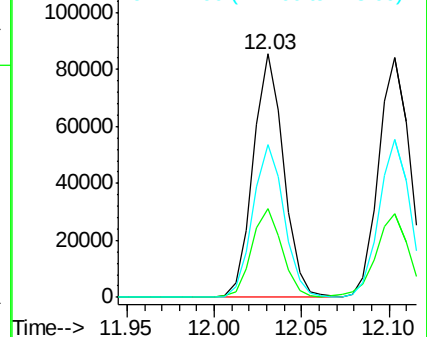
146 100

111 36.4 18.4 55.2

148 64.2 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 18.16 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

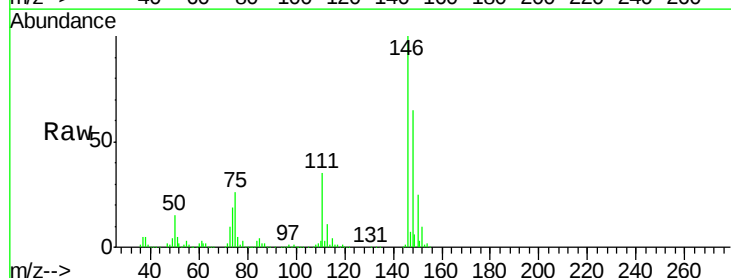
Tgt Ion:146 Resp: 105527

Ion Ratio Lower Upper

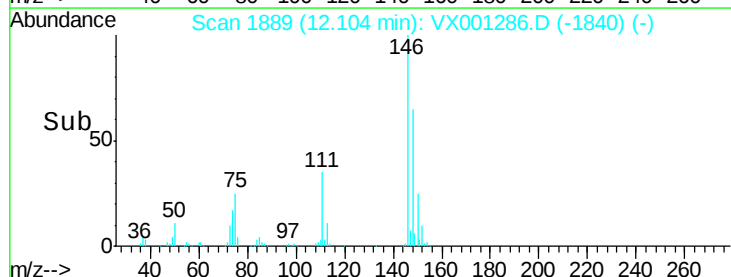
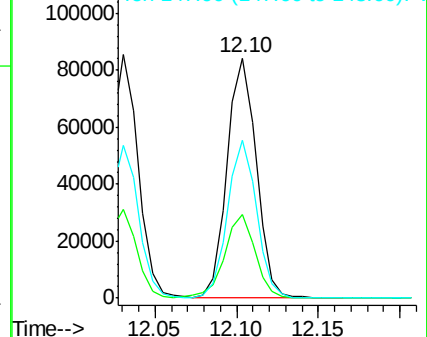
146 100

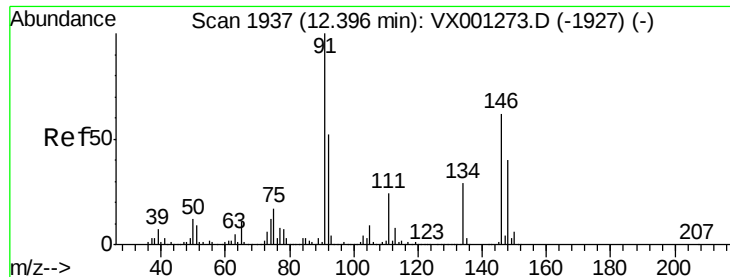
111 36.7 17.9 53.7

148 65.2 32.3 96.8



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





#89

n-Butylbenzene

Concen: 18.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001286.D

Acq: 01 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

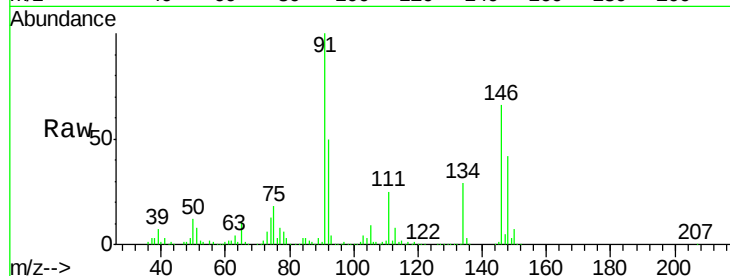
Tgt Ion: 91 Resp: 158887

Ion Ratio Lower Upper

91 100

92 51.2 26.2 78.5

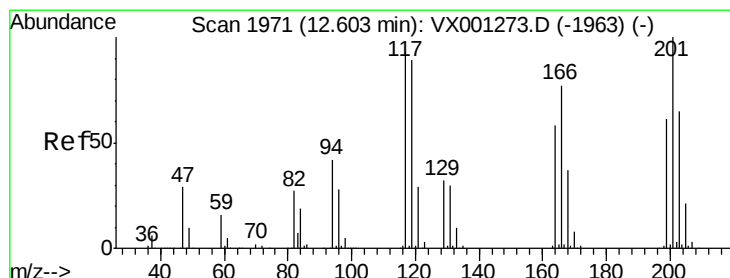
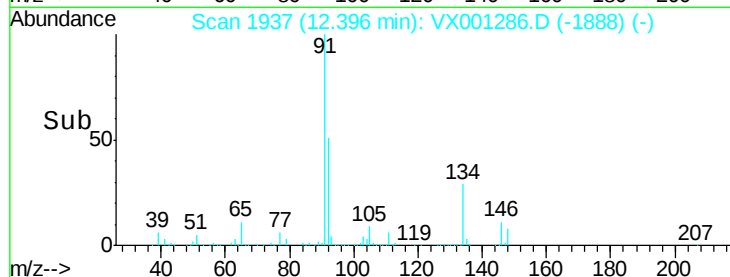
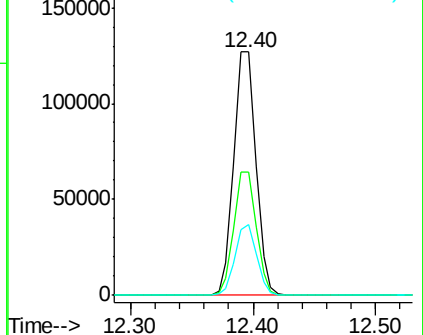
134 28.2 14.0 42.0



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: 18.01 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001286.D

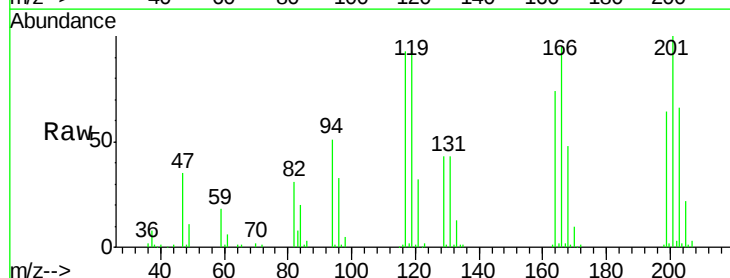
Acq: 01 May 2018 19:53

Tgt Ion: 117 Resp: 25082

Ion Ratio Lower Upper

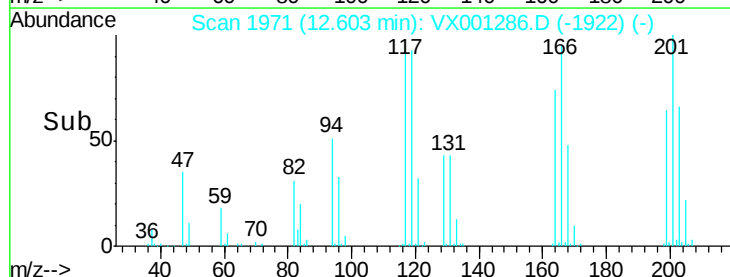
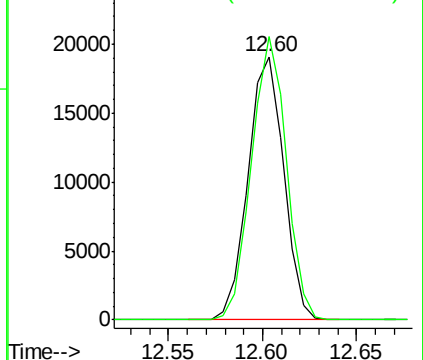
117 100

201 104.8 51.6 154.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

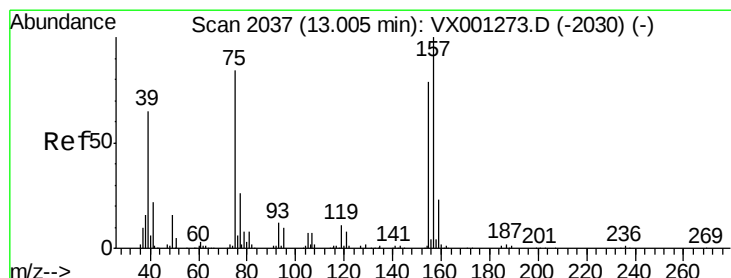
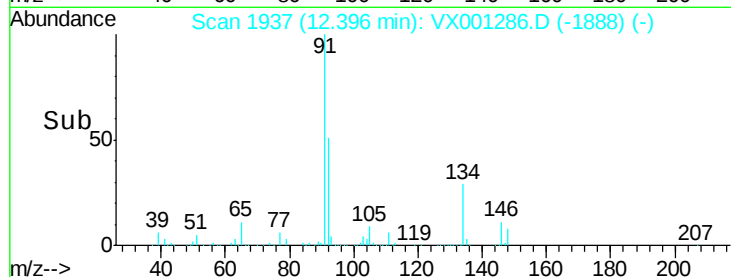
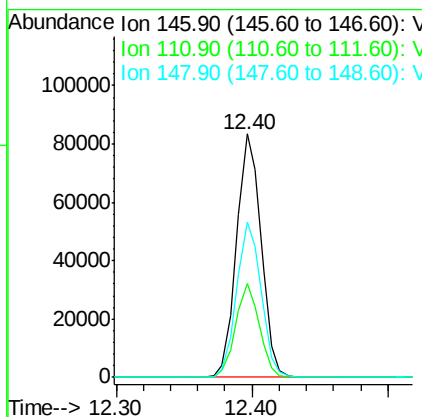
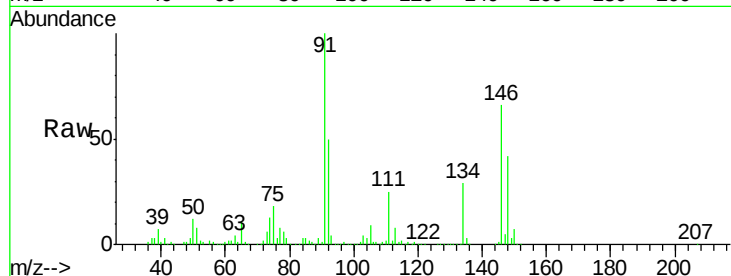




#91
 1,2-Dichlorobenzene
 Concen: 18.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

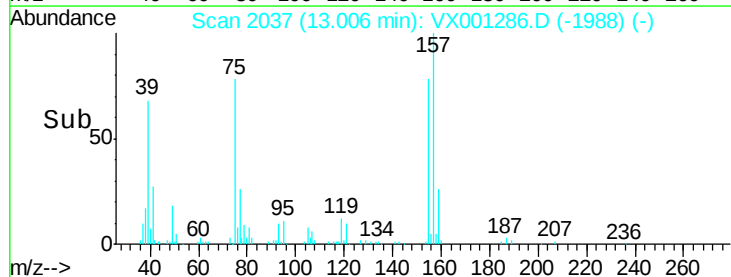
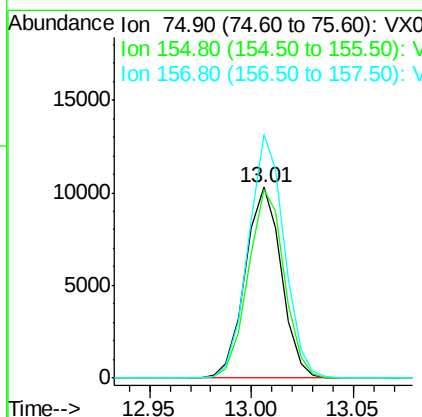
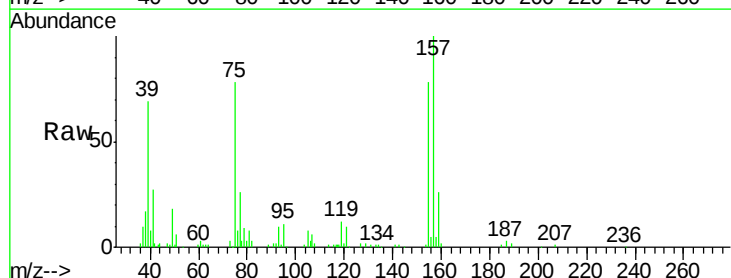
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

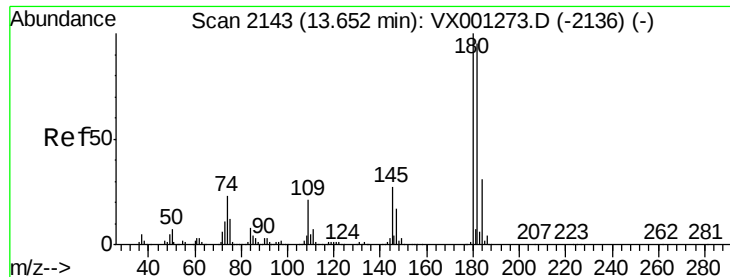
Tgt Ion: 146 Resp: 104987
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.5
 148 63.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion: 75 Resp: 12651
 Ion Ratio Lower Upper
 75 100
 155 99.4 49.9 149.7
 157 127.2 63.7 191.1

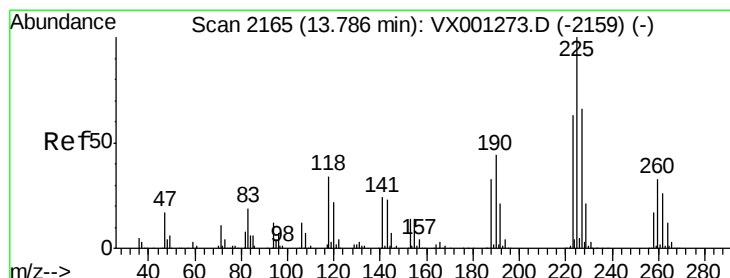
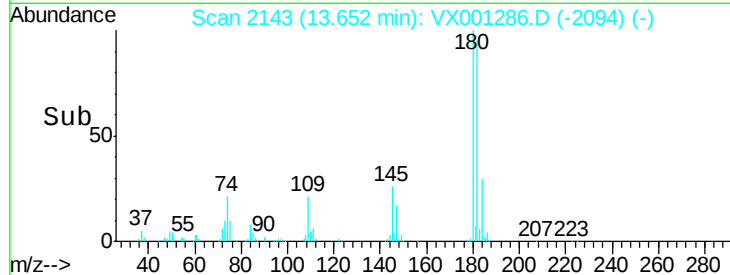
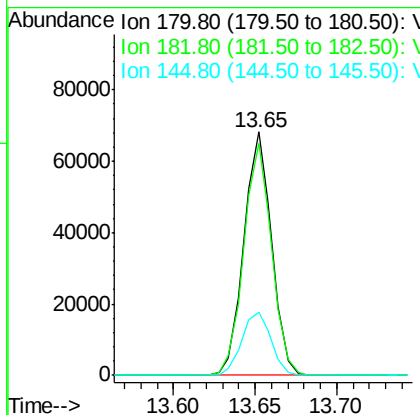
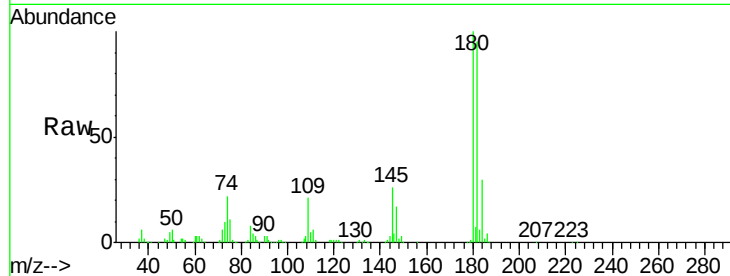




#93
 1,2,4-Trichlorobenzene
 Concen: 17.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

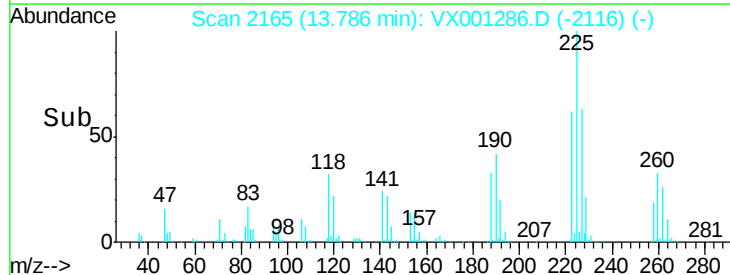
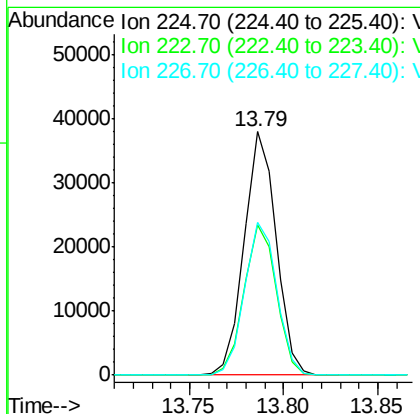
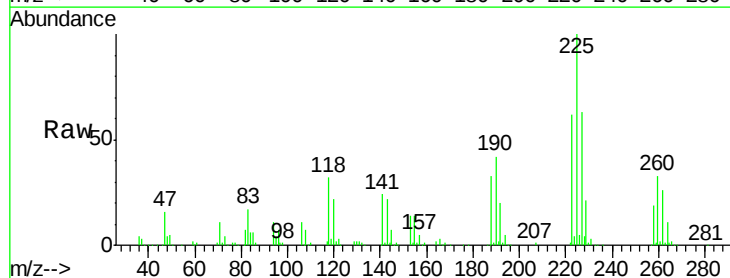
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

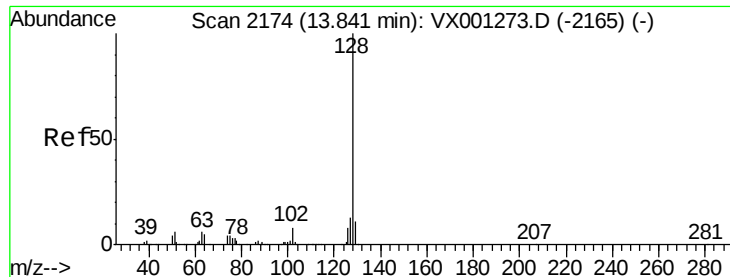
Tgt Ion:180 Resp: 80779
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 141.9
 145 27.4 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 18.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001286.D
 Acq: 01 May 2018 19:53

Tgt Ion:225 Resp: 44768
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 63.1 32.5 97.5

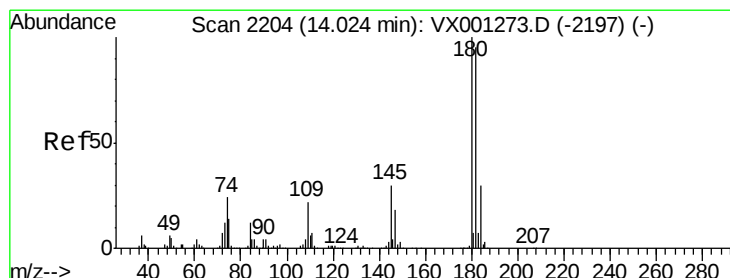
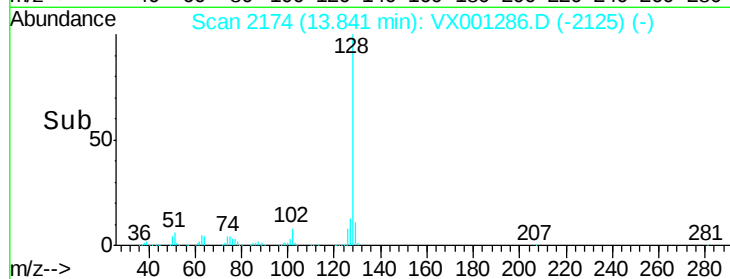
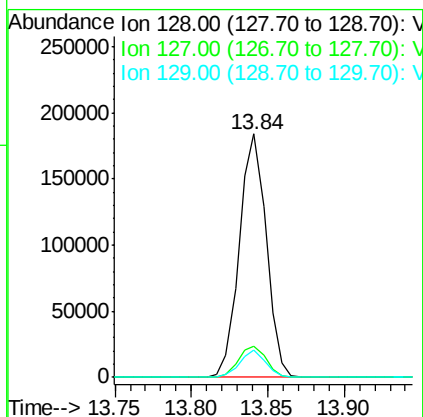
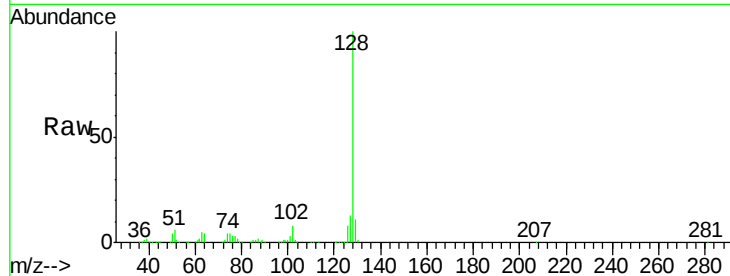




#95
Naphthalene
Concen: 19.64 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tgt Ion:128 Resp: 224823
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.85 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001286.D
Acq: 01 May 2018 19:53

Tgt Ion:180 Resp: 83507
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.3
145 28.2 14.4 43.4

