

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001936.D
 Acq On : 24 May 2018 10:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 24 12:38:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	251155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	31187	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
35) Dibromofluoromethane	5.51	113	24826	5.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.24%	
50) Toluene-d8	8.72	98	84199	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
62) 4-Bromofluorobenzene	11.14	95	31373	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	23931	5.69	ug/l	95
3) Chloromethane	1.33	50	26658	5.56	ug/l	97
4) Vinyl Chloride	1.41	62	25421	5.49	ug/l	99
5) Bromomethane	1.64	94	13696	6.14	ug/l	95
6) Chloroethane	1.72	64	14371	5.26	ug/l	99
7) Trichlorofluoromethane	1.93	101	37516	5.37	ug/l	98
8) Diethyl Ether	2.19	74	13996	5.46	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	20803	5.42	ug/l	98
10) Methyl Iodide	2.51	142	23658	4.00	ug/l	98
11) Tert butyl alcohol	3.09	59	29374	26.11	ug/l	# 90
12) 1,1-Dichloroethene	2.37	96	19943	5.57	ug/l	93
13) Acrolein	2.30	56	14887	33.38	ug/l	89
14) Allyl chloride	2.73	41	40664	5.28	ug/l	98
15) Acrylonitrile	3.16	53	59541	25.82	ug/l	98
16) Acetone	2.46	43	58125	26.92	ug/l	99
17) Carbon Disulfide	2.57	76	55371	5.29	ug/l	99
18) Methyl Acetate	2.79	43	30364	5.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	73160	5.30	ug/l	96
20) Methylene Chloride	2.86	84	23097	5.76	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	20715	5.38	ug/l	96
22) Diisopropyl ether	3.89	45	85961	5.32	ug/l	98
23) Vinyl Acetate	3.83	43	349181	26.58	ug/l	99
24) 1,1-Dichloroethane	3.70	63	38973	5.24	ug/l	97
25) 2-Butanone	4.73	43	105580	25.92	ug/l	97
26) 2,2-Dichloropropane	4.59	77	40612	5.50	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	25001	5.23	ug/l	38
28) Bromochloromethane	5.03	49	12152	3.58	ug/l	99
29) Tetrahydrofuran	5.18	42	69378	26.36	ug/l	99
30) Chloroform	5.22	83	43884	5.33	ug/l	100
31) Cyclohexane	5.57	56	41853	5.50	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	41129	5.27	ug/l	98
36) 1,1-Dichloropropene	5.81	75	30703	5.08	ug/l	98
37) Ethyl Acetate	4.87	43	40694	5.09	ug/l	97
38) Carbon Tetrachloride	5.79	117	36989	5.25	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001936.D
 Acq On : 24 May 2018 10:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 24 12:38:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	38316	5.20	ug/l	98
40) Benzene	6.15	78	95045	5.29	ug/l	98
41) Methacrylonitrile	5.08	41	24094	5.42	ug/l	100
42) 1,2-Dichloroethane	6.20	62	36987	5.28	ug/l	97
43) Isopropyl Acetate	6.48	43	69794	5.21	ug/l	99
44) Trichloroethene	7.22	130	26860	5.18	ug/l	95
45) 1,2-Dichloropropane	7.52	63	24496	5.12	ug/l	99
46) Dibromomethane	7.67	93	16565	5.13	ug/l	97
47) Bromodichloromethane	7.90	83	34960	5.15	ug/l	99
48) Methyl methacrylate	7.79	41	36197	5.35	ug/l	98
49) 1,4-Dioxane	7.77	88	12305	100.89	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	212677	26.26	ug/l	99
52) Toluene	8.79	92	57729	5.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	41201	5.14	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	40084	5.17	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	23966	5.16	ug/l	95
56) Ethyl methacrylate	9.19	69	41755	5.22	ug/l	97
57) 1,3-Dichloropropane	9.38	76	40111	5.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	94175	26.09	ug/l	100
59) 2-Hexanone	9.51	43	166055	26.50	ug/l	99
60) Dibromochloromethane	9.59	129	28513	5.03	ug/l	99
61) 1,2-Dibromoethane	9.68	107	25363	5.09	ug/l	99
64) Tetrachloroethene	9.34	164	29052	5.17	ug/l	99
65) Chlorobenzene	10.14	112	63407	5.10	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	26368	5.29	ug/l	99
67) Ethyl Benzene	10.26	91	112831	5.17	ug/l	99
68) m/p-Xylenes	10.36	106	85138	10.25	ug/l	98
69) o-Xylene	10.70	106	43531	5.29	ug/l	98
70) Styrene	10.72	104	69876	5.06	ug/l	99
71) Bromoform	10.86	173	23432	4.83	ug/l	96
73) Isopropylbenzene	11.02	105	113718	5.61	ug/l	100
74) N-amyl acetate	6.48	43	69794	5.85	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	35603	6.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	47018	8.48	ug/l	81
77) Bromobenzene	11.26	156	29200	5.42	ug/l	98
78) n-propylbenzene	11.37	91	124698	5.42	ug/l	100
79) 2-Chlorotoluene	11.43	91	78409	5.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	96036	5.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13597	5.83	ug/l	95
82) 4-Chlorotoluene	11.52	91	87485	5.44	ug/l	96
83) tert-Butylbenzene	11.77	119	93881	5.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	99345	5.60	ug/l	99
85) sec-Butylbenzene	11.95	105	111771	5.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	96993	5.26	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	51242	5.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	50063	5.17	ug/l	95
89) n-Butylbenzene	12.40	91	78554	4.90	ug/l	100
90) Hexachloroethane	12.60	117	19192	5.31	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	52654	5.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	10324	5.72	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
Data File : VX001936.D
Acq On : 24 May 2018 10:53
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 24 12:38:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 12:37:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35134	4.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	19114	4.96	ug/l	96
95) Naphthalene	13.84	128	116780	5.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	38200	5.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

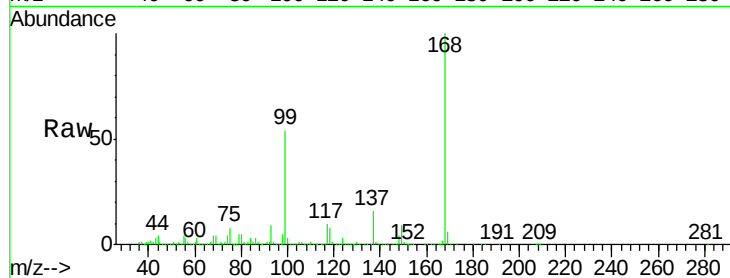
VSTDIC005

Tgt Ion:168 Resp: 323715

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

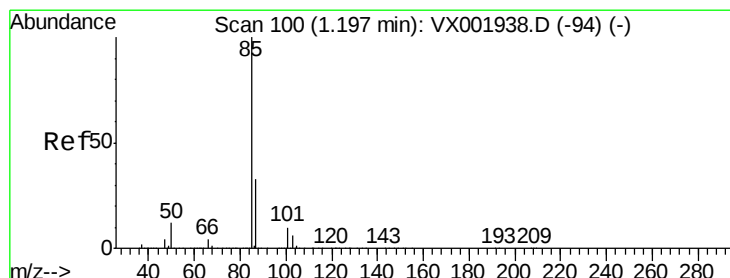
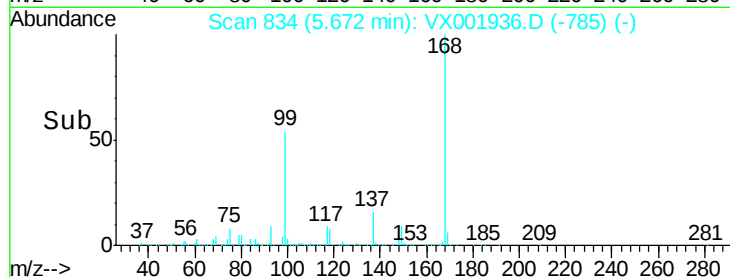
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001936.D

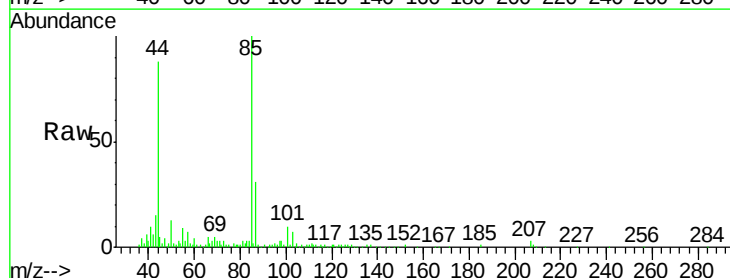
Acq: 24 May 2018 10:53

Tgt Ion: 85 Resp: 23931

Ion Ratio Lower Upper

85 100

87 30.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

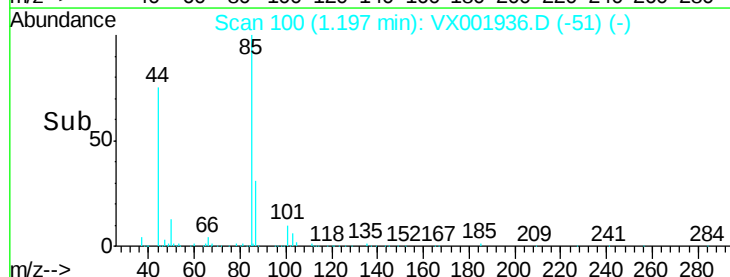
15000

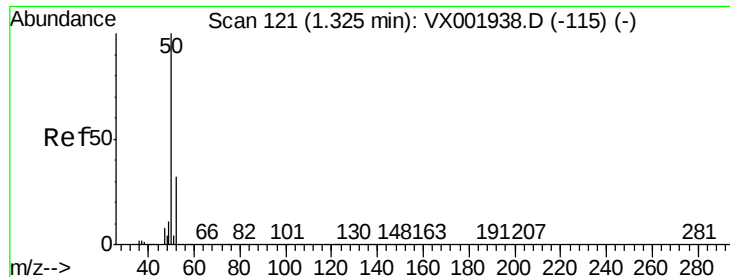
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.56 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

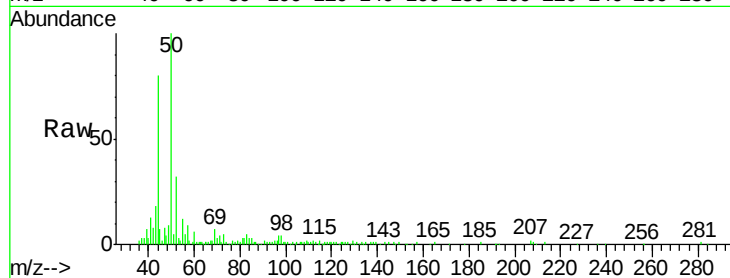
VSTDIC005

Tgt Ion: 50 Resp: 26658

Ion Ratio Lower Upper

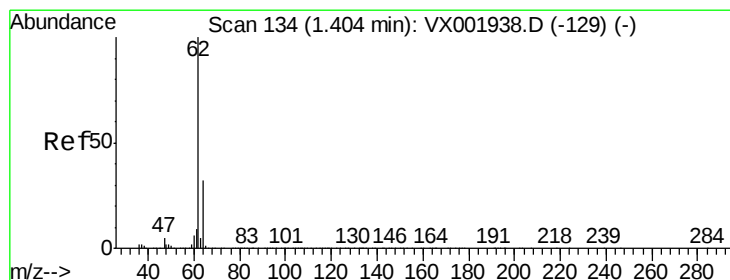
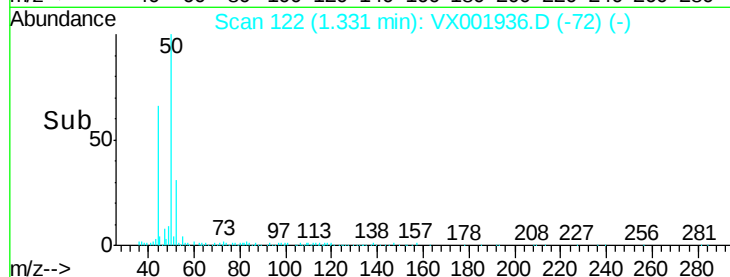
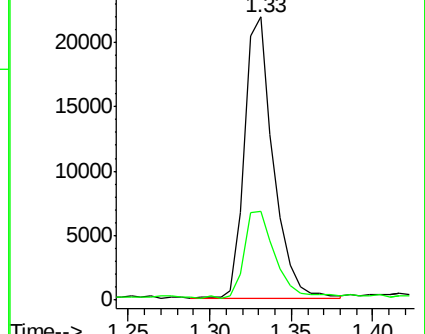
50 100

52 30.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.49 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001936.D

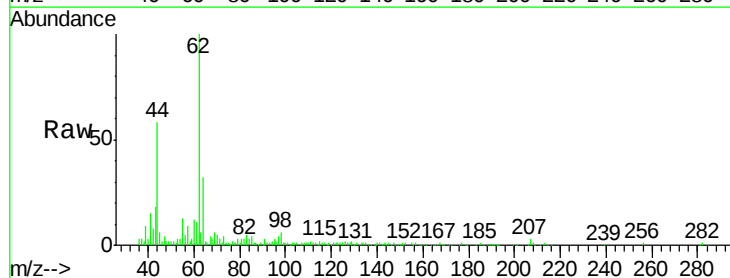
Acq: 24 May 2018 10:53

Tgt Ion: 62 Resp: 25421

Ion Ratio Lower Upper

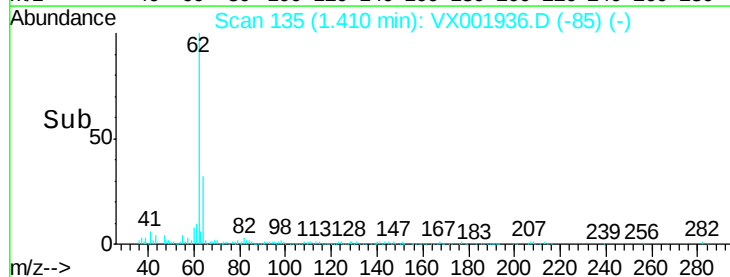
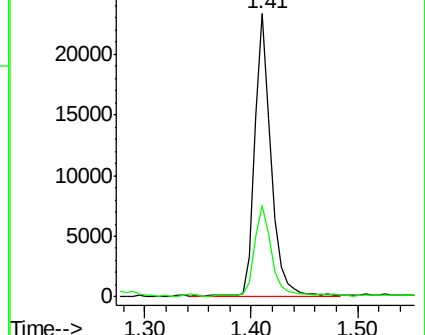
62 100

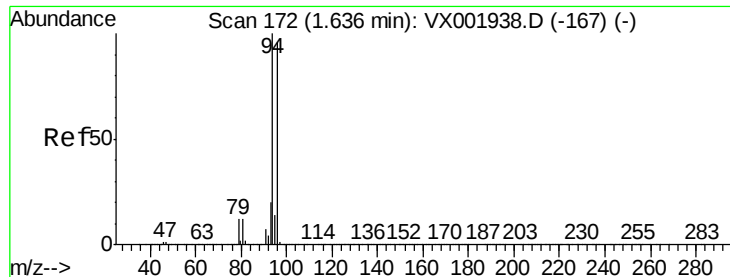
64 31.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.14 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

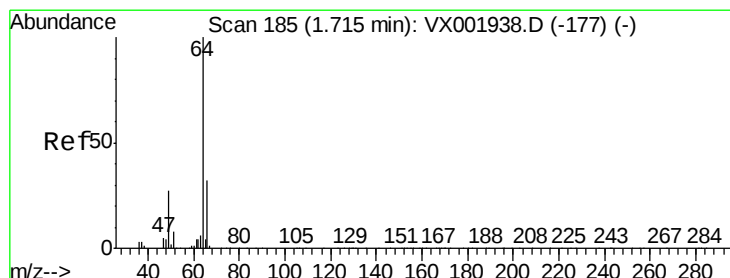
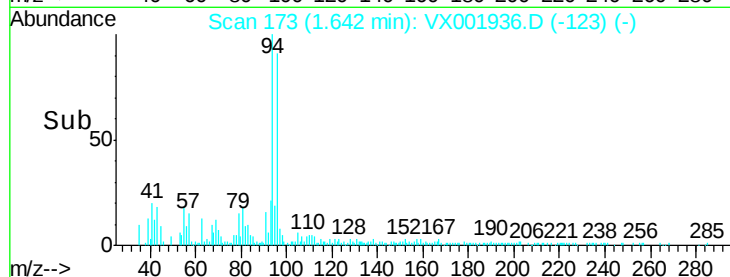
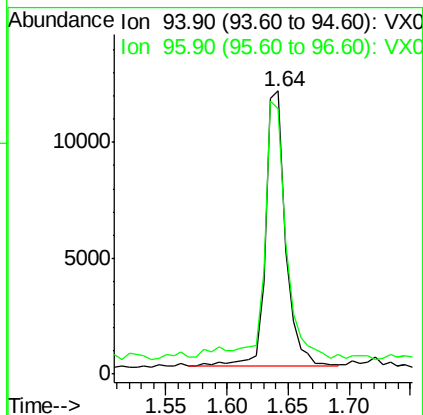
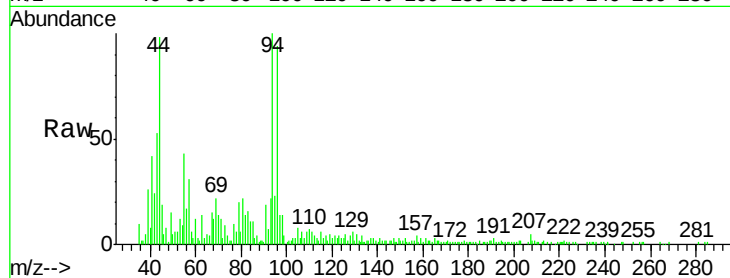
VSTDIC005

Tgt Ion: 94 Resp: 13696

Ion Ratio Lower Upper

94 100

96 90.5 75.9 113.9



#6

Chloroethane

Concen: 5.26 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001936.D

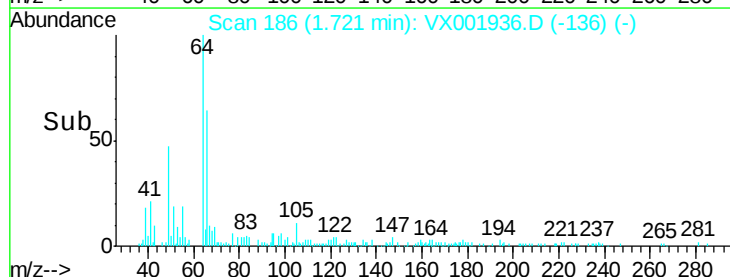
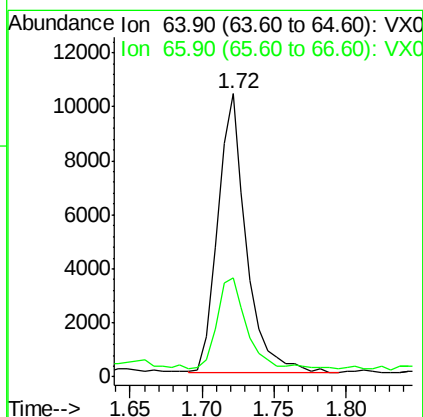
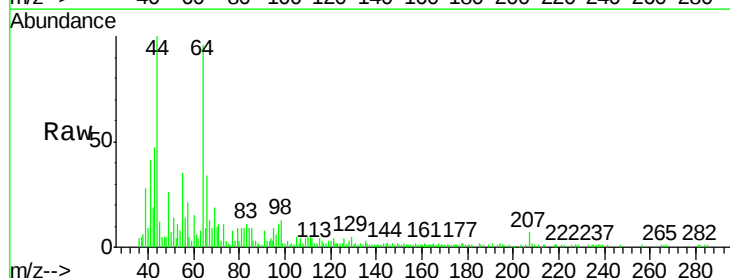
Acq: 24 May 2018 10:53

Tgt Ion: 64 Resp: 14371

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4





#7

Trichlorofluoromethane

Concen: 5.37 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

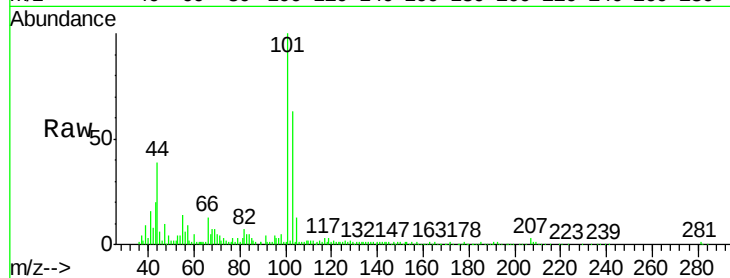
VSTDIC005

Tgt Ion:101 Resp: 37516

Ion Ratio Lower Upper

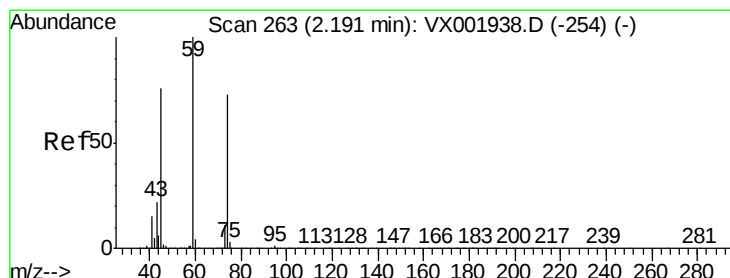
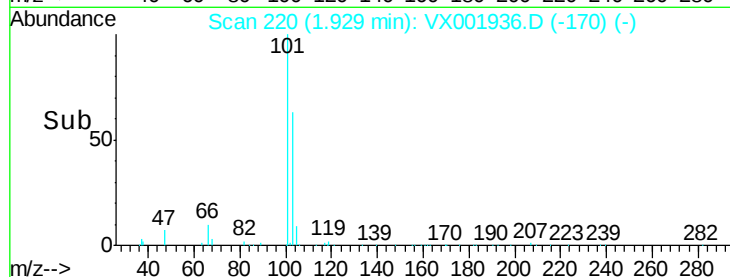
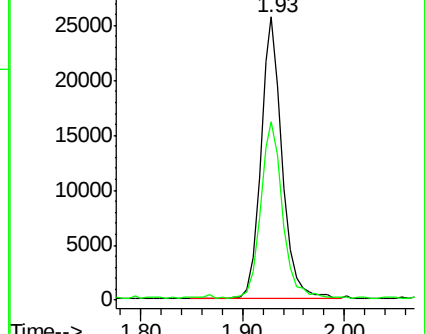
101 100

103 62.3 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.46 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001936.D

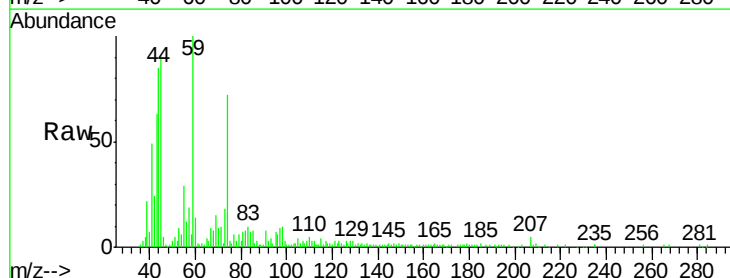
Acq: 24 May 2018 10:53

Tgt Ion: 74 Resp: 13996

Ion Ratio Lower Upper

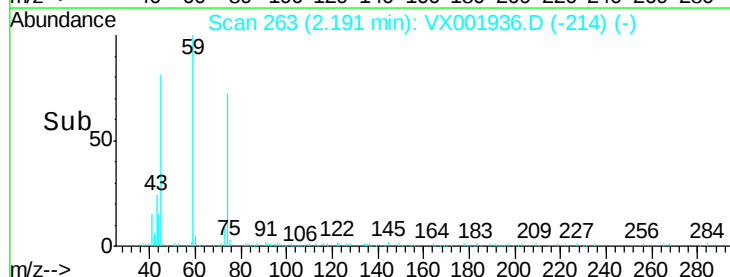
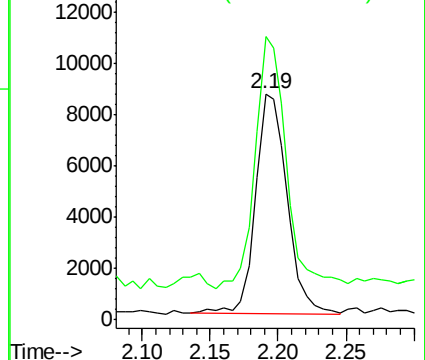
74 100

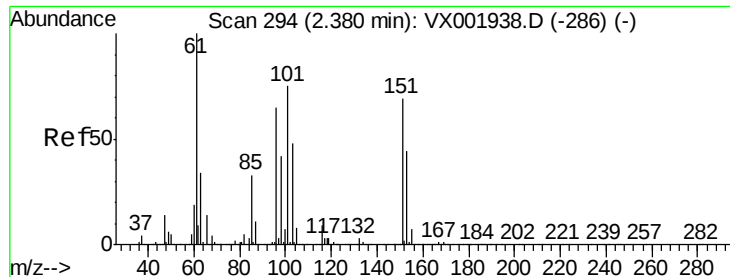
45 112.9 51.5 154.7



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: 5.42 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

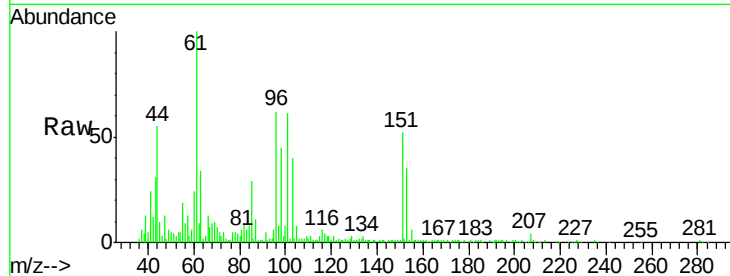
Tgt Ion:101 Resp: 20803

Ion Ratio Lower Upper

101 100

85 47.4 35.6 53.4

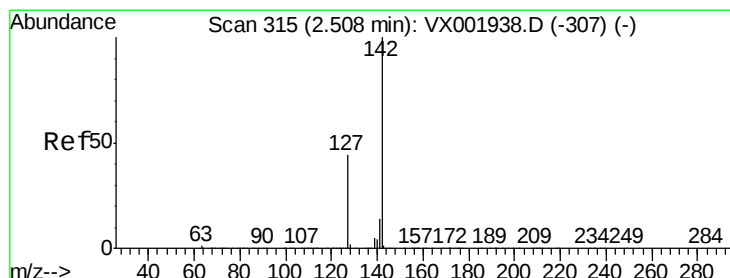
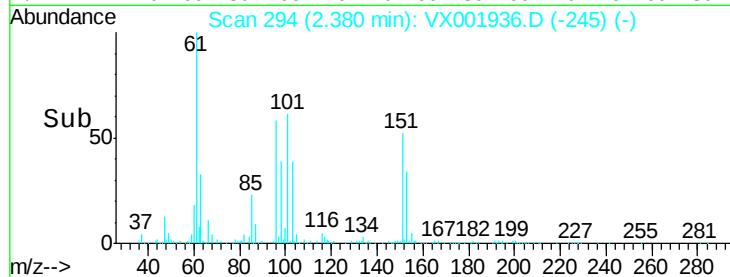
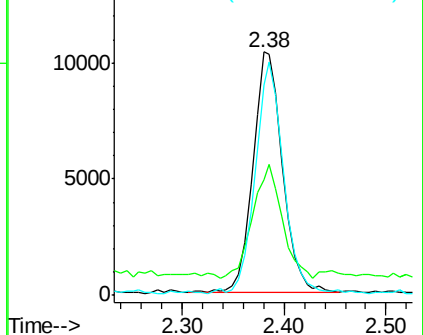
151 92.9 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.00 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

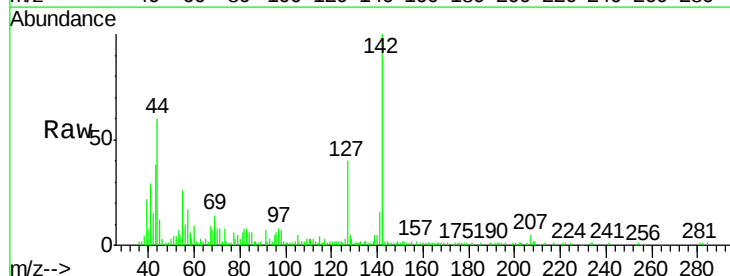
Tgt Ion:142 Resp: 23658

Ion Ratio Lower Upper

142 100

127 43.5 35.5 53.3

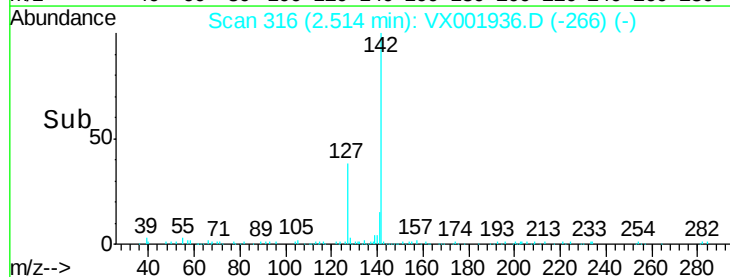
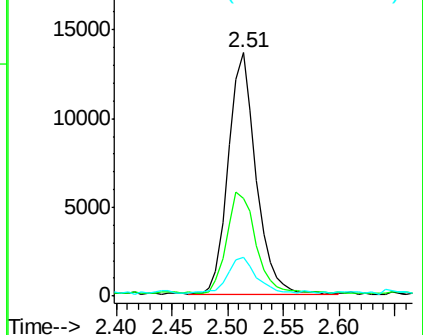
141 15.9 11.3 16.9

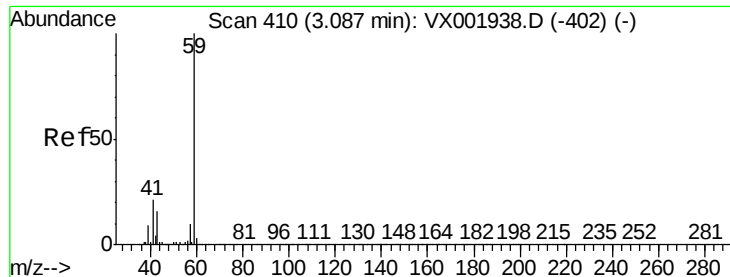


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.11 ug/l

RT: 3.09 min Scan# 411

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

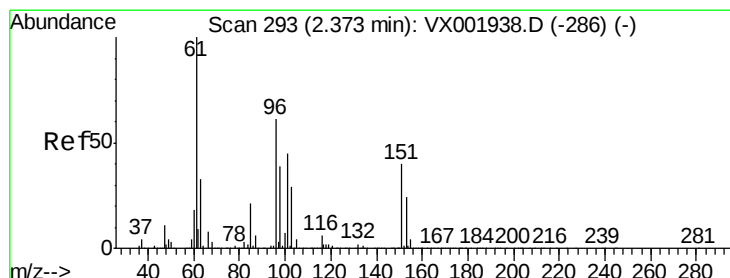
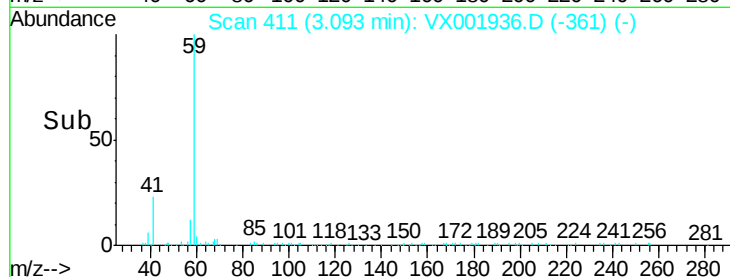
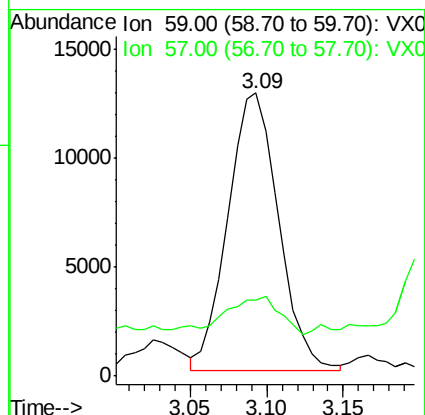
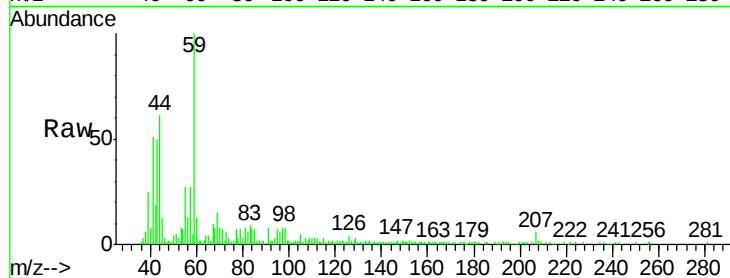
VSTDIC005

Tgt Ion: 59 Resp: 29374

Ion Ratio Lower Upper

59 100

57 14.8 8.9 13.3#



#12

1,1-Dichloroethene

Concen: 5.57 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

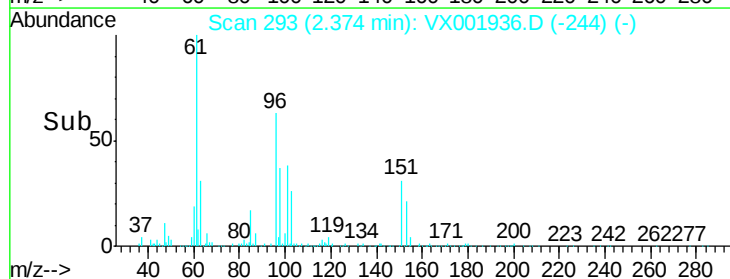
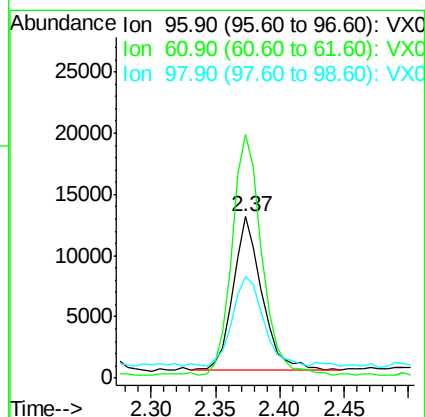
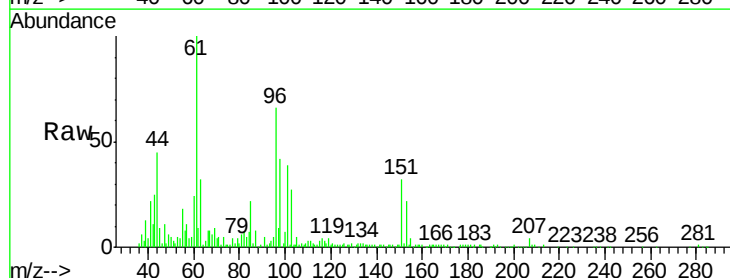
Tgt Ion: 96 Resp: 19943

Ion Ratio Lower Upper

96 100

61 154.9 131.7 197.5

98 58.4 51.6 77.4





#13

Acrolein

Concen: 33.38 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

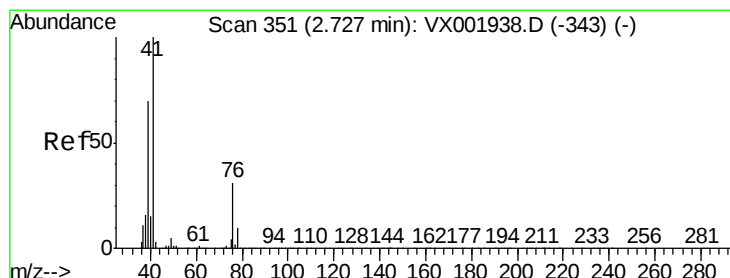
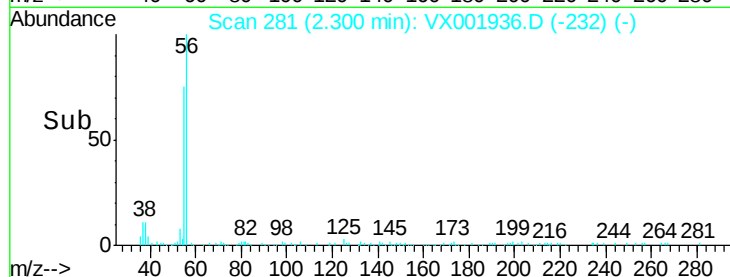
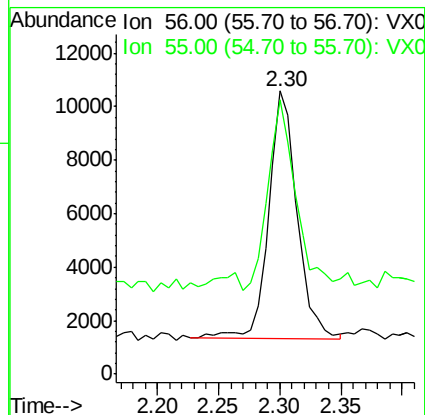
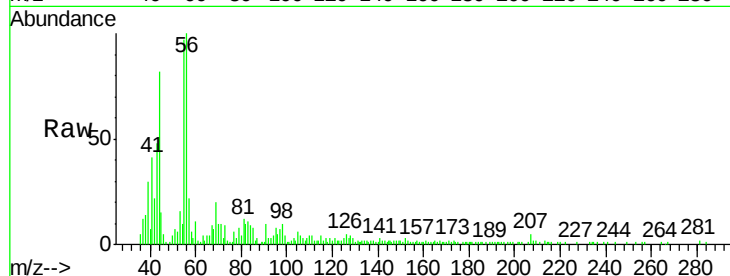
VSTDIC005

Tgt Ion: 56 Resp: 14887

Ion Ratio Lower Upper

56 100

55 80.3 56.8 85.2



#14

Allyl chloride

Concen: 5.28 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

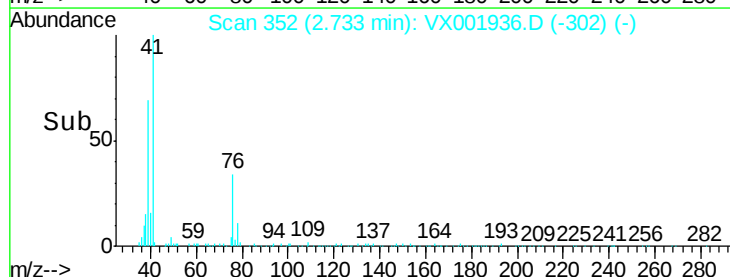
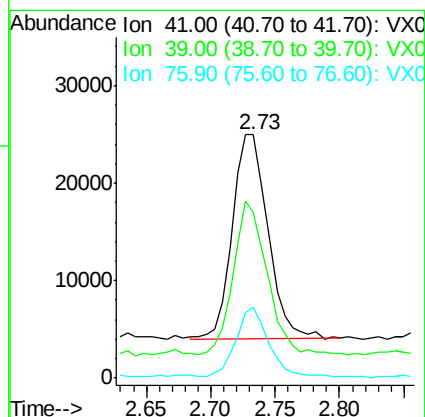
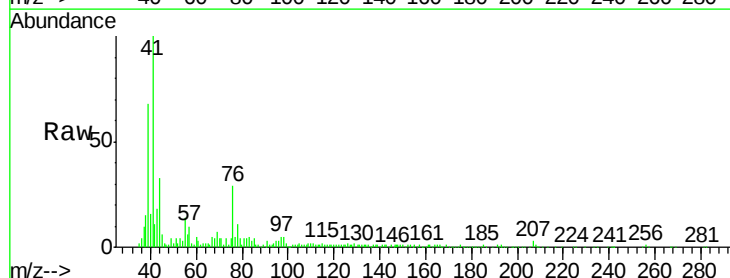
Tgt Ion: 41 Resp: 40664

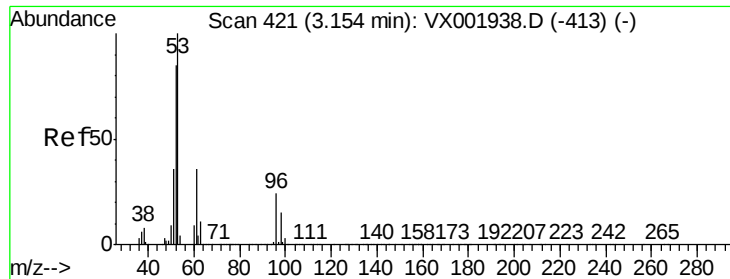
Ion Ratio Lower Upper

41 100

39 70.6 54.3 81.5

76 30.5 24.2 36.4





#15

Acrylonitrile

Concen: 25.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

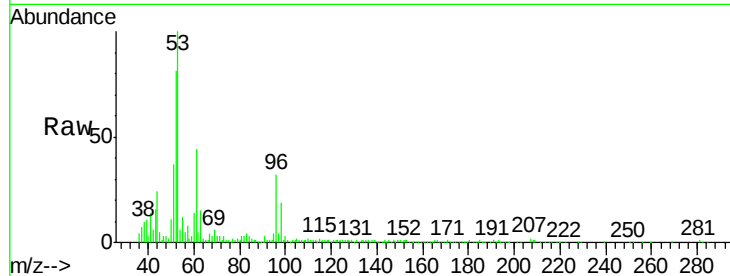
Tgt Ion: 53 Resp: 59541

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

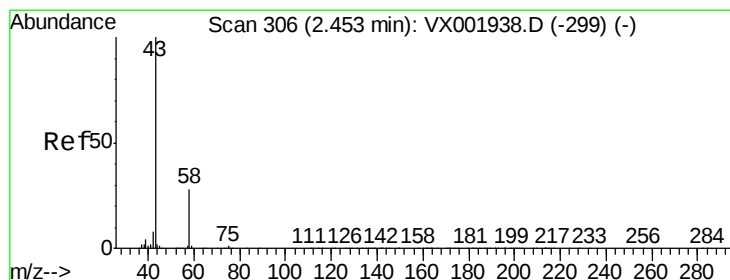
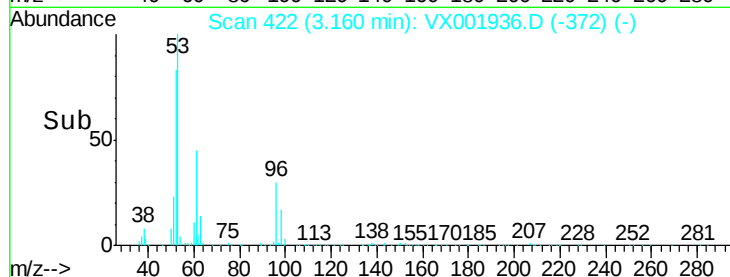
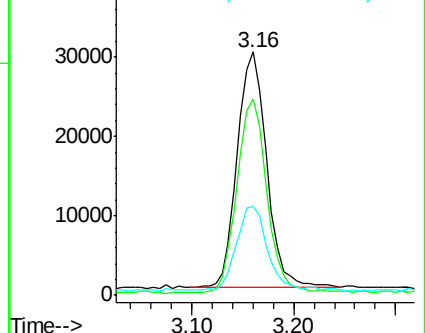
51 39.5 29.3 43.9



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: 26.92 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001936.D

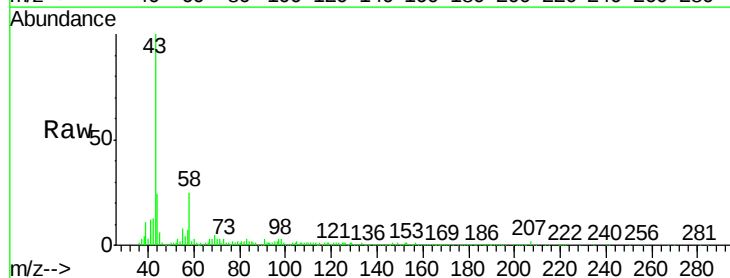
Acq: 24 May 2018 10:53

Tgt Ion: 43 Resp: 58125

Ion Ratio Lower Upper

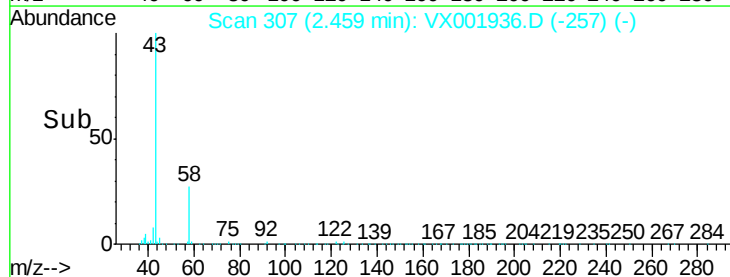
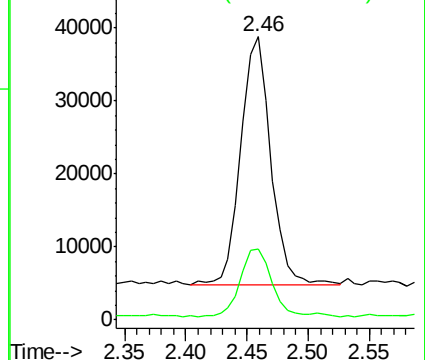
43 100

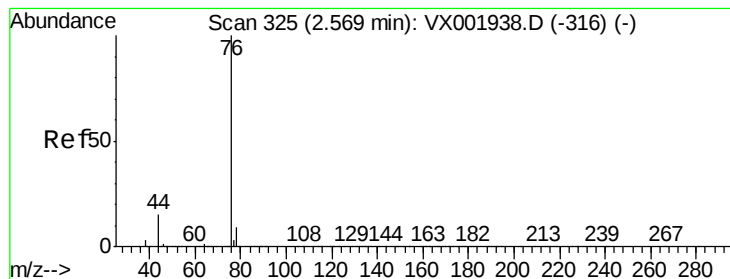
58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.29 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

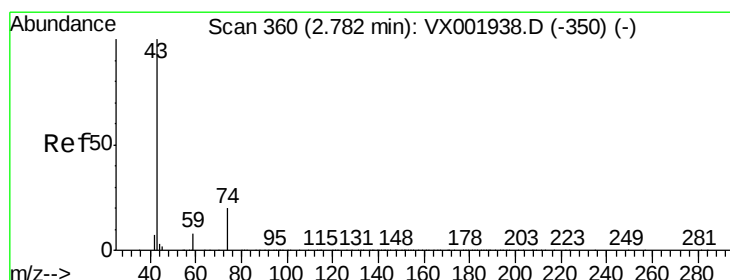
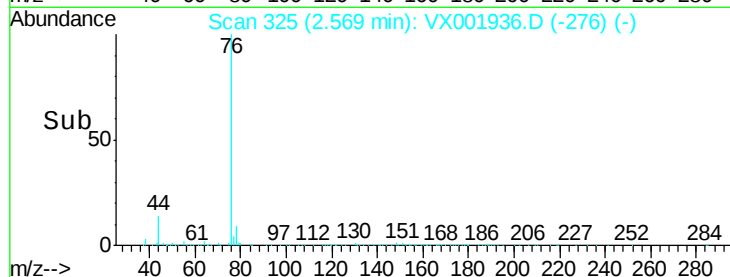
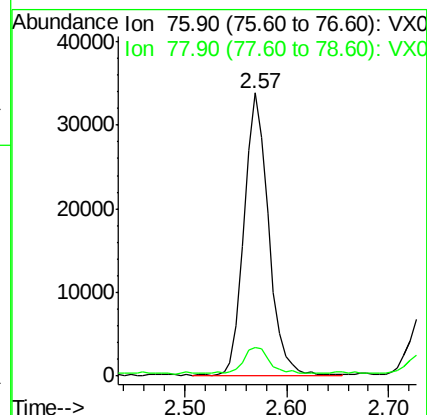
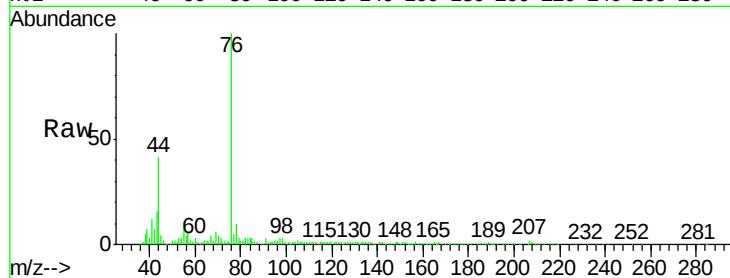
VSTDIC005

Tgt Ion: 76 Resp: 55371

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 5.44 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001936.D

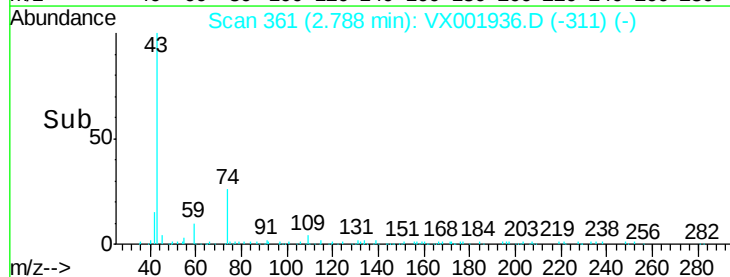
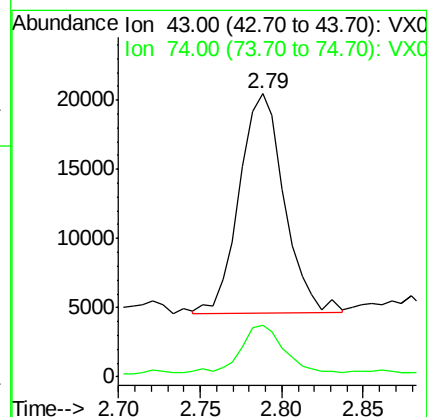
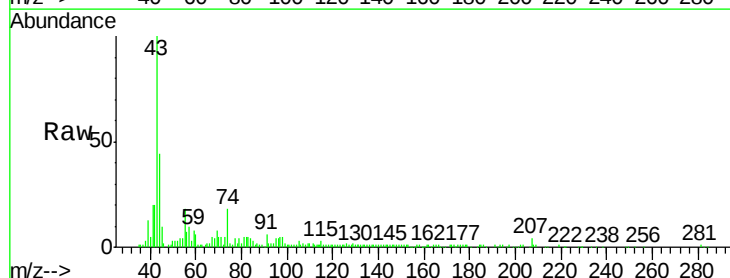
Acq: 24 May 2018 10:53

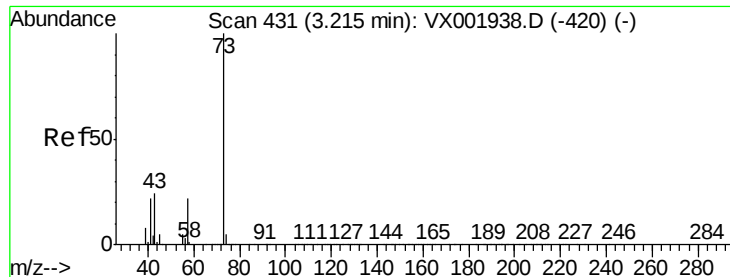
Tgt Ion: 43 Resp: 30364

Ion Ratio Lower Upper

43 100

74 21.9 16.8 25.2

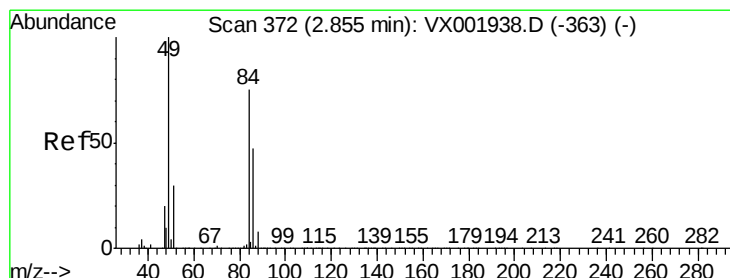
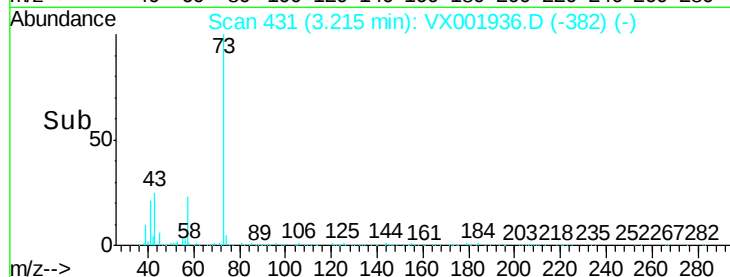
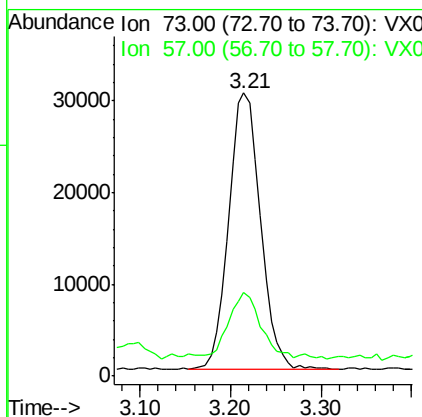
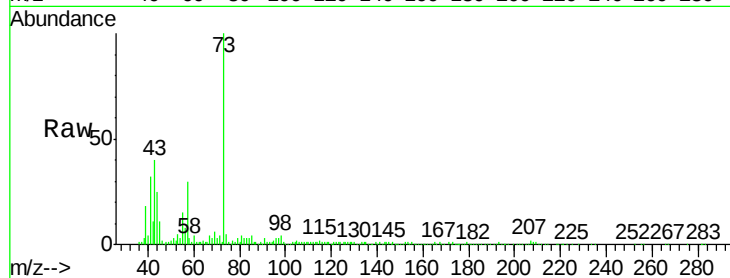




#19
Methyl tert-butyl Ether
Concen: 5.30 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

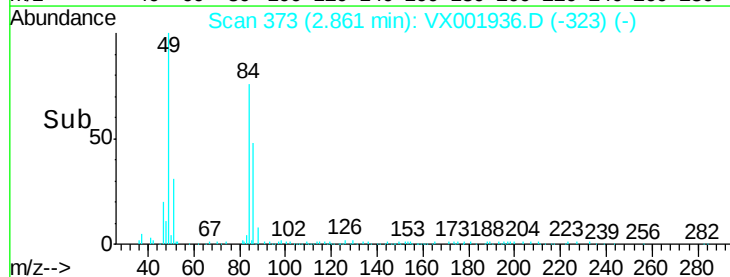
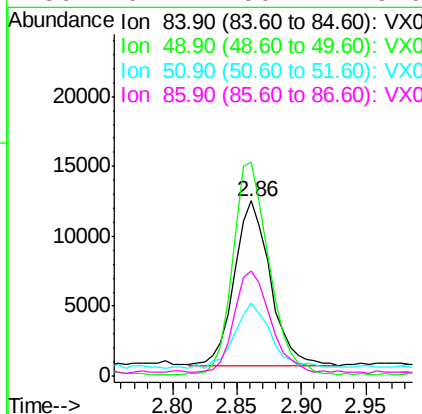
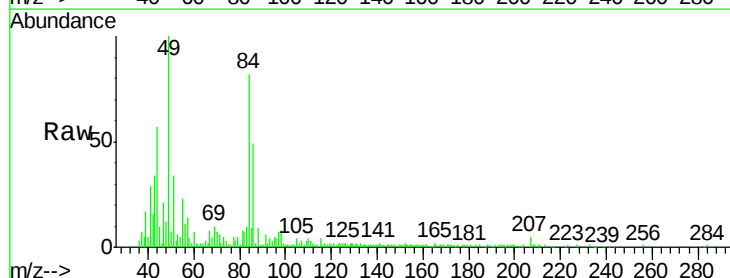
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

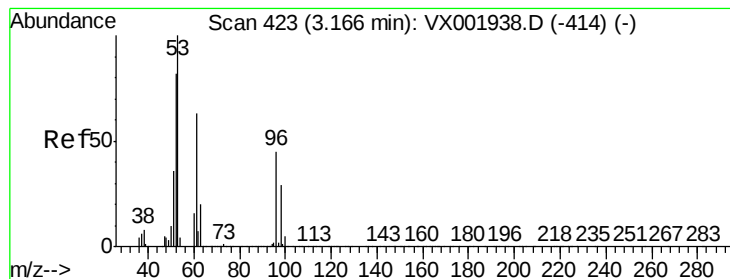
Tgt Ion: 73 Resp: 73160
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 5.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion: 84 Resp: 23097
Ion Ratio Lower Upper
84 100
49 128.3 107.2 160.8
51 39.7 32.4 48.6
86 61.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 5.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

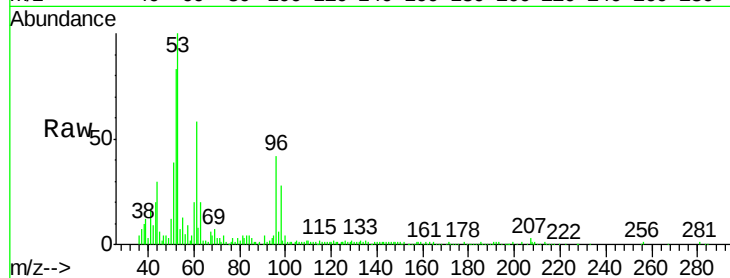
Tgt Ion: 96 Resp: 20715

Ion Ratio Lower Upper

96 100

61 144.9 113.3 169.9

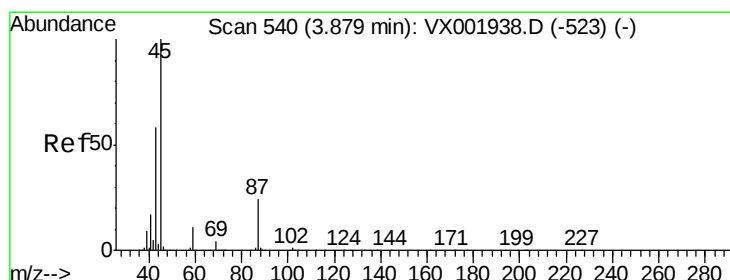
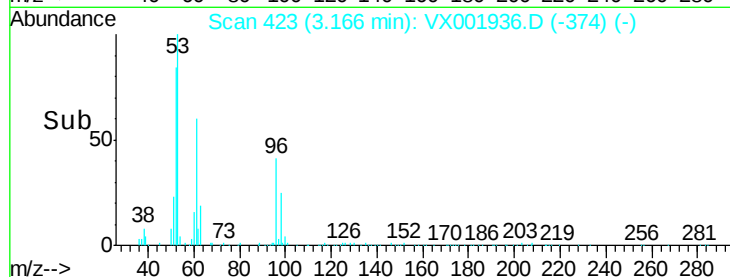
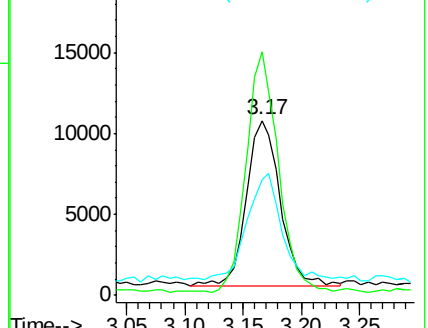
98 59.6 51.7 77.5



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: 5.32 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Tgt Ion: 45 Resp: 85961

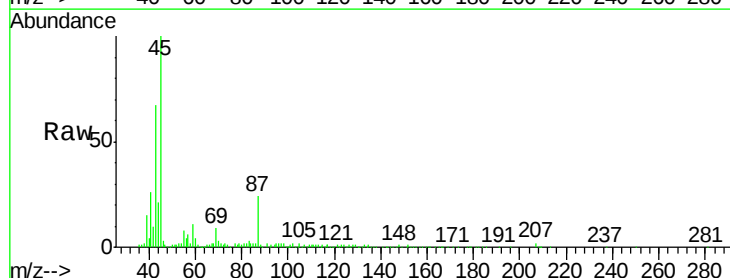
Ion Ratio Lower Upper

45 100

43 56.6 47.0 70.6

87 24.5 19.4 29.0

59 10.9 8.5 12.7

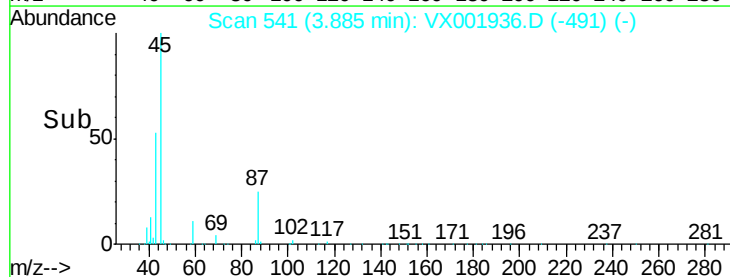
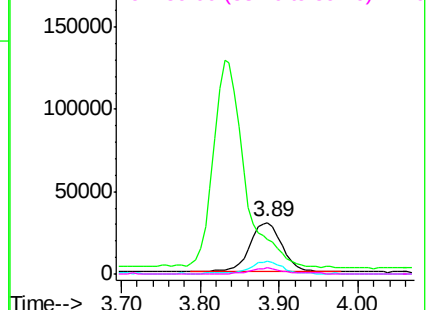


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

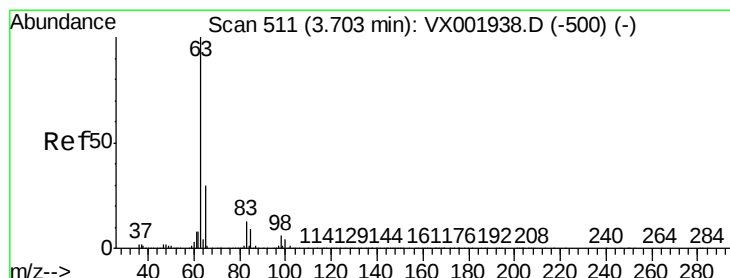
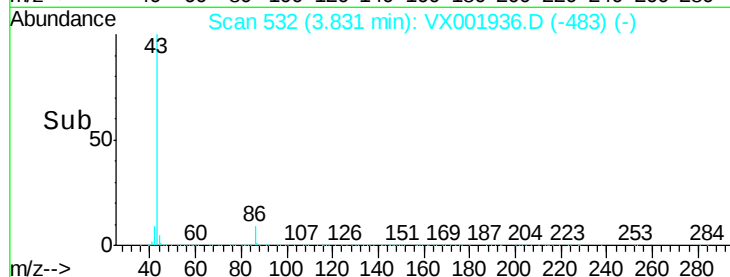
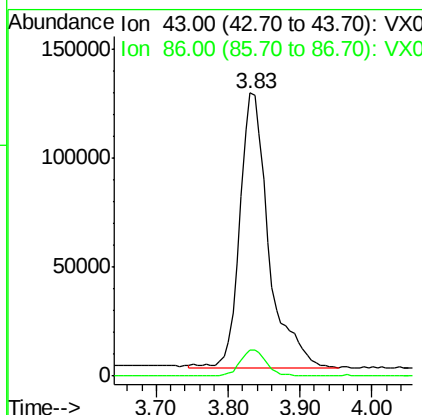
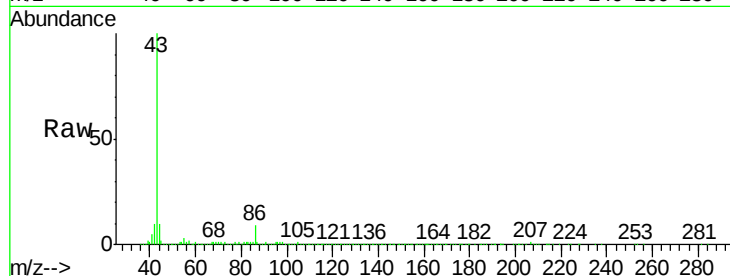




#23
 Vinyl Acetate
 Concen: 26.58 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

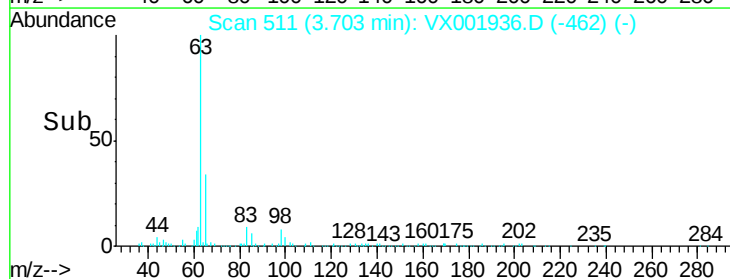
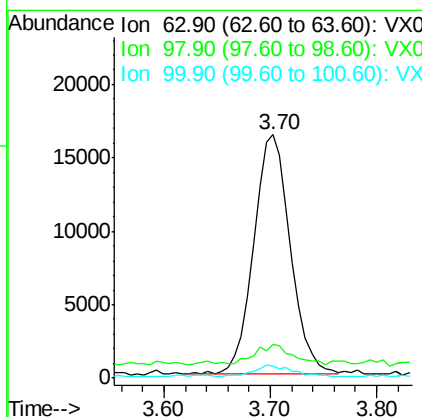
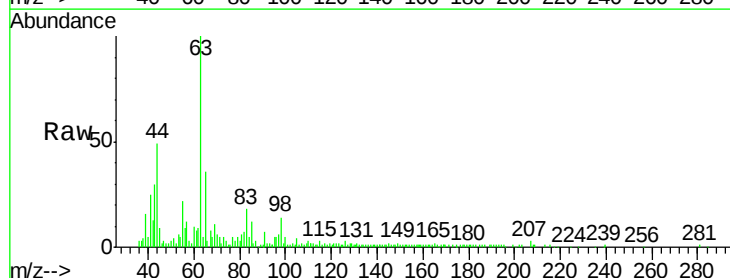
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

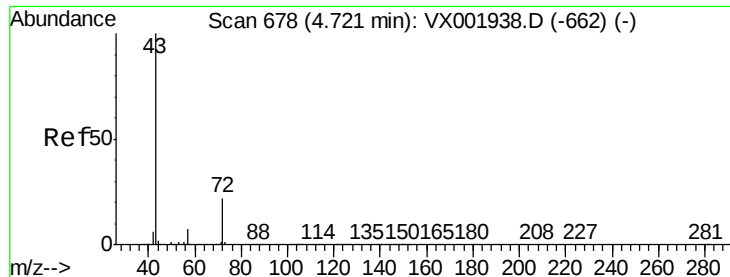
Tgt Ion: 43 Resp: 349181
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 5.24 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Tgt Ion: 63 Resp: 38973
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 25.92 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

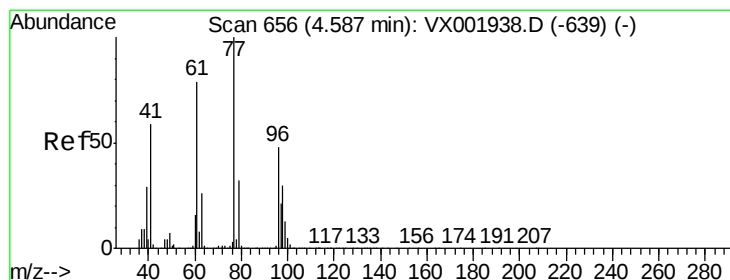
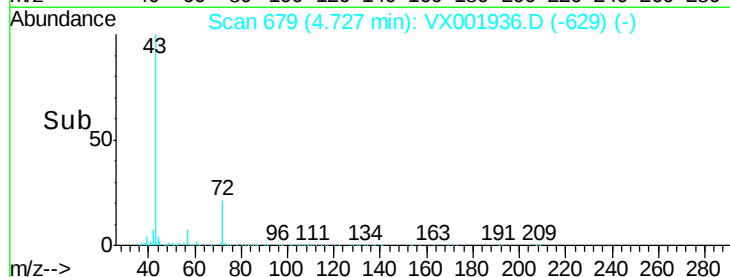
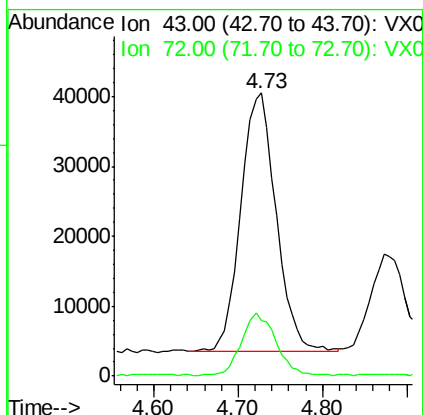
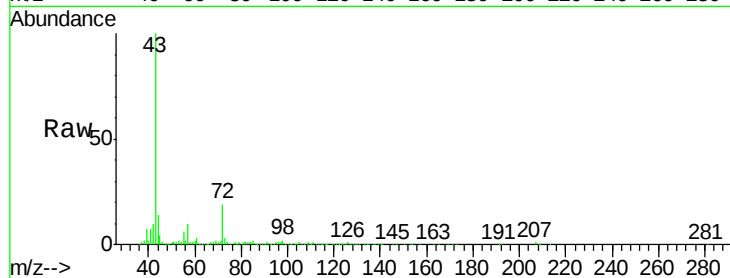
VSTDIC005

Tgt Ion: 43 Resp: 105580

Ion Ratio Lower Upper

43 100

72 20.8 17.9 26.9



#26

2,2-Dichloropropane

Concen: 5.50 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001936.D

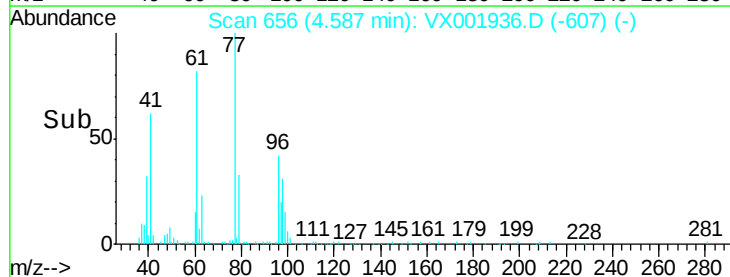
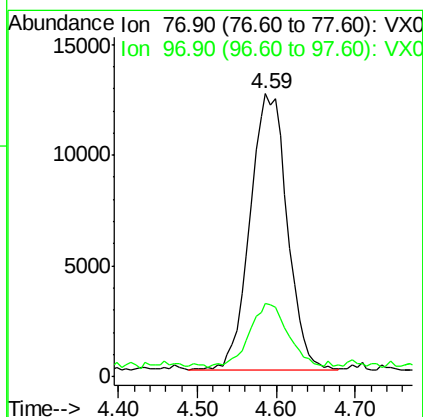
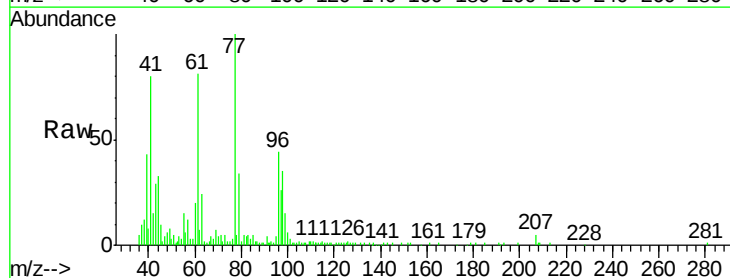
Acq: 24 May 2018 10:53

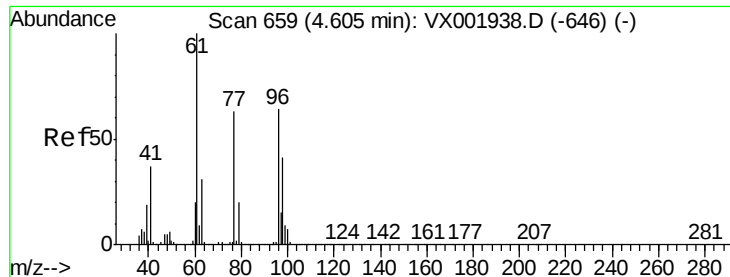
Tgt Ion: 77 Resp: 40612

Ion Ratio Lower Upper

77 100

97 24.4 11.2 33.5



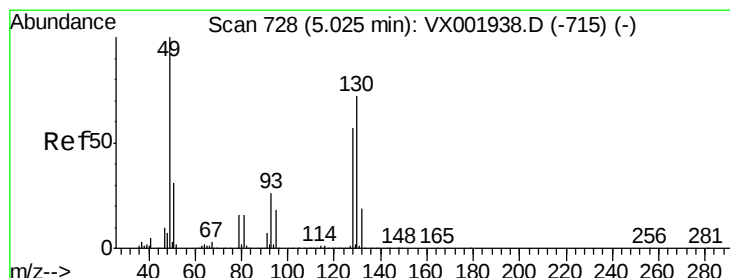
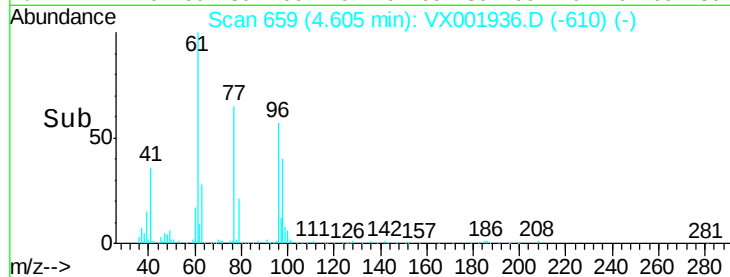
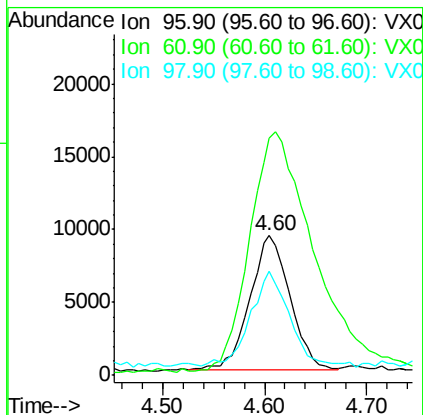
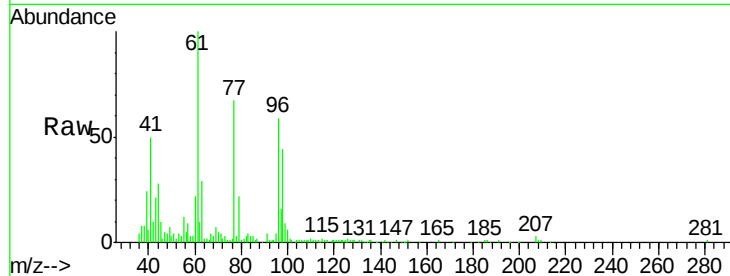


#27

cis-1,2-Dichloroethene
Concen: 5.23 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

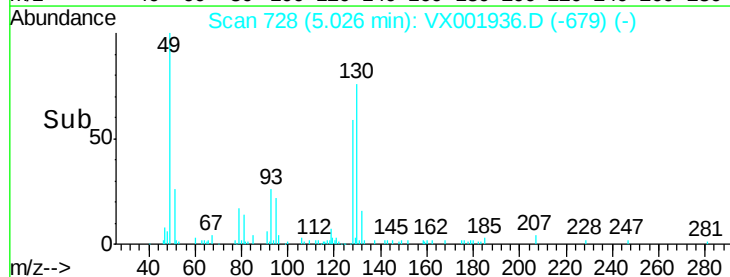
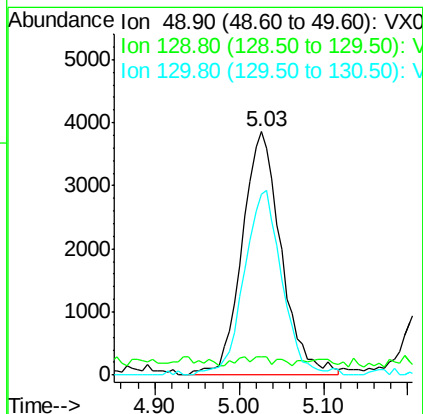
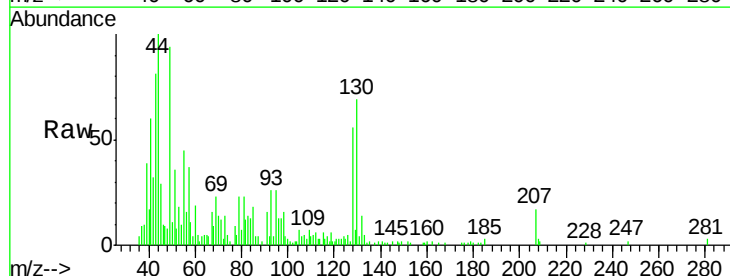
Tgt Ion	Ratio	Lower	Upper
96	100		
61	287.4	0.0	348.4
98	72.7	0.0	128.6

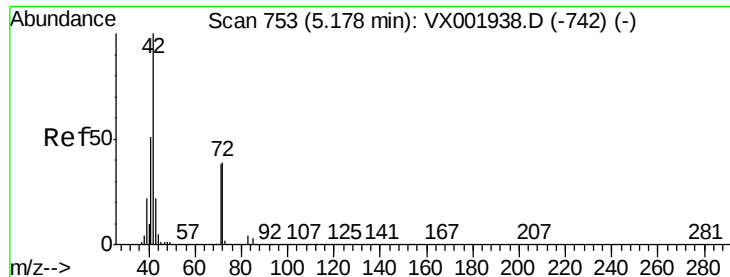


#28

Bromochloromethane
Concen: 3.58 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	73.2	59.4	89.2





#29

Tetrahydrofuran

Concen: 26.36 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

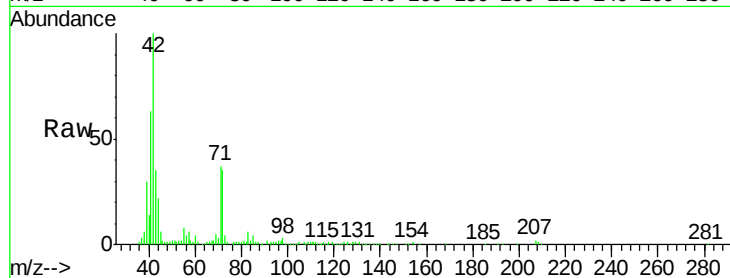
Tgt Ion: 42 Resp: 69378

Ion Ratio Lower Upper

42 100

72 38.6 31.4 47.0

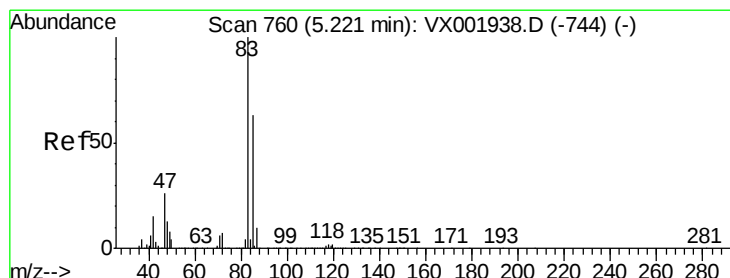
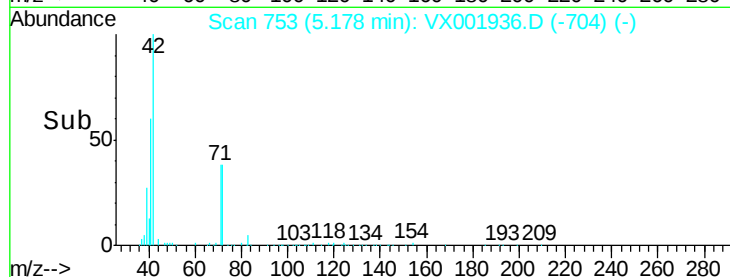
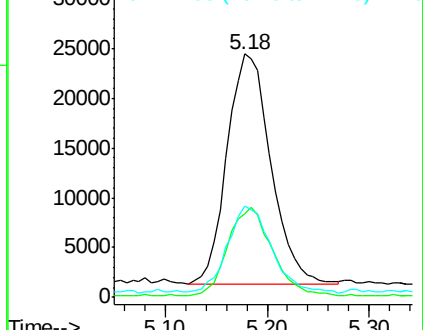
71 37.5 29.5 44.3



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: 5.33 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001936.D

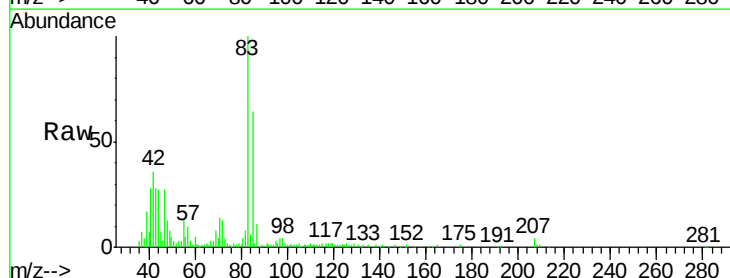
Acq: 24 May 2018 10:53

Tgt Ion: 83 Resp: 43884

Ion Ratio Lower Upper

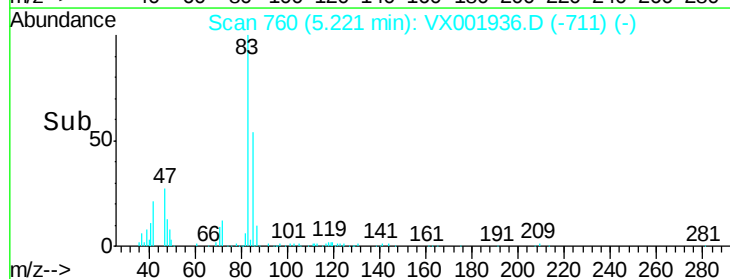
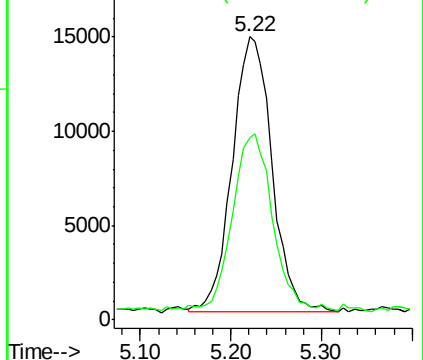
83 100

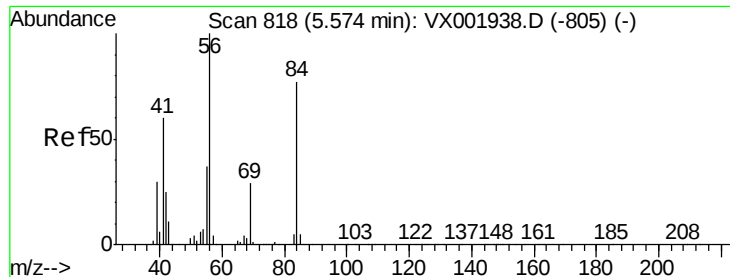
85 63.2 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

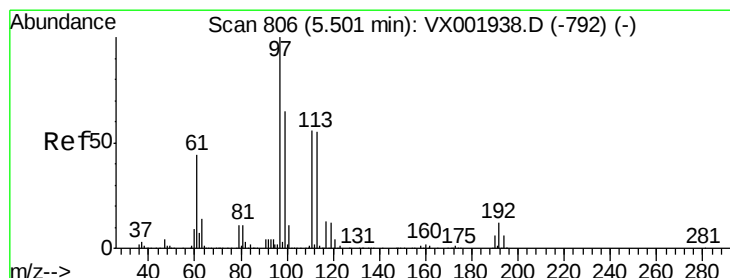
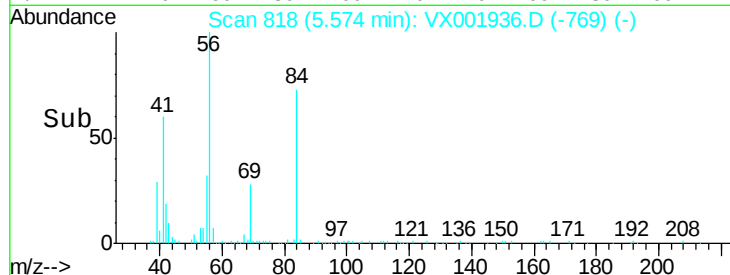
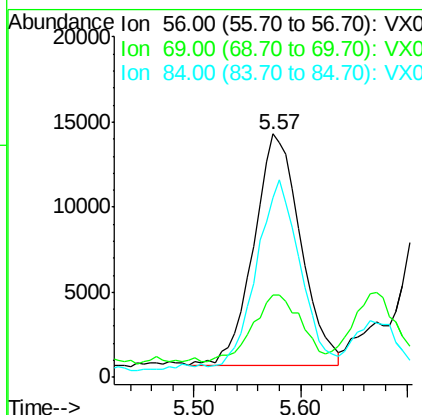
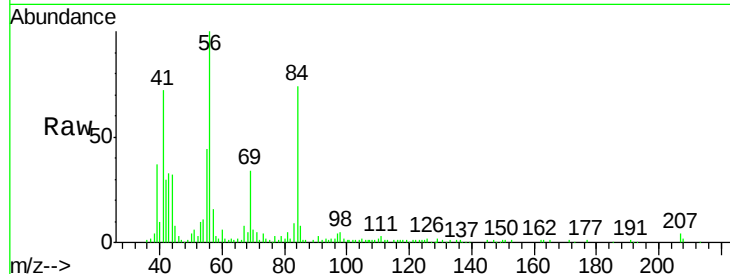




#31
Cyclohexane
Concen: 5.50 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

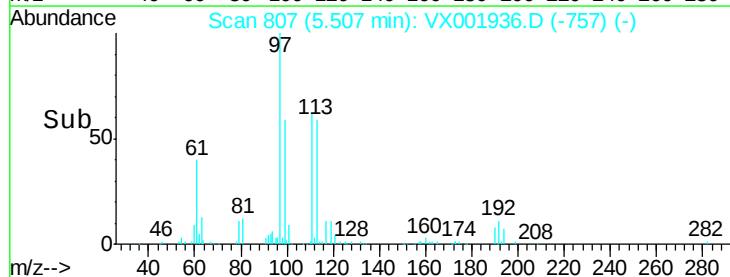
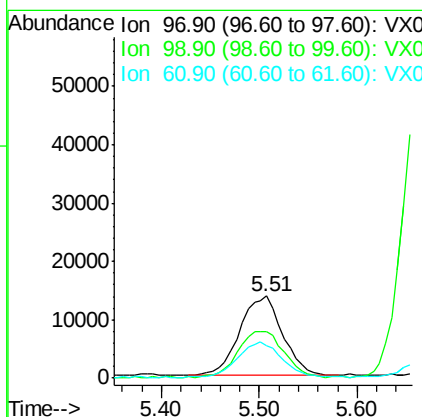
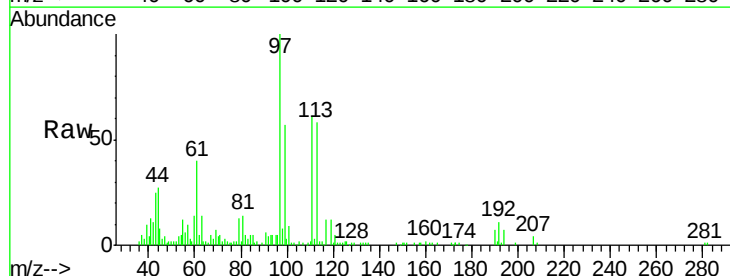
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

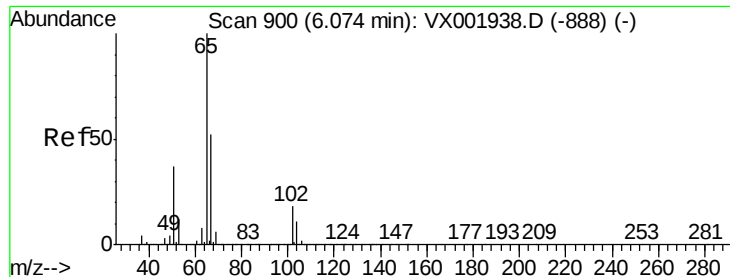
Tgt Ion	Resp	Lower	Upper
56	41853		
69	28.2	23.1	34.7
84	72.7	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 5.27 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion	Resp	Lower	Upper
97	41129		
99	62.9	51.9	77.9
61	46.1	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 5.46 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

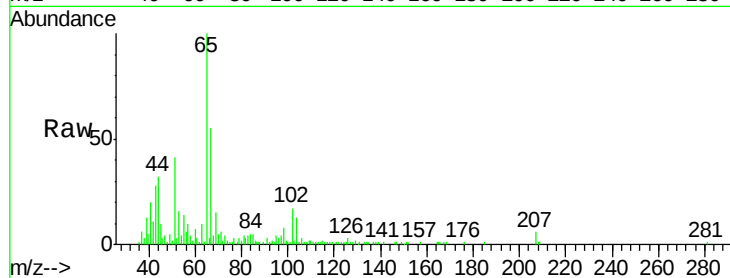
VSTDIC005

Tgt Ion: 65 Resp: 31187

Ion Ratio Lower Upper

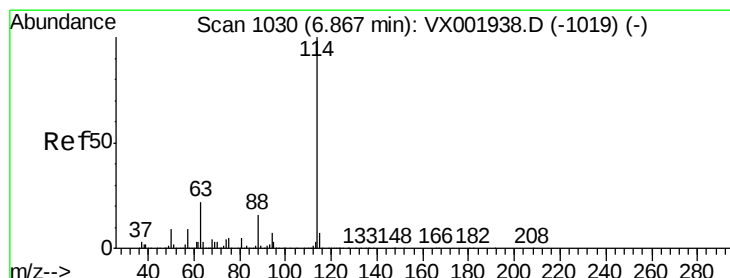
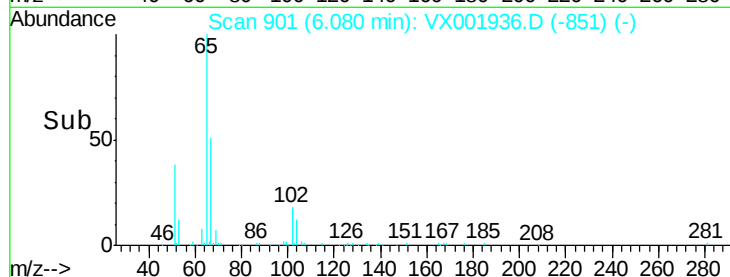
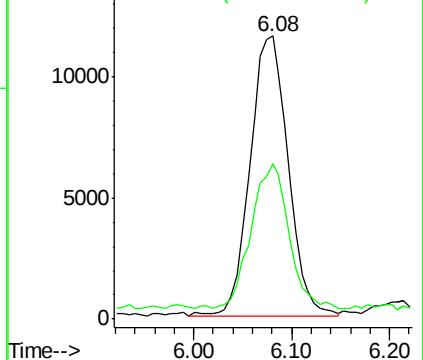
65 100

67 51.8 0.0 104.0



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: VX001936.D

Acq: 24 May 2018 10:53

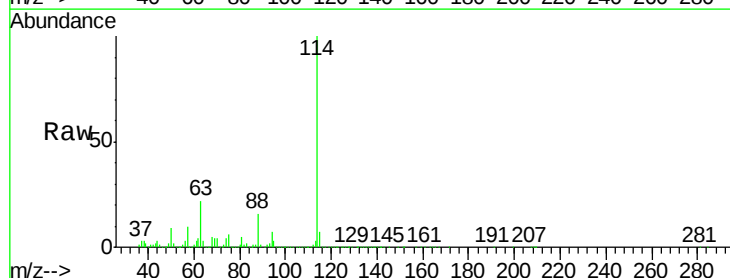
Tgt Ion: 114 Resp: 452916

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

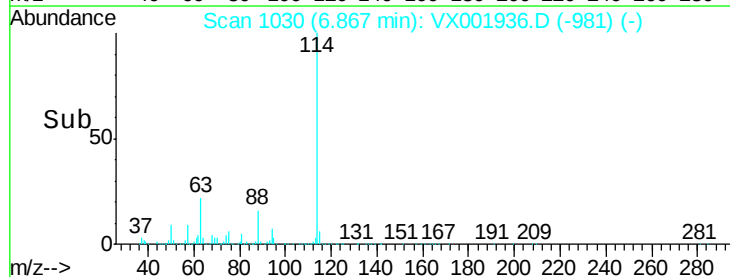
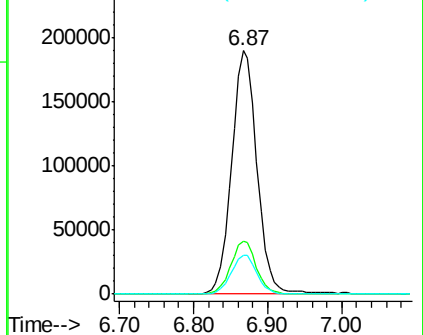
88 15.8 0.0 31.6

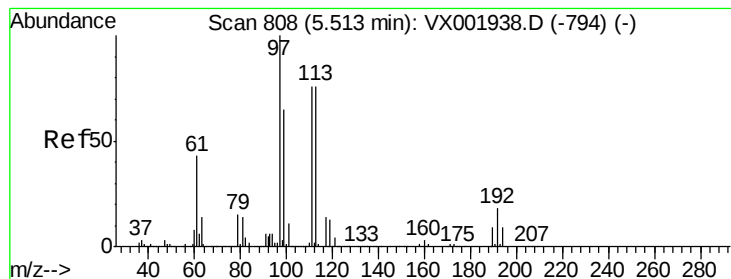


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.62 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

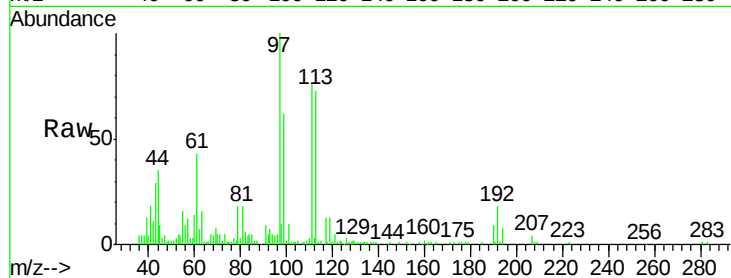
Tgt Ion:113 Resp: 24826

Ion Ratio Lower Upper

113 100

111 97.9 82.0 123.0

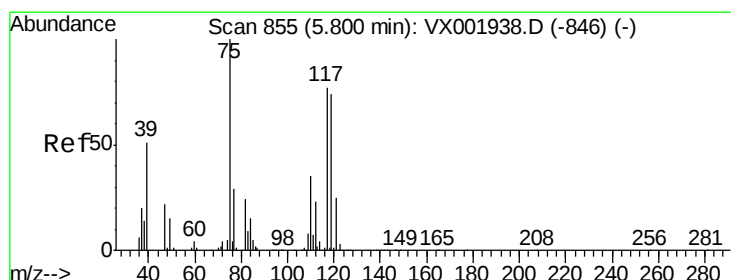
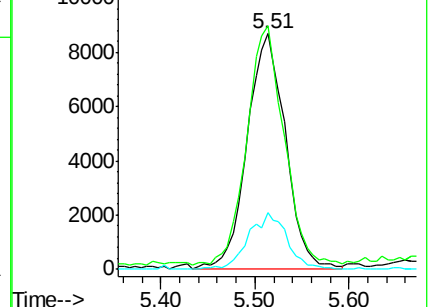
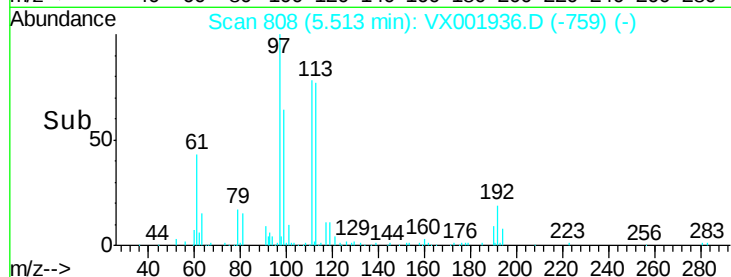
192 24.0 18.9 28.3



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: 5.08 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

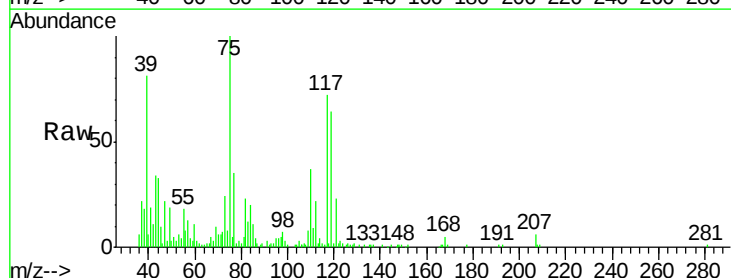
Tgt Ion: 75 Resp: 30703

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.2

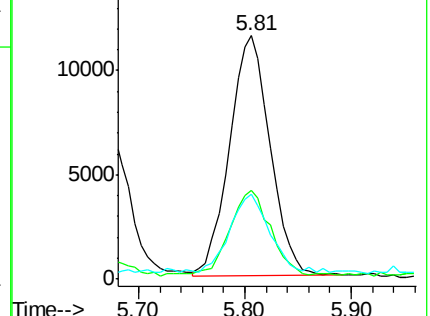
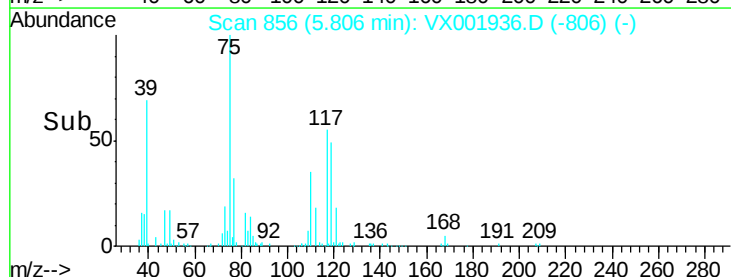
77 31.9 24.4 36.6

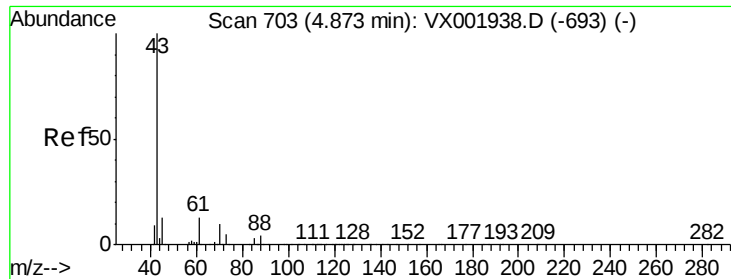


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

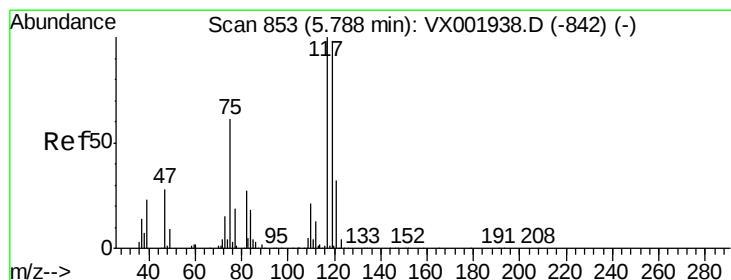
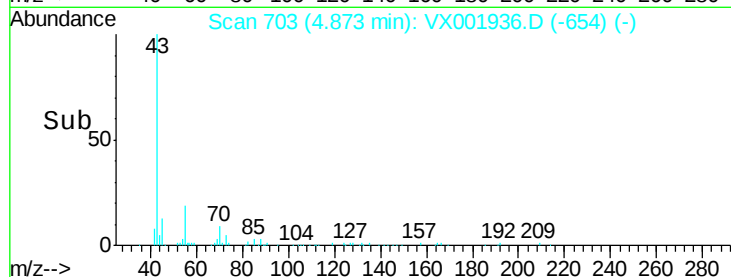
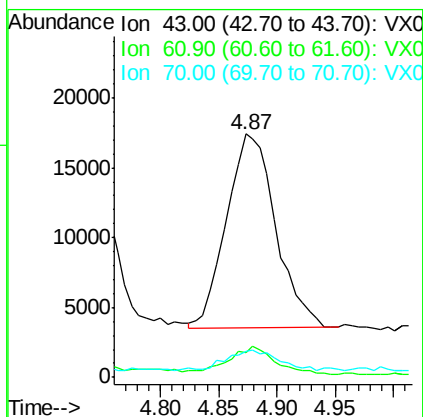
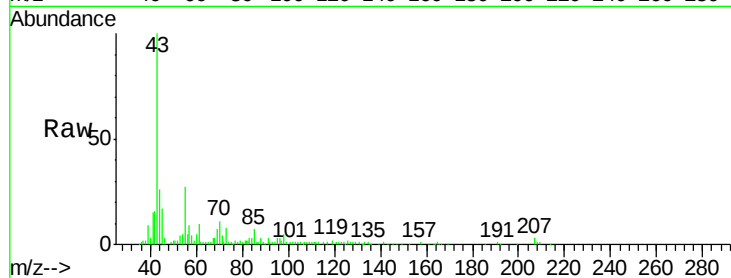




#37
Ethyl Acetate
Concen: 5.09 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

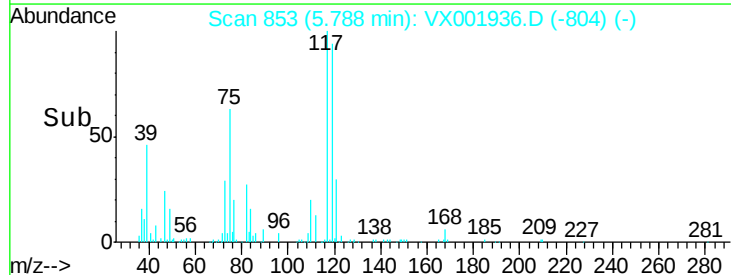
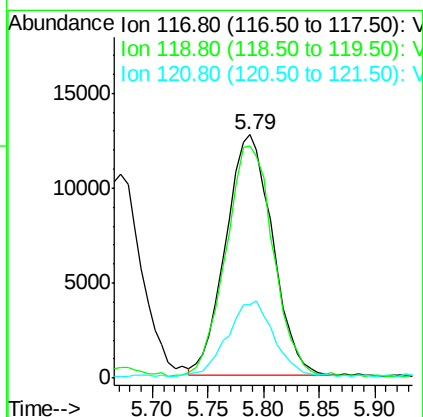
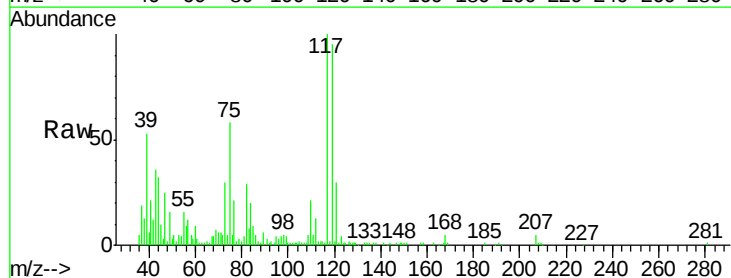
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

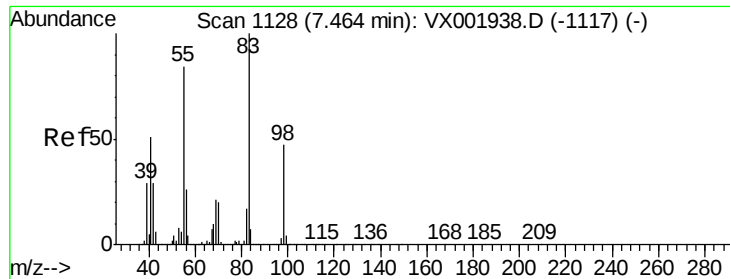
Tgt Ion: 43 Resp: 40694
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion: 117 Resp: 36989
Ion Ratio Lower Upper
117 100
119 95.6 78.5 117.7
121 29.8 25.5 38.3

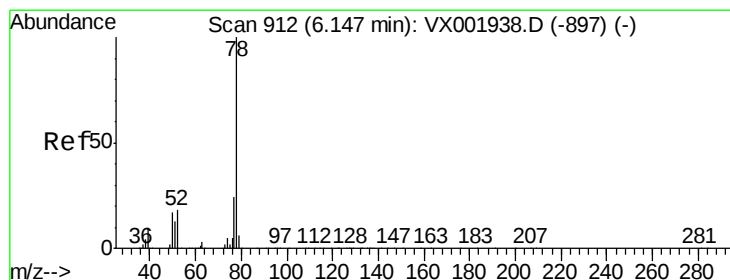
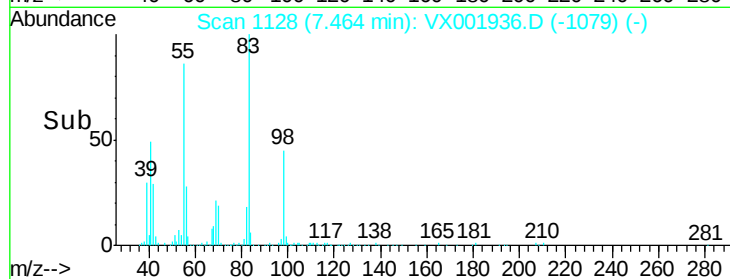
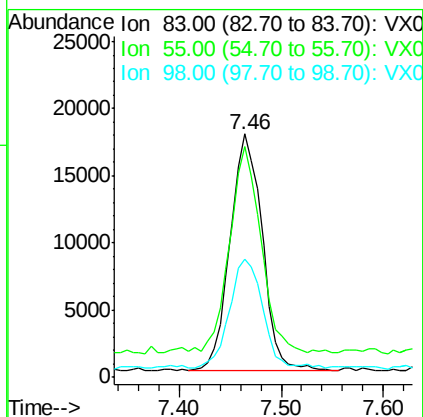
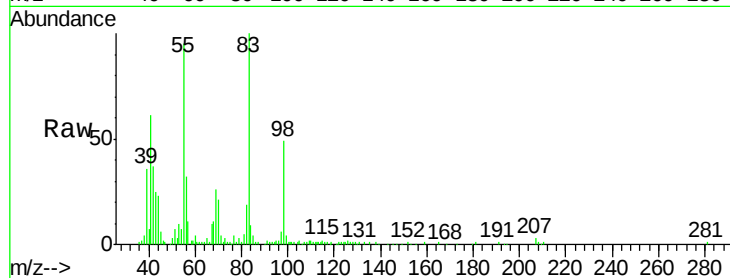




#39
Methylcyclohexane
Concen: 5.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

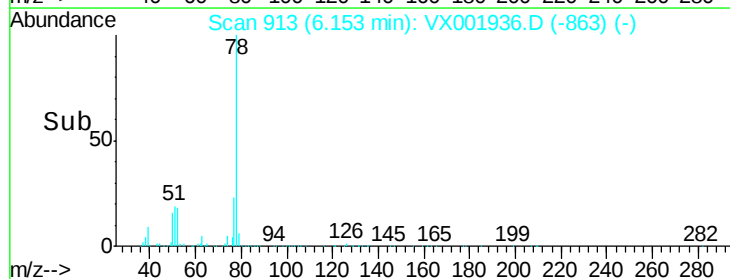
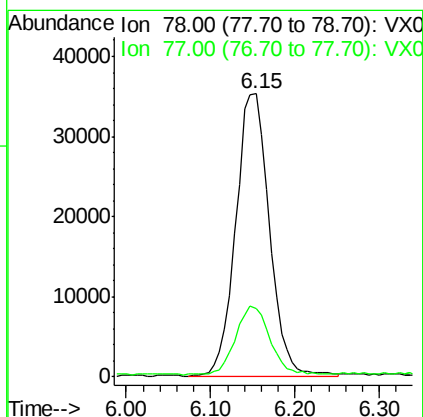
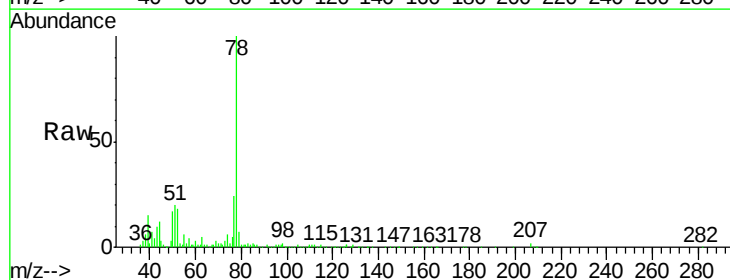
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

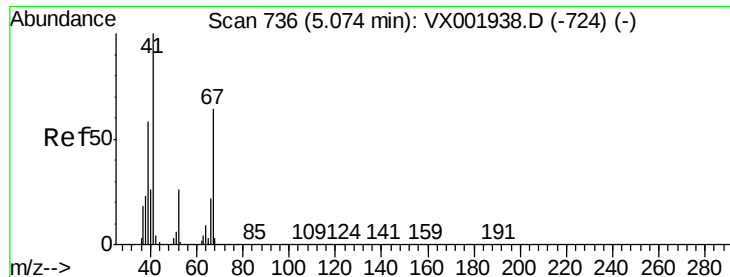
Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.1	67.3	100.9
98	46.4	37.5	56.3



#40
Benzene
Concen: 5.29 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 5.42 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 24094

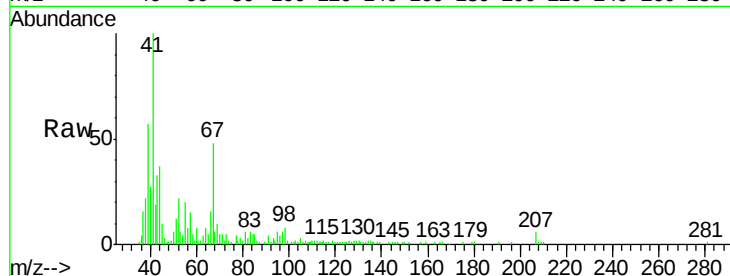
Ion Ratio Lower Upper

41 100

39 57.8 46.0 69.0

67 62.9 50.6 75.8

52 27.5 21.9 32.9

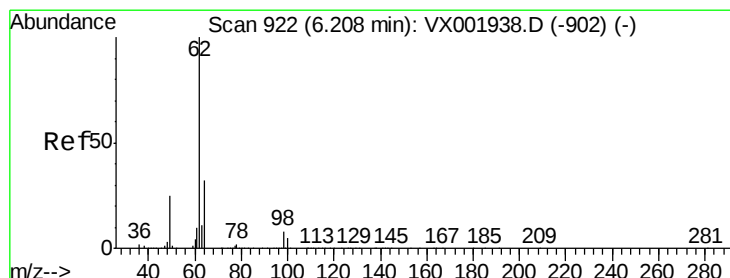
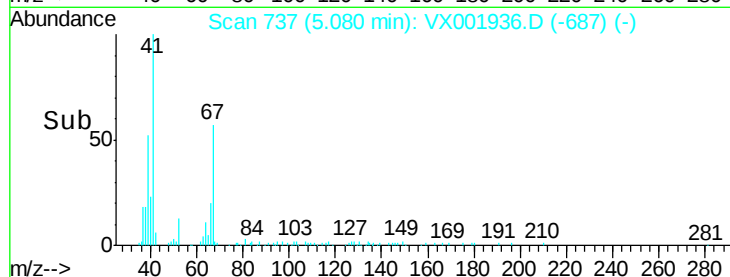
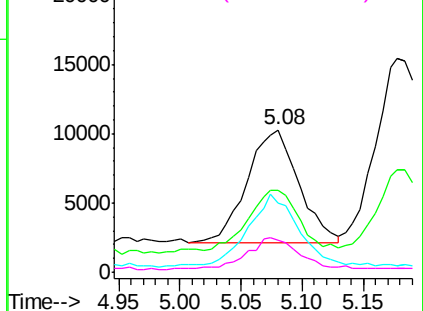


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.28 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001936.D

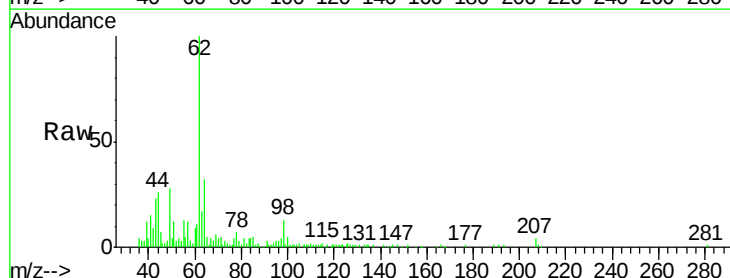
Acq: 24 May 2018 10:53

Tgt Ion: 62 Resp: 36987

Ion Ratio Lower Upper

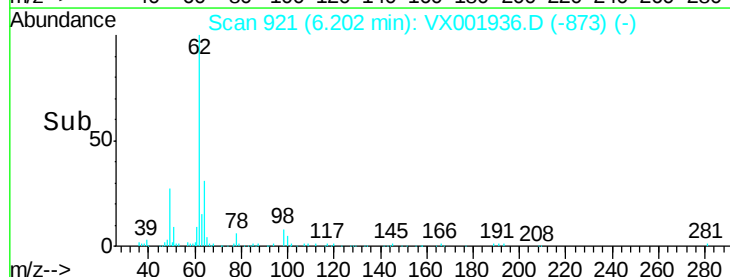
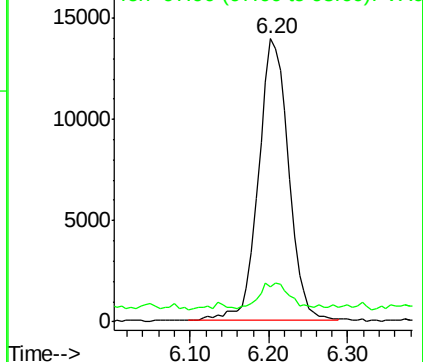
62 100

98 9.6 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

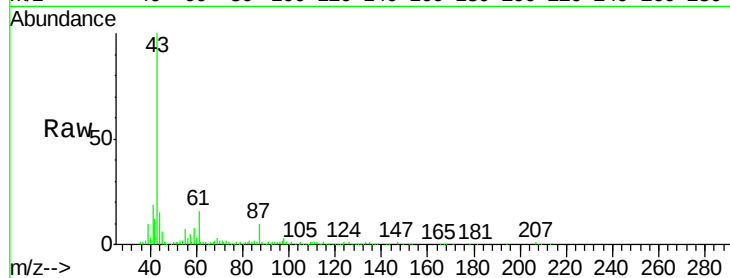
Tgt Ion: 43 Resp: 69794

Ion Ratio Lower Upper

43 100

61 17.6 14.5 21.7

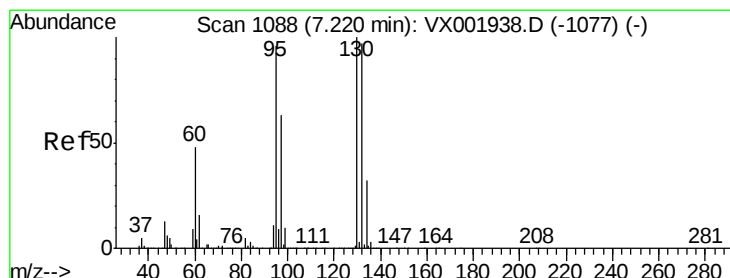
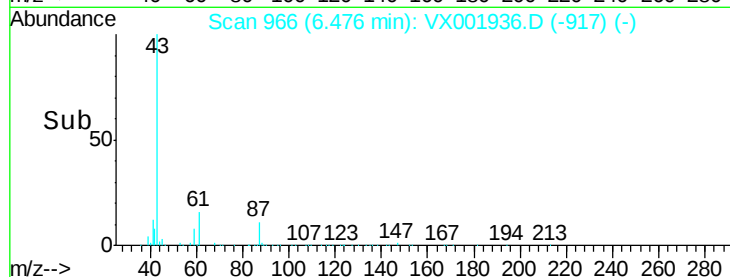
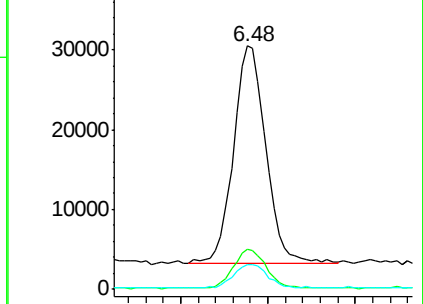
87 11.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX001936.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX001936.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX001936.D (-917) (-)



#44

Trichloroethene

Concen: 5.18 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001936.D

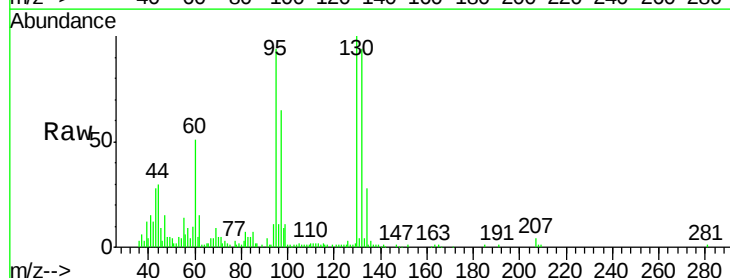
Acq: 24 May 2018 10:53

Tgt Ion: 130 Resp: 26860

Ion Ratio Lower Upper

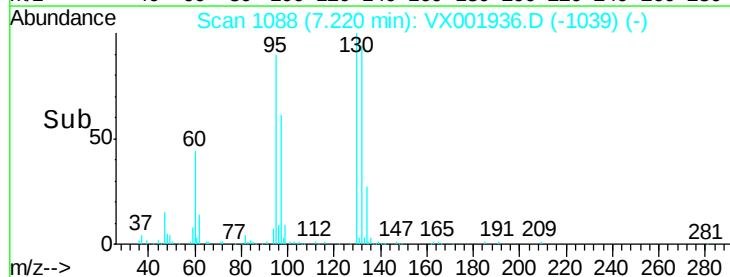
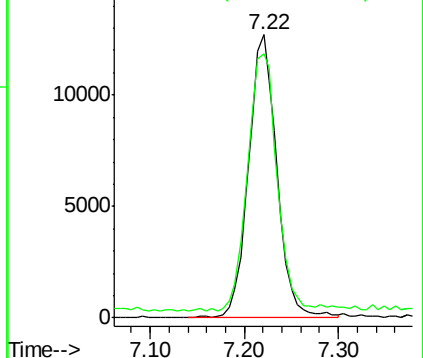
130 100

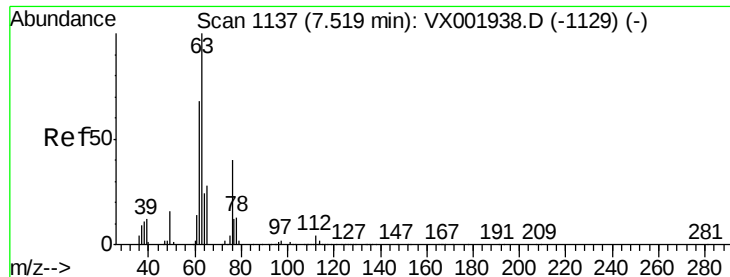
95 91.3 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VX001936.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX001936.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 5.12 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

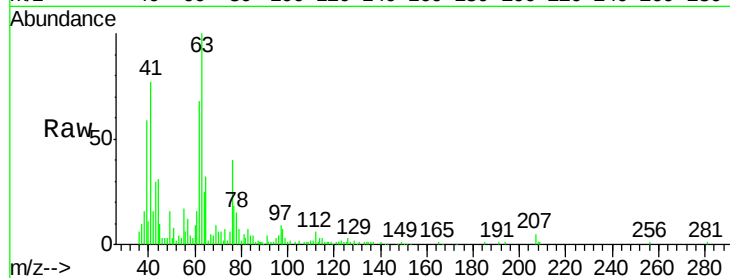
VSTDIC005

Tgt Ion: 63 Resp: 24496

Ion Ratio Lower Upper

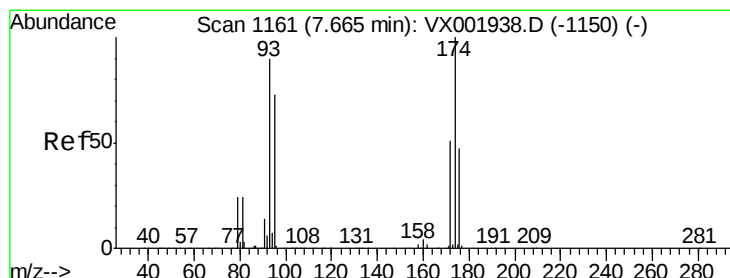
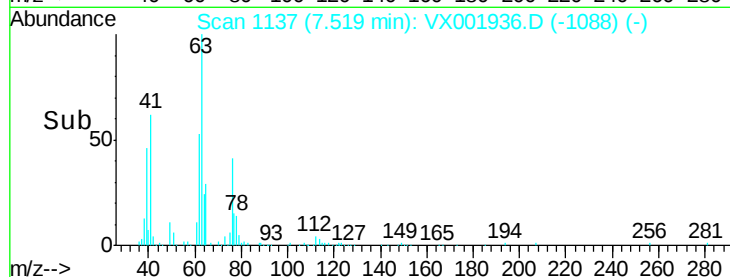
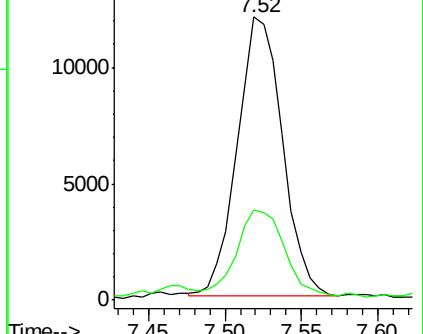
63 100

65 30.5 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.13 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

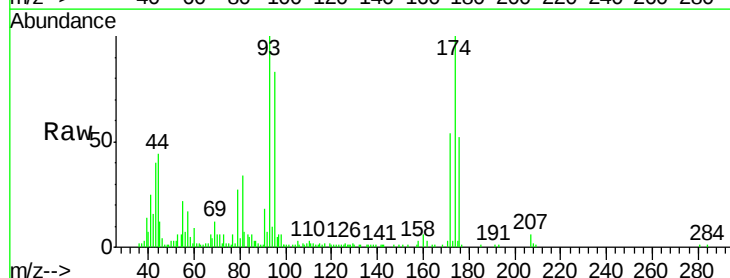
Tgt Ion: 93 Resp: 16565

Ion Ratio Lower Upper

93 100

95 87.5 66.1 99.1

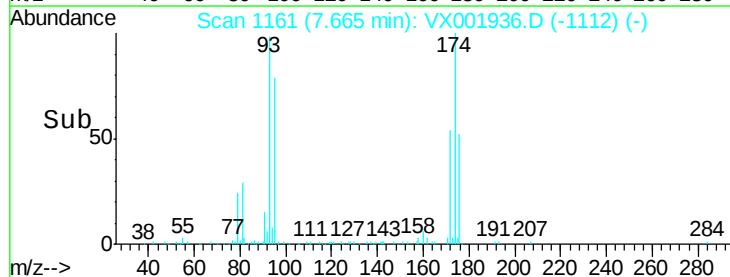
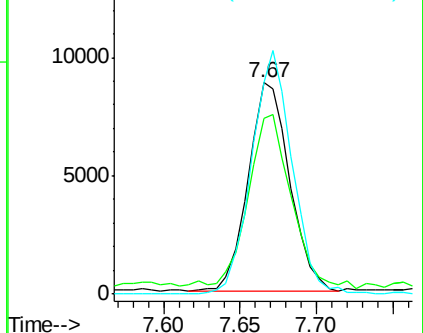
174 114.7 92.5 138.7

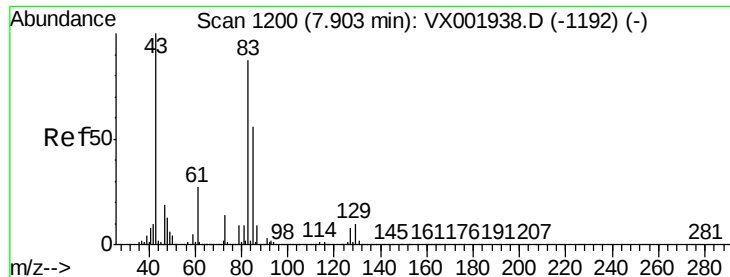


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

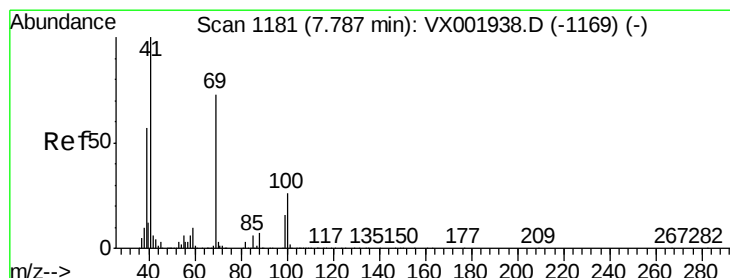
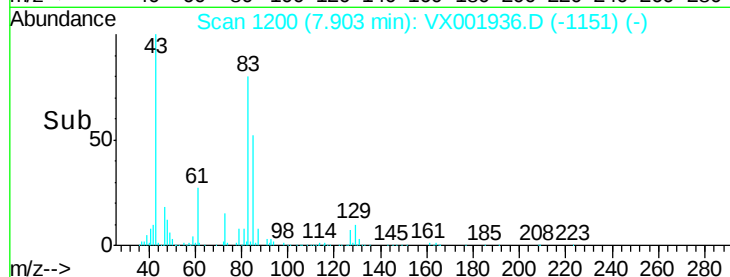
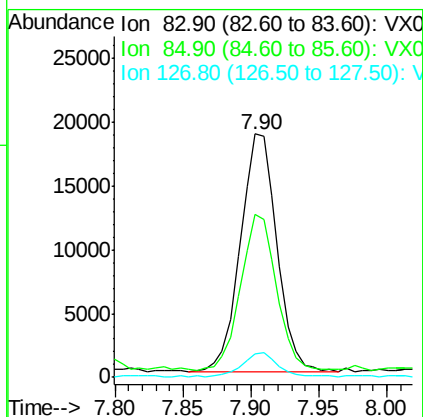
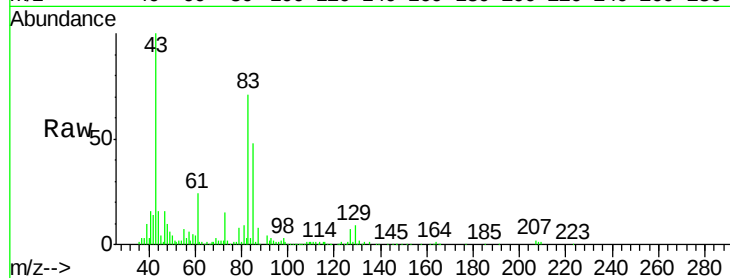
Tgt Ion: 83 Resp: 34960

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.2

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 5.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

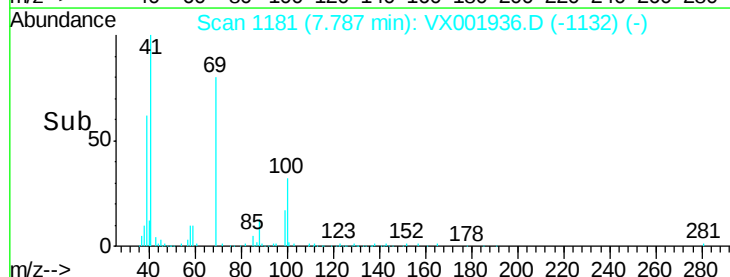
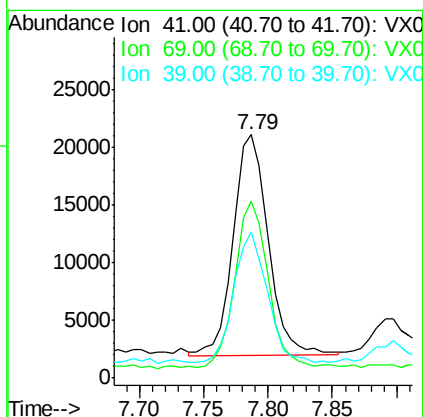
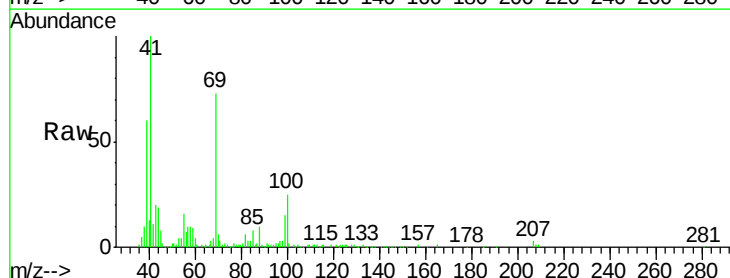
Tgt Ion: 41 Resp: 36197

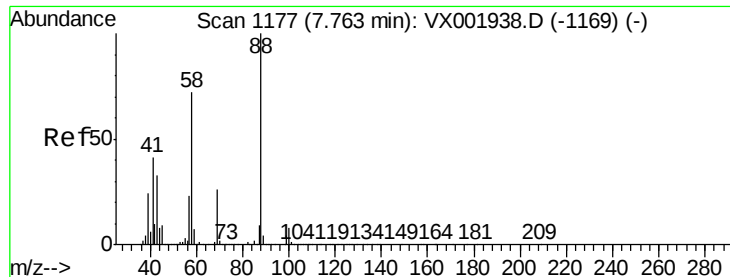
Ion Ratio Lower Upper

41 100

69 71.2 58.6 87.8

39 56.8 46.3 69.5





#49

1,4-Dioxane

Concen: 100.89 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

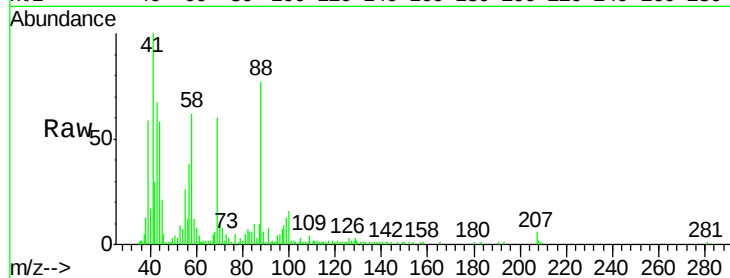
Tgt Ion: 88 Resp: 12305

Ion Ratio Lower Upper

88 100

43 44.3 29.8 44.8

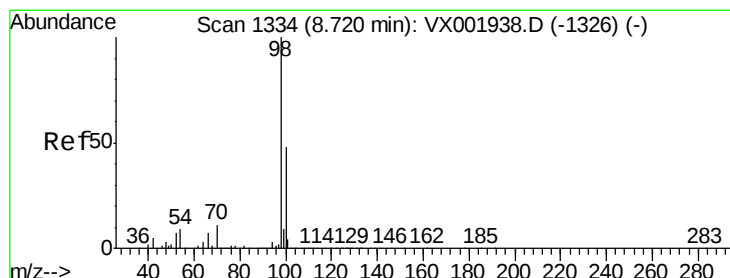
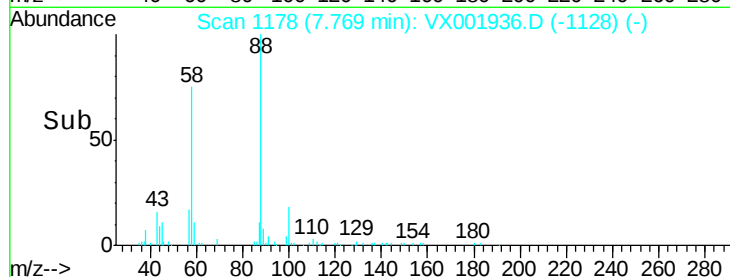
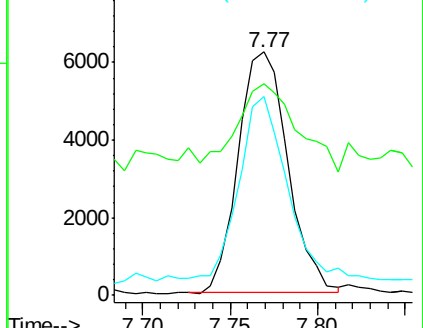
58 74.3 58.7 88.1



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: 5.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001936.D

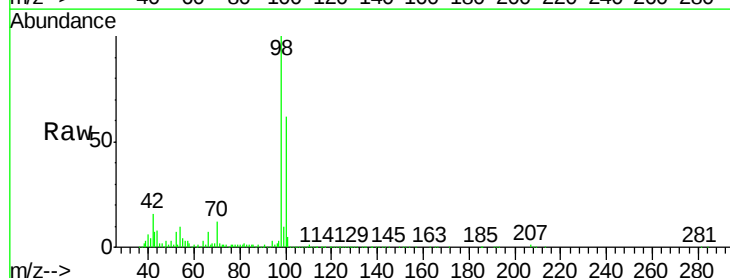
Acq: 24 May 2018 10:53

Tgt Ion: 98 Resp: 84199

Ion Ratio Lower Upper

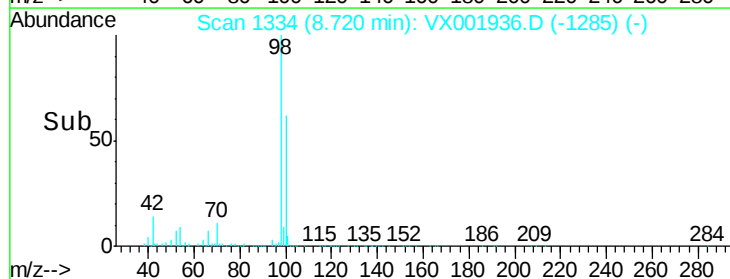
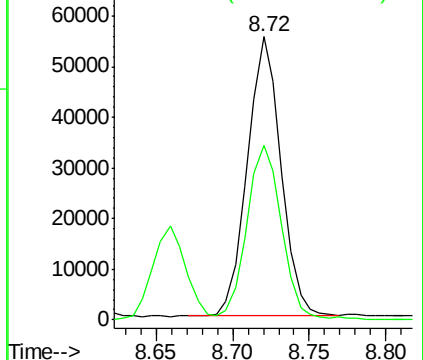
98 100

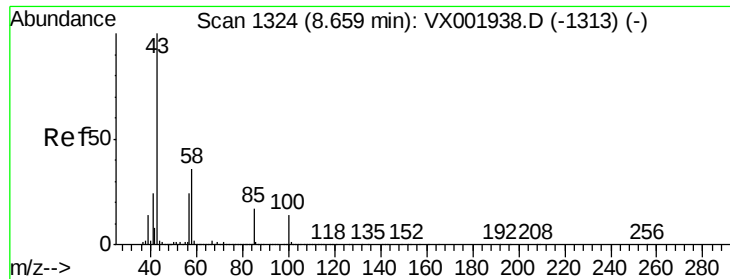
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

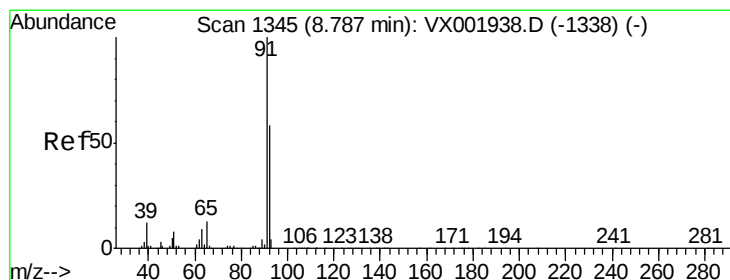
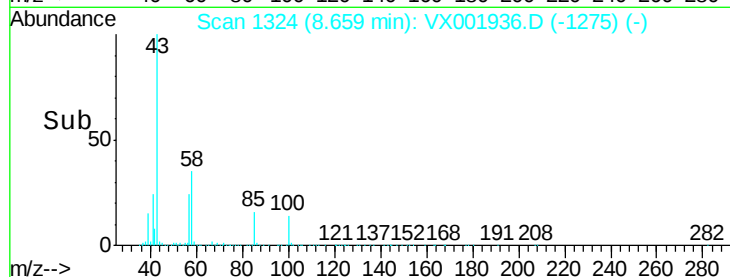
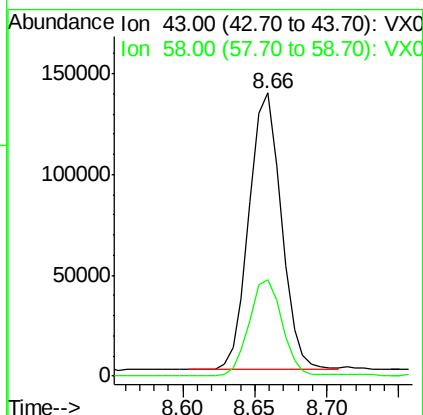
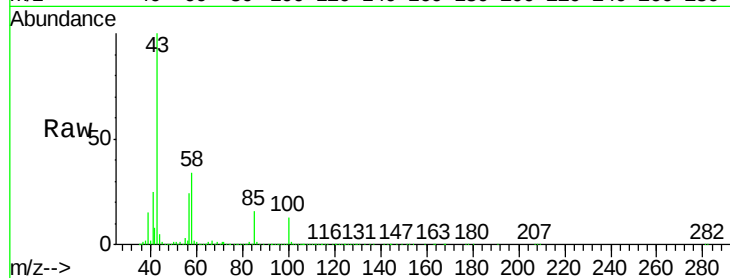




#51
 4-Methyl-2-Pentanone
 Concen: 26.26 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

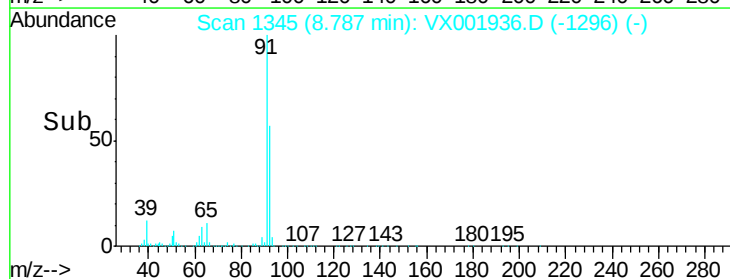
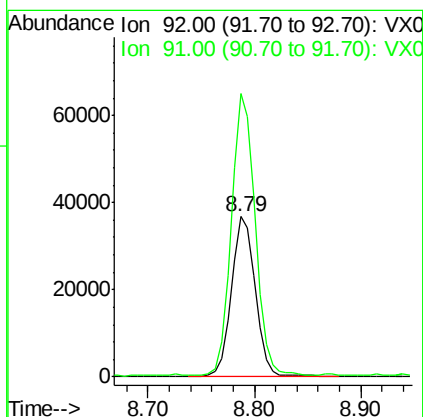
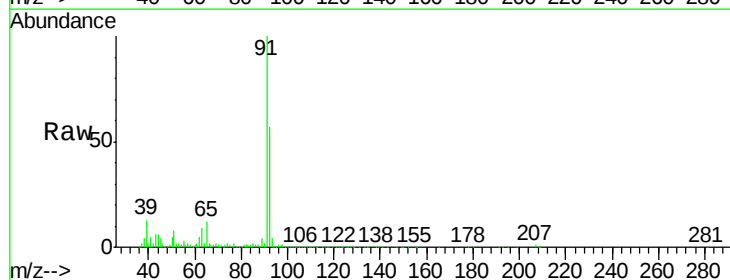
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

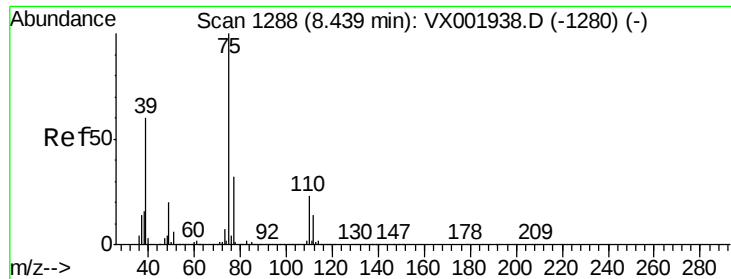
Tgt Ion: 43 Resp: 212677
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.5 42.7



#52
 Toluene
 Concen: 5.09 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Tgt Ion: 92 Resp: 57729
 Ion Ratio Lower Upper
 92 100
 91 175.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 5.14 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

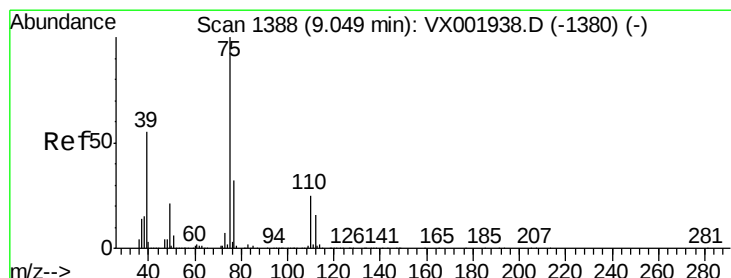
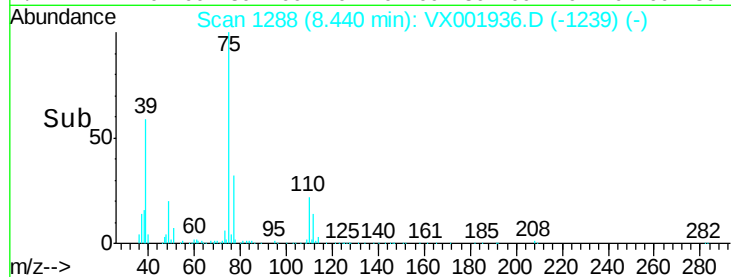
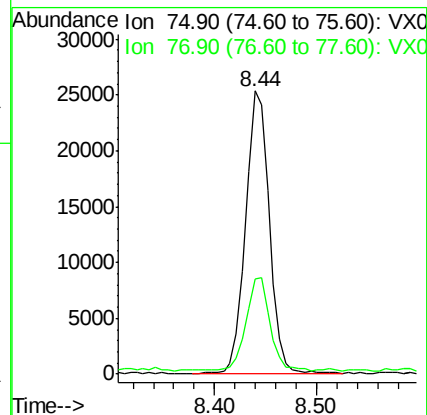
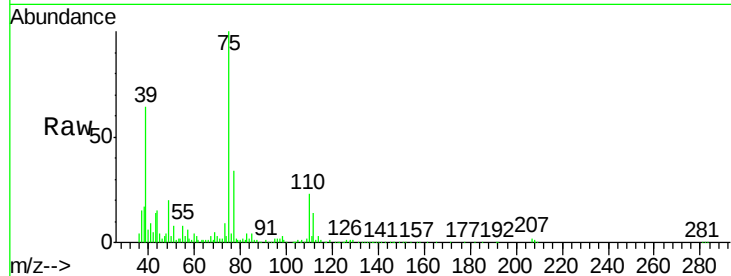
VSTDIC005

Tgt Ion: 75 Resp: 41201

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 5.17 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

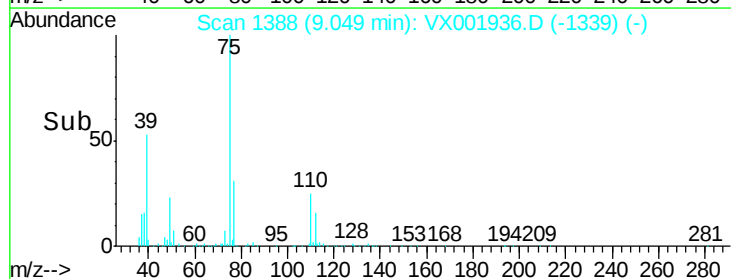
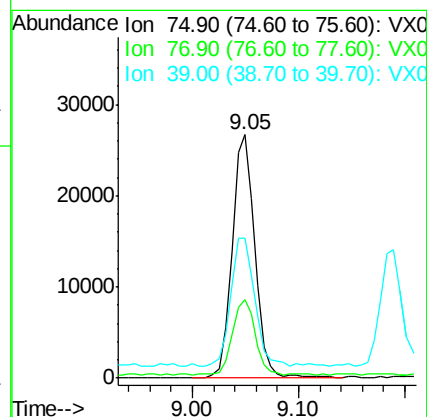
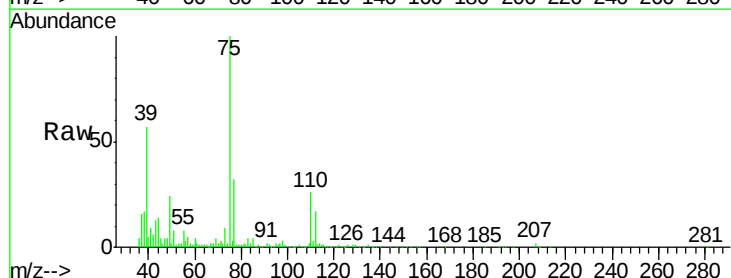
Tgt Ion: 75 Resp: 40084

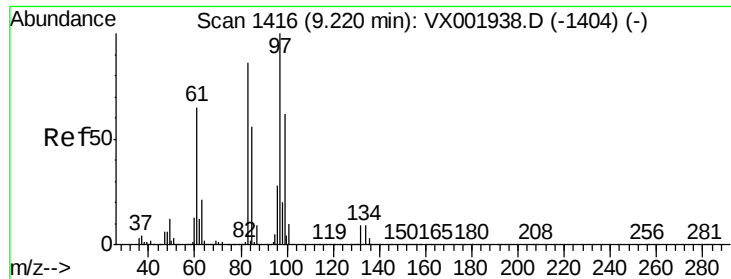
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 51.7 44.1 66.1

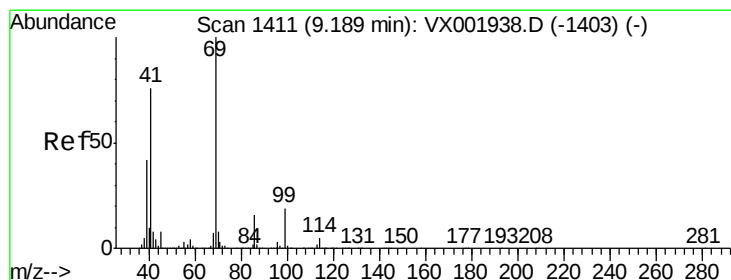
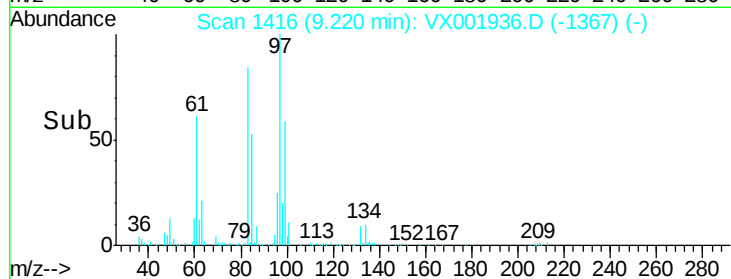
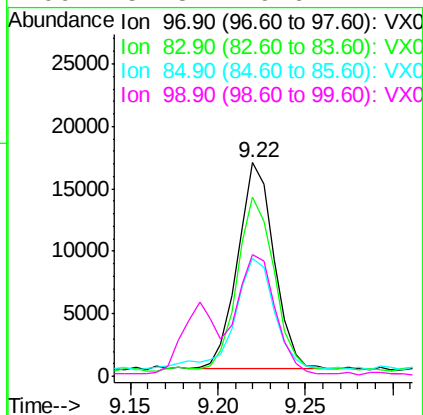
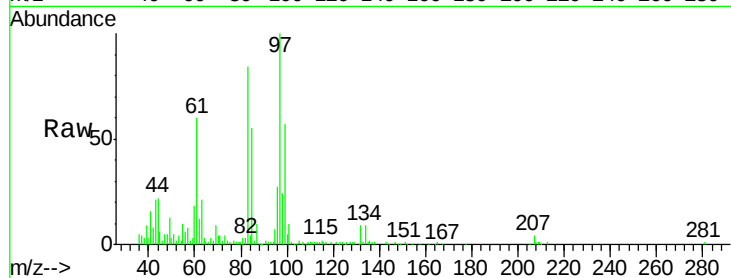




#55
 1,1,2-Trichloroethane
 Concen: 5.16 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

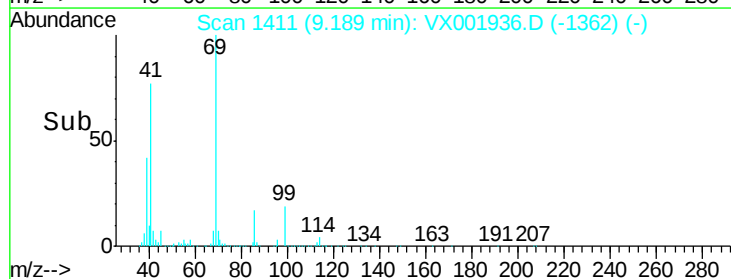
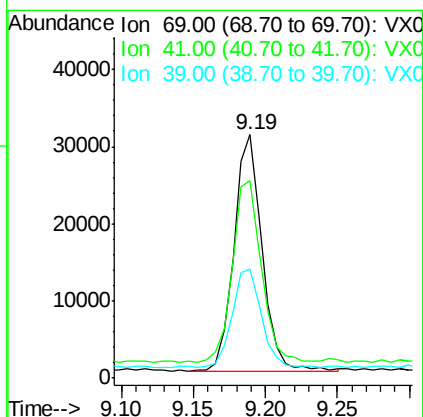
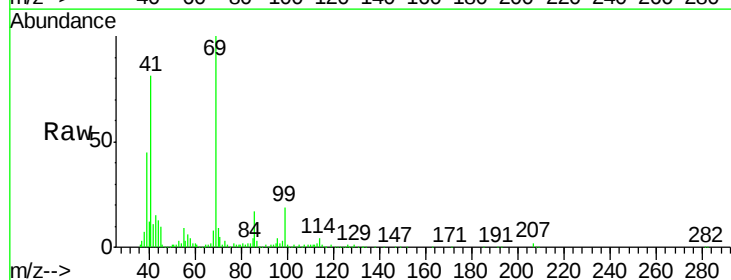
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

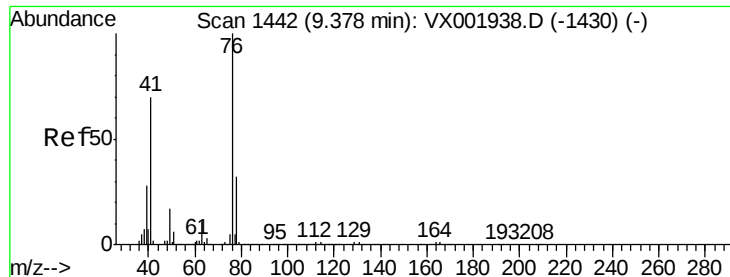
Tgt Ion:	97	Resp:	23966
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.1	103.7
85	52.6	45.2	67.8
99	57.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 5.22 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Tgt Ion:	69	Resp:	41755
Ion	Ratio	Lower	Upper
69	100		
41	79.1	61.0	91.6
39	43.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 5.15 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

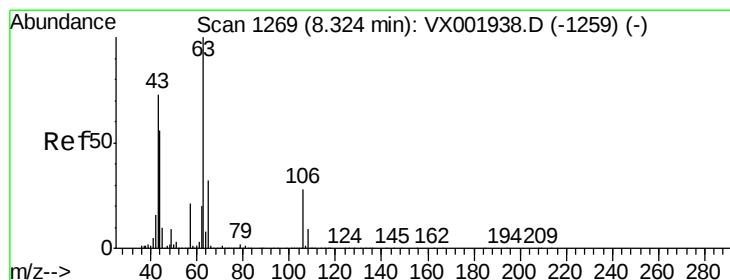
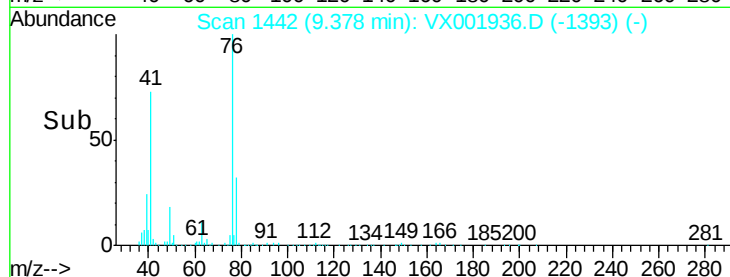
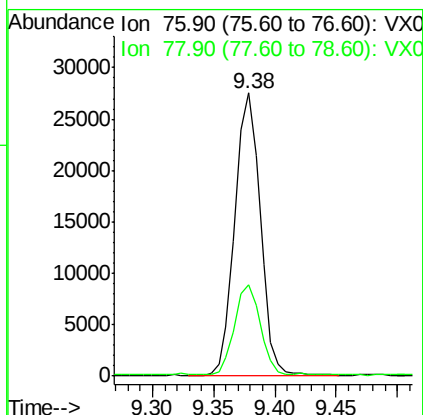
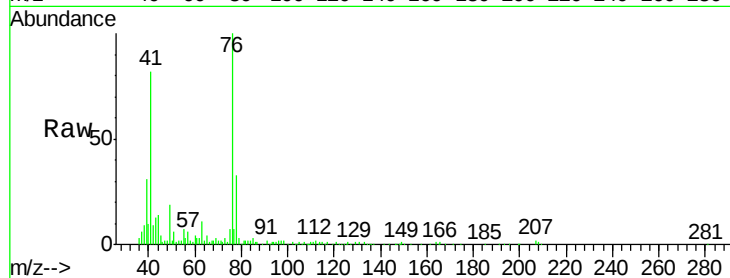
VSTDIC005

Tgt Ion: 76 Resp: 40111

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 26.09 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001936.D

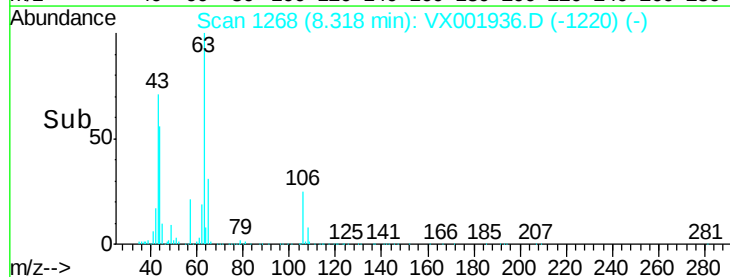
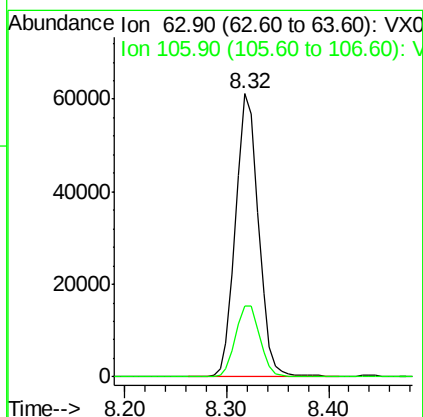
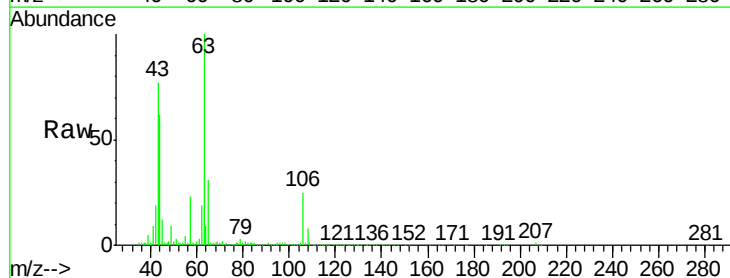
Acq: 24 May 2018 10:53

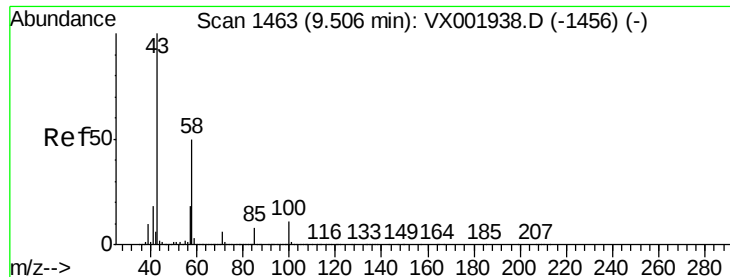
Tgt Ion: 63 Resp: 94175

Ion Ratio Lower Upper

63 100

106 27.3 21.7 32.5

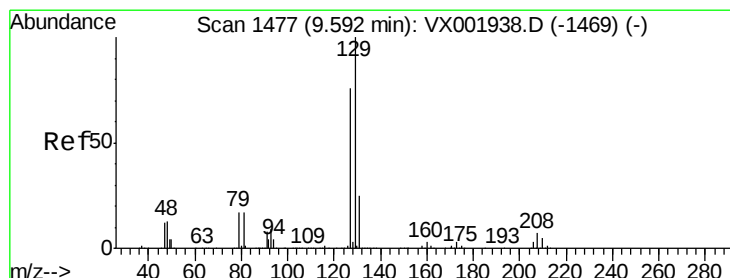
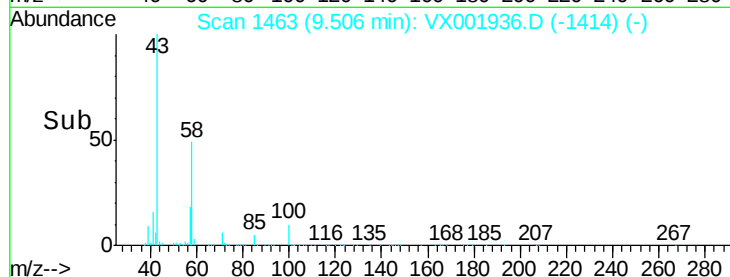
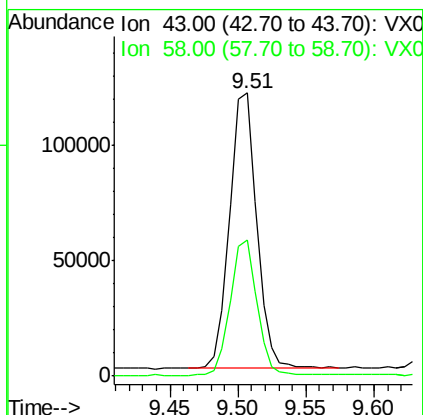
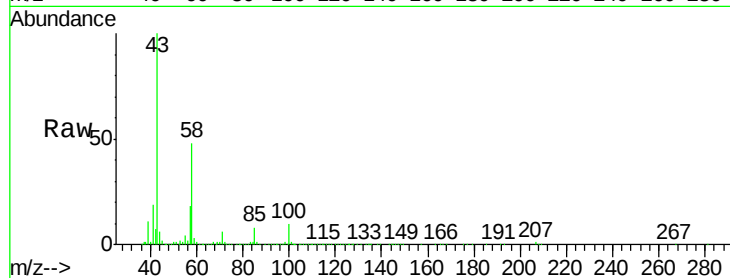




#59
2-Hexanone
Concen: 26.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

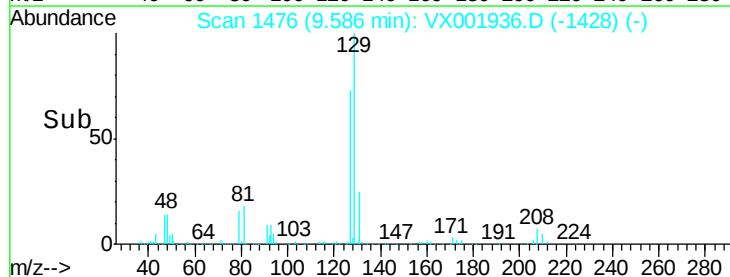
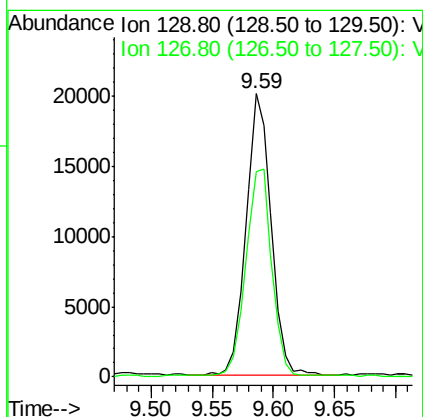
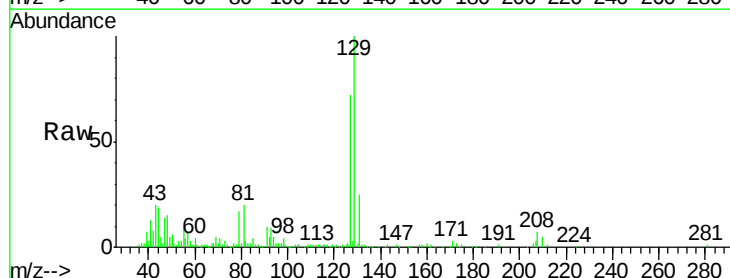
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

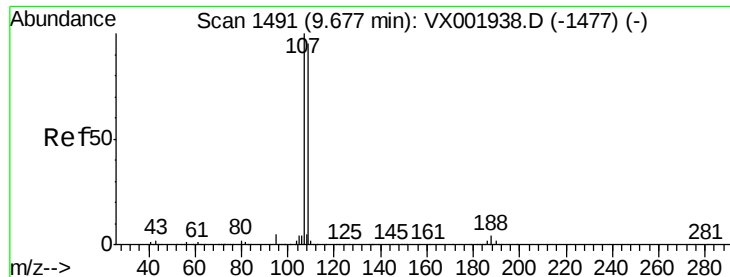
Tgt Ion: 43 Resp: 166055
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6



#60
Dibromochloromethane
Concen: 5.03 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion: 129 Resp: 28513
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 5.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

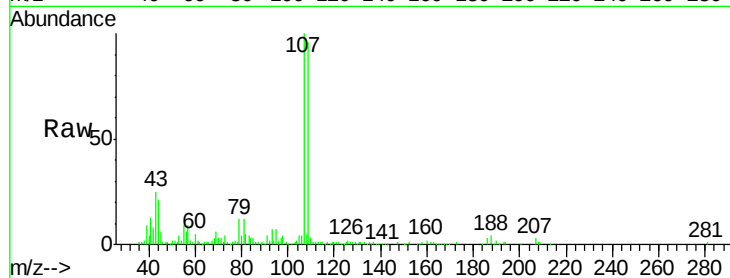
VSTDIC005

Tgt Ion: 107 Resp: 25363

Ion Ratio Lower Upper

107 100

109 94.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

20000

15000

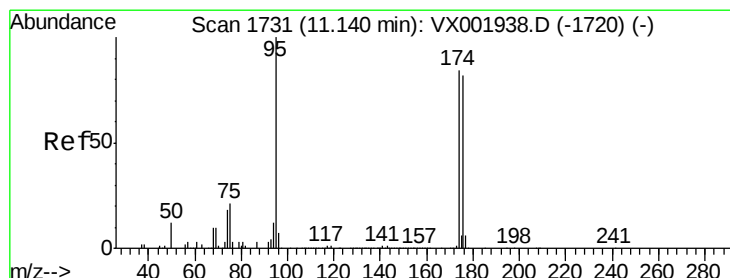
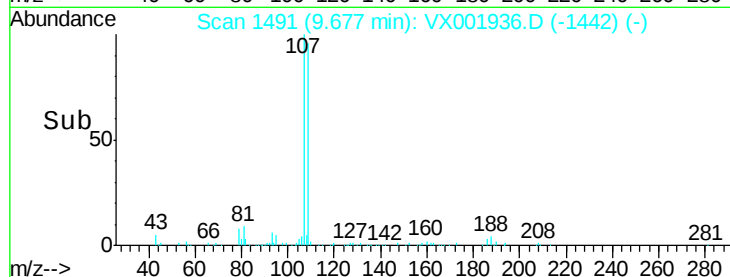
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 4.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

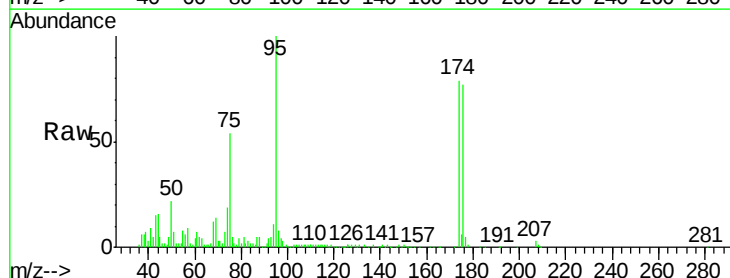
Tgt Ion: 95 Resp: 31373

Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.8

176 85.3 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

30000

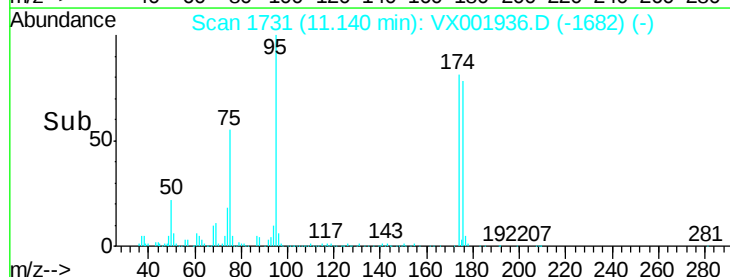
20000

10000

0

Time-->

11.10 11.15 11.20

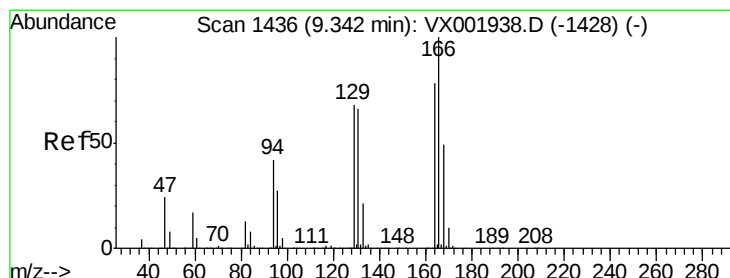
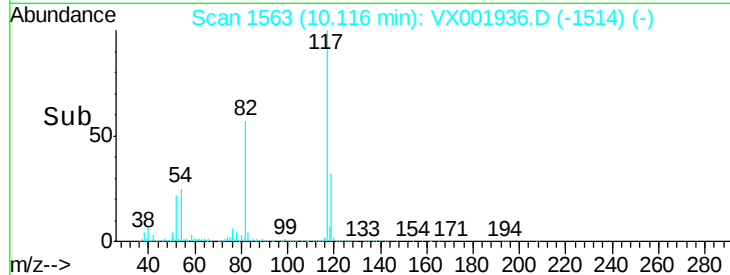
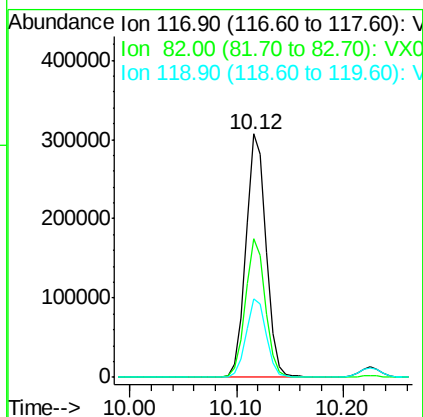
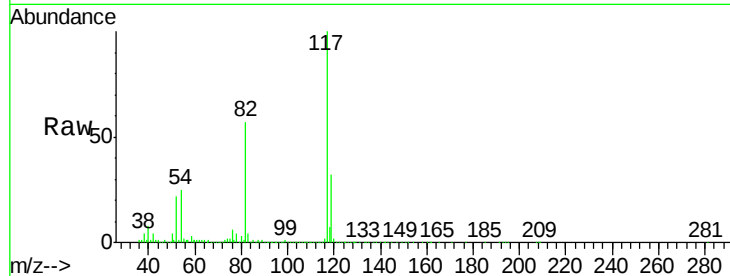




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

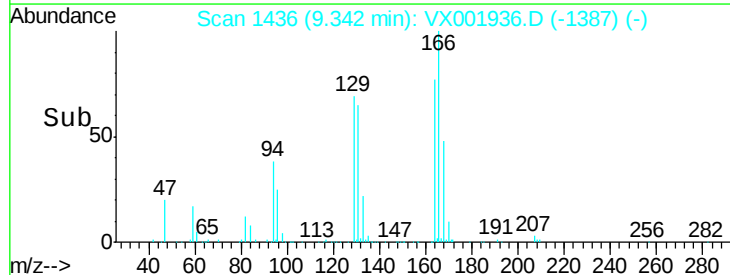
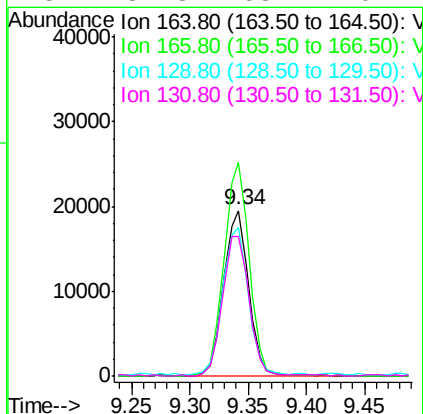
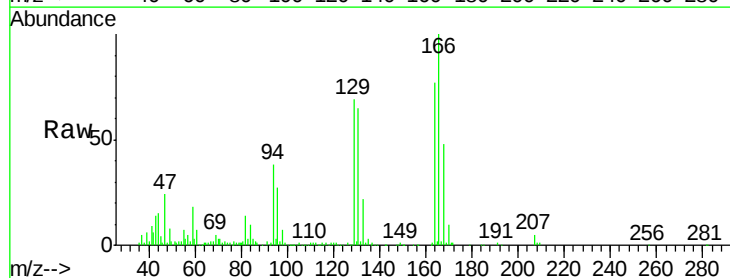
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

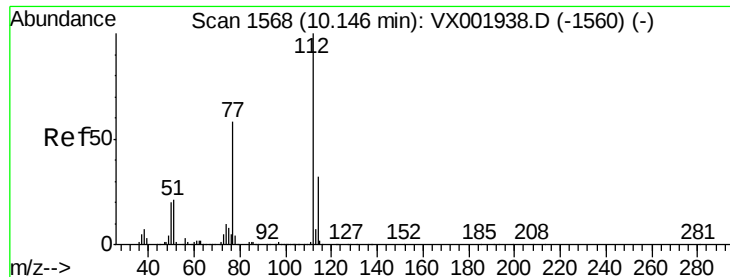
Tgt Ion:117 Resp: 408219
Ion Ratio Lower Upper
117 100
82 56.9 44.8 67.2
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 5.17 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion:164 Resp: 29052
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 88.6 70.3 105.5
131 84.3 68.2 102.4





#65

Chlorobenzene

Concen: 5.10 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

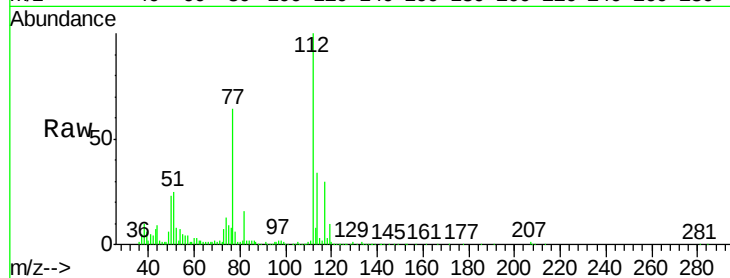
VSTDIC005

Tgt Ion:112 Resp: 63407

Ion Ratio Lower Upper

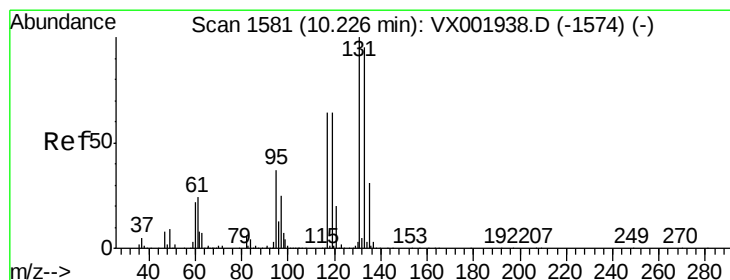
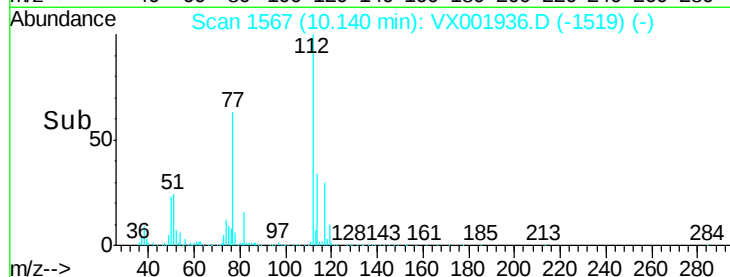
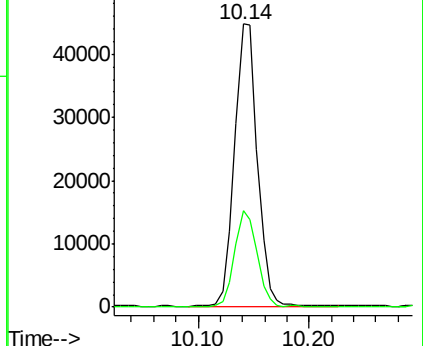
112 100

114 34.0 25.9 38.9



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: 5.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

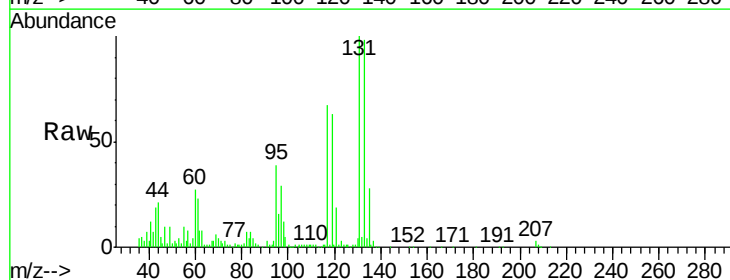
Tgt Ion:131 Resp: 26368

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

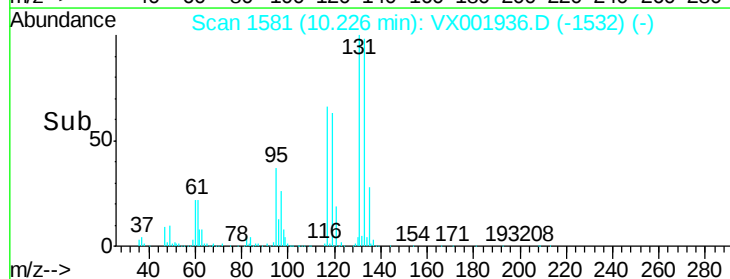
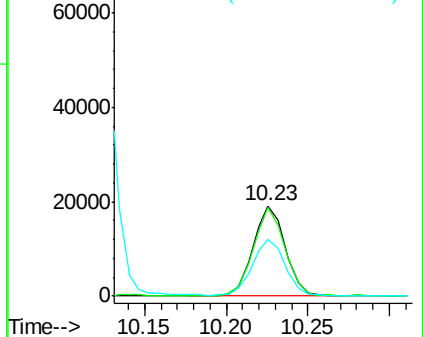
119 63.4 31.9 95.5

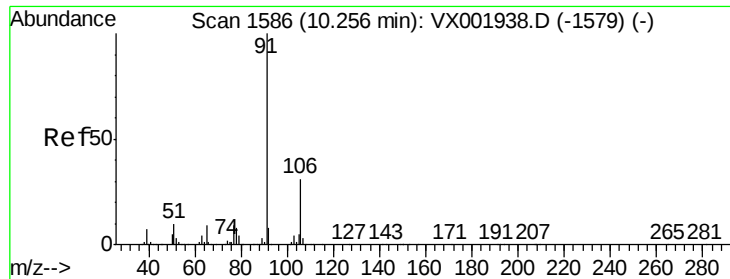


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.17 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

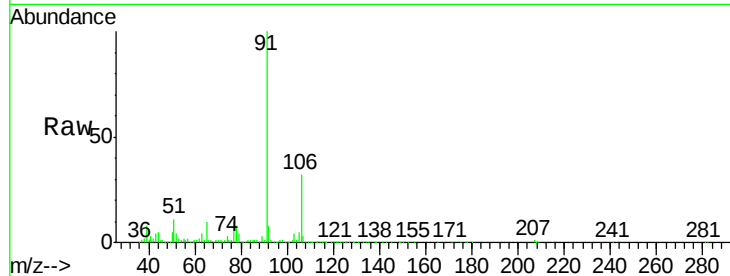
VSTDIC005

Tgt Ion: 91 Resp: 112831

Ion Ratio Lower Upper

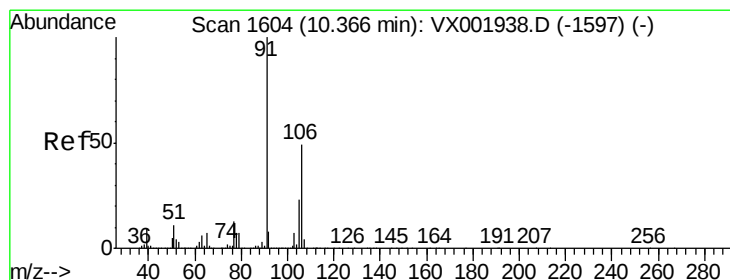
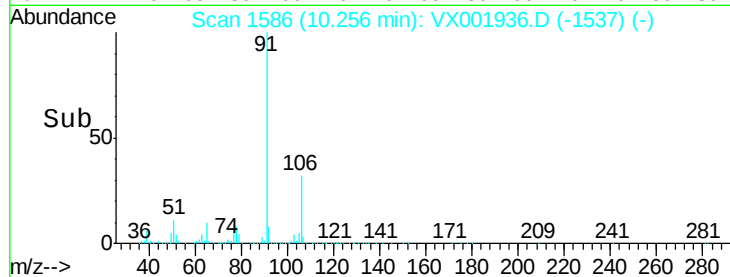
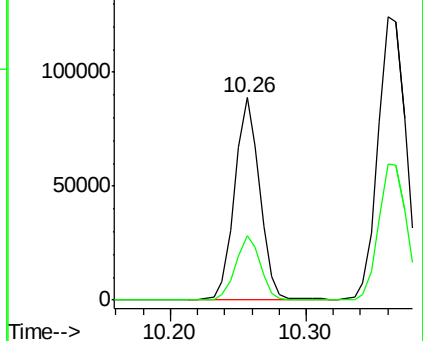
91 100

106 31.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX001936.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX001936.D (-1579) (-)



#68

m/p-Xylenes

Concen: 10.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001936.D

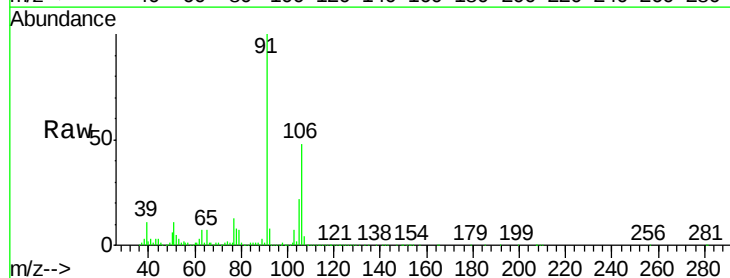
Acq: 24 May 2018 10:53

Tgt Ion: 106 Resp: 85138

Ion Ratio Lower Upper

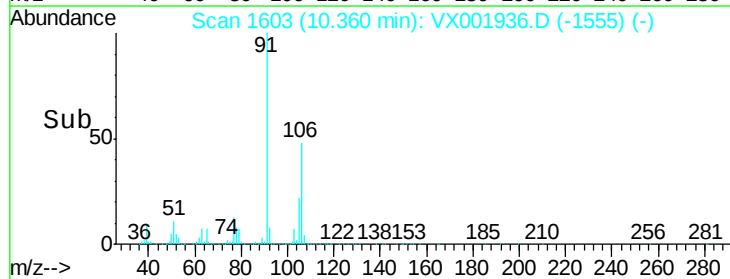
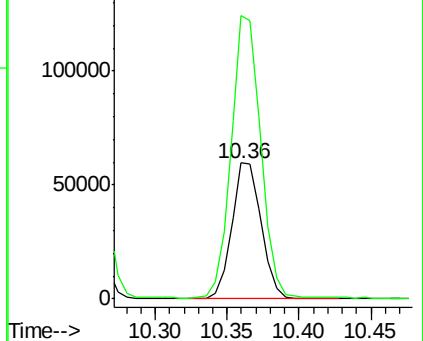
106 100

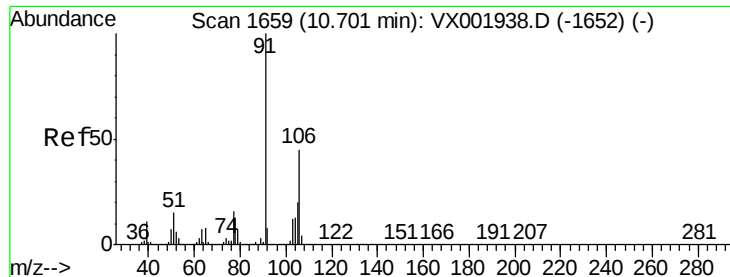
91 208.9 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): VX001936.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001936.D (-1597) (-)

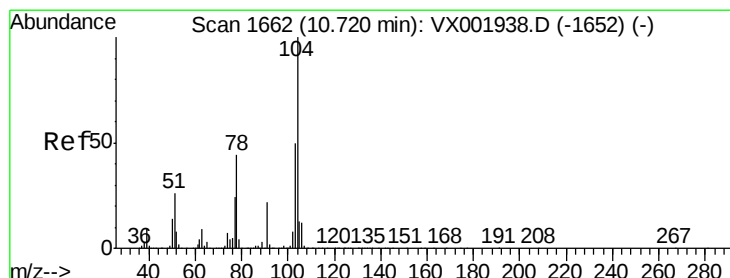
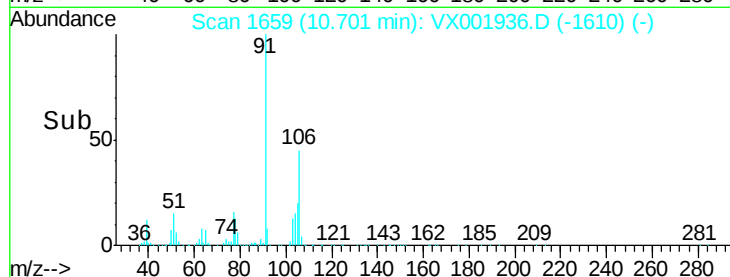
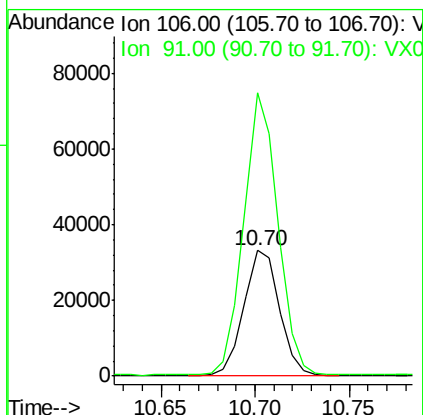
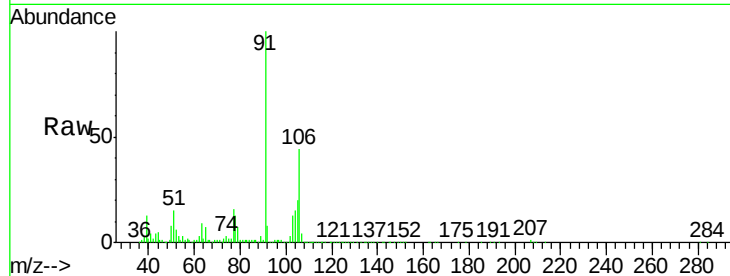




#69
o-Xylene
Concen: 5.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

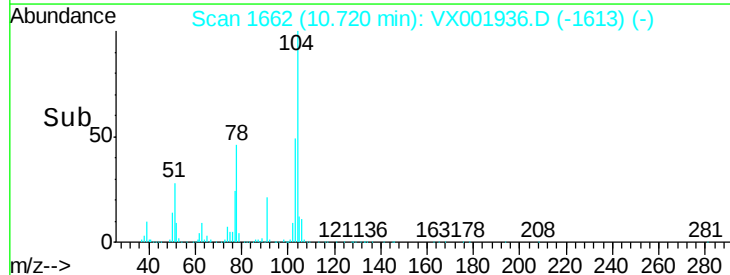
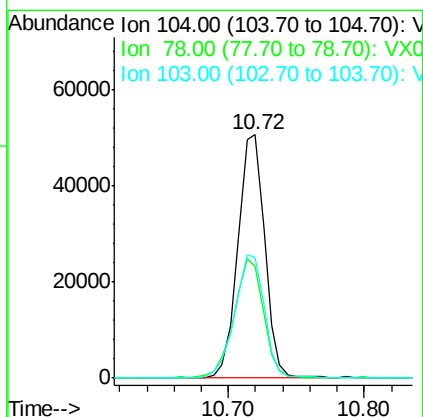
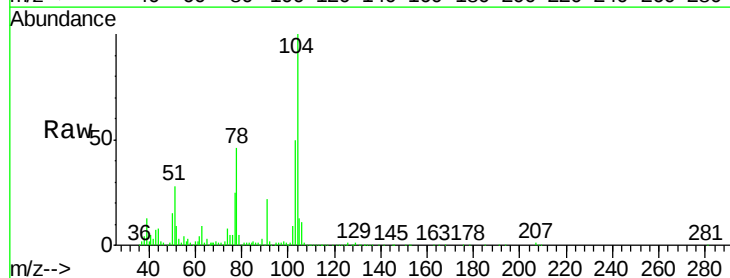
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

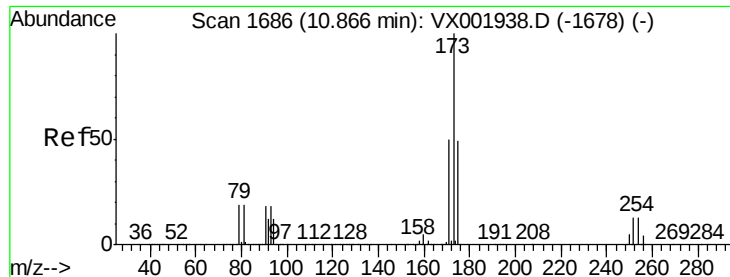
Tgt Ion:106 Resp: 43531
Ion Ratio Lower Upper
106 100
91 213.6 108.7 325.9



#70
Styrene
Concen: 5.06 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion:104 Resp: 69876
Ion Ratio Lower Upper
104 100
78 53.0 41.8 62.6
103 55.1 44.6 67.0

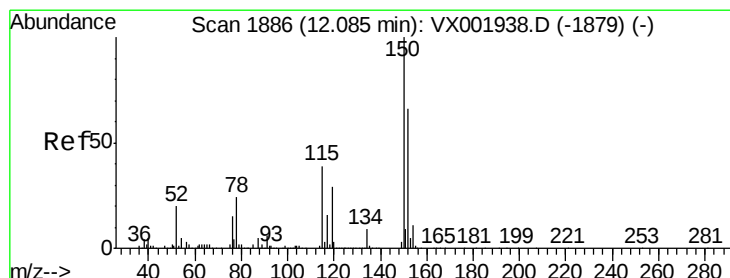
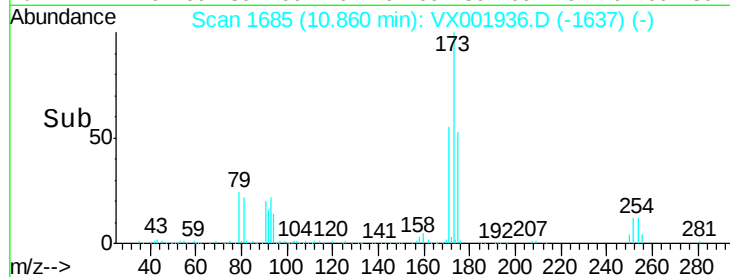
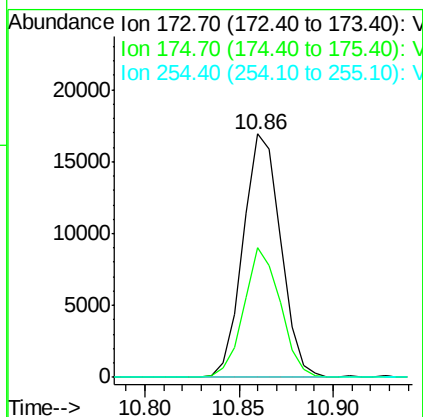
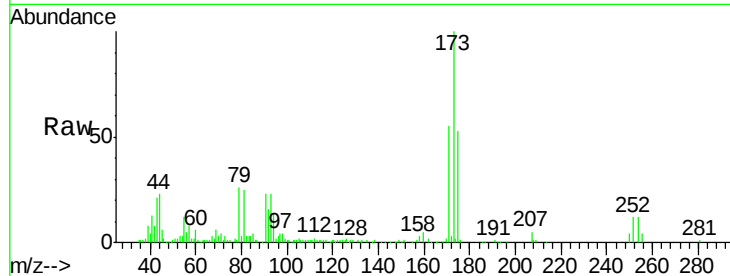




#71
Bromoform
Concen: 4.83 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

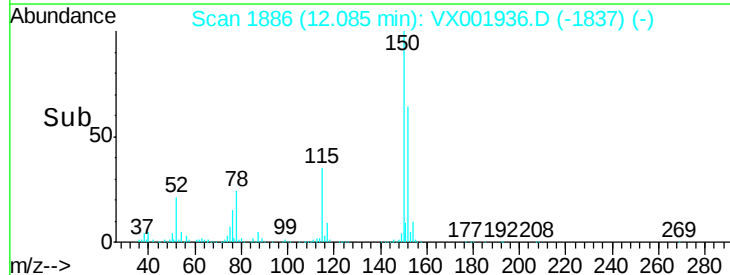
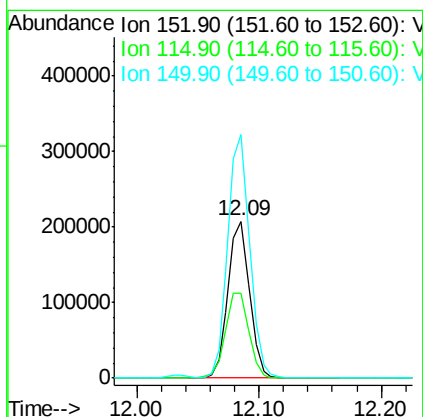
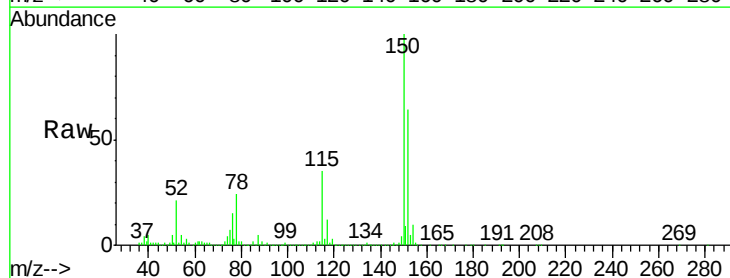
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

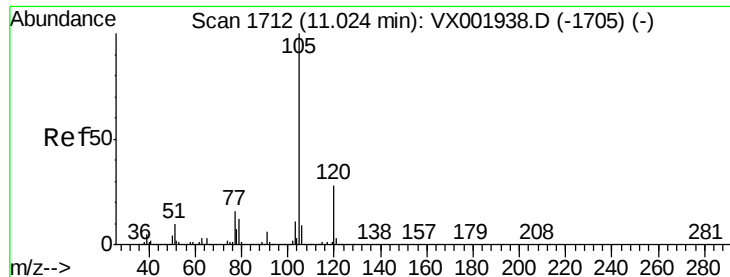
Tgt Ion:173 Resp: 23432
Ion Ratio Lower Upper
173 100
175 51.6 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001936.D
Acq: 24 May 2018 10:53

Tgt Ion:152 Resp: 251155
Ion Ratio Lower Upper
152 100
115 59.5 42.3 126.8
150 158.2 0.0 351.0





#73

Isopropylbenzene

Concen: 5.61 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

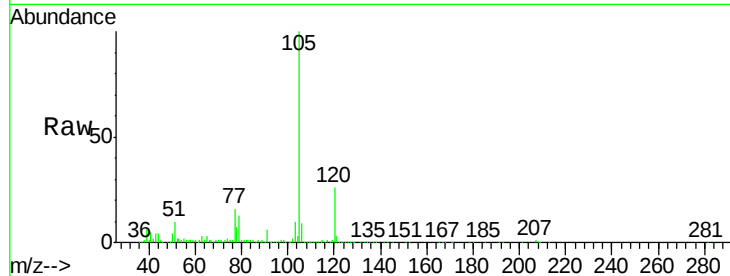
VSTDIC005

Tgt Ion: 105 Resp: 113718

Ion Ratio Lower Upper

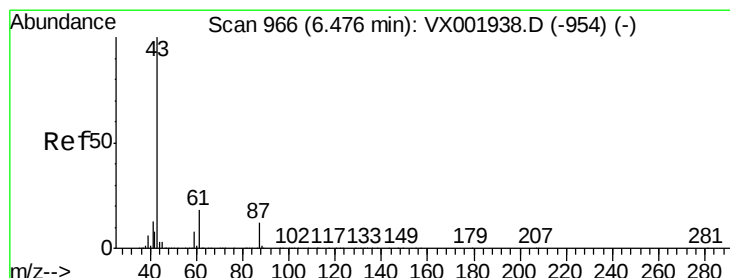
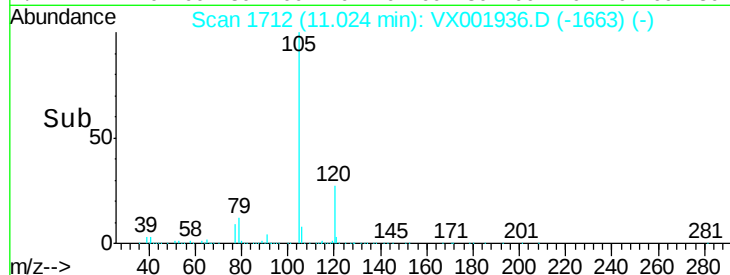
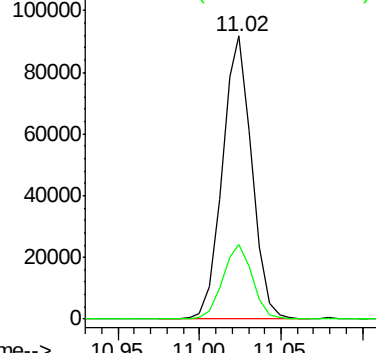
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.85 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Tgt Ion: 43 Resp: 69794

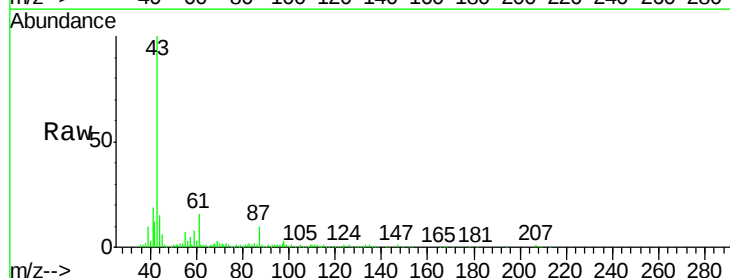
Ion Ratio Lower Upper

43 100

70 0.2 0.1 0.1#

55 0.0 0.1 0.1#

61 17.6 14.5 21.7

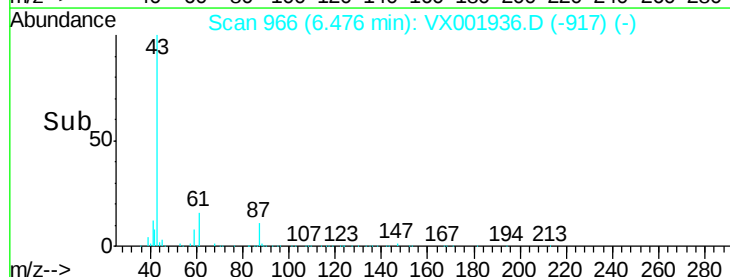
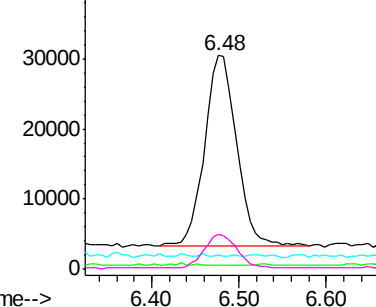


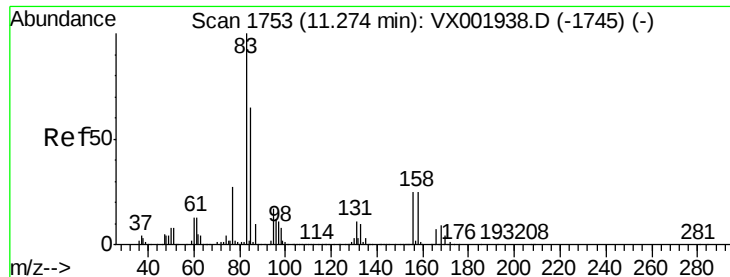
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

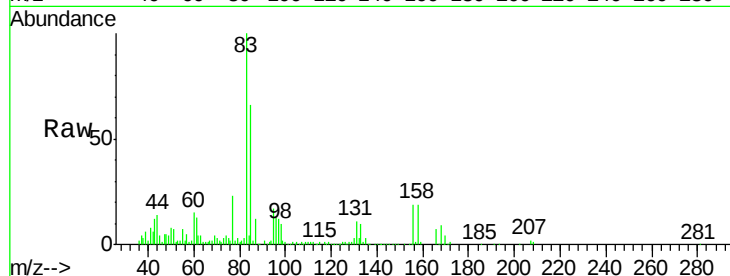
Tgt Ion: 83 Resp: 35603

Ion Ratio Lower Upper

83 100

131 12.7 5.7 17.0

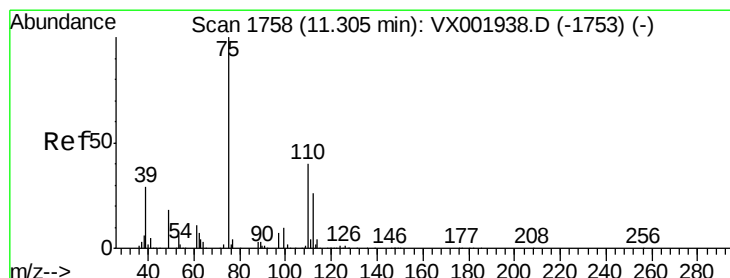
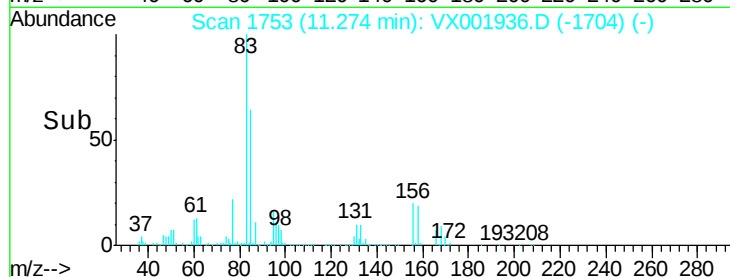
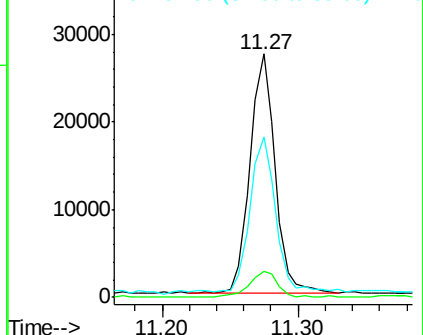
85 65.7 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 8.48 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001936.D

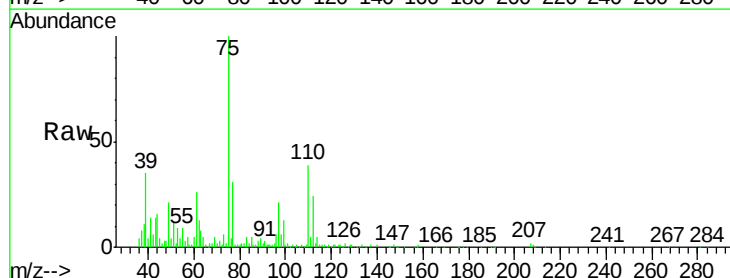
Acq: 24 May 2018 10:53

Tgt Ion: 75 Resp: 47018

Ion Ratio Lower Upper

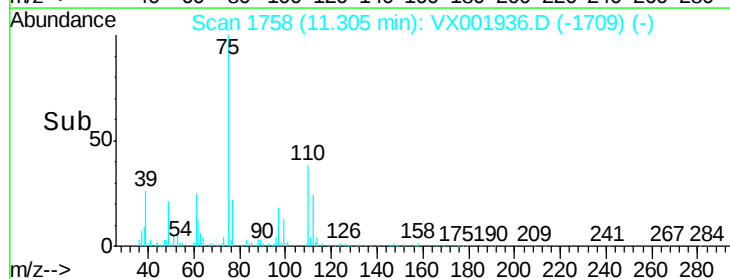
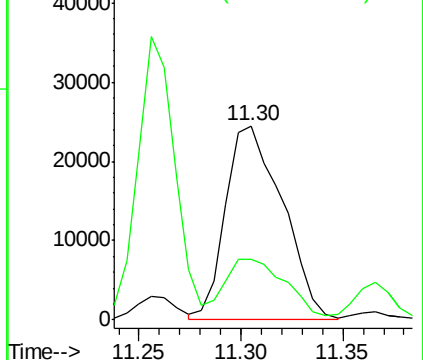
75 100

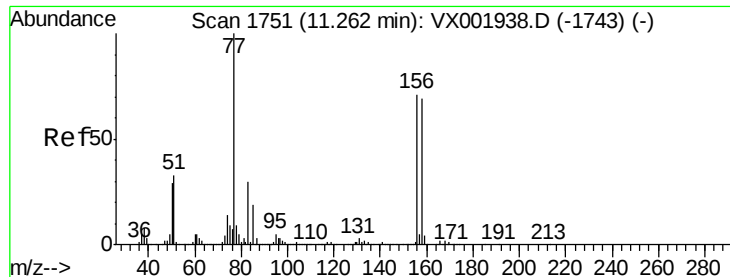
77 33.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

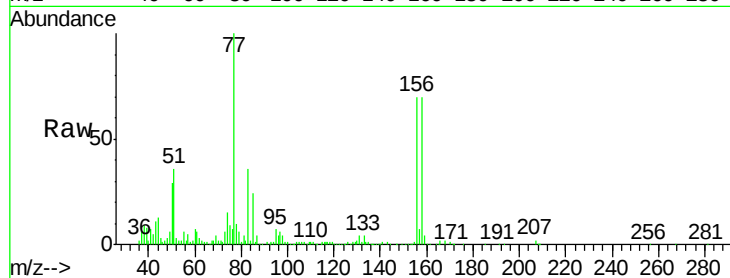
Tgt Ion:156 Resp: 29200

Ion Ratio Lower Upper

156 100

77 153.6 75.2 225.6

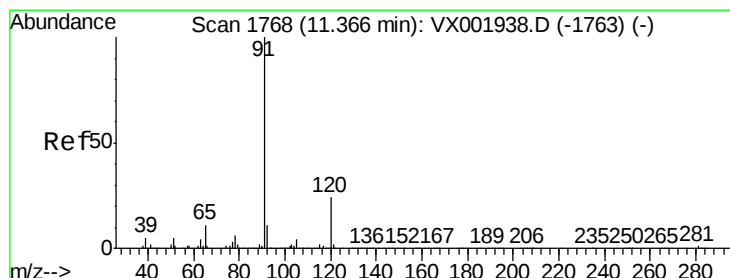
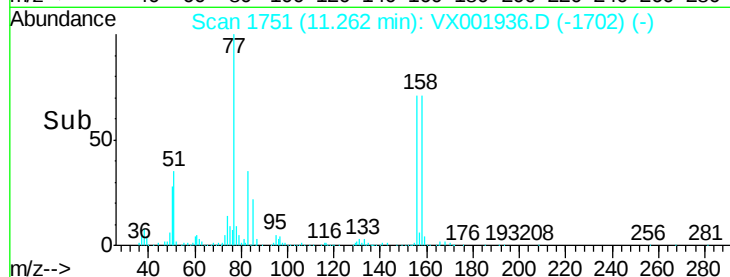
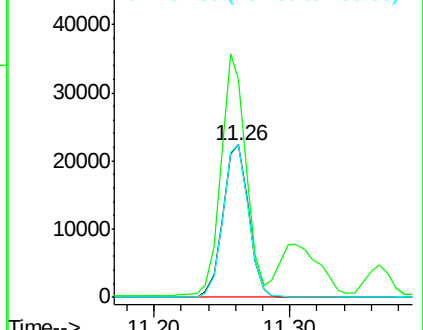
158 99.4 48.6 145.8



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: 5.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001936.D

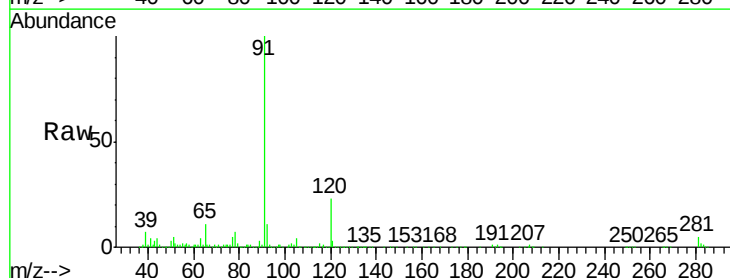
Acq: 24 May 2018 10:53

Tgt Ion: 91 Resp: 124698

Ion Ratio Lower Upper

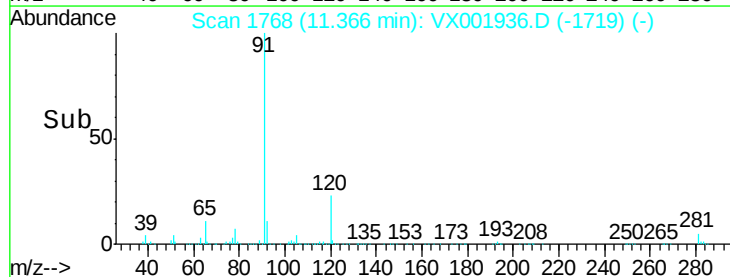
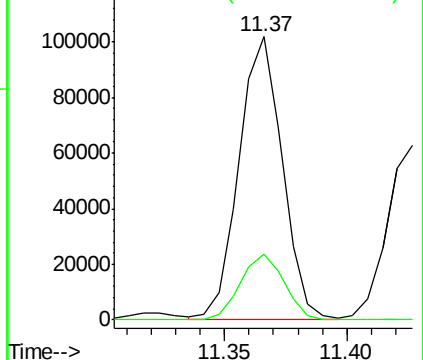
91 100

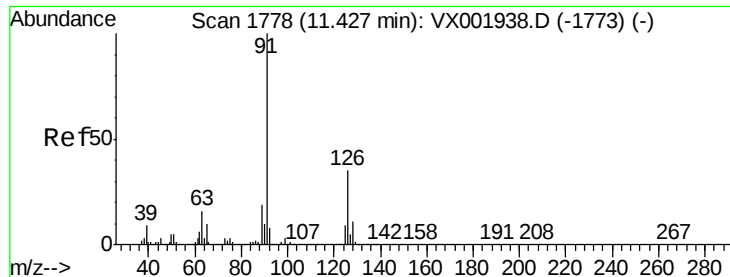
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

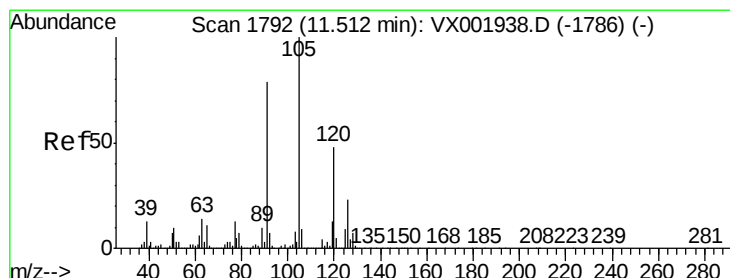
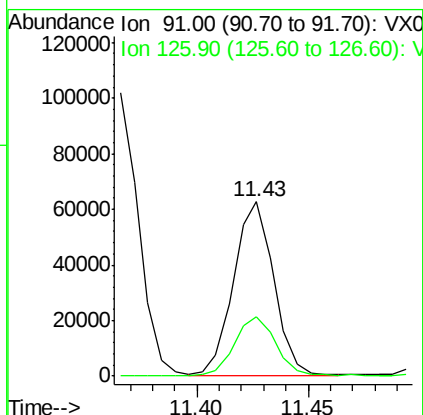
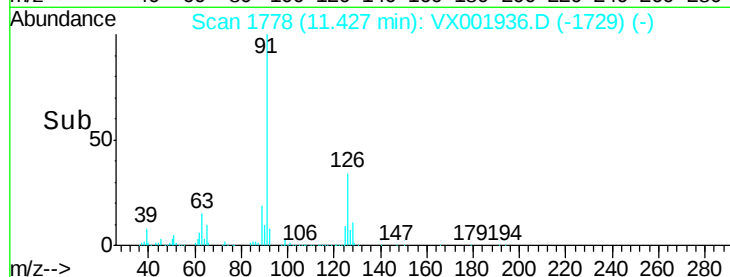
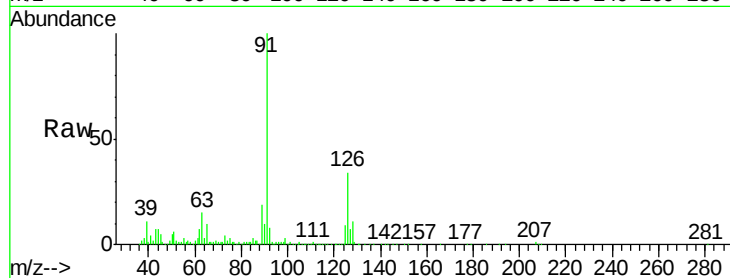
VSTDIC005

Tgt Ion: 91 Resp: 78409

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 5.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001936.D

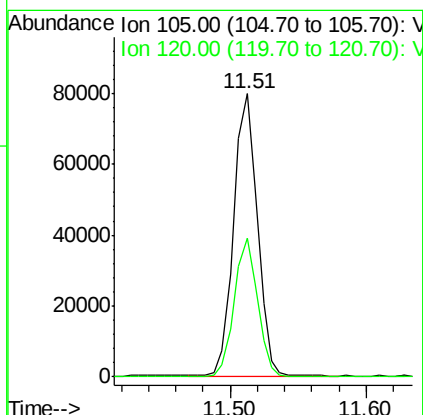
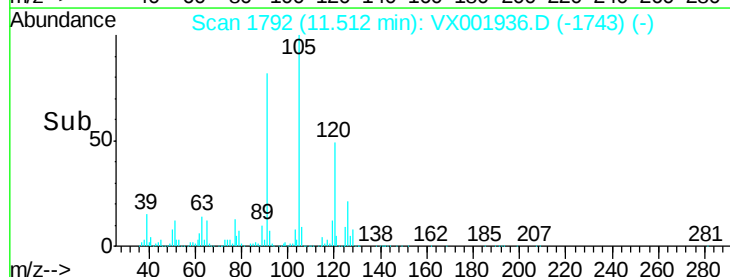
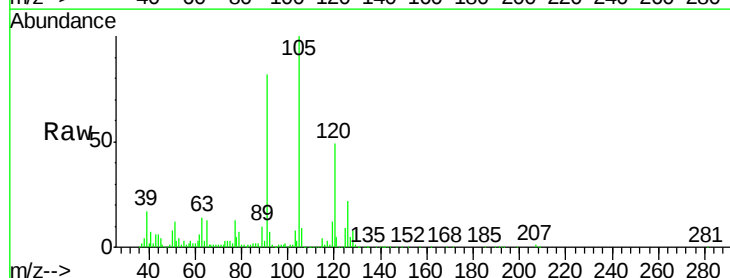
Acq: 24 May 2018 10:53

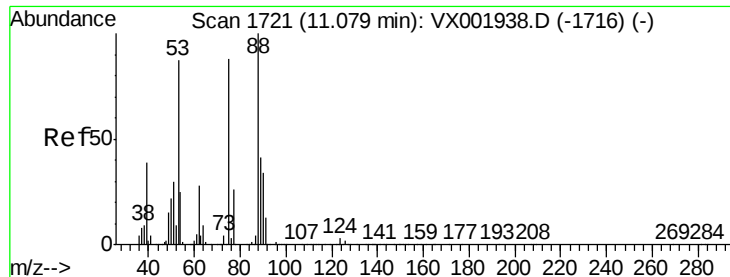
Tgt Ion: 105 Resp: 96036

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 5.83 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

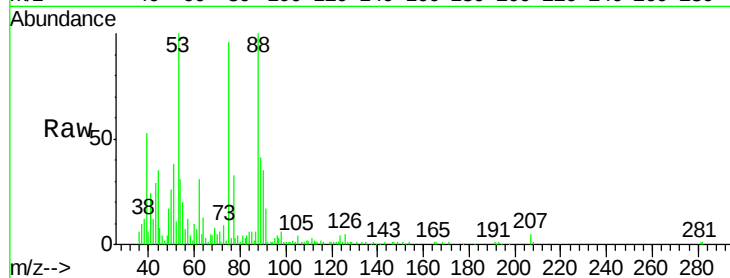
Tgt Ion: 75 Resp: 13597

Ion Ratio Lower Upper

75 100

53 102.4 78.0 117.0

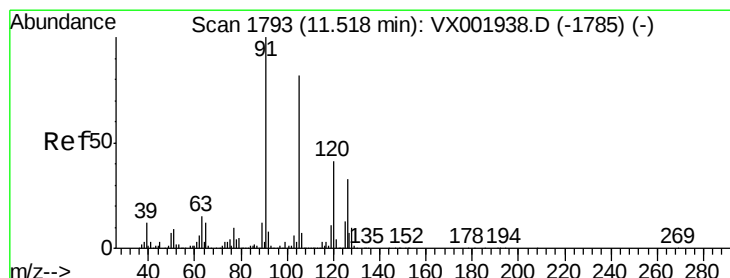
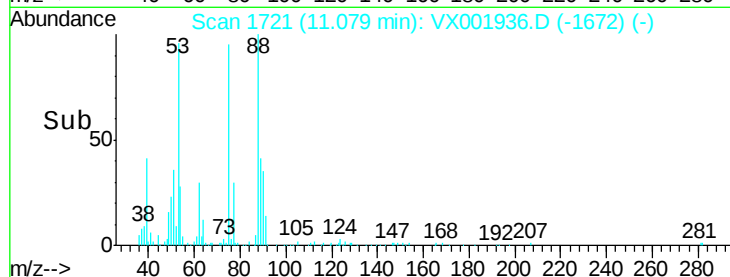
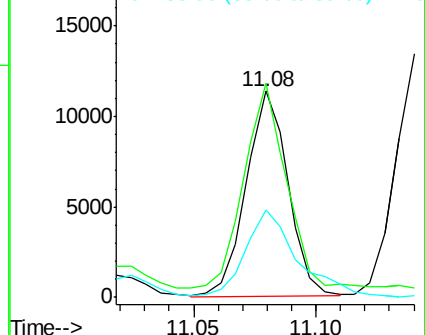
89 53.3 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001936.D

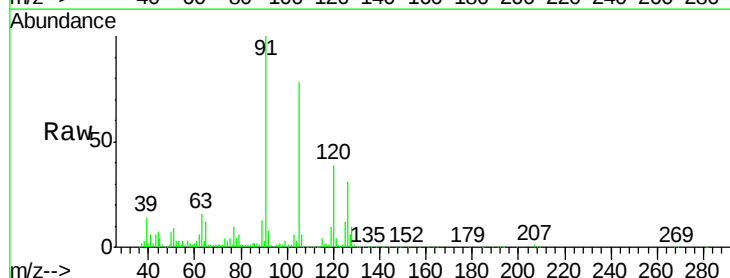
Acq: 24 May 2018 10:53

Tgt Ion: 91 Resp: 87485

Ion Ratio Lower Upper

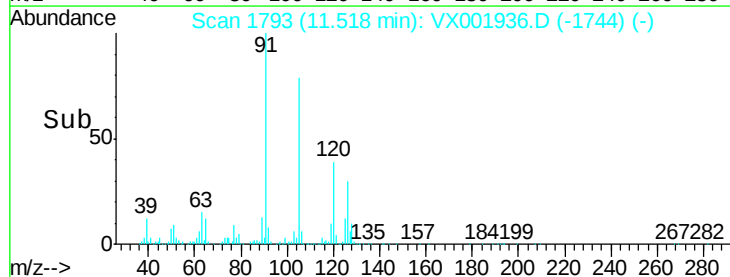
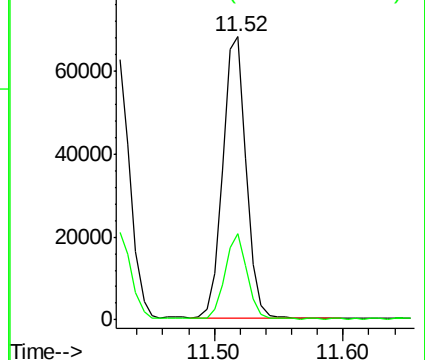
91 100

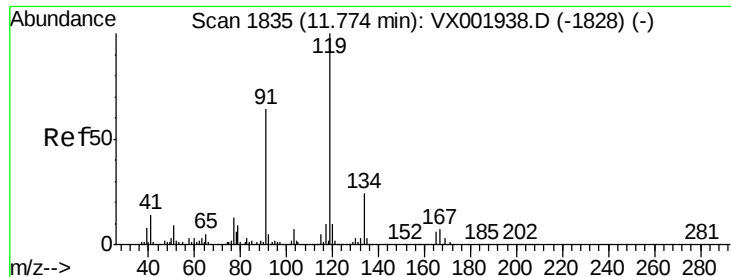
126 28.4 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.60 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

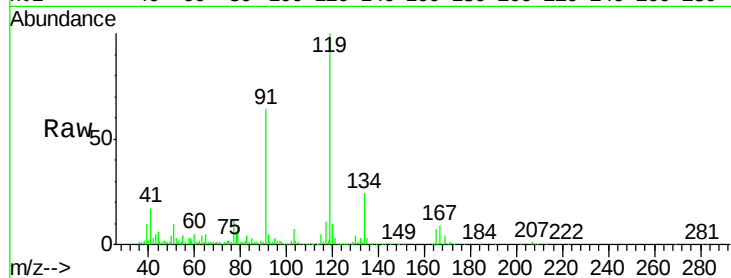
Tgt Ion:119 Resp: 93881

Ion Ratio Lower Upper

119 100

91 61.9 30.6 91.8

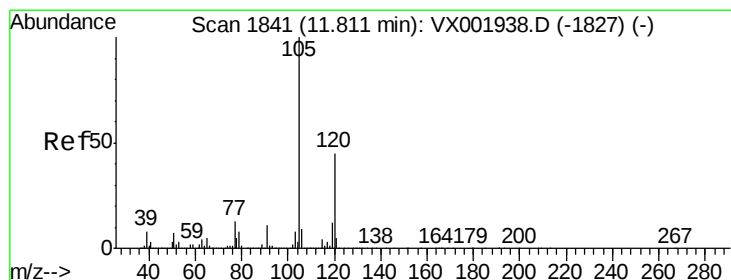
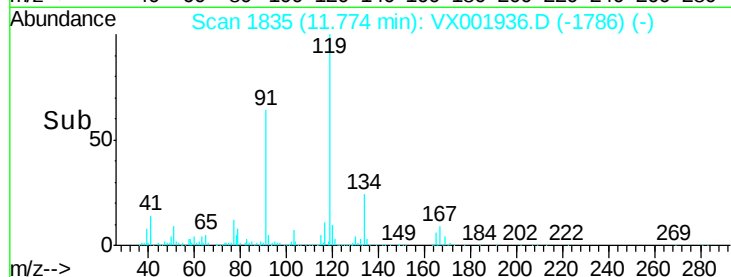
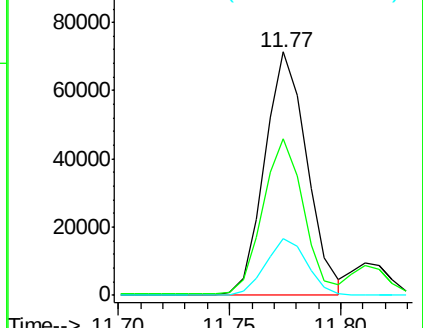
134 23.3 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.60 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001936.D

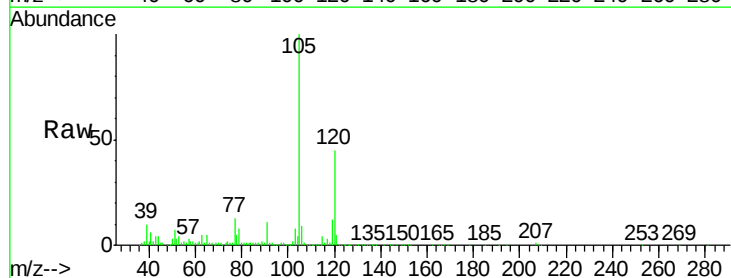
Acq: 24 May 2018 10:53

Tgt Ion:105 Resp: 99345

Ion Ratio Lower Upper

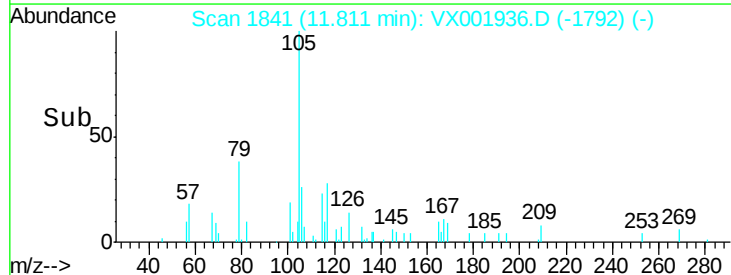
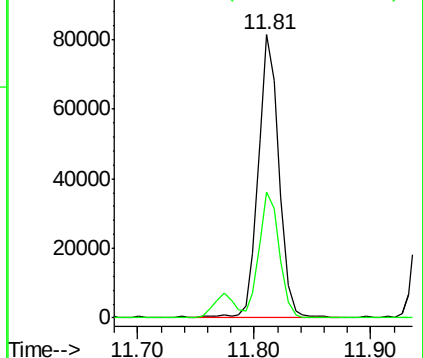
105 100

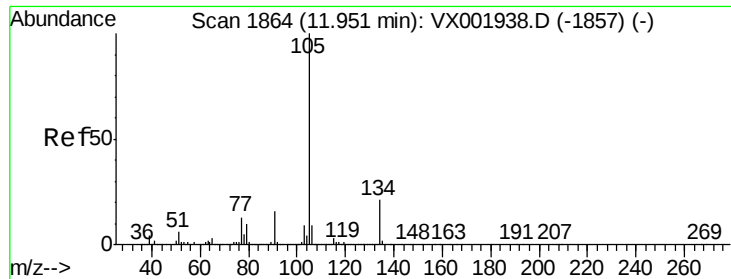
120 43.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

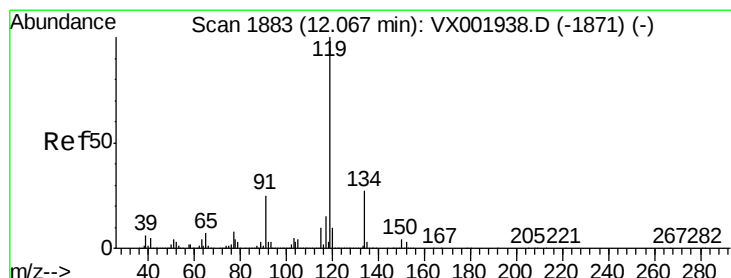
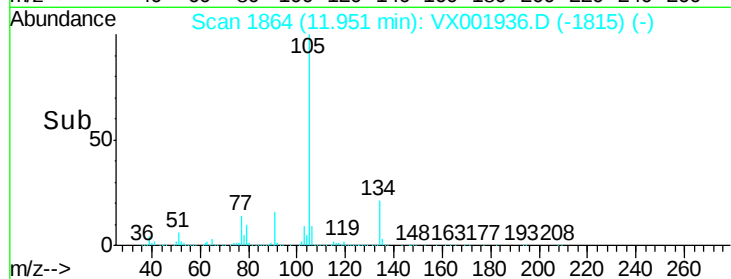
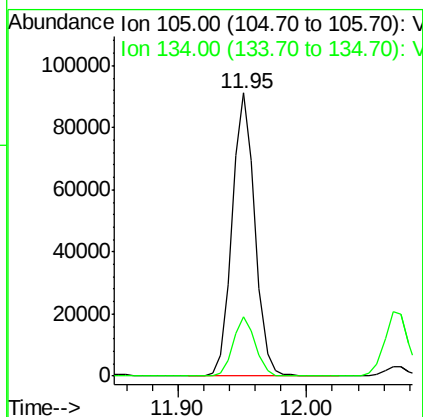
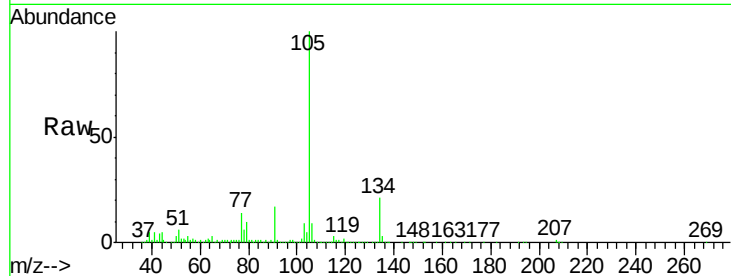




#85
 sec-Butylbenzene
 Concen: 5.44 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

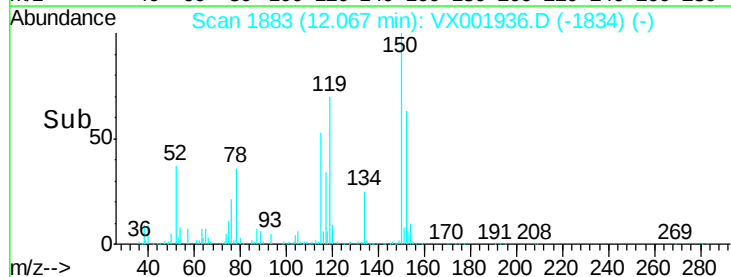
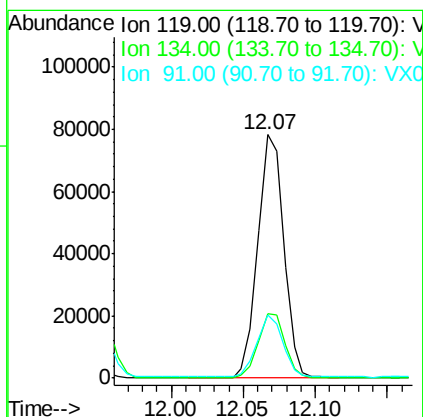
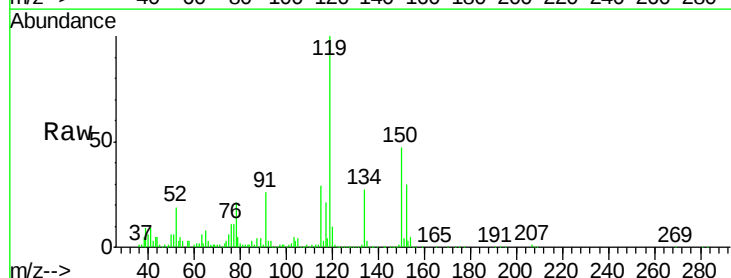
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

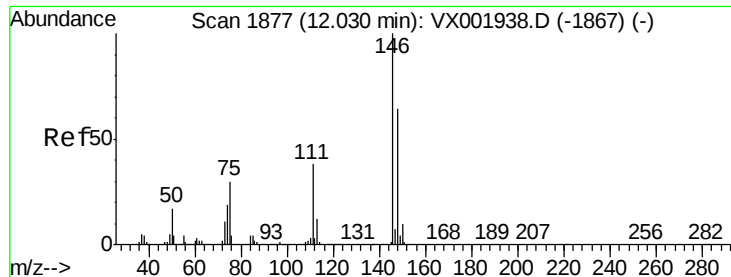
Tgt Ion:105 Resp: 111771
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 5.26 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Tgt Ion:119 Resp: 96993
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.8
 91 25.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 5.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

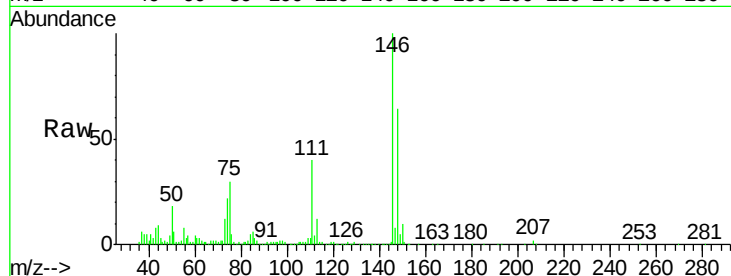
Tgt Ion:146 Resp: 51242

Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

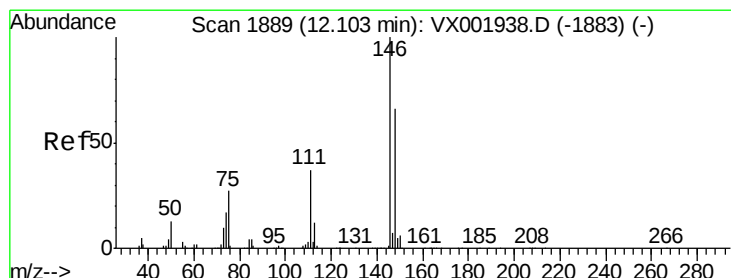
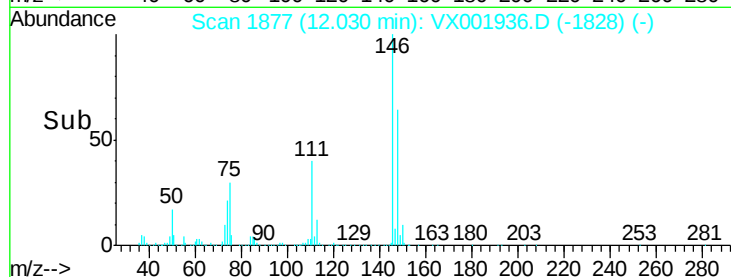
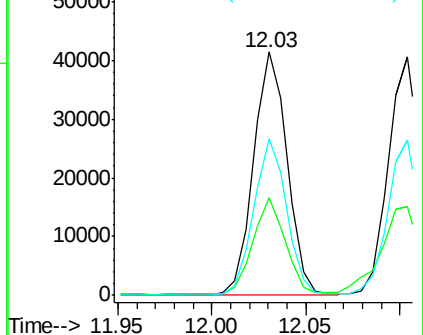
148 63.1 32.1 96.3



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: 5.17 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

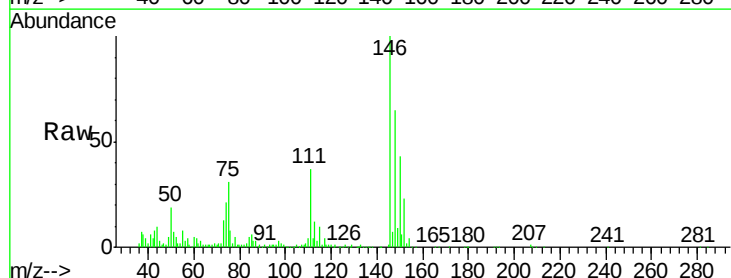
Tgt Ion:146 Resp: 50063

Ion Ratio Lower Upper

146 100

111 43.6 18.9 56.5

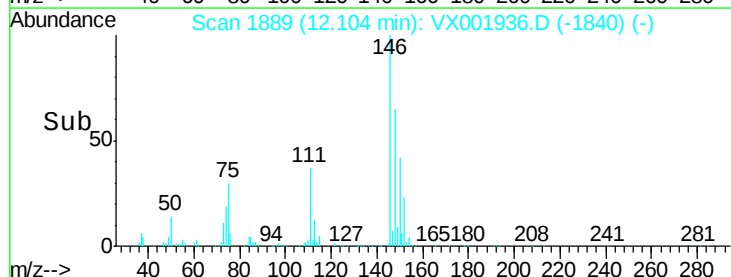
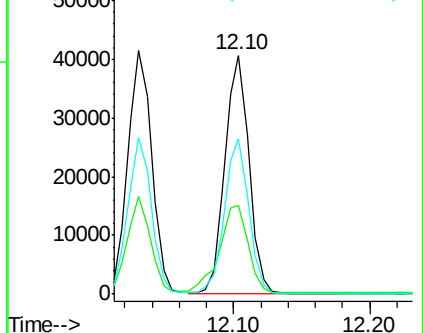
148 66.1 32.3 96.8

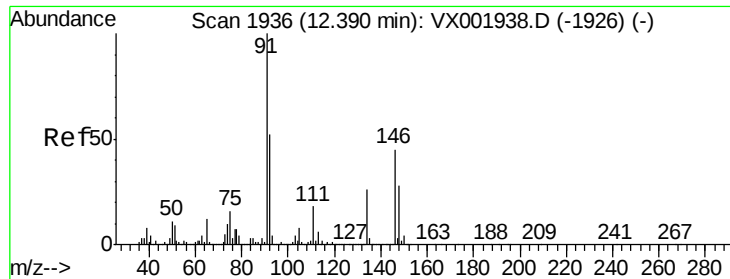


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.90 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

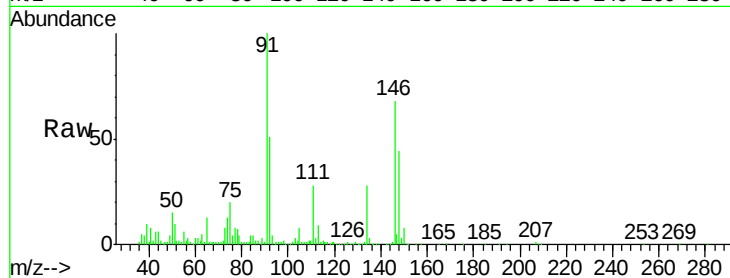
Tgt Ion: 91 Resp: 78554

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 27.0 13.6 40.7

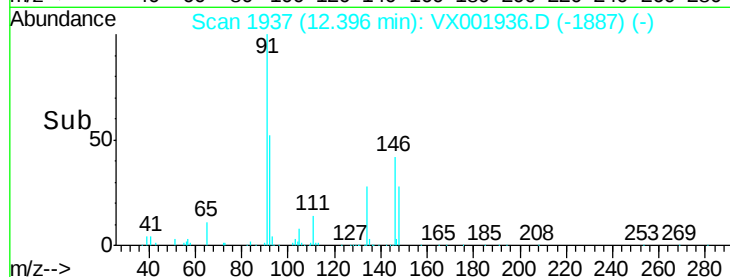


Abundance Ion 91.00 (90.70 to 91.70): VX001936.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001936.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001936.D (-1926) (-)

Time-->

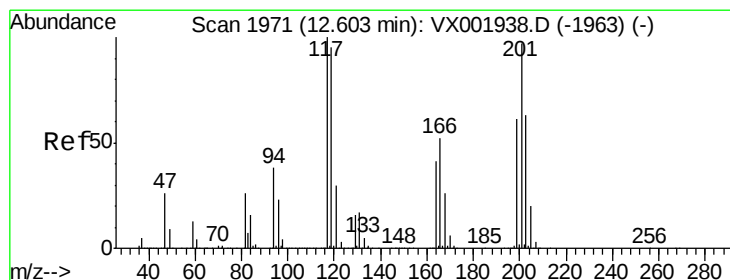


Abundance Ion 91.00 (90.70 to 91.70): VX001936.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001936.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001936.D (-1926) (-)

Time-->



#90

Hexachloroethane

Concen: 5.31 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001936.D

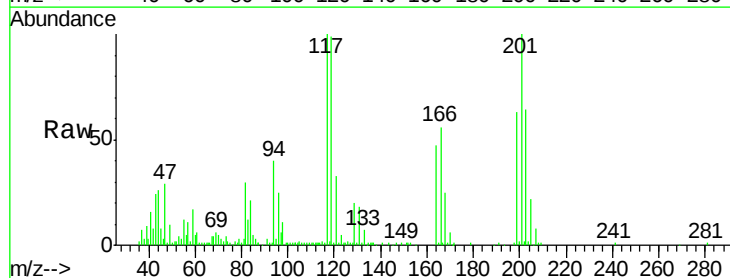
Acq: 24 May 2018 10:53

Tgt Ion: 117 Resp: 19192

Ion Ratio Lower Upper

117 100

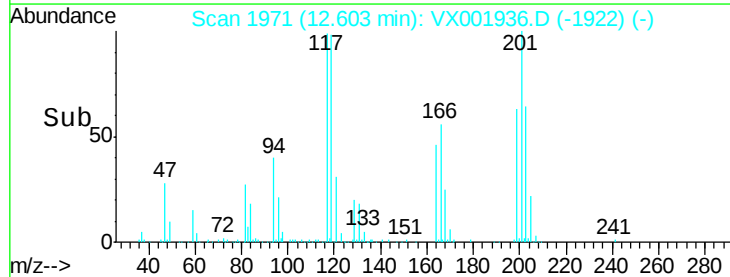
201 96.6 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001936.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001936.D (-1922) (-)

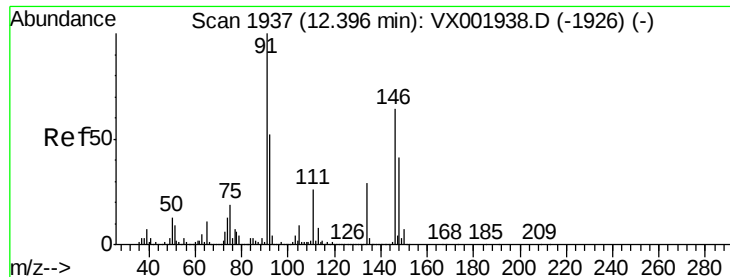
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX001936.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001936.D (-1922) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 5.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

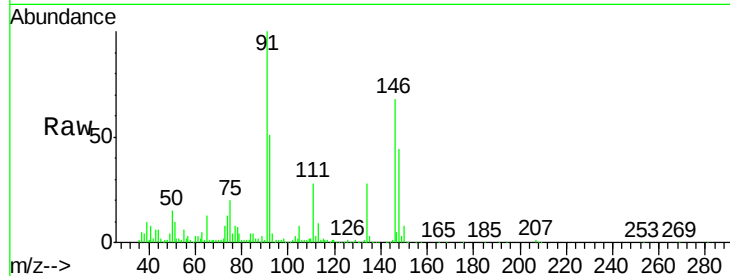
Tgt Ion:146 Resp: 52654

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.3

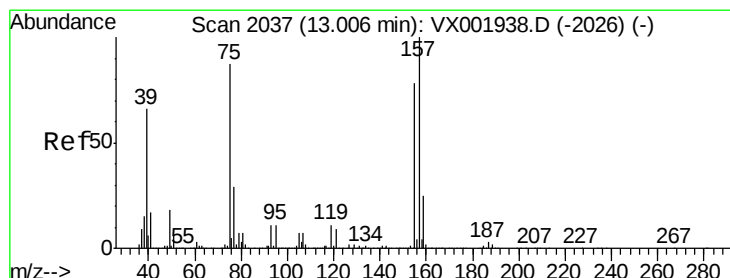
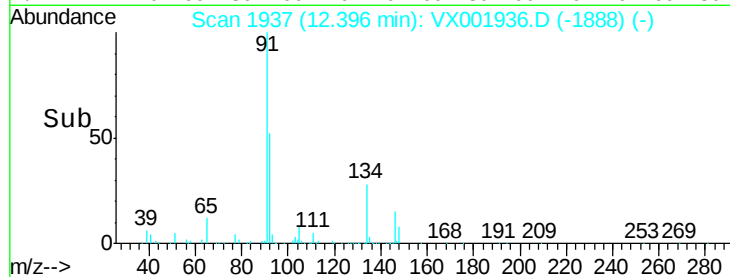
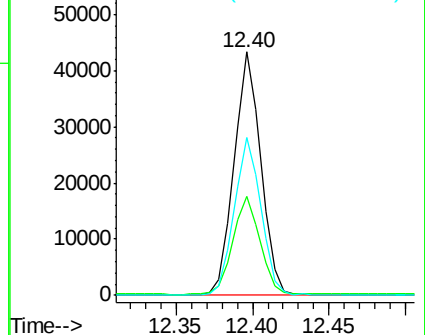
148 65.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.72 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

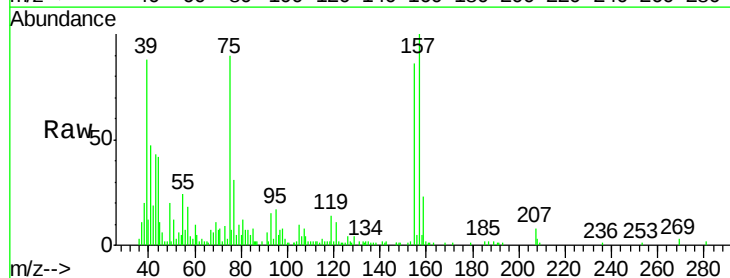
Tgt Ion: 75 Resp: 10324

Ion Ratio Lower Upper

75 100

155 88.1 45.1 135.2

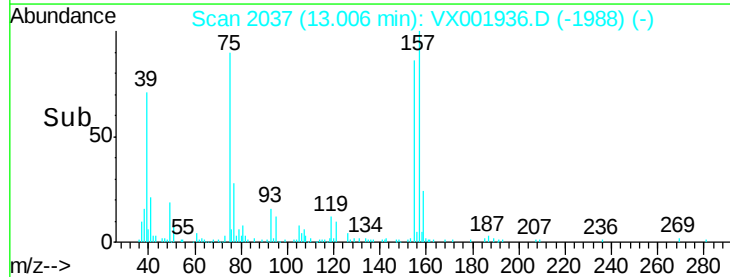
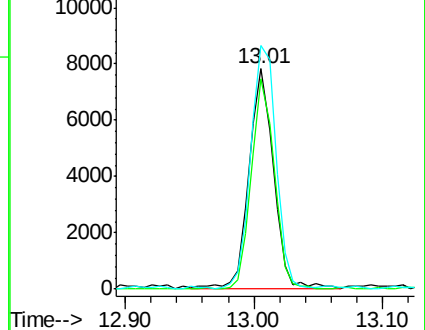
157 113.4 58.1 174.2

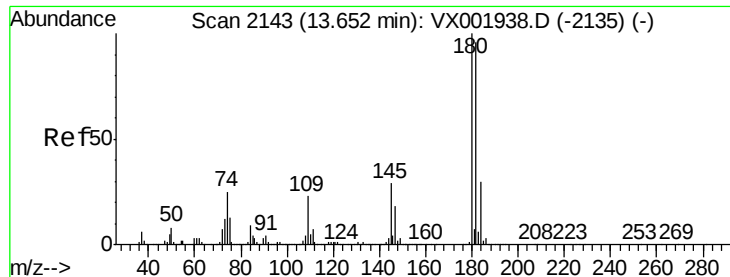


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

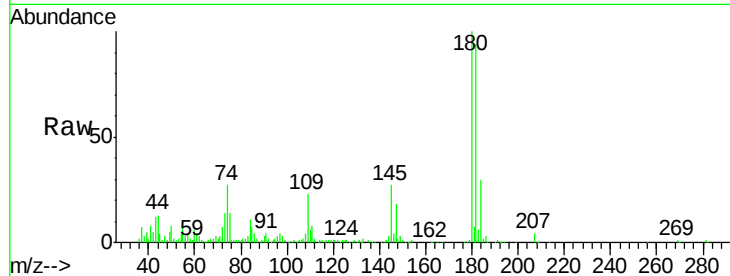




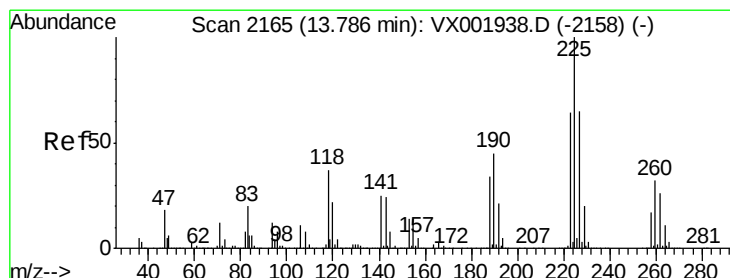
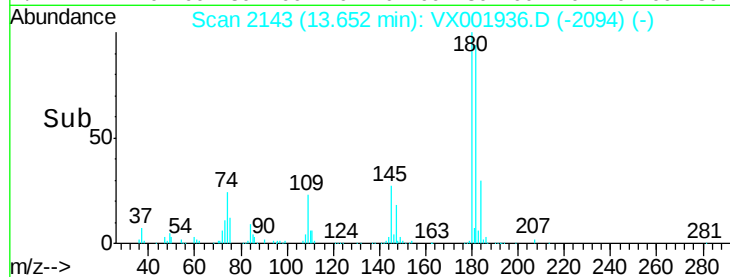
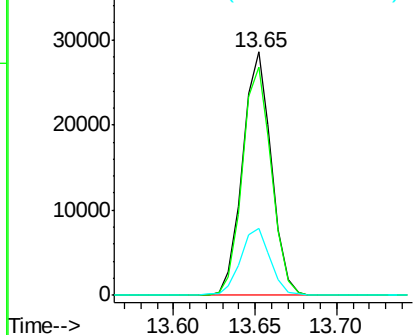
#93
 1,2,4-Trichlorobenzene
 Concen: 4.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 35134
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 28.8 14.4 43.0

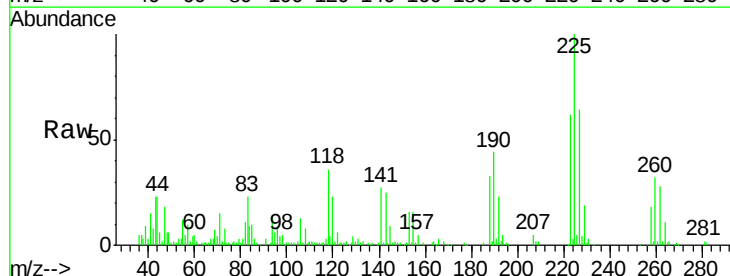


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

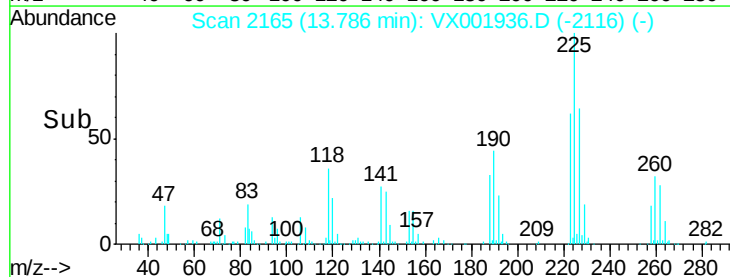
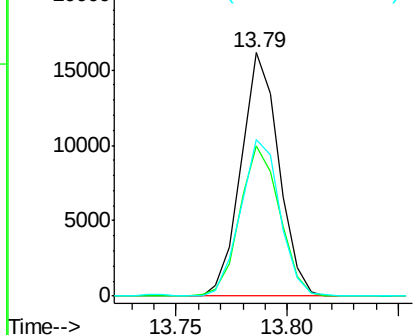


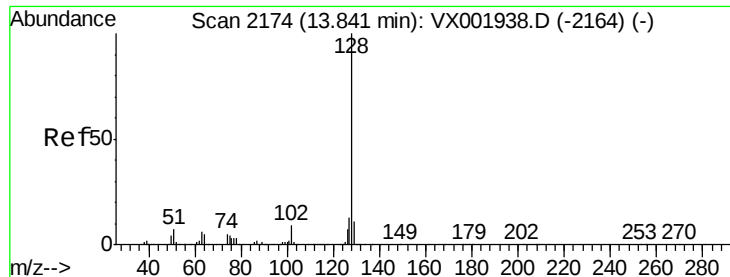
#94
 Hexachlorobutadiene
 Concen: 4.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001936.D
 Acq: 24 May 2018 10:53

Tgt Ion:225 Resp: 19114
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.1 93.5
 227 67.5 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.28 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

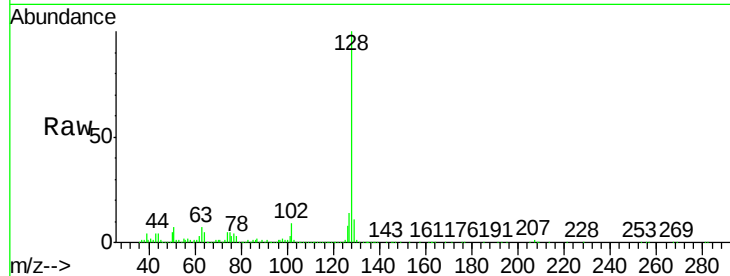
Tgt Ion:128 Resp: 116780

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

120000

100000

80000

60000

40000

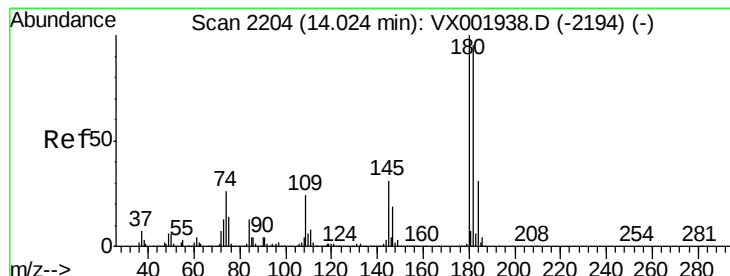
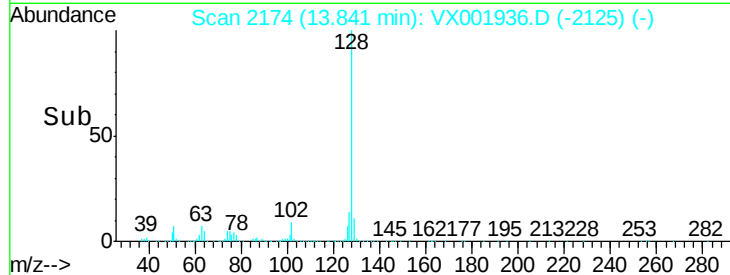
20000

0

13.84

13.75 13.80 13.85 13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 5.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001936.D

Acq: 24 May 2018 10:53

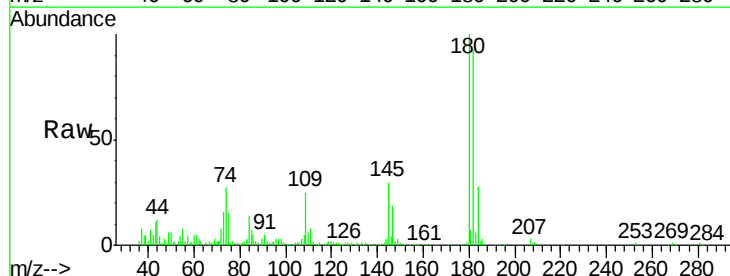
Tgt Ion:180 Resp: 38200

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

40000

30000

20000

10000

0

14.02

13.95 14.00 14.05

Time-->

