

Data File : VX001714.D

Acq On : 14 May 2018 17:23

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: May 15 01:03:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	20593	4.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.28%	
35) Dibromofluoromethane	5.51	113	16342	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	
50) Toluene-d8	8.72	98	55529	4.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.34%	
62) 4-Bromofluorobenzene	11.14	95	21410	4.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	15416	3.83	ug/l	100
3) Chloromethane	1.32	50	16701	4.18	ug/l	98
4) Vinyl Chloride	1.40	62	18191	4.34	ug/l	100
5) Bromomethane	1.64	94	8251	3.38	ug/l	95
6) Chloroethane	1.72	64	11986	4.35	ug/l	100
7) Trichlorofluoromethane	1.93	101	26102	4.16	ug/l	95
8) Diethyl Ether	2.19	74	11244	4.54	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	16031	4.35	ug/l	96
10) Methyl Iodide	2.51	142	12380	2.50	ug/l	98
11) Tert butyl alcohol	3.08	59	19688	21.70	ug/l	97
12) 1,1-Dichloroethene	2.37	96	15381	4.52	ug/l	99
13) Acrolein	2.30	56	14231	50.24	ug/l	99
14) Allyl chloride	2.73	41	27088	4.26	ug/l	96
15) Acrylonitrile	3.15	53	45625	21.68	ug/l	97
16) Acetone	2.45	43	41837	21.07	ug/l	97
17) Carbon Disulfide	2.57	76	35584	4.11	ug/l	97
18) Methyl Acetate	2.78	43	22964	4.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	51319	4.33	ug/l	97
20) Methylene Chloride	2.86	84	17766	4.47	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	16190	4.25	ug/l	88
22) Diisopropyl ether	3.88	45	53548	4.49	ug/l	98
23) Vinyl Acetate	3.83	43	221156	22.96	ug/l	98
24) 1,1-Dichloroethane	3.70	63	30471	4.60	ug/l	97
25) 2-Butanone	4.71	43	60284	20.78	ug/l	96
26) 2,2-Dichloropropane	4.59	77	22904	4.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	17937	4.38	ug/l	94
28) Bromochloromethane	5.03	49	11811	4.05	ug/l	97
29) Tetrahydrofuran	5.17	42	38722	20.80	ug/l	99
30) Chloroform	5.22	83	31646	4.61	ug/l	99
31) Cyclohexane	5.58	56	24351	4.24	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	25926	4.33	ug/l	98
36) 1,1-Dichloropropene	5.81	75	22158	4.27	ug/l	98
37) Ethyl Acetate	4.87	43	23832	4.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	23254	4.22	ug/l	94

Data File : VX001714.D

Acq On : 14 May 2018 17:23

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: May 15 01:03:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24366	3.97	ug/l	96
40) Benzene	6.15	78	68041	4.49	ug/l	98
41) Methacrylonitrile	5.07	41	13836	4.26	ug/l	97
42) 1,2-Dichloroethane	6.20	62	26059	4.51	ug/l	100
43) Isopropyl Acetate	6.48	43	35929	4.14	ug/l	99
44) Trichloroethene	7.21	130	21074	4.52	ug/l	99
45) 1,2-Dichloropropane	7.52	63	16695	4.41	ug/l	99
46) Dibromomethane	7.67	93	11762	4.41	ug/l	97
47) Bromodichloromethane	7.90	83	20043	4.06	ug/l	95
48) Methyl methacrylate	7.78	41	18772	3.98	ug/l	97
49) 1,4-Dioxane	7.76	88	7230	72.53	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	116457	20.24	ug/l	99
52) Toluene	8.79	92	43901	4.43	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	22567	4.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	19951	3.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	17089	4.32	ug/l	95
56) Ethyl methacrylate	9.19	69	21566	3.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	29497	4.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	61119	21.70	ug/l	100
59) 2-Hexanone	9.51	43	85113	19.56	ug/l	96
60) Dibromochloromethane	9.59	129	15191	3.77	ug/l	99
61) 1,2-Dibromoethane	9.68	107	17373	4.19	ug/l	99
64) Tetrachloroethene	9.34	164	24130	4.65	ug/l	98
65) Chlorobenzene	10.15	112	49929	4.57	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	16353	4.20	ug/l	100
67) Ethyl Benzene	10.26	91	76281	4.26	ug/l	99
68) m/p-Xylenes	10.37	106	60079	8.51	ug/l	99
69) o-Xylene	10.71	106	28698	4.19	ug/l	100
70) Styrene	10.72	104	45903	4.12	ug/l	99
71) Bromoform	10.86	173	11568	3.63	ug/l #	97
73) Isopropylbenzene	11.02	105	77759	4.55	ug/l	98
74) N-amyl acetate	6.48	43	35929	4.58	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	23779	4.72	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	26594	5.30	ug/l	88
77) Bromobenzene	11.26	156	22825	4.58	ug/l	97
78) n-propylbenzene	11.37	91	85917	4.61	ug/l	98
79) 2-Chlorotoluene	11.43	91	52781	4.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	63317	4.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	4935	3.73	ug/l #	74
82) 4-Chlorotoluene	11.52	91	61983	4.70	ug/l	100
83) tert-Butylbenzene	11.77	119	60352	4.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	64800	4.44	ug/l	100
85) sec-Butylbenzene	11.95	105	76071	4.48	ug/l	98
86) p-Isopropyltoluene	12.07	119	70360	4.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	41849	4.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	43835	4.83	ug/l	93
89) n-Butylbenzene	12.40	91	58352	4.50	ug/l	99
90) Hexachloroethane	12.60	117	9910	4.19	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	41918	4.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4418	4.01	ug/l	99

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

Data File : VX001714.D
Acq On : 14 May 2018 17:23
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 15 01:03:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

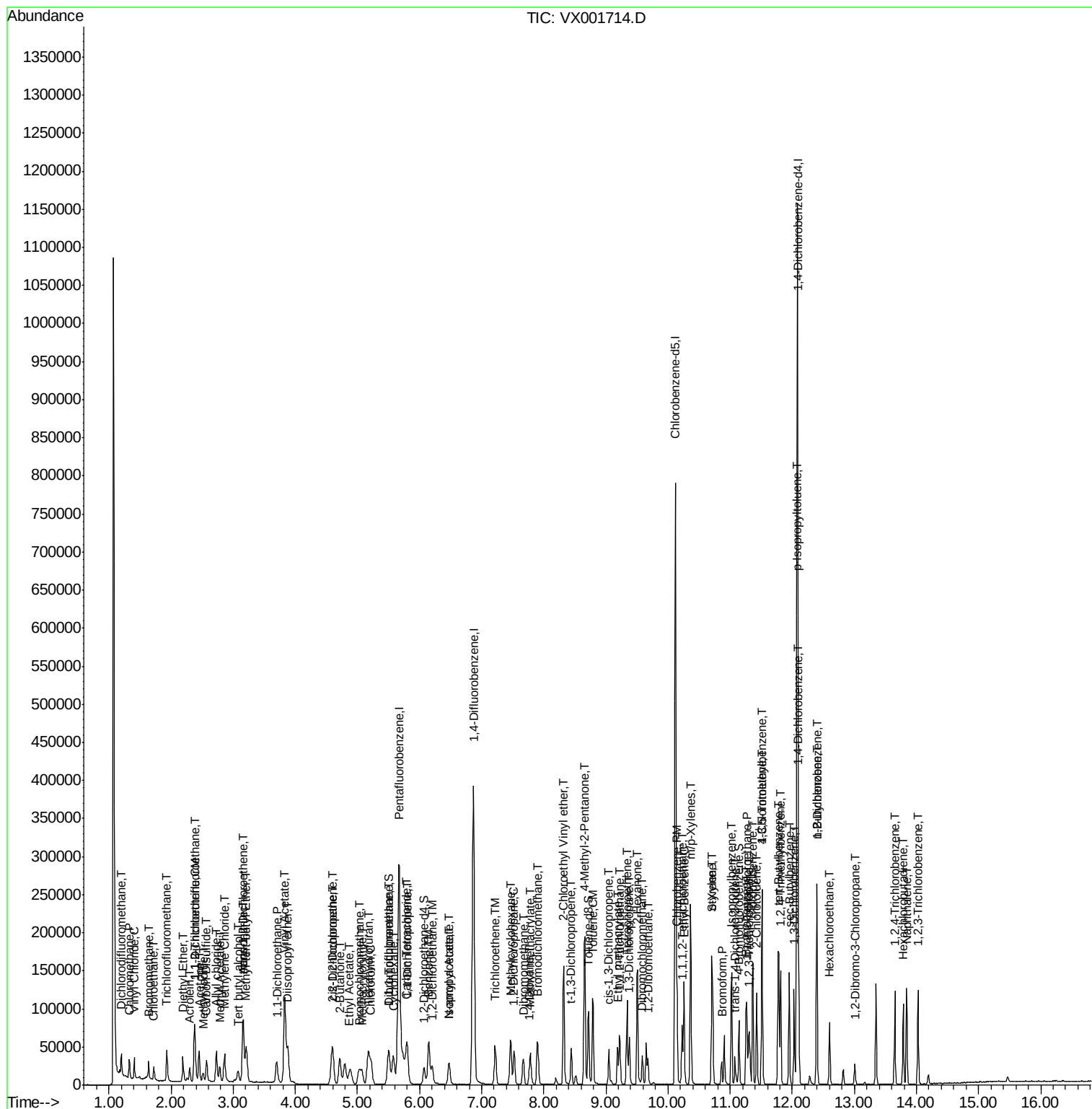
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	31722	4.75	ug/l	99
94) Hexachlorobutadiene	13.79	225	17387	4.76	ug/l	98
95) Naphthalene	13.84	128	78706	4.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	32105	4.70	ug/l	100

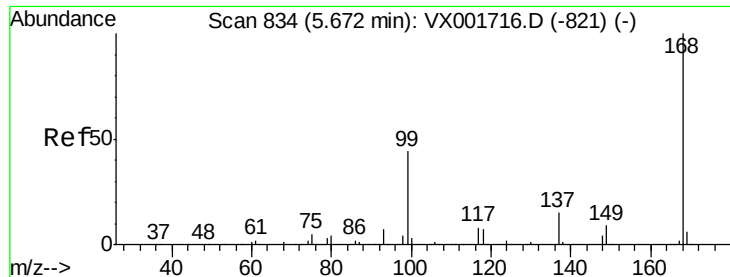
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 10      Sample Multiplier: 1
```

VSTDICC005

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

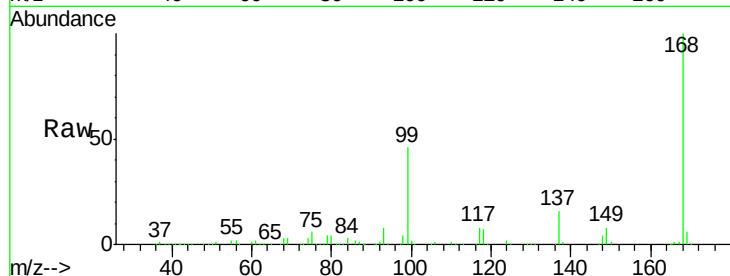
VSTDIC005

Tgt Ion:168 Resp: 313813

Ion Ratio Lower Upper

168 100

99 46.2 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

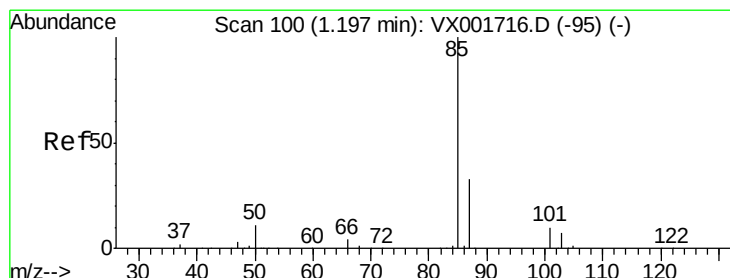
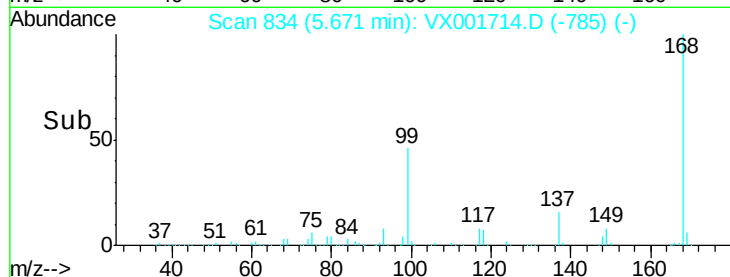
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001714.D

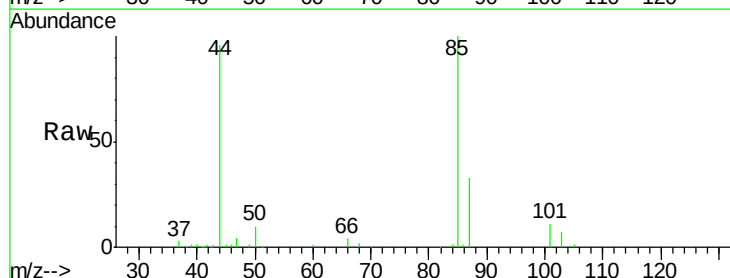
Acq: 14 May 2018 17:23

Tgt Ion: 85 Resp: 15416

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

15000

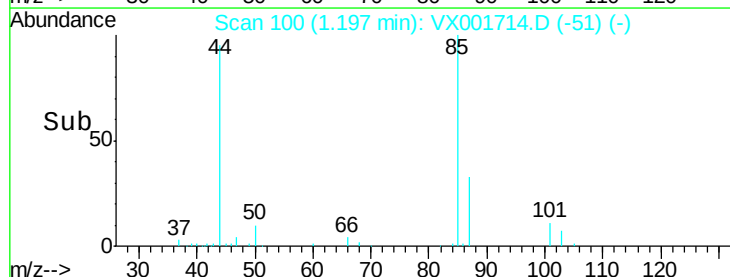
10000

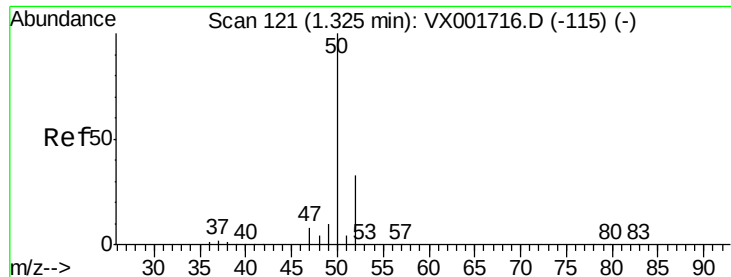
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 4.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

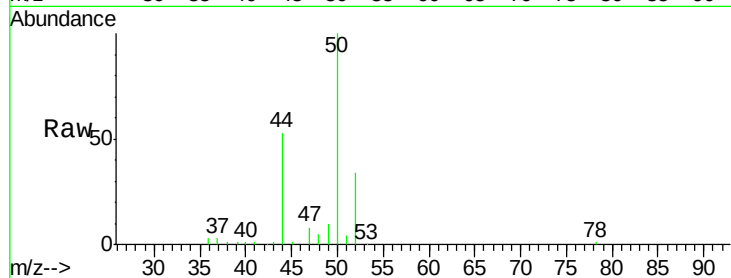
VSTDIC005

Tgt Ion: 50 Resp: 16701

Ion Ratio Lower Upper

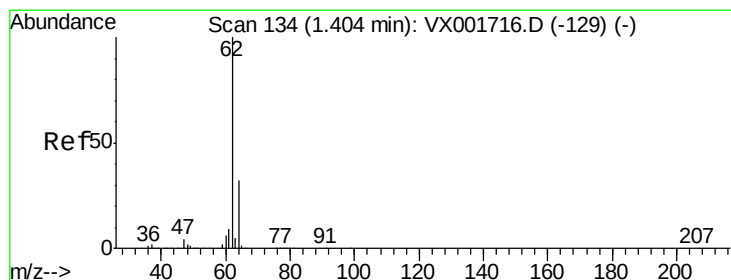
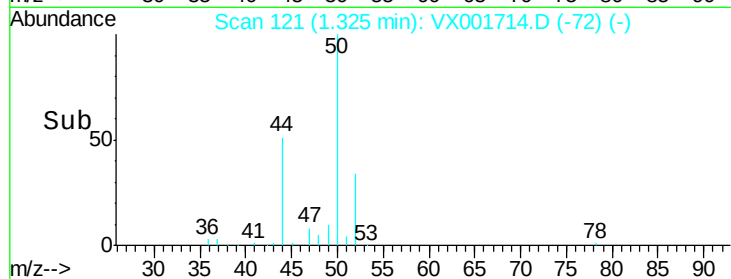
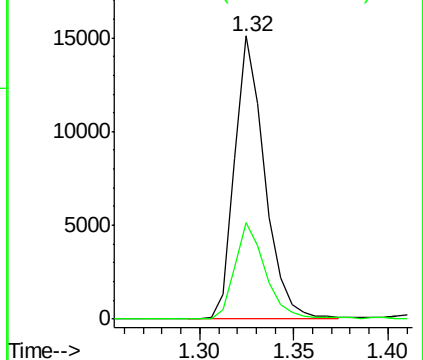
50 100

52 34.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001714.D

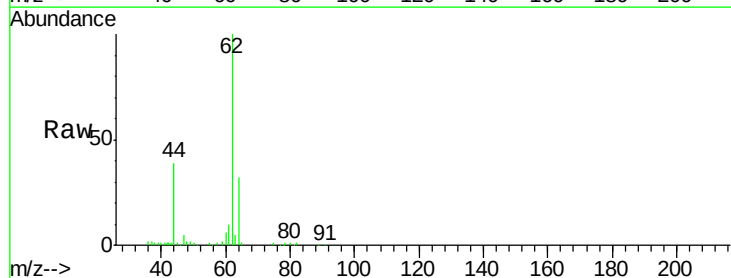
Acq: 14 May 2018 17:23

Tgt Ion: 62 Resp: 18191

Ion Ratio Lower Upper

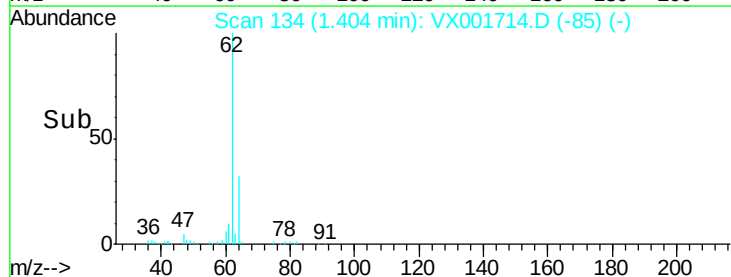
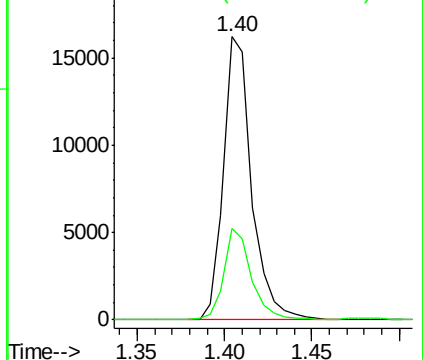
62 100

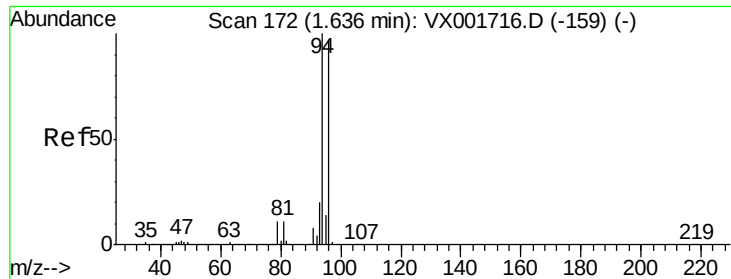
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

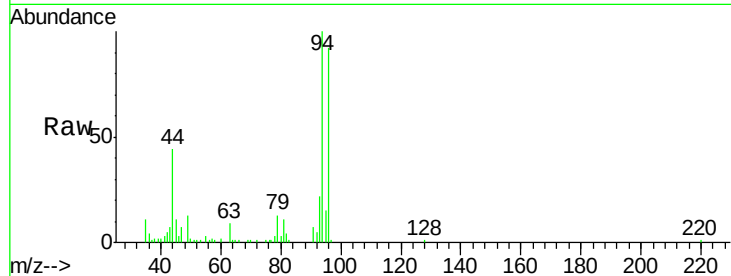
VSTDIC005

Tgt Ion: 94 Resp: 8251

Ion Ratio Lower Upper

94 100

96 92.2 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

8000

6000

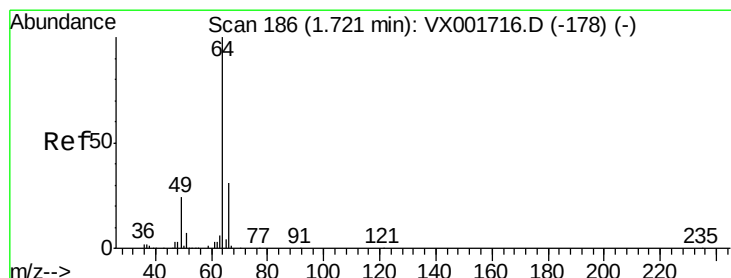
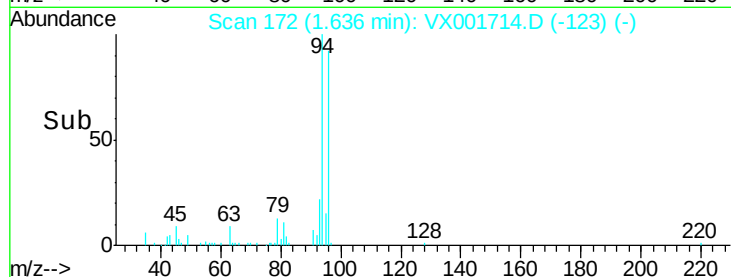
4000

2000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 4.35 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001714.D

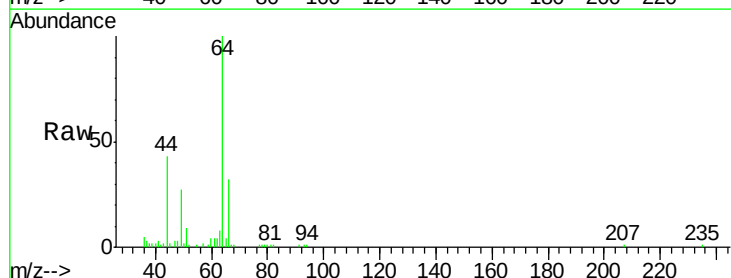
Acq: 14 May 2018 17:23

Tgt Ion: 64 Resp: 11986

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

10000

8000

6000

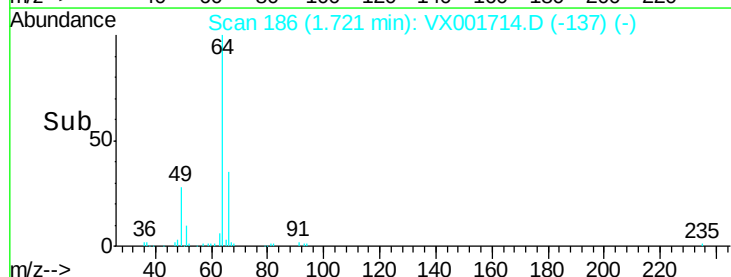
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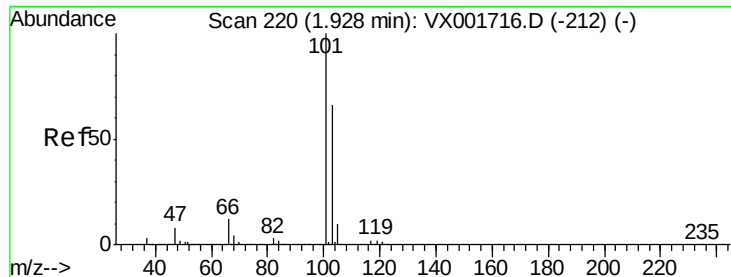
2000

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 4.16 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

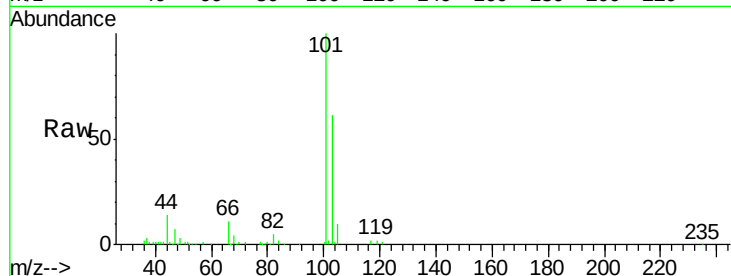
VSTDIC005

Tgt Ion:101 Resp: 26102

Ion Ratio Lower Upper

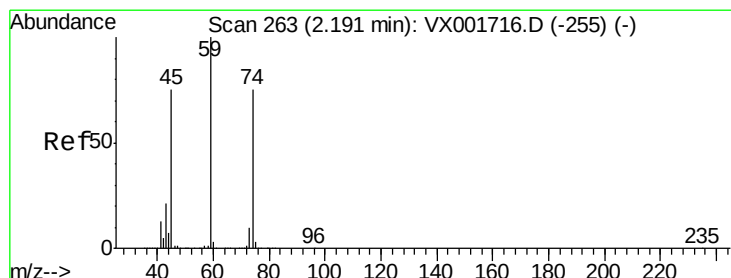
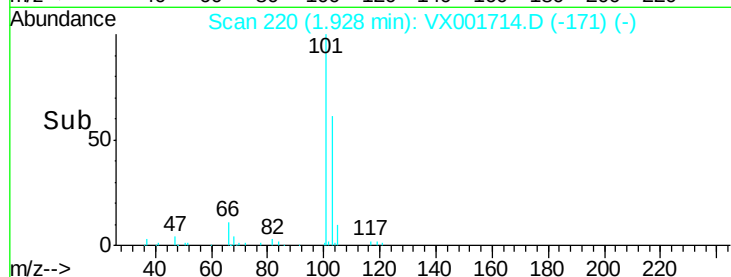
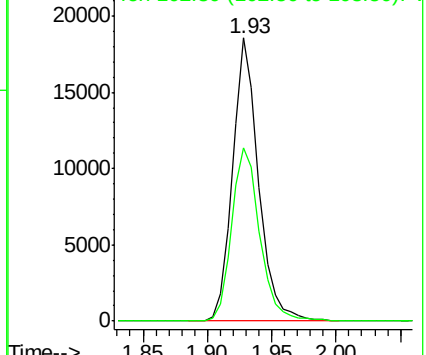
101 100

103 61.4 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.54 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001714.D

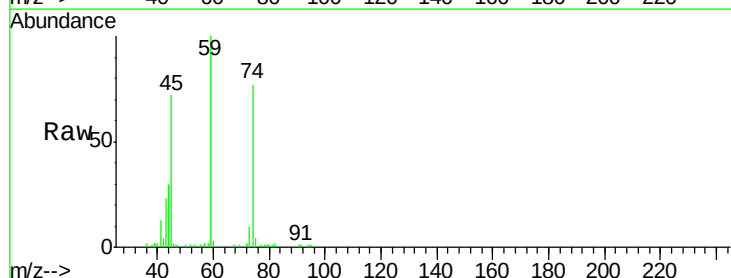
Acq: 14 May 2018 17:23

Tgt Ion: 74 Resp: 11244

Ion Ratio Lower Upper

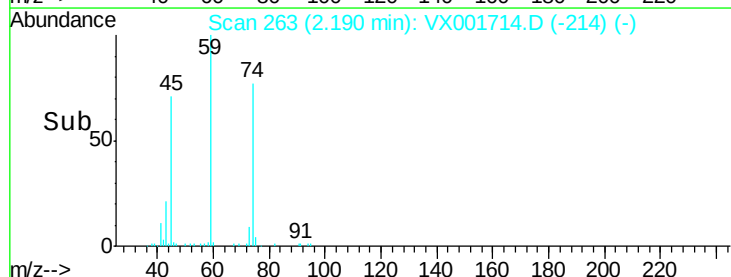
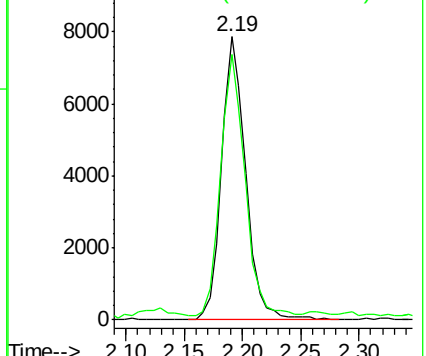
74 100

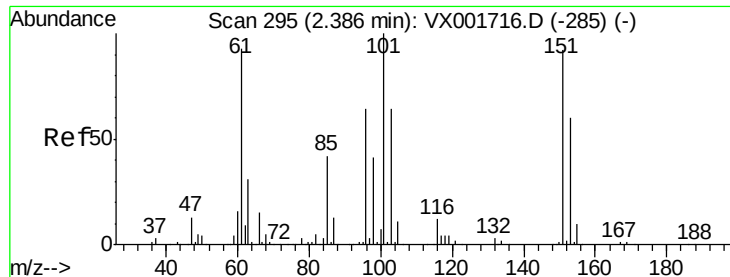
45 92.7 50.0 149.8



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: 4.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

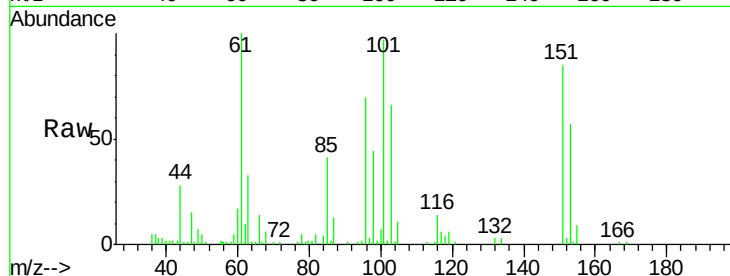
Tgt Ion:101 Resp: 16031

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

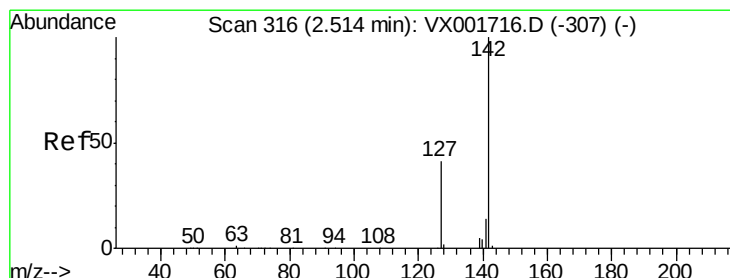
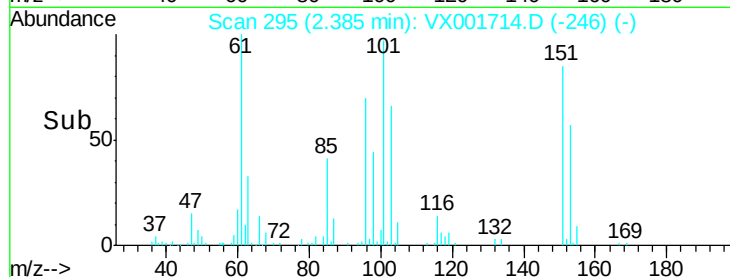
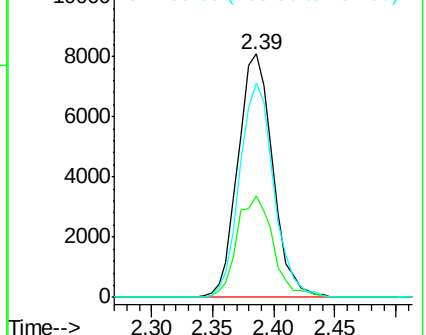
151 86.4 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

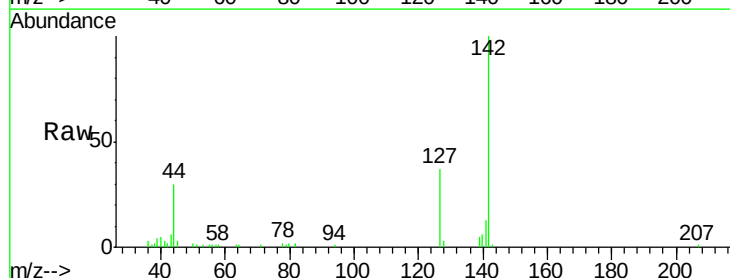
Tgt Ion:142 Resp: 12380

Ion Ratio Lower Upper

142 100

127 39.5 32.5 48.7

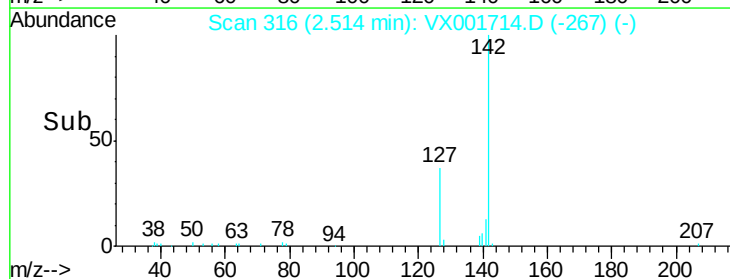
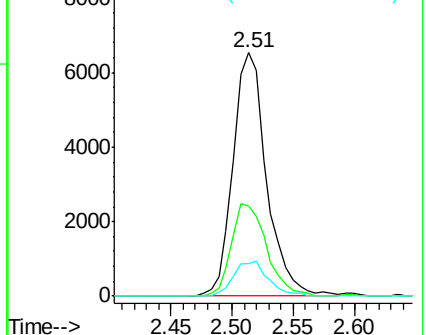
141 15.0 11.4 17.0

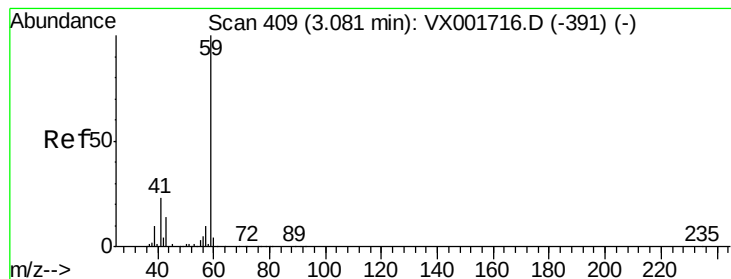


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 21.70 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

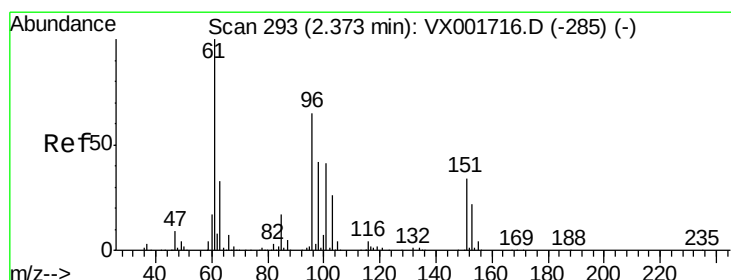
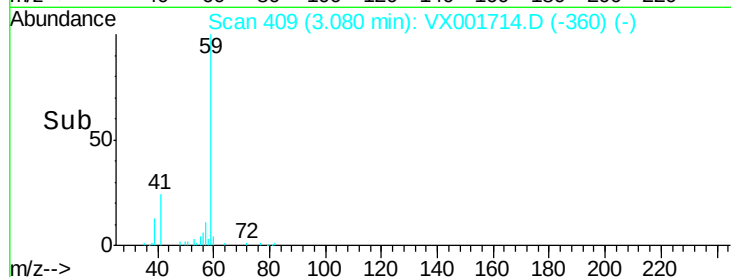
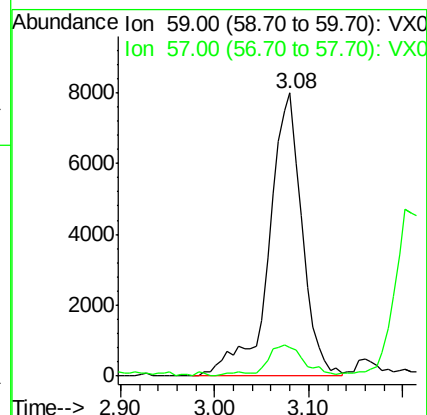
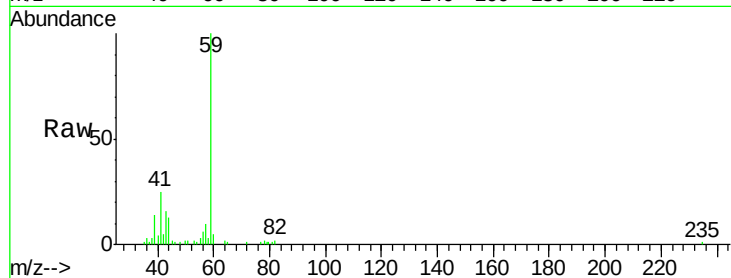
VSTDIC005

Tgt Ion: 59 Resp: 19688

Ion Ratio Lower Upper

59 100

57 11.6 8.5 12.7



#12

1,1-Dichloroethene

Concen: 4.52 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

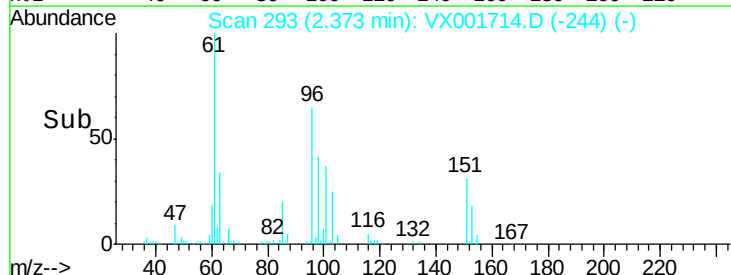
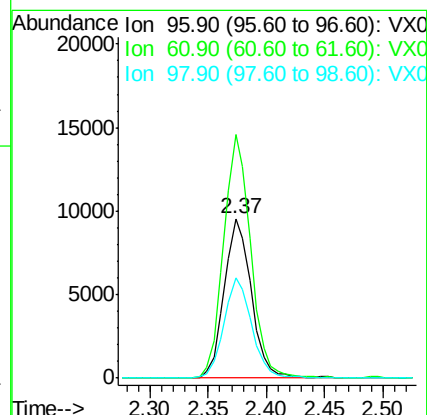
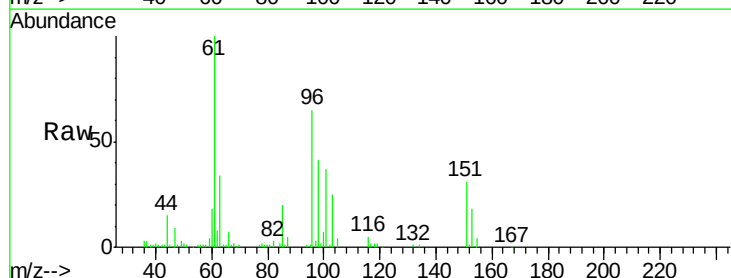
Tgt Ion: 96 Resp: 15381

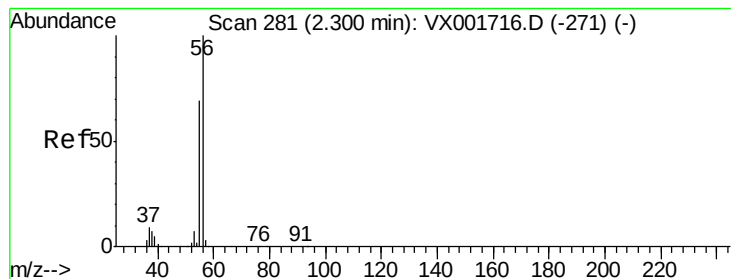
Ion Ratio Lower Upper

96 100

61 152.9 122.2 183.2

98 62.9 51.4 77.0





#13

Acrolein

Concen: 50.24 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

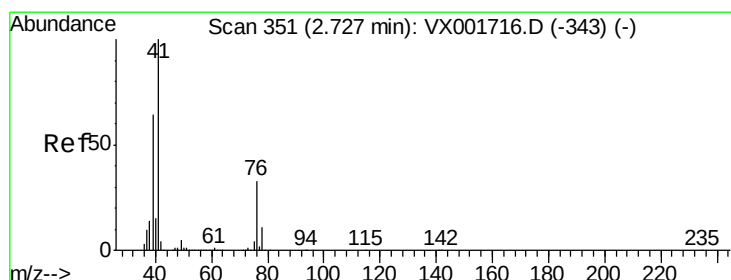
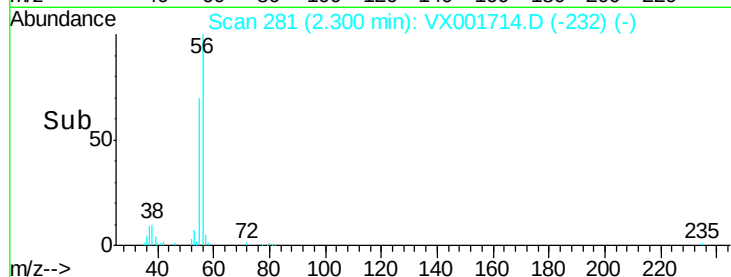
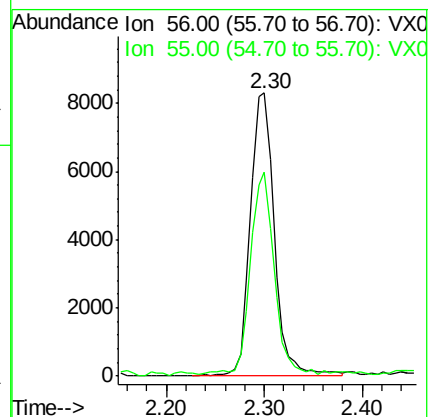
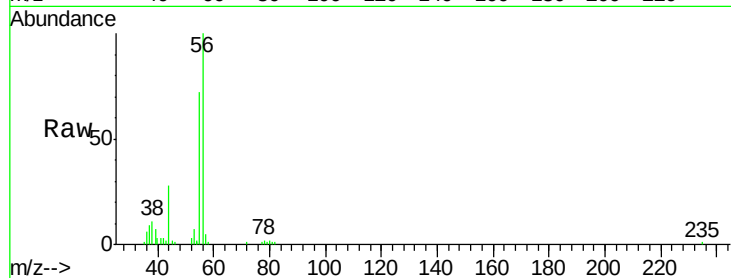
VSTDIC005

Tgt Ion: 56 Resp: 14231

Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.2



#14

Allyl chloride

Concen: 4.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

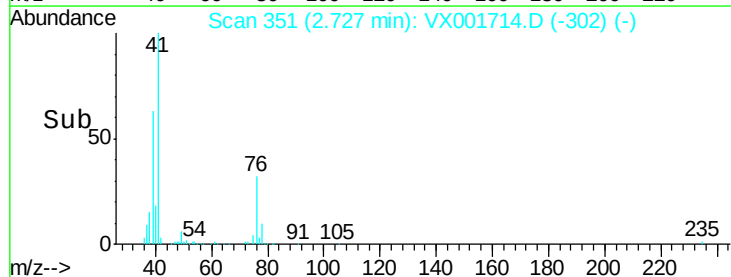
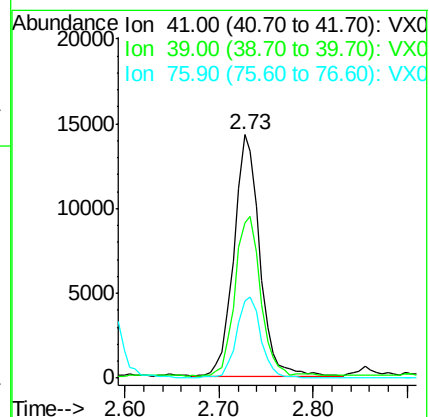
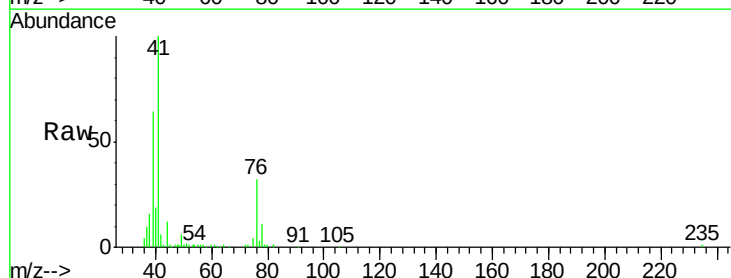
Tgt Ion: 41 Resp: 27088

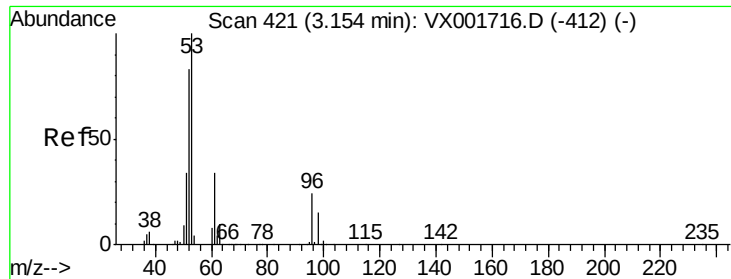
Ion Ratio Lower Upper

41 100

39 66.5 49.8 74.6

76 32.4 25.8 38.8





#15

Acrylonitrile

Concen: 21.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

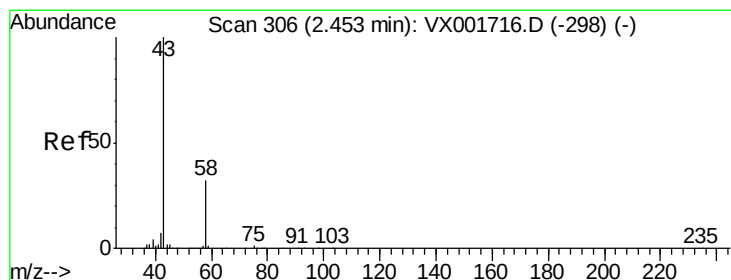
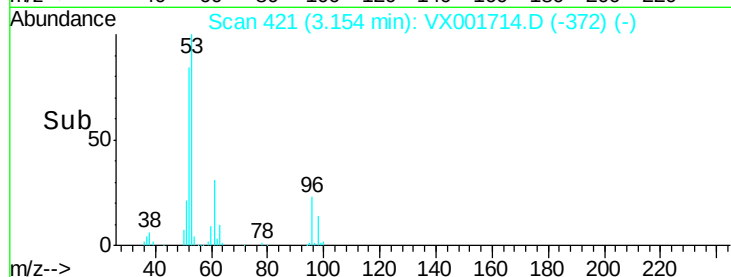
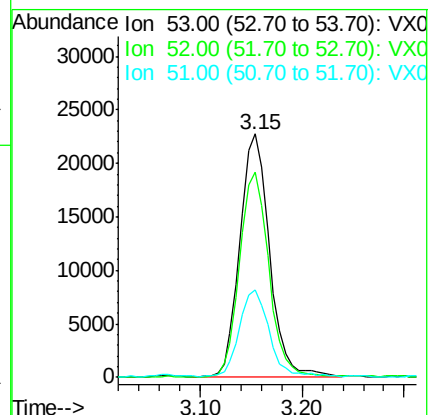
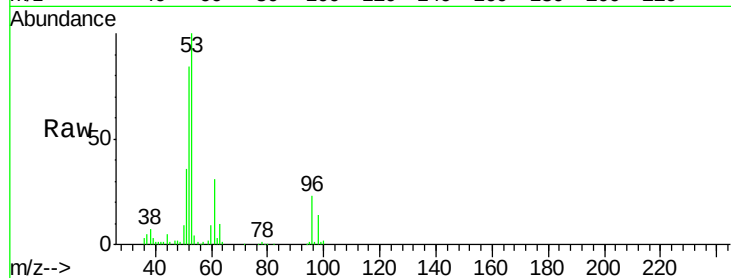
Tgt Ion: 53 Resp: 45625

Ion Ratio Lower Upper

53 100

52 84.5 65.6 98.4

51 36.4 28.1 42.1



#16

Acetone

Concen: 21.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001714.D

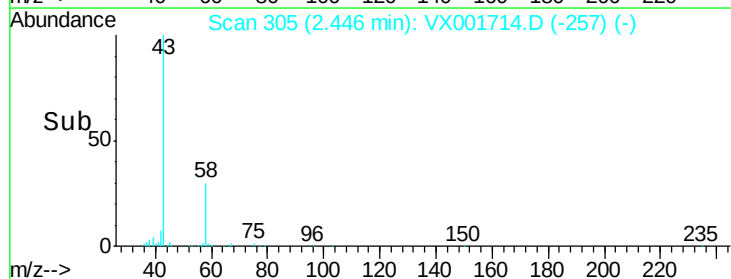
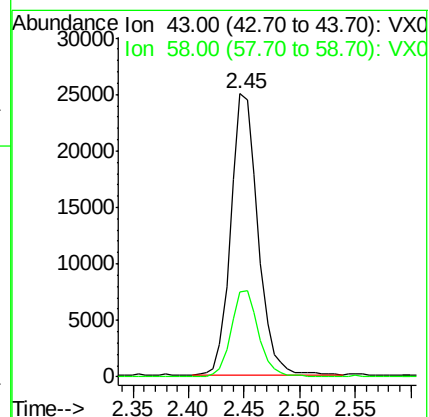
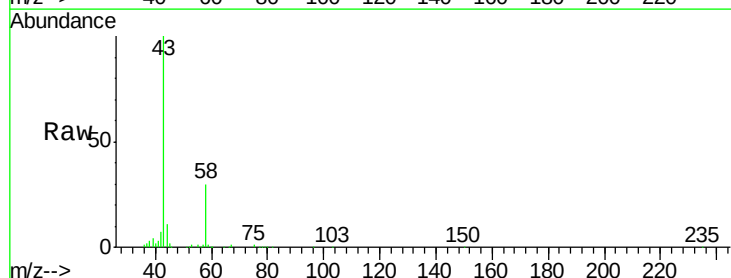
Acq: 14 May 2018 17:23

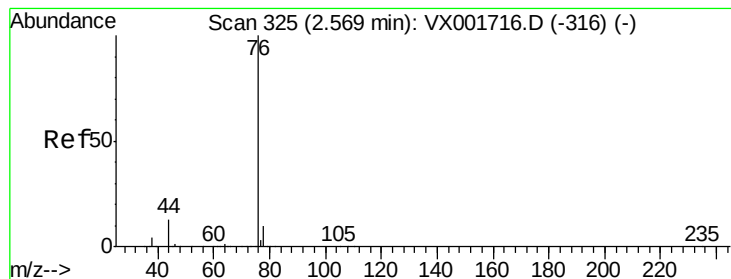
Tgt Ion: 43 Resp: 41837

Ion Ratio Lower Upper

43 100

58 30.2 25.3 37.9





#17

Carbon Disulfide

Concen: 4.11 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

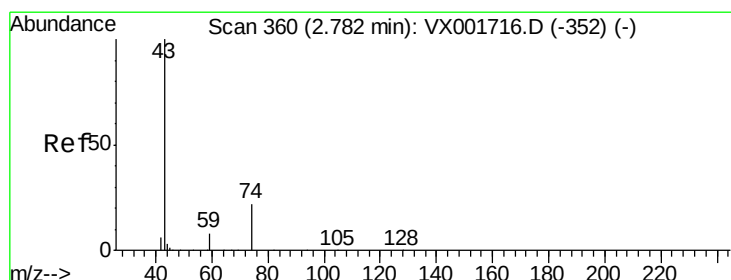
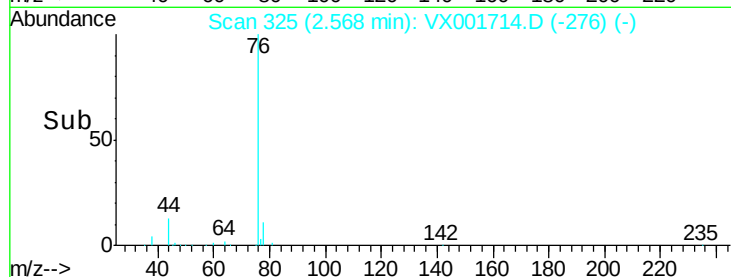
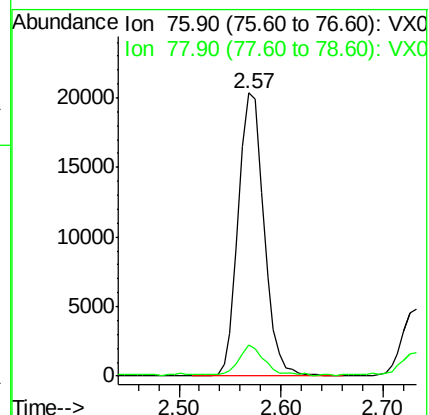
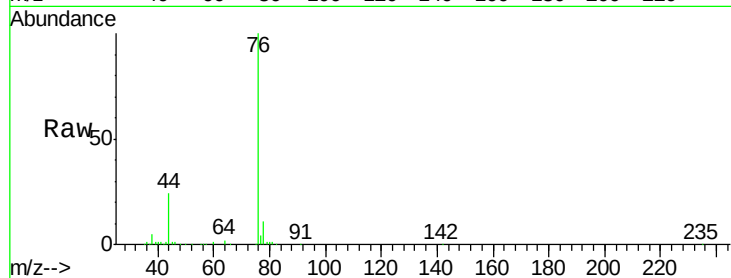
VSTDIC005

Tgt Ion: 76 Resp: 35584

Ion Ratio Lower Upper

76 100

78 10.7 7.6 11.4



#18

Methyl Acetate

Concen: 4.31 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001714.D

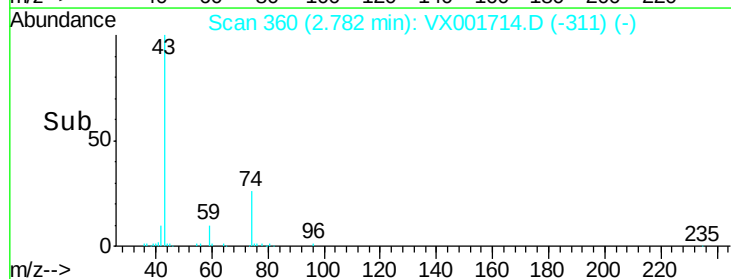
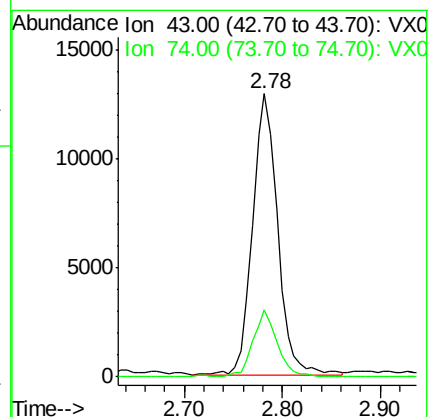
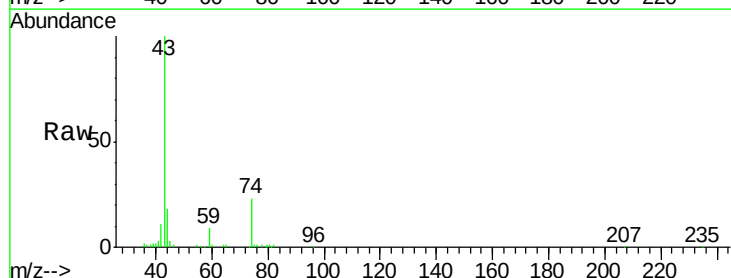
Acq: 14 May 2018 17:23

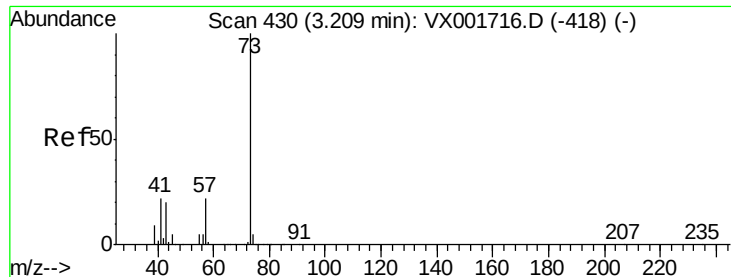
Tgt Ion: 43 Resp: 22964

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 4.33 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

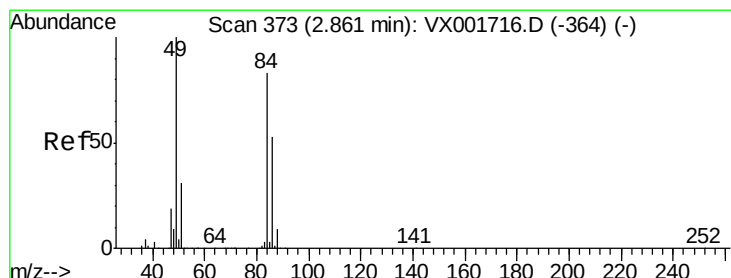
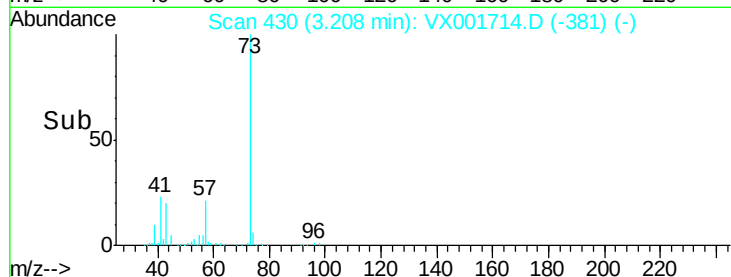
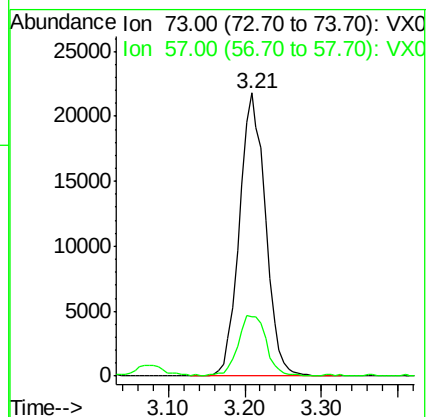
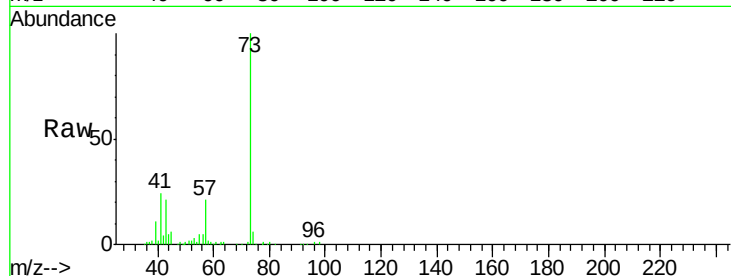
VSTDIC005

Tgt Ion: 73 Resp: 51319

Ion Ratio Lower Upper

73 100

57 20.5 17.5 26.3



#20

Methylene Chloride

Concen: 4.47 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion: 84 Resp: 17766

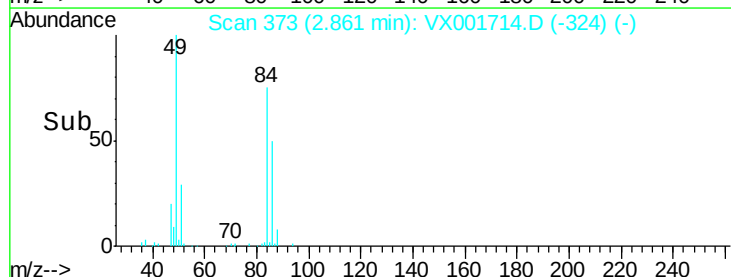
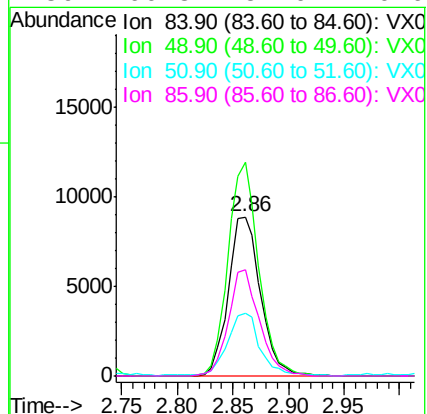
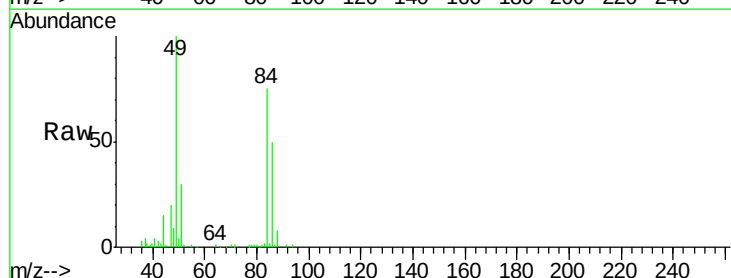
Ion Ratio Lower Upper

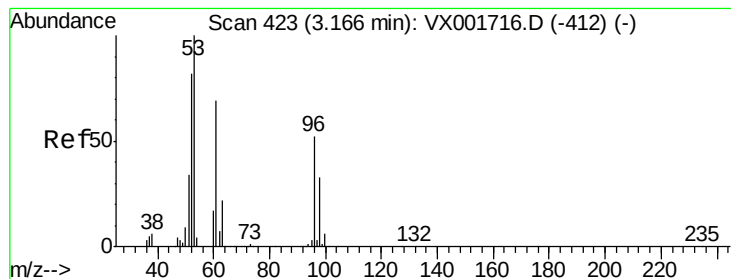
84 100

49 134.0 96.3 144.5

51 39.6 29.8 44.6

86 66.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 4.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

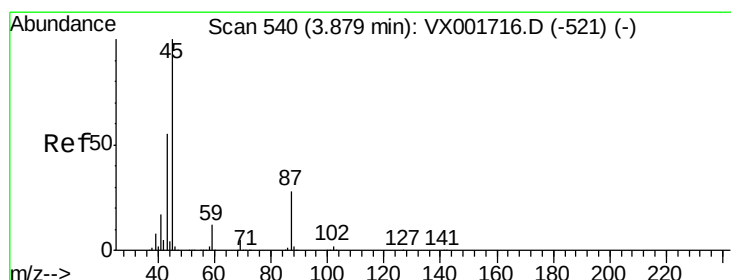
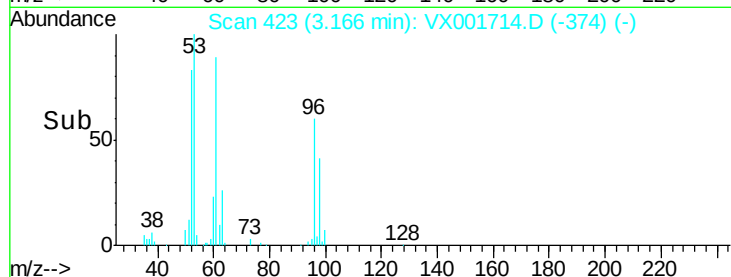
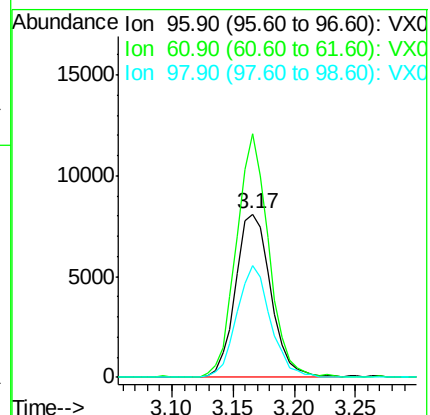
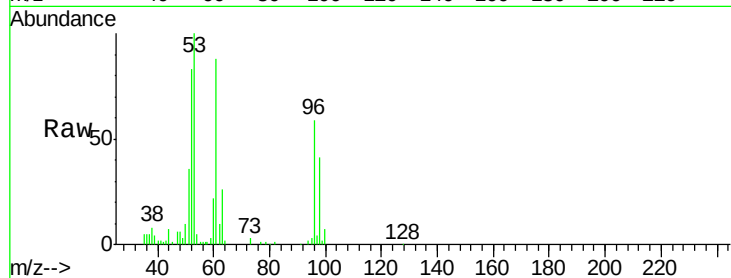
Tgt Ion: 96 Resp: 16190

Ion Ratio Lower Upper

96 100

61 148.8 105.8 158.8

98 68.6 50.2 75.4



#22

Diisopropyl ether

Concen: 4.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion: 45 Resp: 53548

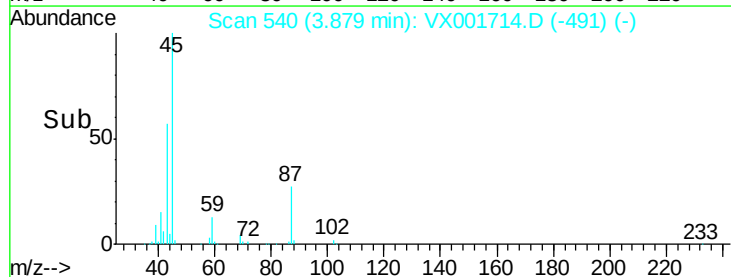
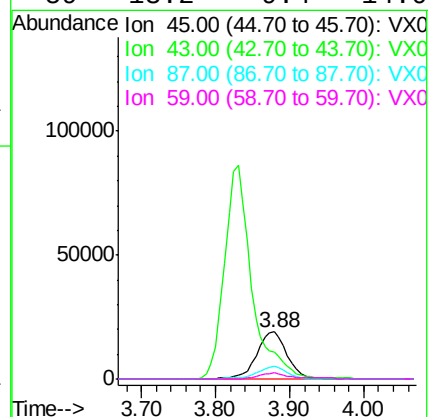
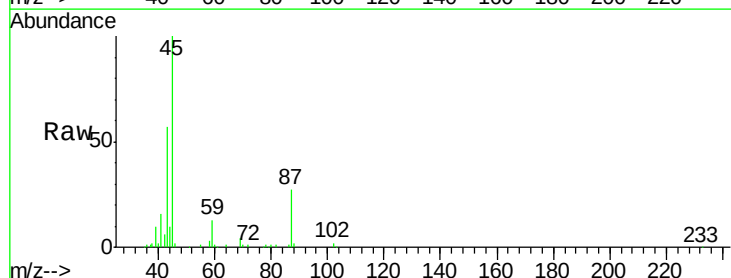
Ion Ratio Lower Upper

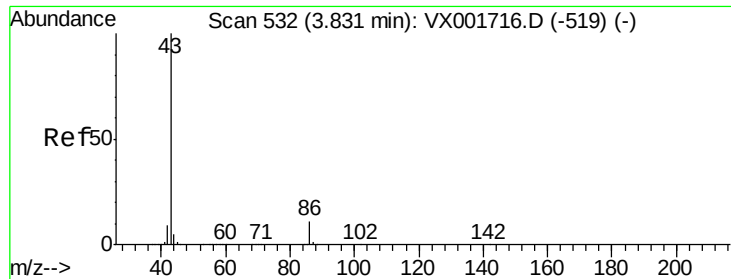
45 100

43 56.2 44.3 66.5

87 27.2 22.6 33.8

59 13.2 9.4 14.0

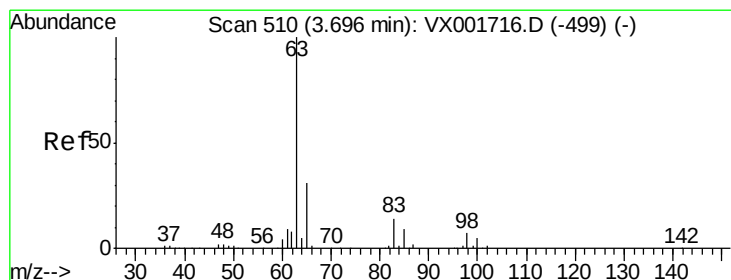
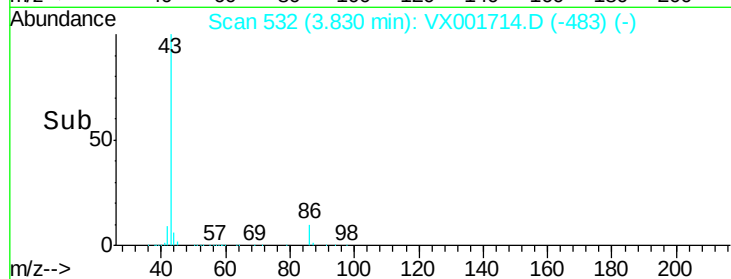
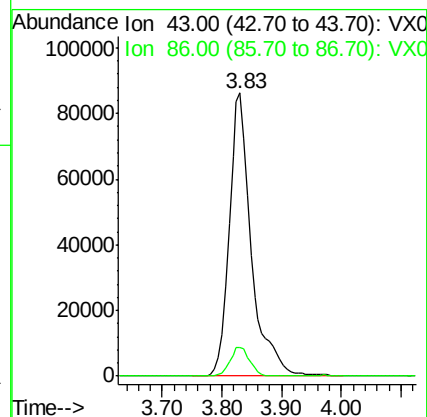
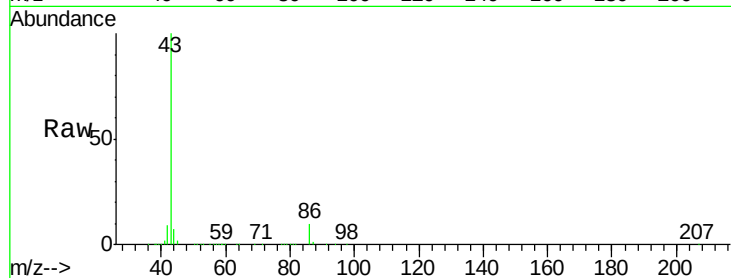




#23
 Vinyl Acetate
 Concen: 22.96 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

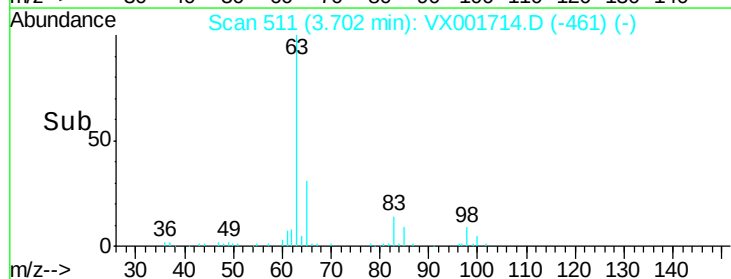
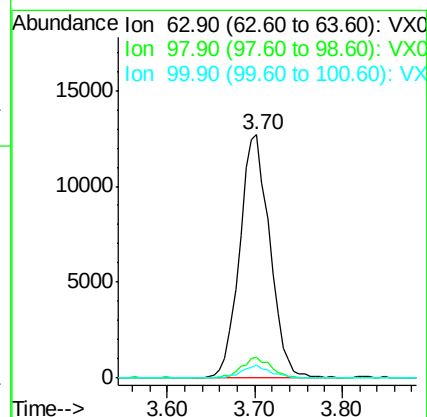
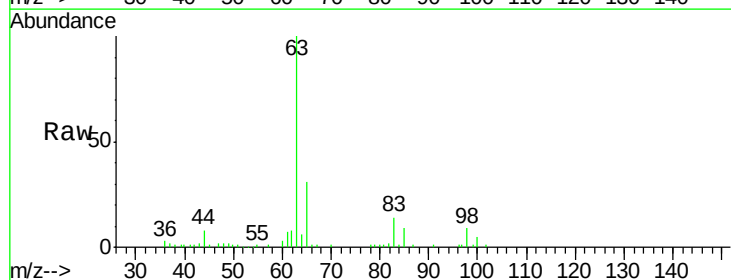
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

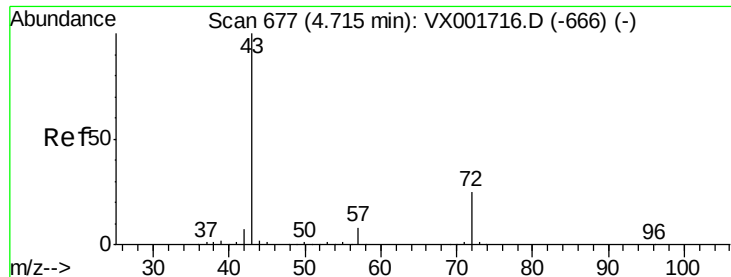
Tgt Ion: 43 Resp: 221156
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 4.60 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 63 Resp: 30471
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.7 11.1
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 20.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

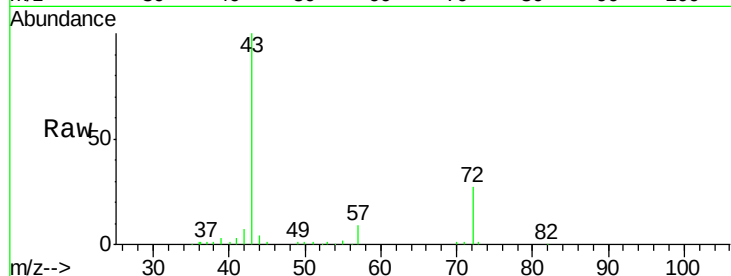
VSTDIC005

Tgt Ion: 43 Resp: 60284

Ion Ratio Lower Upper

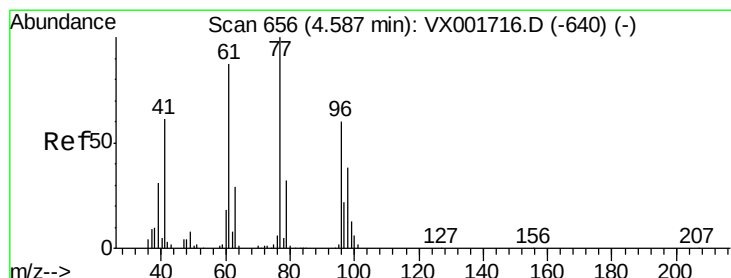
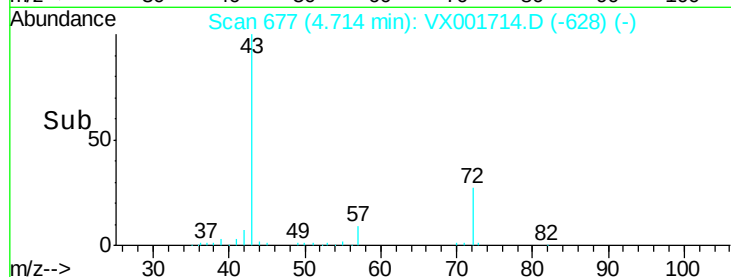
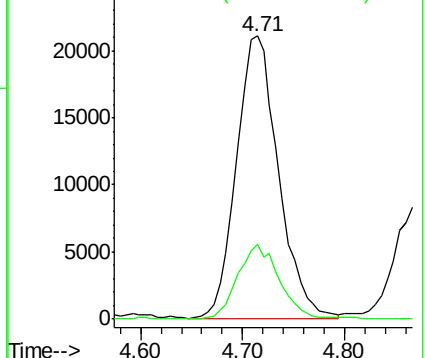
43 100

72 26.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001714.D

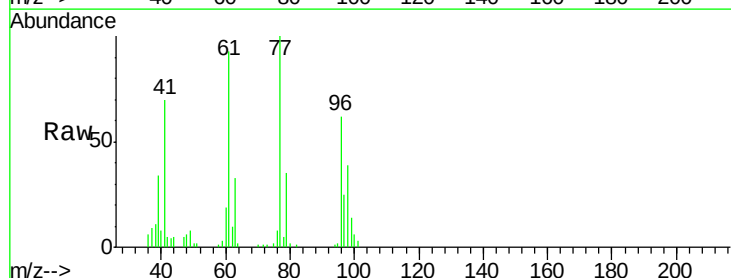
Acq: 14 May 2018 17:23

Tgt Ion: 77 Resp: 22904

Ion Ratio Lower Upper

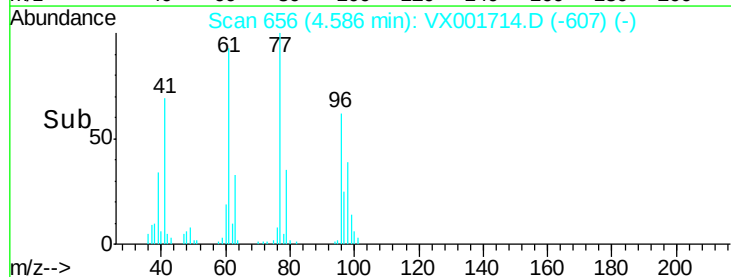
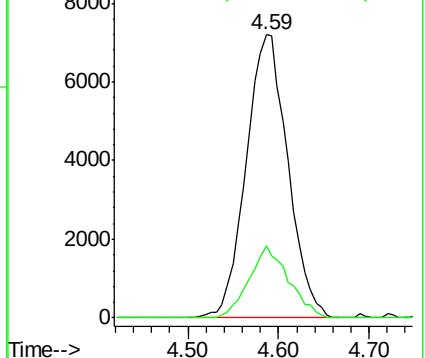
77 100

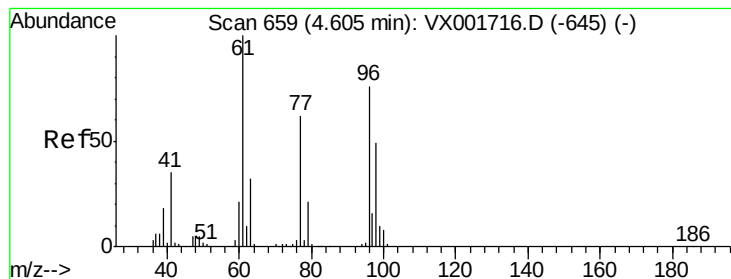
97 23.9 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

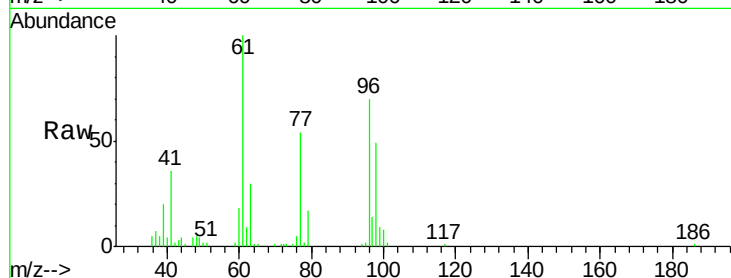
Tgt Ion: 96 Resp: 17937

Ion Ratio Lower Upper

96 100

61 148.5 0.0 280.4

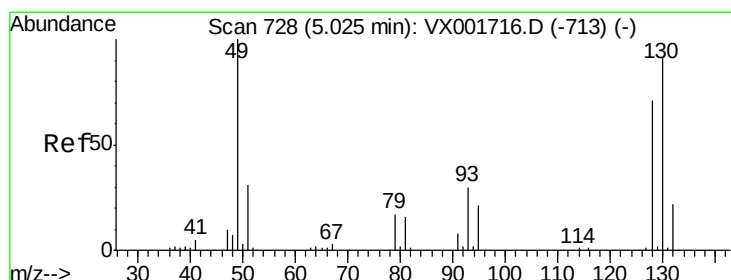
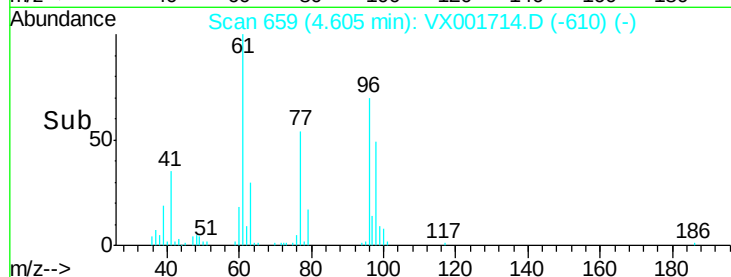
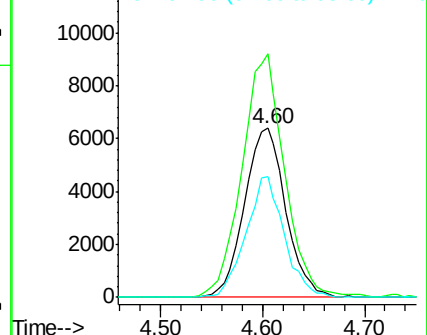
98 66.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 4.05 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

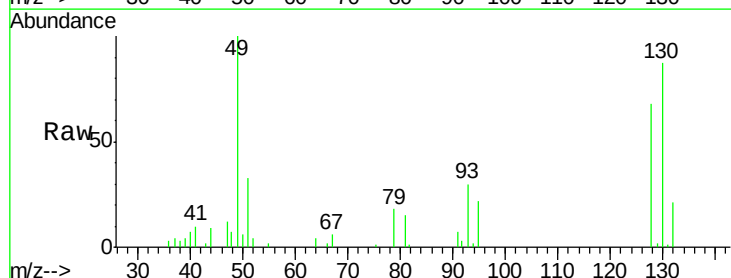
Tgt Ion: 49 Resp: 11811

Ion Ratio Lower Upper

49 100

129 1.7 0.0 5.0

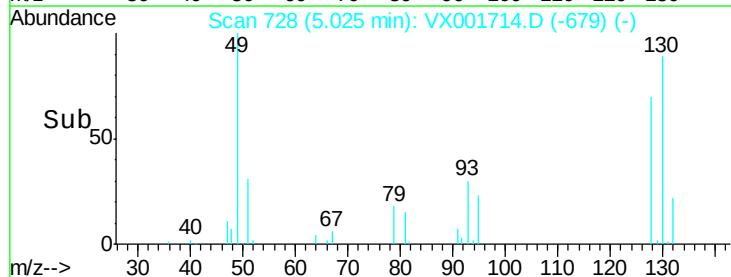
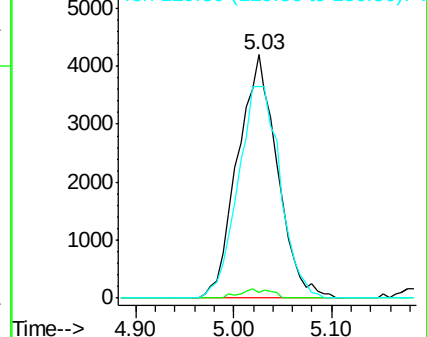
130 92.3 71.8 107.6

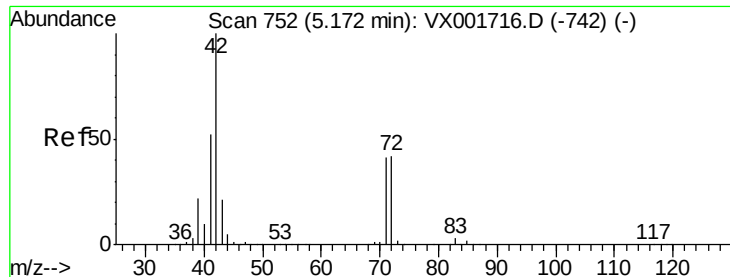


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 20.80 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

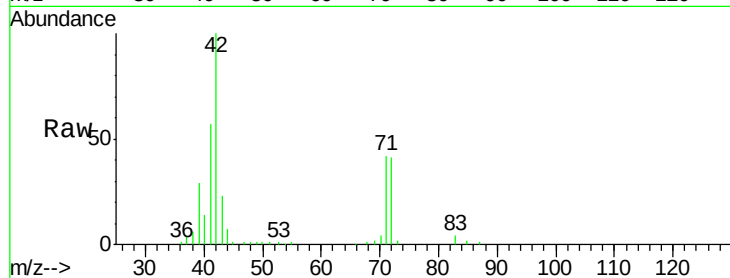
Tgt Ion: 42 Resp: 38722

Ion Ratio Lower Upper

42 100

72 43.6 35.4 53.2

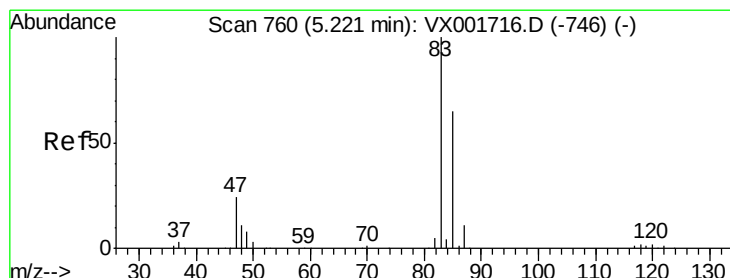
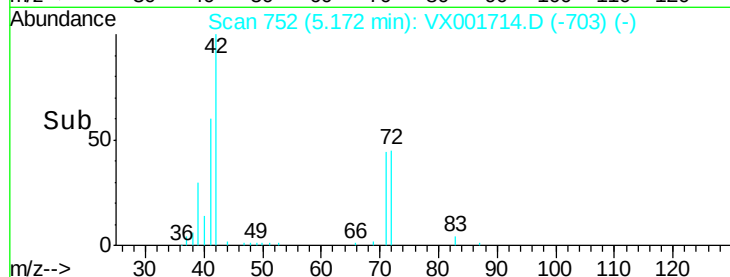
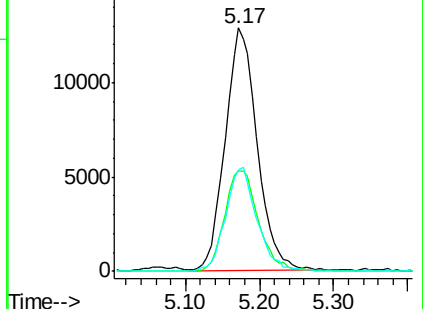
71 41.9 33.2 49.8



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: 4.61 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001714.D

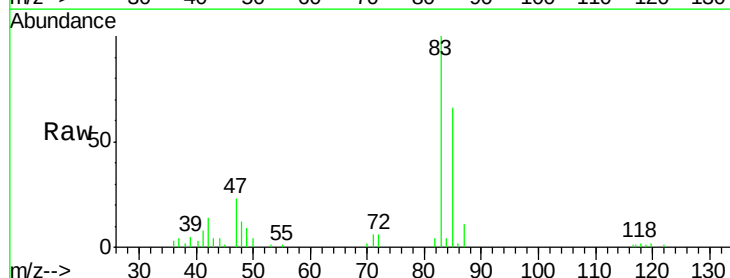
Acq: 14 May 2018 17:23

Tgt Ion: 83 Resp: 31646

Ion Ratio Lower Upper

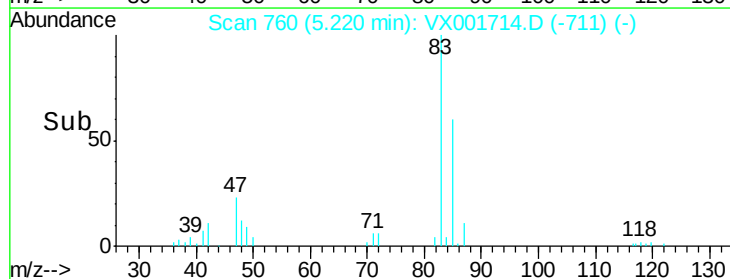
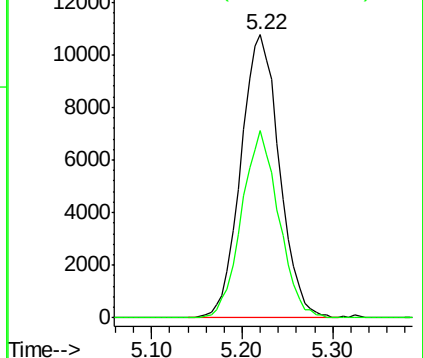
83 100

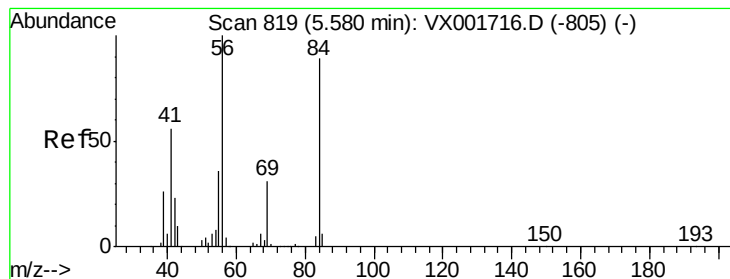
85 66.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 4.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

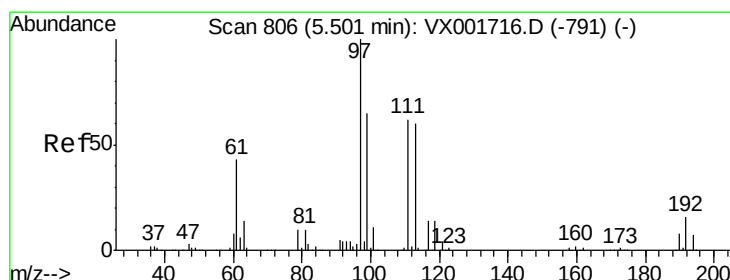
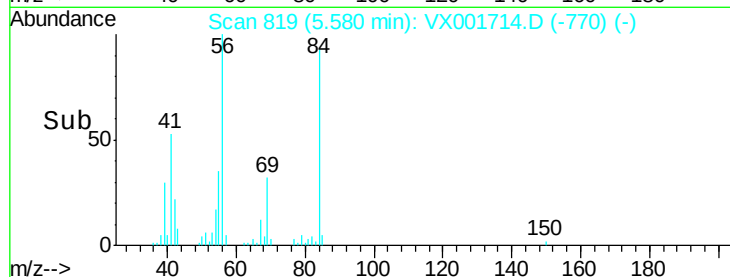
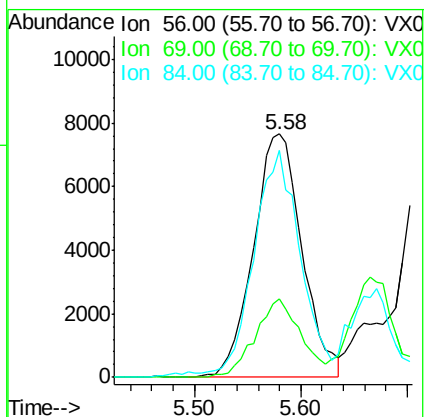
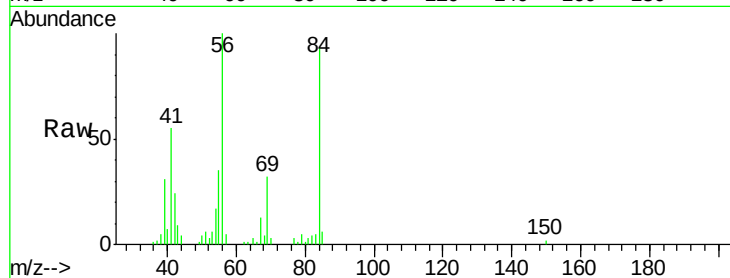
Tgt Ion: 56 Resp: 24351

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

84 91.1 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 4.33 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

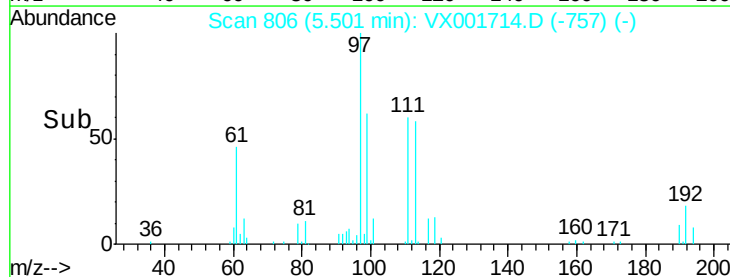
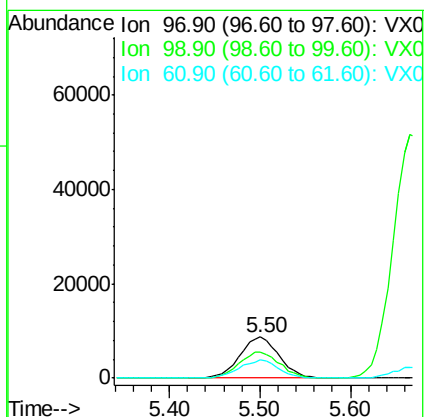
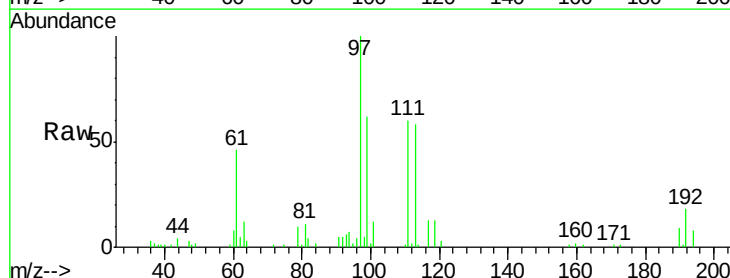
Tgt Ion: 97 Resp: 25926

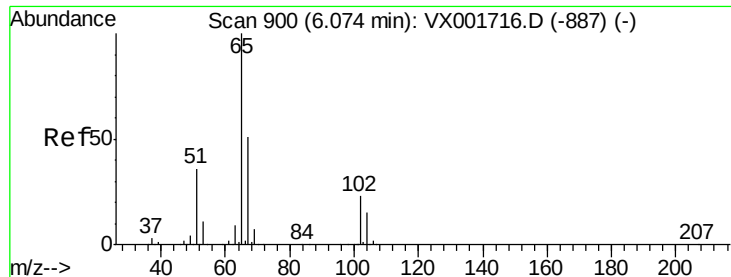
Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

61 44.3 34.0 51.0

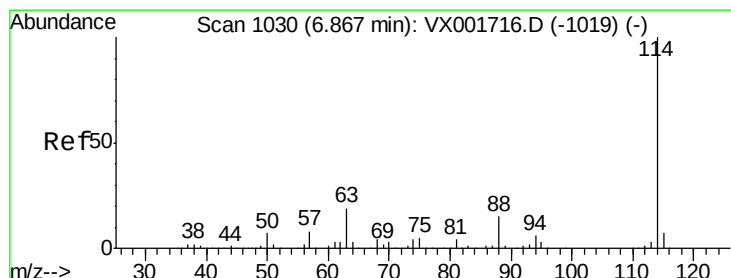
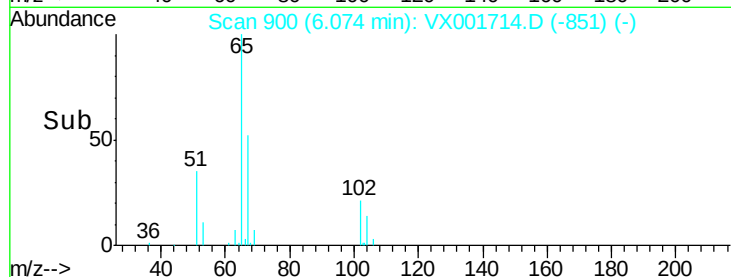
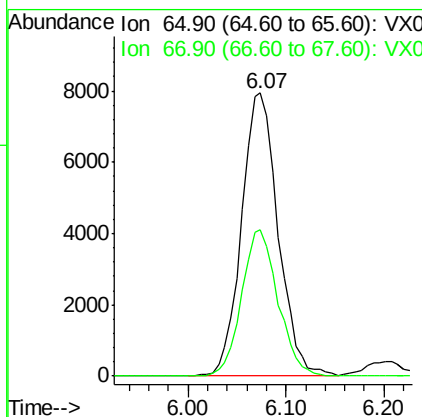
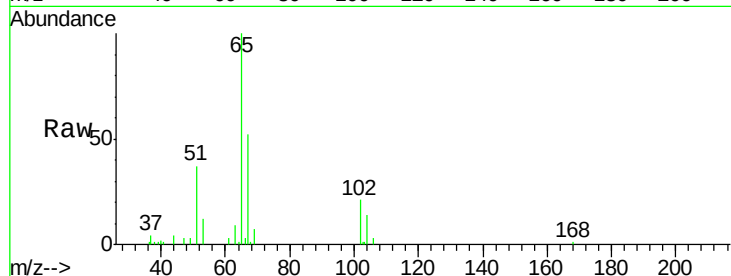




#33
 1,2-Dichloroethane-d4
 Concen: 4.64 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

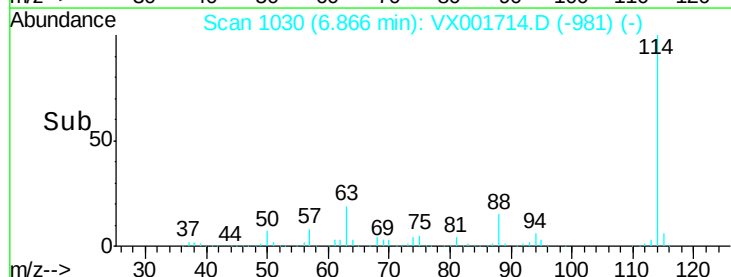
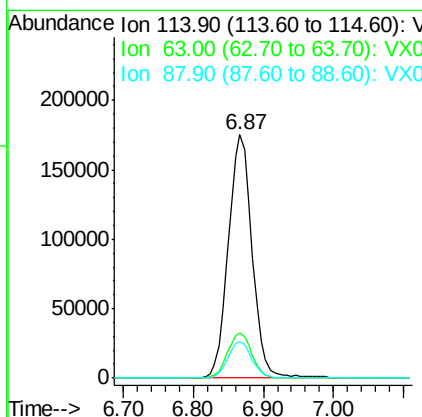
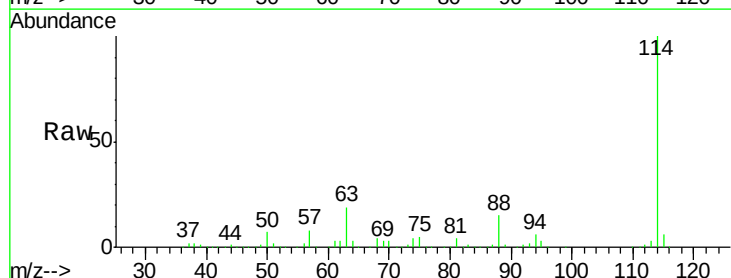
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

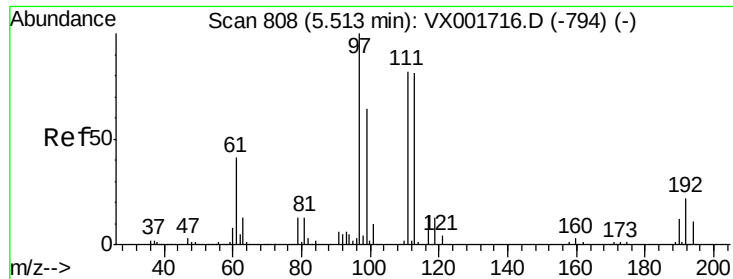
Tgt Ion: 65 Resp: 20593
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 114 Resp: 414468
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 4.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

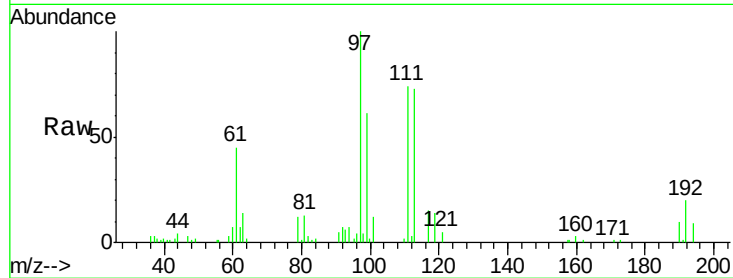
Tgt Ion:113 Resp: 16342

Ion Ratio Lower Upper

113 100

111 100.7 82.0 123.0

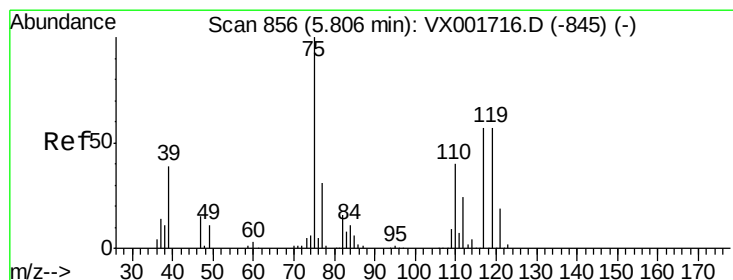
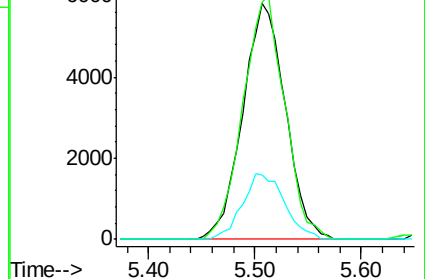
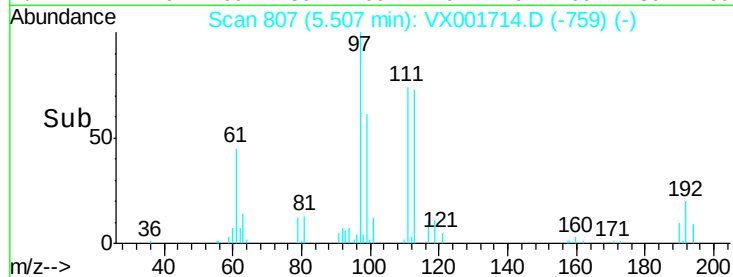
192 27.3 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.27 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

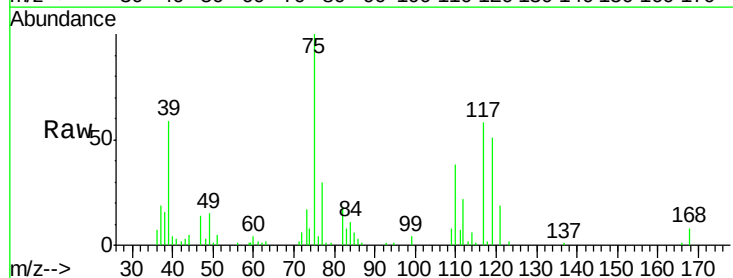
Tgt Ion: 75 Resp: 22158

Ion Ratio Lower Upper

75 100

110 36.9 19.1 57.1

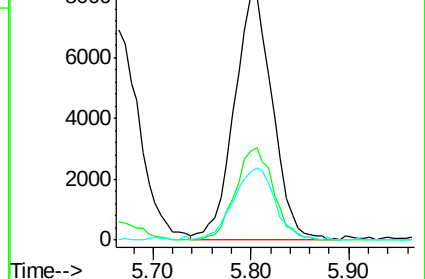
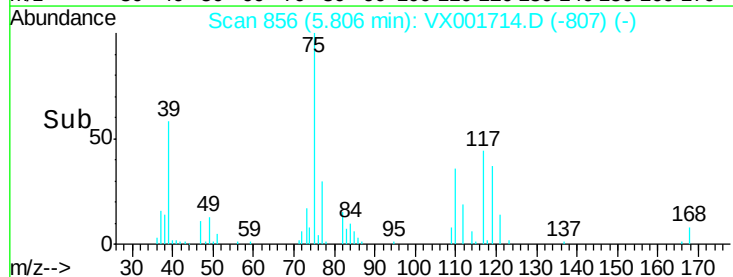
77 31.5 24.6 37.0

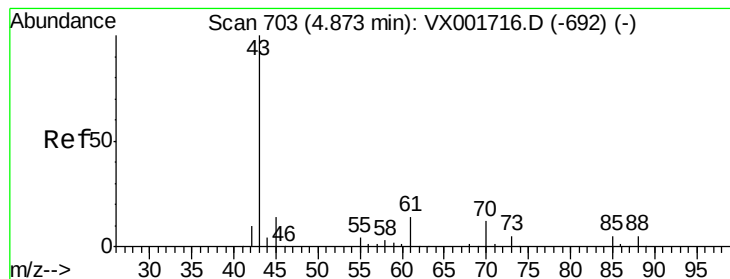


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.22 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

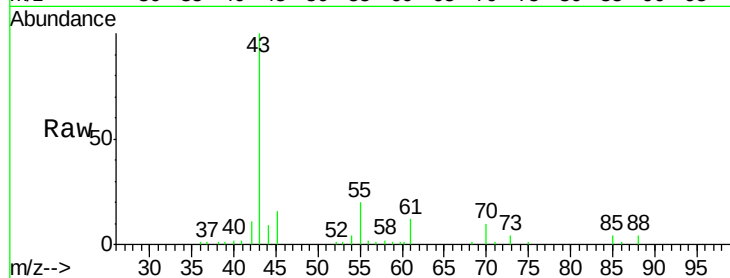
Tgt Ion: 43 Resp: 23832

Ion Ratio Lower Upper

43 100

61 13.1 10.9 16.3

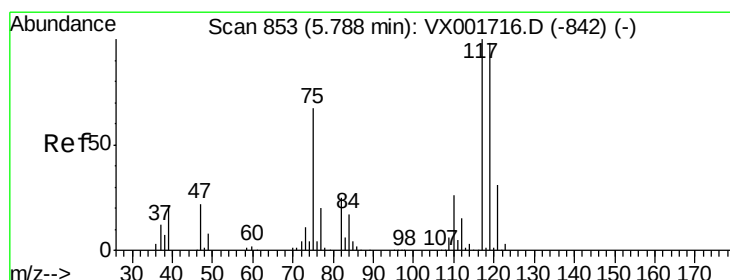
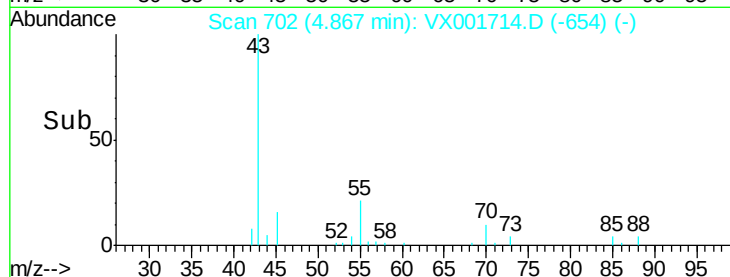
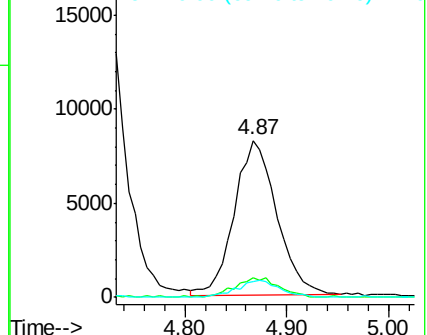
70 11.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX001716.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX001716.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX001716.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 4.22 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

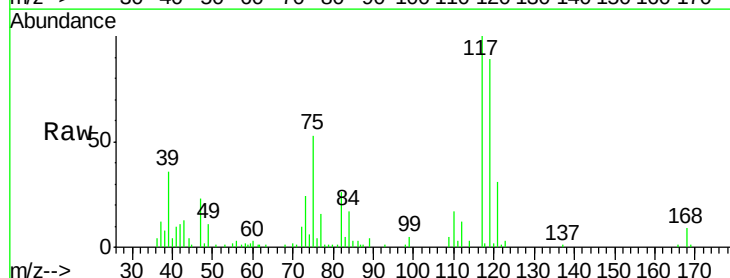
Tgt Ion: 117 Resp: 23254

Ion Ratio Lower Upper

117 100

119 89.4 77.6 116.4

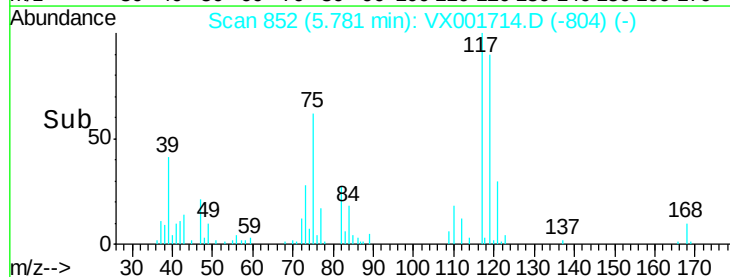
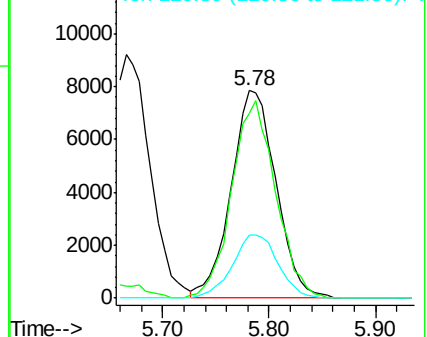
121 30.8 24.6 36.8

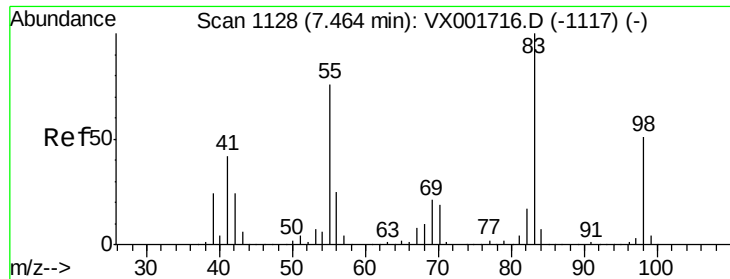


Abundance Ion 116.80 (116.50 to 117.50): VX001716.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001716.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001716.D (-842) (-)

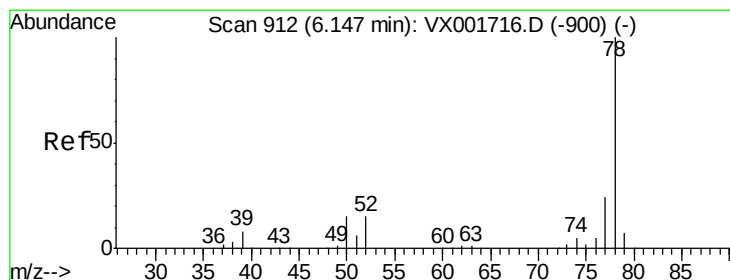
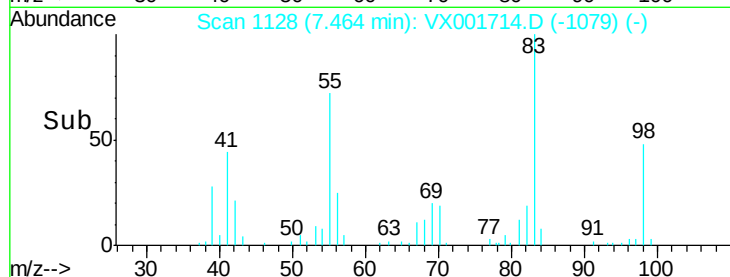
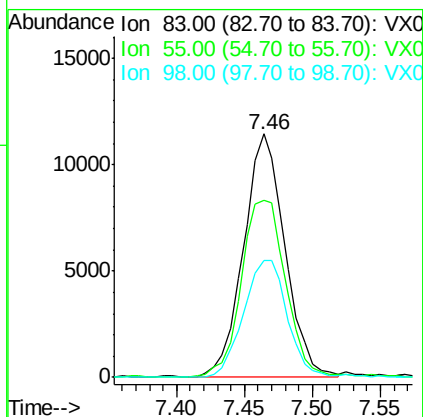
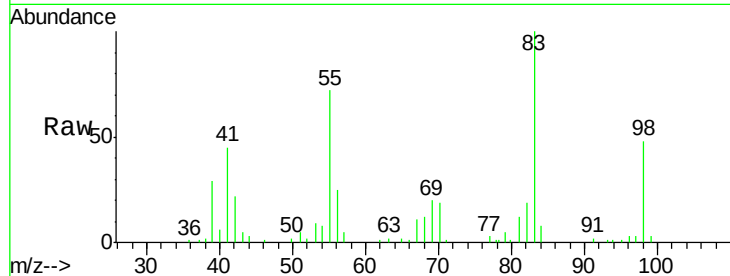




#39
Methylcyclohexane
Concen: 3.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

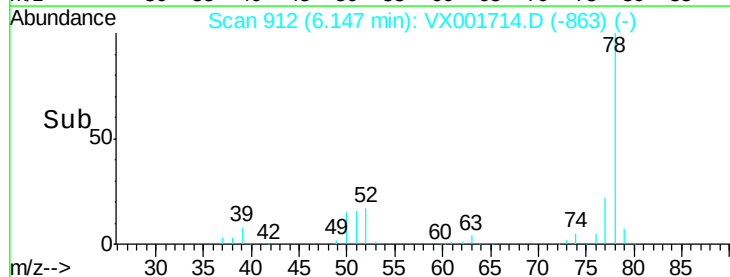
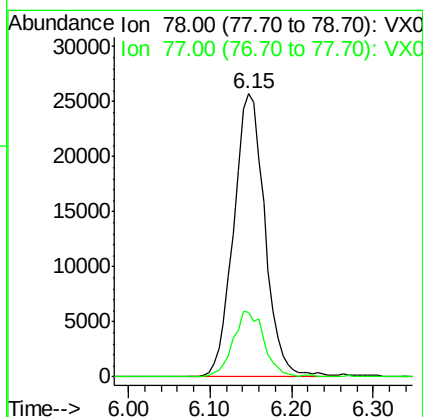
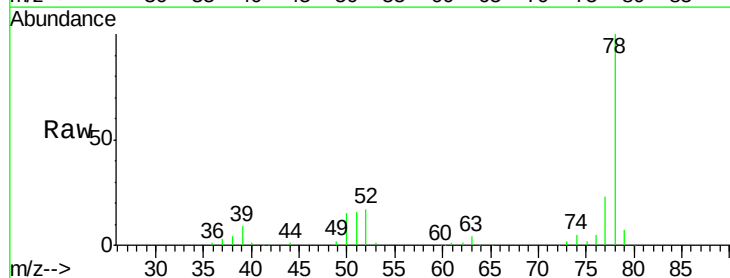
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

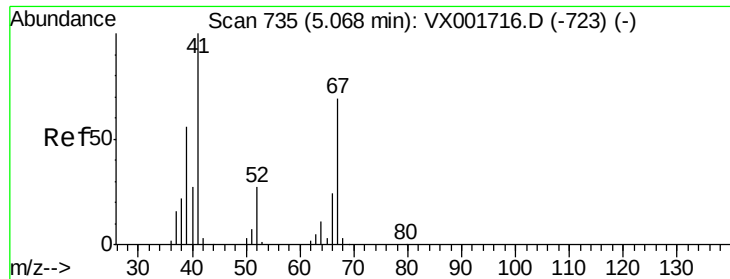
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.5	60.6	90.8
98	47.8	40.4	60.6



#40
Benzene
Concen: 4.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4

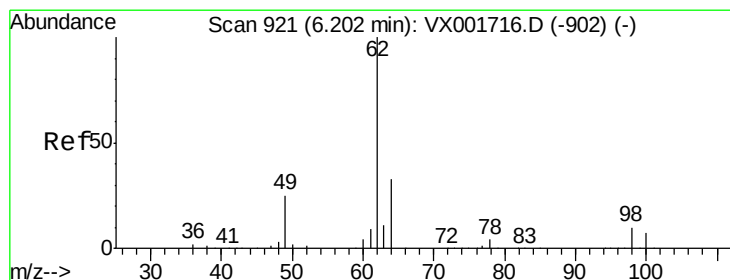
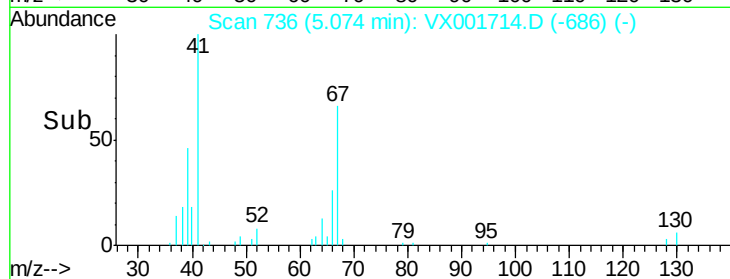
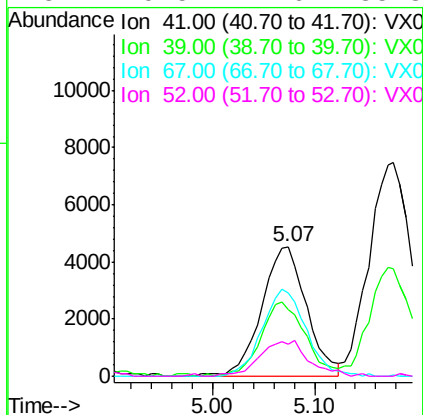
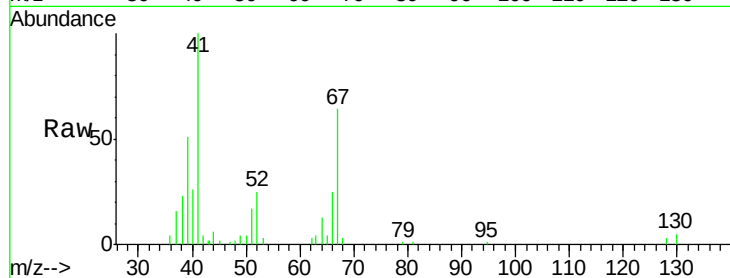




#41
Methacrylonitrile
Concen: 4.26 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

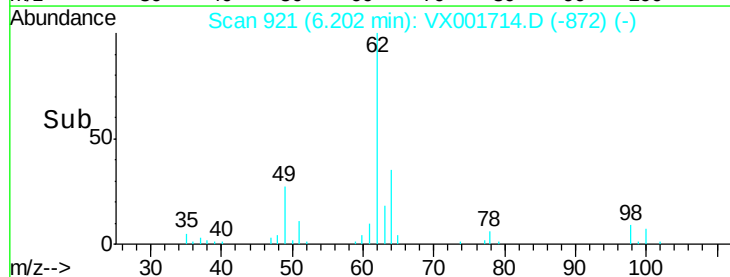
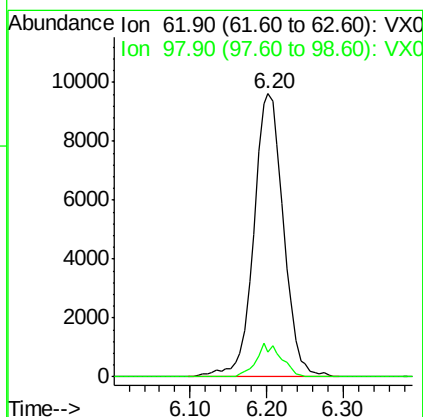
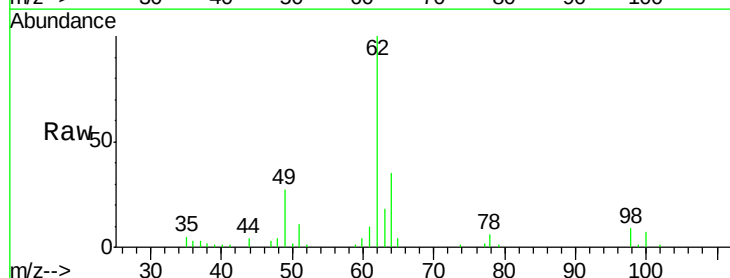
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

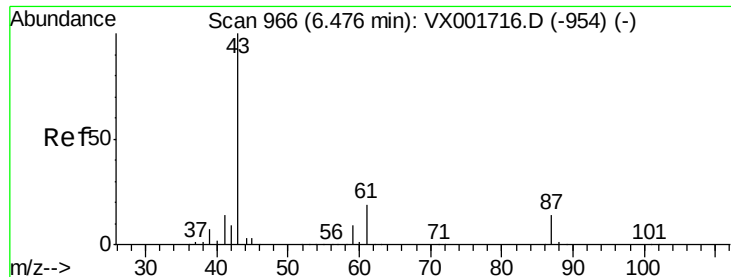
Tgt Ion:	41	Resp:	13836
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.2	66.4
67	65.8	56.0	84.0
52	29.5	22.6	33.8



#42
1,2-Dichloroethane
Concen: 4.51 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:	62	Resp:	26059
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 4.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

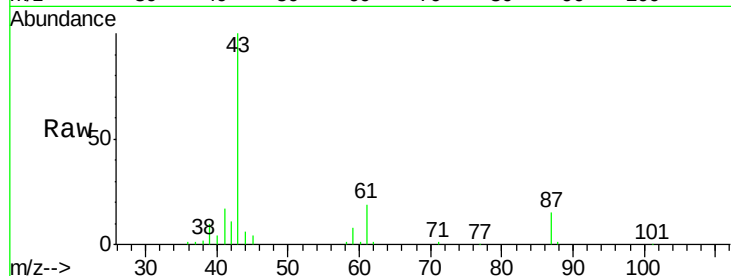
Tgt Ion: 43 Resp: 35929

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.8

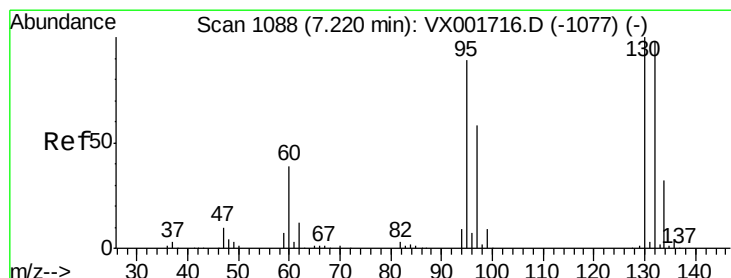
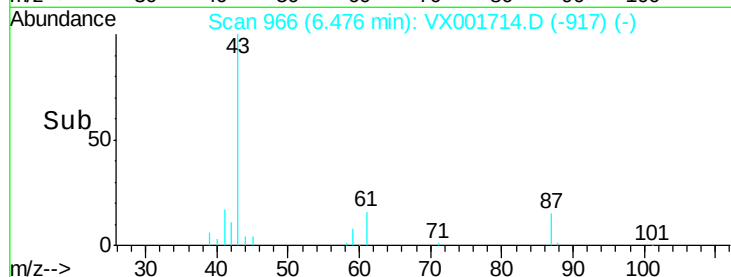
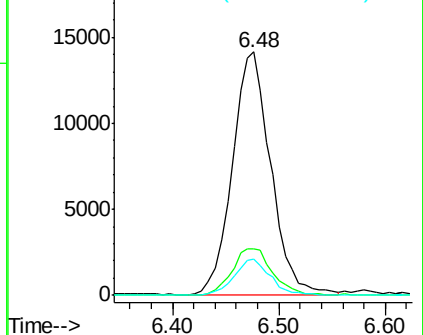
87 14.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.52 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001714.D

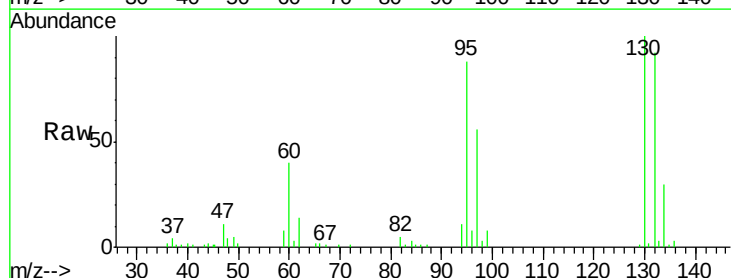
Acq: 14 May 2018 17:23

Tgt Ion: 130 Resp: 21074

Ion Ratio Lower Upper

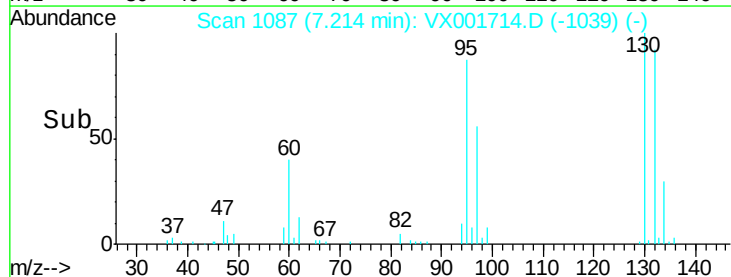
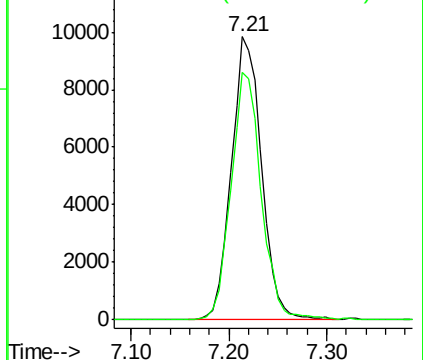
130 100

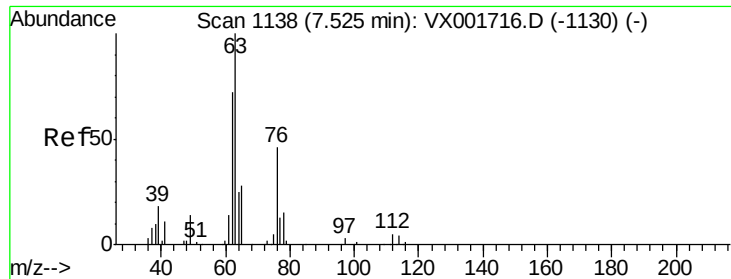
95 87.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

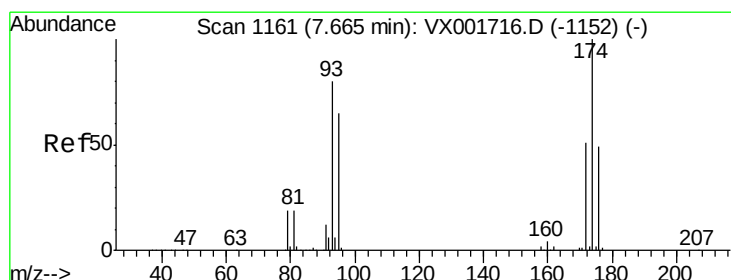
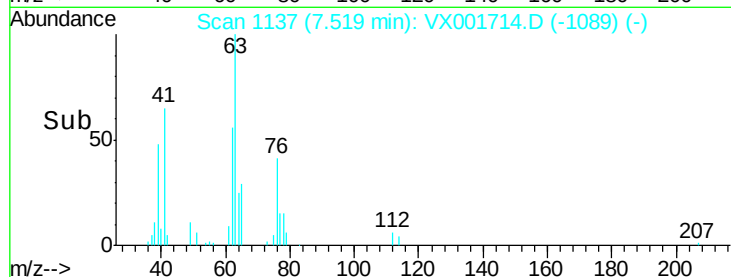
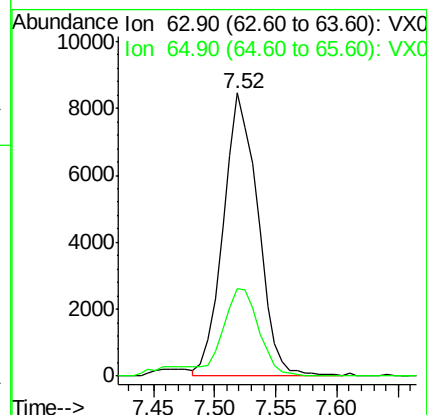
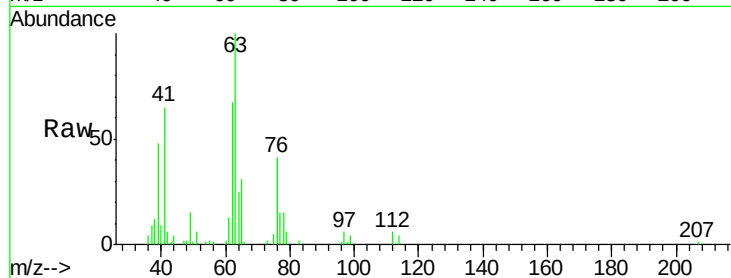




#45
 1,2-Dichloropropane
 Concen: 4.41 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

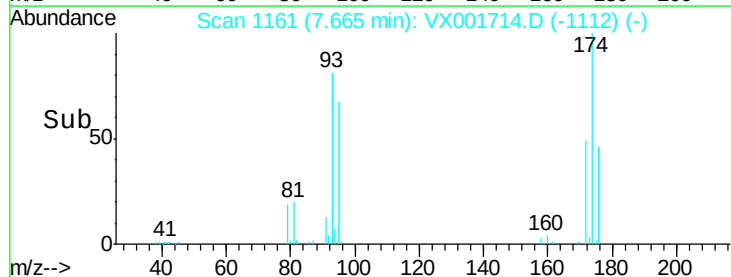
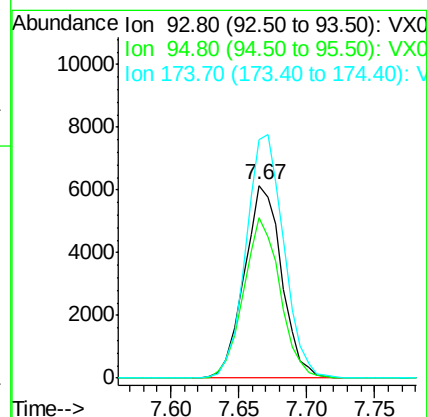
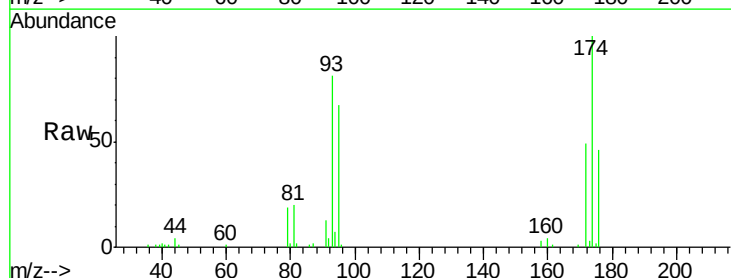
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

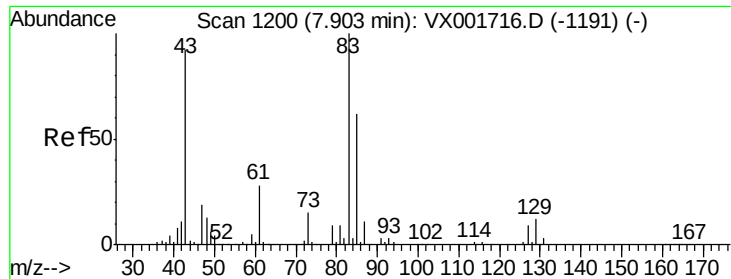
Tgt Ion: 63 Resp: 16695
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 4.41 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 93 Resp: 11762
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.9 98.9
 174 128.3 106.2 159.2





#47

Bromodichloromethane

Concen: 4.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

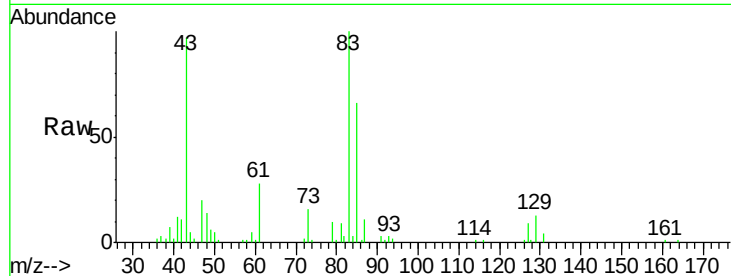
Tgt Ion: 83 Resp: 20043

Ion Ratio Lower Upper

83 100

85 66.1 49.6 74.4

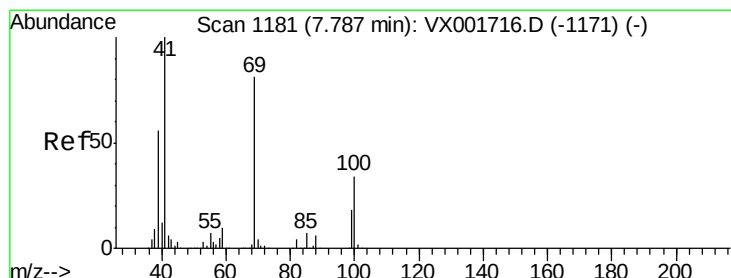
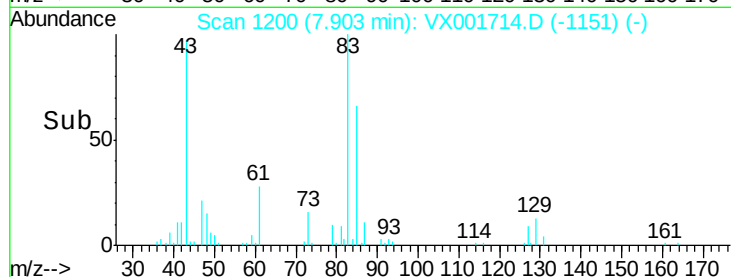
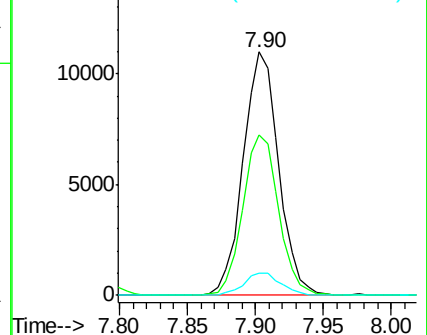
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 3.98 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

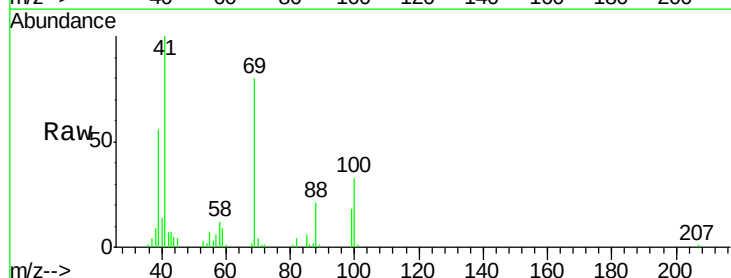
Tgt Ion: 41 Resp: 18772

Ion Ratio Lower Upper

41 100

69 78.9 65.2 97.8

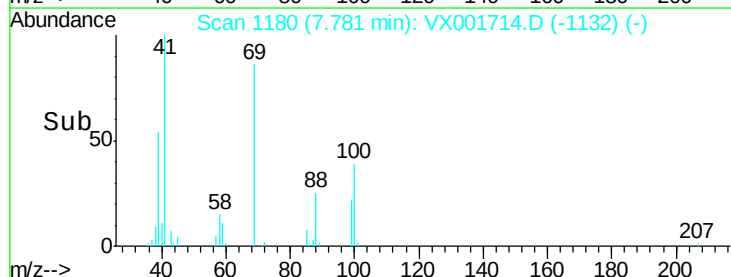
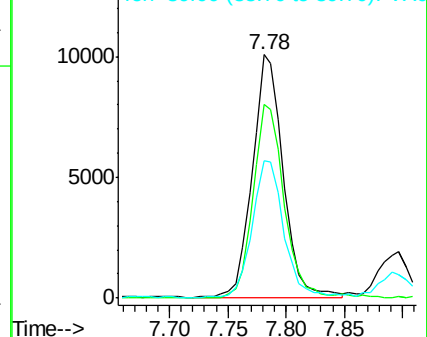
39 58.7 44.5 66.7

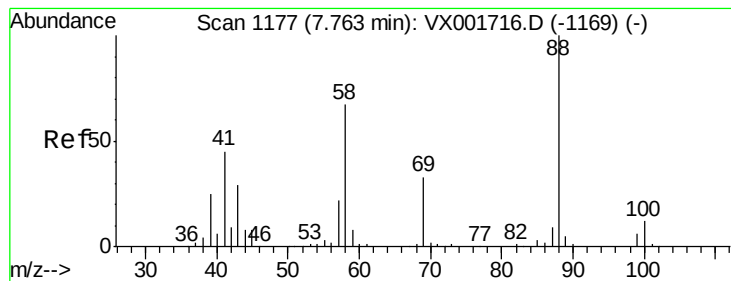


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



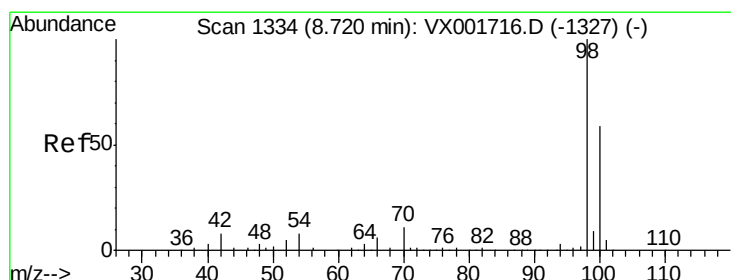
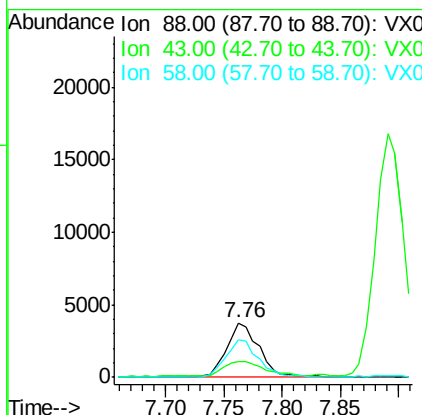
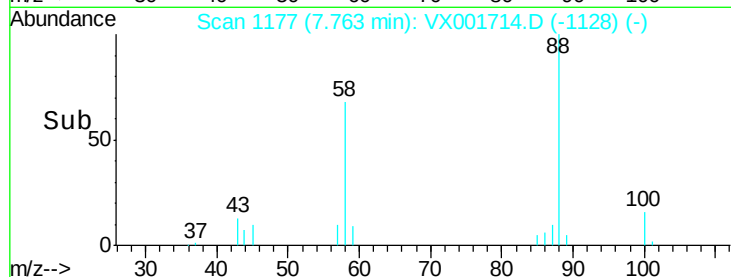
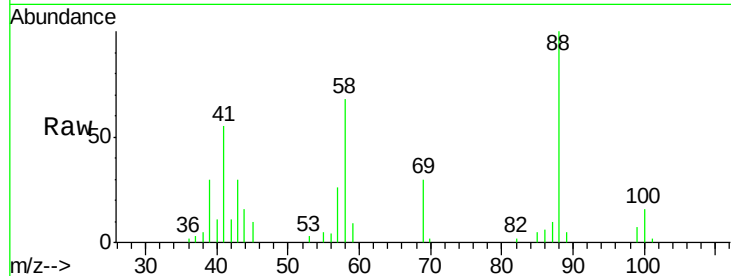


#49
 1,4-Dioxane
 Concen: 72.53 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 7230

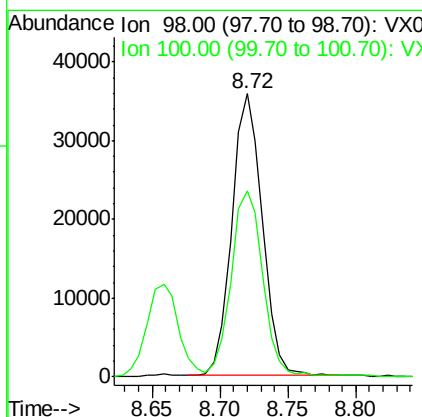
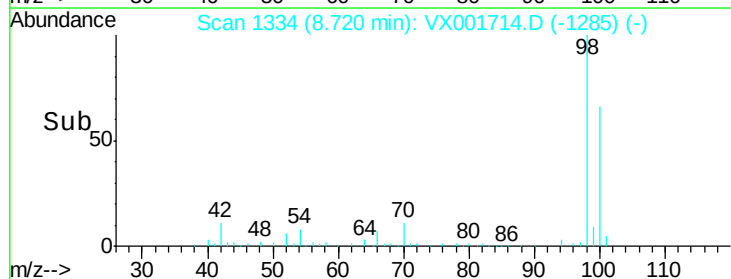
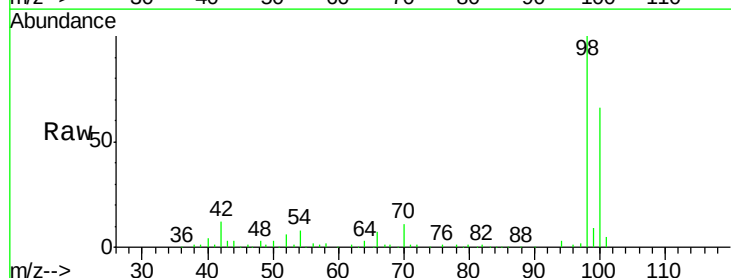
Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.3	40.9
58	69.9	55.9	83.9

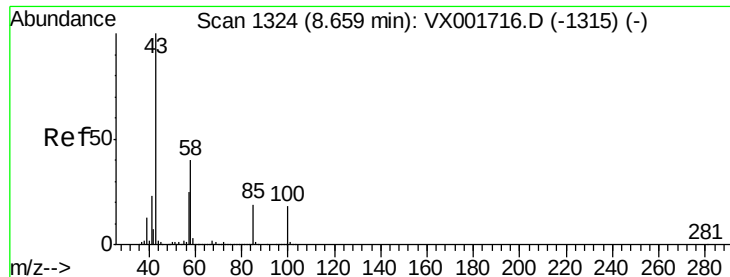


#50
 Toluene-d8
 Concen: 4.17 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 98 Resp: 55529

Ion	Ratio	Lower	Upper
98	100		
100	70.0	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 20.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

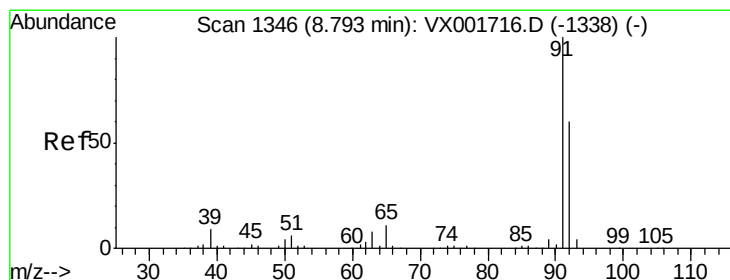
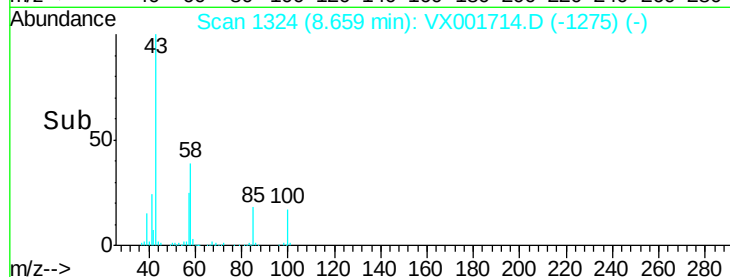
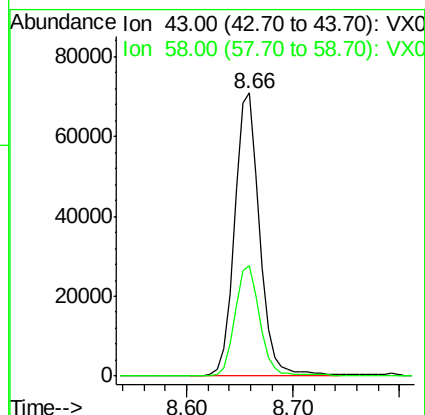
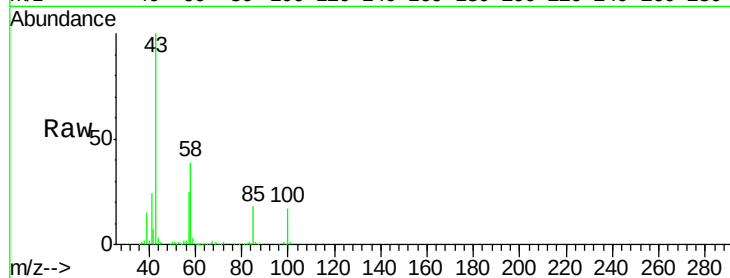
VSTDIC005

Tgt Ion: 43 Resp: 116457

Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.0



#52

Toluene

Concen: 4.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001714.D

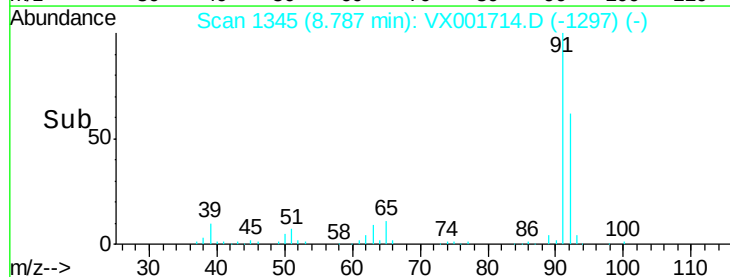
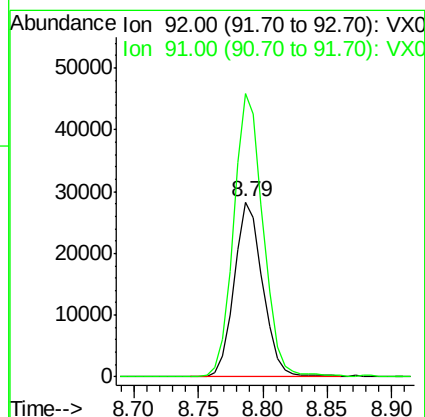
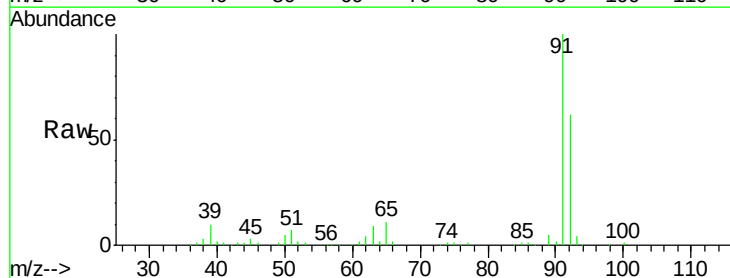
Acq: 14 May 2018 17:23

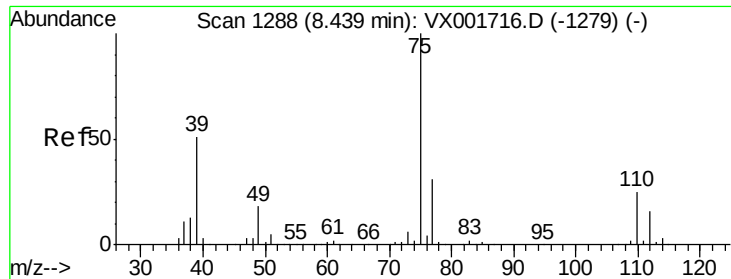
Tgt Ion: 92 Resp: 43901

Ion Ratio Lower Upper

92 100

91 166.7 135.5 203.3

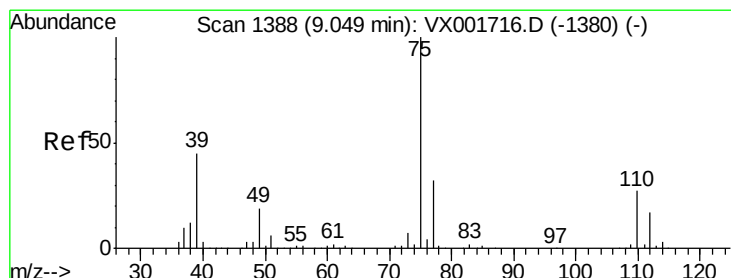
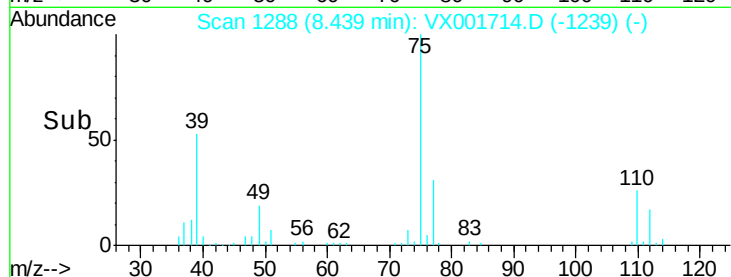
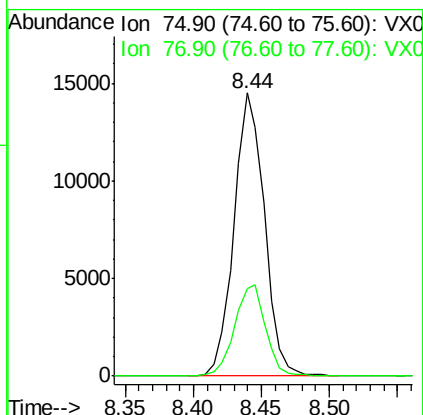
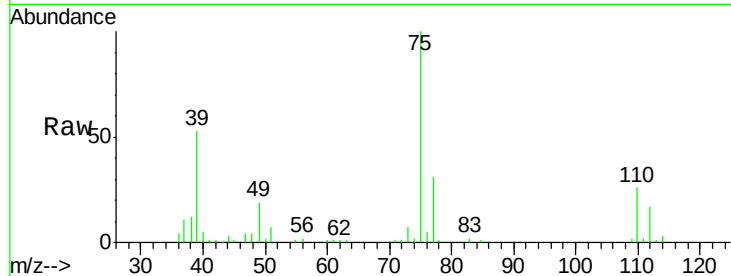




#53
t-1,3-Dichloropropene
Concen: 4.03 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

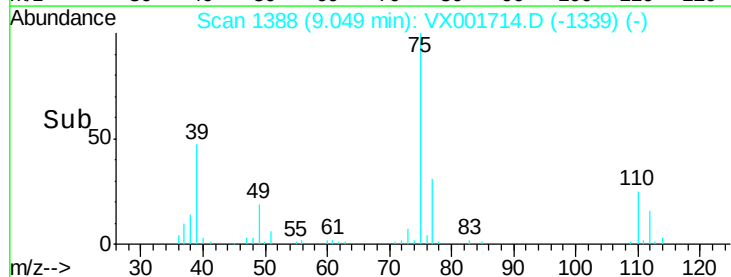
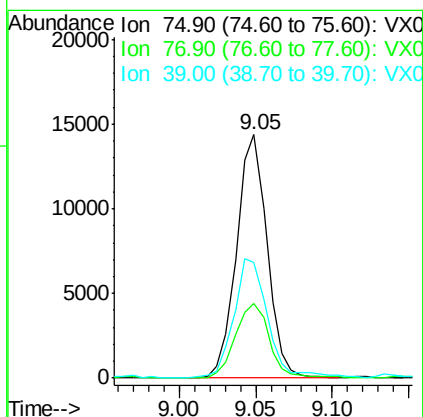
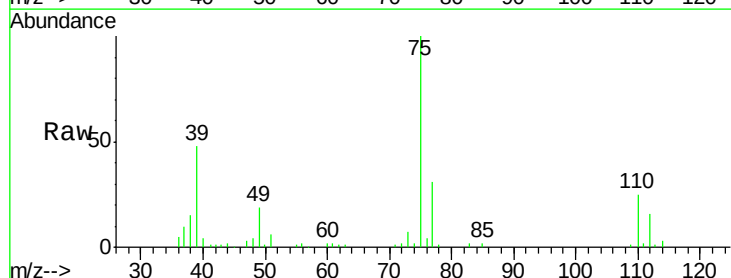
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

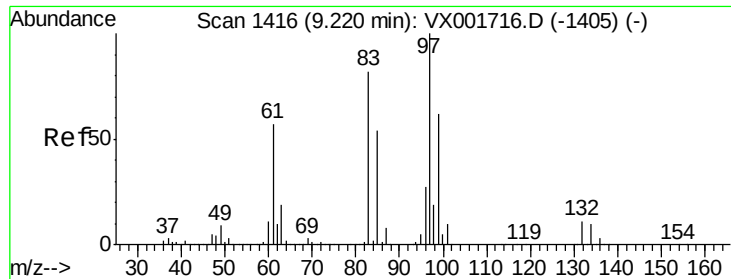
Tgt Ion: 75 Resp: 22567
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 3.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 75 Resp: 19951
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2
39 47.5 36.1 54.1

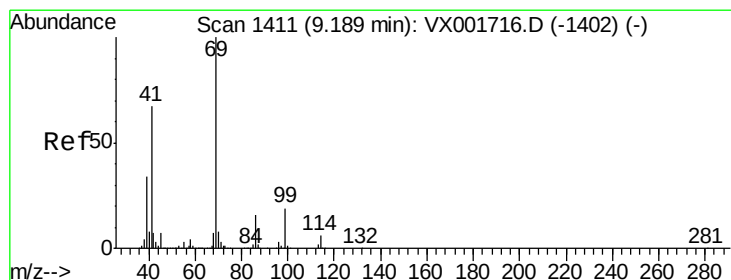
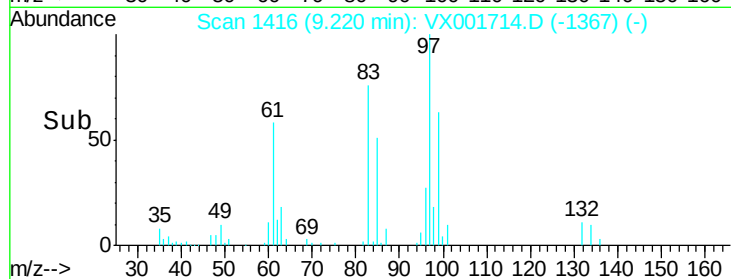
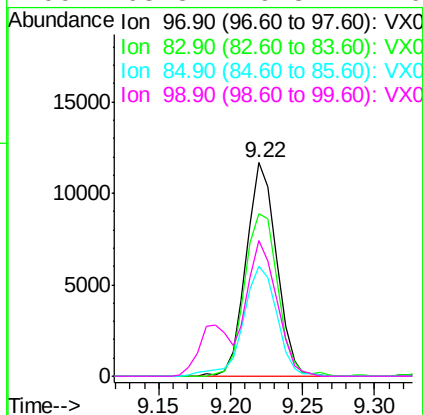
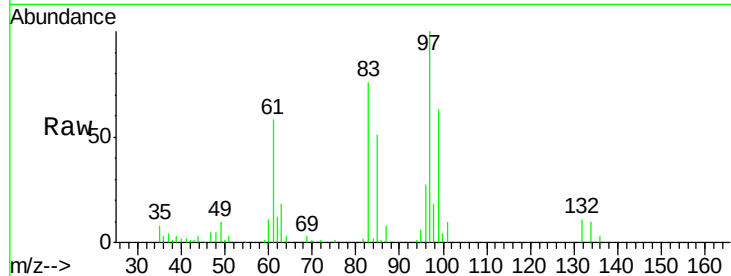




#55
 1,1,2-Trichloroethane
 Concen: 4.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

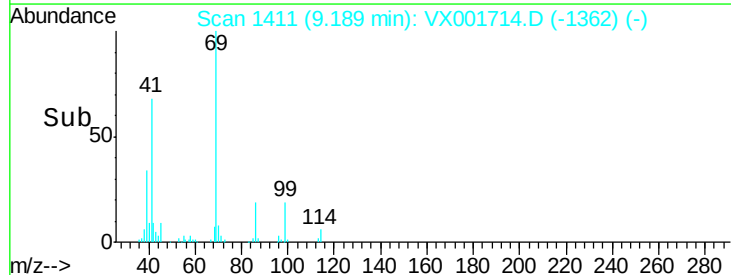
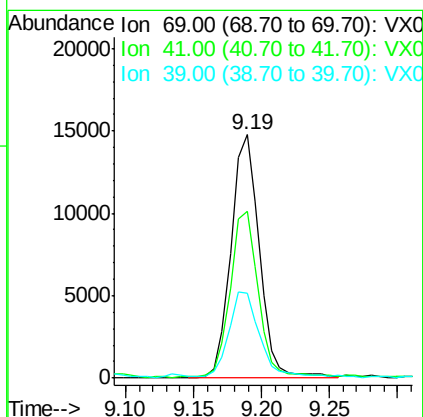
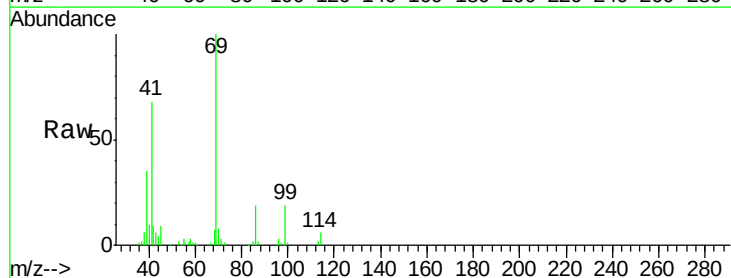
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

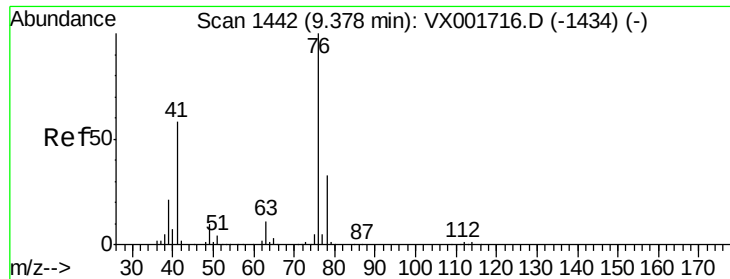
Tgt Ion:	97	Resp:	17089
Ion	Ratio	Lower	Upper
97	100		
83	75.9	65.8	98.8
85	51.3	43.4	65.0
99	63.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 3.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion:	69	Resp:	21566
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.5	80.3
39	38.2	27.2	40.8

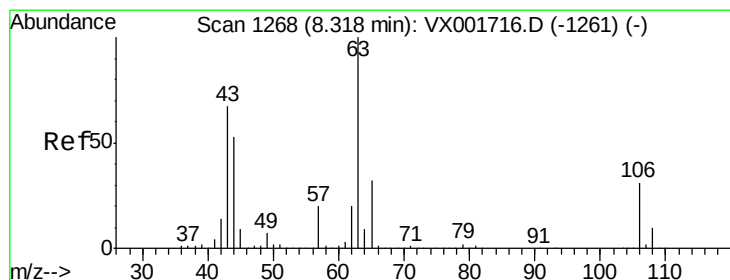
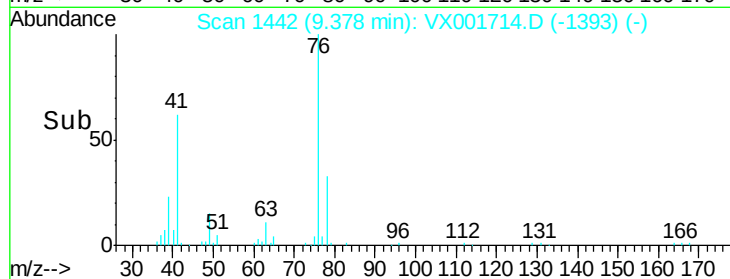
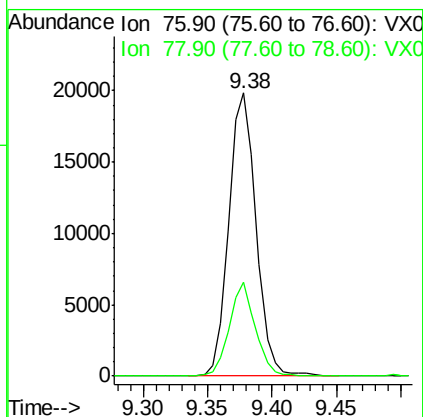
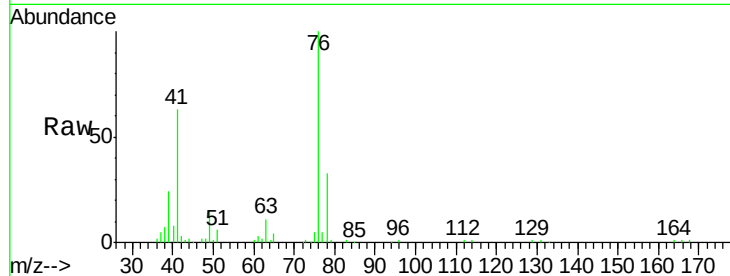




#57
 1,3-Dichloropropane
 Concen: 4.51 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

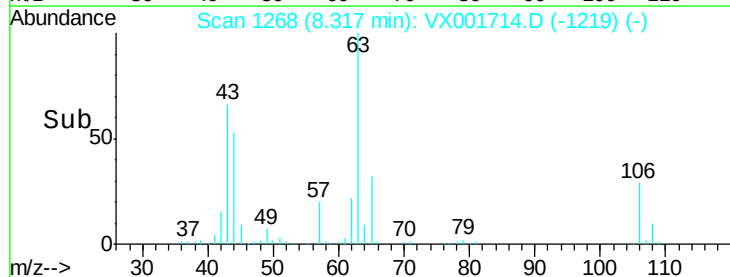
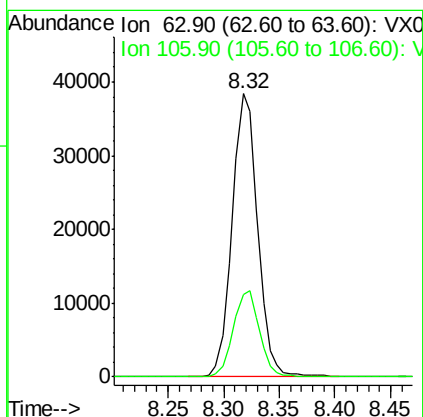
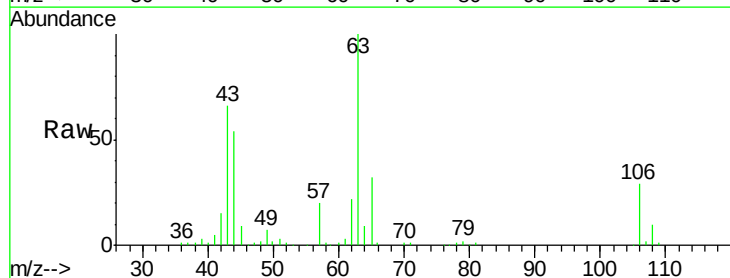
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

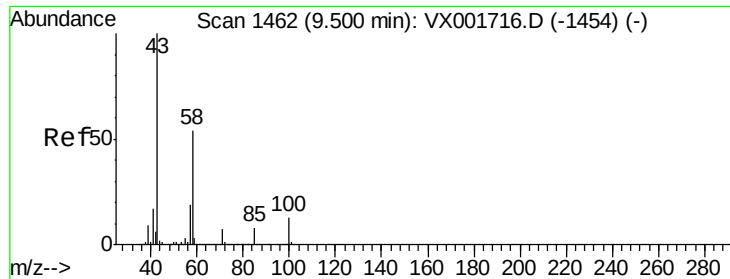
Tgt Ion: 76 Resp: 29497
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.70 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 63 Resp: 61119
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.1 37.7

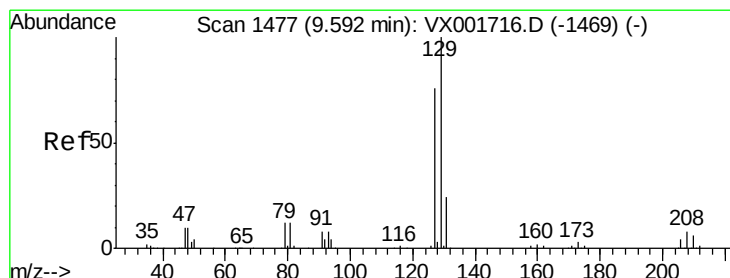
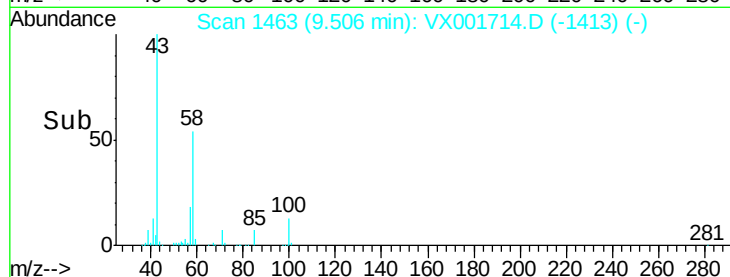
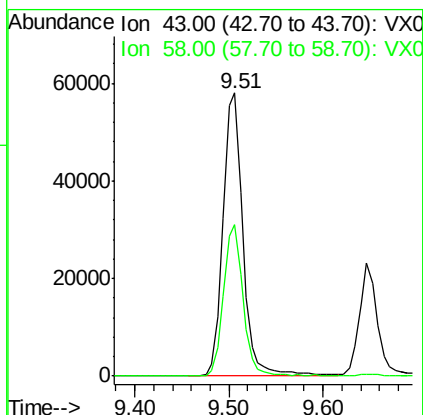
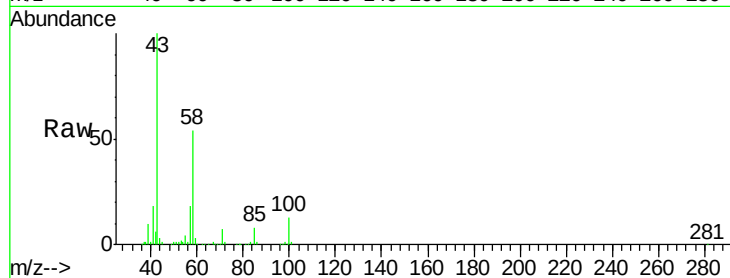




#59
2-Hexanone
Concen: 19.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

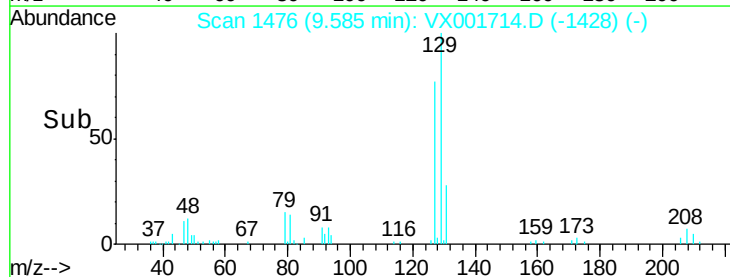
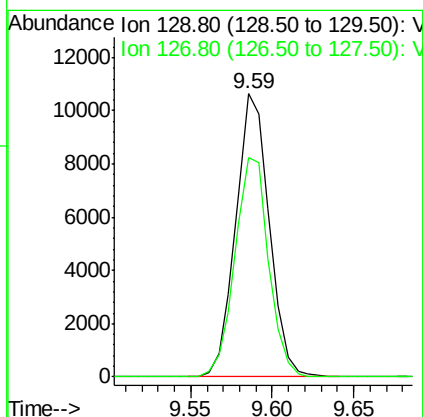
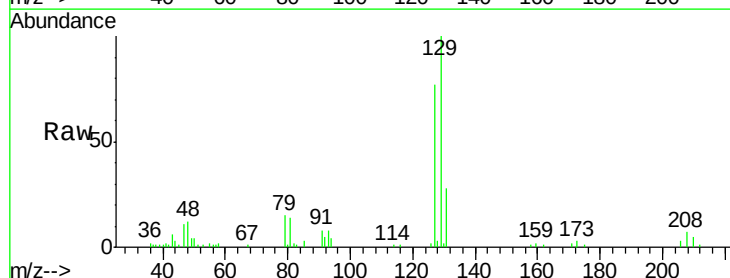
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

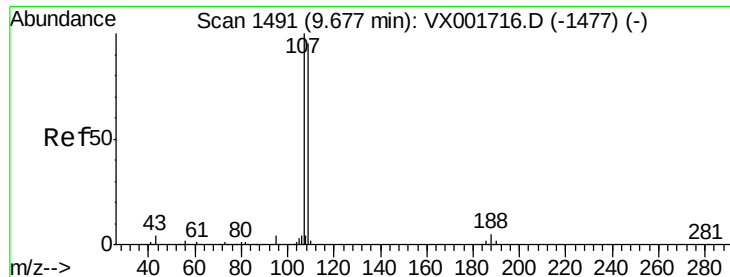
Tgt Ion: 43 Resp: 85113
Ion Ratio Lower Upper
43 100
58 52.6 27.7 83.1



#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 129 Resp: 15191
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

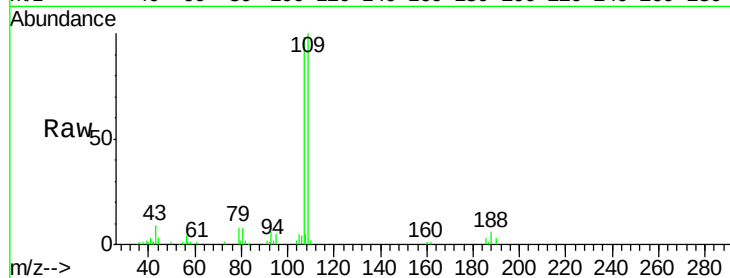
VSTDIC005

Tgt Ion: 107 Resp: 17373

Ion Ratio Lower Upper

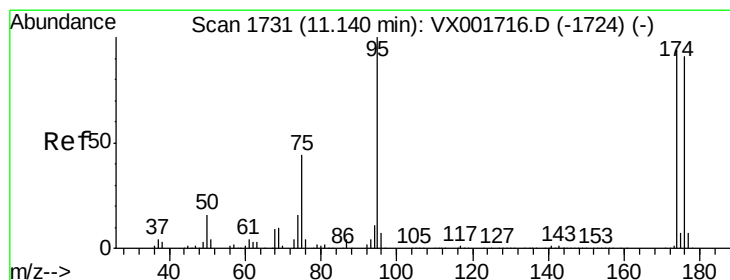
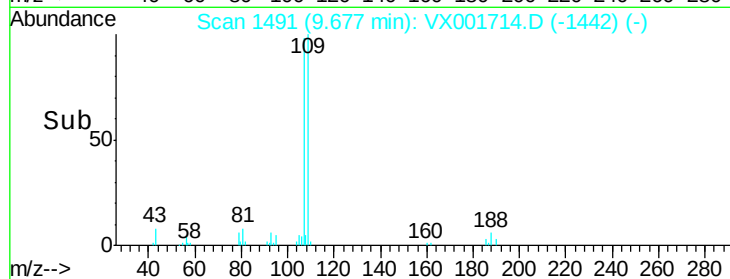
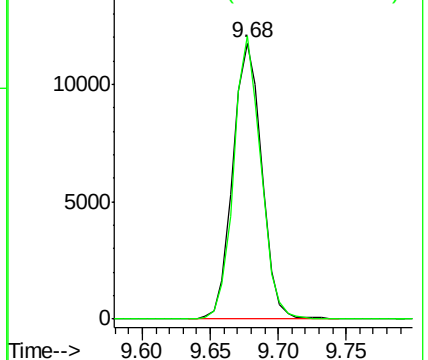
107 100

109 96.2 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

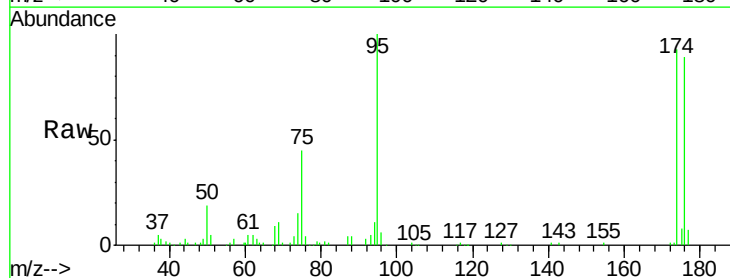
Tgt Ion: 95 Resp: 21410

Ion Ratio Lower Upper

95 100

174 99.6 0.0 201.8

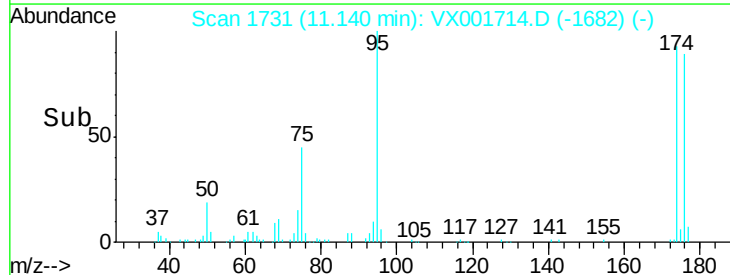
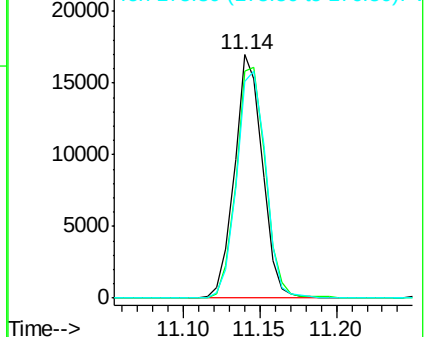
176 97.1 0.0 196.8

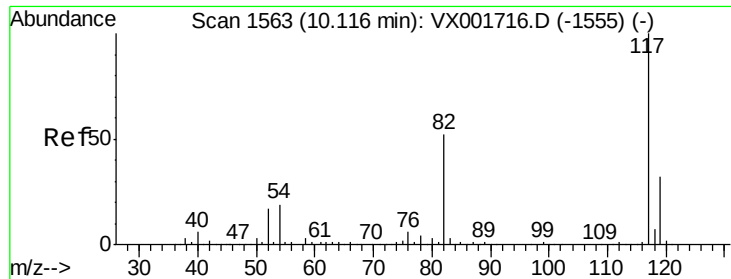


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

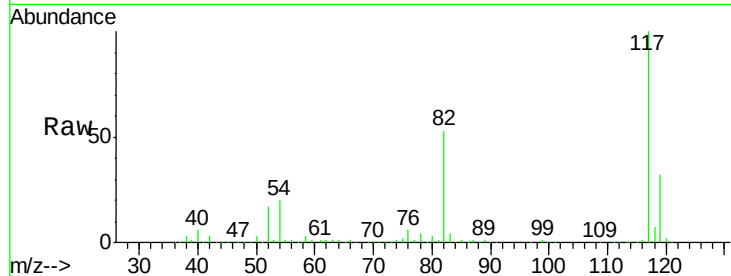




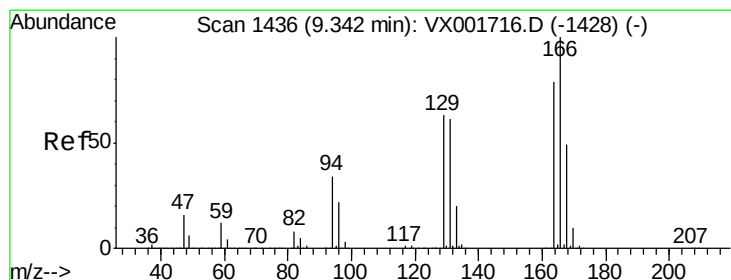
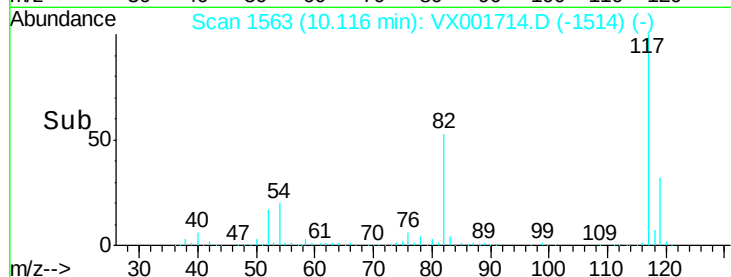
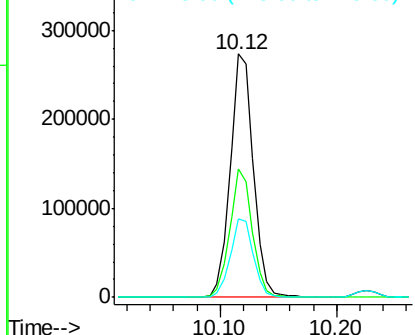
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 376766
Ion Ratio Lower Upper
117 100
82 52.5 41.4 62.2
119 32.0 25.6 38.4

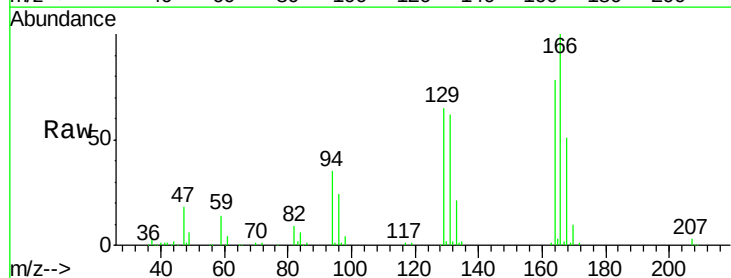


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

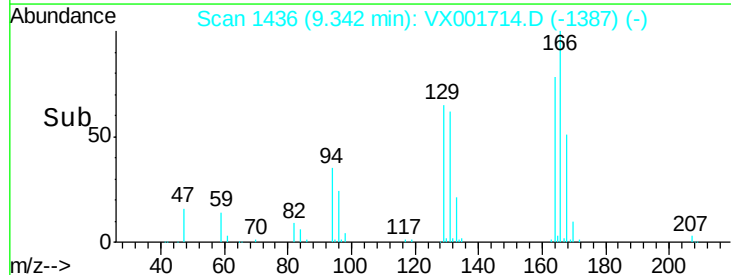
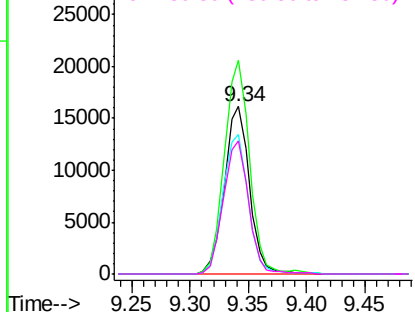


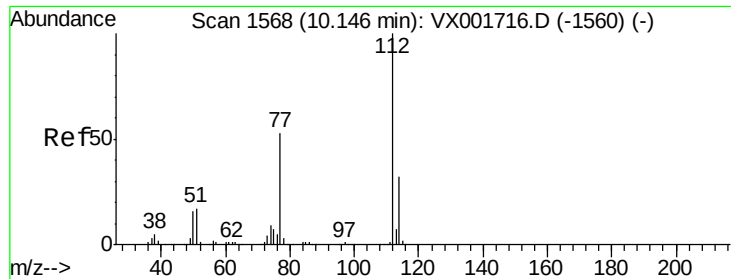
#64
Tetrachloroethene
Concen: 4.65 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:164 Resp: 24130
Ion Ratio Lower Upper
164 100
166 127.7 101.8 152.8
129 83.2 63.8 95.6
131 79.5 62.2 93.2



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

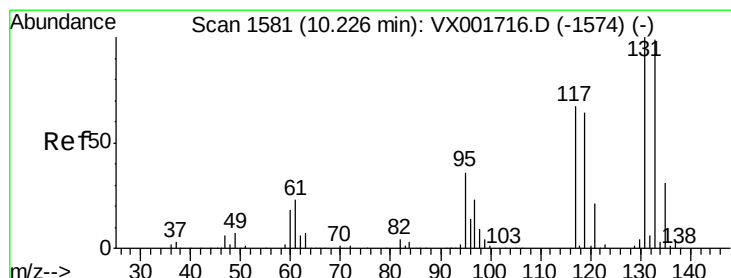
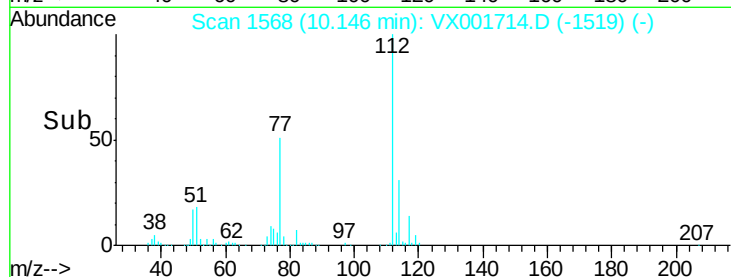
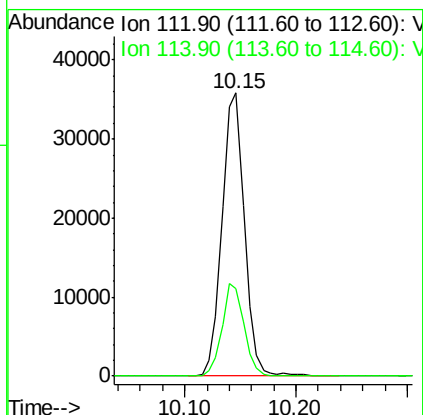
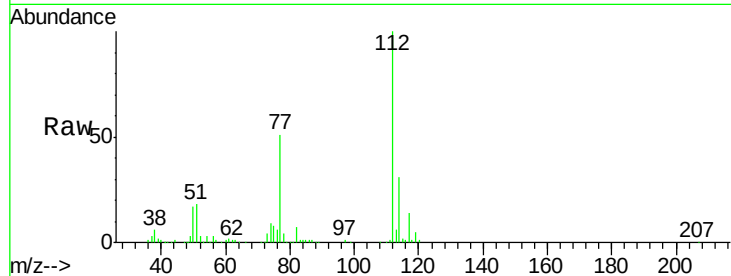




#65
Chlorobenzene
Concen: 4.57 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

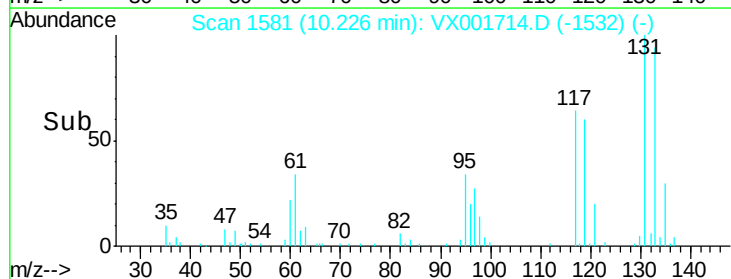
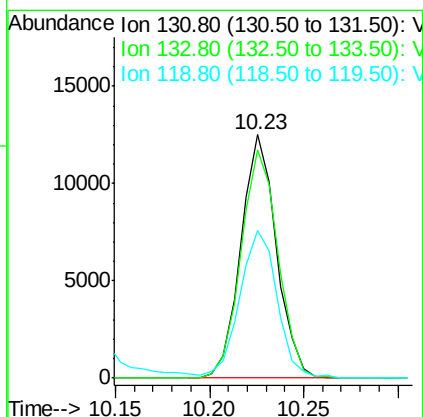
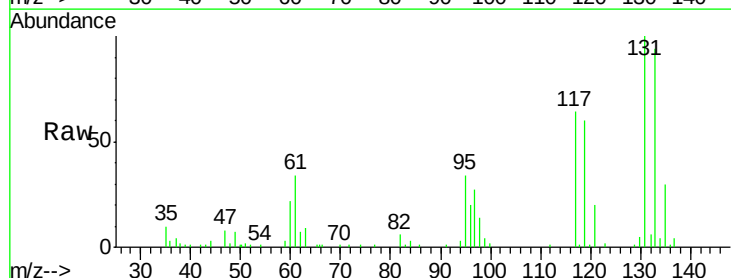
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

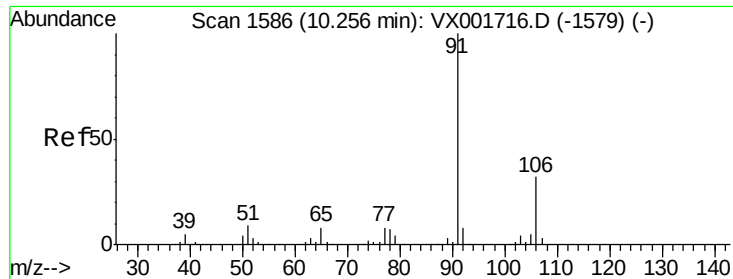
Tgt Ion:112 Resp: 49929
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.20 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:131 Resp: 16353
Ion Ratio Lower Upper
131 100
133 97.6 48.5 145.6
119 63.8 31.9 95.5

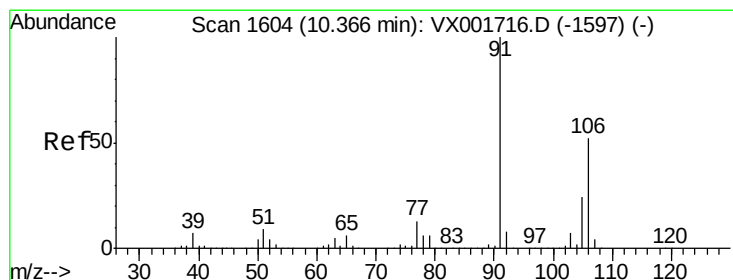
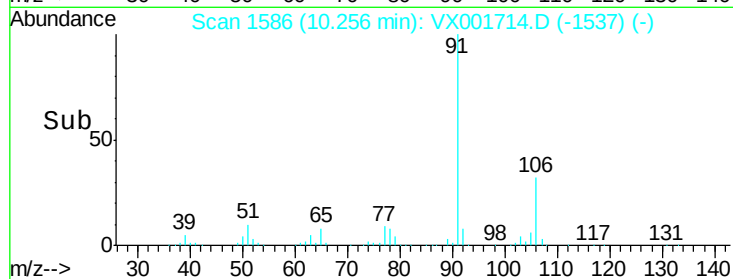
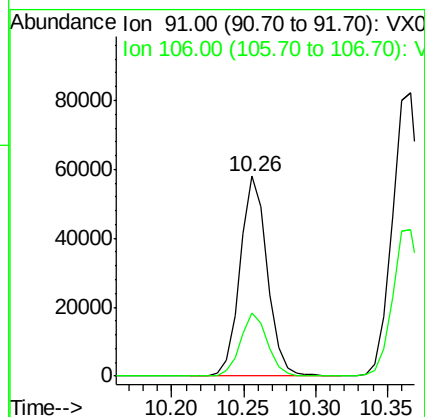
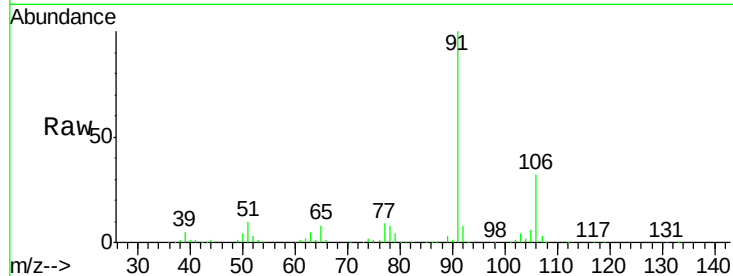




#67
Ethyl Benzene
Concen: 4.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

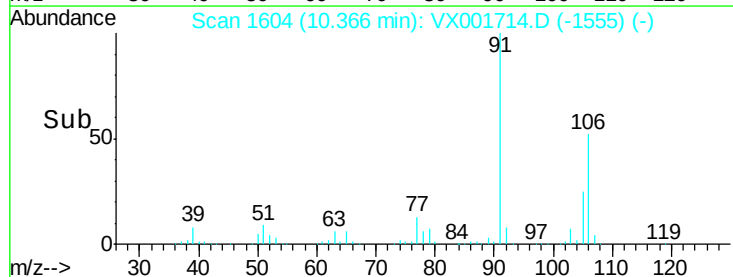
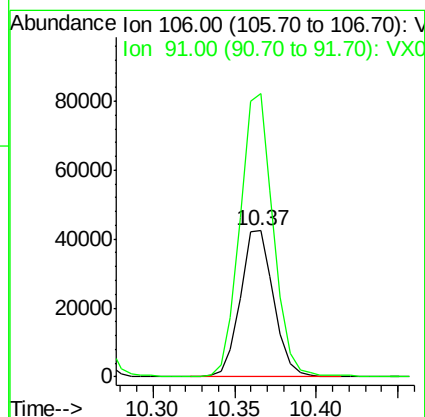
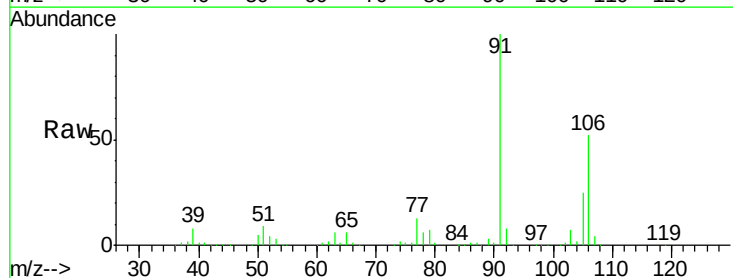
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

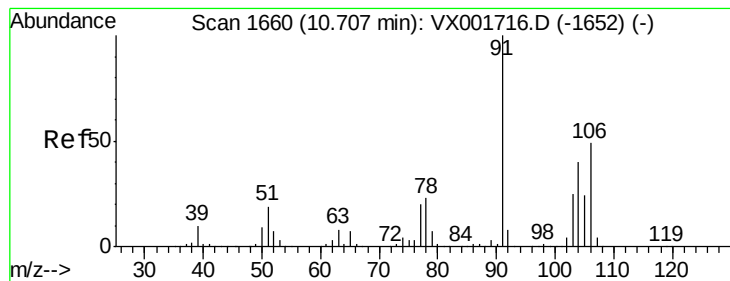
Tgt Ion: 91 Resp: 76281
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 8.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 106 Resp: 60079
Ion Ratio Lower Upper
106 100
91 193.0 155.4 233.2





#69

o-Xylene

Concen: 4.19 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

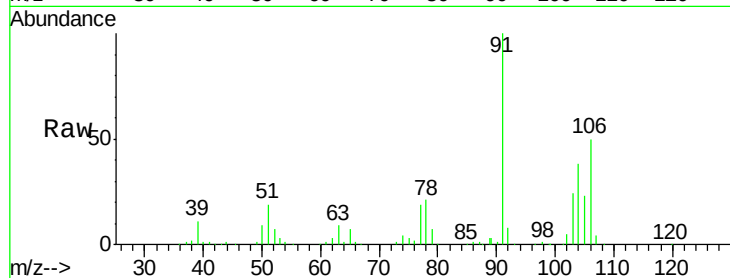
VSTDIC005

Tgt Ion:106 Resp: 28698

Ion Ratio Lower Upper

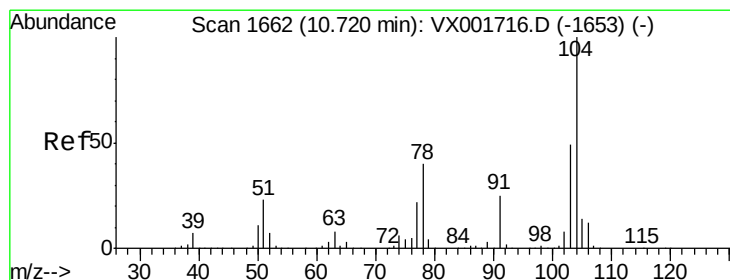
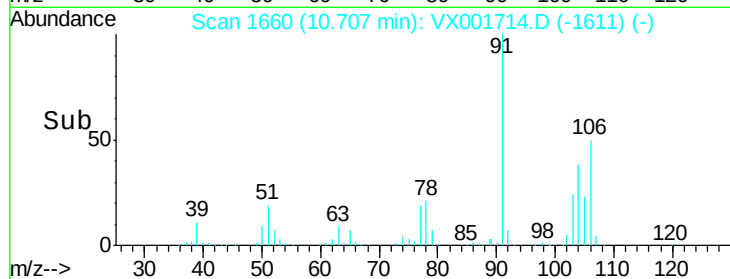
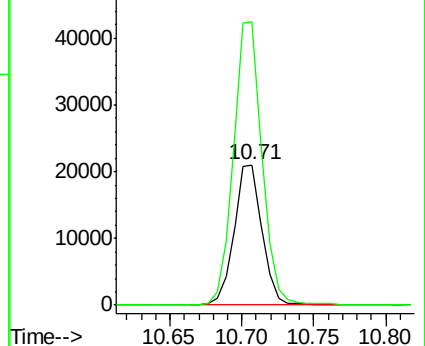
106 100

91 206.7 103.4 310.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 4.12 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

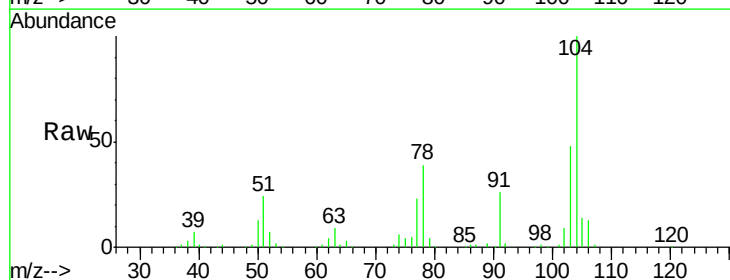
Tgt Ion:104 Resp: 45903

Ion Ratio Lower Upper

104 100

78 46.2 37.3 55.9

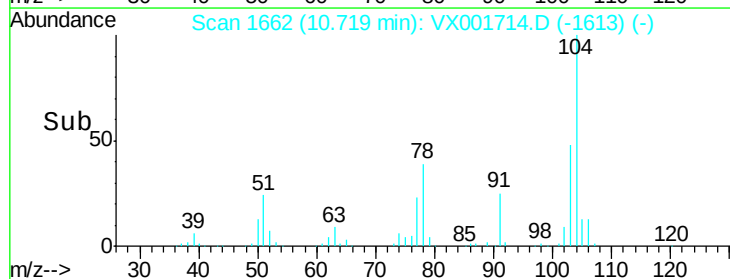
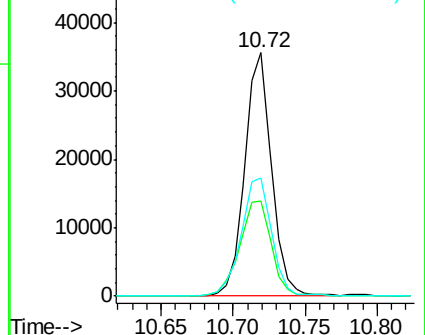
103 55.3 43.7 65.5

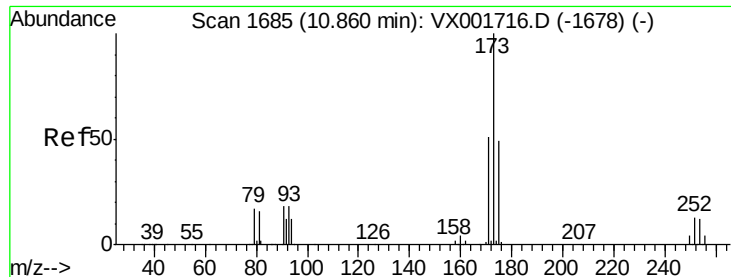


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

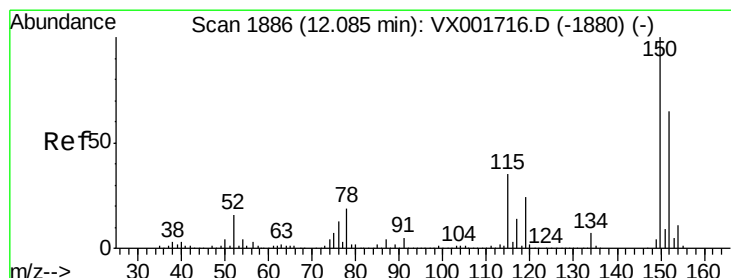
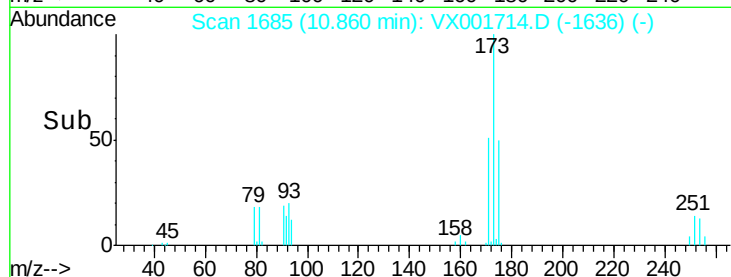
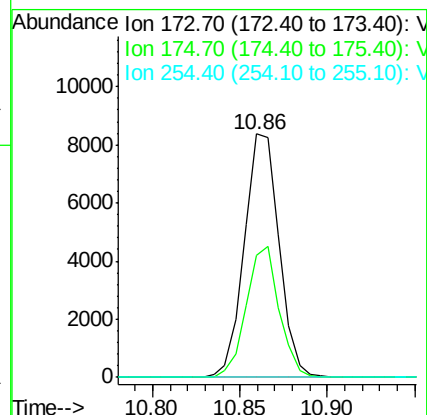
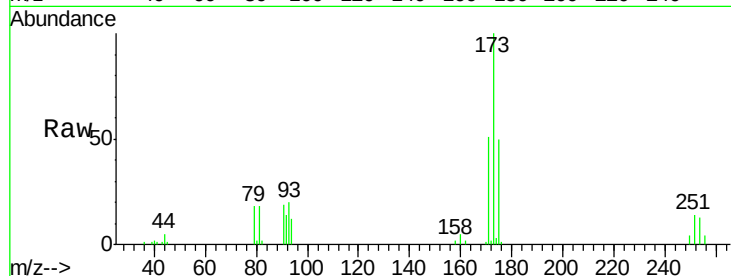




#71
Bromoform
Concen: 3.63 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

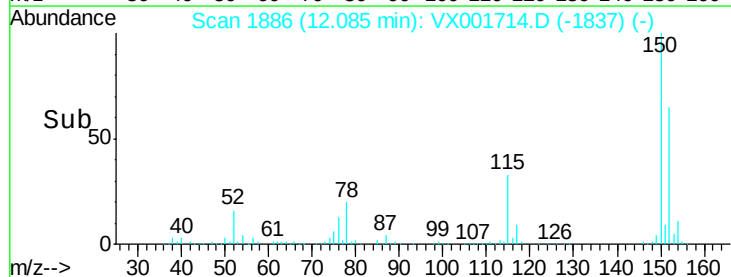
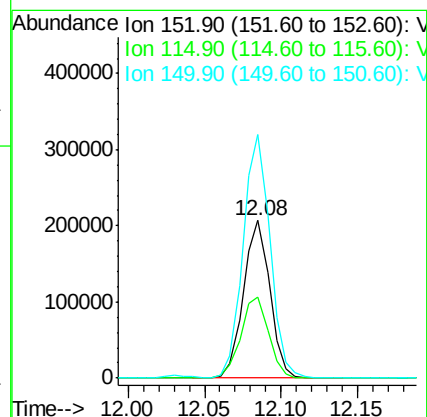
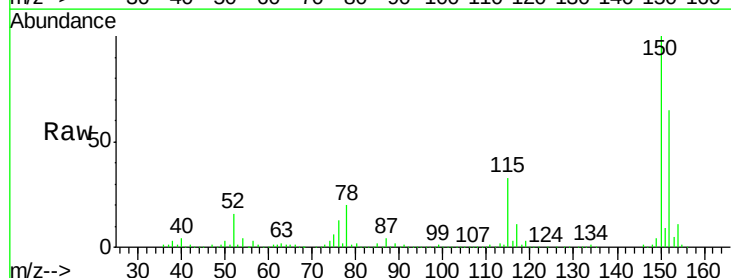
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

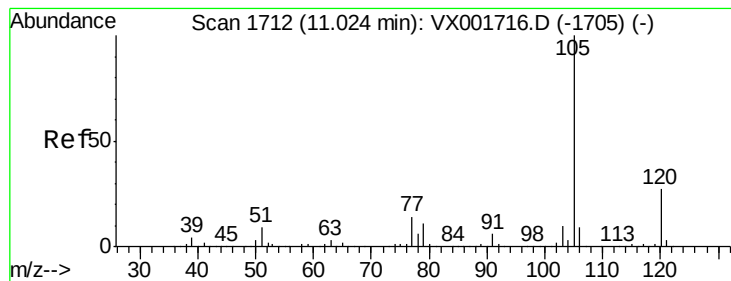
Tgt Ion:173 Resp: 11568
Ion Ratio Lower Upper
173 100
175 50.5 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:152 Resp: 247205
Ion Ratio Lower Upper
152 100
115 54.4 37.4 112.2
150 157.7 0.0 344.8





#73

Isopropylbenzene

Concen: 4.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

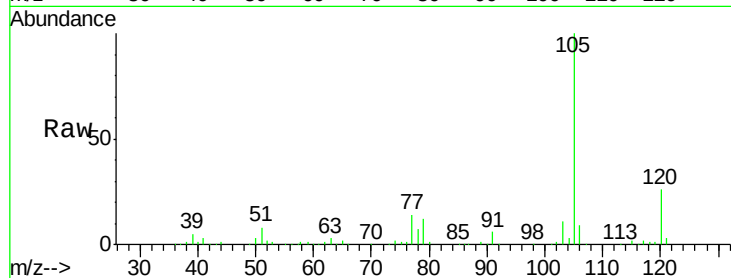
VSTDIC005

Tgt Ion:105 Resp: 77759

Ion Ratio Lower Upper

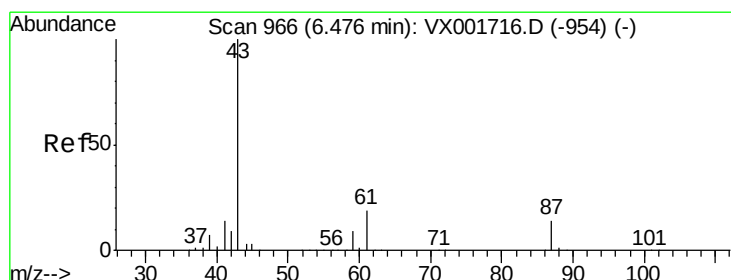
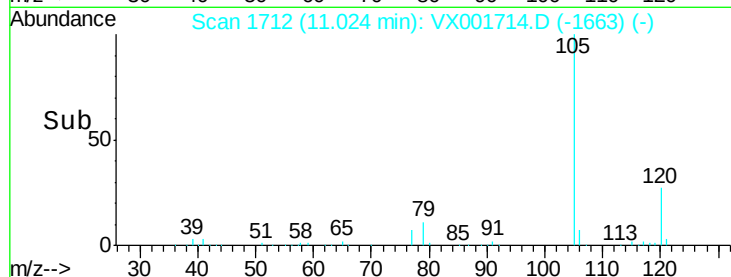
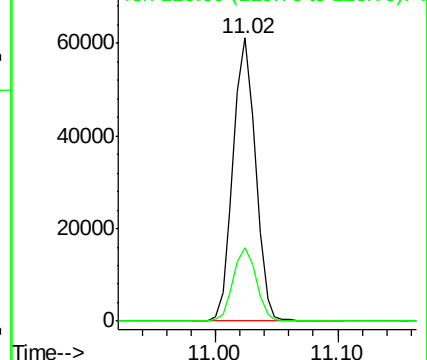
105 100

120 26.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.58 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion: 43 Resp: 35929

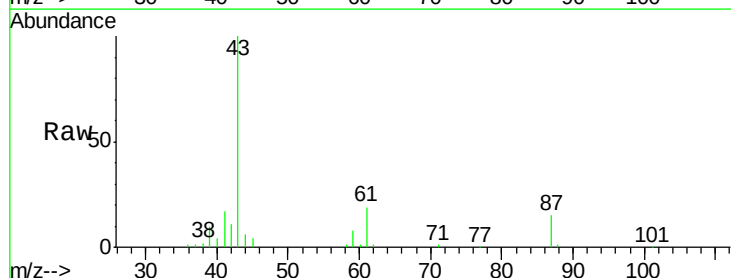
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.2 15.8 23.8

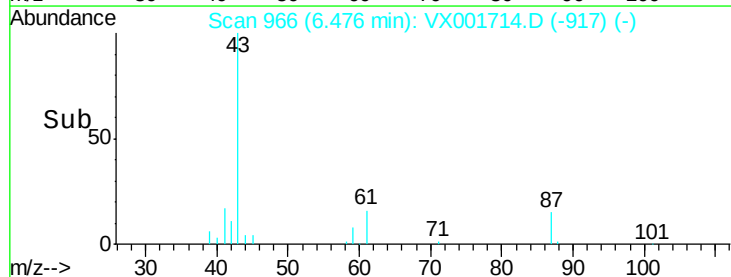
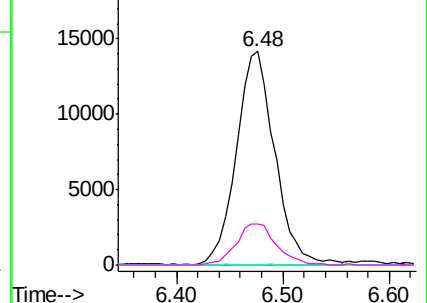


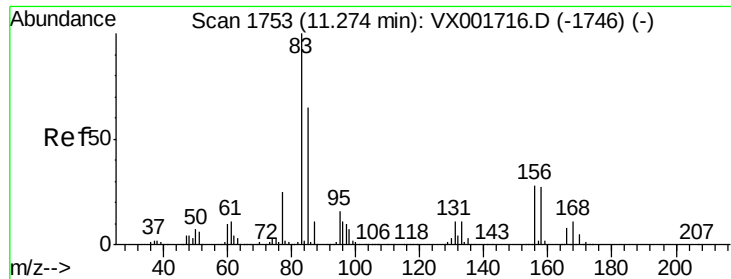
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

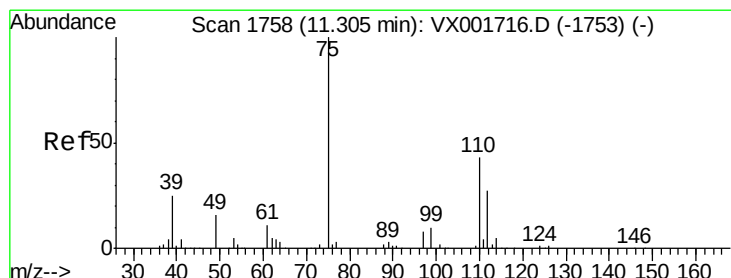
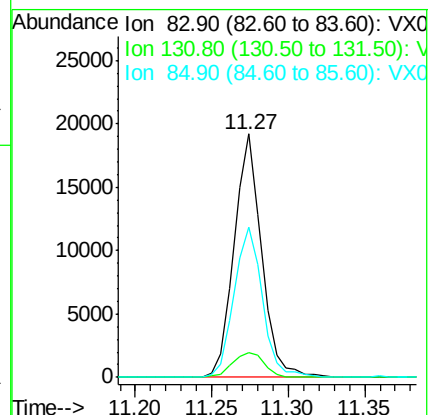
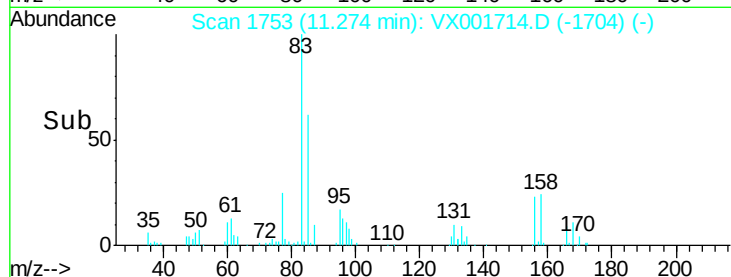
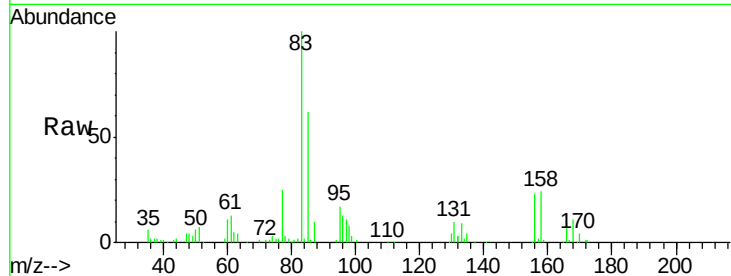
Tgt Ion: 83 Resp: 23779

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.0

85 63.7 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 5.30 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001714.D

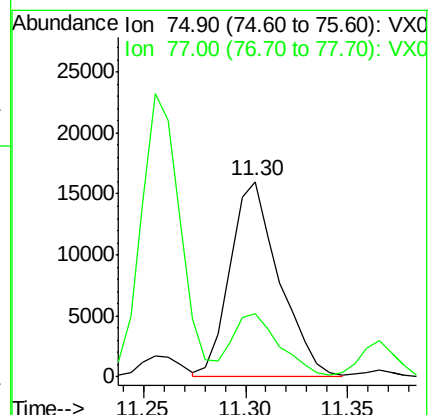
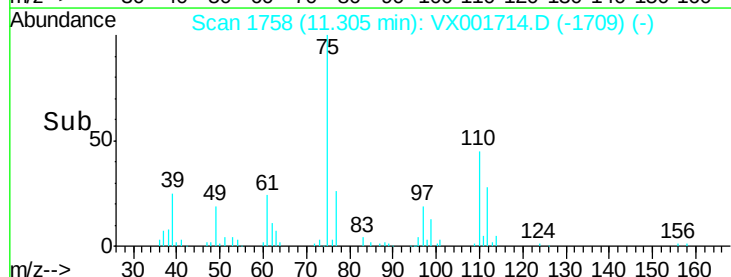
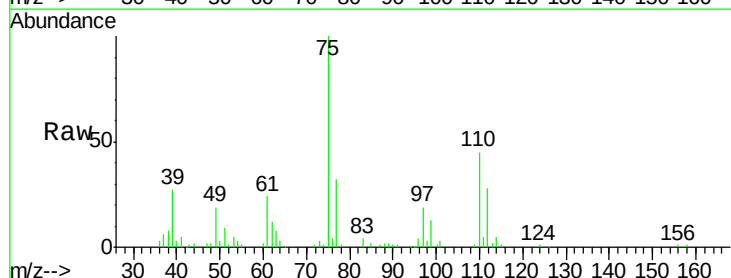
Acq: 14 May 2018 17:23

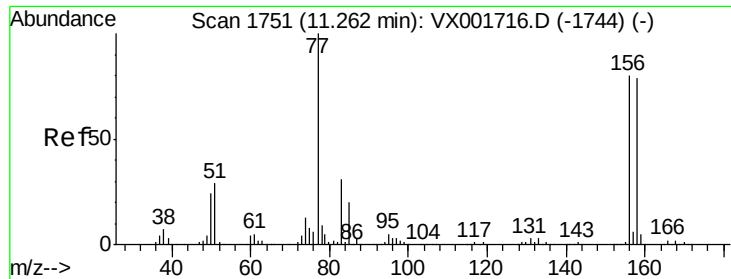
Tgt Ion: 75 Resp: 26594

Ion Ratio Lower Upper

75 100

77 30.8 18.9 56.7





#77

Bromobenzene

Concen: 4.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

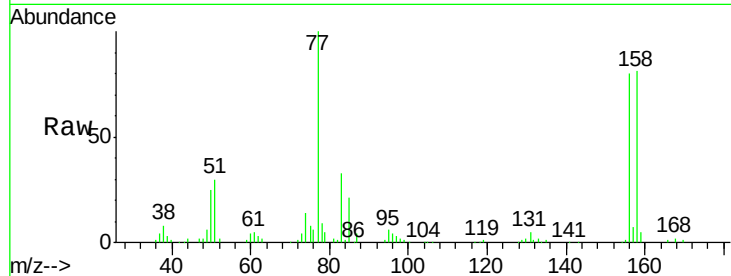
Tgt Ion:156 Resp: 22825

Ion Ratio Lower Upper

156 100

77 135.8 65.3 196.0

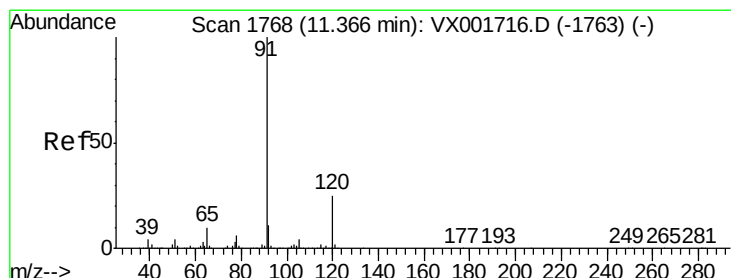
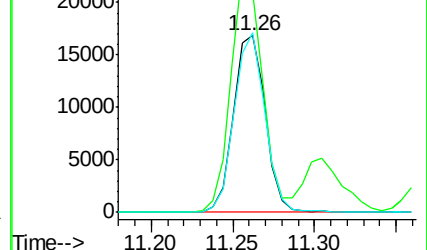
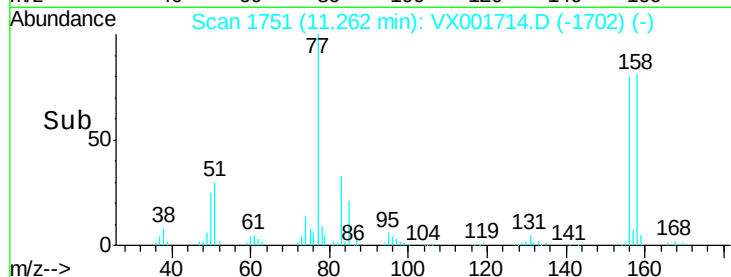
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001714.D

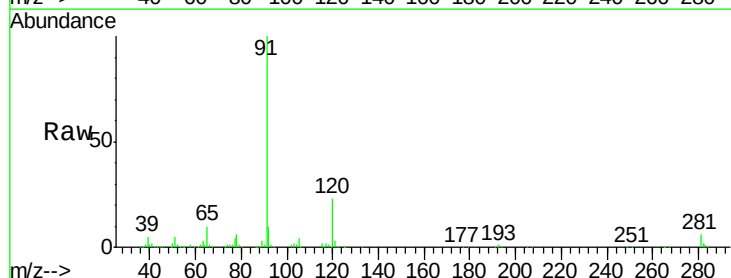
Acq: 14 May 2018 17:23

Tgt Ion: 91 Resp: 85917

Ion Ratio Lower Upper

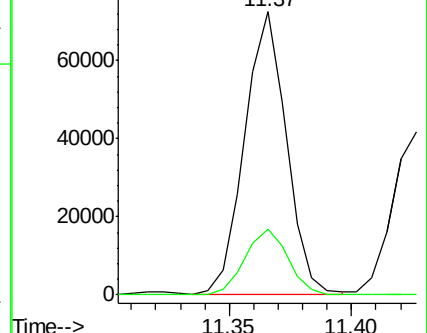
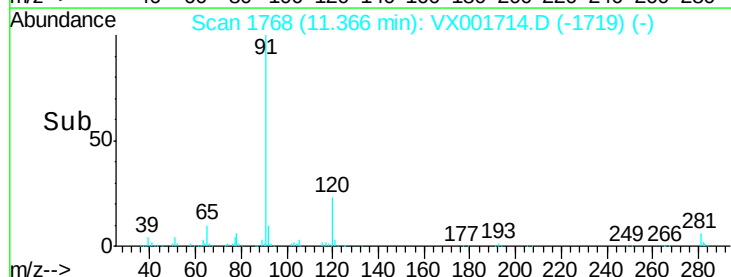
91 100

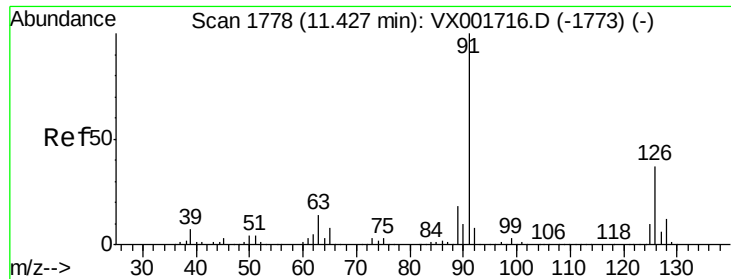
120 24.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

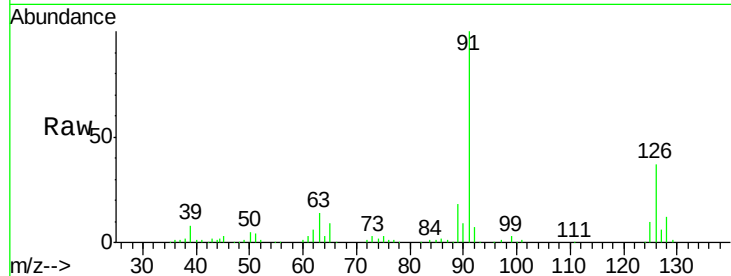
VSTDIC005

Tgt Ion: 91 Resp: 52781

Ion Ratio Lower Upper

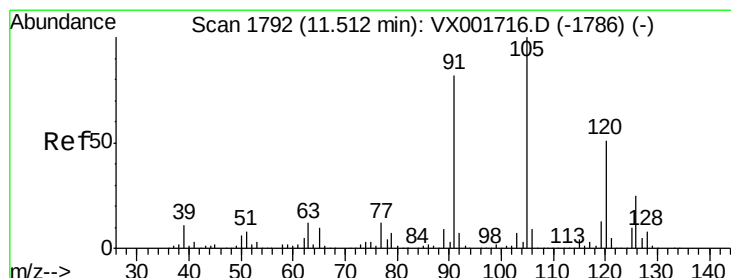
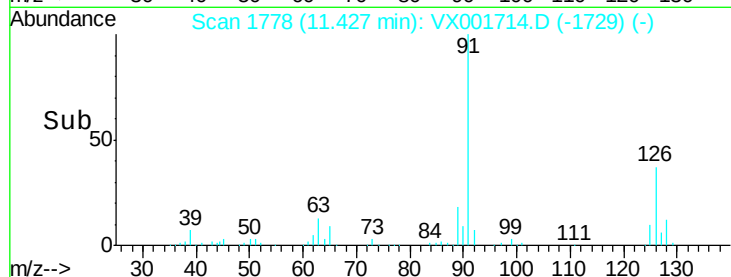
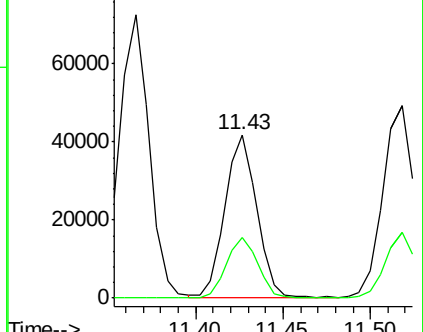
91 100

126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001714.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001714.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001714.D

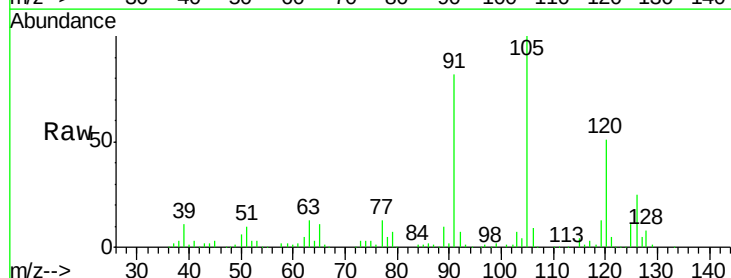
Acq: 14 May 2018 17:23

Tgt Ion: 105 Resp: 63317

Ion Ratio Lower Upper

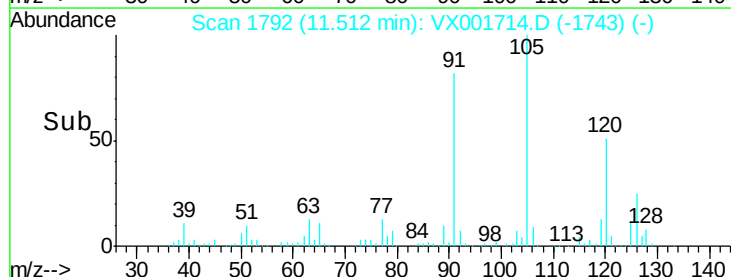
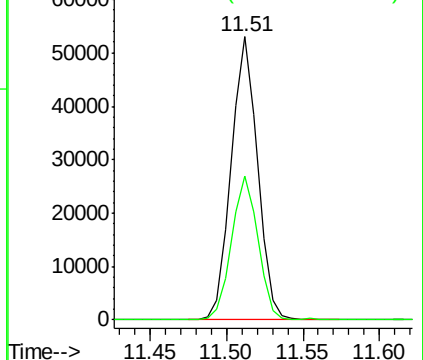
105 100

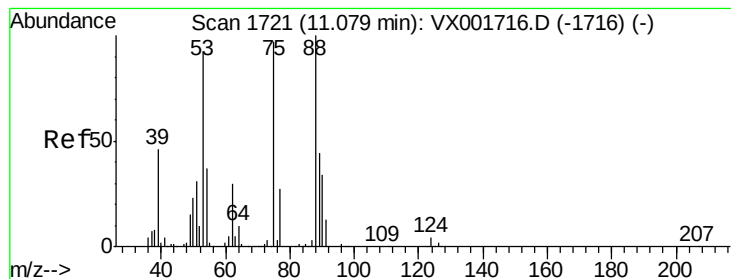
120 51.1 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001714.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 3.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

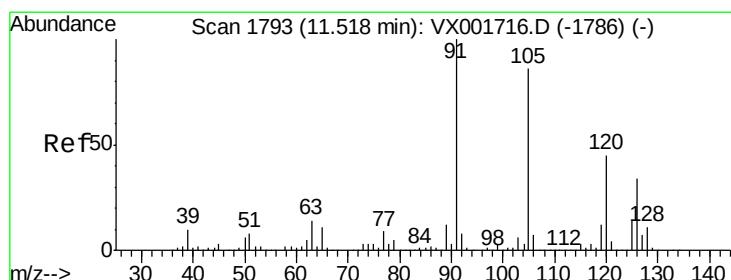
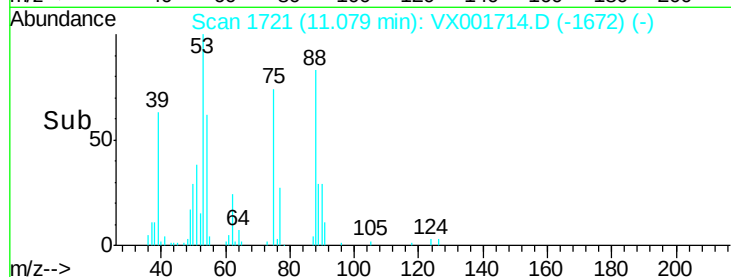
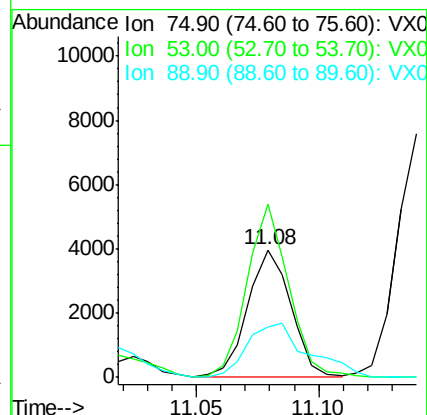
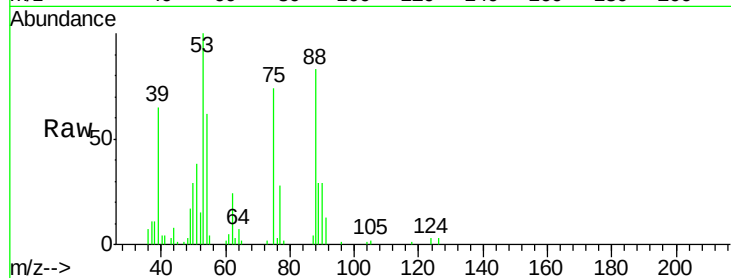
Tgt Ion: 75 Resp: 4935

Ion Ratio Lower Upper

75 100

53 130.1 79.4 119.2#

89 58.8 38.8 58.2#



#82

4-Chlorotoluene

Concen: 4.70 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001714.D

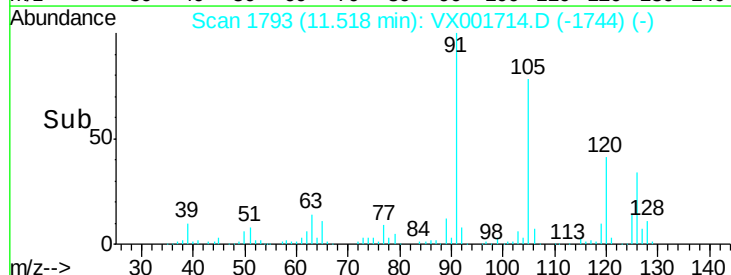
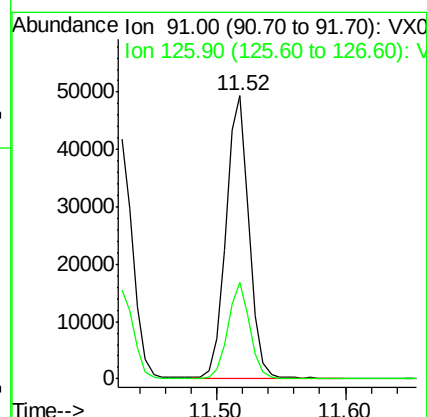
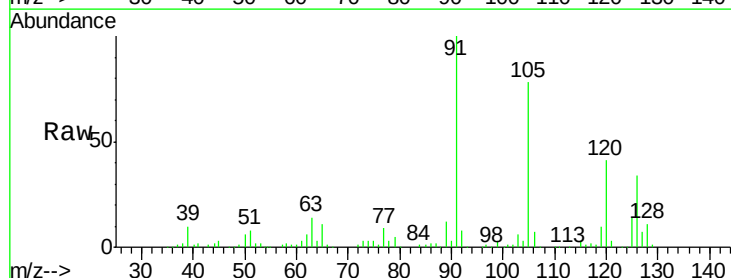
Acq: 14 May 2018 17:23

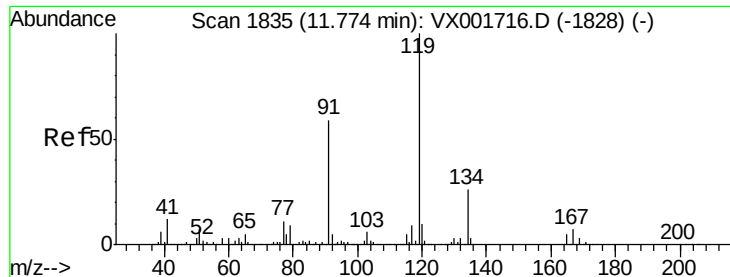
Tgt Ion: 91 Resp: 61983

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1

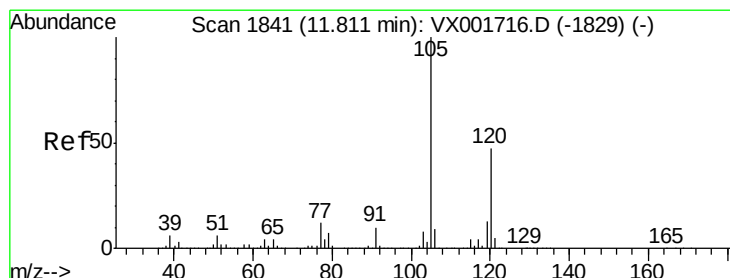
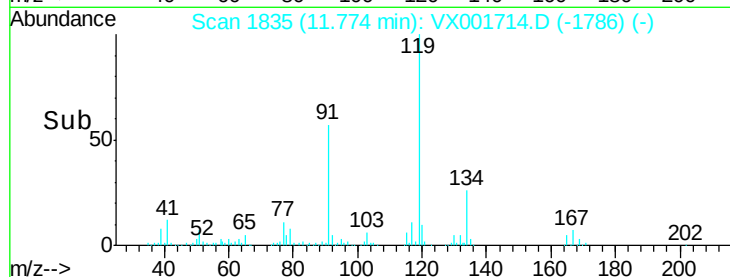
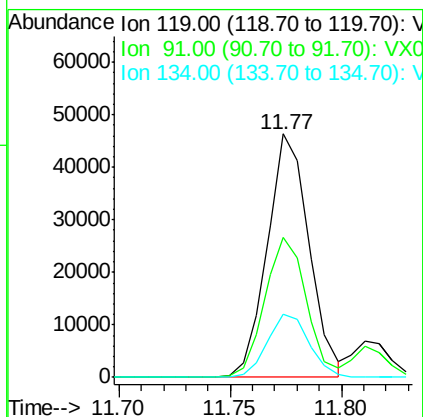
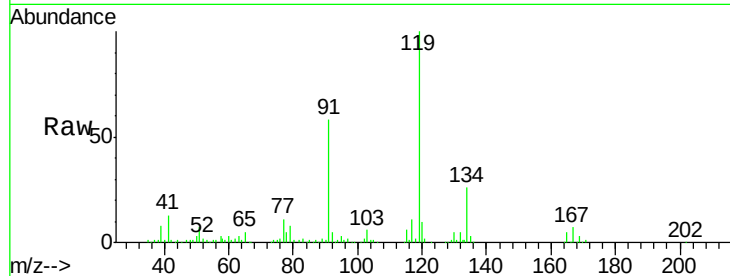




#83
 tert-Butylbenzene
 Concen: 4.29 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

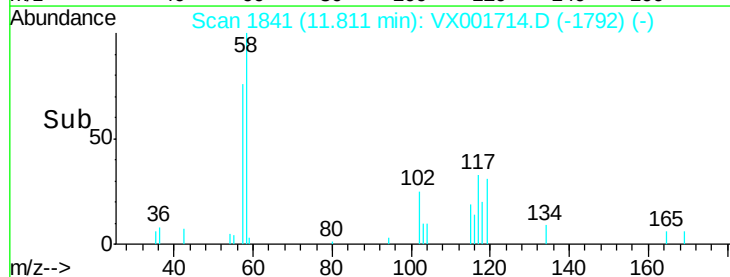
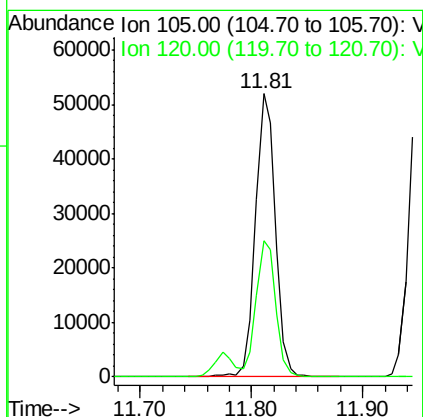
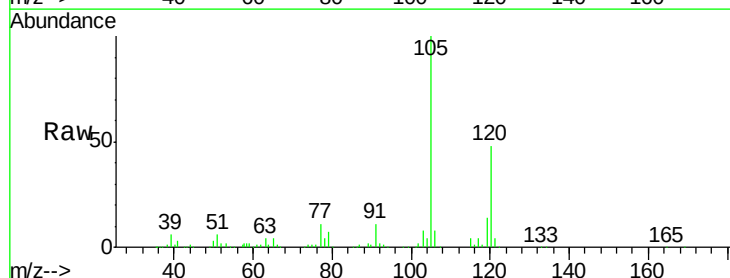
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

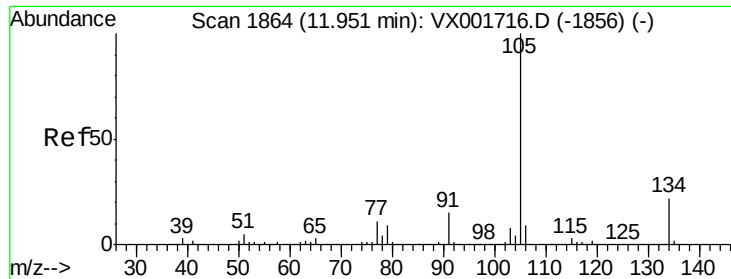
Tgt Ion:119 Resp: 60352
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.7 83.0
 134 26.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion:105 Resp: 64800
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.5





#85

sec-Butylbenzene

Concen: 4.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

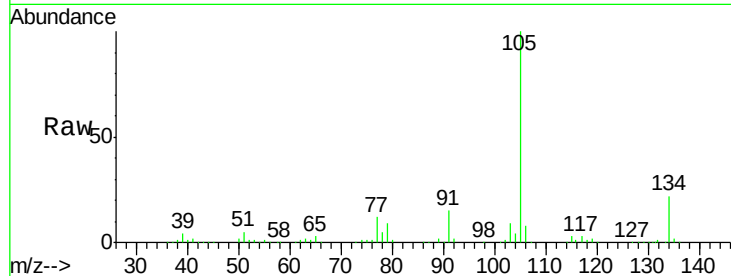
VSTDIC005

Tgt Ion:105 Resp: 76071

Ion Ratio Lower Upper

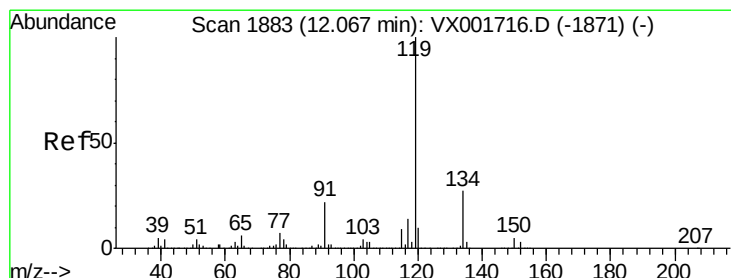
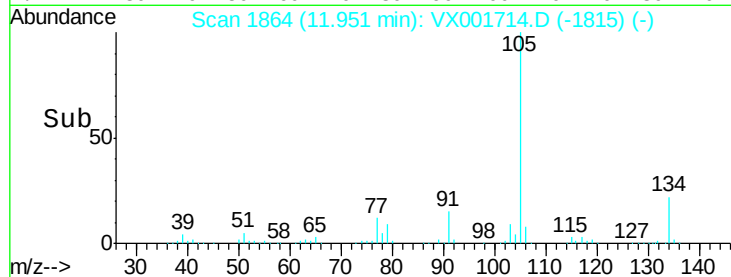
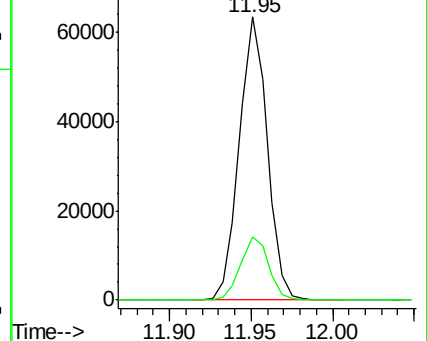
105 100

134 22.7 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.53 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

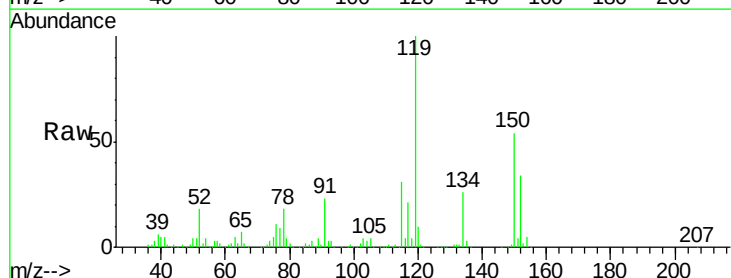
Tgt Ion:119 Resp: 70360

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

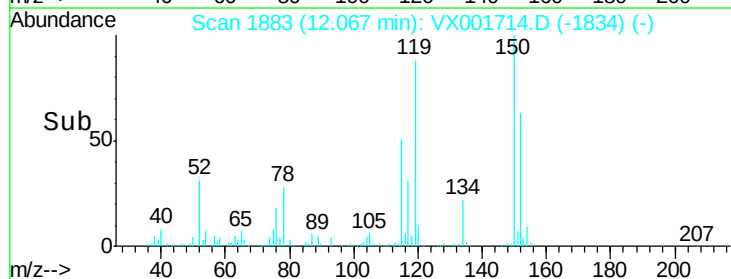
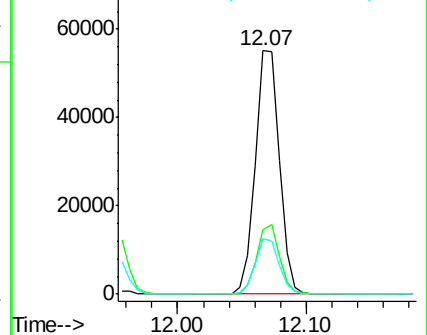
91 22.8 10.7 32.1

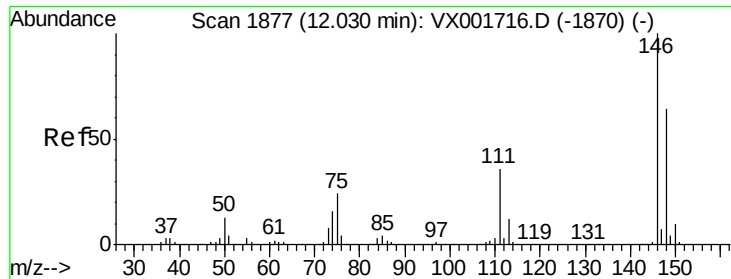


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

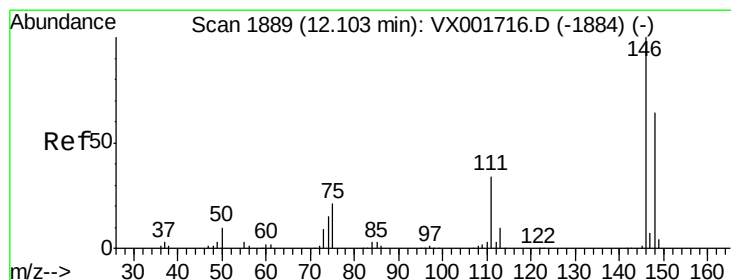
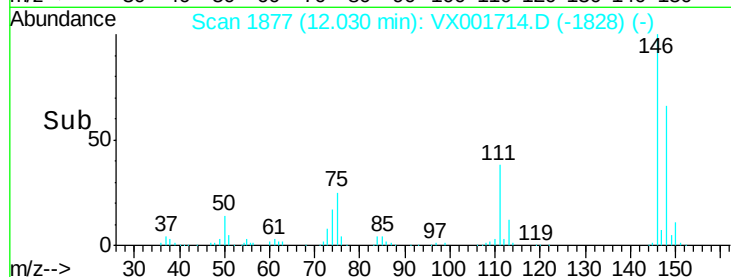
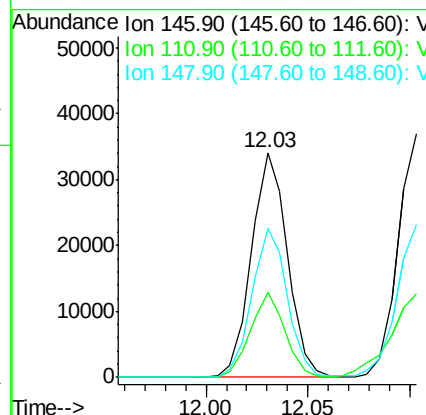
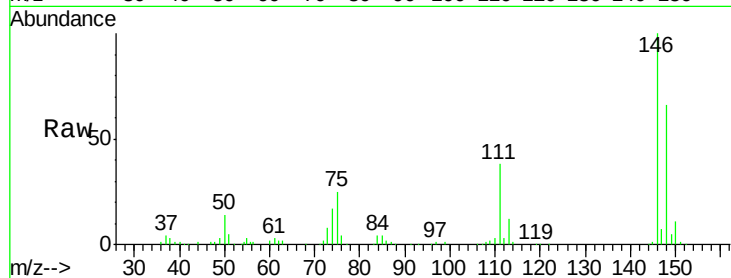




#87
 1,3-Dichlorobenzene
 Concen: 4.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

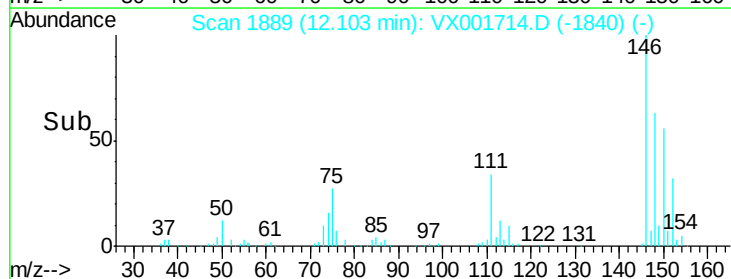
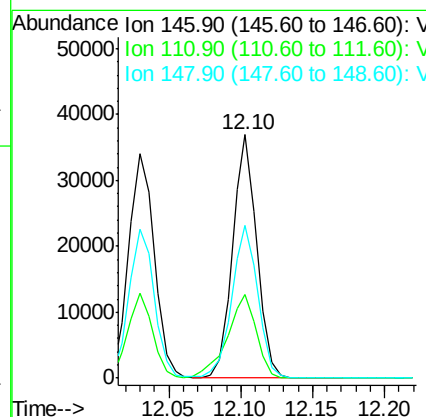
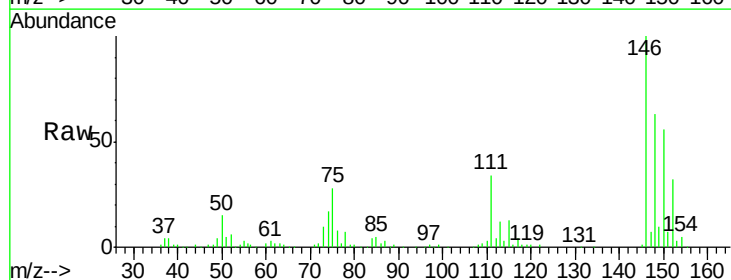
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

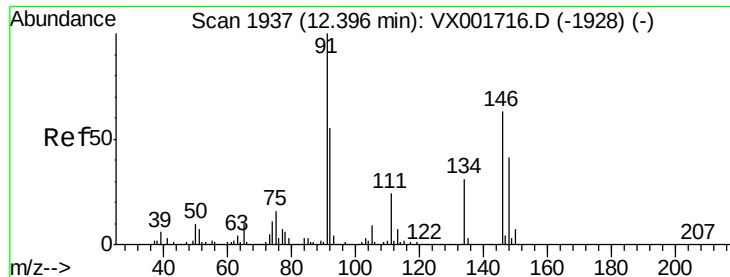
Tgt Ion:146 Resp: 41849
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.8 53.4
 148 65.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 4.83 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion:146 Resp: 43835
 Ion Ratio Lower Upper
 146 100
 111 41.3 17.3 52.0
 148 67.6 32.3 96.9





#89

n-Butylbenzene

Concen: 4.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

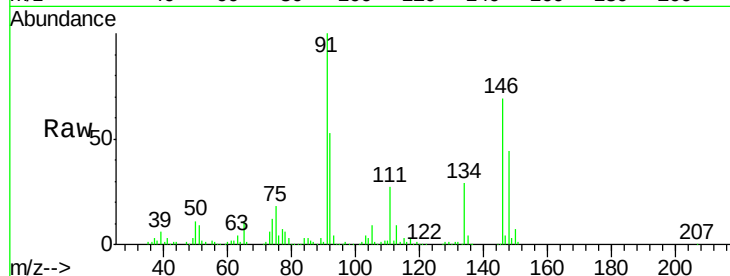
Tgt Ion: 91 Resp: 58352

Ion Ratio Lower Upper

91 100

92 53.8 27.3 81.9

134 29.2 14.7 44.1

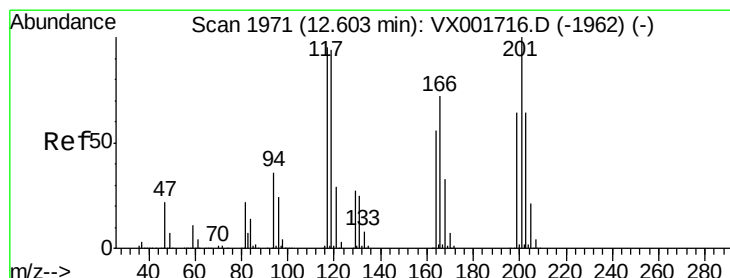
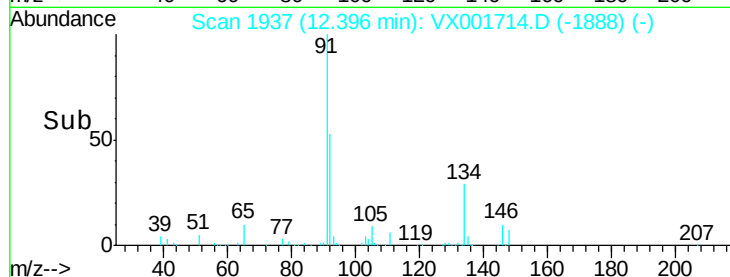


Abundance Ion 91.00 (90.70 to 91.70): VX001714.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX001714.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX001714.D (-1928) (-)

Time-->



#90

Hexachloroethane

Concen: 4.19 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001714.D

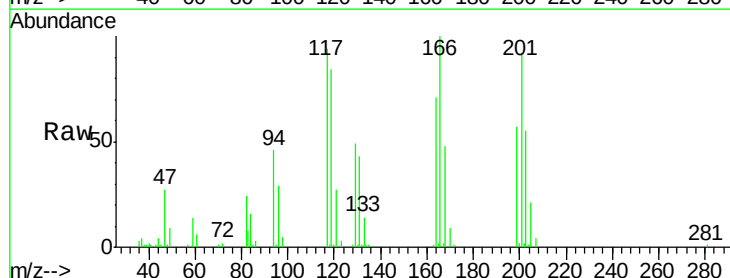
Acq: 14 May 2018 17:23

Tgt Ion: 117 Resp: 9910

Ion Ratio Lower Upper

117 100

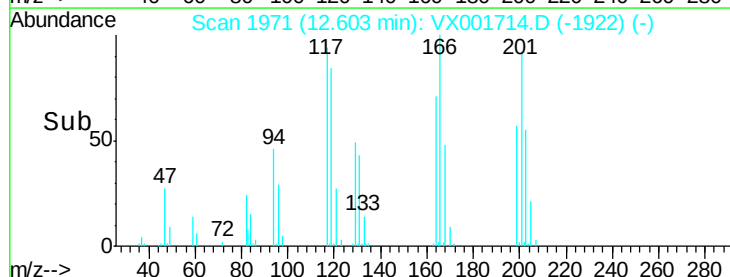
201 98.0 51.9 155.7

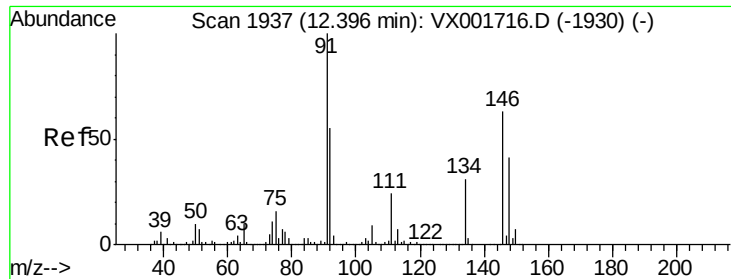


Abundance Ion 116.80 (116.50 to 117.50): VX001714.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001714.D (-1922) (-)

Time-->

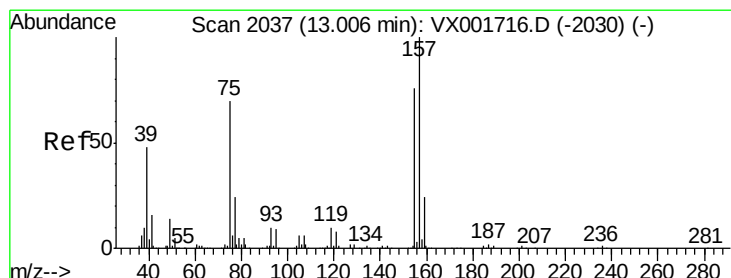
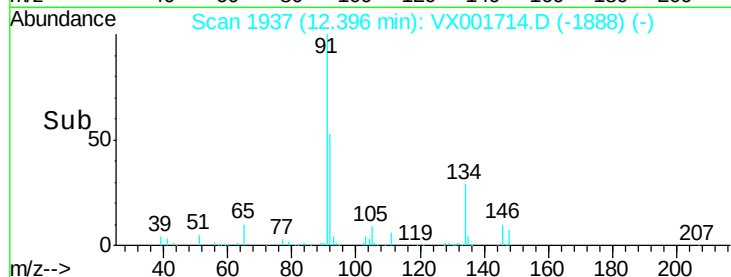
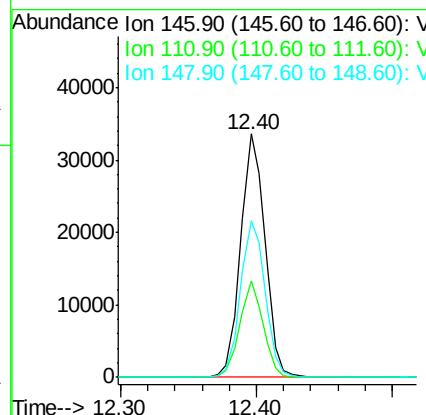
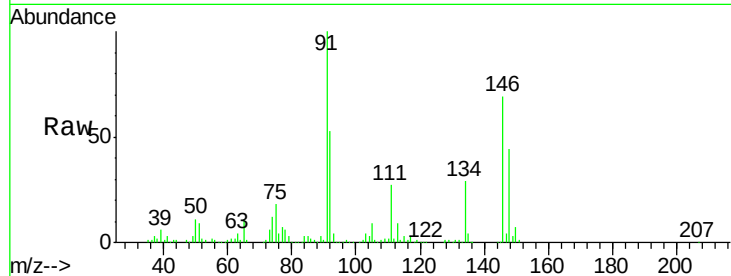




#91
 1,2-Dichlorobenzene
 Concen: 4.65 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

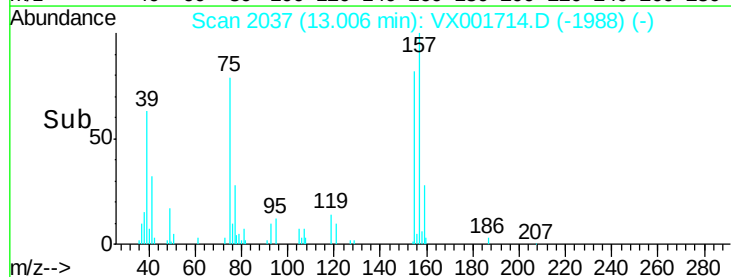
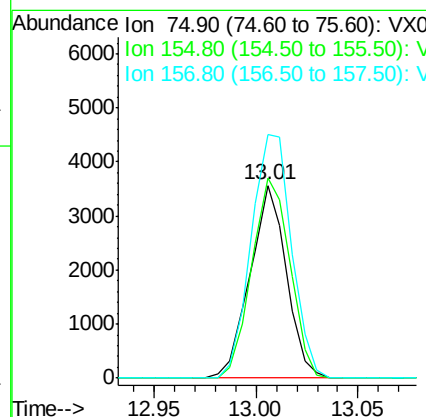
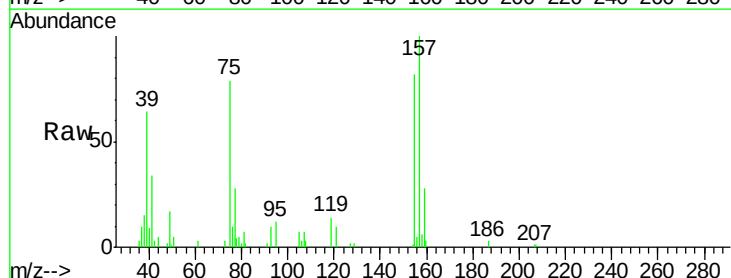
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

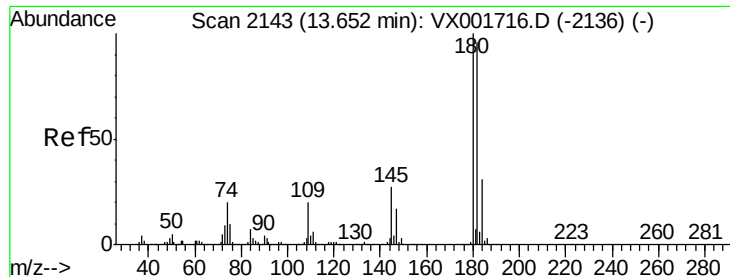
Tgt Ion:146 Resp: 41918
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 65.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 75 Resp: 4418
 Ion Ratio Lower Upper
 75 100
 155 108.9 53.9 161.8
 157 140.4 71.0 213.2

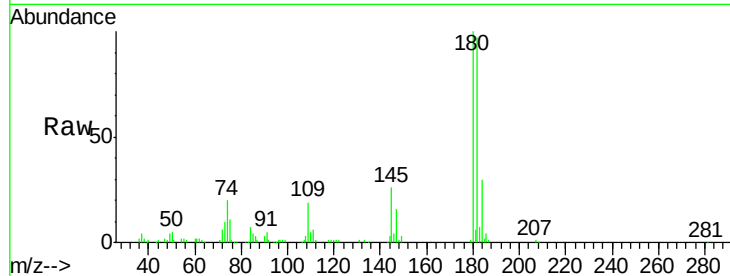




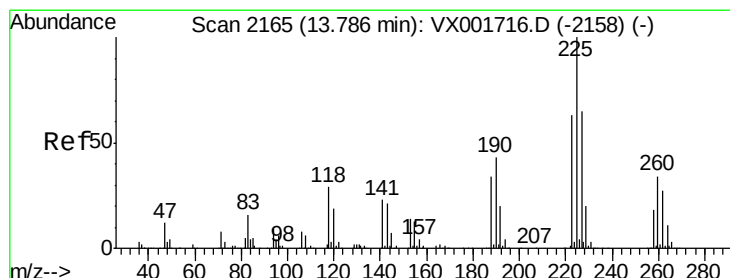
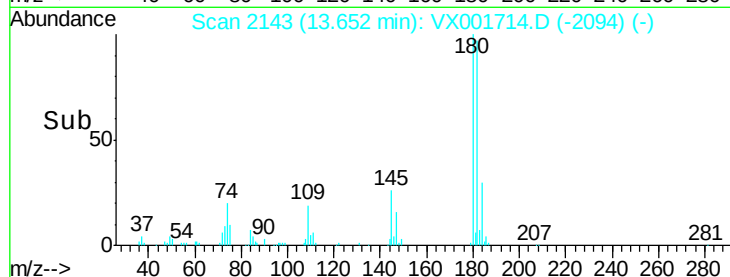
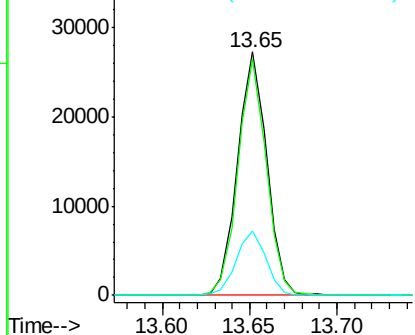
#93
 1,2,4-Trichlorobenzene
 Concen: 4.75 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 31722
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.9
 145 27.0 13.4 40.1

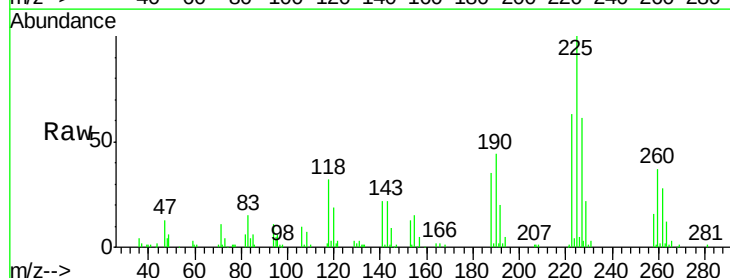


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

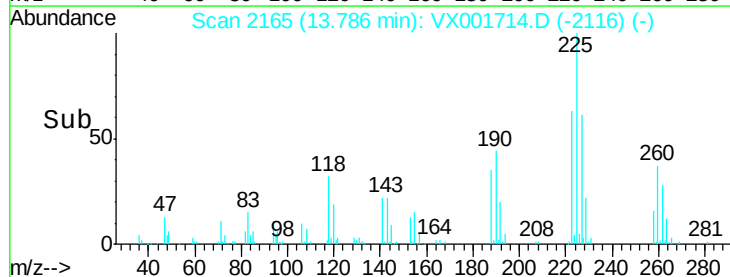
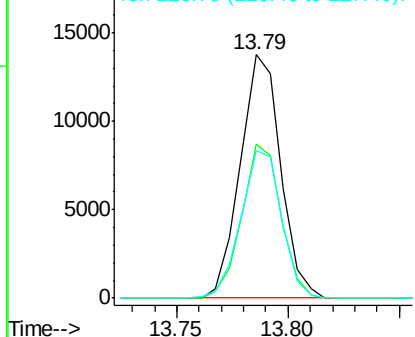


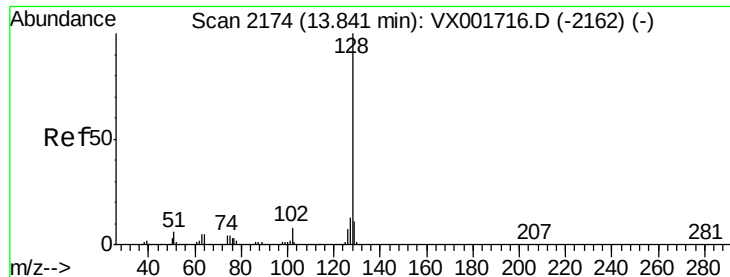
#94
 Hexachlorobutadiene
 Concen: 4.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion:225 Resp: 17387
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.1 93.5
 227 61.1 31.9 95.5



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





#95

Naphthalene

Concen: 4.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

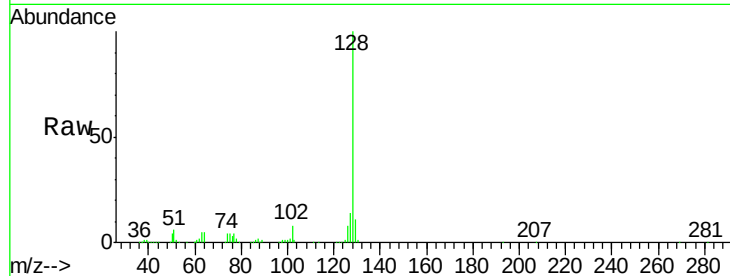
Tgt Ion:128 Resp: 78706

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

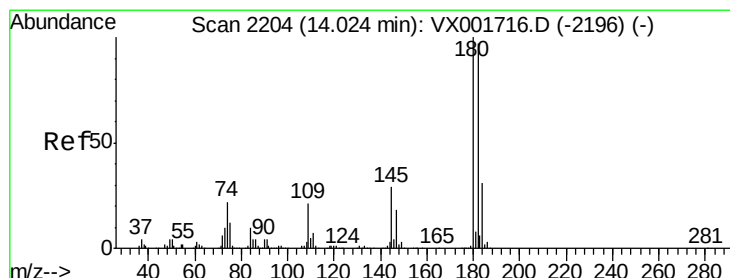
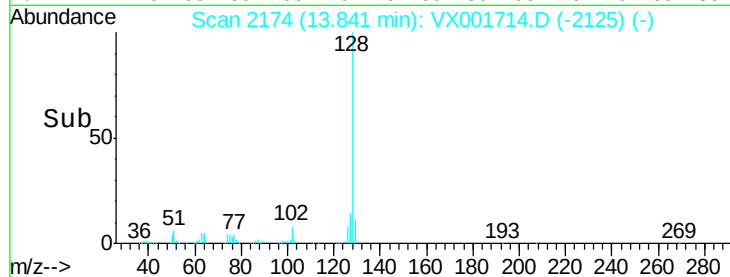
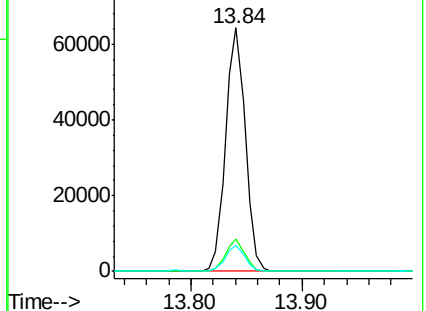
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.70 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

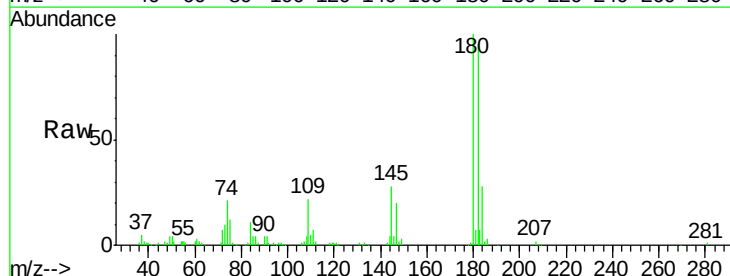
Tgt Ion:180 Resp: 32105

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 28.2 14.2 42.8



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

