

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001780.D
 Acq On : 16 May 2018 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 03:00:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214807	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170859	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
35) Dibromofluoromethane	5.51	113	149947	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	8.72	98	563277	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.14	95	178233	41.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	143698	47.32	ug/l	99
3) Chloromethane	1.32	50	162597	49.57	ug/l	99
4) Vinyl Chloride	1.40	62	172168	48.55	ug/l	100
5) Bromomethane	1.64	94	66770	44.38	ug/l	98
6) Chloroethane	1.72	64	111738	50.02	ug/l	98
7) Trichlorofluoromethane	1.92	101	248127	48.15	ug/l	98
8) Diethyl Ether	2.19	74	104251	49.15	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	149998	48.35	ug/l	98
10) Methyl Iodide	2.51	142	204169	71.53	ug/l	99
11) Tert butyl alcohol	3.09	59	193214	268.33	ug/l	100
12) 1,1-Dichloroethene	2.37	96	141408	47.28	ug/l	98
13) Acrolein	2.29	56	120011	235.00	ug/l	100
14) Allyl chloride	2.73	41	274759	49.70	ug/l	96
15) Acrylonitrile	3.15	53	464952	257.08	ug/l	100
16) Acetone	2.45	43	407703	255.94	ug/l	99
17) Carbon Disulfide	2.57	76	345534	44.29	ug/l	99
18) Methyl Acetate	2.78	43	252890	54.30	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	494576	49.06	ug/l	100
20) Methylene Chloride	2.86	84	163448	47.93	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	153339	46.54	ug/l	100
22) Diisopropyl ether	3.88	45	533890	50.34	ug/l	98
23) Vinyl Acetate	3.83	43	1761817	230.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	286548	49.27	ug/l	99
25) 2-Butanone	4.71	43	658210	269.89	ug/l	97
26) 2,2-Dichloropropane	4.59	77	189773	40.53	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	184292	49.16	ug/l	98
28) Bromochloromethane	5.03	49	141983	54.96	ug/l	98
29) Tetrahydrofuran	5.17	42	423714	266.53	ug/l	100
30) Chloroform	5.22	83	303318	49.65	ug/l	99
31) Cyclohexane	5.58	56	258839	50.77	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	264841	50.17	ug/l	99
36) 1,1-Dichloropropene	5.80	75	218037	47.95	ug/l	100
37) Ethyl Acetate	4.87	43	244982	51.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	237200	49.79	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266444	50.15	ug/l	99
40) Benzene	6.15	78	678463	50.64	ug/l	100
41) Methacrylonitrile	5.07	41	140752	51.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	233599	48.21	ug/l	98
43) Isopropyl Acetate	6.48	43	374913	50.55	ug/l	99
44) Trichloroethene	7.21	130	206041	49.55	ug/l	100
45) 1,2-Dichloropropane	7.52	63	172723	52.54	ug/l	100
46) Dibromomethane	7.67	93	114301	49.51	ug/l	98
47) Bromodichloromethane	7.90	83	222091	51.84	ug/l	96
48) Methyl methacrylate	7.79	41	203571	52.14	ug/l	98
49) 1,4-Dioxane	7.76	88	94295	1254.39	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1295040	275.51	ug/l	99
52) Toluene	8.79	92	442865	51.44	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	259059	51.40	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	230442	51.87	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	158479	48.16	ug/l	99
56) Ethyl methacrylate	9.19	69	232273	49.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	259157	47.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	657924	274.06	ug/l	100
59) 2-Hexanone	9.51	43	868662	258.15	ug/l	99
60) Dibromochloromethane	9.59	129	169864	50.41	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166518	48.33	ug/l	99
64) Tetrachloroethene	9.34	164	219384	51.40	ug/l	99
65) Chlorobenzene	10.15	112	443530	49.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170300	53.46	ug/l	98
67) Ethyl Benzene	10.26	91	731969	50.78	ug/l	99
68) m/p-Xylenes	10.37	106	591062	103.93	ug/l	99
69) o-Xylene	10.71	106	284720	52.28	ug/l	100
70) Styrene	10.72	104	469139	52.23	ug/l	99
71) Bromoform	10.87	173	140003	47.39	ug/l	98
73) Isopropylbenzene	11.02	105	762089	53.87	ug/l	100
74) N-amyl acetate	6.48	43	374913	55.28	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221634	52.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	260886	63.87	ug/l	90
77) Bromobenzene	11.26	156	215097	51.75	ug/l	99
78) n-propylbenzene	11.37	91	832799	52.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	499729	52.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	628932	54.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61360	45.11	ug/l	98
82) 4-Chlorotoluene	11.52	91	574771	51.19	ug/l	99
83) tert-Butylbenzene	11.77	119	615315	53.28	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	650456	54.12	ug/l	99
85) sec-Butylbenzene	11.95	105	758601	53.21	ug/l	100
86) p-Isopropyltoluene	12.07	119	696020	52.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385759	50.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	385370	48.48	ug/l	100
89) n-Butylbenzene	12.40	91	555936	48.73	ug/l	100
90) Hexachloroethane	12.60	117	112969	55.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389729	50.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49669	54.84	ug/l	95

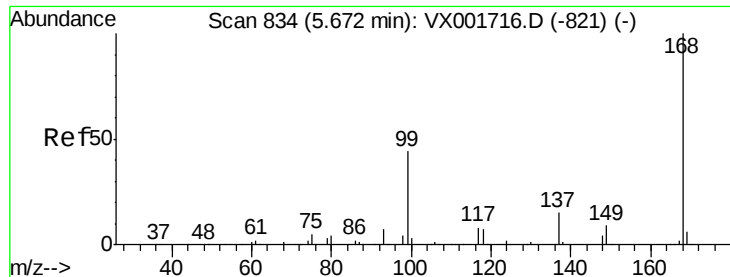
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290415	47.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	155000	47.29	ug/l	100
95) Naphthalene	13.84	128	843460	53.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	304718	49.56	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

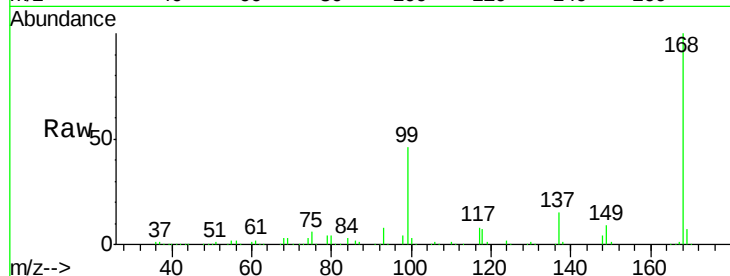
VSTDCCC050EC

Tgt Ion:168 Resp: 302583

Ion Ratio Lower Upper

168 100

99 45.5 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

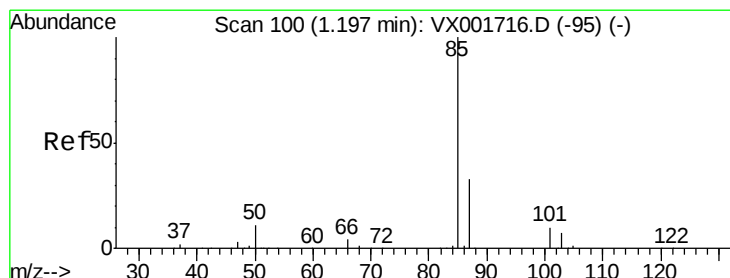
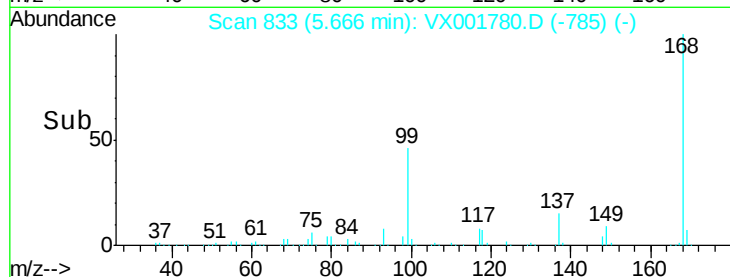
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001780.D

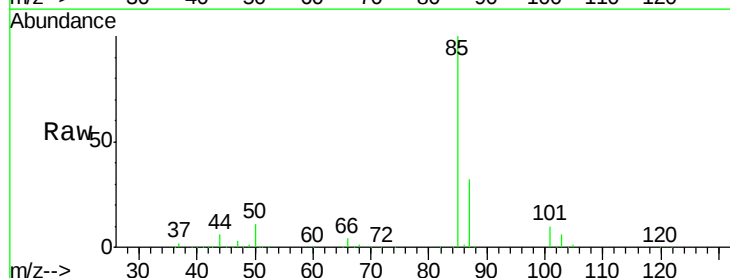
Acq: 16 May 2018 22:17

Tgt Ion: 85 Resp: 143698

Ion Ratio Lower Upper

85 100

87 32.0 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

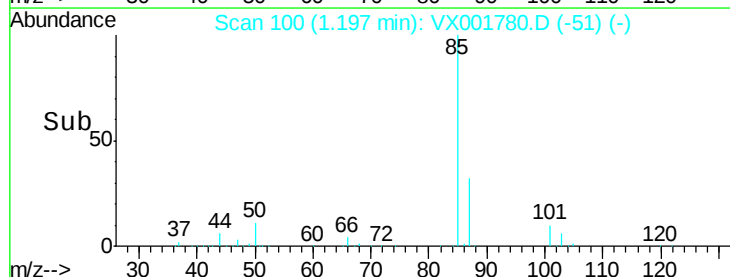
150000

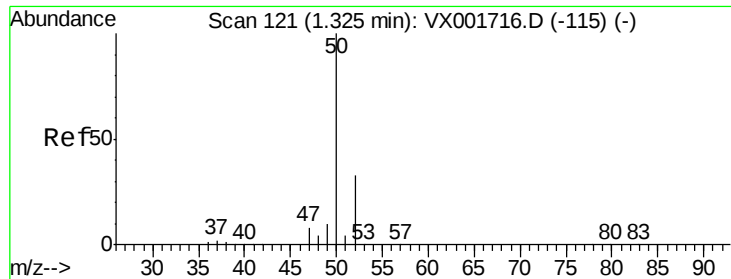
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

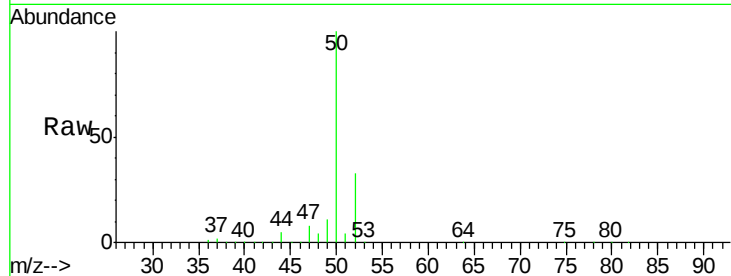
VSTDCCC050EC

Tgt Ion: 50 Resp: 162597

Ion Ratio Lower Upper

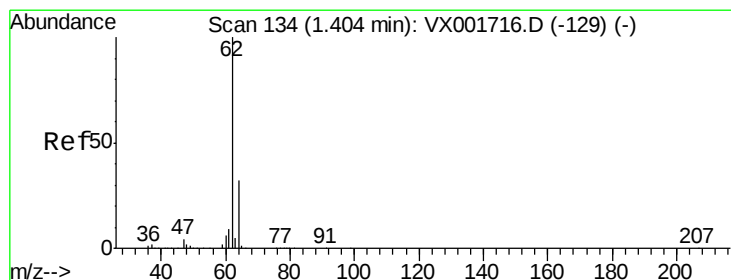
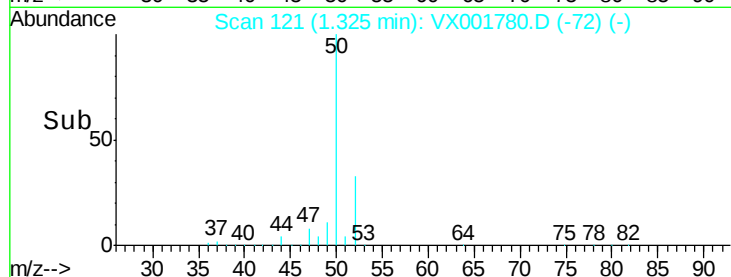
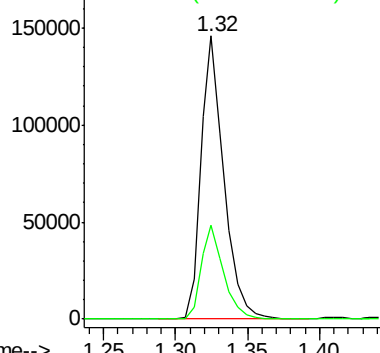
50 100

52 33.4 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: 48.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001780.D

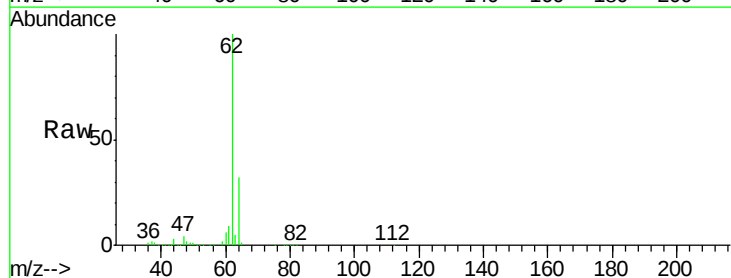
Acq: 16 May 2018 22:17

Tgt Ion: 62 Resp: 172168

Ion Ratio Lower Upper

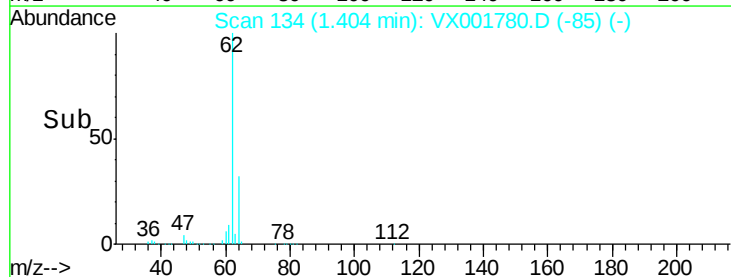
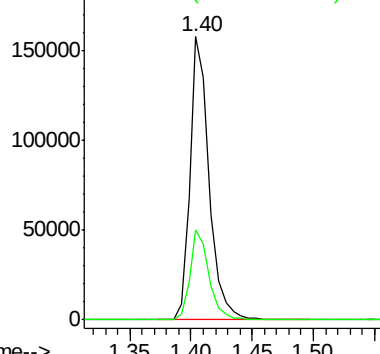
62 100

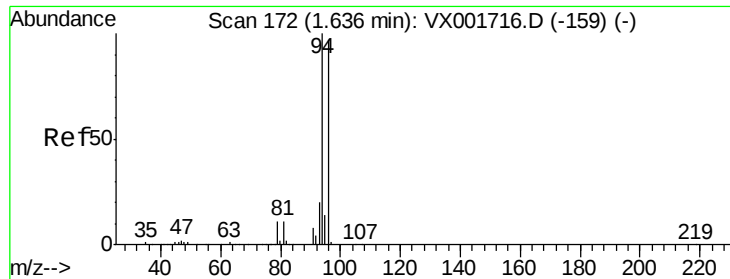
64 31.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

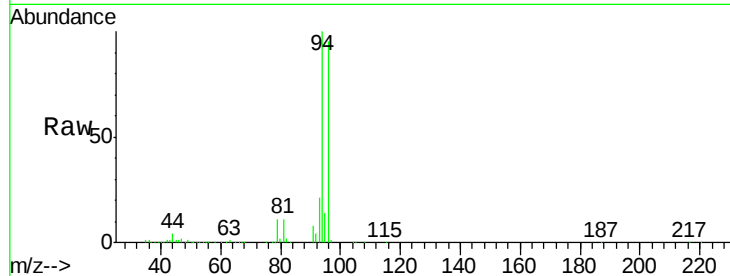
VSTDCCC050EC

Tgt Ion: 94 Resp: 66770

Ion Ratio Lower Upper

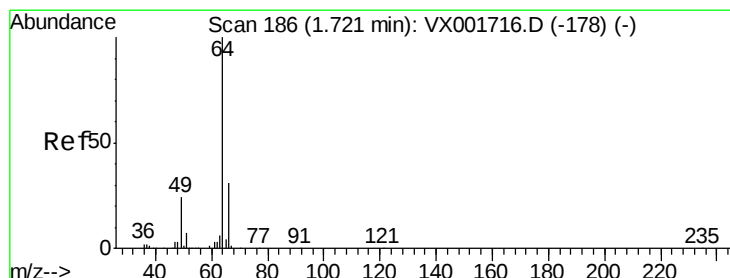
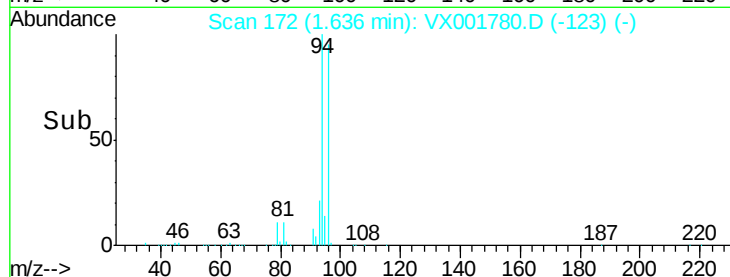
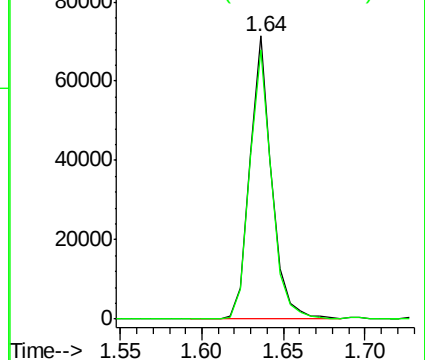
94 100

96 95.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.02 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001780.D

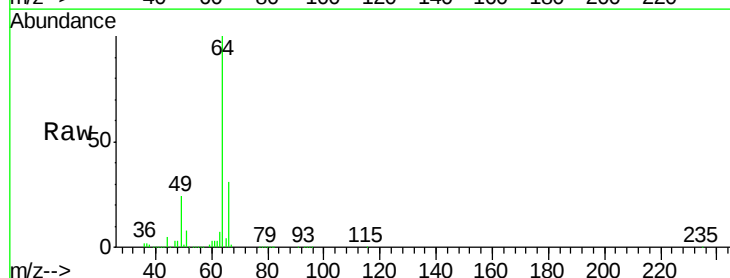
Acq: 16 May 2018 22:17

Tgt Ion: 64 Resp: 111738

Ion Ratio Lower Upper

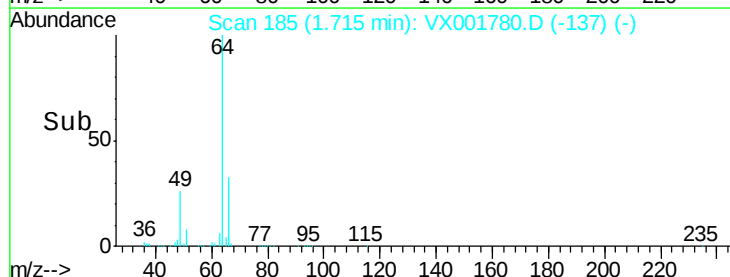
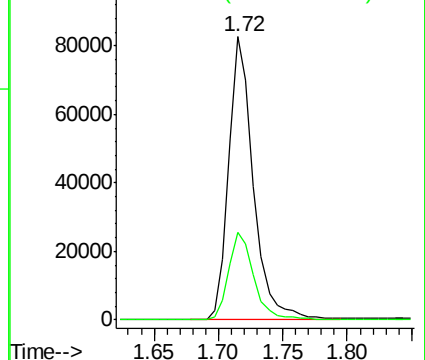
64 100

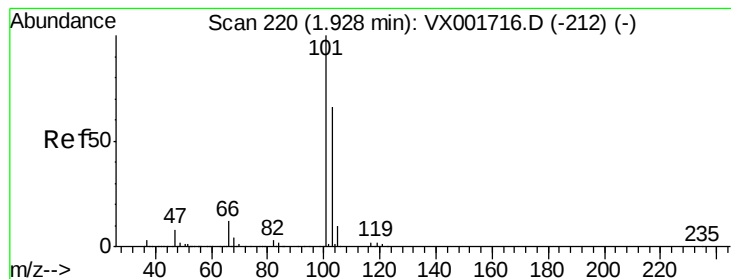
66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 48.15 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

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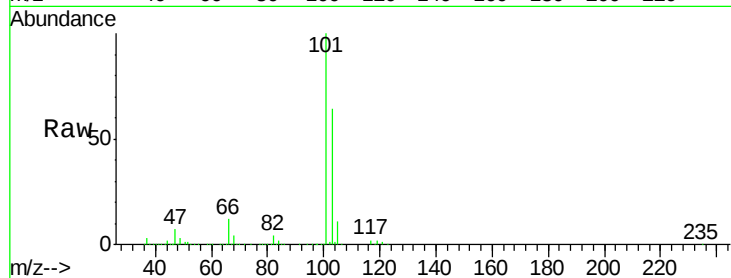
VSTDCCC050EC

Tgt Ion:101 Resp: 248127

Ion Ratio Lower Upper

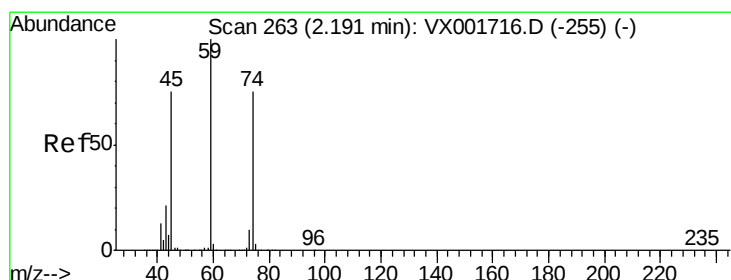
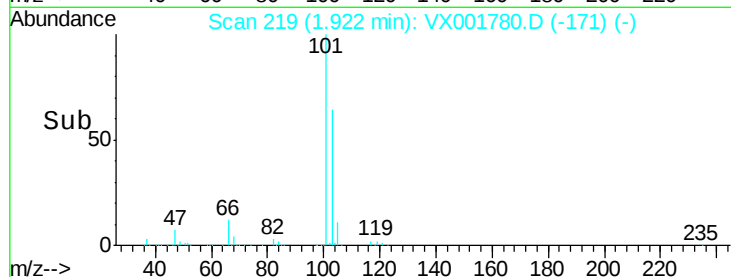
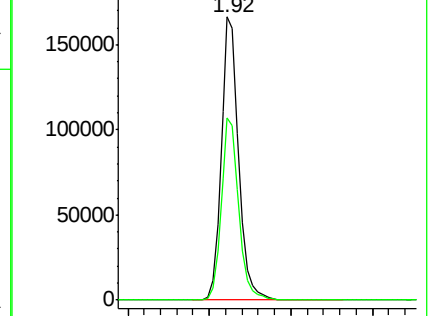
101 100

103 64.4 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: 49.15 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001780.D

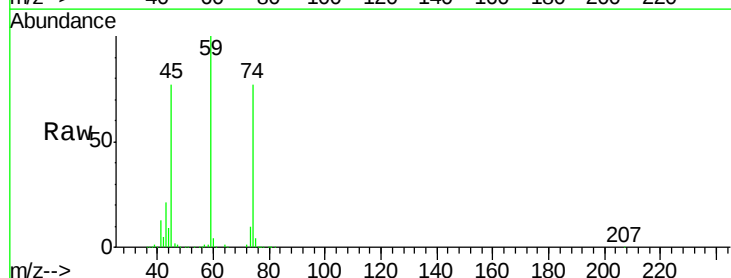
Acq: 16 May 2018 22:17

Tgt Ion: 74 Resp: 104251

Ion Ratio Lower Upper

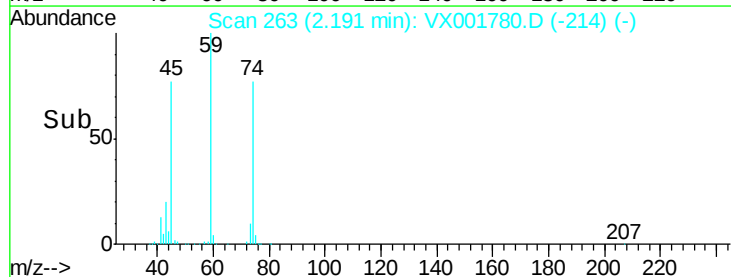
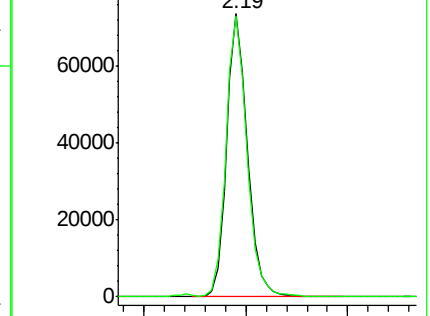
74 100

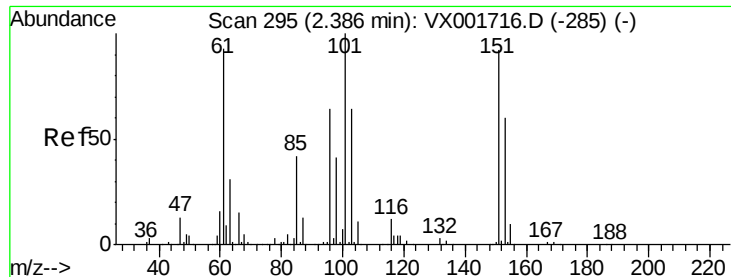
45 99.6 50.0 149.8



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: 48.35 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001780.D

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VSTDCCC050EC

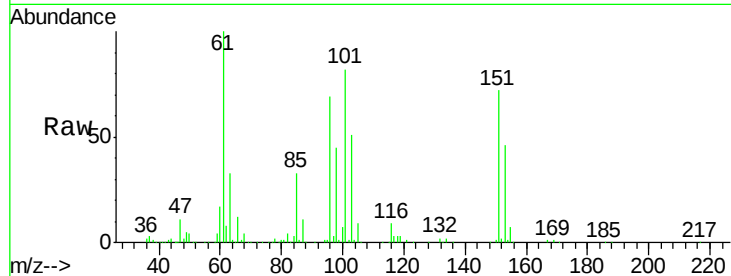
Tgt Ion:101 Resp: 149998

Ion Ratio Lower Upper

101 100

85 40.0 33.7 50.5

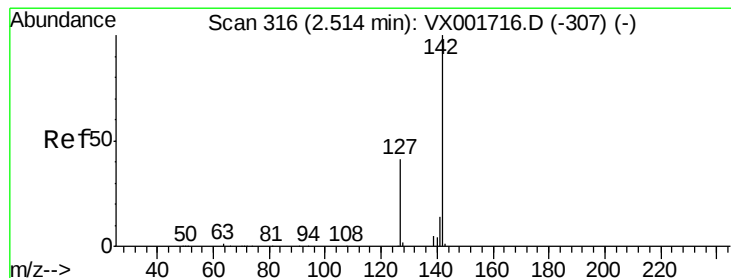
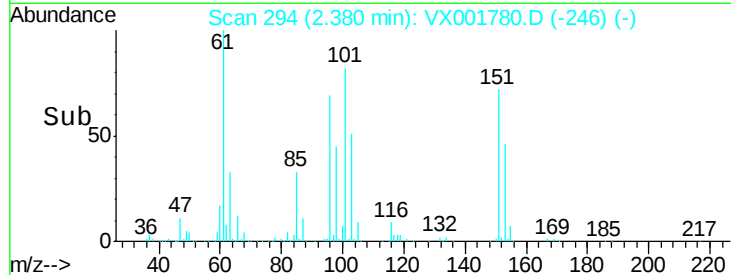
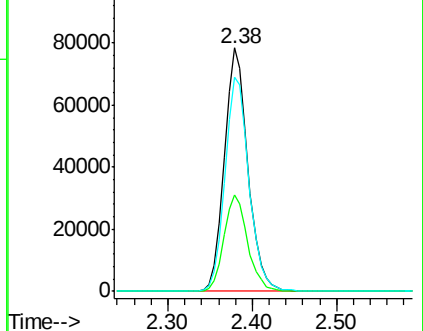
151 89.8 73.0 109.6



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: 71.53 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

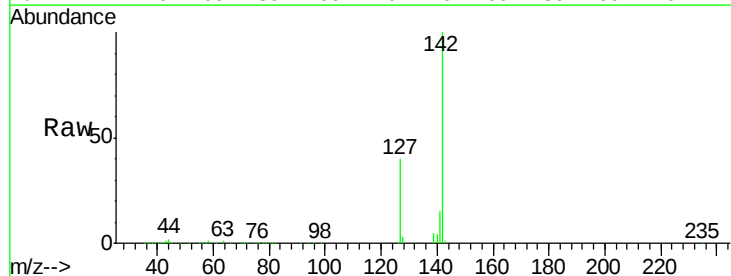
Tgt Ion:142 Resp: 204169

Ion Ratio Lower Upper

142 100

127 39.7 32.5 48.7

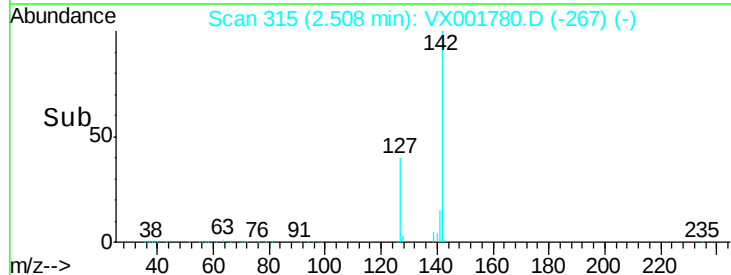
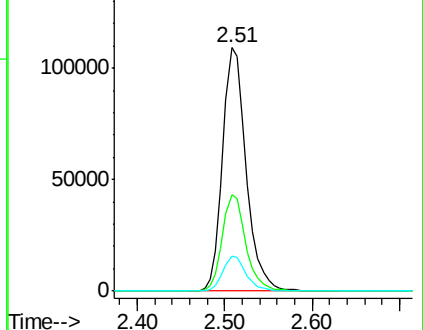
141 14.2 11.4 17.0

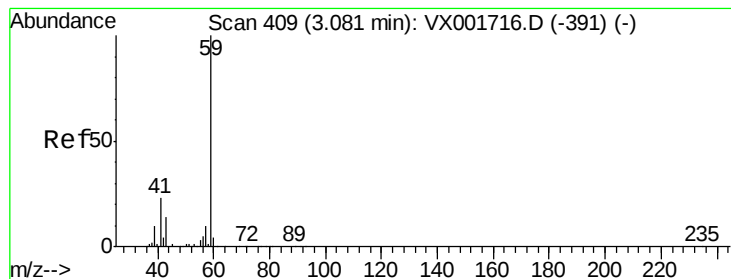


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



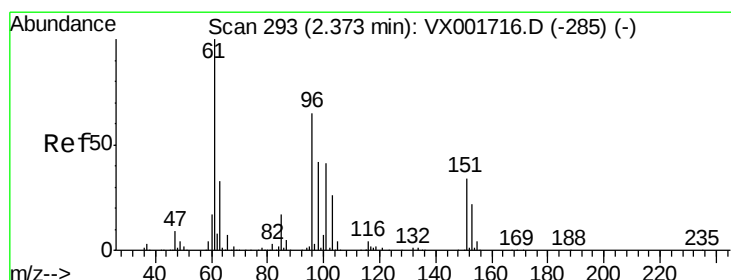
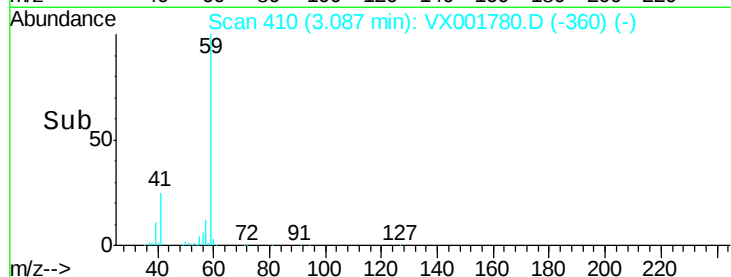
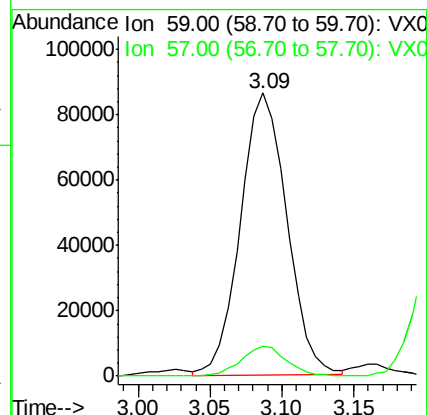
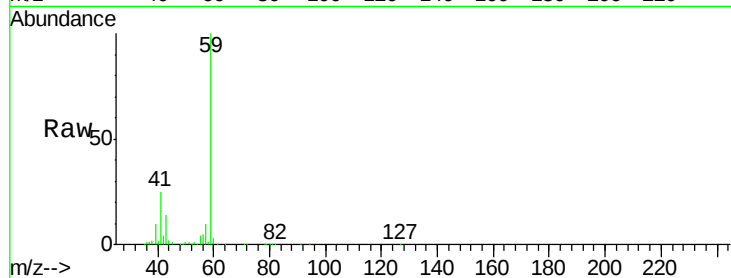


#11

Tert butyl alcohol
 Concen: 268.33 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

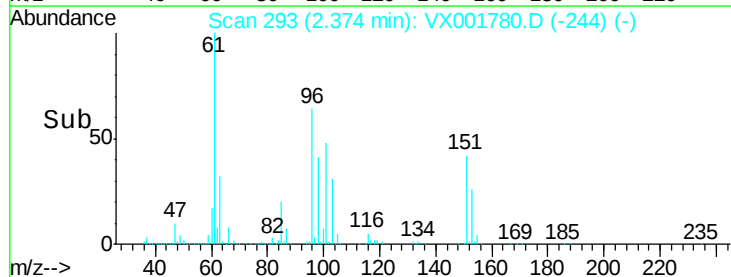
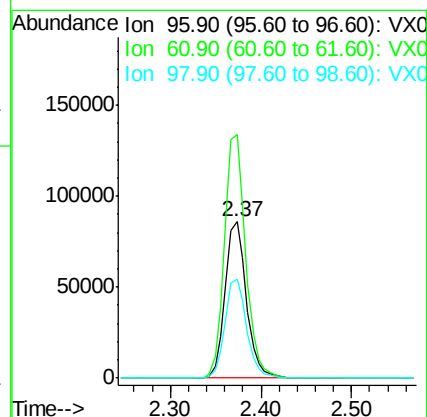
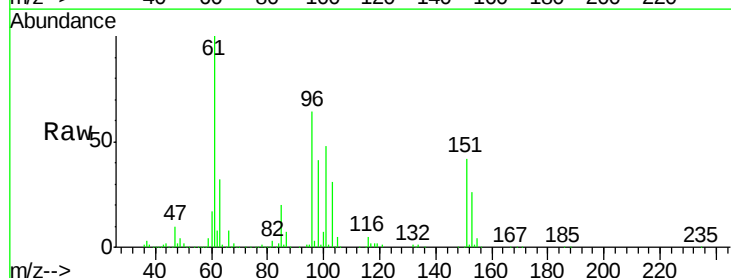
Tgt Ion: 59 Resp: 193214
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

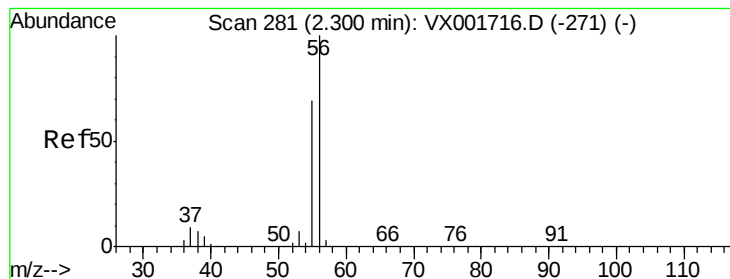


#12

1,1-Dichloroethene
 Concen: 47.28 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion: 96 Resp: 141408
 Ion Ratio Lower Upper
 96 100
 61 155.8 122.2 183.2
 98 63.5 51.4 77.0





#13

Acrolein

Concen: 235.00 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

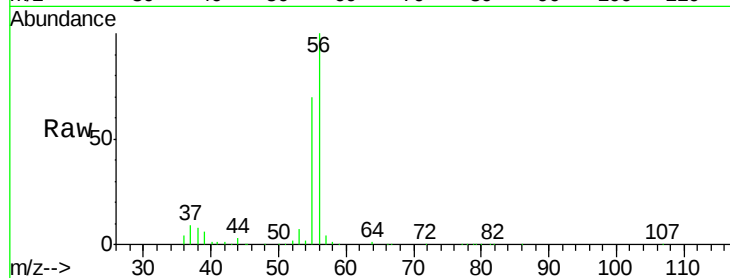
VSTDCCC050EC

Tgt Ion: 56 Resp: 120011

Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

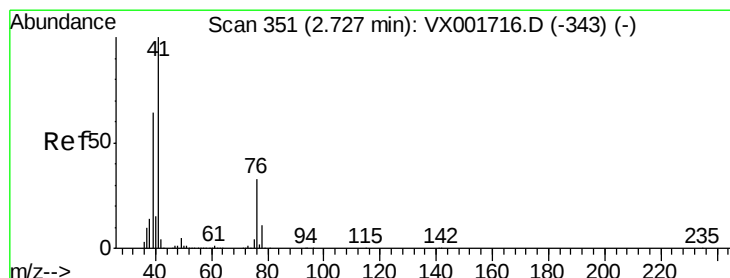
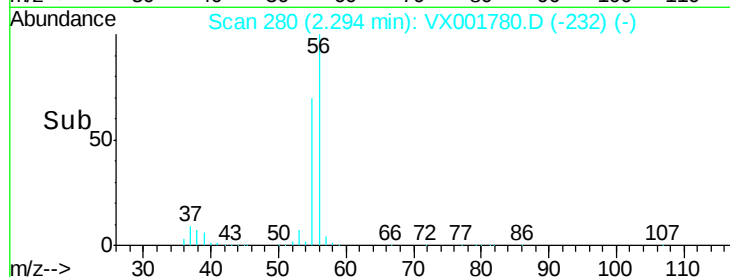
40000

20000

0

Time--> 2.20 2.30 2.40

2.29



#14

Allyl chloride

Concen: 49.70 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

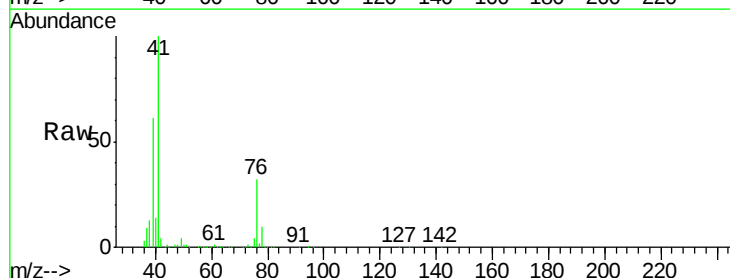
Tgt Ion: 41 Resp: 274759

Ion Ratio Lower Upper

41 100

39 59.2 49.8 74.6

76 30.7 25.8 38.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

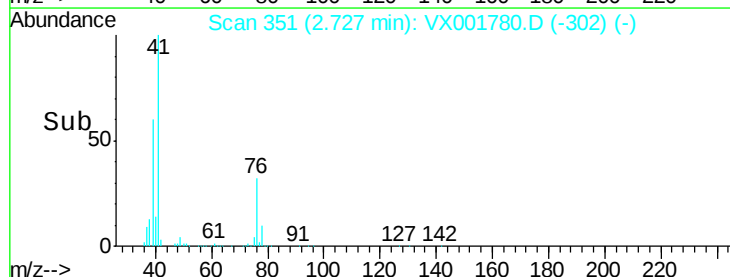
100000

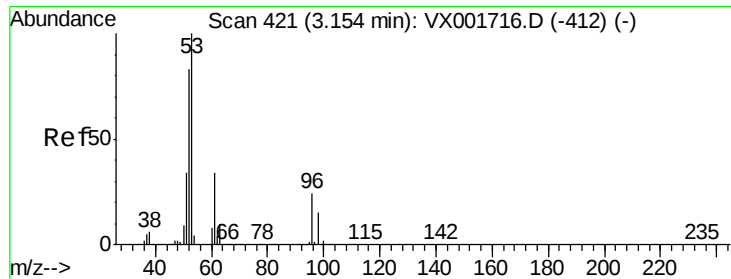
50000

0

Time--> 2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 257.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

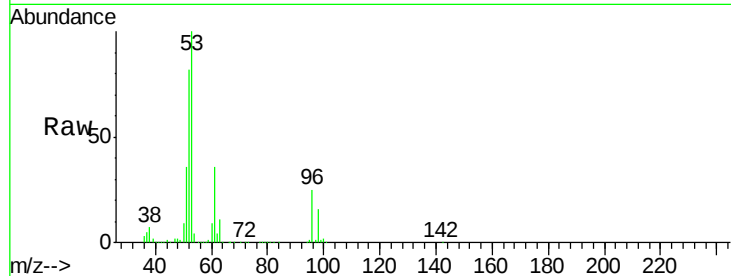
Tgt Ion: 53 Resp: 464952

Ion Ratio Lower Upper

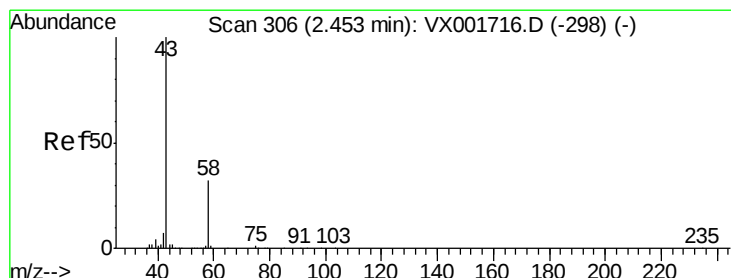
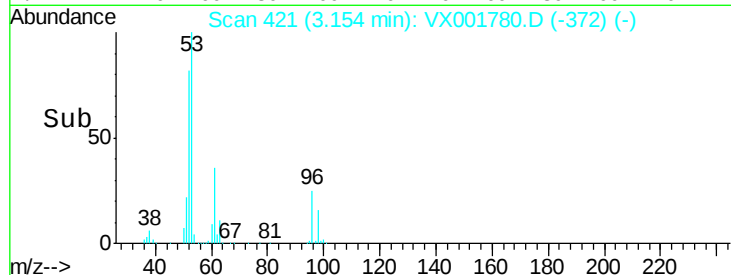
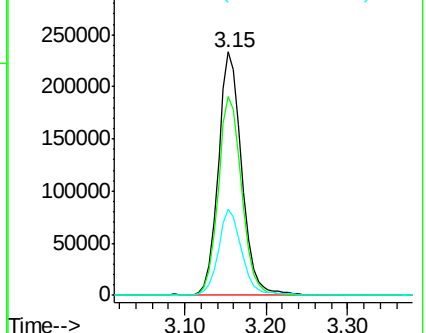
53 100

52 82.0 65.6 98.4

51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.94 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001780.D

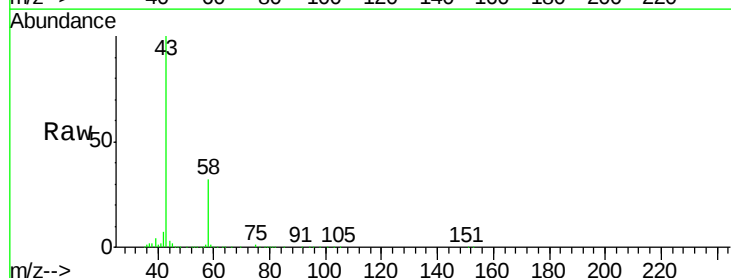
Acq: 16 May 2018 22:17

Tgt Ion: 43 Resp: 407703

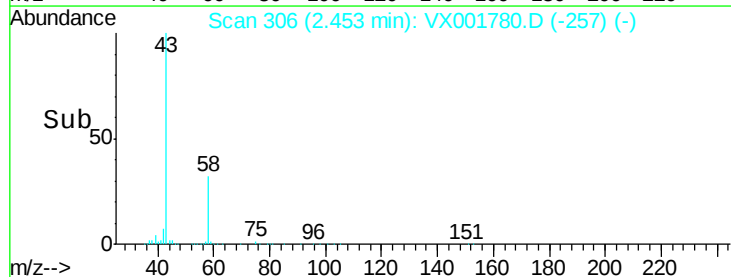
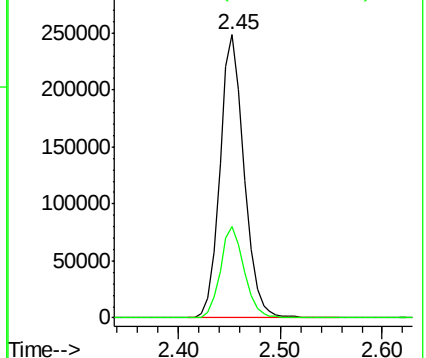
Ion Ratio Lower Upper

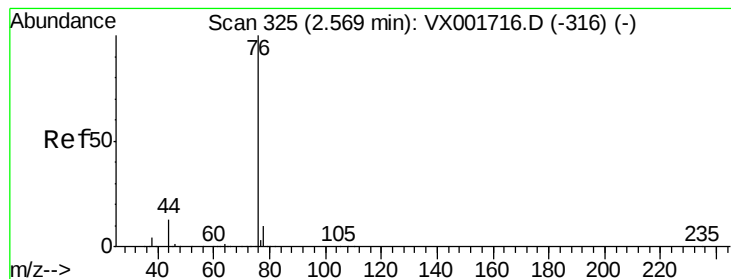
43 100

58 32.1 25.3 37.9



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





#17

Carbon Disulfide

Concen: 44.29 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

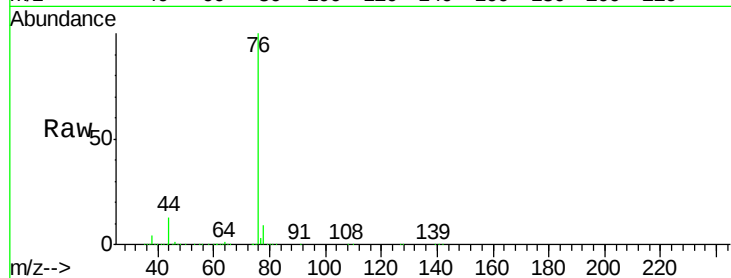
VSTDCCC050EC

Tgt Ion: 76 Resp: 345534

Ion Ratio Lower Upper

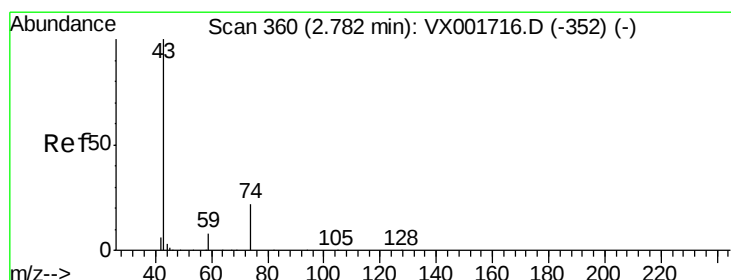
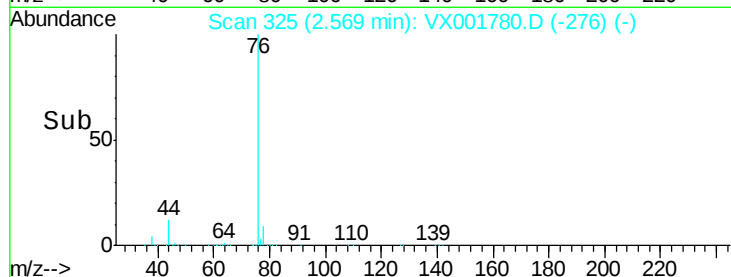
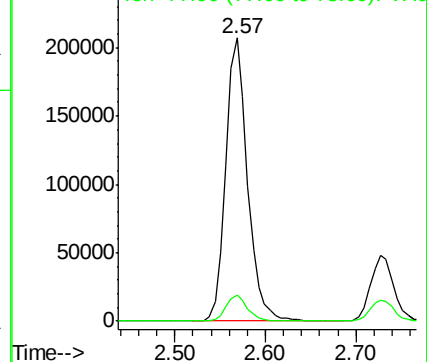
76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.30 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001780.D

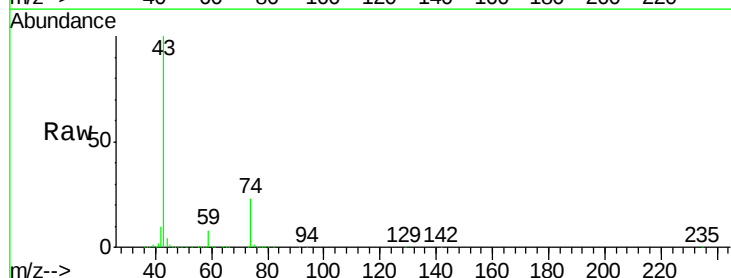
Acq: 16 May 2018 22:17

Tgt Ion: 43 Resp: 252890

Ion Ratio Lower Upper

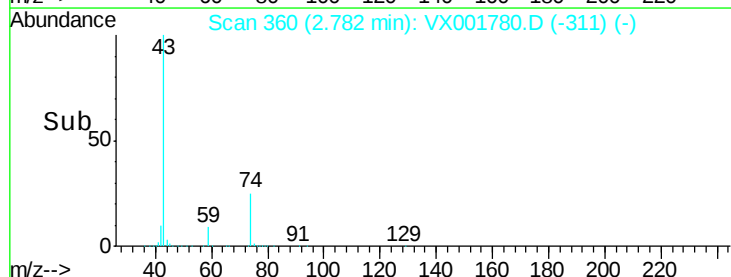
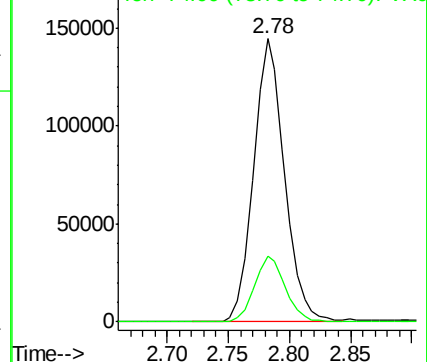
43 100

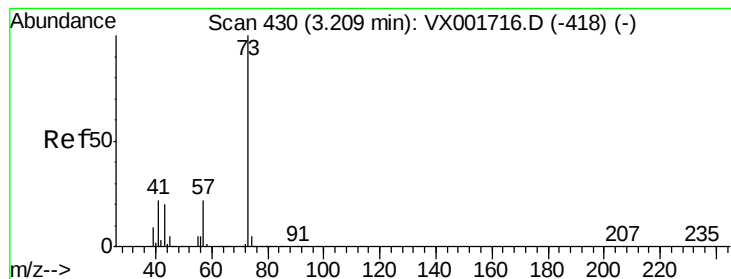
74 23.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 49.06 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

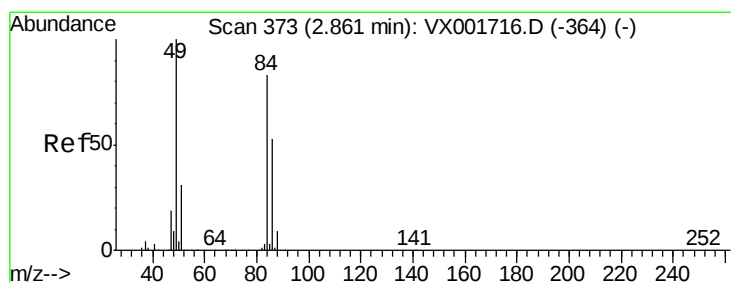
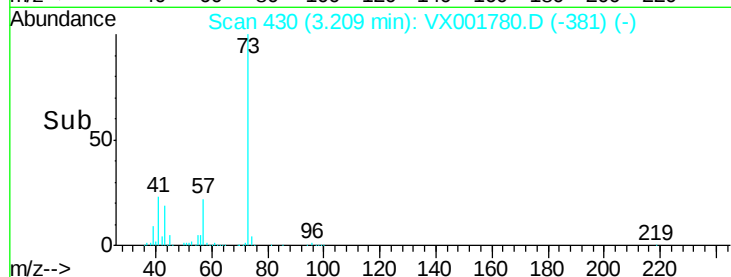
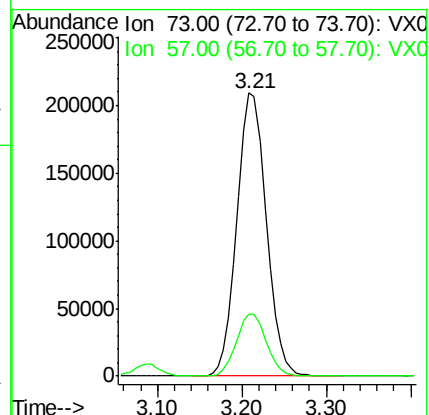
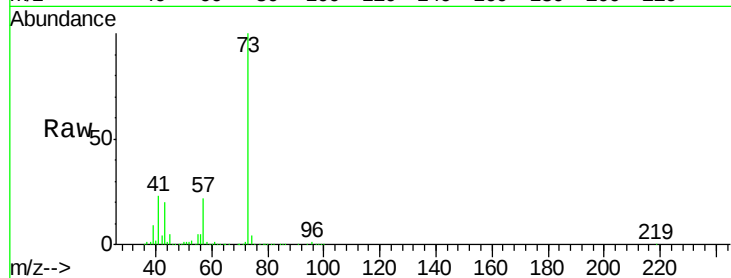
VSTDCCC050EC

Tgt Ion: 73 Resp: 494576

Ion Ratio Lower Upper

73 100

57 22.0 17.5 26.3



#20

Methylene Chloride

Concen: 47.93 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Tgt Ion: 84 Resp: 163448

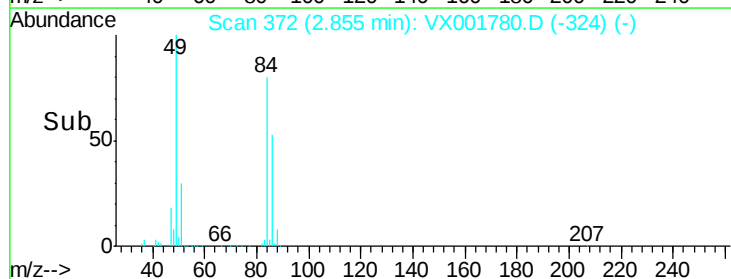
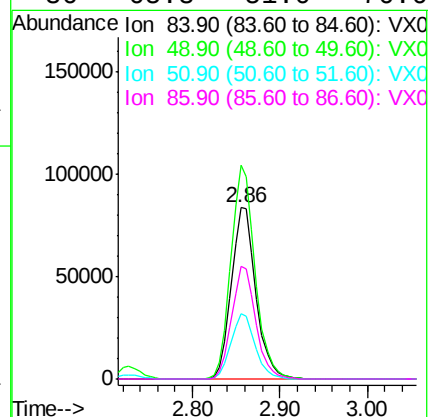
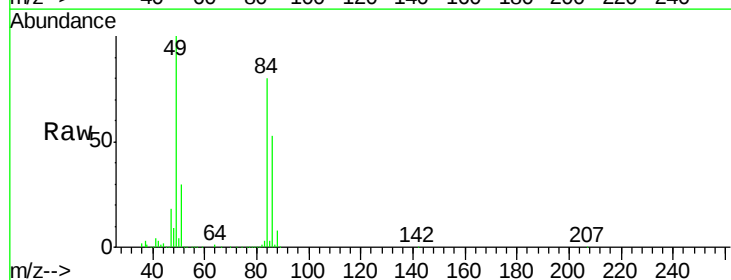
Ion Ratio Lower Upper

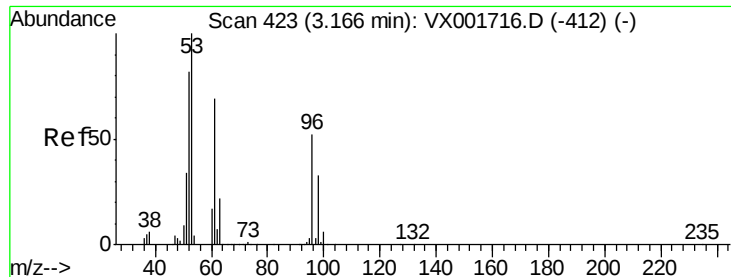
84 100

49 124.8 96.3 144.5

51 38.0 29.8 44.6

86 65.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

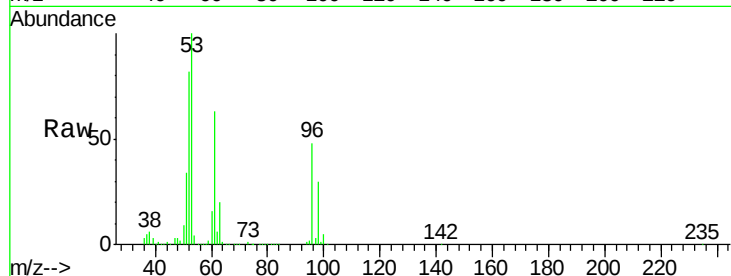
Tgt Ion: 96 Resp: 153339

Ion Ratio Lower Upper

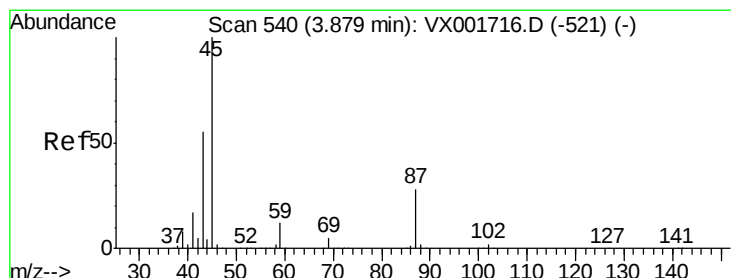
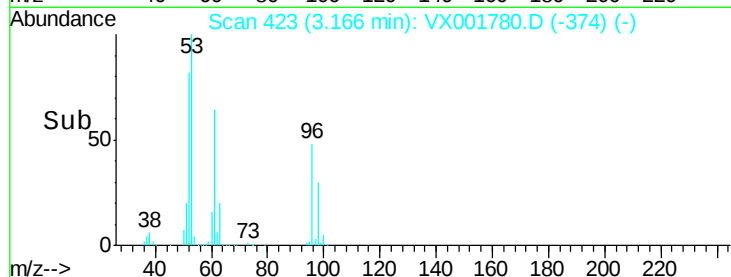
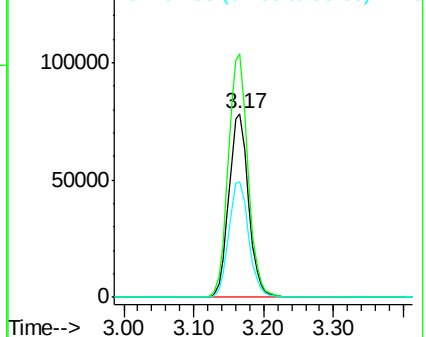
96 100

61 132.3 105.8 158.8

98 63.2 50.2 75.4



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



#22

Diisopropyl ether

Concen: 50.34 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Tgt Ion: 45 Resp: 533890

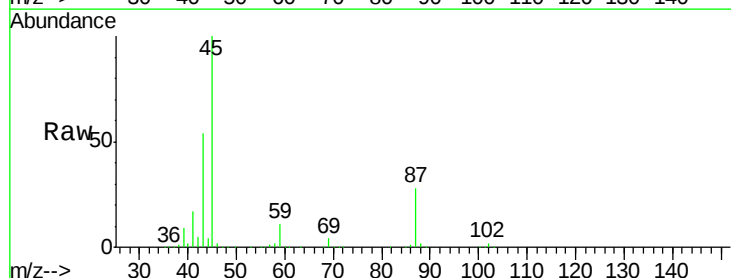
Ion Ratio Lower Upper

45 100

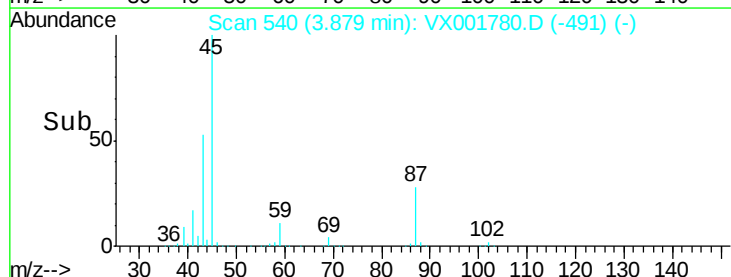
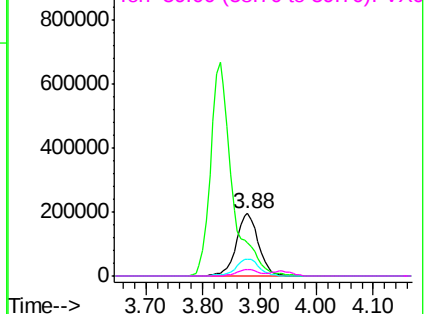
43 53.3 44.3 66.5

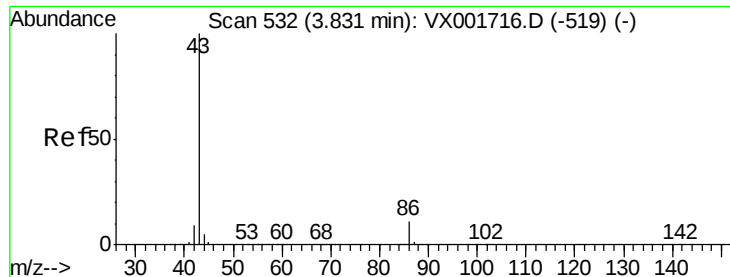
87 27.7 22.6 33.8

59 11.2 9.4 14.0



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





#23

Vinyl Acetate

Concen: 230.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

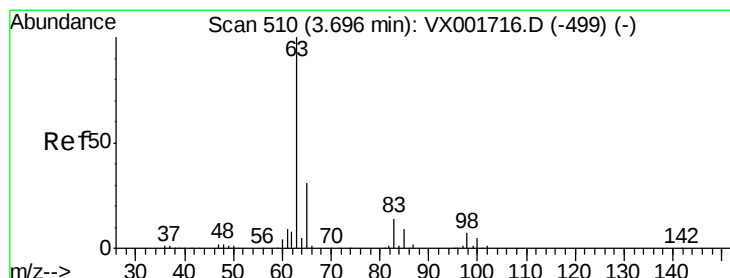
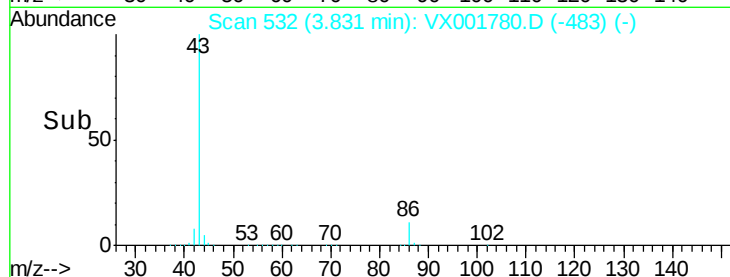
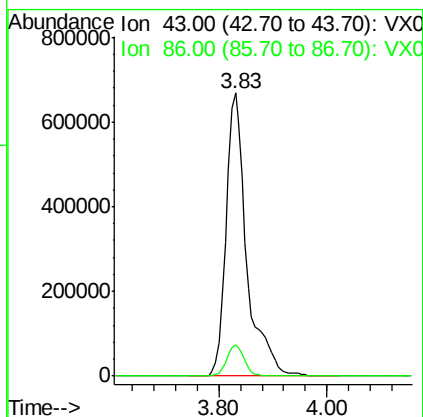
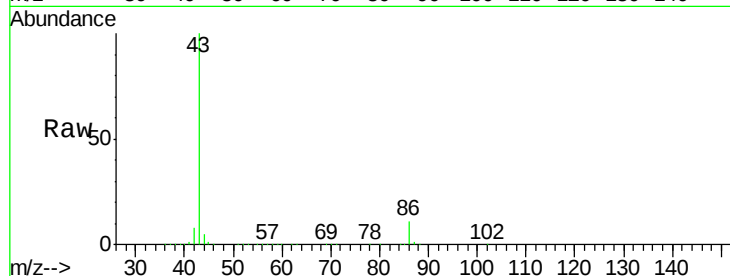
VSTDCCC050EC

Tgt Ion: 43 Resp: 1761817

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.27 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

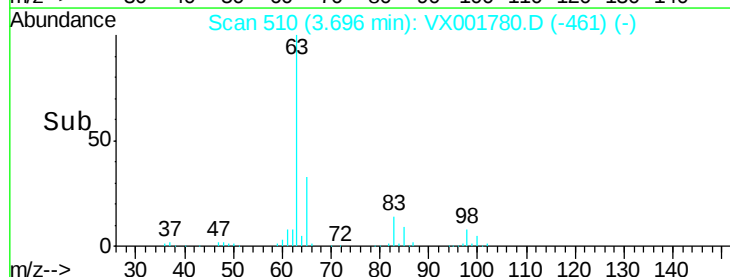
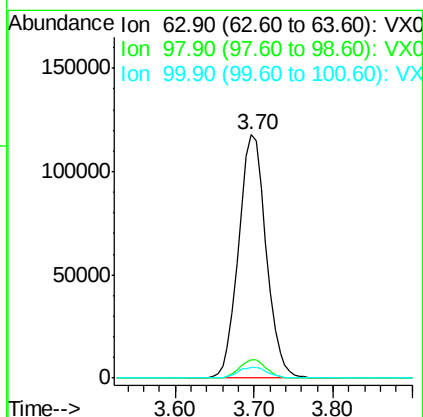
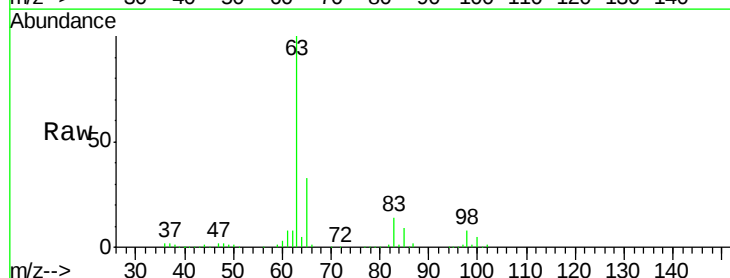
Tgt Ion: 63 Resp: 286548

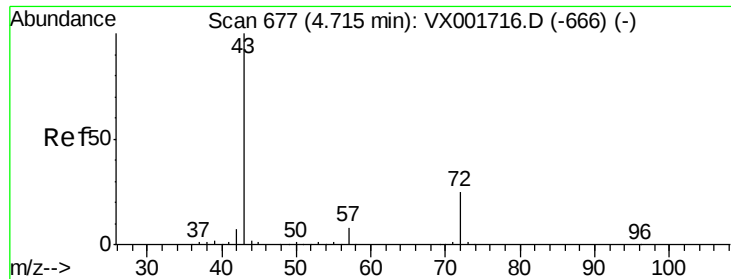
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 269.89 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

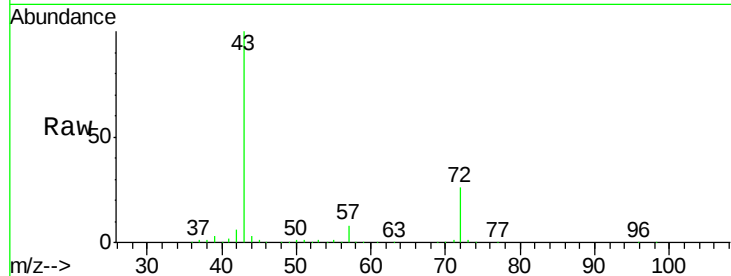
VSTDCCC050EC

Tgt Ion: 43 Resp: 658210

Ion Ratio Lower Upper

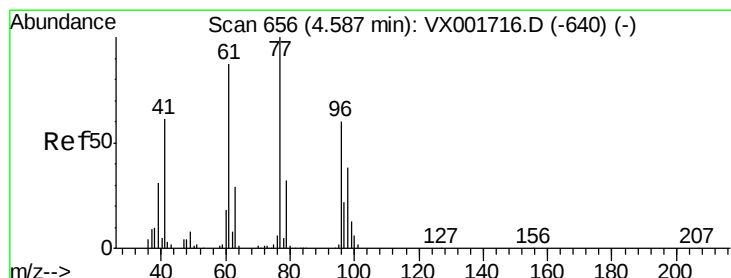
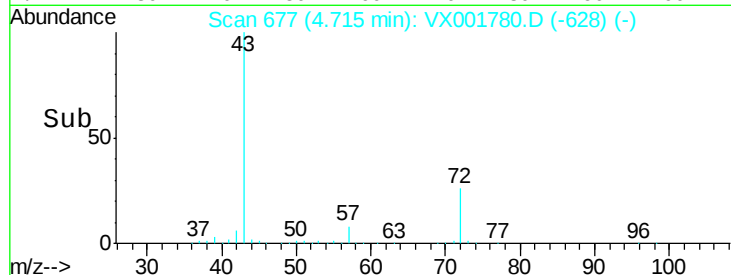
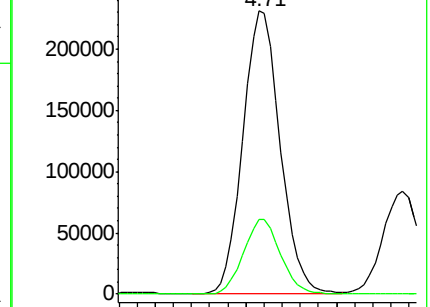
43 100

72 26.4 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: 40.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001780.D

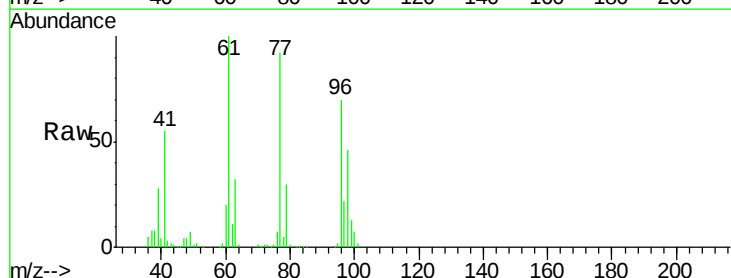
Acq: 16 May 2018 22:17

Tgt Ion: 77 Resp: 189773

Ion Ratio Lower Upper

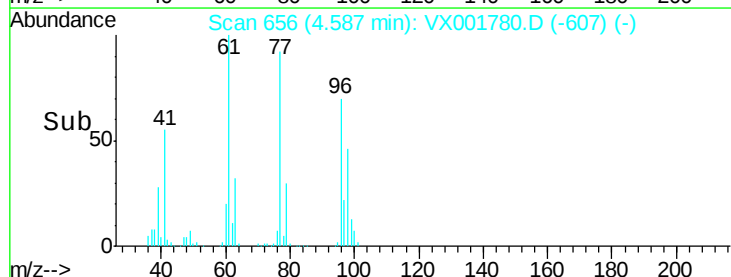
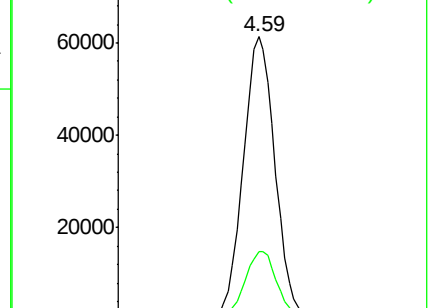
77 100

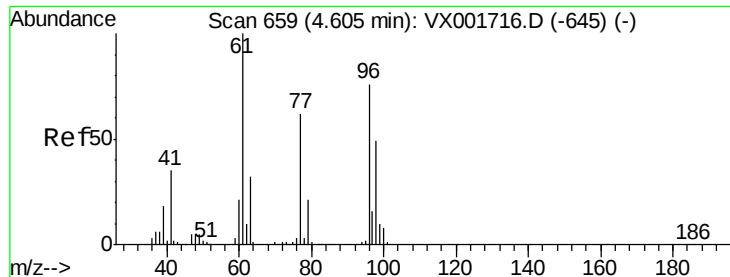
97 24.6 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



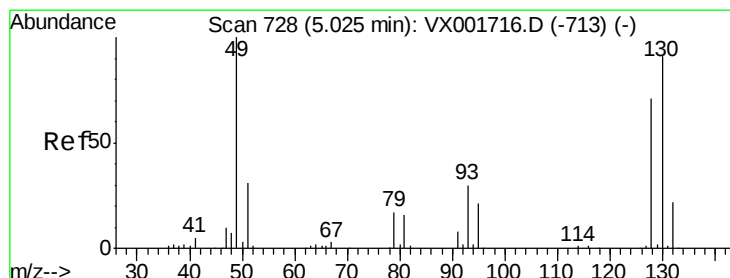
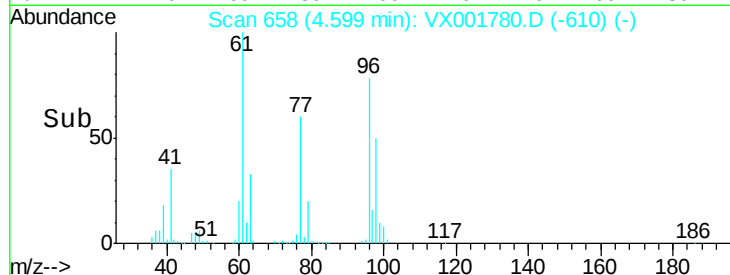
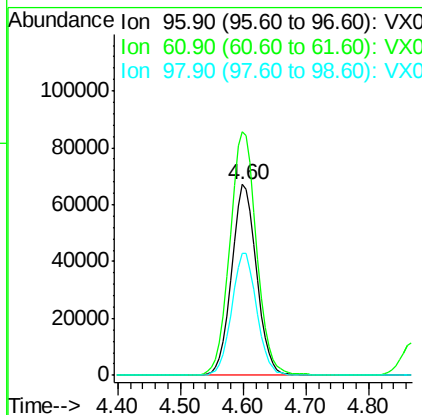
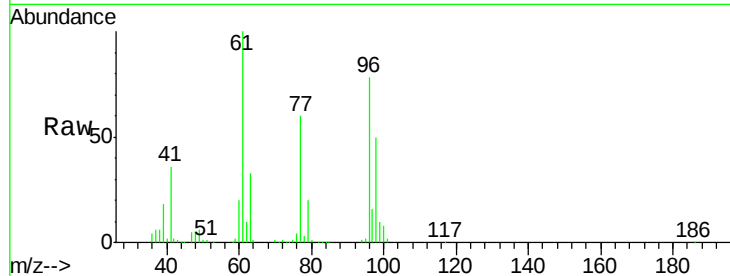


#27

cis-1,2-Dichloroethene
 Concen: 49.16 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

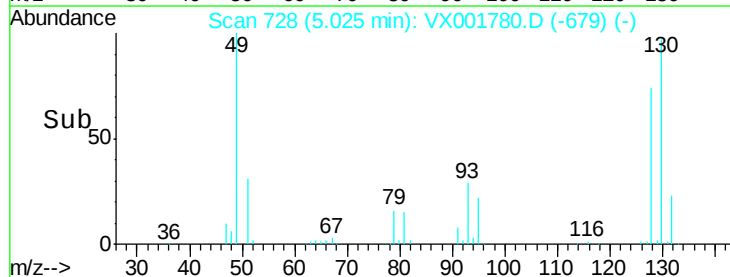
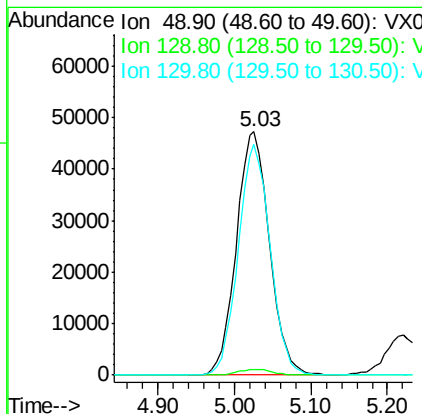
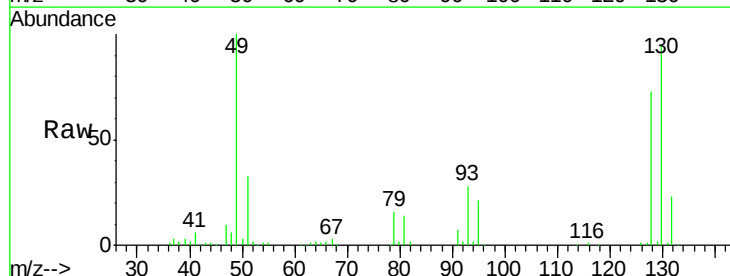
Tgt Ion: 96 Resp: 184292
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 280.4
 98 64.5 0.0 128.4

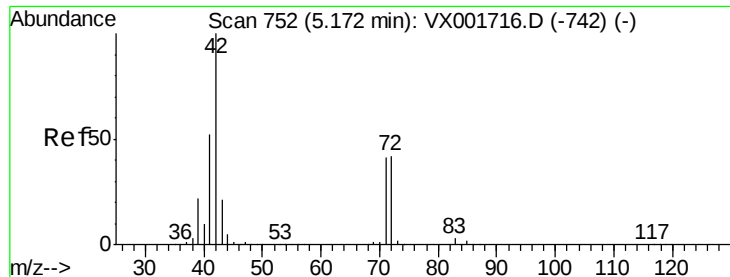


#28

Bromochloromethane
 Concen: 54.96 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion: 49 Resp: 141983
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 91.4 71.8 107.6





#29

Tetrahydrofuran

Concen: 266.53 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

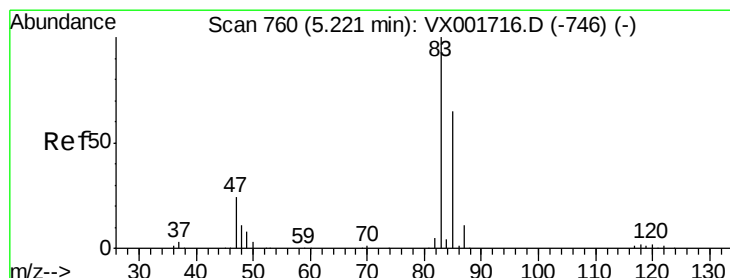
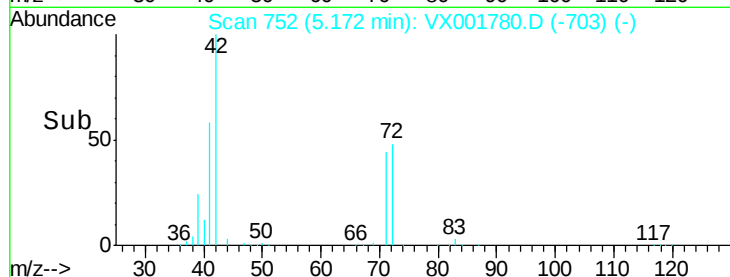
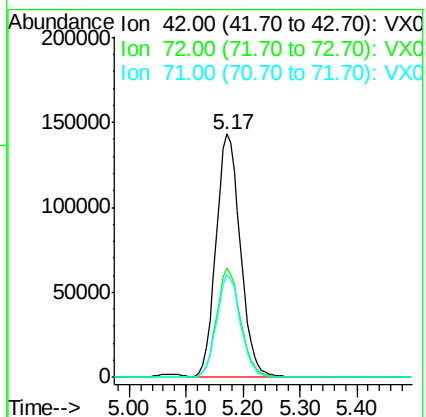
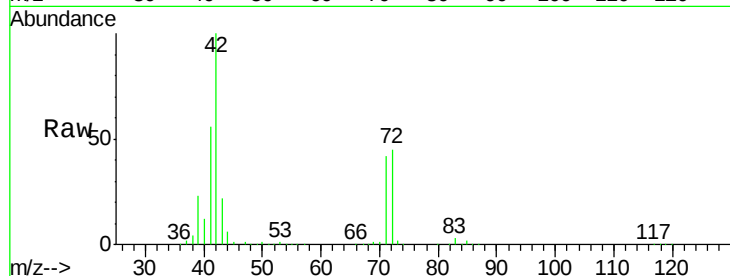
Tgt Ion: 42 Resp: 423714

Ion Ratio Lower Upper

42 100

72 44.6 35.4 53.2

71 41.6 33.2 49.8



#30

Chloroform

Concen: 49.65 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001780.D

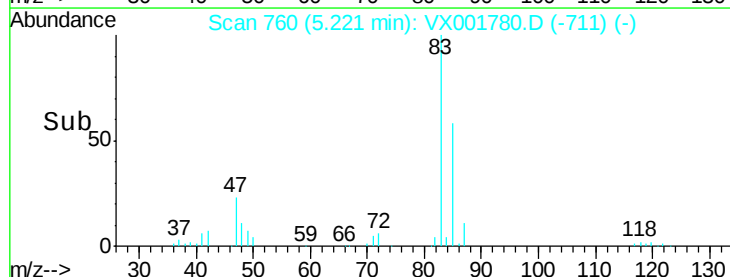
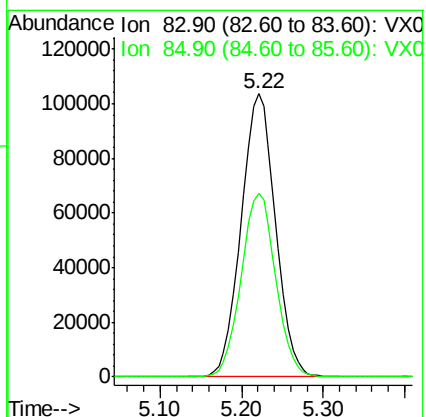
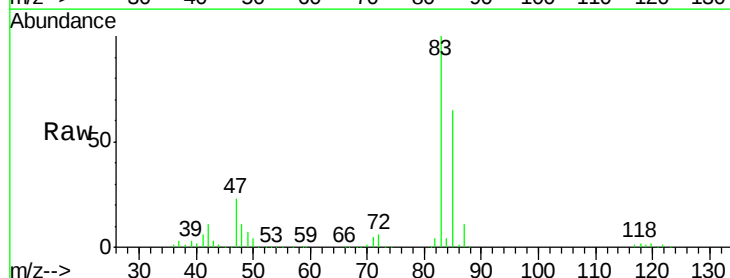
Acq: 16 May 2018 22:17

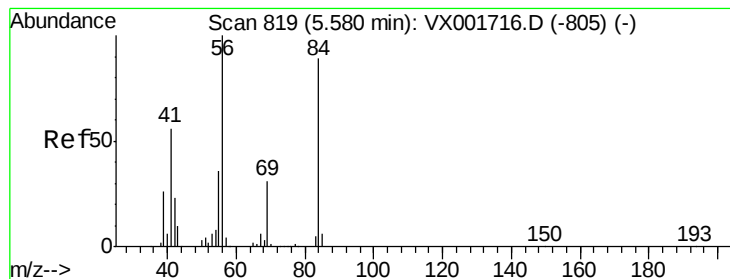
Tgt Ion: 83 Resp: 303318

Ion Ratio Lower Upper

83 100

85 64.8 52.3 78.5





#31

Cyclohexane

Concen: 50.77 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

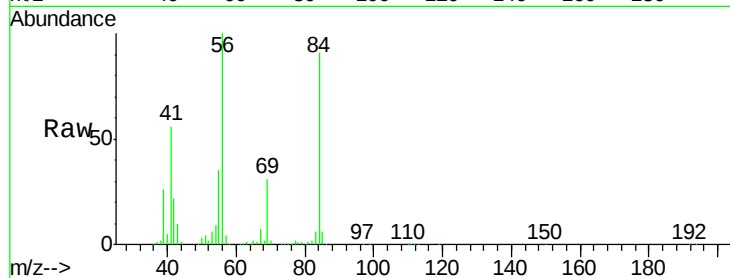
Tgt Ion: 56 Resp: 258839

Ion Ratio Lower Upper

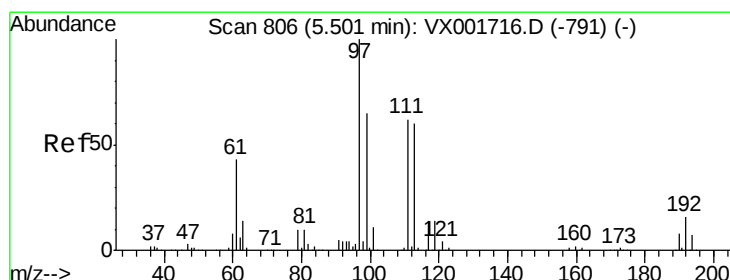
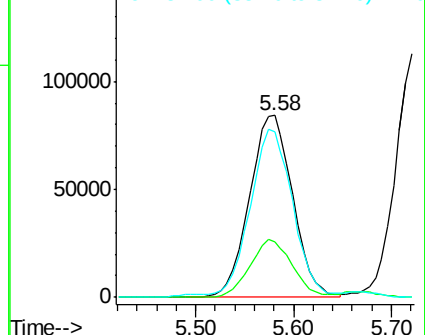
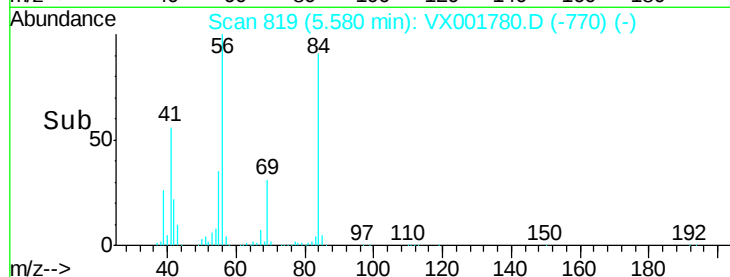
56 100

69 30.7 25.0 37.6

84 89.6 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.17 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

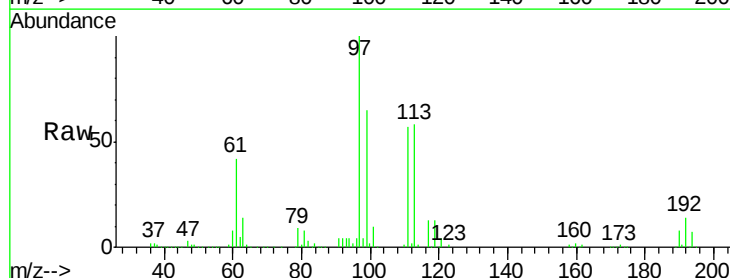
Tgt Ion: 97 Resp: 264841

Ion Ratio Lower Upper

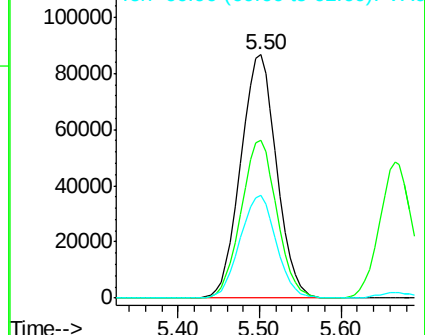
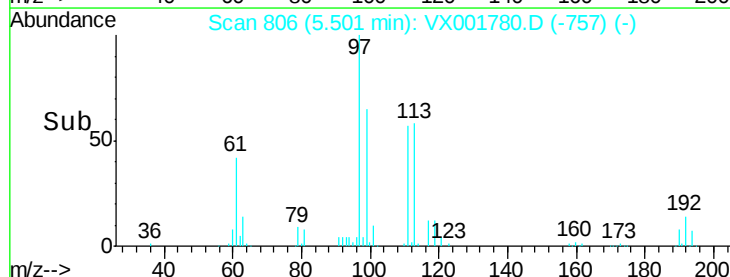
97 100

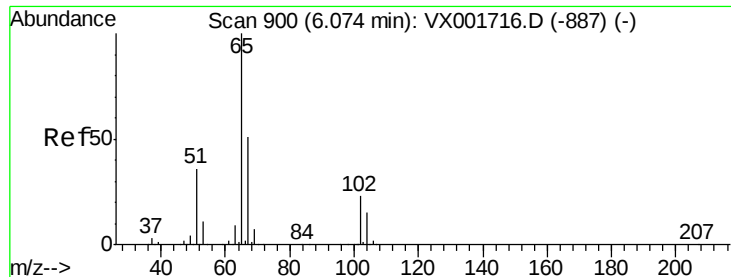
99 64.6 51.3 76.9

61 42.7 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

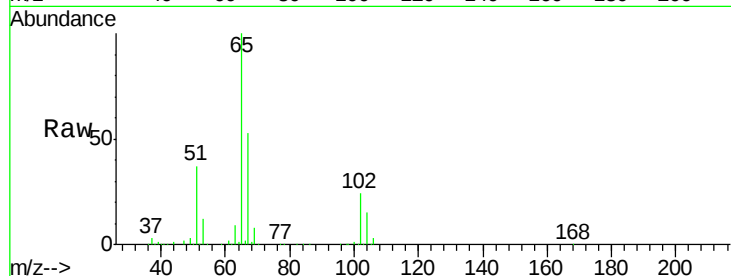
VSTDCCC050EC

Tgt Ion: 65 Resp: 170859

Ion Ratio Lower Upper

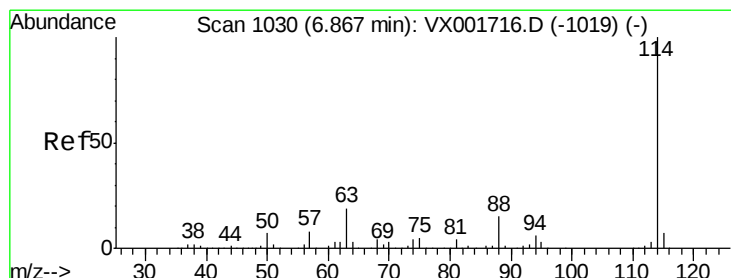
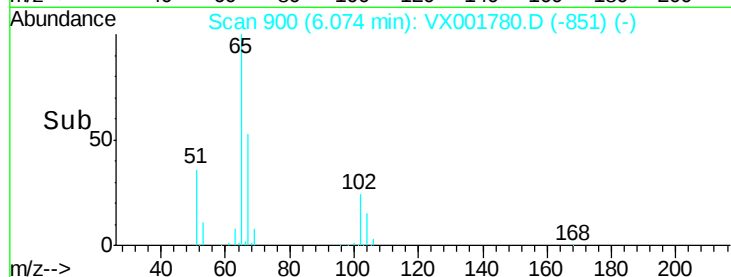
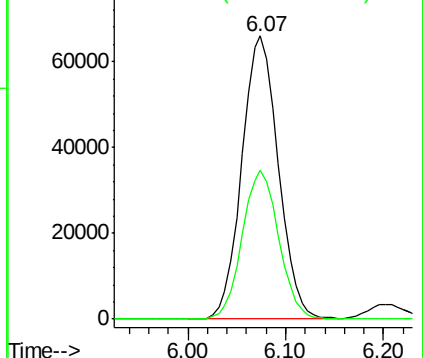
65 100

67 52.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

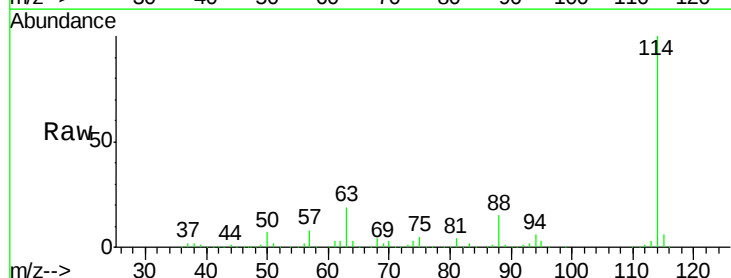
Tgt Ion: 114 Resp: 395033

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

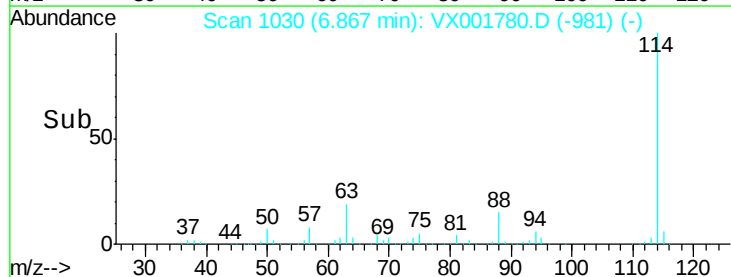
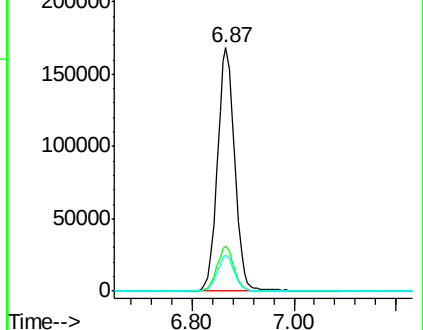
88 14.9 0.0 29.8

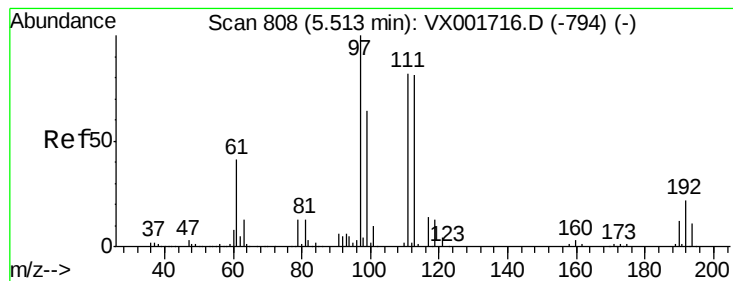


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

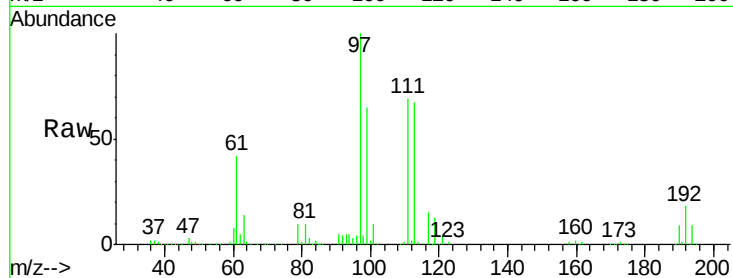
Tgt Ion:113 Resp: 149947

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

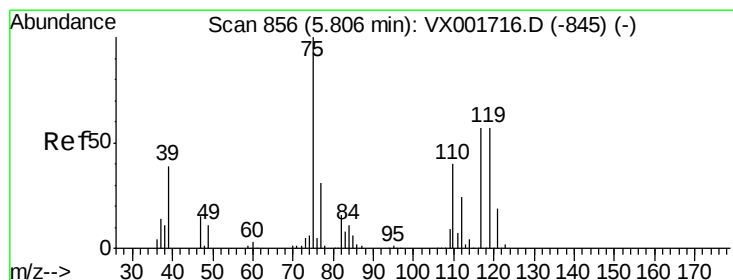
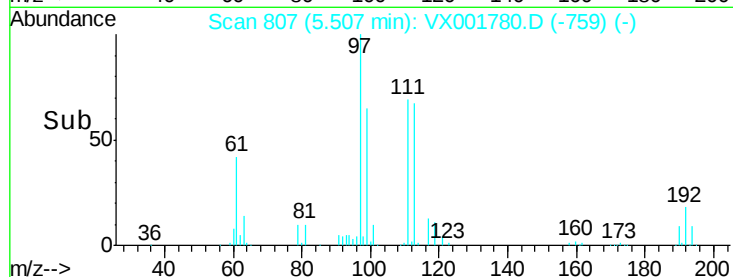
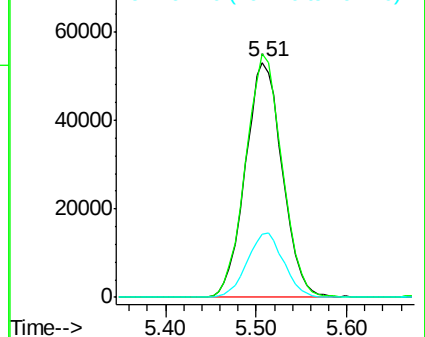
192 27.2 21.6 32.4



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: 47.95 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

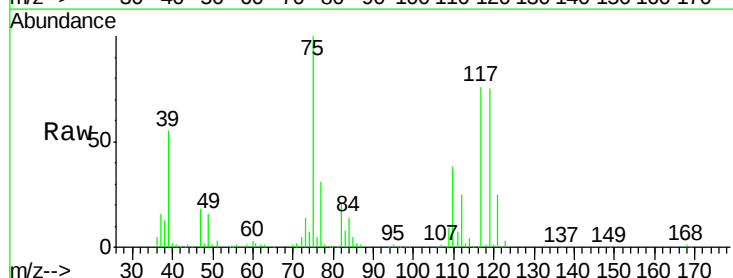
Tgt Ion: 75 Resp: 218037

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.1

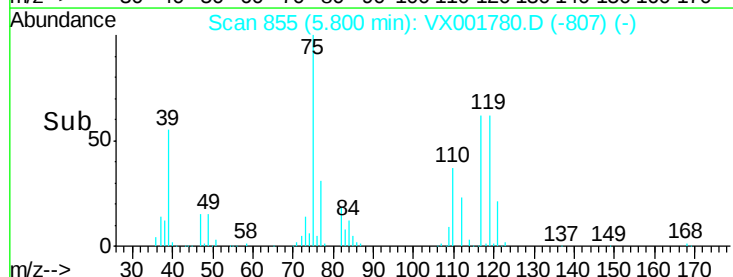
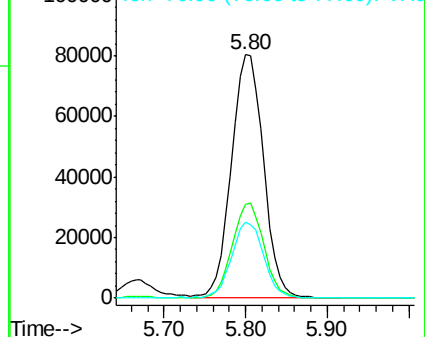
77 30.8 24.6 37.0

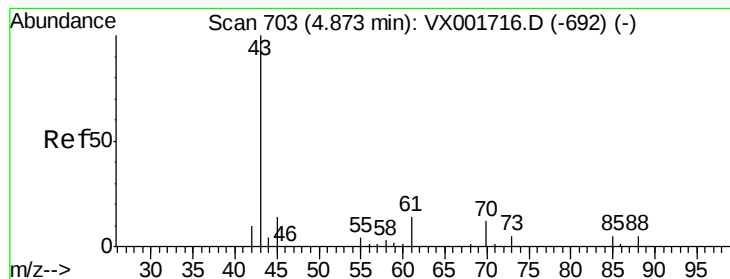


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.69 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

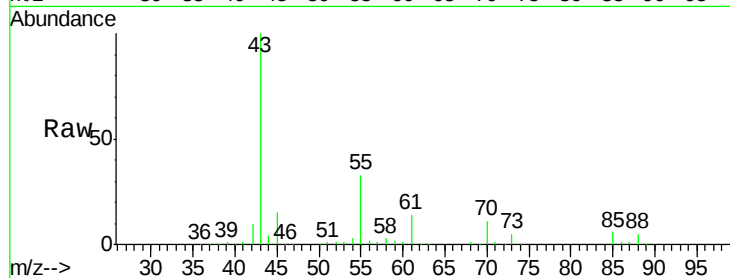
Tgt Ion: 43 Resp: 244982

Ion Ratio Lower Upper

43 100

61 14.1 10.9 16.3

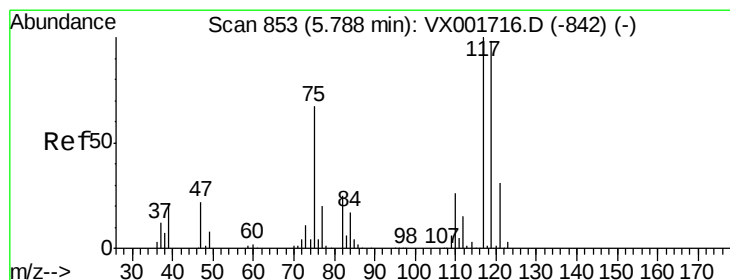
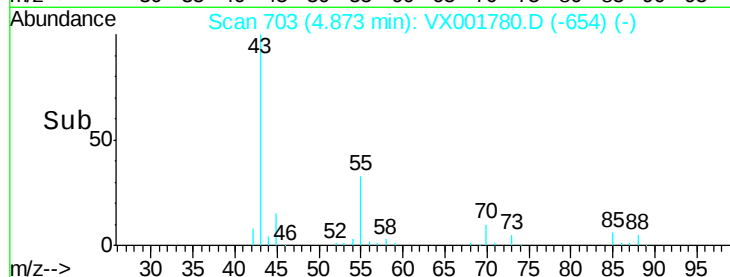
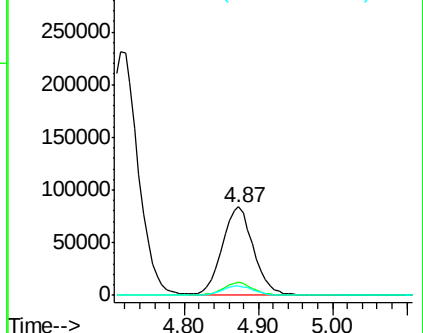
70 10.8 8.8 13.2



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: 49.79 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

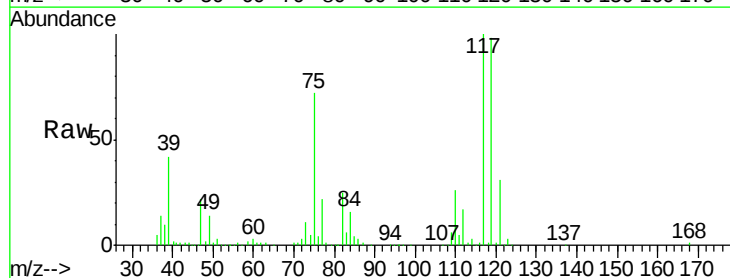
Tgt Ion: 117 Resp: 237200

Ion Ratio Lower Upper

117 100

119 97.9 77.6 116.4

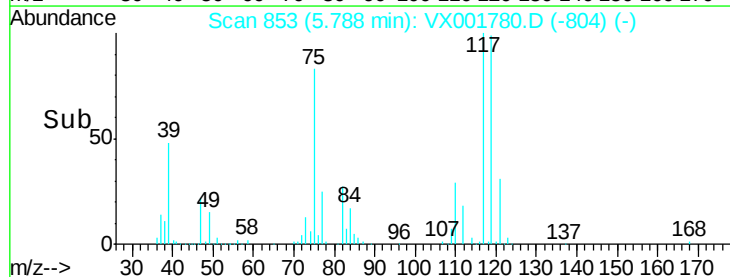
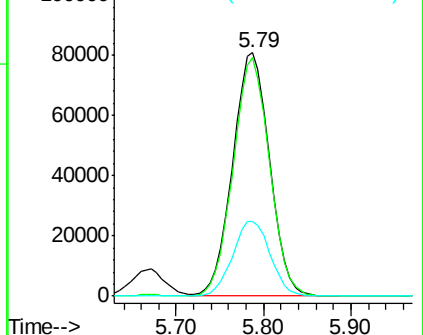
121 30.7 24.6 36.8

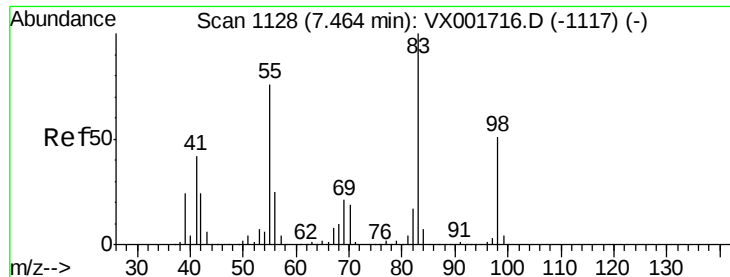


Abundance Ion 116.80 (116.50 to 117.50): VX001716.D (-842) (-)

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

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

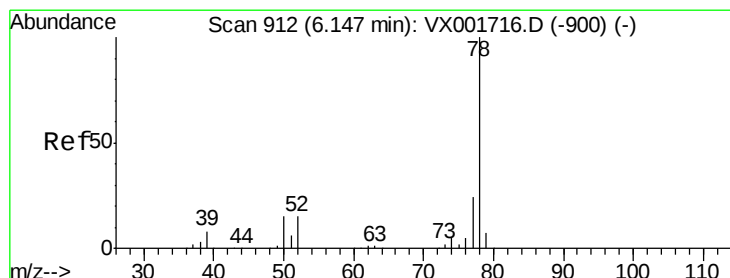
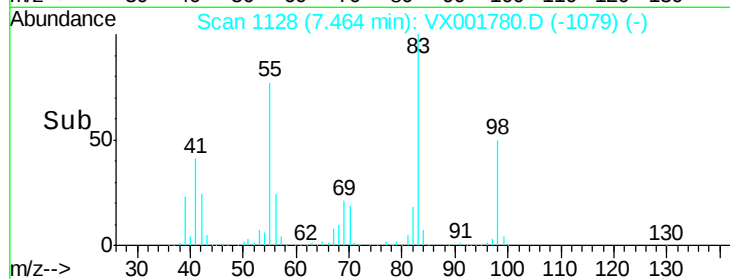
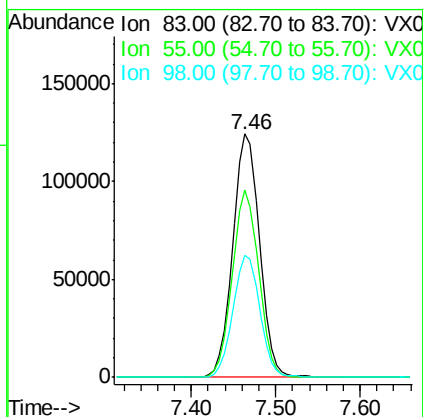
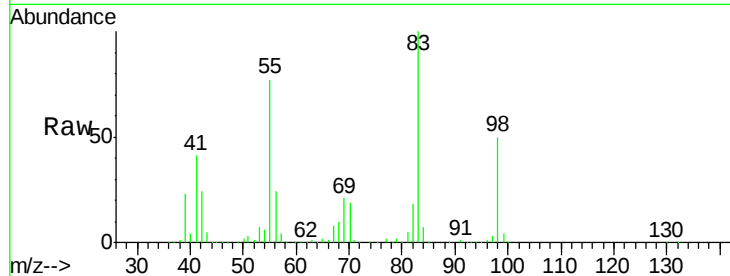




#39
Methylcyclohexane
Concen: 50.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

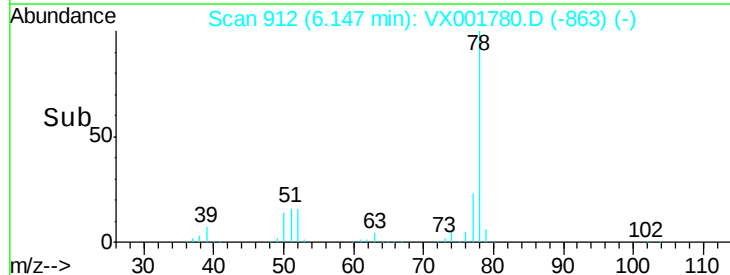
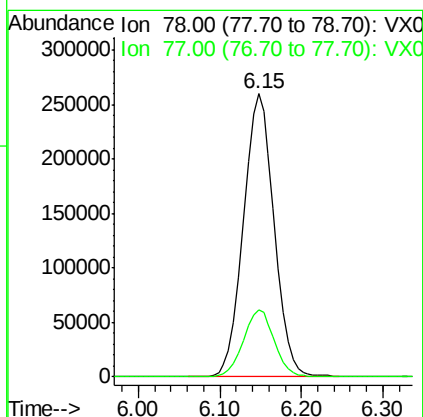
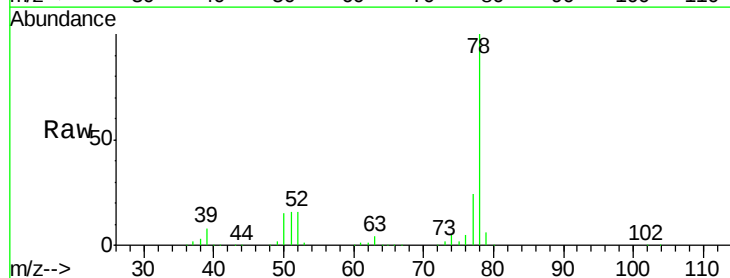
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

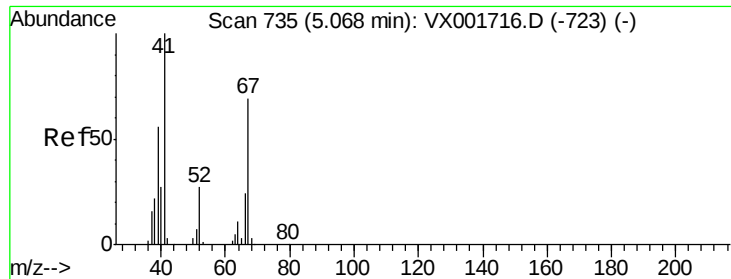
Tgt Ion: 83 Resp: 266444
Ion Ratio Lower Upper
83 100
55 77.0 60.6 90.8
98 50.4 40.4 60.6



#40
Benzene
Concen: 50.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion: 78 Resp: 678463
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

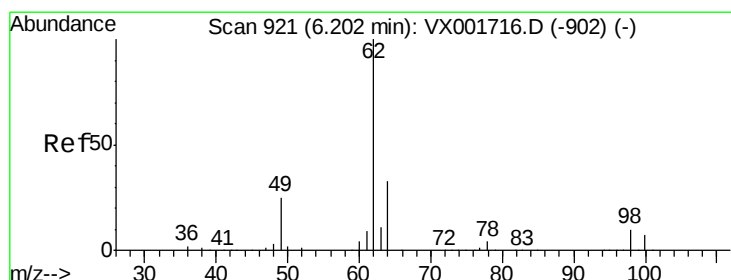
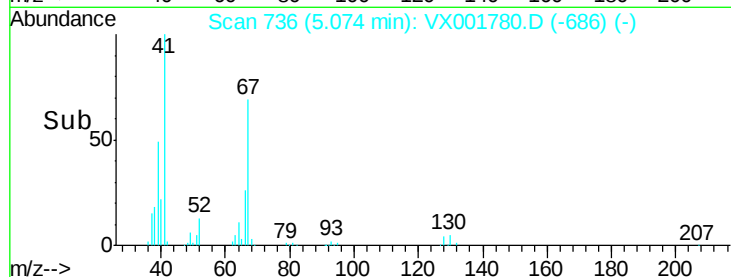
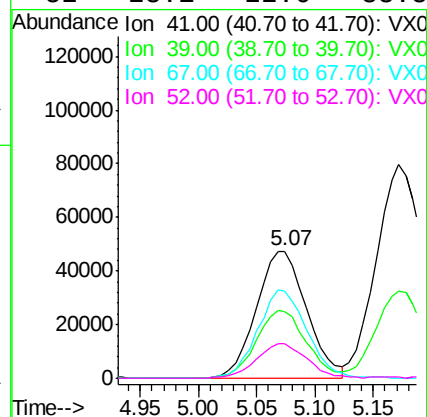
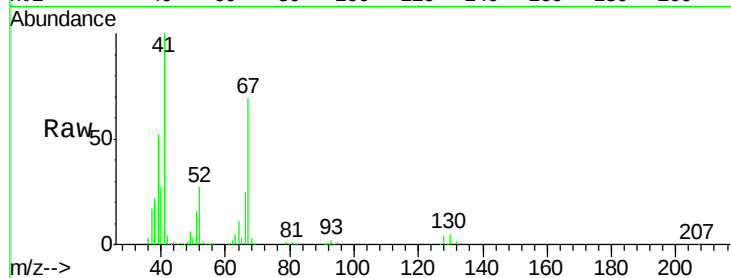




#41
Methacrylonitrile
Concen: 51.36 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

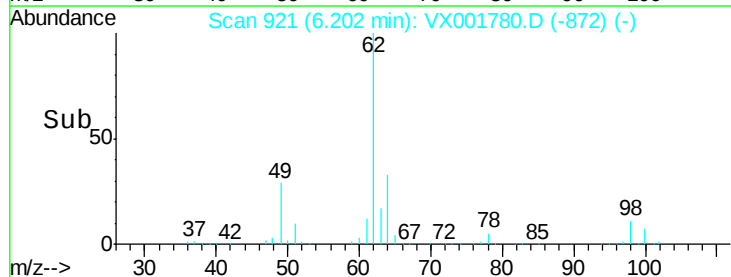
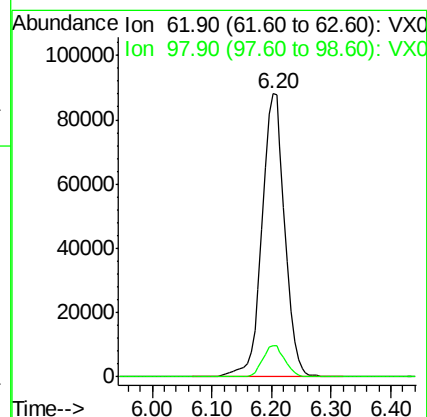
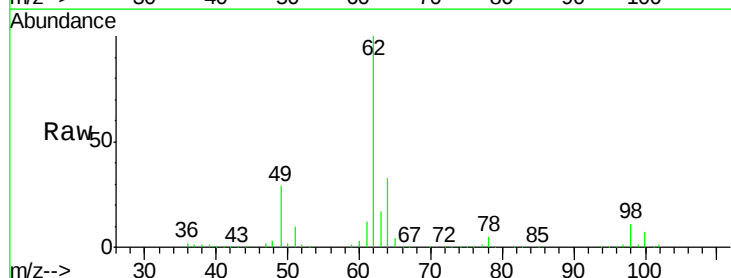
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

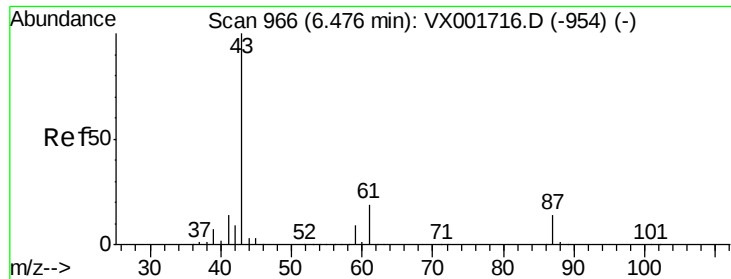
Tgt Ion:	41	Resp:	140752
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.2	66.4
67	69.1	56.0	84.0
52	28.1	22.6	33.8



#42
1,2-Dichloroethane
Concen: 48.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion:	62	Resp:	233599
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.55 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

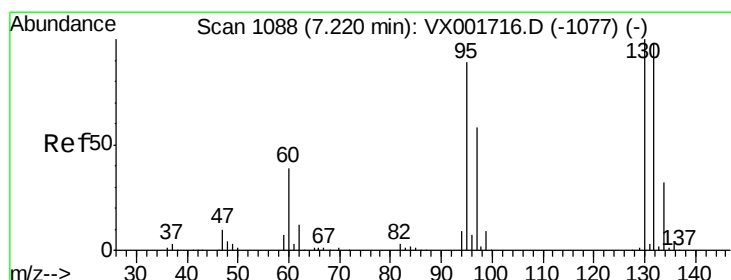
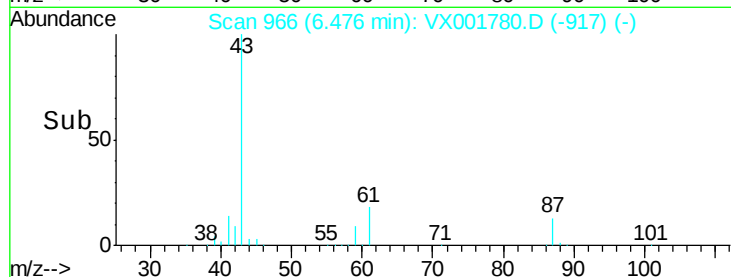
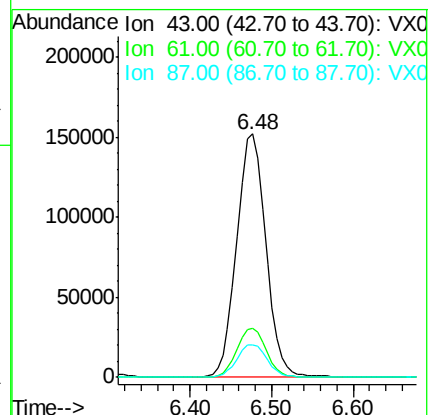
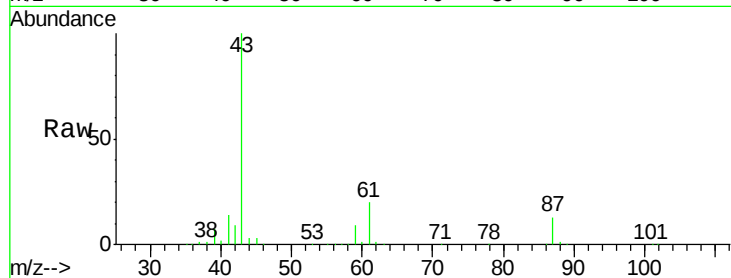
Tgt Ion: 43 Resp: 374913

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

87 14.1 11.0 16.4



#44

Trichloroethene

Concen: 49.55 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001780.D

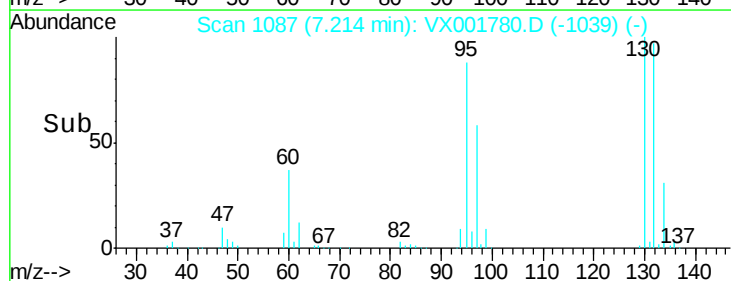
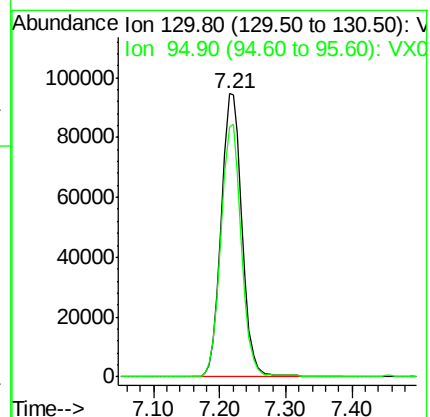
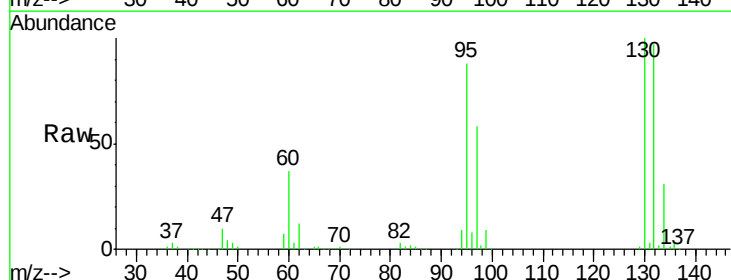
Acq: 16 May 2018 22:17

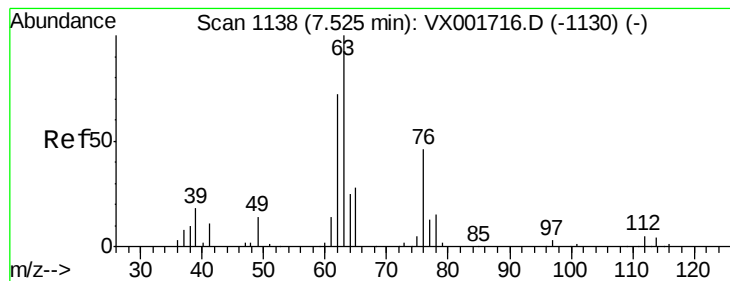
Tgt Ion: 130 Resp: 206041

Ion Ratio Lower Upper

130 100

95 88.4 0.0 177.2





#45

1,2-Dichloropropane

Concen: 52.54 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

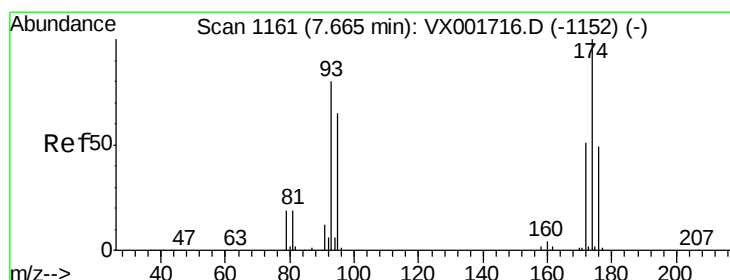
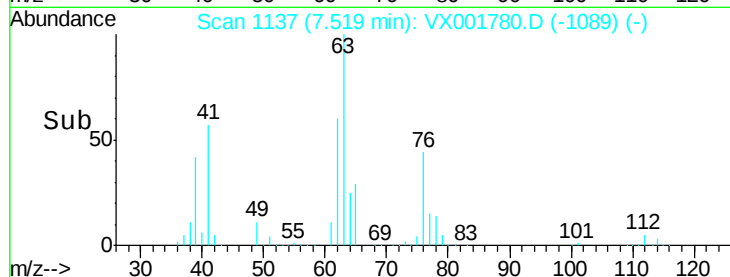
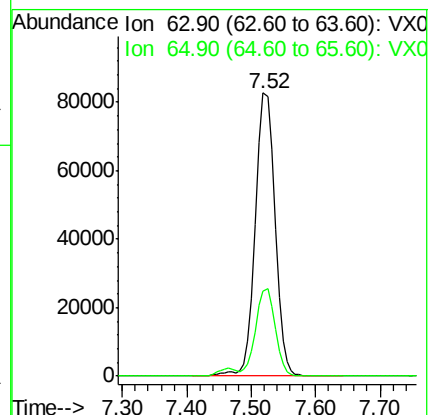
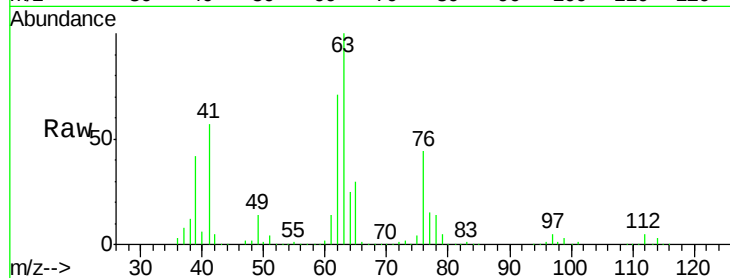
VSTDCCC050EC

Tgt Ion: 63 Resp: 172723

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 49.51 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

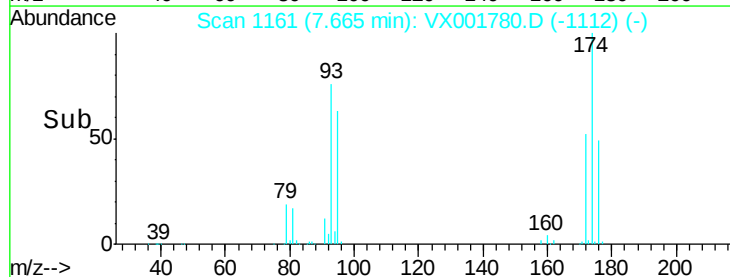
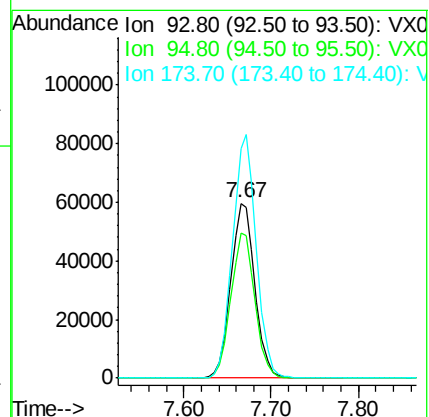
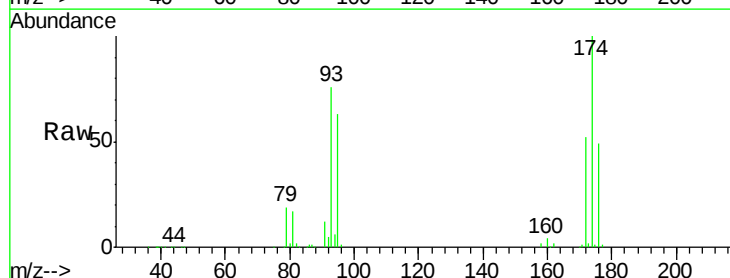
Tgt Ion: 93 Resp: 114301

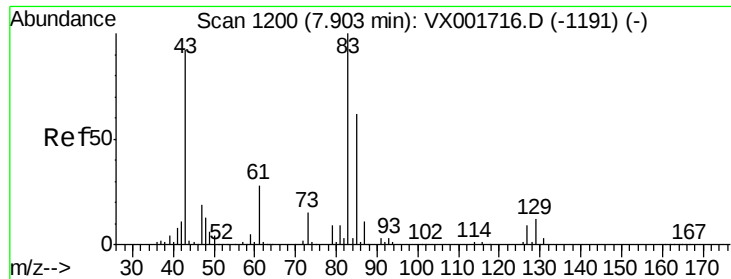
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 137.0 106.2 159.2





#47

Bromodichloromethane

Concen: 51.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

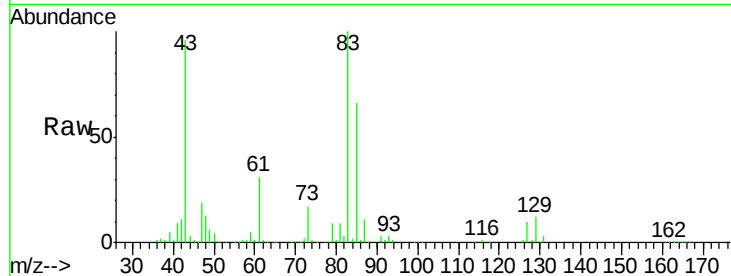
Tgt Ion: 83 Resp: 222091

Ion Ratio Lower Upper

83 100

85 65.5 49.6 74.4

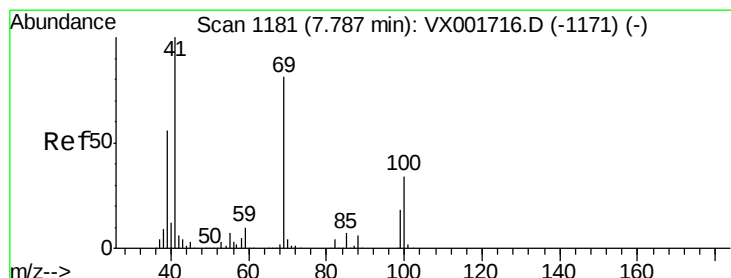
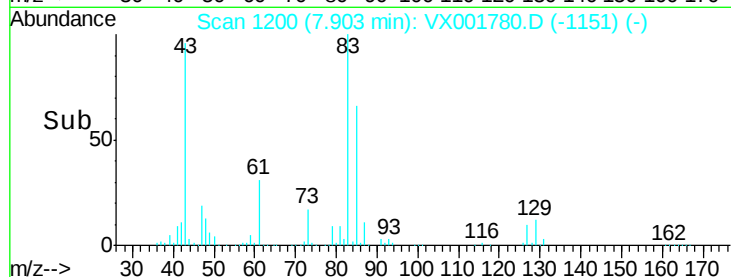
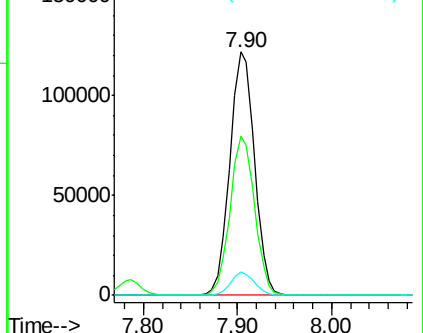
127 9.7 7.5 11.3



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: 52.14 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

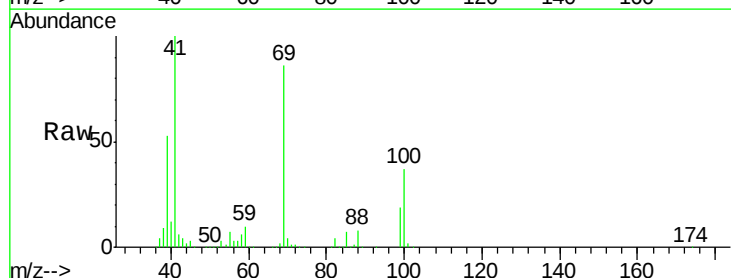
Tgt Ion: 41 Resp: 203571

Ion Ratio Lower Upper

41 100

69 83.5 65.2 97.8

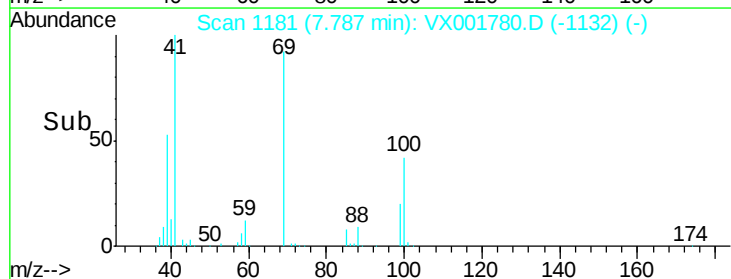
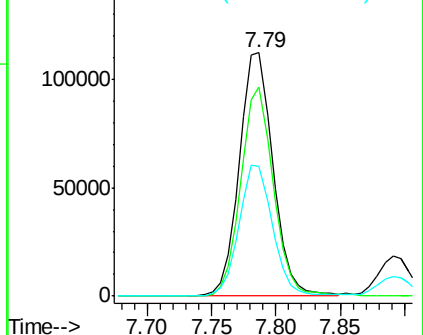
39 53.6 44.5 66.7

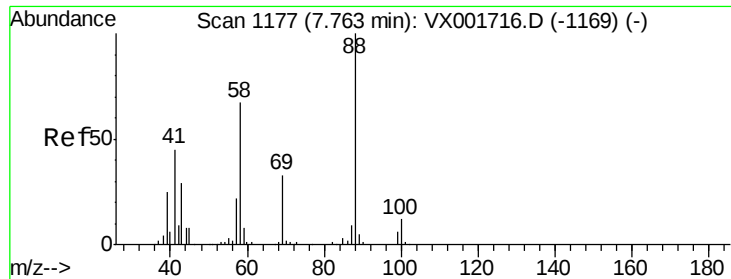


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

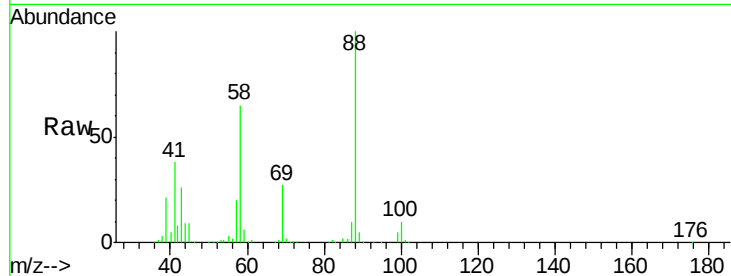




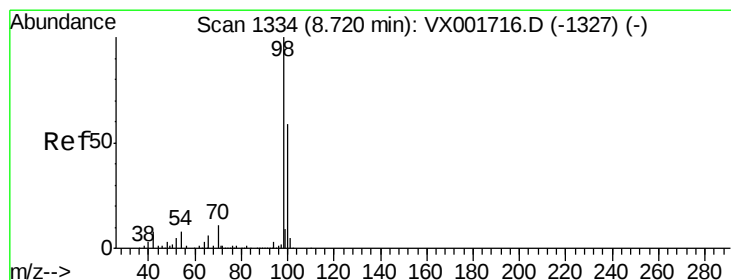
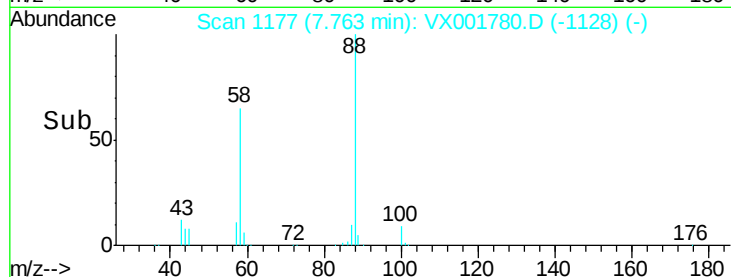
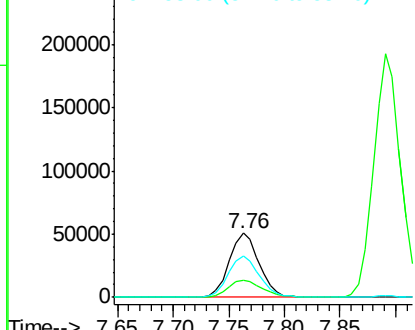
#49
1,4-Dioxane
Concen: 1254.39 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 94295
Ion Ratio Lower Upper
88 100
43 30.7 27.3 40.9
58 67.3 55.9 83.9

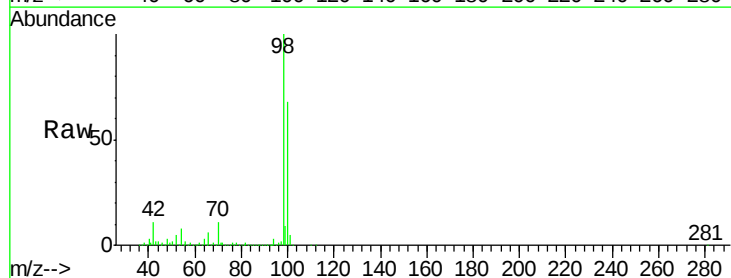


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

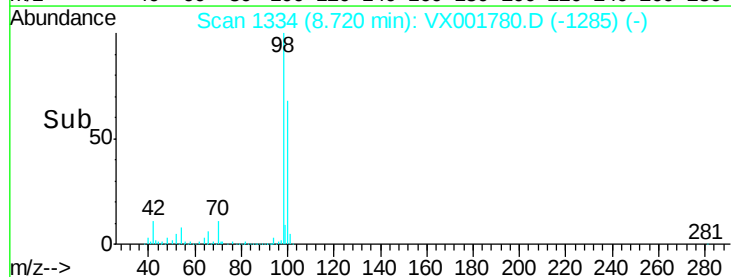
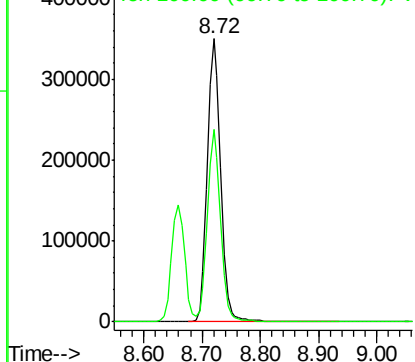


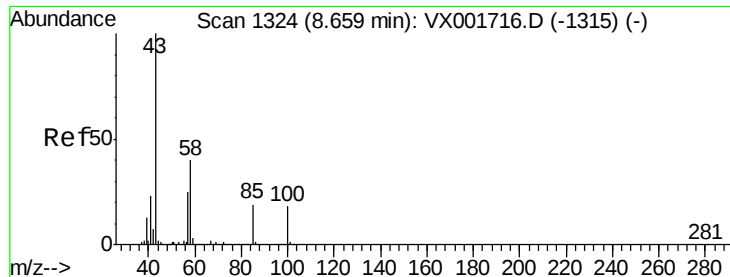
#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion: 98 Resp: 563277
Ion Ratio Lower Upper
98 100
100 67.2 54.0 81.0



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

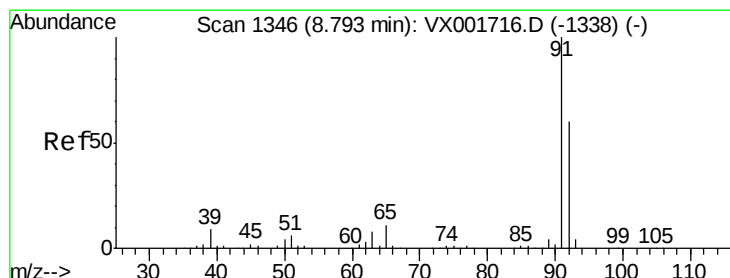
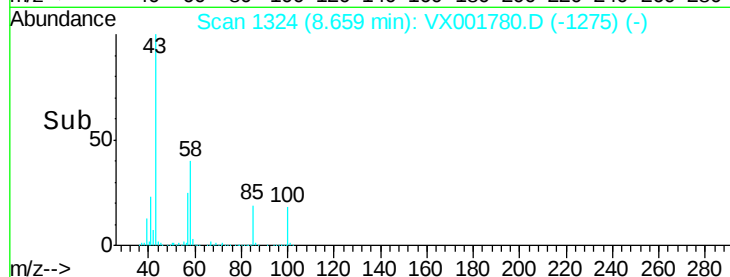
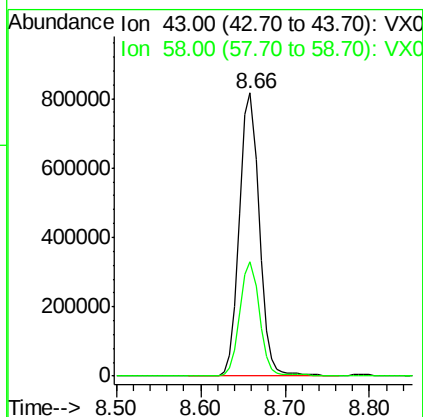
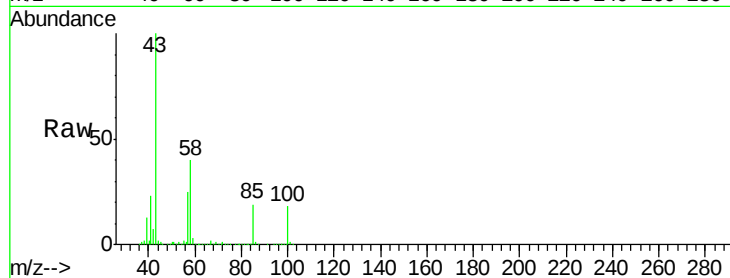




#51
 4-Methyl-2-Pentanone
 Concen: 275.51 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

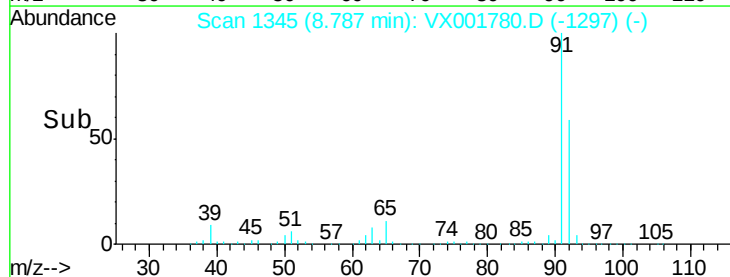
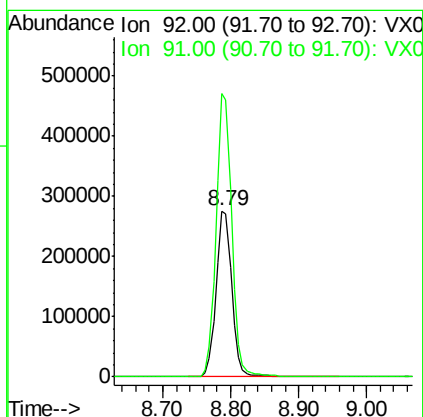
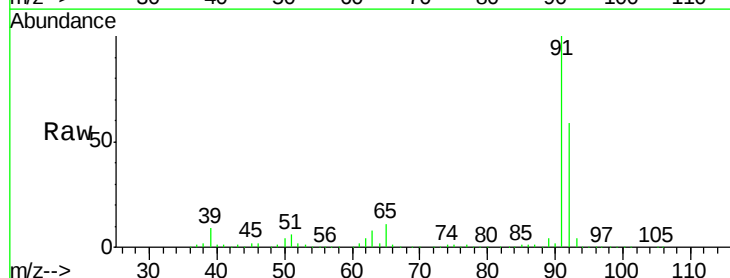
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

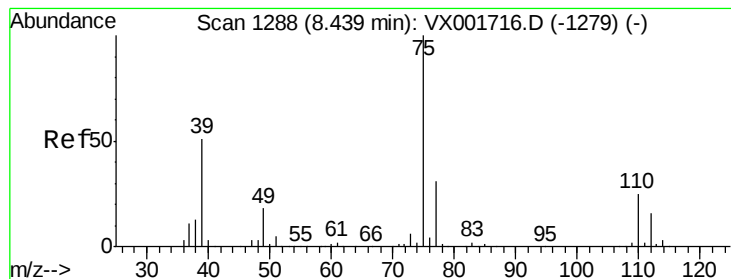
Tgt Ion: 43 Resp: 1295040
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.4 47.0



#52
 Toluene
 Concen: 51.44 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion: 92 Resp: 442865
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.40 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

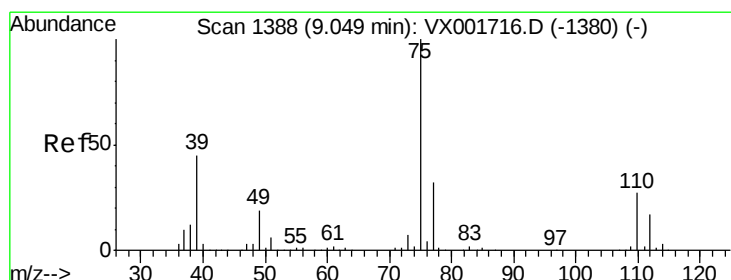
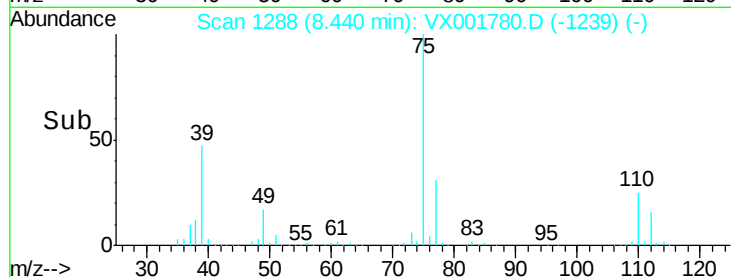
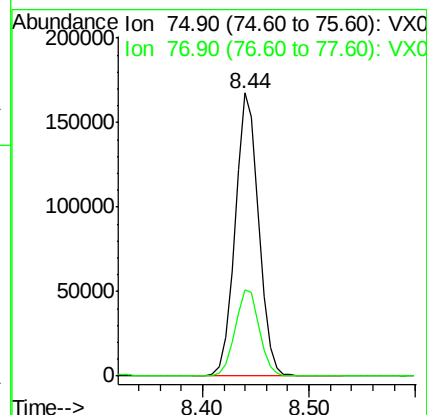
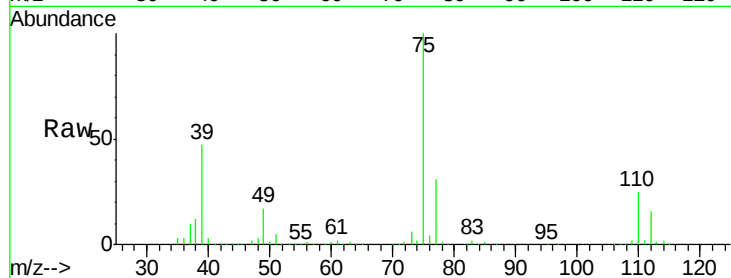
VSTDCCC050EC

Tgt Ion: 75 Resp: 259059

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.87 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

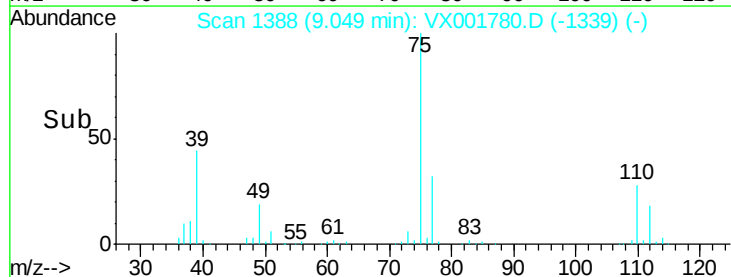
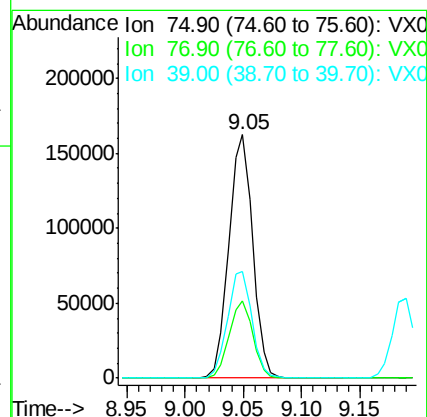
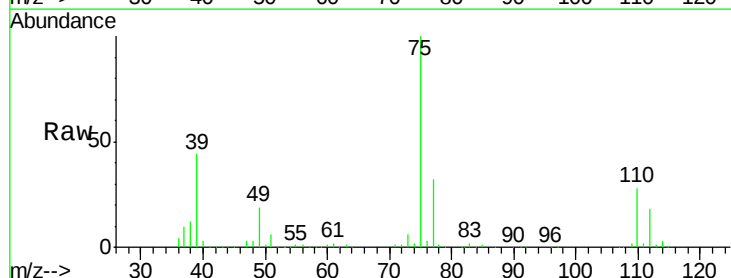
Tgt Ion: 75 Resp: 230442

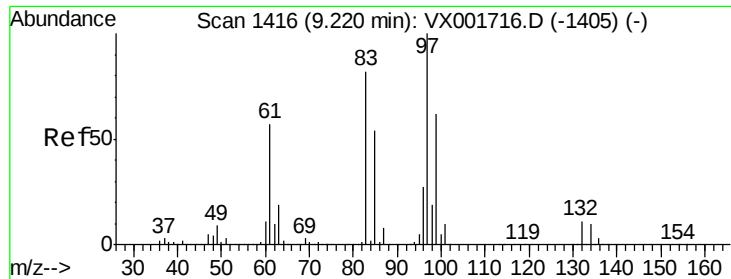
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 44.0 36.1 54.1

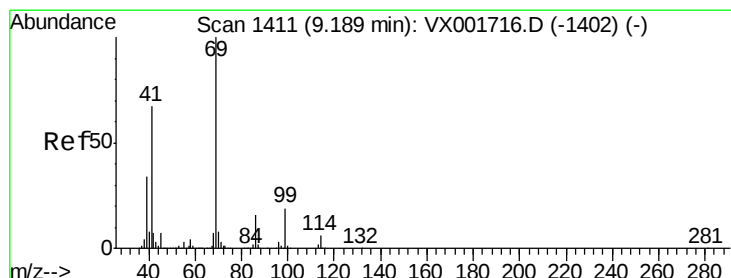
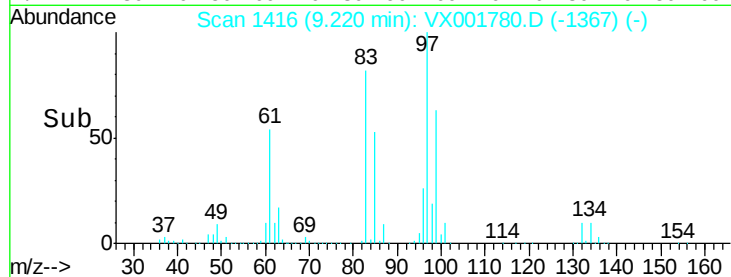
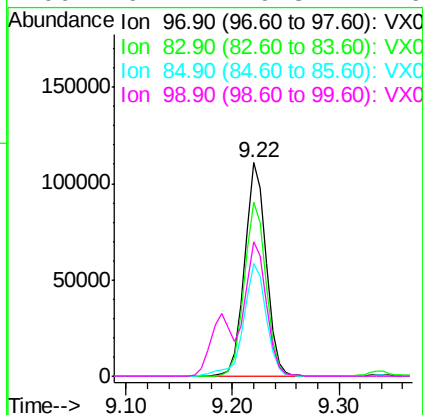
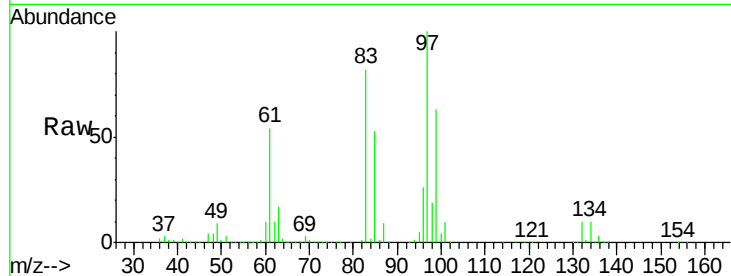




#55
 1,1,2-Trichloroethane
 Concen: 48.16 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

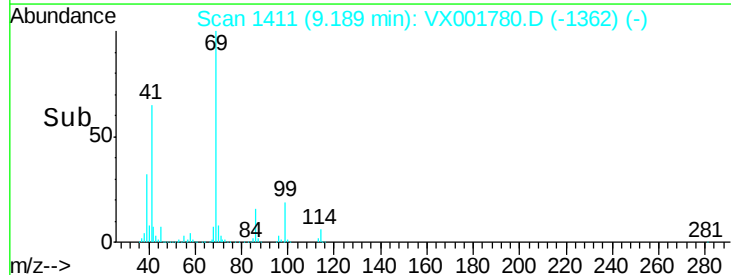
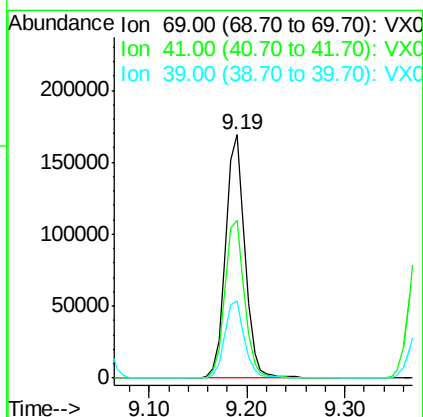
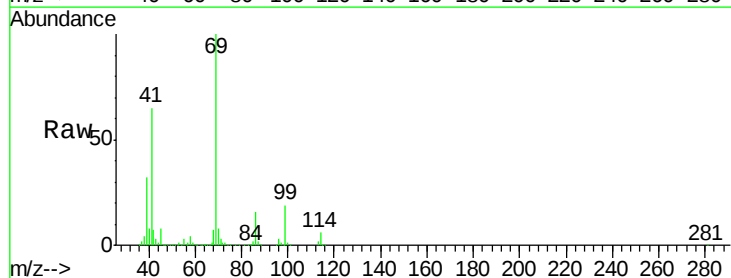
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

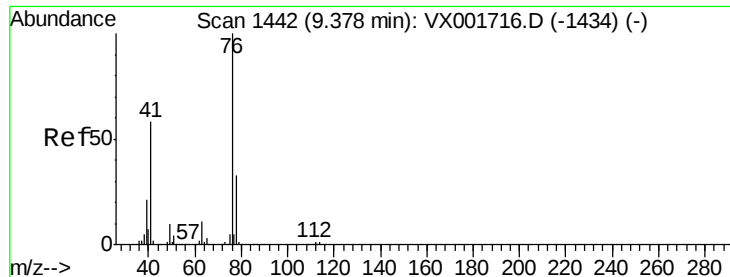
Tgt Ion:	97	Resp:	158479
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.8	98.8
85	52.7	43.4	65.0
99	62.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.77 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion:	69	Resp:	232273
Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.5	80.3
39	32.5	27.2	40.8





#57

1,3-Dichloropropane

Concen: 47.04 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

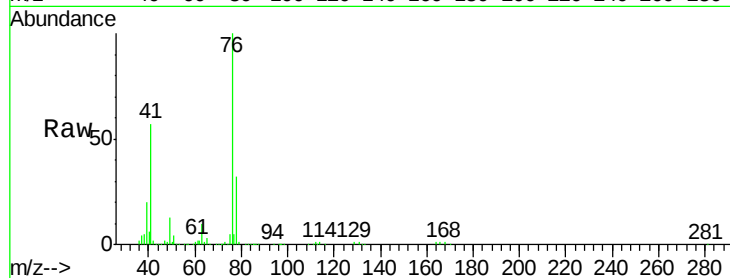
VSTDCCC050EC

Tgt Ion: 76 Resp: 259157

Ion Ratio Lower Upper

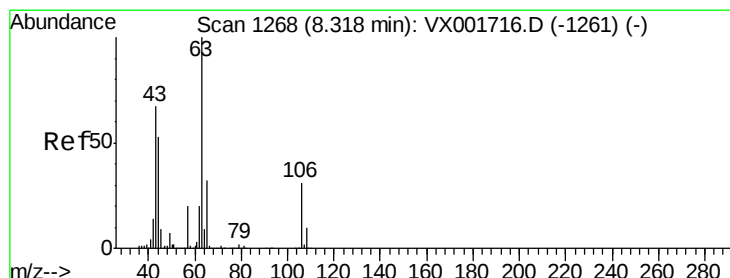
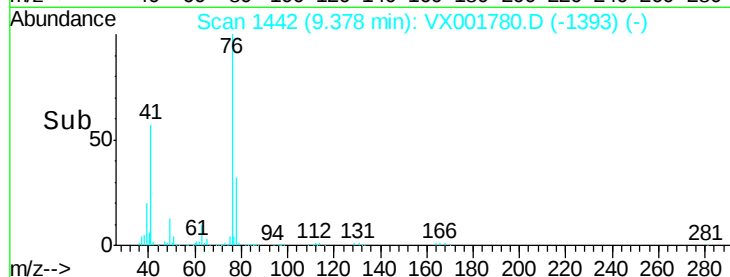
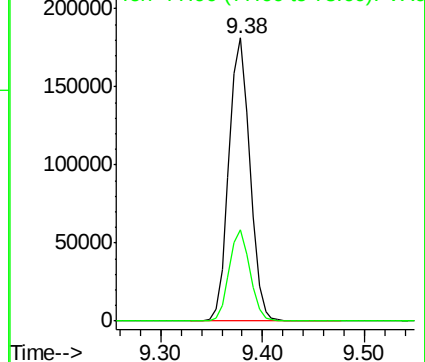
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 274.06 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001780.D

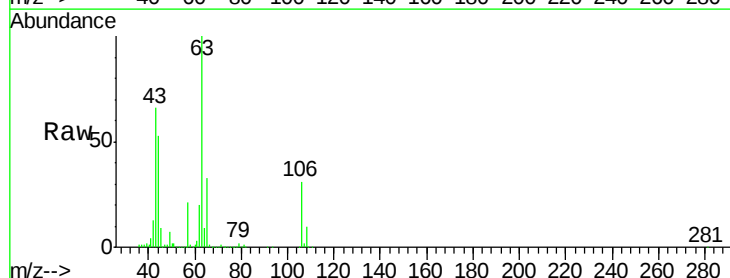
Acq: 16 May 2018 22:17

Tgt Ion: 63 Resp: 657924

Ion Ratio Lower Upper

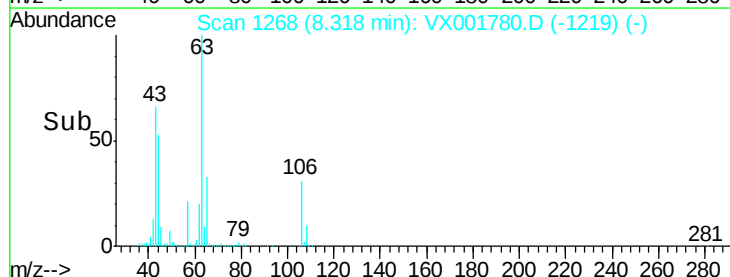
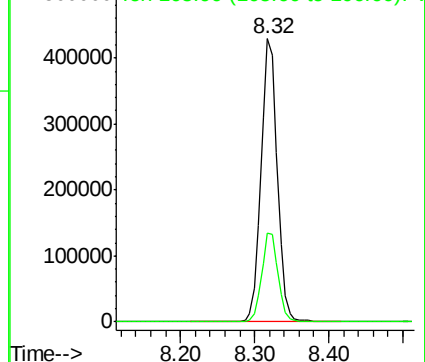
63 100

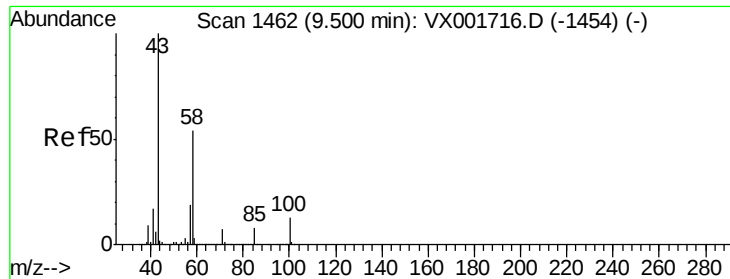
106 31.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

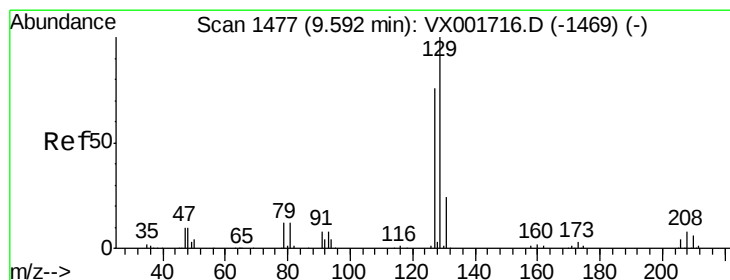
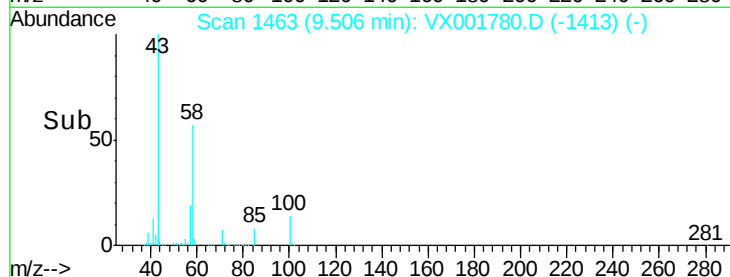
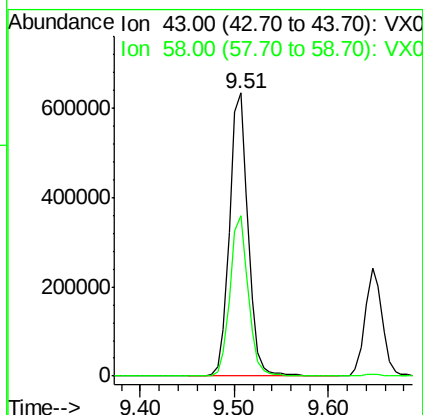
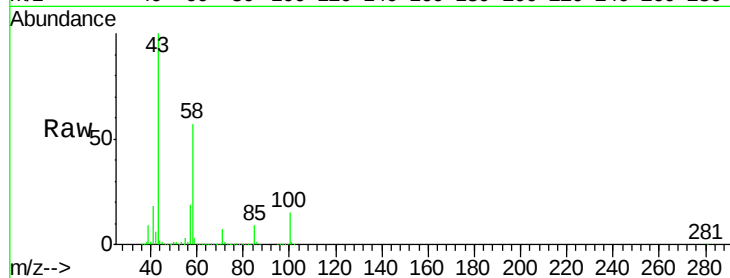




#59
2-Hexanone
Concen: 258.15 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

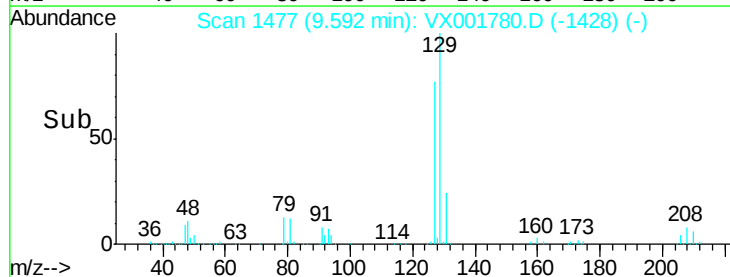
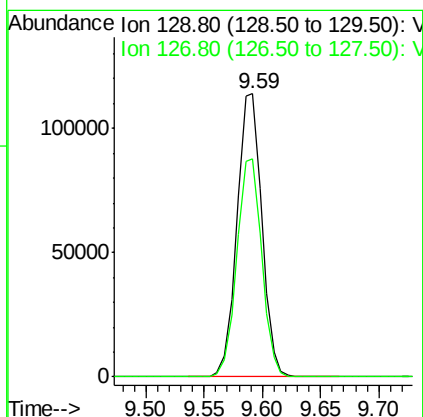
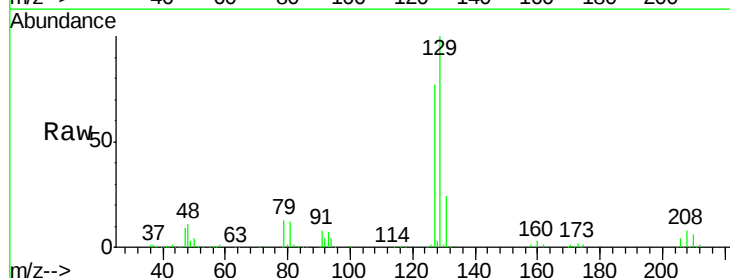
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

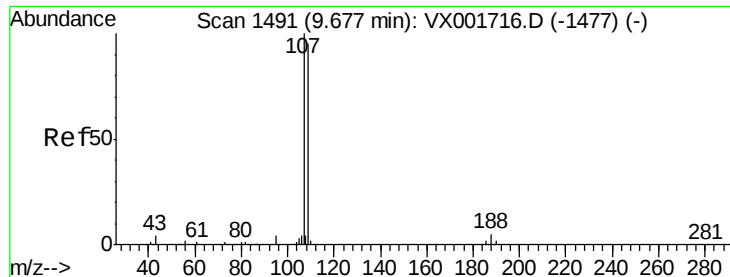
Tgt Ion: 43 Resp: 868662
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 50.41 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion: 129 Resp: 169864
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

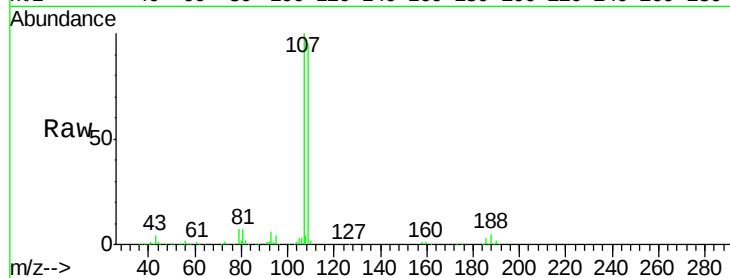
VSTDCCC050EC

Tgt Ion:107 Resp: 166518

Ion Ratio Lower Upper

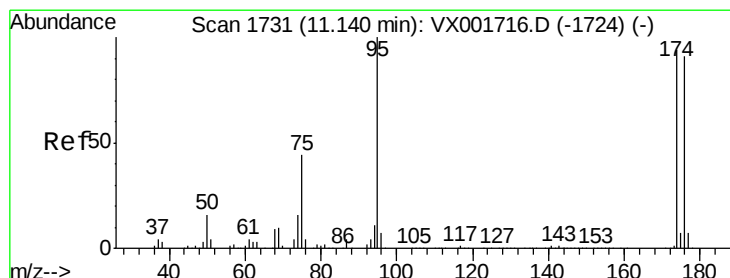
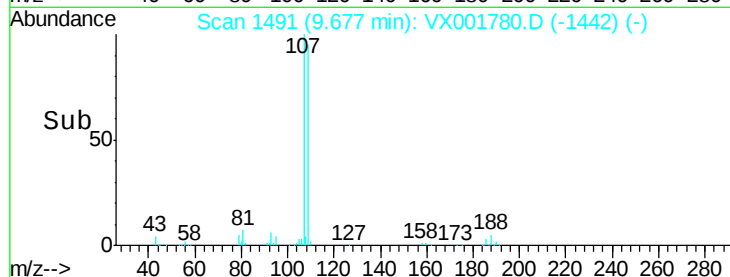
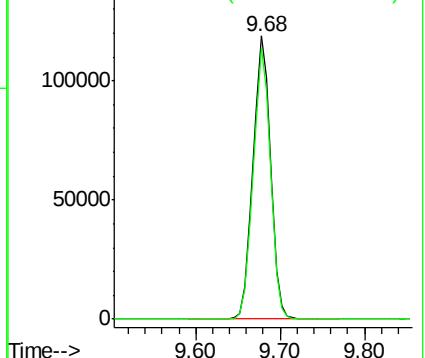
107 100

109 94.6 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: 41.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

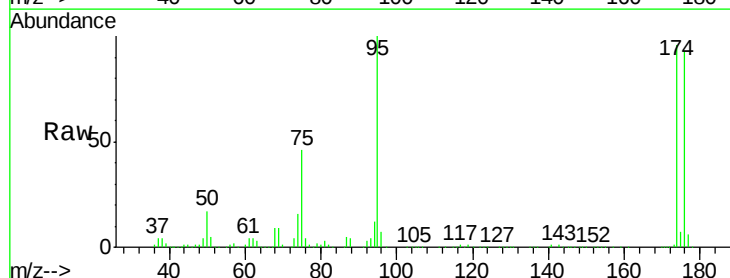
Tgt Ion: 95 Resp: 178233

Ion Ratio Lower Upper

95 100

174 103.4 0.0 201.8

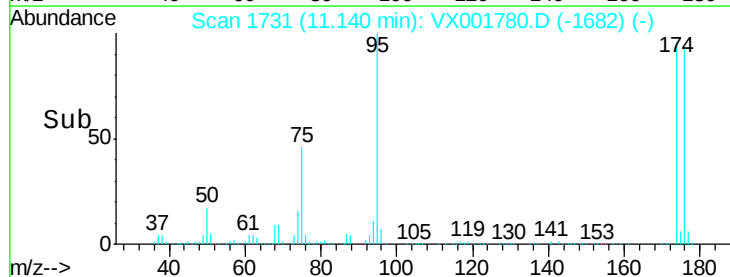
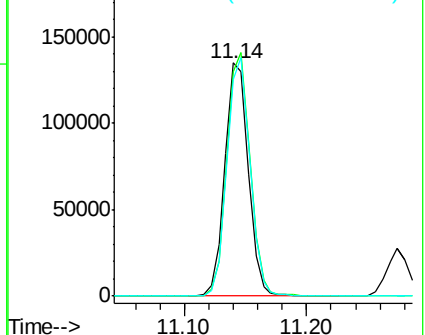
176 100.5 0.0 196.8

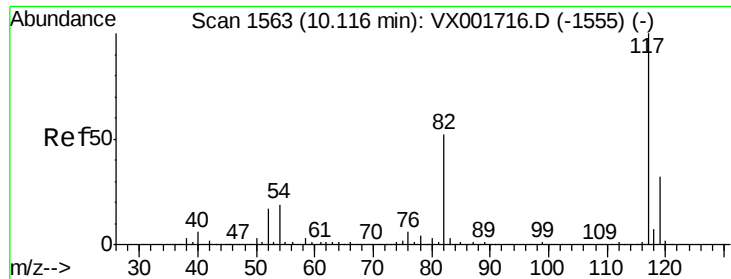


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

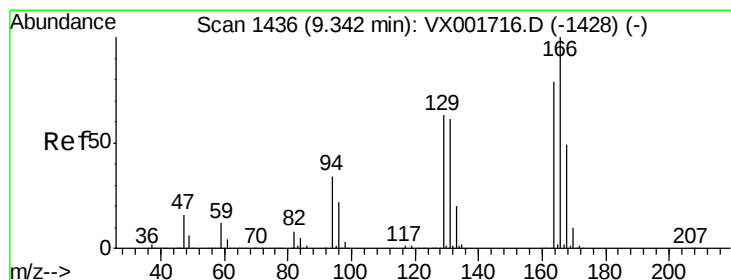
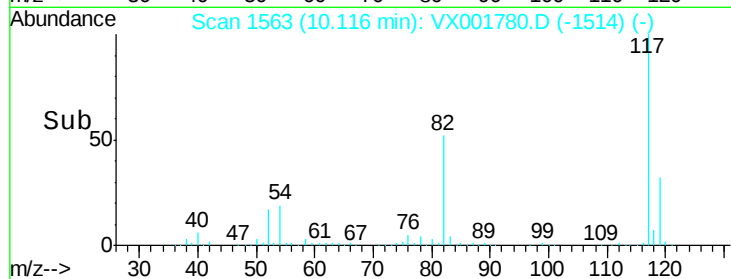
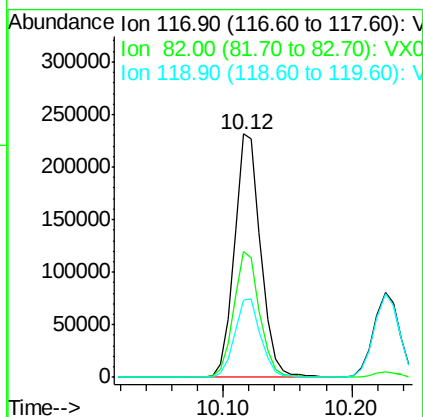
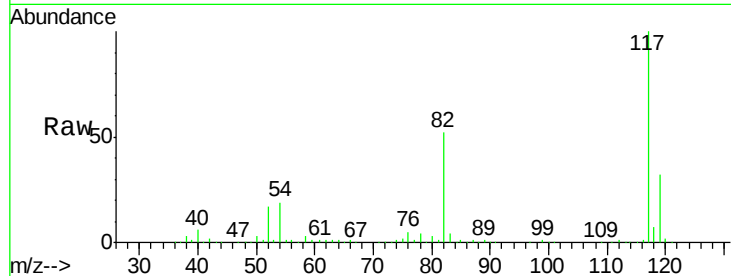




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

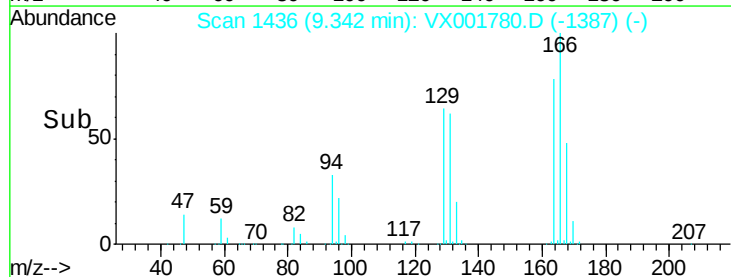
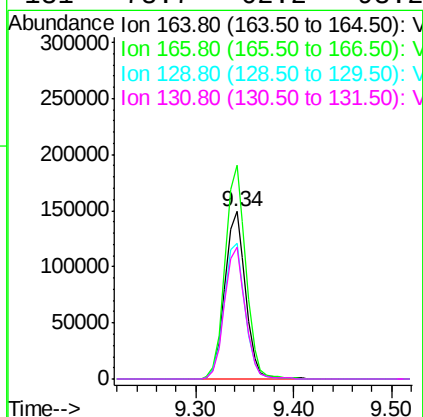
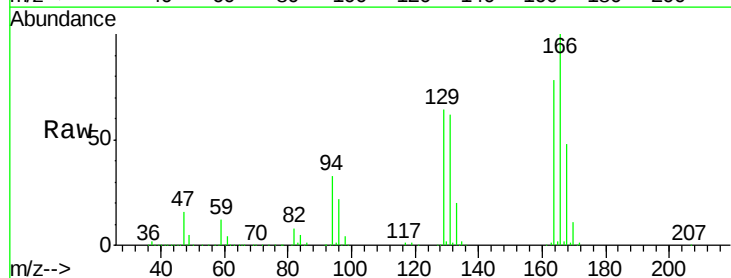
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

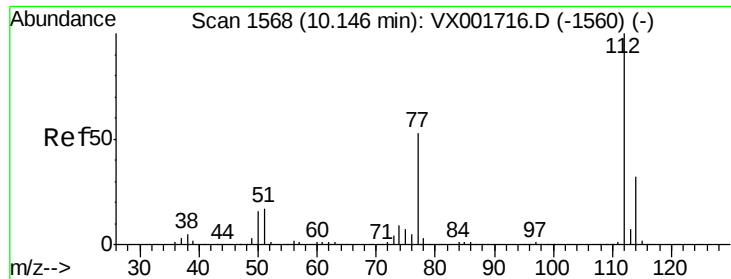
Tgt Ion:117 Resp: 327891
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 51.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion:164 Resp: 219384
Ion Ratio Lower Upper
164 100
166 127.4 101.8 152.8
129 81.3 63.8 95.6
131 78.7 62.2 93.2

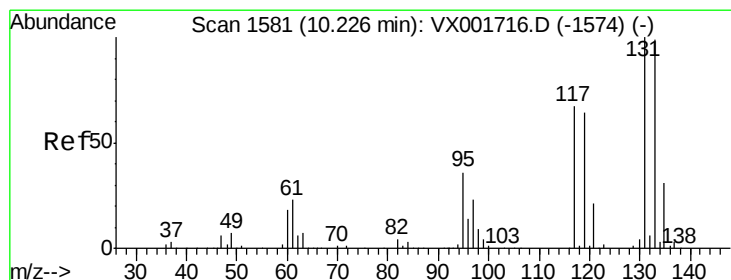
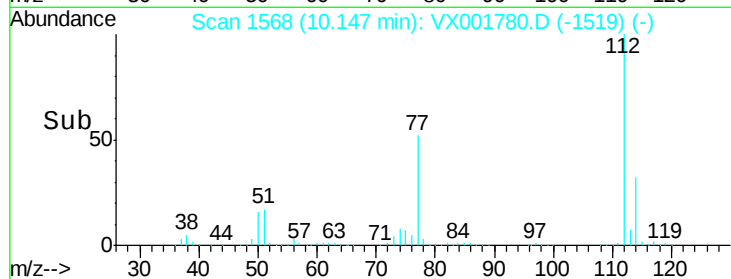
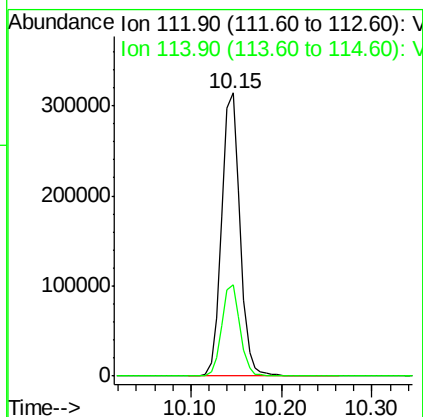
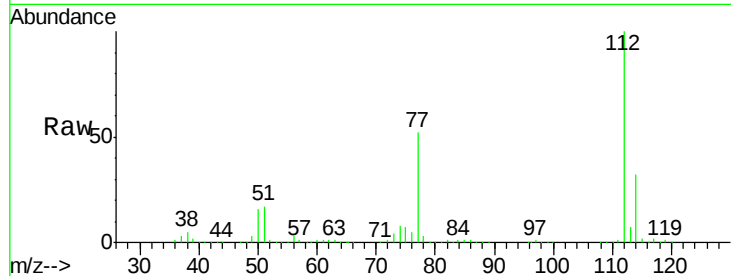




#65
Chlorobenzene
Concen: 49.18 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

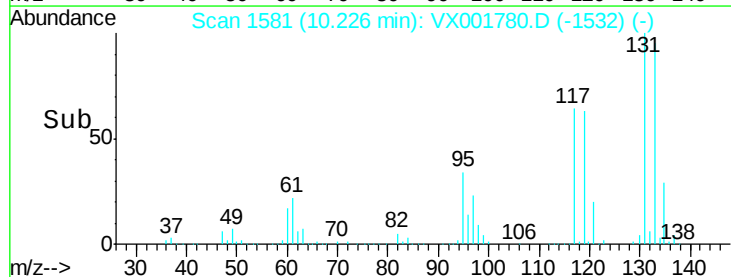
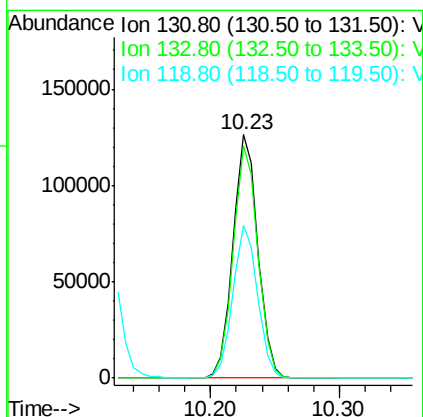
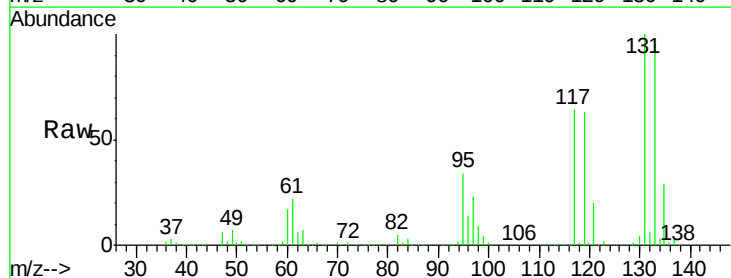
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

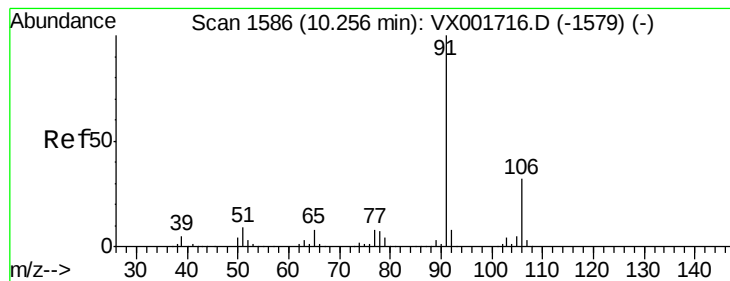
Tgt Ion:112 Resp: 443530
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion:131 Resp: 170300
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.6
119 62.4 31.9 95.5





#67

Ethyl Benzene

Concen: 50.78 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

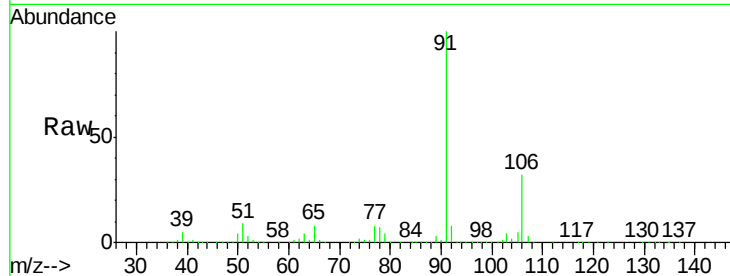
VSTDCCC050EC

Tgt Ion: 91 Resp: 731969

Ion Ratio Lower Upper

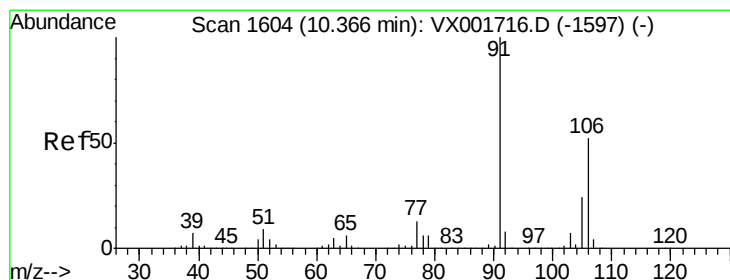
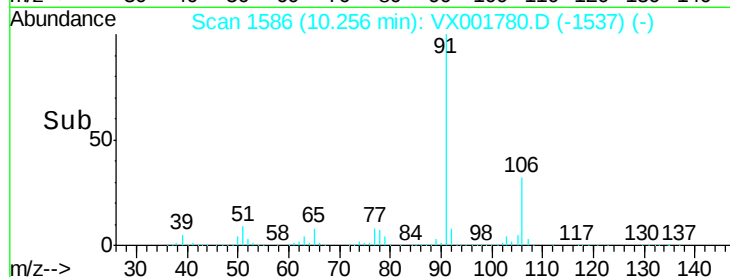
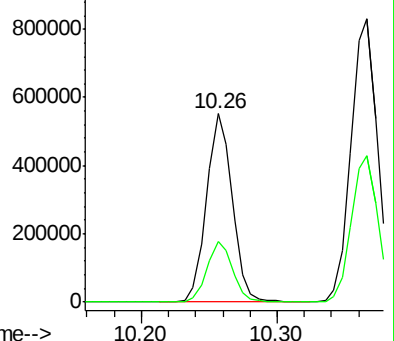
91 100

106 32.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX001716.D (-1579) (-)



#68

m/p-Xylenes

Concen: 103.93 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001780.D

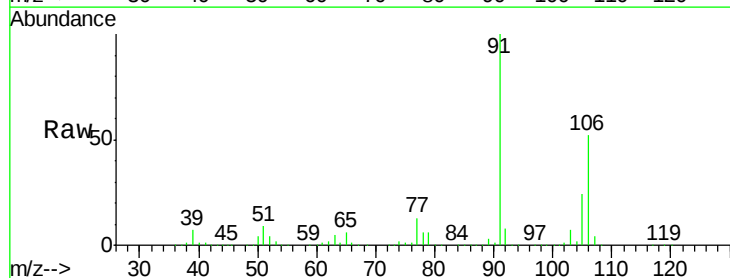
Acq: 16 May 2018 22:17

Tgt Ion: 106 Resp: 591062

Ion Ratio Lower Upper

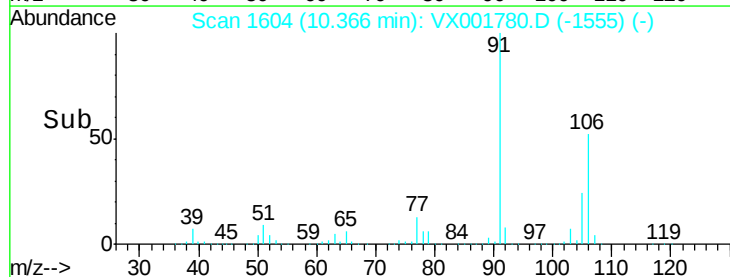
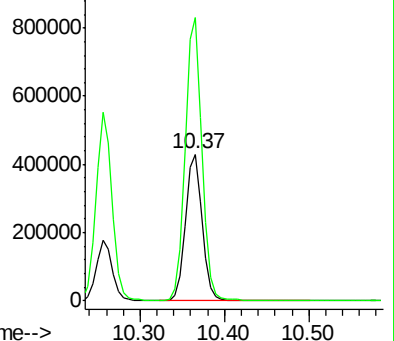
106 100

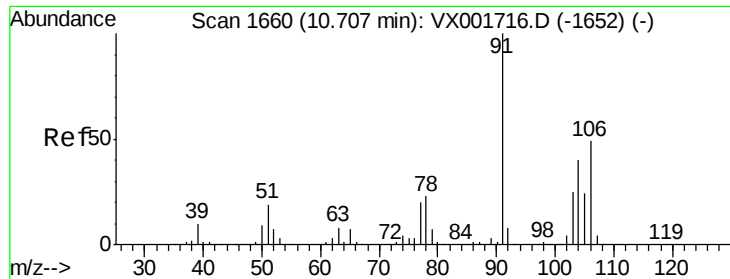
91 193.2 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): VX001716.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001716.D (-1597) (-)

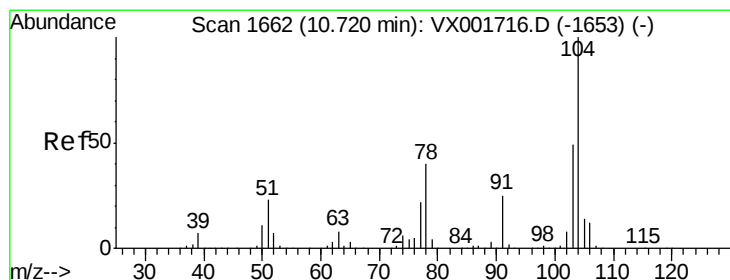
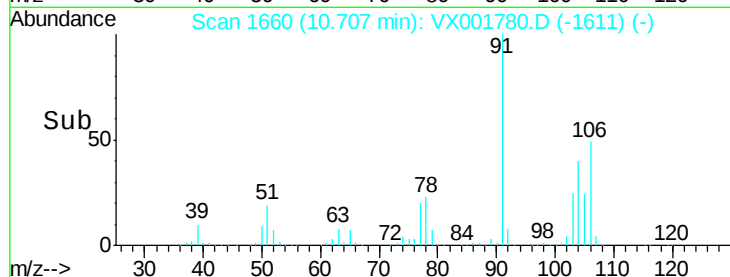
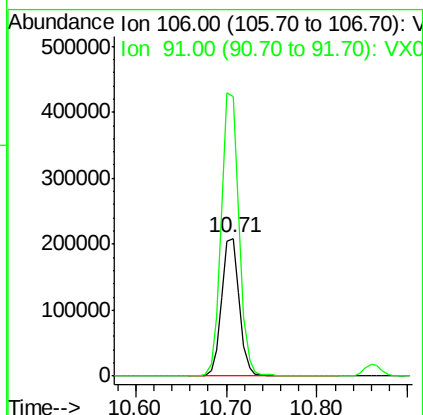
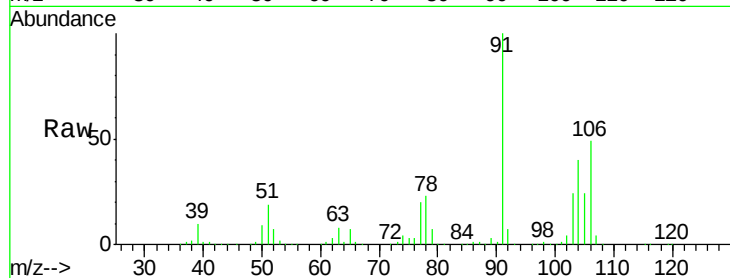




#69
o-Xylene
Concen: 52.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

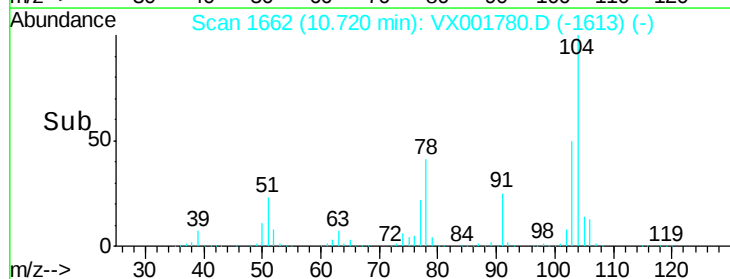
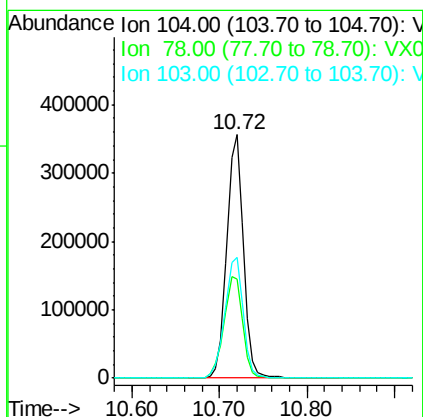
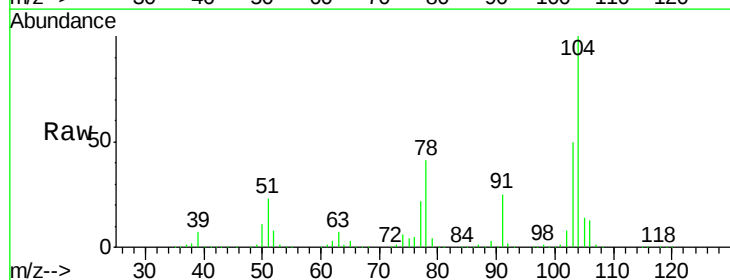
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

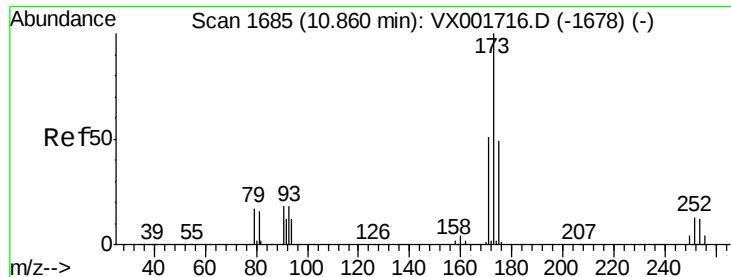
Tgt Ion:106 Resp: 284720
Ion Ratio Lower Upper
106 100
91 206.2 103.4 310.2



#70
Styrene
Concen: 52.23 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001780.D
Acq: 16 May 2018 22:17

Tgt Ion:104 Resp: 469139
Ion Ratio Lower Upper
104 100
78 47.1 37.3 55.9
103 55.0 43.7 65.5





#71

Bromoform

Concen: 47.39 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

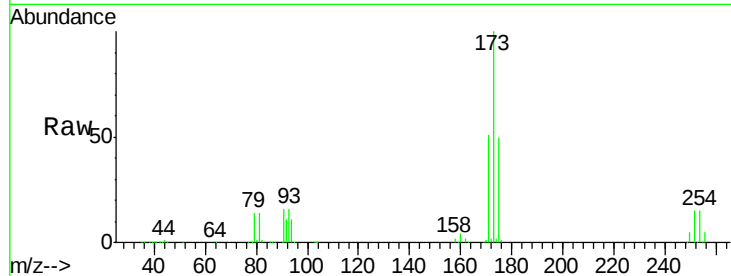
Tgt Ion:173 Resp: 140003

Ion Ratio Lower Upper

173 100

175 50.0 24.3 72.8

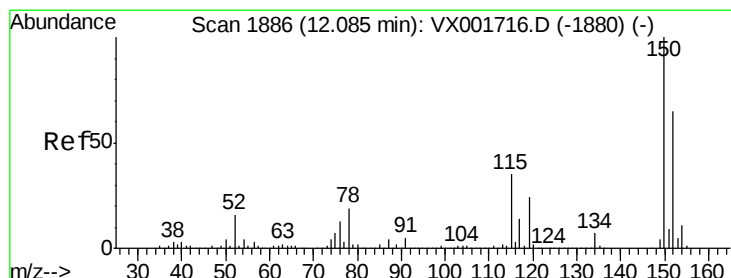
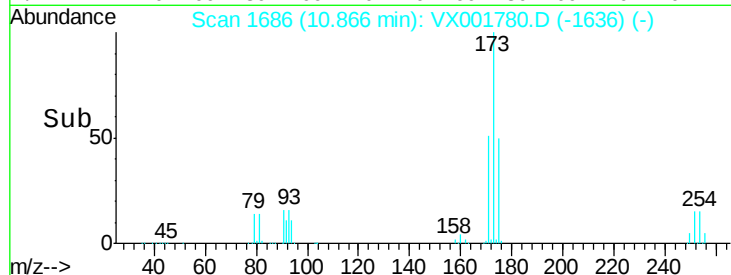
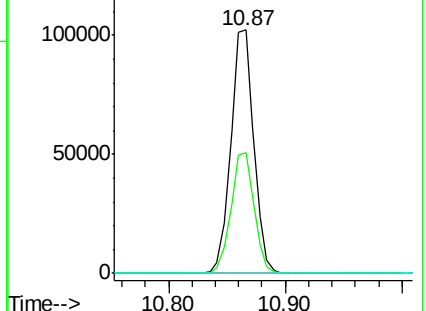
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

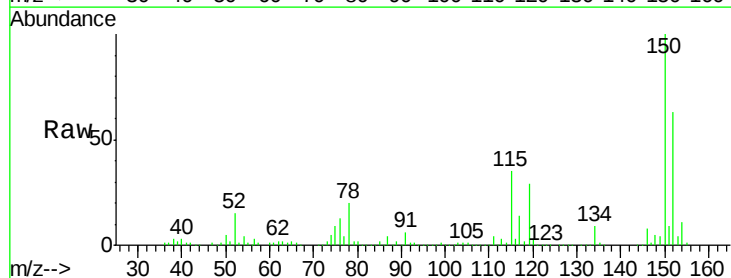
Tgt Ion:152 Resp: 214807

Ion Ratio Lower Upper

152 100

115 74.9 37.4 112.2

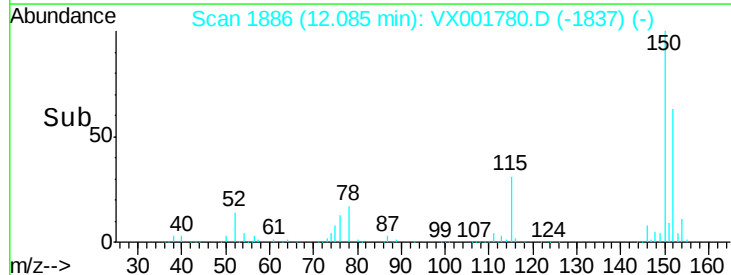
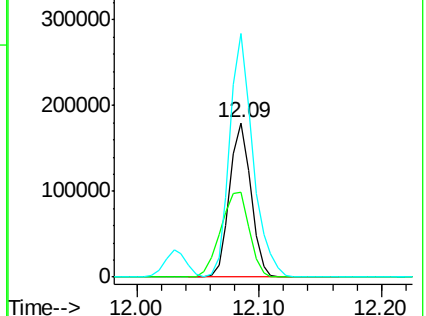
150 173.1 0.0 344.8

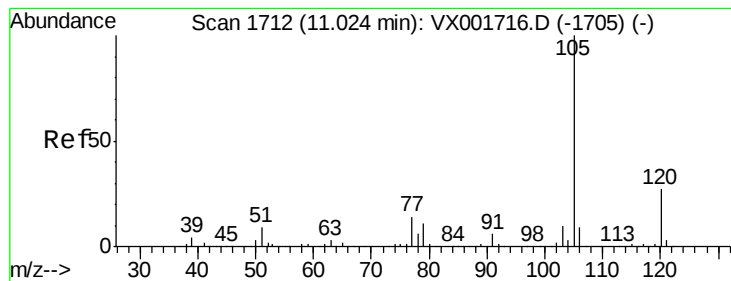


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

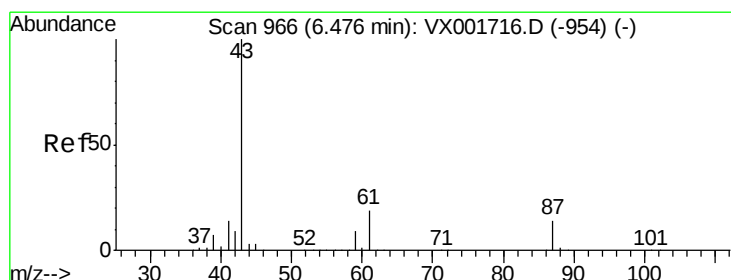
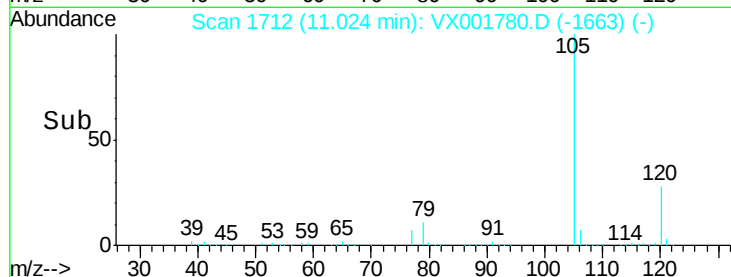
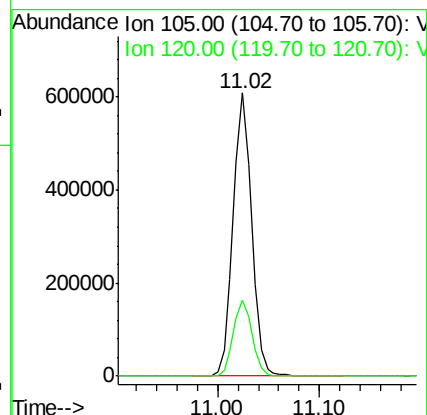
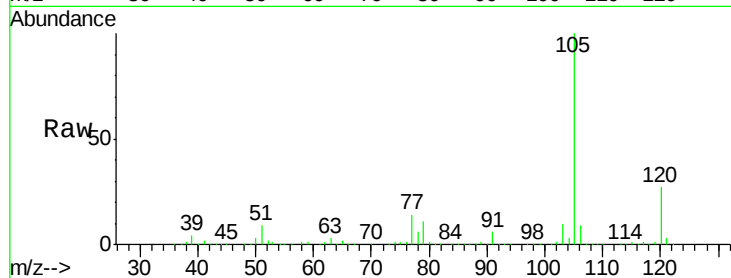
VSTDCCC050EC

Tgt Ion: 105 Resp: 762089

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



#74

N-ethyl acetate

Concen: 55.28 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Tgt Ion: 43 Resp: 374913

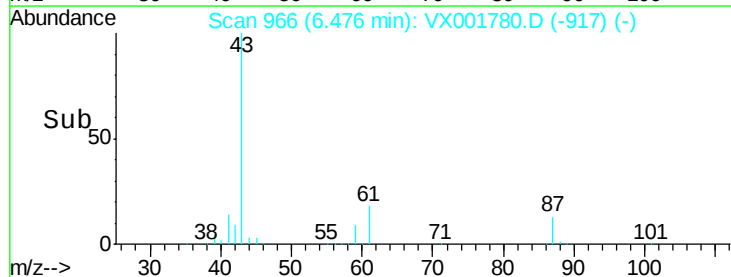
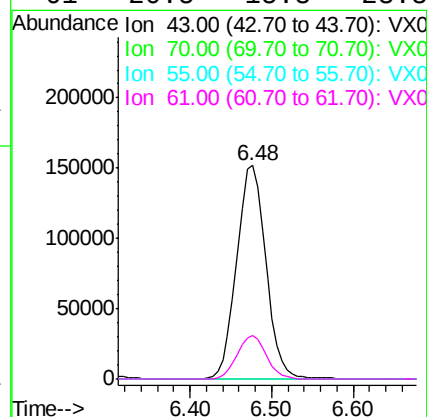
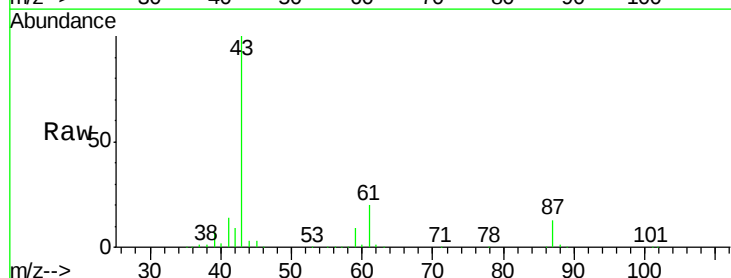
Ion Ratio Lower Upper

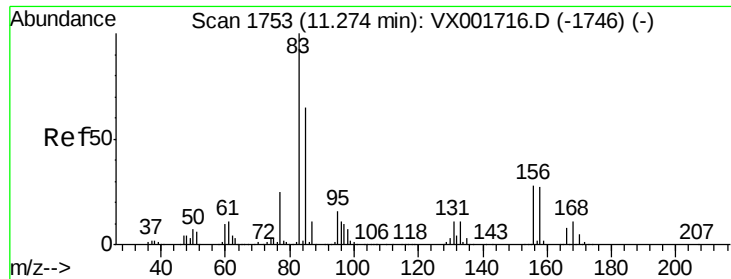
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.5 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

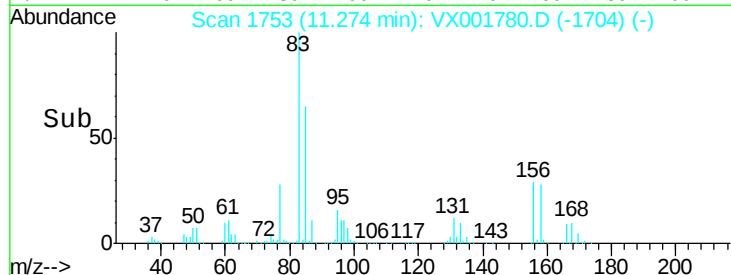
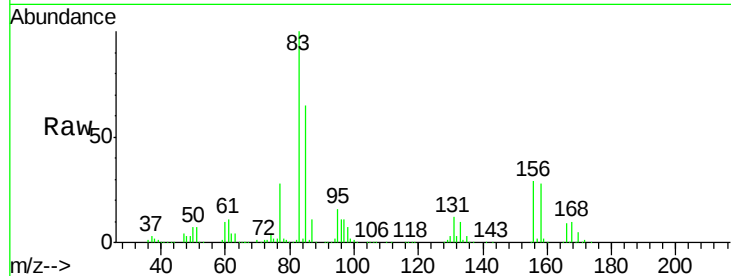
Tgt Ion: 83 Resp: 221634

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.0

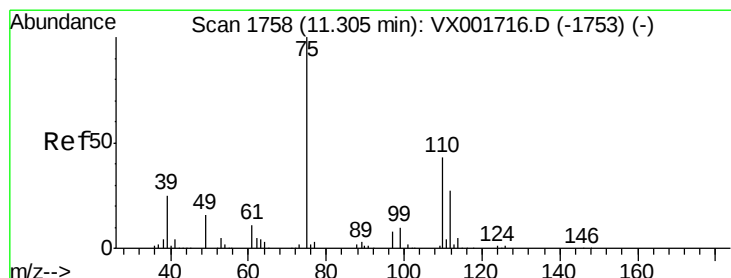
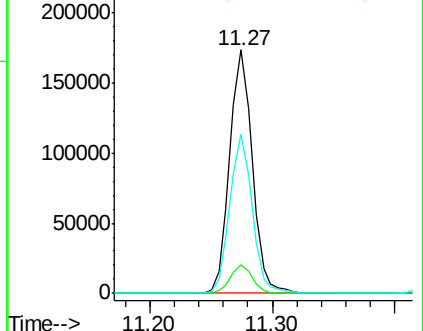
85 64.7 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.87 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001780.D

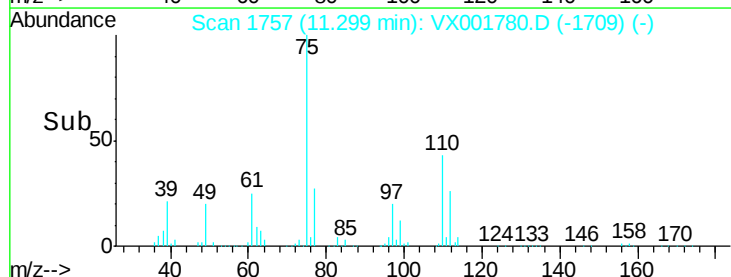
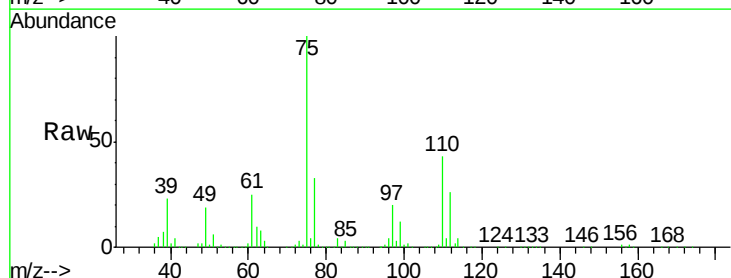
Acq: 16 May 2018 22:17

Tgt Ion: 75 Resp: 260886

Ion Ratio Lower Upper

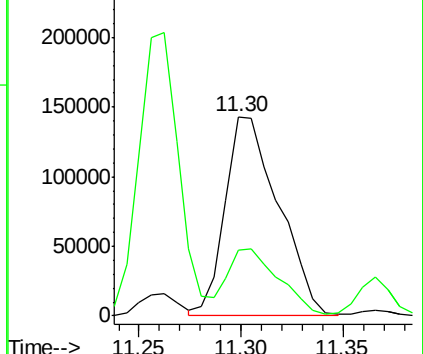
75 100

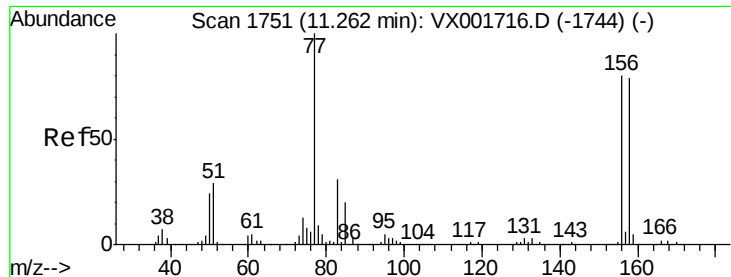
77 31.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

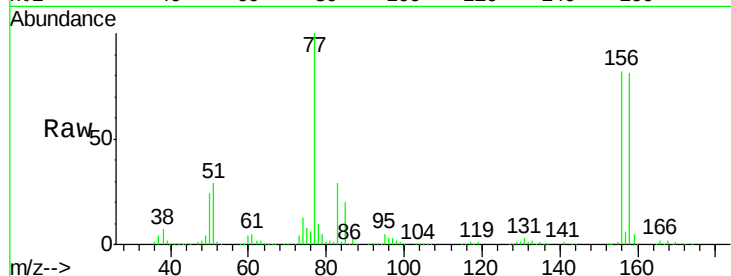
Tgt Ion:156 Resp: 215097

Ion Ratio Lower Upper

156 100

77 129.6 65.3 196.0

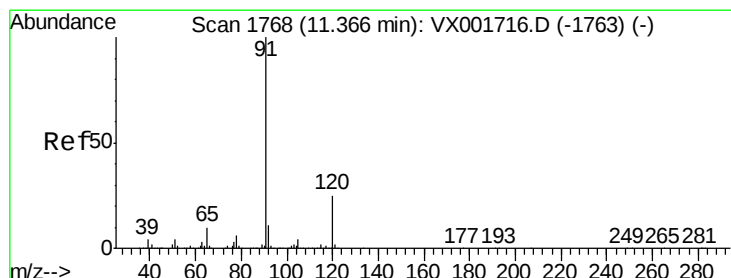
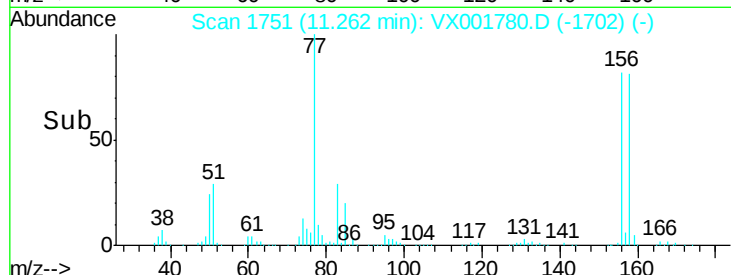
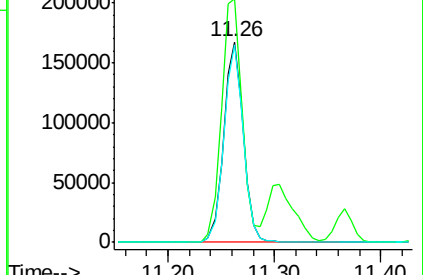
158 97.8 49.1 147.3



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: 52.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001780.D

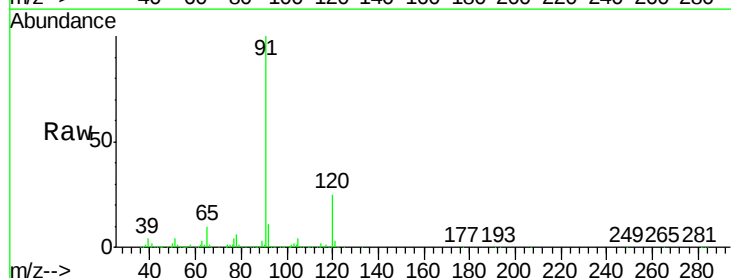
Acq: 16 May 2018 22:17

Tgt Ion: 91 Resp: 832799

Ion Ratio Lower Upper

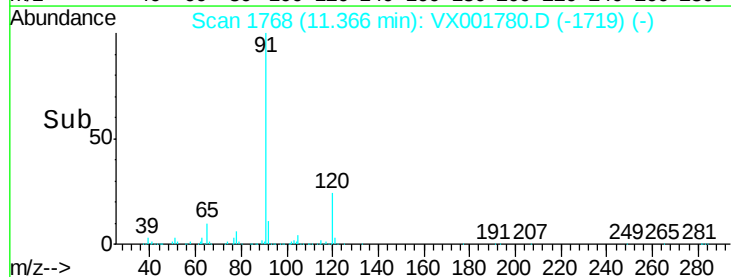
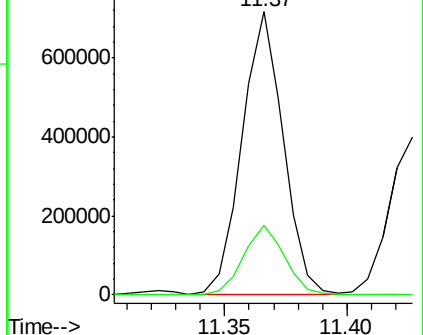
91 100

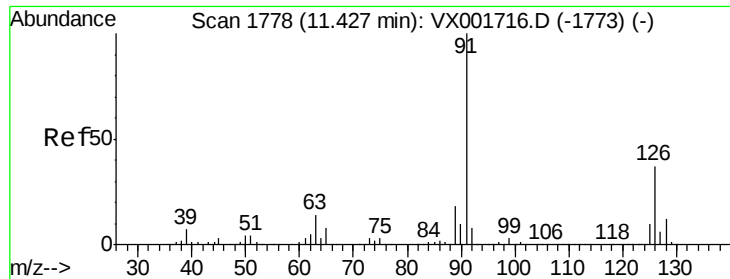
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.43 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

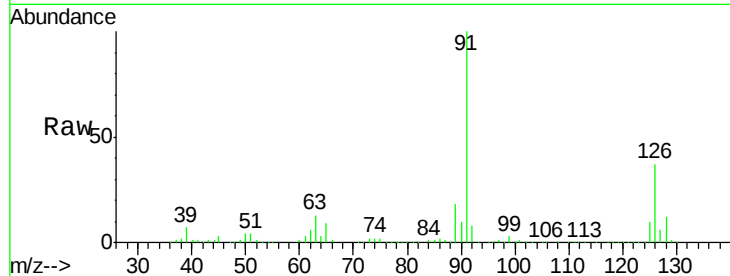
VSTDCCC050EC

Tgt Ion: 91 Resp: 499729

Ion Ratio Lower Upper

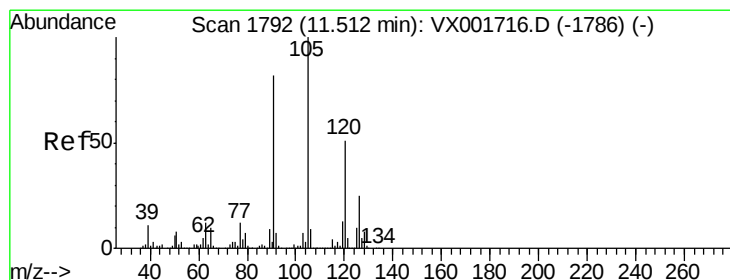
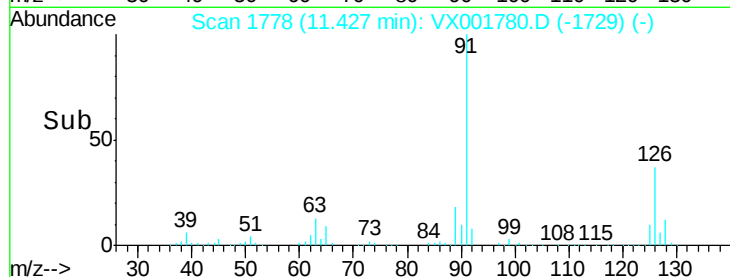
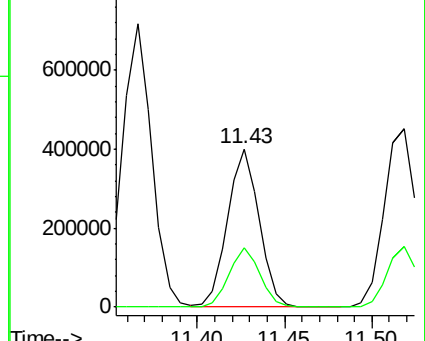
91 100

126 37.2 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001780.D

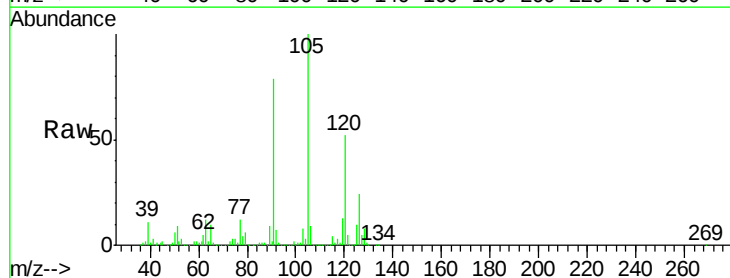
Acq: 16 May 2018 22:17

Tgt Ion: 105 Resp: 628932

Ion Ratio Lower Upper

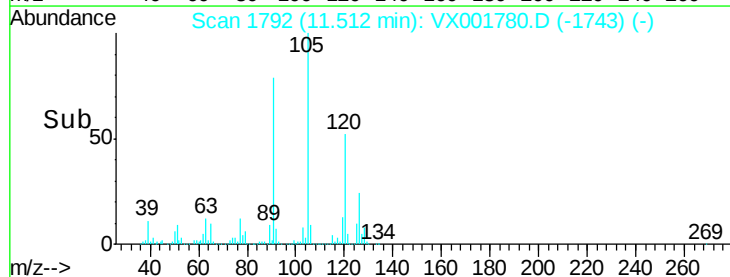
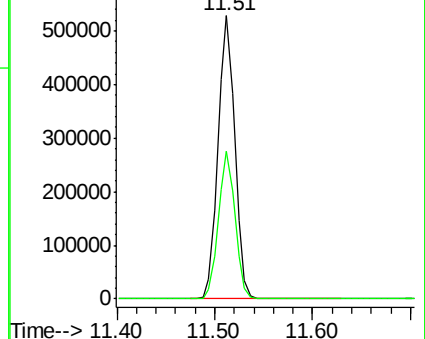
105 100

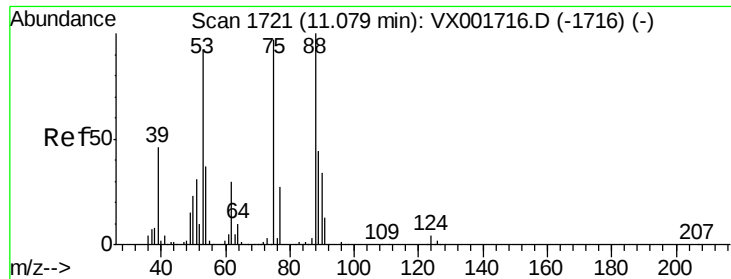
120 51.4 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.11 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

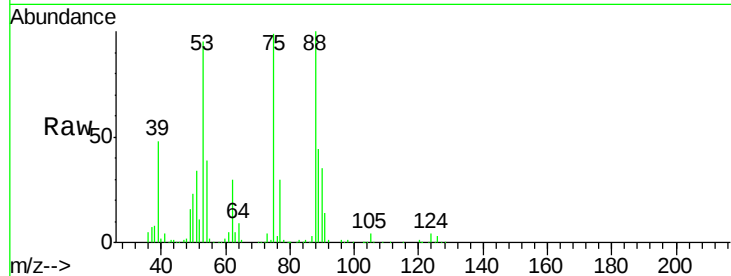
Tgt Ion: 75 Resp: 61360

Ion Ratio Lower Upper

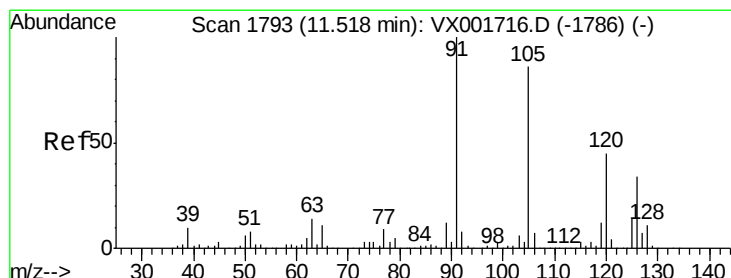
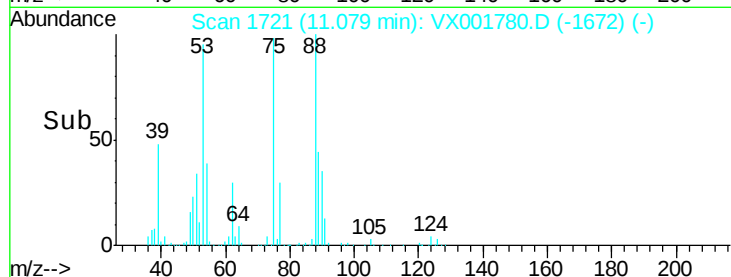
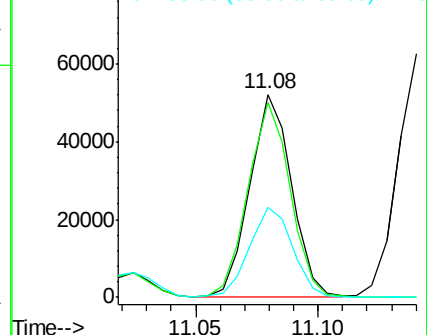
75 100

53 97.7 79.4 119.2

89 46.3 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.19 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001780.D

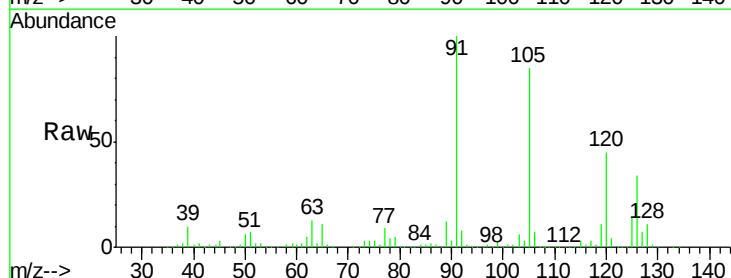
Acq: 16 May 2018 22:17

Tgt Ion: 91 Resp: 574771

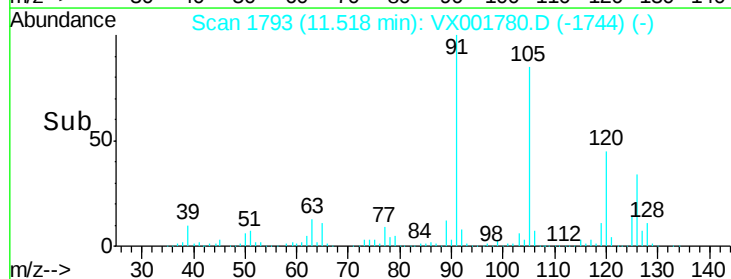
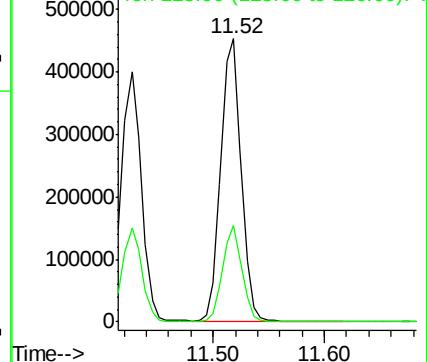
Ion Ratio Lower Upper

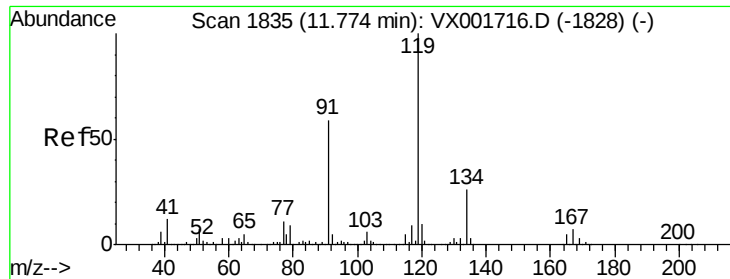
91 100

126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

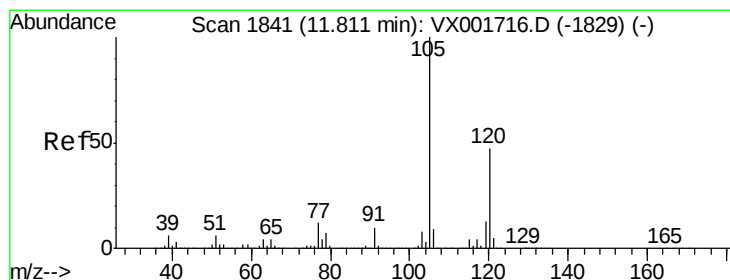
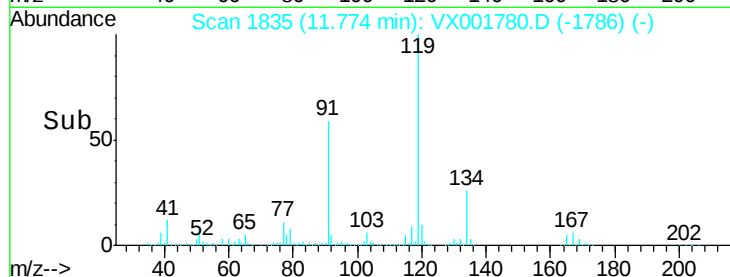
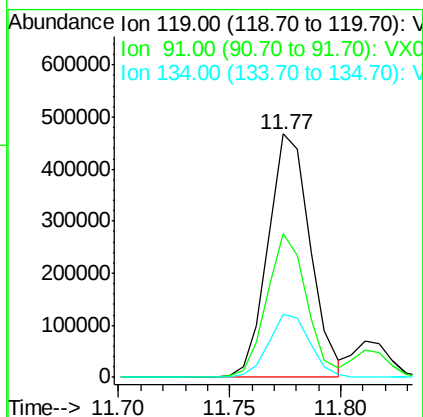
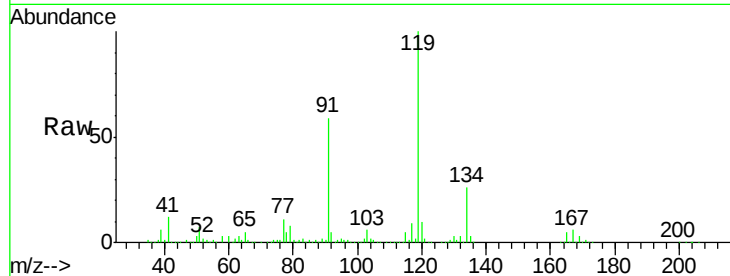




#83
 tert-Butylbenzene
 Concen: 53.28 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

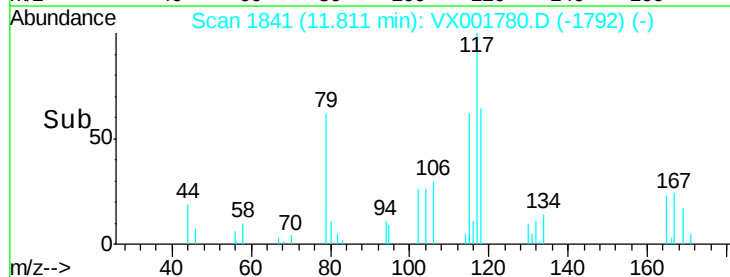
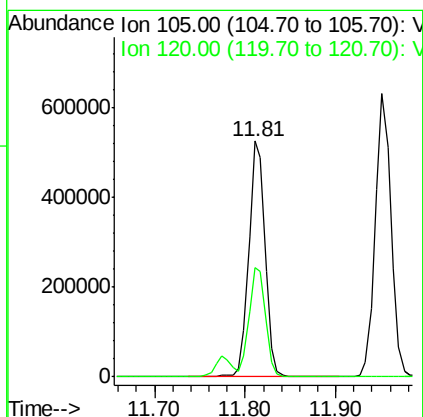
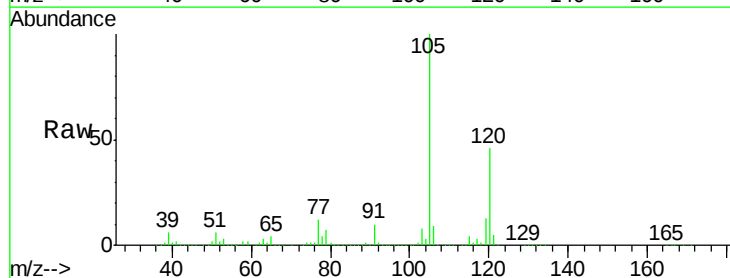
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

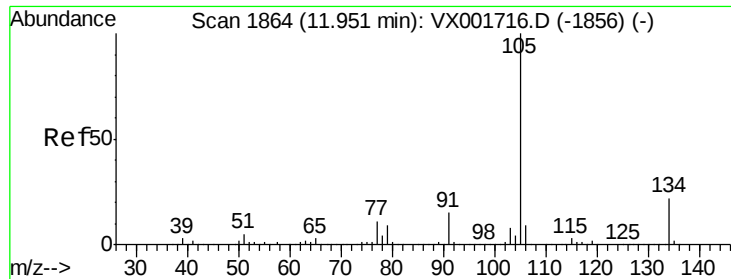
Tgt Ion:119 Resp: 615315
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.7 83.0
 134 25.3 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion:105 Resp: 650456
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.5

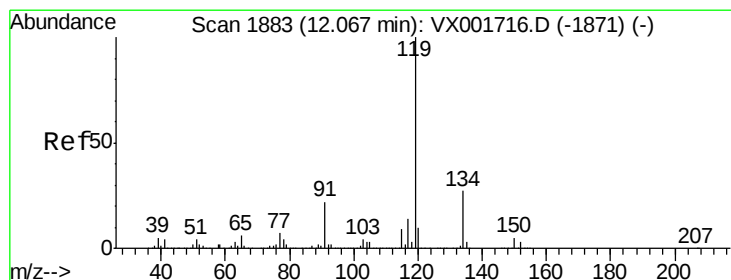
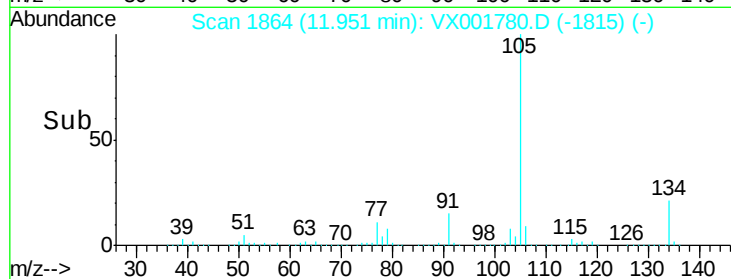
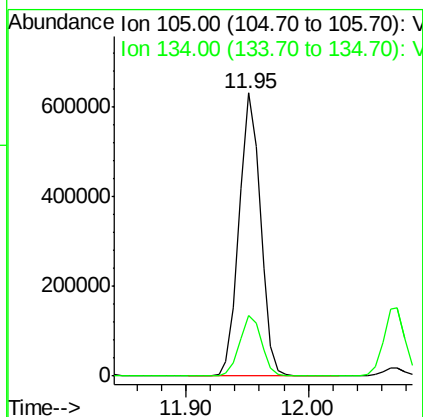
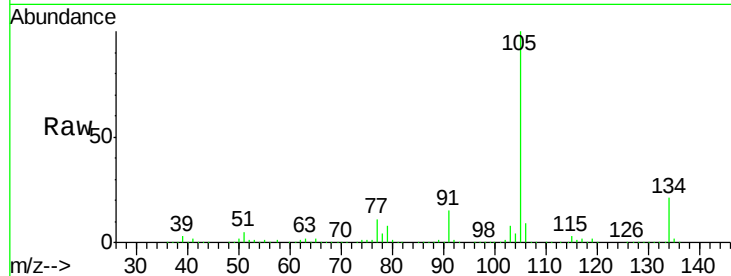




#85
 sec-Butylbenzene
 Concen: 53.21 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

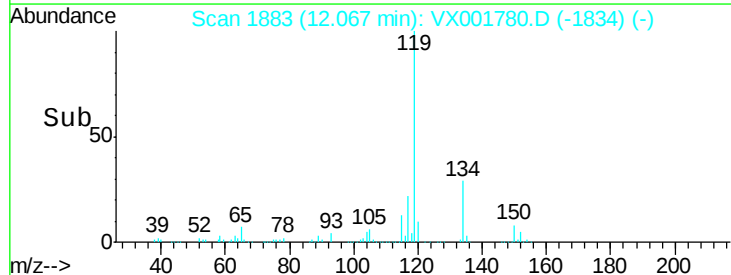
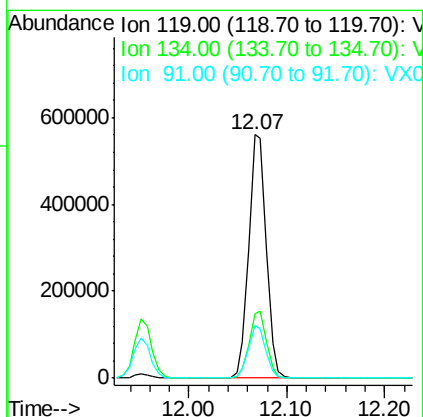
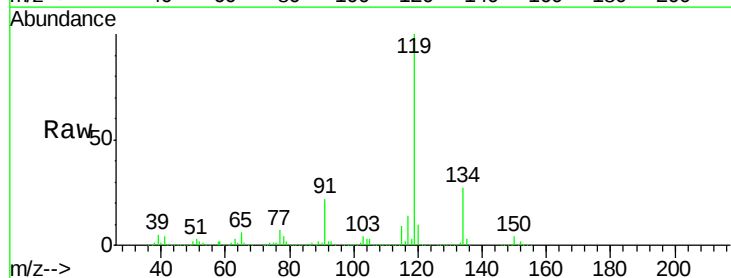
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

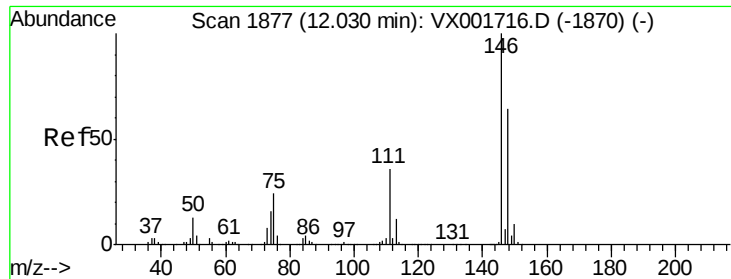
Tgt Ion:105 Resp: 758601
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 52.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion:119 Resp: 696020
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.18 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

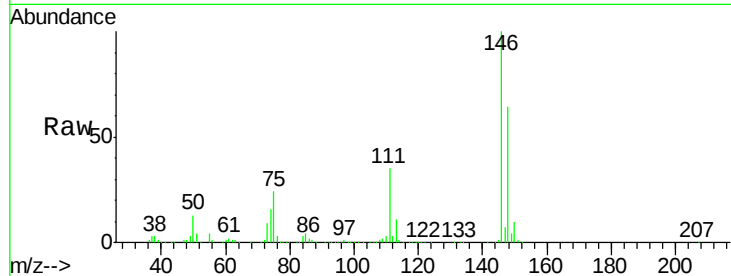
Tgt Ion:146 Resp: 385759

Ion Ratio Lower Upper

146 100

111 35.4 17.8 53.4

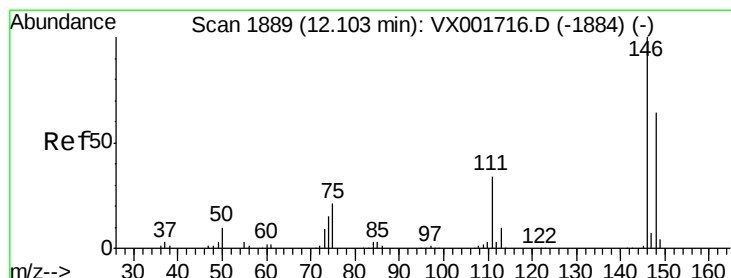
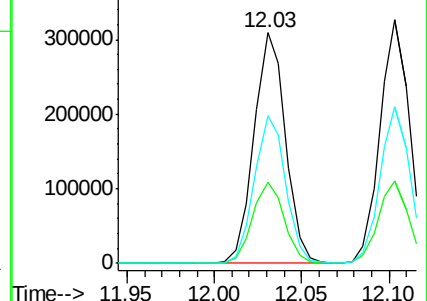
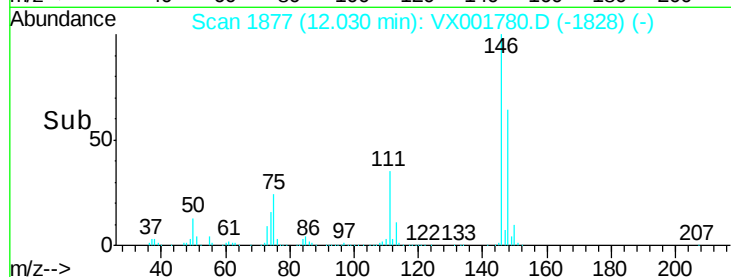
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.48 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

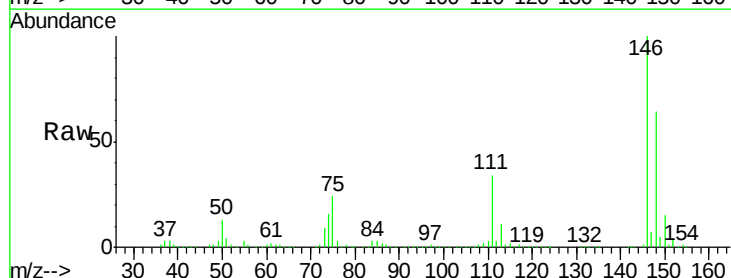
Tgt Ion:146 Resp: 385370

Ion Ratio Lower Upper

146 100

111 34.3 17.3 52.0

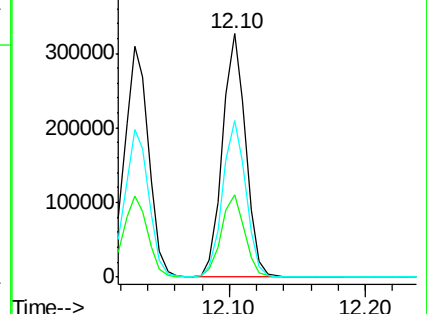
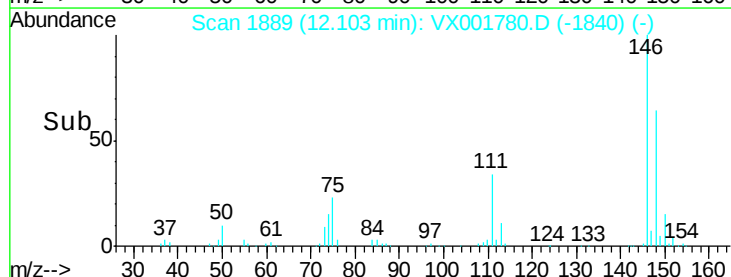
148 64.5 32.3 96.9

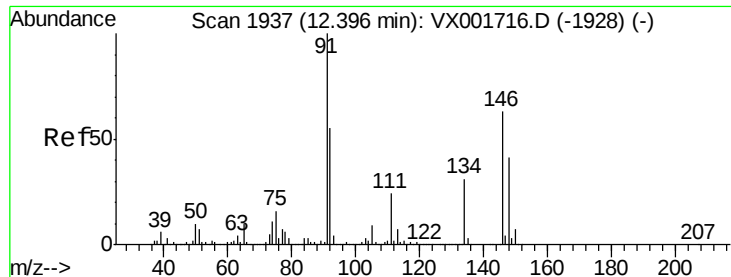


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

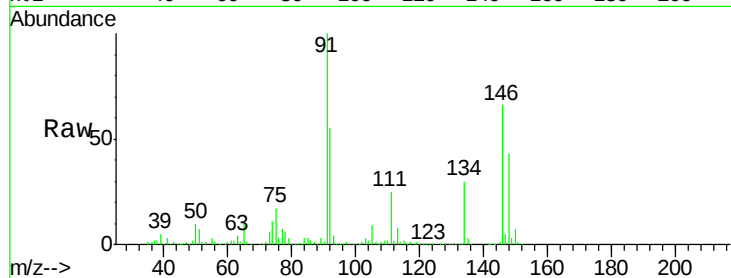
Tgt Ion: 91 Resp: 555936

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

134 29.4 14.7 44.1

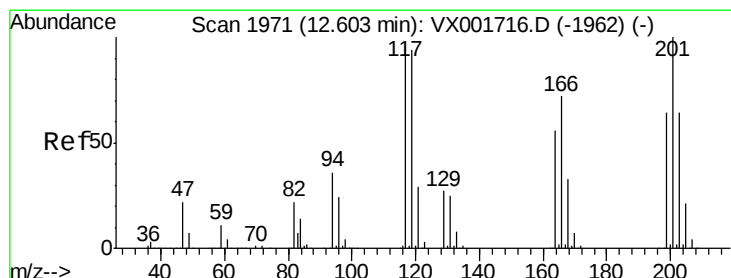
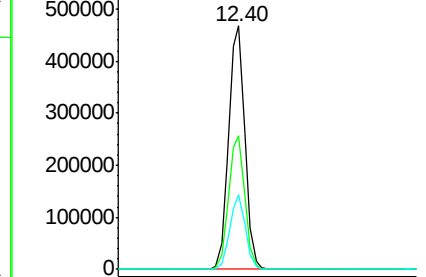
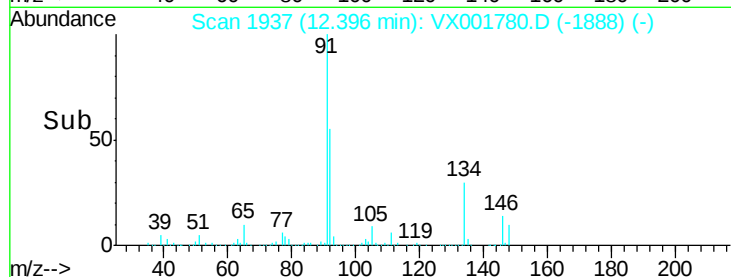


Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX001716.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX001716.D (-1928) (-)

Time-->



#90

Hexachloroethane

Concen: 55.14 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001780.D

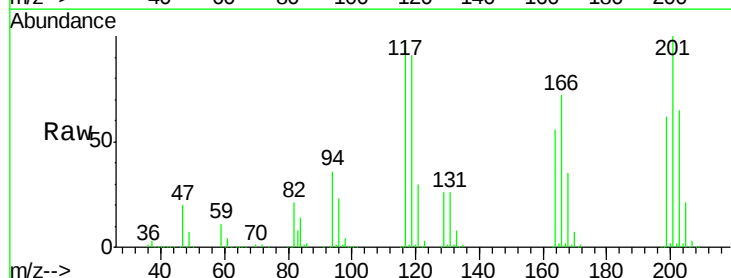
Acq: 16 May 2018 22:17

Tgt Ion: 117 Resp: 112969

Ion Ratio Lower Upper

117 100

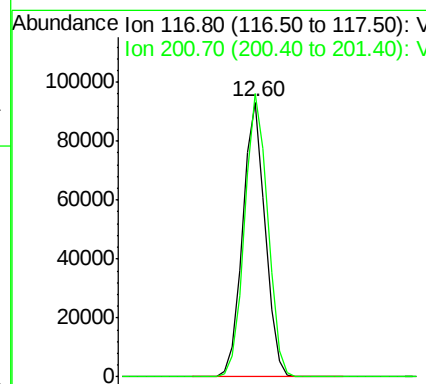
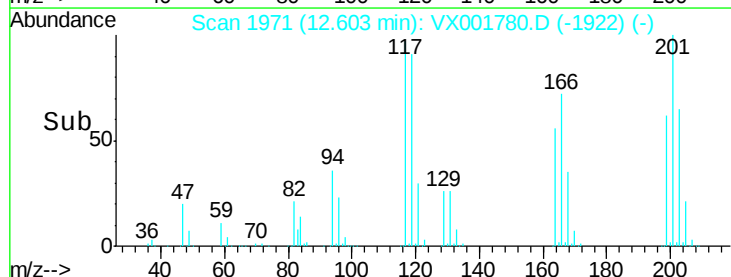
201 105.2 51.9 155.7

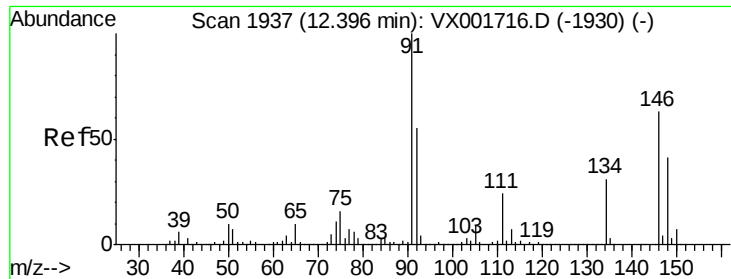


Abundance Ion 116.80 (116.50 to 117.50): VX001716.D (-1962) (-)

Ion 200.70 (200.40 to 201.40): VX001716.D (-1962) (-)

Time-->

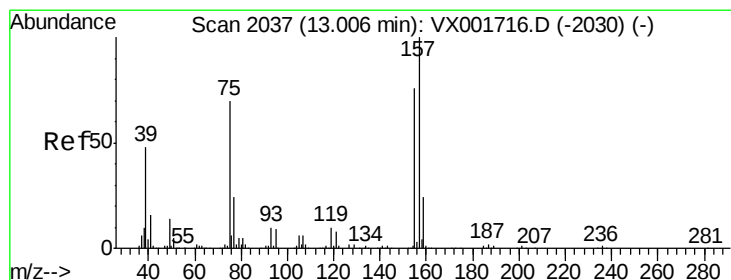
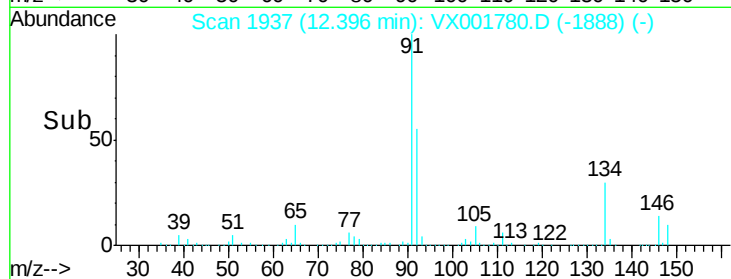
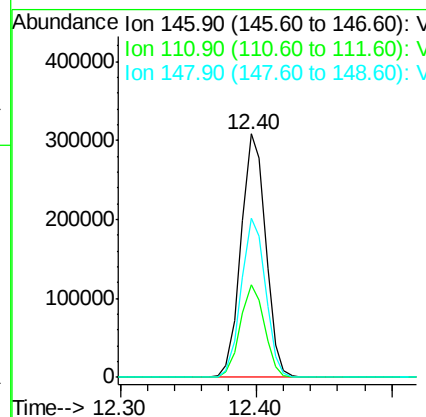
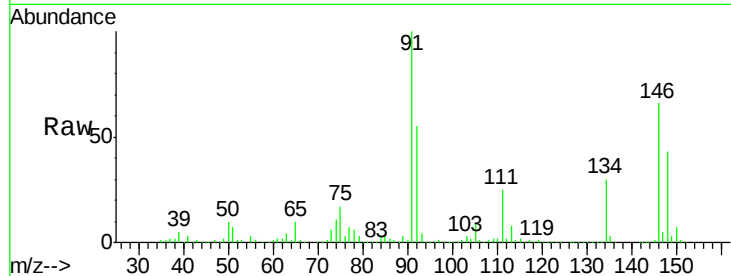




#91
 1,2-Dichlorobenzene
 Concen: 50.88 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

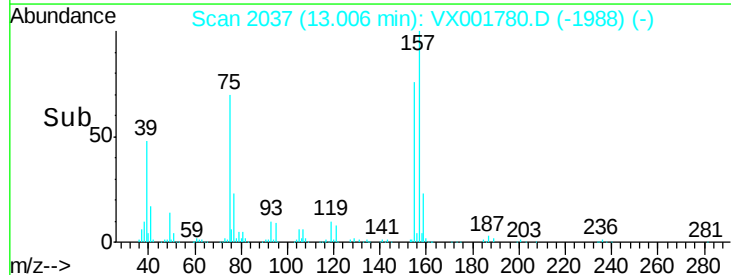
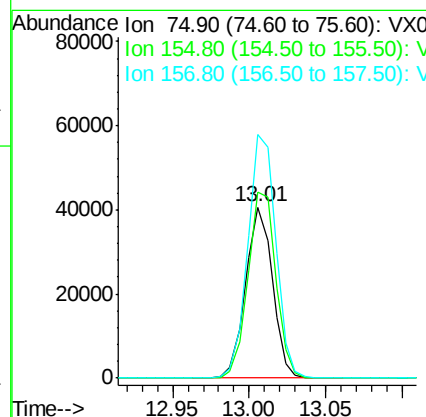
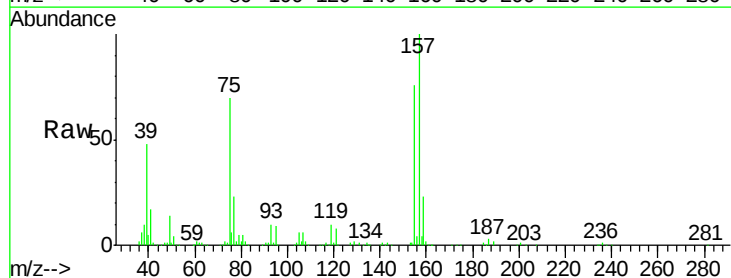
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

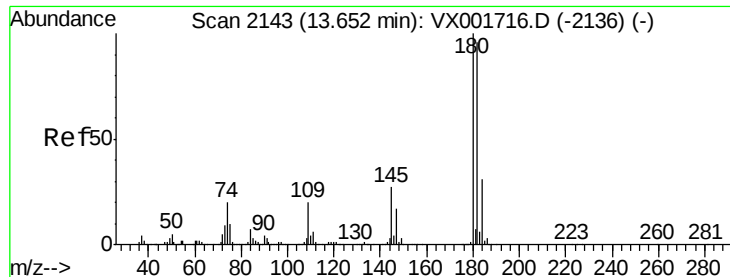
Tgt Ion:146 Resp: 389729
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.84 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion: 75 Resp: 49669
 Ion Ratio Lower Upper
 75 100
 155 113.0 53.9 161.8
 157 147.7 71.0 213.2

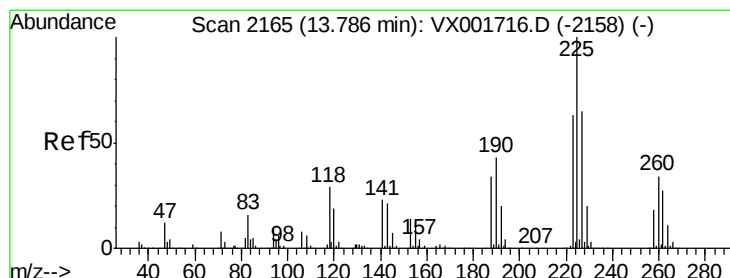
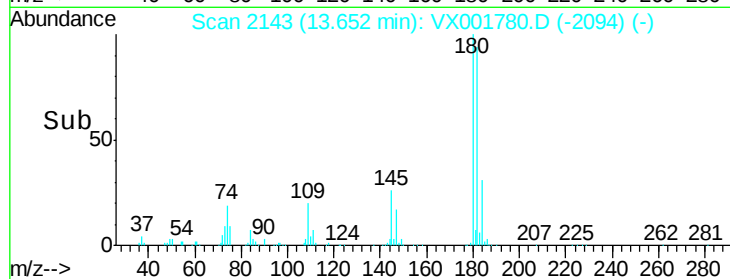
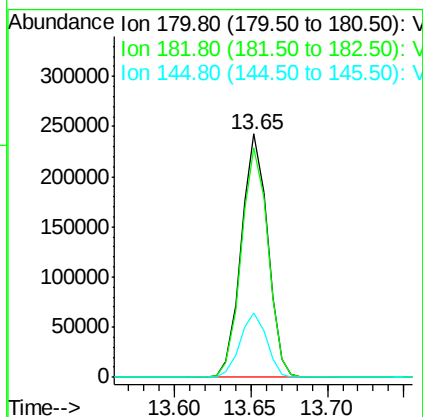
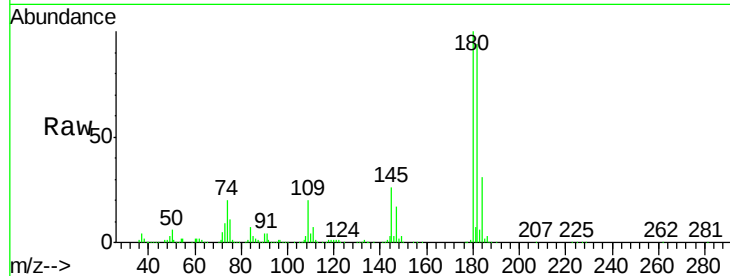




#93
 1,2,4-Trichlorobenzene
 Concen: 47.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

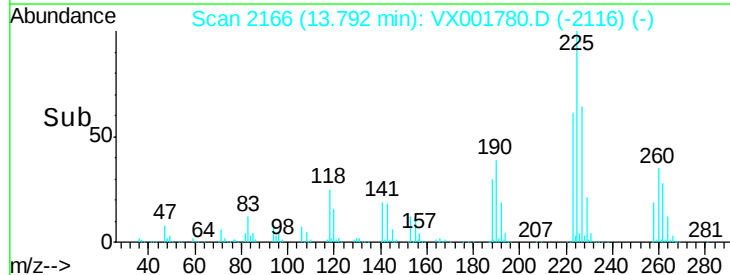
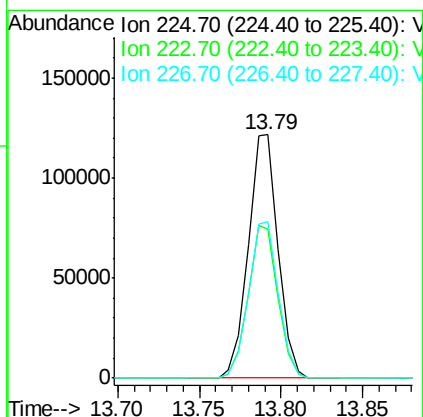
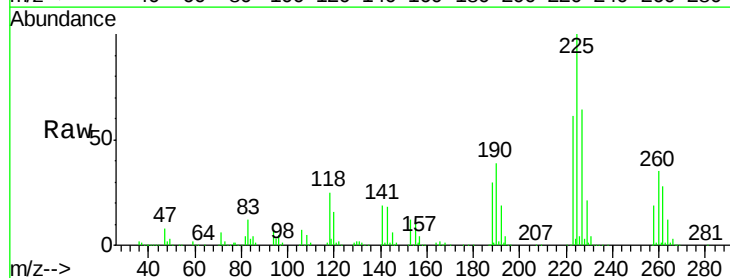
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

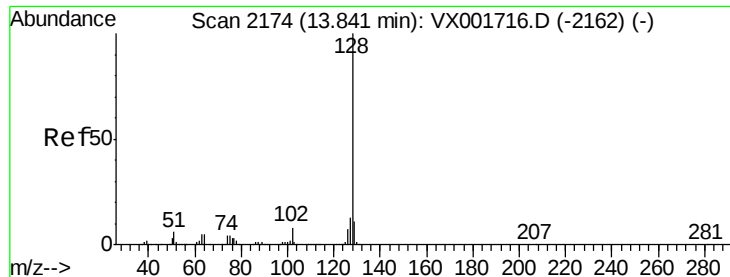
Tgt Ion:180 Resp: 290415
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 26.4 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 47.29 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001780.D
 Acq: 16 May 2018 22:17

Tgt Ion:225 Resp: 155000
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.3 31.9 95.5





#95

Naphthalene

Concen: 53.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

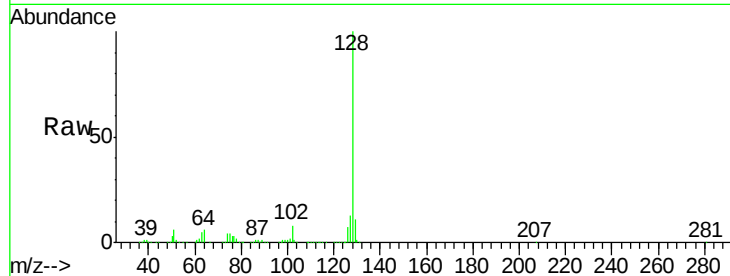
Tgt Ion:128 Resp: 843460

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

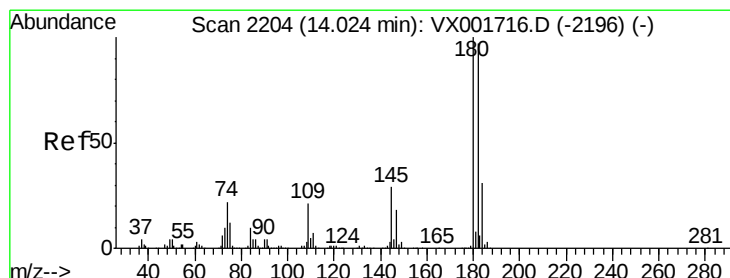
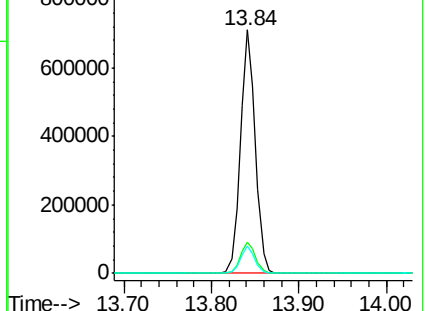
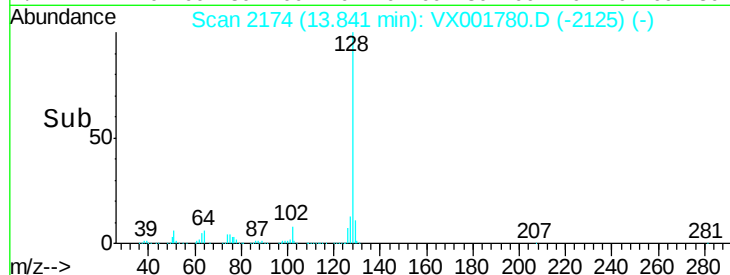
129 10.9 8.9 13.3



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: 49.56 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001780.D

Acq: 16 May 2018 22:17

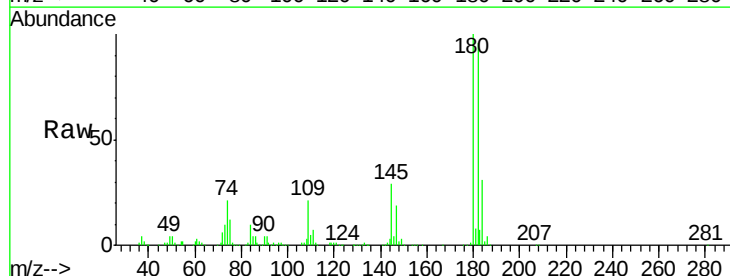
Tgt Ion:180 Resp: 304718

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 28.1 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

