

Data File : VX001758.D

Acq On : 15 May 2018 20:58

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 16 04:20:06 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	291758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199559	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.51	113	171191	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.72	98	629074	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	11.15	95	210733	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145130	49.57	ug/l	99
3) Chloromethane	1.32	50	162035	51.23	ug/l	99
4) Vinyl Chloride	1.40	62	174151	50.93	ug/l	99
5) Bromomethane	1.64	94	65325	45.08	ug/l	97
6) Chloroethane	1.71	64	116295	54.00	ug/l	99
7) Trichlorofluoromethane	1.92	101	247755	49.86	ug/l	98
8) Diethyl Ether	2.19	74	104818	51.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143973	48.13	ug/l	99
10) Methyl Iodide	2.51	142	183629	66.73	ug/l	99
11) Tert butyl alcohol	3.09	59	204961	295.21	ug/l	99
12) 1,1-Dichloroethene	2.37	96	142703	49.49	ug/l	99
13) Acrolein	2.30	56	133413	270.93	ug/l	99
14) Allyl chloride	2.73	41	274013	51.41	ug/l	97
15) Acrylonitrile	3.15	53	484985	278.11	ug/l	100
16) Acetone	2.45	43	412254	268.40	ug/l	99
17) Carbon Disulfide	2.57	76	356590	47.40	ug/l	100
18) Methyl Acetate	2.78	43	259340	57.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	503887	51.84	ug/l	99
20) Methylene Chloride	2.85	84	165622	50.37	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	154287	48.57	ug/l	97
22) Diisopropyl ether	3.88	45	533701	52.19	ug/l	99
23) Vinyl Acetate	3.83	43	1812414	246.01	ug/l	100
24) 1,1-Dichloroethane	3.70	63	289370	51.60	ug/l	100
25) 2-Butanone	4.72	43	669037	284.50	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173647	38.46	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	180286	49.87	ug/l	99
28) Bromochloromethane	5.03	49	138068	55.43	ug/l	99
29) Tetrahydrofuran	5.18	42	438757	286.23	ug/l	100
30) Chloroform	5.22	83	304246	51.65	ug/l	99
31) Cyclohexane	5.57	56	244919	49.83	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	265415	52.14	ug/l	99
36) 1,1-Dichloropropene	5.81	75	215027	48.18	ug/l	100
37) Ethyl Acetate	4.88	43	252711	54.34	ug/l	99
38) Carbon Tetrachloride	5.79	117	237350	50.77	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 16 04:20:06 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)
39) Methylcyclohexane	7.46	83	251804	48.29	ug/l	99
40) Benzene	6.15	78	674459	51.29	ug/l	99
41) Methacrylonitrile	5.07	41	144685	53.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	243786	51.26	ug/l	100
43) Isopropyl Acetate	6.48	43	389497	53.51	ug/l	99
44) Trichloroethene	7.22	130	203807	49.94	ug/l	99
45) 1,2-Dichloropropane	7.52	63	167097	51.79	ug/l	100
46) Dibromomethane	7.67	93	116147	51.27	ug/l	98
47) Bromodichloromethane	7.91	83	226870	53.96	ug/l	95
48) Methyl methacrylate	7.79	41	210730	55.00	ug/l	99
49) 1,4-Dioxane	7.77	88	94621	1282.60	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1338554	290.16	ug/l	100
52) Toluene	8.79	92	441185	52.22	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	256110	51.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	212904	48.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	166811	51.65	ug/l	99
56) Ethyl methacrylate	9.19	69	245161	53.53	ug/l	99
57) 1,3-Dichloropropane	9.38	76	274791	50.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	640400	271.82	ug/l	100
59) 2-Hexanone	9.51	43	950809	287.93	ug/l	99
60) Dibromochloromethane	9.59	129	180278	54.51	ug/l	99
61) 1,2-Dibromoethane	9.68	107	176579	52.23	ug/l	100
64) Tetrachloroethene	9.34	164	238225	53.94	ug/l	100
65) Chlorobenzene	10.15	112	460249	49.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174599	52.98	ug/l	99
67) Ethyl Benzene	10.26	91	756905	50.75	ug/l	99
68) m/p-Xylenes	10.37	106	604454	102.73	ug/l	100
69) o-Xylene	10.71	106	295071	52.36	ug/l	100
70) Styrene	10.72	104	489622	52.68	ug/l	100
71) Bromoform	10.87	173	149234	48.73	ug/l	99
73) Isopropylbenzene	11.02	105	780869	54.35	ug/l	100
74) N-amyl acetate	6.48	43	389497	56.55	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	235926	54.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	274064	66.07	ug/l	90
77) Bromobenzene	11.26	156	222664	52.75	ug/l	99
78) n-propylbenzene	11.37	91	847782	52.38	ug/l	100
79) 2-Chlorotoluene	11.43	91	514839	53.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643589	54.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62787	45.43	ug/l	99
82) 4-Chlorotoluene	11.52	91	586119	51.40	ug/l	99
83) tert-Butylbenzene	11.77	119	639847	54.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	666231	54.59	ug/l	100
85) sec-Butylbenzene	11.95	105	768559	53.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	704050	52.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392847	50.32	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	393558	48.75	ug/l	100
89) n-Butylbenzene	12.40	91	564157	48.69	ug/l	100
90) Hexachloroethane	12.60	117	113477	54.54	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	401632	51.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54213	58.94	ug/l	98

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

Data File : VX001758.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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VSTDCCC050EC

Quant Time: May 16 04:20:06 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

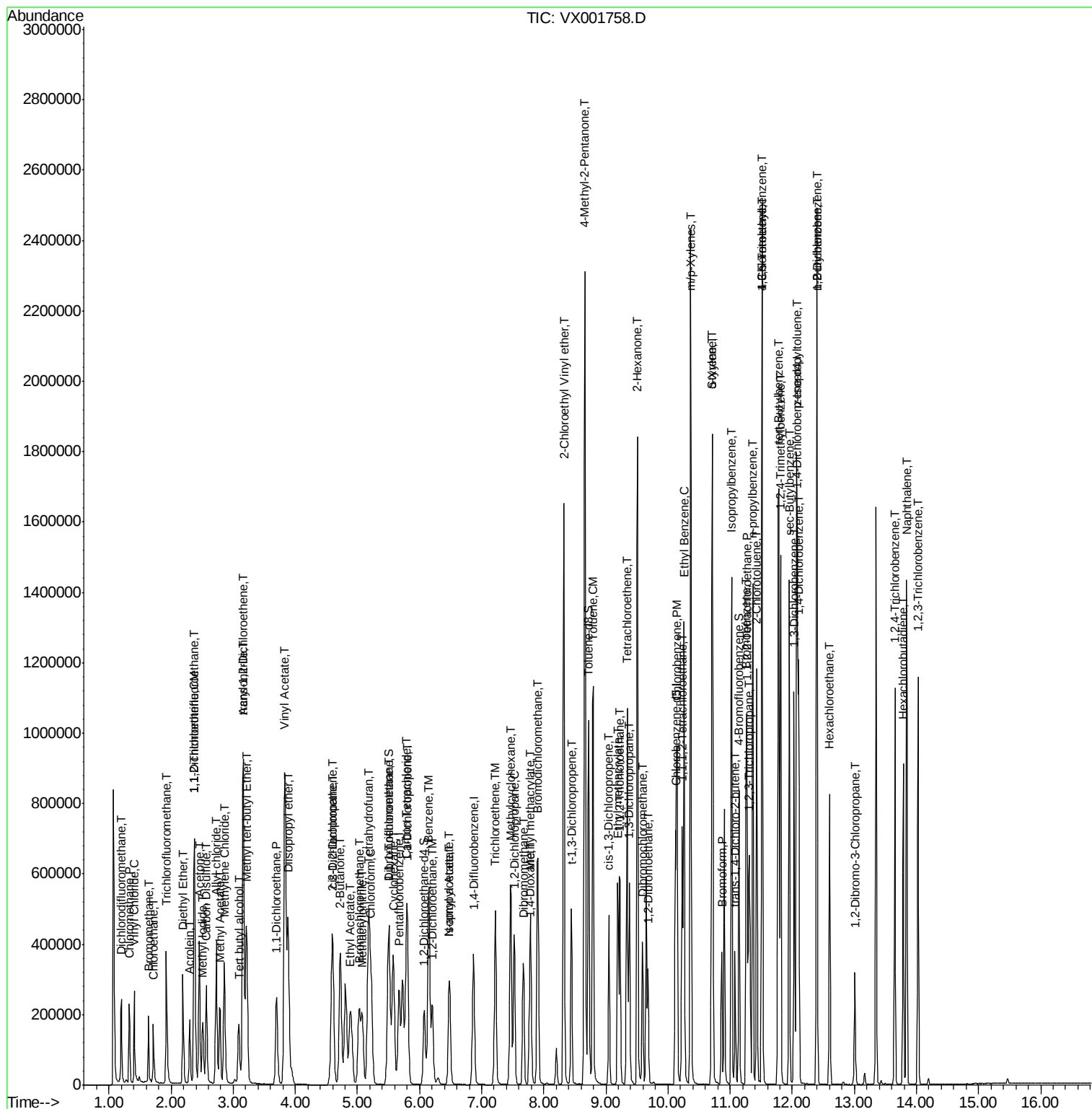
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	298536	48.15	ug/l	100
94) Hexachlorobutadiene	13.79	225	154053	46.28	ug/l	99
95) Naphthalene	13.84	128	894651	55.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315747	50.57	ug/l	100

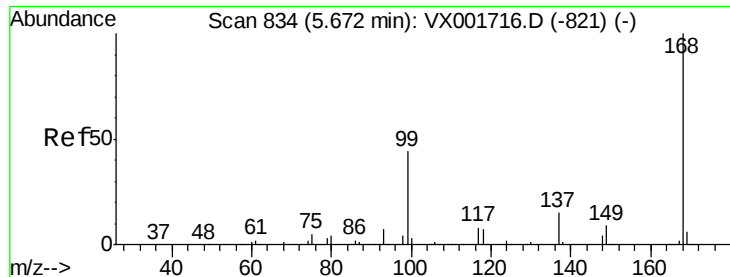
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 25 Sample Multiplier: 1

VSTDC050EC

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

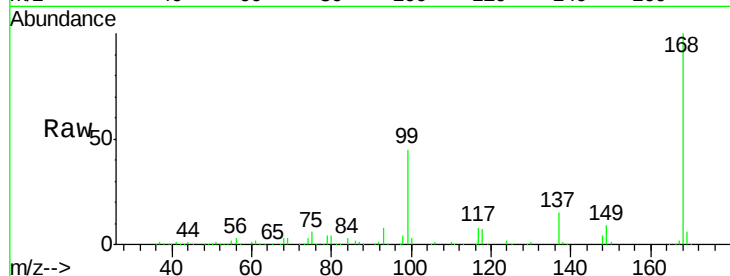
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 168 Resp: 291758

Ion Ratio Lower Upper

168 100

99 44.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

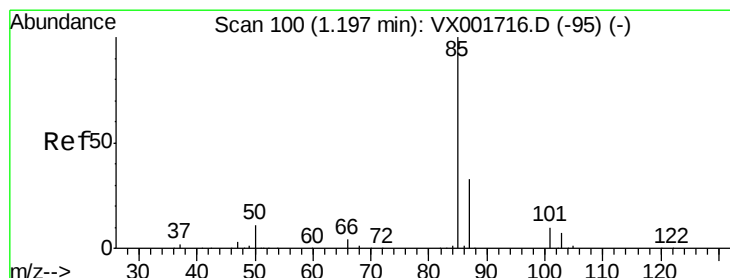
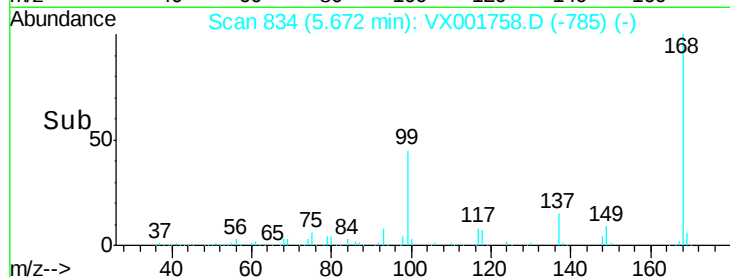
0

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.57 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001758.D

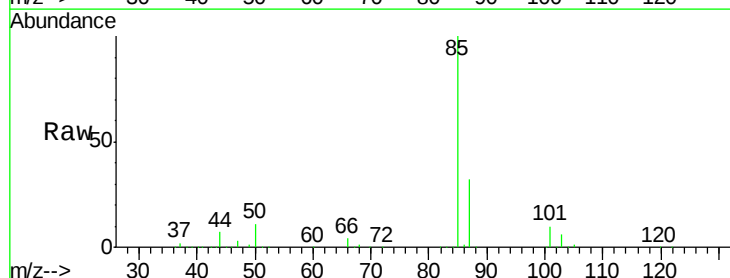
Acq: 15 May 2018 20:58

Tgt Ion: 85 Resp: 145130

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

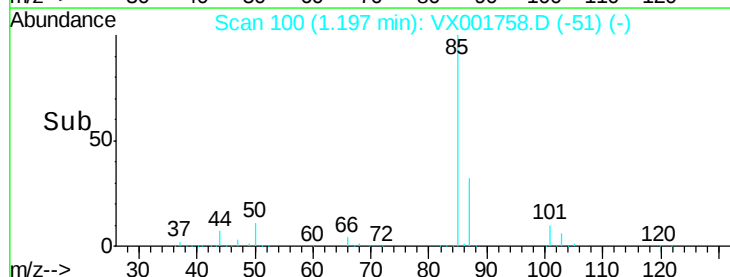
1.15

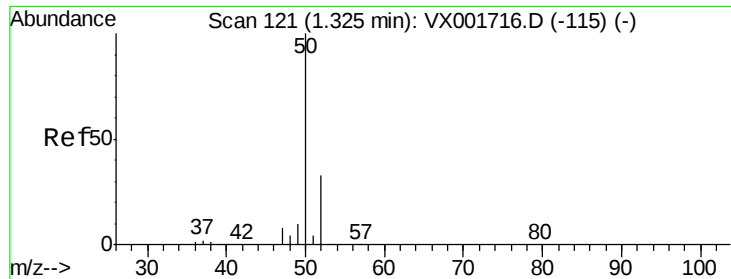
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 51.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

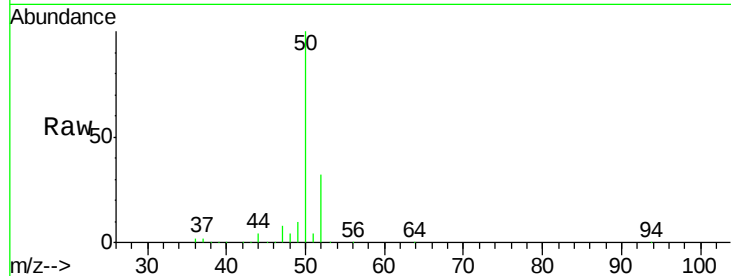
VSTDCCC050EC

Tgt Ion: 50 Resp: 162035

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

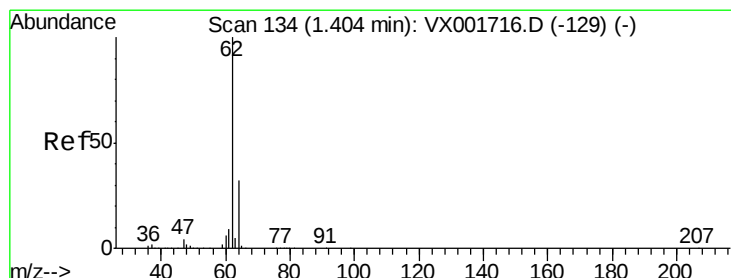
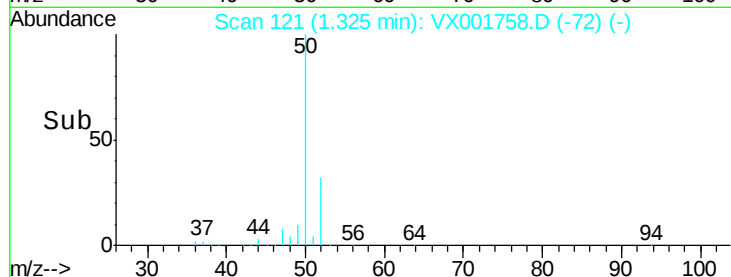
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001758.D

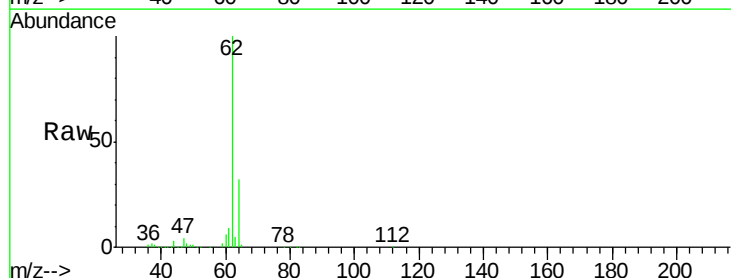
Acq: 15 May 2018 20:58

Tgt Ion: 62 Resp: 174151

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

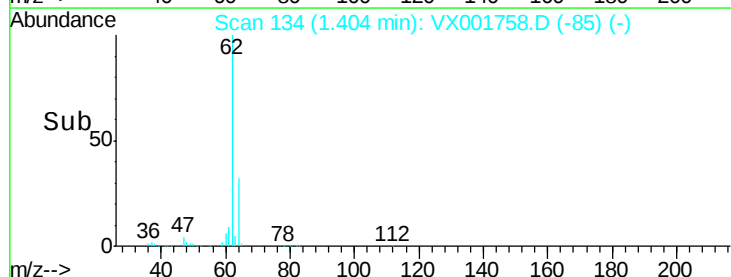
150000

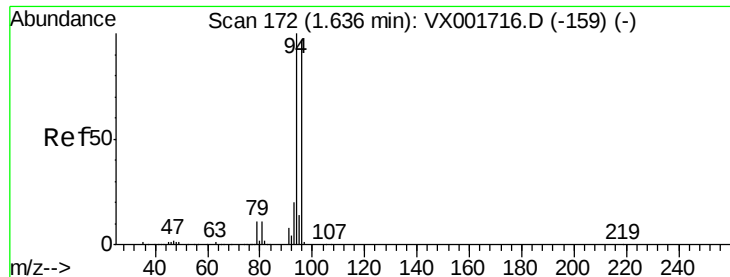
100000

50000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 45.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

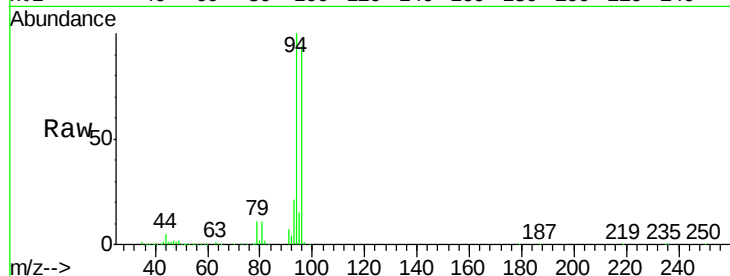
VSTDCCC050EC

Tgt Ion: 94 Resp: 65325

Ion Ratio Lower Upper

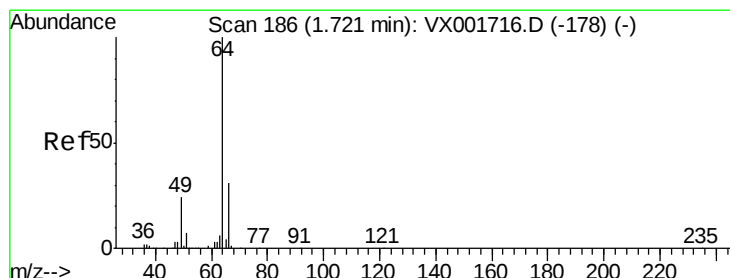
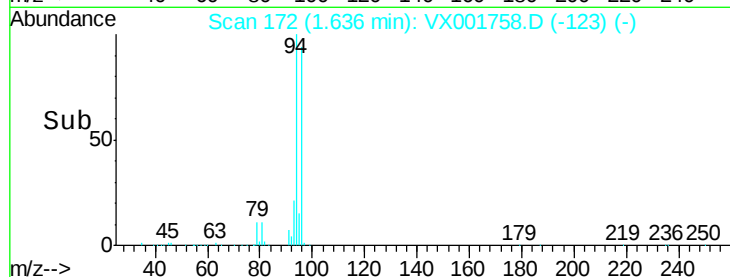
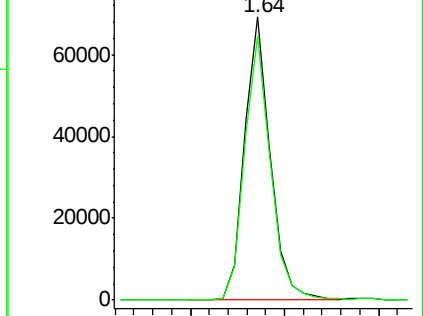
94 100

96 93.6 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: 54.00 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001758.D

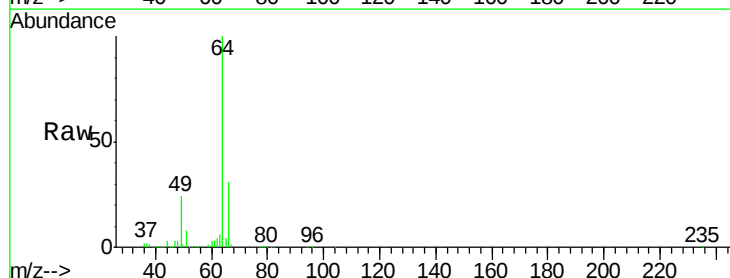
Acq: 15 May 2018 20:58

Tgt Ion: 64 Resp: 116295

Ion Ratio Lower Upper

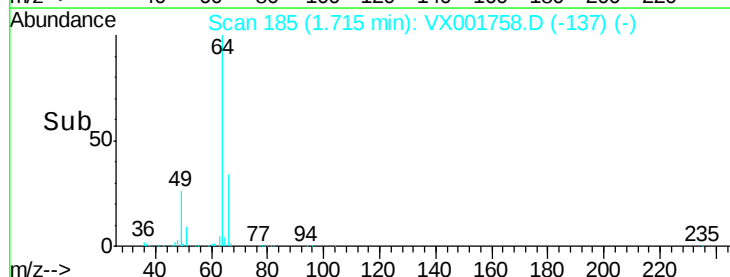
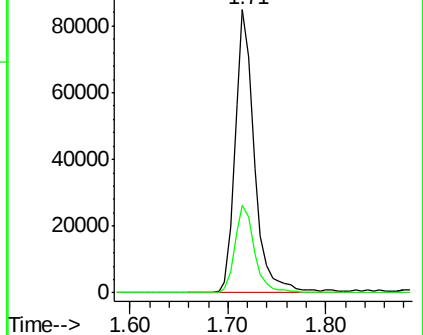
64 100

66 31.1 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: 49.86 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

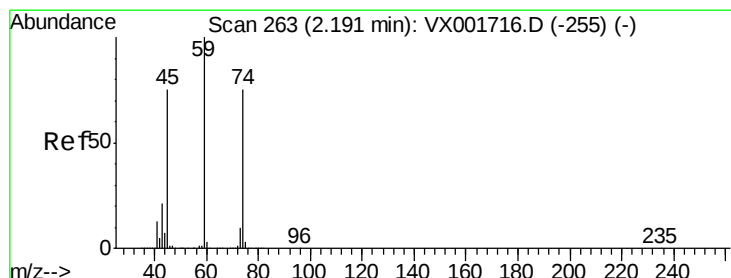
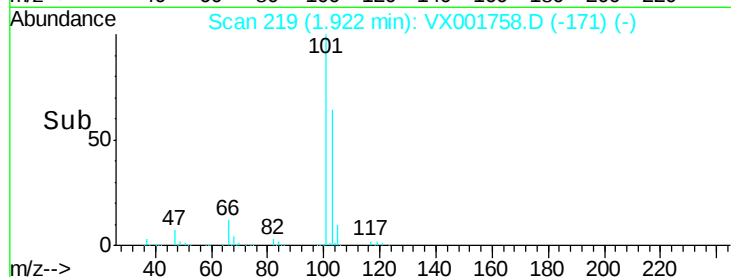
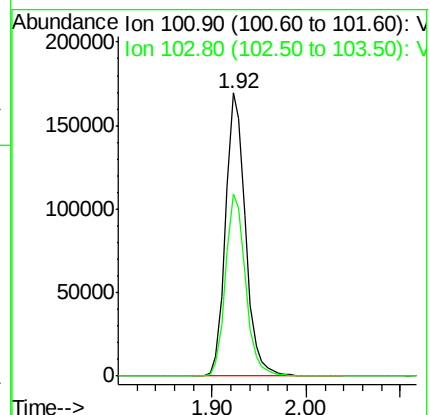
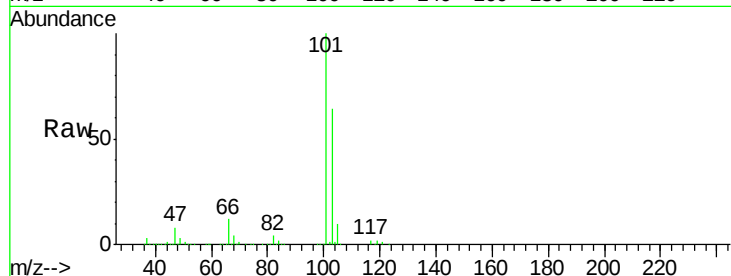
VSTDCCC050EC

Tgt Ion:101 Resp: 247755

Ion Ratio Lower Upper

101 100

103 64.3 52.6 78.8



#8

Diethyl Ether

Concen: 51.25 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001758.D

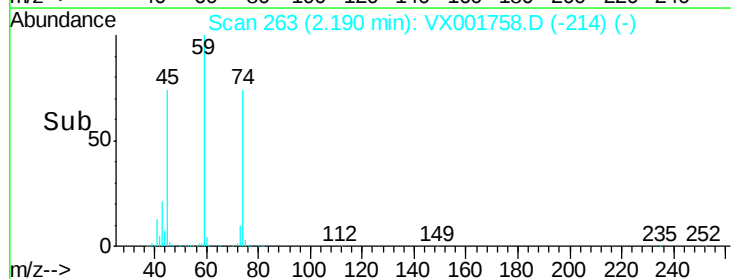
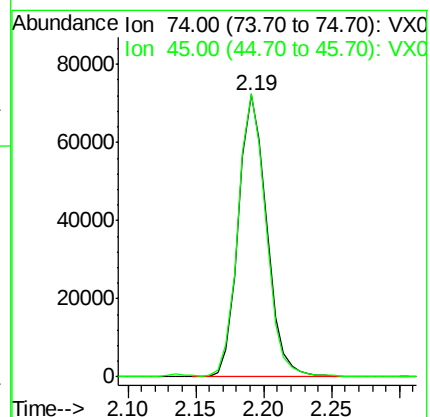
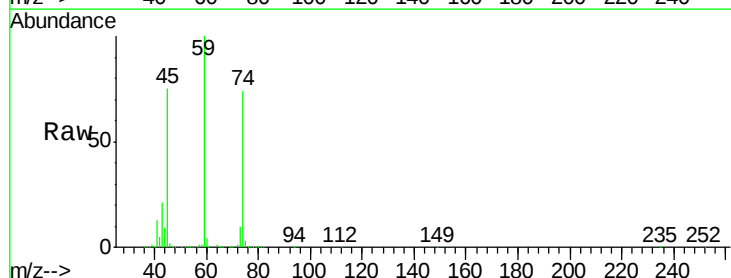
Acq: 15 May 2018 20:58

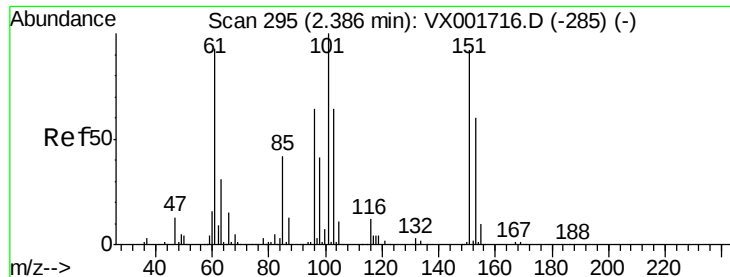
Tgt Ion: 74 Resp: 104818

Ion Ratio Lower Upper

74 100

45 98.4 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.13 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

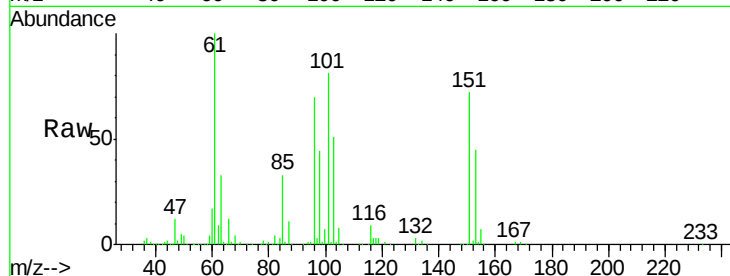
Tgt Ion:101 Resp: 143973

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

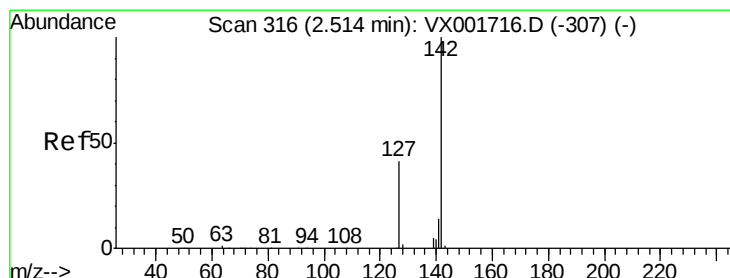
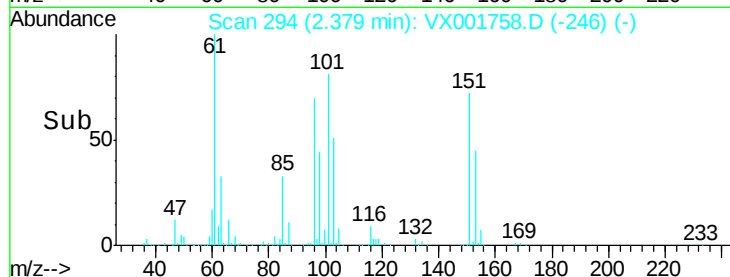
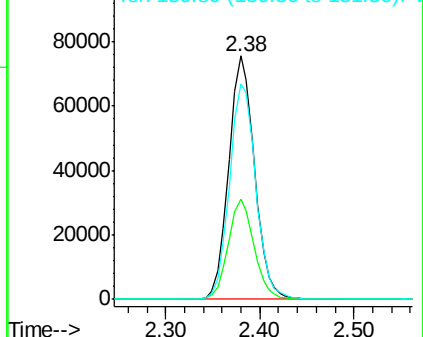
151 90.3 73.0 109.6



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: 66.73 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

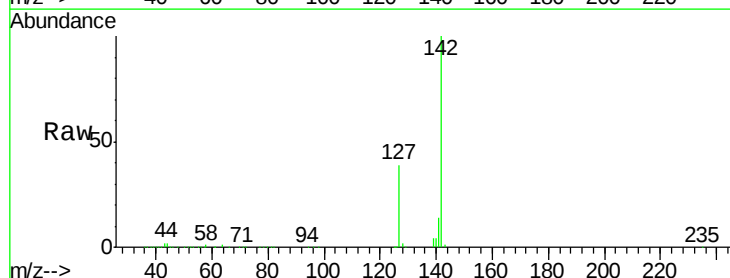
Tgt Ion:142 Resp: 183629

Ion Ratio Lower Upper

142 100

127 39.8 32.5 48.7

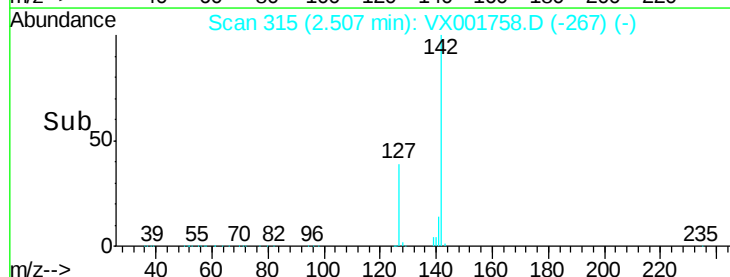
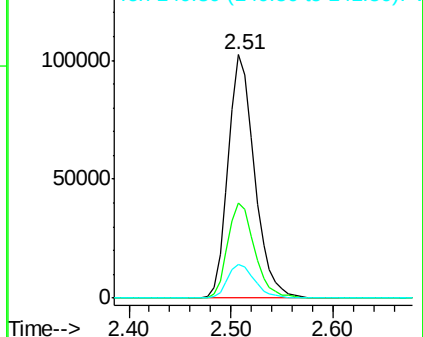
141 14.2 11.4 17.0

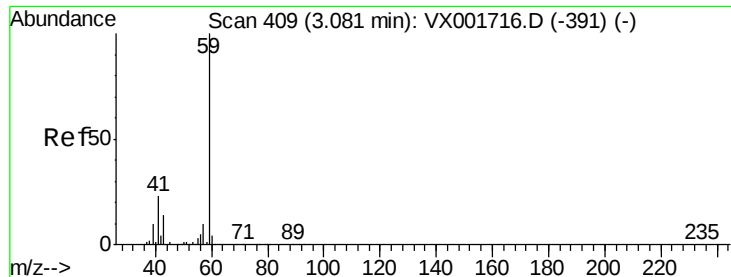


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

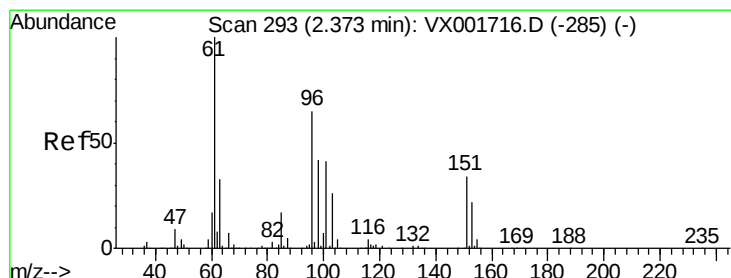
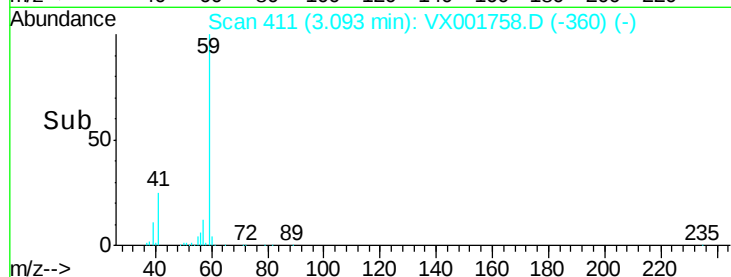
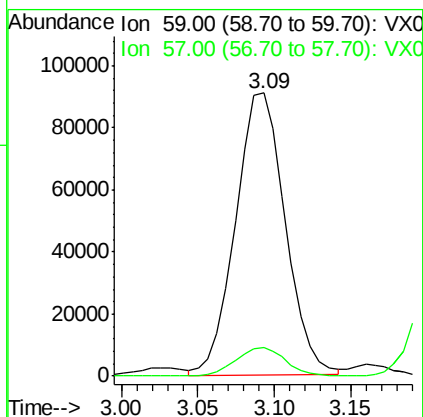
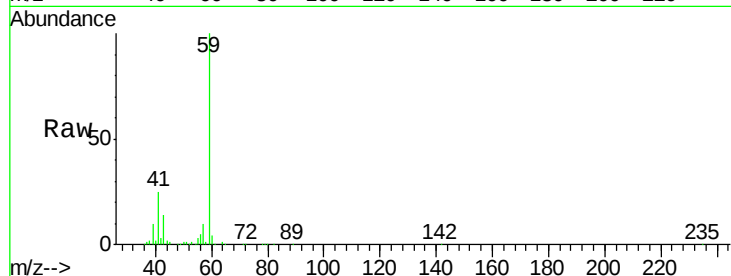




#11
Tert butyl alcohol
Concen: 295.21 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

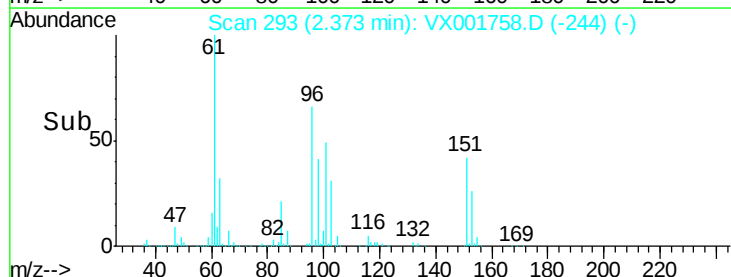
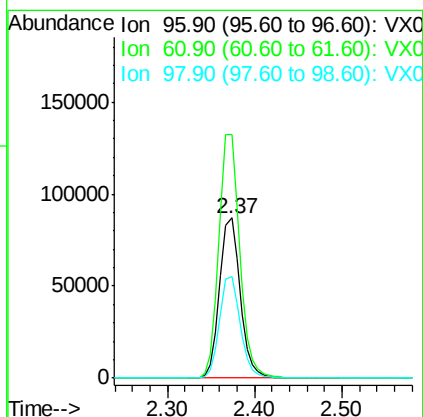
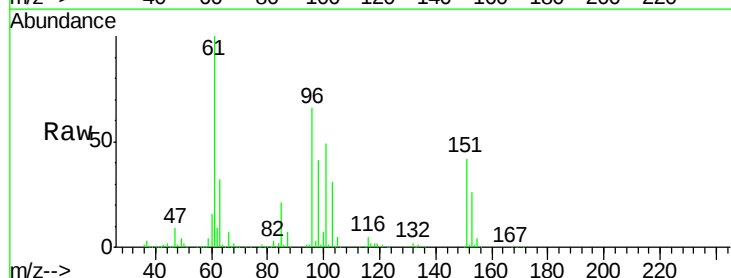
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

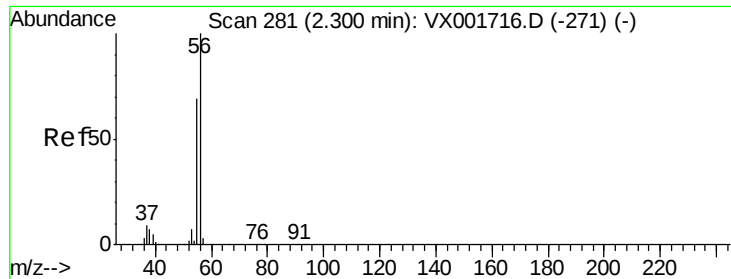
Tgt Ion: 59 Resp: 204961
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.49 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 96 Resp: 142703
Ion Ratio Lower Upper
96 100
61 152.3 122.2 183.2
98 63.1 51.4 77.0

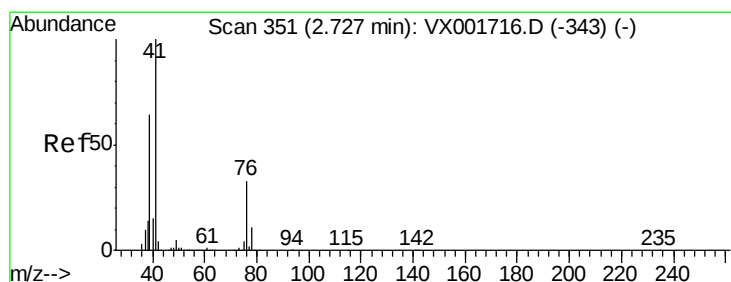
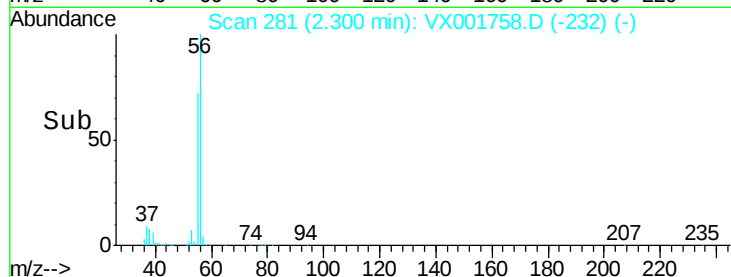
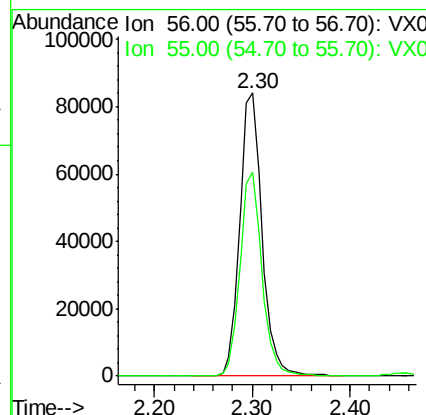
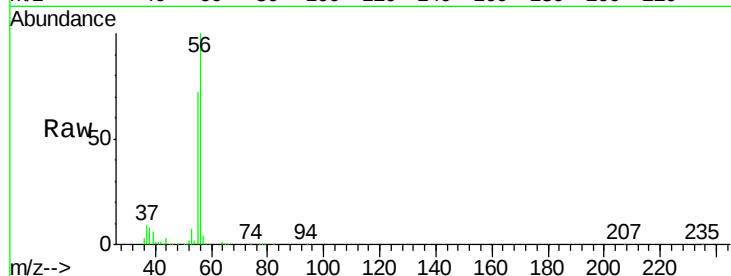




#13
 Acrolein
 Concen: 270.93 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

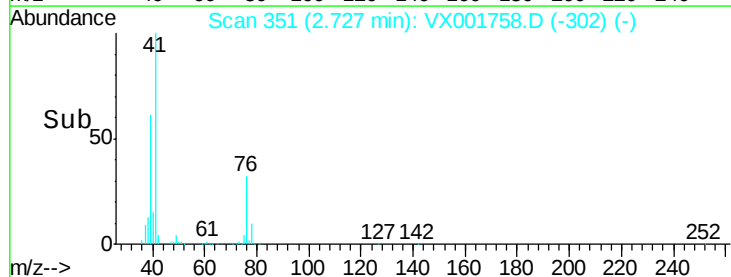
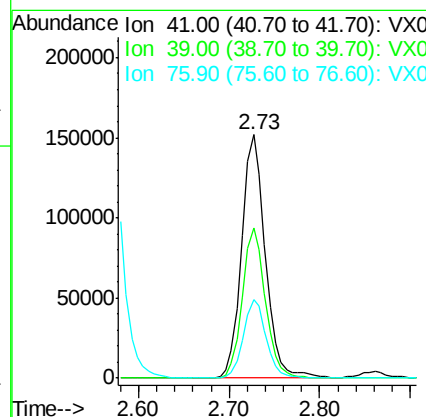
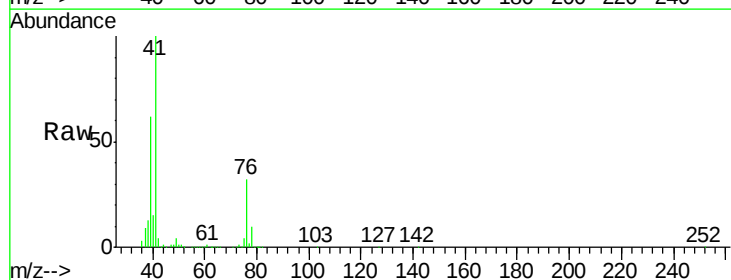
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

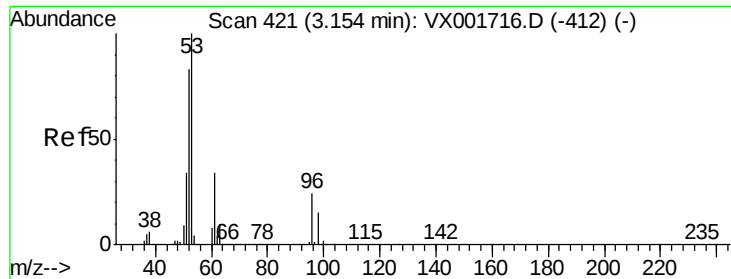
Tgt Ion: 56 Resp: 133413
 Ion Ratio Lower Upper
 56 100
 55 71.1 56.2 84.2



#14
 Allyl chloride
 Concen: 51.41 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 41 Resp: 274013
 Ion Ratio Lower Upper
 41 100
 39 60.1 49.8 74.6
 76 31.0 25.8 38.8





#15

Acrylonitrile

Concen: 278.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

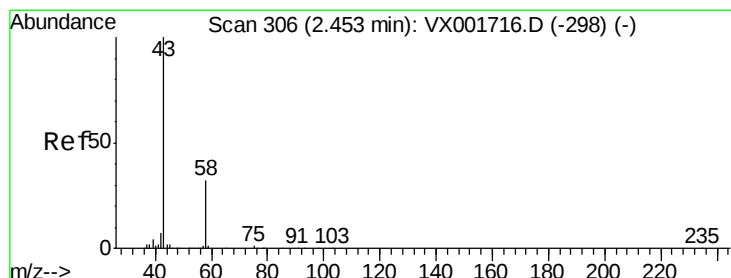
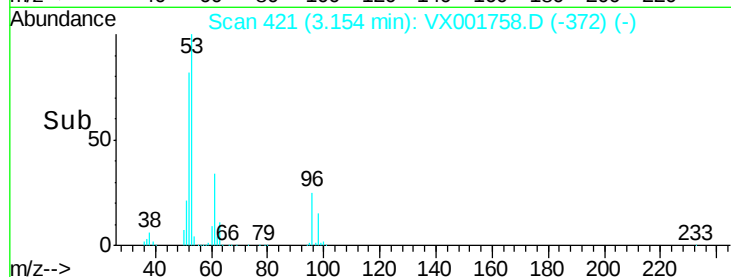
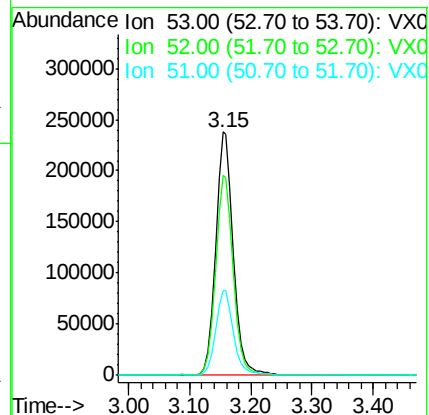
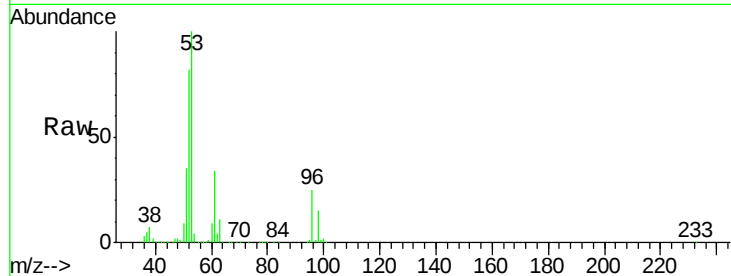
Tgt Ion: 53 Resp: 484985

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

51 35.4 28.1 42.1



#16

Acetone

Concen: 268.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001758.D

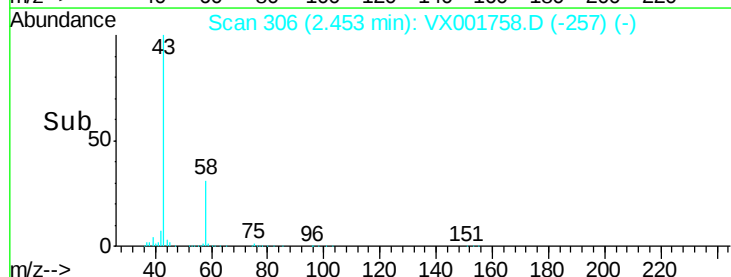
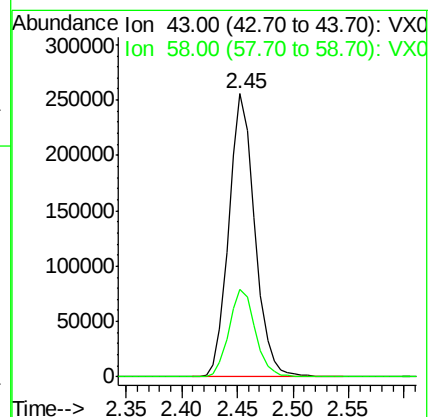
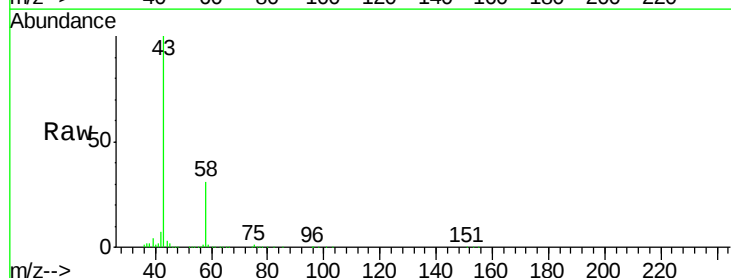
Acq: 15 May 2018 20:58

Tgt Ion: 43 Resp: 412254

Ion Ratio Lower Upper

43 100

58 30.9 25.3 37.9

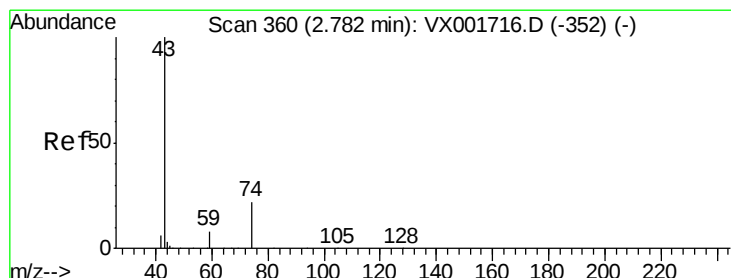
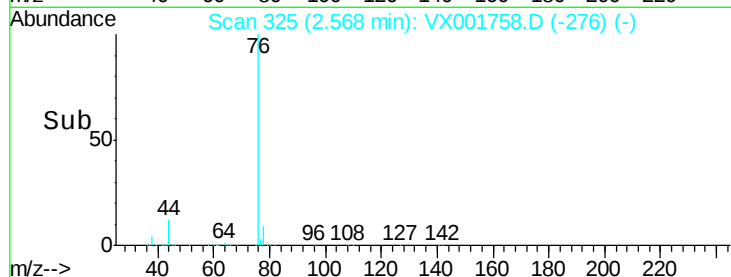
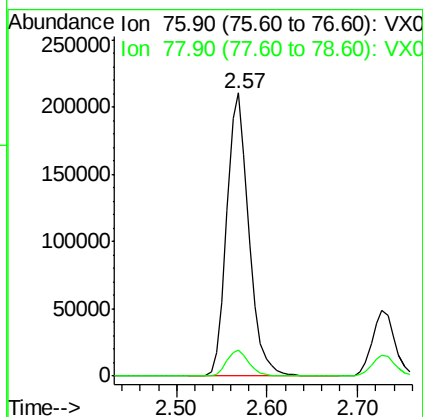
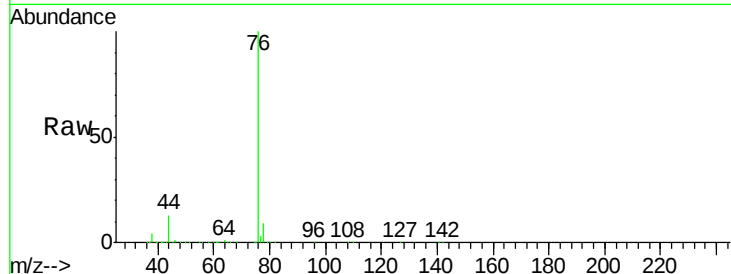




#17
Carbon Disulfide
Concen: 47.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

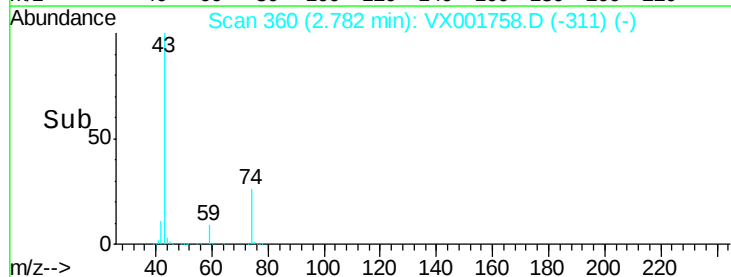
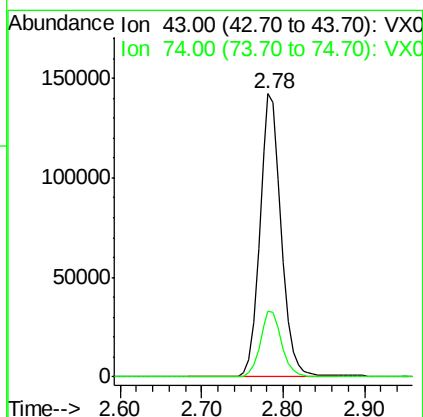
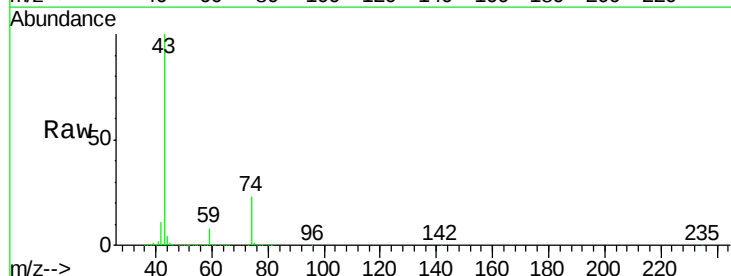
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

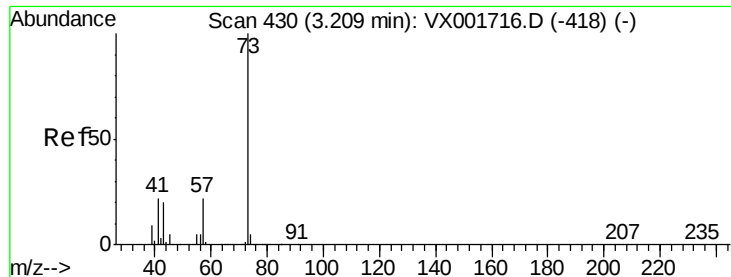
Tgt Ion: 76 Resp: 356590
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 57.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 43 Resp: 259340
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

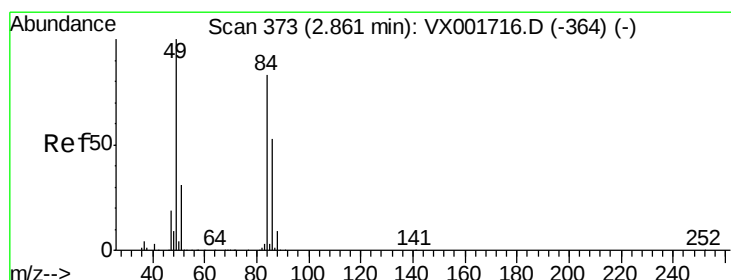
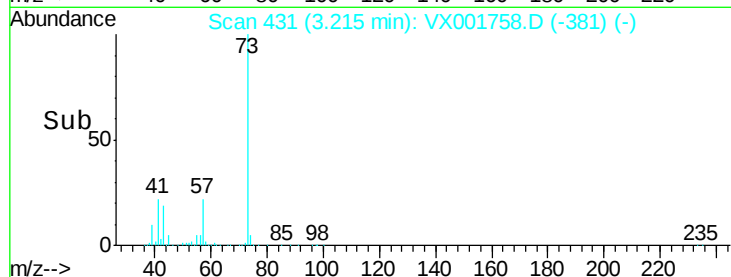
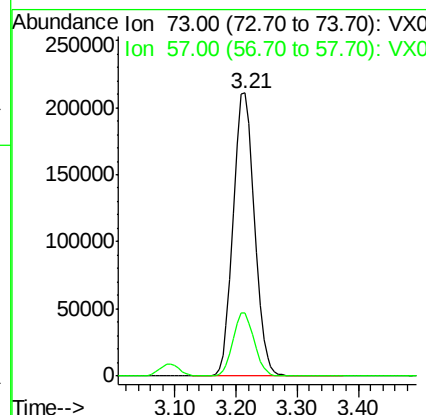
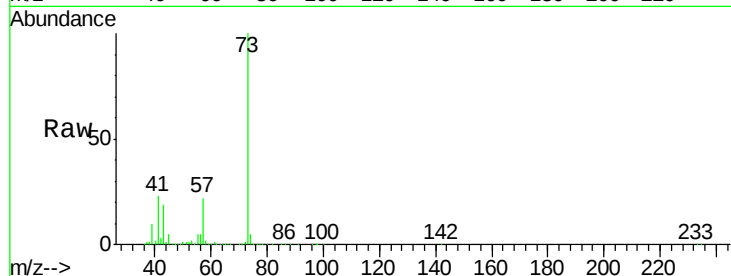




#19
Methyl tert-butyl Ether
Concen: 51.84 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

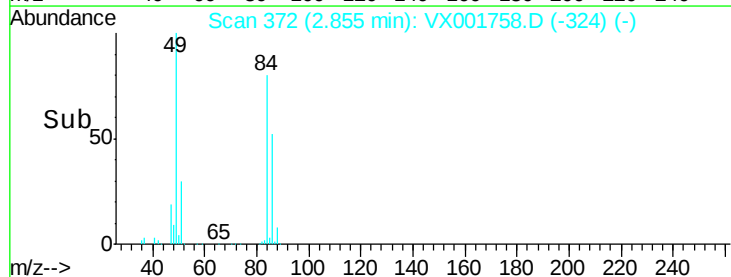
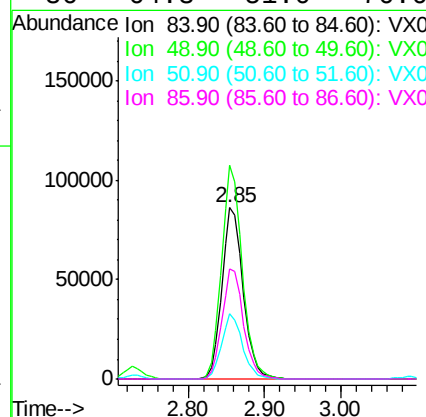
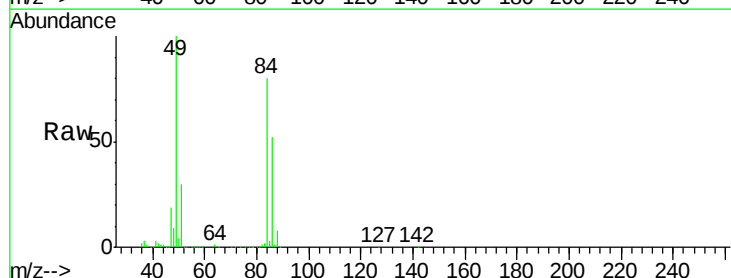
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

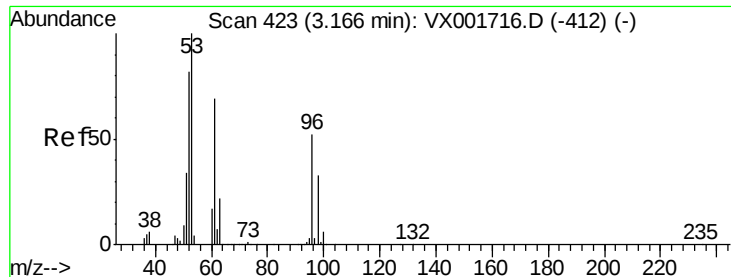
Tgt Ion: 73 Resp: 503887
Ion Ratio Lower Upper
73 100
57 22.3 17.5 26.3



#20
Methylene Chloride
Concen: 50.37 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 84 Resp: 165622
Ion Ratio Lower Upper
84 100
49 124.8 96.3 144.5
51 37.9 29.8 44.6
86 64.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

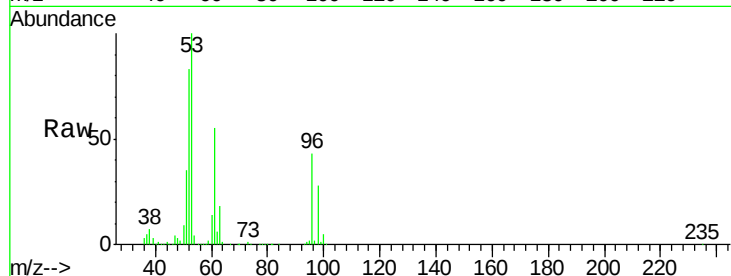
Tgt Ion: 96 Resp: 154287

Ion Ratio Lower Upper

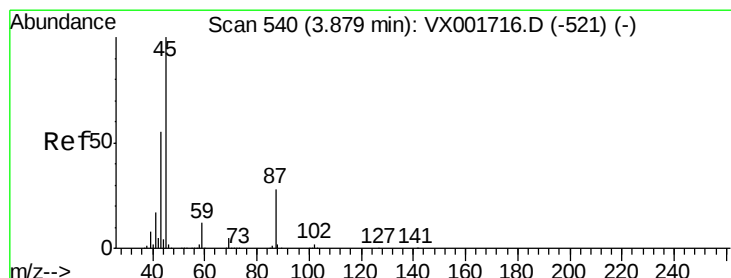
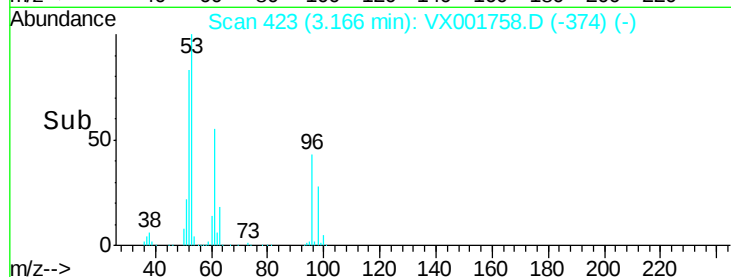
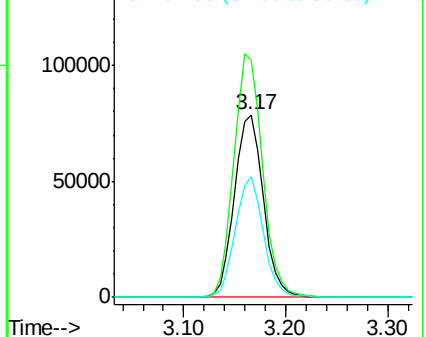
96 100

61 130.0 105.8 158.8

98 66.2 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: 52.19 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Tgt Ion: 45 Resp: 533701

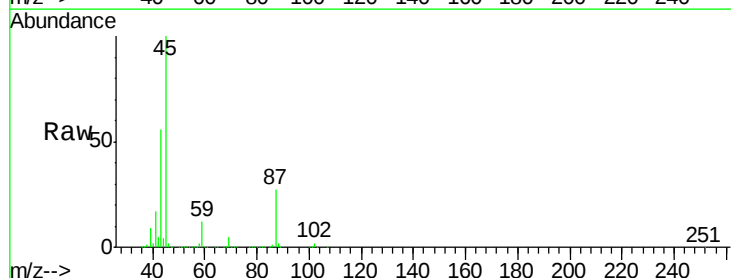
Ion Ratio Lower Upper

45 100

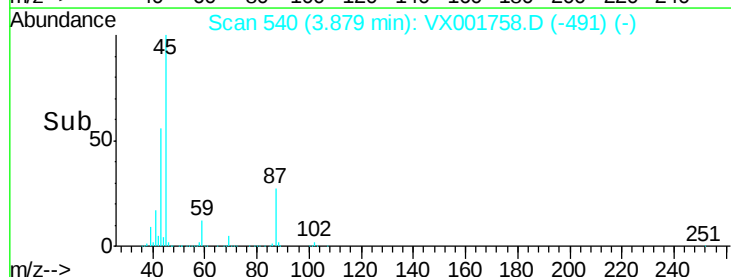
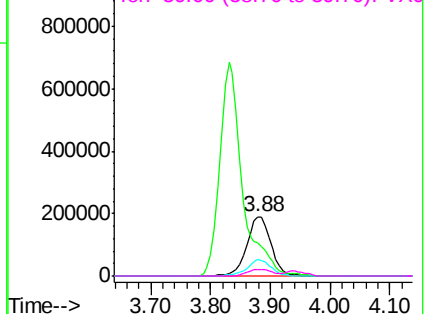
43 56.0 44.3 66.5

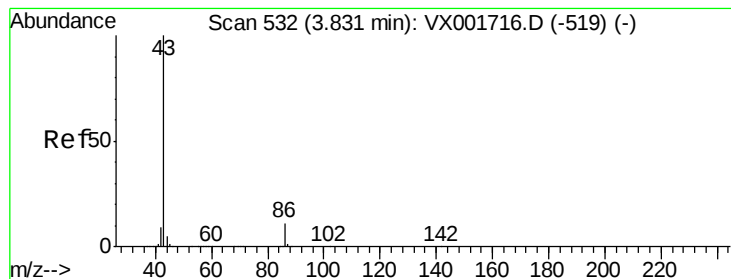
87 27.4 22.6 33.8

59 11.5 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: 246.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

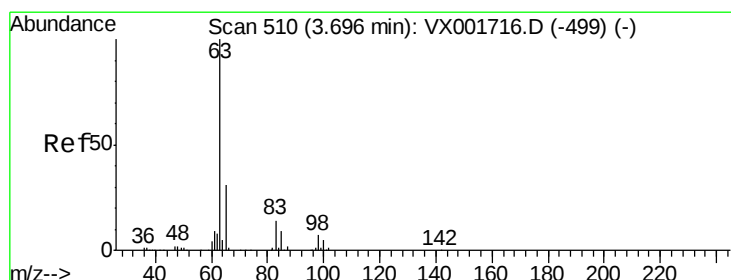
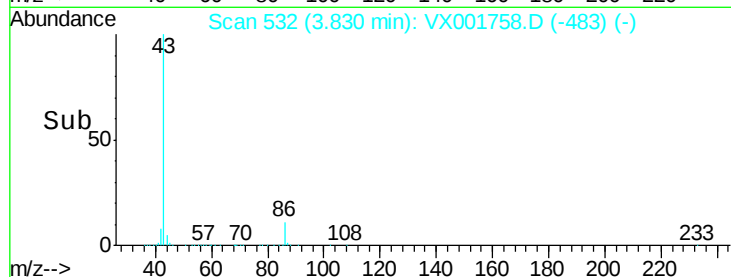
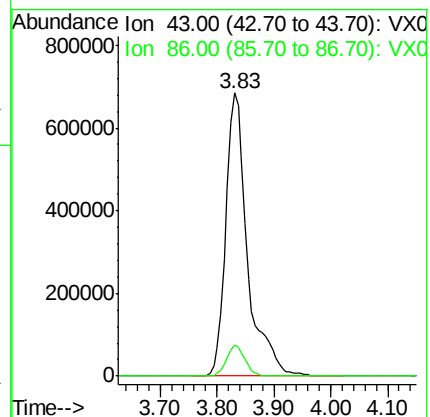
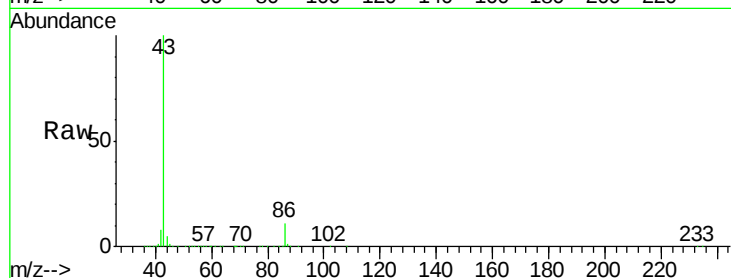
VSTDCCC050EC

Tgt Ion: 43 Resp: 1812414

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 51.60 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

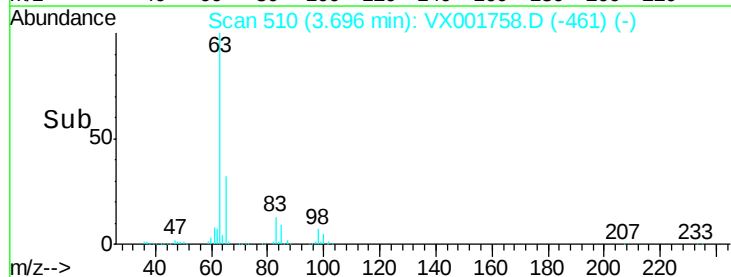
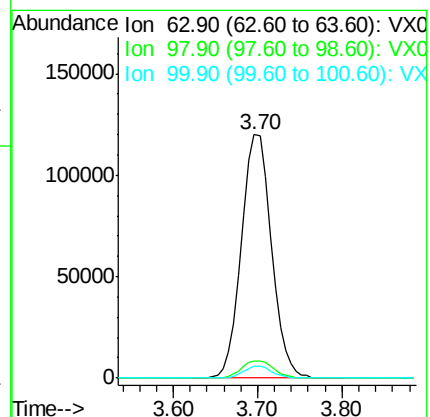
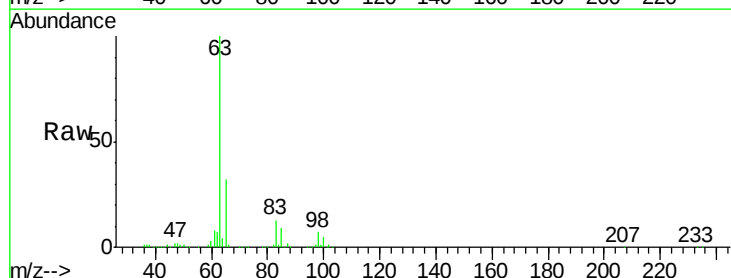
Tgt Ion: 63 Resp: 289370

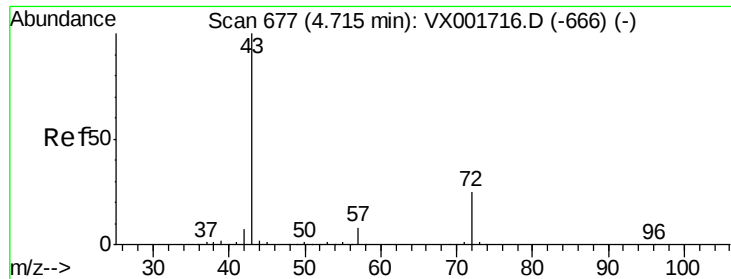
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 284.50 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

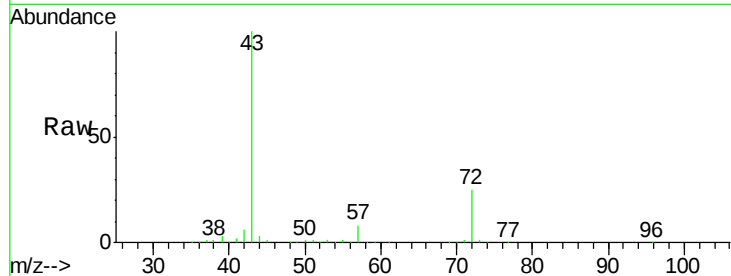
VSTDCCC050EC

Tgt Ion: 43 Resp: 669037

Ion Ratio Lower Upper

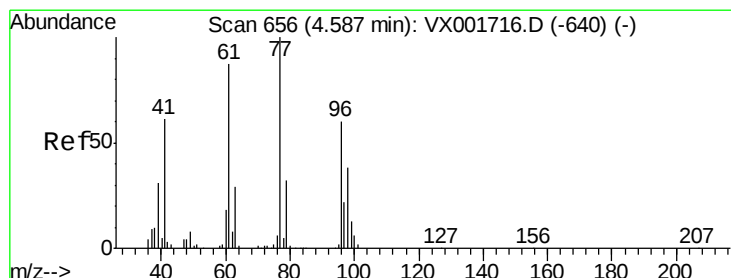
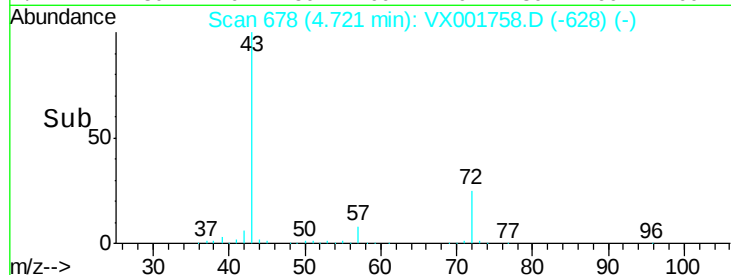
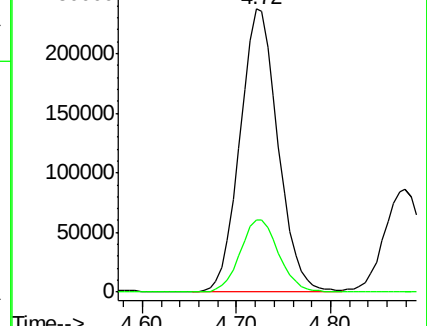
43 100

72 25.4 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: 38.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001758.D

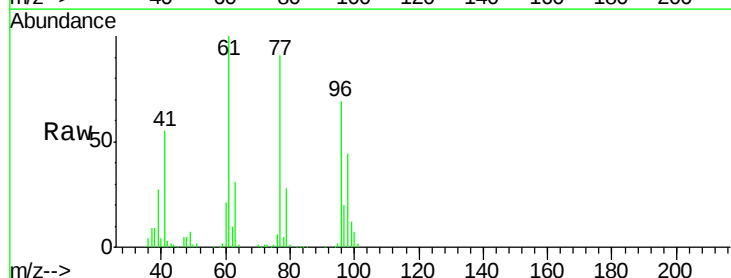
Acq: 15 May 2018 20:58

Tgt Ion: 77 Resp: 173647

Ion Ratio Lower Upper

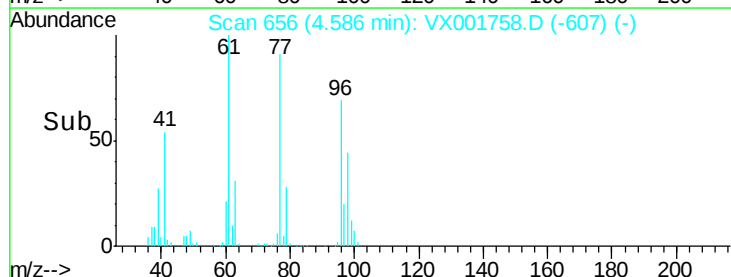
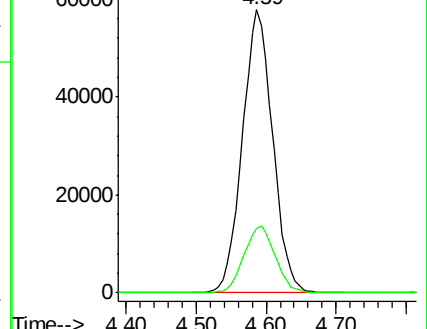
77 100

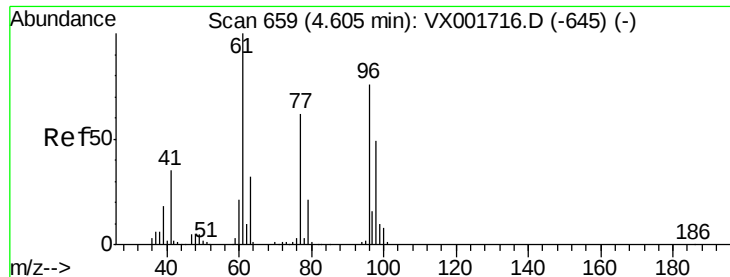
97 24.4 11.6 34.8



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: 49.87 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

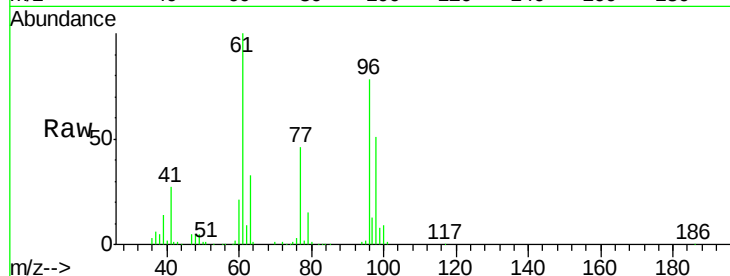
Tgt Ion: 96 Resp: 180286

Ion Ratio Lower Upper

96 100

61 138.6 0.0 280.4

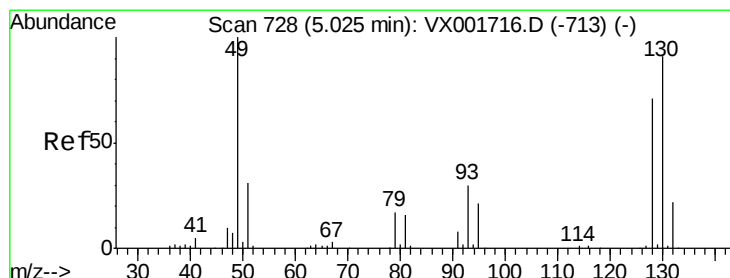
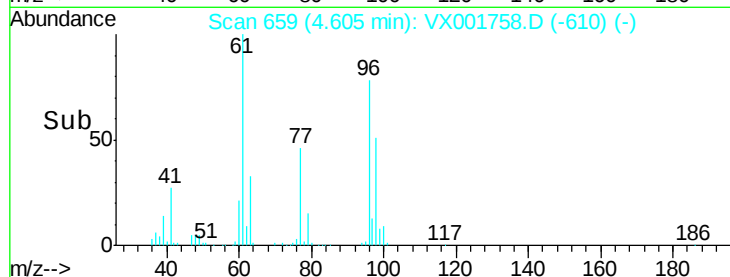
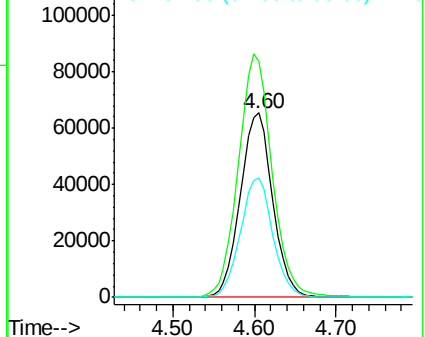
98 65.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.43 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

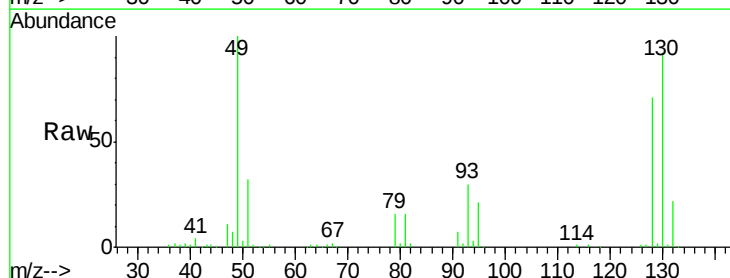
Tgt Ion: 49 Resp: 138068

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

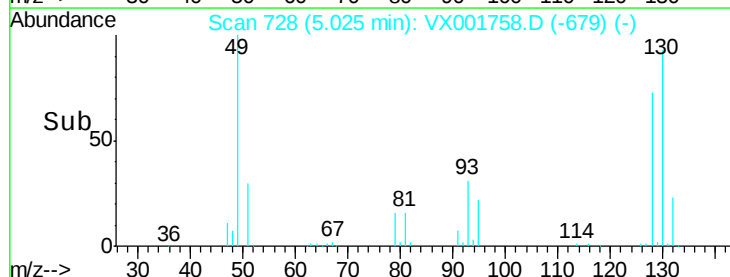
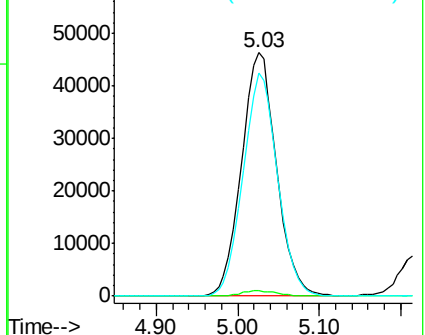
130 90.3 71.8 107.6

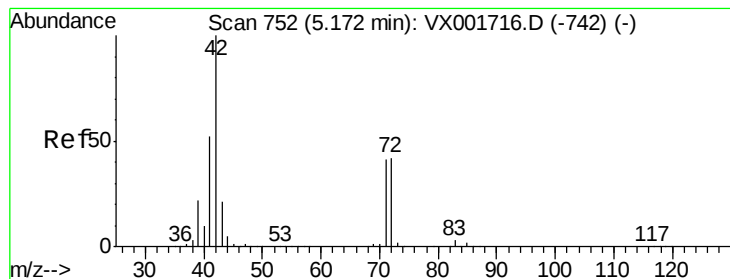


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 286.23 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

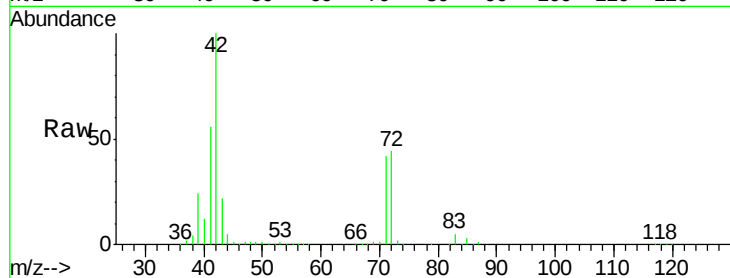
Tgt Ion: 42 Resp: 438757

Ion Ratio Lower Upper

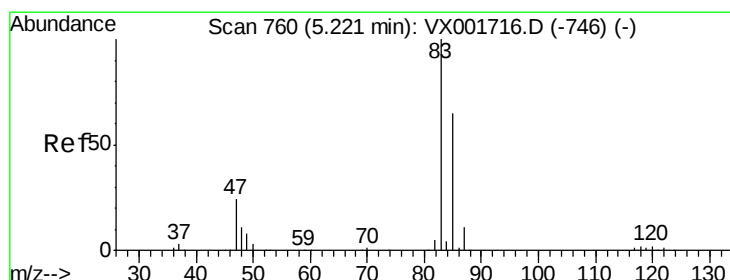
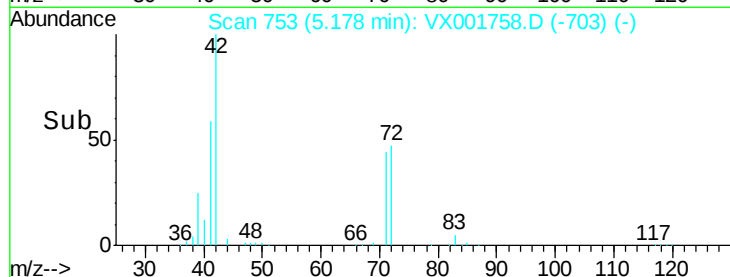
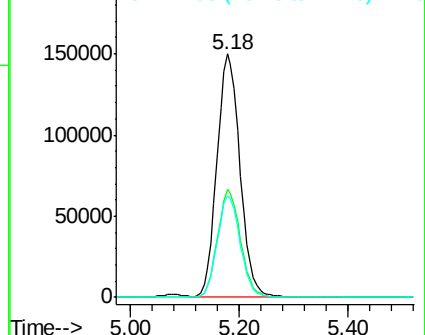
42 100

72 44.3 35.4 53.2

71 41.7 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.65 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001758.D

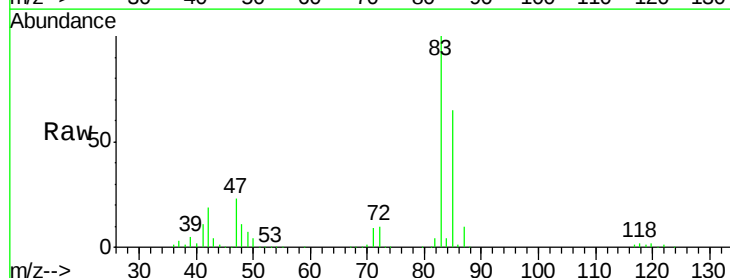
Acq: 15 May 2018 20:58

Tgt Ion: 83 Resp: 304246

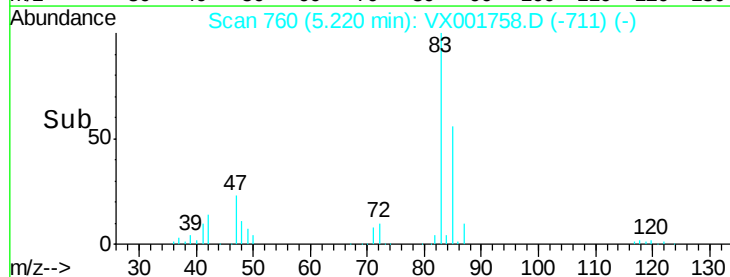
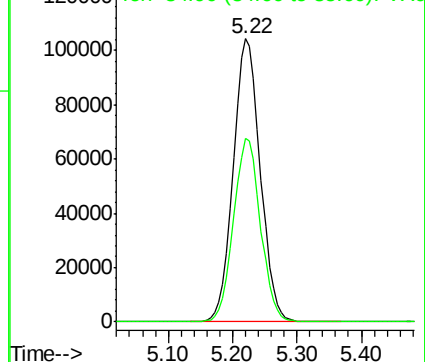
Ion Ratio Lower Upper

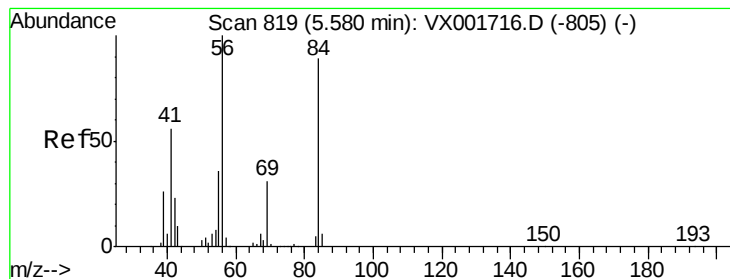
83 100

85 64.9 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.83 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

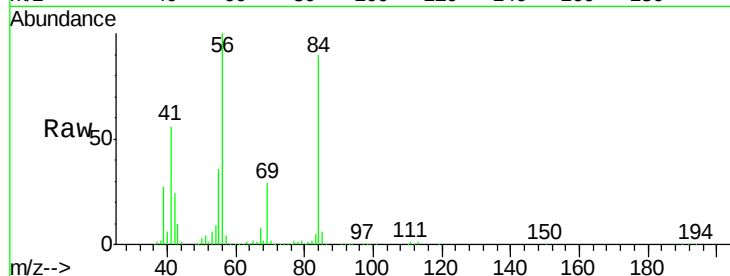
Tgt Ion: 56 Resp: 244919

Ion Ratio Lower Upper

56 100

69 29.3 25.0 37.6

84 88.8 71.0 106.4

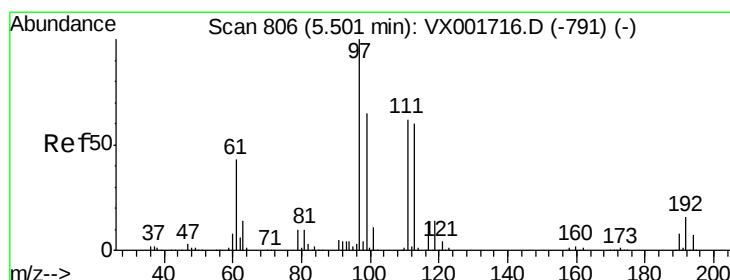
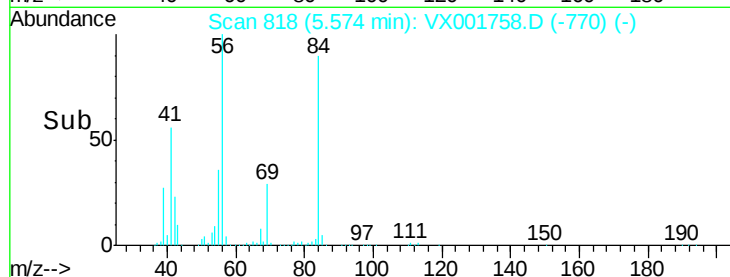
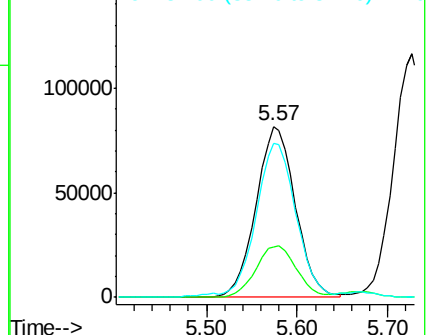


Abundance

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: 52.14 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

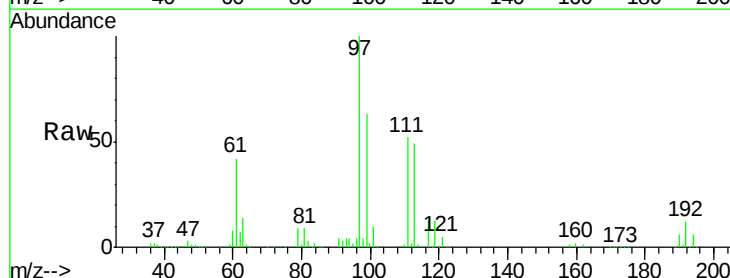
Tgt Ion: 97 Resp: 265415

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 42.8 34.0 51.0

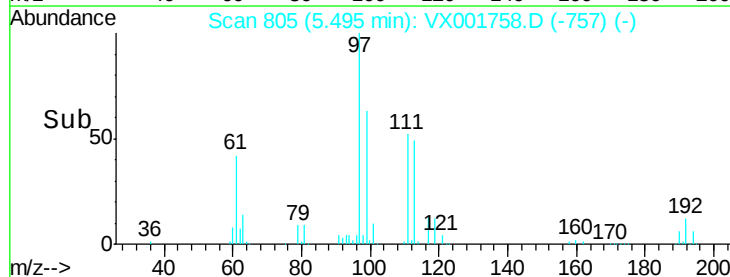
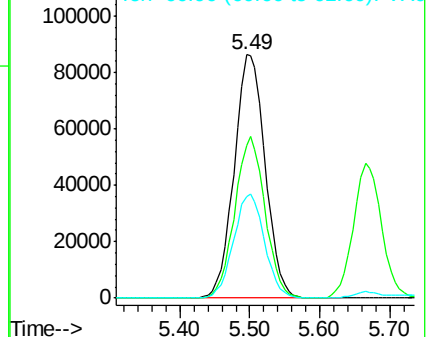


Abundance

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: 51.03 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

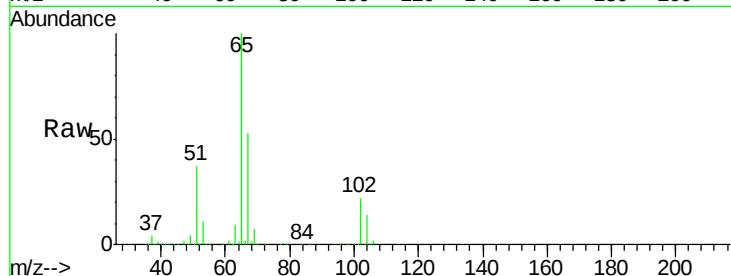
VSTDCCC050EC

Tgt Ion: 65 Resp: 199559

Ion Ratio Lower Upper

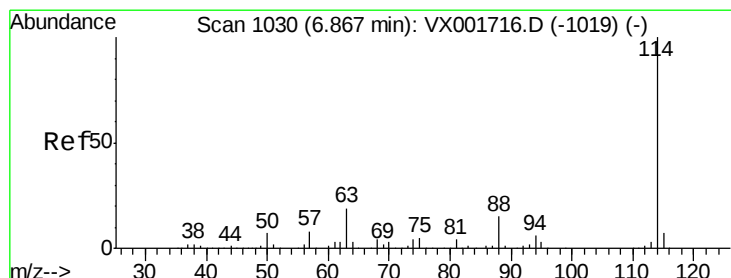
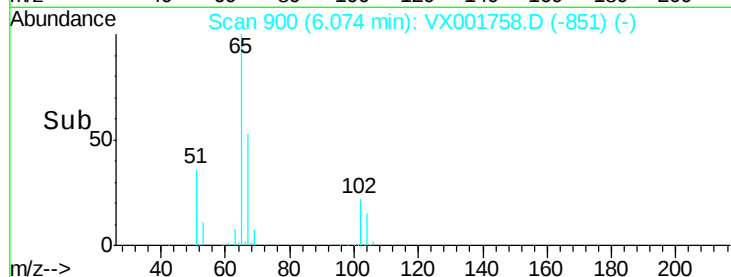
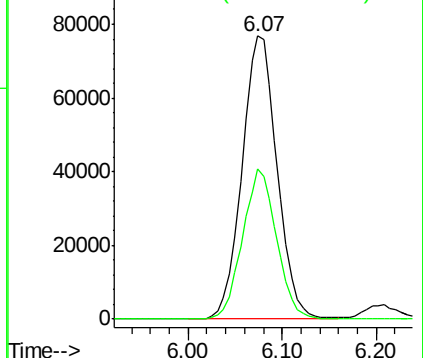
65 100

67 51.6 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: VX001758.D

Acq: 15 May 2018 20:58

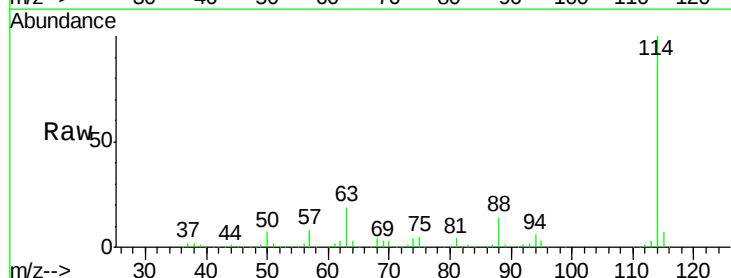
Tgt Ion: 114 Resp: 387682

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

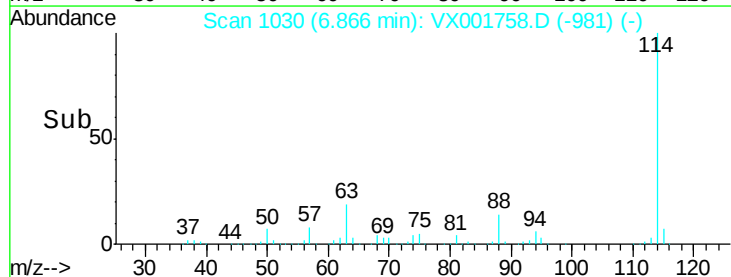
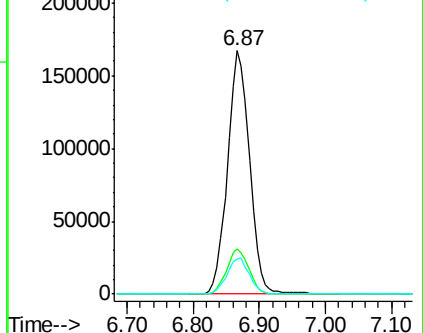
88 14.4 0.0 29.8

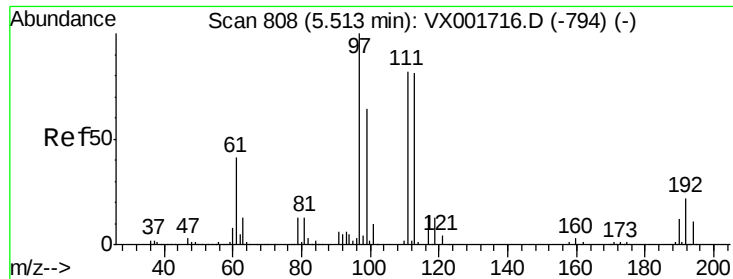


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

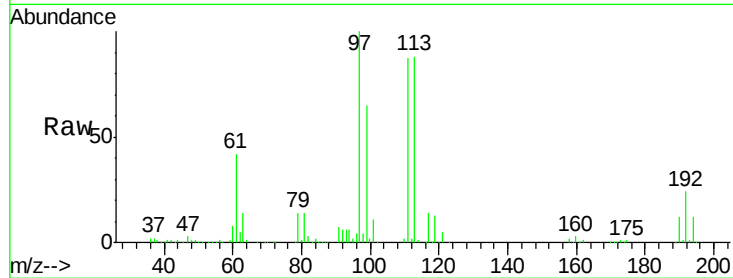




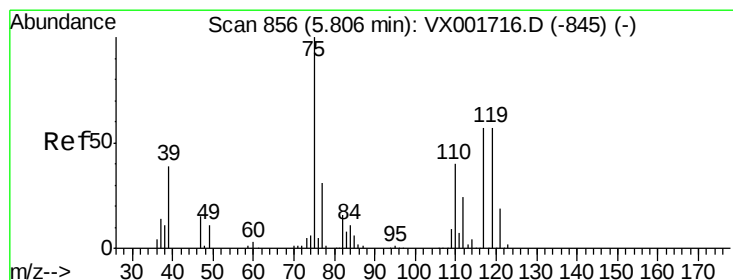
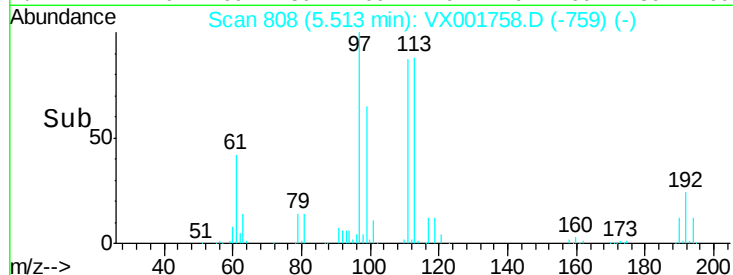
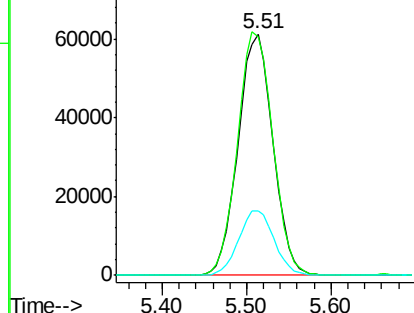
#35
 Dibromofluoromethane
 Concen: 52.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 171191
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 27.2 21.6 32.4

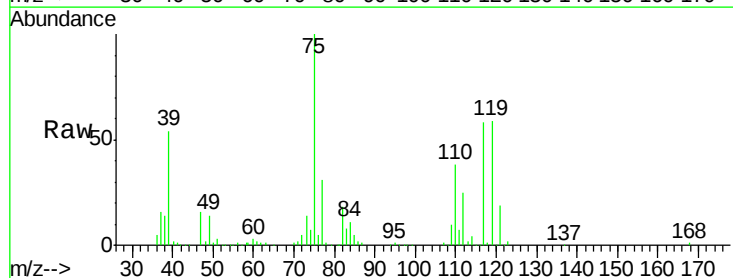


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

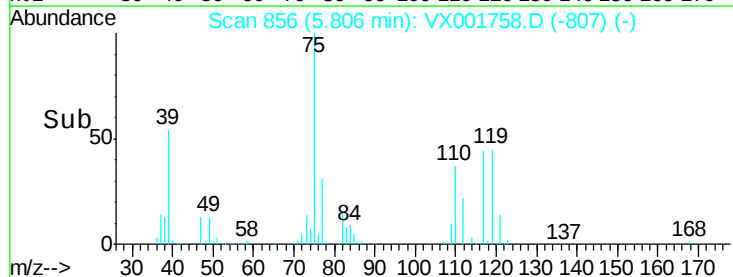
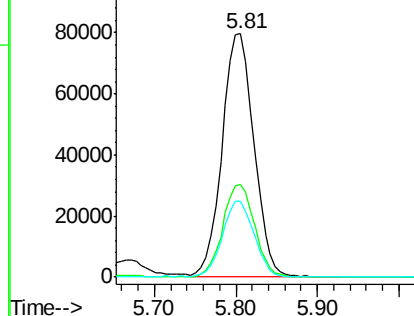


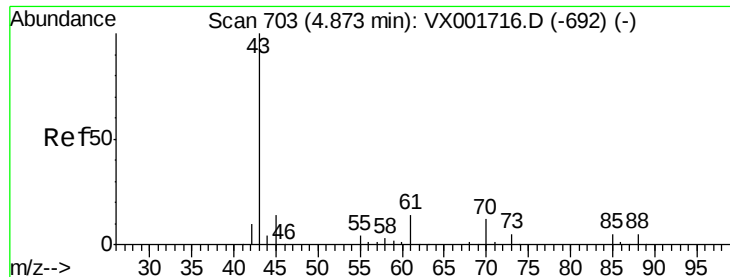
#36
 1,1-Dichloropropene
 Concen: 48.18 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 75 Resp: 215027
 Ion Ratio Lower Upper
 75 100
 110 38.2 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

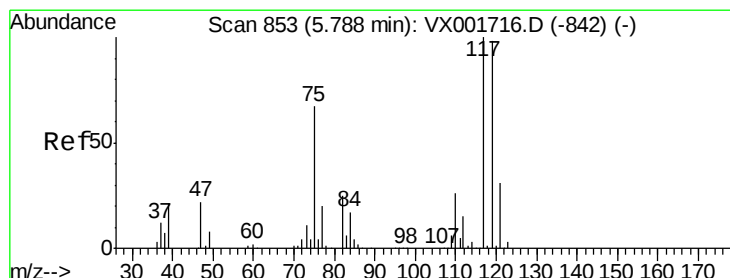
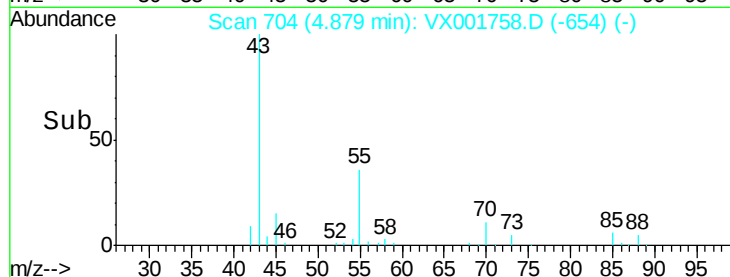
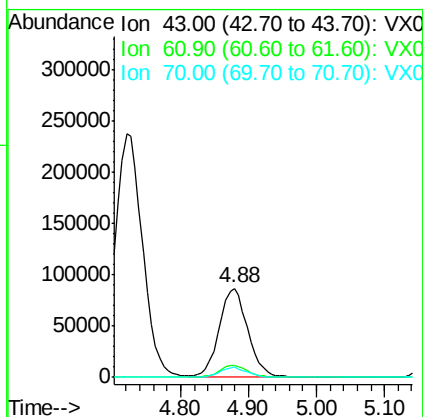
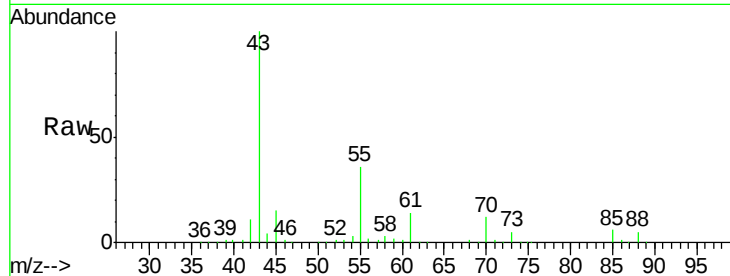




#37
Ethyl Acetate
Concen: 54.34 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

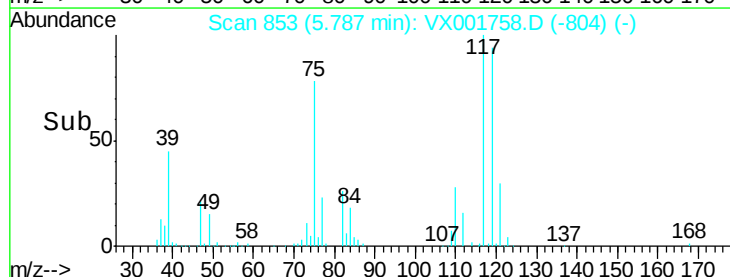
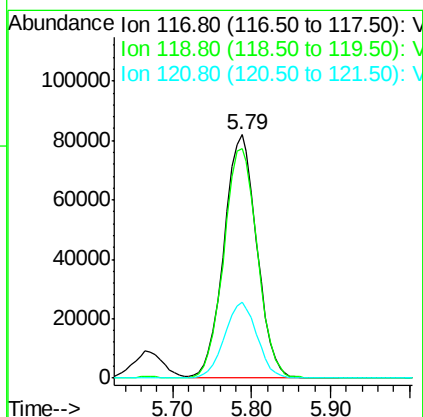
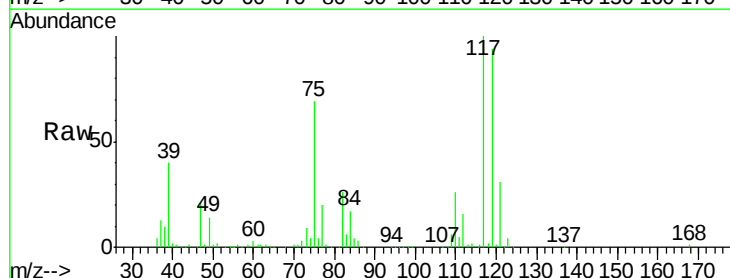
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

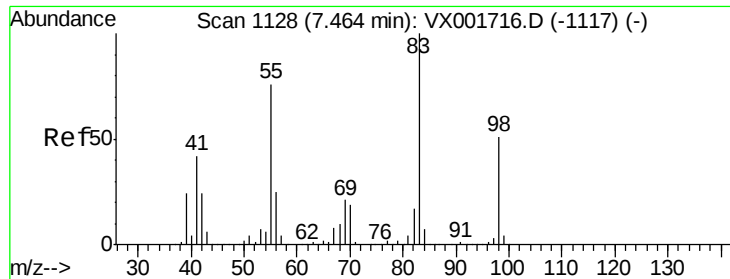
Tgt Ion: 43 Resp: 252711
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.77 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 117 Resp: 237350
Ion Ratio Lower Upper
117 100
119 94.0 77.6 116.4
121 31.0 24.6 36.8

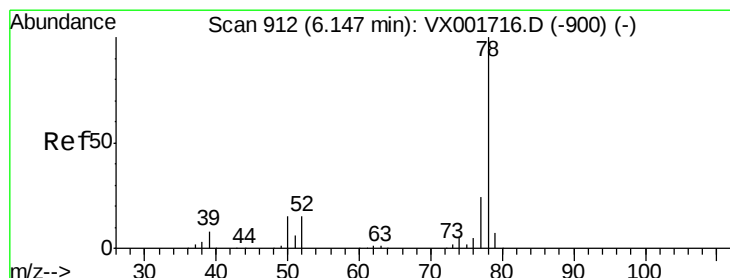
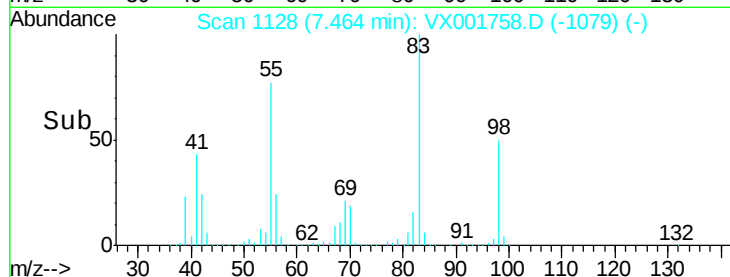
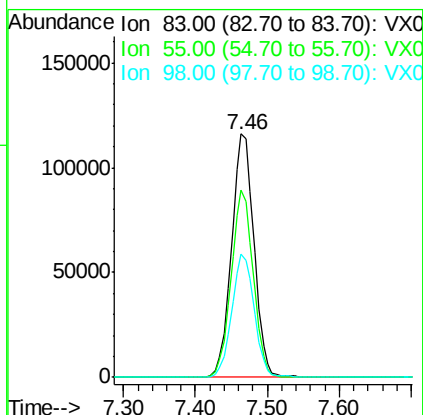
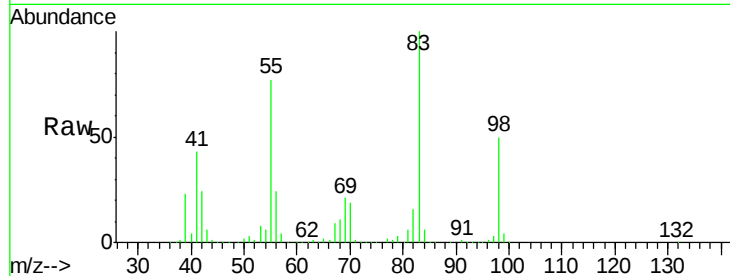




#39
Methylcyclohexane
Concen: 48.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

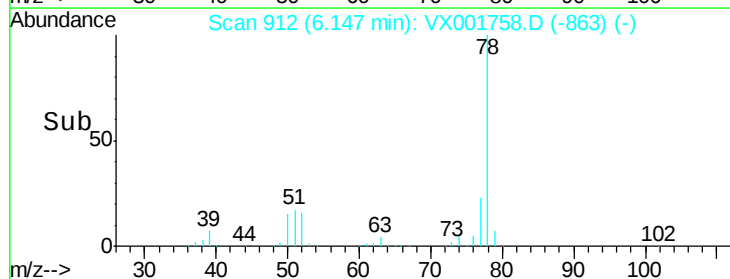
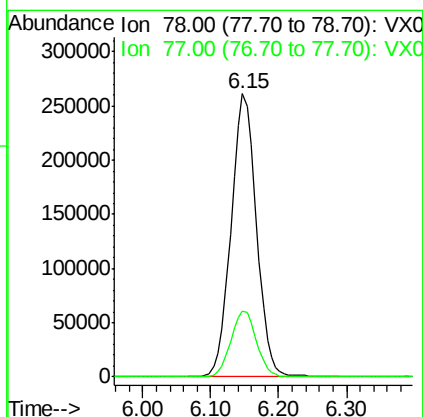
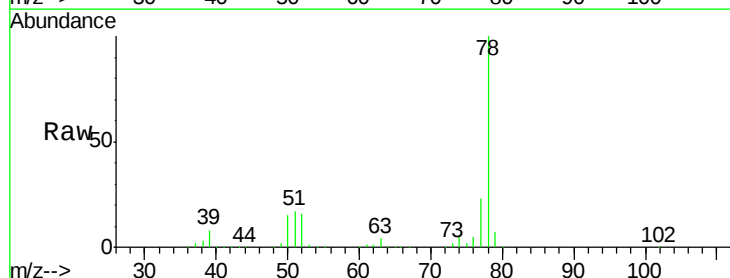
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

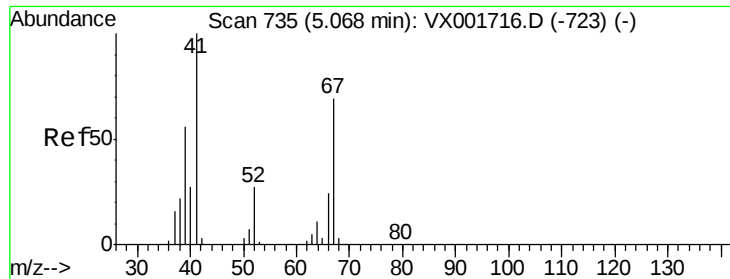
Tgt Ion: 83 Resp: 251804
Ion Ratio Lower Upper
83 100
55 77.1 60.6 90.8
98 50.5 40.4 60.6



#40
Benzene
Concen: 51.29 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 78 Resp: 674459
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

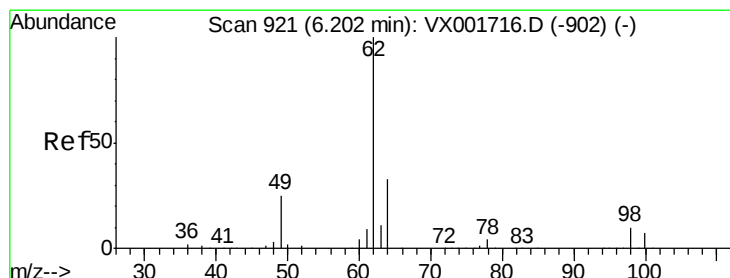
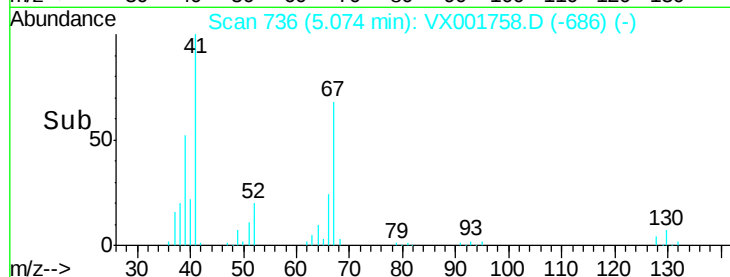
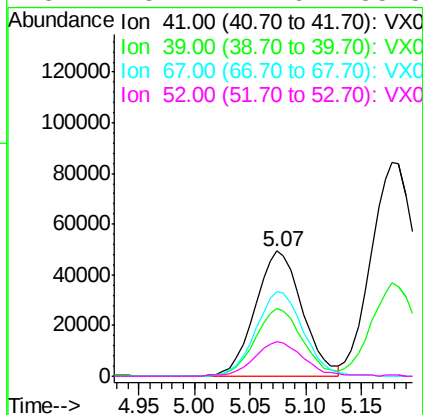
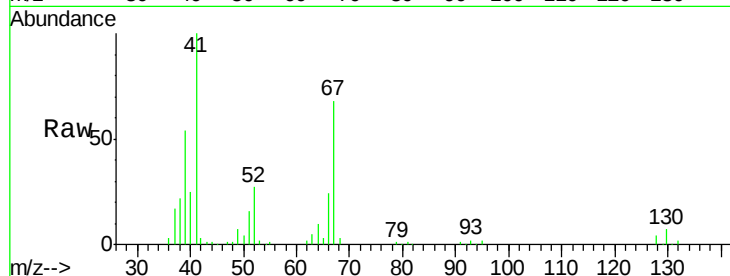




#41
Methacrylonitrile
Concen: 53.79 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

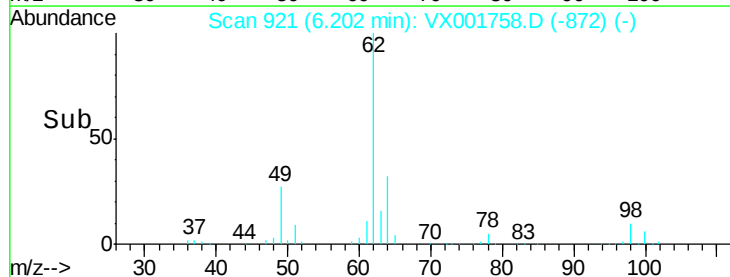
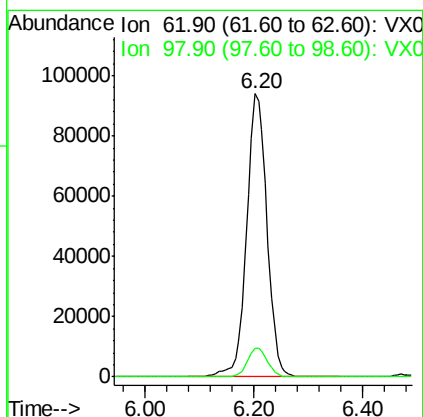
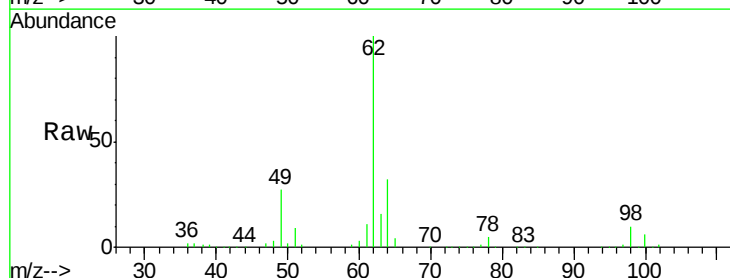
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

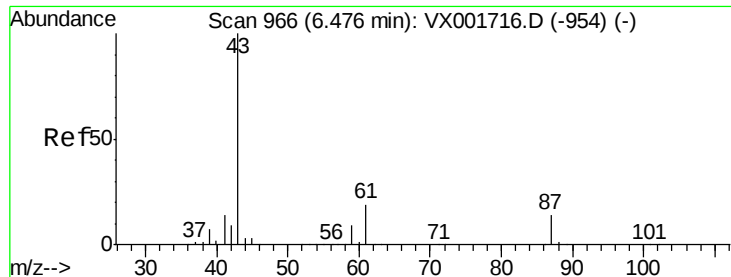
Tgt Ion:	41	Resp:	144685
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.2	66.4
67	68.6	56.0	84.0
52	28.1	22.6	33.8



#42
1,2-Dichloroethane
Concen: 51.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion:	62	Resp:	243786
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 53.51 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

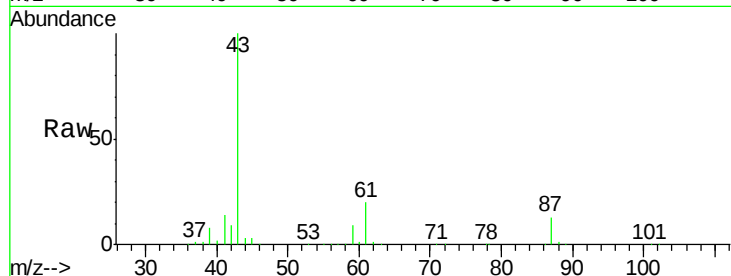
Tgt Ion: 43 Resp: 389497

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX001716.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001716.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001716.D (-954) (-)

6.48

150000

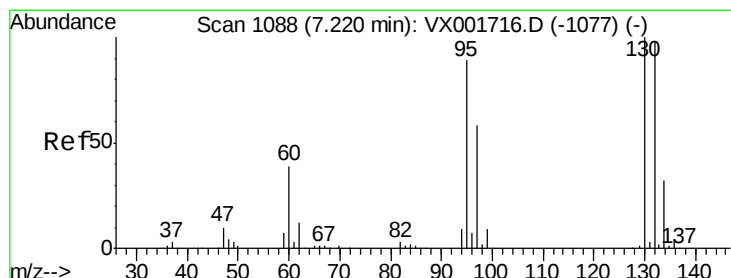
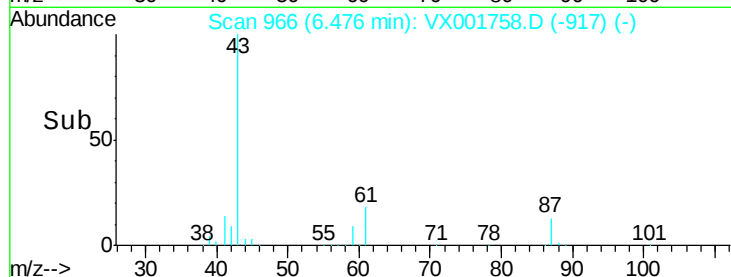
100000

50000

0

6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 49.94 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001758.D

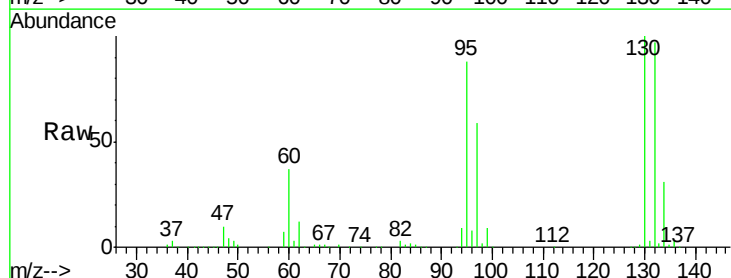
Acq: 15 May 2018 20:58

Tgt Ion: 130 Resp: 203807

Ion Ratio Lower Upper

130 100

95 87.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): VX001716.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001716.D (-1077) (-)

7.22

100000

80000

60000

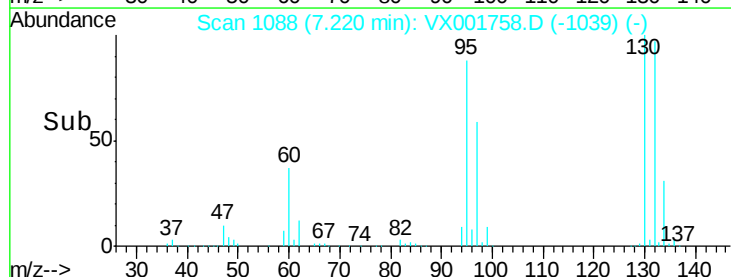
40000

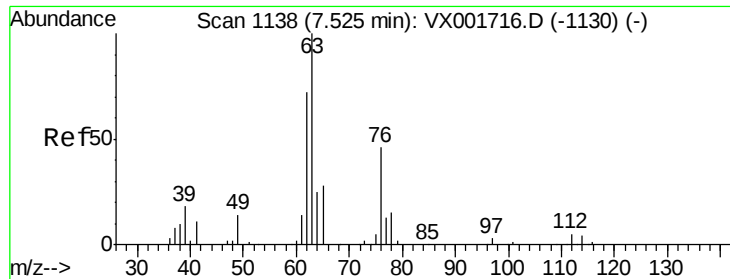
20000

0

7.10 7.20 7.30 7.40

Time-->

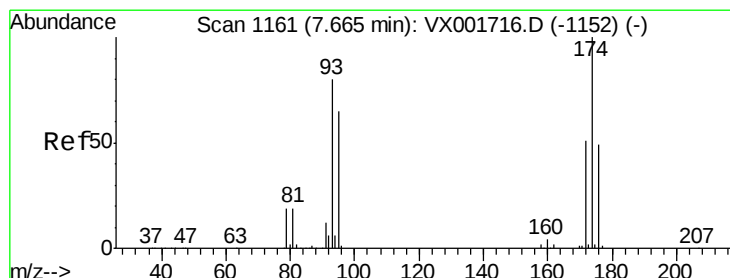
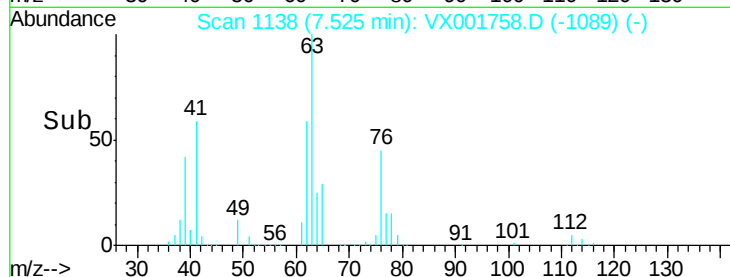
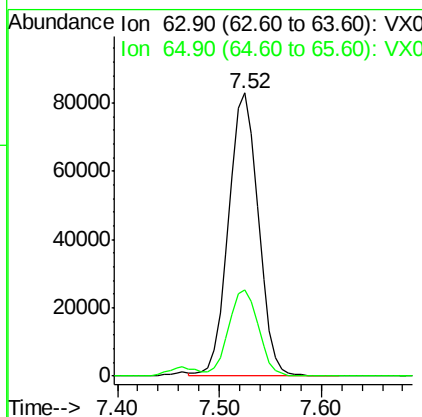
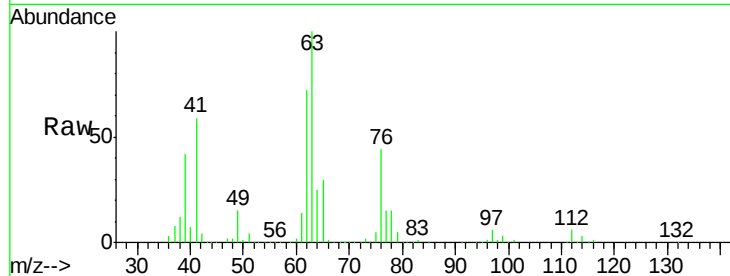




#45
 1,2-Dichloropropane
 Concen: 51.79 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

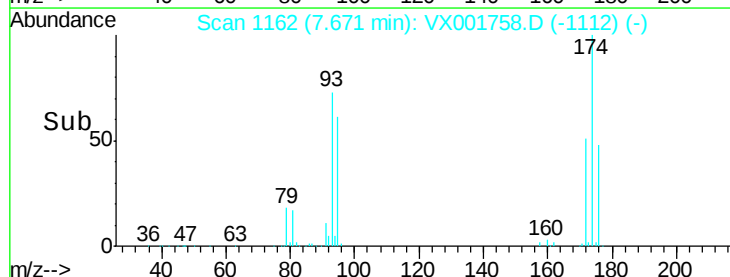
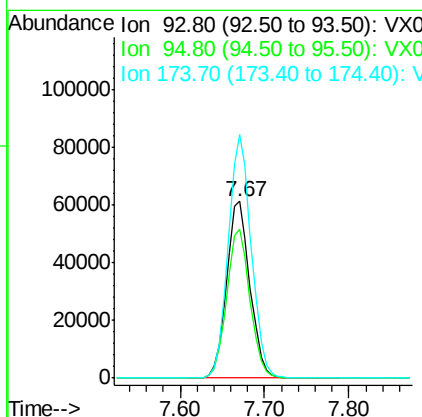
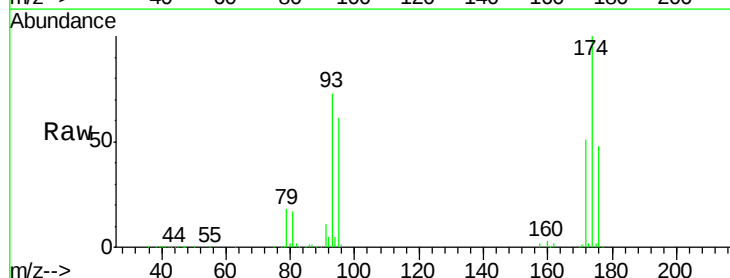
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

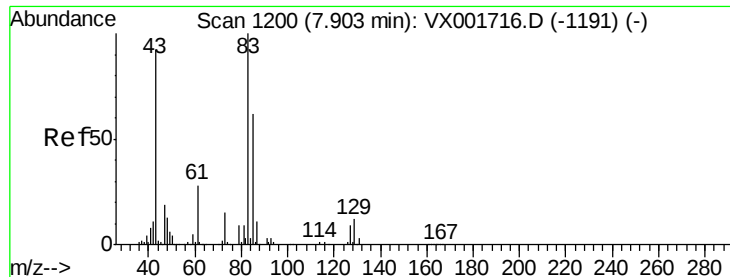
Tgt Ion: 63 Resp: 167097
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



#46
 Dibromomethane
 Concen: 51.27 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 93 Resp: 116147
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 135.1 106.2 159.2





#47

Bromodichloromethane

Concen: 53.96 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

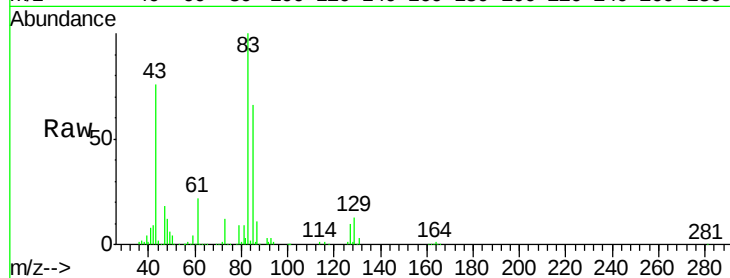
Tgt Ion: 83 Resp: 226870

Ion Ratio Lower Upper

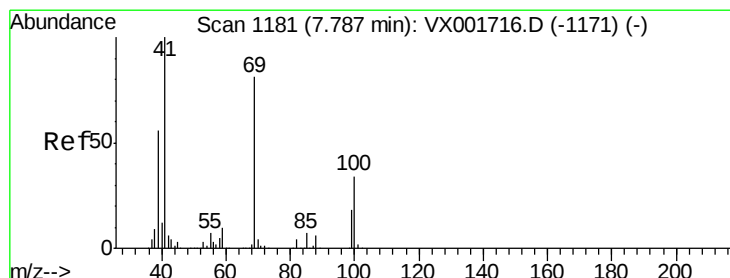
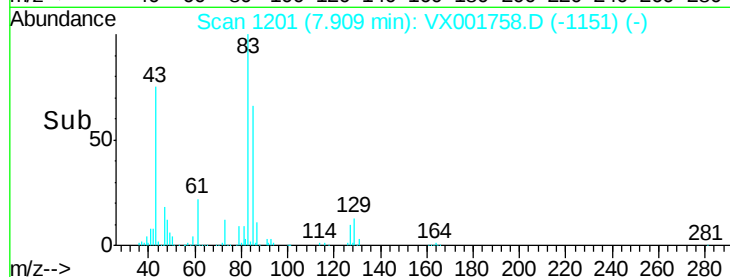
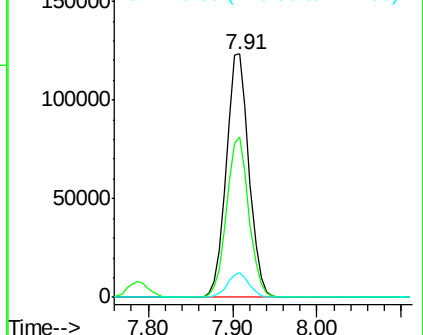
83 100

85 66.1 49.6 74.4

127 10.1 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: 55.00 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

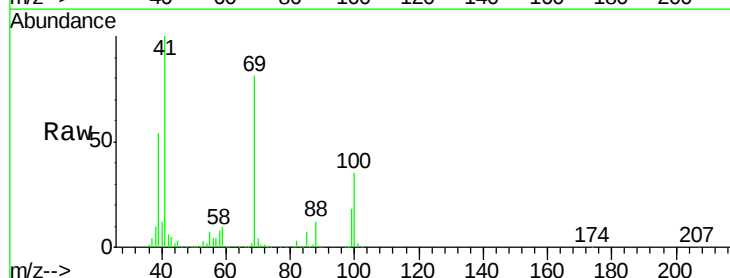
Tgt Ion: 41 Resp: 210730

Ion Ratio Lower Upper

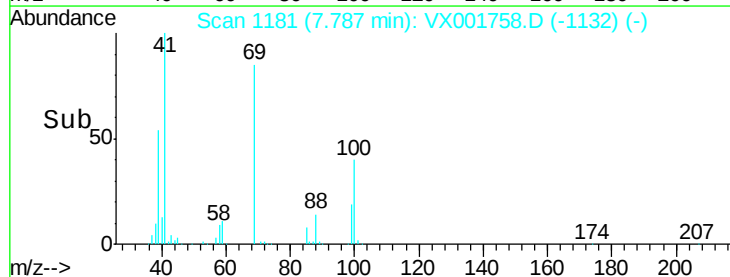
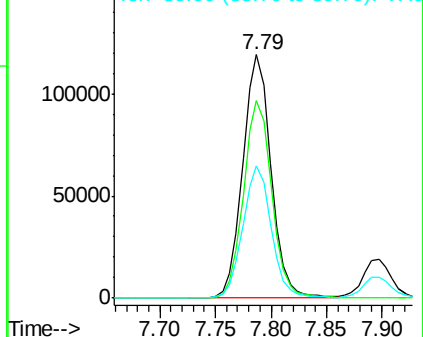
41 100

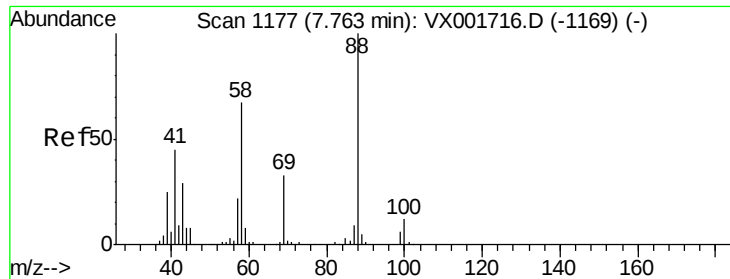
69 81.8 65.2 97.8

39 54.4 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

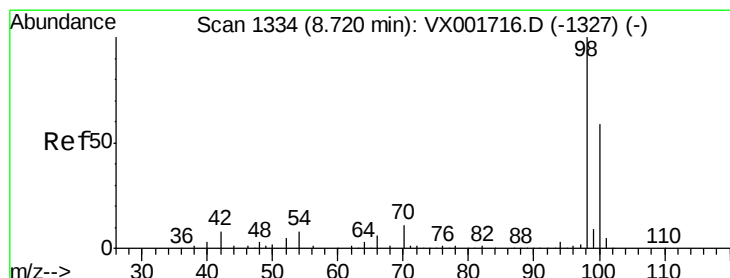
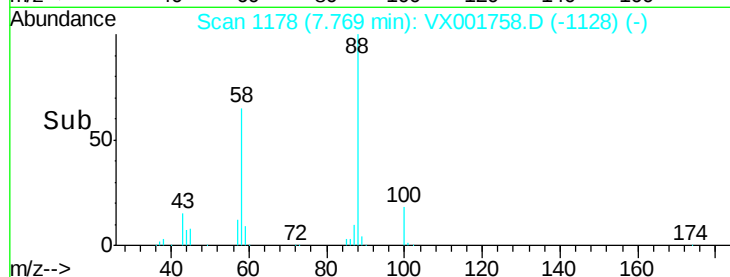
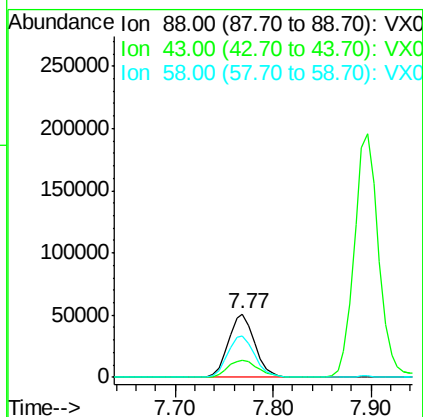
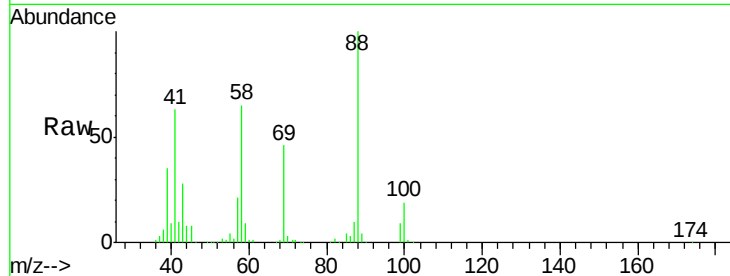




#49
1,4-Dioxane
Concen: 1282.60 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

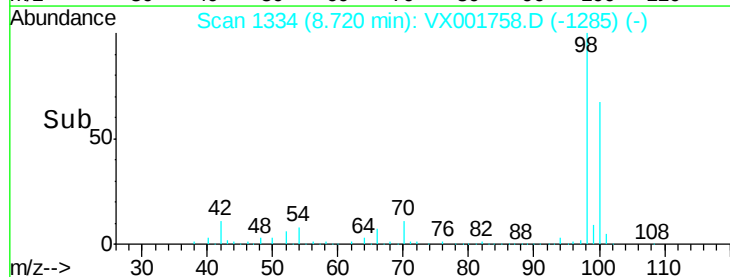
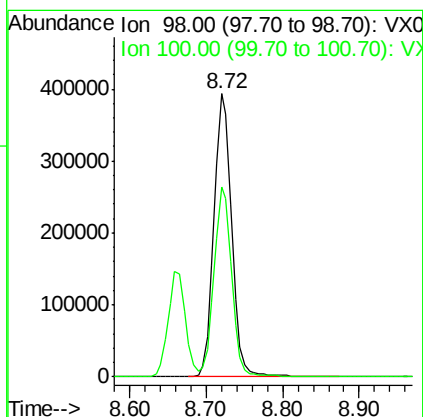
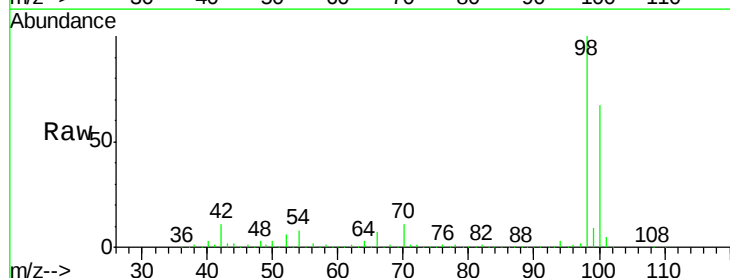
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

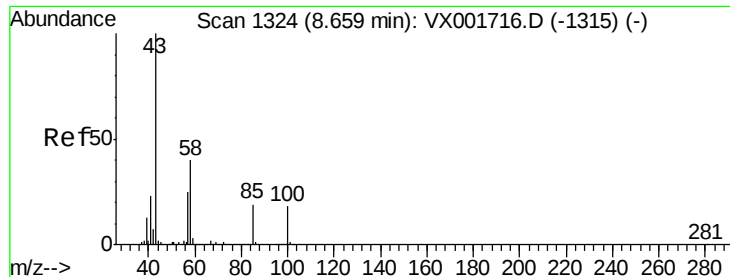
Tgt Ion: 88 Resp: 94621
Ion Ratio Lower Upper
88 100
43 31.6 27.3 40.9
58 68.1 55.9 83.9



#50
Toluene-d8
Concen: 53.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 98 Resp: 629074
Ion Ratio Lower Upper
98 100
100 67.3 54.0 81.0

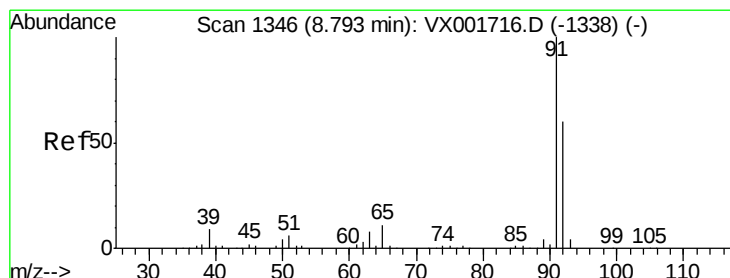
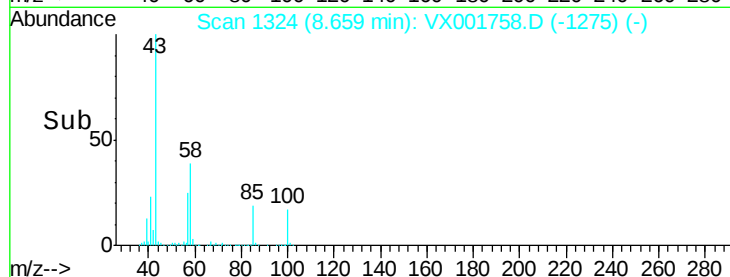
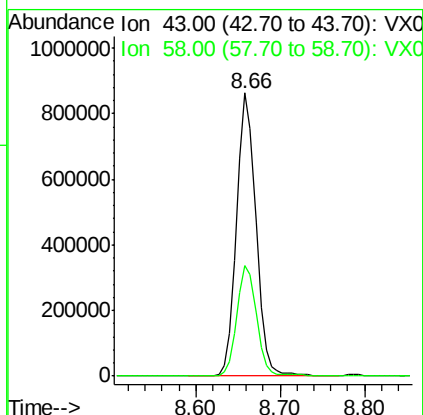
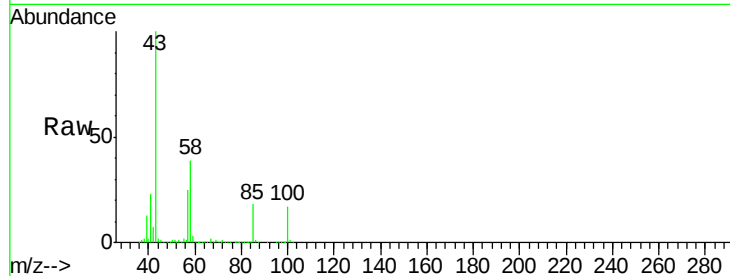




#51
 4-Methyl-2-Pentanone
 Concen: 290.16 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

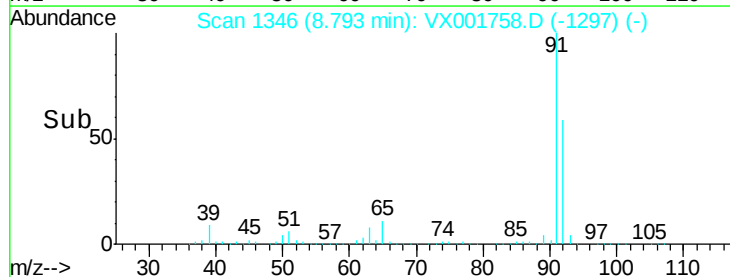
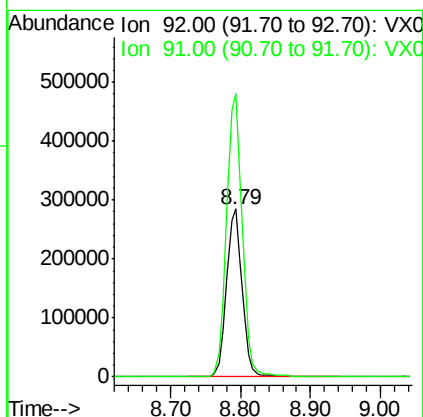
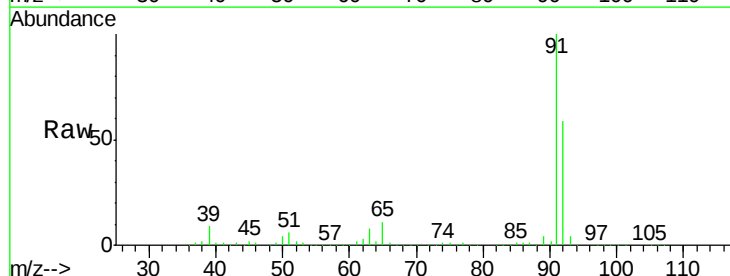
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

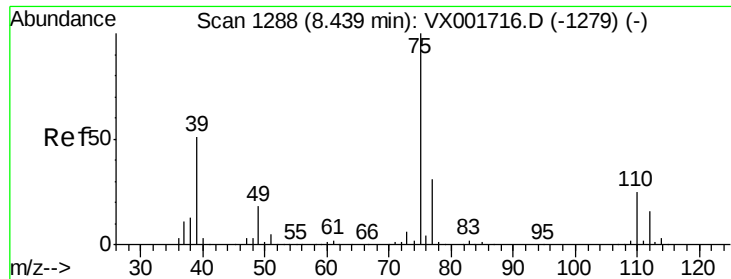
Tgt Ion: 43 Resp: 1338554
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.4 47.0



#52
 Toluene
 Concen: 52.22 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 92 Resp: 441185
 Ion Ratio Lower Upper
 92 100
 91 170.3 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.78 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

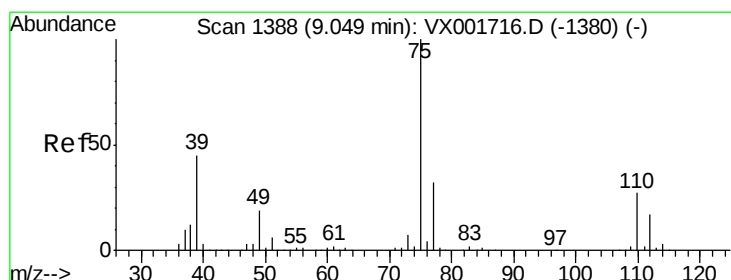
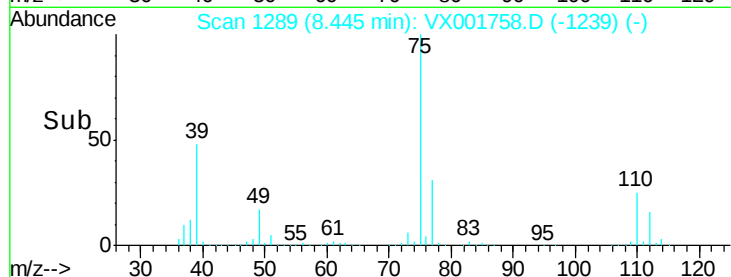
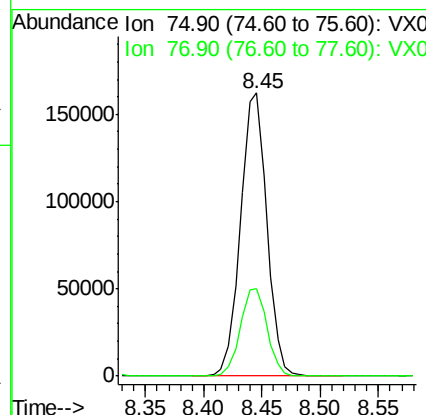
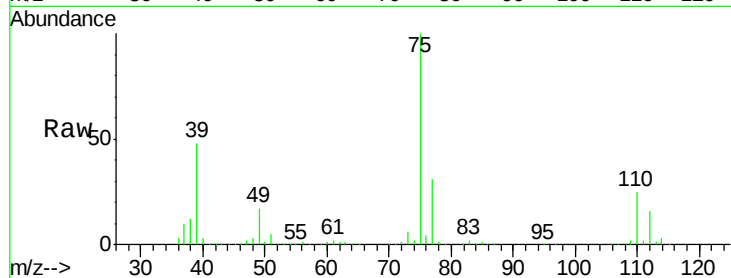
VSTDCCC050EC

Tgt Ion: 75 Resp: 256110

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 48.83 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

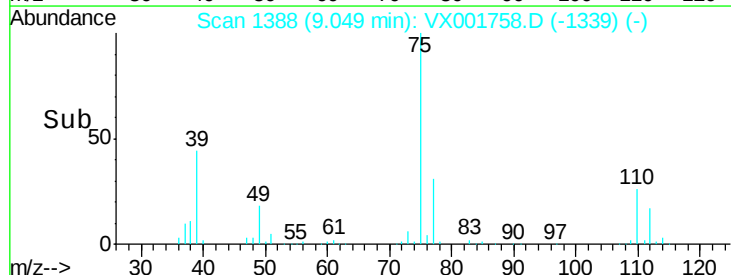
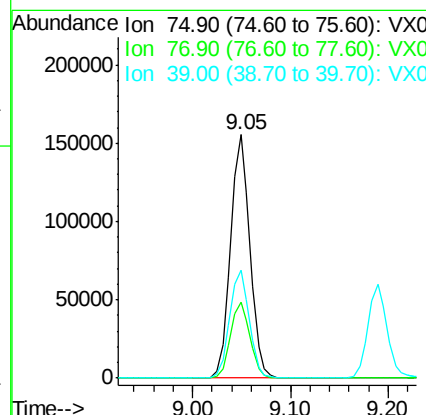
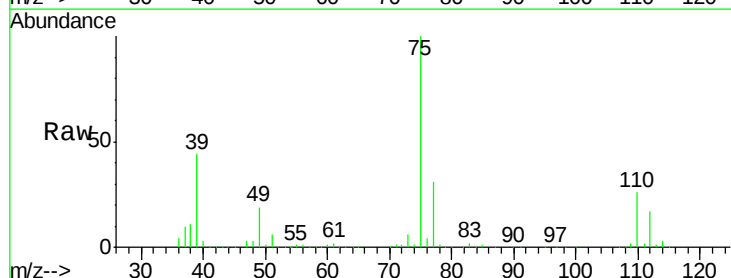
Tgt Ion: 75 Resp: 212904

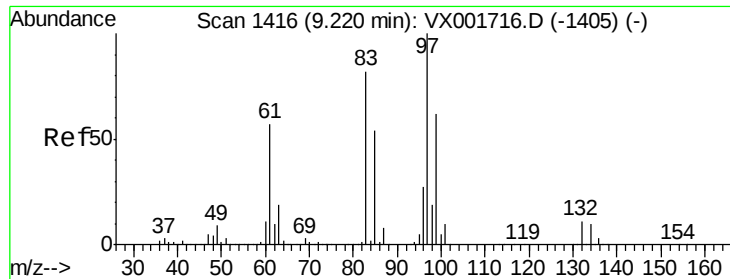
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 44.1 36.1 54.1

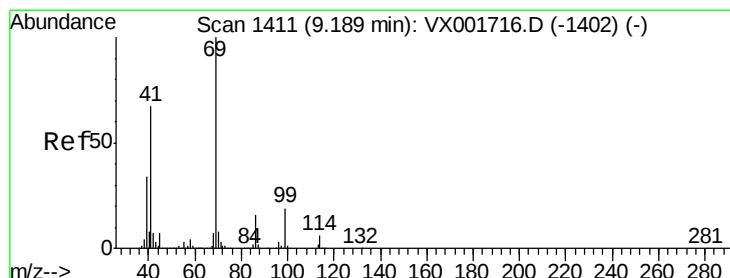
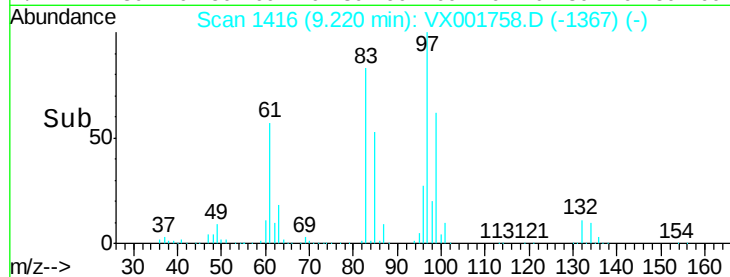
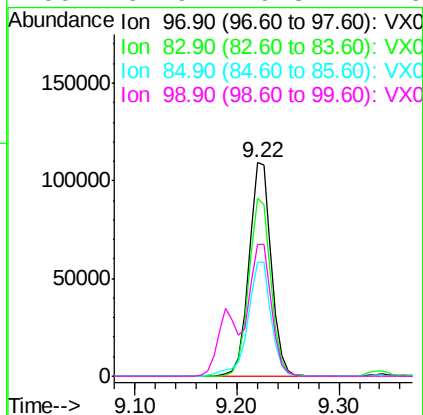
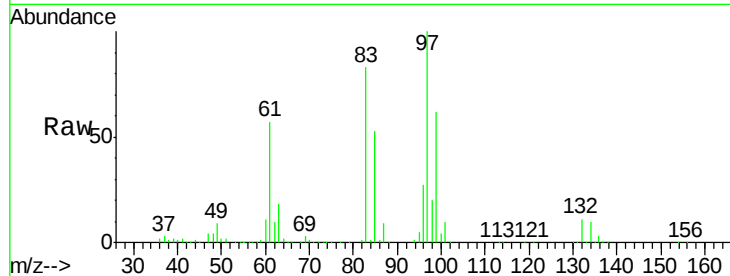




#55
 1,1,2-Trichloroethane
 Concen: 51.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

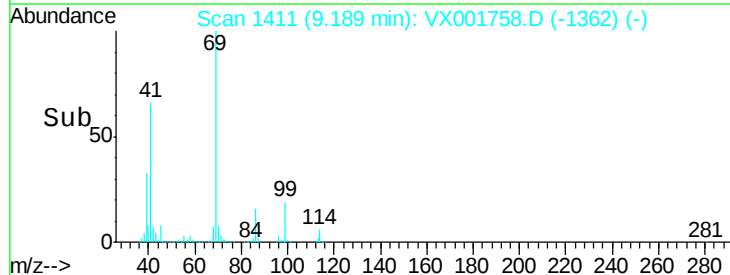
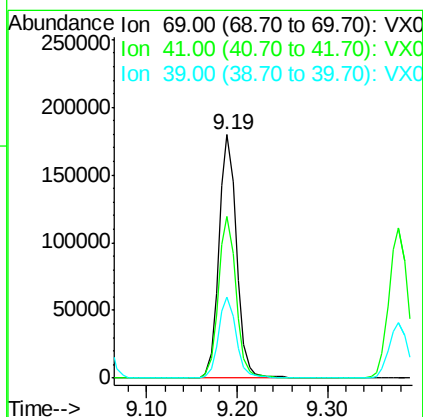
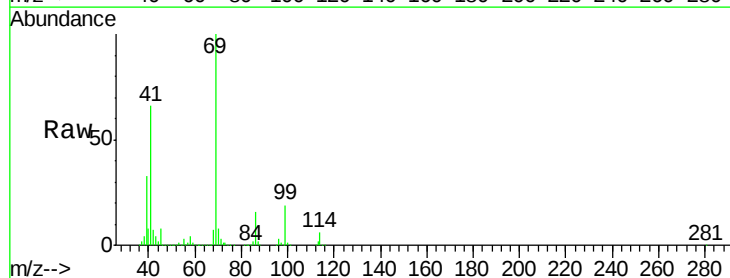
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

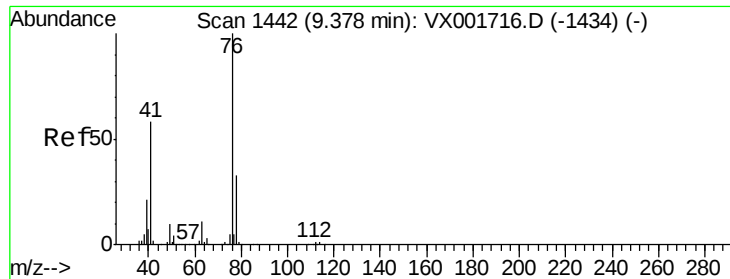
Tgt Ion:	97	Resp:	166811
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.8	98.8
85	53.2	43.4	65.0
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 53.53 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion:	69	Resp:	245161
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.5	80.3
39	33.4	27.2	40.8





#57

1,3-Dichloropropane

Concen: 50.82 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

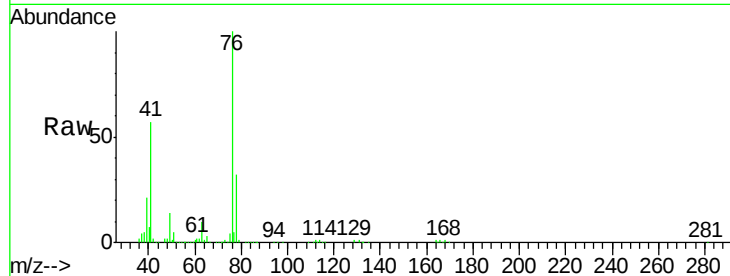
VSTDCCC050EC

Tgt Ion: 76 Resp: 274791

Ion Ratio Lower Upper

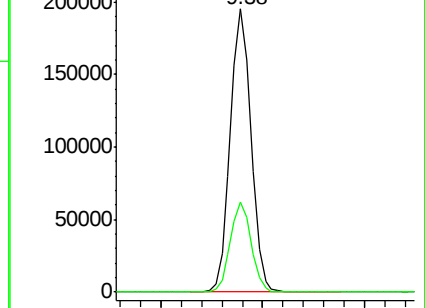
76 100

78 32.0 25.8 38.6

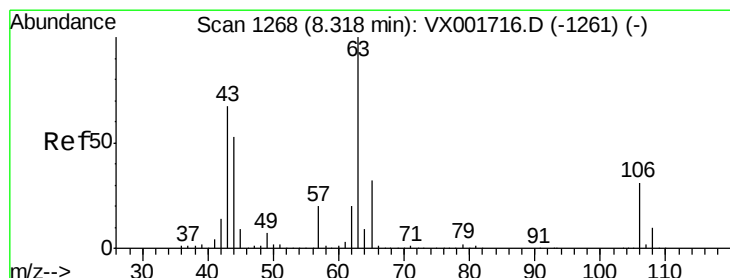
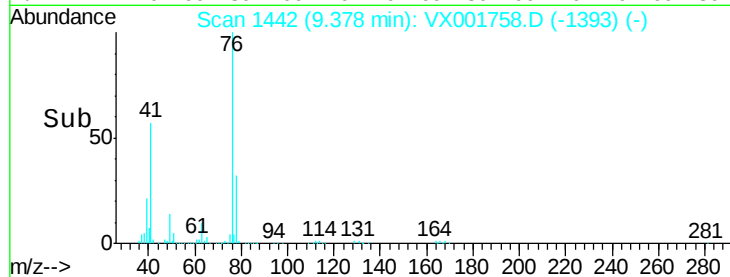


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 271.82 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001758.D

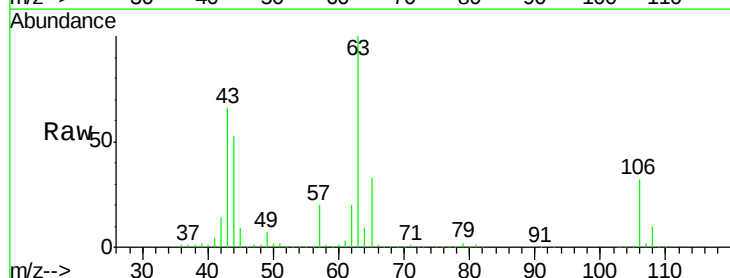
Acq: 15 May 2018 20:58

Tgt Ion: 63 Resp: 640400

Ion Ratio Lower Upper

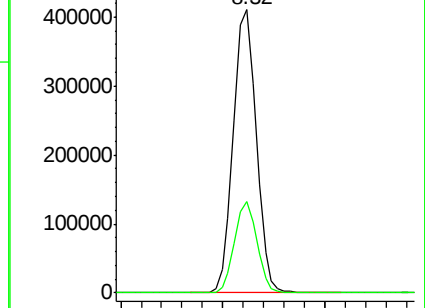
63 100

106 31.6 25.1 37.7

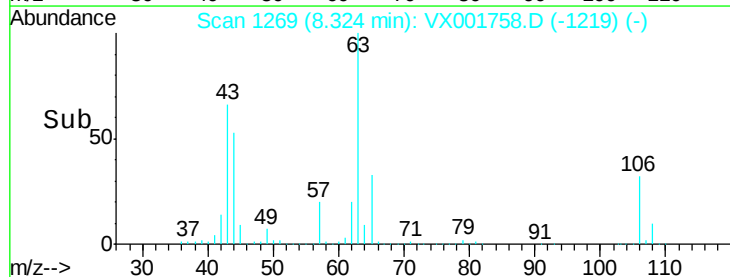


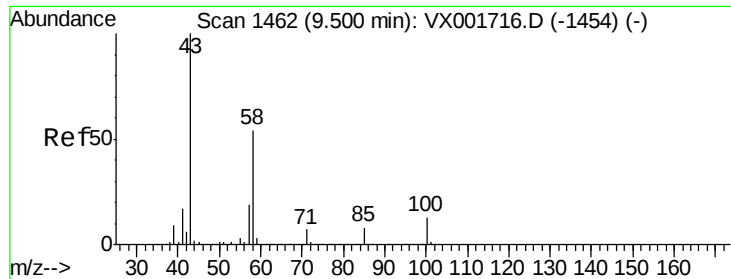
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

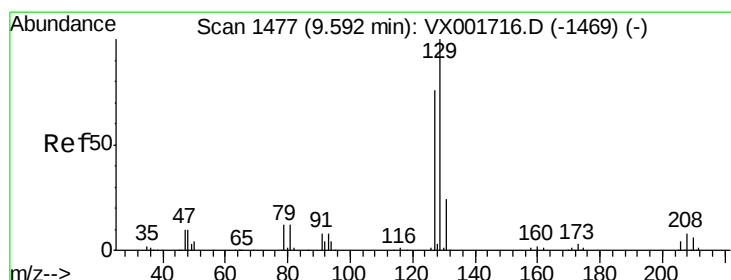
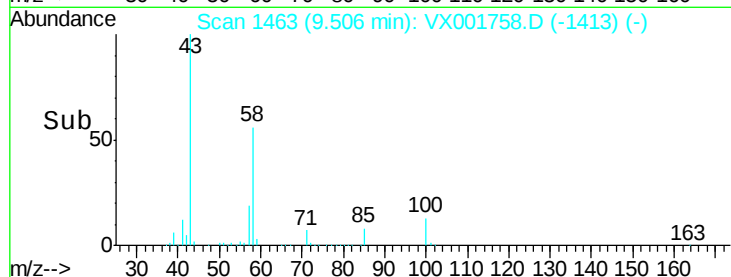
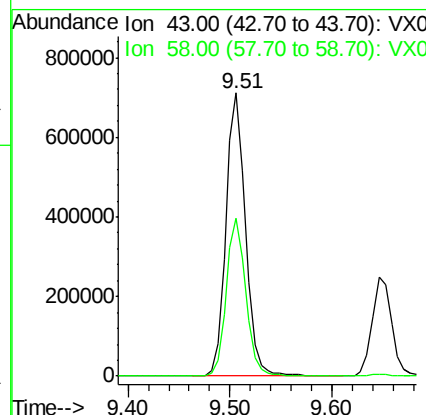
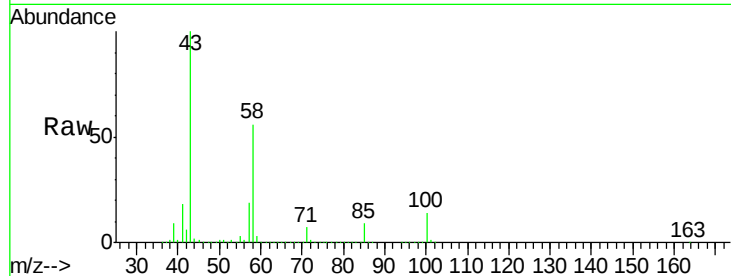




#59
2-Hexanone
Concen: 287.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

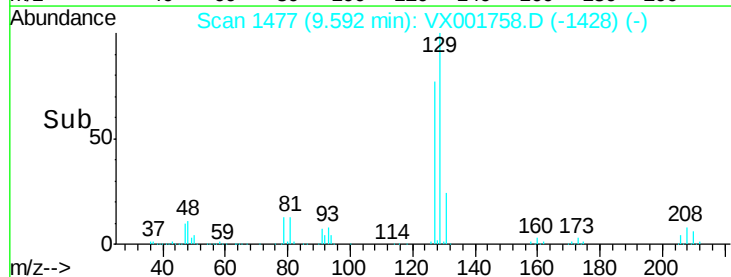
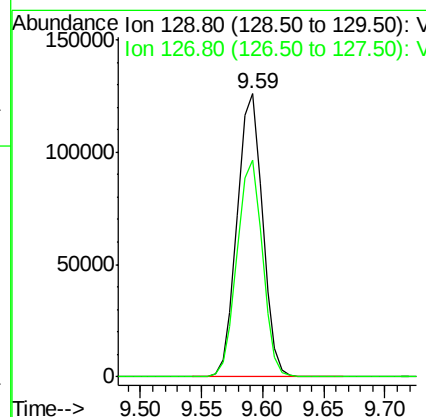
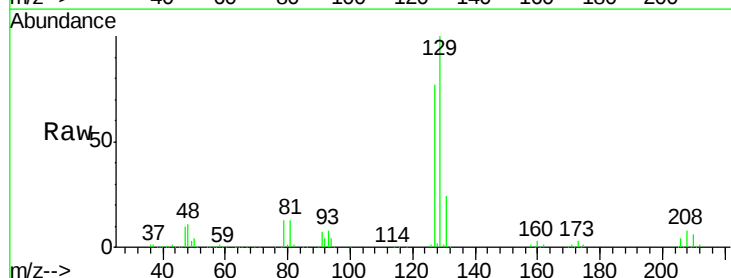
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

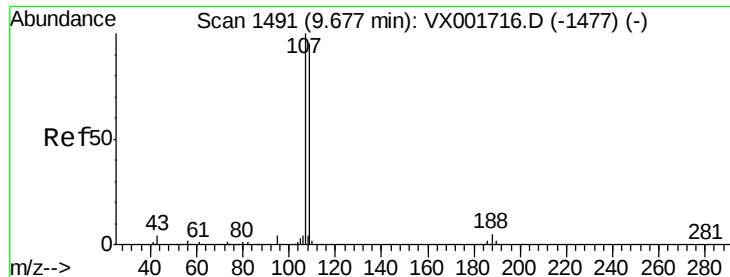
Tgt Ion: 43 Resp: 950809
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 54.51 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 129 Resp: 180278
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 52.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

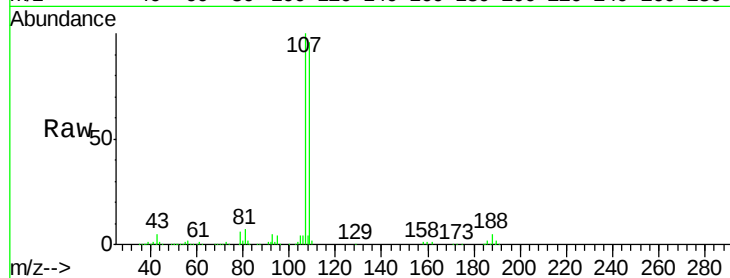
VSTDCCC050EC

Tgt Ion:107 Resp: 176579

Ion Ratio Lower Upper

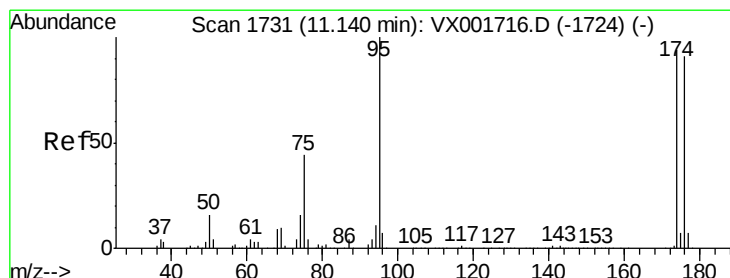
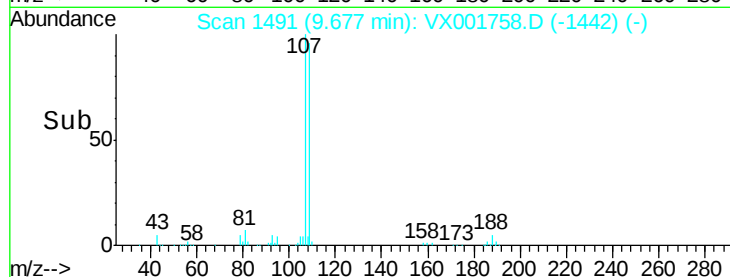
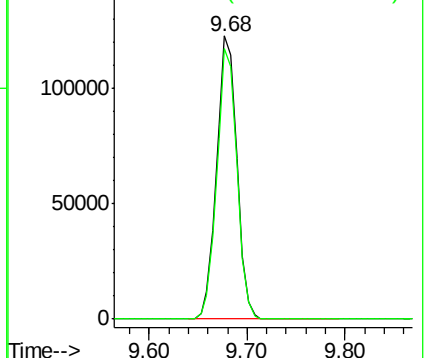
107 100

109 95.1 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: 49.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

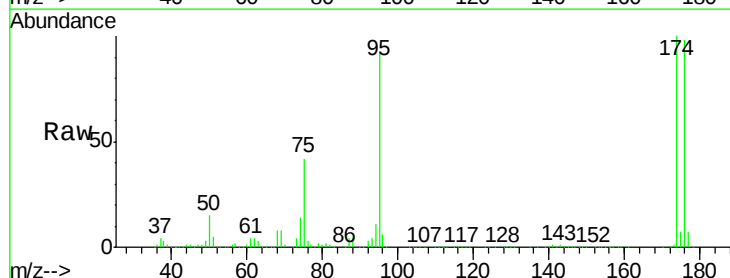
Tgt Ion: 95 Resp: 210733

Ion Ratio Lower Upper

95 100

174 102.3 0.0 201.8

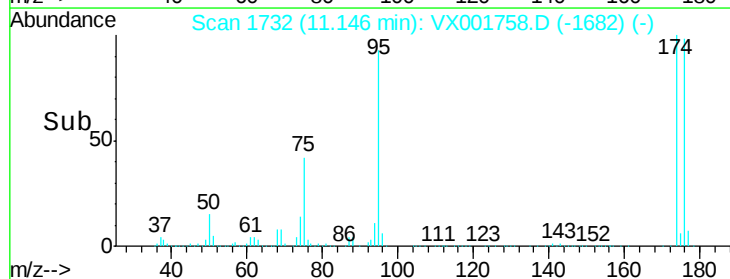
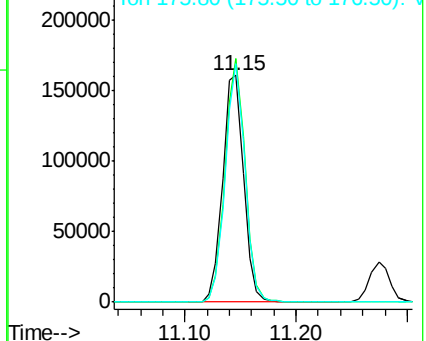
176 98.7 0.0 196.8

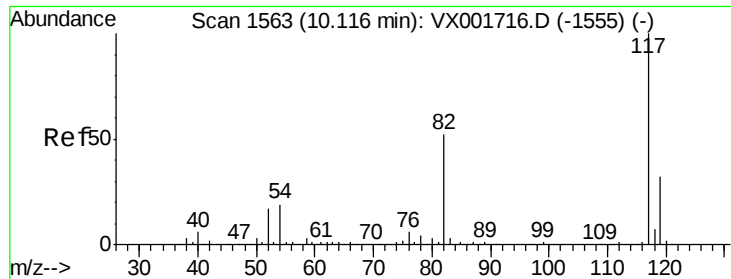


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

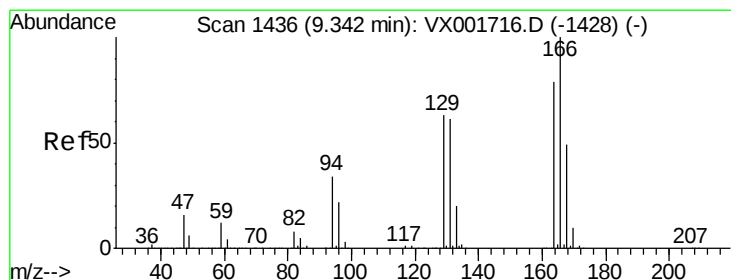
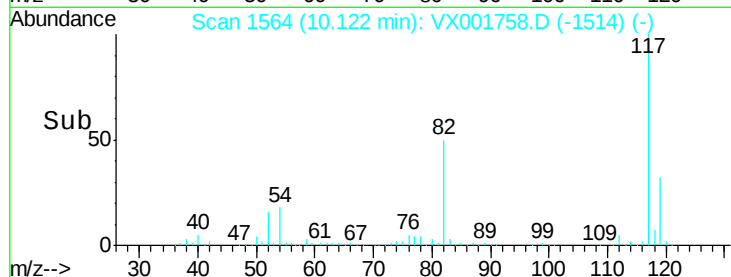
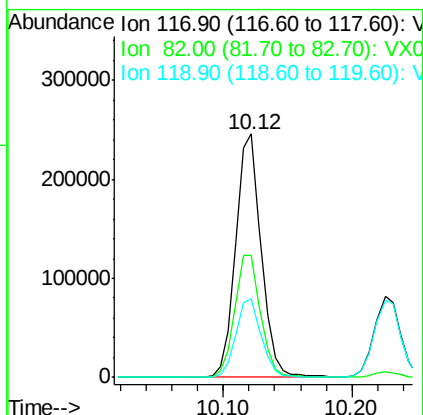
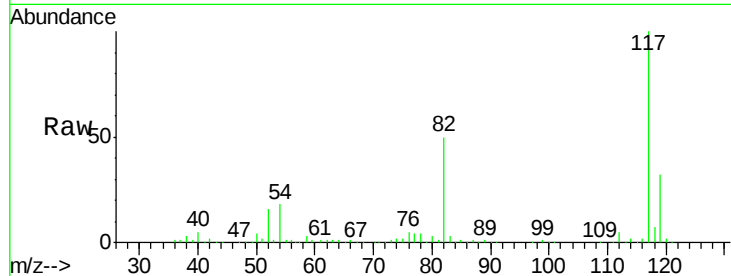




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

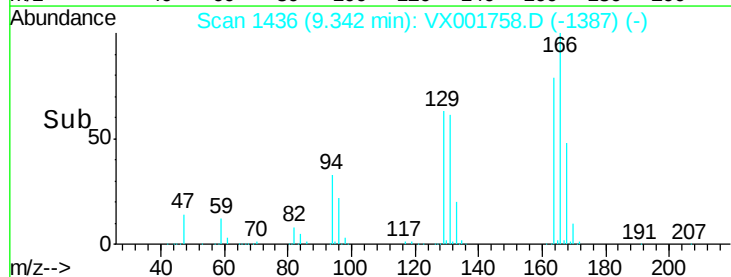
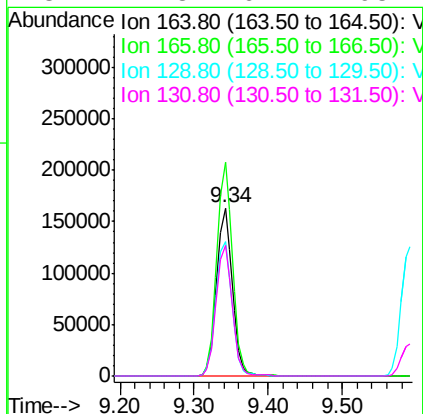
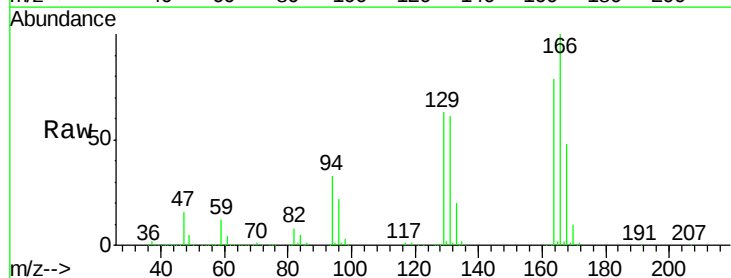
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

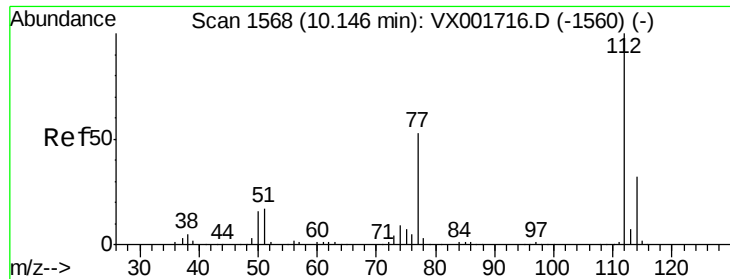
Tgt Ion:117 Resp: 339247
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 53.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion:164 Resp: 238225
Ion Ratio Lower Upper
164 100
166 127.0 101.8 152.8
129 80.2 63.8 95.6
131 77.8 62.2 93.2

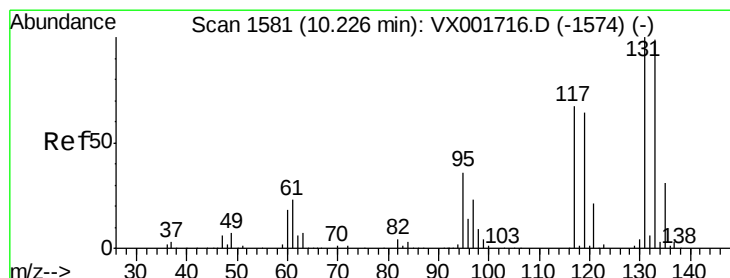
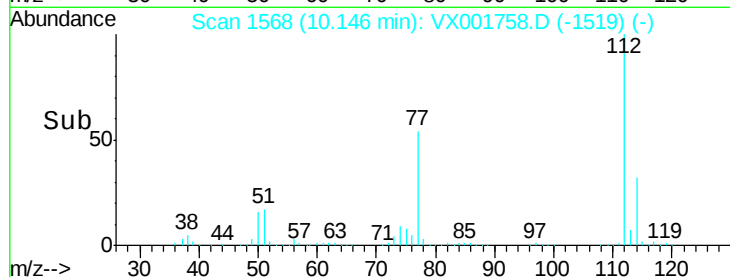
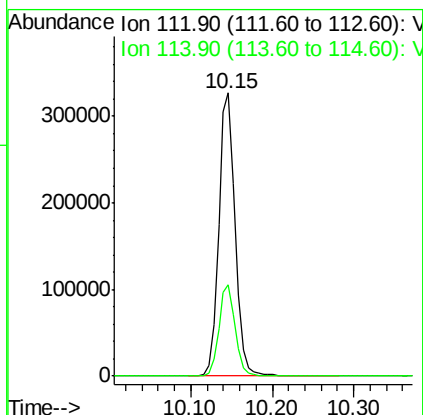
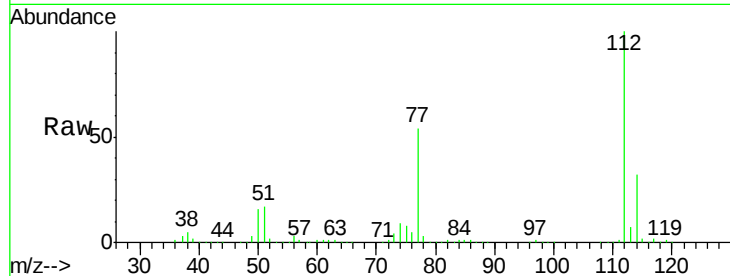




#65
Chlorobenzene
Concen: 49.32 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

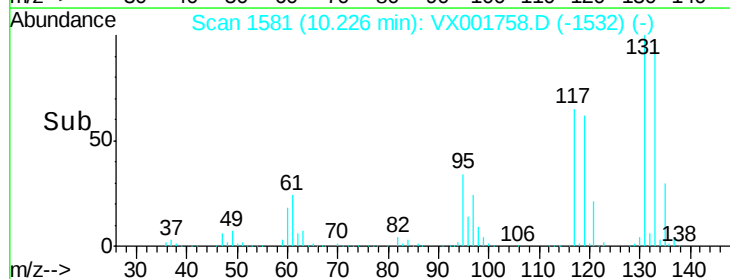
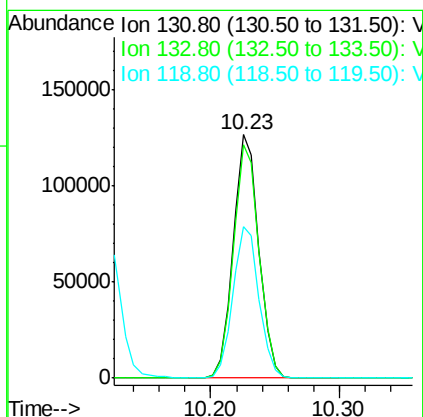
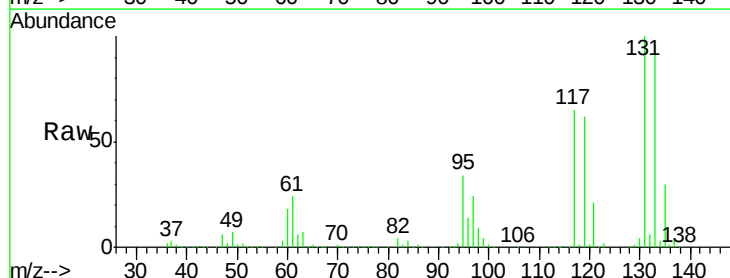
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

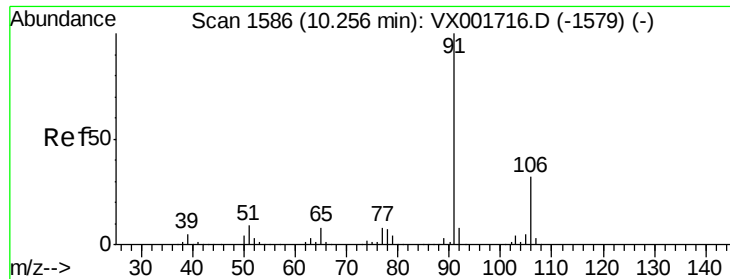
Tgt Ion:112 Resp: 460249
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.98 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion:131 Resp: 174599
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.6
119 63.4 31.9 95.5

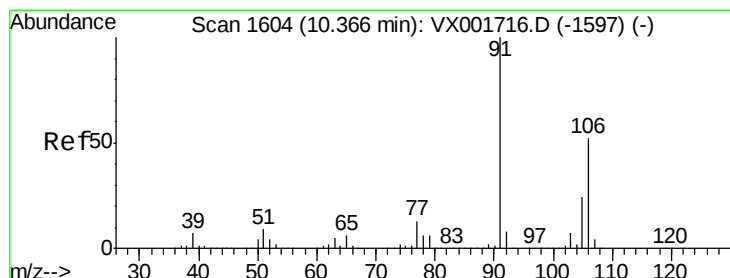
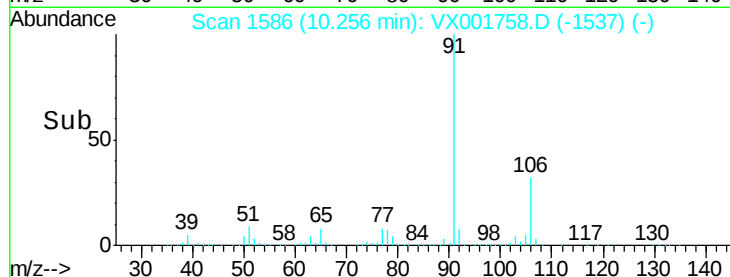
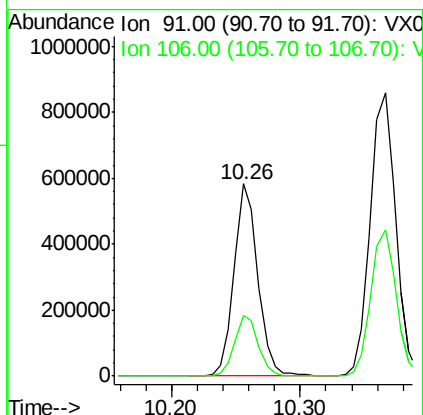
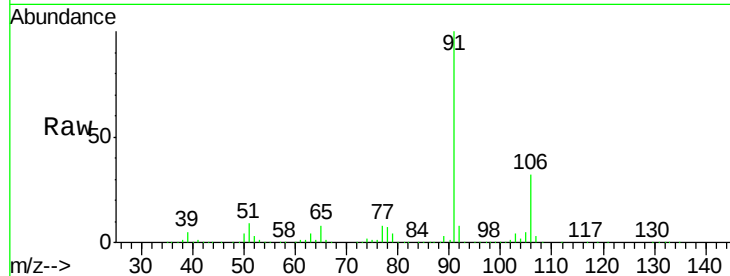




#67
Ethyl Benzene
Concen: 50.75 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

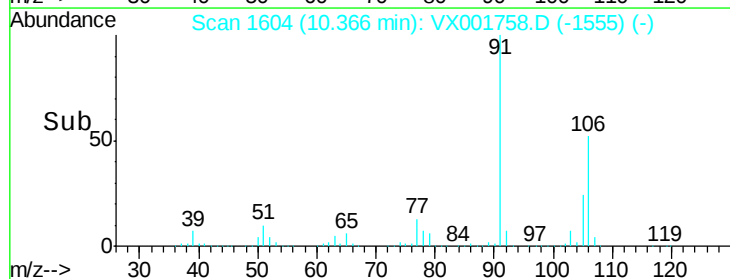
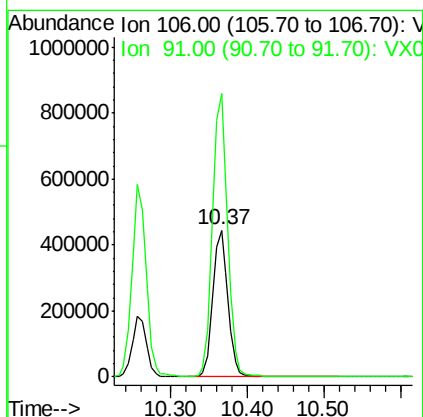
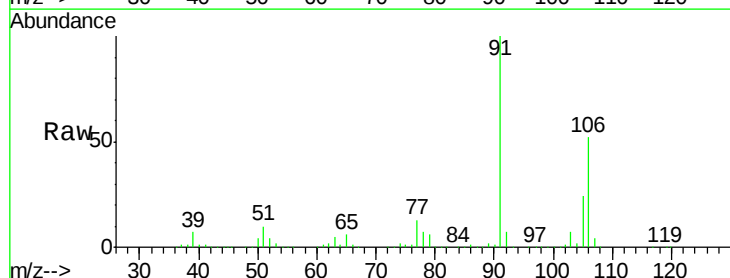
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

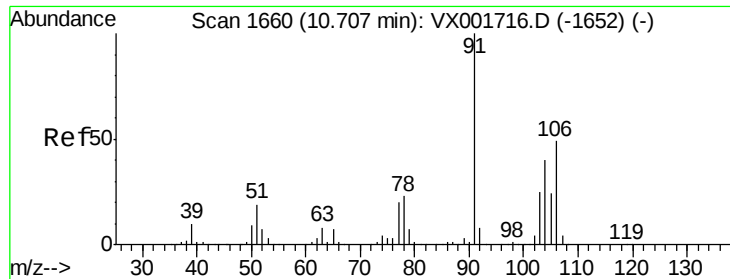
Tgt Ion: 91 Resp: 756905
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 102.73 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 106 Resp: 604454
Ion Ratio Lower Upper
106 100
91 194.2 155.4 233.2

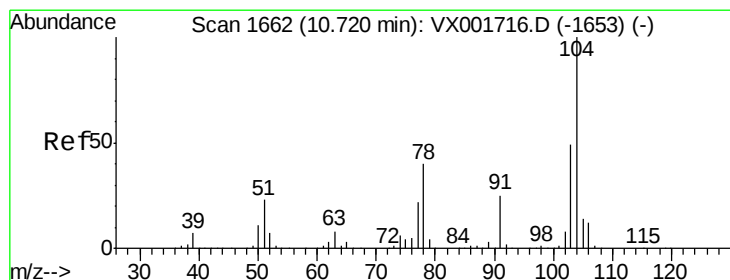
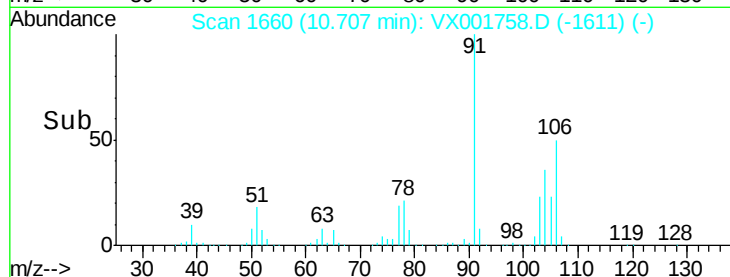
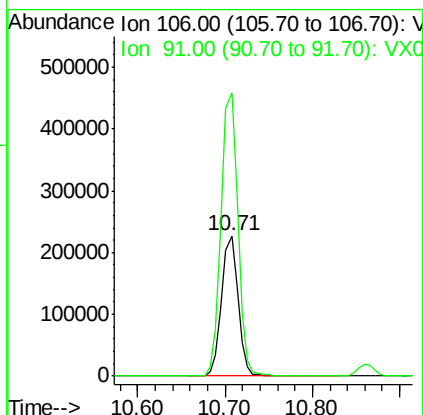
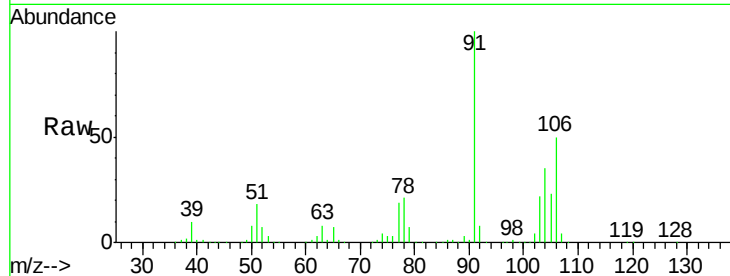




#69
o-Xylene
Concen: 52.36 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

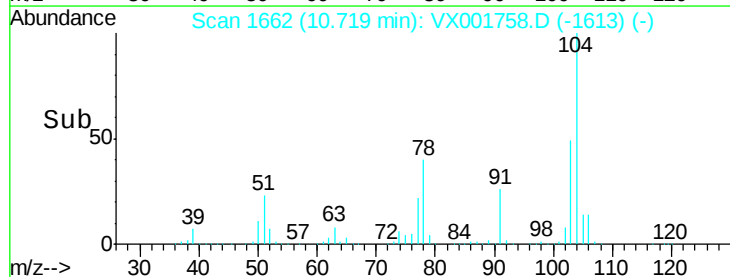
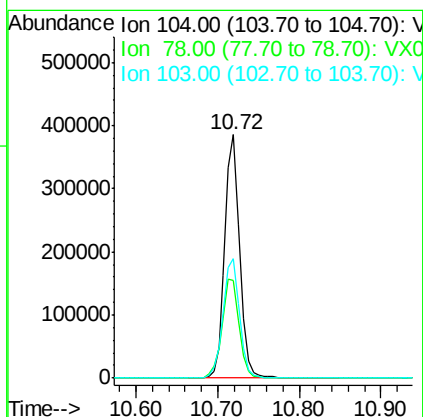
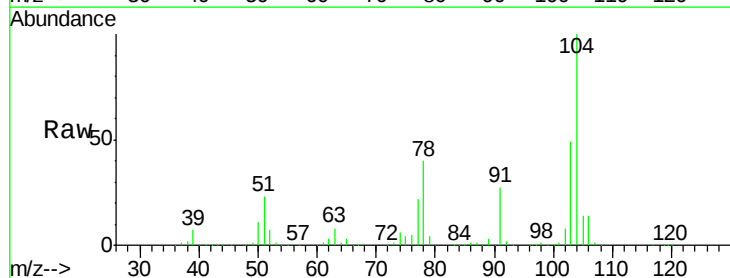
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

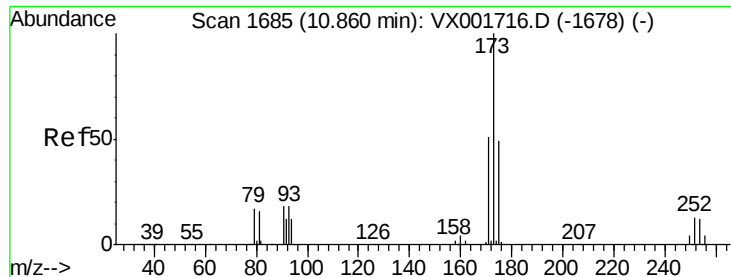
Tgt Ion:106 Resp: 295071
Ion Ratio Lower Upper
106 100
91 206.1 103.4 310.2



#70
Styrene
Concen: 52.68 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion:104 Resp: 489622
Ion Ratio Lower Upper
104 100
78 47.0 37.3 55.9
103 54.6 43.7 65.5

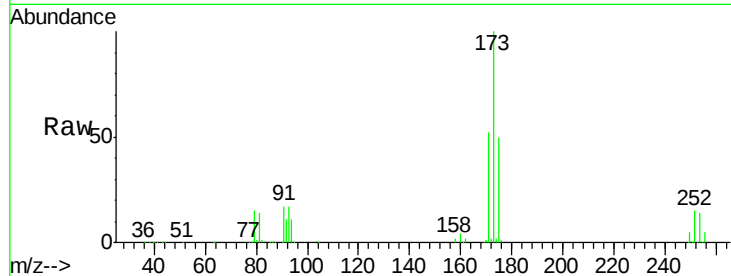




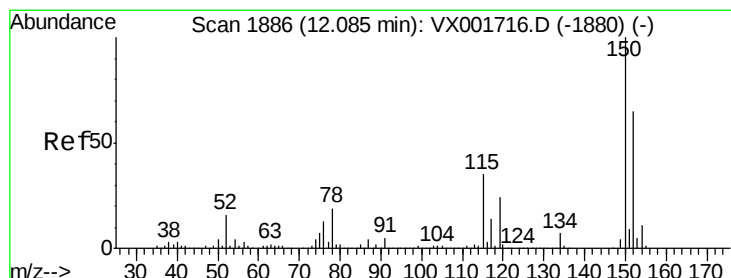
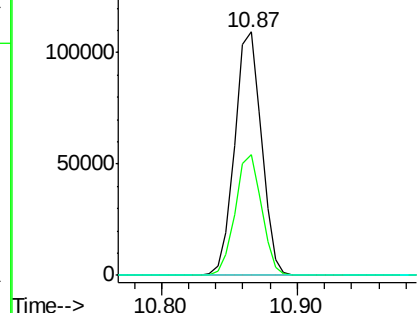
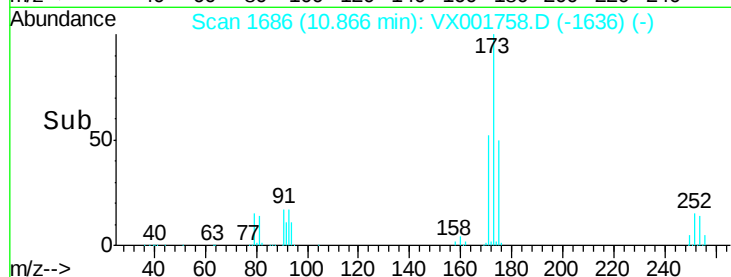
#71
Bromoform
Concen: 48.73 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 149234
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.2 0.2 0.2

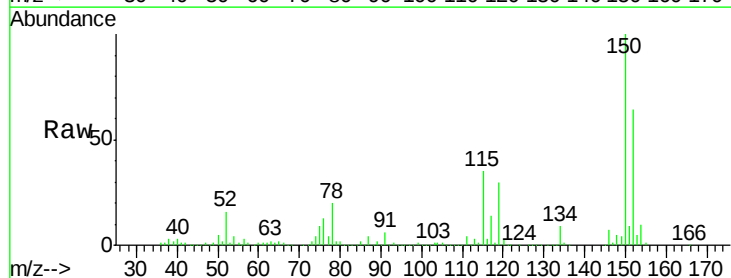


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

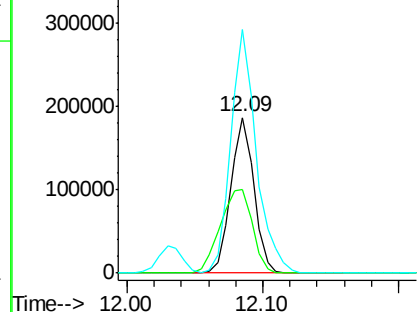
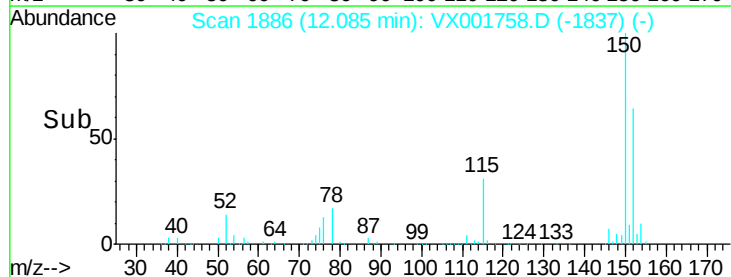


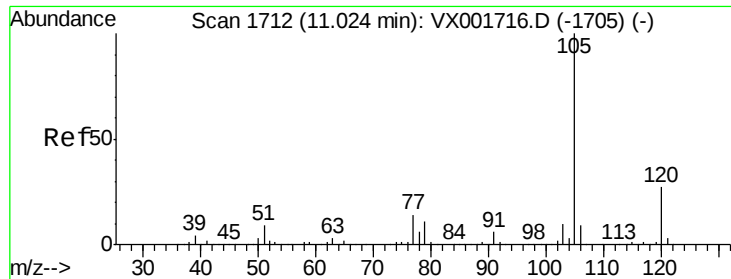
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion:152 Resp: 218147
Ion Ratio Lower Upper
152 100
115 75.3 37.4 112.2
150 174.2 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: 54.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

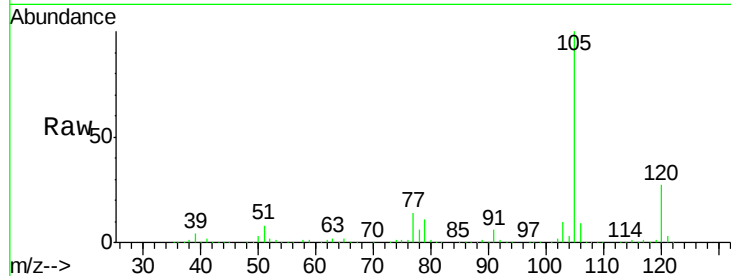
VSTDCCC050EC

Tgt Ion: 105 Resp: 780869

Ion Ratio Lower Upper

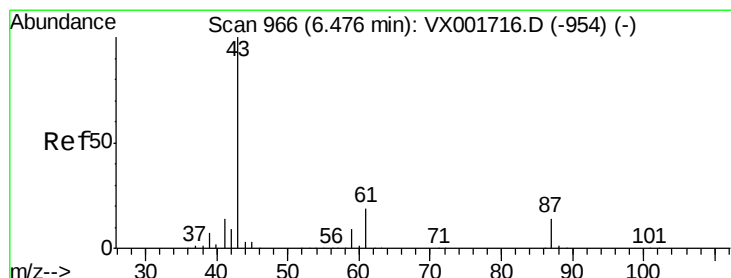
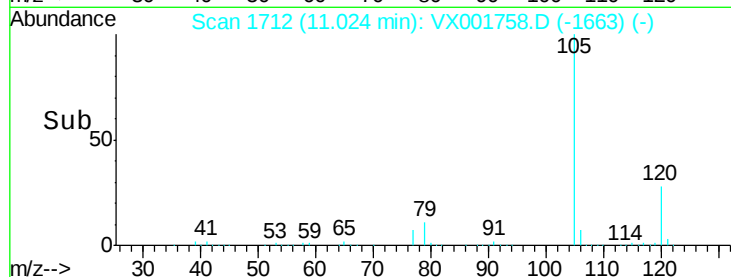
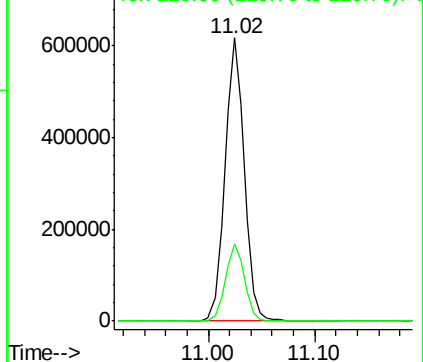
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.55 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Tgt Ion: 43 Resp: 389497

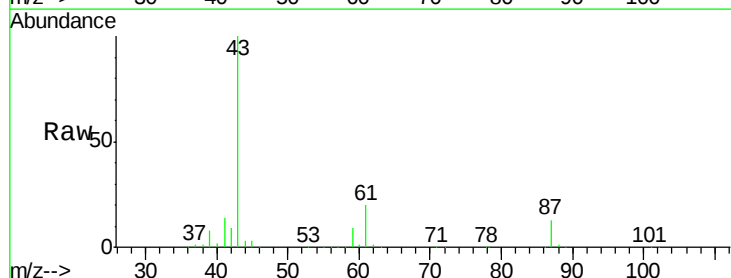
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.1 15.8 23.8

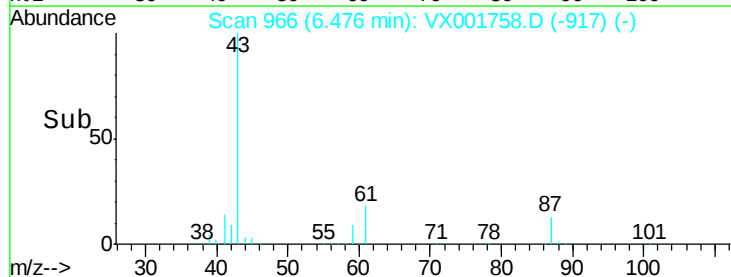
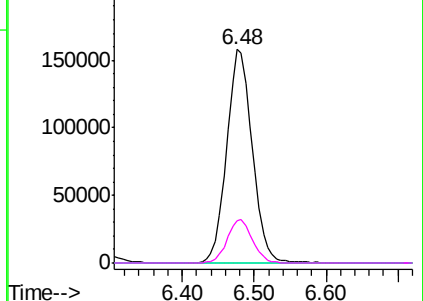


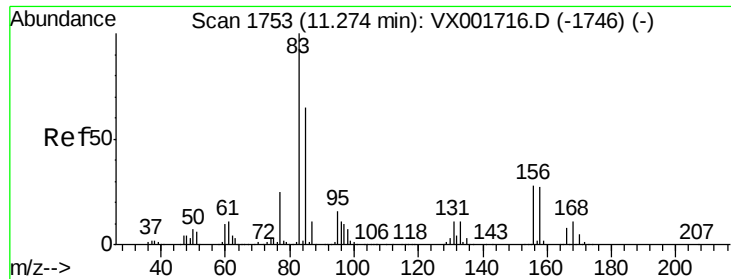
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

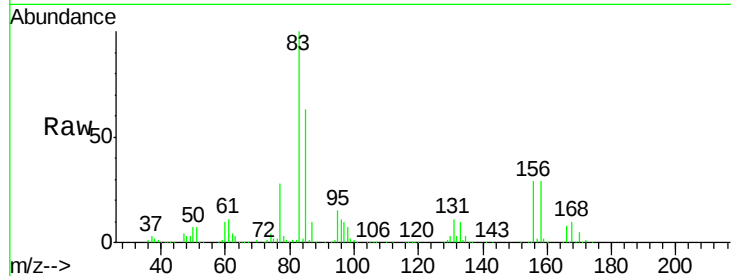
Tgt Ion: 83 Resp: 235926

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

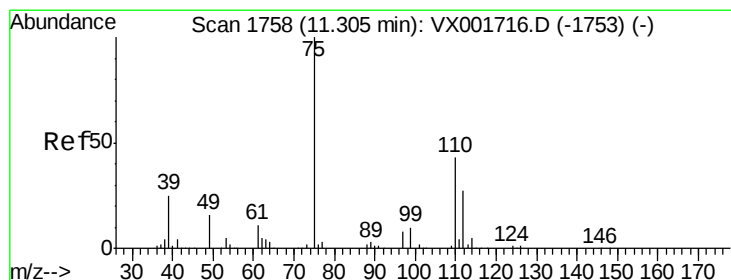
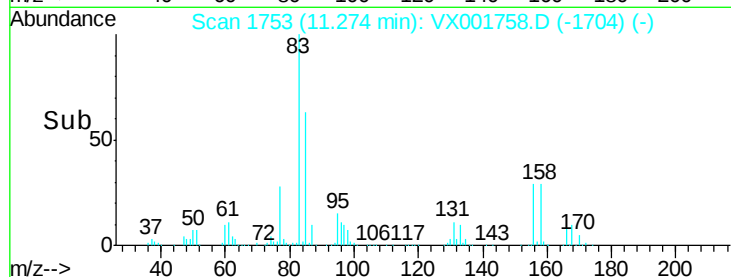
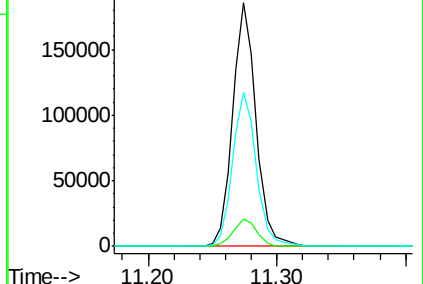
85 64.2 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.07 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001758.D

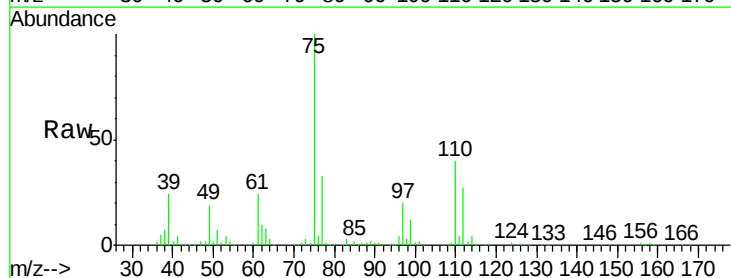
Acq: 15 May 2018 20:58

Tgt Ion: 75 Resp: 274064

Ion Ratio Lower Upper

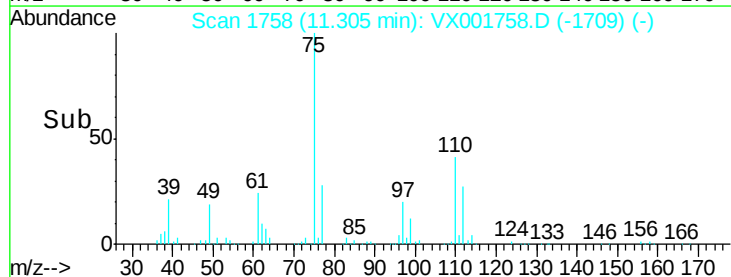
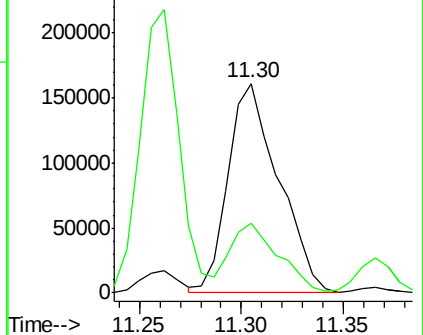
75 100

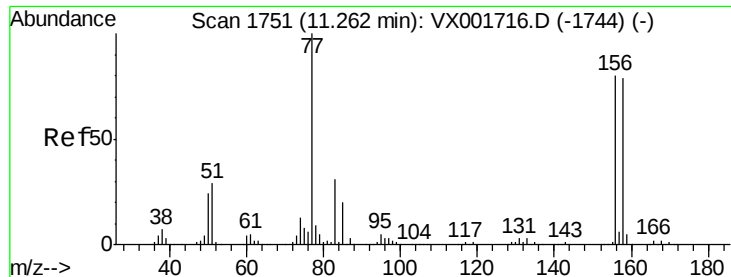
77 32.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

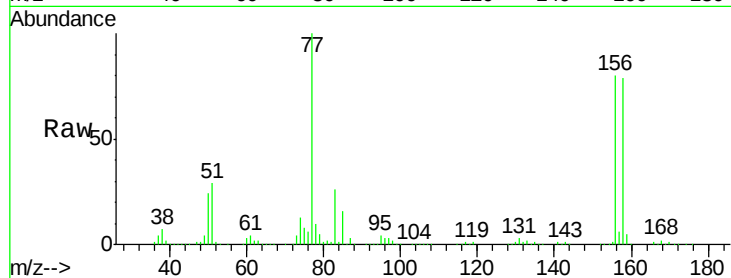
Tgt Ion:156 Resp: 222664

Ion Ratio Lower Upper

156 100

77 129.4 65.3 196.0

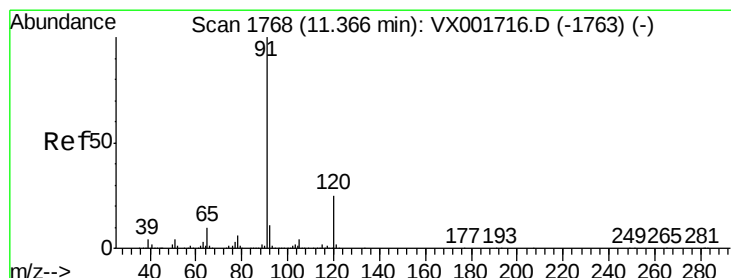
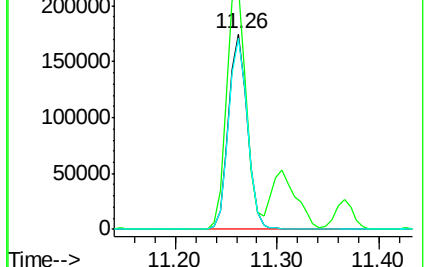
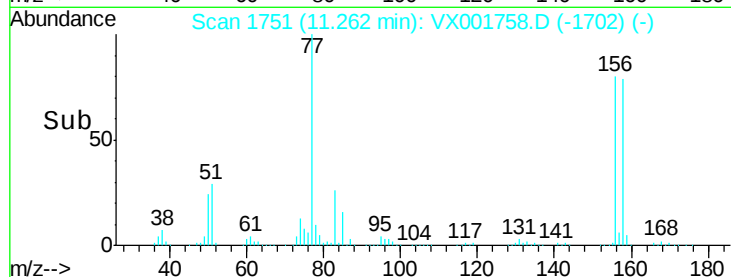
158 98.5 49.1 147.3



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: 52.38 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001758.D

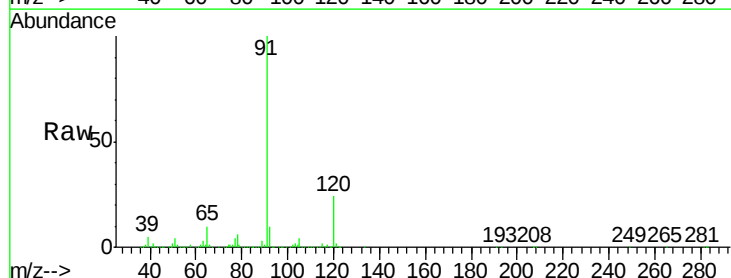
Acq: 15 May 2018 20:58

Tgt Ion: 91 Resp: 847782

Ion Ratio Lower Upper

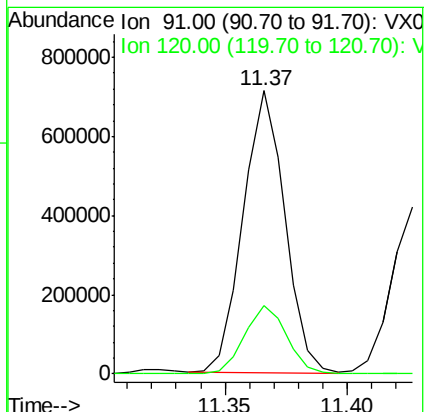
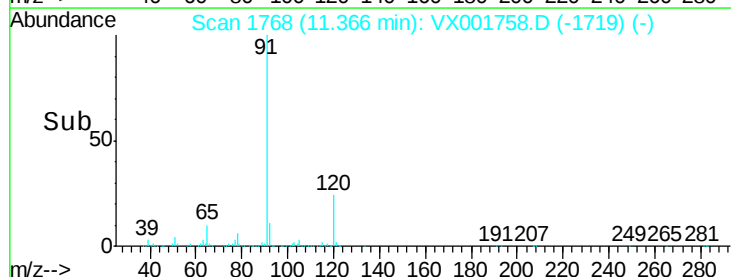
91 100

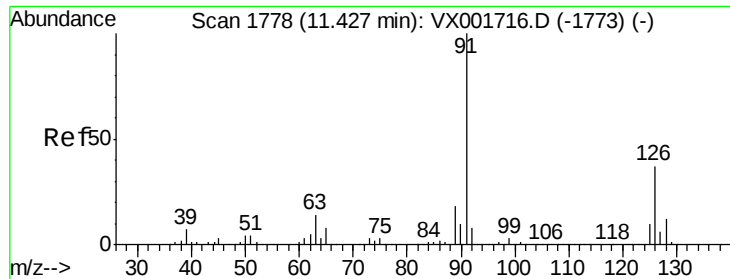
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

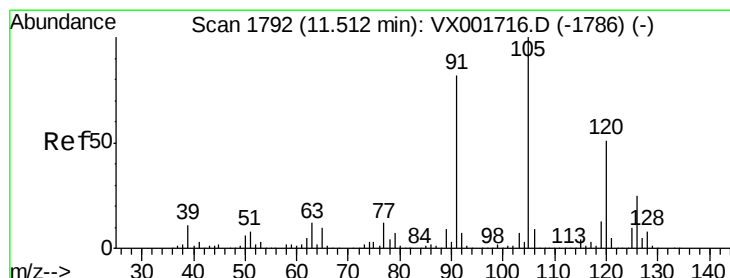
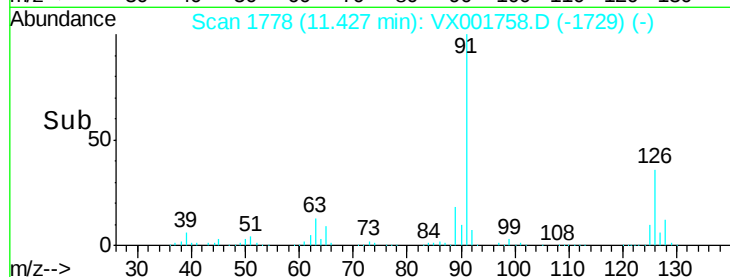
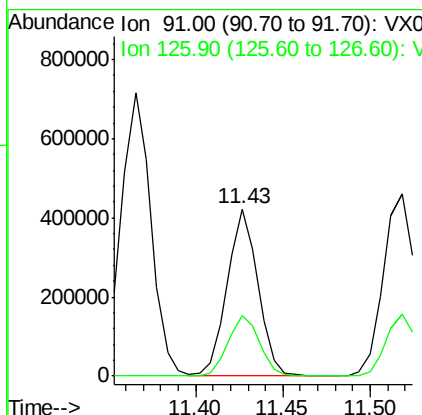
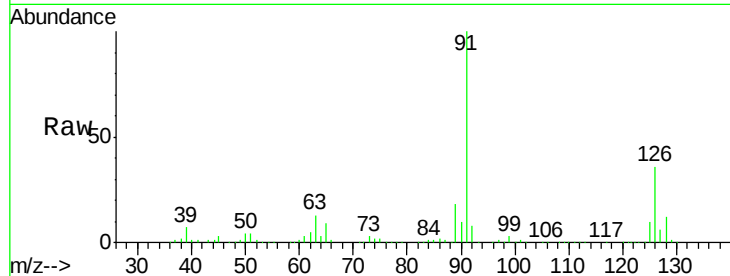




#79
 2-Chlorotoluene
 Concen: 53.19 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

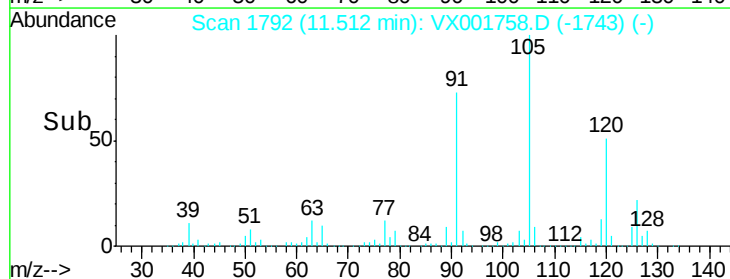
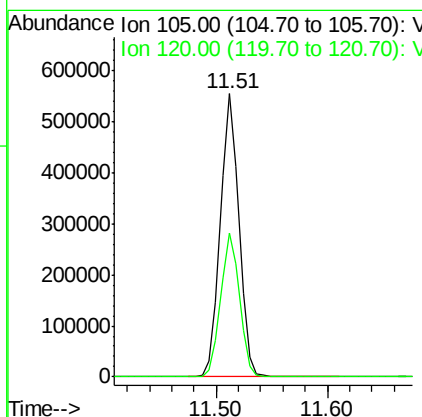
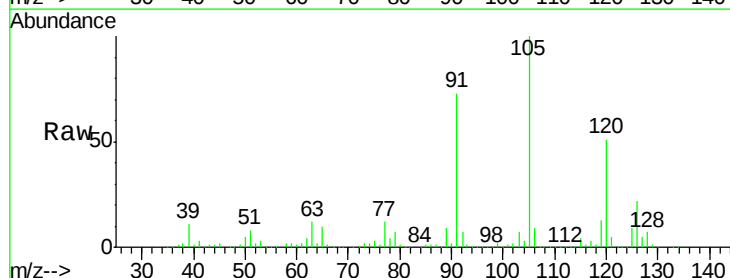
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

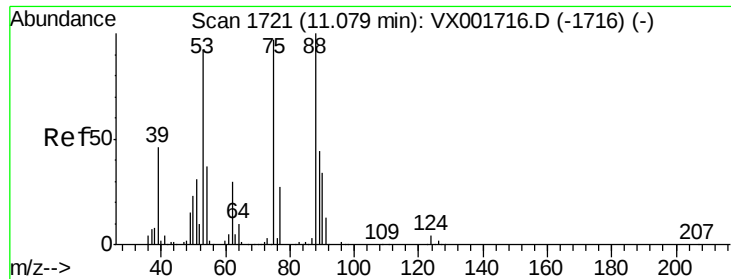
Tgt Ion: 91 Resp: 514839
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 54.61 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 105 Resp: 643589
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.43 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

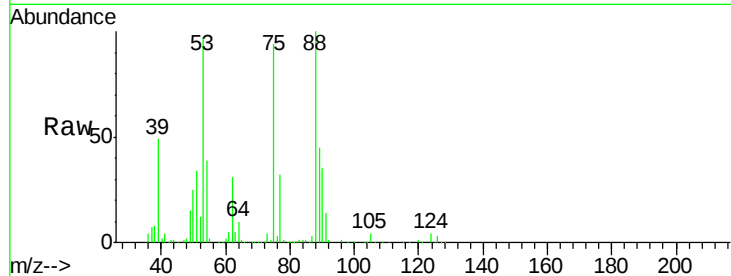
Tgt Ion: 75 Resp: 62787

Ion Ratio Lower Upper

75 100

53 99.6 79.4 119.2

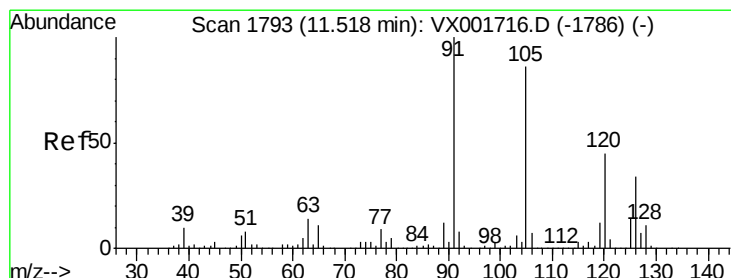
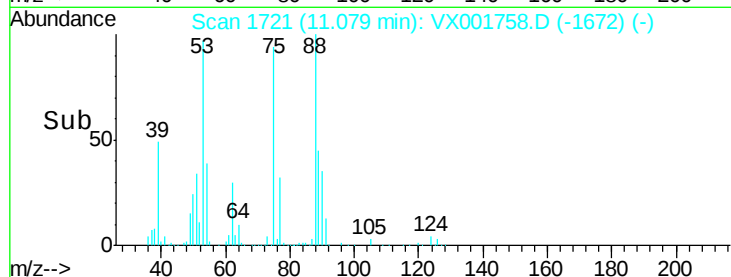
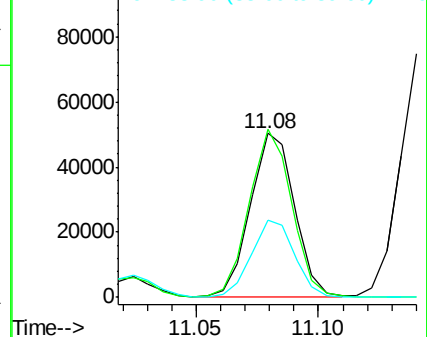
89 46.9 38.8 58.2



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: 51.40 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001758.D

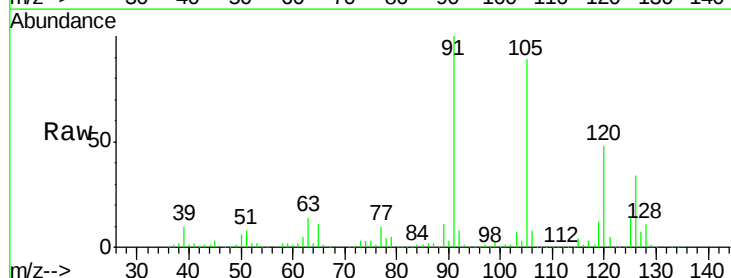
Acq: 15 May 2018 20:58

Tgt Ion: 91 Resp: 586119

Ion Ratio Lower Upper

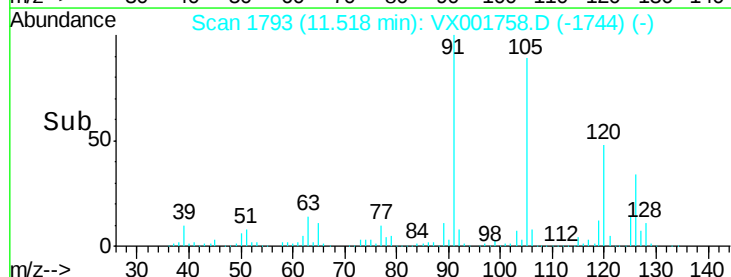
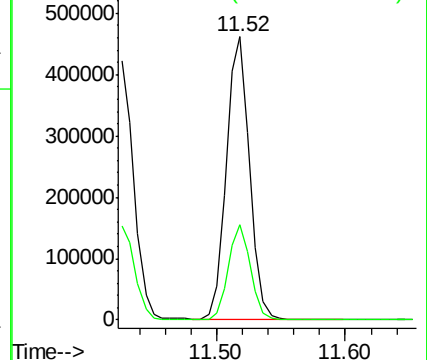
91 100

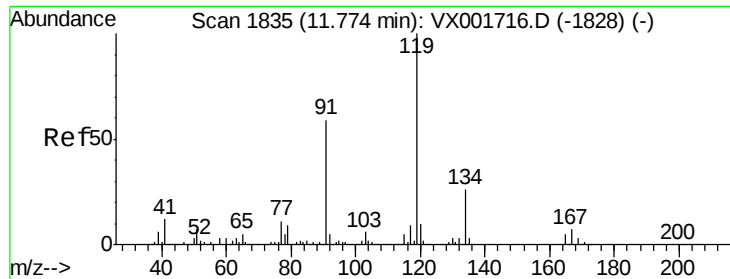
126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

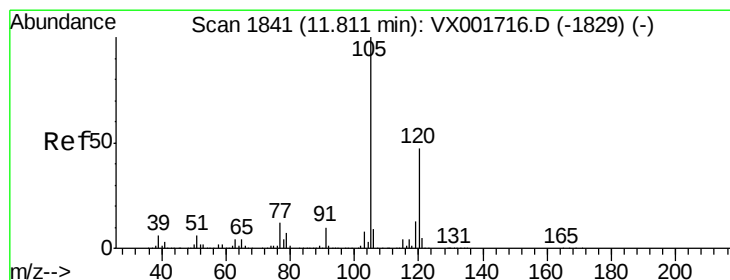
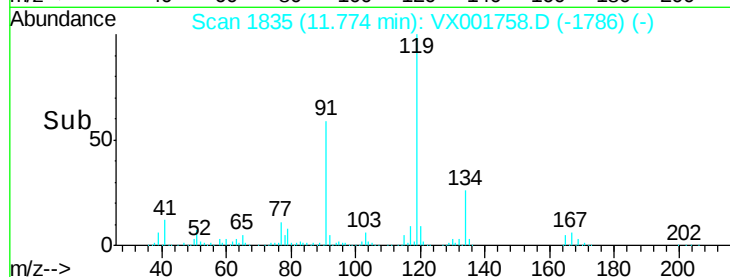
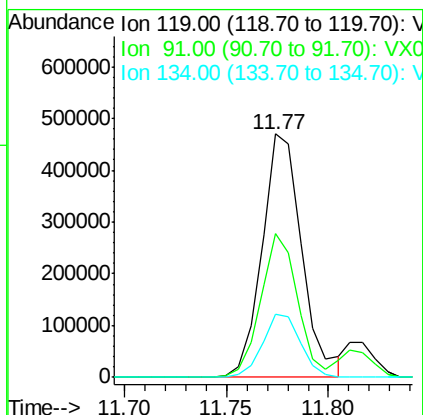
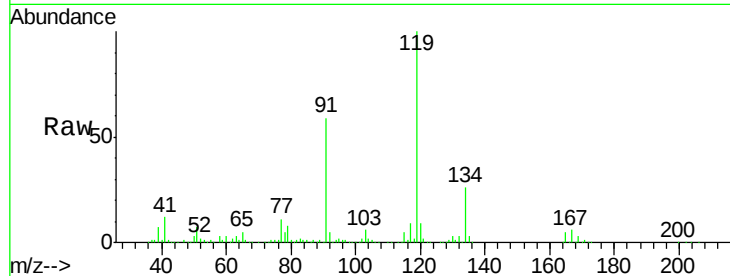




#83
 tert-Butylbenzene
 Concen: 54.55 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

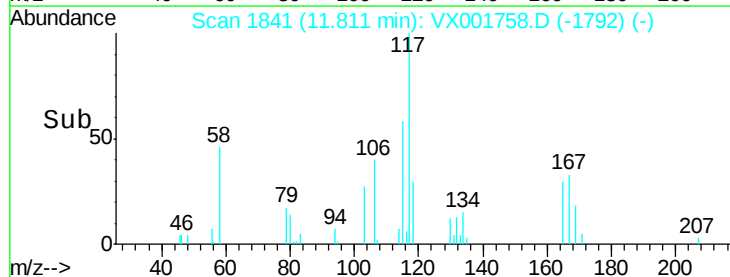
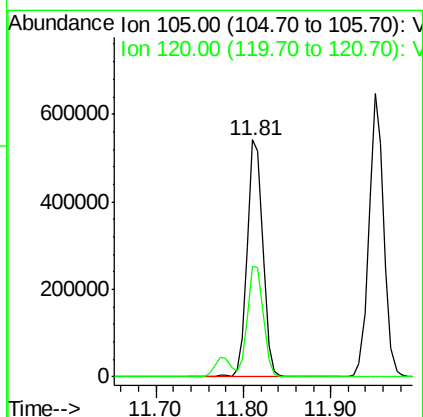
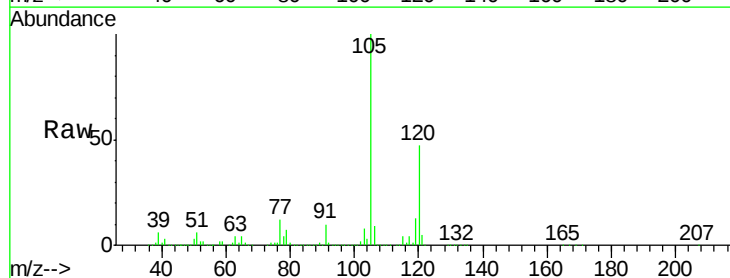
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

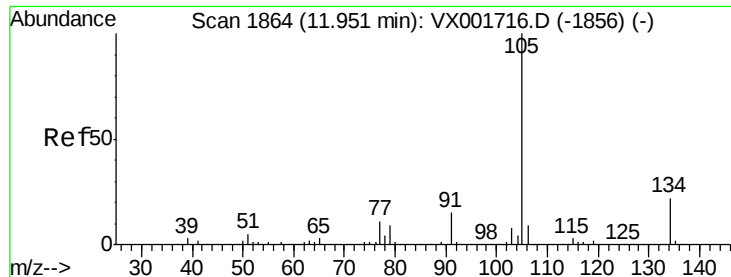
Tgt Ion:119 Resp: 639847
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.7 83.0
 134 24.8 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.59 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion:105 Resp: 666231
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5

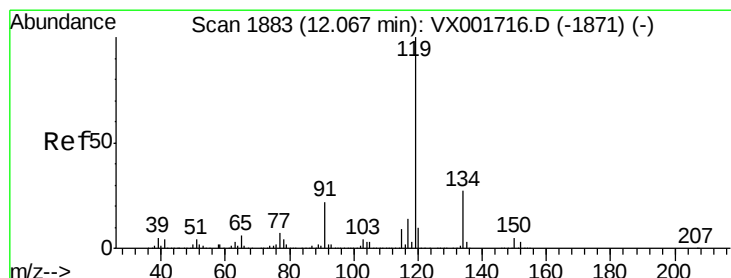
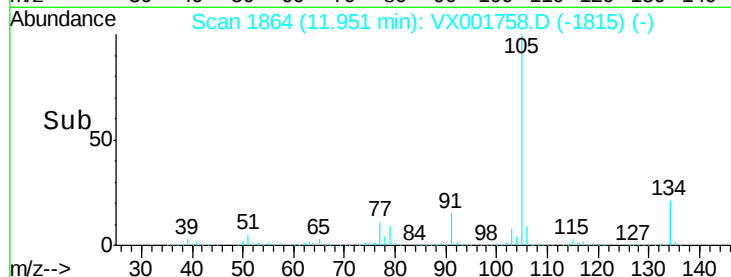
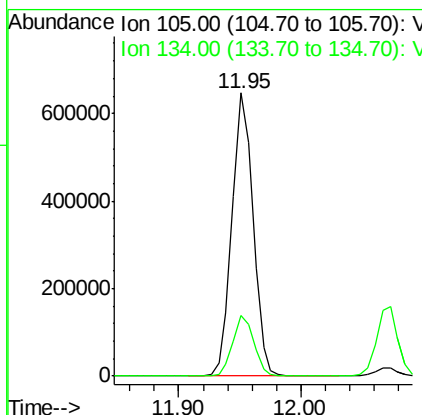
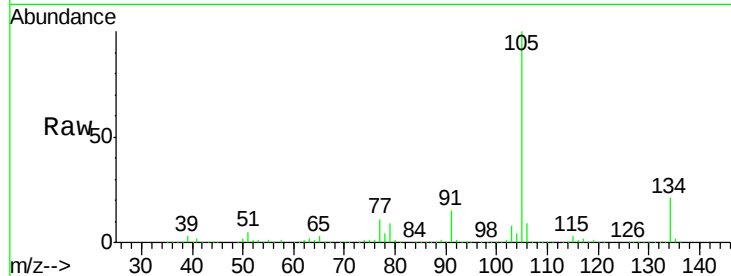




#85
 sec-Butylbenzene
 Concen: 53.08 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

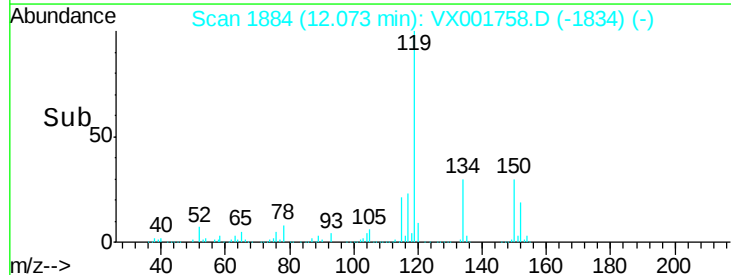
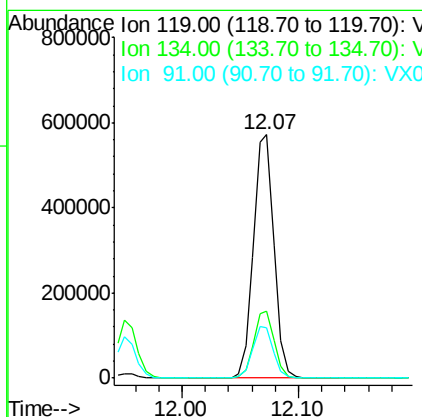
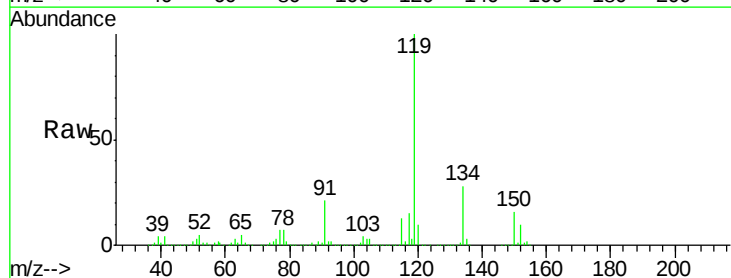
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 768559
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 52.55 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion:119 Resp: 704050
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.32 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

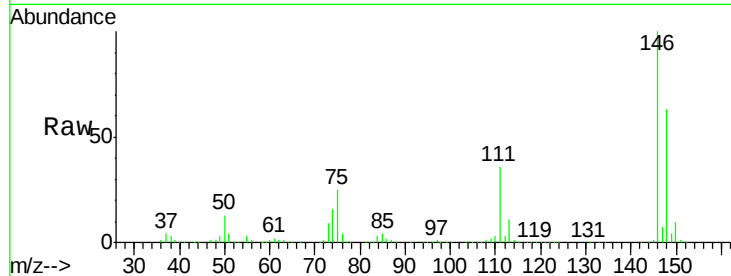
Tgt Ion:146 Resp: 392847

Ion Ratio Lower Upper

146 100

111 35.5 17.8 53.4

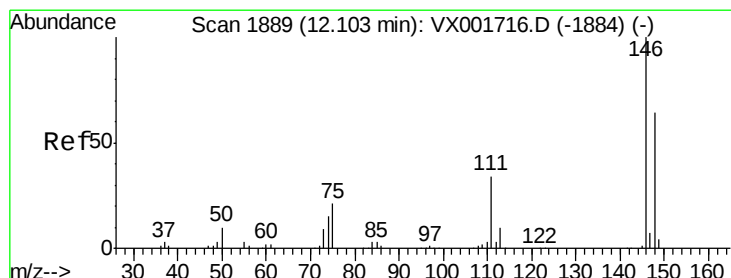
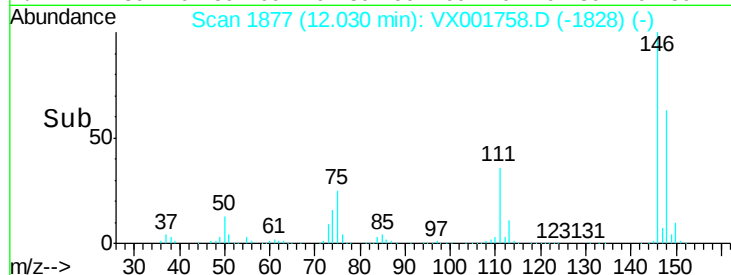
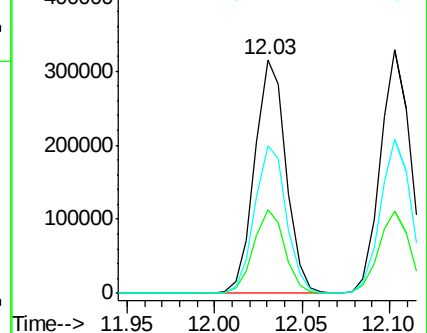
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

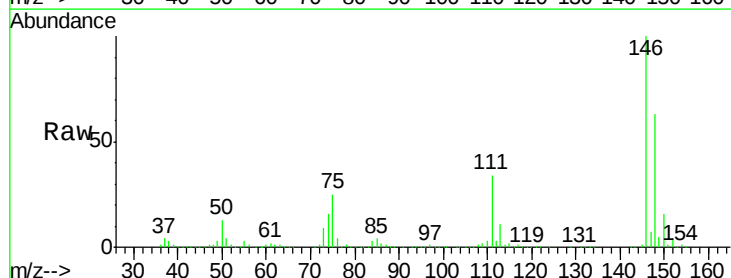
Tgt Ion:146 Resp: 393558

Ion Ratio Lower Upper

146 100

111 34.7 17.3 52.0

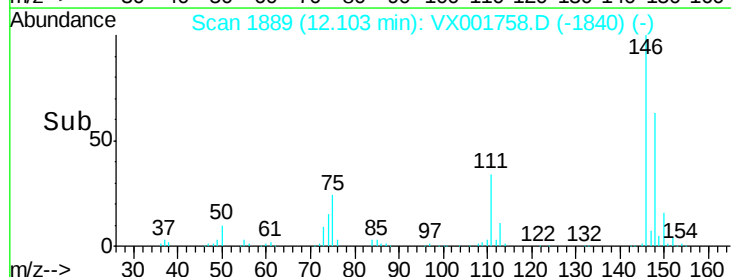
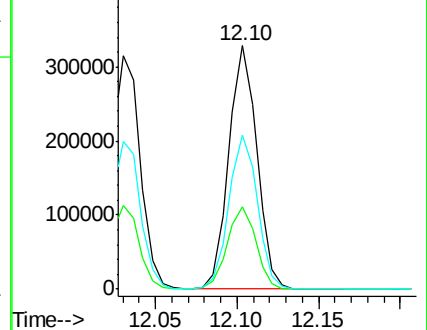
148 64.3 32.3 96.9



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

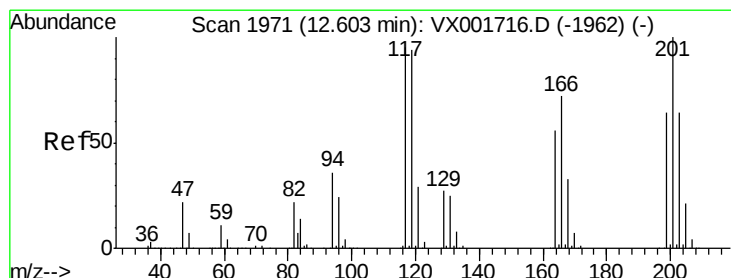
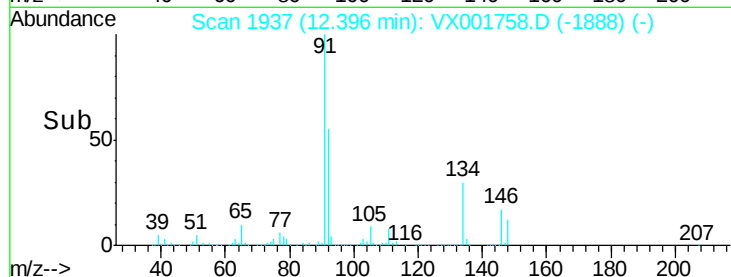
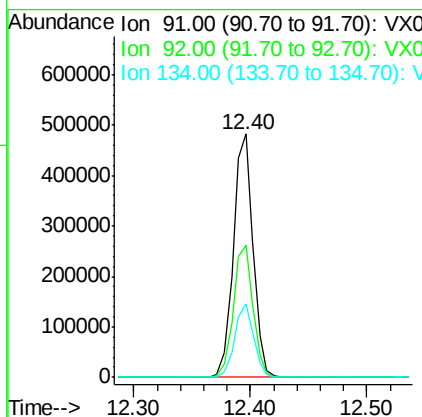
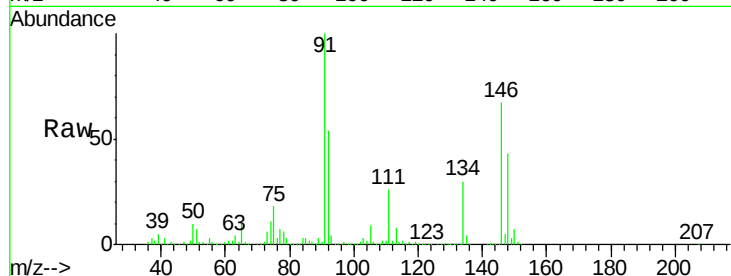




#89
n-Butylbenzene
Concen: 48.69 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

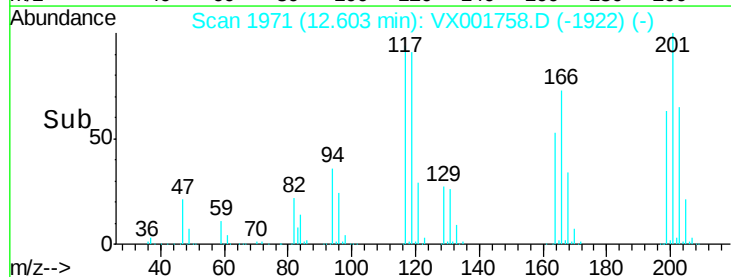
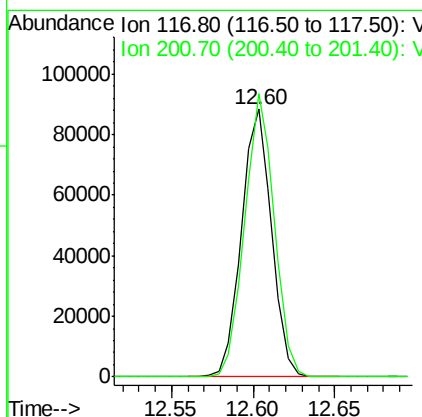
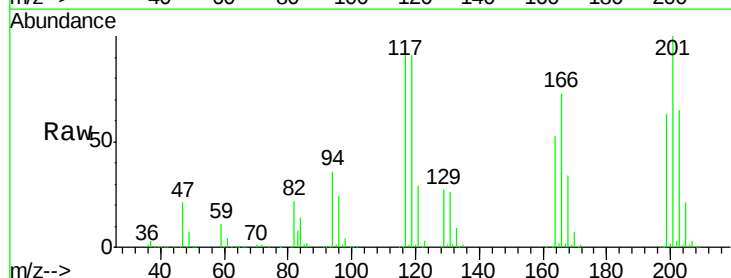
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

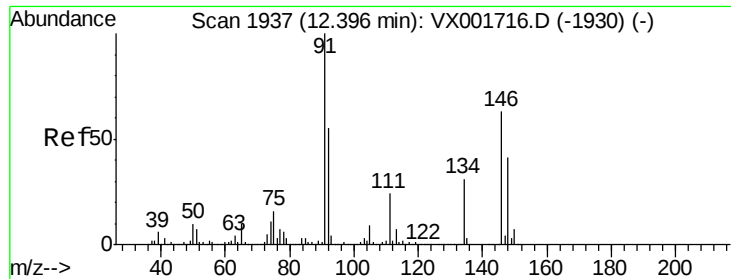
Tgt Ion: 91 Resp: 564157
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 29.3 14.7 44.1



#90
Hexachloroethane
Concen: 54.54 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001758.D
Acq: 15 May 2018 20:58

Tgt Ion: 117 Resp: 113477
Ion Ratio Lower Upper
117 100
201 104.0 51.9 155.7

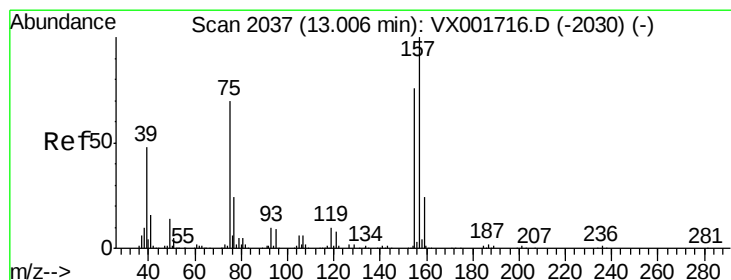
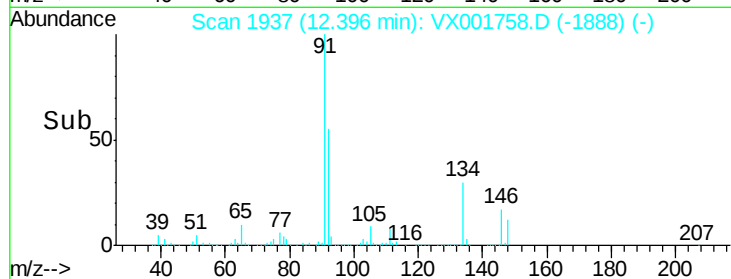
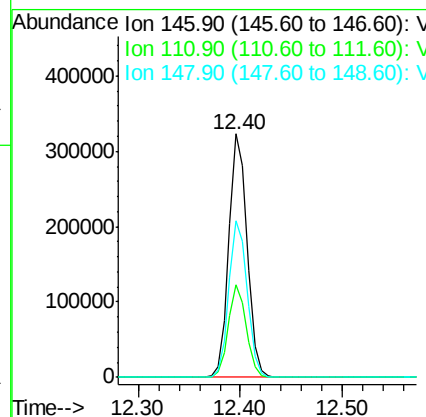
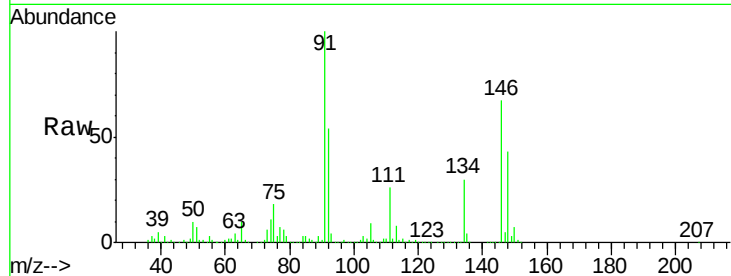




#91
 1,2-Dichlorobenzene
 Concen: 51.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

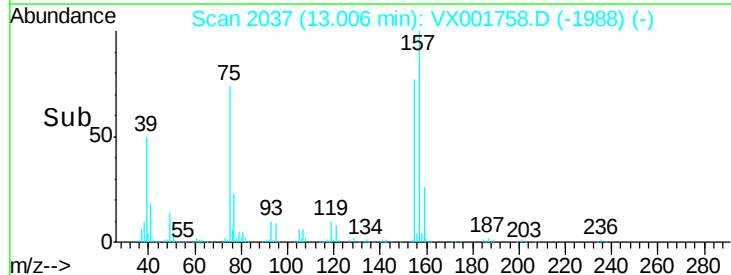
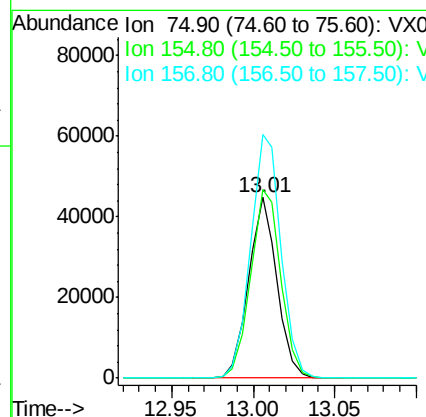
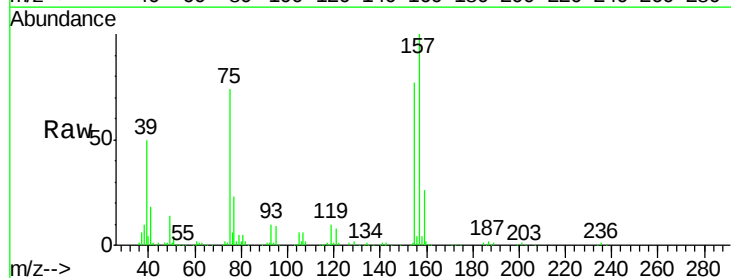
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 401632
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.94 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001758.D
 Acq: 15 May 2018 20:58

Tgt Ion: 75 Resp: 54213
 Ion Ratio Lower Upper
 75 100
 155 110.5 53.9 161.8
 157 144.3 71.0 213.2





#93

1,2,4-Trichlorobenzene

Concen: 48.15 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

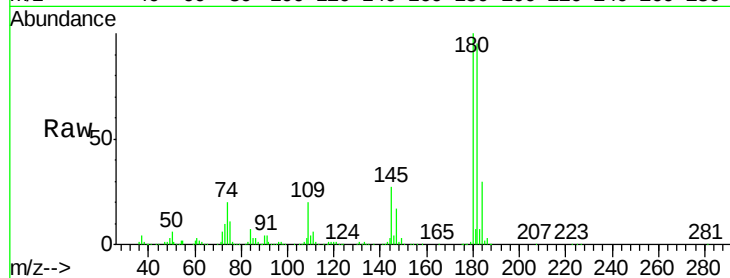
Tgt Ion:180 Resp: 298536

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

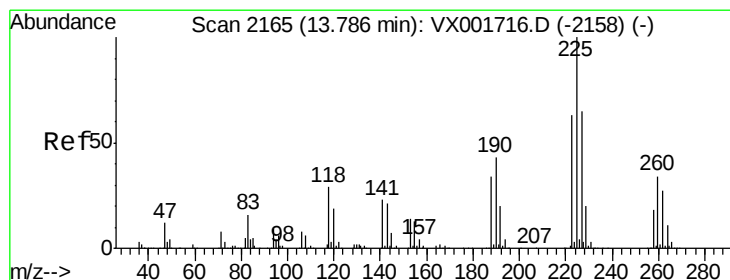
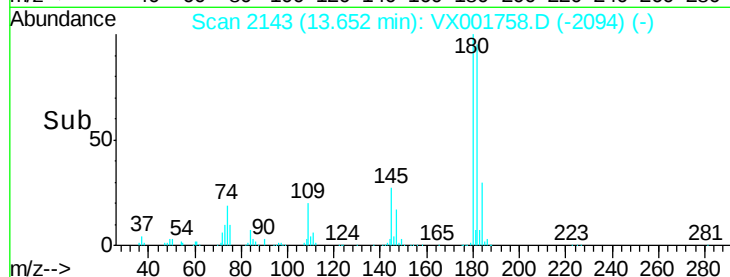
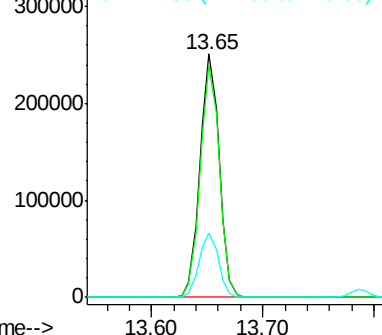
145 26.7 13.4 40.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.28 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

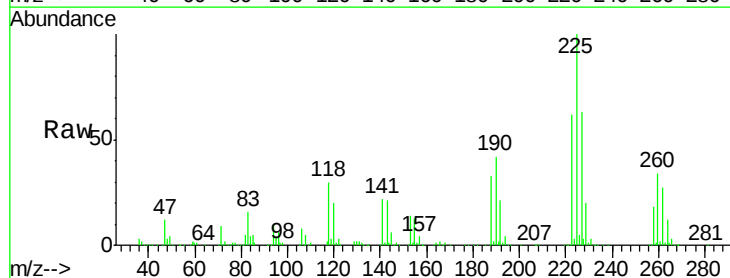
Tgt Ion:225 Resp: 154053

Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.5

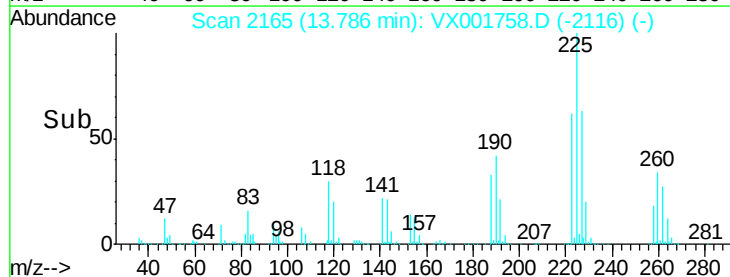
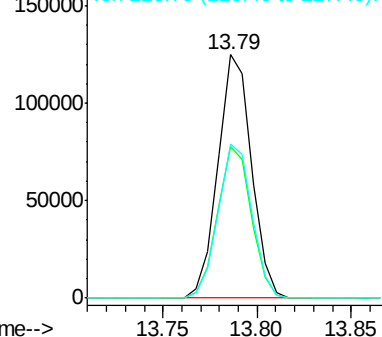
227 64.0 31.9 95.5

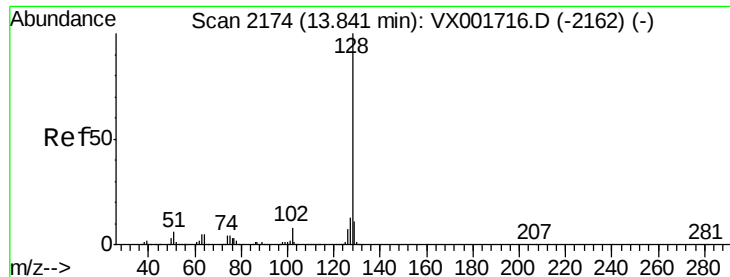


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

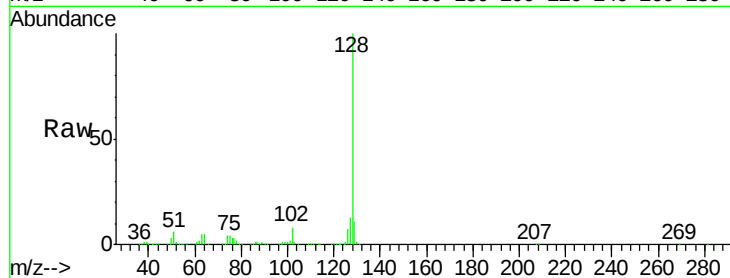
Tgt Ion:128 Resp: 894651

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

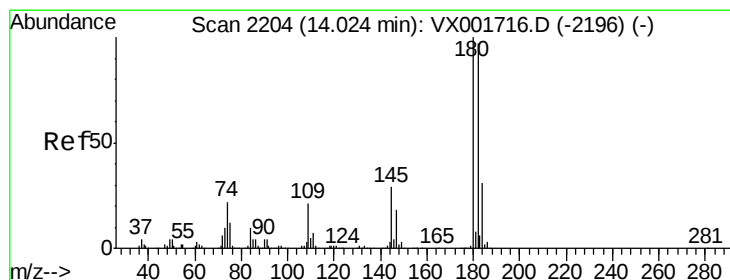
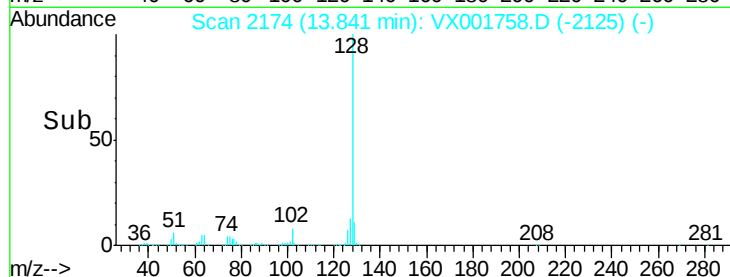
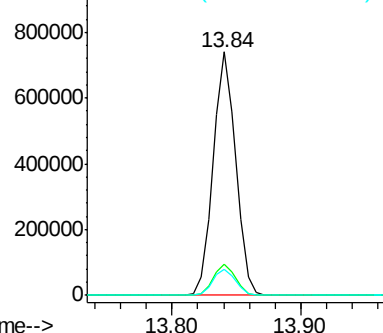
129 11.1 8.9 13.3



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: 50.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001758.D

Acq: 15 May 2018 20:58

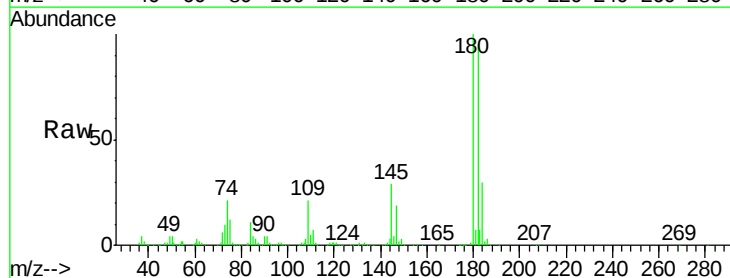
Tgt Ion:180 Resp: 315747

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 28.0 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

