

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001657.D
 Acq On : 11 May 2018 23:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 12 03:40:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204140	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150427	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
35) Dibromofluoromethane	5.51	113	128530	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	8.72	98	453340	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	171080	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	150781	47.35	ug/l	100
3) Chloromethane	1.32	50	145081	46.78	ug/l	99
4) Vinyl Chloride	1.40	62	158729	49.05	ug/l	99
5) Bromomethane	1.64	94	64085	42.76	ug/l	97
6) Chloroethane	1.71	64	105408	49.27	ug/l	100
7) Trichlorofluoromethane	1.92	101	237961	48.86	ug/l	98
8) Diethyl Ether	2.19	74	97966	51.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138351	48.45	ug/l	98
10) Methyl Iodide	2.51	142	163548	39.69	ug/l	99
11) Tert butyl alcohol	3.09	59	184949	258.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130559	49.88	ug/l	98
13) Acrolein	2.29	56	25501	177.07	ug/l	94
14) Allyl chloride	2.73	41	249132	51.05	ug/l	97
15) Acrylonitrile	3.15	53	423123	261.23	ug/l	100
16) Acetone	2.45	43	371847	240.88	ug/l	98
17) Carbon Disulfide	2.57	76	306793	46.06	ug/l	99
18) Methyl Acetate	2.78	43	236091	58.21	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	473058	51.91	ug/l	99
20) Methylene Chloride	2.86	84	150639	49.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	138767	47.51	ug/l	97
22) Diisopropyl ether	3.88	45	483829	53.06	ug/l	98
23) Vinyl Acetate	3.83	43	1990860	262.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	267228	52.47	ug/l	99
25) 2-Butanone	4.72	43	581733	260.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	169695	43.14	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	168678	54.22	ug/l	94
28) Bromochloromethane	5.03	49	114460	51.83	ug/l	99
29) Tetrahydrofuran	5.18	42	375078	262.71	ug/l	100
30) Chloroform	5.22	83	280155	53.40	ug/l	100
31) Cyclohexane	5.58	56	220069	50.31	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248987	54.30	ug/l	100
36) 1,1-Dichloropropene	5.81	75	195763	50.07	ug/l	100
37) Ethyl Acetate	4.87	43	222060	51.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	223428	53.58	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001657.D
 Acq On : 11 May 2018 23:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: May 12 03:40:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227308	49.17	ug/l	98
40) Benzene	6.15	78	595244	52.12	ug/l	97
41) Methacrylonitrile	5.07	41	128702	52.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228019	51.95	ug/l	100
43) Isopropyl Acetate	6.48	43	355219	53.99	ug/l	100
44) Trichloroethene	7.22	130	181104	51.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151499	53.21	ug/l	98
46) Dibromomethane	7.67	93	105805	52.49	ug/l	99
47) Bromodichloromethane	7.90	83	208465	55.88	ug/l	100
48) Methyl methacrylate	7.79	41	189777	52.97	ug/l	98
49) 1,4-Dioxane	7.76	88	81759	1056.23	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1200335	274.53	ug/l	99
52) Toluene	8.79	92	397614	53.24	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234918	55.72	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	215365	49.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	157594	52.38	ug/l	100
56) Ethyl methacrylate	9.19	69	234201	54.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258877	52.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	595642	280.02	ug/l	100
59) 2-Hexanone	9.51	43	880385	262.95	ug/l	99
60) Dibromochloromethane	9.59	129	173601	56.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165810	52.49	ug/l	99
64) Tetrachloroethene	9.34	164	211931	52.99	ug/l	98
65) Chlorobenzene	10.15	112	439131	52.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	167543	55.66	ug/l	99
67) Ethyl Benzene	10.26	91	726211	52.65	ug/l	100
68) m/p-Xylenes	10.37	106	579268	106.29	ug/l	99
69) o-Xylene	10.71	106	284079	53.64	ug/l	99
70) Styrene	10.72	104	473443	55.02	ug/l	99
71) Bromoform	10.87	173	141649	49.01	ug/l	100
73) Isopropylbenzene	11.02	105	764344	54.09	ug/l	100
74) N-amyl acetate	6.48	43	355219	55.34	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229634	55.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	265955	64.24	ug/l	87
77) Bromobenzene	11.26	156	216633	52.73	ug/l	99
78) n-propylbenzene	11.37	91	842983	54.78	ug/l	100
79) 2-Chlorotoluene	11.43	91	503491	53.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	634091	53.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59974	46.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	586157	53.65	ug/l	100
83) tert-Butylbenzene	11.77	119	625048	53.39	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	657509	54.37	ug/l	100
85) sec-Butylbenzene	11.95	105	773007	55.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	708885	54.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385750	52.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388746	51.89	ug/l	99
89) n-Butylbenzene	12.40	91	569276	53.30	ug/l	100
90) Hexachloroethane	12.60	117	113254	58.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396633	53.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53950	58.83	ug/l	100

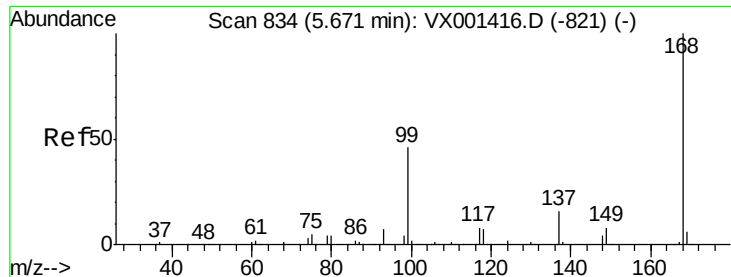
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
Data File : VX001657.D
Acq On : 11 May 2018 23:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 12 03:40:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297130	54.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	155536	51.99	ug/l	99
95) Naphthalene	13.84	128	868916	57.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	310283	55.30	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

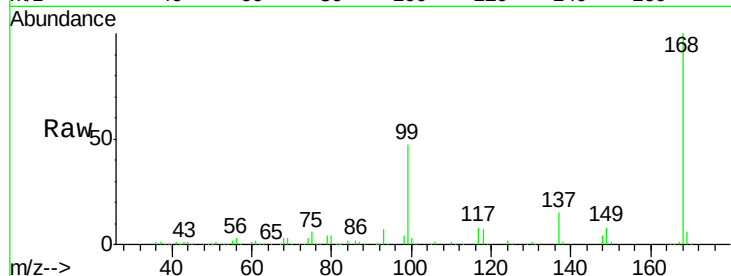
VSTDCCC050EC

Tgt Ion:168 Resp: 236530

Ion Ratio Lower Upper

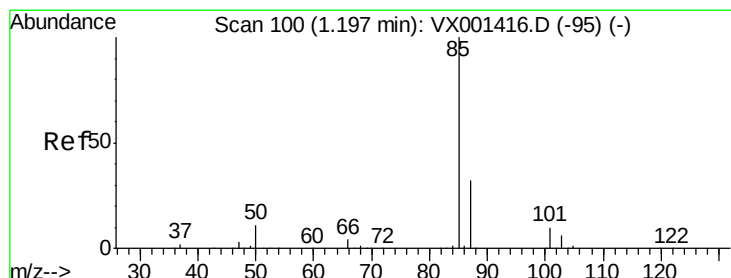
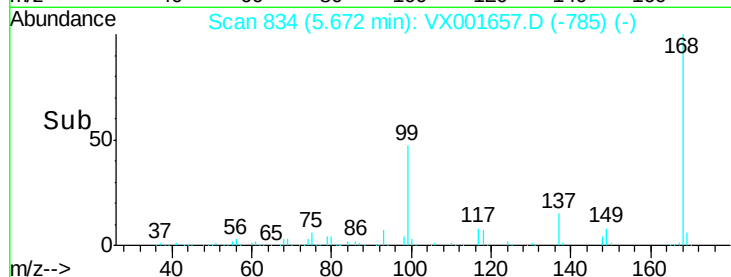
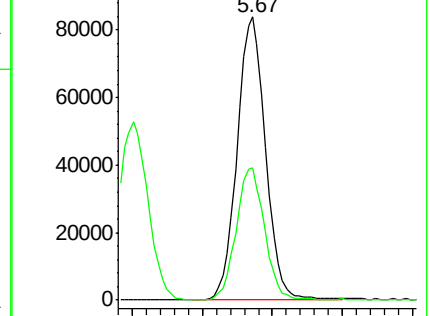
168 100

99 46.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001657.D

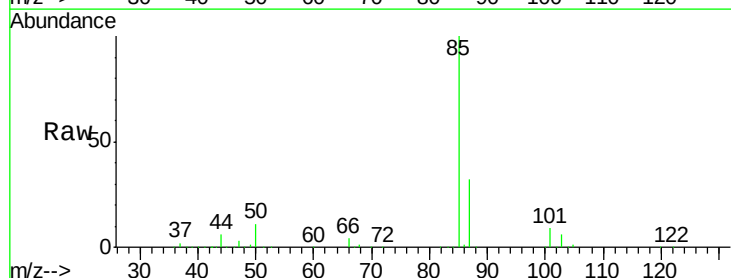
Acq: 11 May 2018 23:15

Tgt Ion: 85 Resp: 150781

Ion Ratio Lower Upper

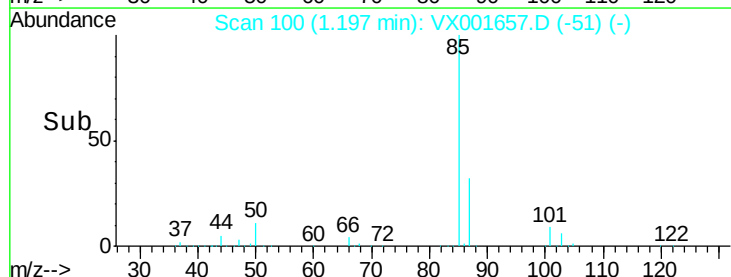
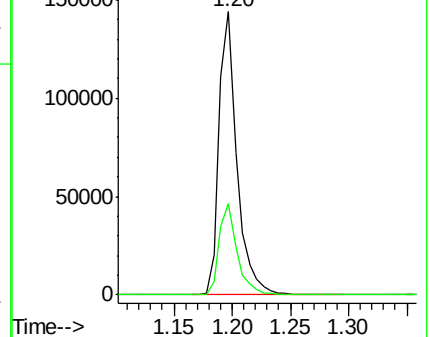
85 100

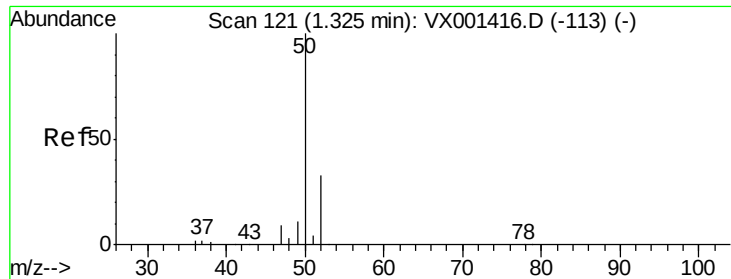
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

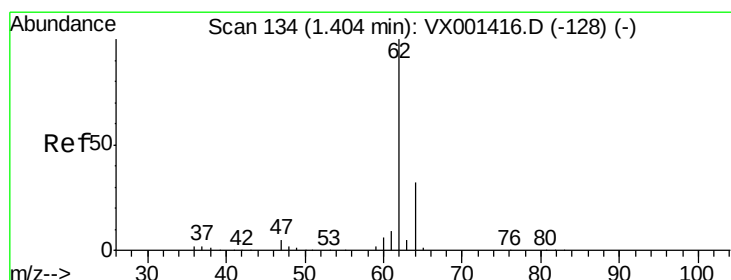
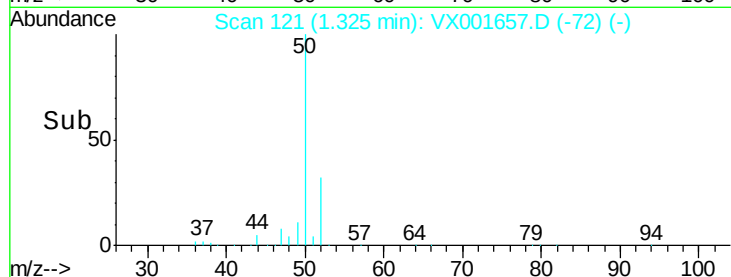
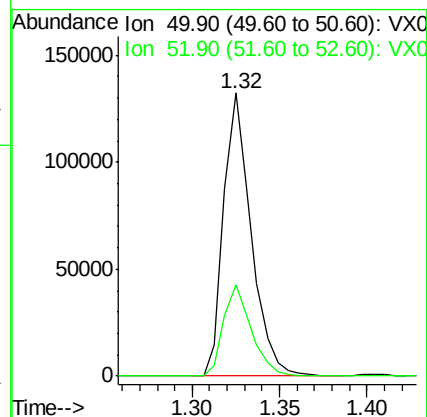
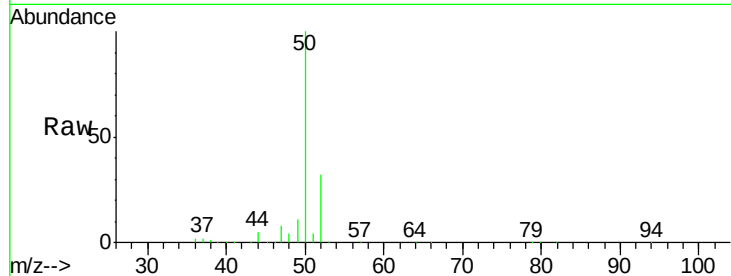
VSTDCCC050EC

Tgt Ion: 50 Resp: 145081

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.4



#4

Vinyl Chloride

Concen: 49.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001657.D

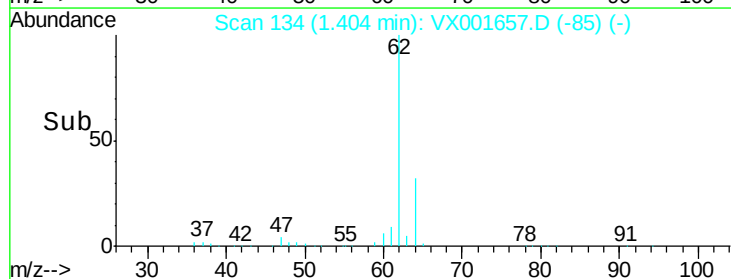
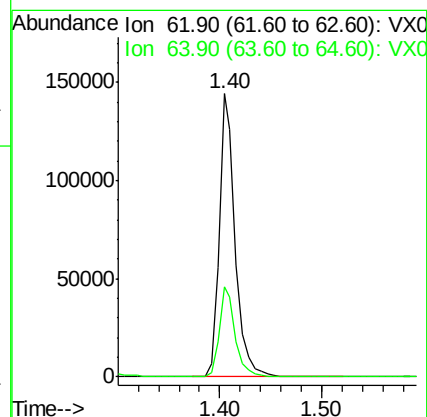
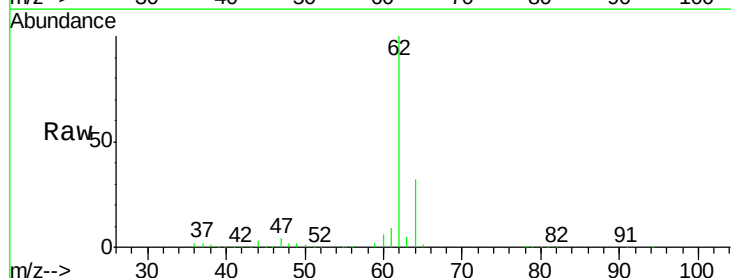
Acq: 11 May 2018 23:15

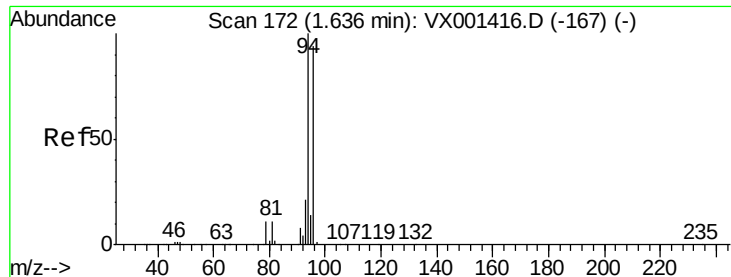
Tgt Ion: 62 Resp: 158729

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.6





#5

Bromomethane

Concen: 42.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

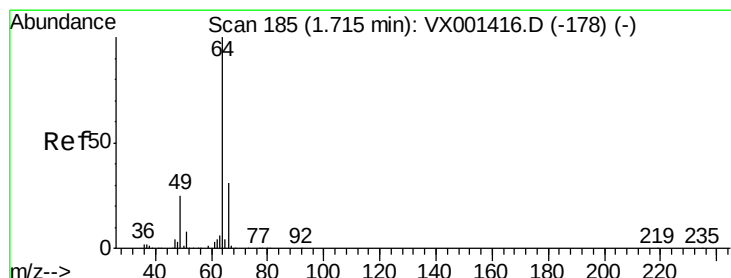
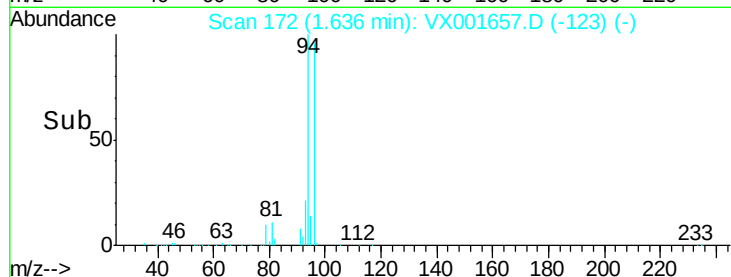
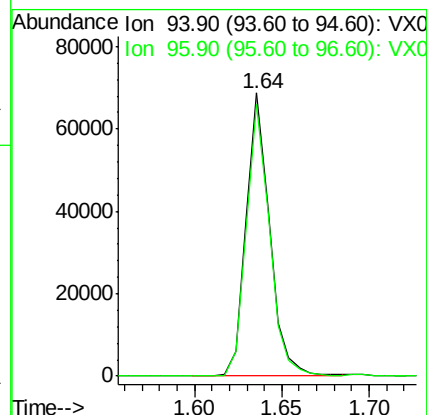
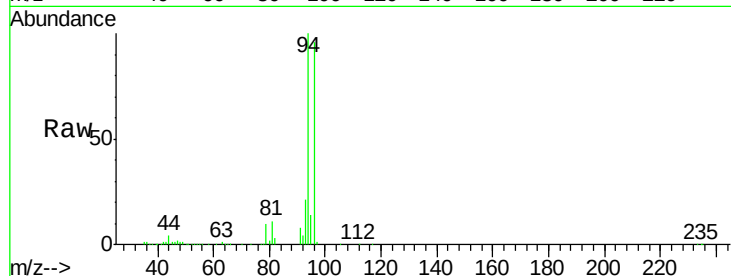
VSTDCCC050EC

Tgt Ion: 94 Resp: 64085

Ion Ratio Lower Upper

94 100

96 96.3 75.0 112.6



#6

Chloroethane

Concen: 49.27 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001657.D

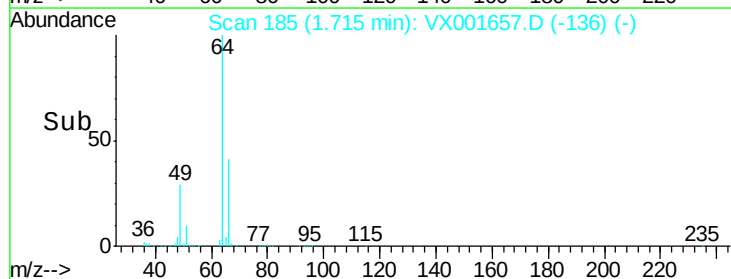
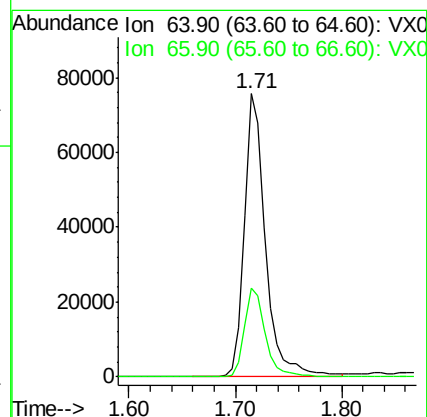
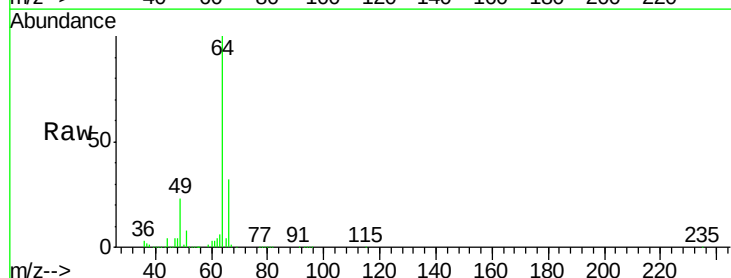
Acq: 11 May 2018 23:15

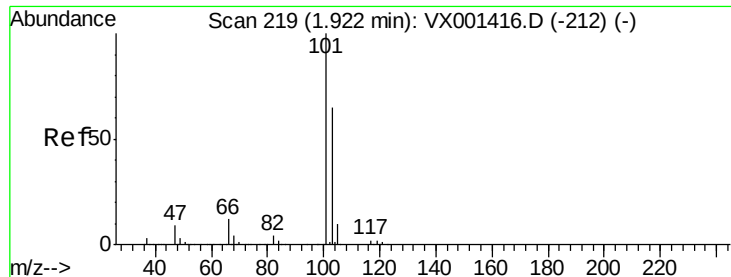
Tgt Ion: 64 Resp: 105408

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7



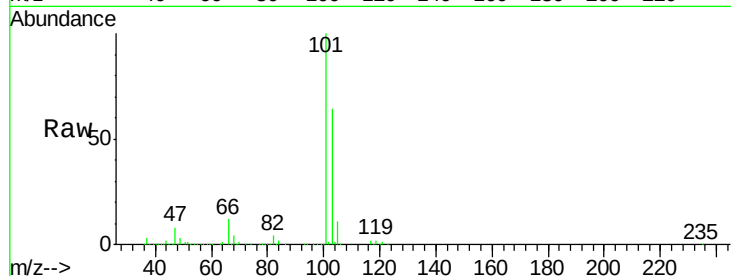


#7

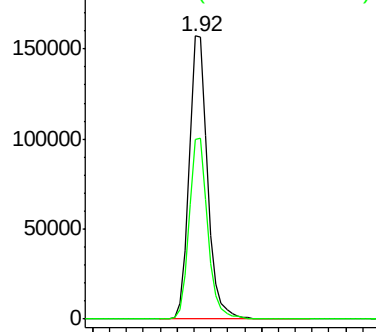
Trichlorofluoromethane
 Concen: 48.86 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

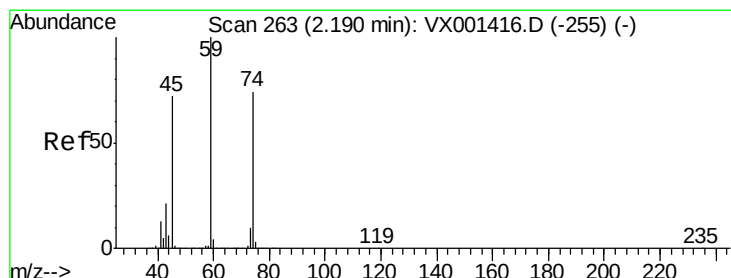
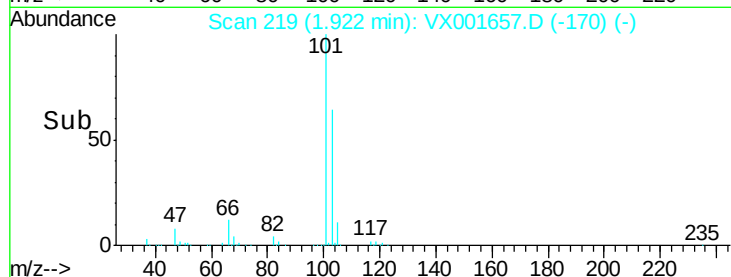
Tgt Ion:101 Resp: 237961
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



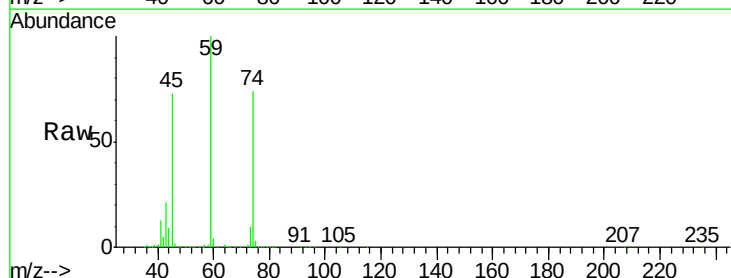
Time--> 1.80 1.90 2.00 2.10



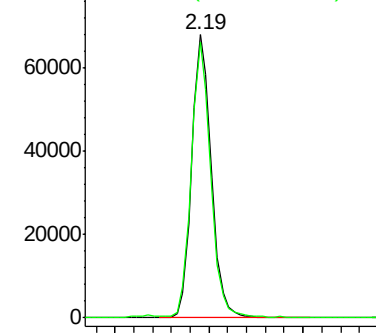
#8

Diethyl Ether
 Concen: 51.32 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

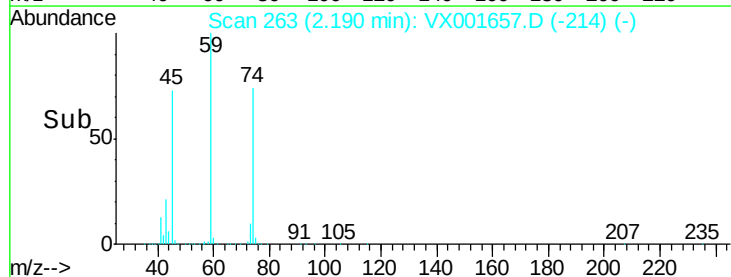
Tgt Ion: 74 Resp: 97966
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.9 143.6

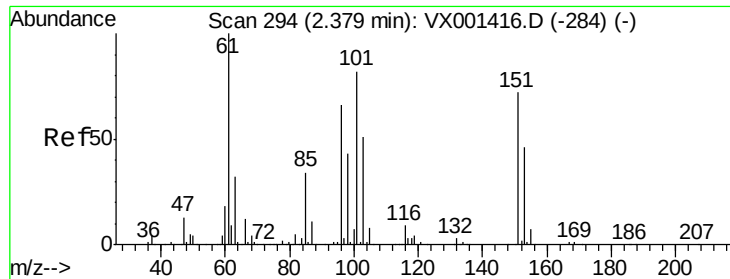


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

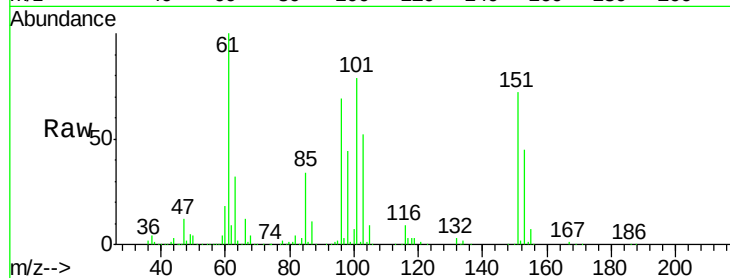
Tgt Ion:101 Resp: 138351

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

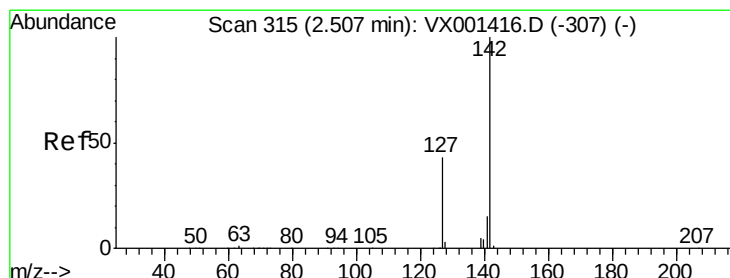
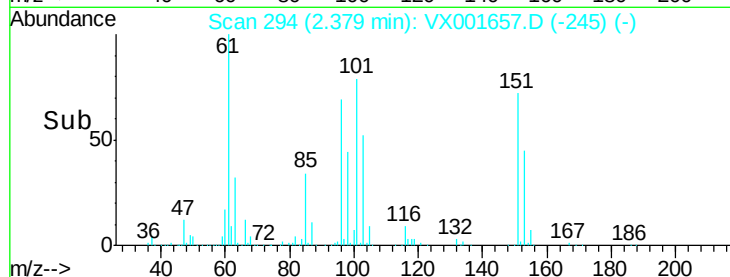
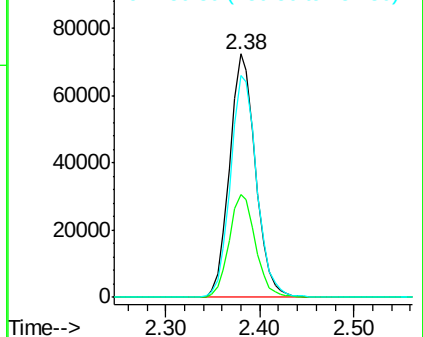
151 92.3 72.3 108.5



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: 39.69 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

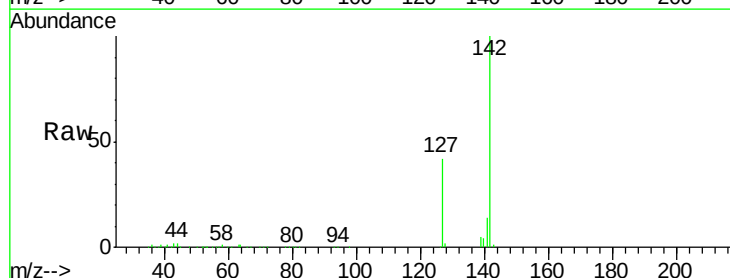
Tgt Ion:142 Resp: 163548

Ion Ratio Lower Upper

142 100

127 41.3 33.6 50.4

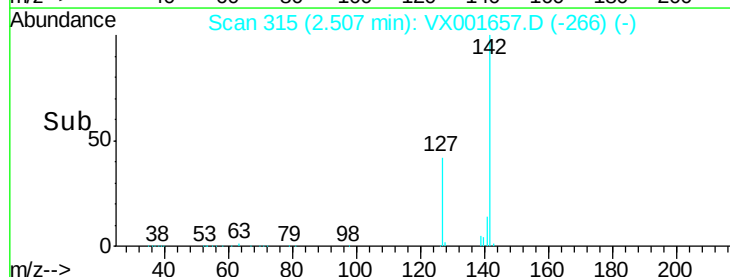
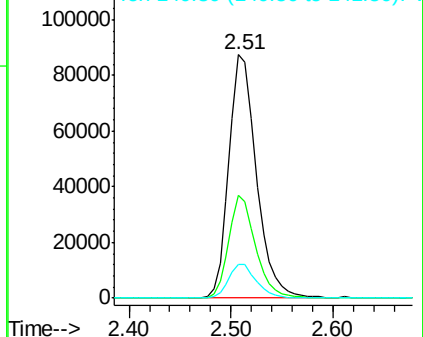
141 14.1 11.4 17.2

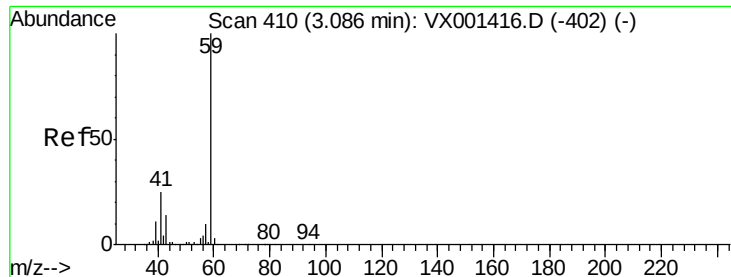


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

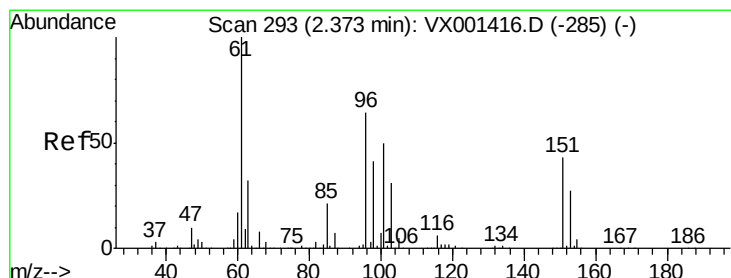
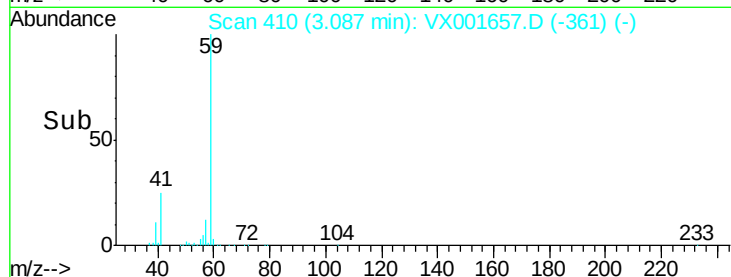
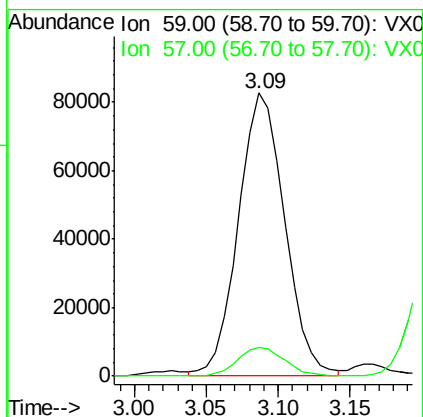
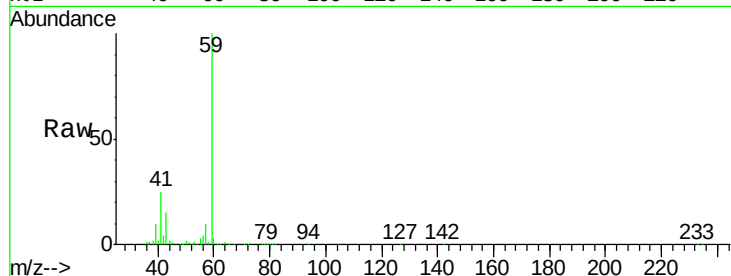




#11
Tert butyl alcohol
Concen: 258.03 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

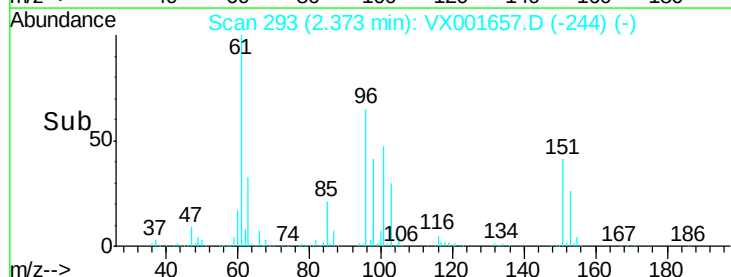
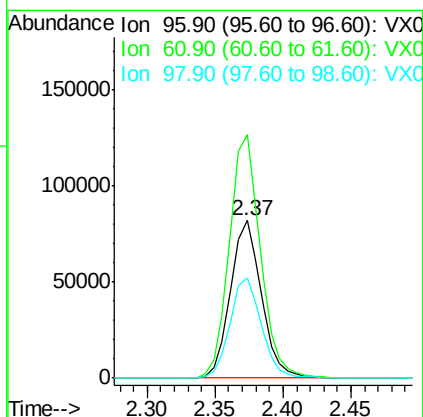
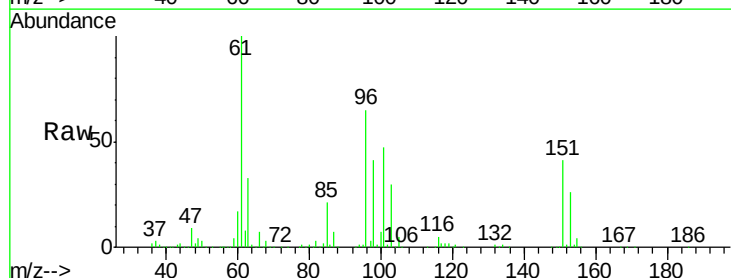
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

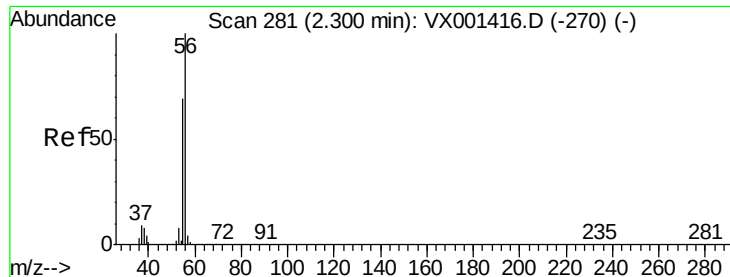
Tgt Ion: 59 Resp: 184949
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.88 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 96 Resp: 130559
Ion Ratio Lower Upper
96 100
61 154.7 125.7 188.5
98 64.1 52.0 78.0





#13

Acrolein

Concen: 177.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

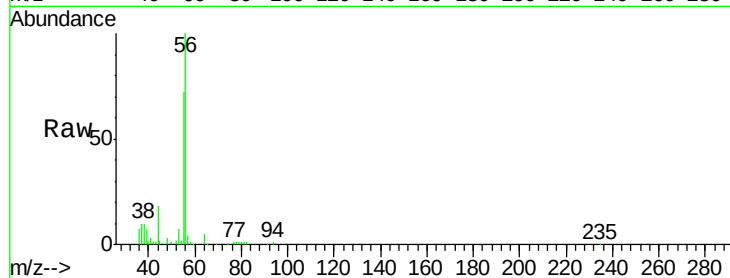
VSTDCCC050EC

Tgt Ion: 56 Resp: 25501

Ion Ratio Lower Upper

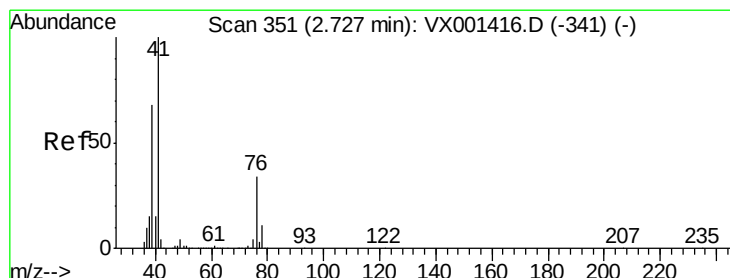
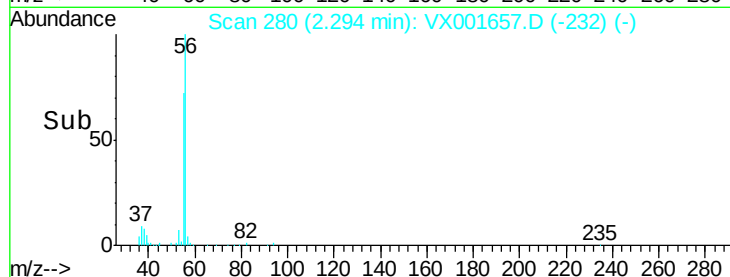
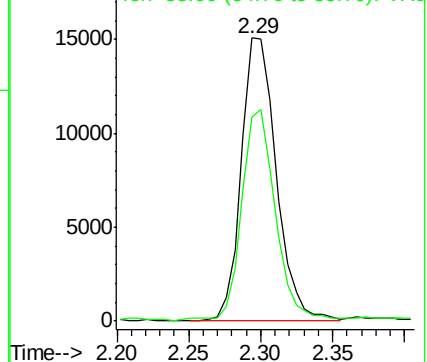
56 100

55 72.6 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.05 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

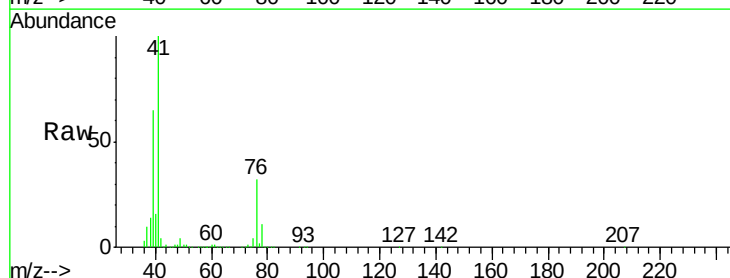
Tgt Ion: 41 Resp: 249132

Ion Ratio Lower Upper

41 100

39 62.1 52.4 78.6

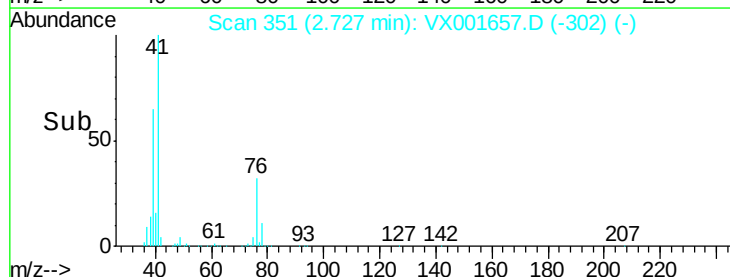
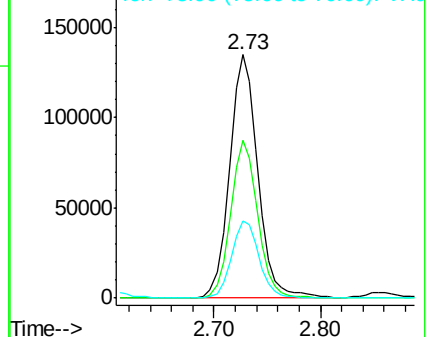
76 31.4 25.8 38.6

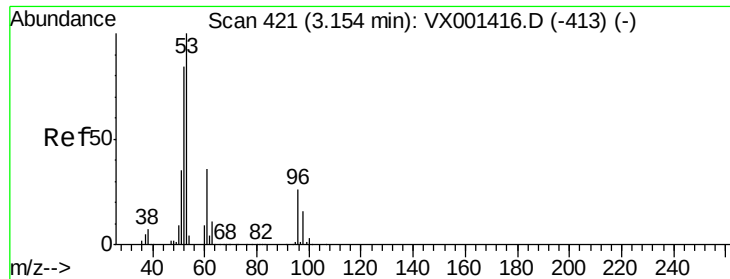


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

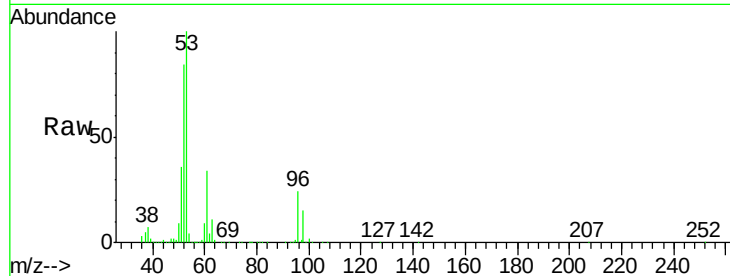
Tgt Ion: 53 Resp: 423123

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

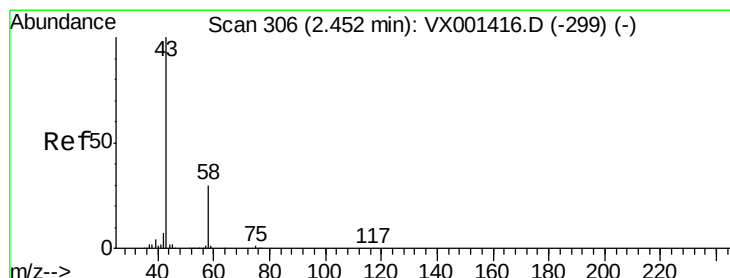
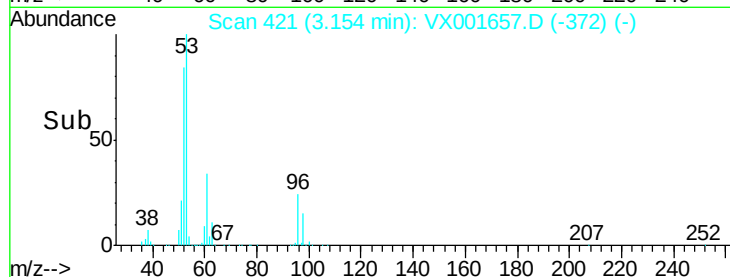
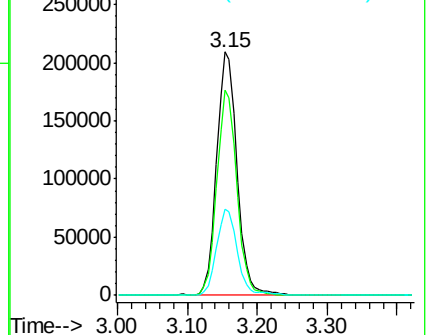
51 36.2 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.88 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001657.D

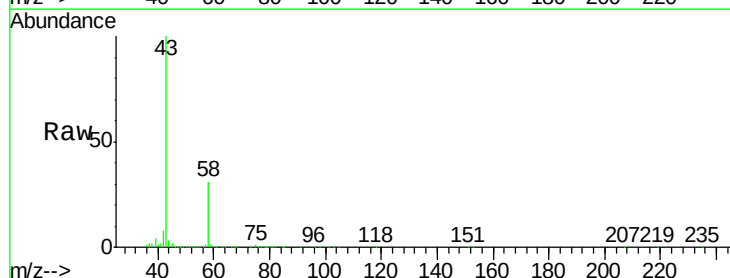
Acq: 11 May 2018 23:15

Tgt Ion: 43 Resp: 371847

Ion Ratio Lower Upper

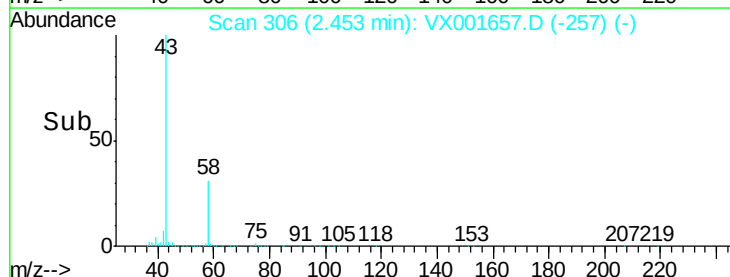
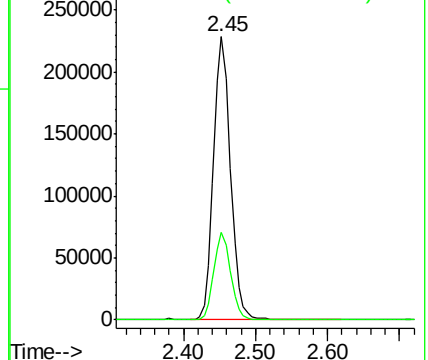
43 100

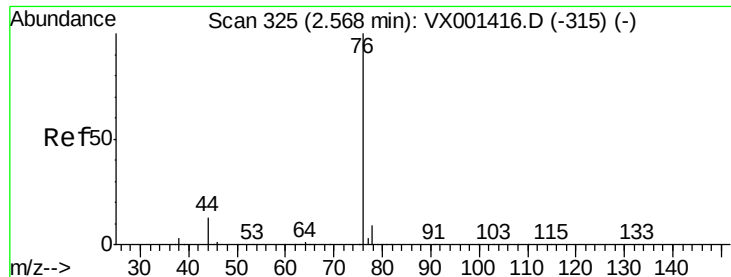
58 31.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

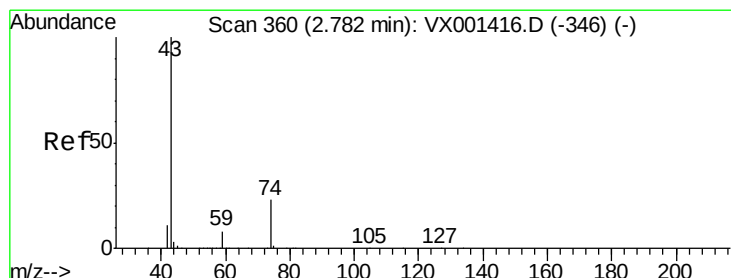
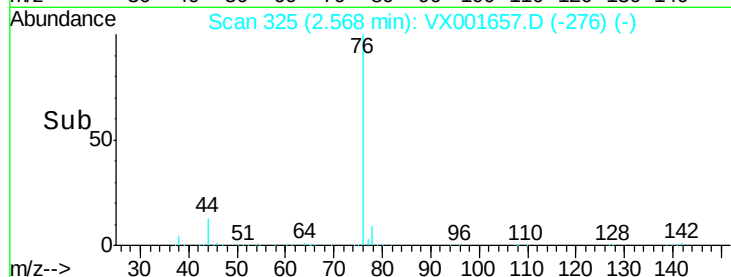
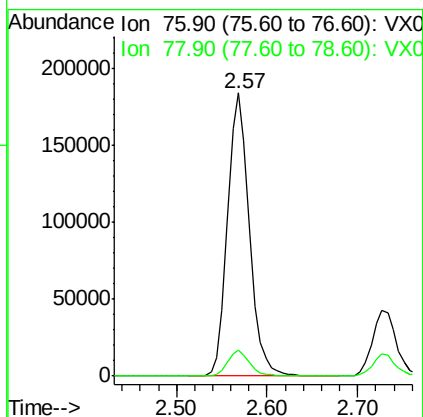
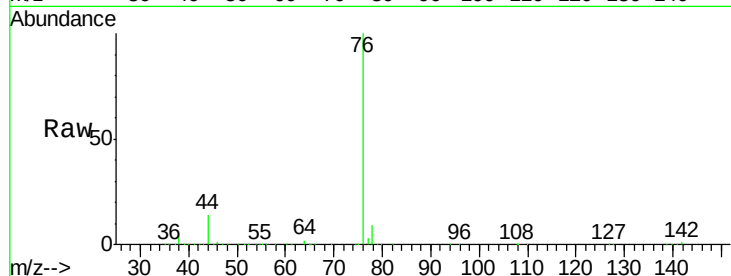




#17
Carbon Disulfide
Concen: 46.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

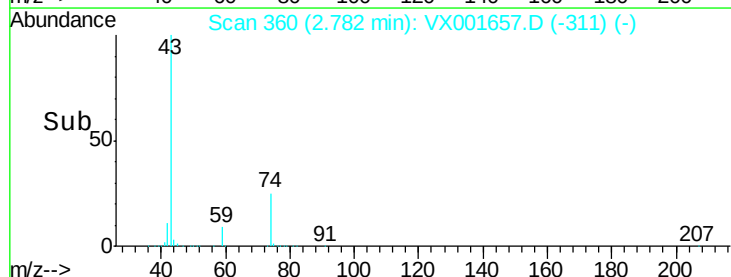
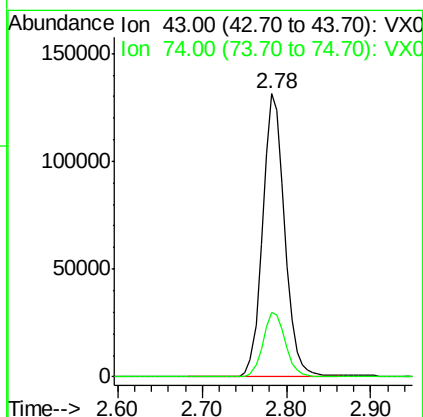
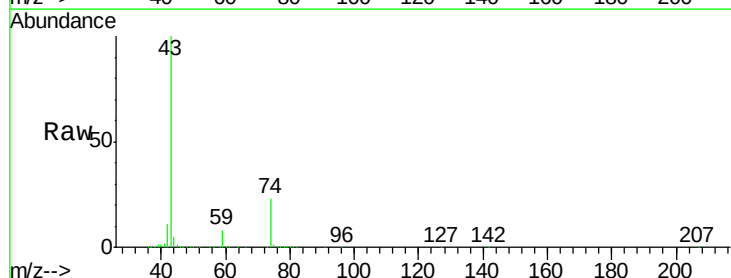
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

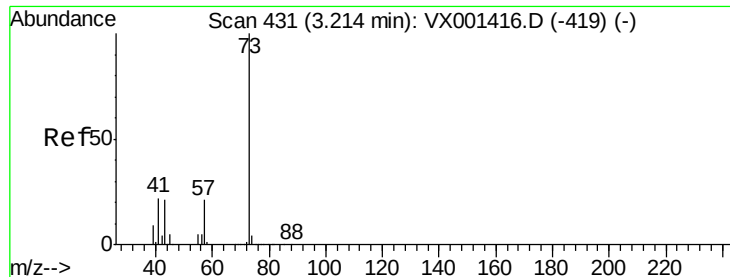
Tgt Ion: 76 Resp: 306793
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 58.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 43 Resp: 236091
Ion Ratio Lower Upper
43 100
74 23.3 18.6 27.8

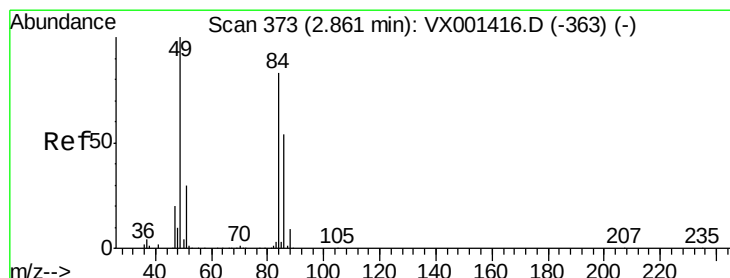
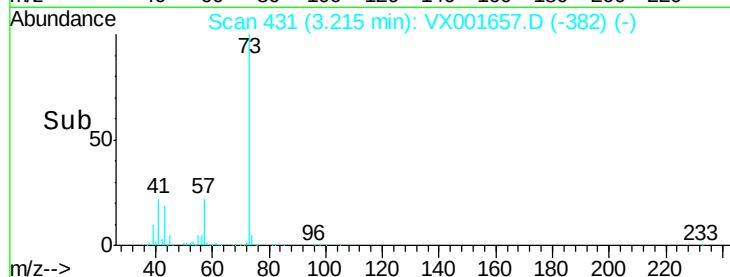
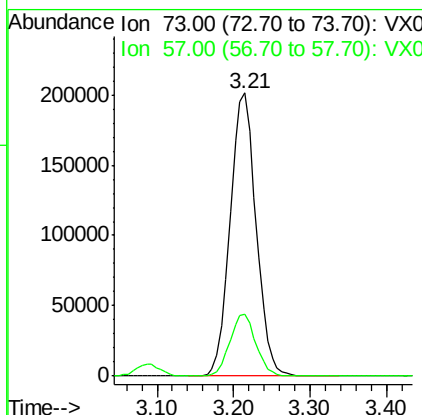
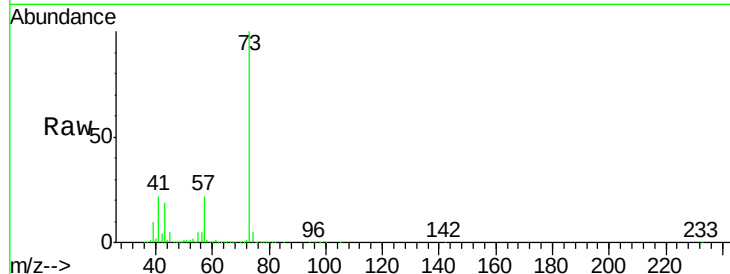




#19
Methyl tert-butyl Ether
Concen: 51.91 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

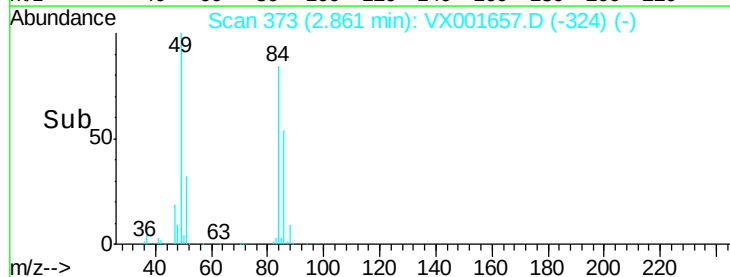
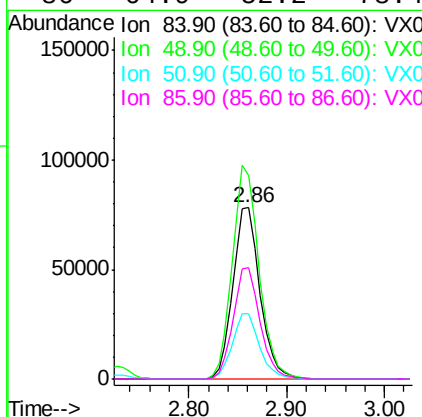
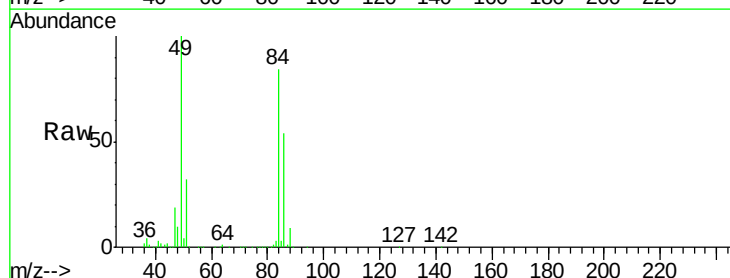
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

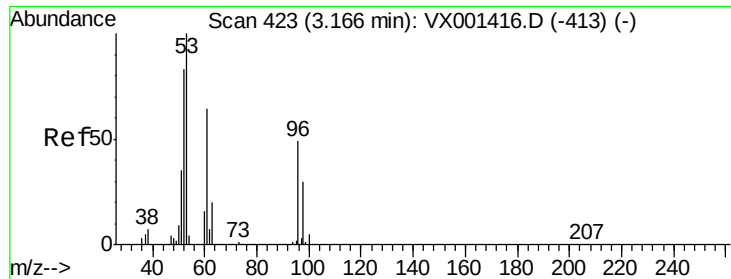
Tgt Ion: 73 Resp: 473058
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#20
Methylene Chloride
Concen: 49.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 84 Resp: 150639
Ion Ratio Lower Upper
84 100
49 119.4 96.6 144.8
51 37.8 29.0 43.4
86 64.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

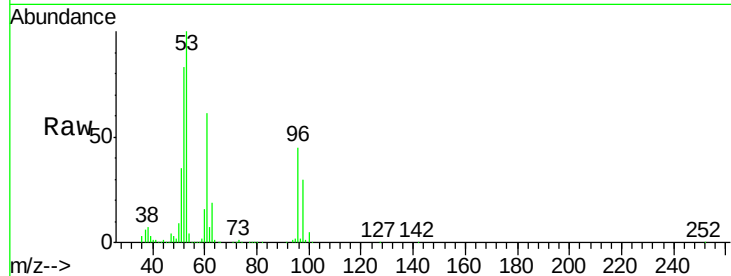
Tgt Ion: 96 Resp: 138767

Ion Ratio Lower Upper

96 100

61 134.4 105.0 157.4

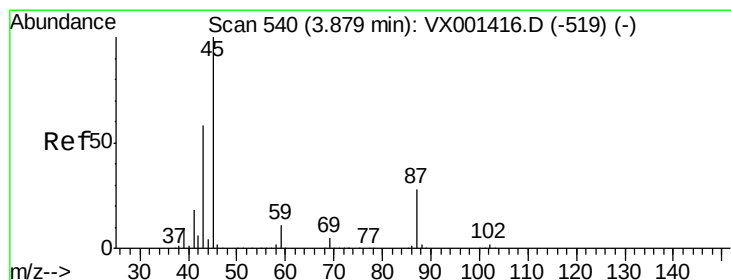
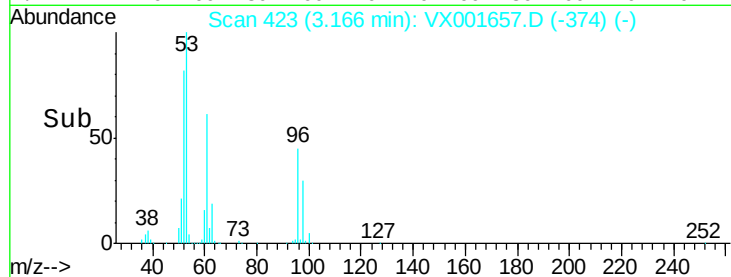
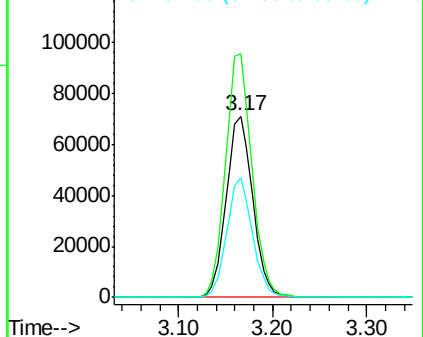
98 65.9 49.9 74.9



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: 53.06 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion: 45 Resp: 483829

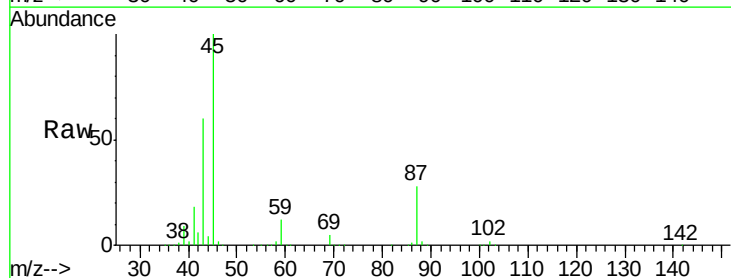
Ion Ratio Lower Upper

45 100

43 59.8 46.5 69.7

87 28.0 22.6 34.0

59 11.5 9.1 13.7

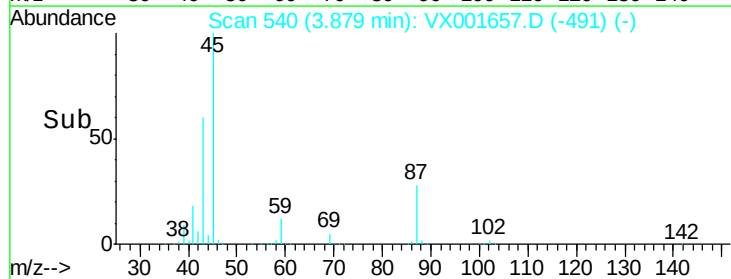
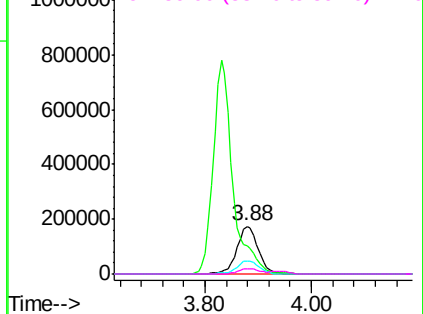


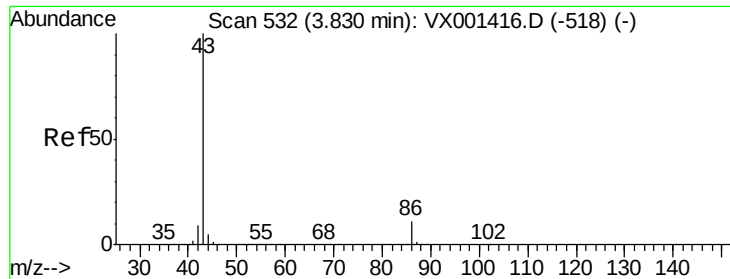
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.00 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

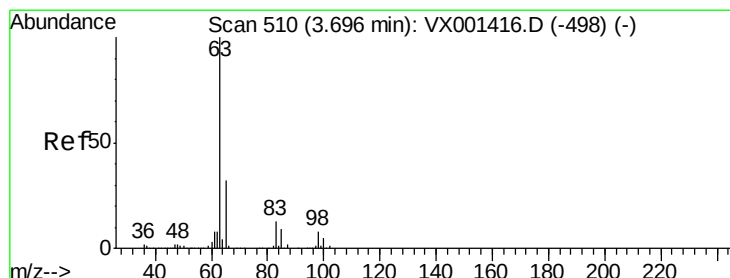
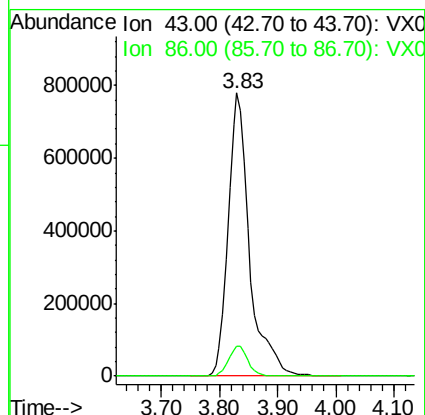
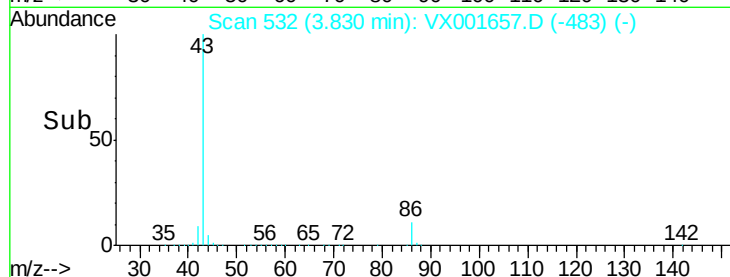
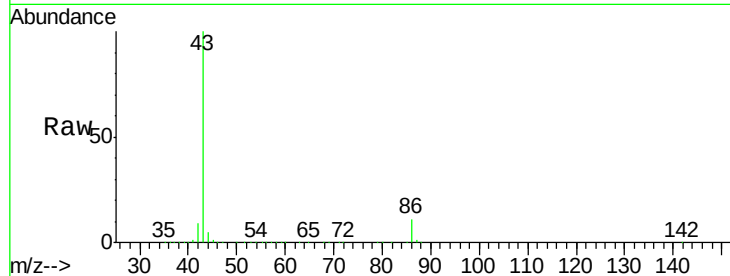
VSTDCCC050EC

Tgt Ion: 43 Resp: 1990860

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.47 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

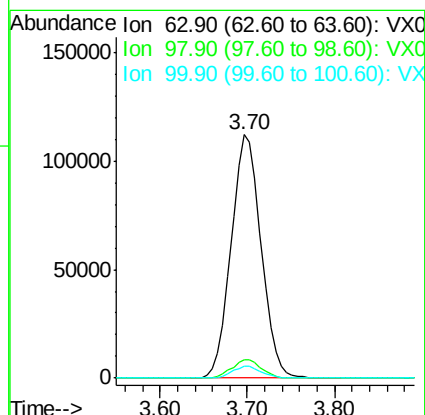
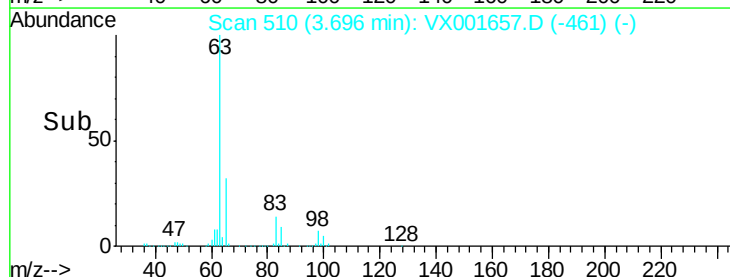
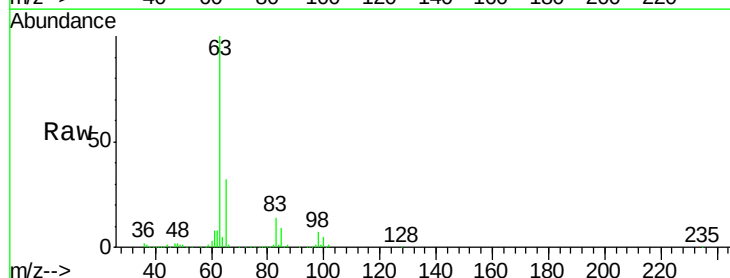
Tgt Ion: 63 Resp: 267228

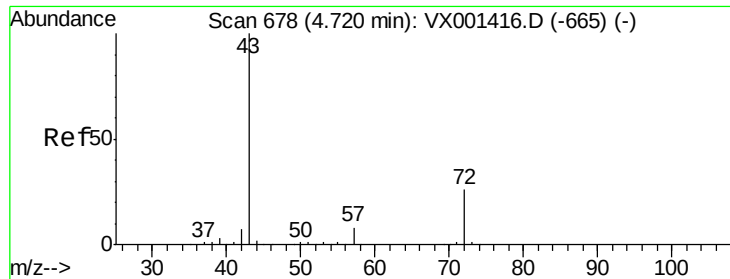
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 260.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

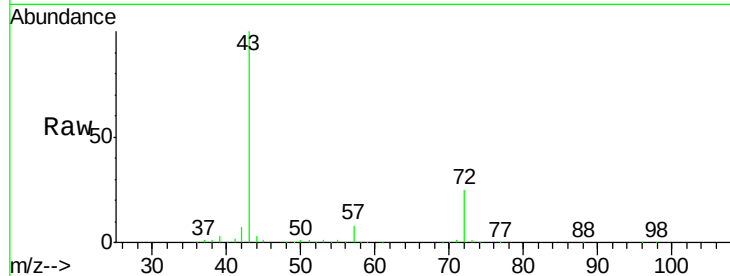
VSTDCCC050EC

Tgt Ion: 43 Resp: 581733

Ion Ratio Lower Upper

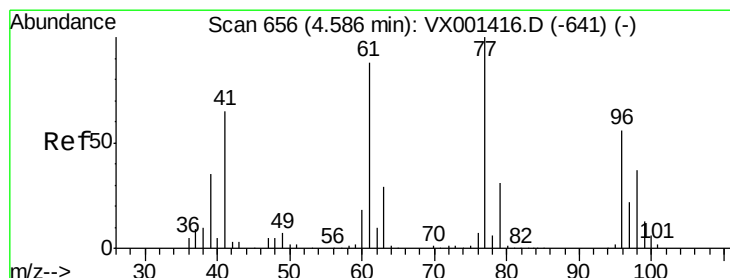
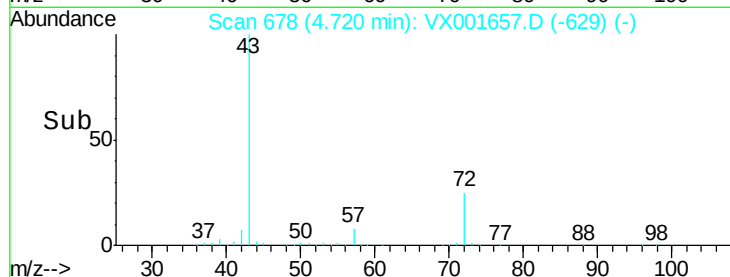
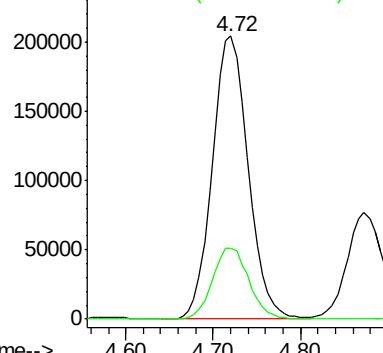
43 100

72 24.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001657.D

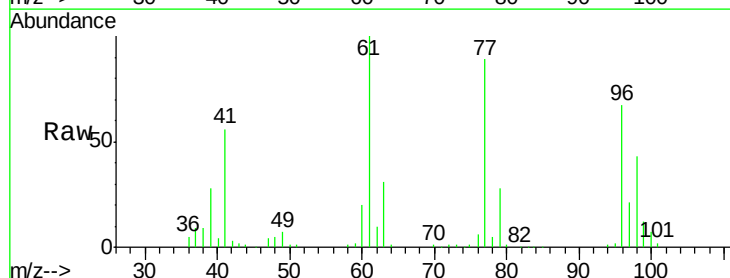
Acq: 11 May 2018 23:15

Tgt Ion: 77 Resp: 169695

Ion Ratio Lower Upper

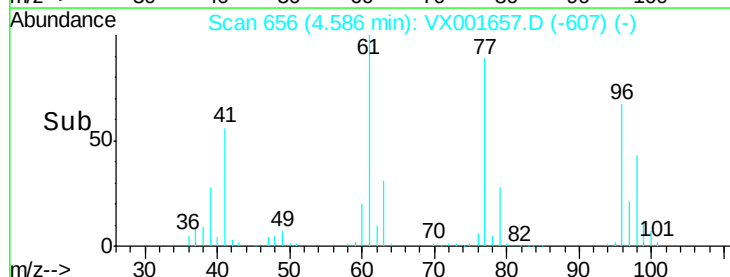
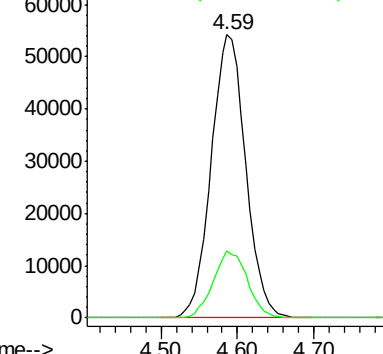
77 100

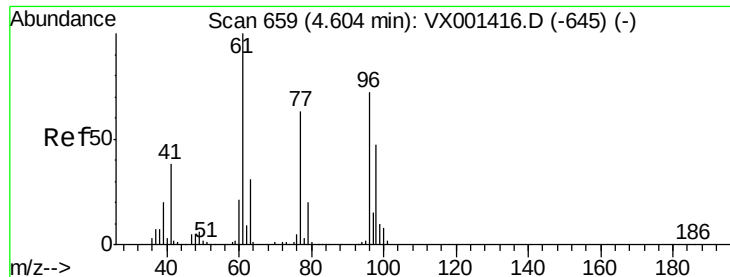
97 23.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



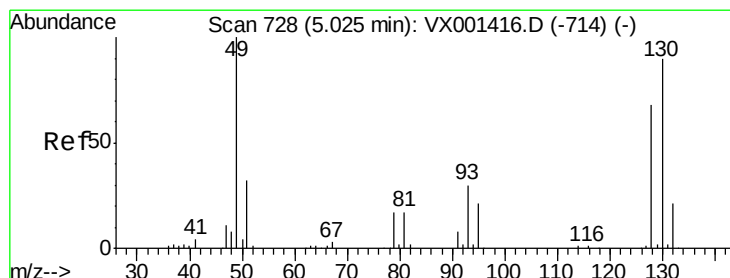
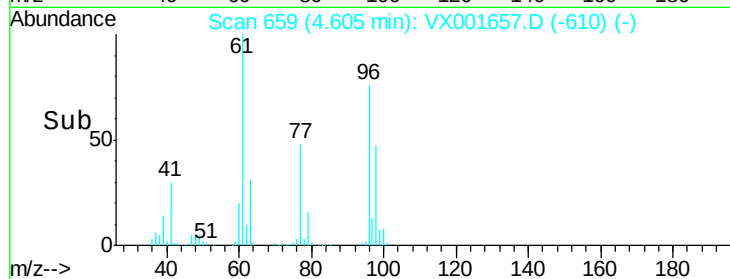
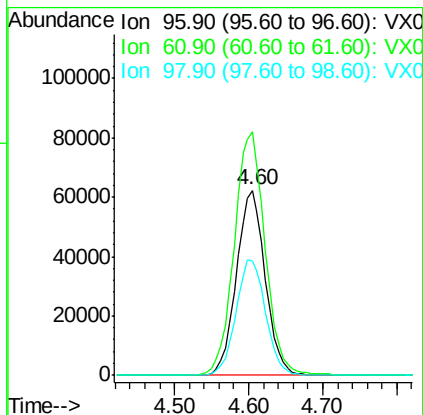
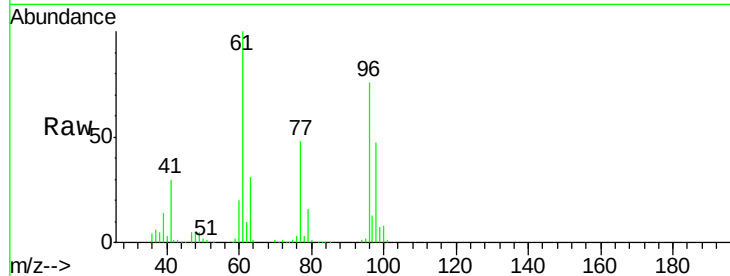


#27

cis-1,2-Dichloroethene
 Concen: 54.22 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

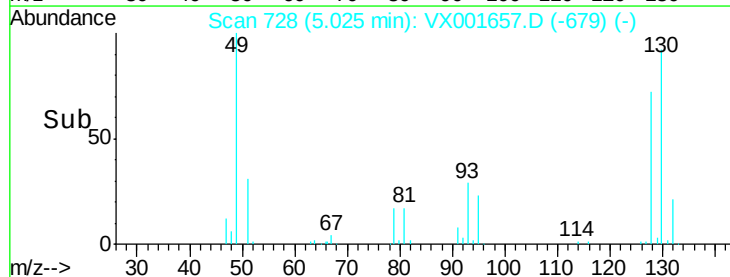
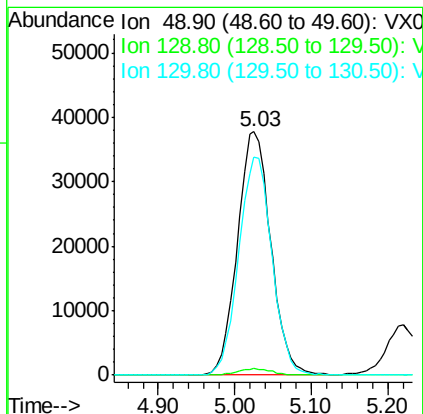
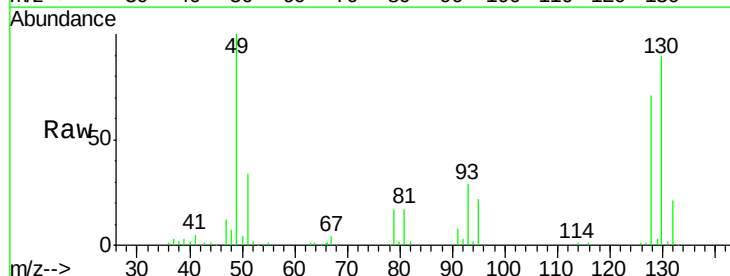
Tgt Ion: 96 Resp: 168678
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 301.6
 98 64.7 0.0 131.6

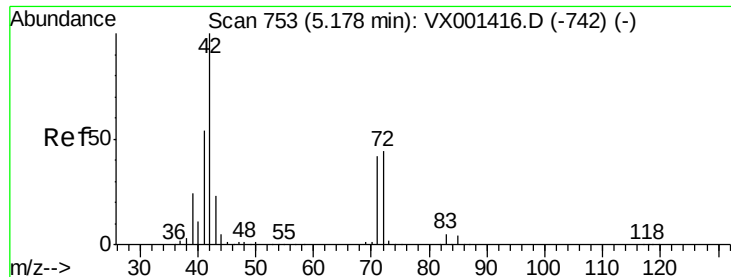


#28

Bromochloromethane
 Concen: 51.83 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 49 Resp: 114460
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.9 71.9 107.9

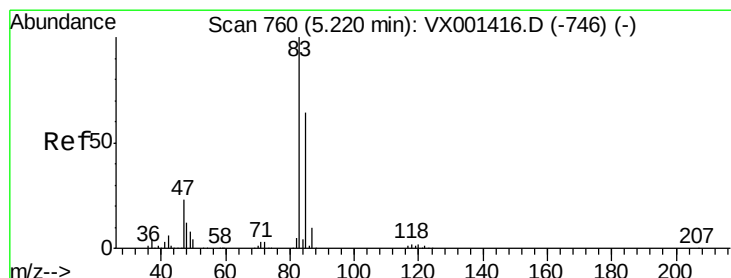
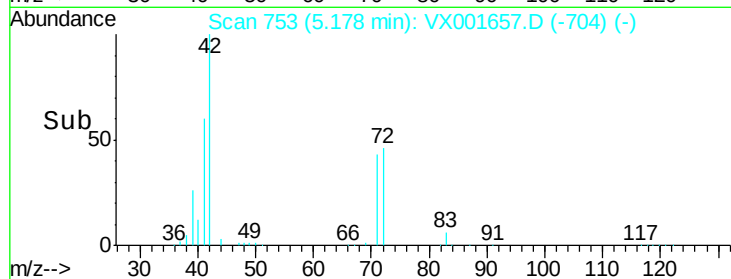
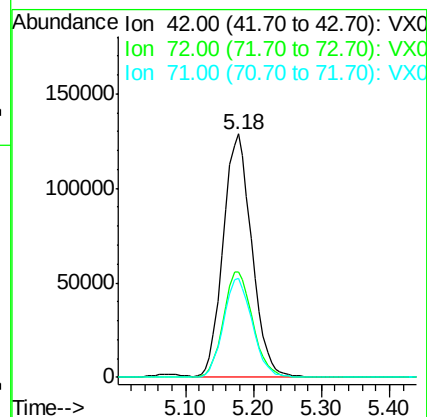
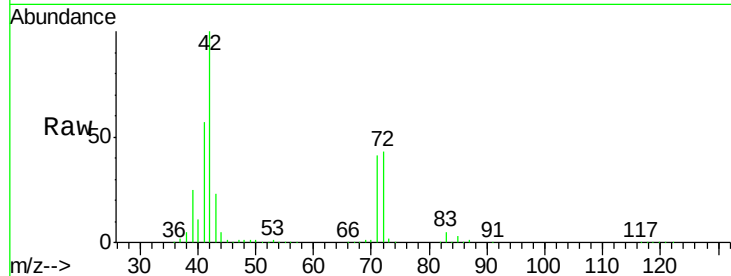




#29
Tetrahydrofuran
Concen: 262.71 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

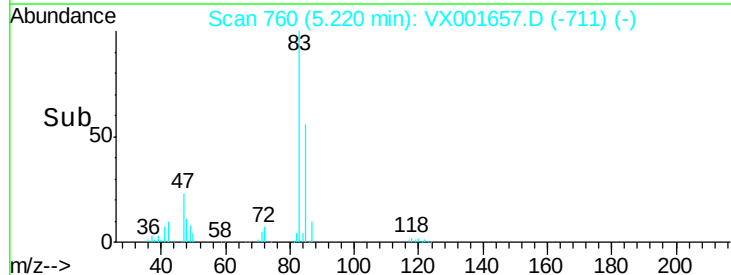
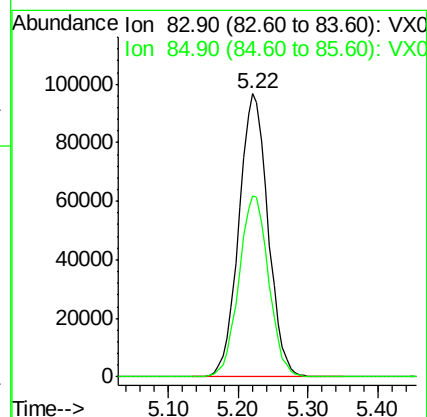
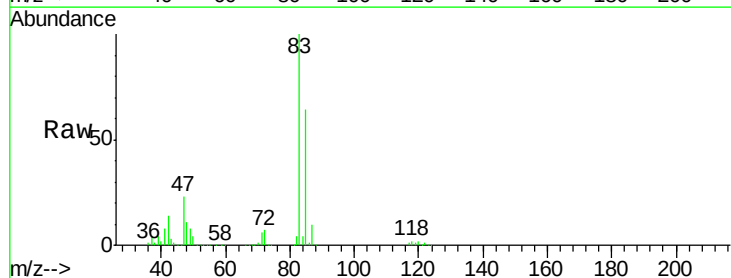
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

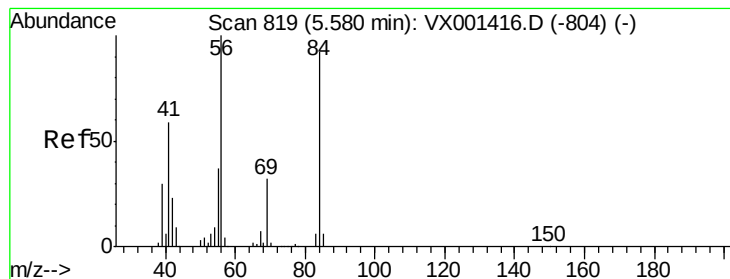
Tgt Ion: 42 Resp: 375078
Ion Ratio Lower Upper
42 100
72 44.4 35.4 53.2
71 40.9 33.0 49.4



#30
Chloroform
Concen: 53.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 83 Resp: 280155
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4





#31

Cyclohexane

Concen: 50.31 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

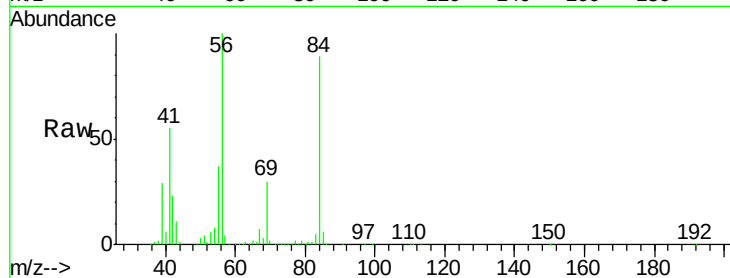
Tgt Ion: 56 Resp: 220069

Ion Ratio Lower Upper

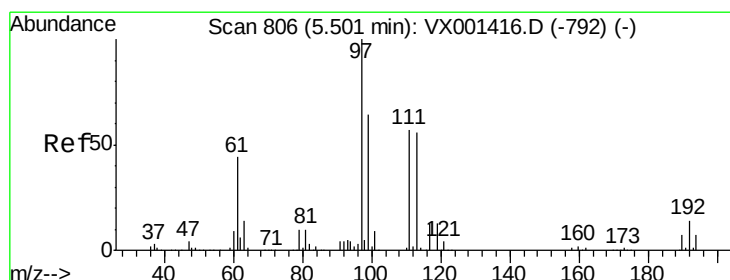
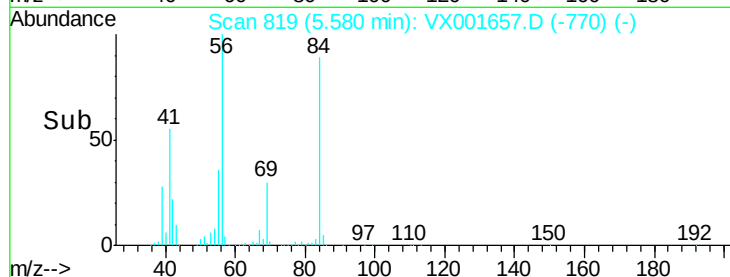
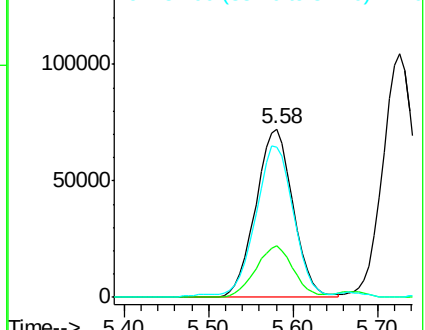
56 100

69 30.4 25.4 38.0

84 88.3 73.8 110.8



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: 54.30 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

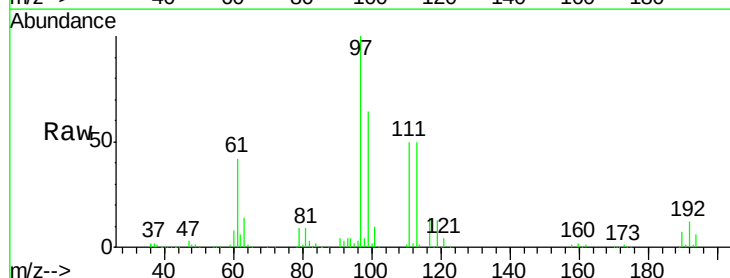
Tgt Ion: 97 Resp: 248987

Ion Ratio Lower Upper

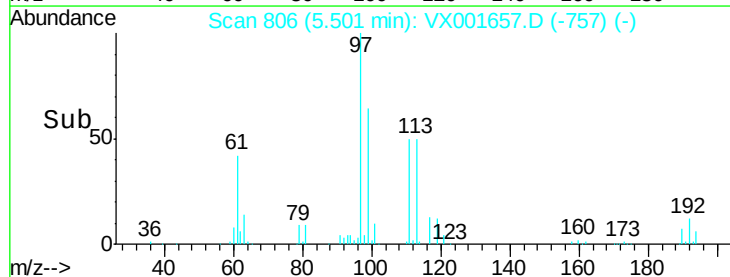
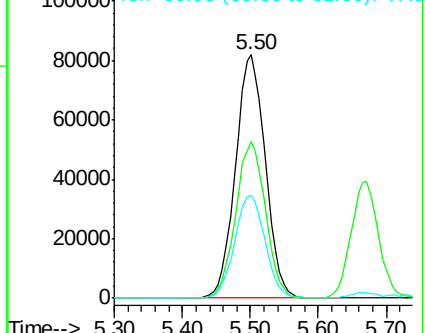
97 100

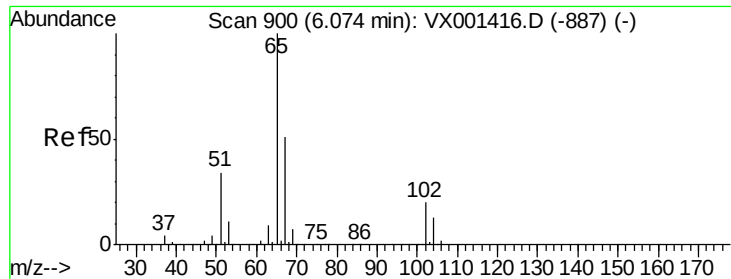
99 64.2 51.3 76.9

61 43.0 34.8 52.2



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

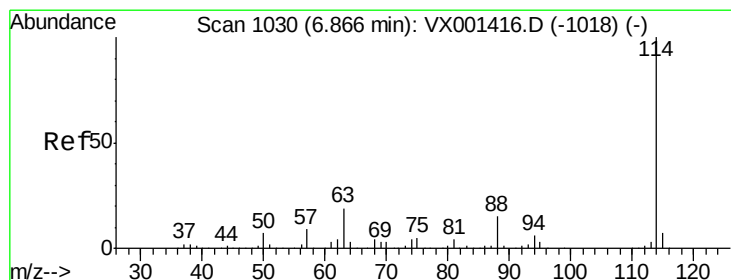
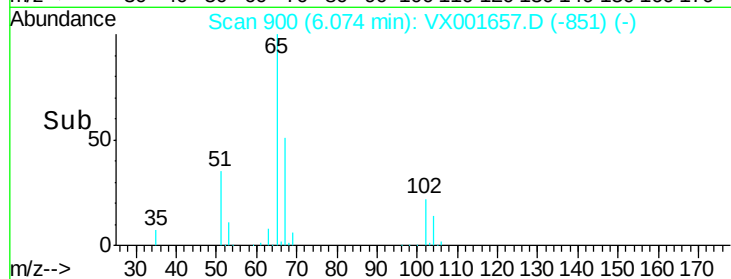
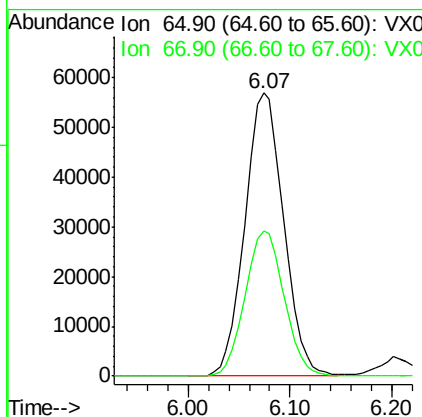
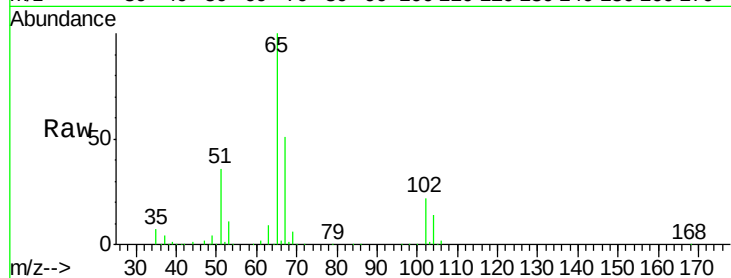




#33
 1,2-Dichloroethane-d4
 Concen: 44.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

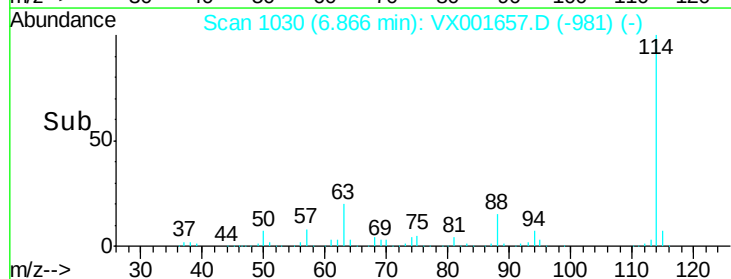
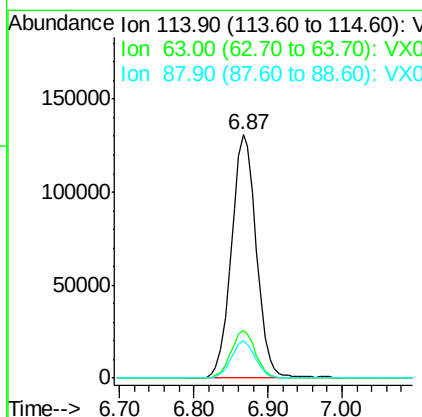
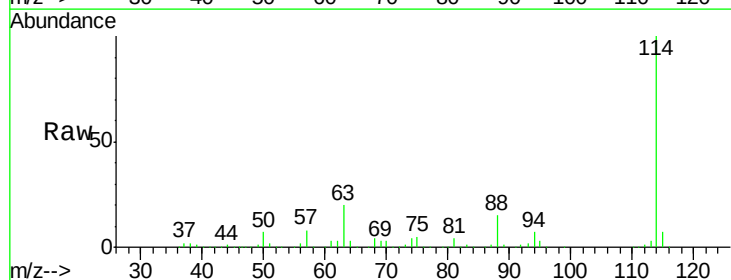
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

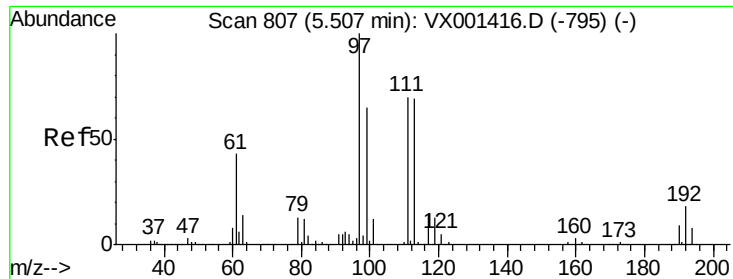
Tgt Ion: 65 Resp: 150427
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 114 Resp: 307390
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.2 0.0 30.8

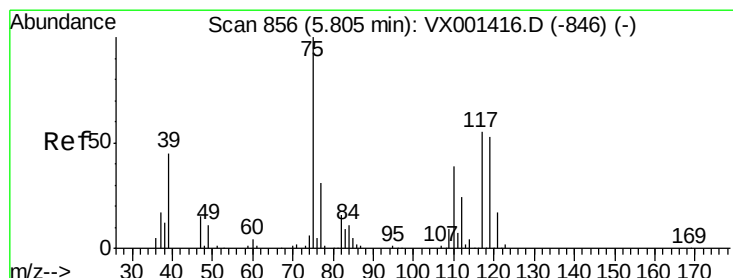
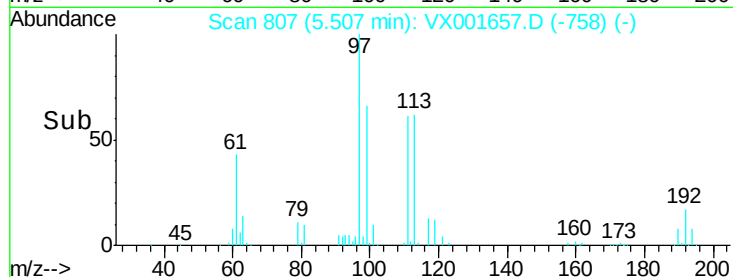
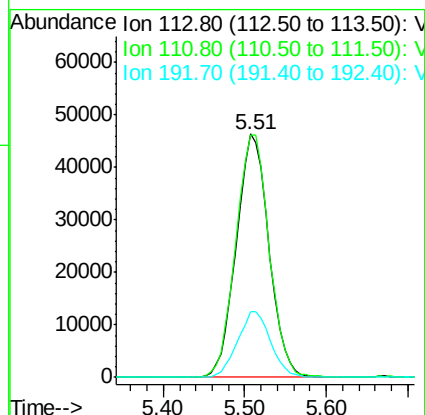
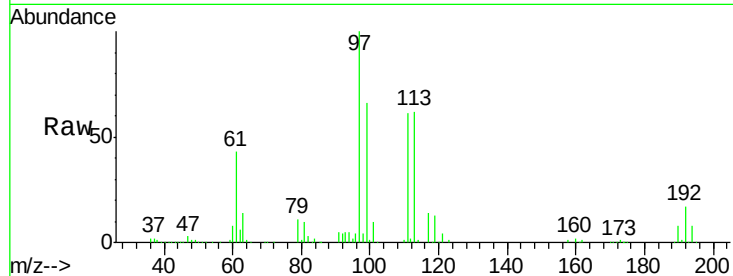




#35
 Dibromofluoromethane
 Concen: 47.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

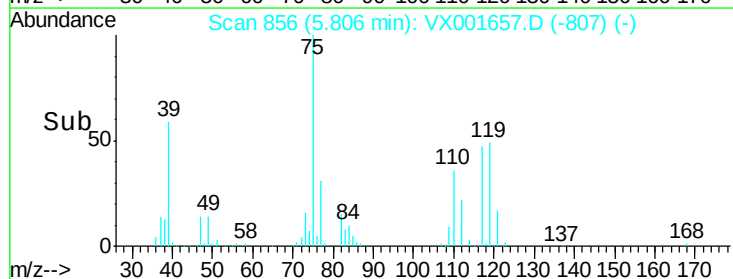
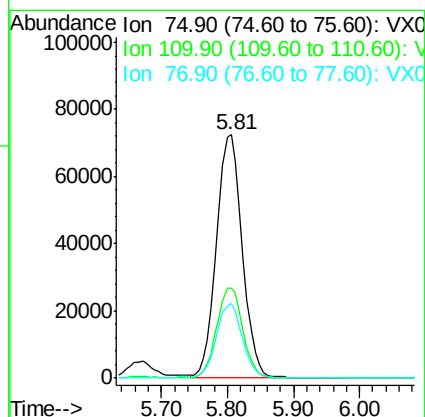
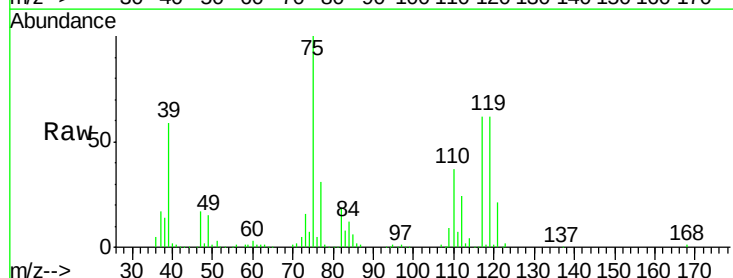
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

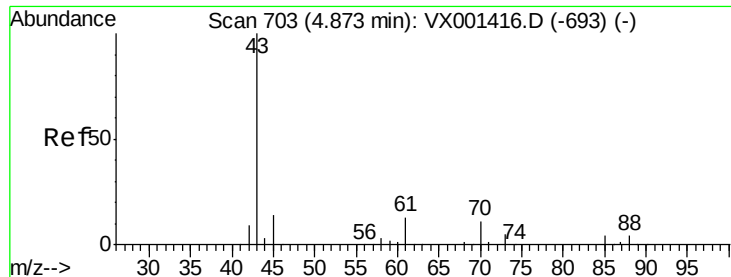
Tgt Ion:113 Resp: 128530
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 27.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 50.07 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 75 Resp: 195763
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.9 56.7
 77 30.5 24.9 37.3

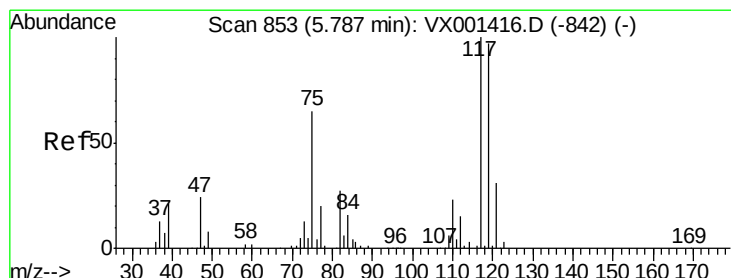
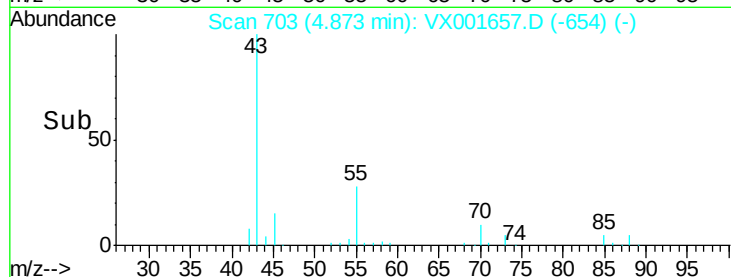
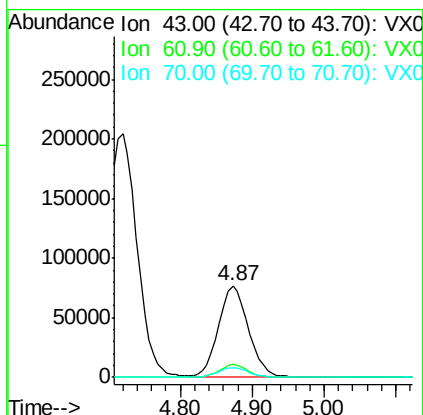
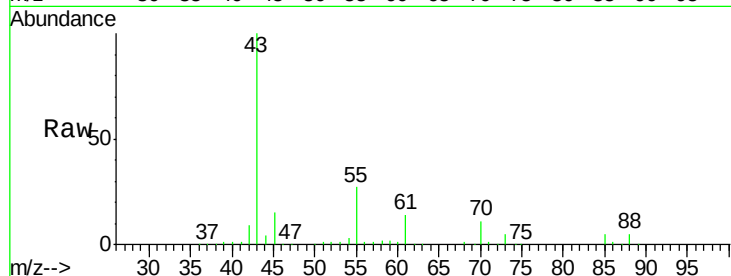




#37
Ethyl Acetate
Concen: 51.81 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

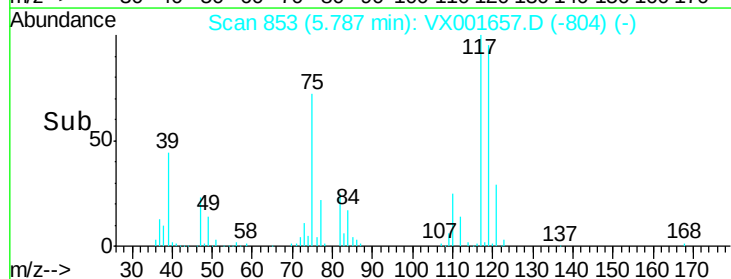
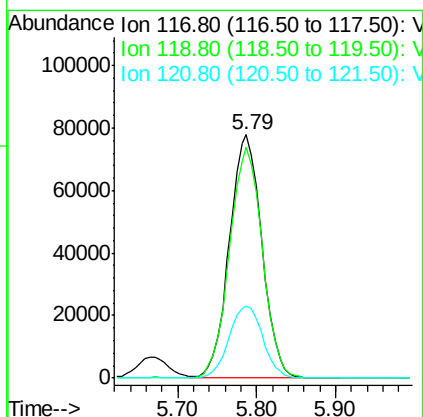
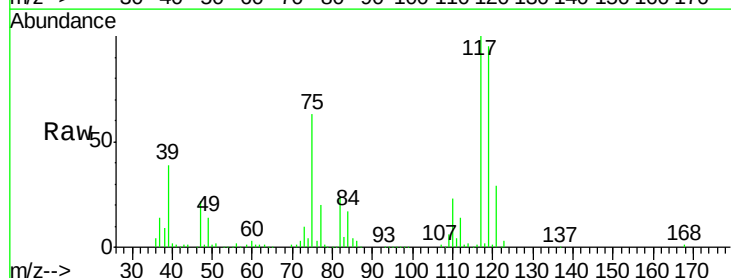
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

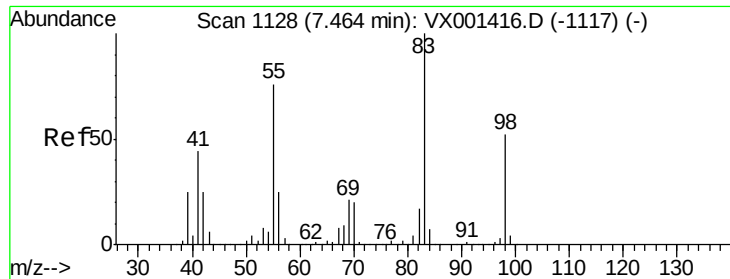
Tgt Ion: 43 Resp: 222060
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 53.58 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 117 Resp: 223428
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6
121 29.5 25.1 37.7

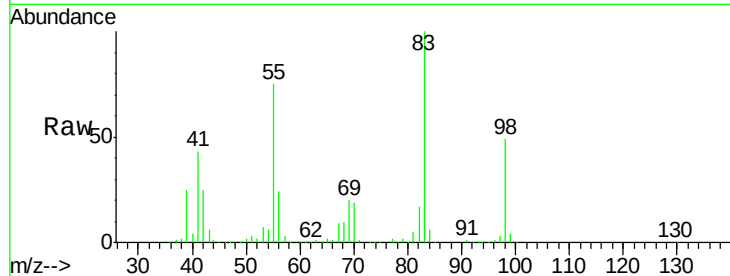




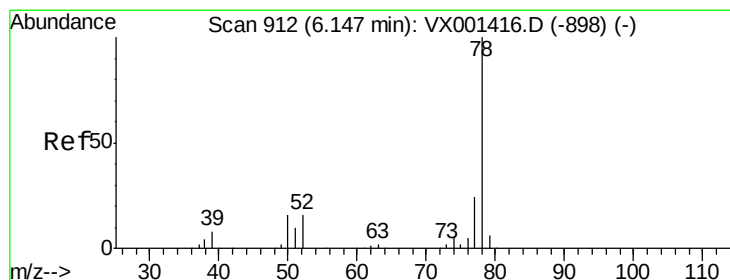
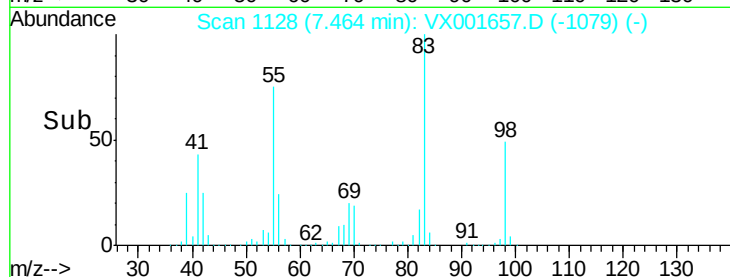
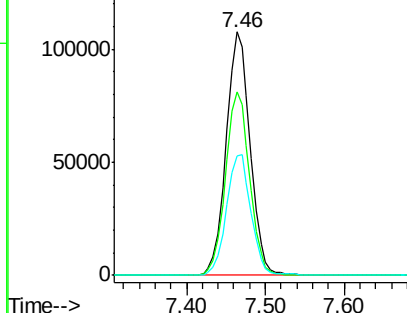
#39
Methylcyclohexane
Concen: 49.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 227308
Ion Ratio Lower Upper
83 100
55 75.3 60.9 91.3
98 49.2 41.9 62.9

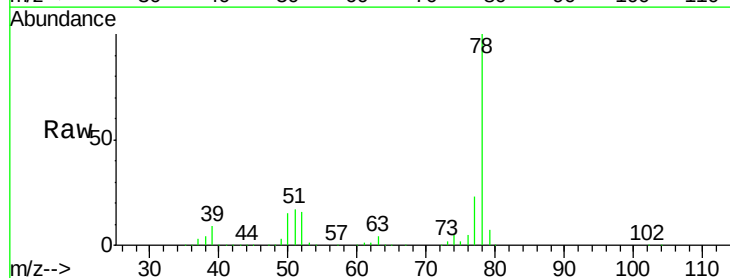


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

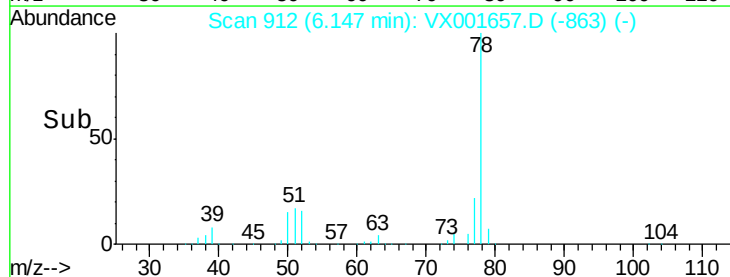
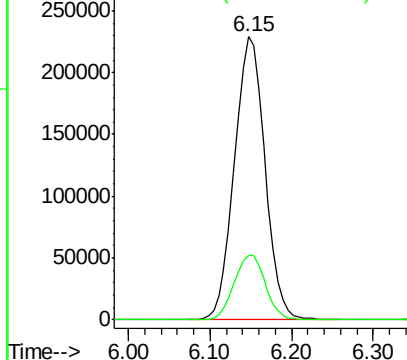


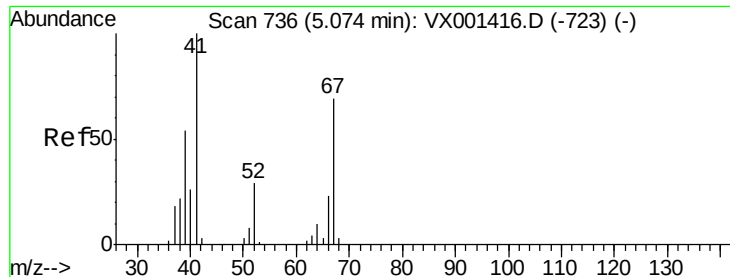
#40
Benzene
Concen: 52.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 78 Resp: 595244
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.2



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

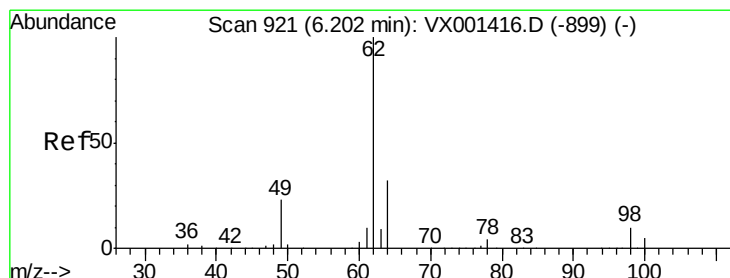
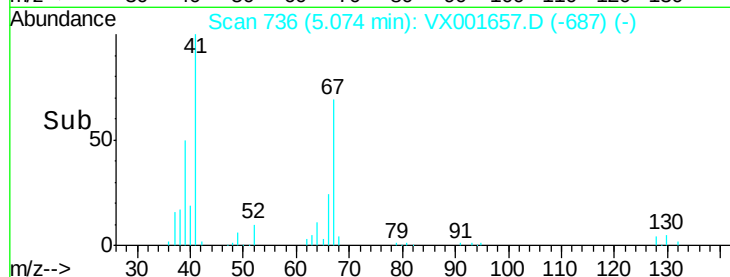
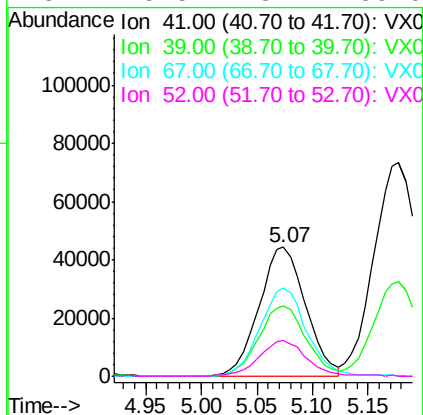
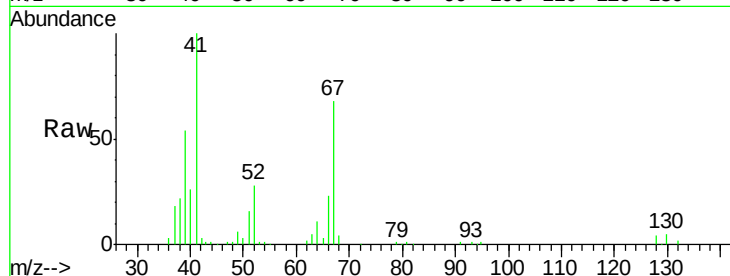




#41
Methacrylonitrile
Concen: 52.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

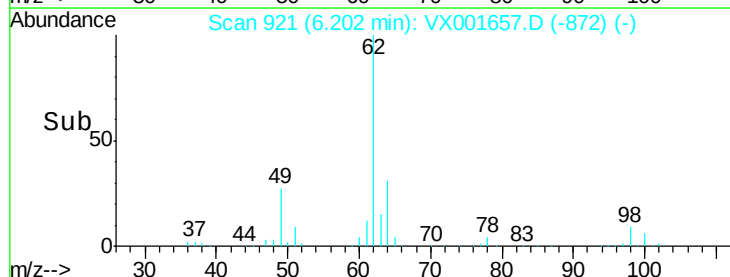
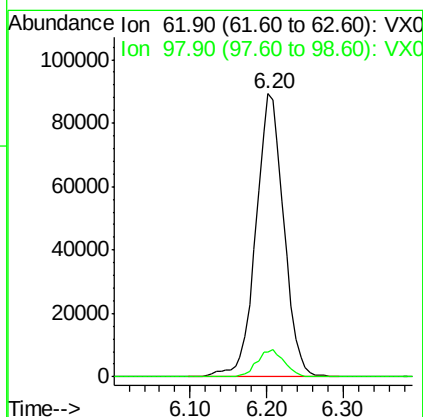
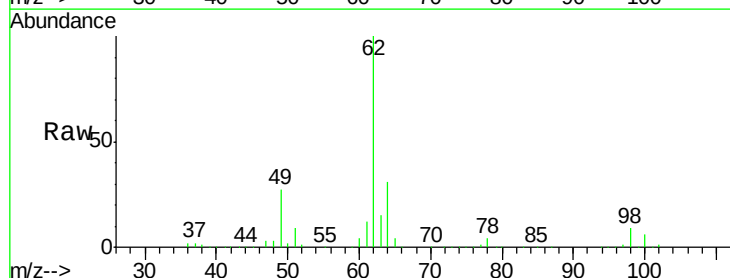
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

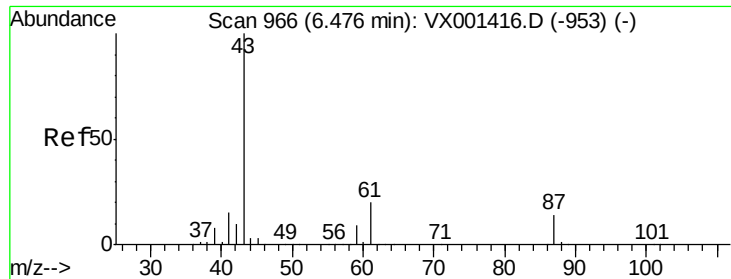
Tgt Ion:	41	Resp:	128702
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.0	67.6
67	69.3	55.0	82.6
52	28.5	23.4	35.0



#42
1,2-Dichloroethane
Concen: 51.95 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:	62	Resp:	228019
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 53.99 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

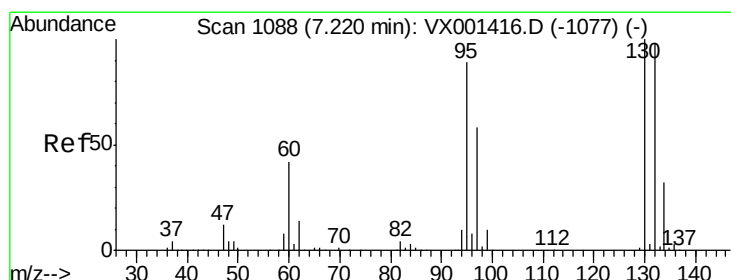
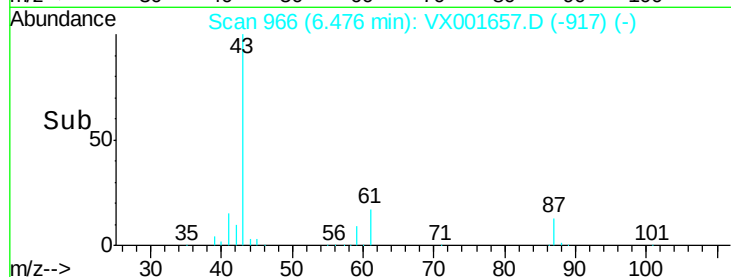
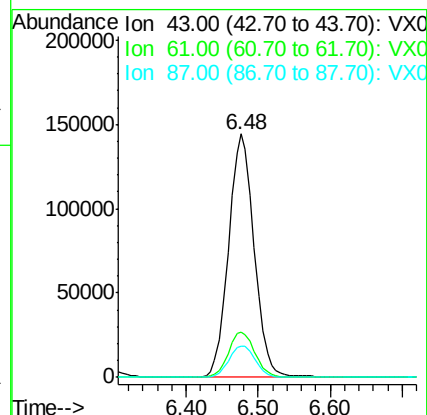
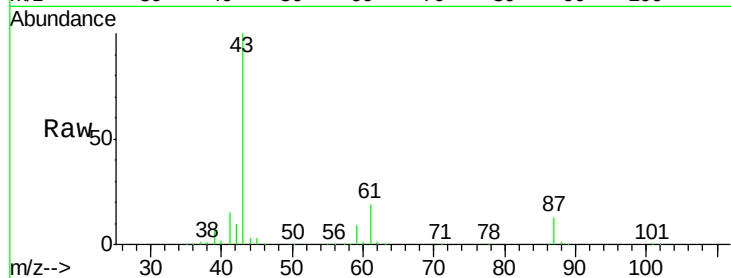
Tgt Ion: 43 Resp: 355219

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

87 13.5 10.8 16.2



#44

Trichloroethene

Concen: 51.88 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001657.D

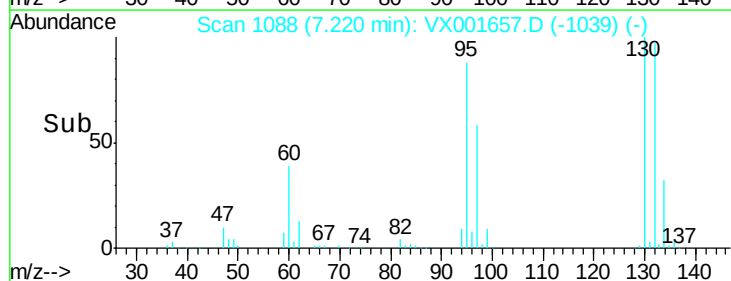
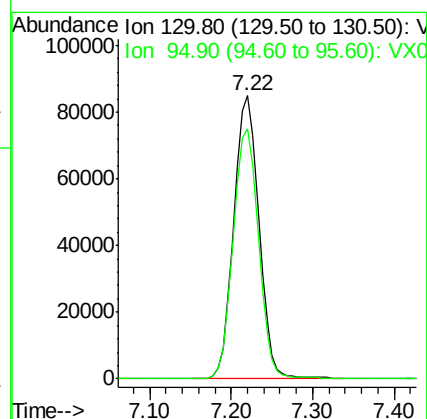
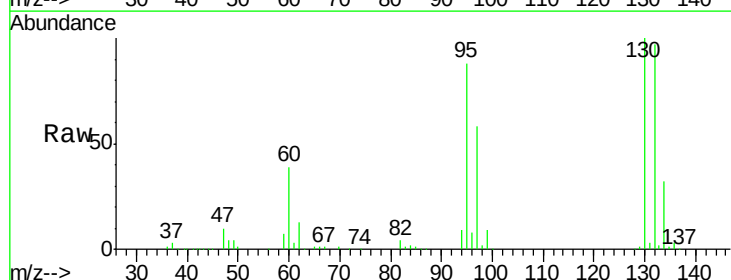
Acq: 11 May 2018 23:15

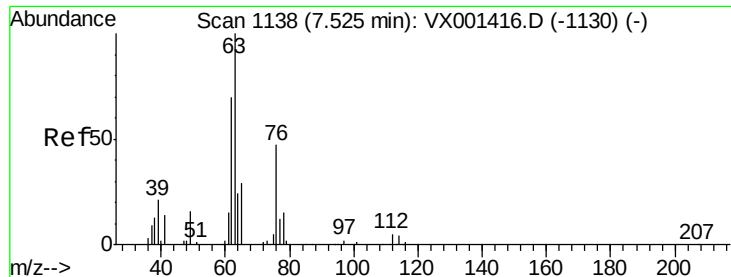
Tgt Ion: 130 Resp: 181104

Ion Ratio Lower Upper

130 100

95 88.5 0.0 178.4

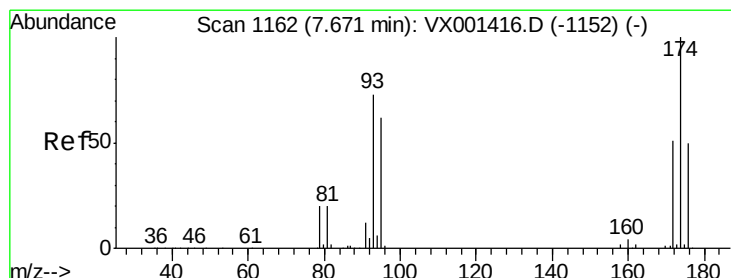
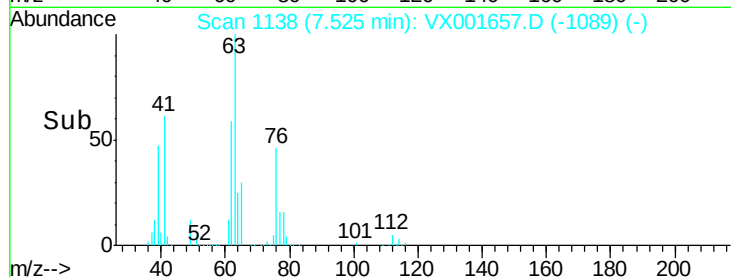
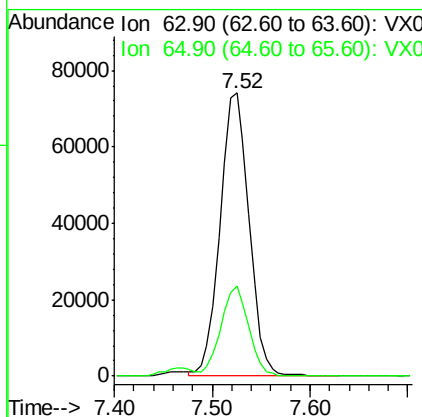
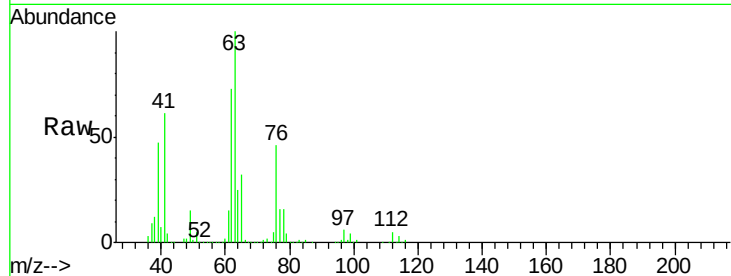




#45
 1,2-Dichloropropane
 Concen: 53.21 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

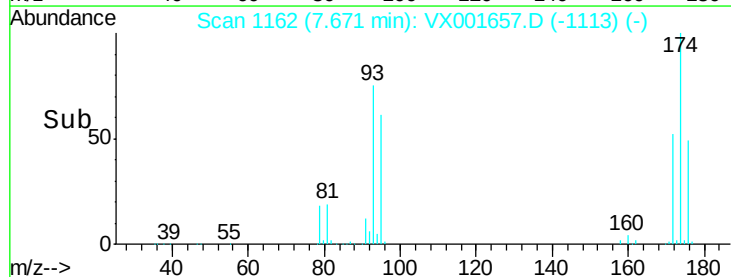
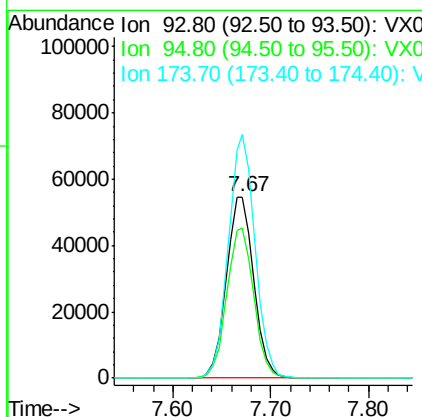
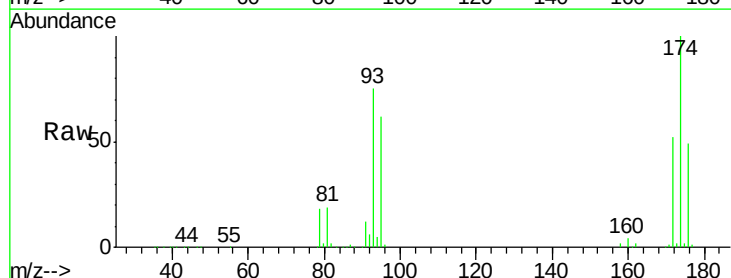
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

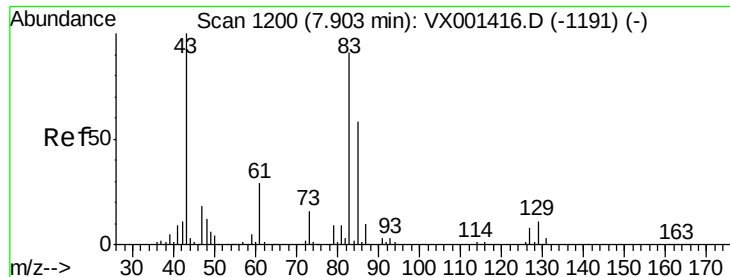
Tgt Ion: 63 Resp: 151499
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7



#46
 Dibromomethane
 Concen: 52.49 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 93 Resp: 105805
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 131.1 104.5 156.7





#47

Bromodichloromethane

Concen: 55.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

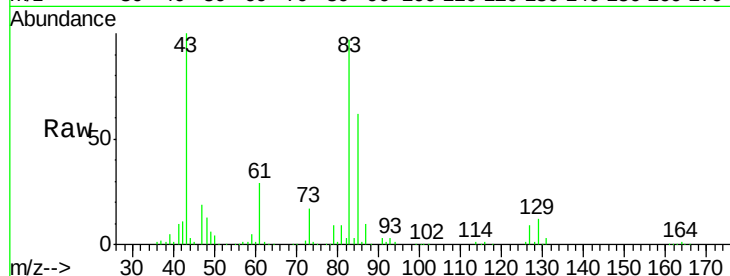
Tgt Ion: 83 Resp: 208465

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6

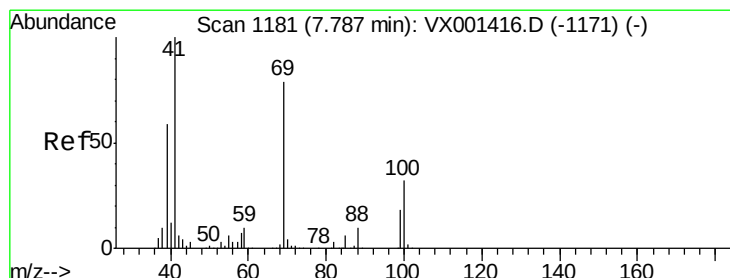
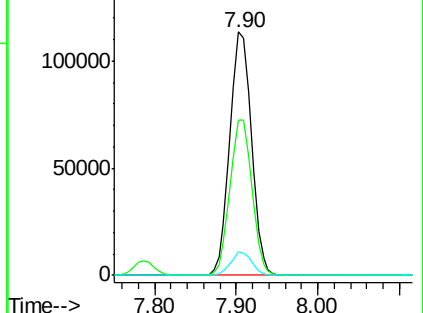
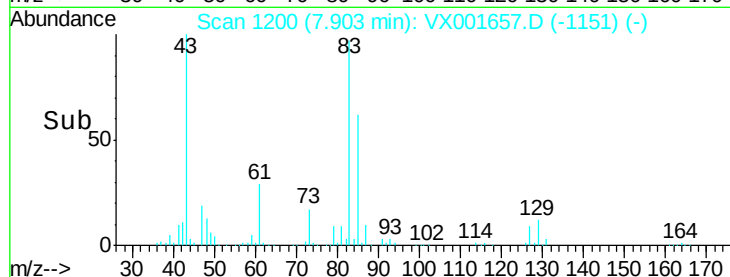
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.97 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

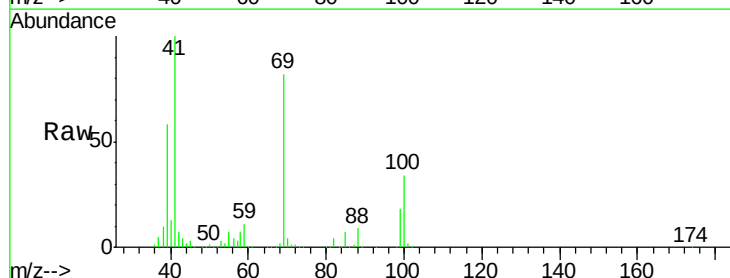
Tgt Ion: 41 Resp: 189777

Ion Ratio Lower Upper

41 100

69 81.8 63.4 95.2

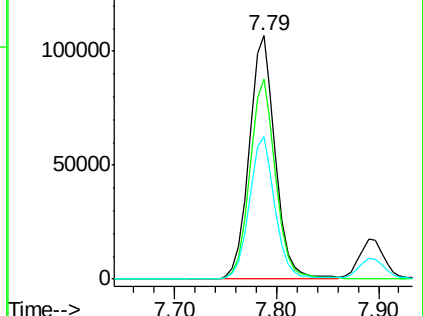
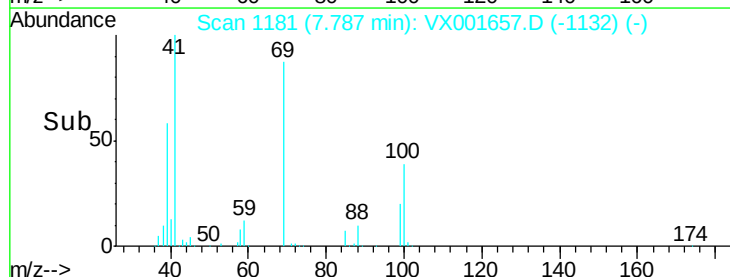
39 57.8 47.0 70.4

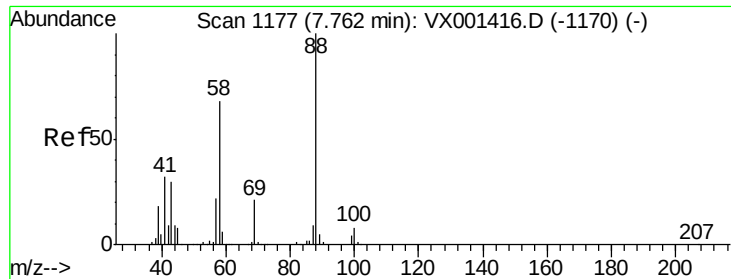


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

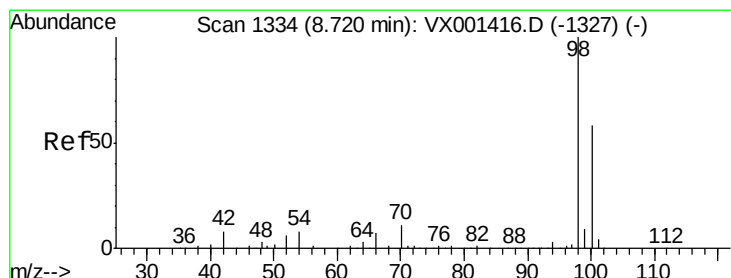
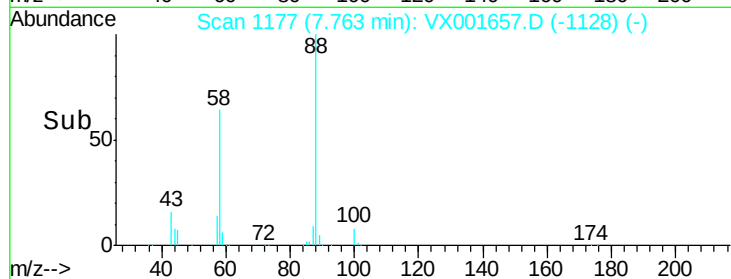
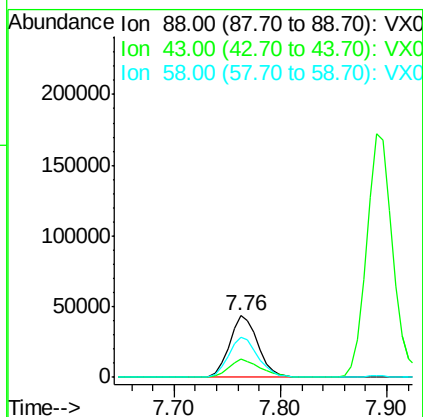
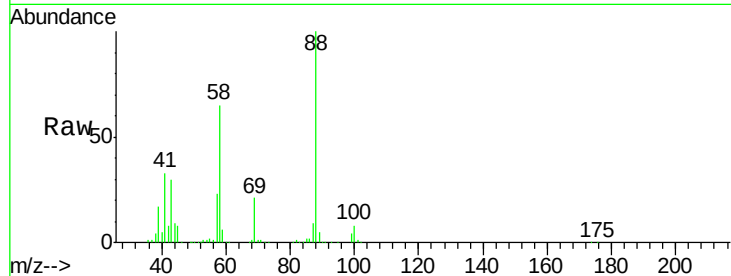




#49
1,4-Dioxane
Concen: 1056.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

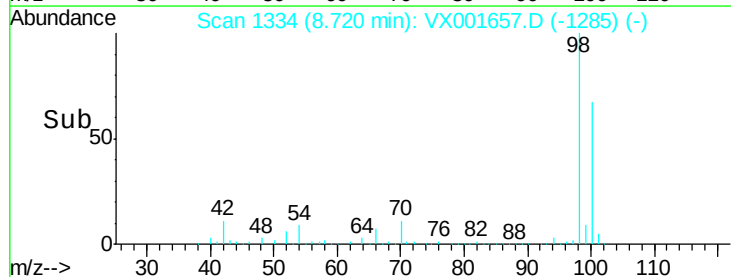
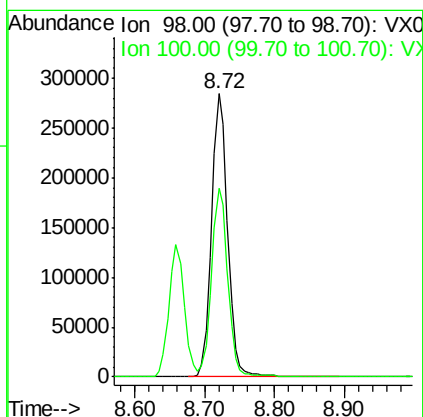
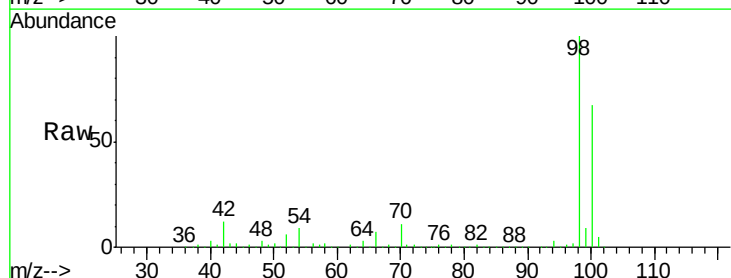
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

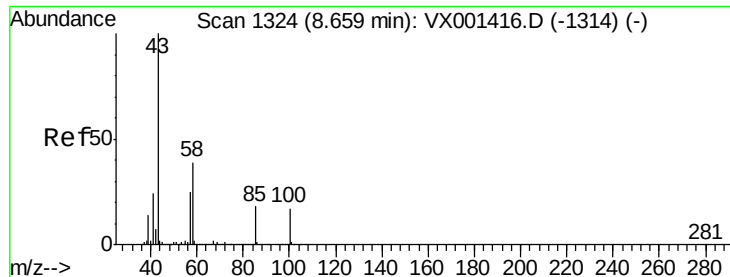
Tgt Ion: 88 Resp: 81759
Ion Ratio Lower Upper
88 100
43 32.9 26.4 39.6
58 67.5 54.1 81.1



#50
Toluene-d8
Concen: 45.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 98 Resp: 453340
Ion Ratio Lower Upper
98 100
100 67.6 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 274.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

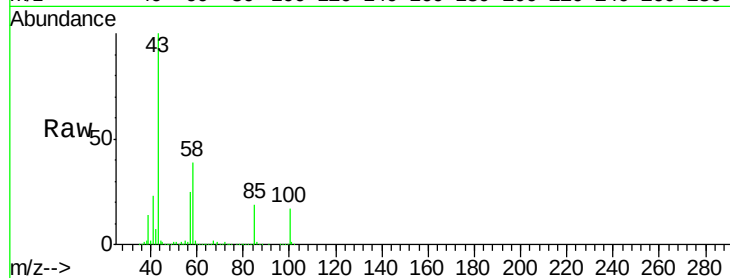
VSTDCCC050EC

Tgt Ion: 43 Resp: 1200335

Ion Ratio Lower Upper

43 100

58 38.9 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

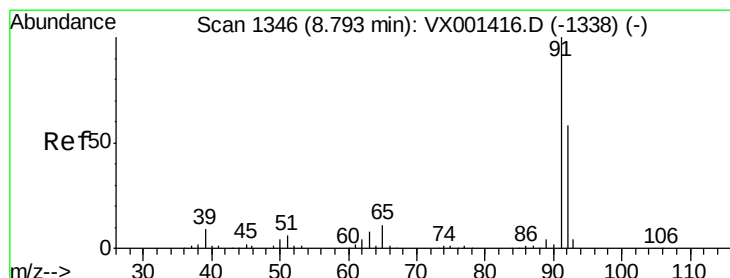
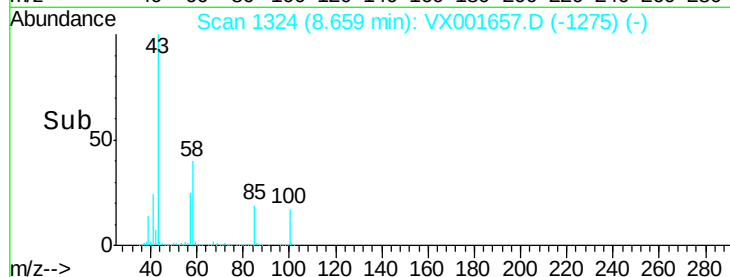
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001657.D

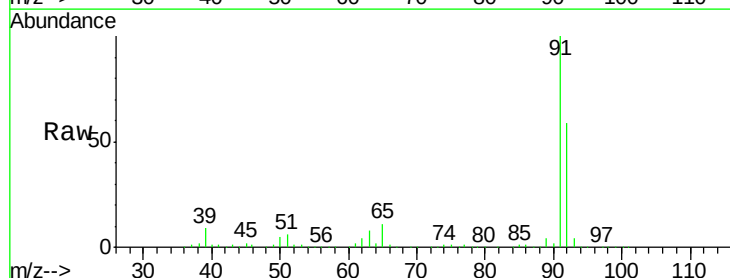
Acq: 11 May 2018 23:15

Tgt Ion: 92 Resp: 397614

Ion Ratio Lower Upper

92 100

91 169.6 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

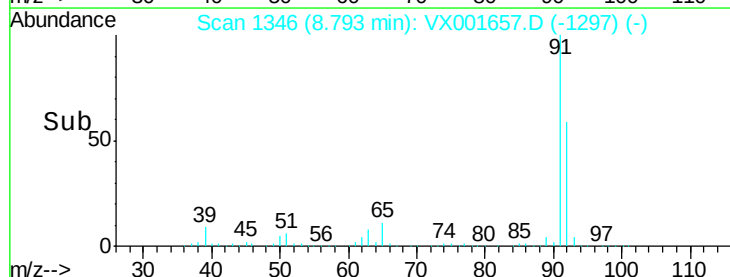
300000

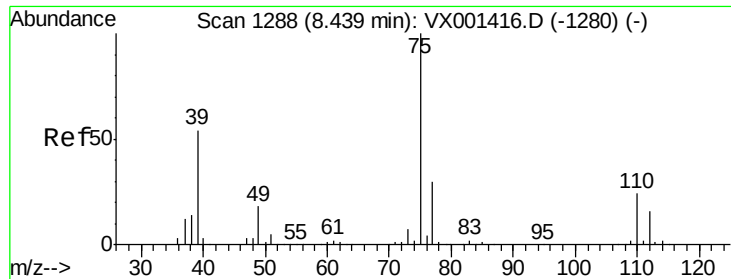
200000

100000

0

Time-->

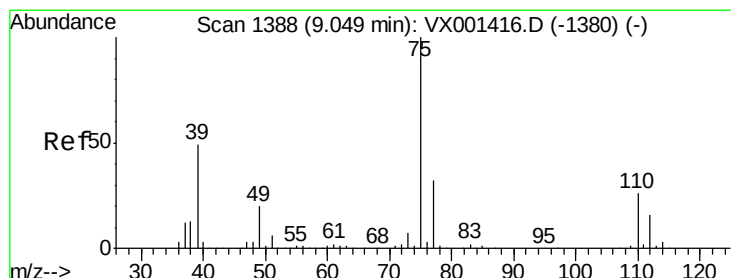
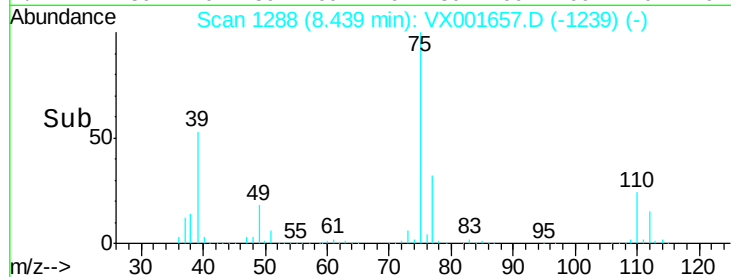
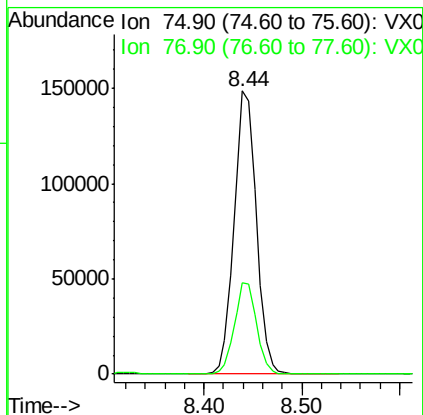
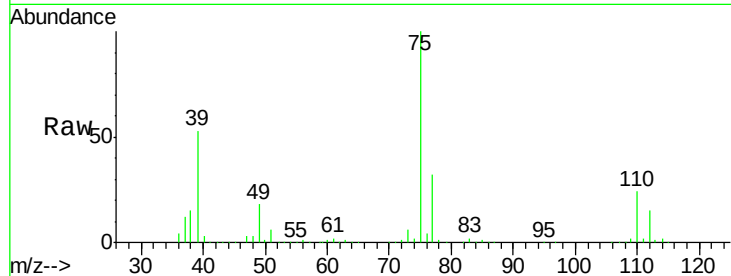




#53
 t-1,3-Dichloropropene
 Concen: 55.72 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

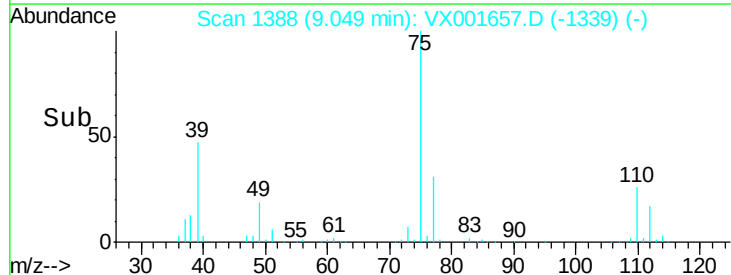
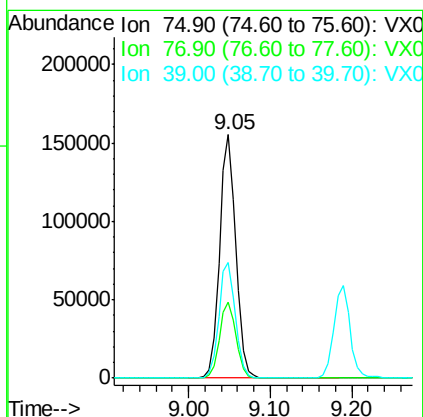
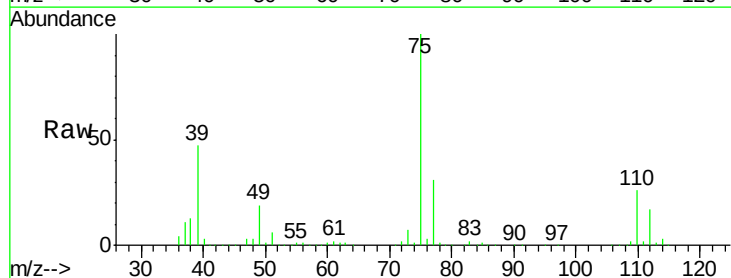
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

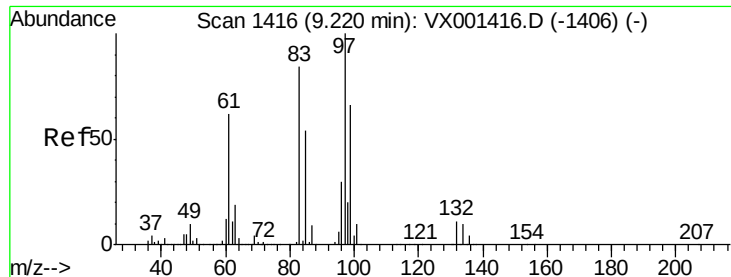
Tgt Ion: 75 Resp: 234918
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 75 Resp: 215365
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 47.2 38.9 58.3

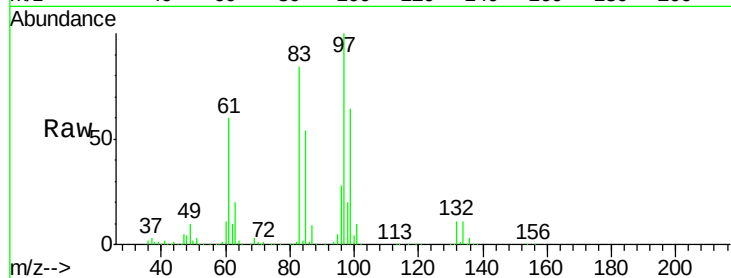




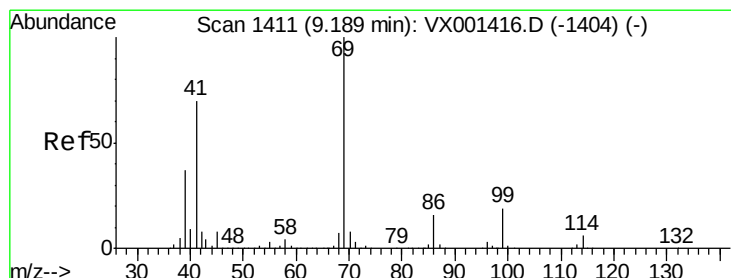
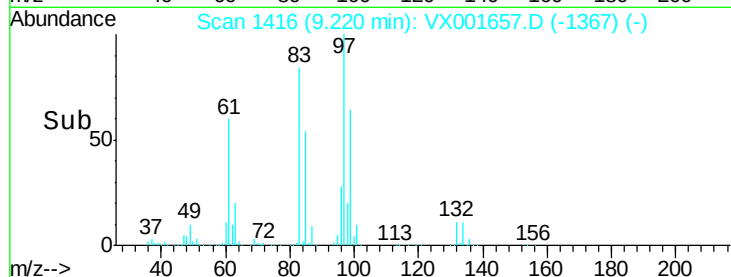
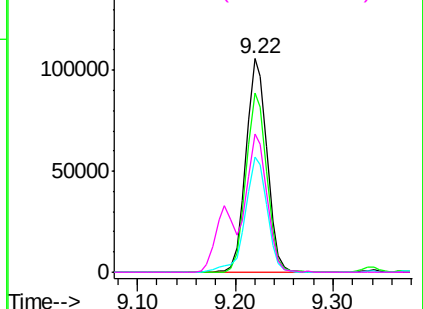
#55
 1,1,2-Trichloroethane
 Concen: 52.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	157594
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	54.2	43.3	64.9
99	64.5	52.5	78.7

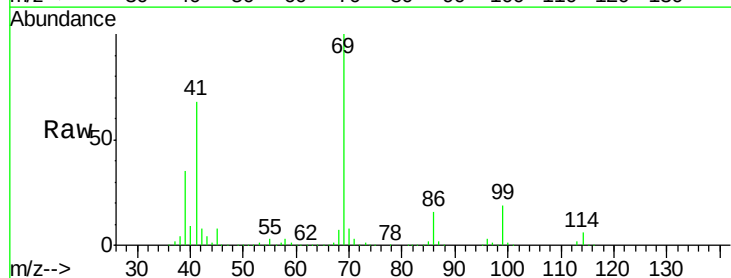


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

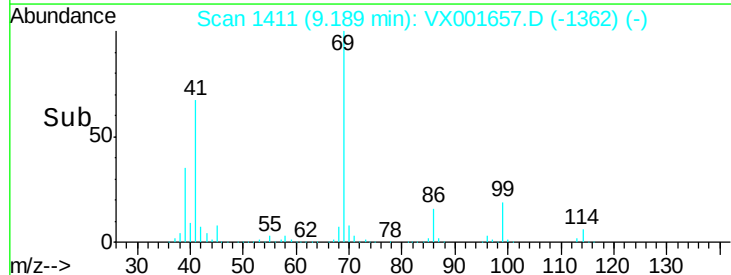
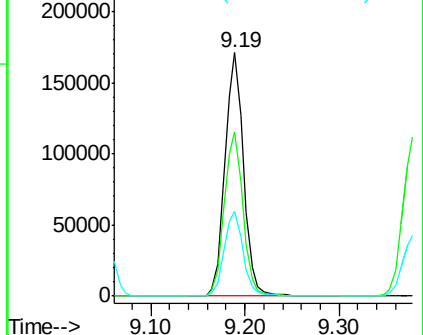


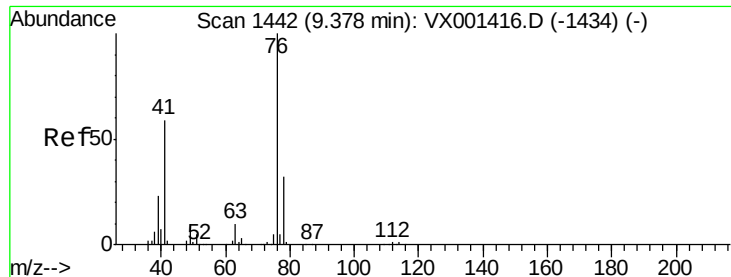
#56
 Ethyl methacrylate
 Concen: 54.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion:	69	Resp:	234201
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.1	82.7
39	35.3	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

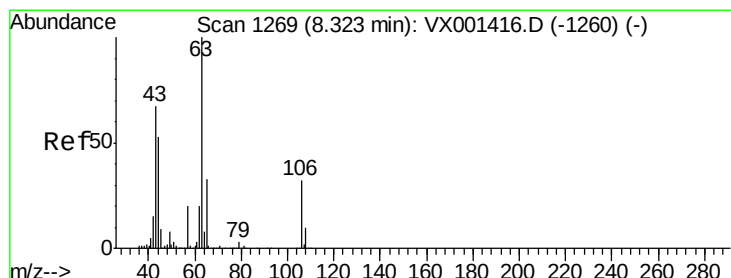
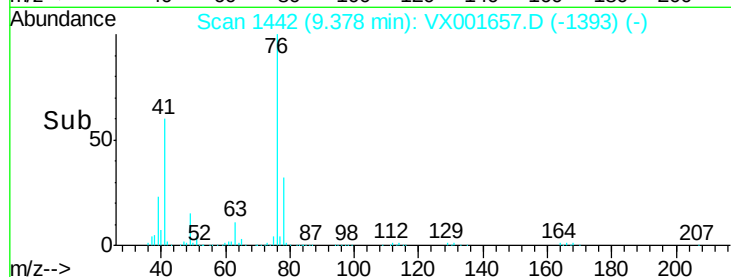
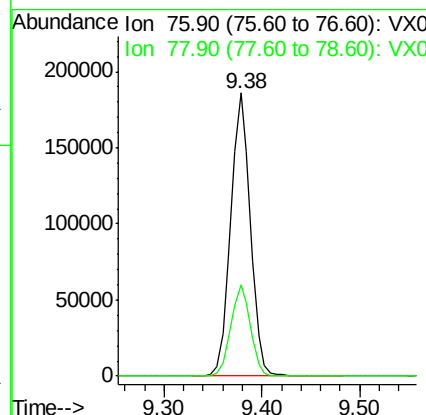
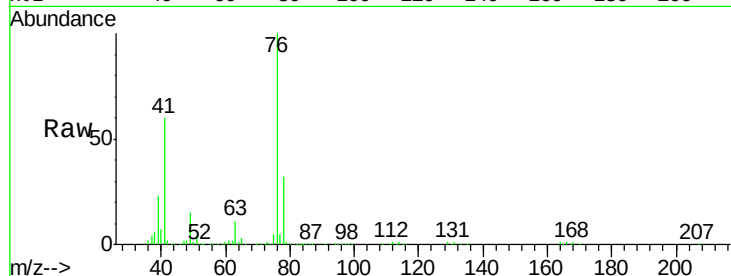




#57
 1,3-Dichloropropane
 Concen: 52.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

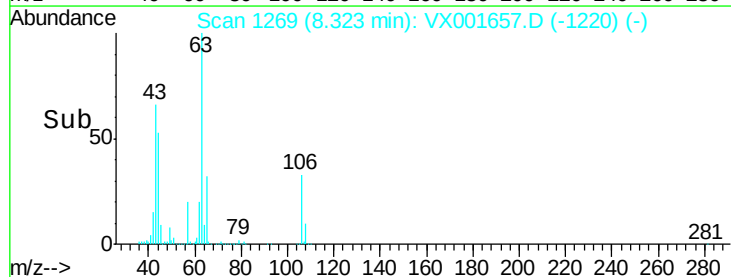
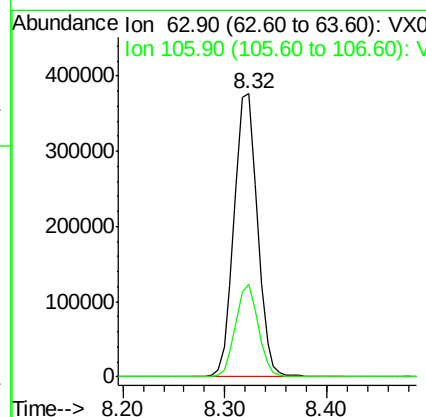
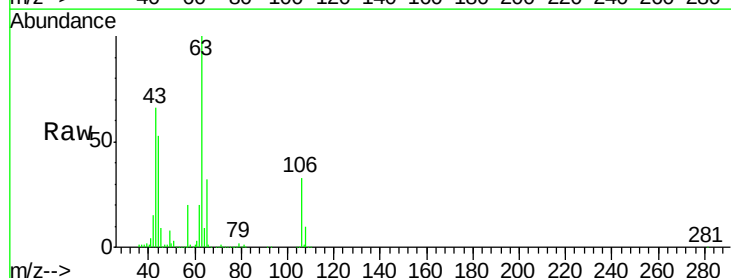
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

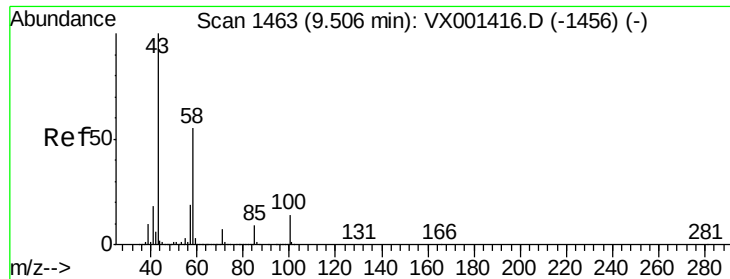
Tgt Ion: 76 Resp: 258877
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.02 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 63 Resp: 595642
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.4 38.0

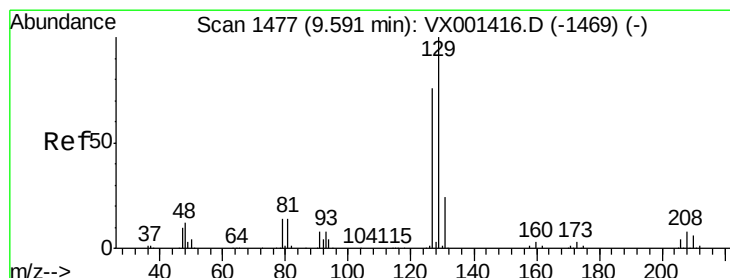
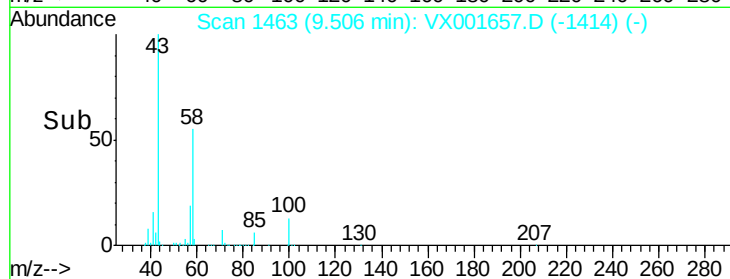
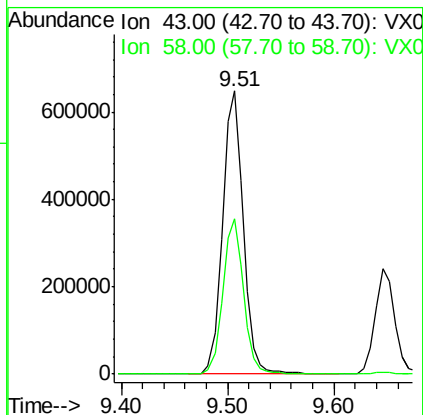
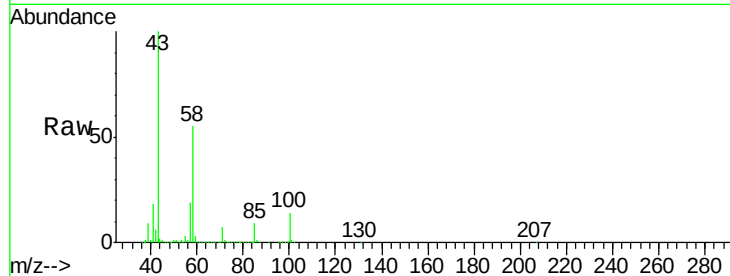




#59
2-Hexanone
Concen: 262.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

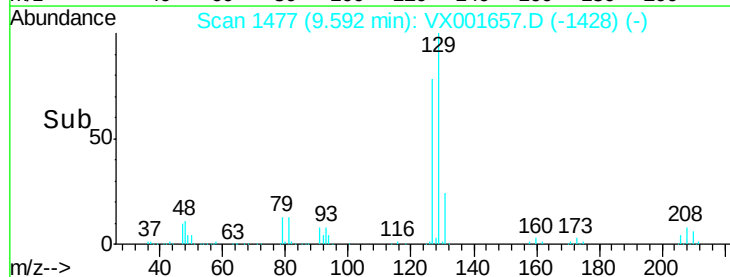
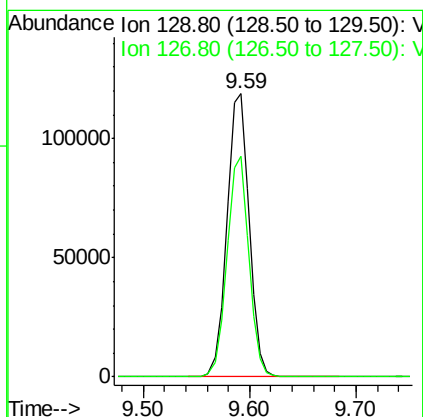
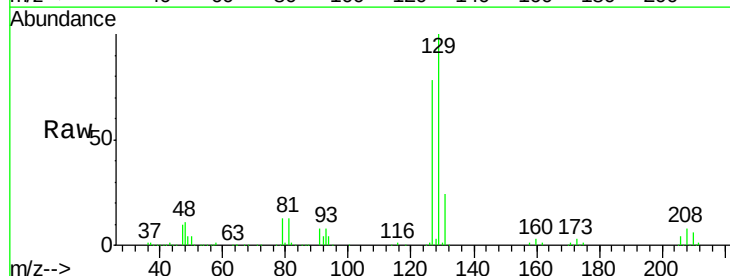
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

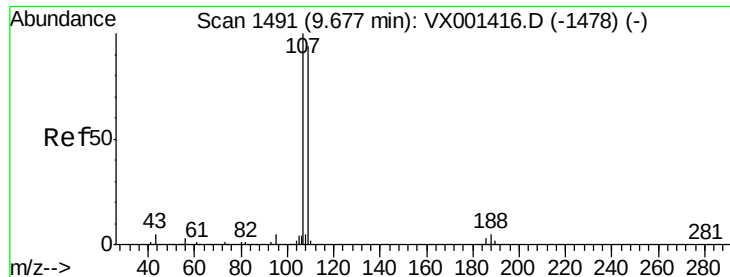
Tgt Ion: 43 Resp: 880385
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 56.35 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 129 Resp: 173601
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.49 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

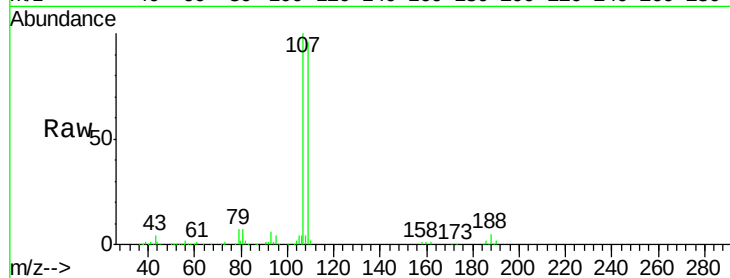
VSTDCCC050EC

Tgt Ion: 107 Resp: 165810

Ion Ratio Lower Upper

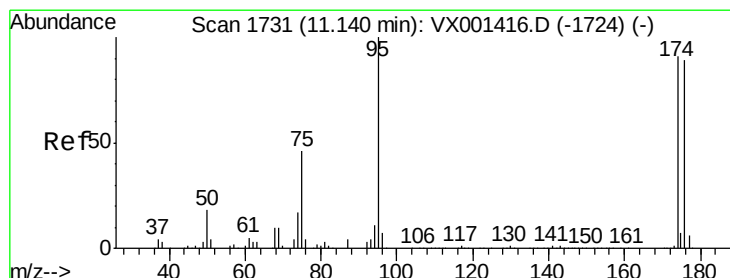
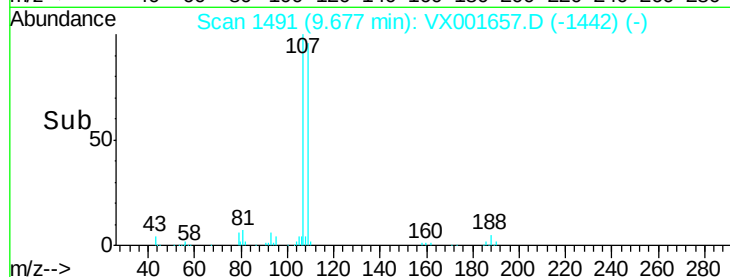
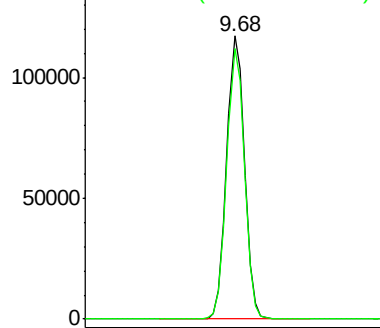
107 100

109 95.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

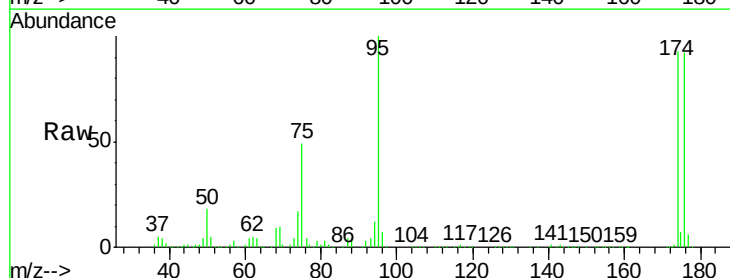
Tgt Ion: 95 Resp: 171080

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

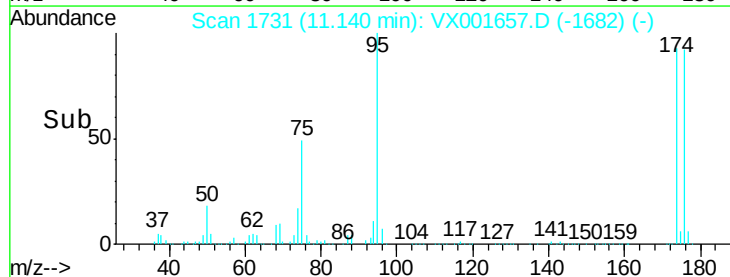
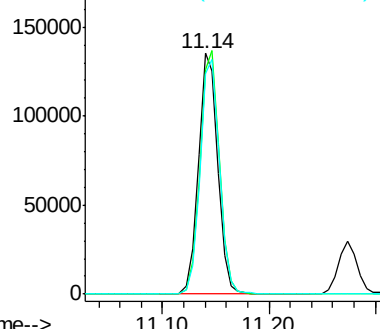
176 98.4 0.0 197.4

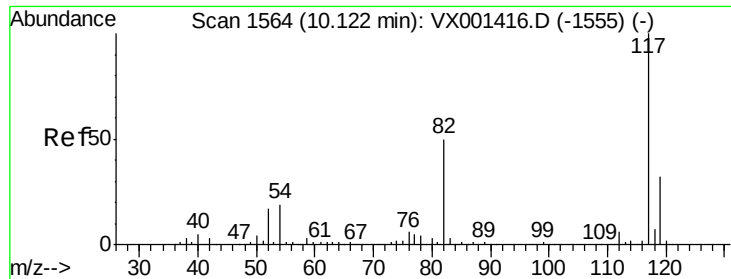


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

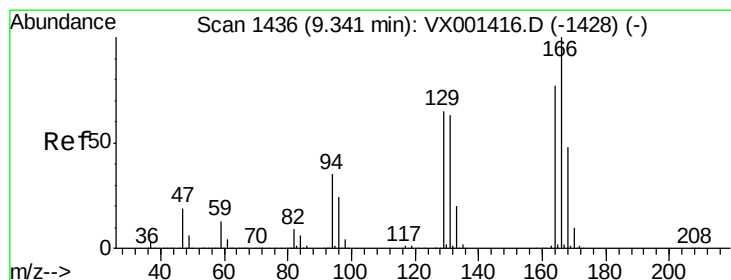
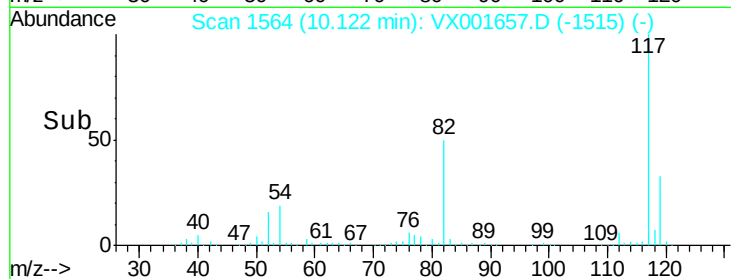
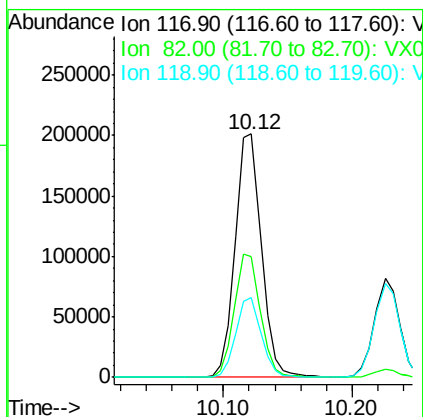
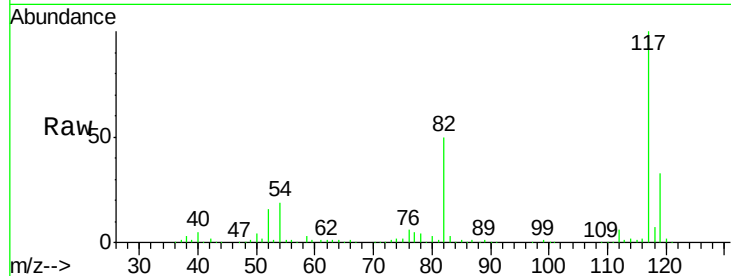




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

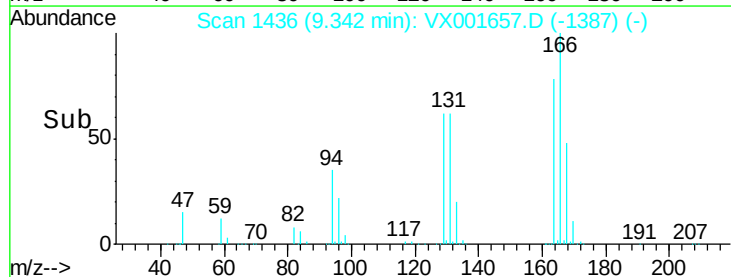
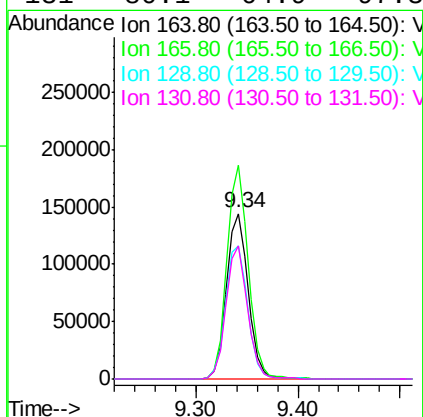
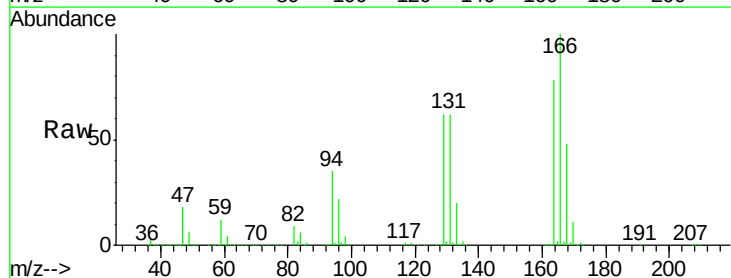
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

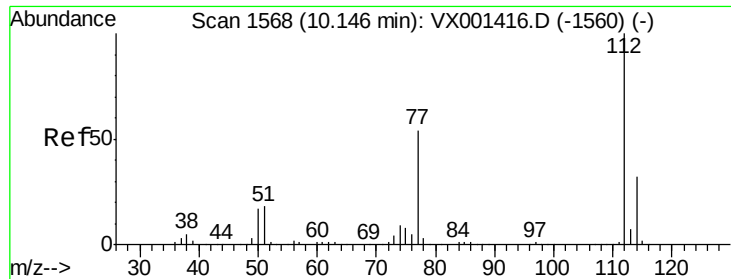
Tgt Ion:117 Resp: 286924
Ion Ratio Lower Upper
117 100
82 49.8 40.0 60.0
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 52.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:164 Resp: 211931
Ion Ratio Lower Upper
164 100
166 128.8 103.5 155.3
129 80.2 66.7 100.1
131 80.1 64.9 97.3

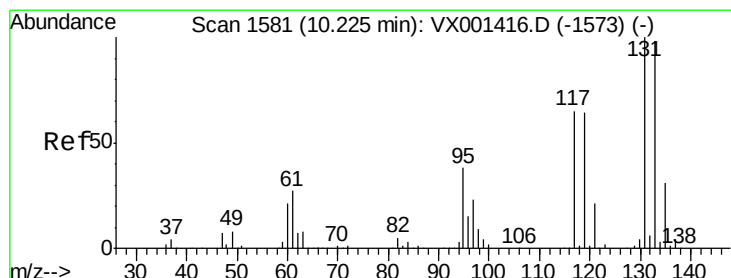
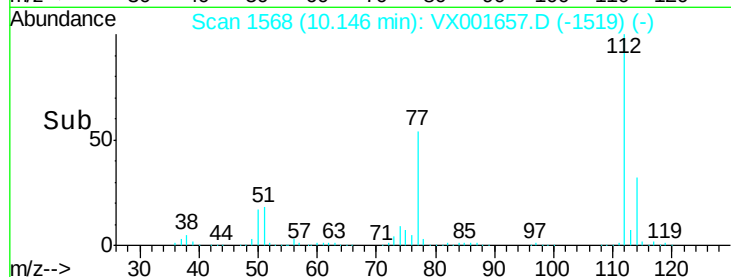
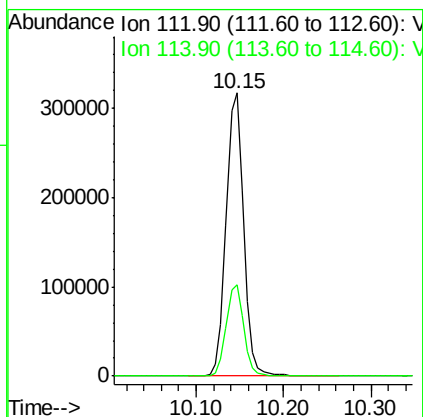
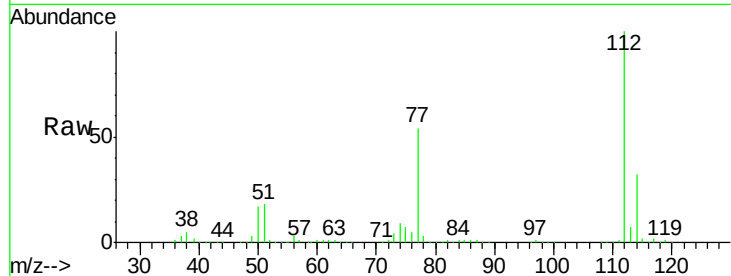




#65
Chlorobenzene
Concen: 52.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

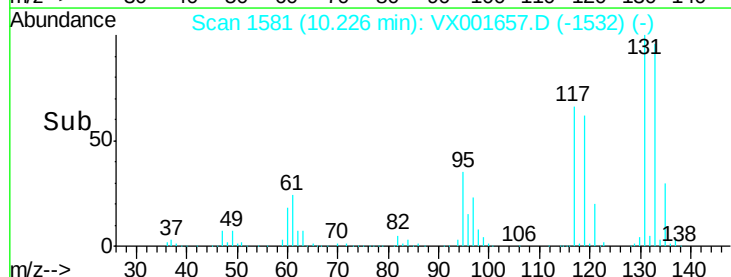
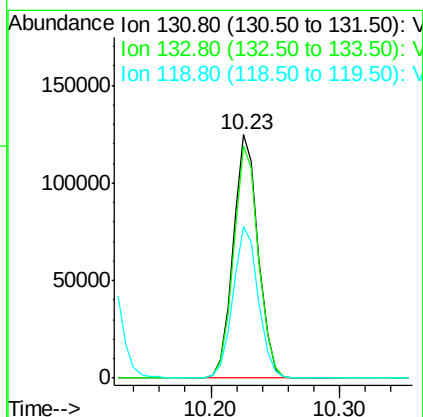
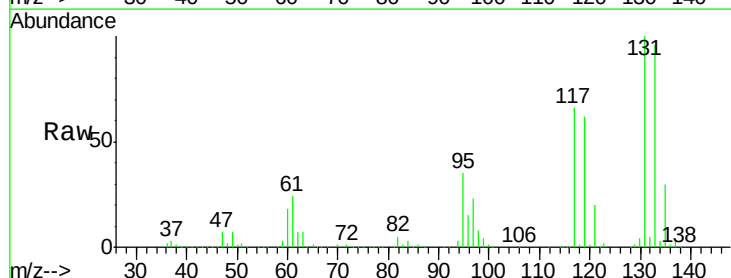
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

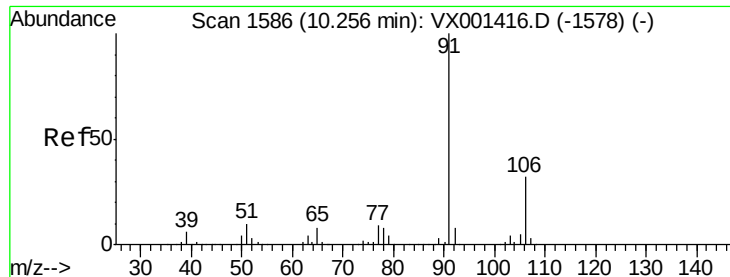
Tgt Ion:112 Resp: 439131
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:131 Resp: 167543
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 63.3 31.1 93.3

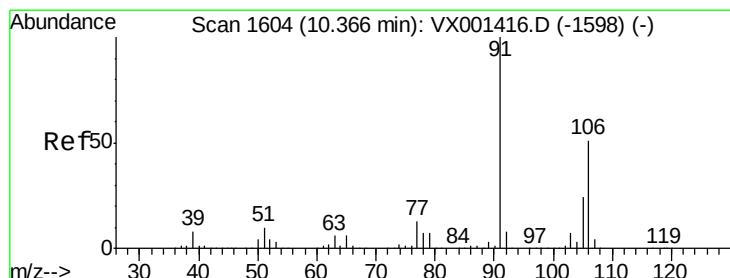
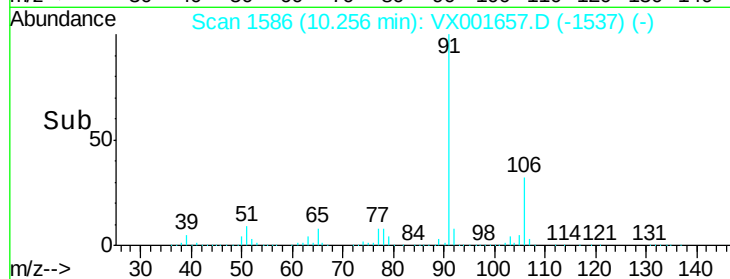
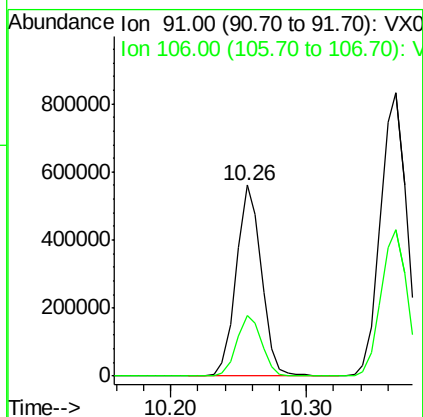
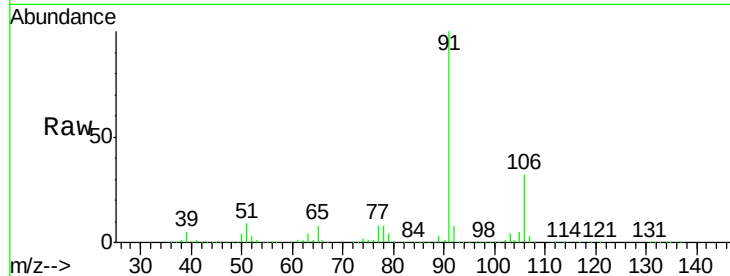




#67
Ethyl Benzene
Concen: 52.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

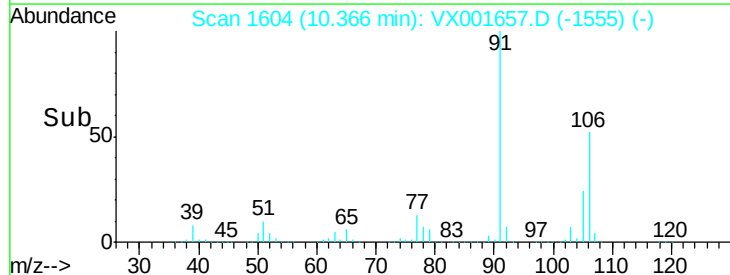
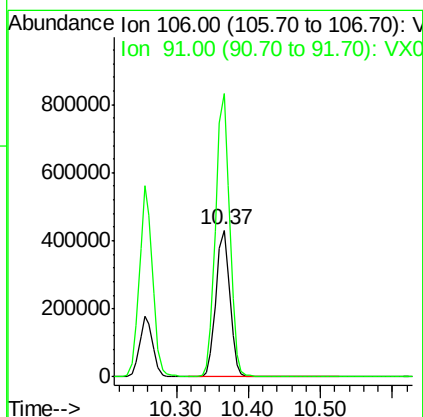
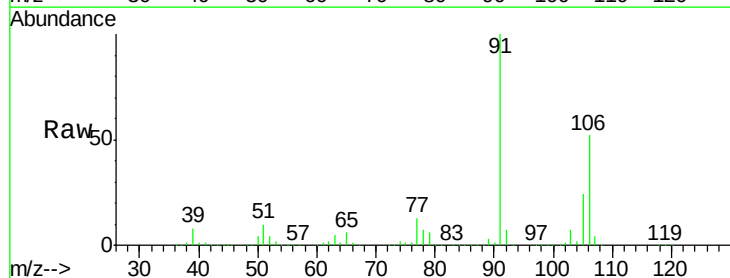
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

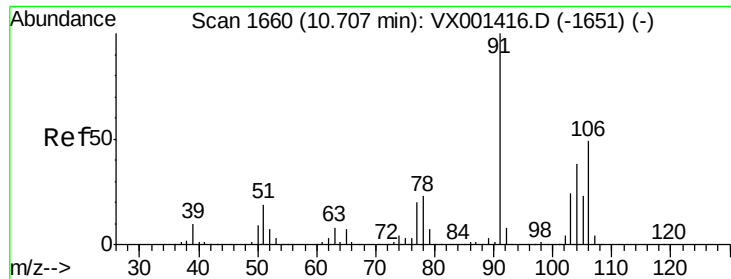
Tgt Ion: 91 Resp: 726211
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 106.29 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion: 106 Resp: 579268
Ion Ratio Lower Upper
106 100
91 194.8 157.5 236.3

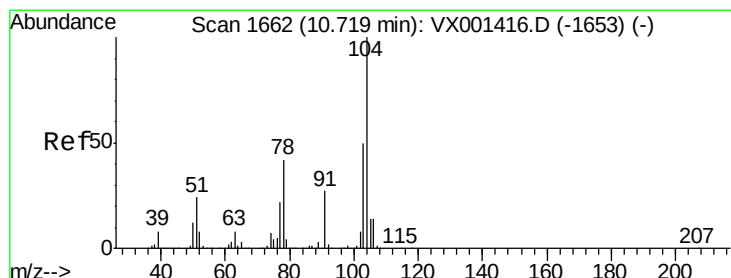
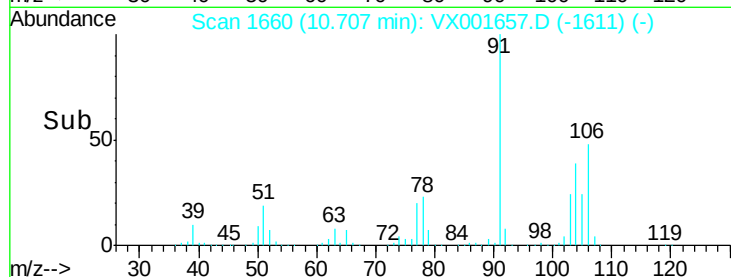
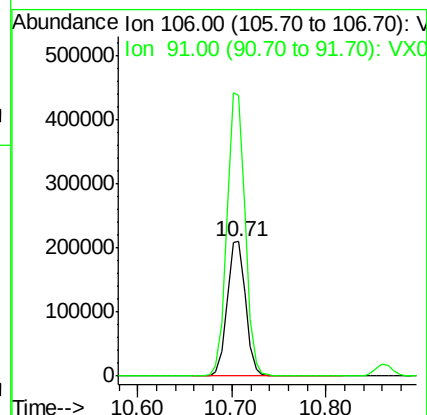
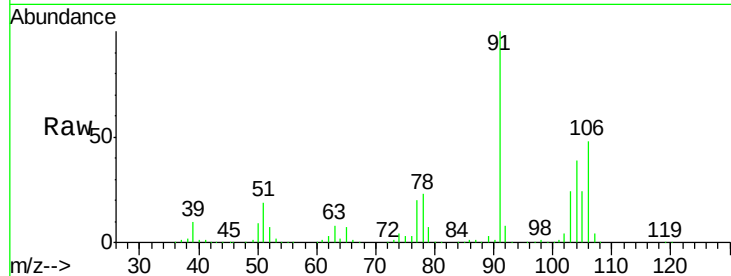




#69
o-Xylene
Concen: 53.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

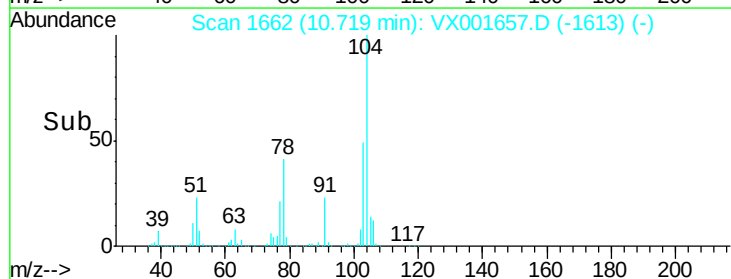
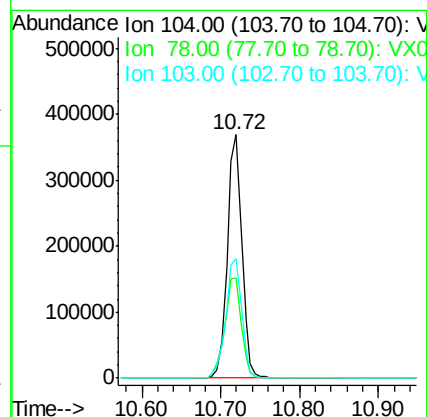
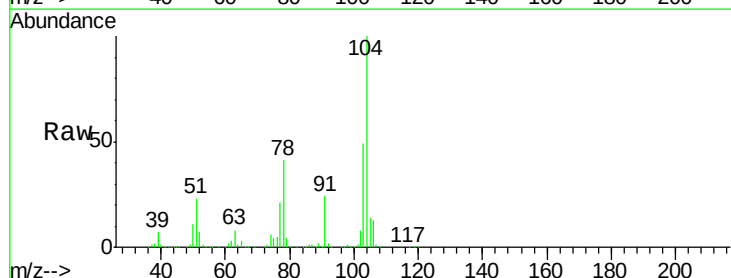
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

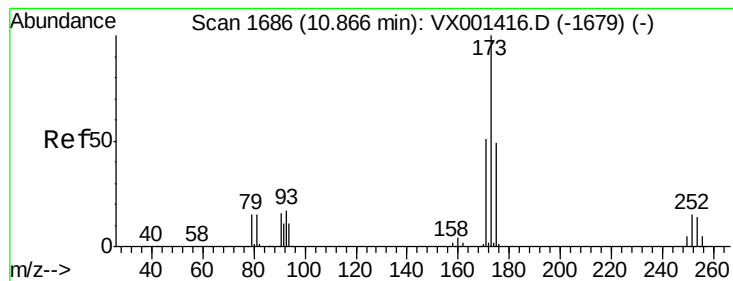
Tgt Ion:106 Resp: 284079
Ion Ratio Lower Upper
106 100
91 206.9 103.1 309.1



#70
Styrene
Concen: 55.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:104 Resp: 473443
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 54.6 44.0 66.0





#71

Bromoform

Concen: 49.01 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

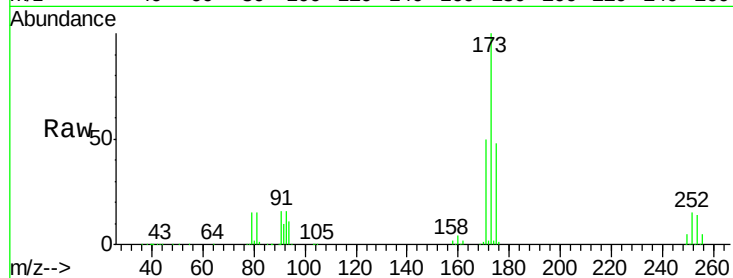
Tgt Ion:173 Resp: 141649

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

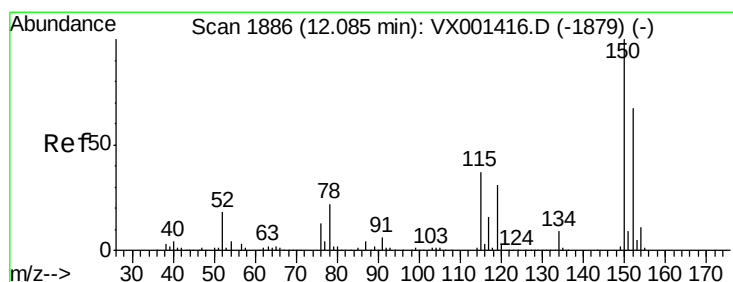
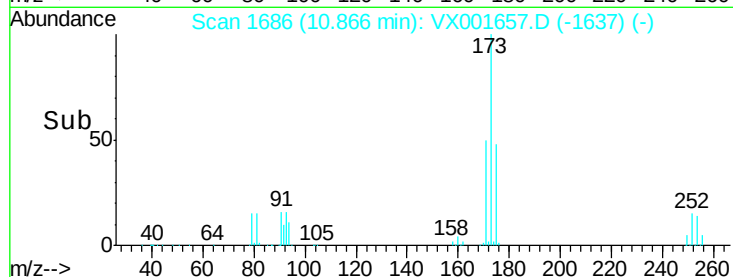
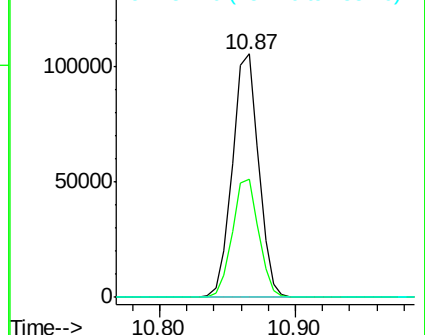
254 0.2 0.2 0.2



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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

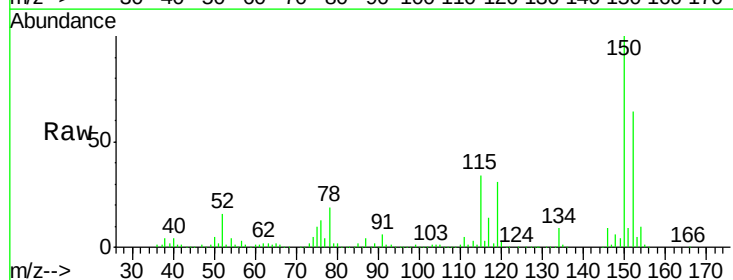
Tgt Ion:152 Resp: 204140

Ion Ratio Lower Upper

152 100

115 77.1 37.7 113.1

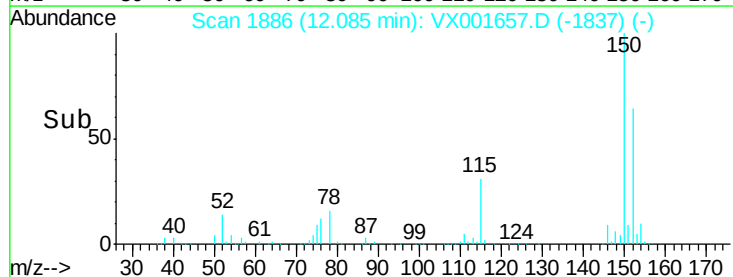
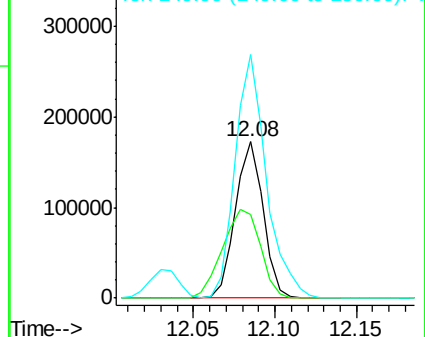
150 175.1 0.0 349.4

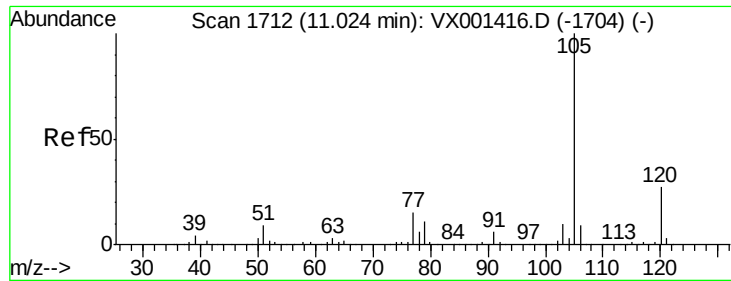


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

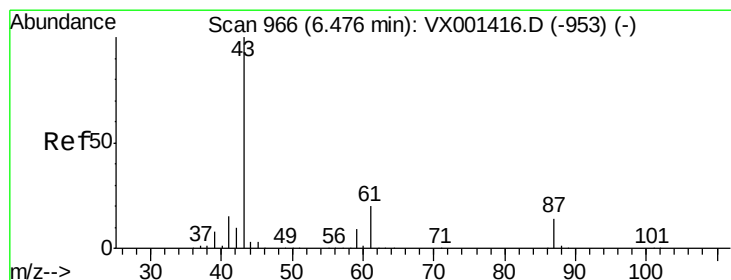
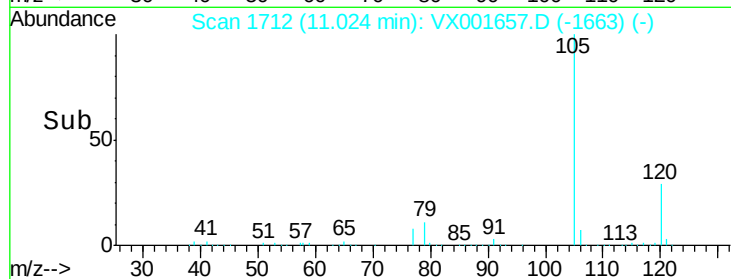
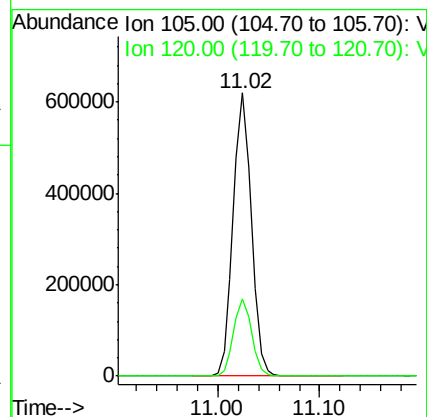
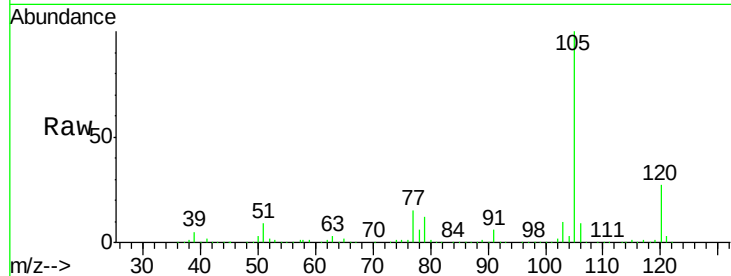
VSTDCCC050EC

Tgt Ion: 105 Resp: 764344

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 55.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion: 43 Resp: 355219

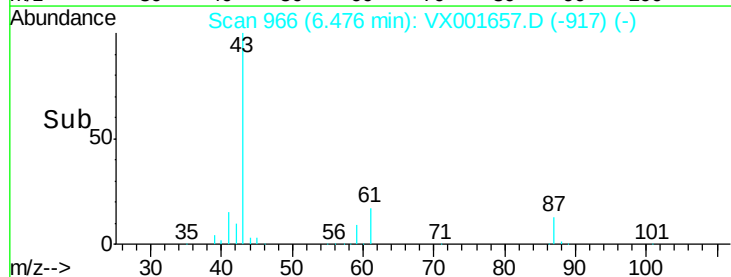
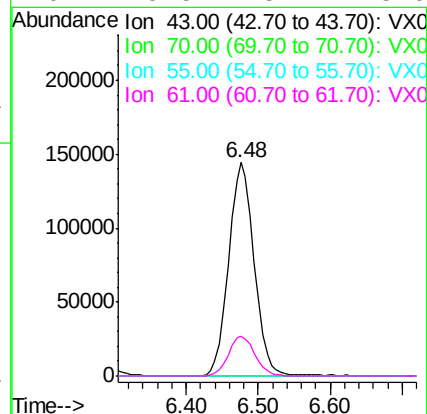
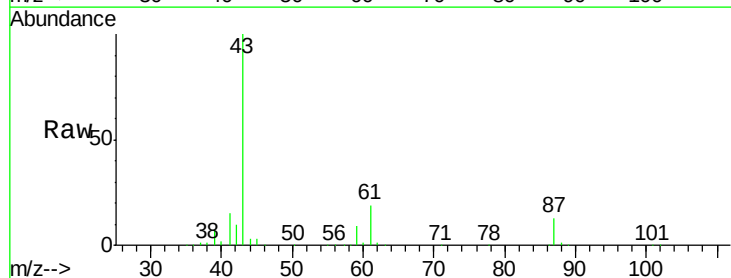
Ion Ratio Lower Upper

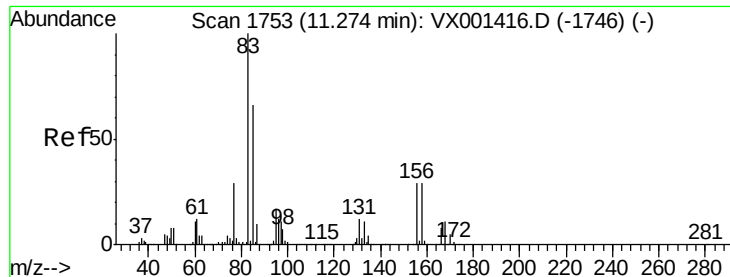
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

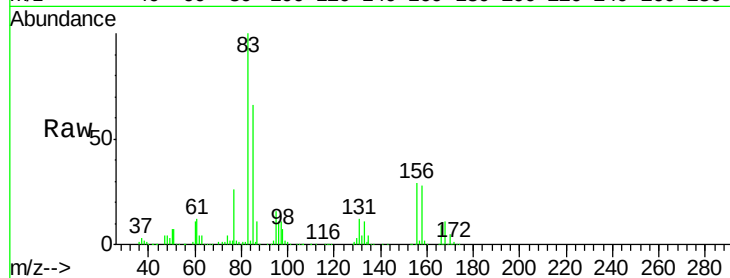
Tgt Ion: 83 Resp: 229634

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

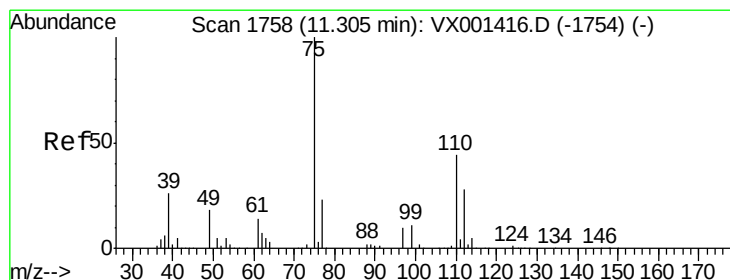
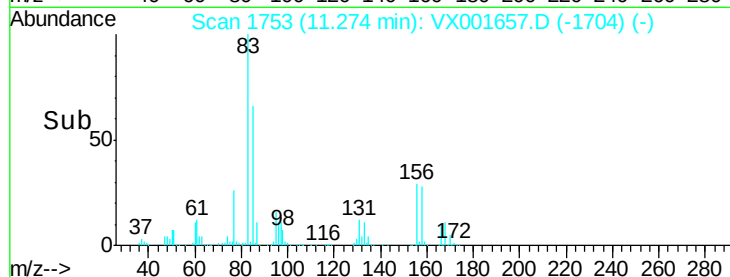
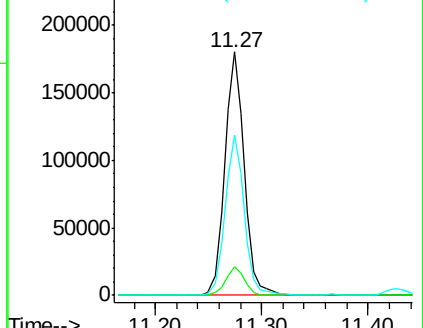
85 64.9 32.7 98.1



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: 64.24 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001657.D

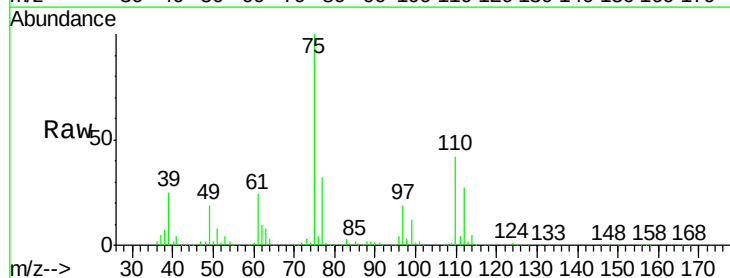
Acq: 11 May 2018 23:15

Tgt Ion: 75 Resp: 265955

Ion Ratio Lower Upper

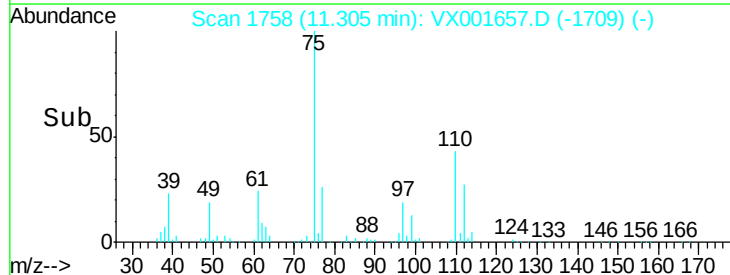
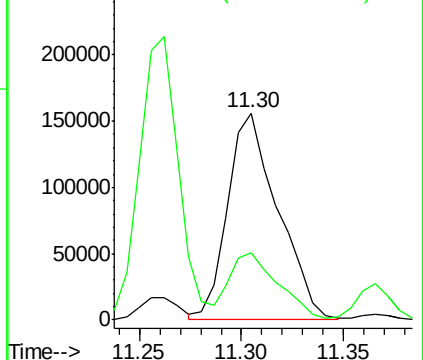
75 100

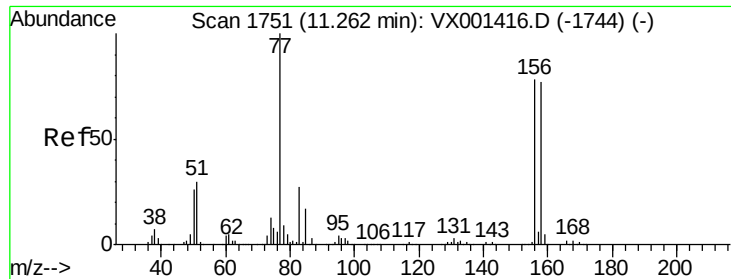
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

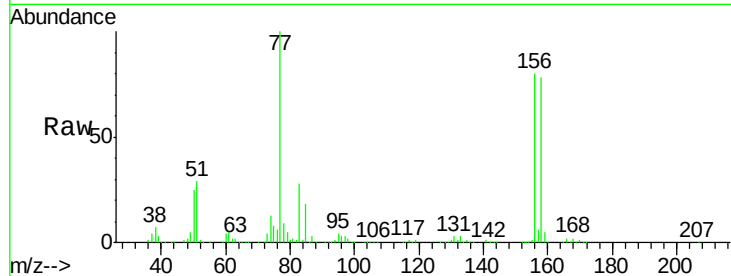
Tgt Ion:156 Resp: 216633

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

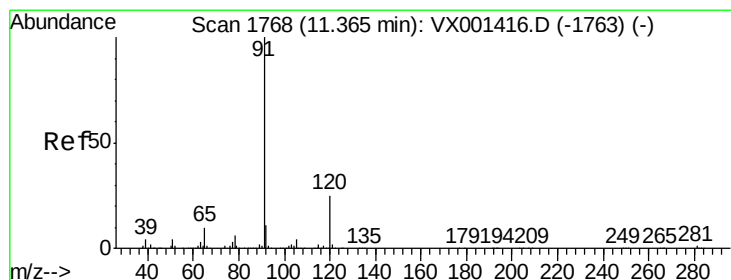
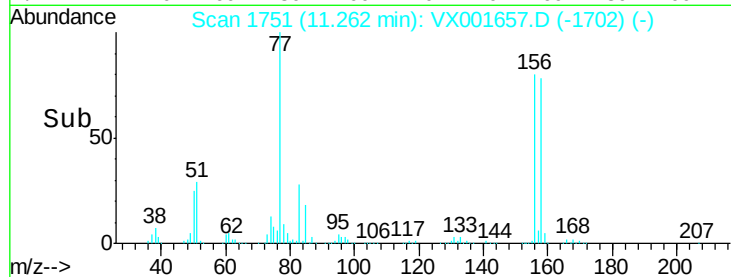
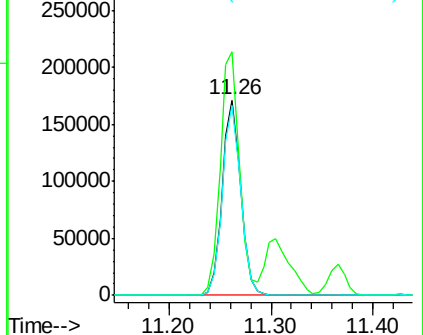
158 97.3 49.4 148.2



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: 54.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001657.D

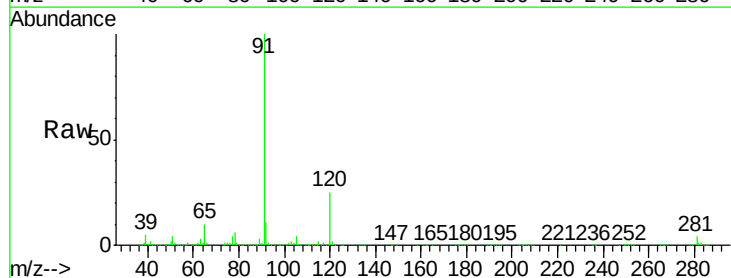
Acq: 11 May 2018 23:15

Tgt Ion: 91 Resp: 842983

Ion Ratio Lower Upper

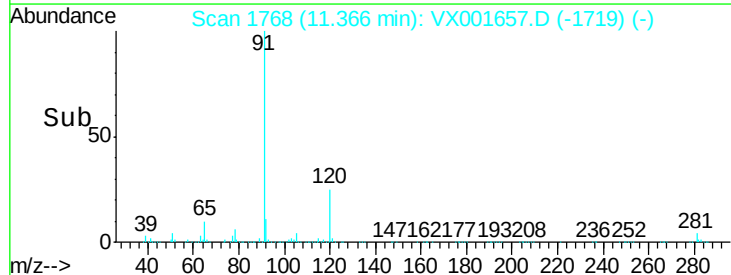
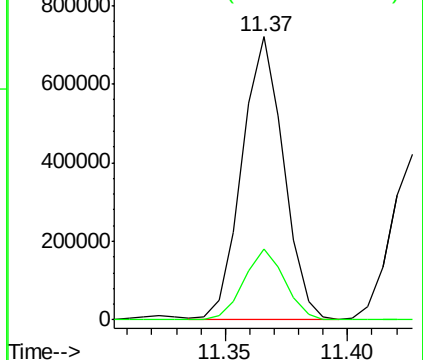
91 100

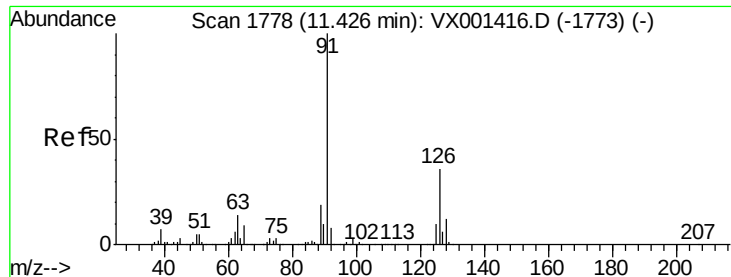
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.17 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

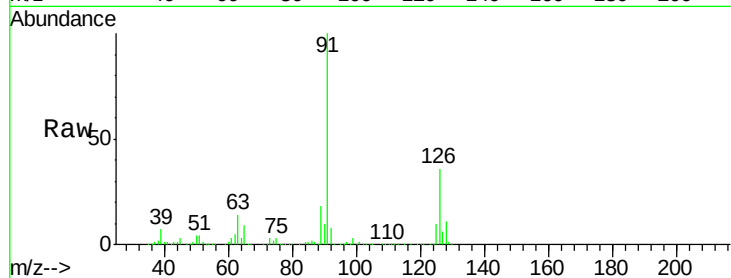
VSTDCCC050EC

Tgt Ion: 91 Resp: 503491

Ion Ratio Lower Upper

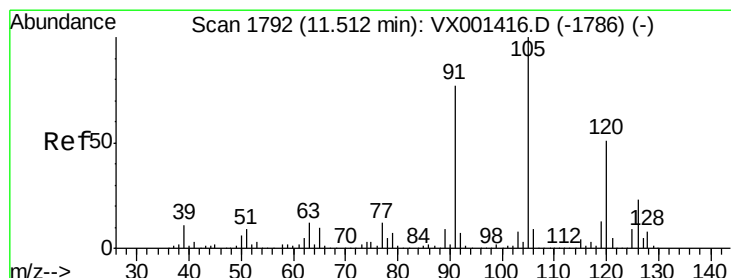
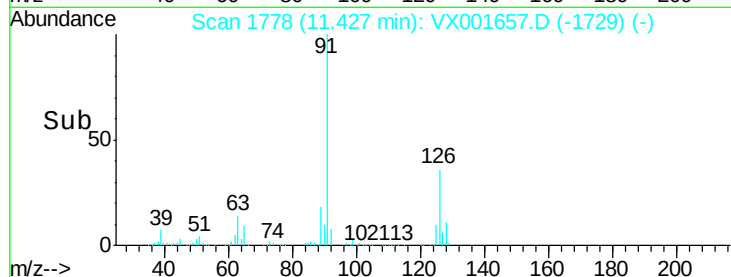
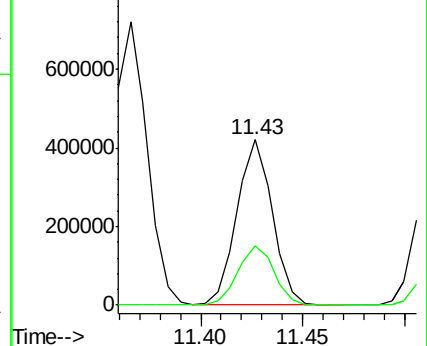
91 100

126 37.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001657.D

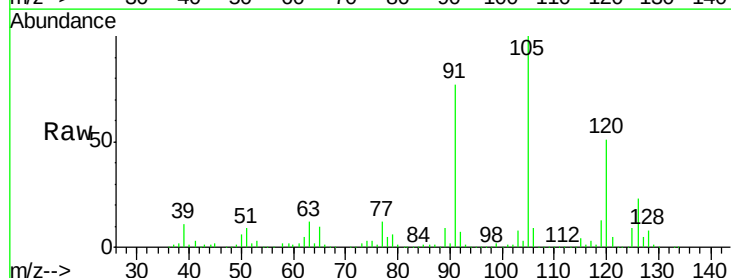
Acq: 11 May 2018 23:15

Tgt Ion: 105 Resp: 634091

Ion Ratio Lower Upper

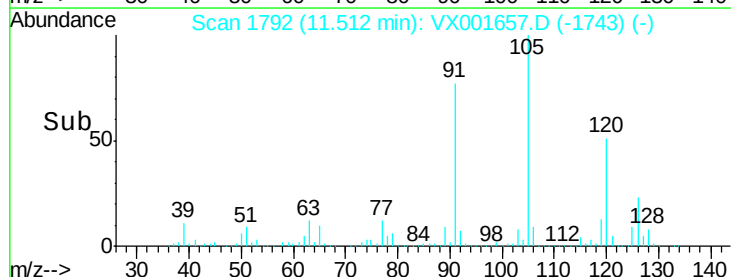
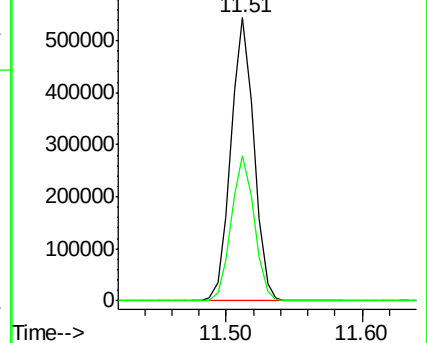
105 100

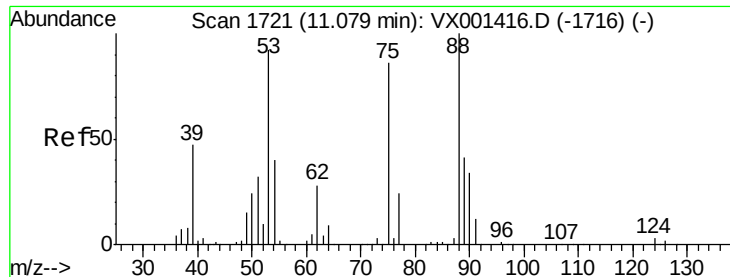
120 51.4 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.51 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

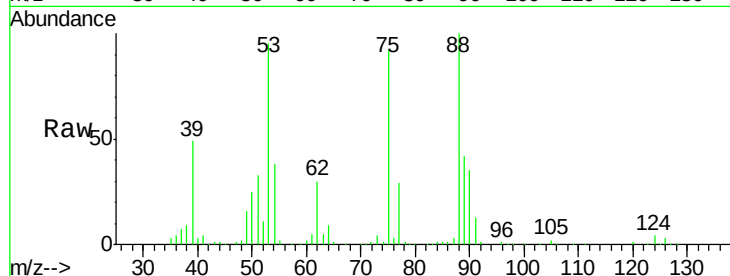
Tgt Ion: 75 Resp: 59974

Ion Ratio Lower Upper

75 100

53 102.8 84.5 126.7

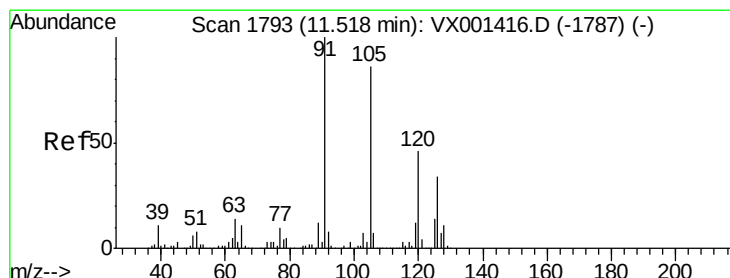
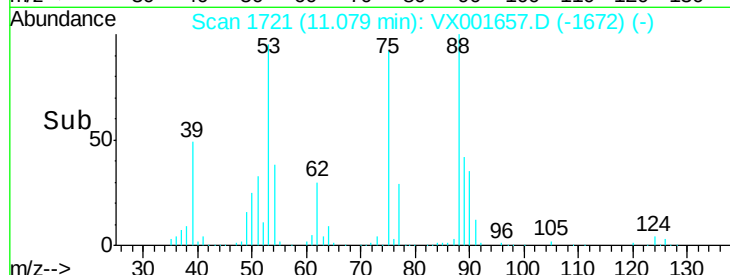
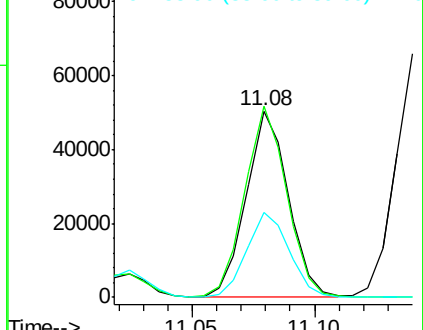
89 46.9 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001657.D

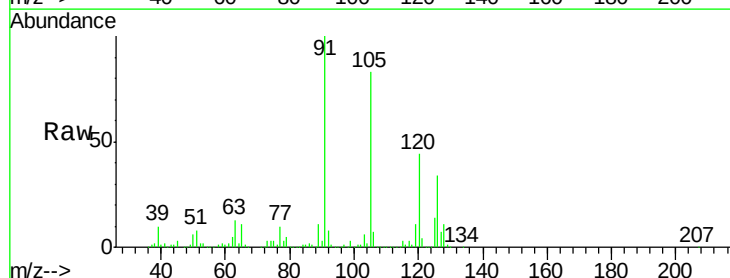
Acq: 11 May 2018 23:15

Tgt Ion: 91 Resp: 586157

Ion Ratio Lower Upper

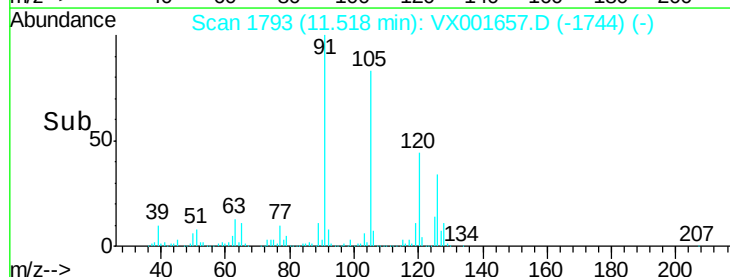
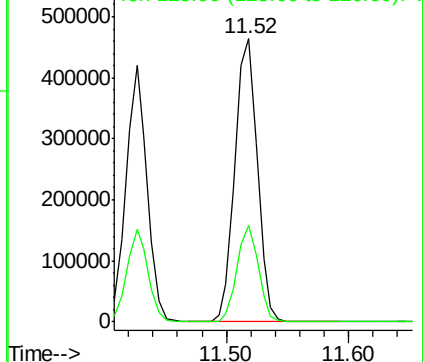
91 100

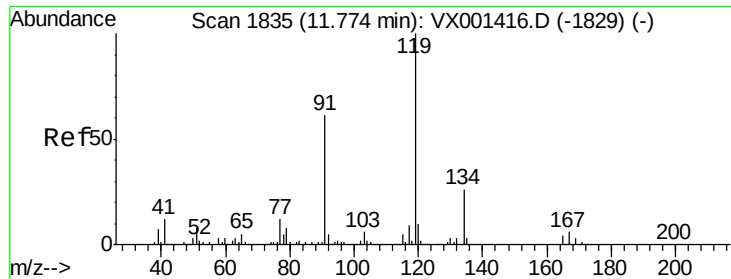
126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

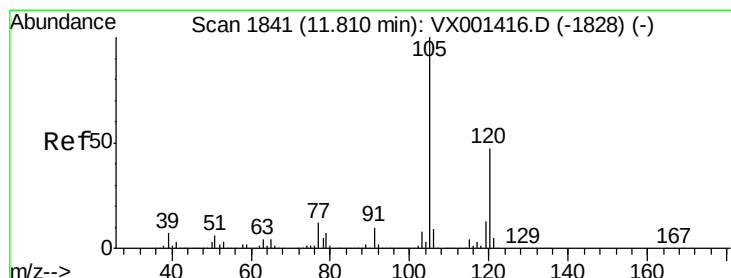
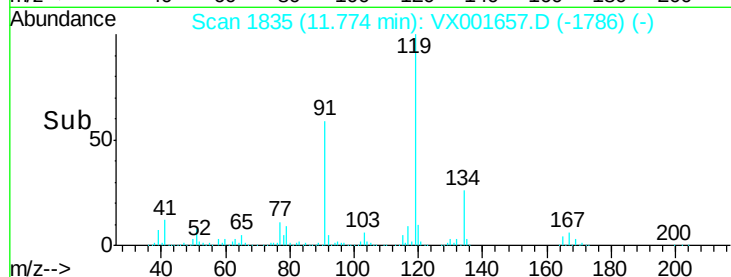
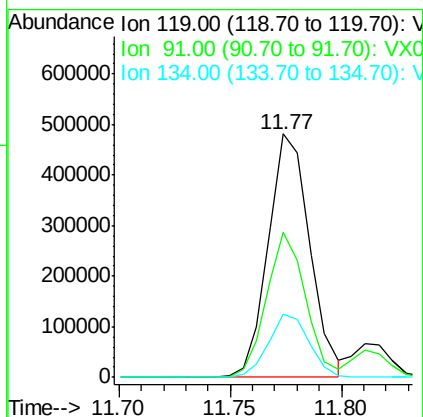
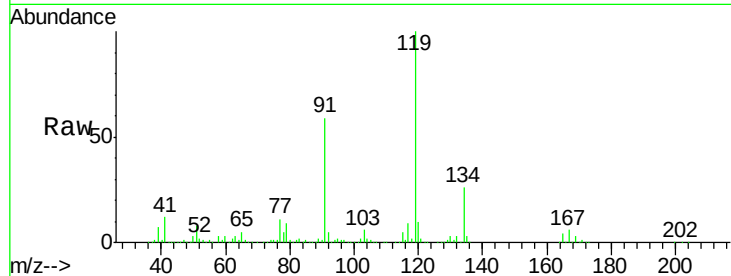




#83
 tert-Butylbenzene
 Concen: 53.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

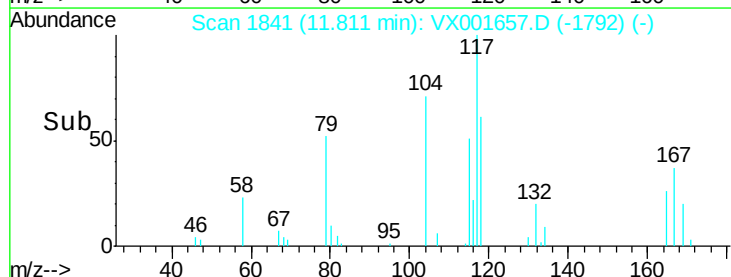
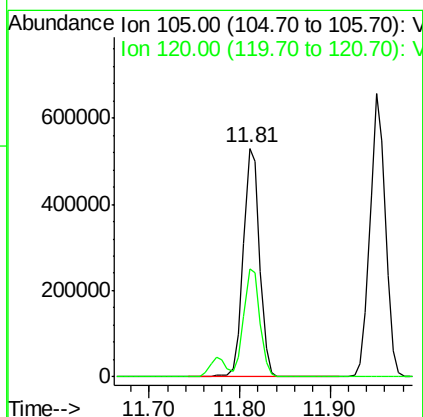
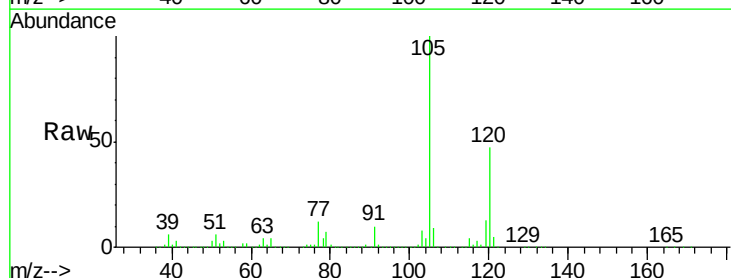
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

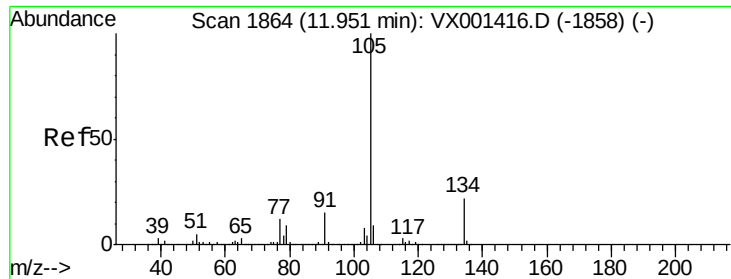
Tgt Ion:119 Resp: 625048
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.8 83.3
 134 25.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion:105 Resp: 657509
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2

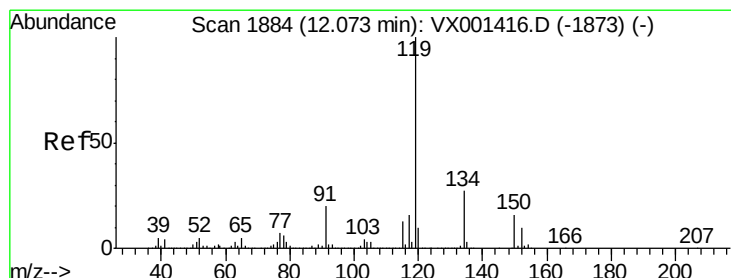
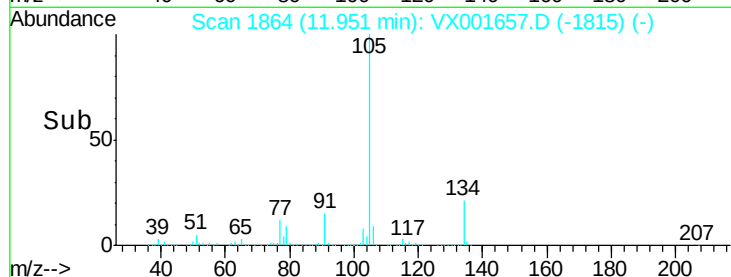
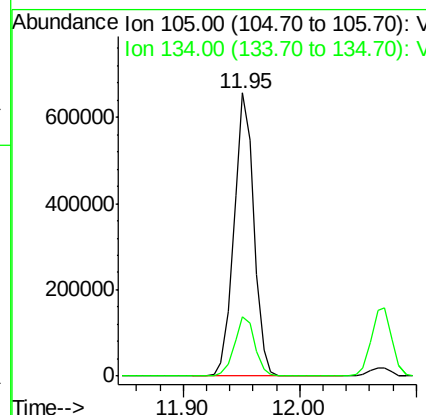
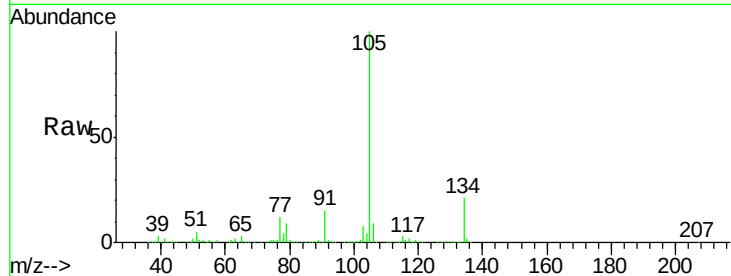




#85
 sec-Butylbenzene
 Concen: 55.01 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

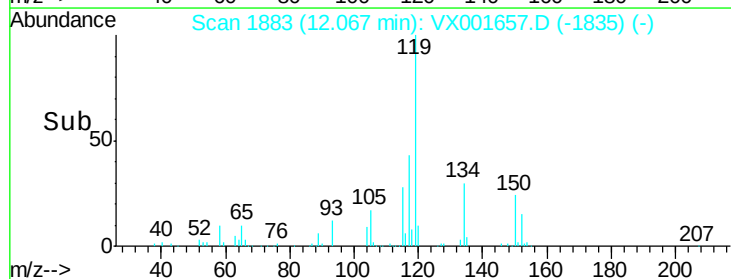
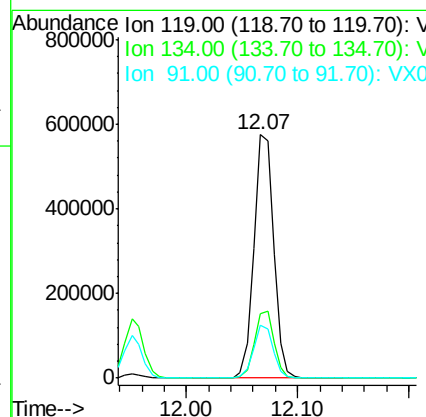
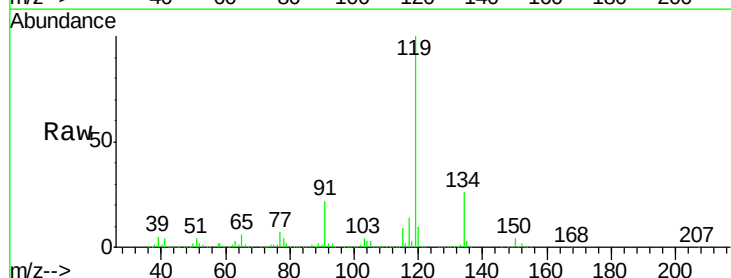
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

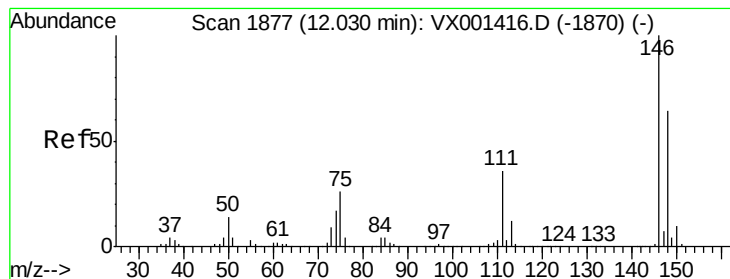
Tgt Ion:105 Resp: 773007
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.99 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion:119 Resp: 708885
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.4 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 52.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

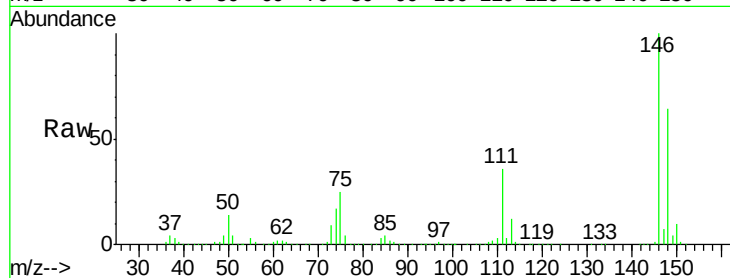
Tgt Ion:146 Resp: 385750

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

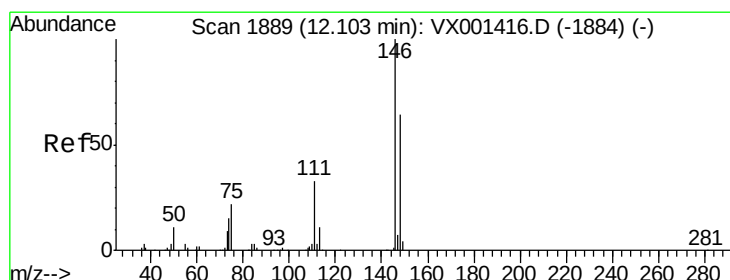
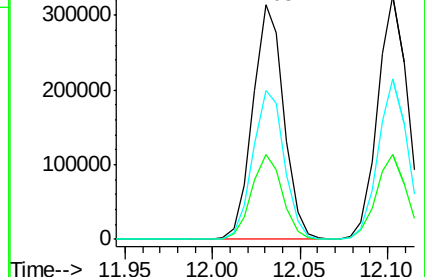
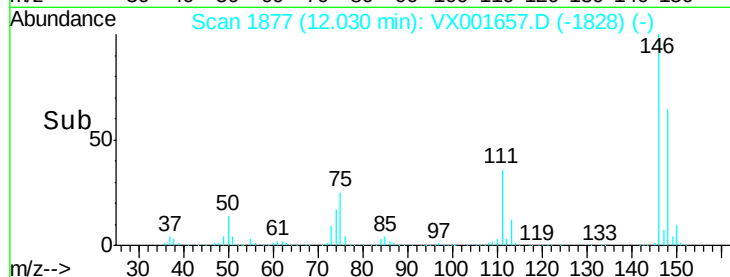
148 64.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.89 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

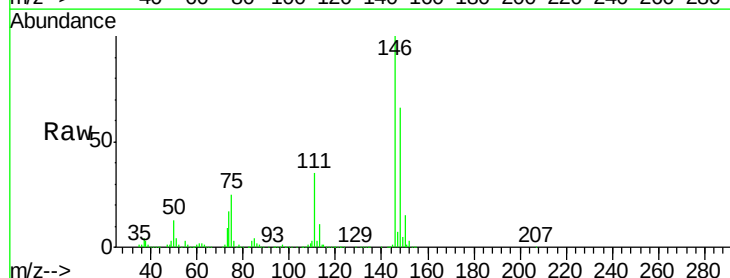
Tgt Ion:146 Resp: 388746

Ion Ratio Lower Upper

146 100

111 35.1 17.4 52.3

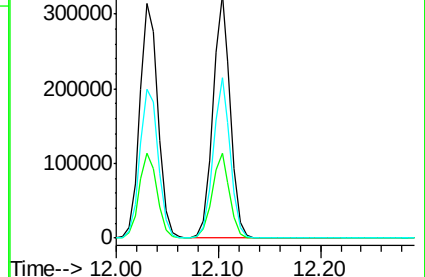
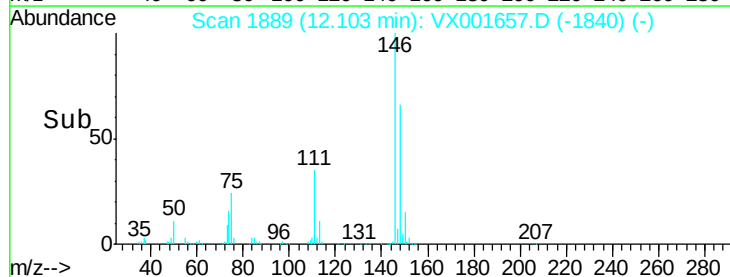
148 64.9 32.2 96.6

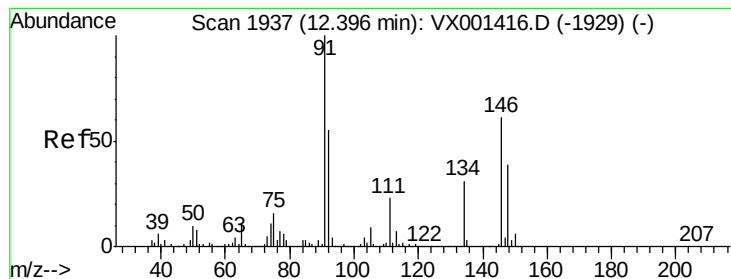


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

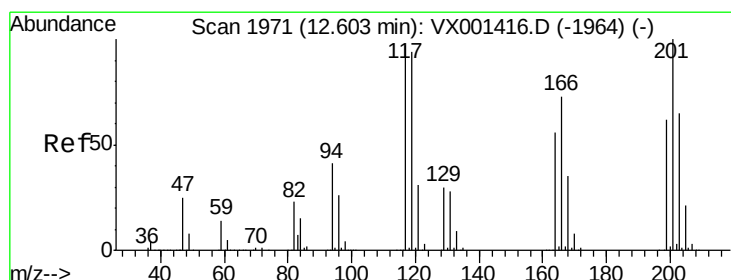
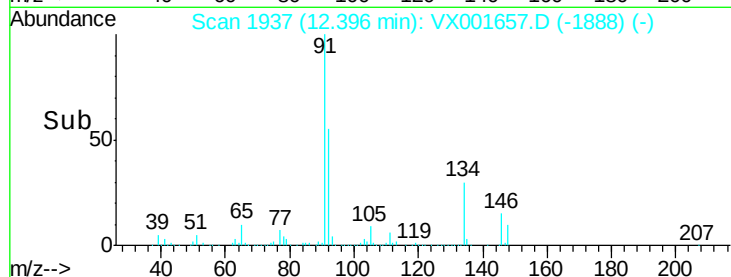
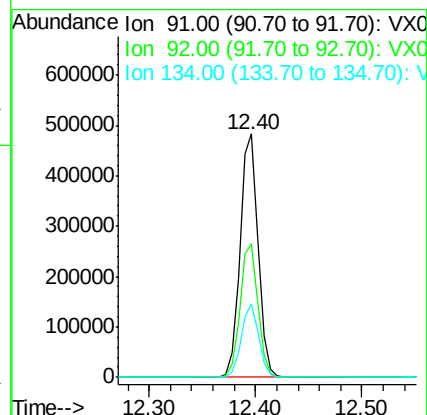
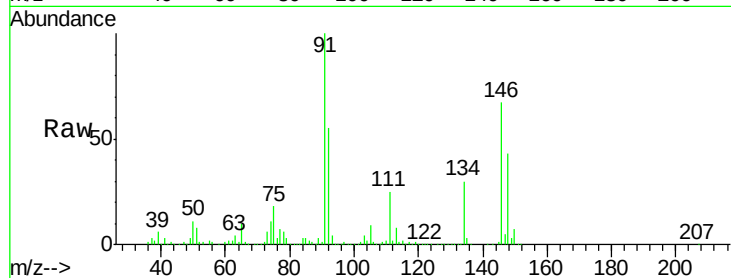
Tgt Ion: 91 Resp: 569276

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

134 29.3 14.6 44.0



#90

Hexachloroethane

Concen: 58.35 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001657.D

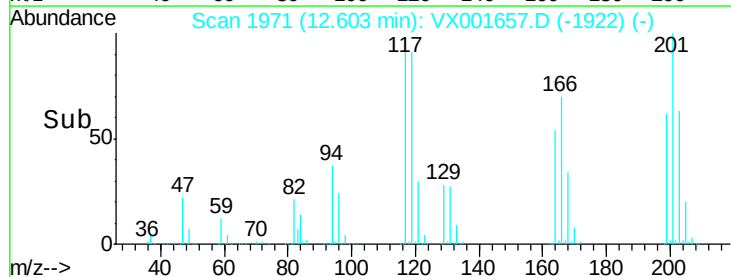
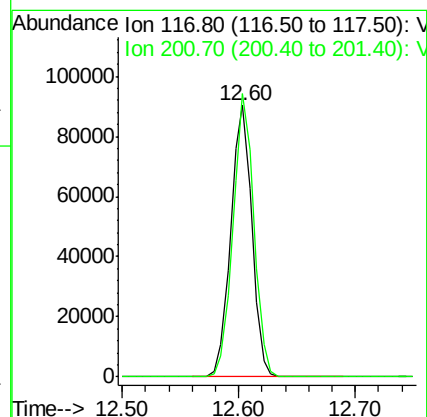
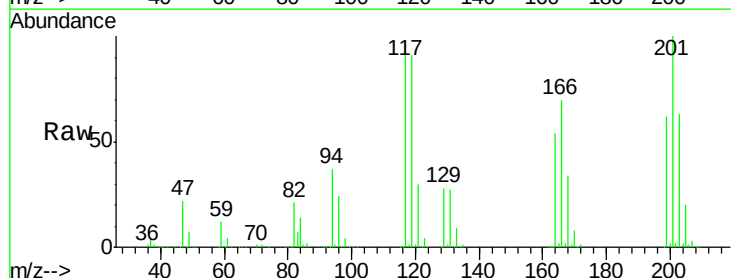
Acq: 11 May 2018 23:15

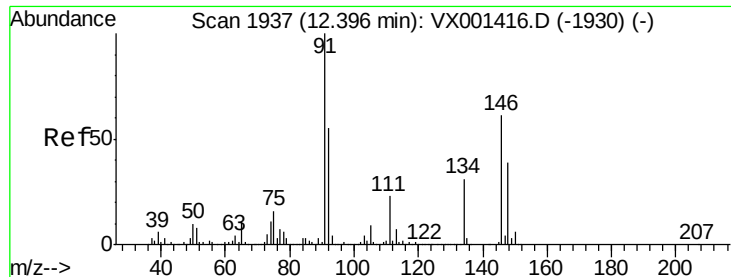
Tgt Ion: 117 Resp: 113254

Ion Ratio Lower Upper

117 100

201 103.0 51.5 154.5

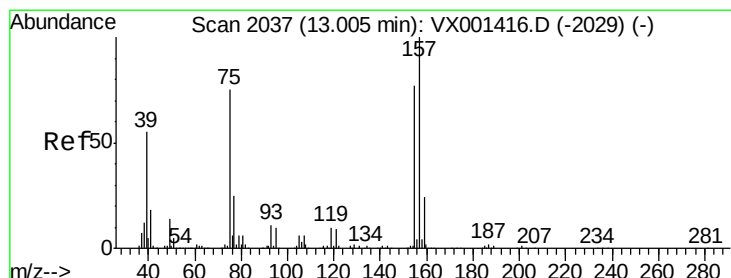
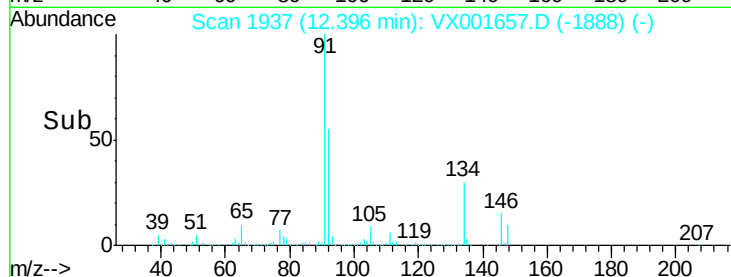
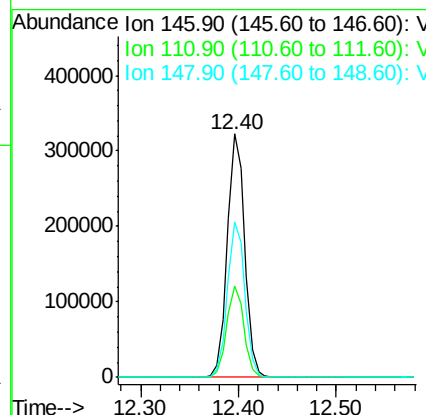
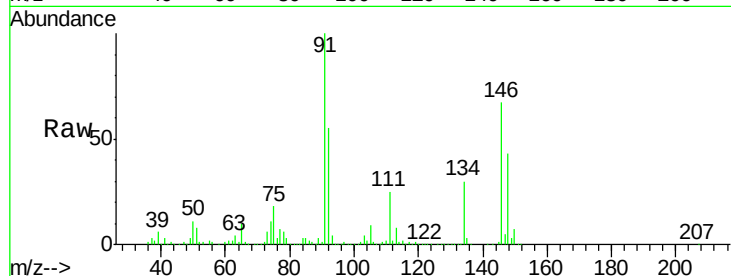




#91
 1,2-Dichlorobenzene
 Concen: 53.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

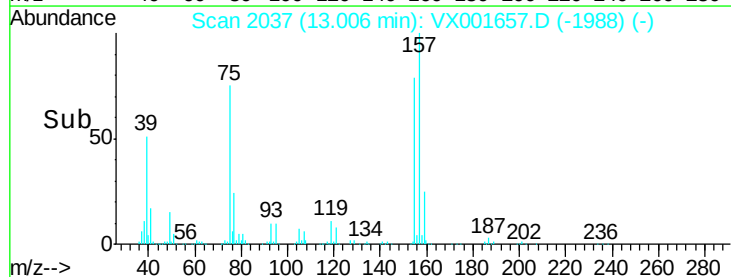
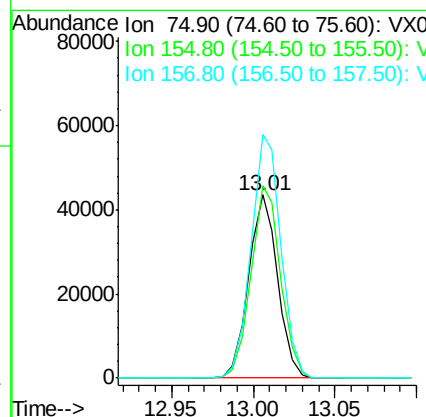
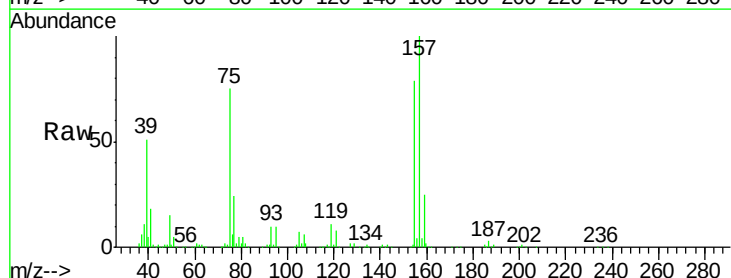
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

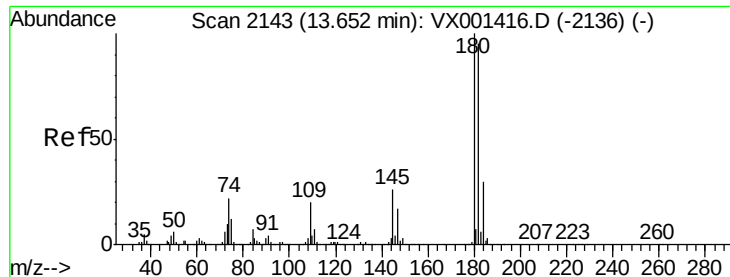
Tgt Ion: 146 Resp: 396633
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 75 Resp: 53950
 Ion Ratio Lower Upper
 75 100
 155 106.6 53.4 160.2
 157 137.1 68.3 204.8

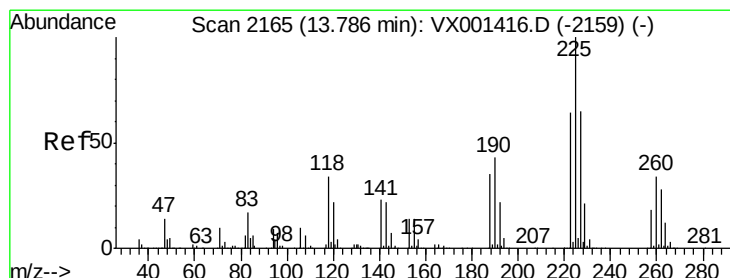
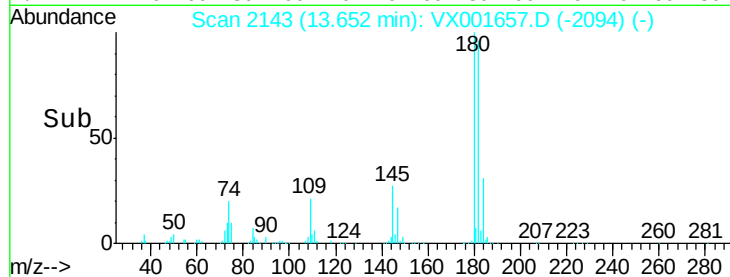
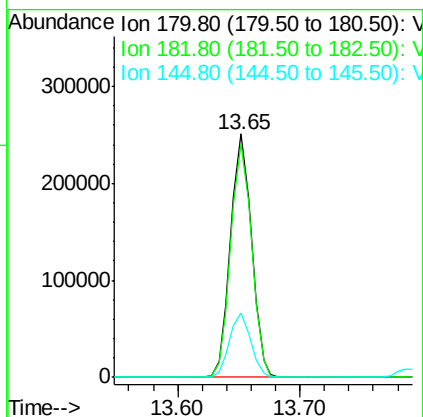
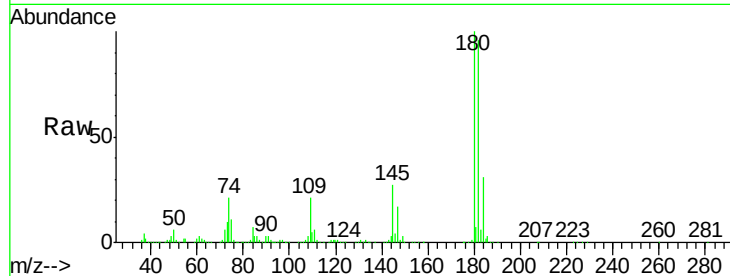




#93
 1,2,4-Trichlorobenzene
 Concen: 54.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

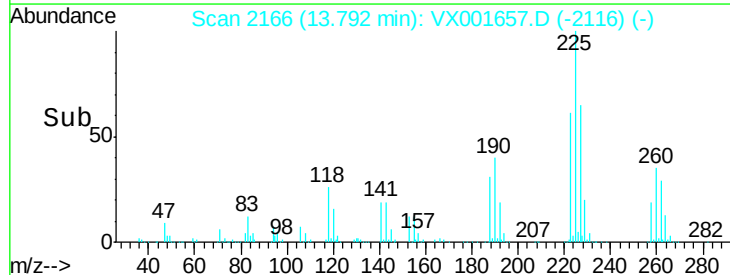
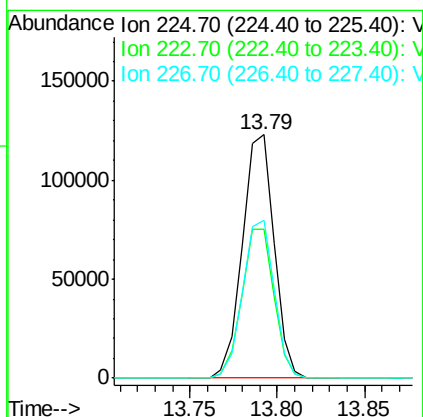
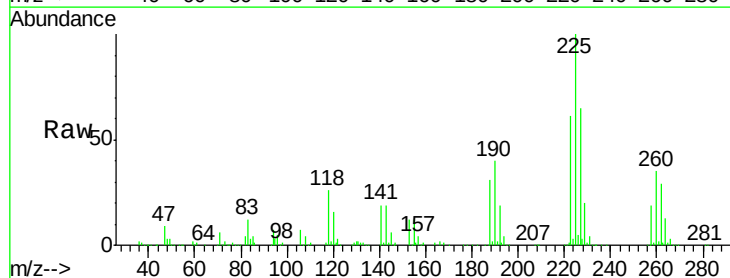
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

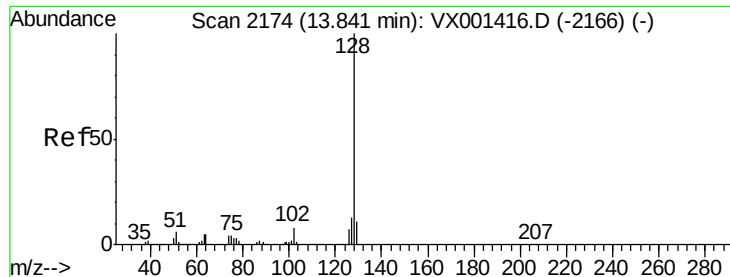
Tgt Ion:180 Resp: 297130
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.4
 145 26.7 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 51.99 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion:225 Resp: 155536
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.9
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 57.46 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

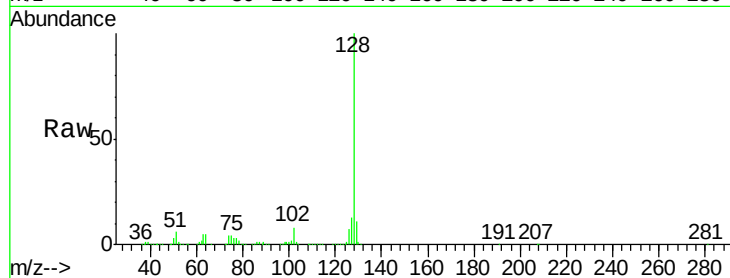
Tgt Ion:128 Resp: 868916

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

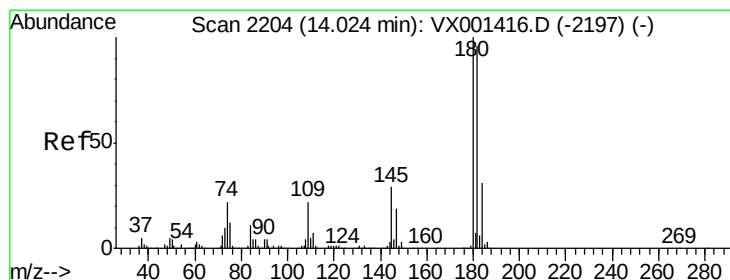
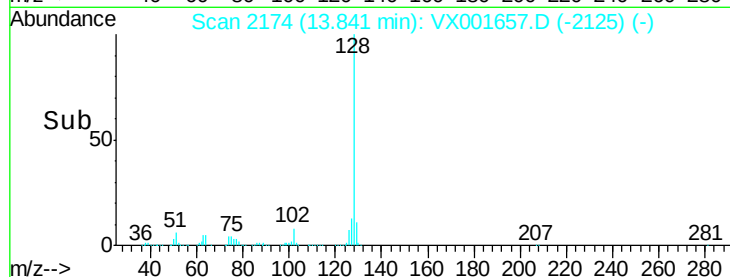
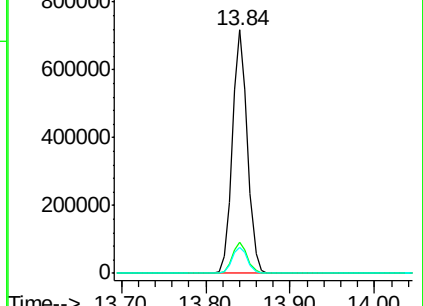
129 11.1 8.7 13.1



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: 55.30 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

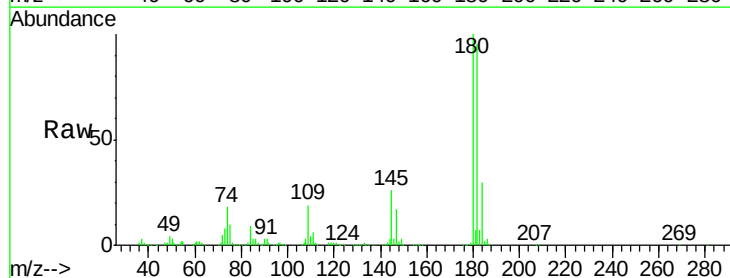
Tgt Ion:180 Resp: 310283

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 28.3 14.1 42.4



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

