

Data File : VX001597.D

Acq On : 10 May 2018 11:16

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 11 06:48:36 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	284871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184826	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
35) Dibromofluoromethane	5.51	113	151847	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.72	98	557324	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.14	95	215198	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	175995	45.89	ug/l	100
3) Chloromethane	1.32	50	159858	42.80	ug/l	100
4) Vinyl Chloride	1.40	62	168812	43.31	ug/l	98
5) Bromomethane	1.64	94	71951	39.62	ug/l	100
6) Chloroethane	1.72	64	111024	43.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	271423	46.27	ug/l	99
8) Diethyl Ether	2.19	74	101348	44.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162655	47.30	ug/l	99
10) Methyl Iodide	2.51	142	192375	38.77	ug/l	100
11) Tert butyl alcohol	3.07	59	178178	206.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138900	44.06	ug/l	96
13) Acrolein	2.29	56	25692	146.12	ug/l	97
14) Allyl chloride	2.73	41	262733	44.70	ug/l	98
15) Acrylonitrile	3.15	53	414233	212.34	ug/l	99
16) Acetone	2.45	43	408496	219.71	ug/l	100
17) Carbon Disulfide	2.57	76	333558	41.58	ug/l	99
18) Methyl Acetate	2.78	43	227608	46.60	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	493305	44.95	ug/l	98
20) Methylene Chloride	2.86	84	156351	42.47	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	148059	42.09	ug/l	95
22) Diisopropyl ether	3.87	45	515973	46.99	ug/l	99
23) Vinyl Acetate	3.82	43	2164755	236.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	279803	45.61	ug/l	100
25) 2-Butanone	4.71	43	598405	222.66	ug/l	96
26) 2,2-Dichloropropane	4.59	77	236202	49.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	169240	45.17	ug/l	98
28) Bromochloromethane	5.03	49	137079	51.54	ug/l	97
29) Tetrahydrofuran	5.17	42	372614	216.69	ug/l	100
30) Chloroform	5.21	83	298408	47.23	ug/l	99
31) Cyclohexane	5.57	56	247876	47.05	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	267249	48.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	218623	48.57	ug/l	99
37) Ethyl Acetate	4.87	43	225954	45.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	240654	50.13	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 11 06:48:36 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	271112	50.95	ug/l	99
40) Benzene	6.15	78	639370	48.63	ug/l	98
41) Methacrylonitrile	5.06	41	130912	46.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244775	48.44	ug/l	100
43) Isopropyl Acetate	6.47	43	364660	48.14	ug/l	100
44) Trichloroethene	7.21	130	197024	49.03	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161562	49.29	ug/l	100
46) Dibromomethane	7.67	93	111557	48.08	ug/l	99
47) Bromodichloromethane	7.90	83	218811	50.96	ug/l	100
48) Methyl methacrylate	7.78	41	196778	47.71	ug/l	100
49) 1,4-Dioxane	7.76	88	78069	876.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1224777	243.34	ug/l	100
52) Toluene	8.79	92	430398	50.07	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	256851	52.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	235754	47.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	166429	48.06	ug/l	99
56) Ethyl methacrylate	9.18	69	249124	49.90	ug/l	99
57) 1,3-Dichloropropane	9.38	76	276470	48.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	606738	247.79	ug/l	100
59) 2-Hexanone	9.50	43	928914	241.02	ug/l	100
60) Dibromochloromethane	9.59	129	182506	51.46	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176931	48.66	ug/l	99
64) Tetrachloroethene	9.34	164	236439	50.08	ug/l	99
65) Chlorobenzene	10.14	112	484719	48.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	179247	50.44	ug/l	99
67) Ethyl Benzene	10.26	91	814714	50.03	ug/l	99
68) m/p-Xylenes	10.37	106	654502	101.73	ug/l	100
69) o-Xylene	10.70	106	317783	50.82	ug/l	100
70) Styrene	10.72	104	523304	51.52	ug/l	99
71) Bromoform	10.87	173	147515	43.65	ug/l #	100
73) Isopropylbenzene	11.02	105	863256	49.65	ug/l	100
74) N-amyl acetate	6.47	43	364660	46.18	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	240039	46.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	289110	56.76	ug/l	87
77) Bromobenzene	11.26	156	239466	47.38	ug/l	99
78) n-propylbenzene	11.37	91	979350	51.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	571664	49.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	726340	50.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68649	43.58	ug/l	98
82) 4-Chlorotoluene	11.52	91	672804	50.06	ug/l	100
83) tert-Butylbenzene	11.77	119	712685	49.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	755734	50.80	ug/l	99
85) sec-Butylbenzene	11.95	105	897658	51.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	828694	52.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	442404	48.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	449835	48.81	ug/l	100
89) n-Butylbenzene	12.40	91	696767	53.03	ug/l	100
90) Hexachloroethane	12.60	117	124951	52.33	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	442965	48.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54956	48.71	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\
Quantitation Report (Not Reviewed)

Data File : VX001597.D
Acq On : 10 May 2018 11:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

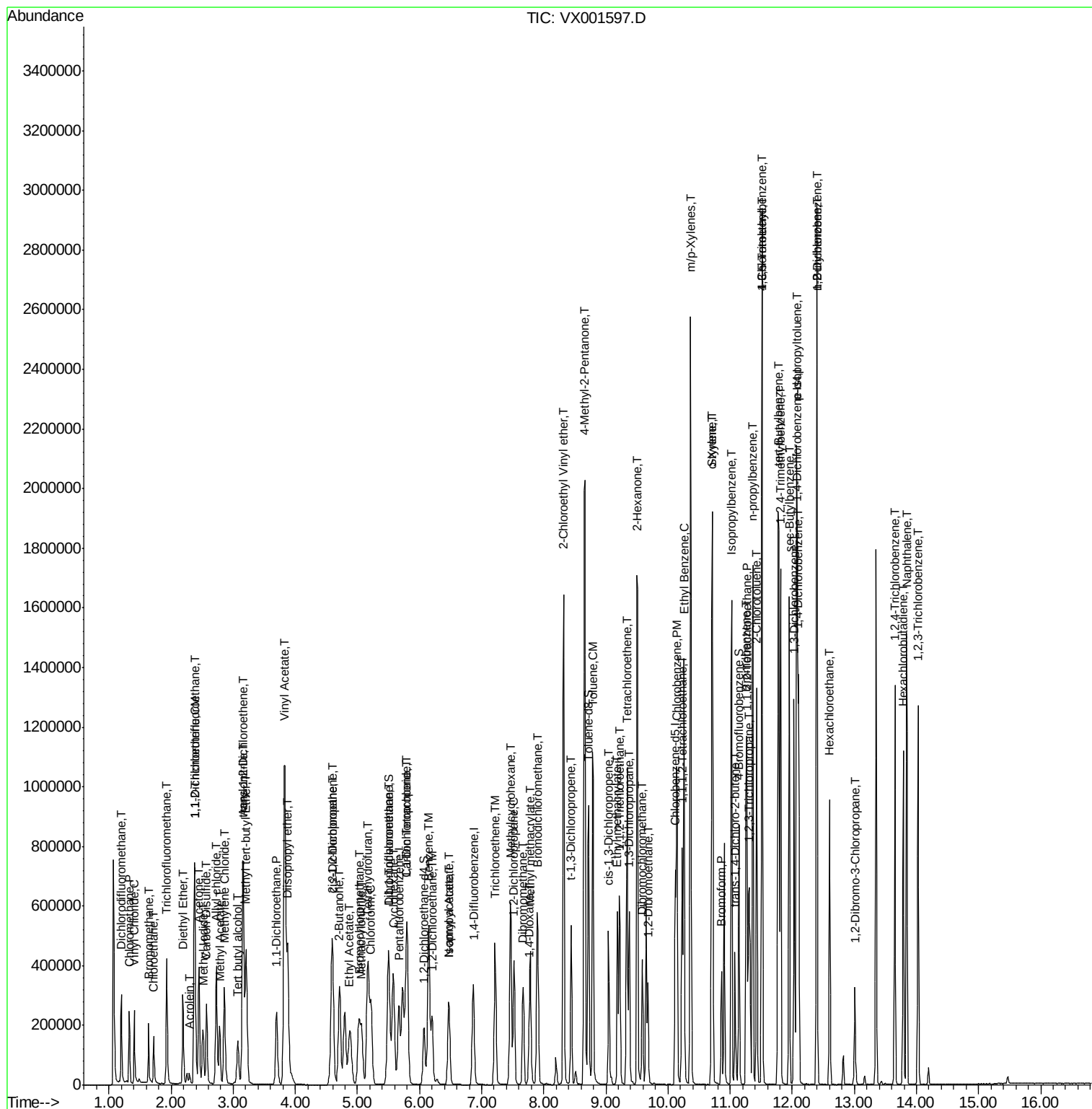
Quant Time: May 11 06:48:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

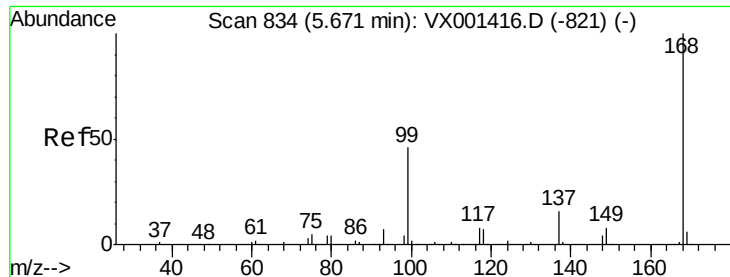
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	344497	51.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	192290	52.24	ug/l	99
95) Naphthalene	13.84	128	937451	50.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	349377	50.62	ug/l	100

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

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ALS Vial      : 2      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

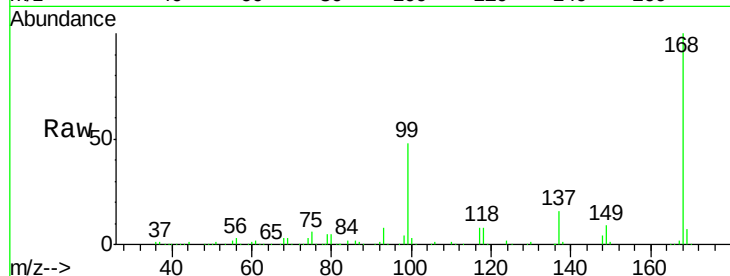
VSTDCCC050

Tgt Ion:168 Resp: 284871

Ion Ratio Lower Upper

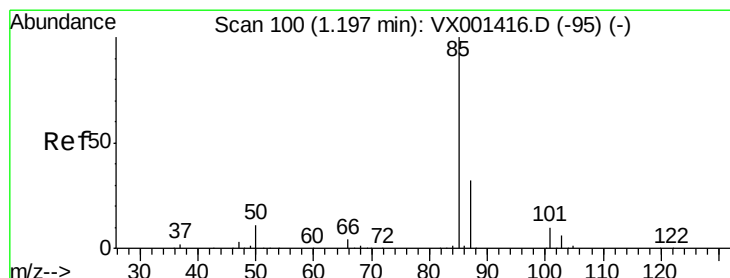
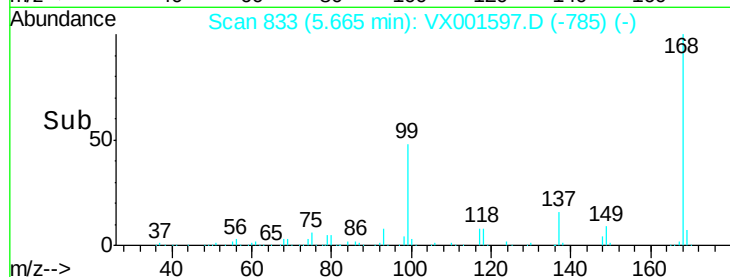
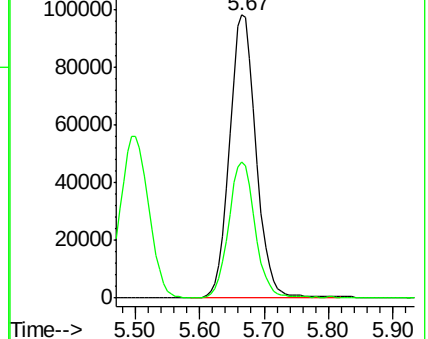
168 100

99 47.9 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: 45.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001597.D

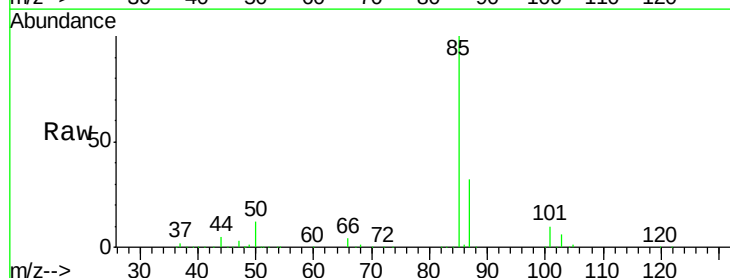
Acq: 10 May 2018 11:16

Tgt Ion: 85 Resp: 175995

Ion Ratio Lower Upper

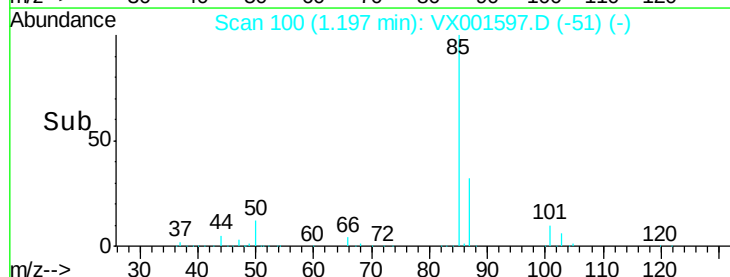
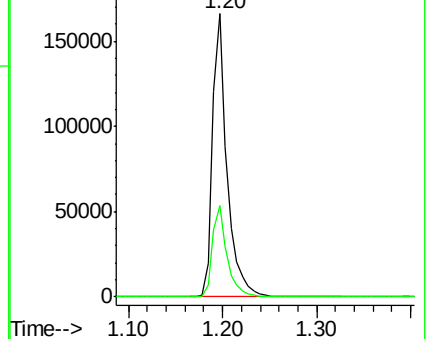
85 100

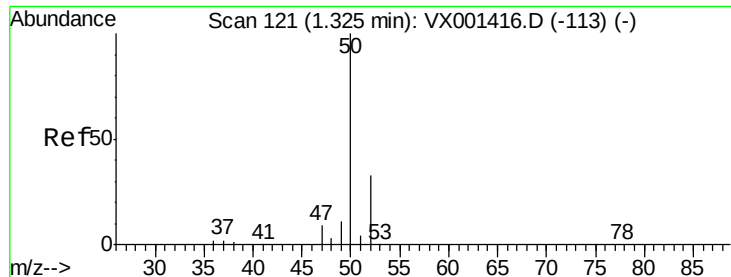
87 32.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

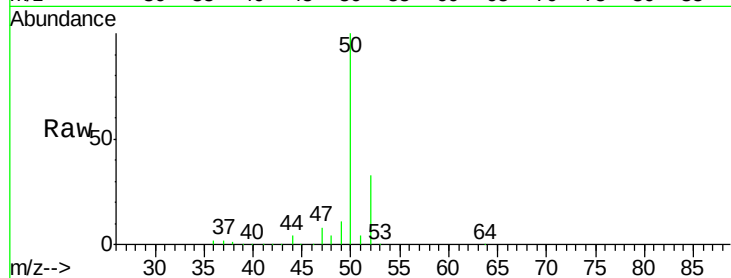
VSTDCCC050

Tgt Ion: 50 Resp: 159858

Ion Ratio Lower Upper

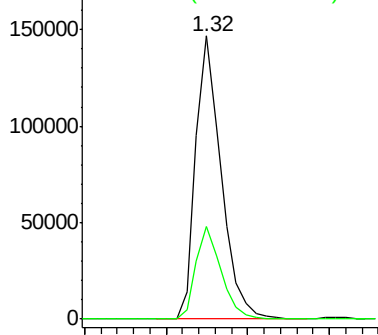
50 100

52 32.6 26.2 39.4

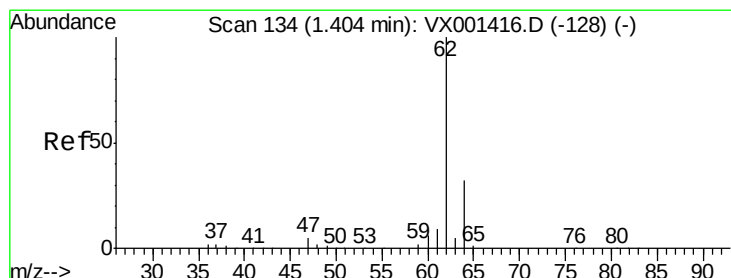
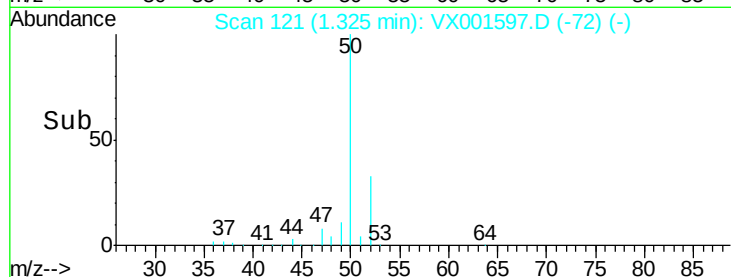


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 43.31 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001597.D

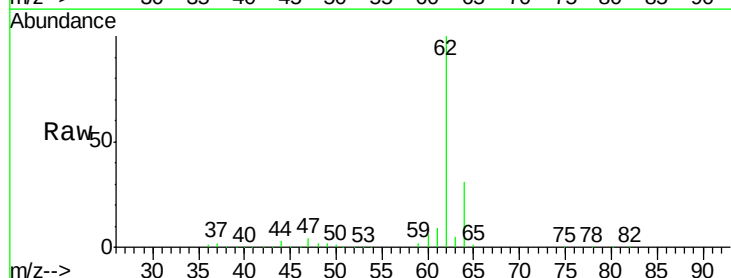
Acq: 10 May 2018 11:16

Tgt Ion: 62 Resp: 168812

Ion Ratio Lower Upper

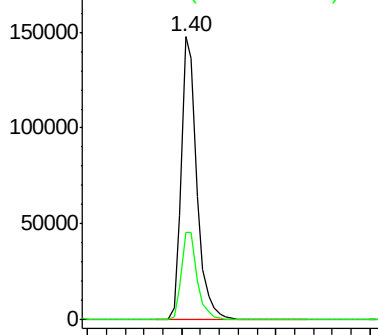
62 100

64 31.0 25.8 38.6

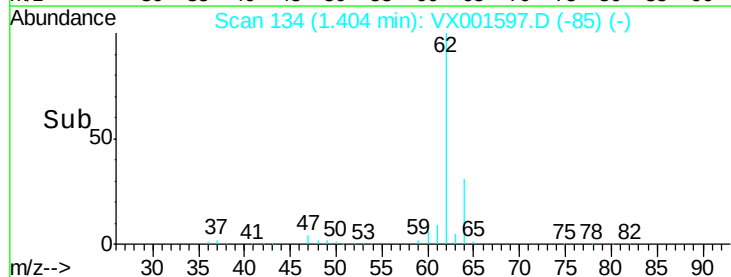


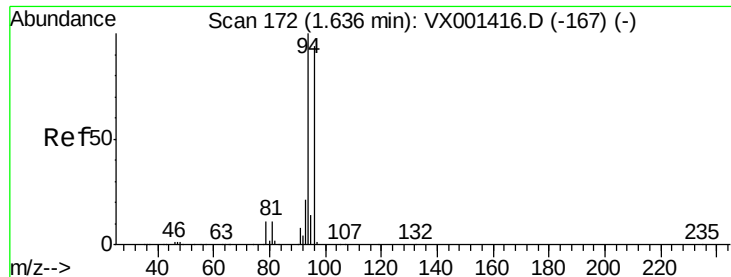
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 39.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

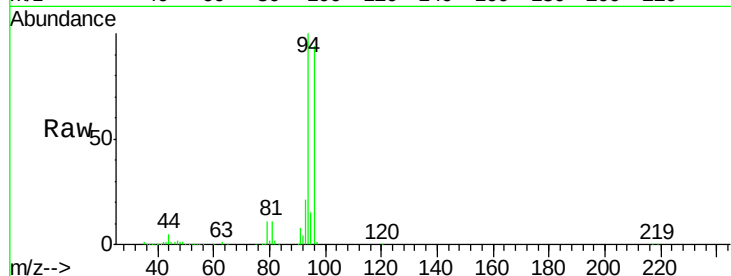
VSTDCCC050

Tgt Ion: 94 Resp: 71951

Ion Ratio Lower Upper

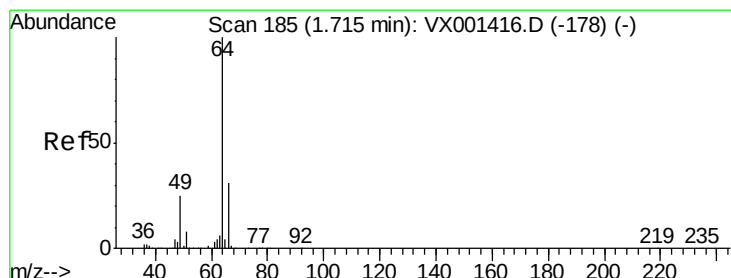
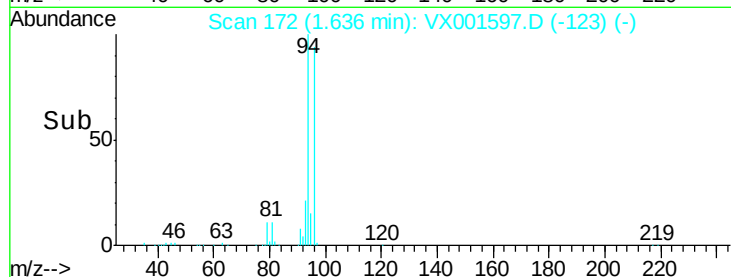
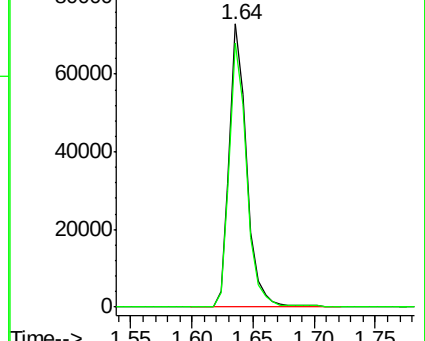
94 100

96 93.6 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.09 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001597.D

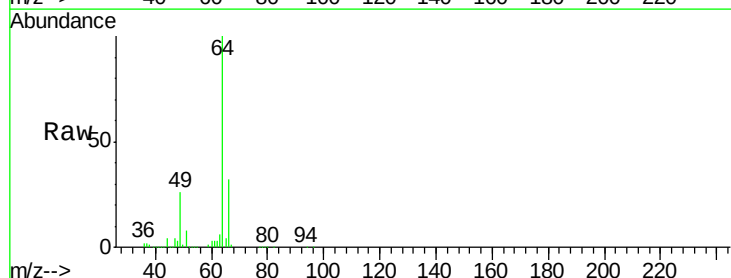
Acq: 10 May 2018 11:16

Tgt Ion: 64 Resp: 111024

Ion Ratio Lower Upper

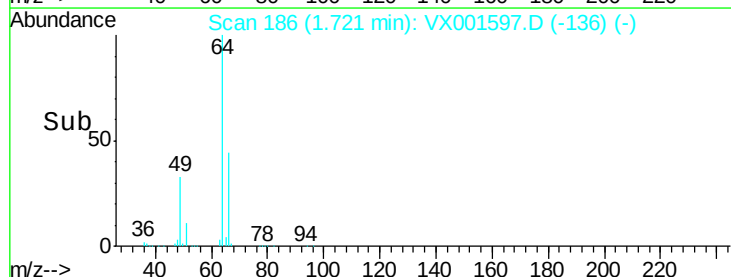
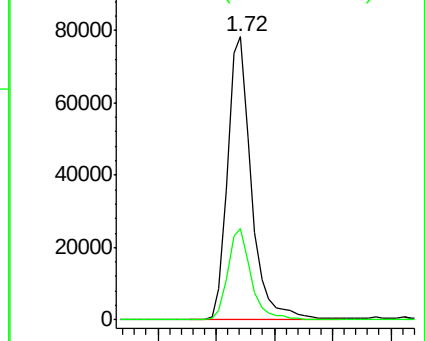
64 100

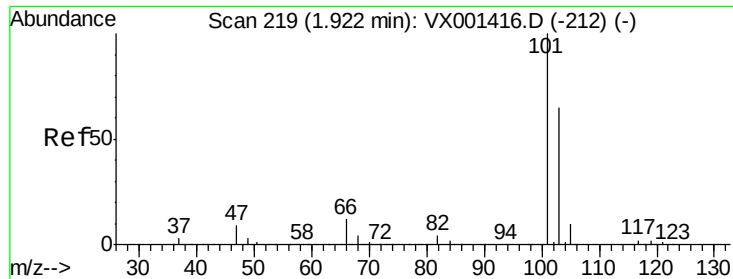
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 46.27 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

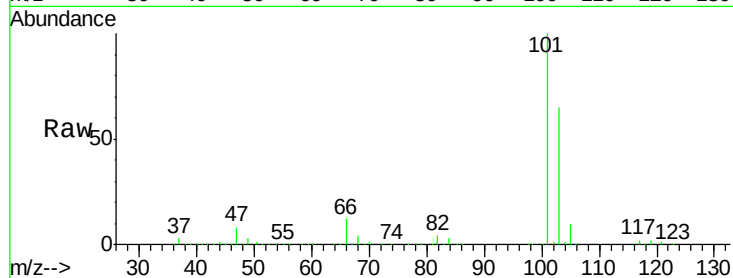
VSTDCCC050

Tgt Ion: 101 Resp: 271423

Ion Ratio Lower Upper

101 100

103 64.5 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

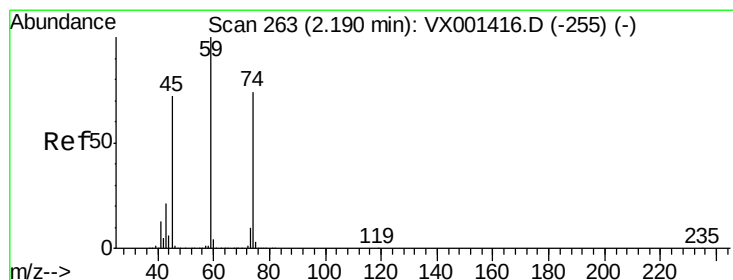
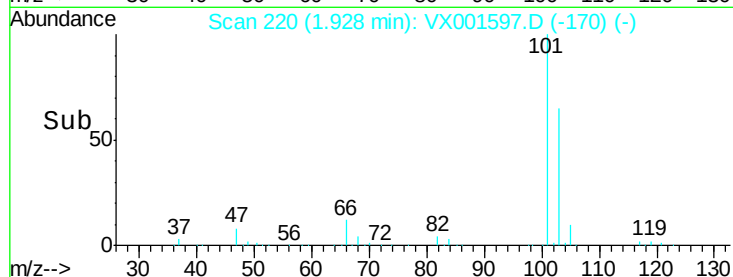
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 44.08 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001597.D

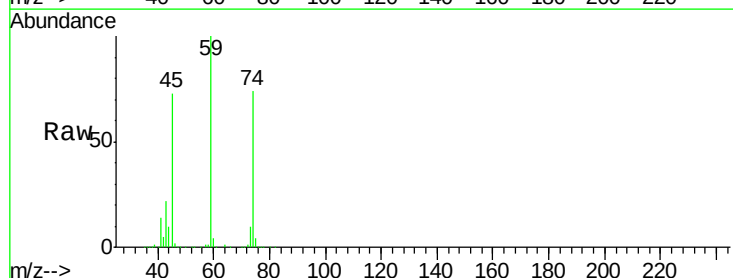
Acq: 10 May 2018 11:16

Tgt Ion: 74 Resp: 101348

Ion Ratio Lower Upper

74 100

45 96.1 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

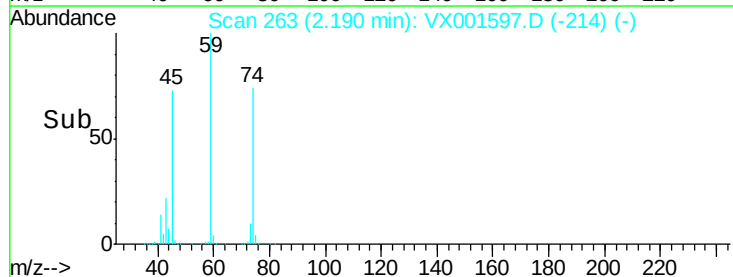
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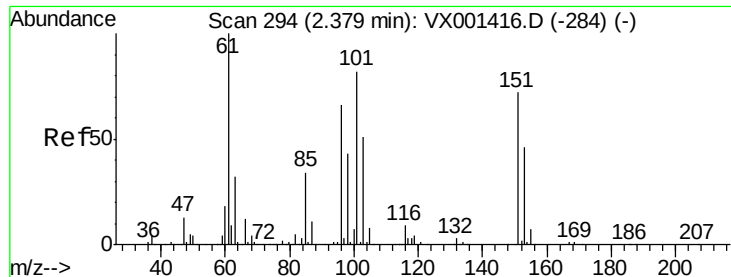
40000

20000

0

Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

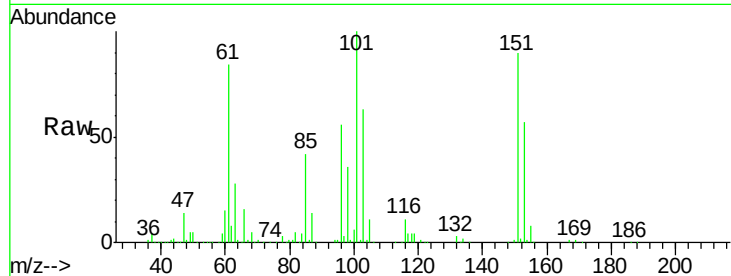
Tgt Ion:101 Resp: 162655

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

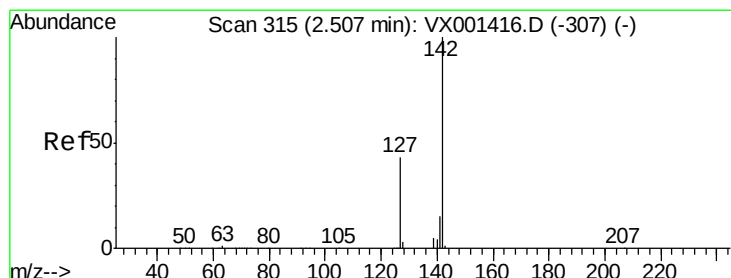
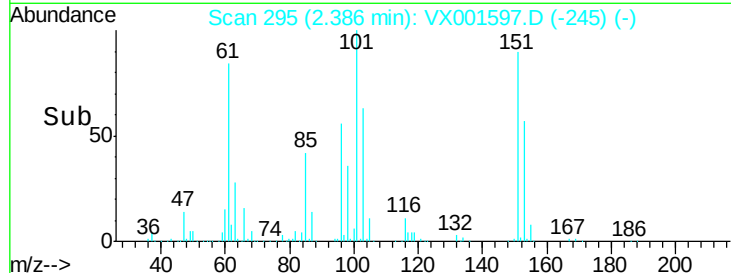
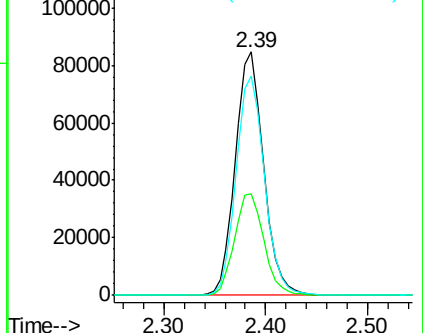
151 90.5 72.3 108.5



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: 38.77 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

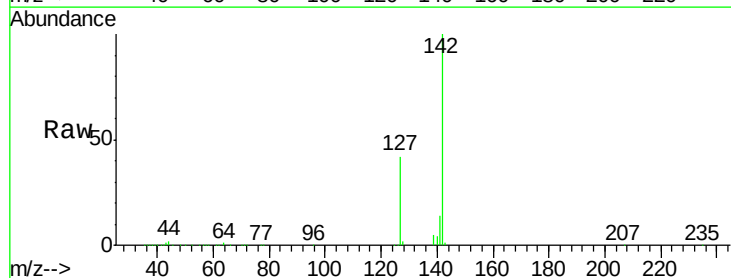
Tgt Ion:142 Resp: 192375

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

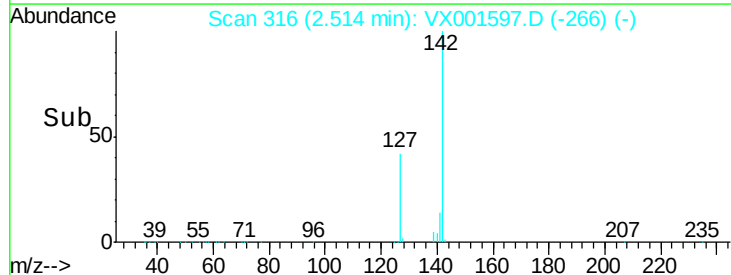
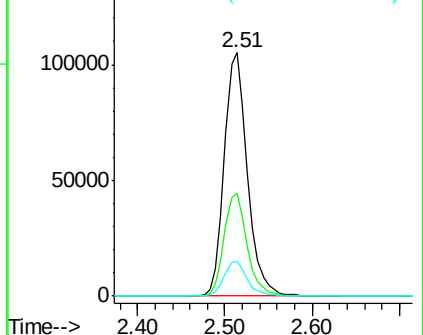
141 14.3 11.4 17.2

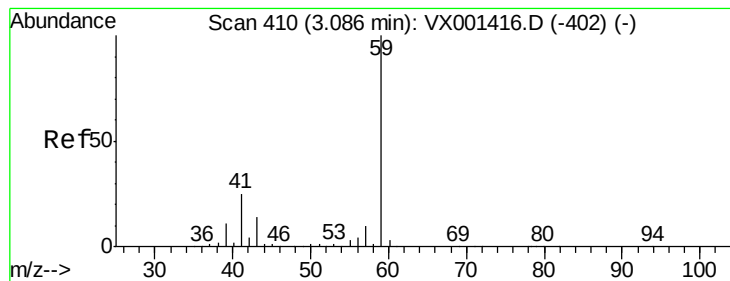


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



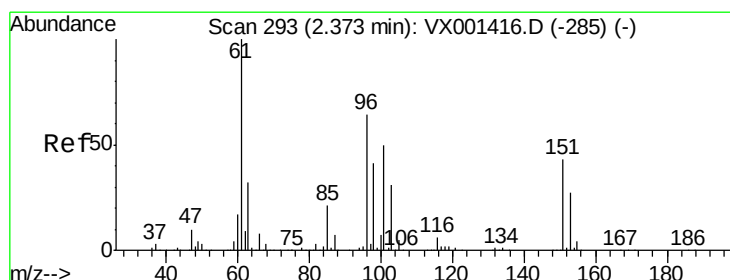
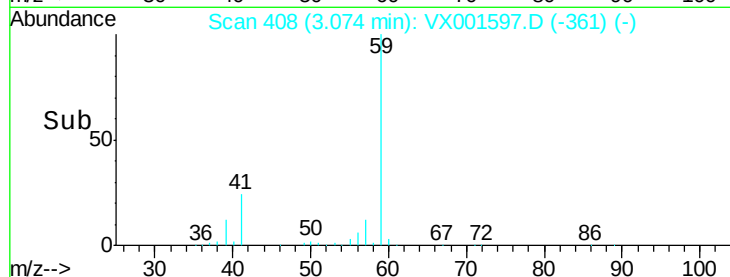
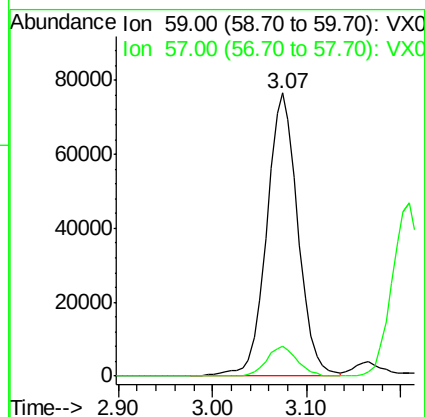
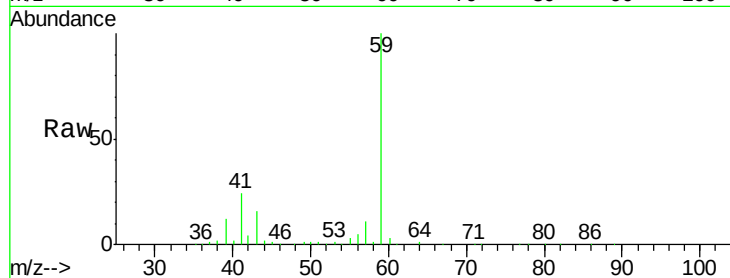


#11

Tert butyl alcohol
 Concen: 206.40 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

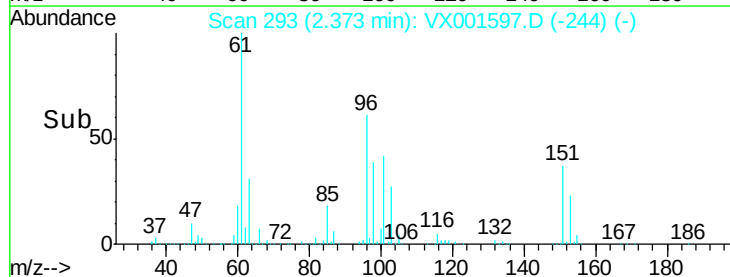
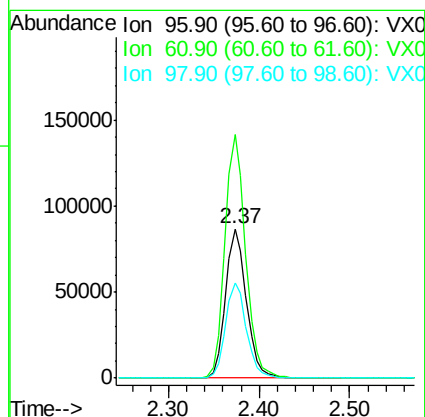
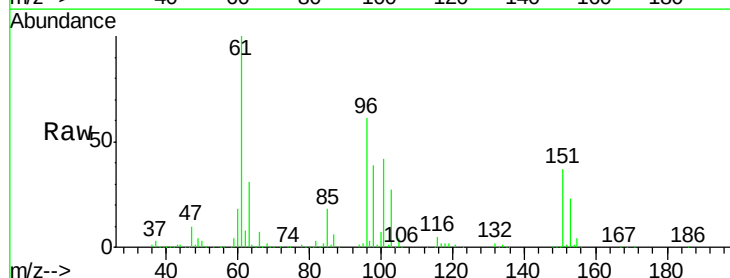
Tgt Ion: 59 Resp: 178178
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

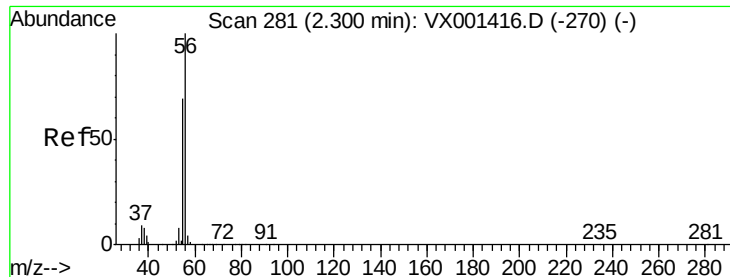


#12

1,1-Dichloroethene
 Concen: 44.06 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 96 Resp: 138900
 Ion Ratio Lower Upper
 96 100
 61 163.6 125.7 188.5
 98 64.1 52.0 78.0





#13

Acrolein

Concen: 146.12 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

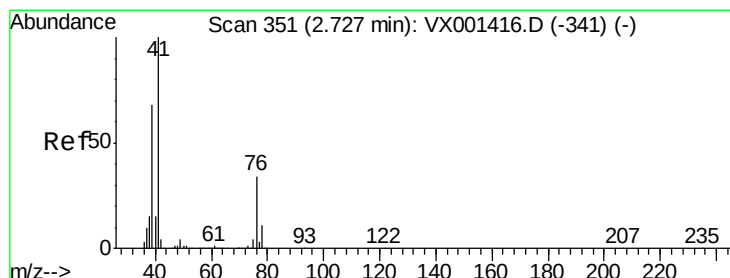
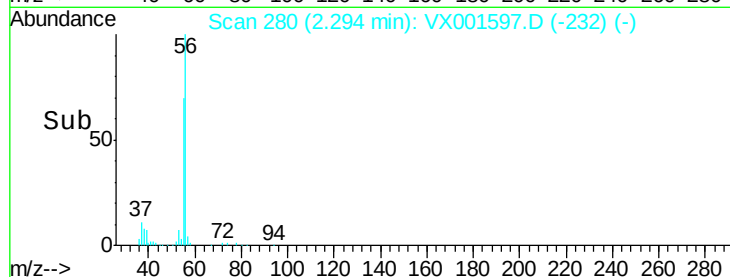
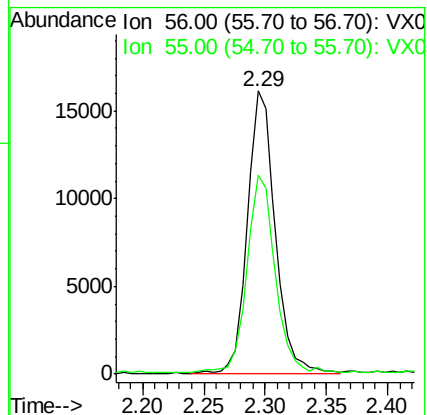
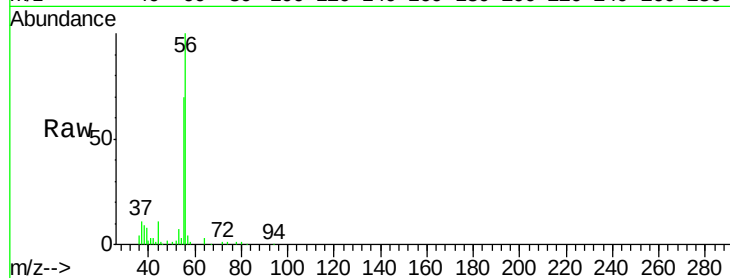
VSTDCCC050

Tgt Ion: 56 Resp: 25692

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 44.70 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

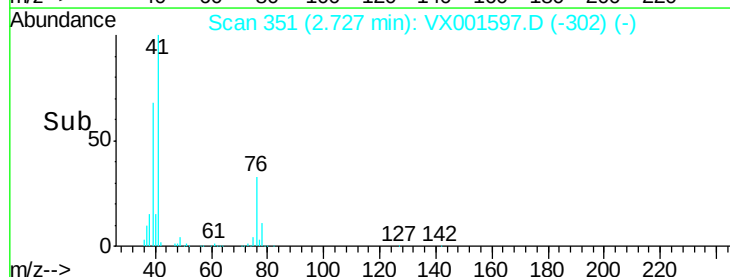
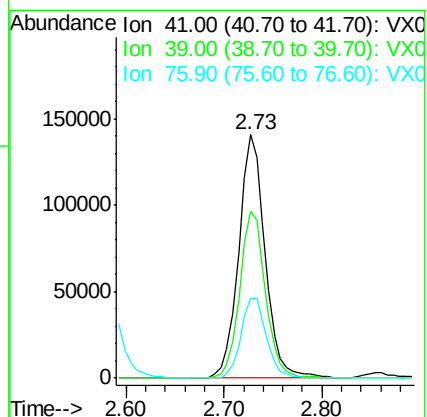
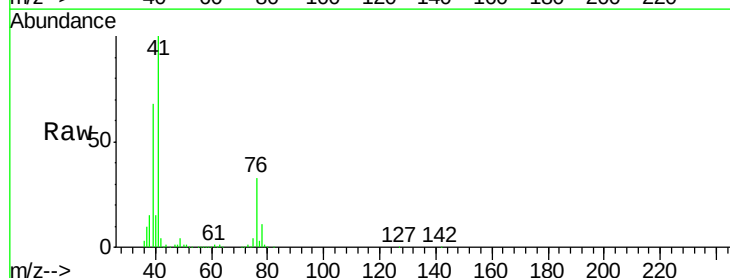
Tgt Ion: 41 Resp: 262733

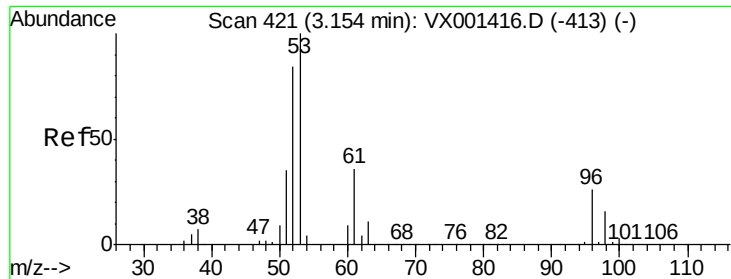
Ion Ratio Lower Upper

41 100

39 66.9 52.4 78.6

76 31.6 25.8 38.6





#15

Acrylonitrile

Concen: 212.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

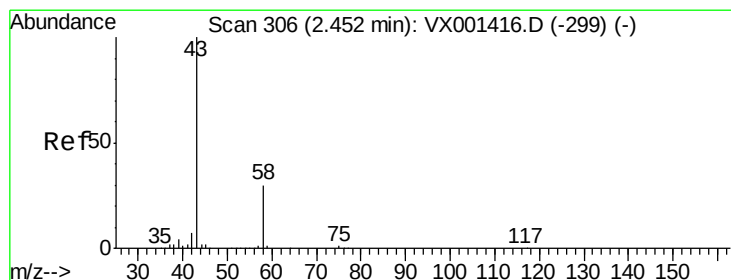
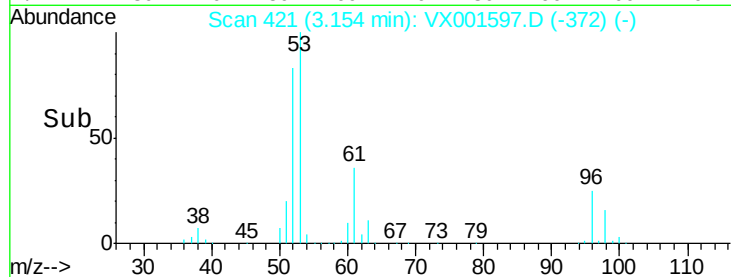
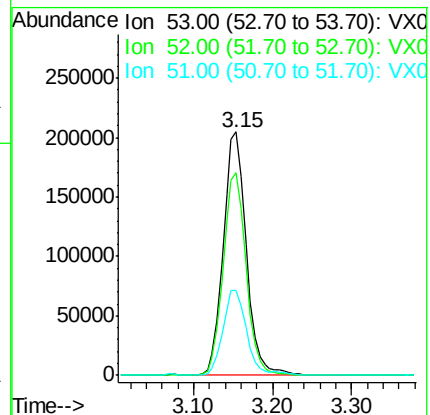
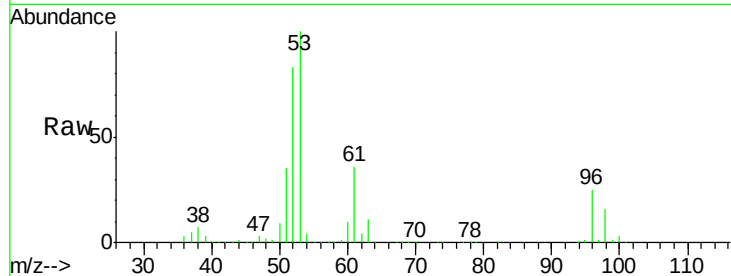
Tgt Ion: 53 Resp: 414233

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

51 36.3 28.6 43.0



#16

Acetone

Concen: 219.71 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001597.D

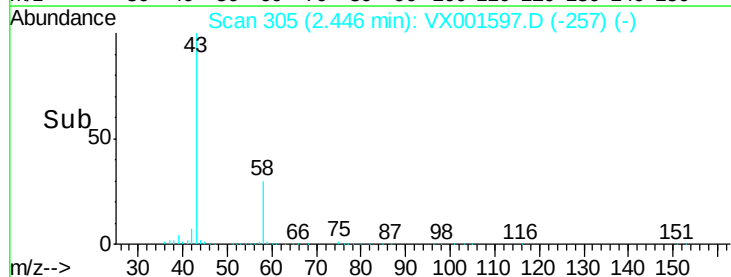
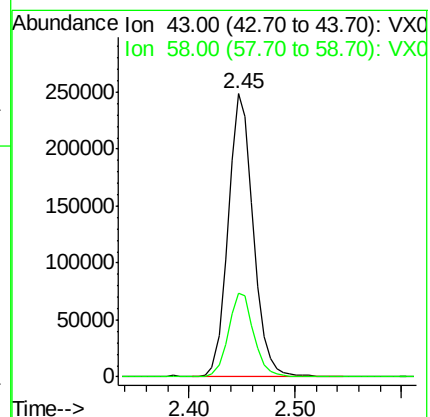
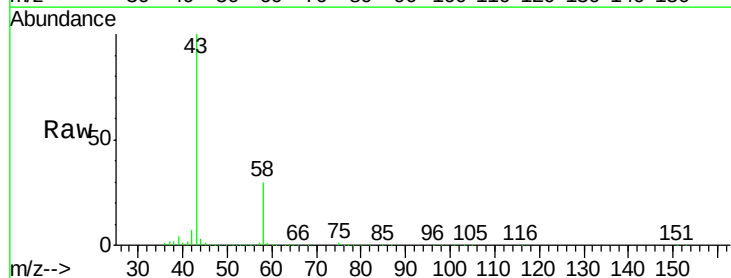
Acq: 10 May 2018 11:16

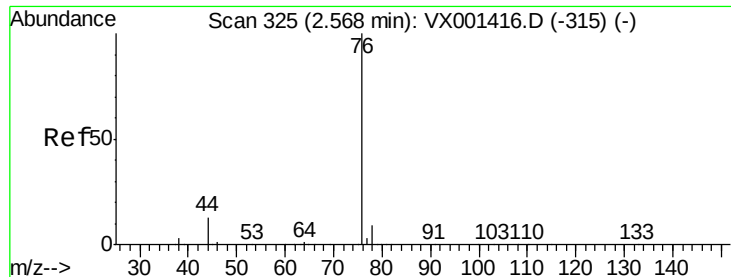
Tgt Ion: 43 Resp: 408496

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.8

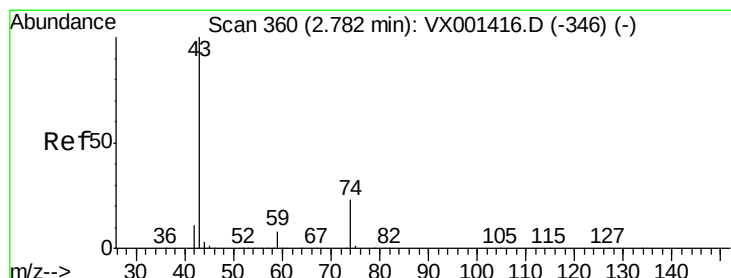
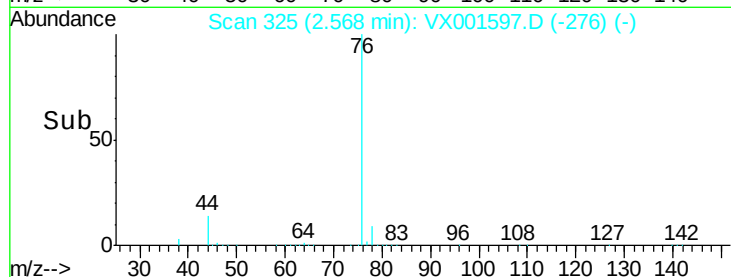
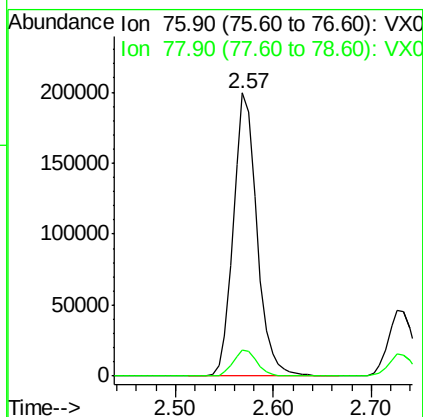
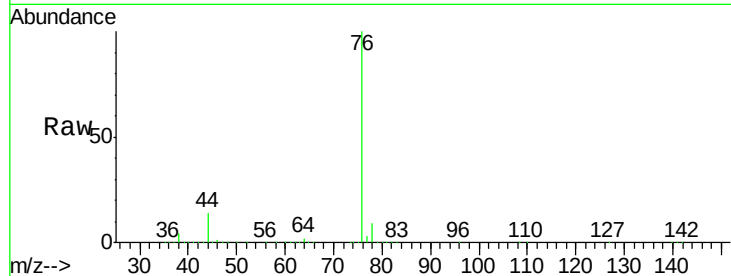




#17
Carbon Disulfide
Concen: 41.58 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

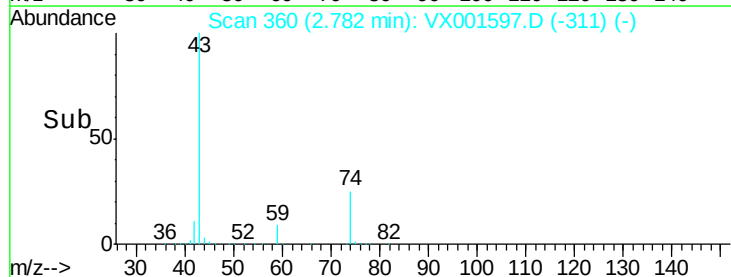
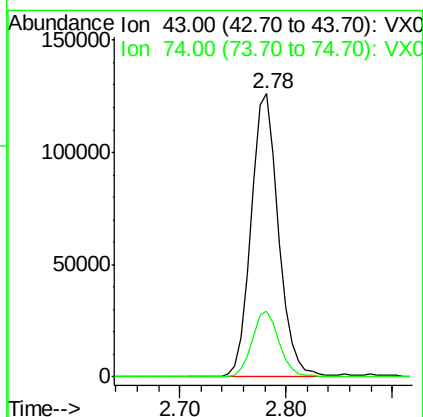
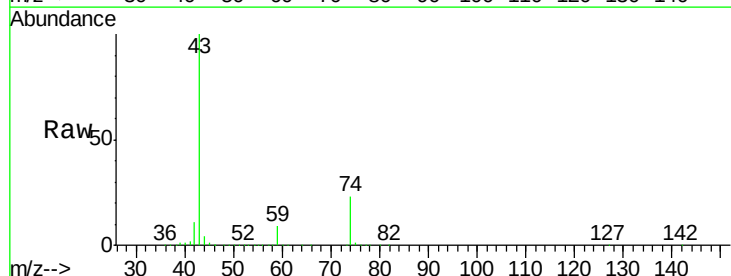
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

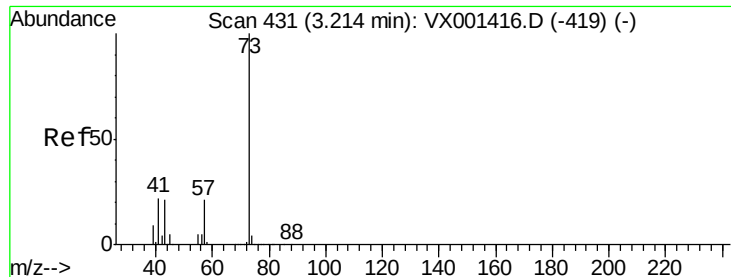
Tgt Ion: 76 Resp: 333558
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 46.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 43 Resp: 227608
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8

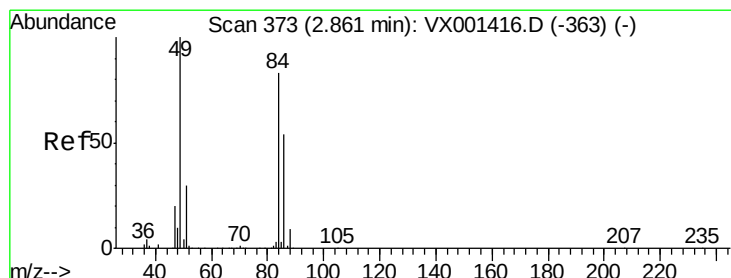
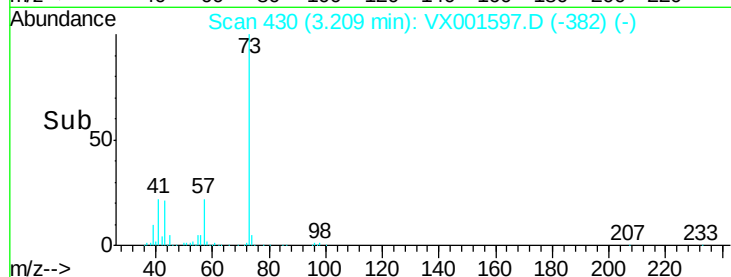
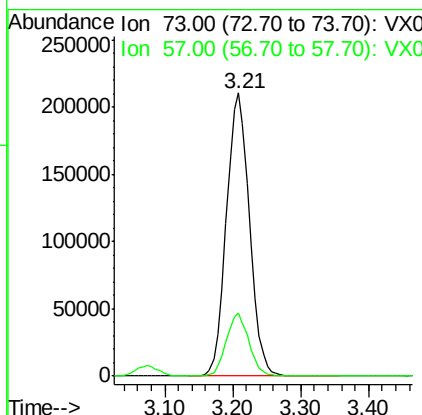
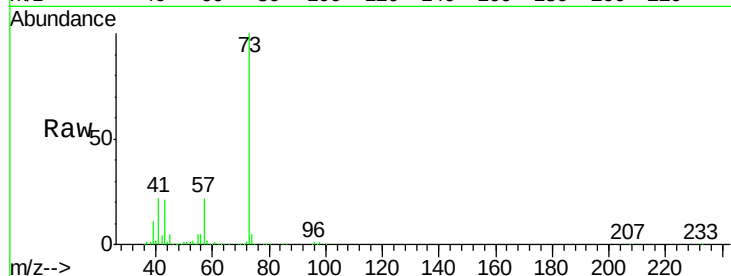




#19
Methyl tert-butyl Ether
Concen: 44.95 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

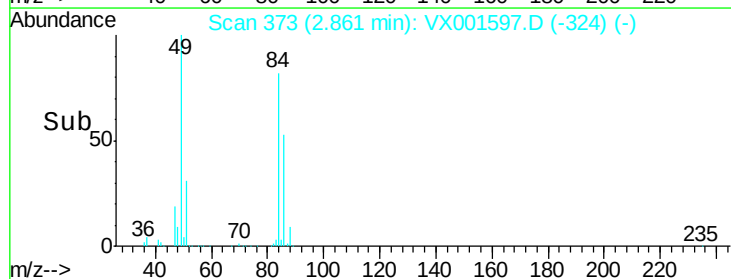
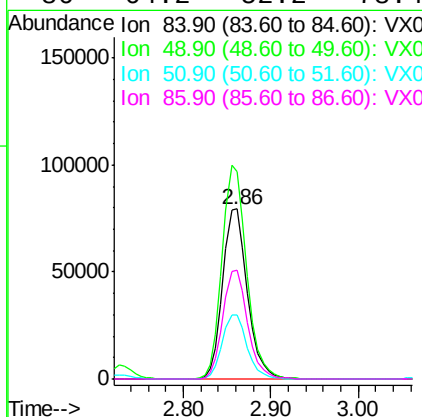
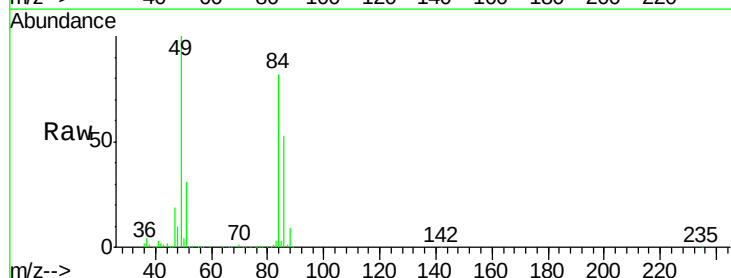
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

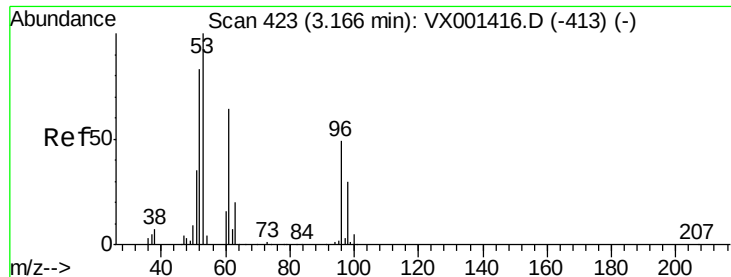
Tgt Ion: 73 Resp: 493305
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 42.47 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 84 Resp: 156351
Ion Ratio Lower Upper
84 100
49 122.0 96.6 144.8
51 37.8 29.0 43.4
86 64.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 42.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

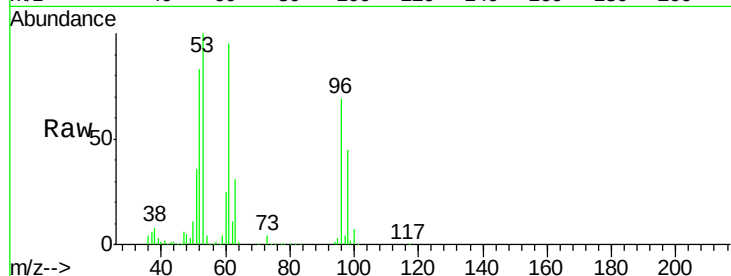
Tgt Ion: 96 Resp: 148059

Ion Ratio Lower Upper

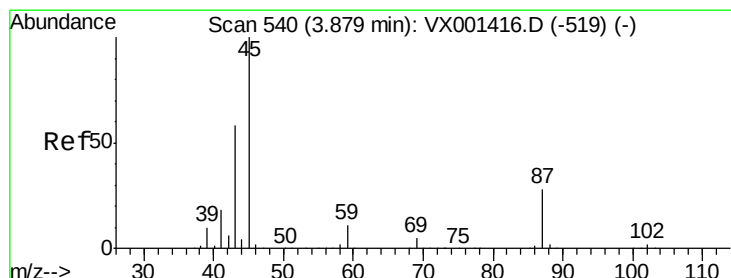
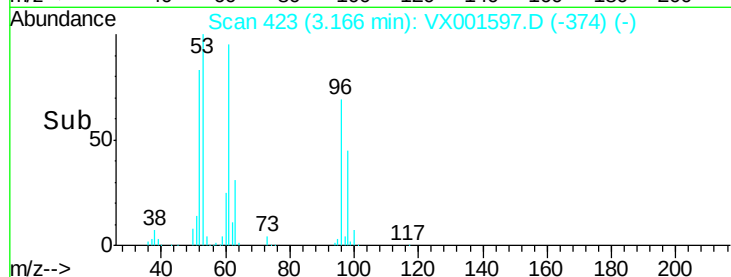
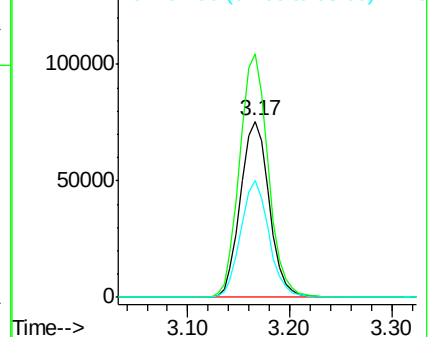
96 100

61 138.0 105.0 157.4

98 66.0 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: 46.99 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Tgt Ion: 45 Resp: 515973

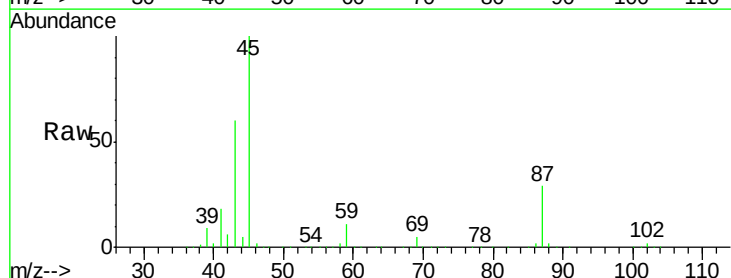
Ion Ratio Lower Upper

45 100

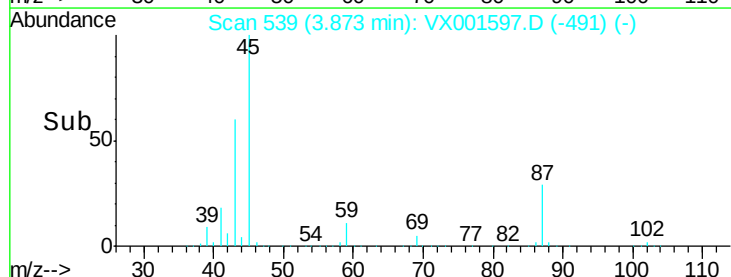
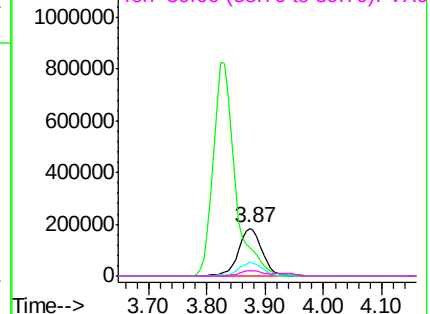
43 59.4 46.5 69.7

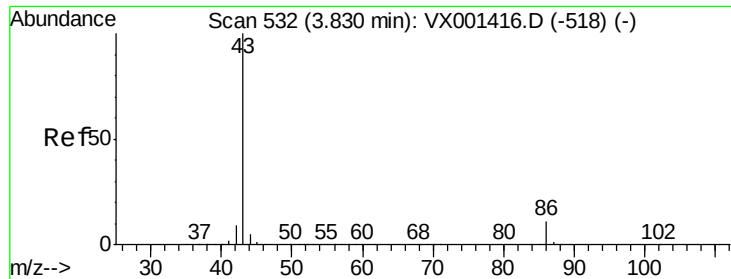
87 28.9 22.6 34.0

59 11.2 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

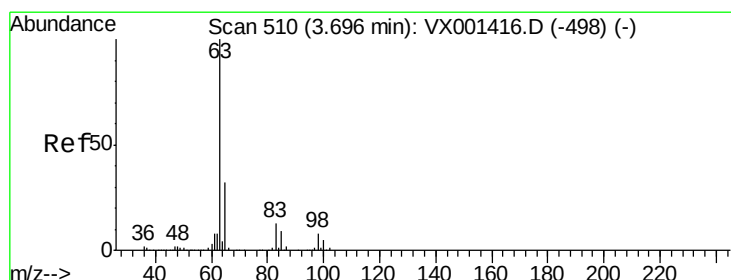
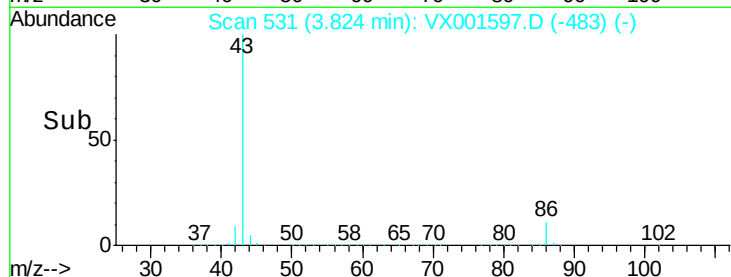
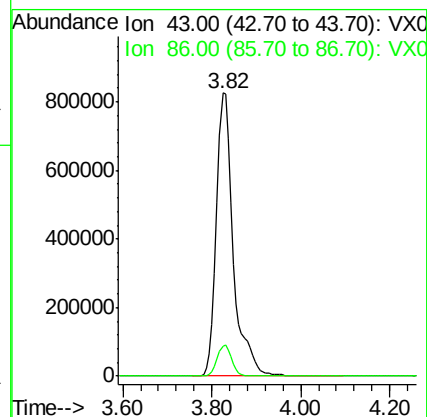
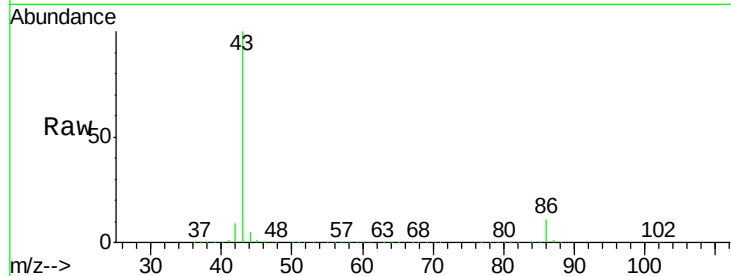




#23
 Vinyl Acetate
 Concen: 236.54 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

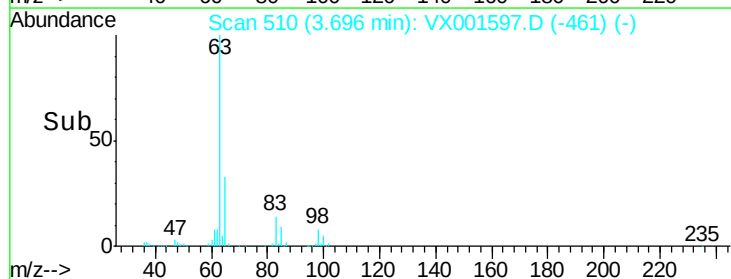
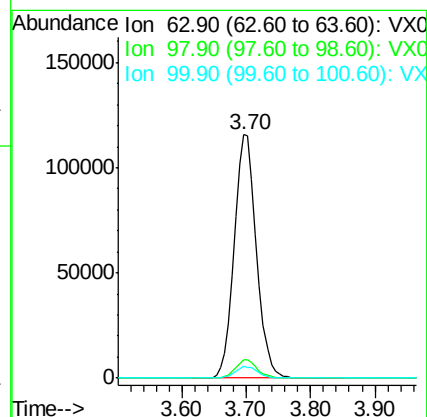
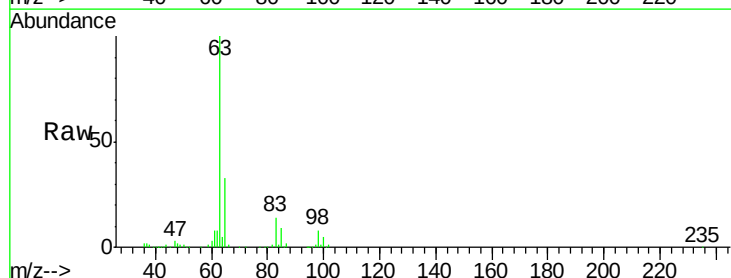
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

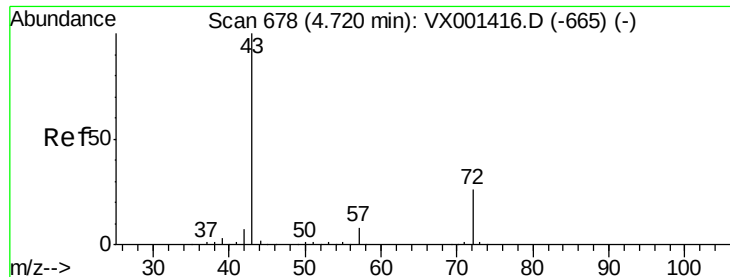
Tgt Ion: 43 Resp: 2164755
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 45.61 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 63 Resp: 279803
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 222.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

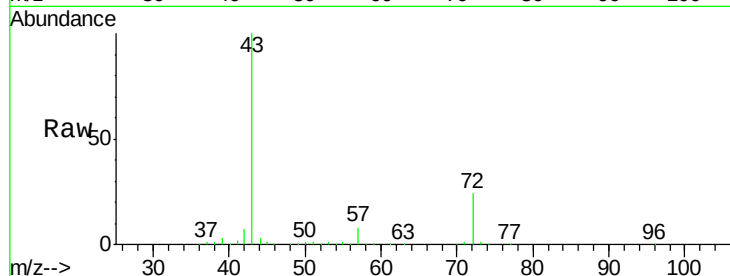
VSTDCCC050

Tgt Ion: 43 Resp: 598405

Ion Ratio Lower Upper

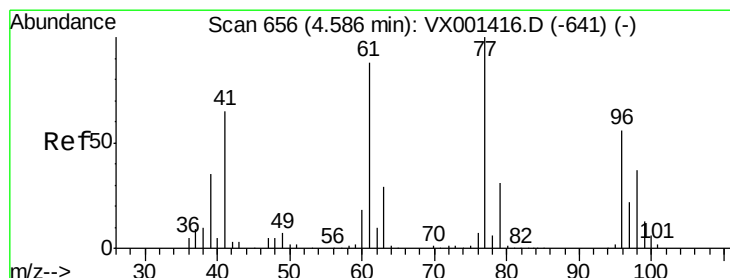
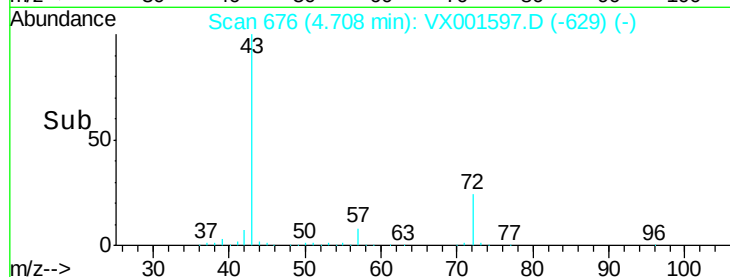
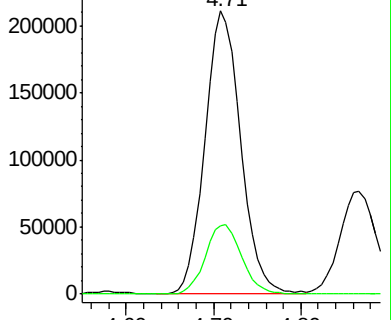
43 100

72 24.0 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-665) (-)

Ion 72.00 (71.70 to 72.70): VX001416.D (-665) (-)



#26

2,2-Dichloropropane

Concen: 49.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001597.D

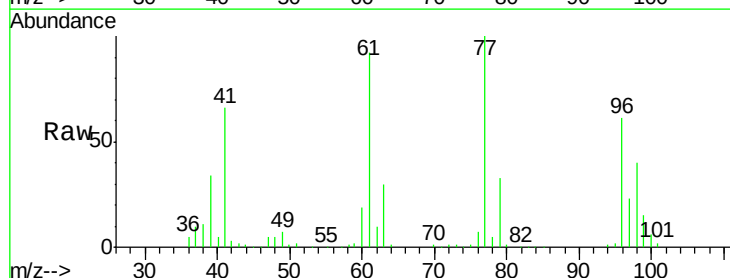
Acq: 10 May 2018 11:16

Tgt Ion: 77 Resp: 236202

Ion Ratio Lower Upper

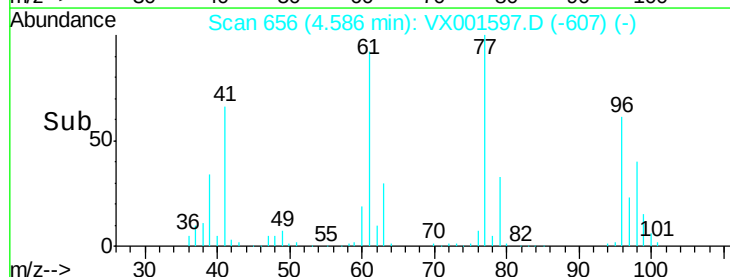
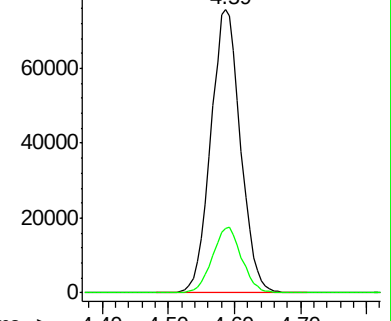
77 100

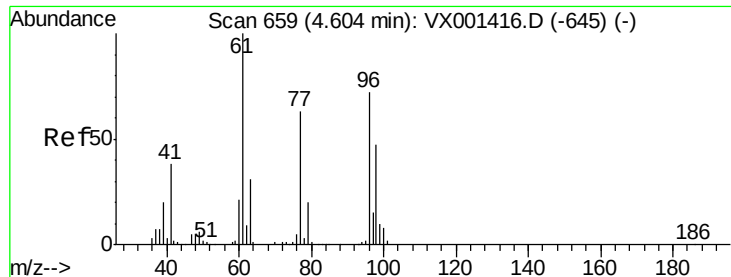
97 22.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX001416.D (-641) (-)

Ion 96.90 (96.60 to 97.60): VX001416.D (-641) (-)





#27

cis-1,2-Dichloroethene

Concen: 45.17 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

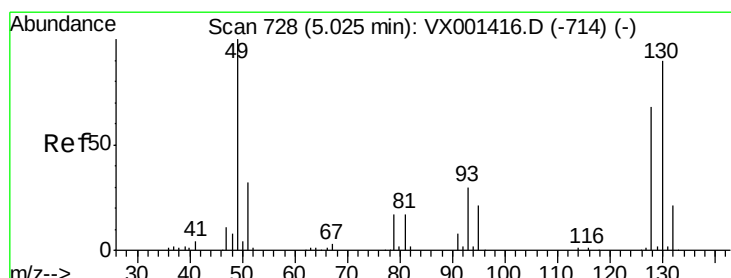
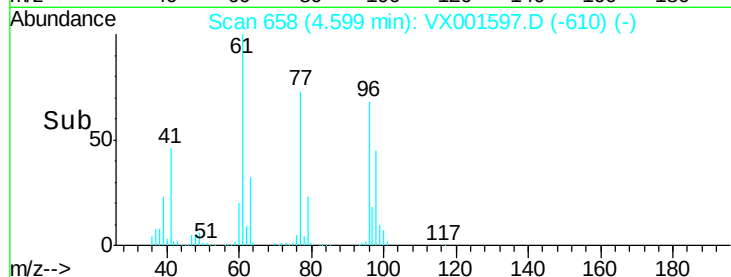
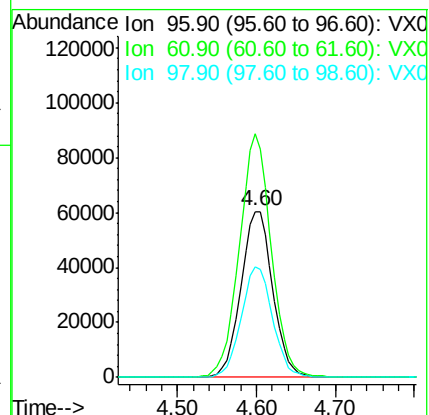
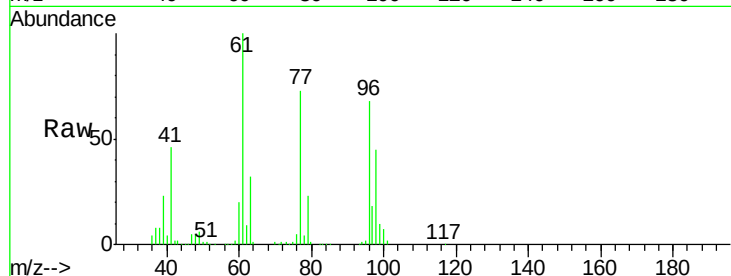
Tgt Ion: 96 Resp: 169240

Ion Ratio Lower Upper

96 100

61 147.6 0.0 301.6

98 66.0 0.0 131.6



#28

Bromochloromethane

Concen: 51.54 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

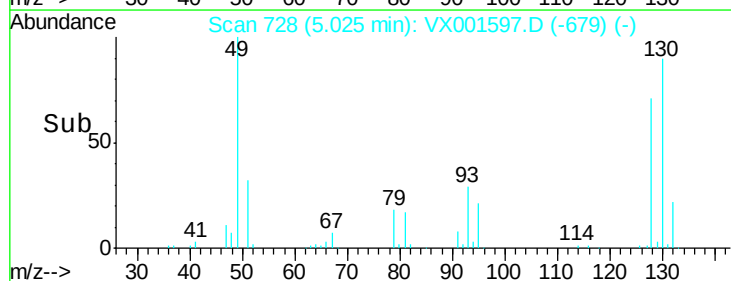
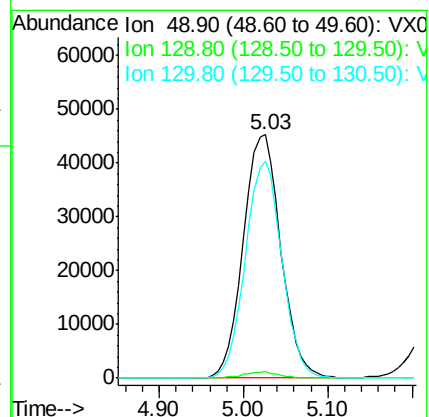
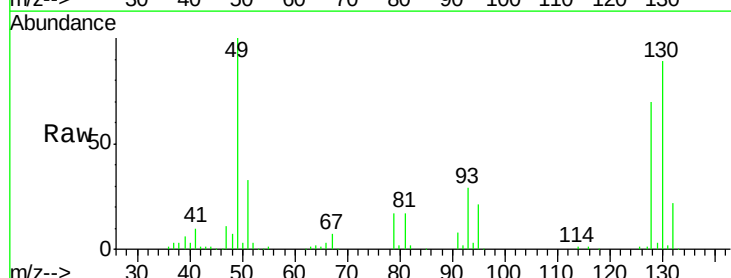
Tgt Ion: 49 Resp: 137079

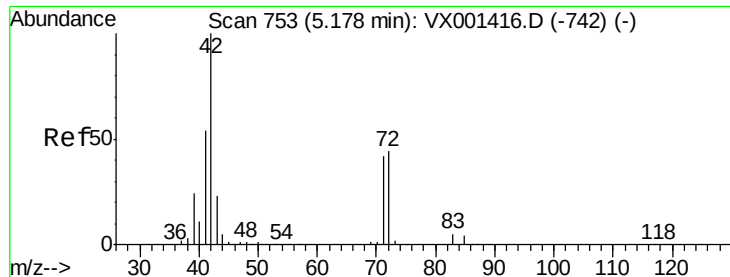
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 87.0 71.9 107.9

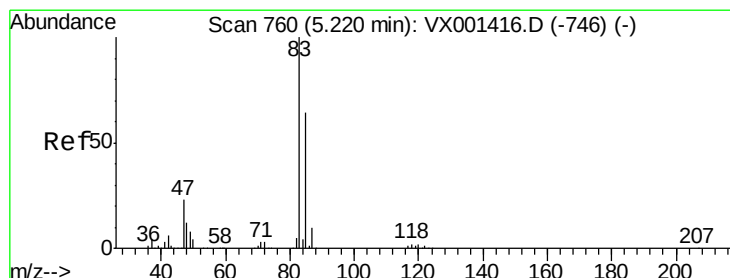
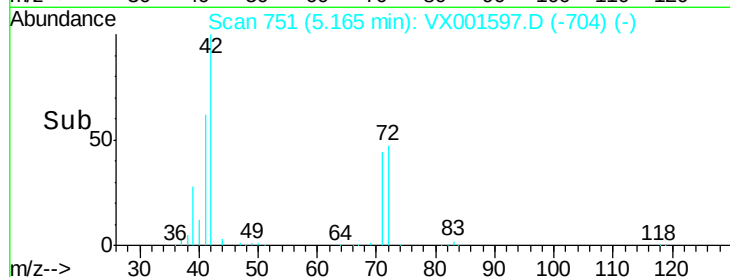
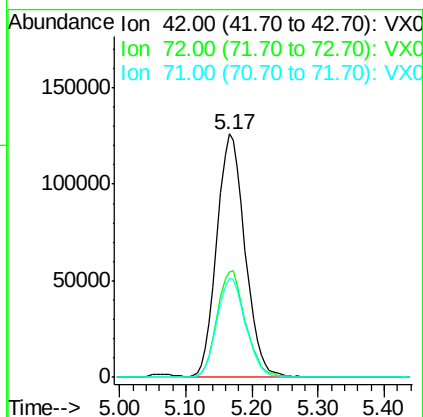
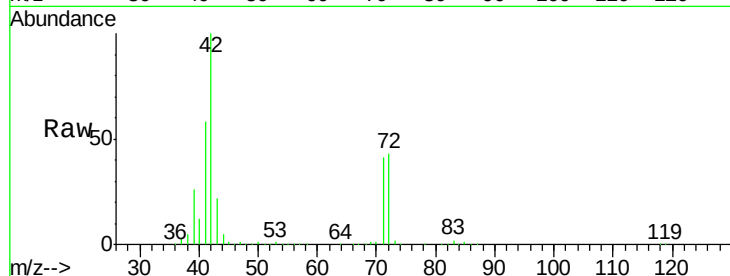




#29
Tetrahydrofuran
Concen: 216.69 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

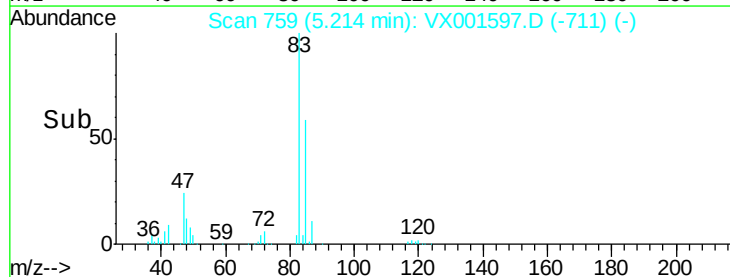
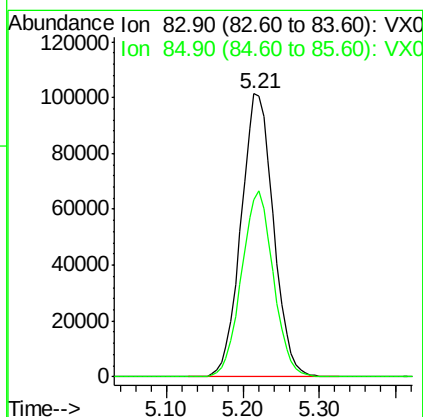
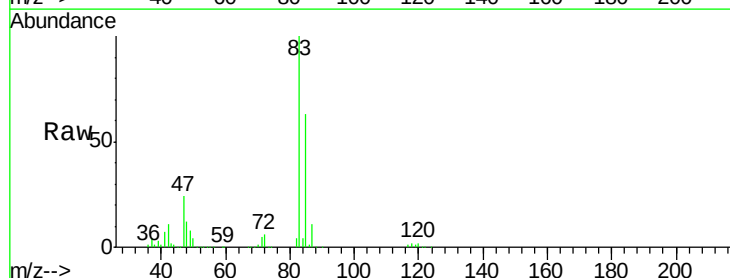
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

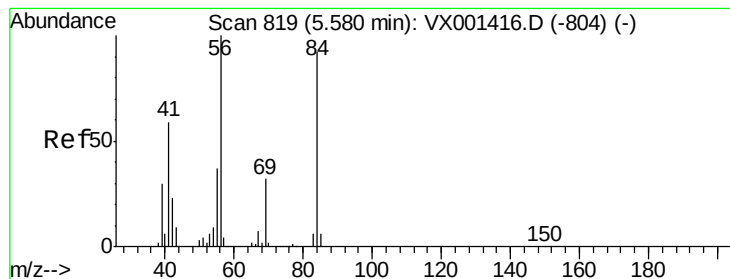
Tgt Ion: 42 Resp: 372614
Ion Ratio Lower Upper
42 100
72 44.5 35.4 53.2
71 41.3 33.0 49.4



#30
Chloroform
Concen: 47.23 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 83 Resp: 298408
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.4





#31

Cyclohexane

Concen: 47.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

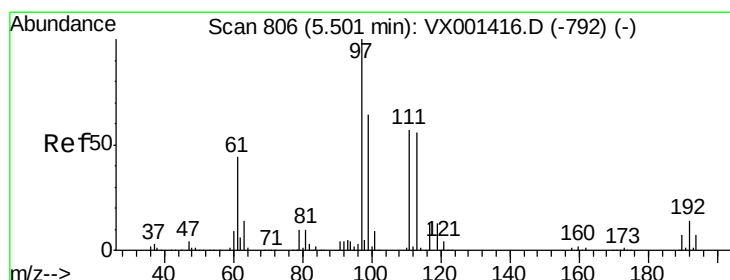
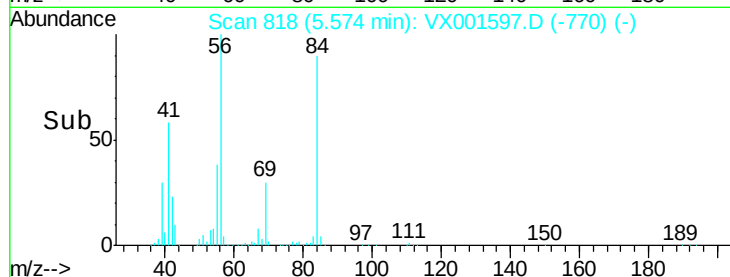
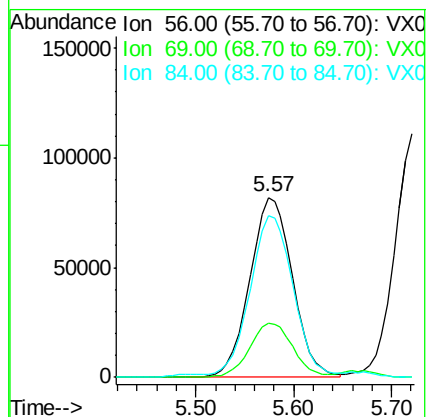
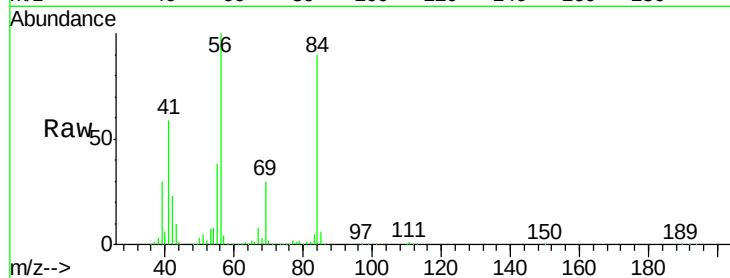
Tgt Ion: 56 Resp: 247876

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

84 88.2 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 48.39 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

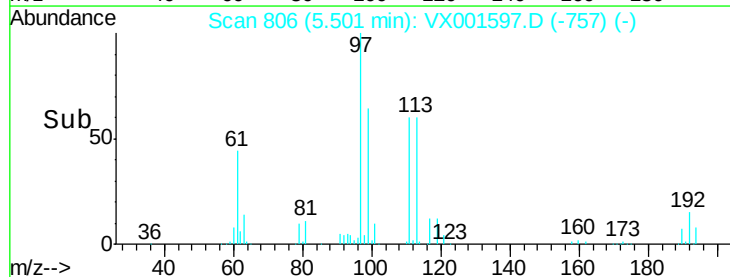
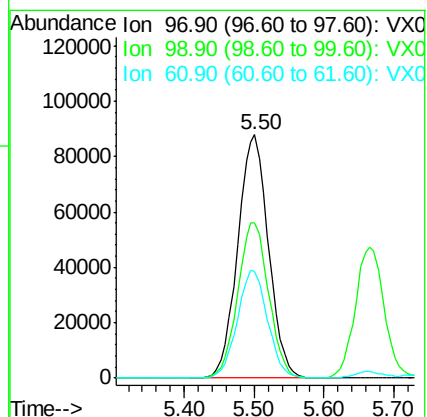
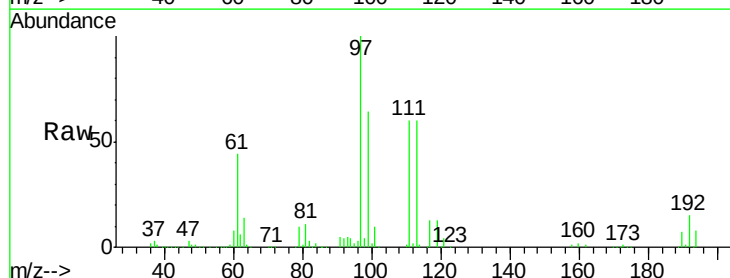
Tgt Ion: 97 Resp: 267249

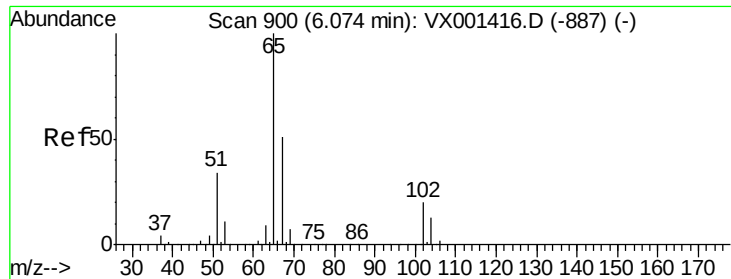
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 43.9 34.8 52.2

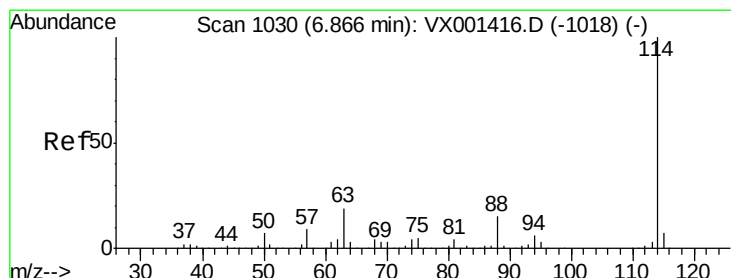
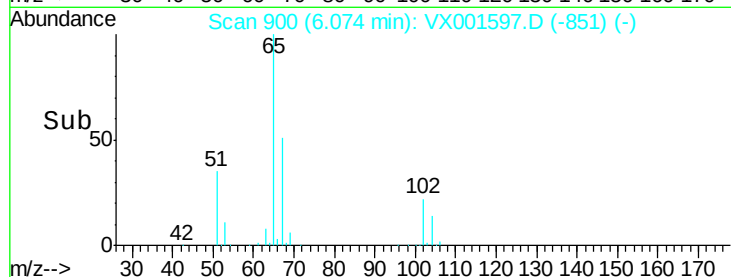
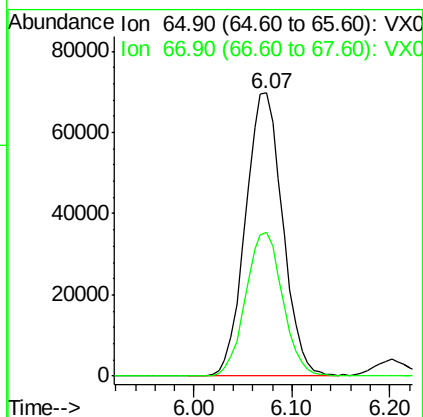
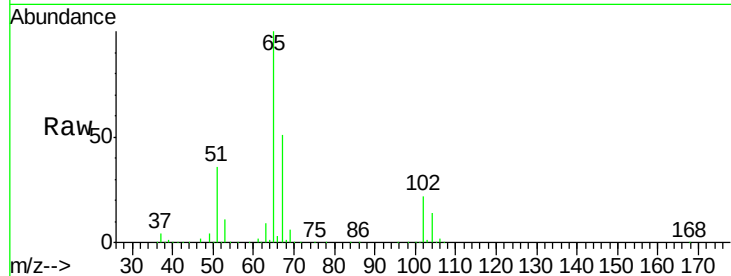




#33
1,2-Dichloroethane-d4
Concen: 45.14 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

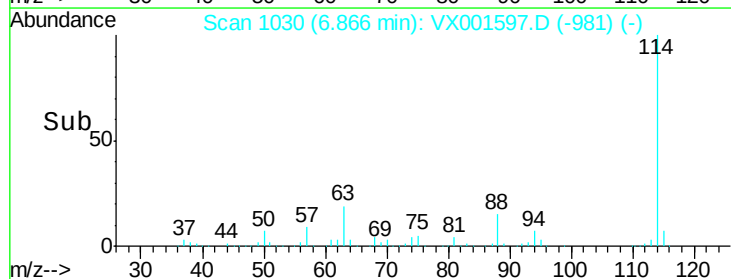
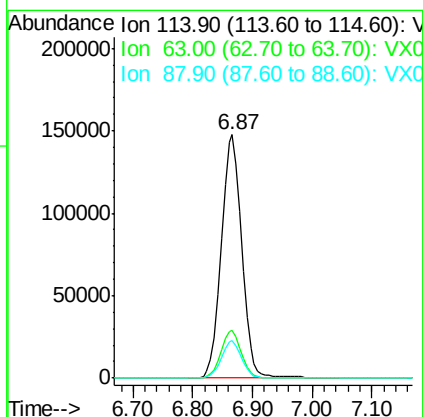
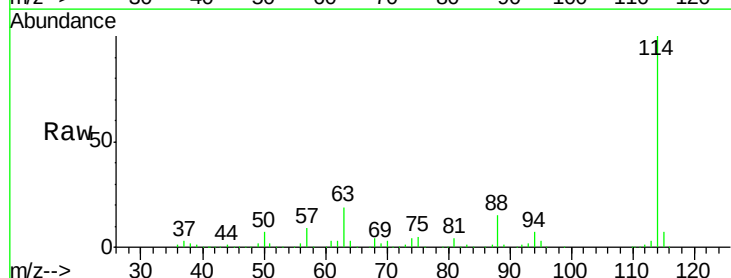
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

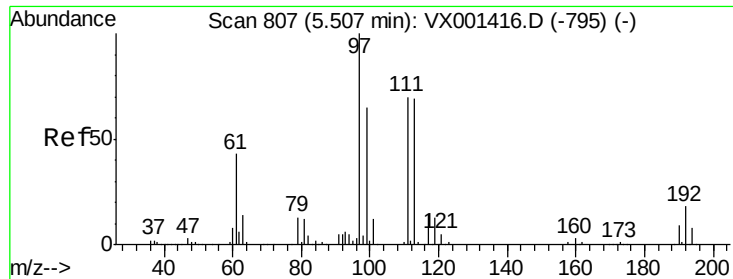
Tgt Ion: 65 Resp: 184826
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 114 Resp: 353846
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.2 0.0 30.8

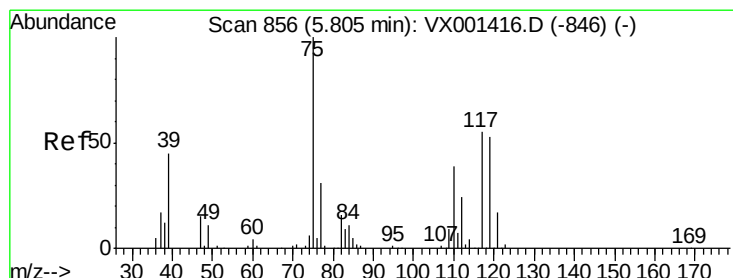
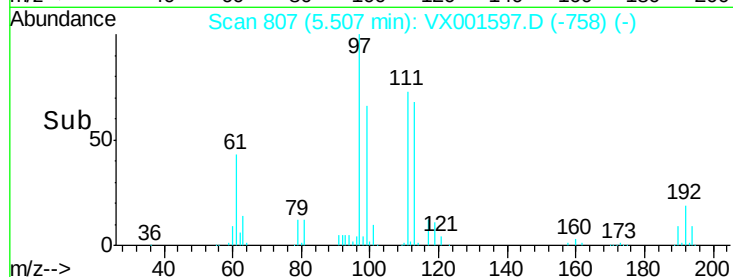
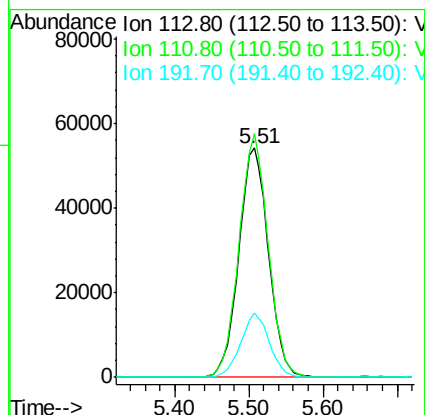
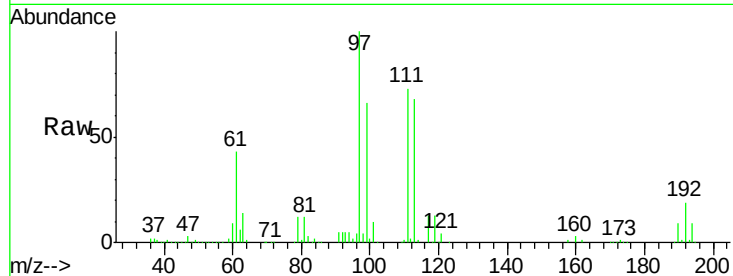




#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

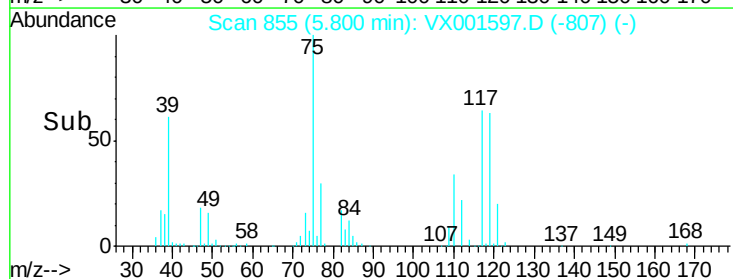
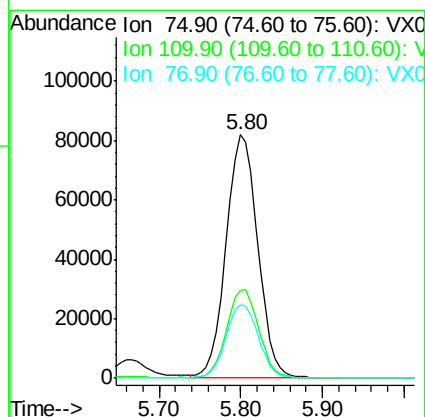
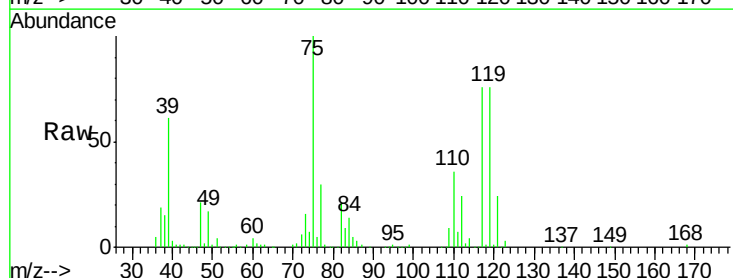
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

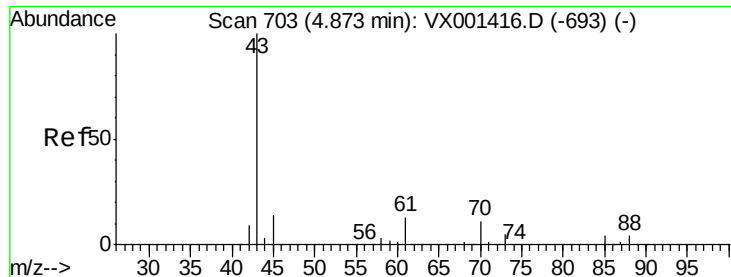
Tgt Ion:113 Resp: 151847
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.2
 192 27.2 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 48.57 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 75 Resp: 218623
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.9 56.7
 77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 45.80 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

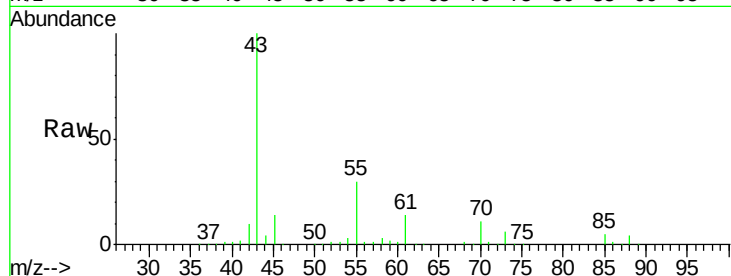
Tgt Ion: 43 Resp: 225954

Ion Ratio Lower Upper

43 100

61 12.9 10.7 16.1

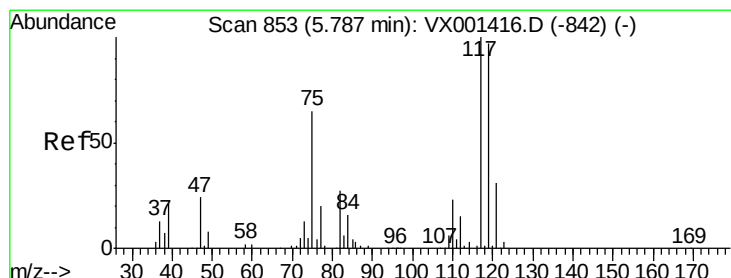
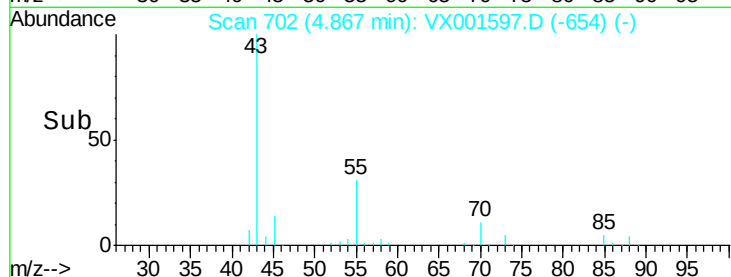
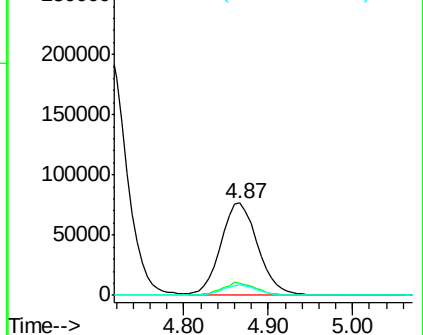
70 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001416.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001416.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 50.13 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

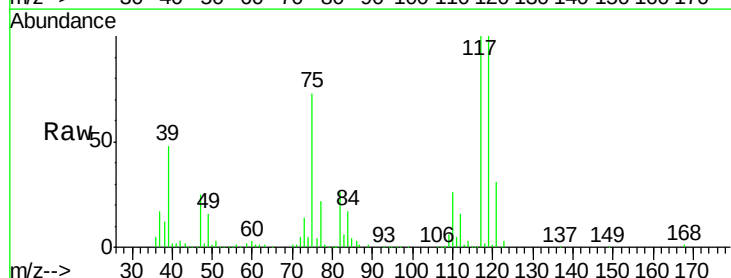
Tgt Ion: 117 Resp: 240654

Ion Ratio Lower Upper

117 100

119 99.8 77.0 115.6

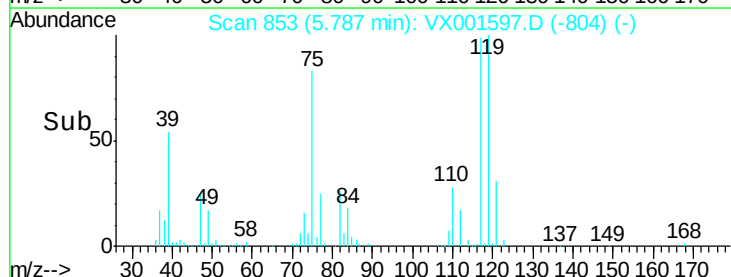
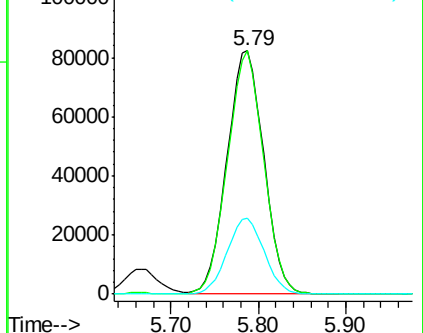
121 31.2 25.1 37.7

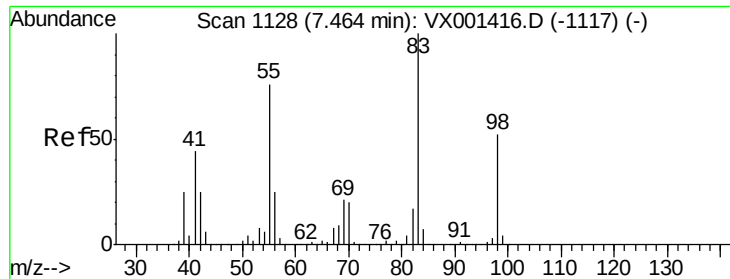


Abundance Ion 116.80 (116.50 to 117.50): VX001416.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001416.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001416.D (-842) (-)

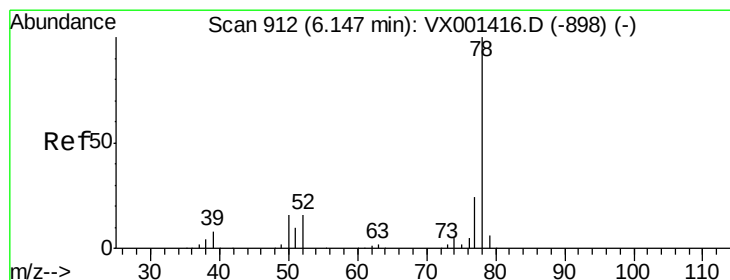
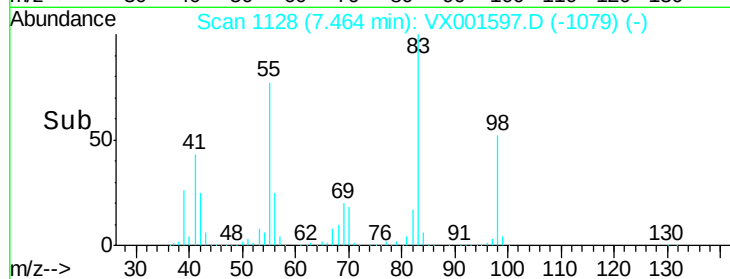
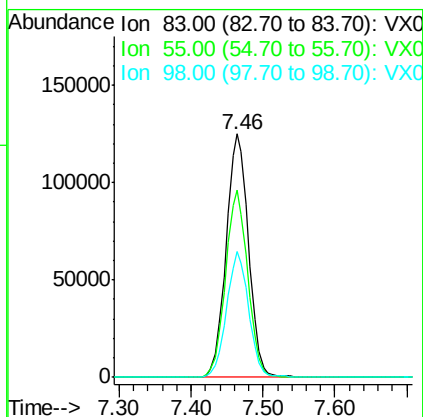
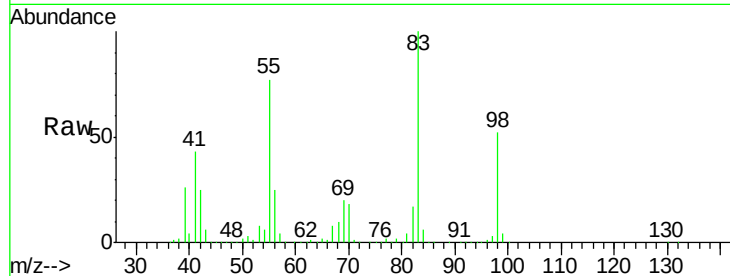




#39
Methylcyclohexane
Concen: 50.95 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

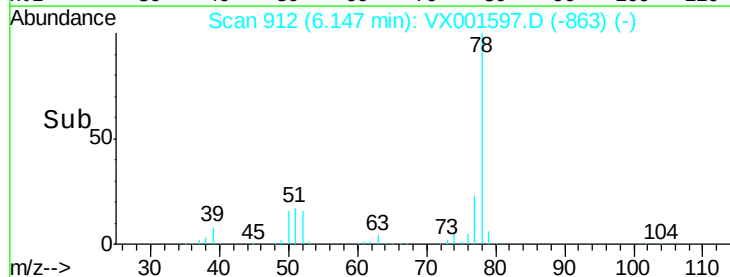
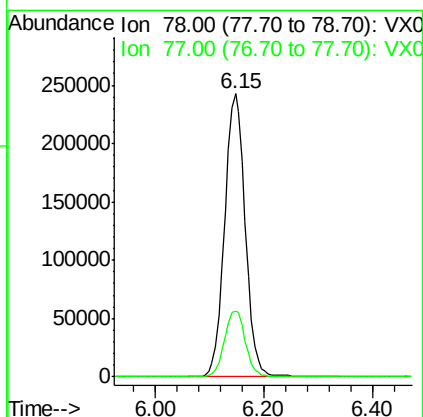
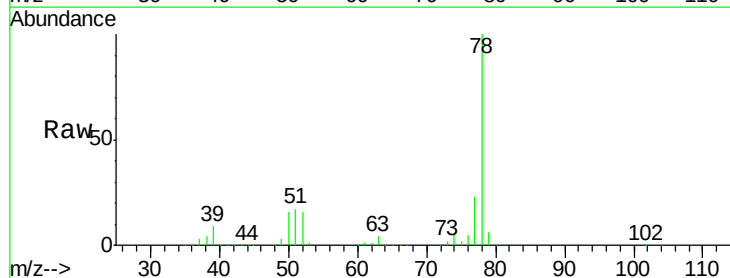
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

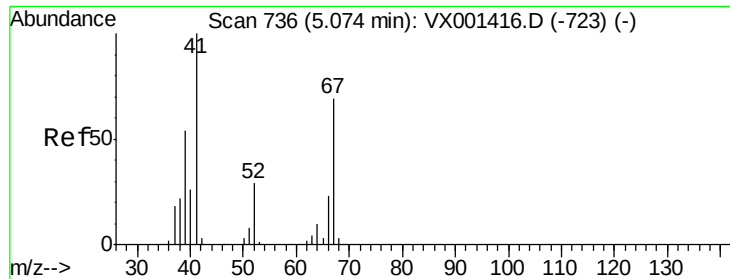
Tgt Ion: 83 Resp: 271112
Ion Ratio Lower Upper
83 100
55 76.7 60.9 91.3
98 51.7 41.9 62.9



#40
Benzene
Concen: 48.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 78 Resp: 639370
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2

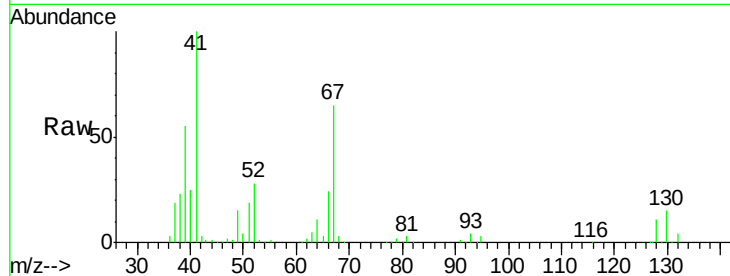




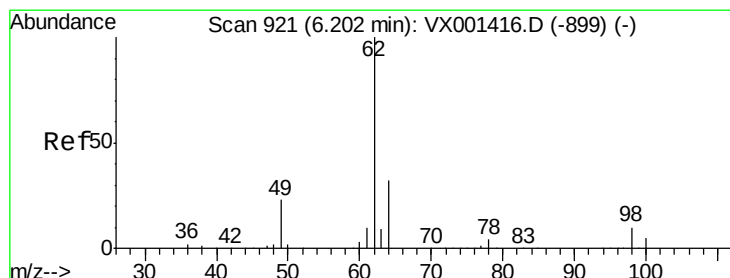
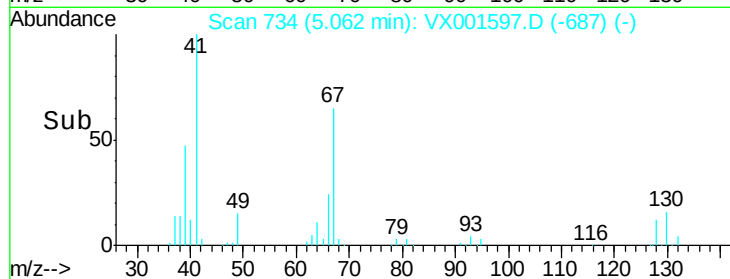
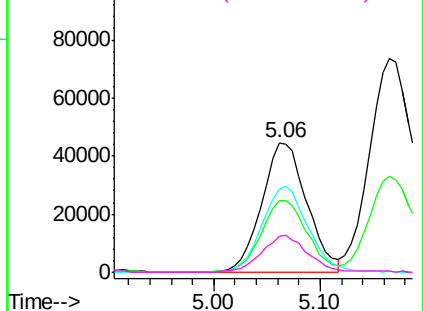
#41
Methacrylonitrile
Concen: 46.37 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	130912
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.6
67	67.9	55.0	82.6
52	28.5	23.4	35.0

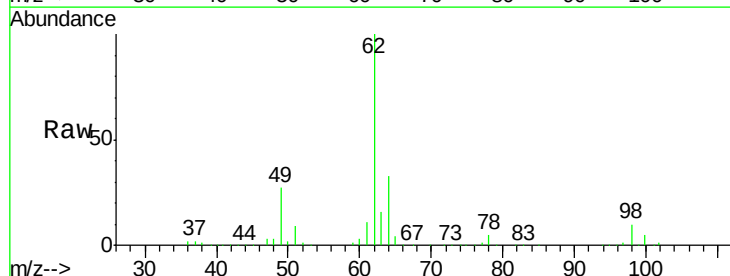


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

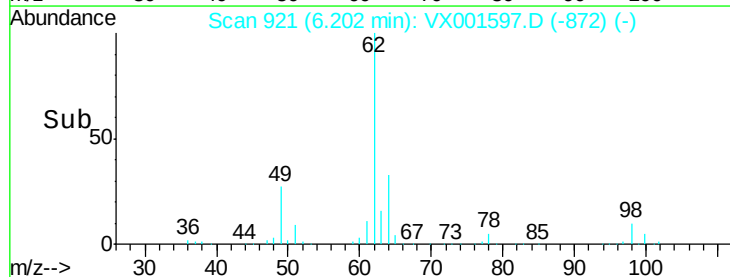
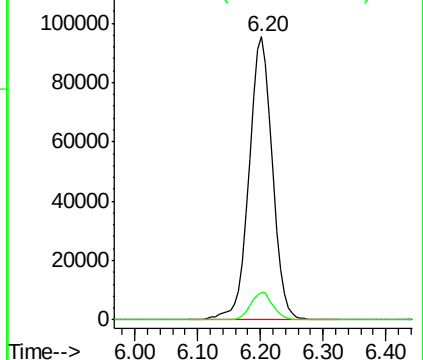


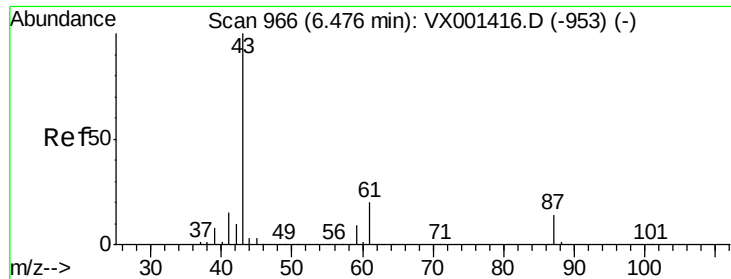
#42
1,2-Dichloroethane
Concen: 48.44 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion:	62	Resp:	244775
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

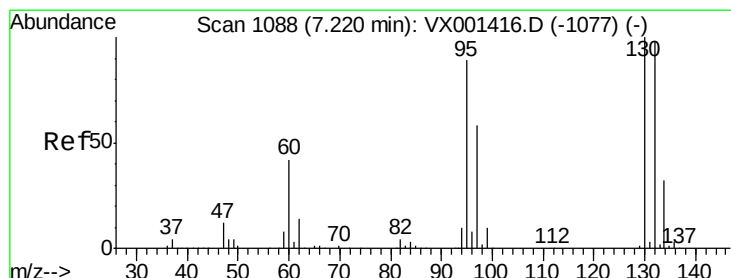
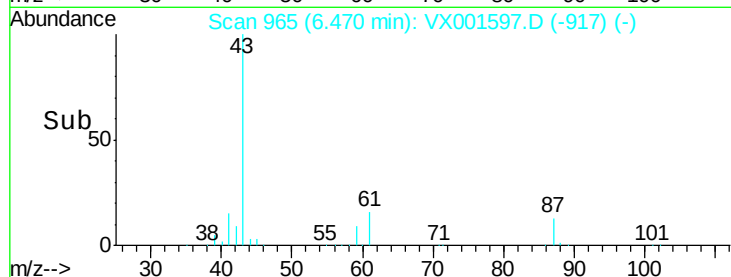
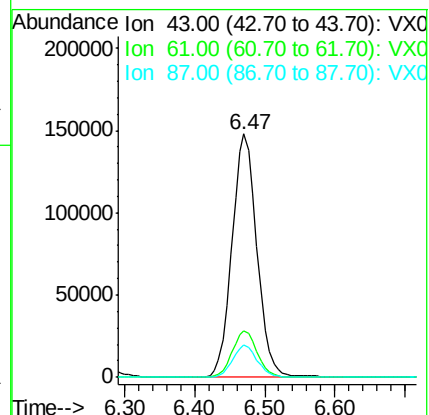
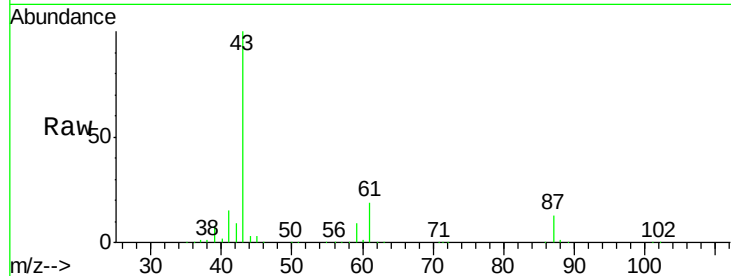
Tgt Ion: 43 Resp: 364660

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.2 10.8 16.2



#44

Trichloroethene

Concen: 49.03 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001597.D

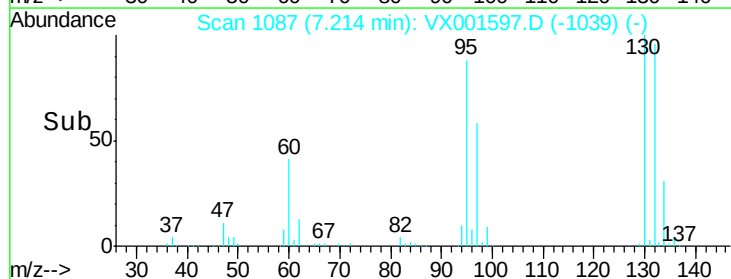
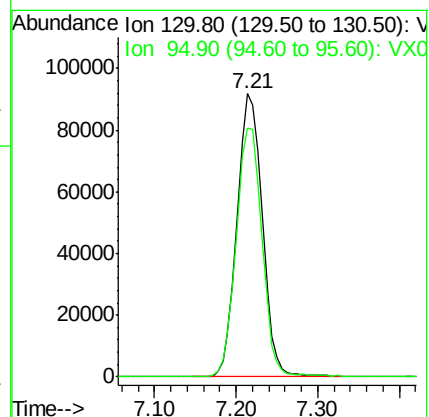
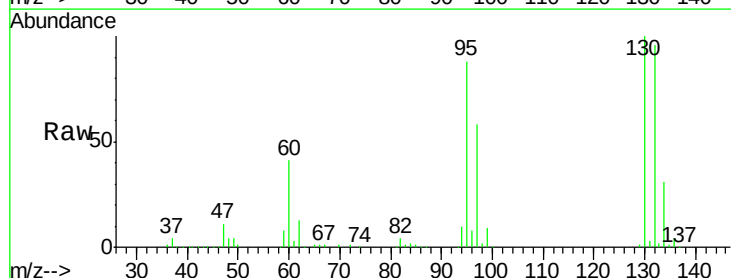
Acq: 10 May 2018 11:16

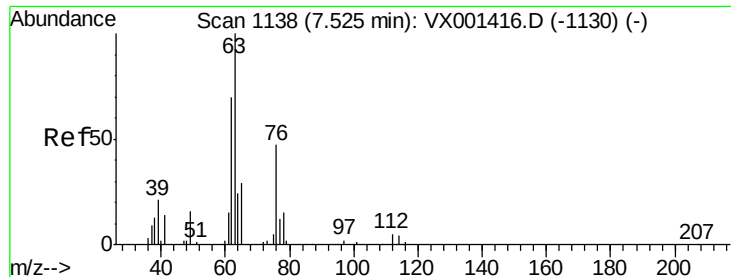
Tgt Ion: 130 Resp: 197024

Ion Ratio Lower Upper

130 100

95 88.1 0.0 178.4





#45

1,2-Dichloropropane

Concen: 49.29 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

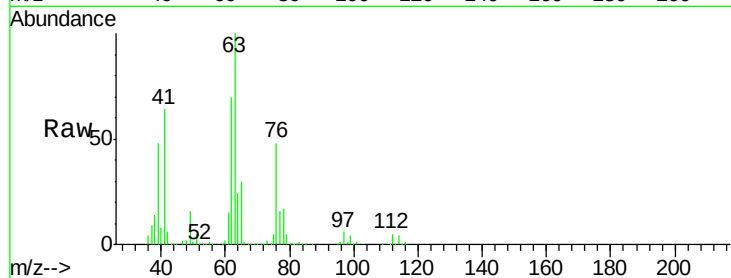
VSTDCCC050

Tgt Ion: 63 Resp: 161562

Ion Ratio Lower Upper

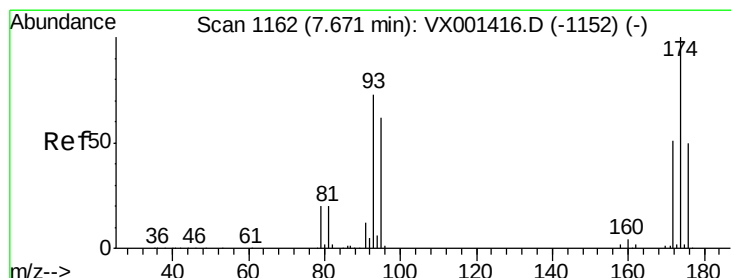
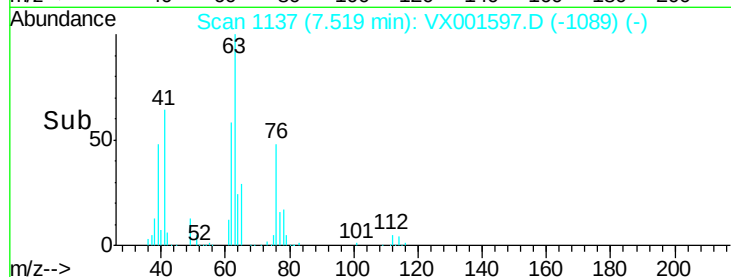
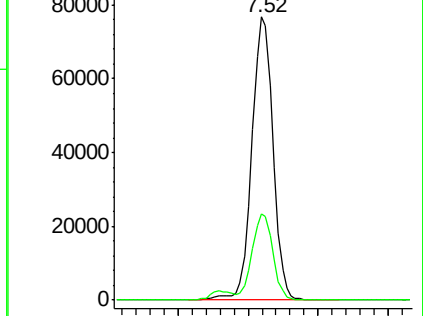
63 100

65 30.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

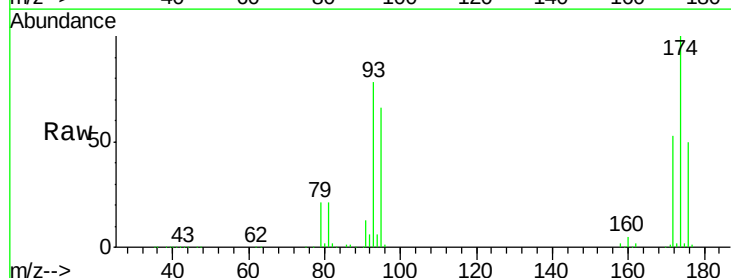
Tgt Ion: 93 Resp: 111557

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

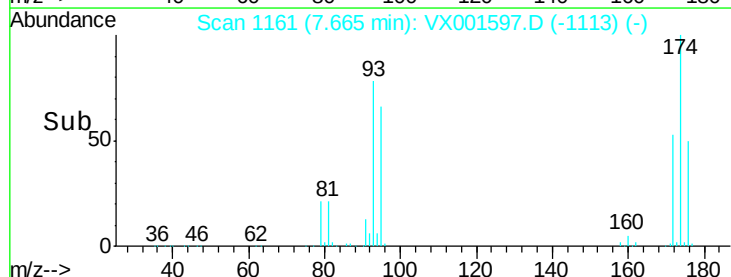
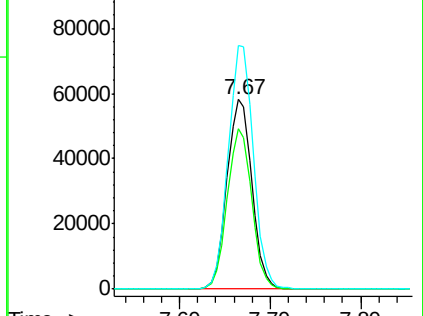
174 129.2 104.5 156.7

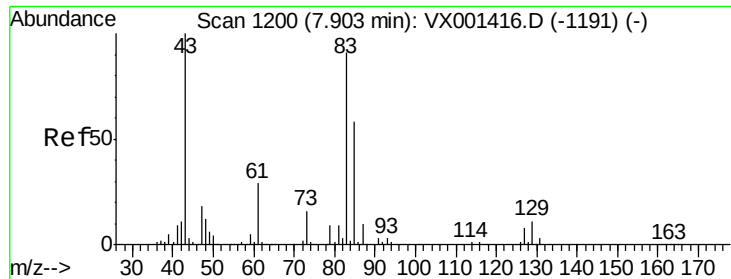


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

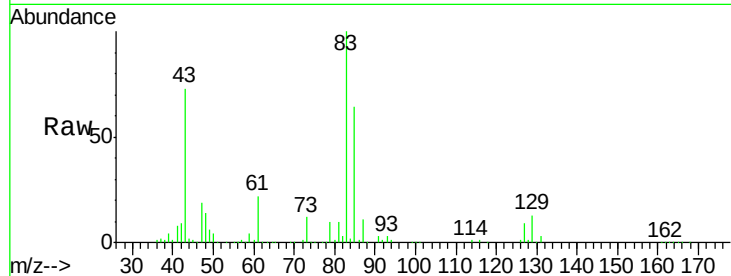
Tgt Ion: 83 Resp: 218811

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

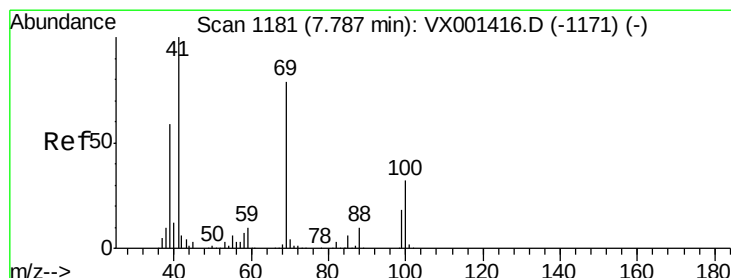
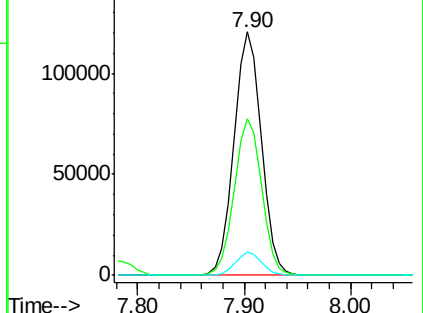
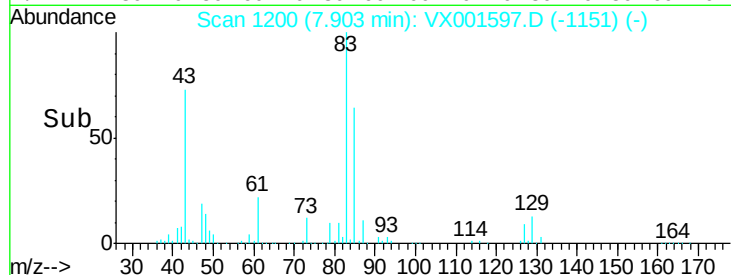
127 9.4 7.4 11.2



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: 47.71 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

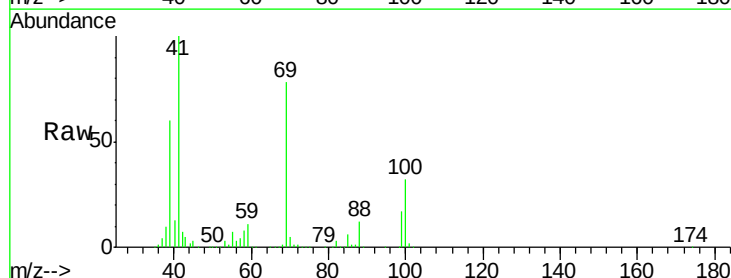
Tgt Ion: 41 Resp: 196778

Ion Ratio Lower Upper

41 100

69 79.7 63.4 95.2

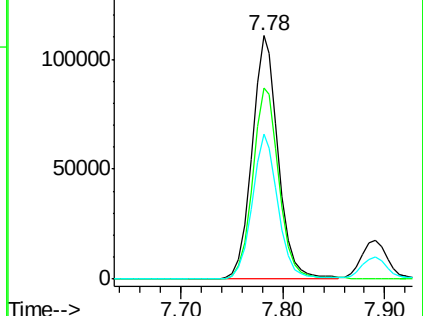
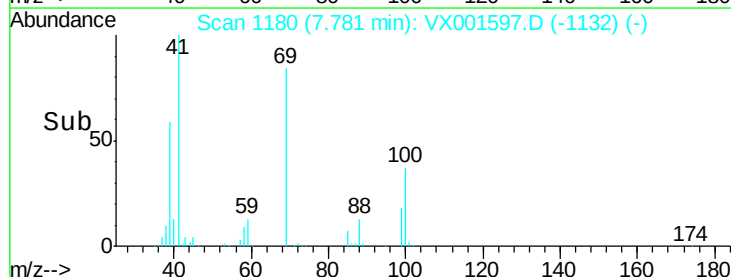
39 58.8 47.0 70.4

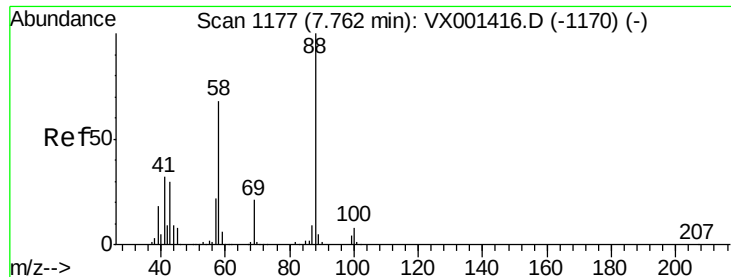


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

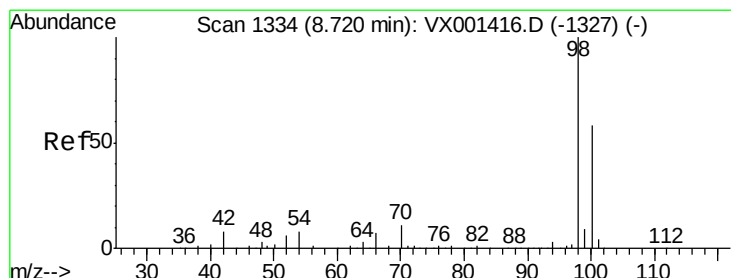
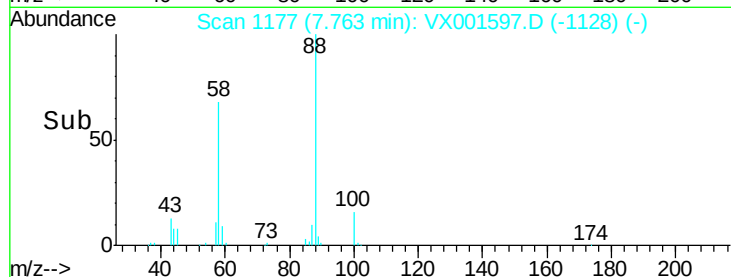
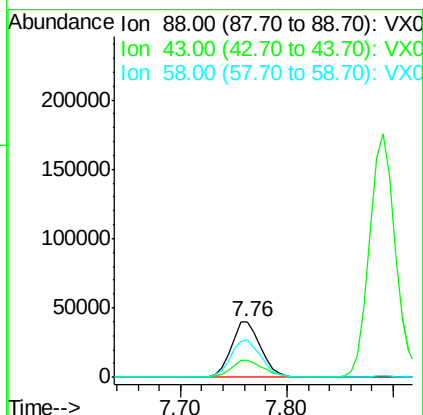
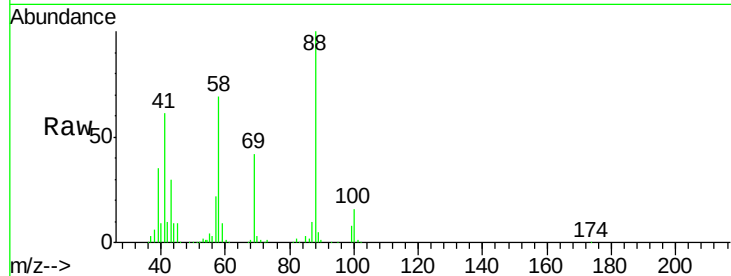




#49
1,4-Dioxane
Concen: 876.15 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

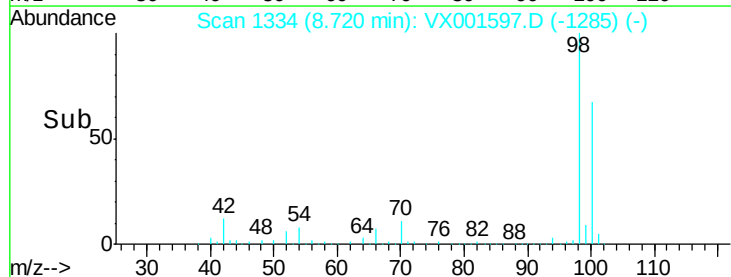
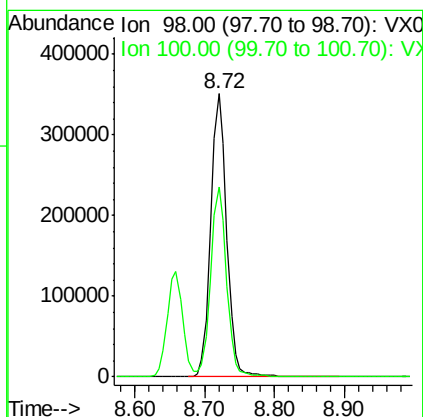
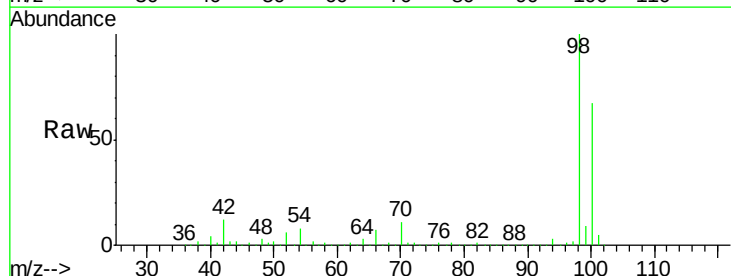
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

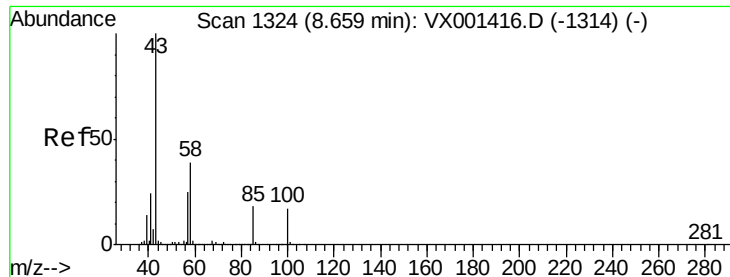
Tgt Ion: 88 Resp: 78069
Ion Ratio Lower Upper
88 100
43 34.3 26.4 39.6
58 69.7 54.1 81.1



#50
Toluene-d8
Concen: 48.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 98 Resp: 557324
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 243.34 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

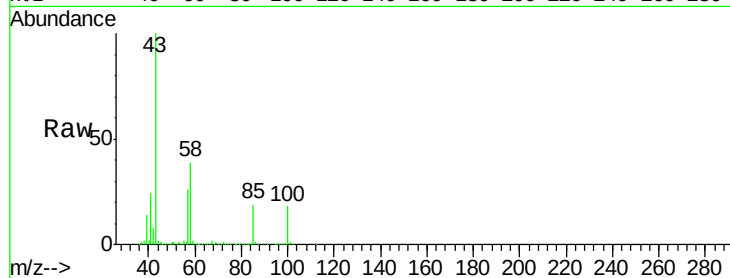
VSTDCCC050

Tgt Ion: 43 Resp: 1224777

Ion Ratio Lower Upper

43 100

58 38.3 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

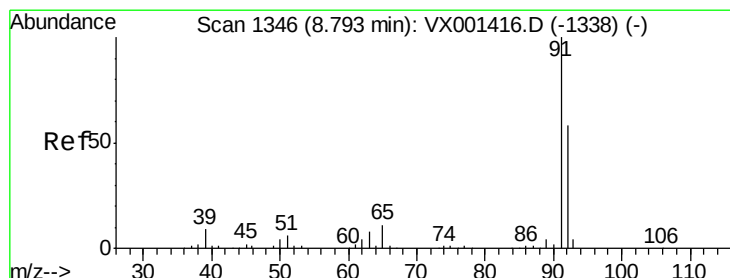
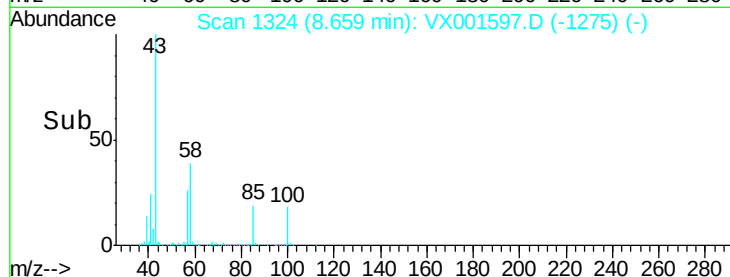
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.07 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001597.D

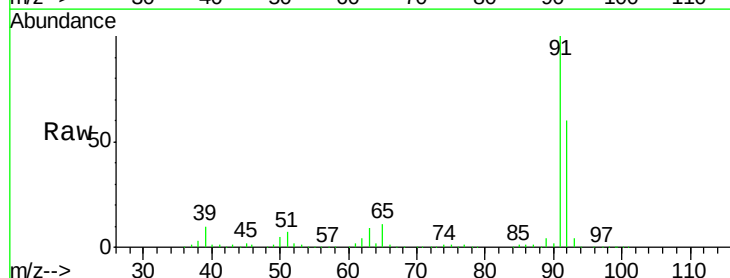
Acq: 10 May 2018 11:16

Tgt Ion: 92 Resp: 430398

Ion Ratio Lower Upper

92 100

91 169.4 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

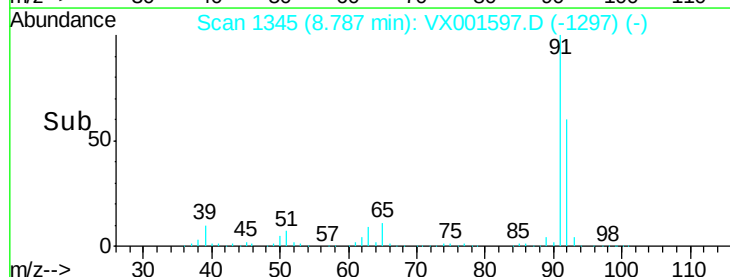
300000

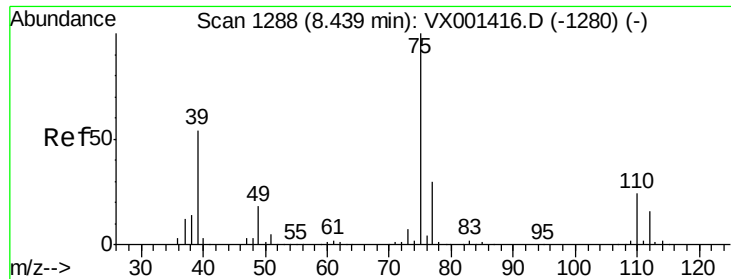
200000

100000

0

Time--> 8.70 8.80 8.90

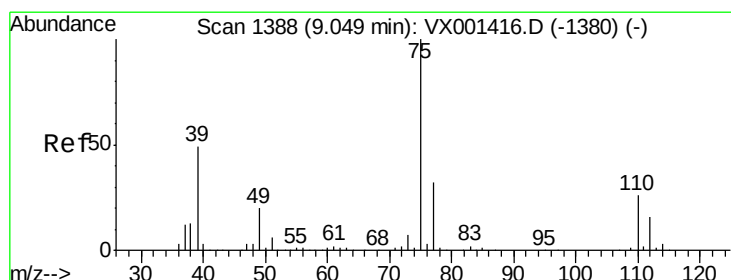
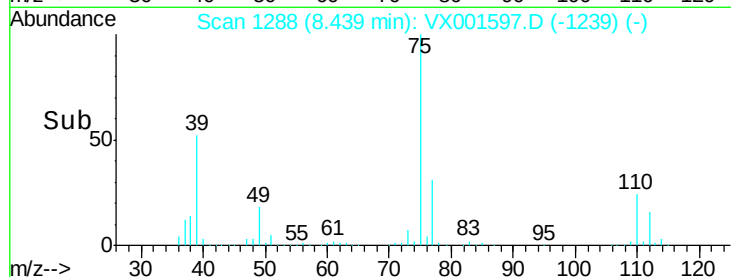
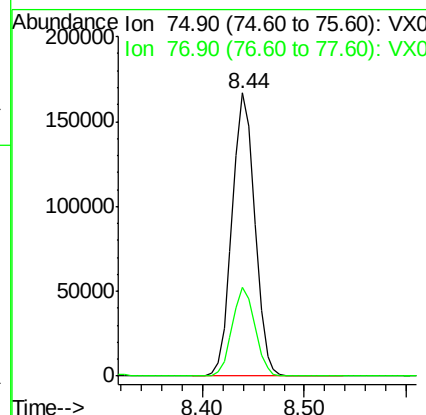
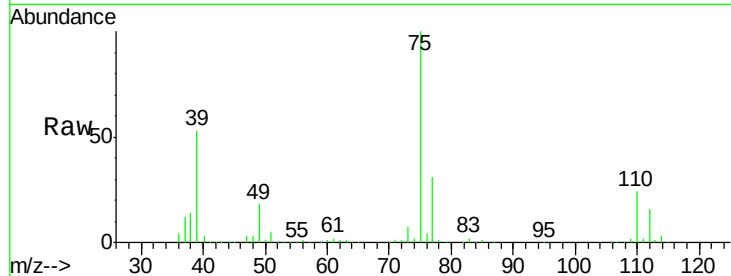




#53
 t-1,3-Dichloropropene
 Concen: 52.93 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

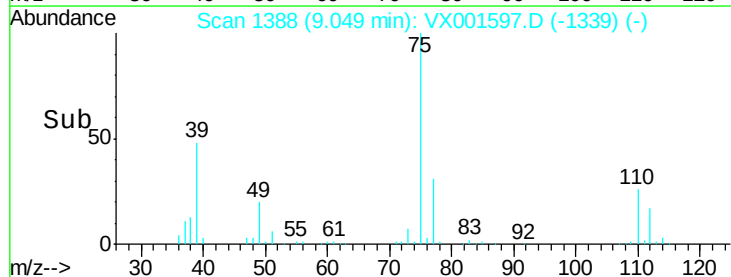
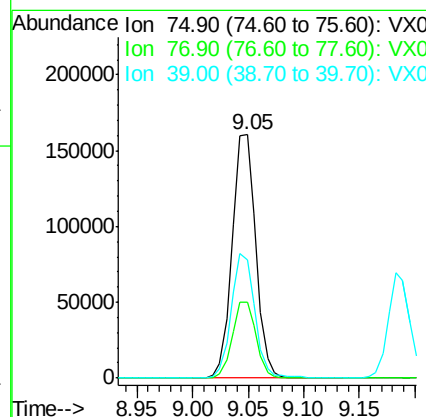
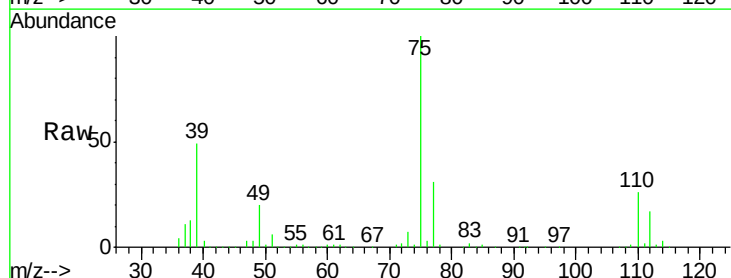
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

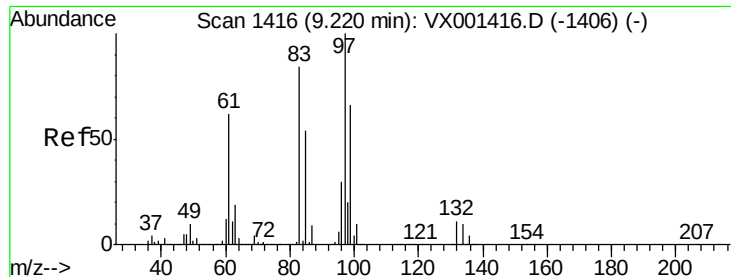
Tgt Ion: 75 Resp: 256851
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.12 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 75 Resp: 235754
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 48.7 38.9 58.3

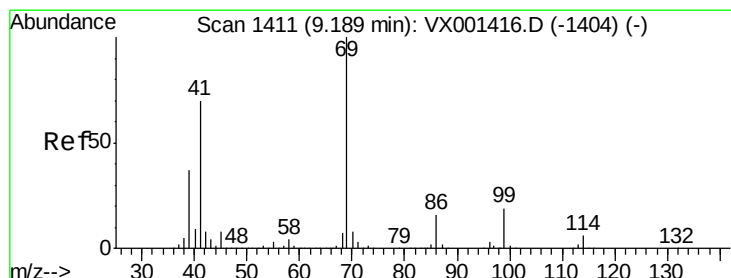
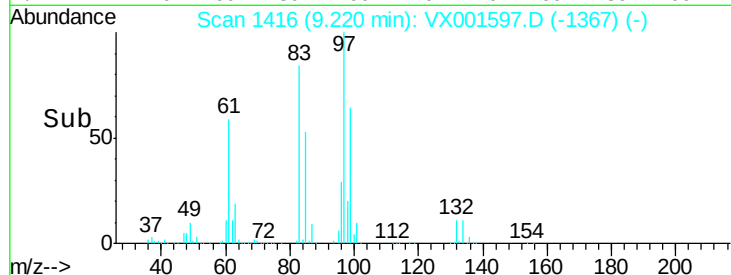
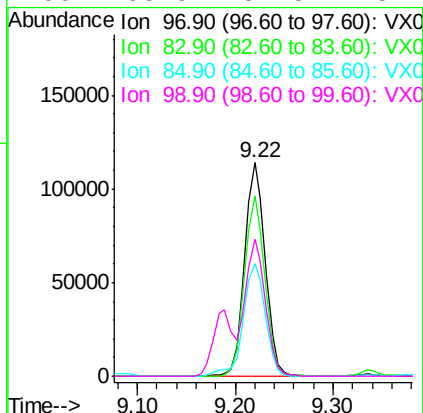
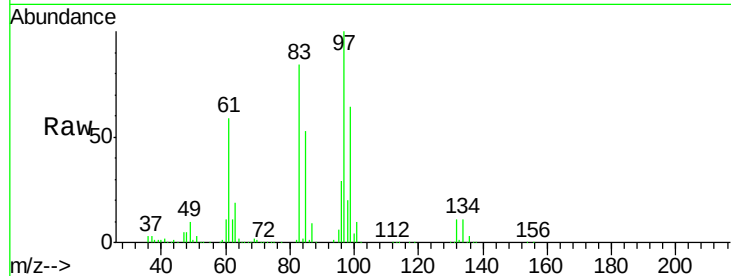




#55
 1,1,2-Trichloroethane
 Concen: 48.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

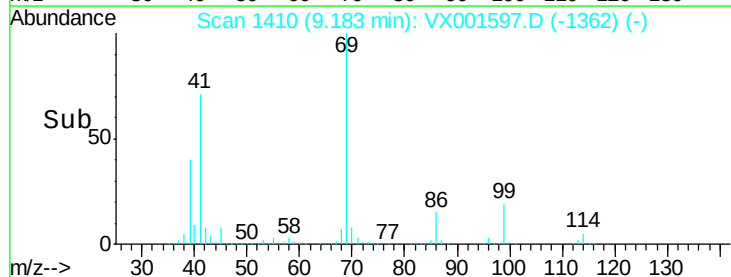
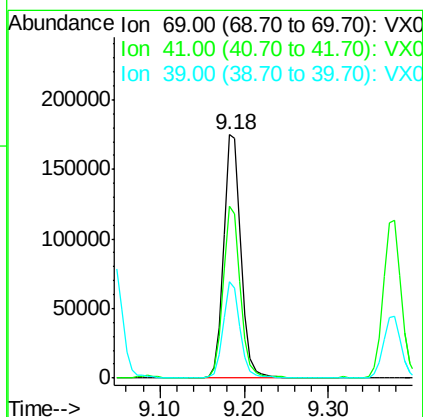
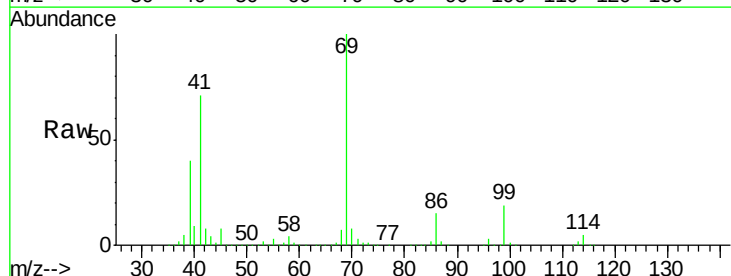
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

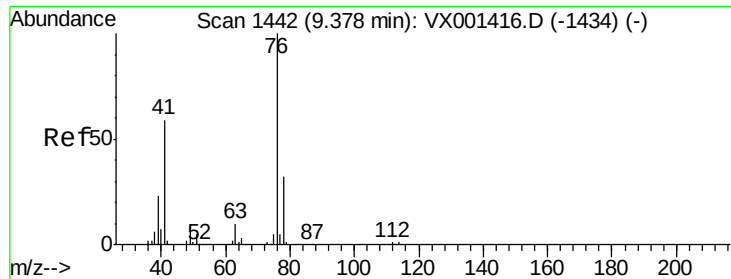
Tgt Ion:	97	Resp:	166429
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.0
85	52.9	43.3	64.9
99	63.9	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 49.90 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion:	69	Resp:	249124
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.1	82.7
39	38.3	29.9	44.9

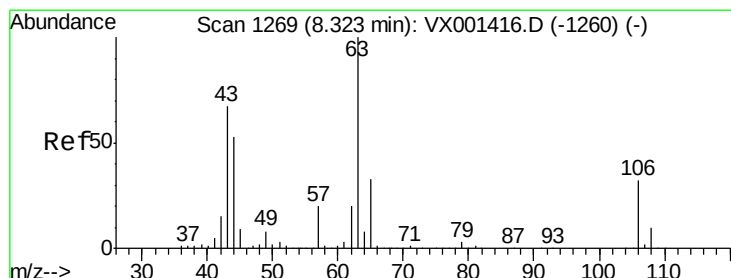
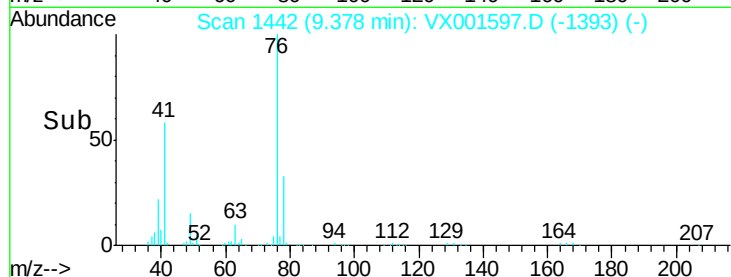
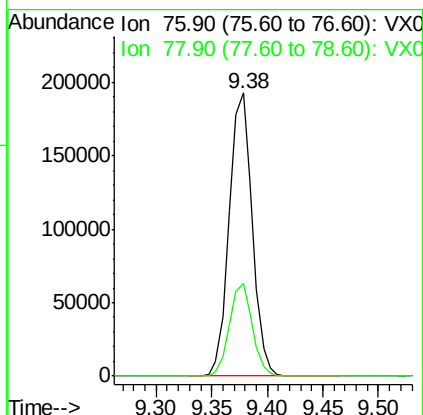
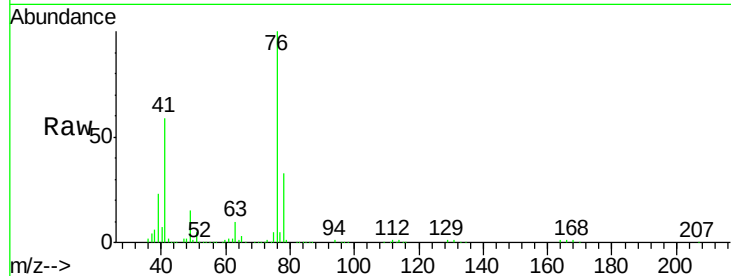




#57
 1,3-Dichloropropane
 Concen: 48.28 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

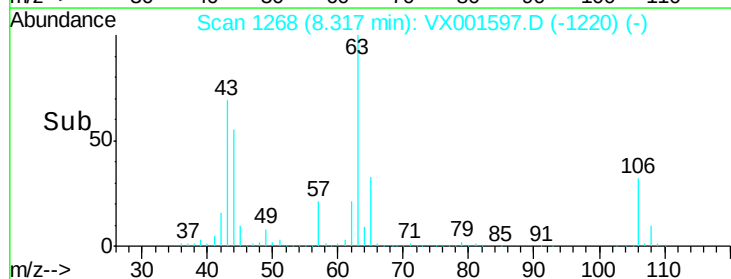
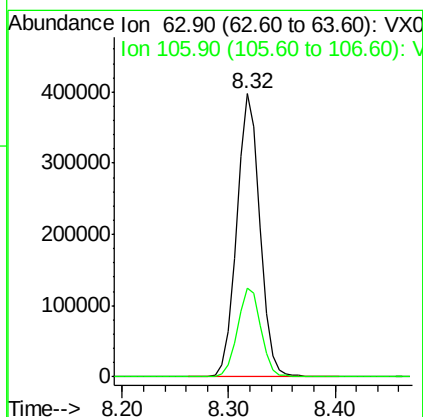
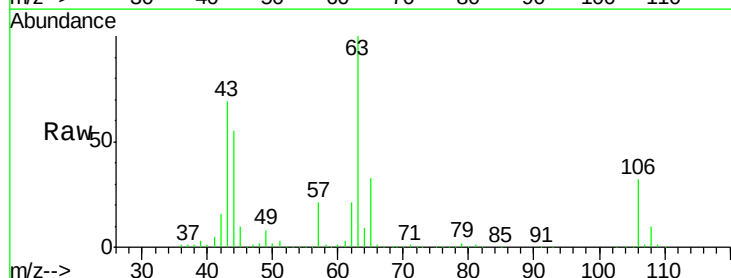
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

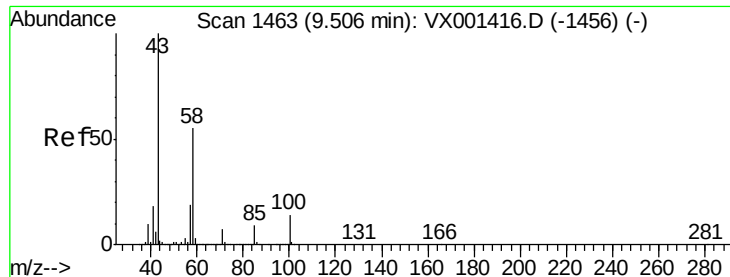
Tgt Ion: 76 Resp: 276470
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 63 Resp: 606738
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0

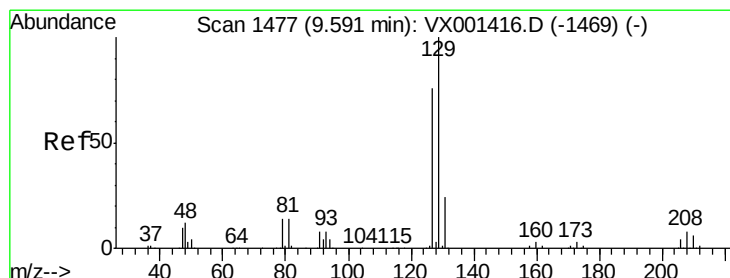
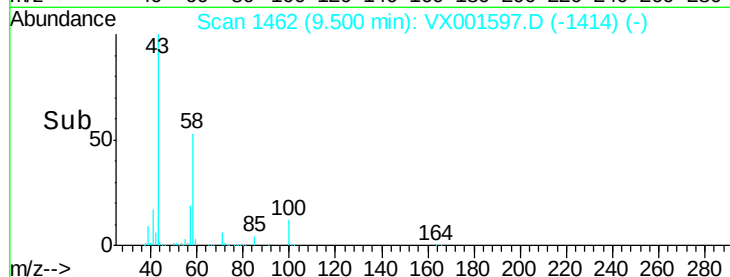
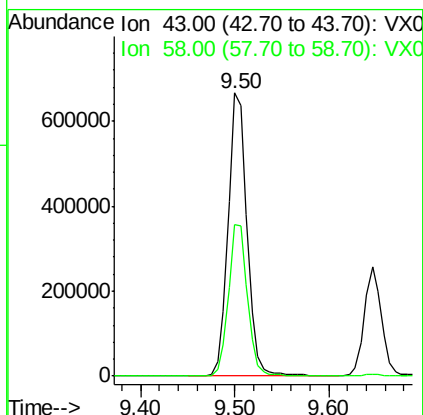
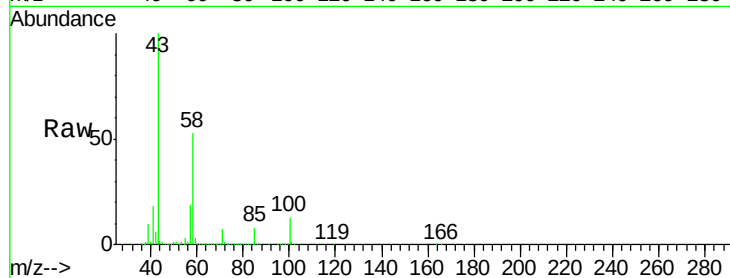




#59
2-Hexanone
Concen: 241.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

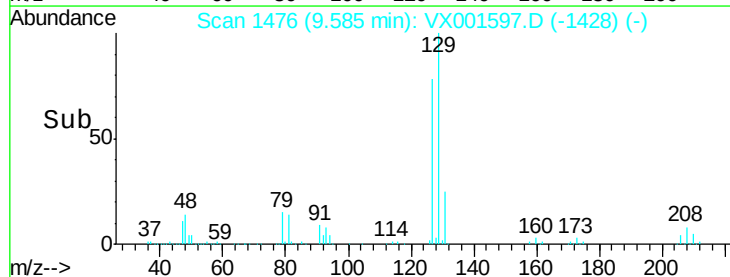
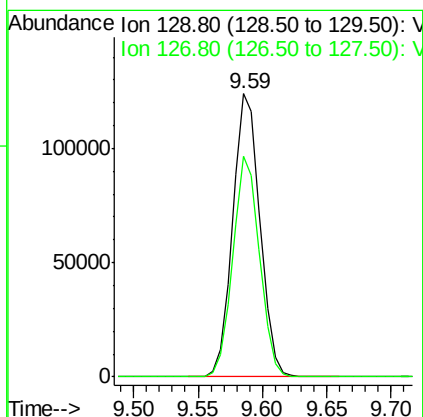
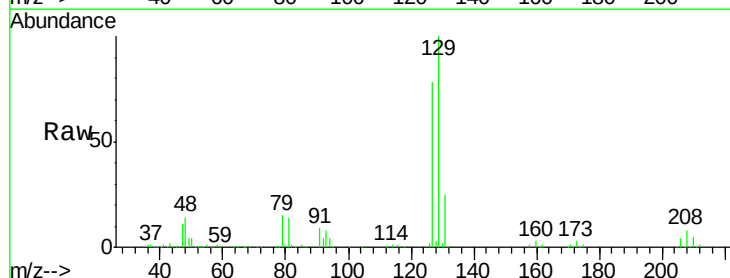
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

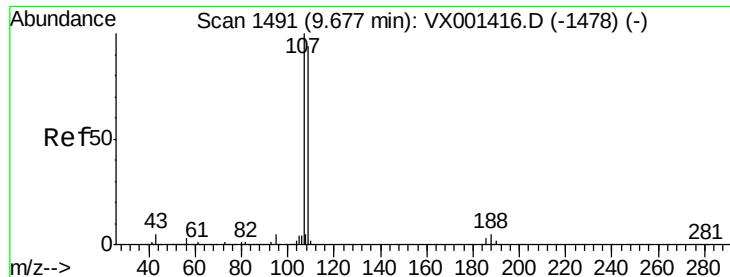
Tgt Ion: 43 Resp: 928914
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 51.46 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 129 Resp: 182506
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.66 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

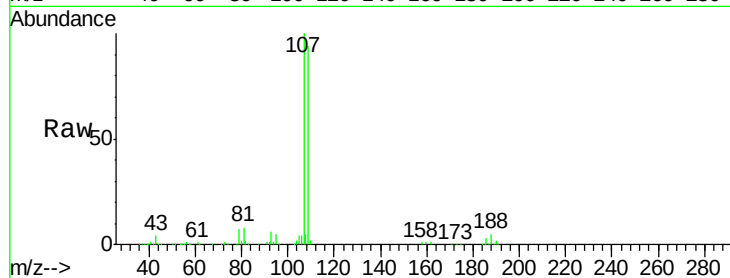
VSTDCCC050

Tgt Ion: 107 Resp: 176931

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

9.68

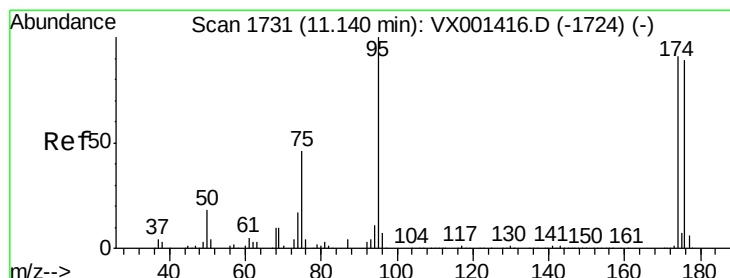
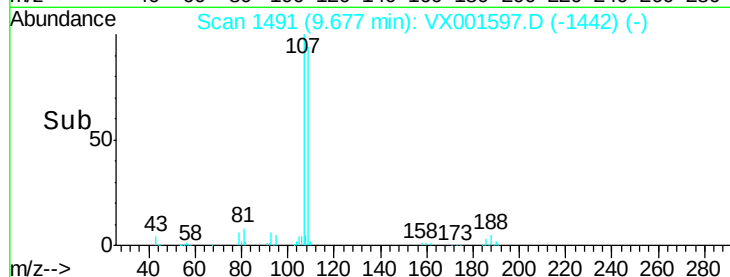
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

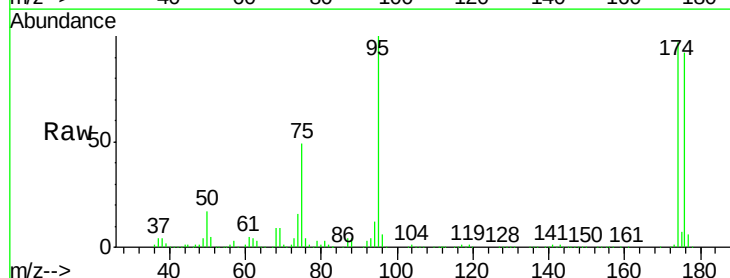
Tgt Ion: 95 Resp: 215198

Ion Ratio Lower Upper

95 100

174 100.8 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

11.14

200000

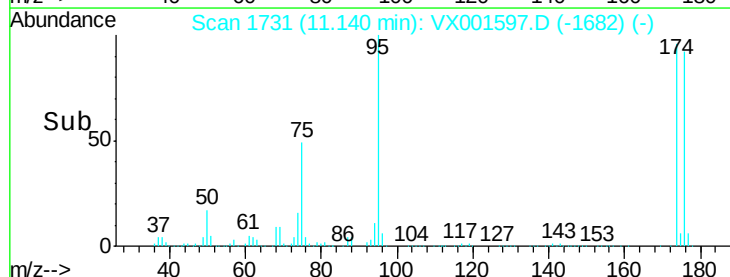
150000

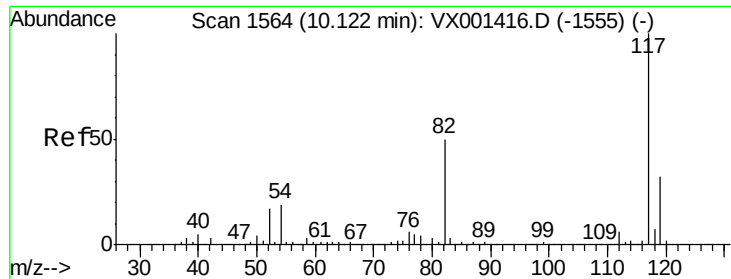
100000

50000

0

Time-->

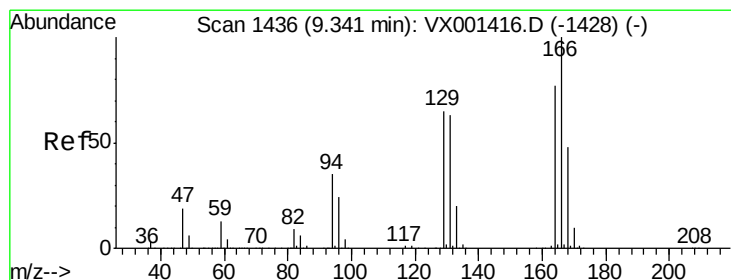
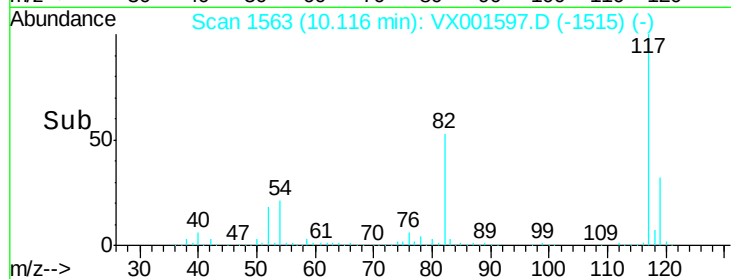
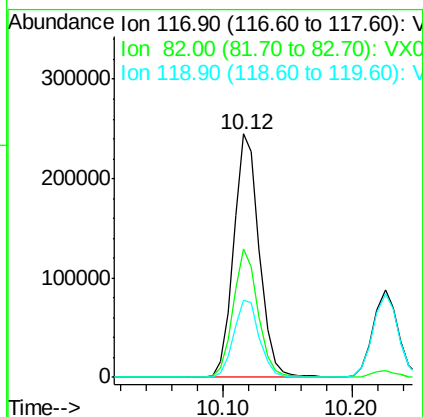
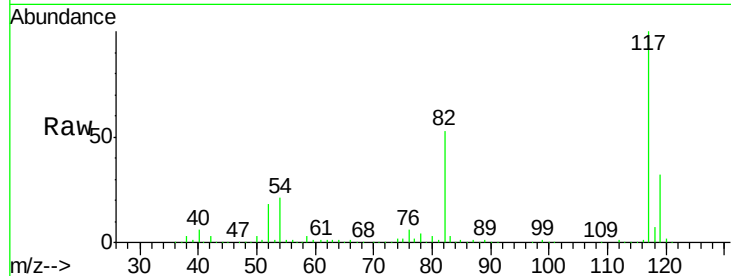




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

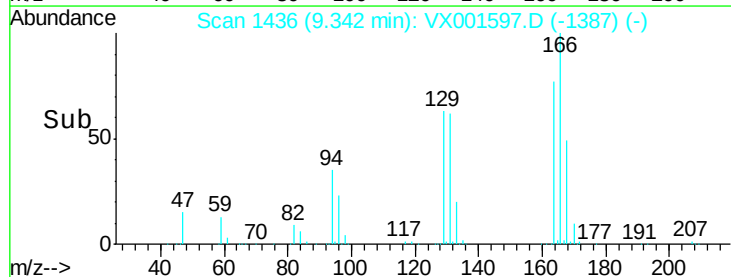
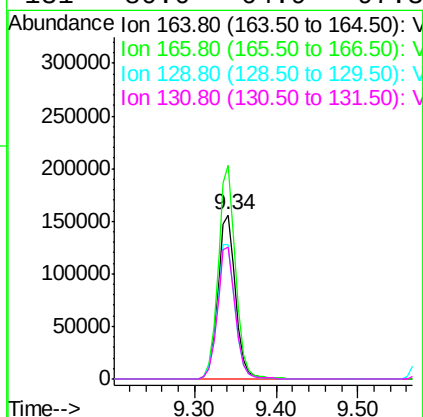
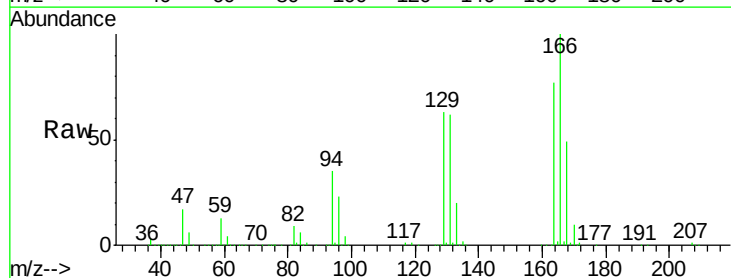
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

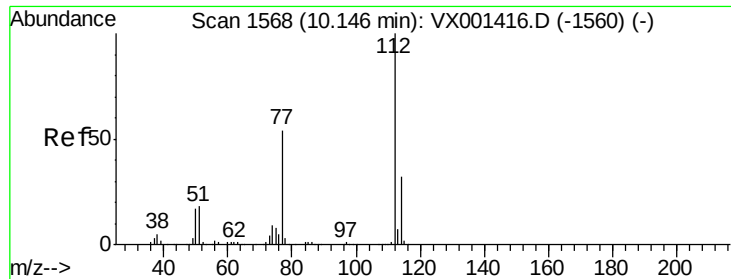
Tgt Ion:117 Resp: 338739
Ion Ratio Lower Upper
117 100
82 52.6 40.0 60.0
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 50.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion:164 Resp: 236439
Ion Ratio Lower Upper
164 100
166 129.9 103.5 155.3
129 81.9 66.7 100.1
131 80.0 64.9 97.3

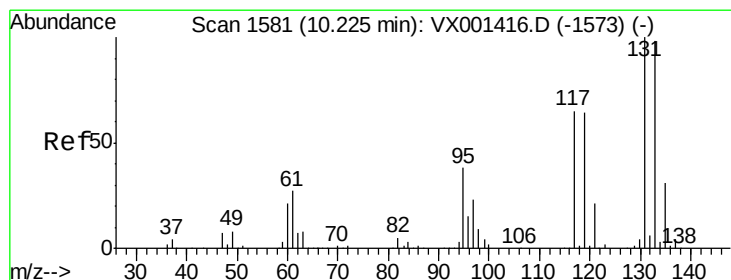
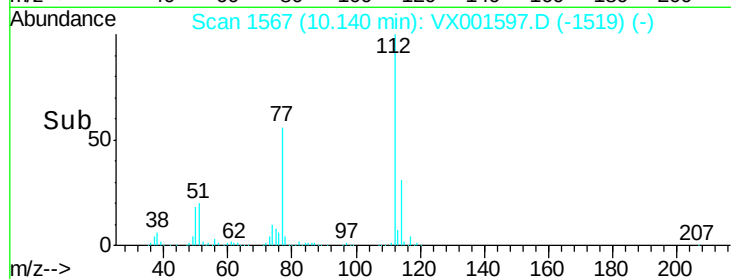
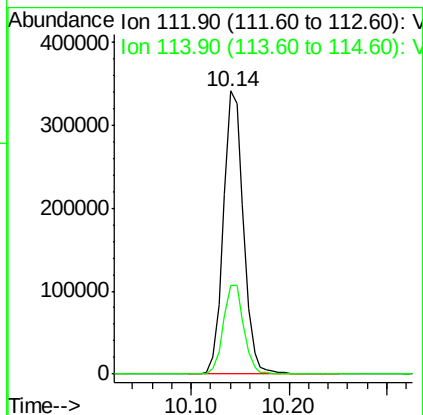
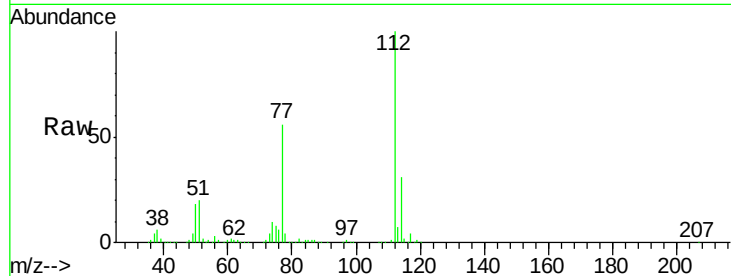




#65
Chlorobenzene
Concen: 48.79 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

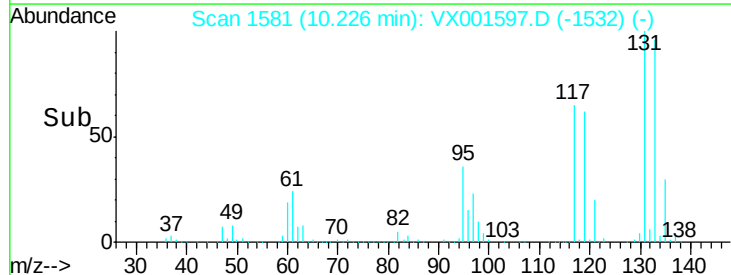
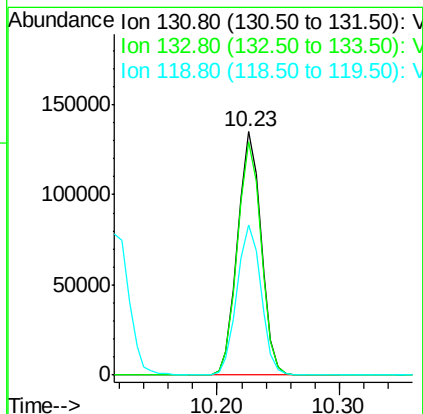
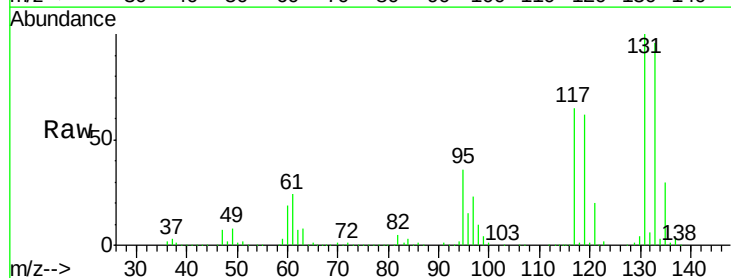
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

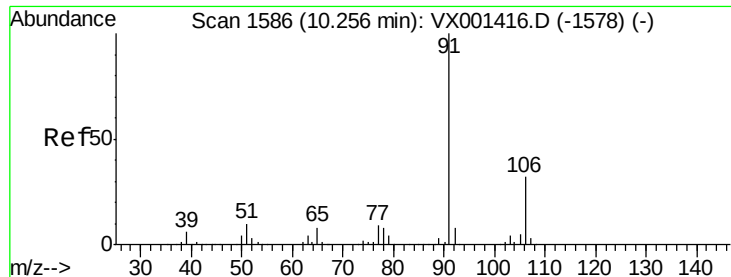
Tgt Ion:112 Resp: 484719
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.44 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion:131 Resp: 179247
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 63.0 31.1 93.3

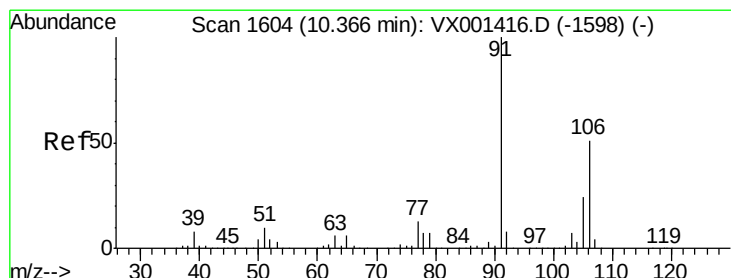
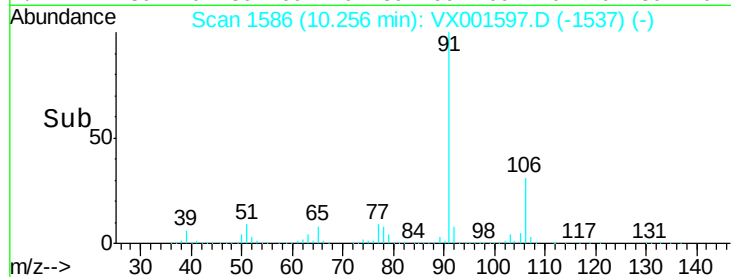
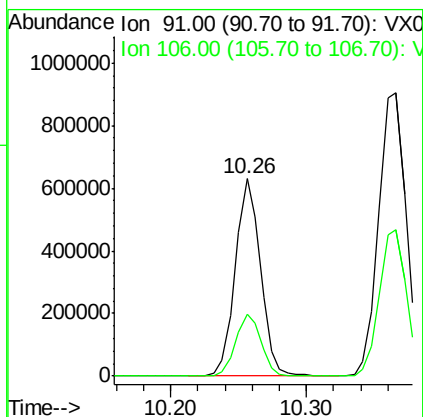
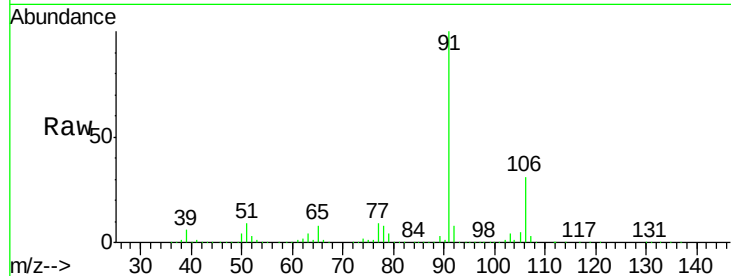




#67
 Ethyl Benzene
 Concen: 50.03 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

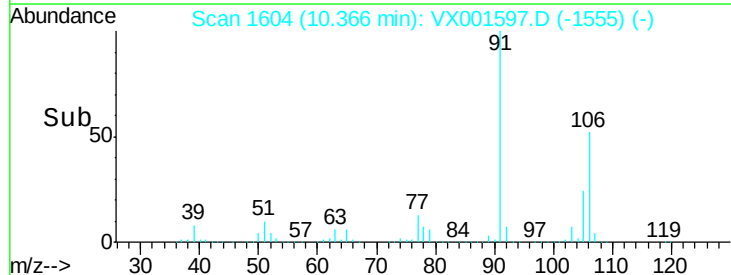
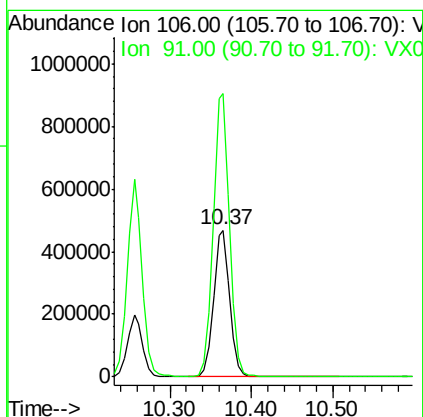
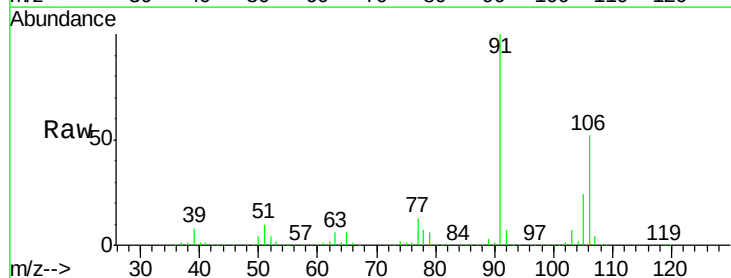
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

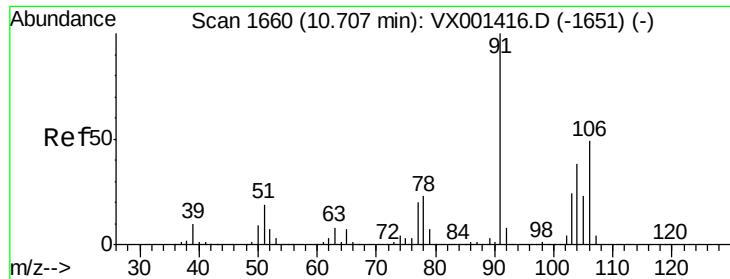
Tgt Ion: 91 Resp: 814714
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.5 38.3



#68
 m/p-Xylenes
 Concen: 101.73 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion: 106 Resp: 654502
 Ion Ratio Lower Upper
 106 100
 91 196.2 157.5 236.3

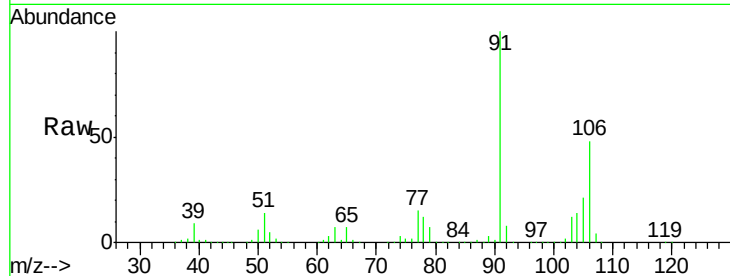




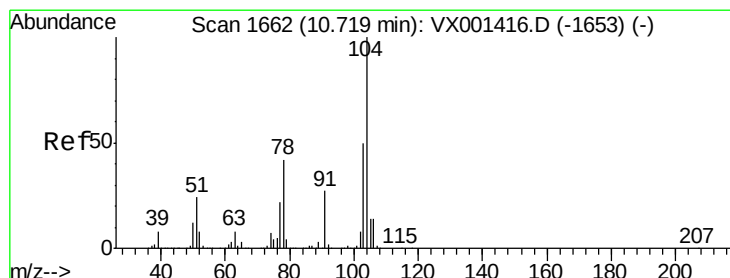
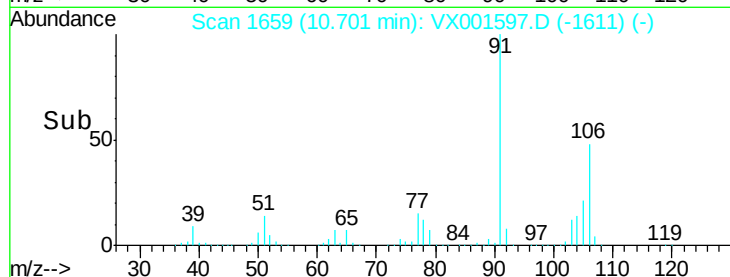
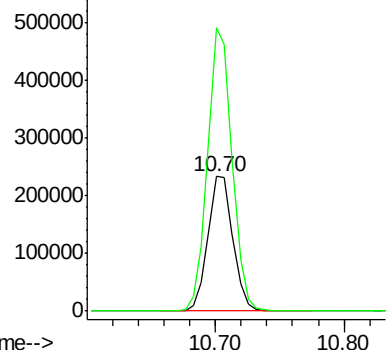
#69
o-Xylene
Concen: 50.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 317783
Ion Ratio Lower Upper
106 100
91 205.9 103.1 309.1

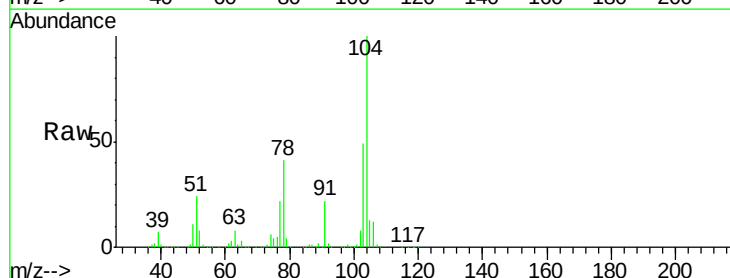


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

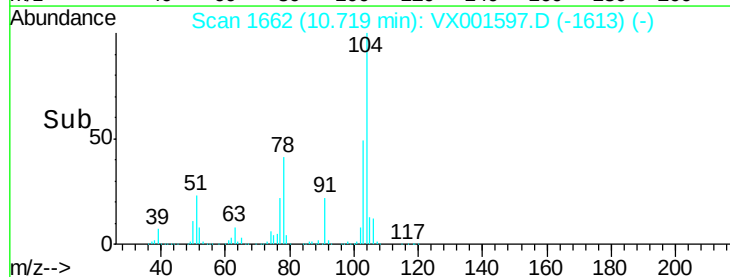
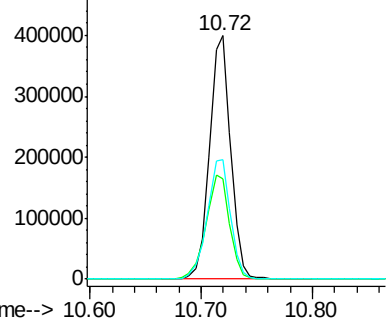


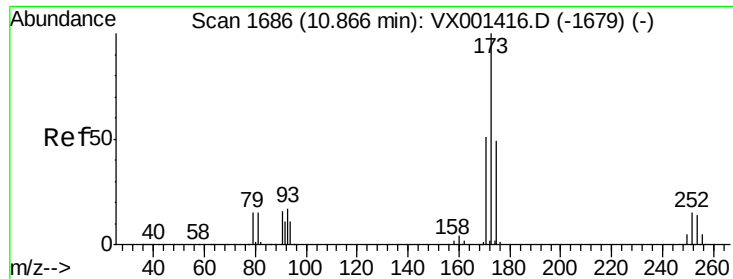
#70
Styrene
Concen: 51.52 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion:104 Resp: 523304
Ion Ratio Lower Upper
104 100
78 47.7 38.6 58.0
103 54.4 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 43.65 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

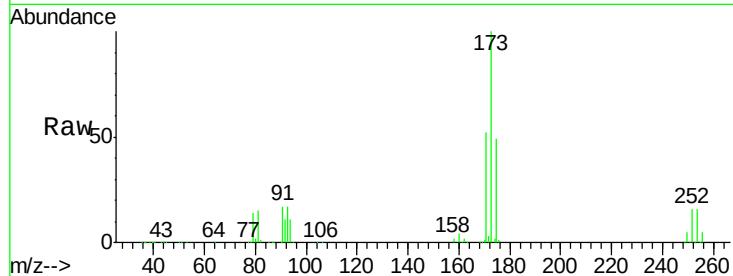
Tgt Ion:173 Resp: 147515

Ion Ratio Lower Upper

173 100

175 49.2 24.5 73.5

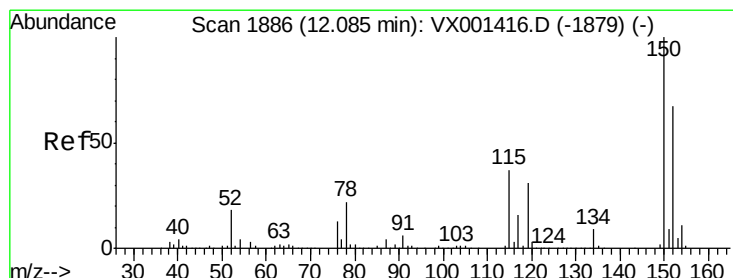
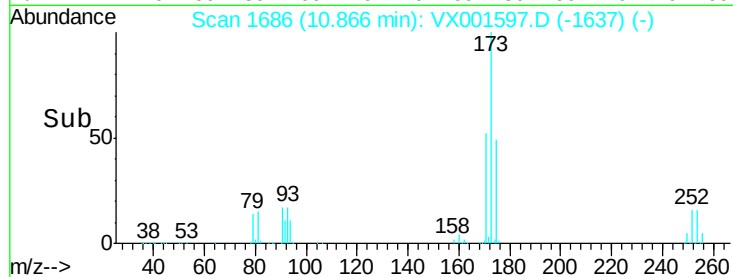
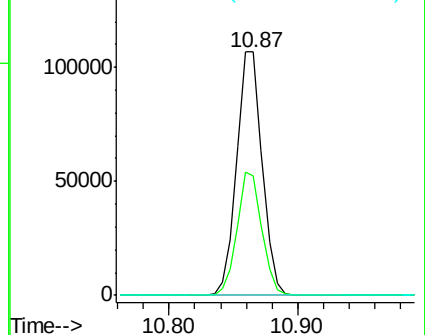
254 0.2 0.2 0.2#



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: VX001597.D

Acq: 10 May 2018 11:16

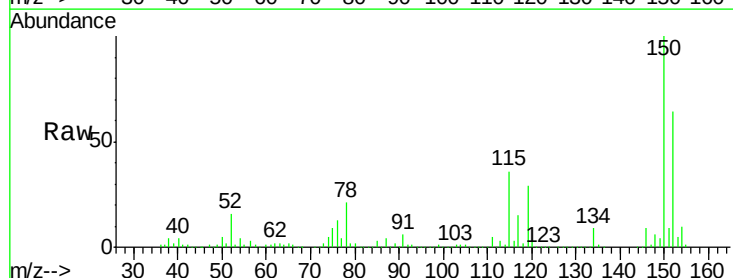
Tgt Ion:152 Resp: 251135

Ion Ratio Lower Upper

152 100

115 76.6 37.7 113.1

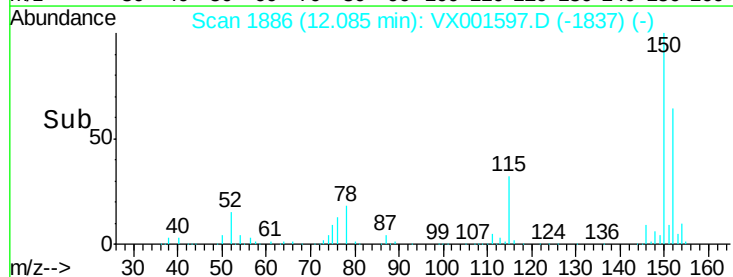
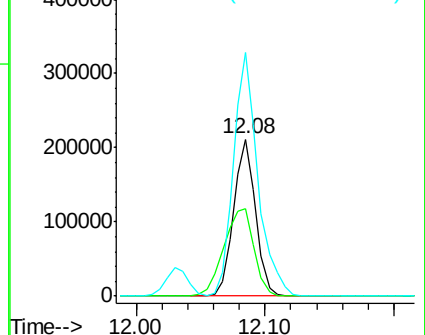
150 173.3 0.0 349.4

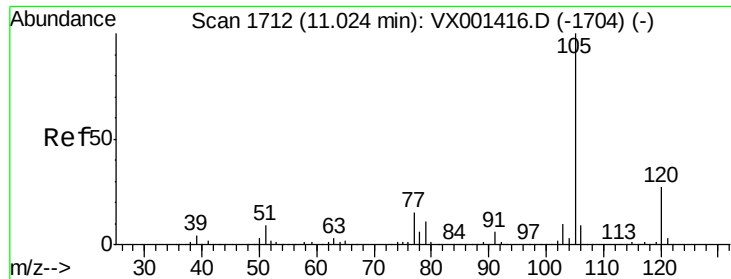


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

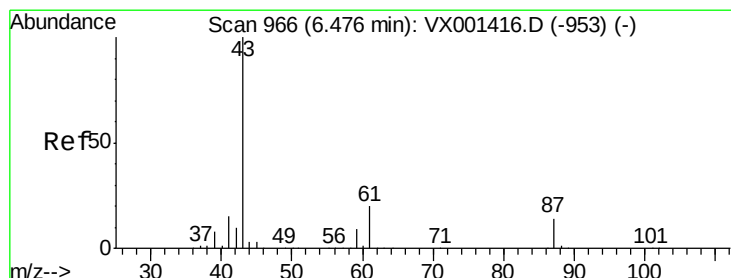
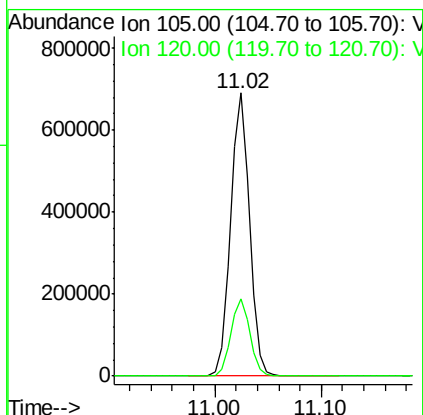
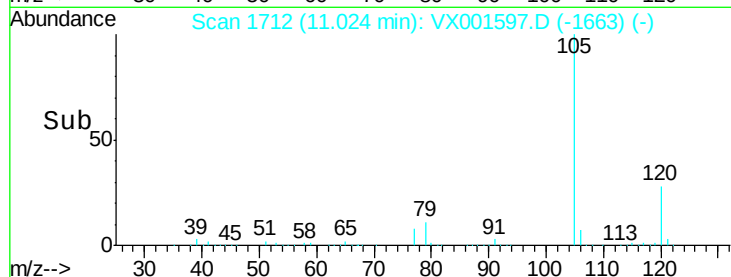
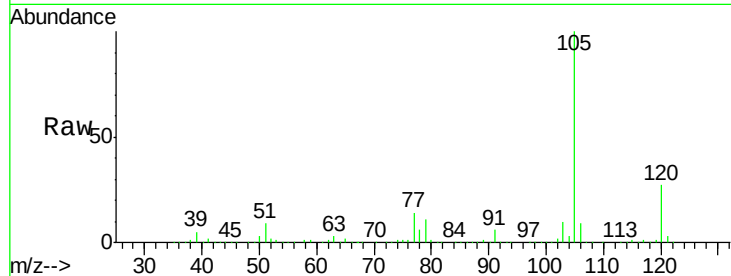




#73
Isopropylbenzene
Concen: 49.65 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

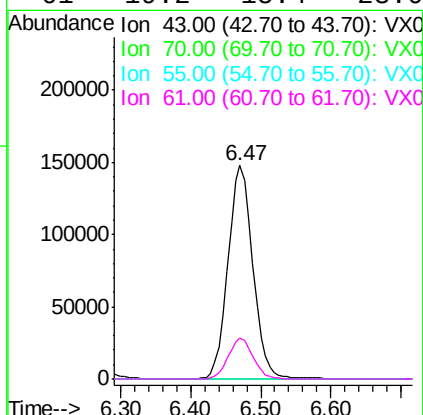
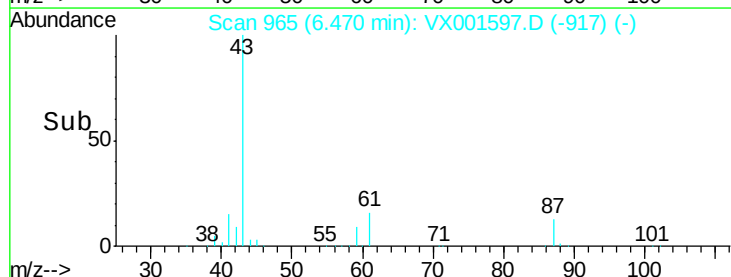
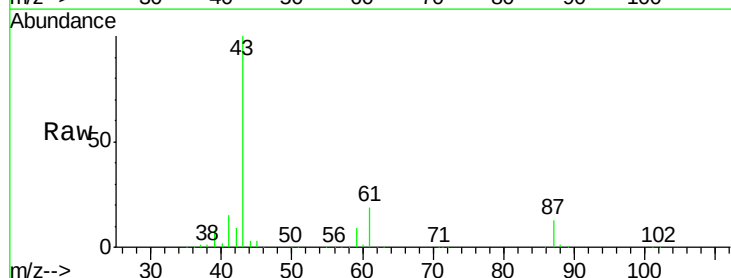
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

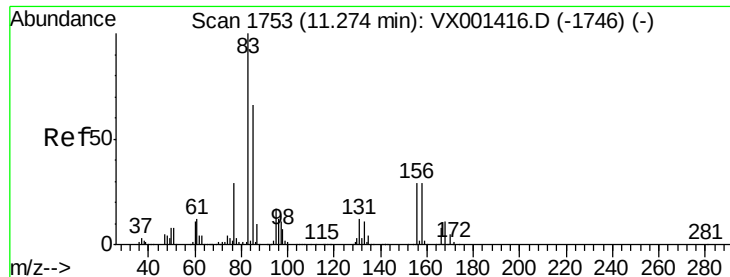
Tgt Ion: 105 Resp: 863256
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8



#74
N-ethyl acetate
Concen: 46.18 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 43 Resp: 364660
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1#
61 19.2 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

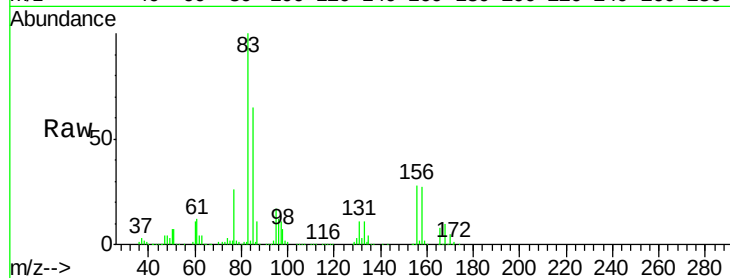
Tgt Ion: 83 Resp: 240039

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

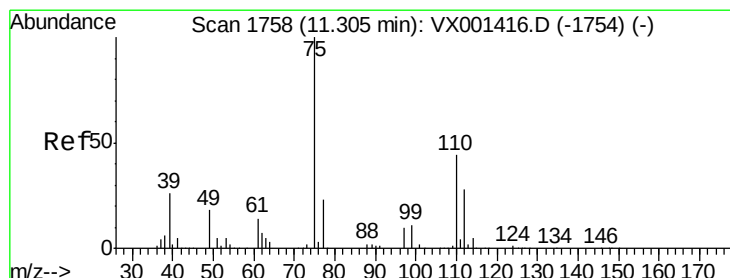
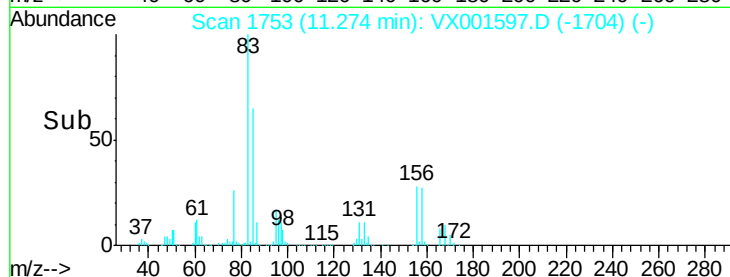
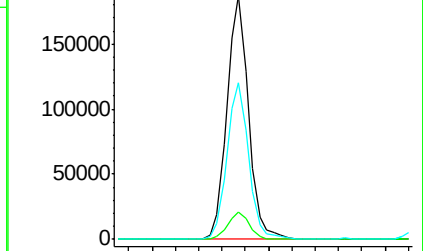
85 64.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX001597.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX001597.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX001597.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 56.76 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001597.D

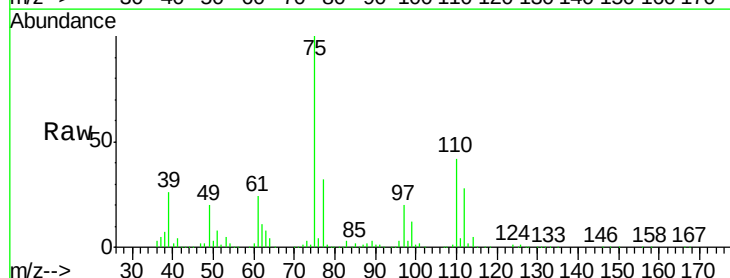
Acq: 10 May 2018 11:16

Tgt Ion: 75 Resp: 289110

Ion Ratio Lower Upper

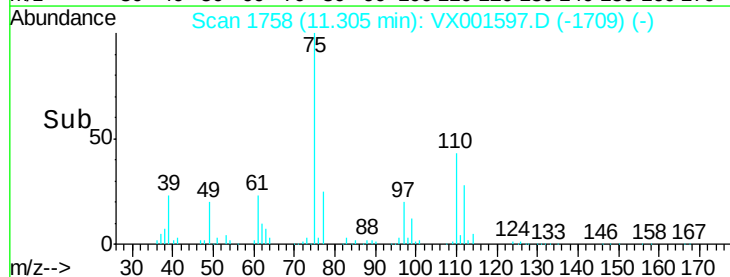
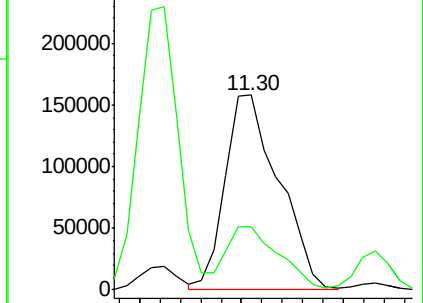
75 100

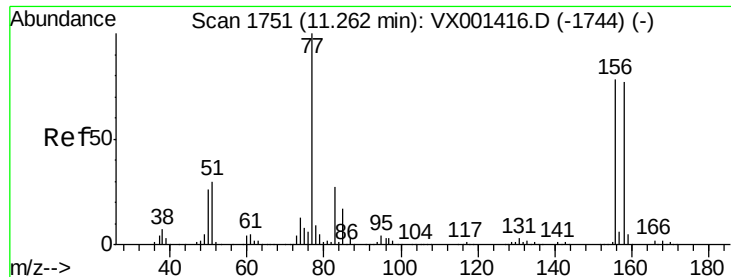
77 31.2 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX001597.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX001597.D (-1709) (-)





#77

Bromobenzene

Concen: 47.38 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

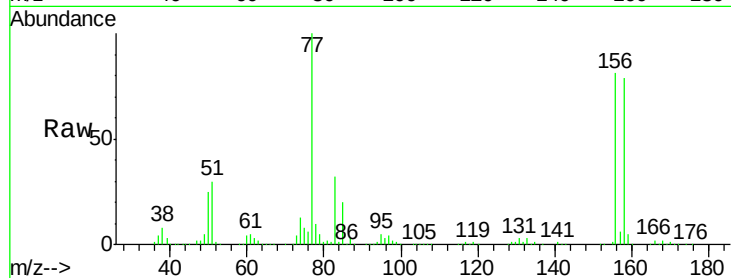
Tgt Ion:156 Resp: 239466

Ion Ratio Lower Upper

156 100

77 131.5 66.0 198.2

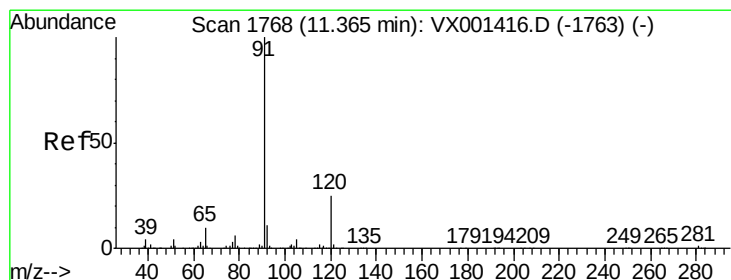
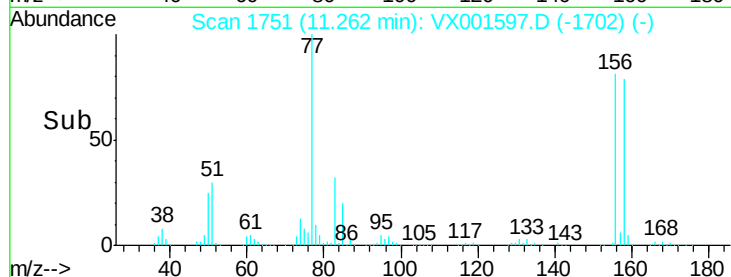
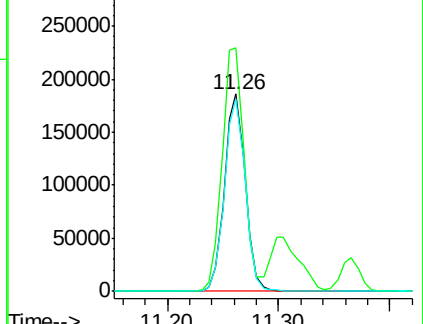
158 97.6 49.4 148.2



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: 51.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001597.D

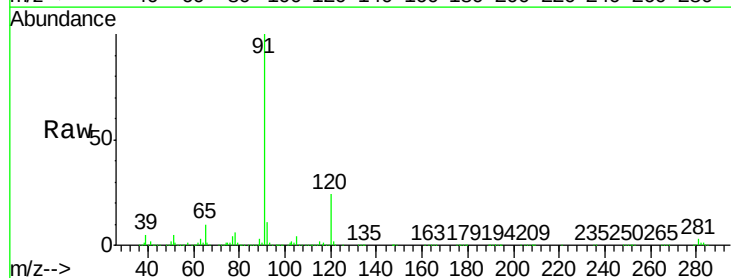
Acq: 10 May 2018 11:16

Tgt Ion: 91 Resp: 979350

Ion Ratio Lower Upper

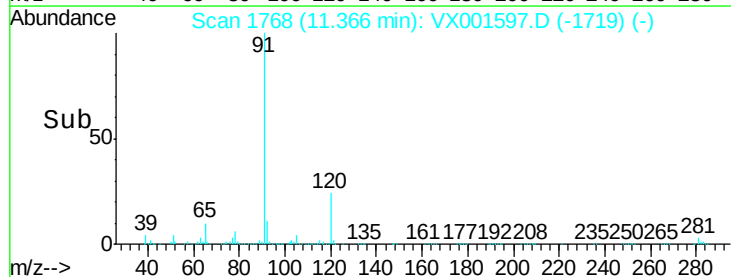
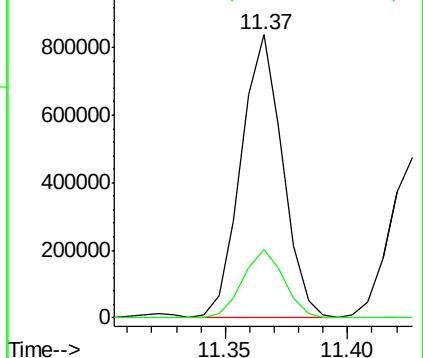
91 100

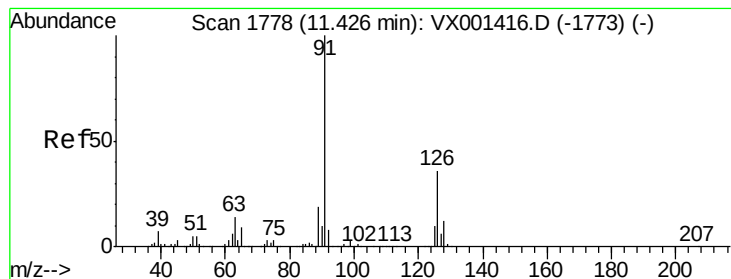
120 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

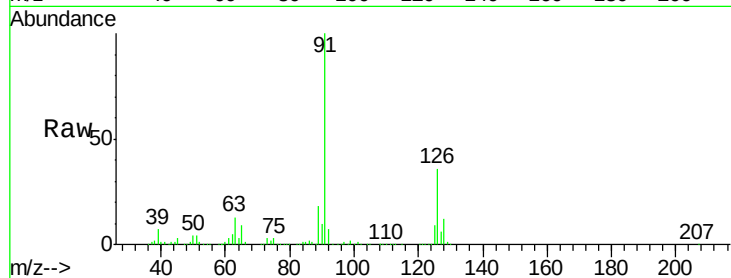
VSTDCCC050

Tgt Ion: 91 Resp: 571664

Ion Ratio Lower Upper

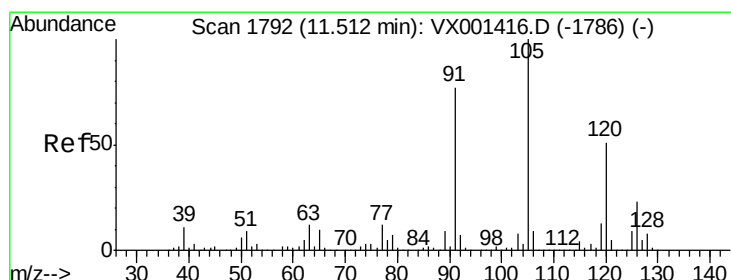
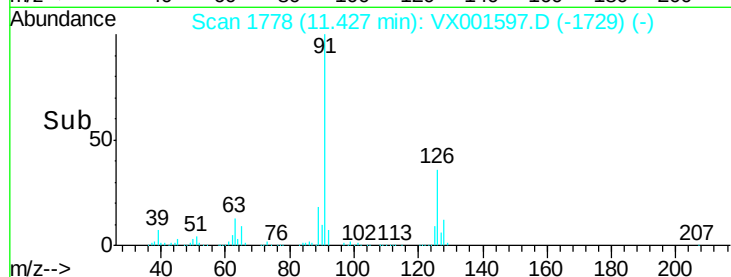
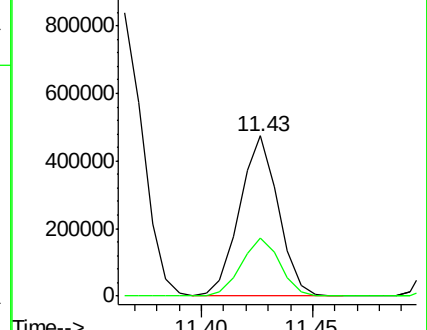
91 100

126 36.8 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX001597.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX001597.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001597.D

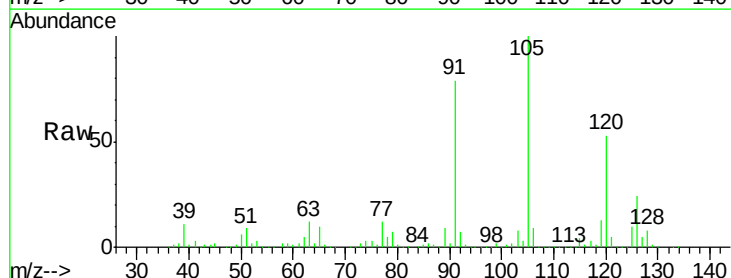
Acq: 10 May 2018 11:16

Tgt Ion: 105 Resp: 726340

Ion Ratio Lower Upper

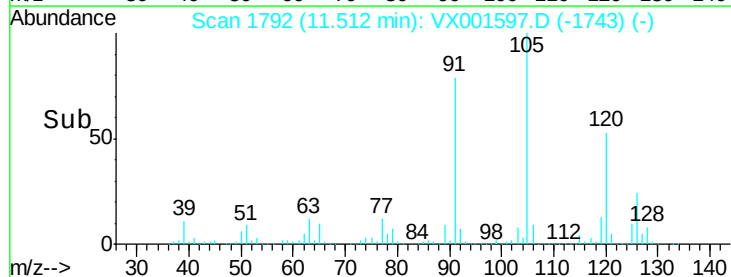
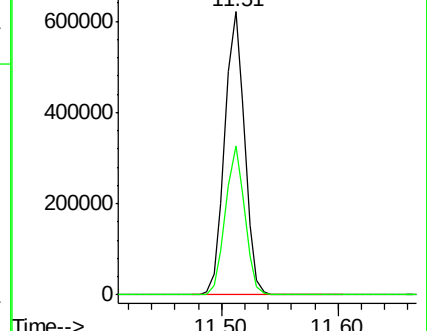
105 100

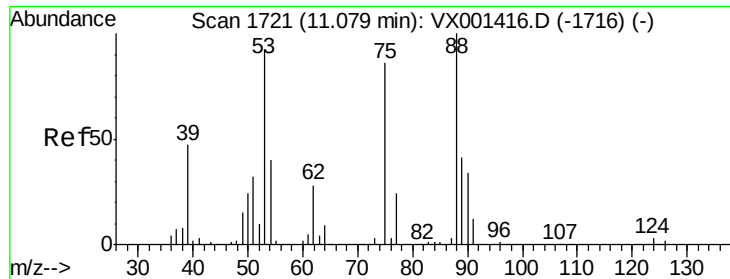
120 51.5 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001597.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX001597.D (-1743) (-)

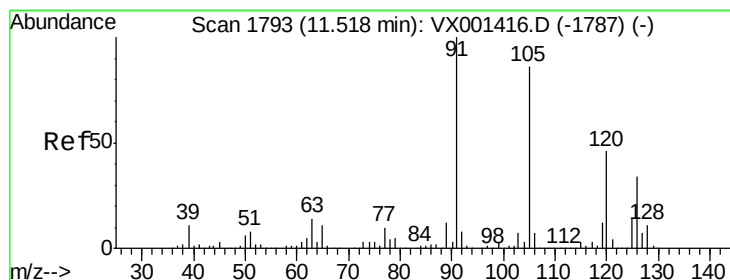
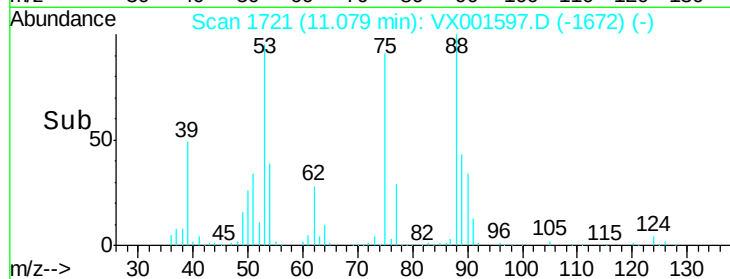
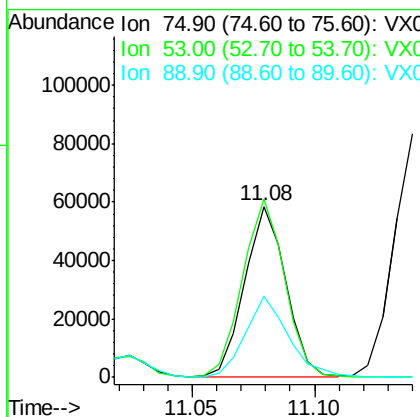
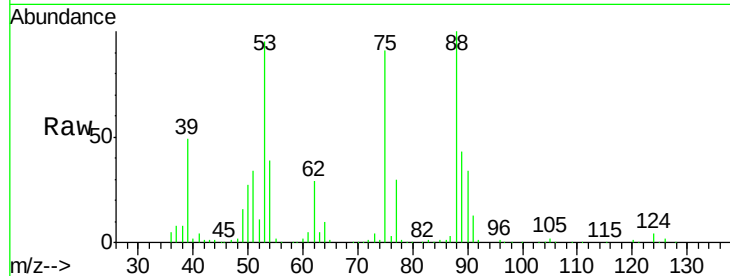




#81
trans-1,4-Dichloro-2-butene
Concen: 43.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

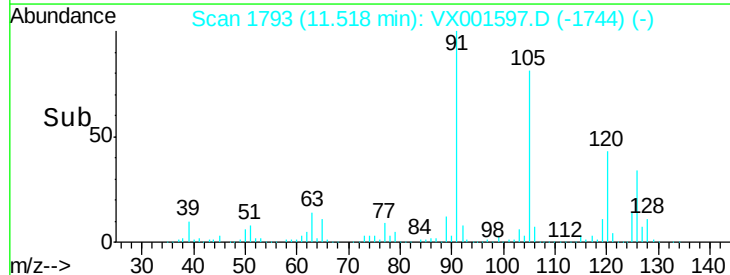
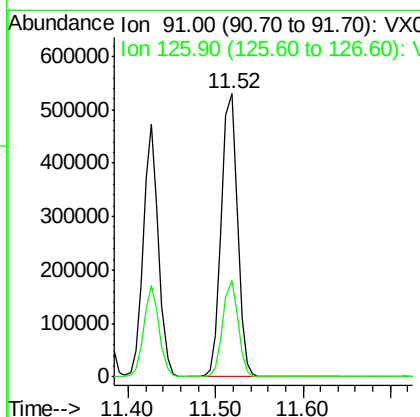
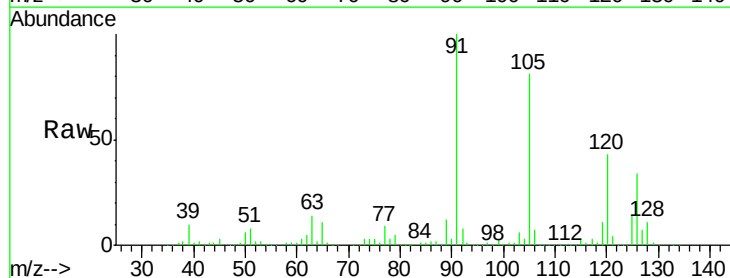
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

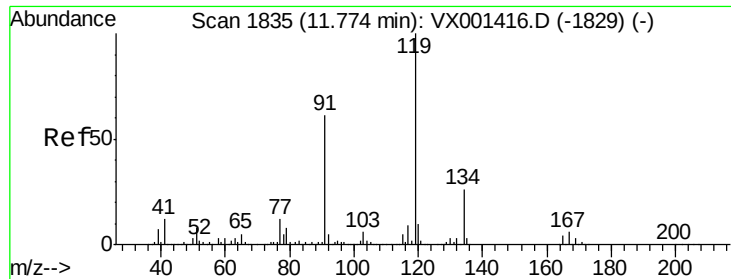
Tgt Ion: 75 Resp: 68649
Ion Ratio Lower Upper
75 100
53 108.1 84.5 126.7
89 50.3 39.5 59.3



#82
4-Chlorotoluene
Concen: 50.06 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001597.D
Acq: 10 May 2018 11:16

Tgt Ion: 91 Resp: 672804
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5

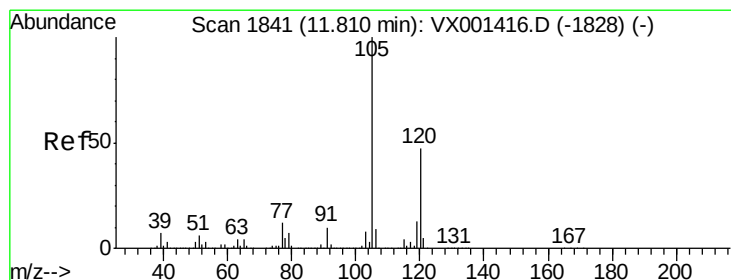
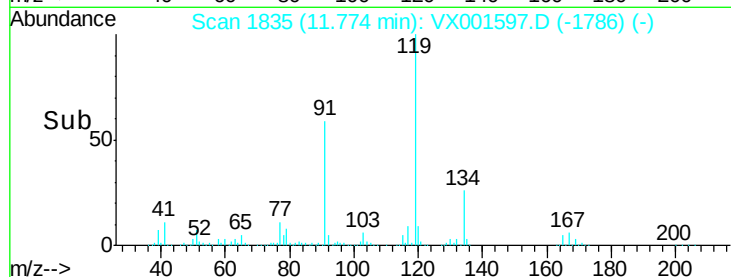
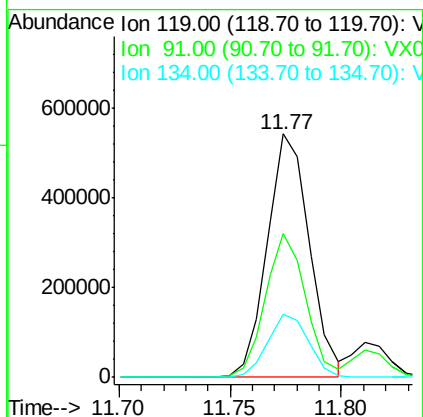
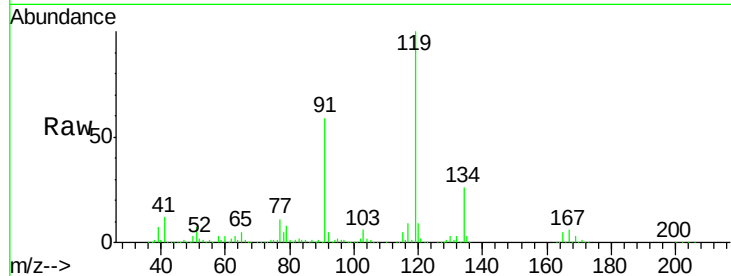




#83
 tert-Butylbenzene
 Concen: 49.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

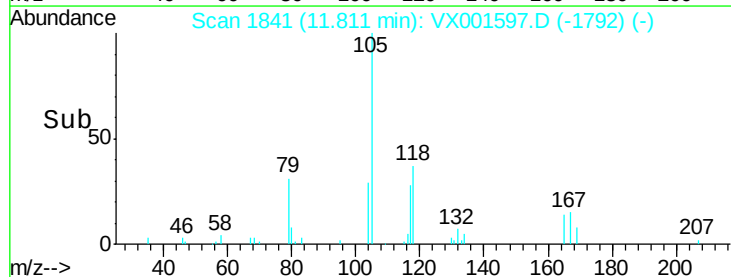
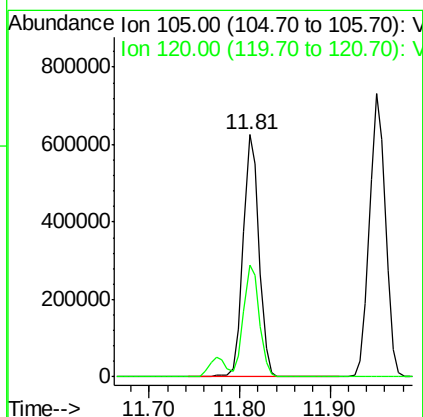
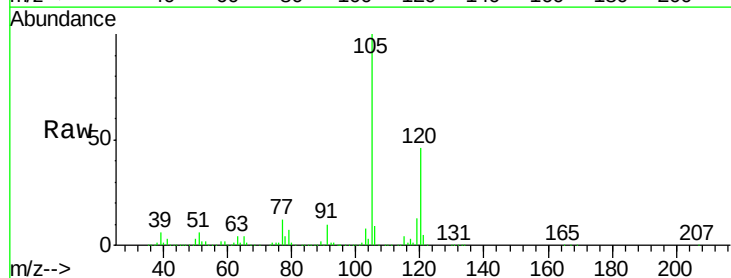
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

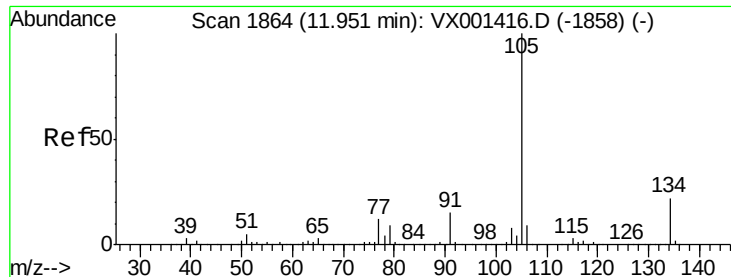
Tgt Ion:119 Resp: 712685
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.8 83.3
 134 25.2 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion:105 Resp: 755734
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 51.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

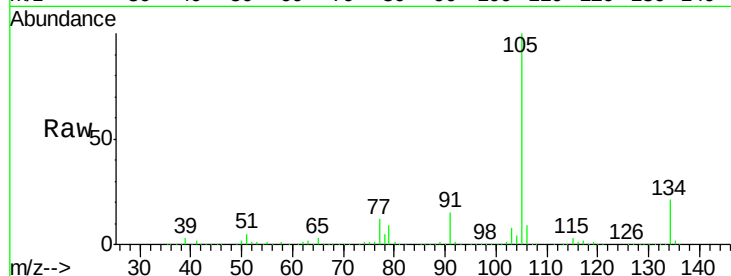
VSTDCCC050

Tgt Ion:105 Resp: 897658

Ion Ratio Lower Upper

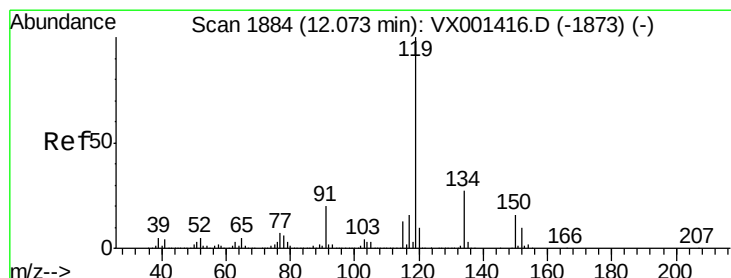
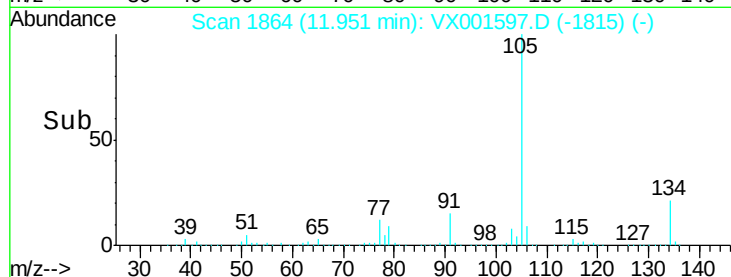
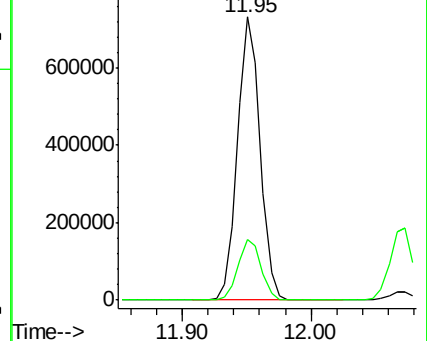
105 100

134 21.7 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

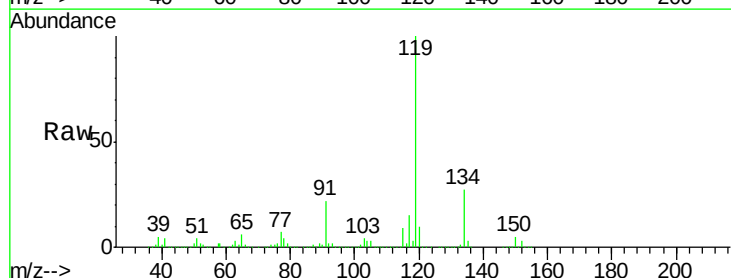
Tgt Ion:119 Resp: 828694

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

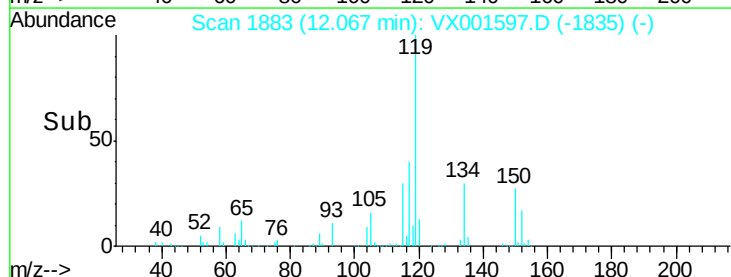
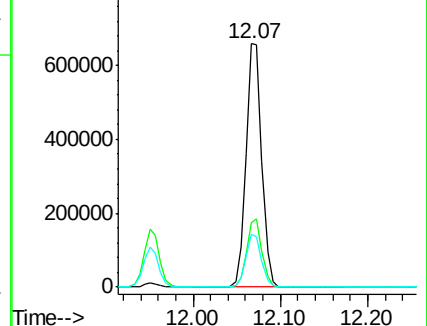
91 21.5 10.8 32.3

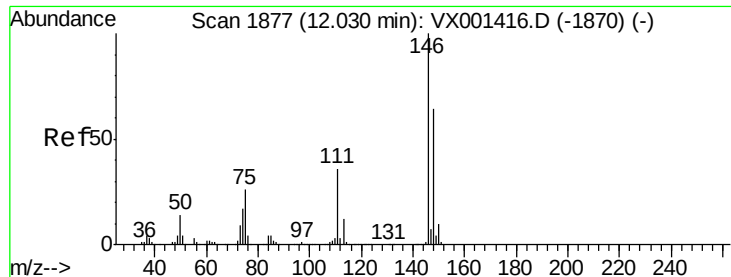


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

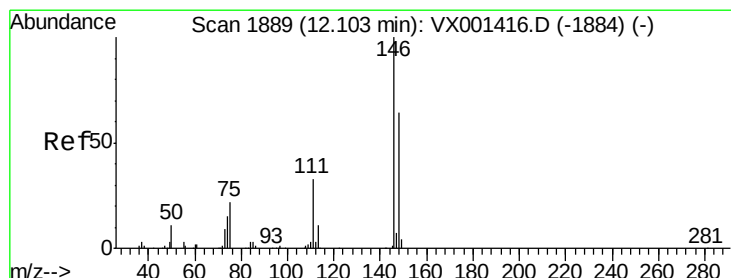
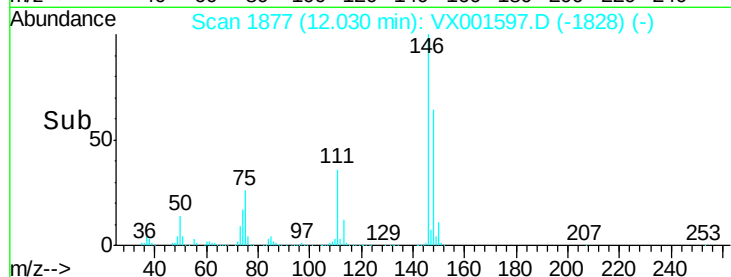
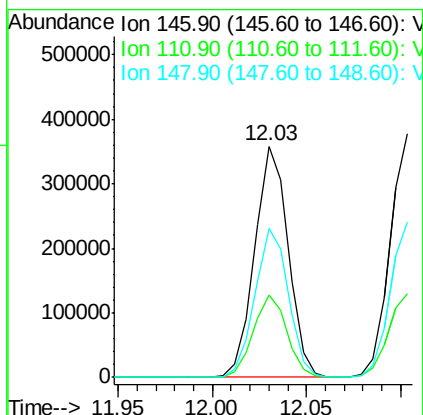
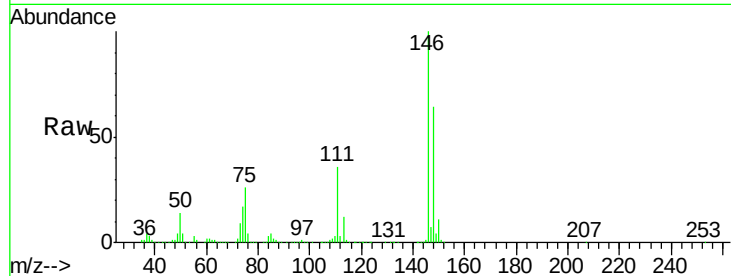




#87
 1,3-Dichlorobenzene
 Concen: 48.96 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

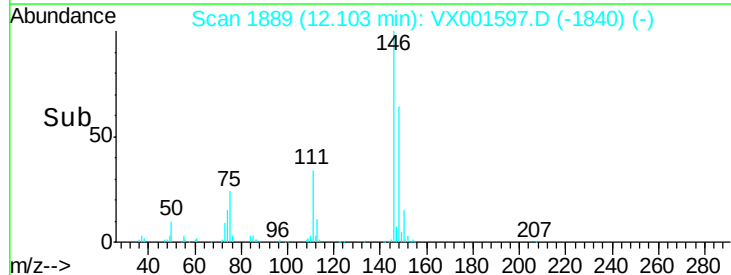
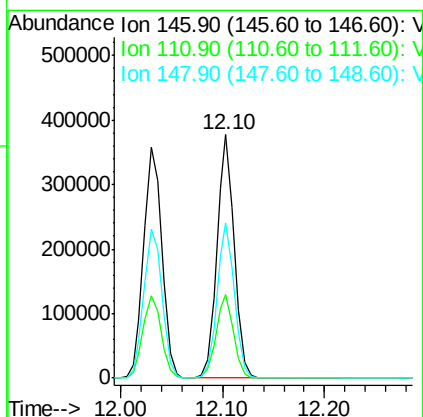
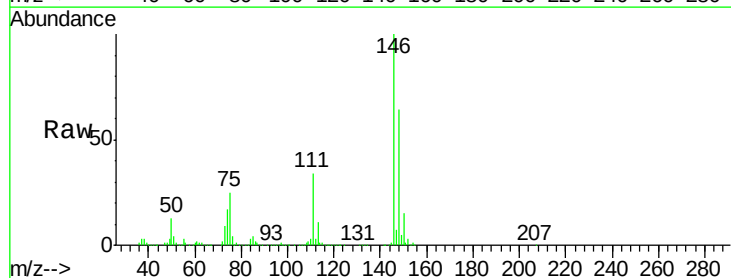
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

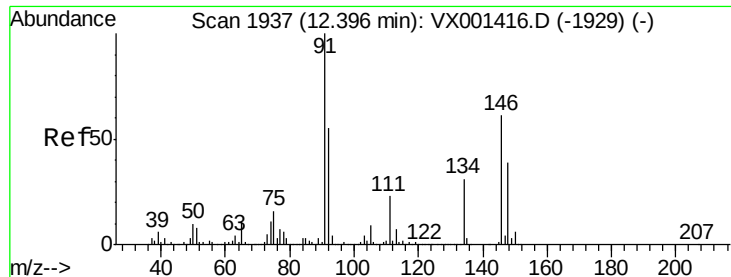
Tgt Ion:146 Resp: 442404
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.81 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion:146 Resp: 449835
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.4 52.3
 148 64.1 32.2 96.6





#89

n-Butylbenzene

Concen: 53.03 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

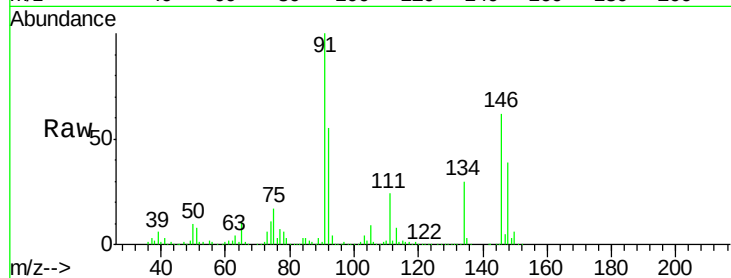
Tgt Ion: 91 Resp: 696767

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

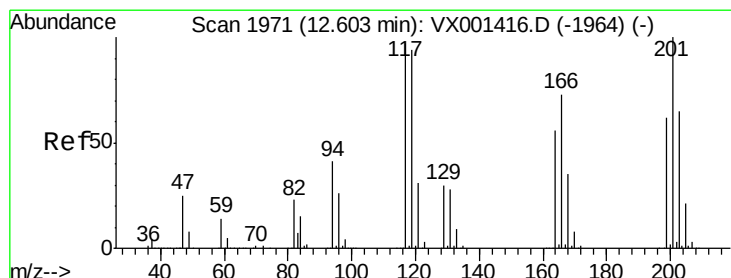
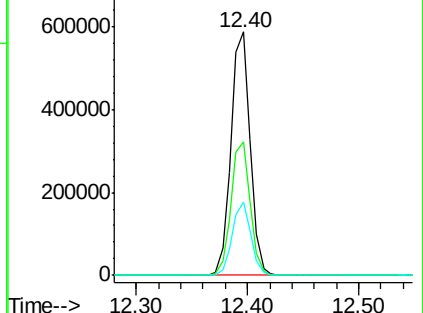
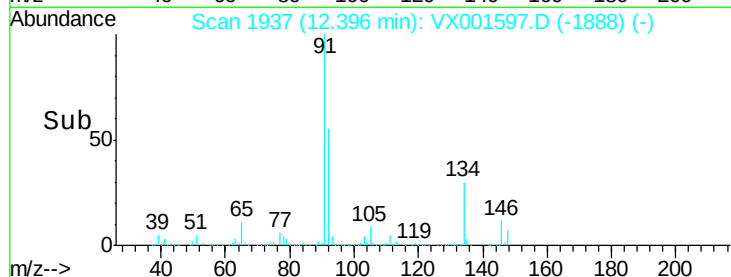
134 29.2 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX001597.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX001597.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX001597.D (-1888) (-)



#90

Hexachloroethane

Concen: 52.33 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001597.D

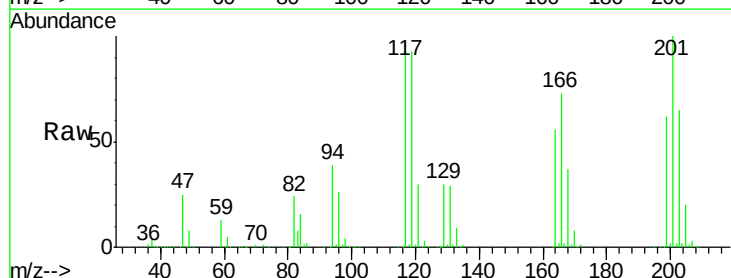
Acq: 10 May 2018 11:16

Tgt Ion: 117 Resp: 124951

Ion Ratio Lower Upper

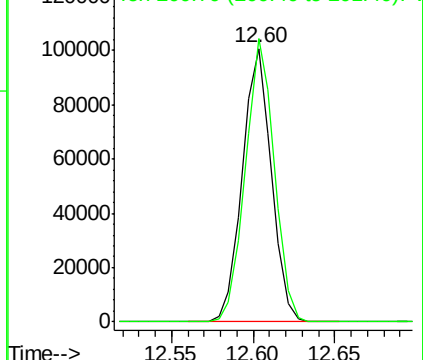
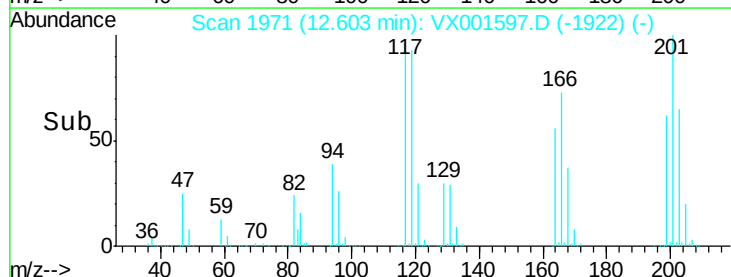
117 100

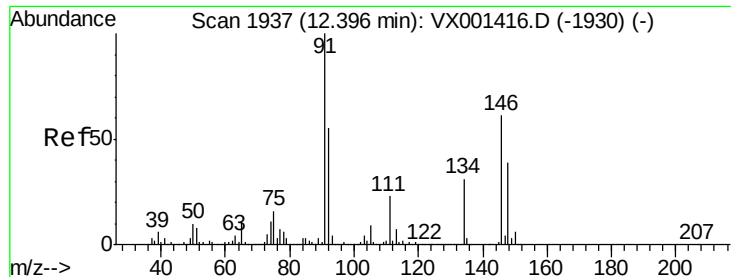
201 103.5 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): VX001597.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001597.D (-1922) (-)

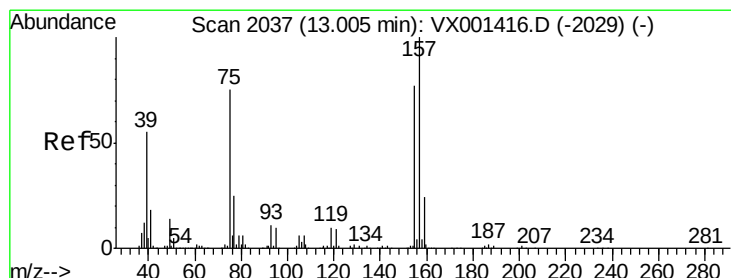
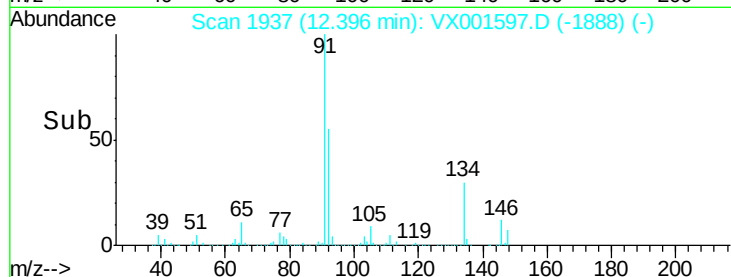
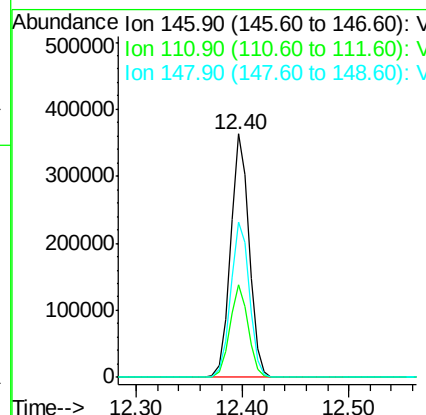
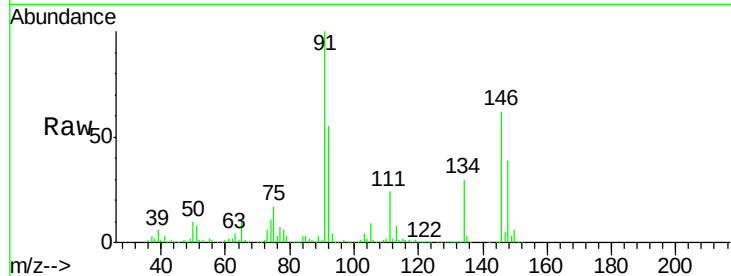




#91
 1,2-Dichlorobenzene
 Concen: 48.19 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

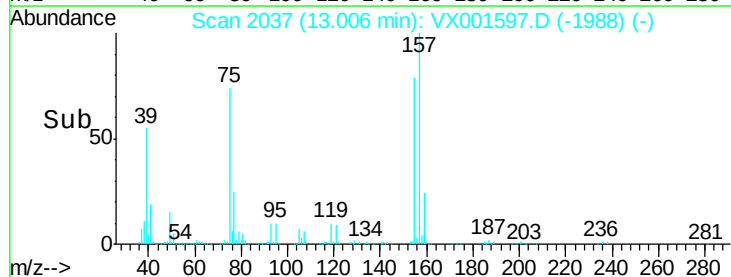
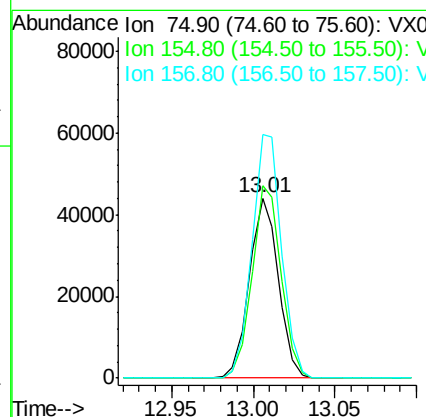
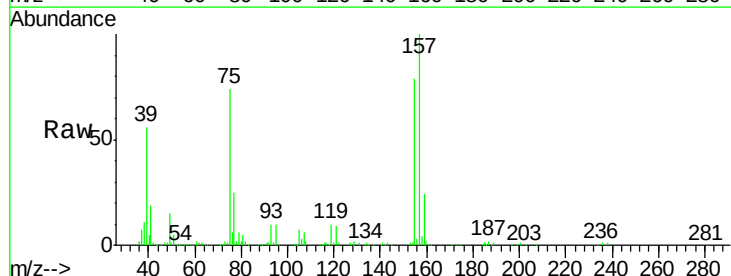
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

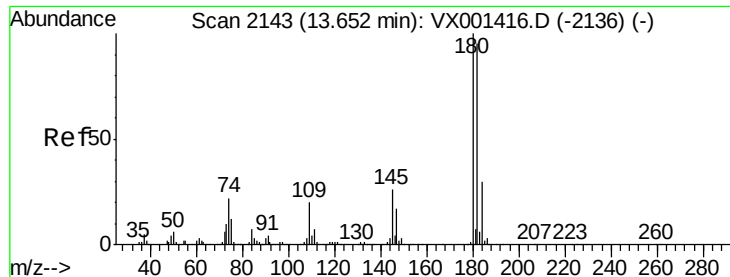
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.8	53.4	160.2
157	137.3	68.3	204.8

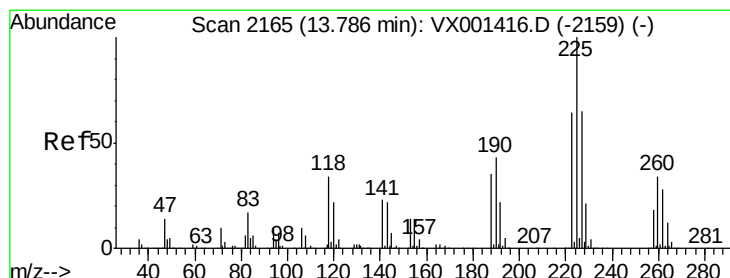
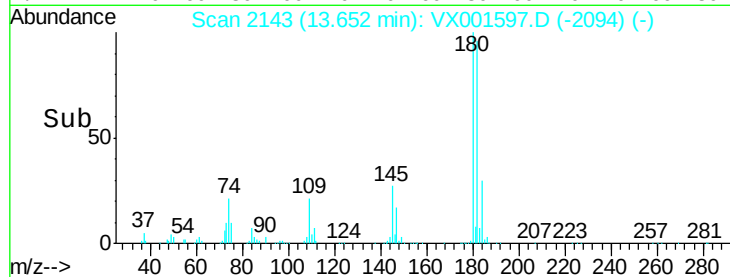
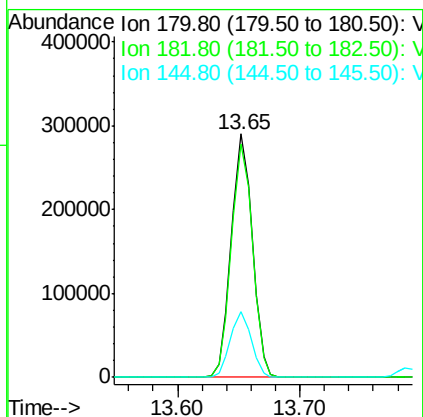
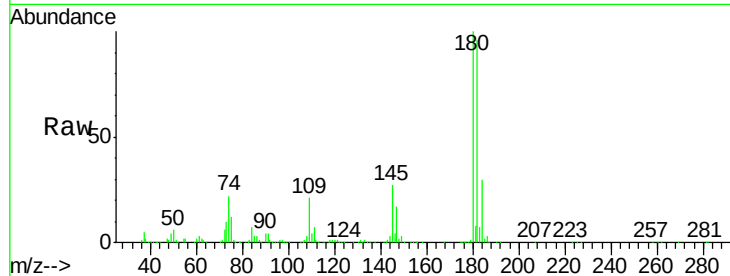




#93
 1,2,4-Trichlorobenzene
 Concen: 51.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

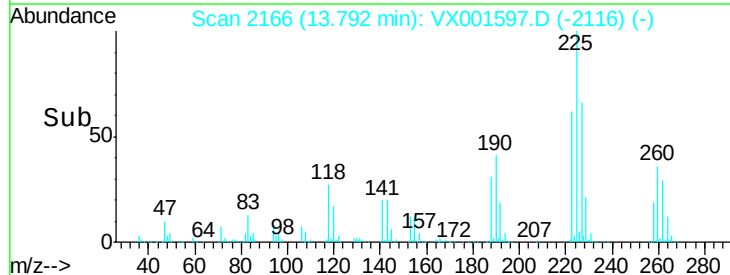
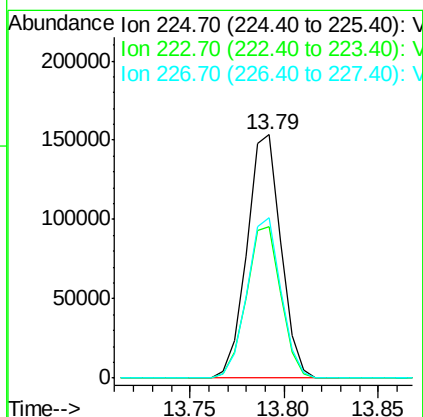
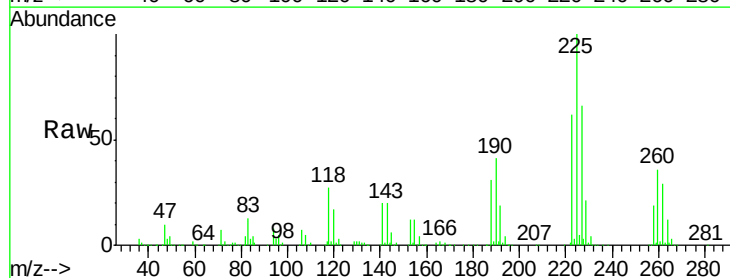
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

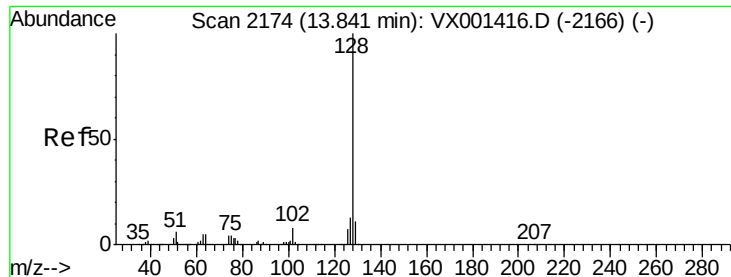
Tgt Ion:180 Resp: 344497
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.4
 145 27.0 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 52.24 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001597.D
 Acq: 10 May 2018 11:16

Tgt Ion:225 Resp: 192290
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.9
 227 65.5 32.4 97.2





#95

Naphthalene

Concen: 50.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

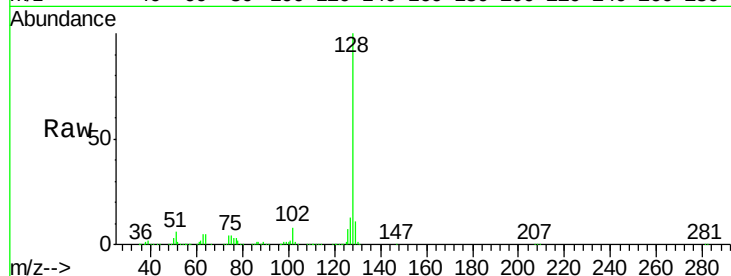
Tgt Ion:128 Resp: 937451

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

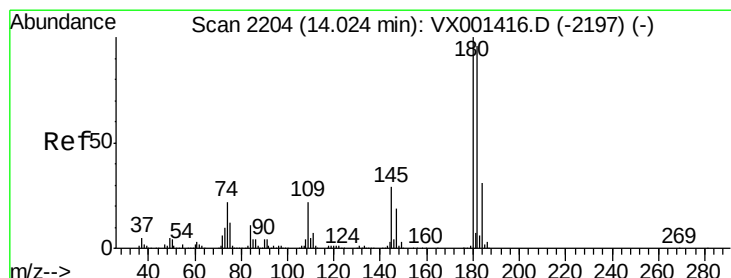
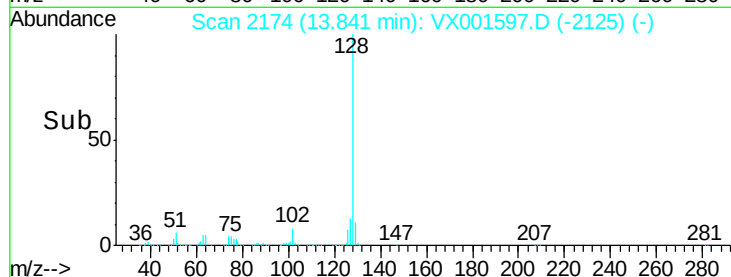
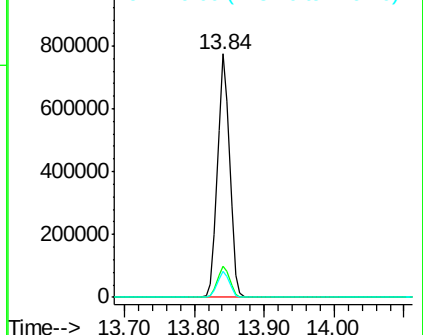
129 10.8 8.7 13.1



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: 50.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

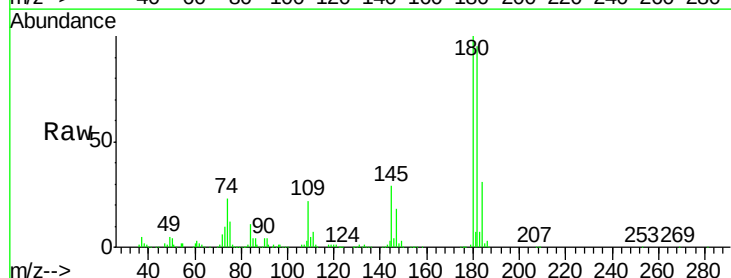
Tgt Ion:180 Resp: 349377

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 28.8 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

