

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001480.D
 Acq On : 07 May 2018 22:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 06:11:45 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	246831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179840	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	147241	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.72	98	533978	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	202757	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	171017	51.47	ug/l	99
3) Chloromethane	1.32	50	163550	50.54	ug/l	100
4) Vinyl Chloride	1.40	62	170510	50.49	ug/l	99
5) Bromomethane	1.64	94	86938	56.70	ug/l	99
6) Chloroethane	1.71	64	114544	51.31	ug/l	98
7) Trichlorofluoromethane	1.92	101	262172	51.58	ug/l	99
8) Diethyl Ether	2.19	74	105844	53.13	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	148672	49.89	ug/l	99
10) Methyl Iodide	2.51	142	227867	53.00	ug/l	100
11) Tert butyl alcohol	3.09	59	201197	268.98	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141441	51.79	ug/l	98
13) Acrolein	2.30	56	41311	281.64	ug/l	95
14) Allyl chloride	2.73	41	266547	52.34	ug/l	99
15) Acrylonitrile	3.15	53	453342	268.21	ug/l	99
16) Acetone	2.45	43	402061	249.58	ug/l	100
17) Carbon Disulfide	2.57	76	351025	50.50	ug/l	100
18) Methyl Acetate	2.78	43	235802	55.71	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	509363	53.56	ug/l	99
20) Methylene Chloride	2.85	84	163124	51.14	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	153491	50.36	ug/l	96
22) Diisopropyl ether	3.88	45	505384	53.12	ug/l	99
23) Vinyl Acetate	3.83	43	2136223	269.40	ug/l	100
24) 1,1-Dichloroethane	3.70	63	262034	49.30	ug/l	99
25) 2-Butanone	4.72	43	615263	264.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	181861	44.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	168060	51.77	ug/l	97
28) Bromochloromethane	5.03	49	125039	54.26	ug/l	99
29) Tetrahydrofuran	5.17	42	400033	268.49	ug/l	100
30) Chloroform	5.22	83	294427	53.78	ug/l	96
31) Cyclohexane	5.57	56	231667	50.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	260020	54.34	ug/l	99
36) 1,1-Dichloropropene	5.80	75	208264	50.76	ug/l	99
37) Ethyl Acetate	4.87	43	239363	53.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	232370	53.11	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241138	49.71	ug/l	99
40) Benzene	6.15	78	634329	52.93	ug/l	100
41) Methacrylonitrile	5.07	41	135854	52.80	ug/l	99
42) 1,2-Dichloroethane	6.21	62	247069	53.64	ug/l	100
43) Isopropyl Acetate	6.48	43	377309	54.65	ug/l	99
44) Trichloroethene	7.22	130	189414	51.71	ug/l	99
45) 1,2-Dichloropropane	7.52	63	160032	53.57	ug/l	97
46) Dibromomethane	7.67	93	112456	53.17	ug/l	99
47) Bromodichloromethane	7.90	83	216238	55.25	ug/l	100
48) Methyl methacrylate	7.79	41	202585	53.89	ug/l	98
49) 1,4-Dioxane	7.76	88	88966	1095.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1287460	280.63	ug/l	100
52) Toluene	8.79	92	418263	53.38	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	246390	55.70	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	228889	50.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	170740	54.09	ug/l	99
56) Ethyl methacrylate	9.19	69	253606	55.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	282165	54.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	618820	277.26	ug/l	99
59) 2-Hexanone	9.51	43	985615	280.56	ug/l	99
60) Dibromochloromethane	9.59	129	184181	56.97	ug/l	99
61) 1,2-Dibromoethane	9.68	107	181207	54.67	ug/l	100
64) Tetrachloroethene	9.34	164	230800	52.99	ug/l	99
65) Chlorobenzene	10.15	112	476352	51.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	180193	54.97	ug/l	100
67) Ethyl Benzene	10.26	91	780010	51.93	ug/l	99
68) m/p-Xylenes	10.37	106	631014	106.32	ug/l	100
69) o-Xylene	10.71	106	306104	53.07	ug/l	98
70) Styrene	10.72	104	512685	54.71	ug/l	100
71) Bromoform	10.86	173	151564	48.21	ug/l	100
73) Isopropylbenzene	11.02	105	826851	52.39	ug/l	100
74) N-amyl acetate	6.48	43	377309	52.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	246122	52.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	288504	62.39	ug/l	88
77) Bromobenzene	11.26	156	233909	50.97	ug/l	100
78) n-propylbenzene	11.37	91	914709	53.22	ug/l	99
79) 2-Chlorotoluene	11.43	91	546181	51.64	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	693540	52.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65094	45.32	ug/l	97
82) 4-Chlorotoluene	11.52	91	640951	52.53	ug/l	100
83) tert-Butylbenzene	11.77	119	672378	51.42	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	717692	53.14	ug/l	100
85) sec-Butylbenzene	11.95	105	834457	53.17	ug/l	99
86) p-Isopropyltoluene	12.07	119	772059	53.62	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	421429	51.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	428949	51.27	ug/l	100
89) n-Butylbenzene	12.40	91	624230	52.33	ug/l	100
90) Hexachloroethane	12.60	117	118356	54.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	432004	51.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58022	56.65	ug/l	100

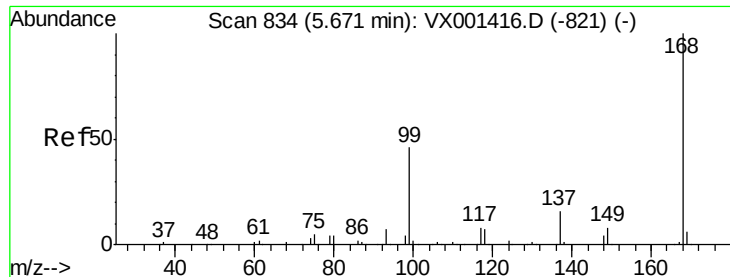
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320360	52.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	170175	50.93	ug/l	99
95) Naphthalene	13.84	128	935807	55.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	332255	53.02	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

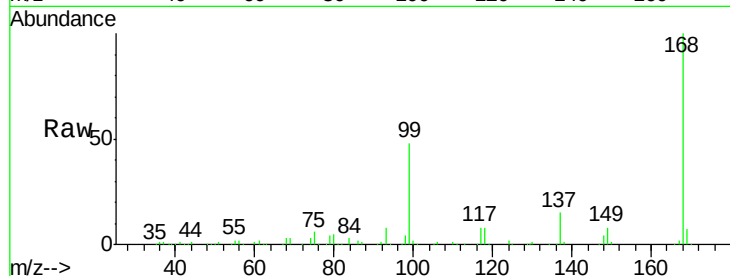
VSTDCCC050

Tgt Ion:168 Resp: 246831

Ion Ratio Lower Upper

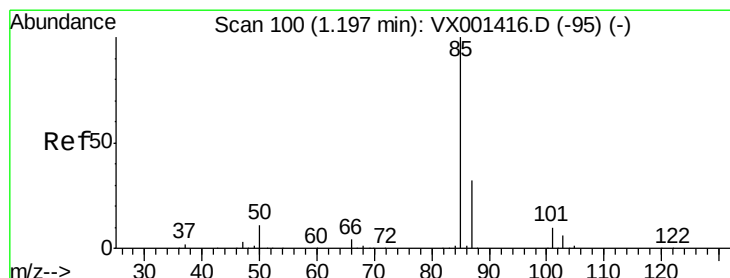
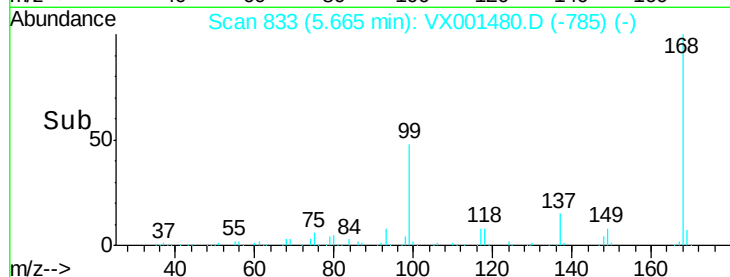
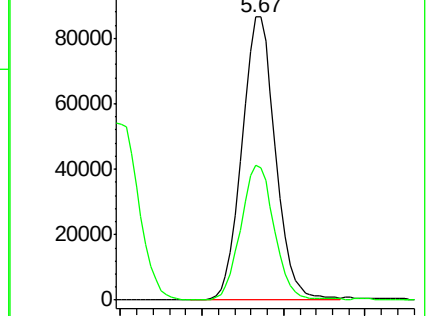
168 100

99 47.4 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: 51.47 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001480.D

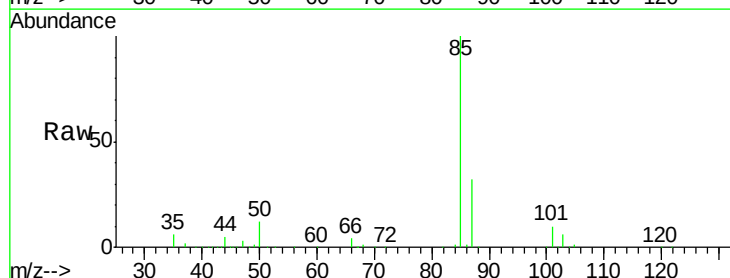
Acq: 07 May 2018 22:00

Tgt Ion: 85 Resp: 171017

Ion Ratio Lower Upper

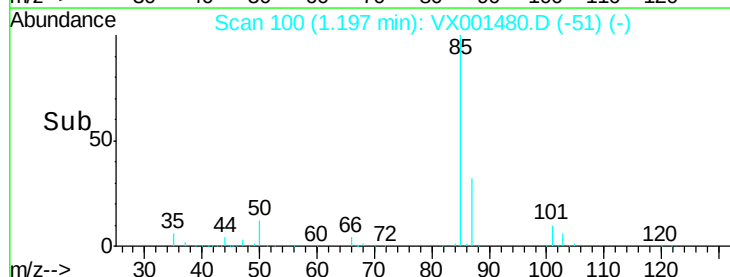
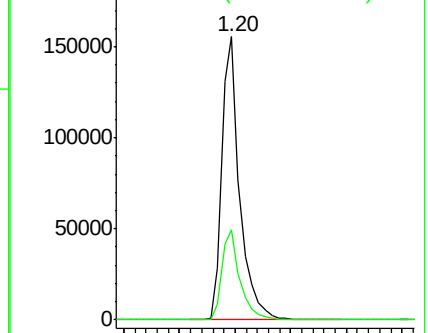
85 100

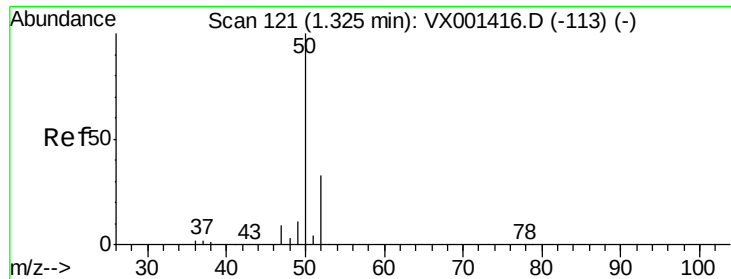
87 31.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

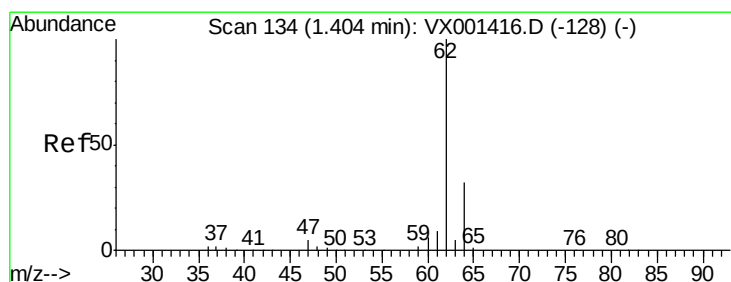
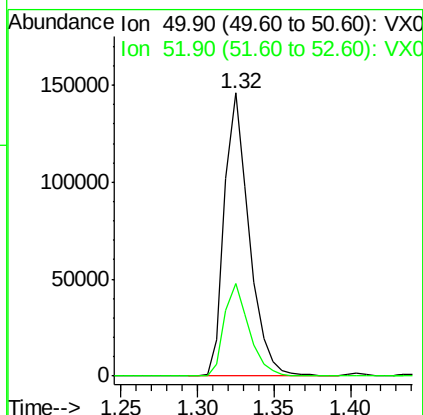
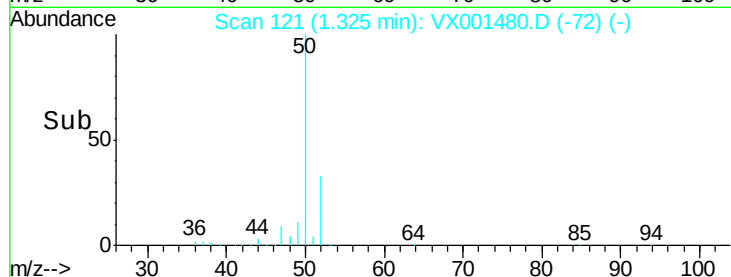
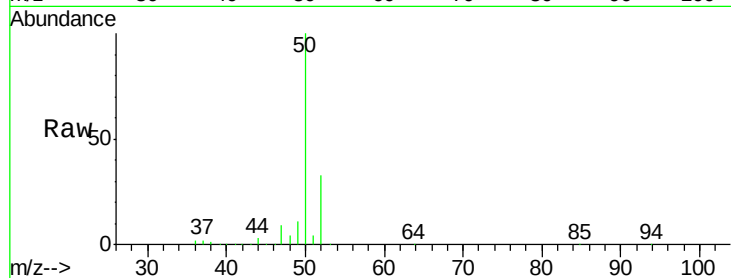




#3
Chloromethane
Concen: 50.54 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

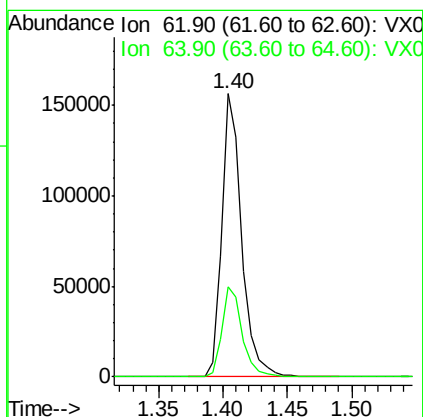
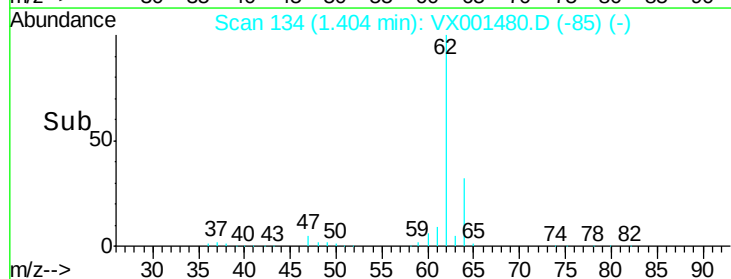
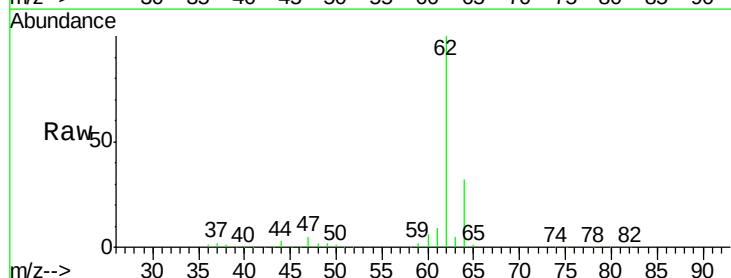
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

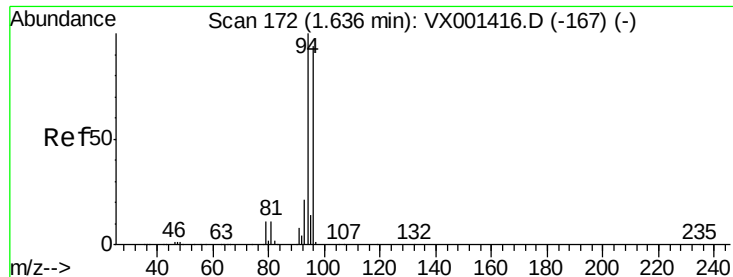
Tgt Ion: 50 Resp: 163550
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4



#4
Vinyl Chloride
Concen: 50.49 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 62 Resp: 170510
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5

Bromomethane

Concen: 56.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

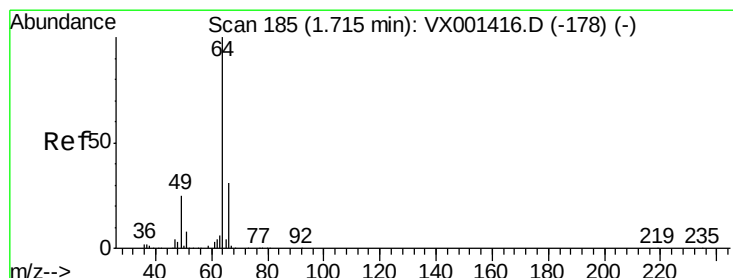
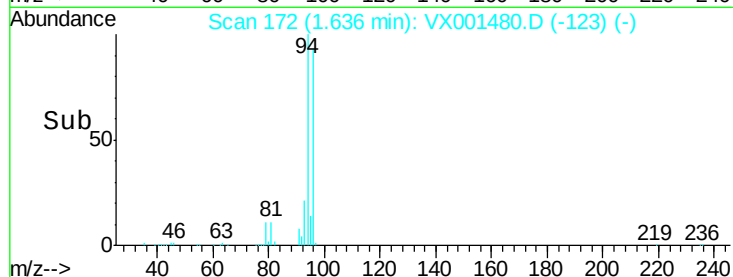
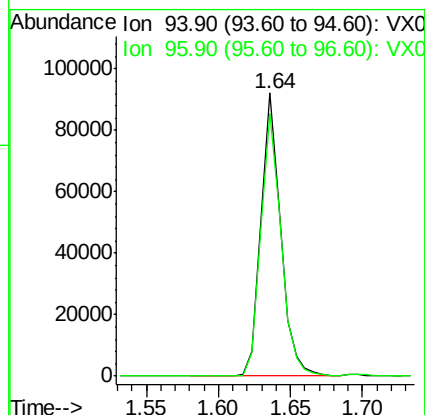
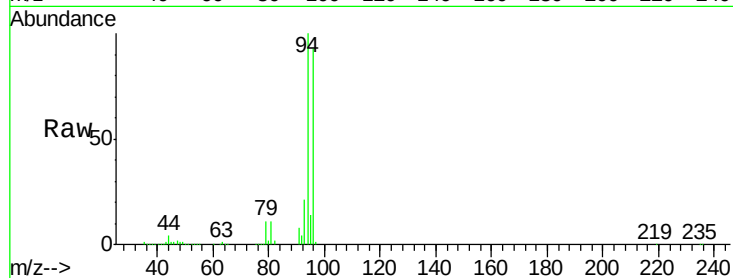
VSTDCCC050

Tgt Ion: 94 Resp: 86938

Ion Ratio Lower Upper

94 100

96 92.9 75.0 112.6



#6

Chloroethane

Concen: 51.31 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001480.D

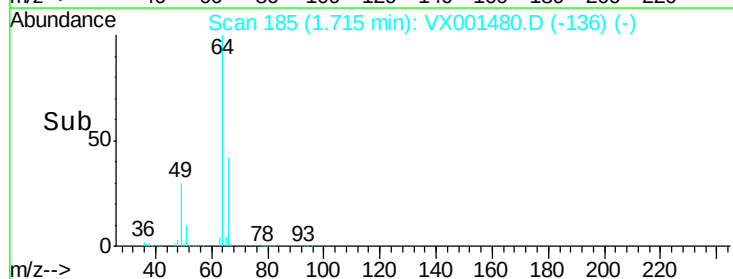
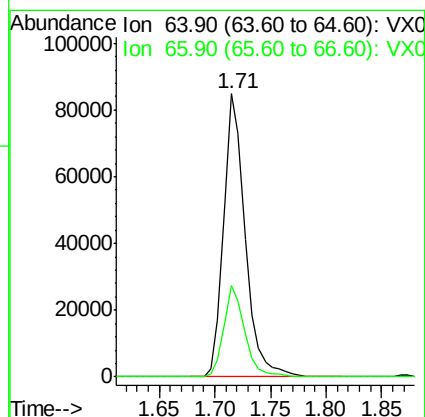
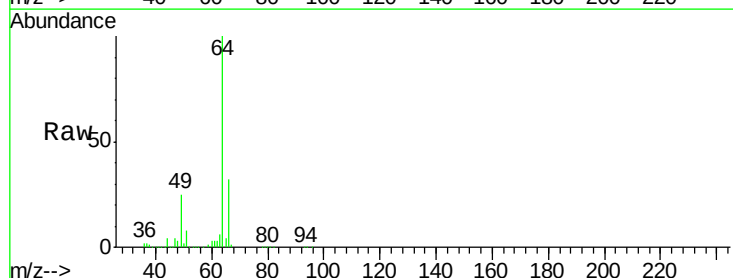
Acq: 07 May 2018 22:00

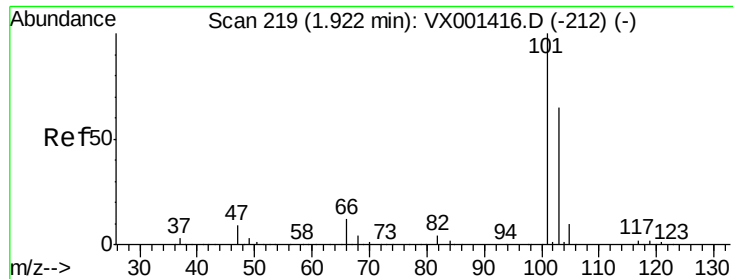
Tgt Ion: 64 Resp: 114544

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7





#7

Trichlorofluoromethane

Concen: 51.58 ug/l

RT: 1.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

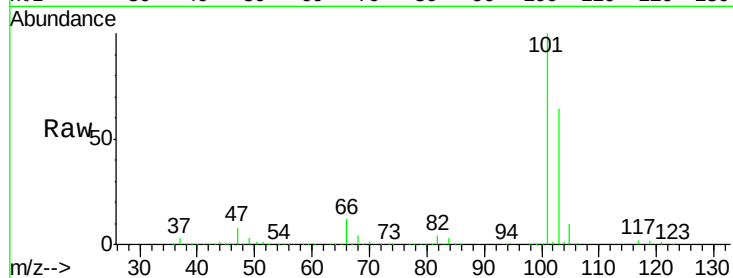
VSTDCCC050

Tgt Ion:101 Resp: 262172

Ion Ratio Lower Upper

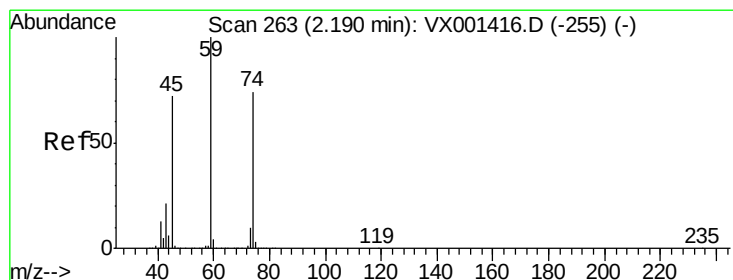
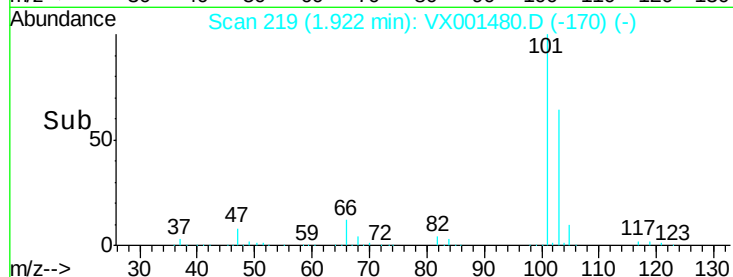
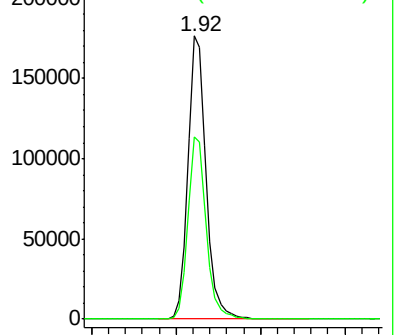
101 100

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



#8

Diethyl Ether

Concen: 53.13 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001480.D

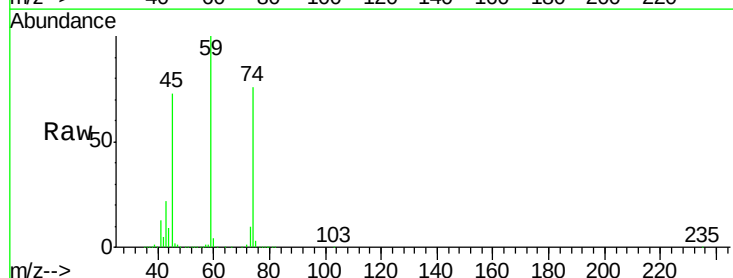
Acq: 07 May 2018 22:00

Tgt Ion: 74 Resp: 105844

Ion Ratio Lower Upper

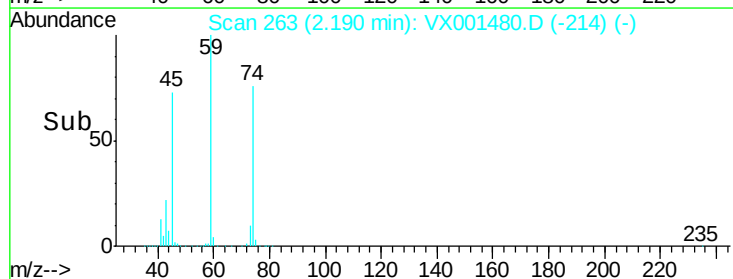
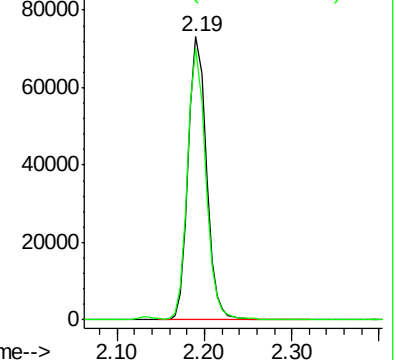
74 100

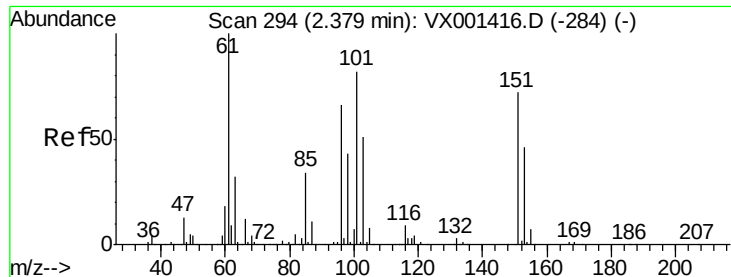
45 95.2 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

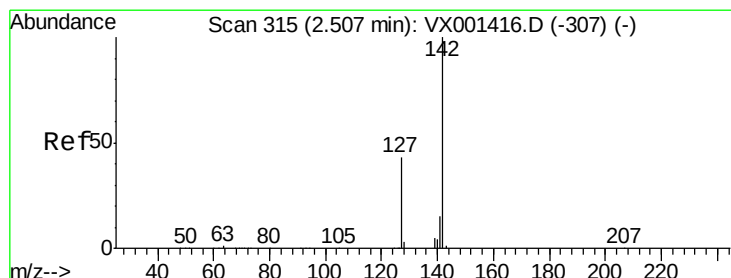
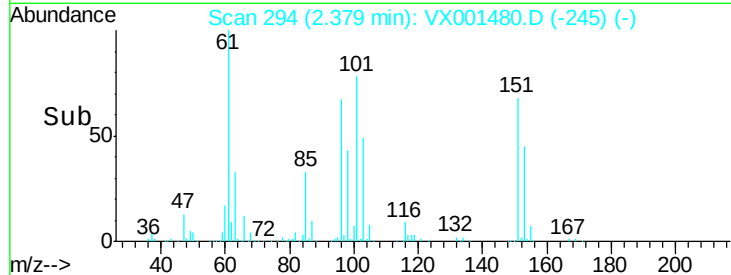
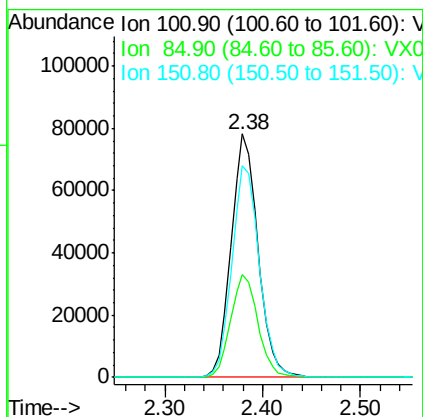
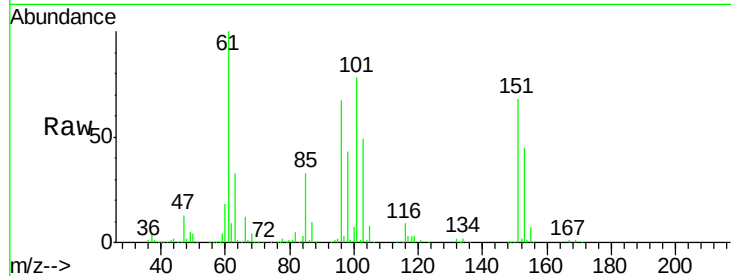




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.89 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

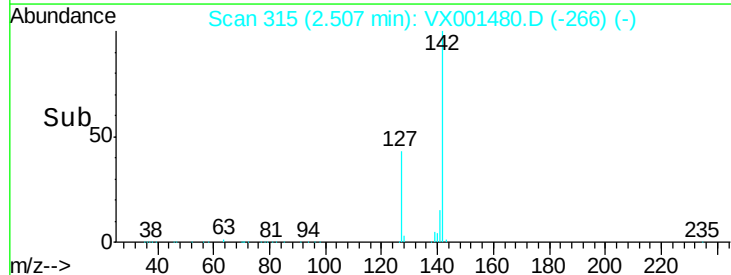
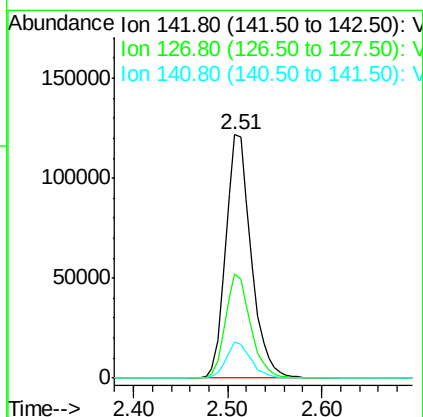
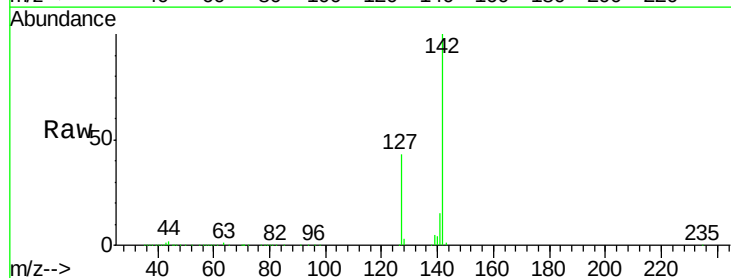
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

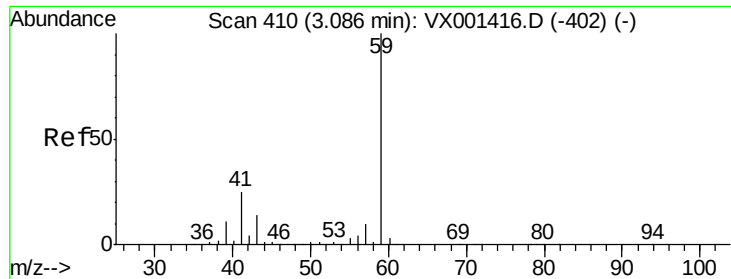
Tgt Ion:101 Resp: 148672
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.7 50.5
 151 89.4 72.3 108.5



#10
 Methyl Iodide
 Concen: 53.00 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion:142 Resp: 227867
 Ion Ratio Lower Upper
 142 100
 127 42.4 33.6 50.4
 141 14.2 11.4 17.2



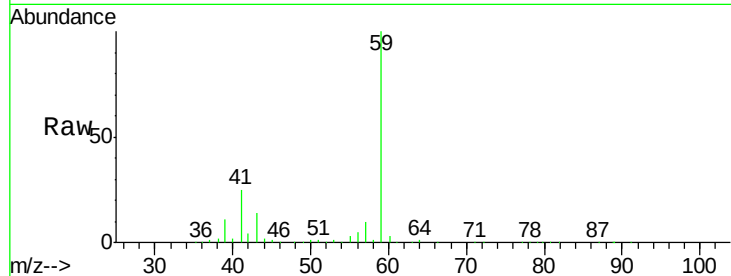


#11

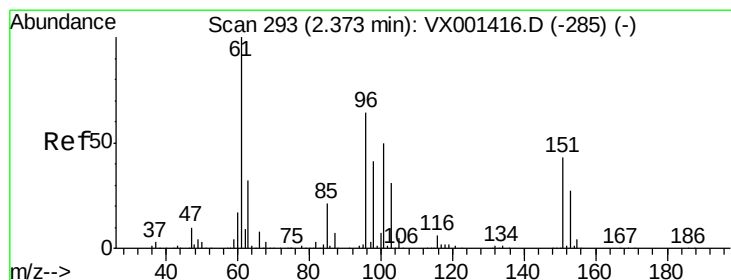
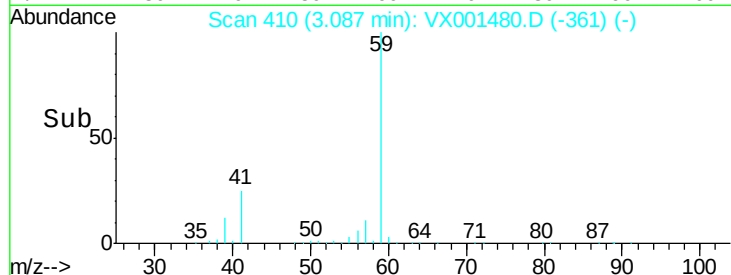
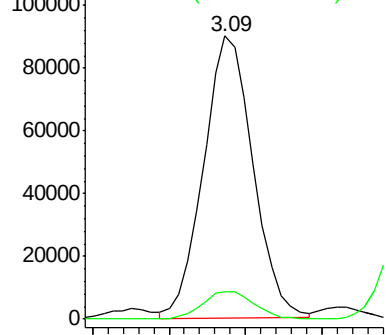
Tert butyl alcohol
Concen: 268.98 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 201197
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



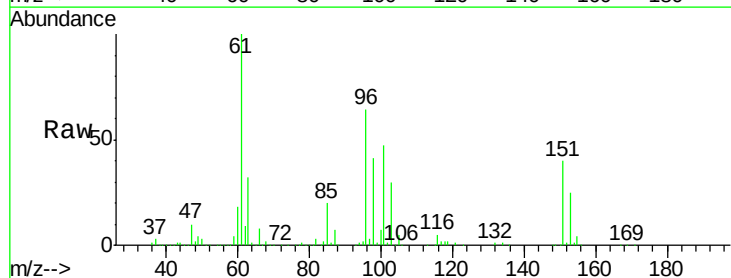
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



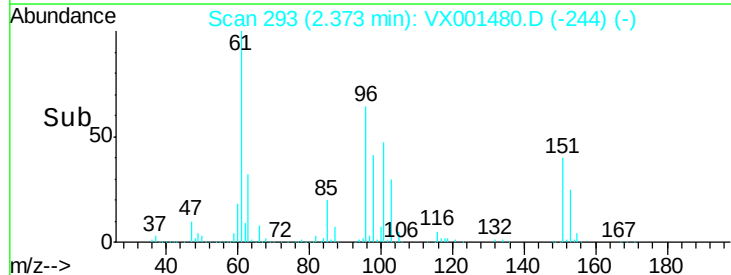
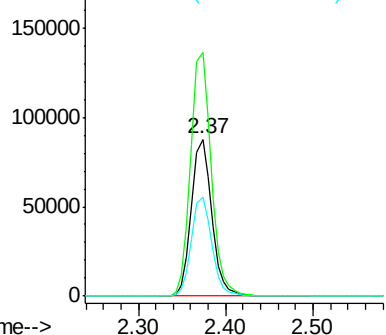
#12

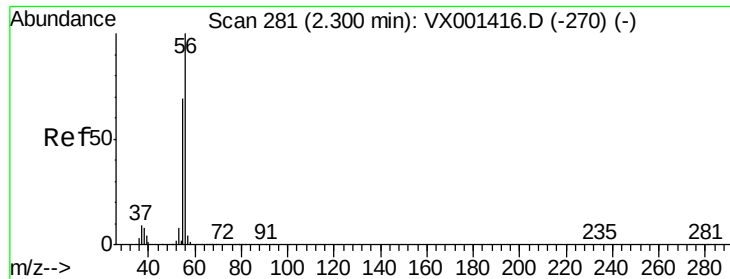
1,1-Dichloroethene
Concen: 51.79 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 96 Resp: 141441
Ion Ratio Lower Upper
96 100
61 155.1 125.7 188.5
98 63.3 52.0 78.0



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





#13

Acrolein

Concen: 281.64 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

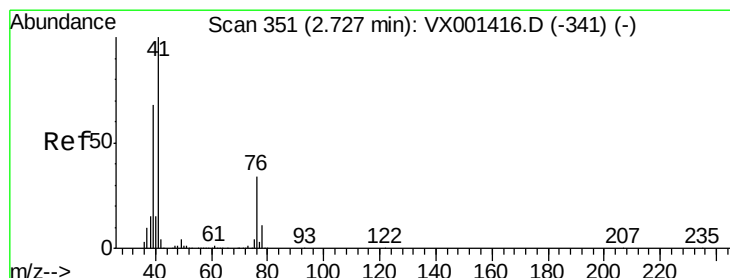
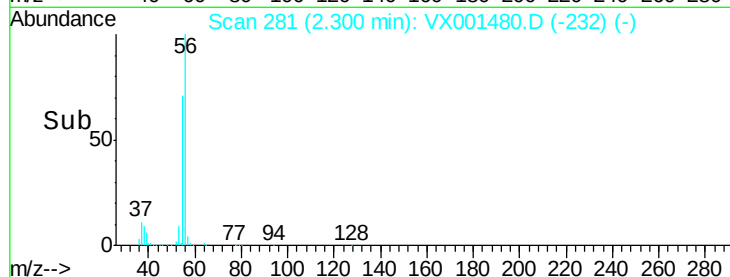
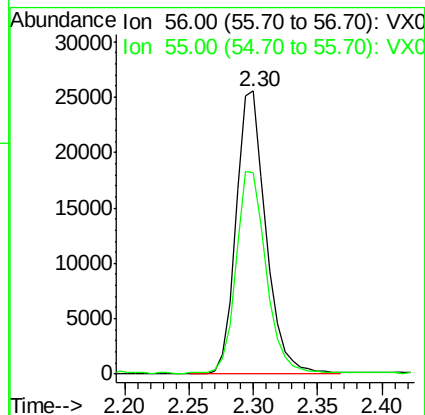
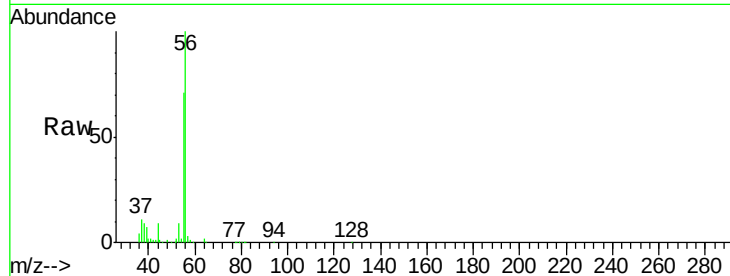
VSTDCCC050

Tgt Ion: 56 Resp: 41311

Ion Ratio Lower Upper

56 100

55 71.9 54.5 81.7



#14

Allyl chloride

Concen: 52.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

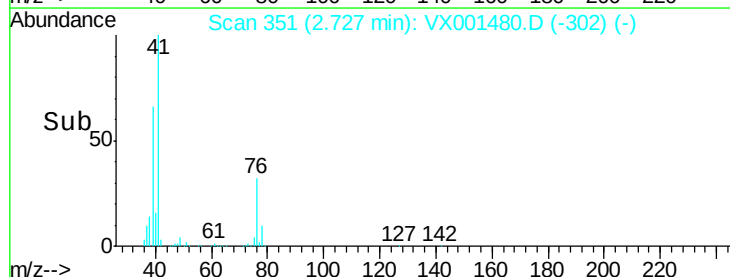
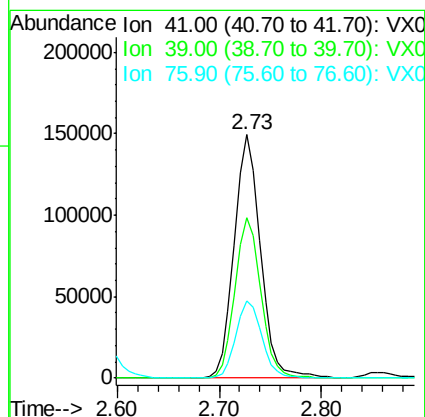
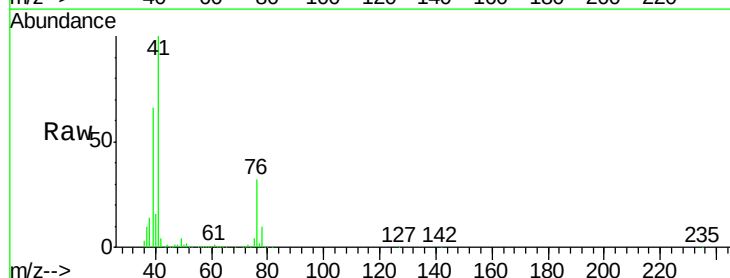
Tgt Ion: 41 Resp: 266547

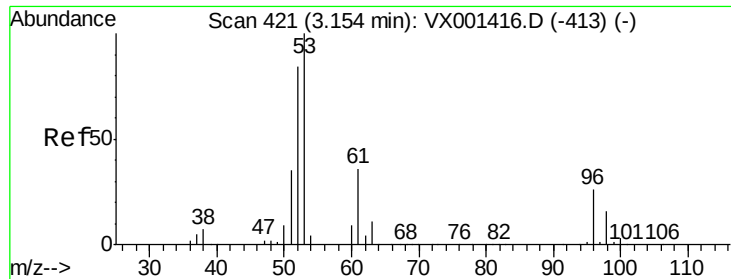
Ion Ratio Lower Upper

41 100

39 65.0 52.4 78.6

76 31.4 25.8 38.6





#15

Acrylonitrile

Concen: 268.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

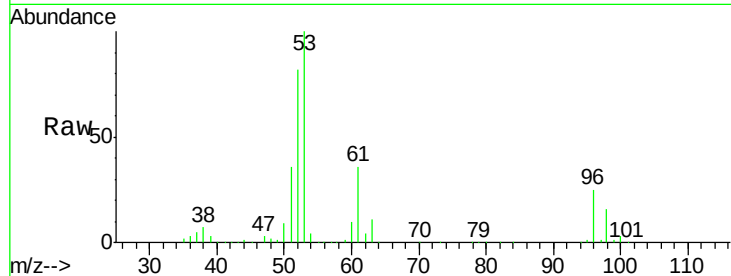
Tgt Ion: 53 Resp: 453342

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

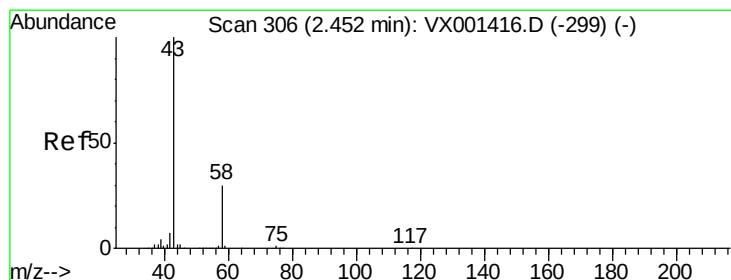
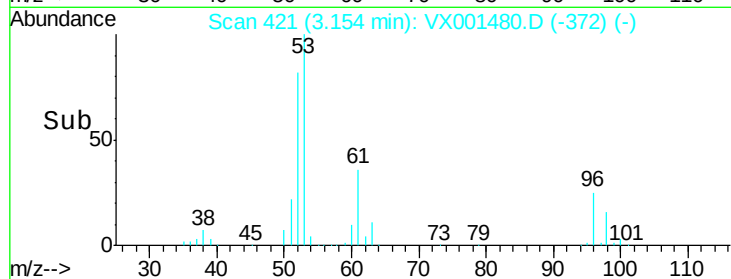
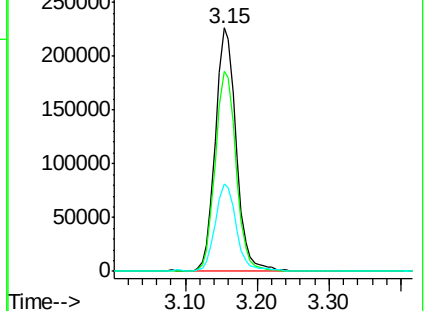
51 36.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 249.58 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001480.D

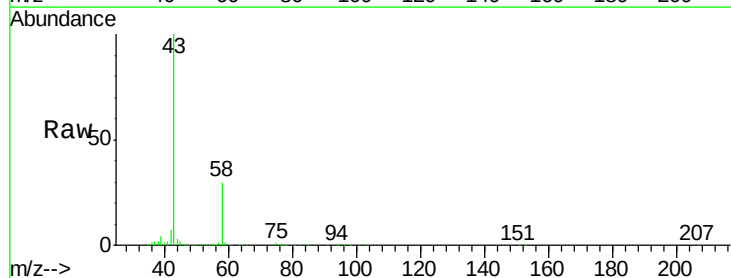
Acq: 07 May 2018 22:00

Tgt Ion: 43 Resp: 402061

Ion Ratio Lower Upper

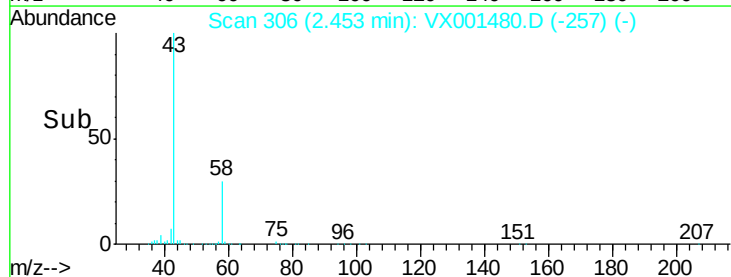
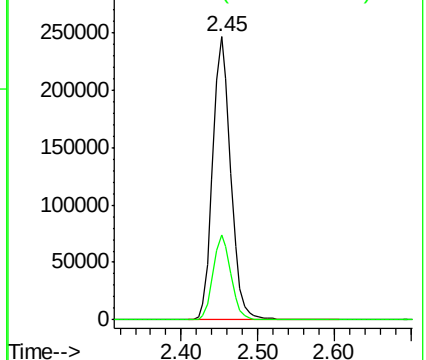
43 100

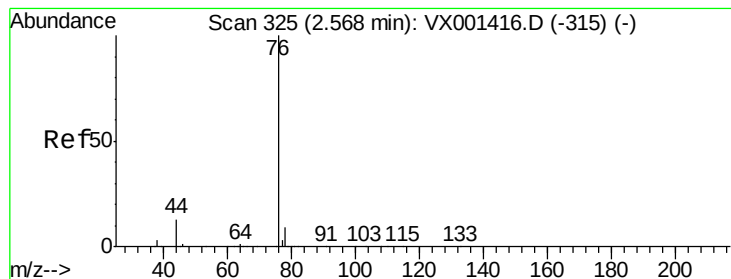
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.50 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

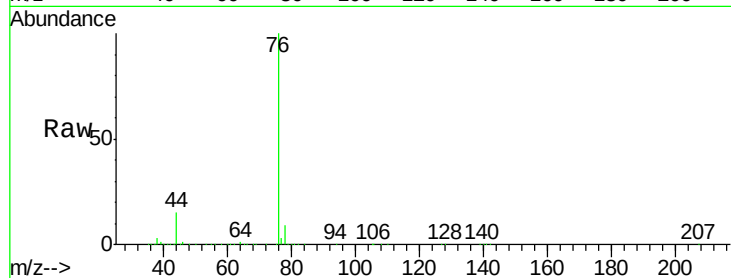
VSTDCCC050

Tgt Ion: 76 Resp: 351025

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

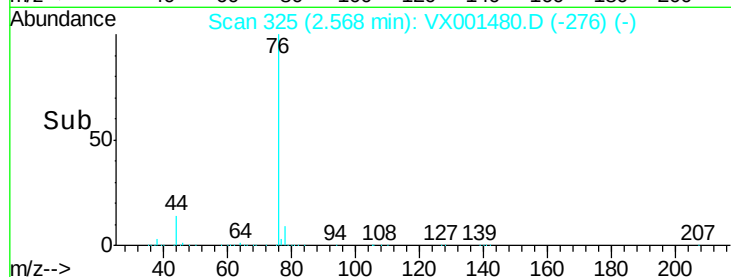
150000

100000

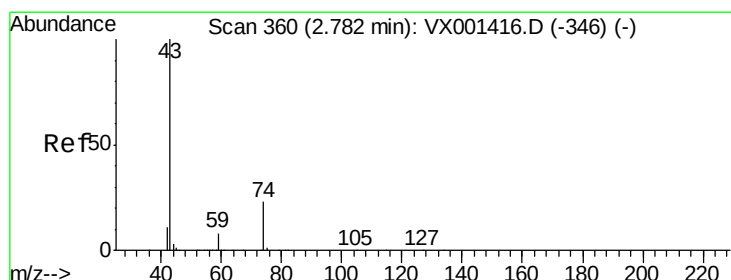
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 55.71 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001480.D

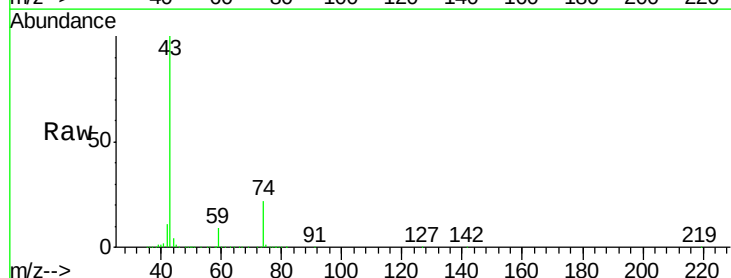
Acq: 07 May 2018 22:00

Tgt Ion: 43 Resp: 235802

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

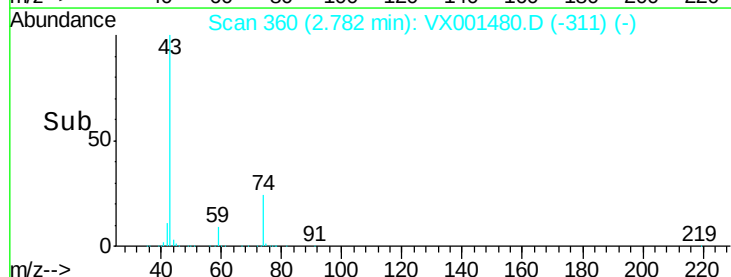
150000

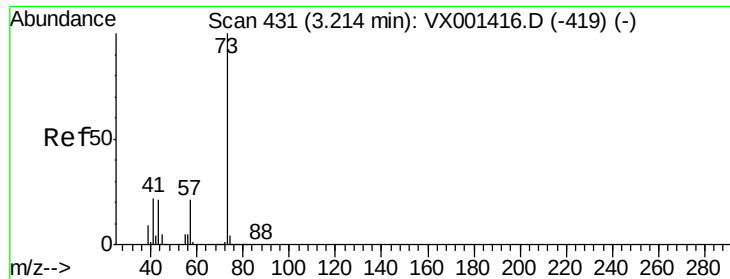
100000

50000

0

Time-->

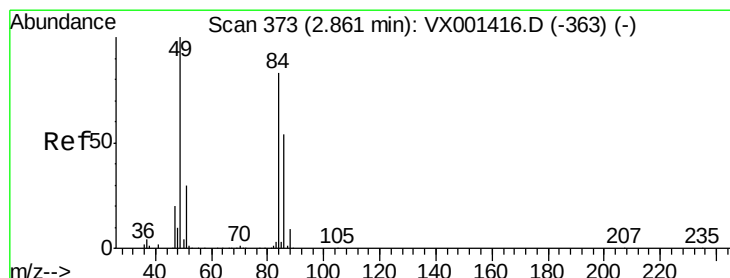
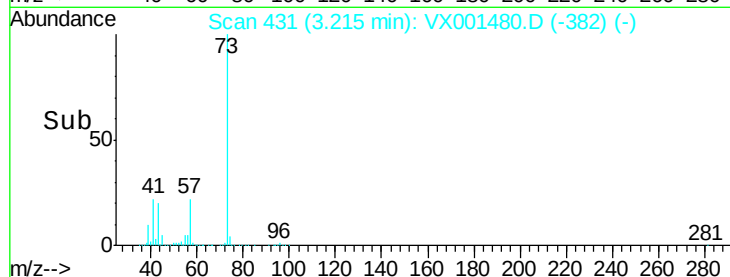
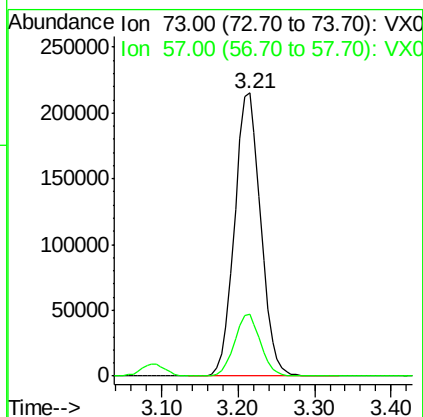
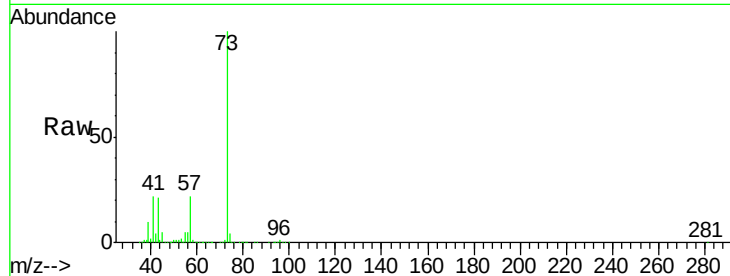




#19
Methyl tert-butyl Ether
Concen: 53.56 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

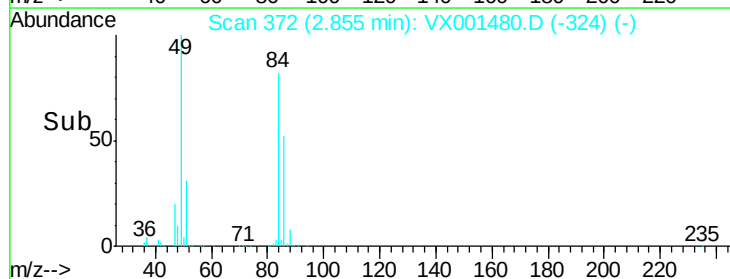
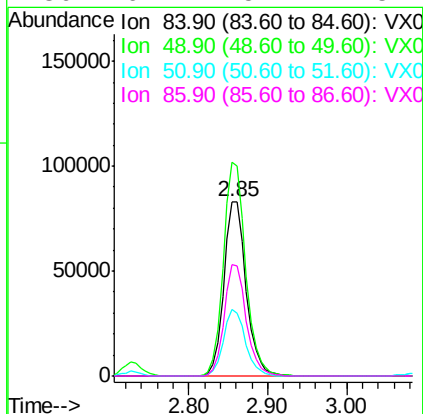
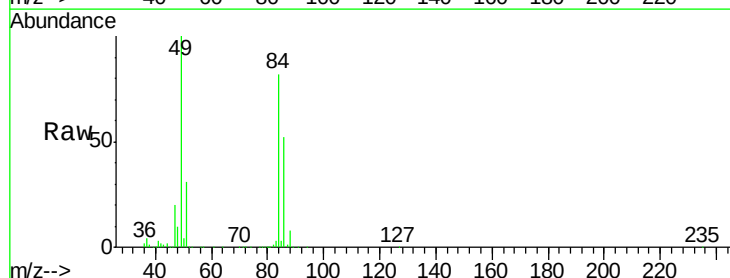
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

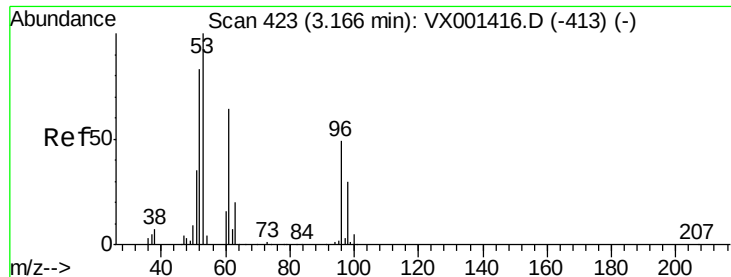
Tgt Ion: 73 Resp: 509363
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 51.14 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 84 Resp: 163124
Ion Ratio Lower Upper
84 100
49 122.4 96.6 144.8
51 38.2 29.0 43.4
86 64.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

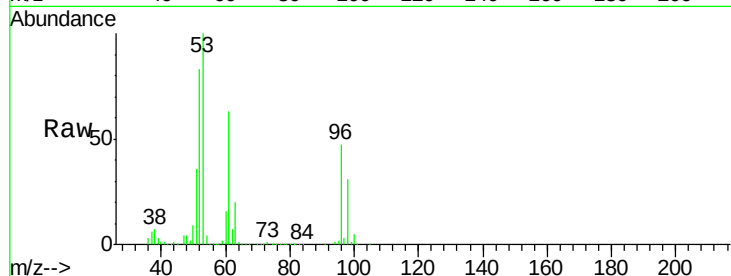
Tgt Ion: 96 Resp: 153491

Ion Ratio Lower Upper

96 100

61 135.2 105.0 157.4

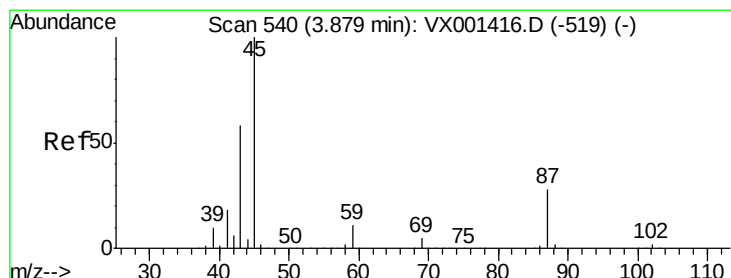
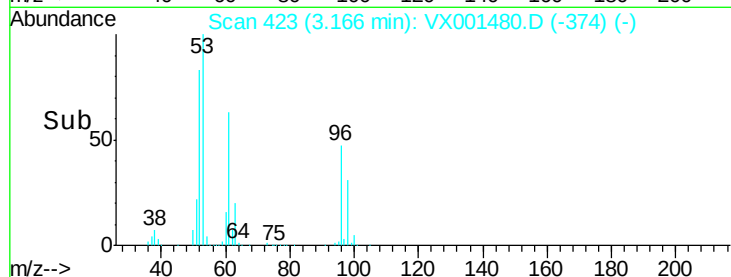
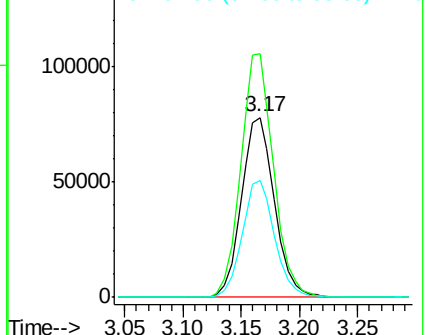
98 65.3 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.12 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Tgt Ion: 45 Resp: 505384

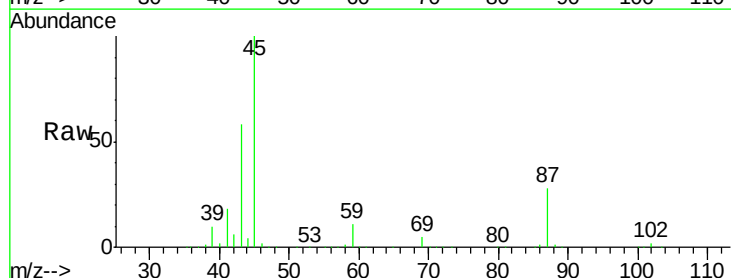
Ion Ratio Lower Upper

45 100

43 57.9 46.5 69.7

87 27.6 22.6 34.0

59 11.4 9.1 13.7

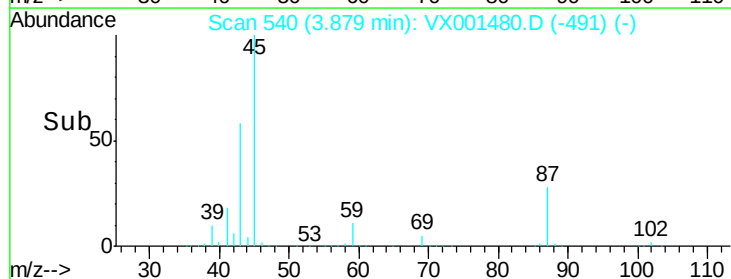
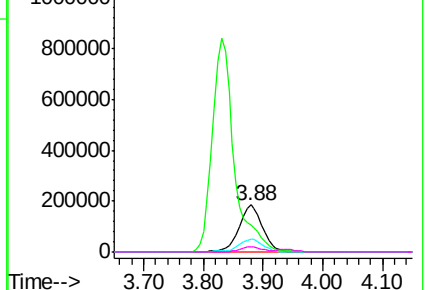


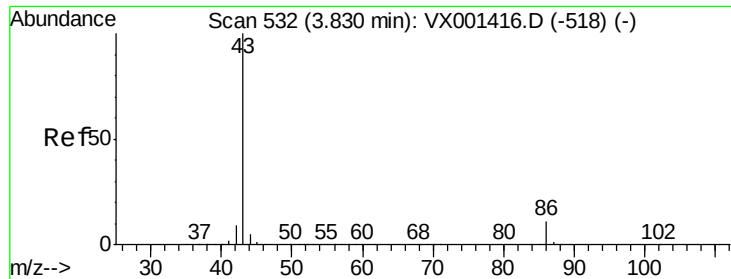
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 269.40 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

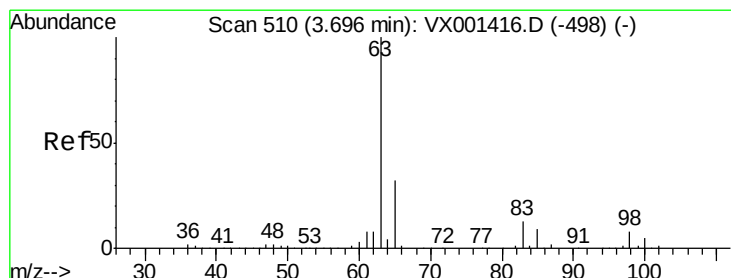
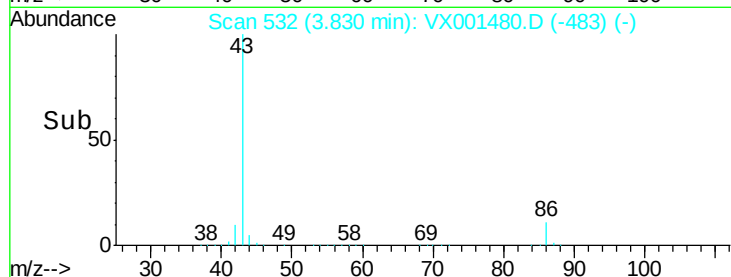
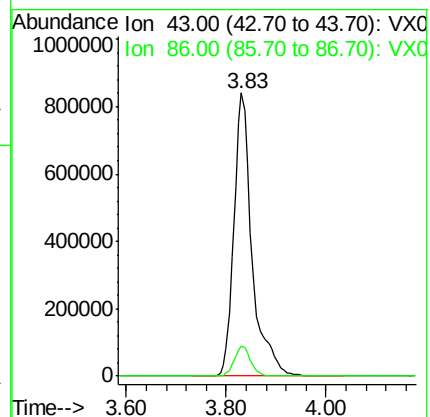
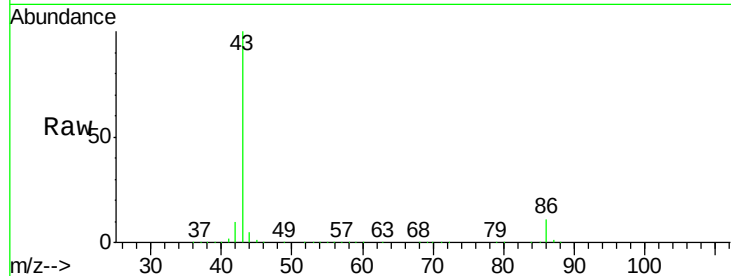
VSTDCCC050

Tgt Ion: 43 Resp: 2136223

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

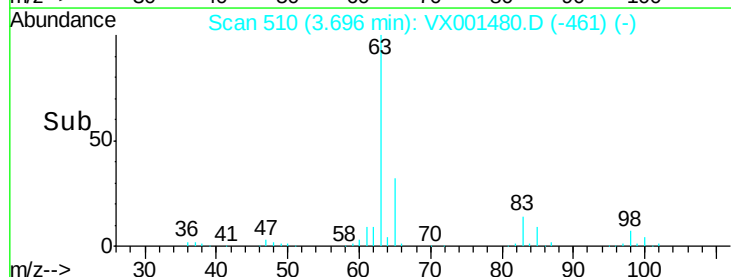
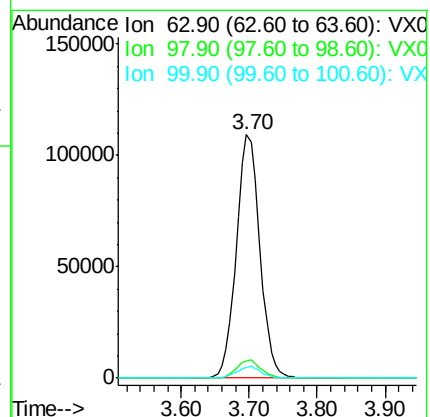
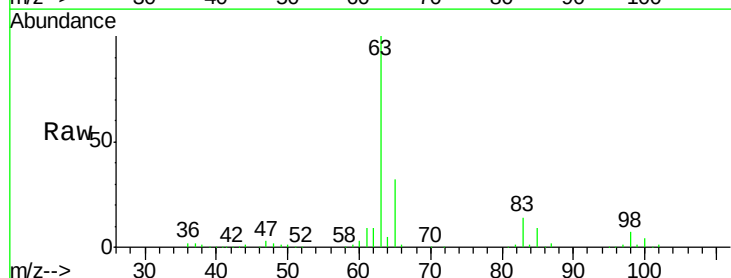
Tgt Ion: 63 Resp: 262034

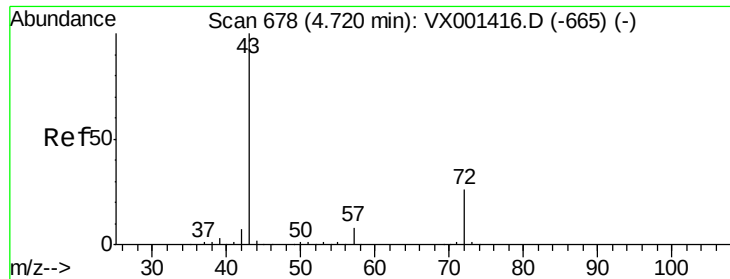
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 264.21 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

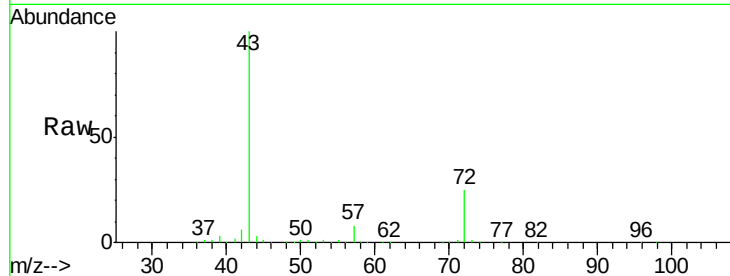
VSTDCCC050

Tgt Ion: 43 Resp: 615263

Ion Ratio Lower Upper

43 100

72 25.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

200000

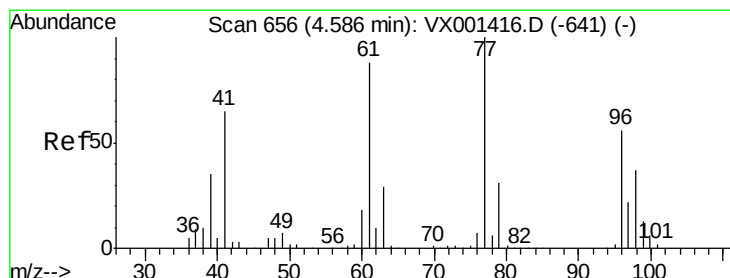
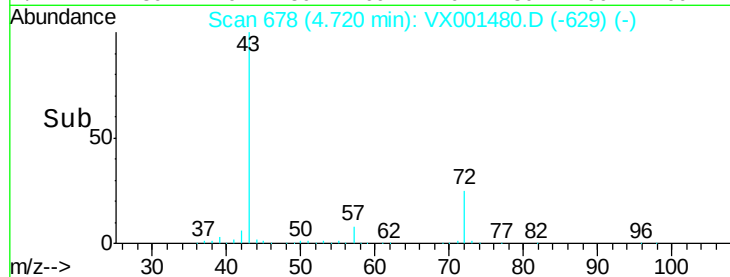
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.31 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001480.D

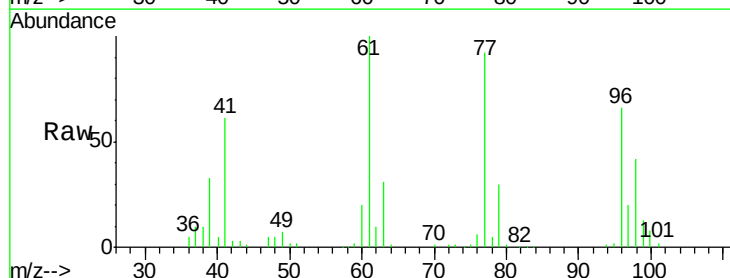
Acq: 07 May 2018 22:00

Tgt Ion: 77 Resp: 181861

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

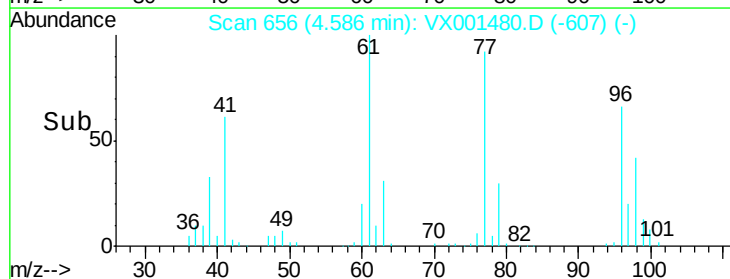
60000

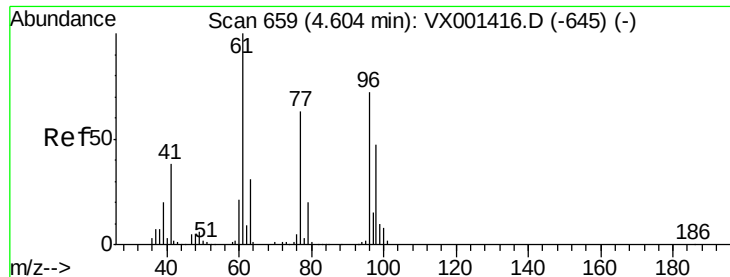
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

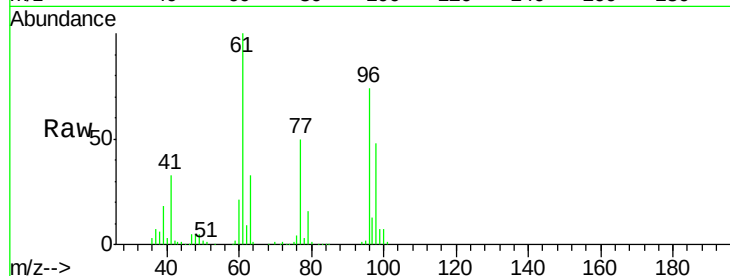
Tgt Ion: 96 Resp: 168060

Ion Ratio Lower Upper

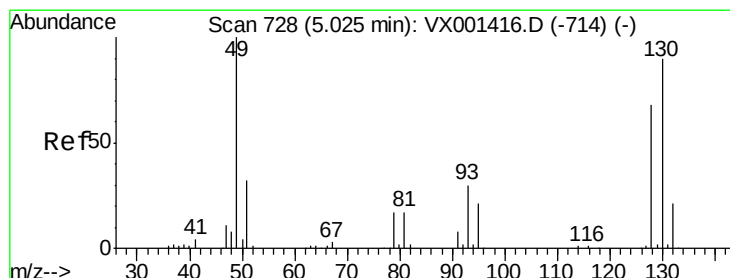
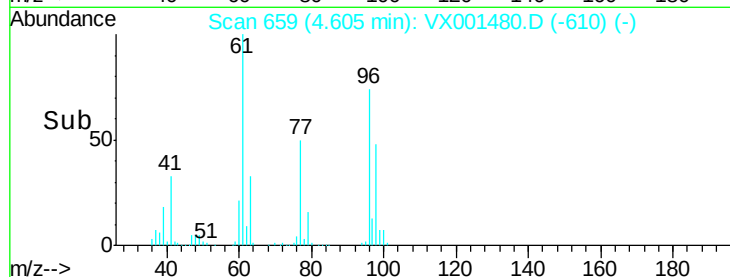
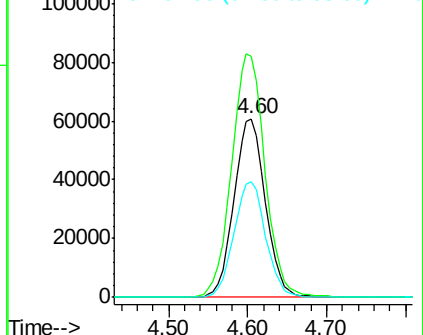
96 100

61 145.1 0.0 301.6

98 65.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 54.26 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

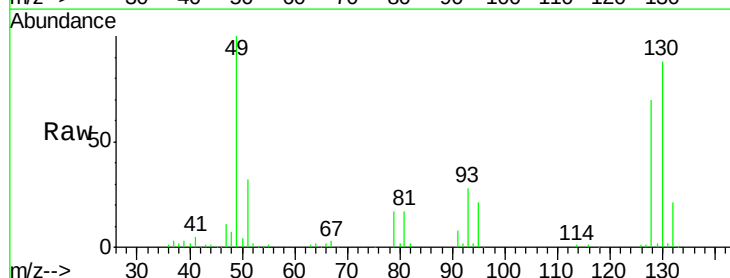
Tgt Ion: 49 Resp: 125039

Ion Ratio Lower Upper

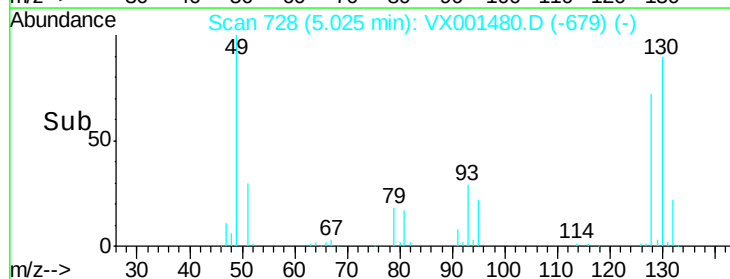
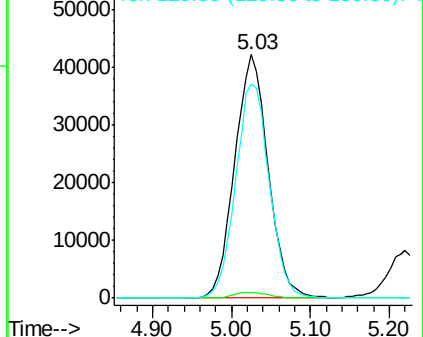
49 100

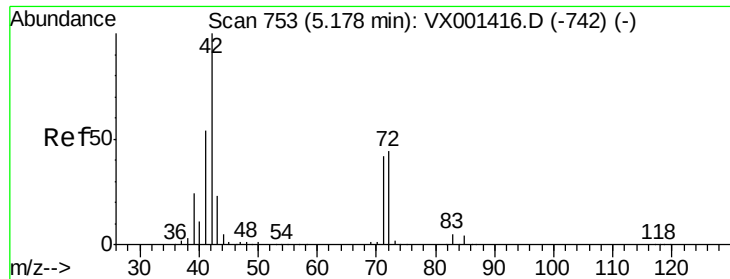
129 2.6 0.0 4.8

130 88.6 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

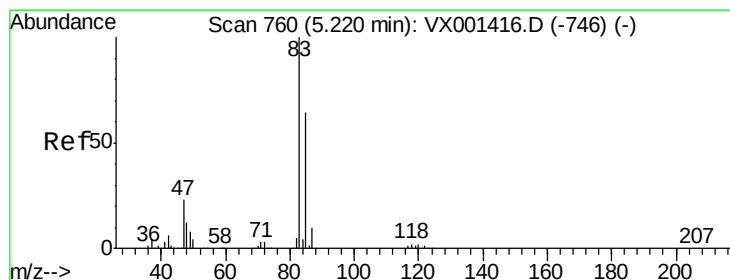
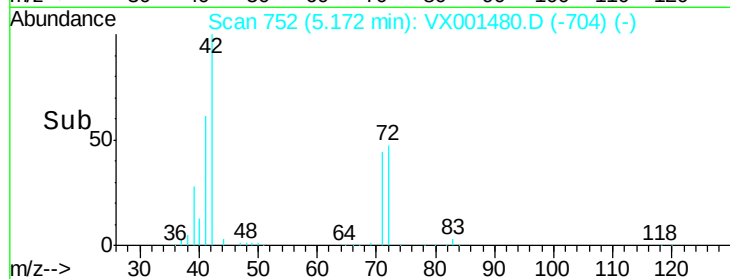
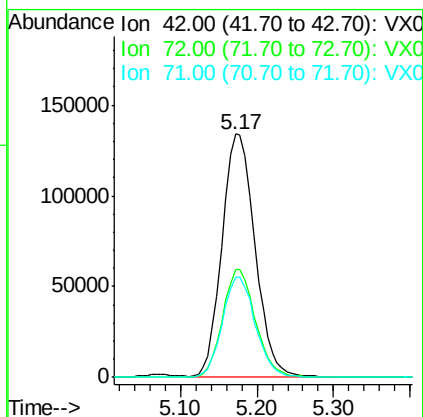
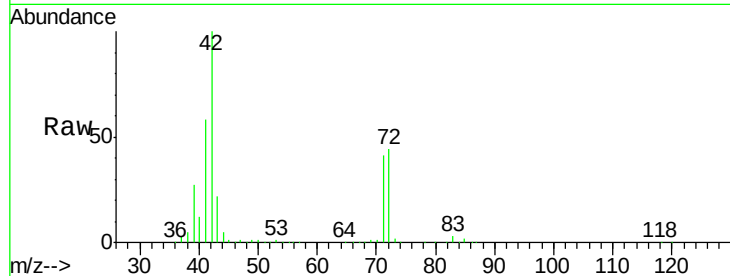




#29
Tetrahydrofuran
Concen: 268.49 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

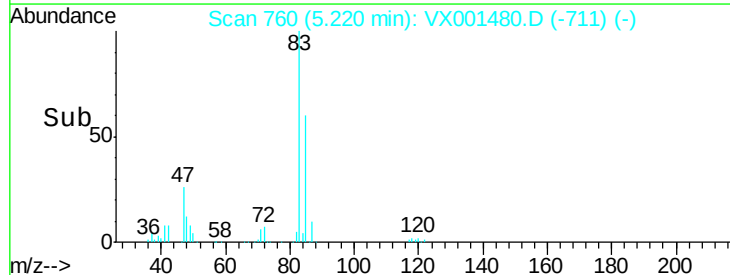
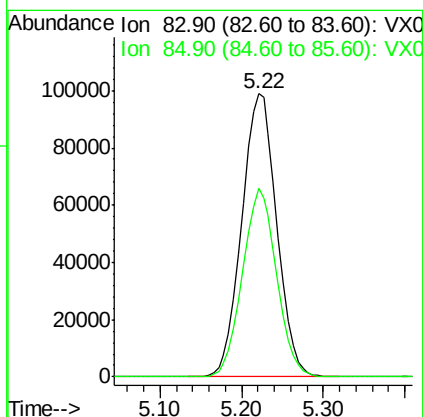
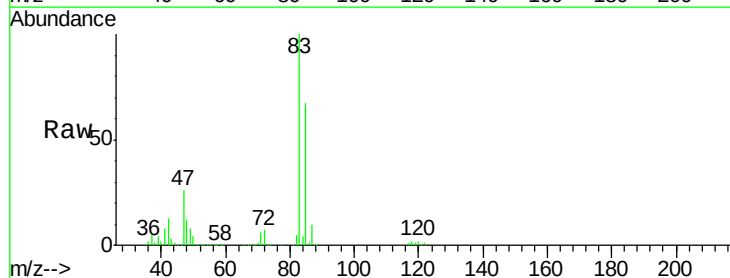
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

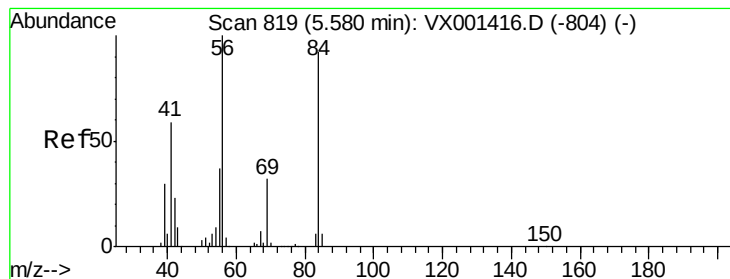
Tgt Ion: 42 Resp: 400033
Ion Ratio Lower Upper
42 100
72 44.4 35.4 53.2
71 41.1 33.0 49.4



#30
Chloroform
Concen: 53.78 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 83 Resp: 294427
Ion Ratio Lower Upper
83 100
85 66.7 51.0 76.4





#31

Cyclohexane

Concen: 50.75 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

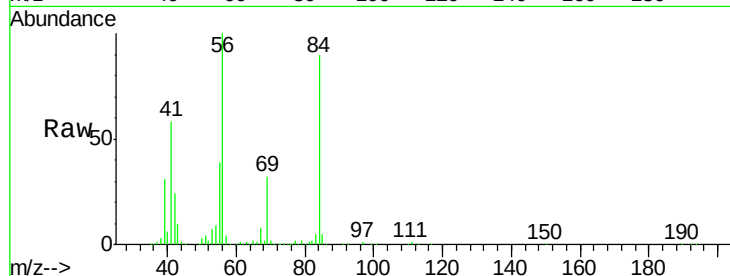
Tgt Ion: 56 Resp: 231667

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.0

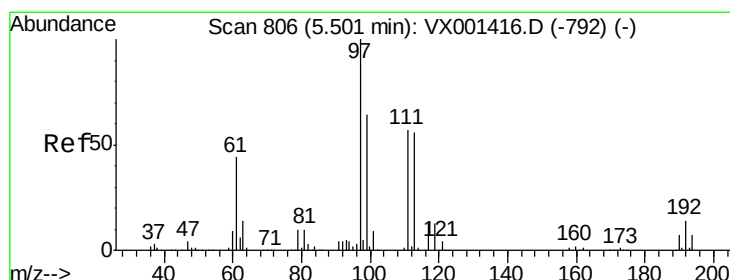
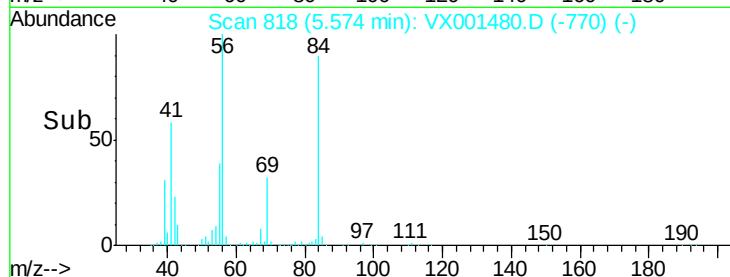
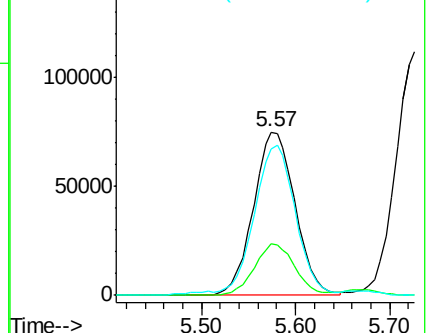
84 88.2 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.34 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

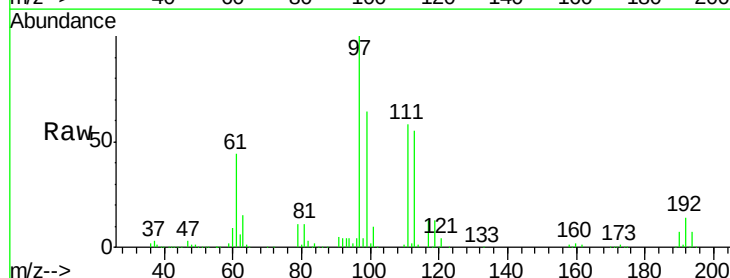
Tgt Ion: 97 Resp: 260020

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

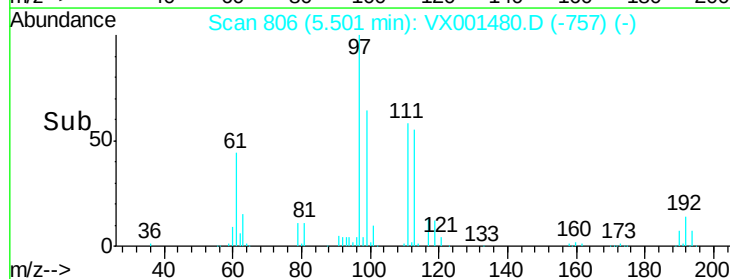
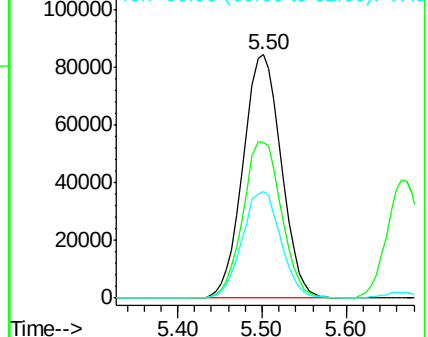
61 44.3 34.8 52.2

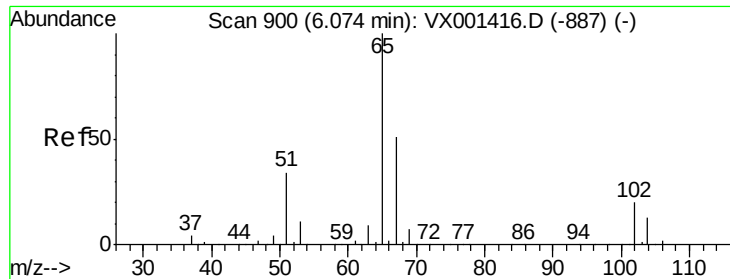


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

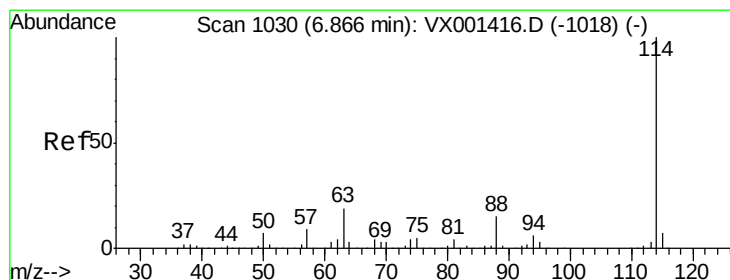
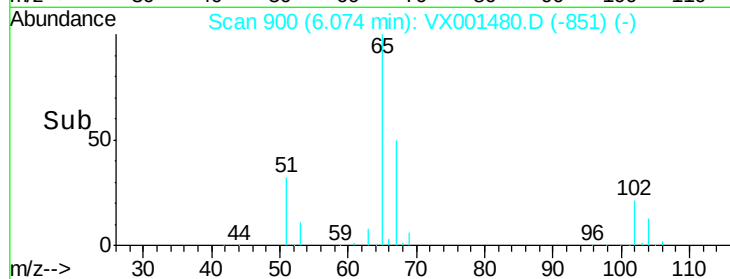
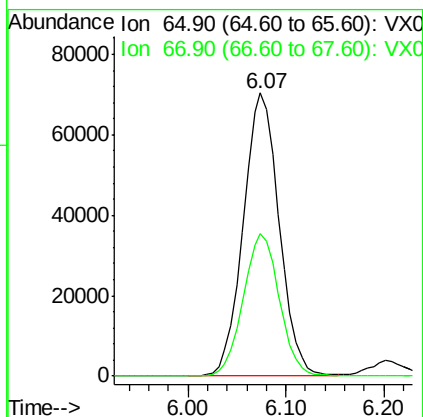
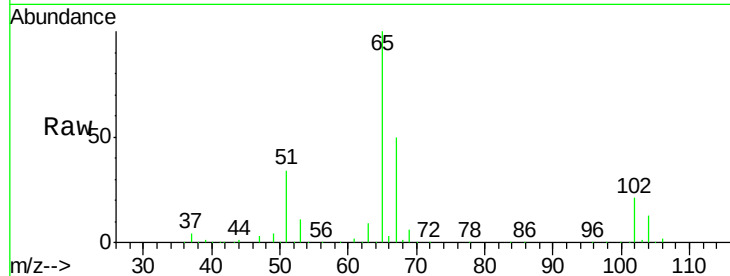




#33
 1,2-Dichloroethane-d4
 Concen: 50.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

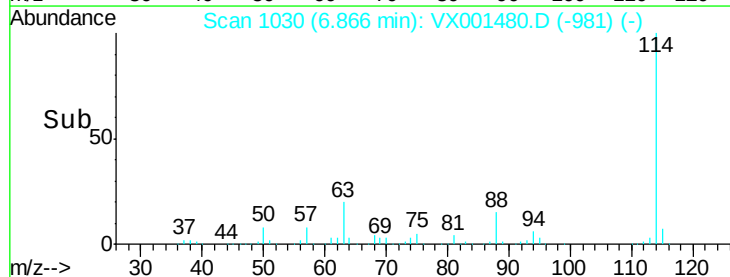
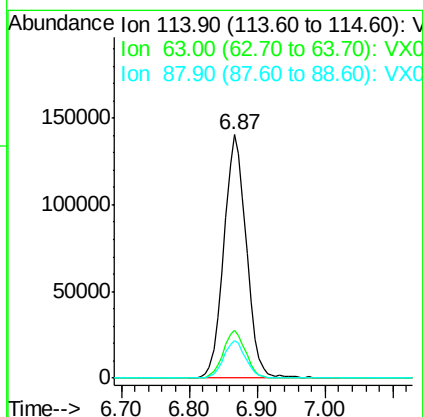
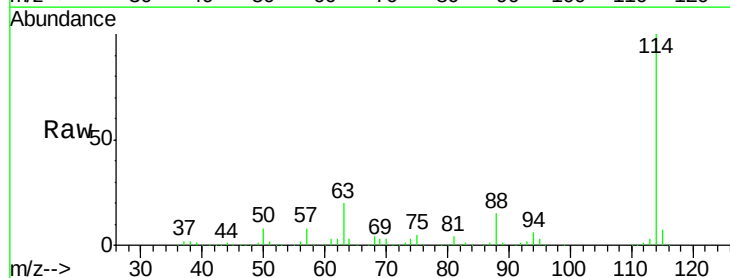
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

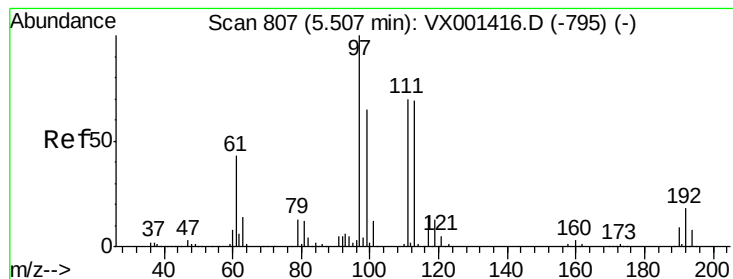
Tgt Ion: 65 Resp: 179840
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion: 114 Resp: 322528
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

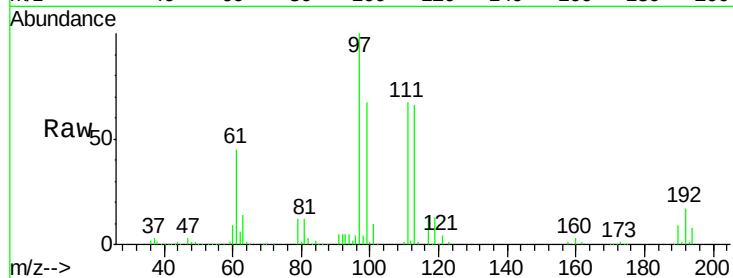
Tgt Ion:113 Resp: 147241

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

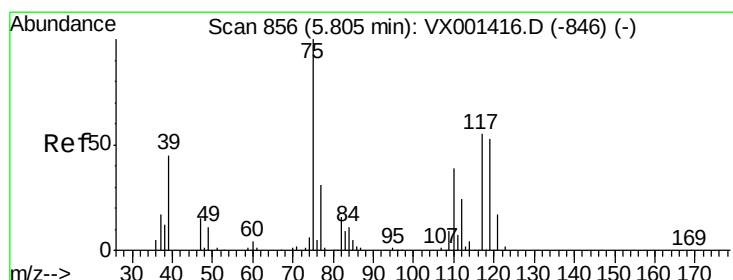
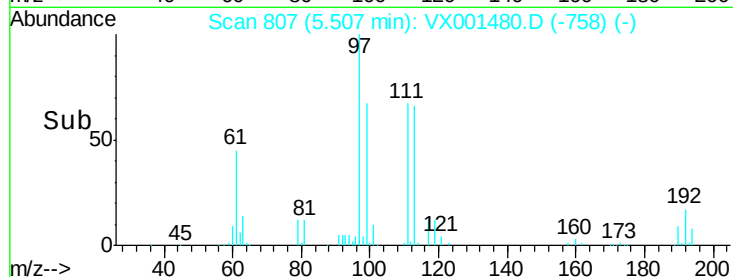
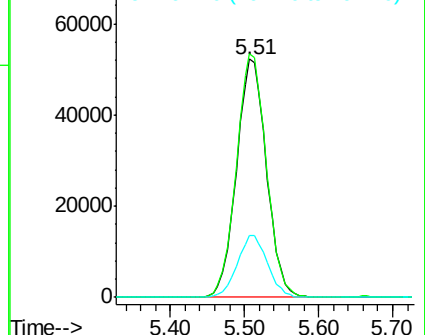
192 26.2 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.76 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

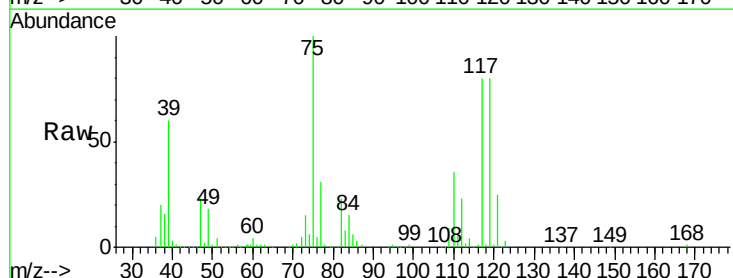
Tgt Ion: 75 Resp: 208264

Ion Ratio Lower Upper

75 100

110 37.3 18.9 56.7

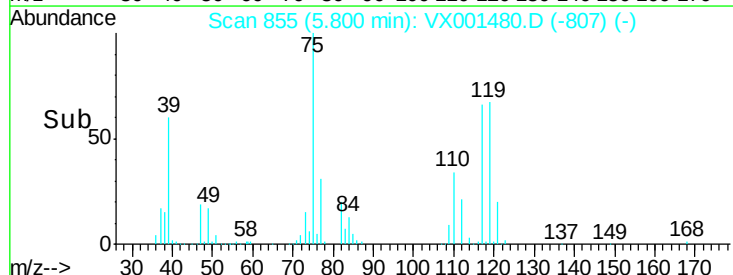
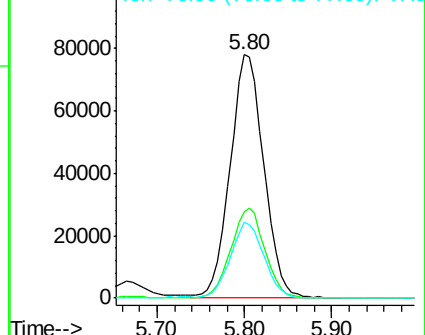
77 31.1 24.9 37.3

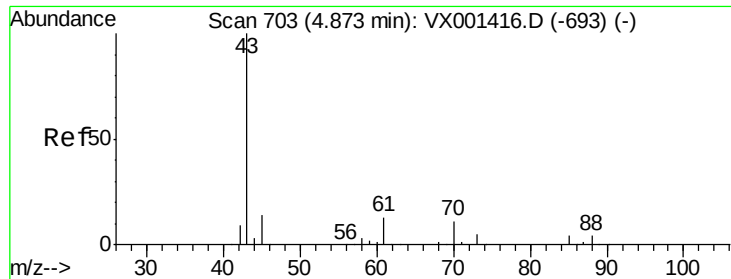


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.22 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

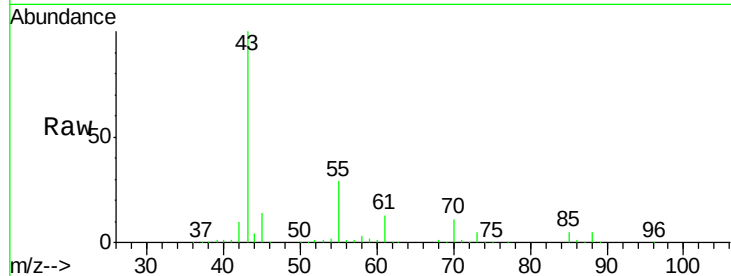
Tgt Ion: 43 Resp: 239363

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

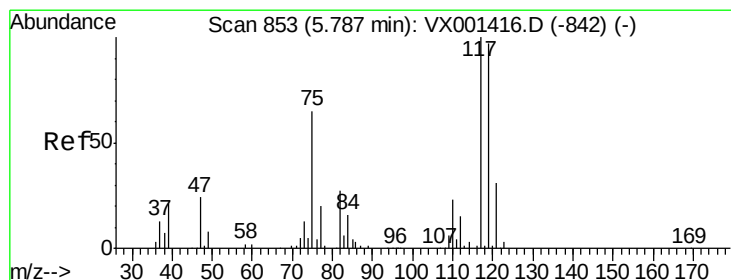
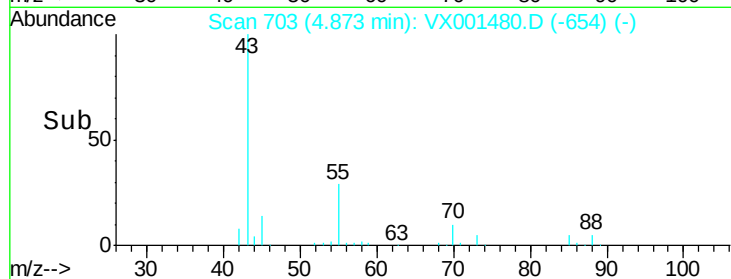
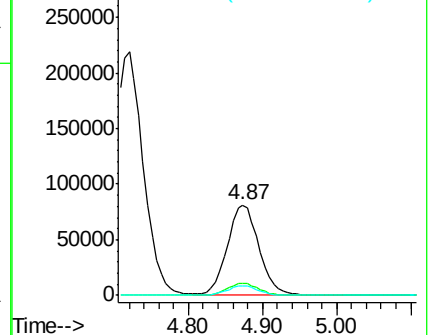
70 10.4 8.4 12.6



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: 53.11 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

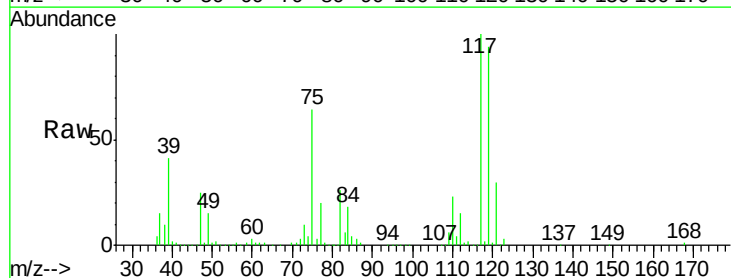
Tgt Ion: 117 Resp: 232370

Ion Ratio Lower Upper

117 100

119 94.5 77.0 115.6

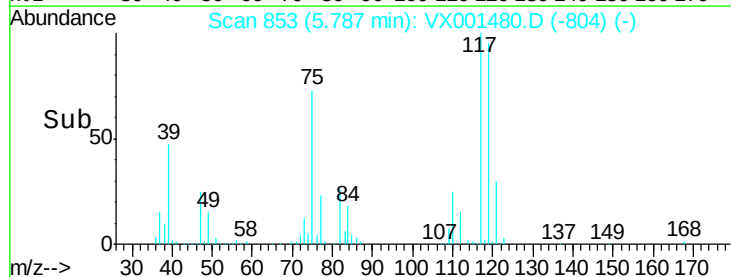
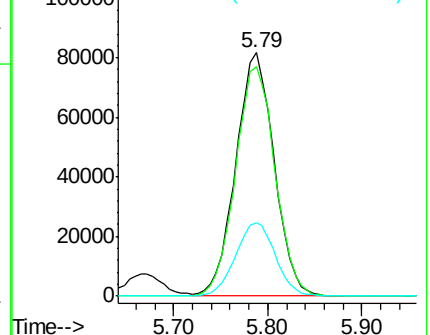
121 30.1 25.1 37.7

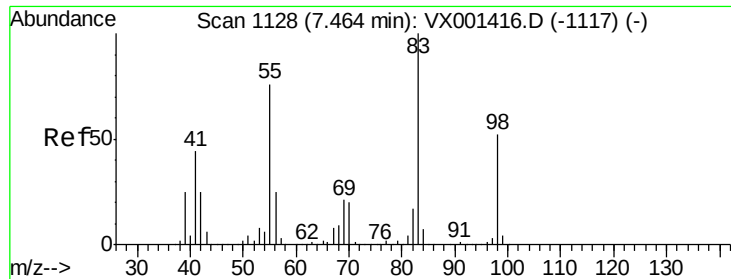


Abundance Ion 116.80 (116.50 to 117.50): VX001416.D (-842) (-)

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

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

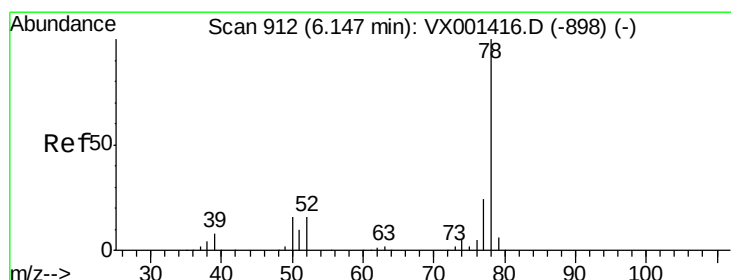
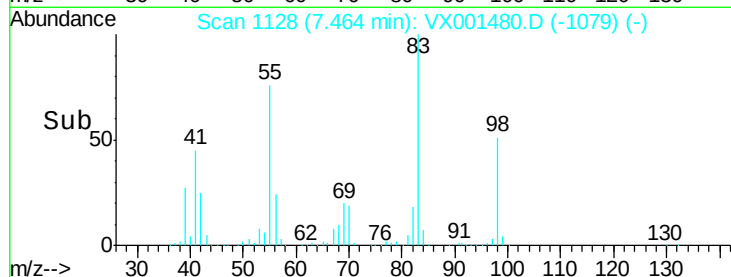
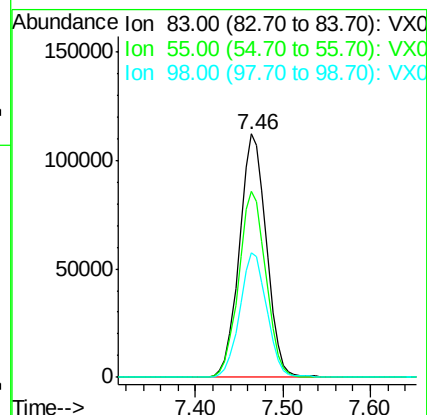
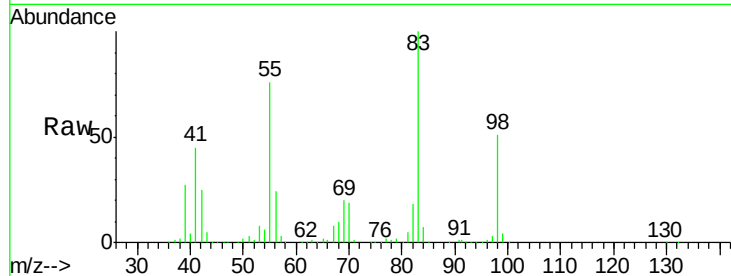




#39
Methylcyclohexane
Concen: 49.71 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

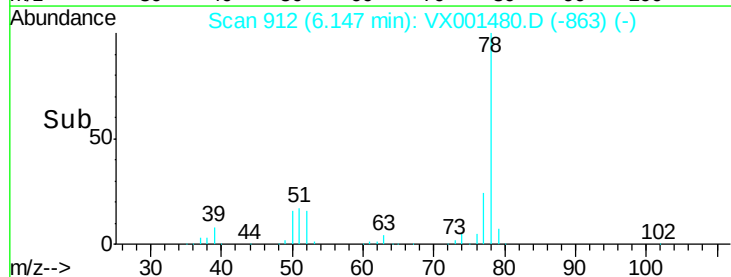
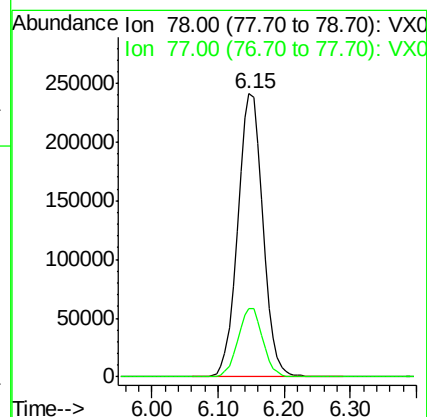
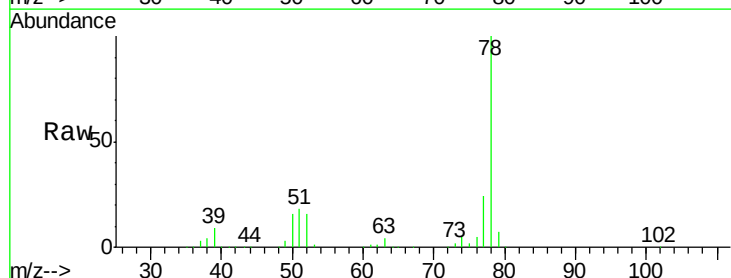
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

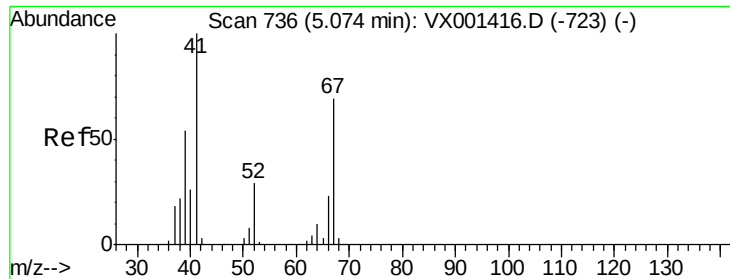
Tgt Ion: 83 Resp: 241138
Ion Ratio Lower Upper
83 100
55 76.2 60.9 91.3
98 51.0 41.9 62.9



#40
Benzene
Concen: 52.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 78 Resp: 634329
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2

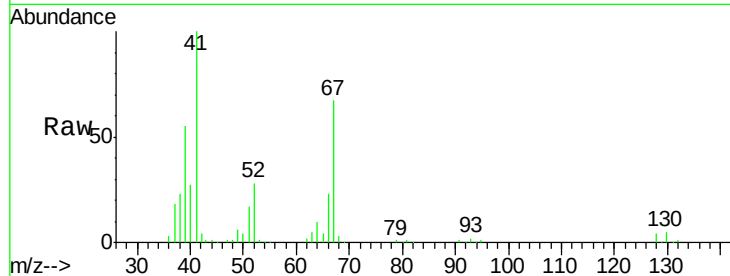




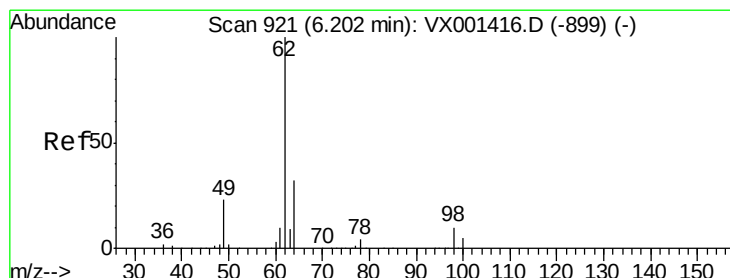
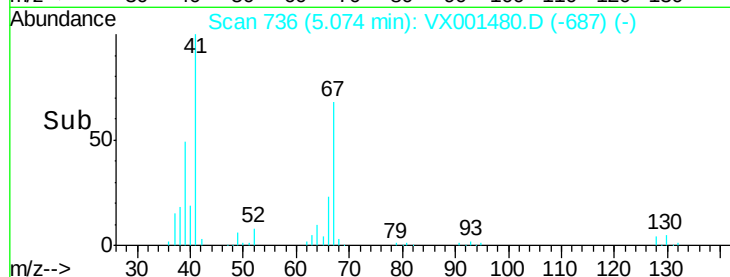
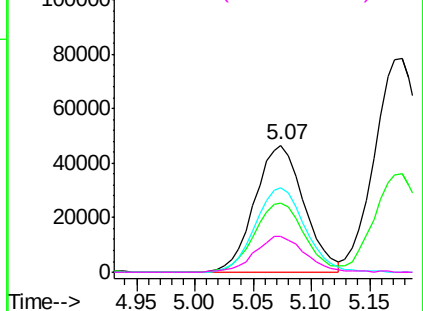
#41
Methacrylonitrile
Concen: 52.80 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	135854
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.0	67.6
67	68.3	55.0	82.6
52	29.3	23.4	35.0

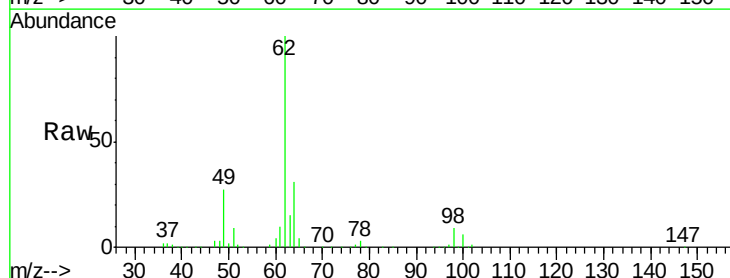


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

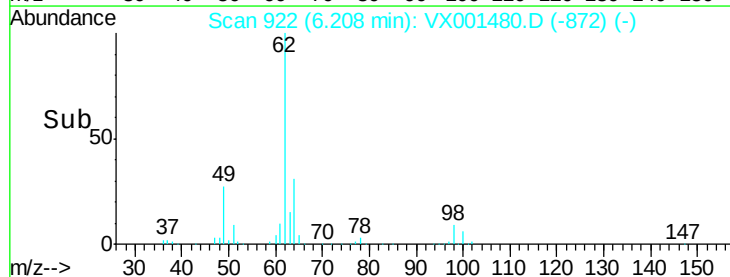
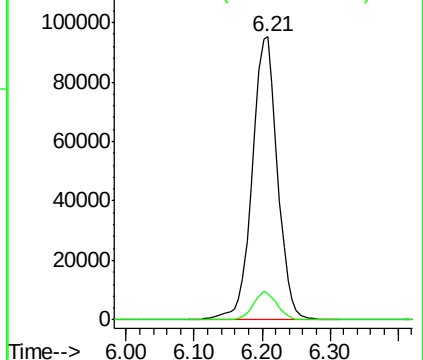


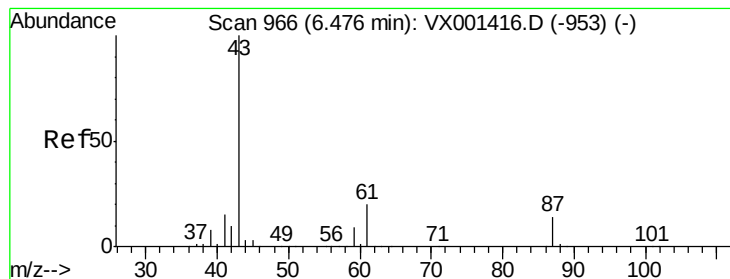
#42
1,2-Dichloroethane
Concen: 53.64 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion:	62	Resp:	247069
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: 54.65 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

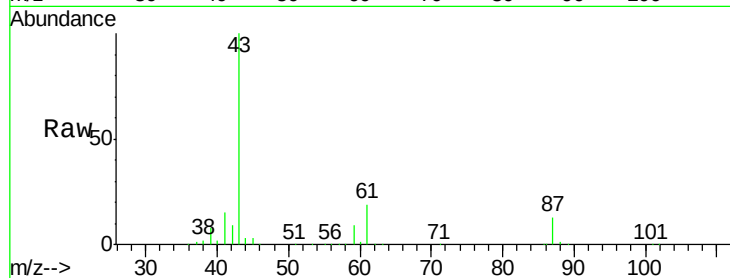
Tgt Ion: 43 Resp: 377309

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX001416.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX001416.D (-953) (-)

6.48

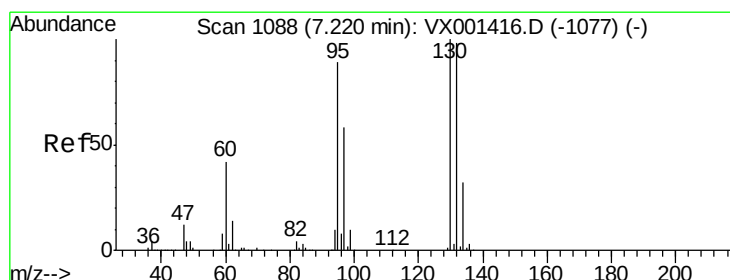
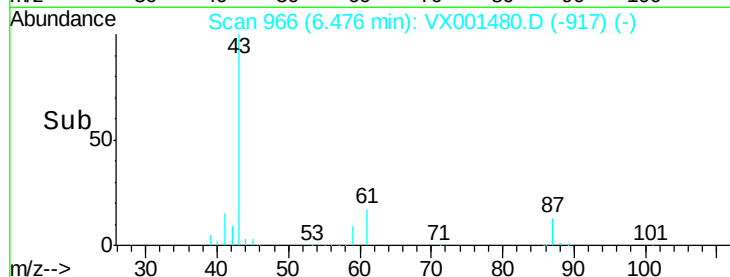
150000

100000

50000

0

Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 51.71 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001480.D

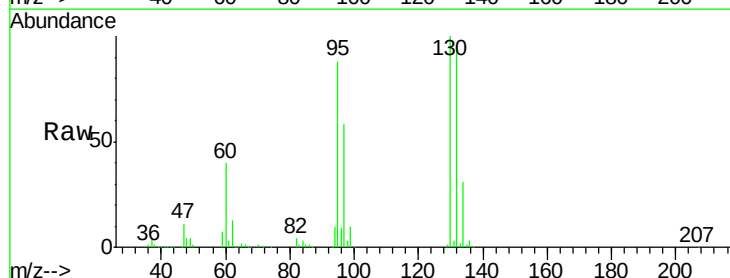
Acq: 07 May 2018 22:00

Tgt Ion: 130 Resp: 189414

Ion Ratio Lower Upper

130 100

95 88.1 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VX001416.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001416.D (-1077) (-)

7.22

100000

80000

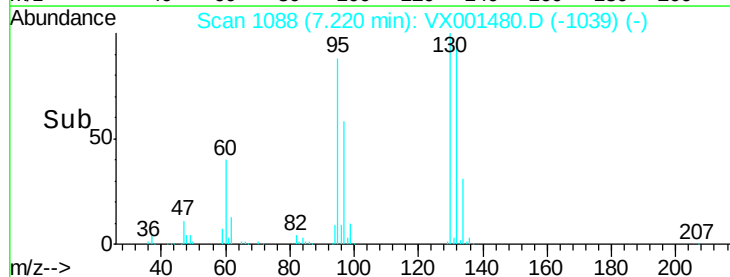
60000

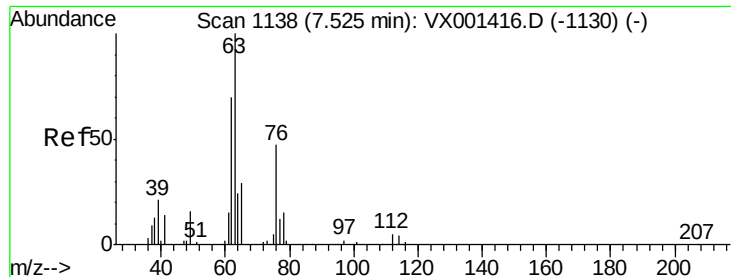
40000

20000

0

Time--> 7.10 7.20 7.30

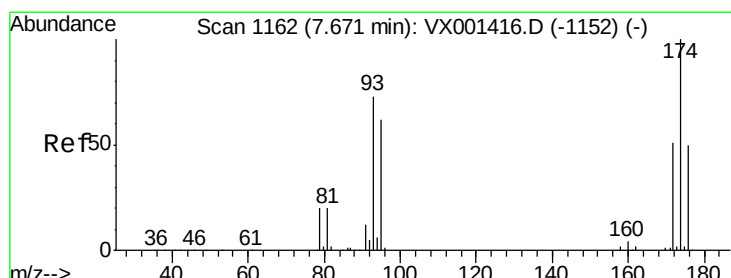
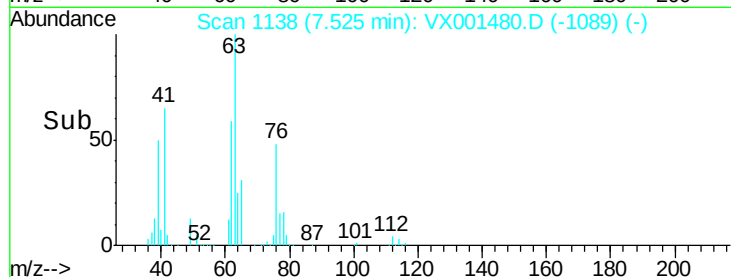
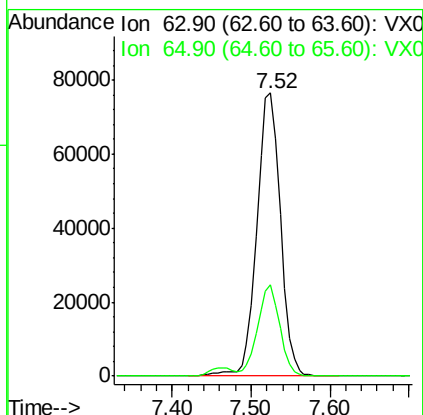
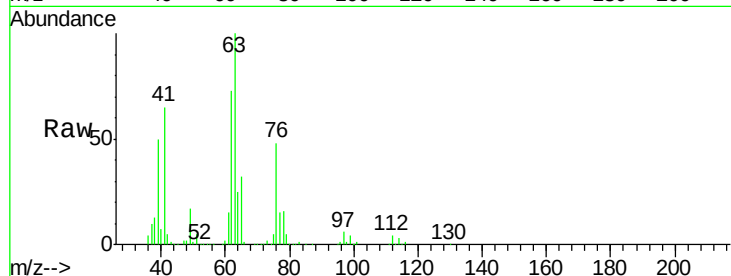




#45
 1,2-Dichloropropane
 Concen: 53.57 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

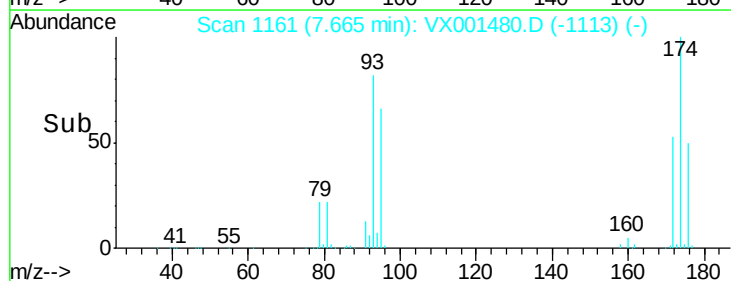
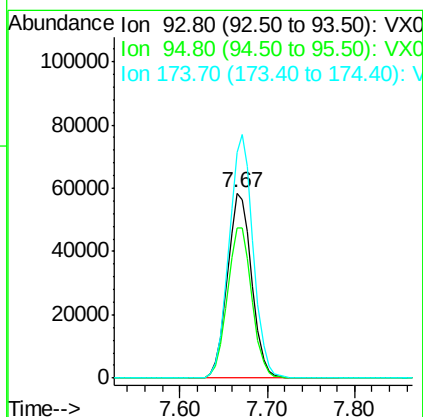
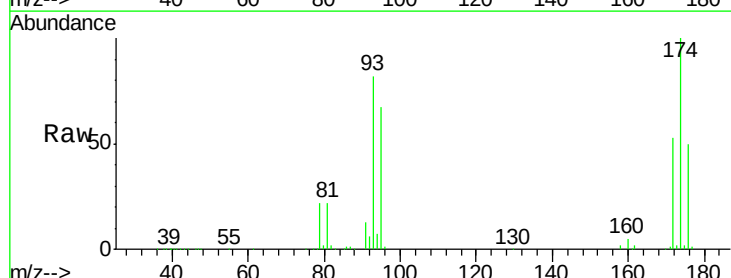
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

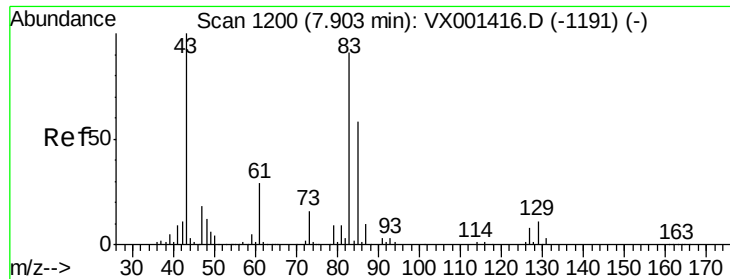
Tgt Ion: 63 Resp: 160032
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.5 36.7



#46
 Dibromomethane
 Concen: 53.17 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion: 93 Resp: 112456
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 130.7 104.5 156.7





#47

Bromodichloromethane

Concen: 55.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

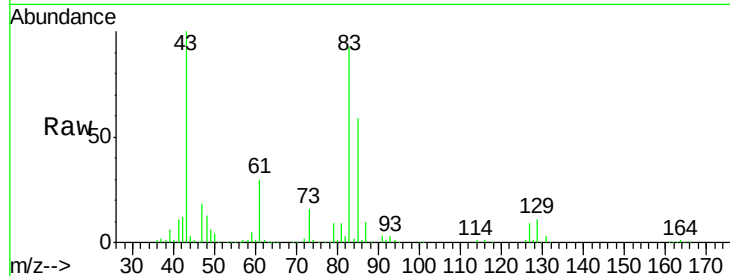
Tgt Ion: 83 Resp: 216238

Ion Ratio Lower Upper

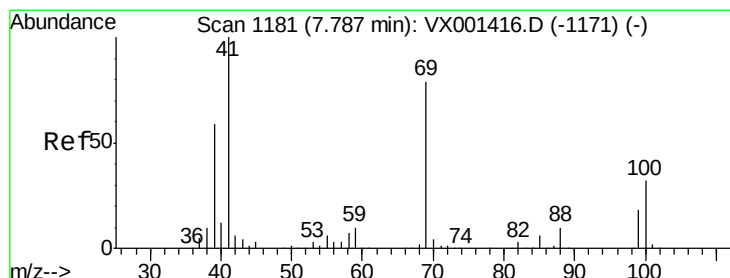
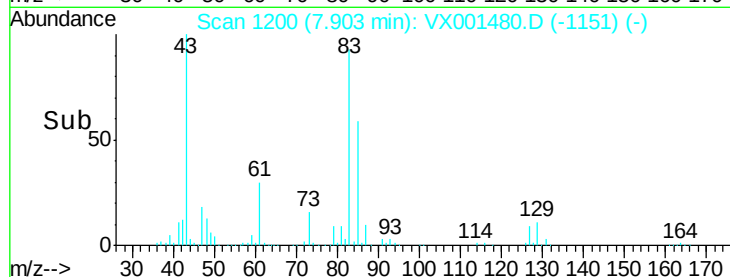
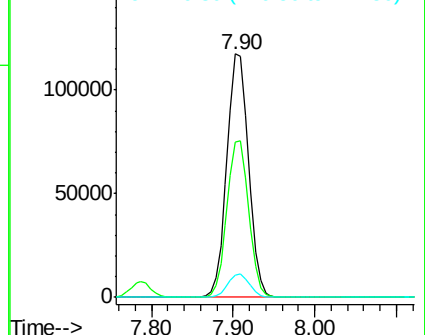
83 100

85 63.7 51.0 76.6

127 9.2 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: 53.89 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

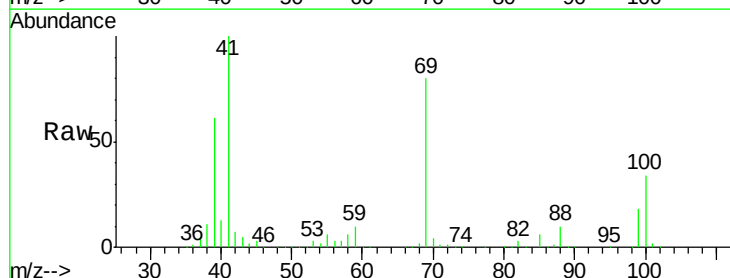
Tgt Ion: 41 Resp: 202585

Ion Ratio Lower Upper

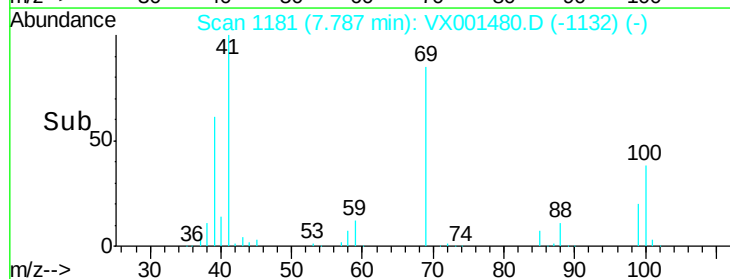
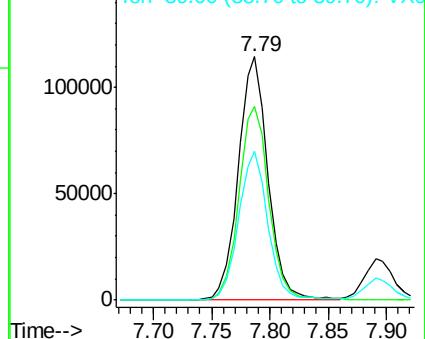
41 100

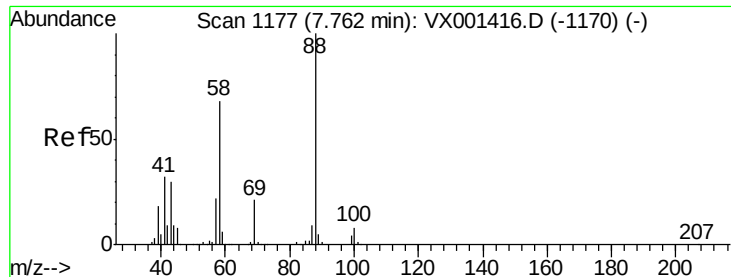
69 81.1 63.4 95.2

39 60.2 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

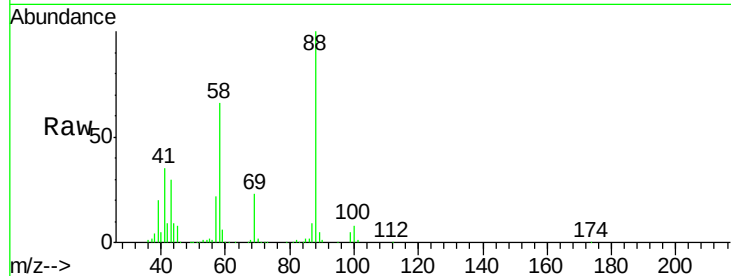




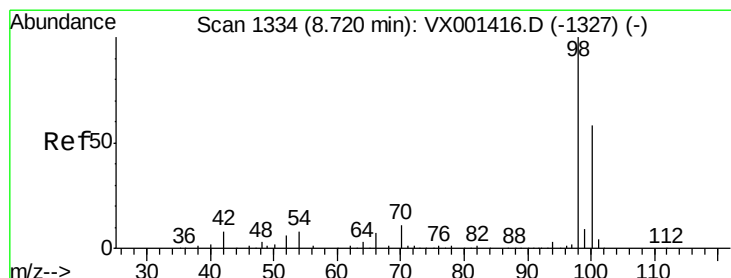
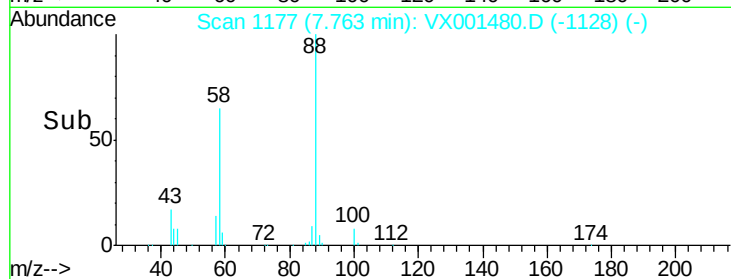
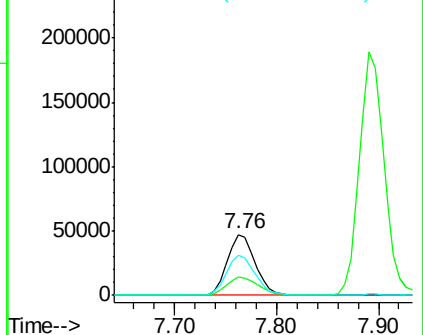
#49
1,4-Dioxane
Concen: 1095.39 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 88966
Ion Ratio Lower Upper
88 100
43 33.5 26.4 39.6
58 68.1 54.1 81.1

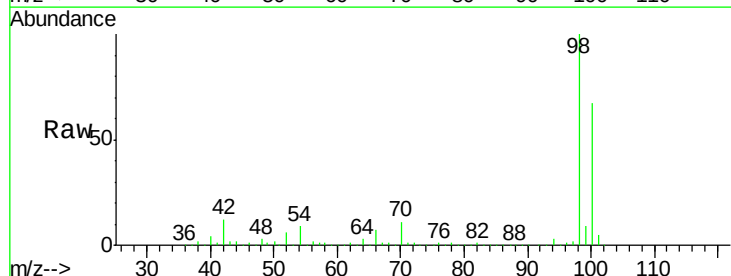


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

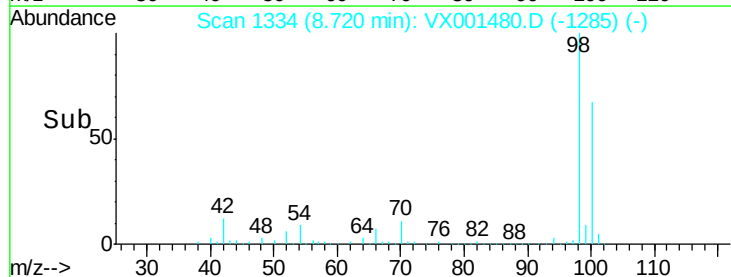
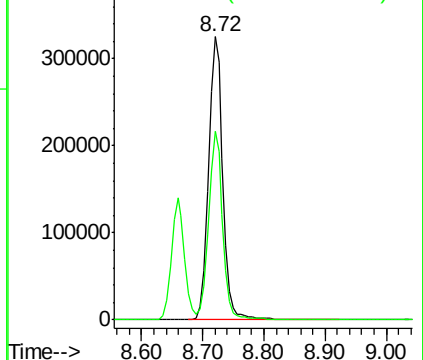


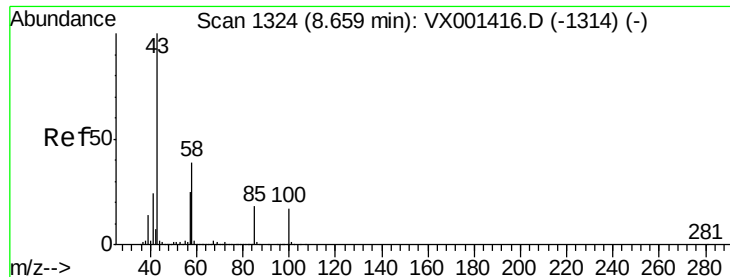
#50
Toluene-d8
Concen: 50.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 98 Resp: 533978
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



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





#51

4-Methyl-2-Pentanone

Concen: 280.63 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

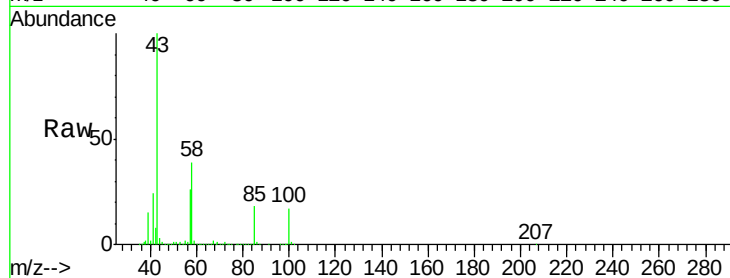
VSTDCCC050

Tgt Ion: 43 Resp: 1287460

Ion Ratio Lower Upper

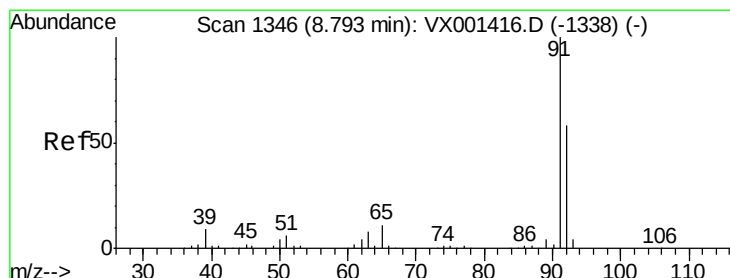
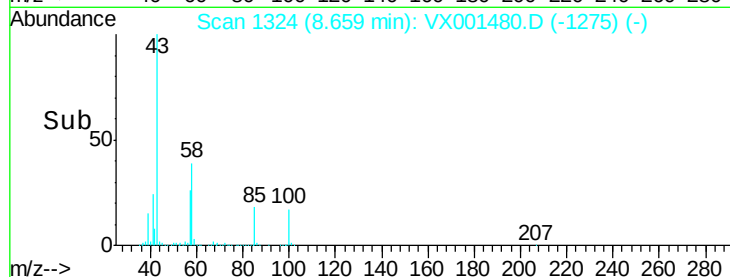
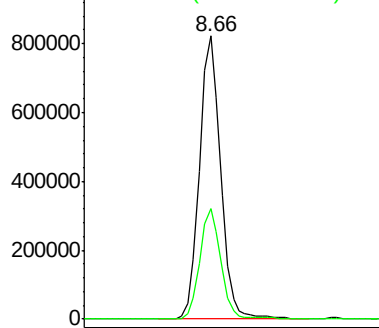
43 100

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



#52

Toluene

Concen: 53.38 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001480.D

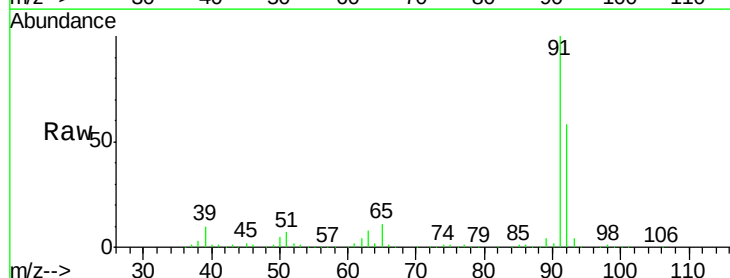
Acq: 07 May 2018 22:00

Tgt Ion: 92 Resp: 418263

Ion Ratio Lower Upper

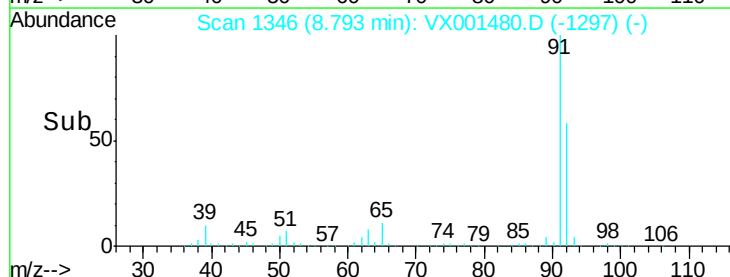
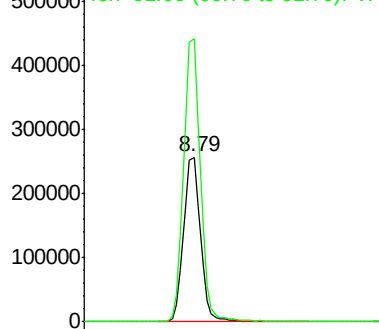
92 100

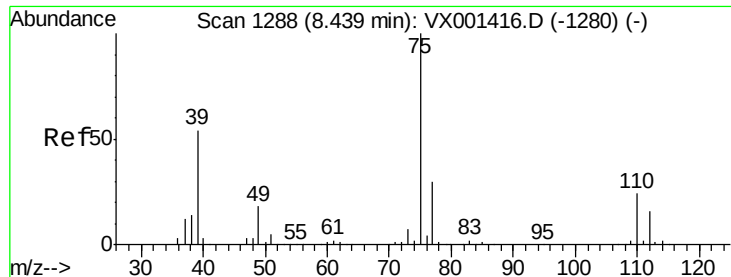
91 171.3 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

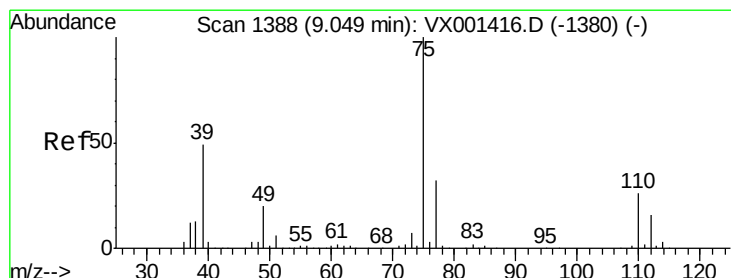
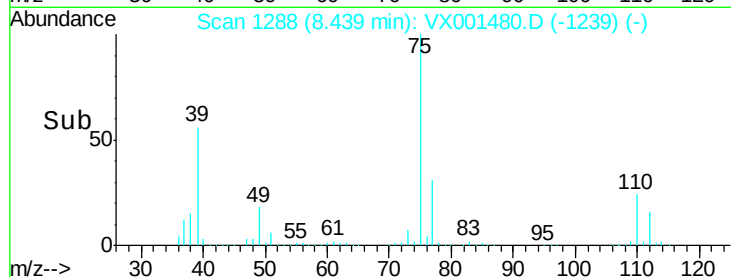
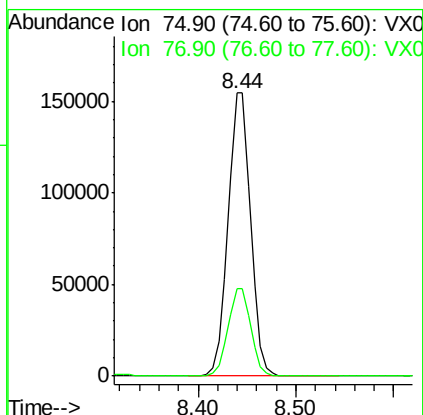
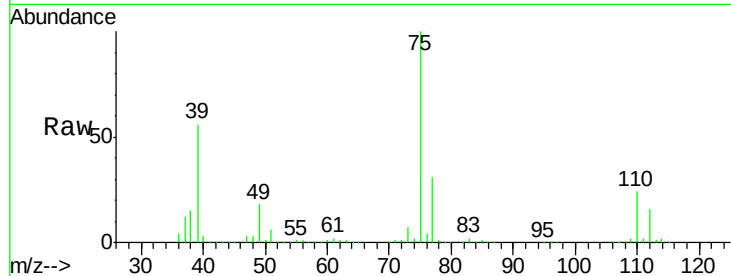




#53
t-1,3-Dichloropropene
Concen: 55.70 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

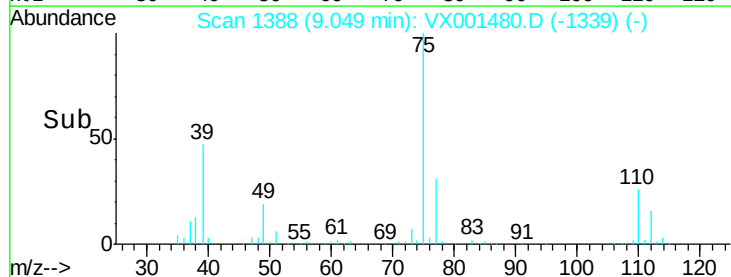
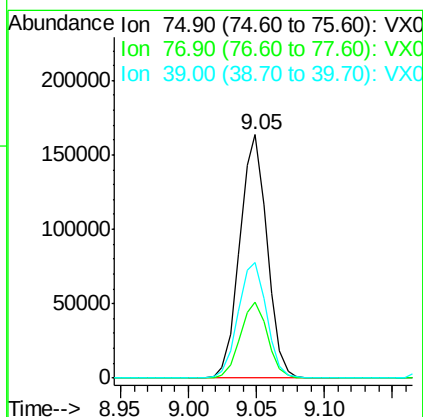
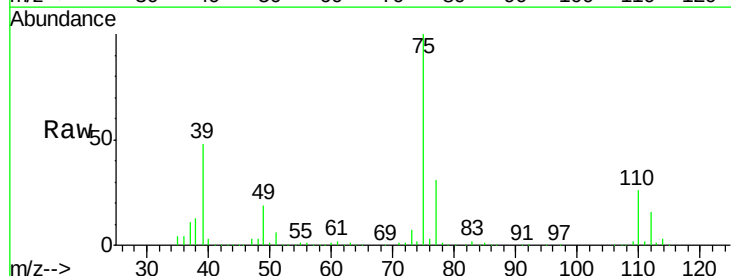
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

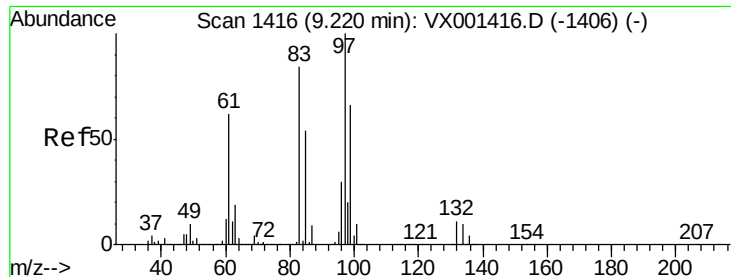
Tgt Ion: 75 Resp: 246390
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 50.05 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 75 Resp: 228889
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 47.6 38.9 58.3

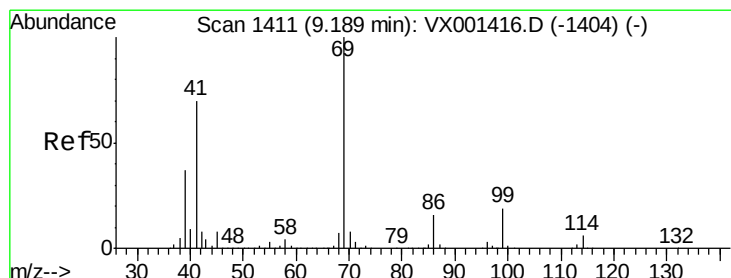
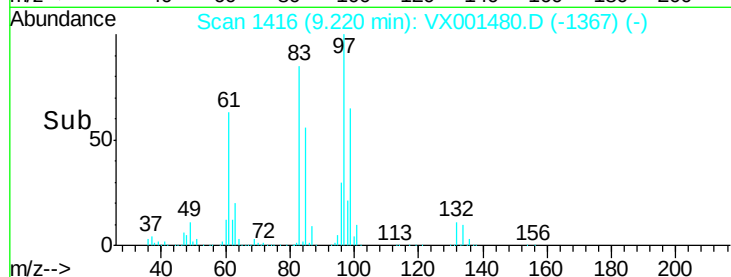
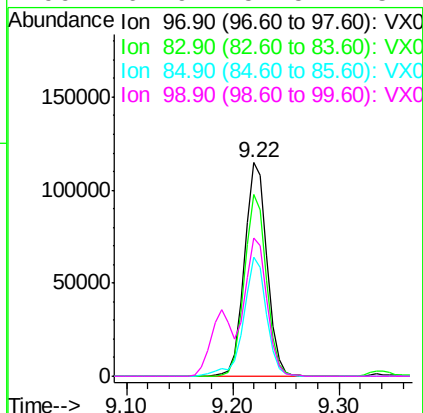
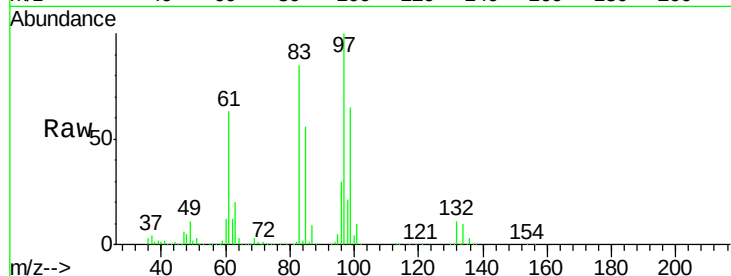




#55
 1,1,2-Trichloroethane
 Concen: 54.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

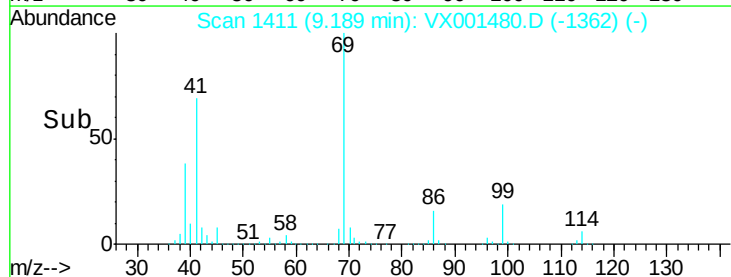
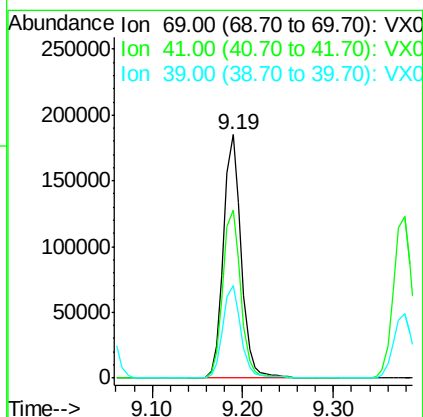
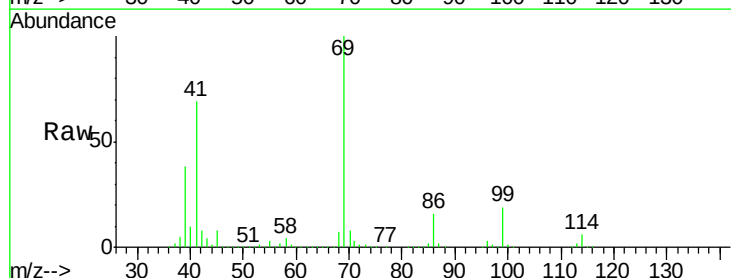
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

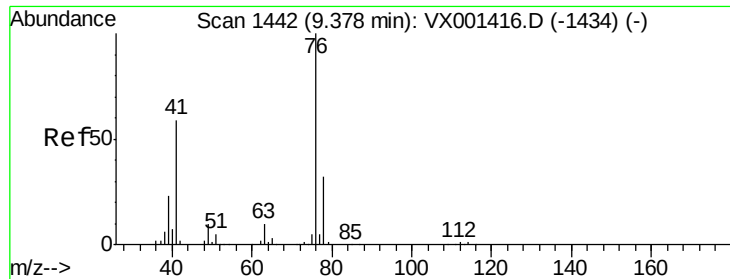
Tgt Ion:	97	Resp:	170740
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.0
85	55.7	43.3	64.9
99	64.9	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 55.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion:	69	Resp:	253606
Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.1	82.7
39	38.7	29.9	44.9

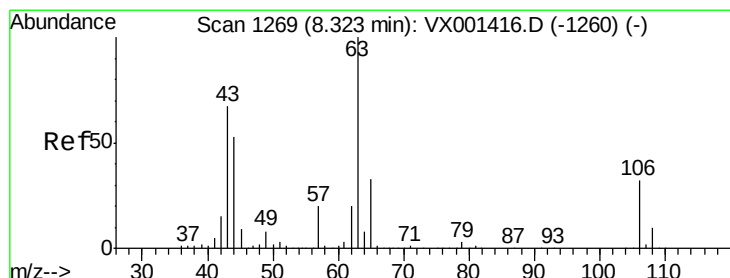
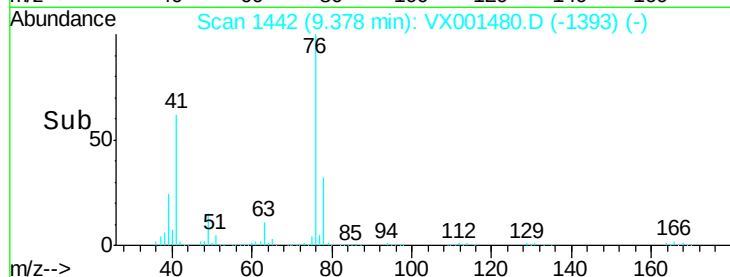
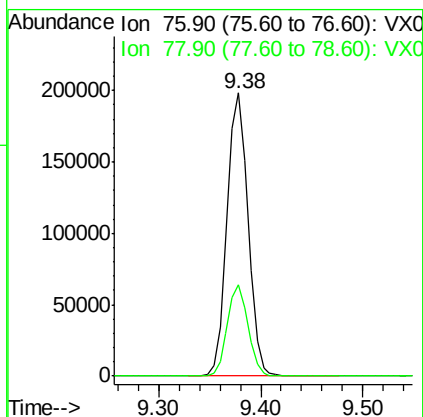
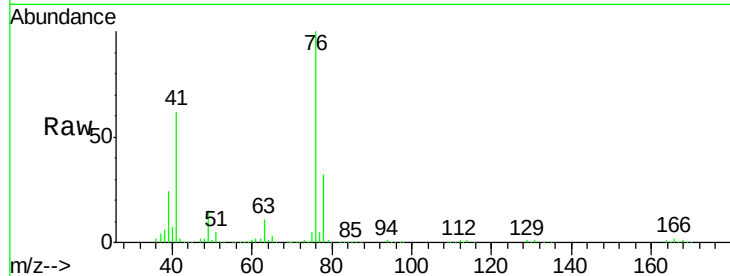




#57
 1,3-Dichloropropane
 Concen: 54.06 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

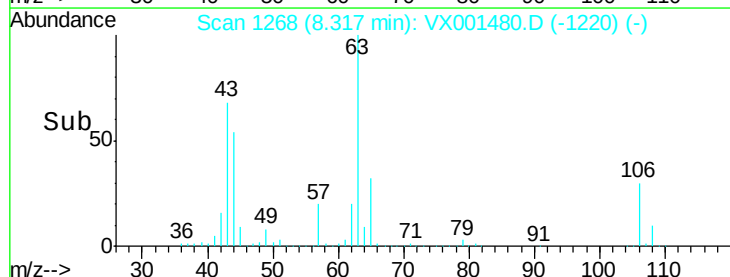
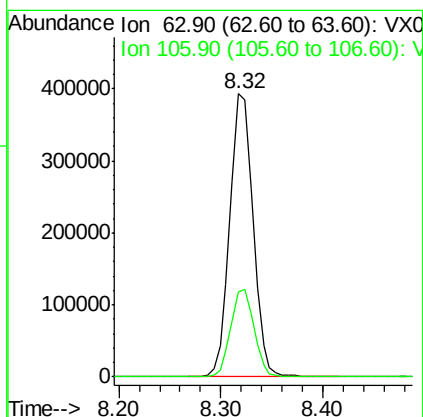
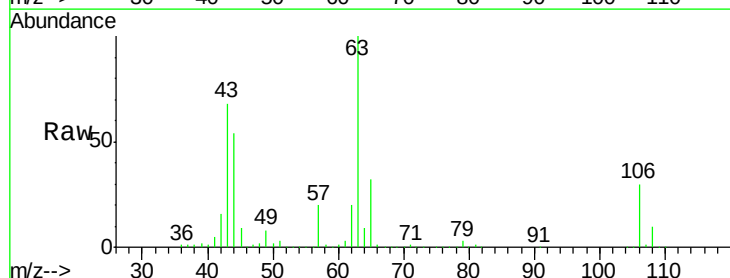
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

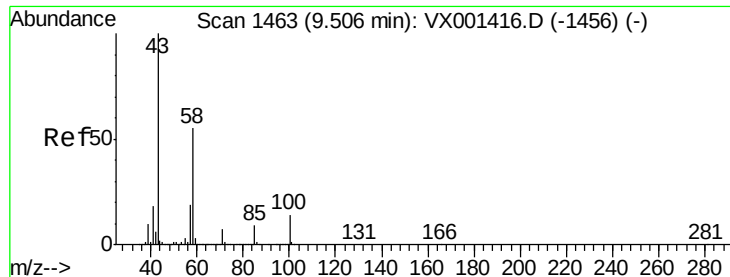
Tgt Ion: 76 Resp: 282165
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.26 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion: 63 Resp: 618820
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0

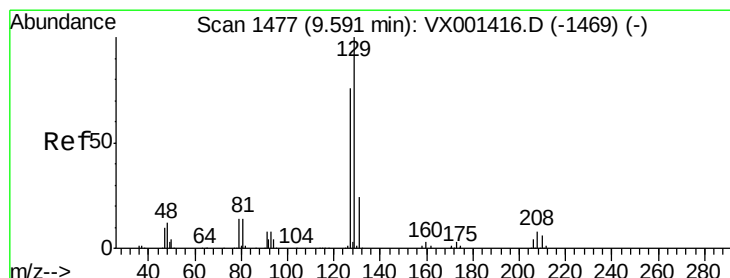
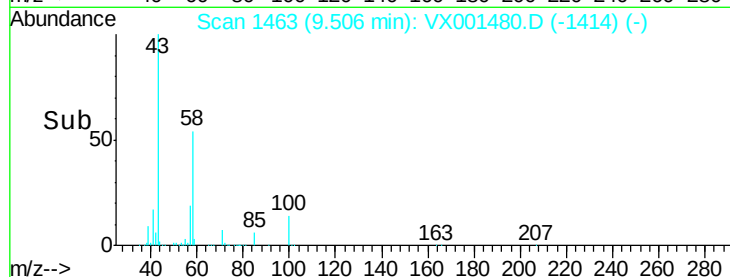
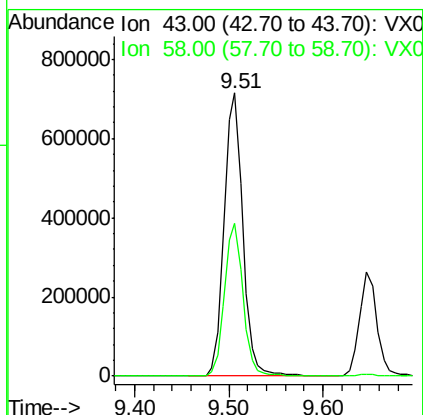
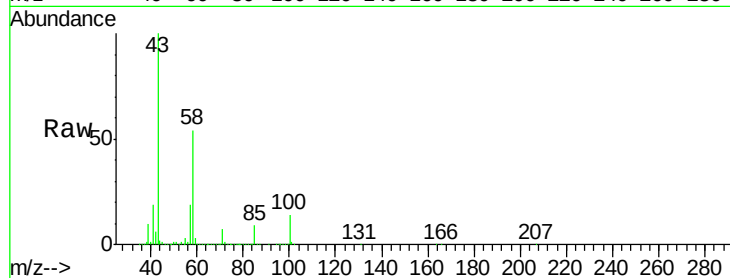




#59
2-Hexanone
Concen: 280.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

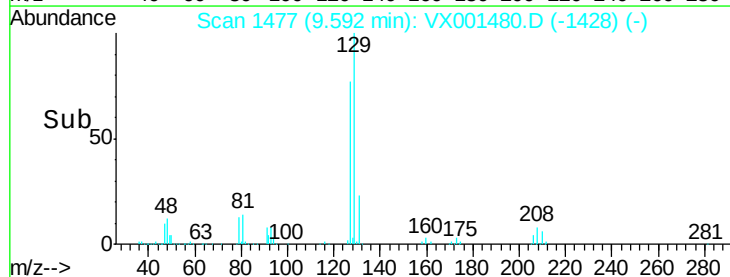
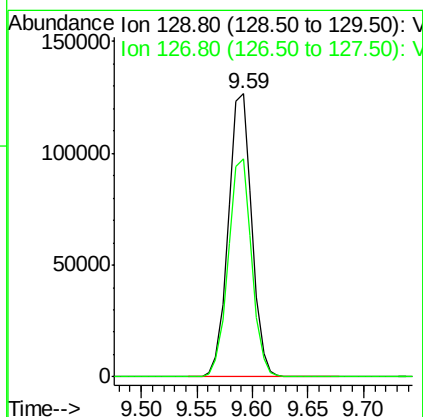
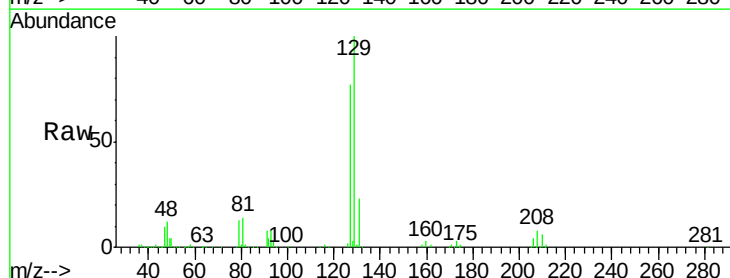
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

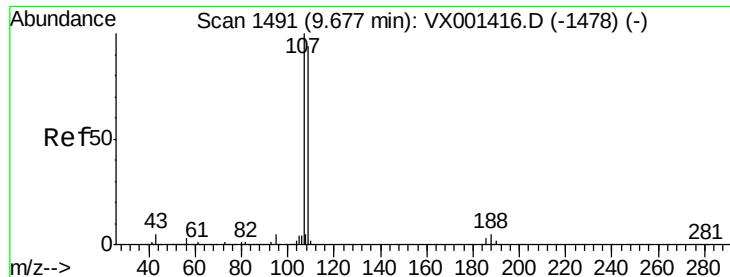
Tgt Ion: 43 Resp: 985615
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.2



#60
Dibromochloromethane
Concen: 56.97 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 129 Resp: 184181
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 54.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

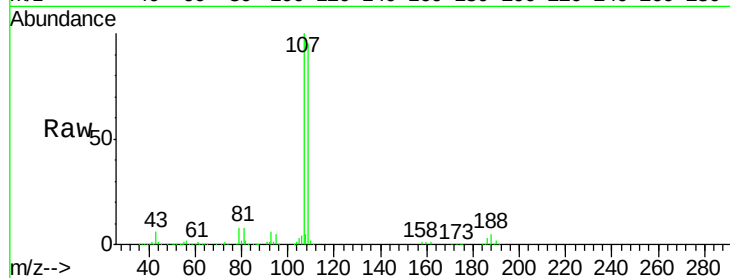
VSTDCCC050

Tgt Ion: 107 Resp: 181207

Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

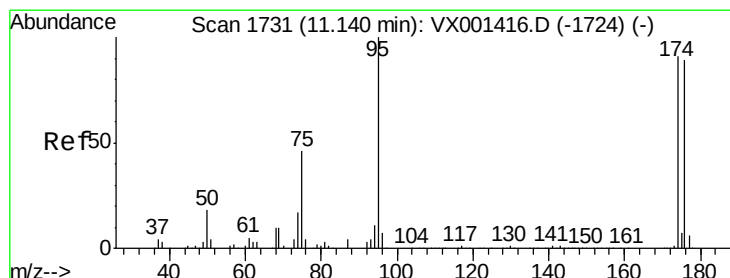
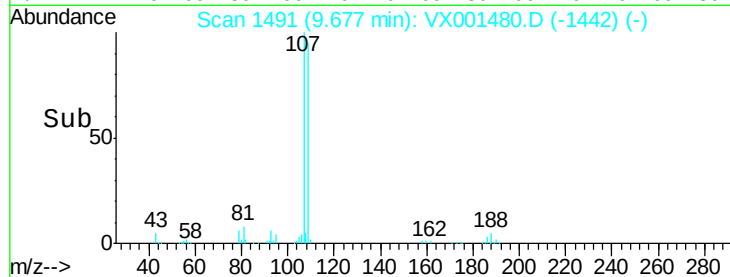
50000

0

9.68

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

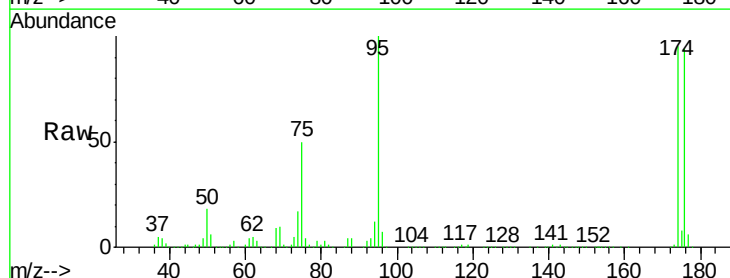
Tgt Ion: 95 Resp: 202757

Ion Ratio Lower Upper

95 100

174 100.7 0.0 202.0

176 98.2 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

200000

150000

100000

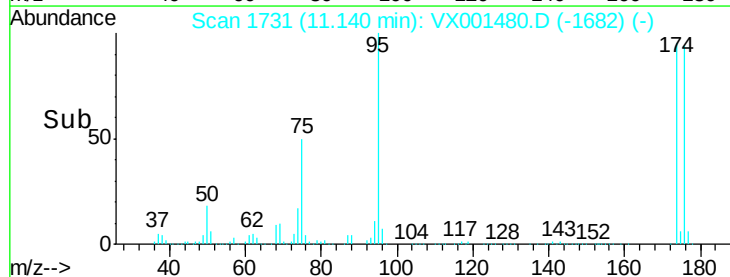
50000

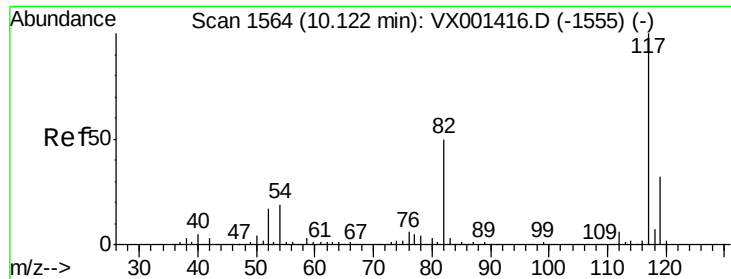
0

11.14

11.10 11.20

Time-->

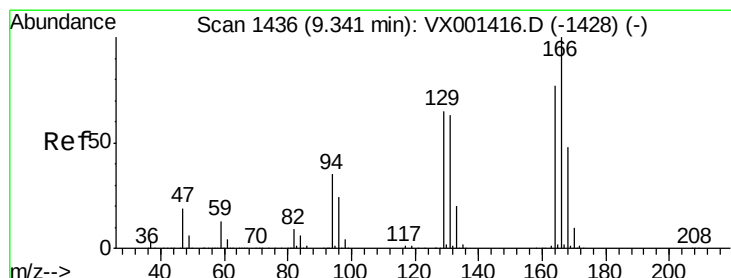
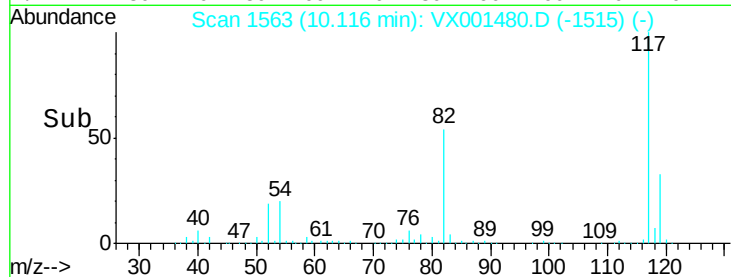
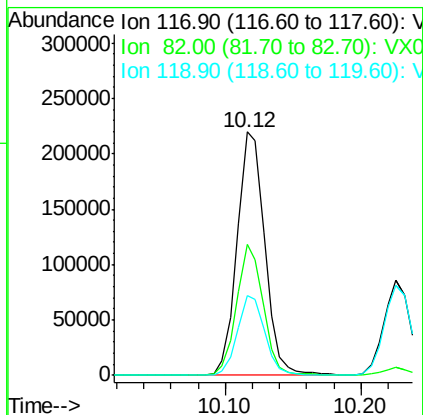
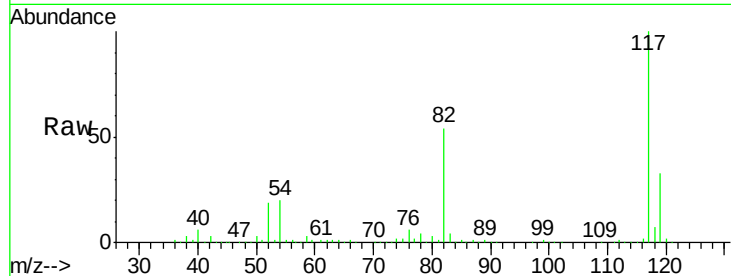




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

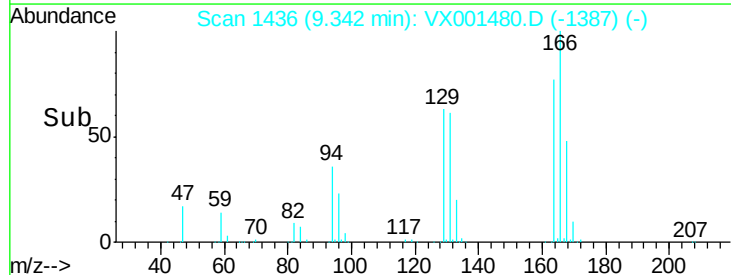
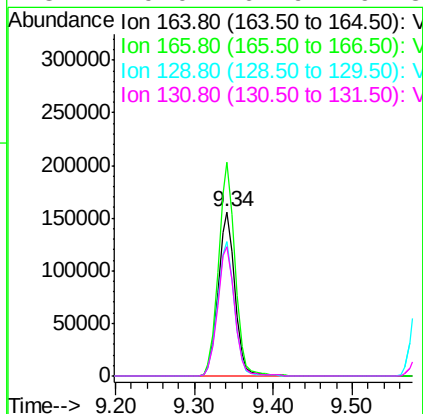
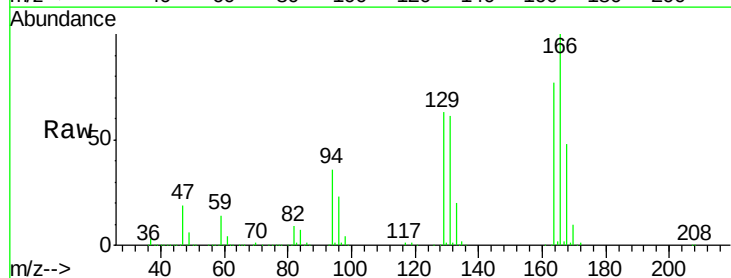
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

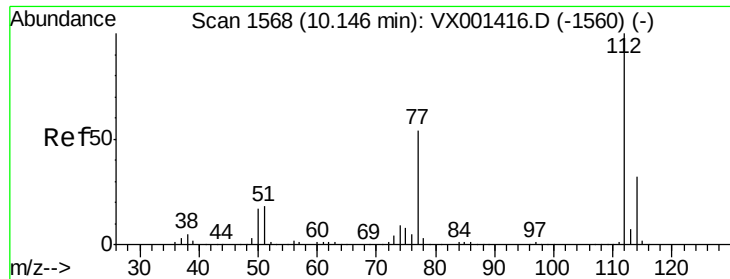
Tgt Ion:117 Resp: 312477
Ion Ratio Lower Upper
117 100
82 53.8 40.0 60.0
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 52.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion:164 Resp: 230800
Ion Ratio Lower Upper
164 100
166 130.0 103.5 155.3
129 82.1 66.7 100.1
131 79.0 64.9 97.3

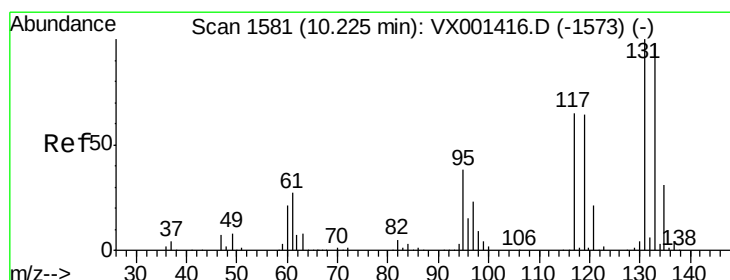
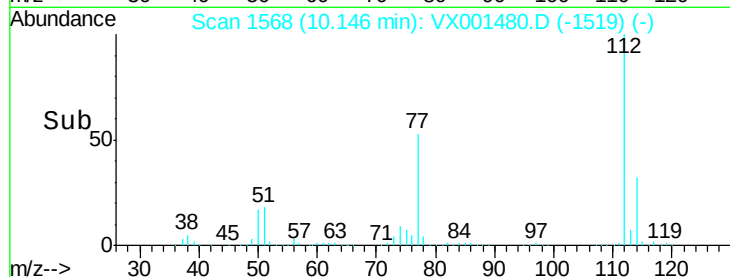
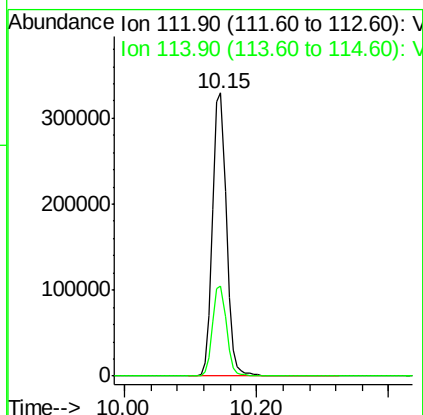
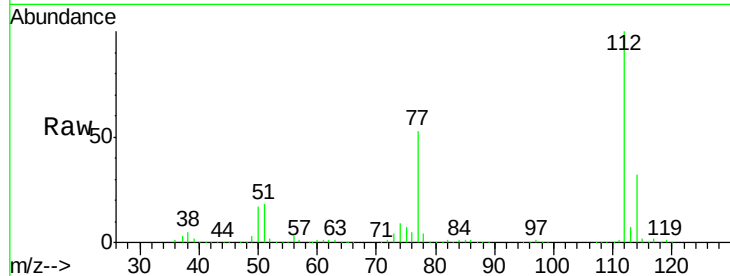




#65
Chlorobenzene
Concen: 51.98 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

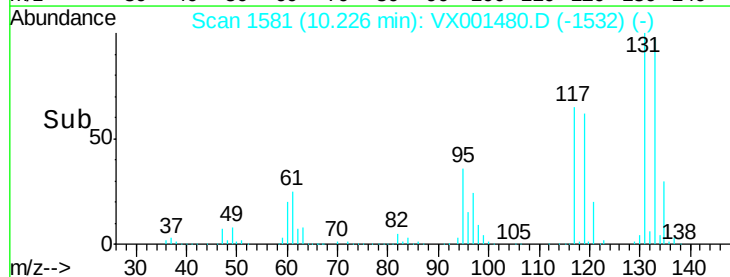
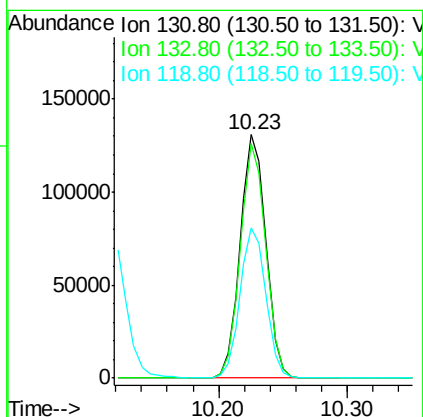
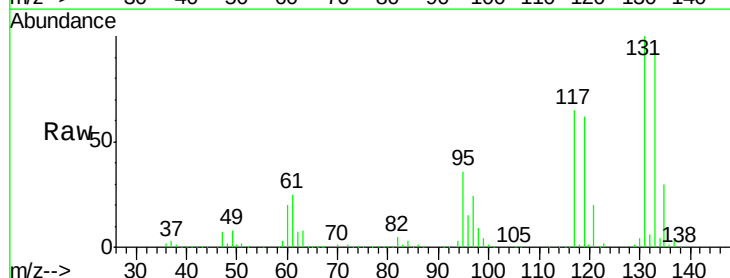
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

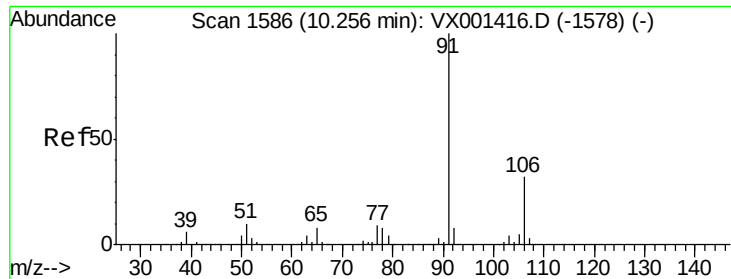
Tgt Ion:112 Resp: 476352
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.97 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion:131 Resp: 180193
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 61.9 31.1 93.3

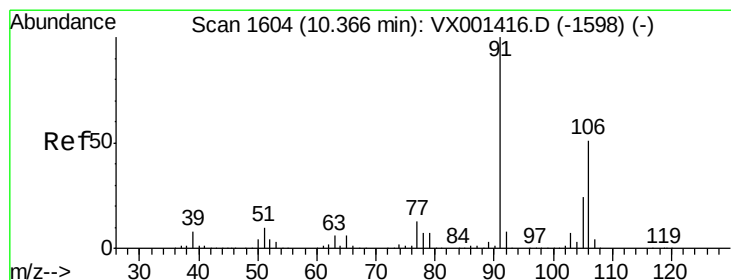
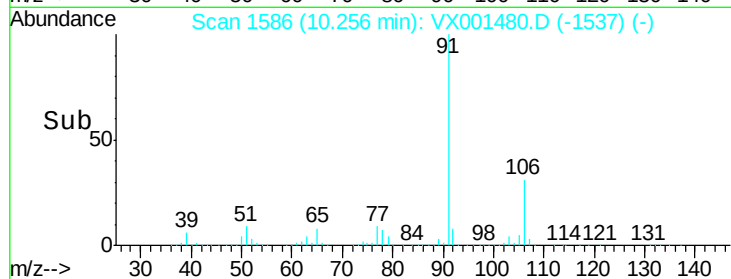
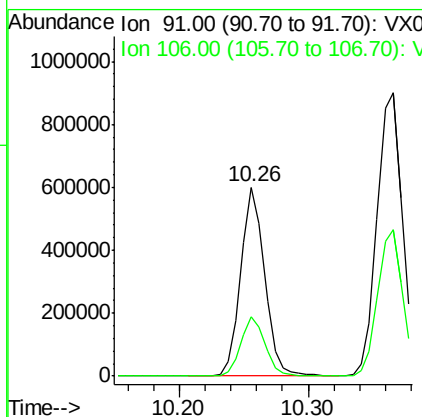
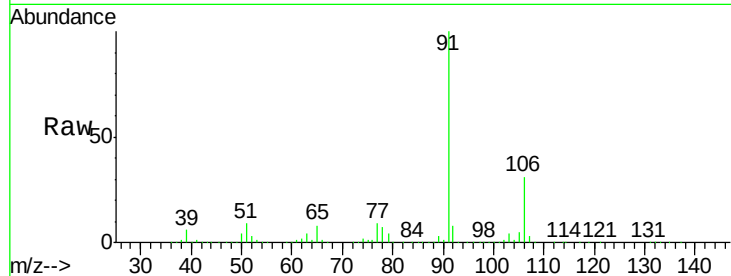




#67
Ethyl Benzene
Concen: 51.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

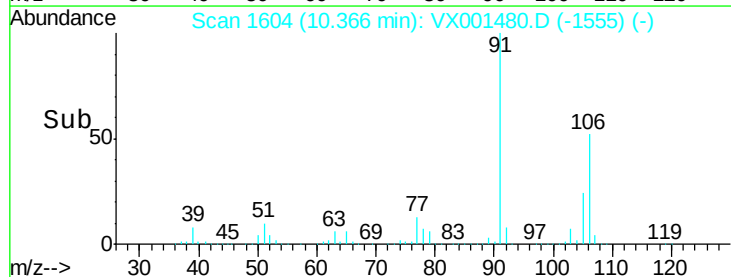
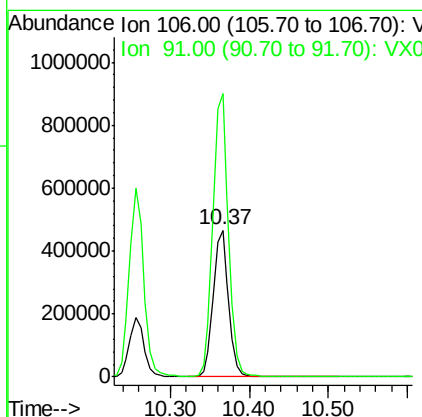
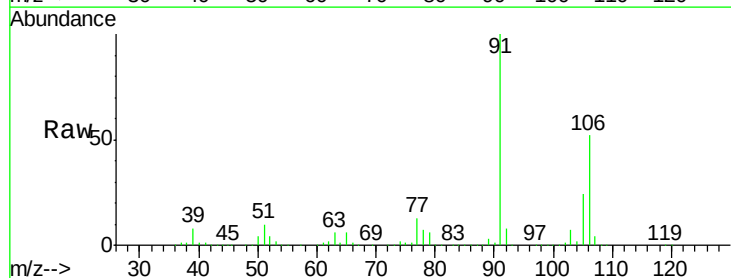
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

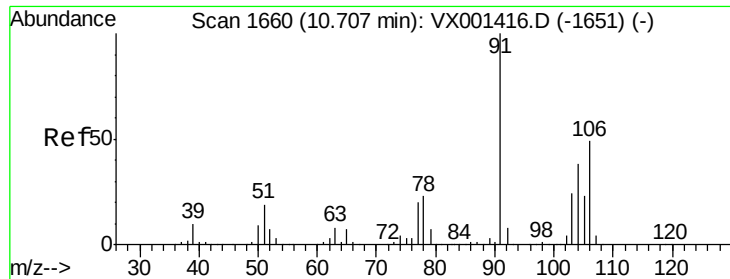
Tgt Ion: 91 Resp: 780010
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 106.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 106 Resp: 631014
Ion Ratio Lower Upper
106 100
91 196.2 157.5 236.3

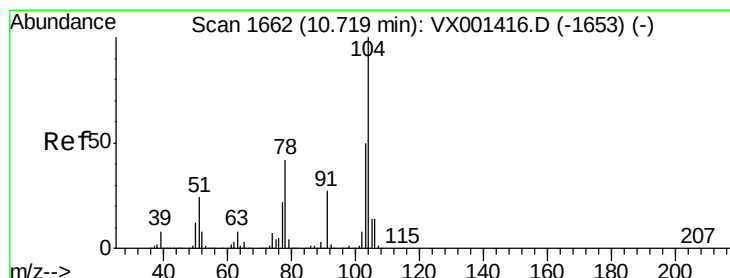
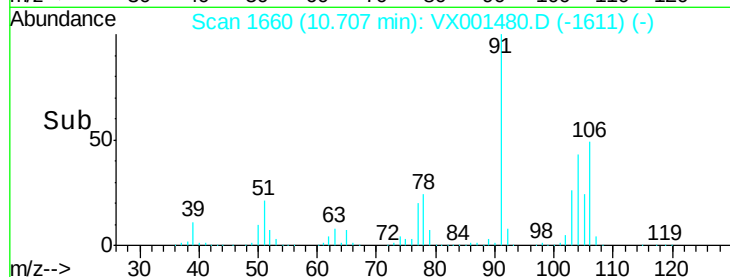
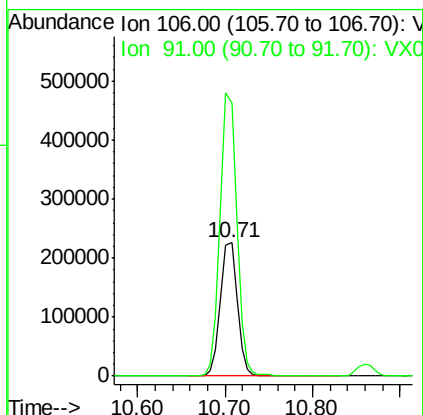
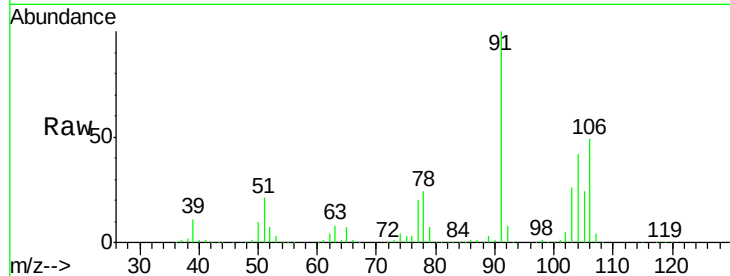




#69
o-Xylene
Concen: 53.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

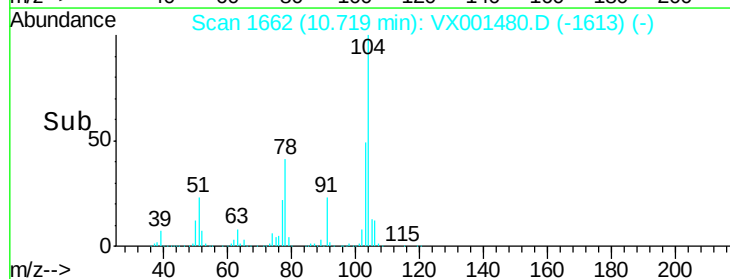
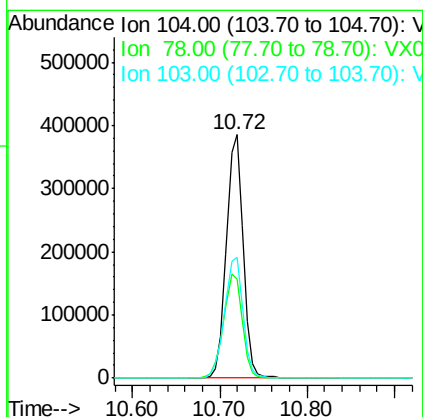
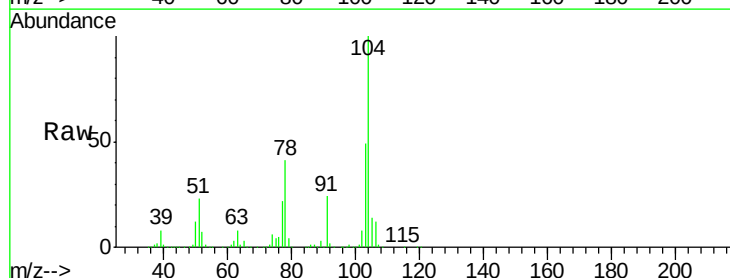
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

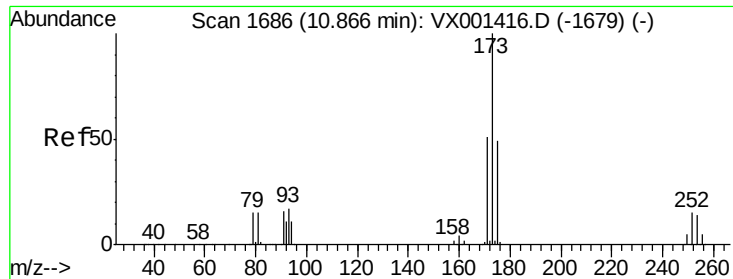
Tgt Ion:106 Resp: 306104
Ion Ratio Lower Upper
106 100
91 209.1 103.1 309.1



#70
Styrene
Concen: 54.71 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion:104 Resp: 512685
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.7 44.0 66.0





#71

Bromoform

Concen: 48.21 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

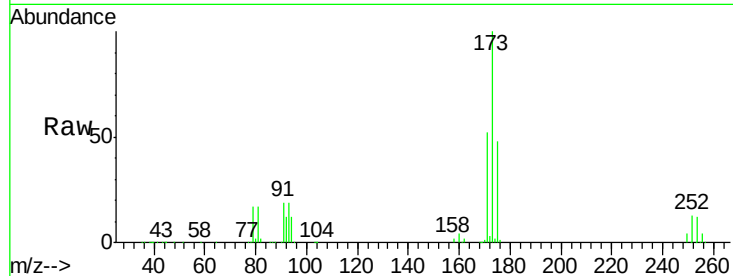
Tgt Ion:173 Resp: 151564

Ion Ratio Lower Upper

173 100

175 49.2 24.5 73.5

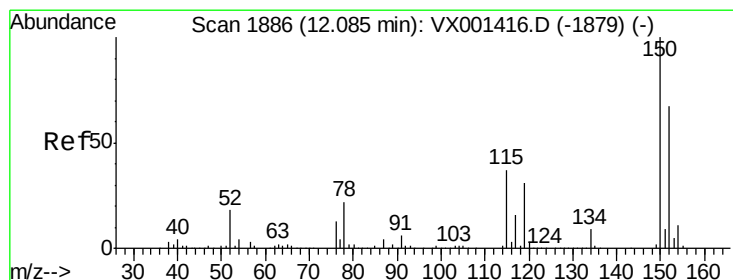
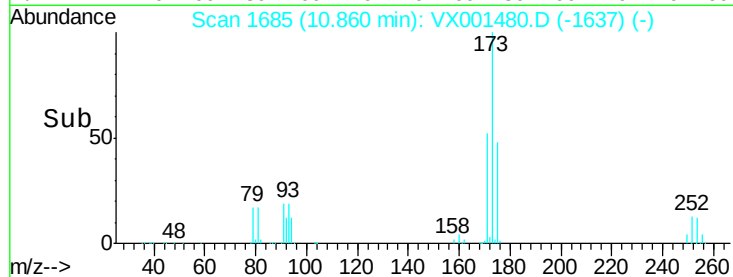
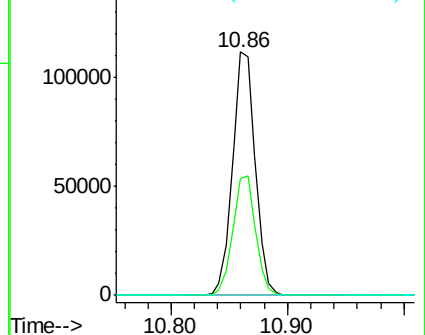
254 0.2 0.2 0.2



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: VX001480.D

Acq: 07 May 2018 22:00

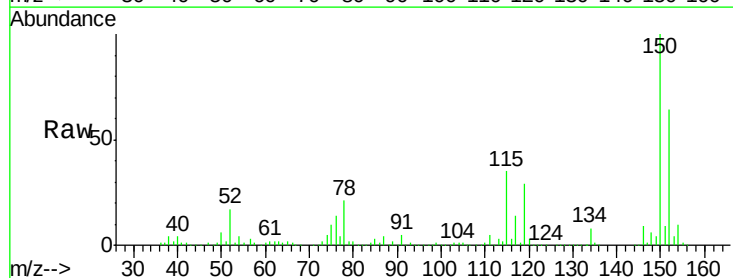
Tgt Ion:152 Resp: 227998

Ion Ratio Lower Upper

152 100

115 77.9 37.7 113.1

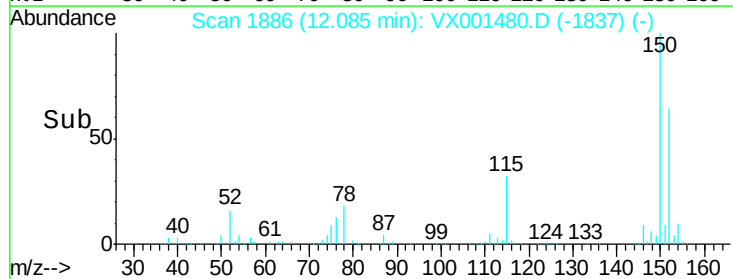
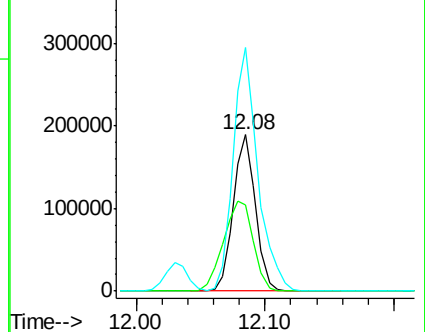
150 173.6 0.0 349.4

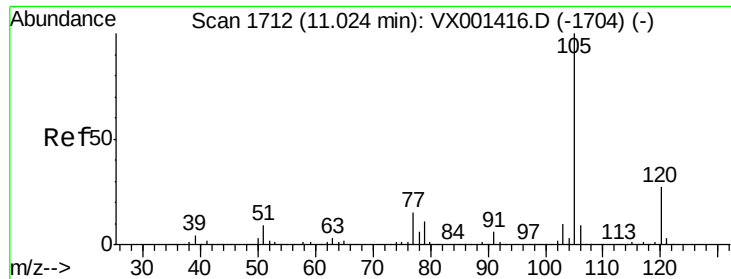


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

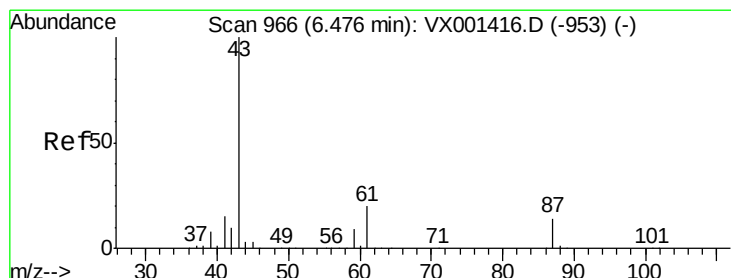
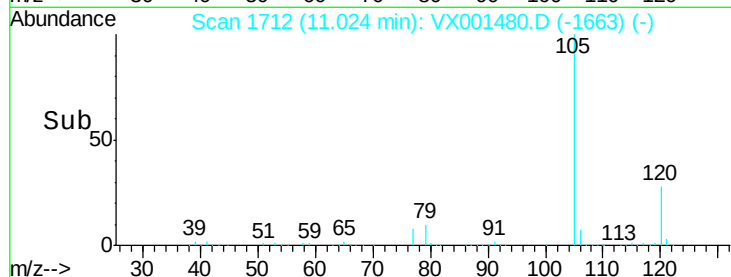
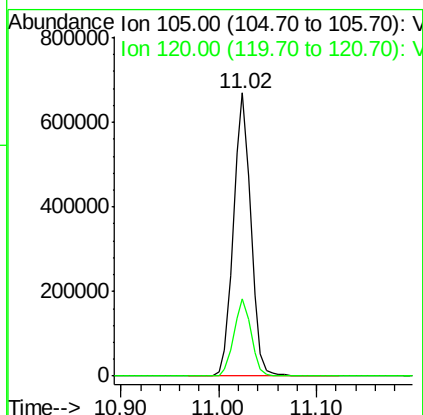
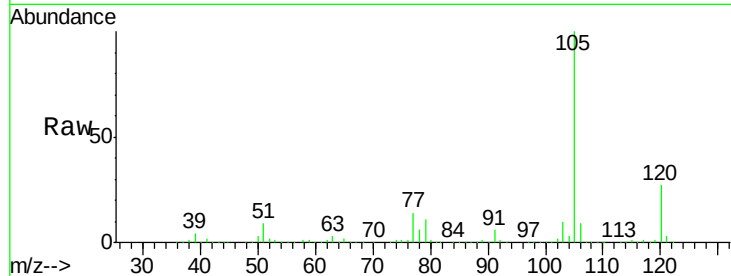




#73
Isopropylbenzene
Concen: 52.39 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

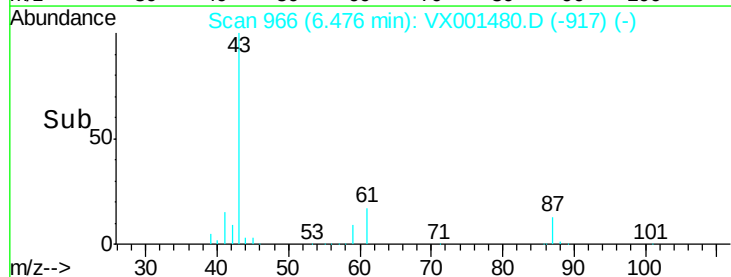
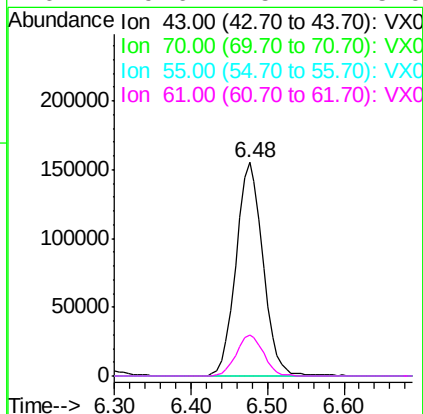
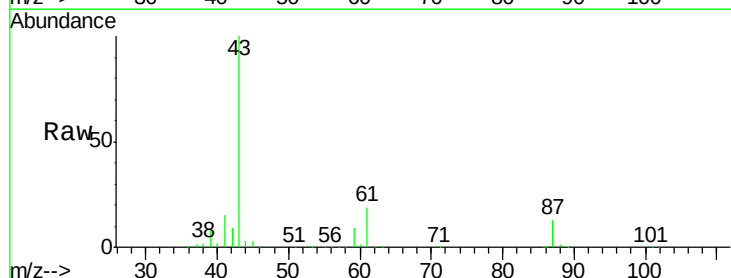
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

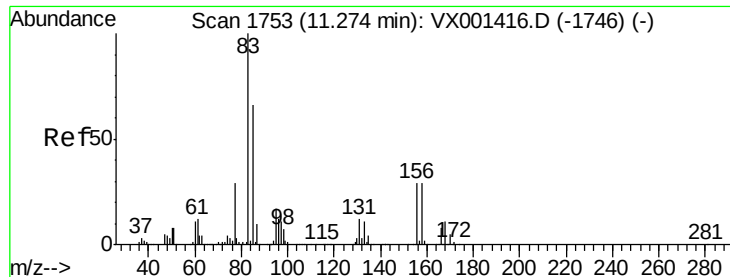
Tgt Ion: 105 Resp: 826851
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8



#74
N-ethyl acetate
Concen: 52.63 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 43 Resp: 377309
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1
61 19.6 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

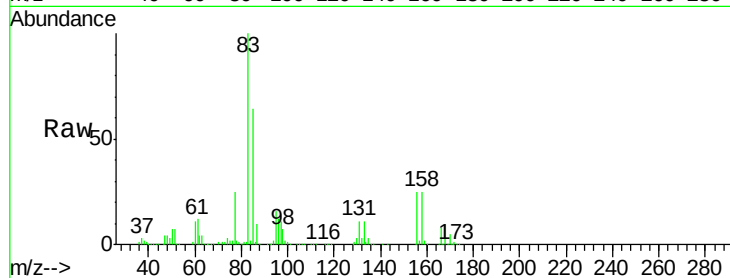
Tgt Ion: 83 Resp: 246122

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

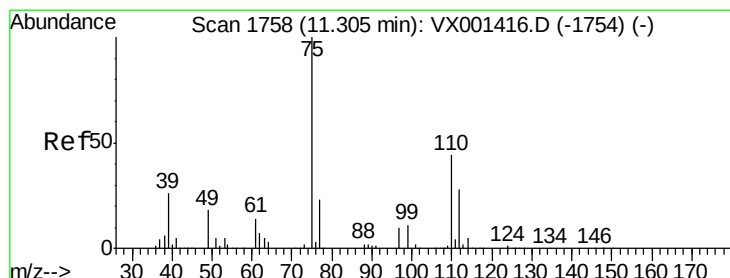
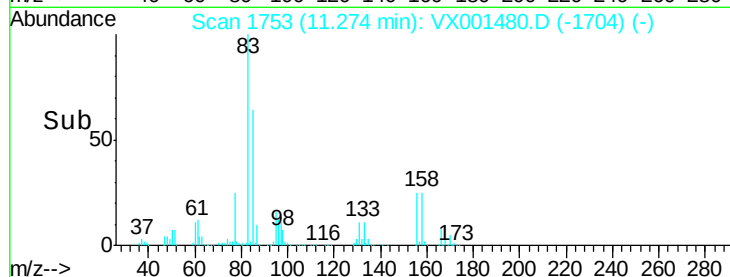
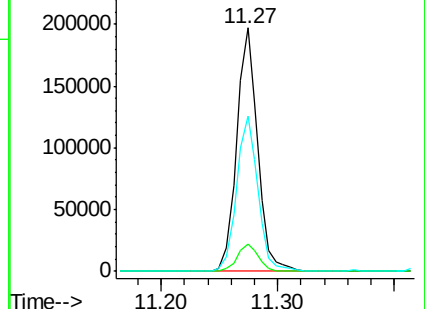
85 65.1 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX001416.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX001416.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX001416.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 62.39 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001480.D

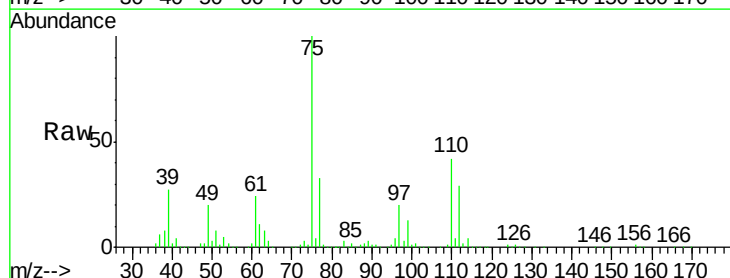
Acq: 07 May 2018 22:00

Tgt Ion: 75 Resp: 288504

Ion Ratio Lower Upper

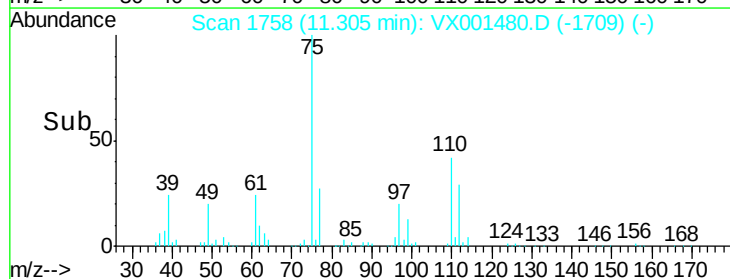
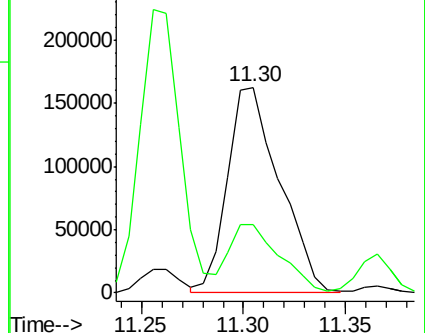
75 100

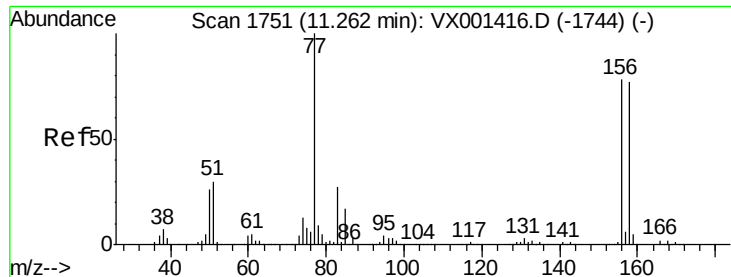
77 32.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX001416.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX001416.D (-1754) (-)





#77

Bromobenzene

Concen: 50.97 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

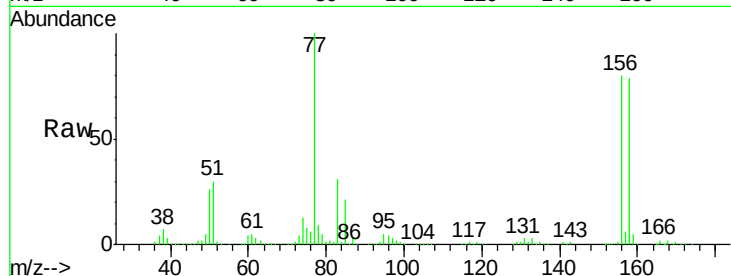
Tgt Ion:156 Resp: 233909

Ion Ratio Lower Upper

156 100

77 132.1 66.0 198.2

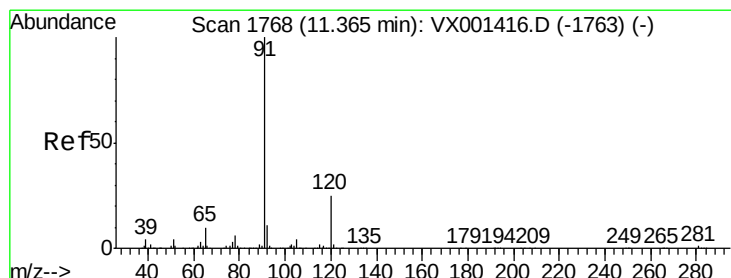
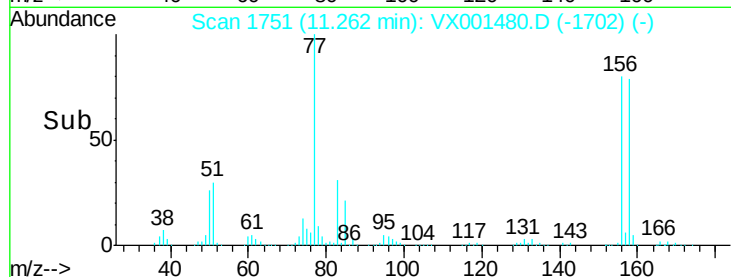
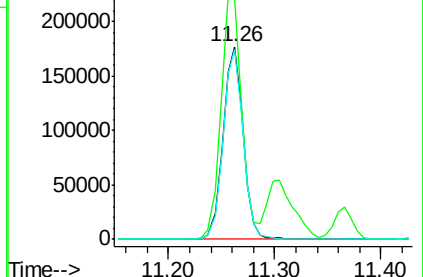
158 97.9 49.4 148.2



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: 53.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001480.D

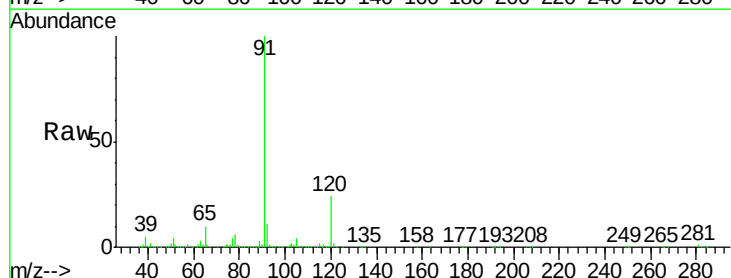
Acq: 07 May 2018 22:00

Tgt Ion: 91 Resp: 914709

Ion Ratio Lower Upper

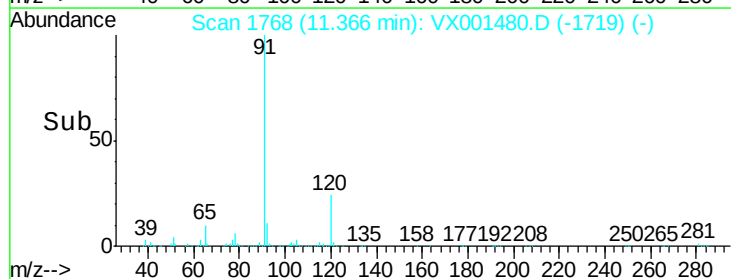
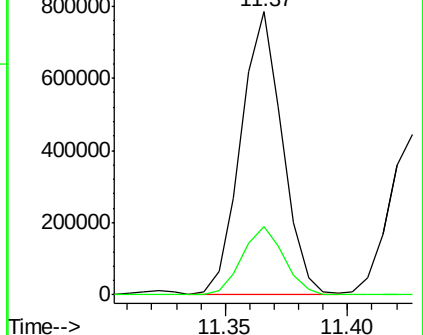
91 100

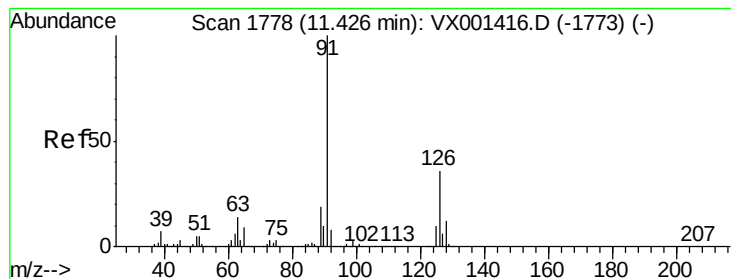
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.64 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

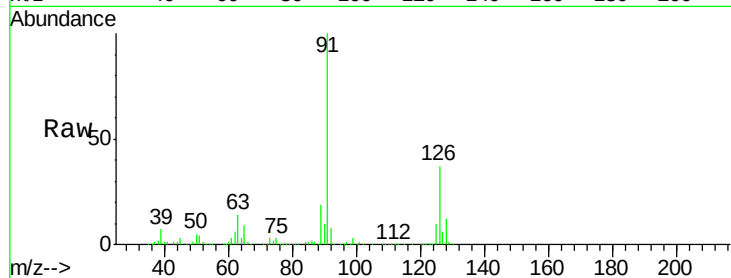
VSTDCCC050

Tgt Ion: 91 Resp: 546181

Ion Ratio Lower Upper

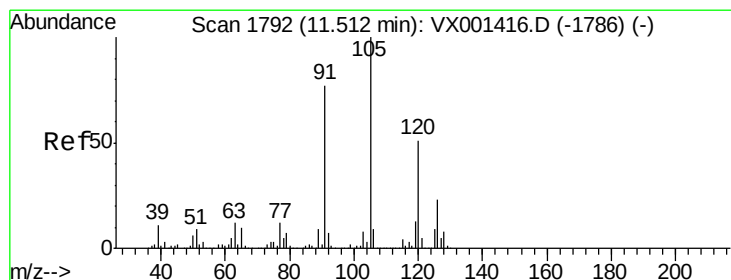
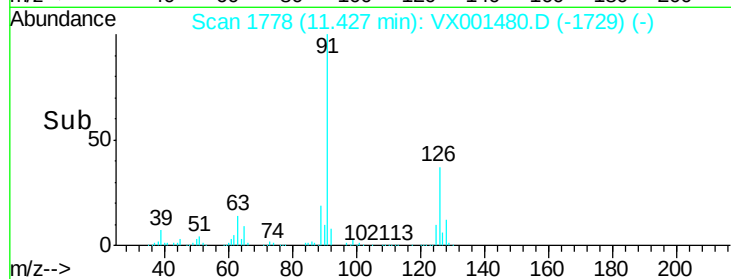
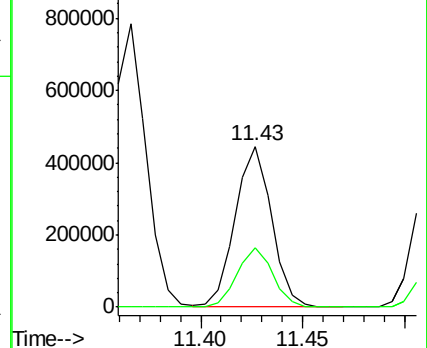
91 100

126 36.7 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001480.D

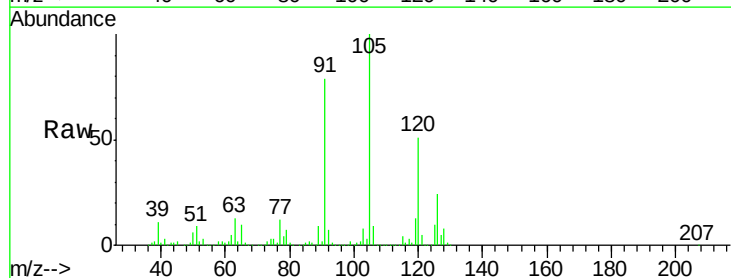
Acq: 07 May 2018 22:00

Tgt Ion: 105 Resp: 693540

Ion Ratio Lower Upper

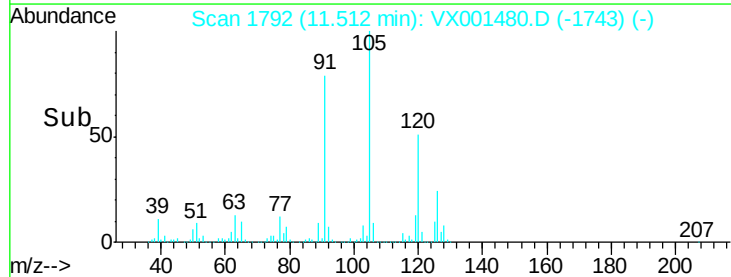
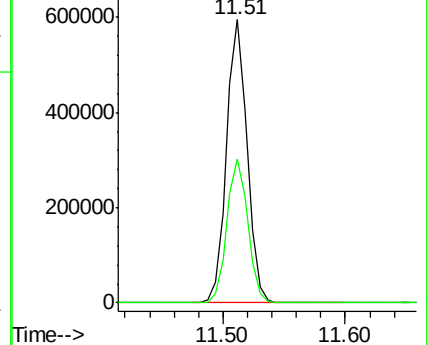
105 100

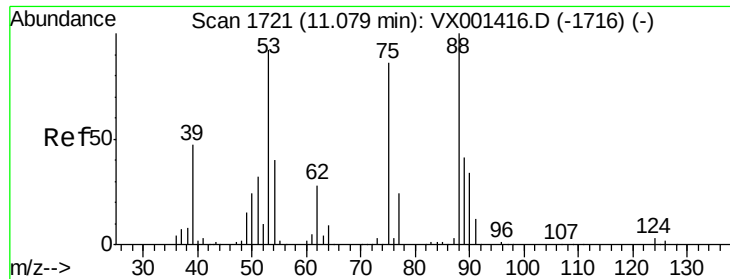
120 51.3 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.32 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

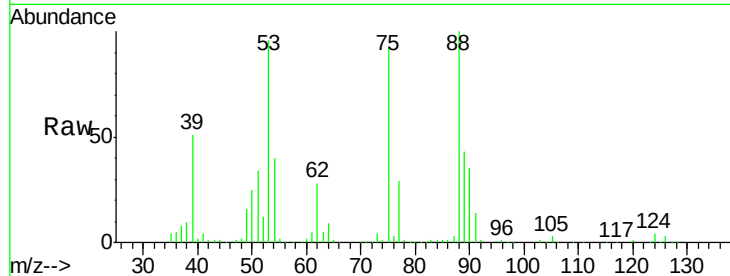
Tgt Ion: 75 Resp: 65094

Ion Ratio Lower Upper

75 100

53 108.4 84.5 126.7

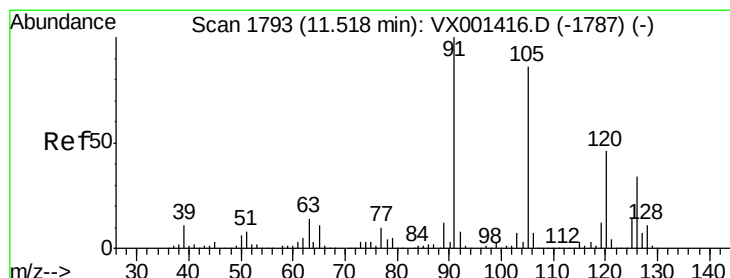
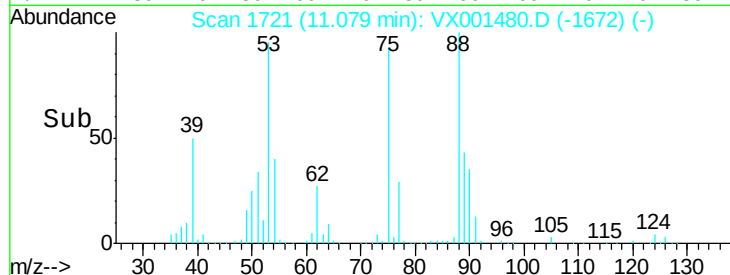
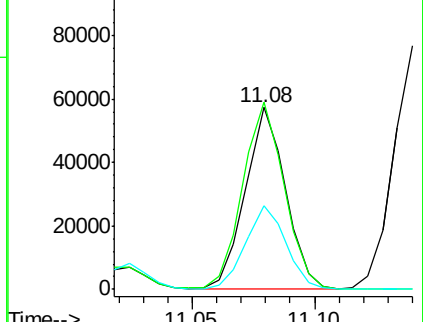
89 46.6 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.53 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001480.D

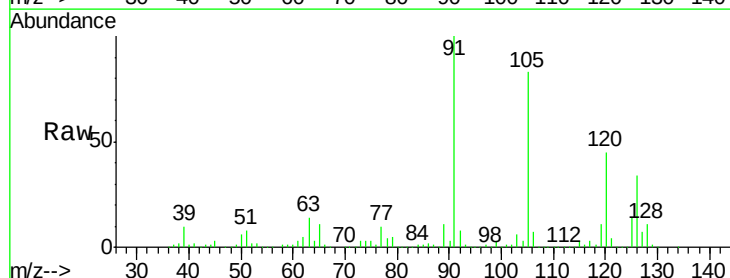
Acq: 07 May 2018 22:00

Tgt Ion: 91 Resp: 640951

Ion Ratio Lower Upper

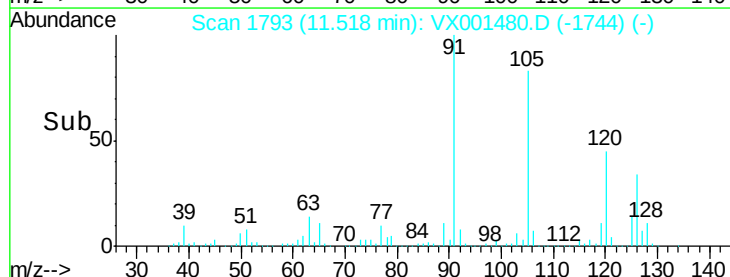
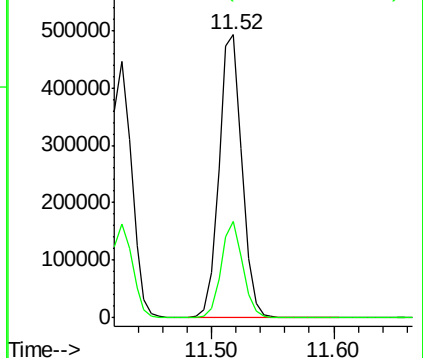
91 100

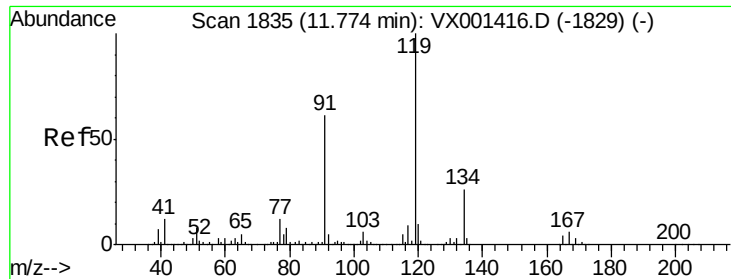
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

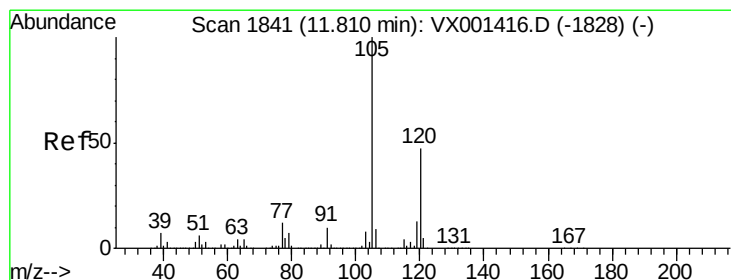
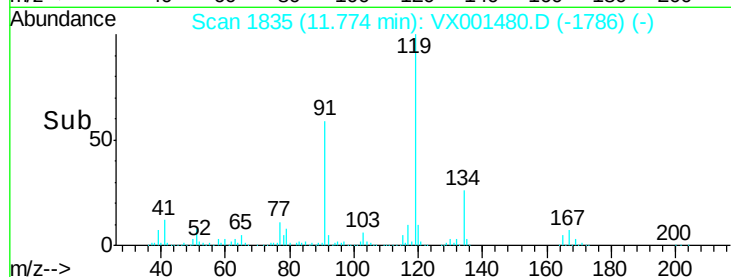
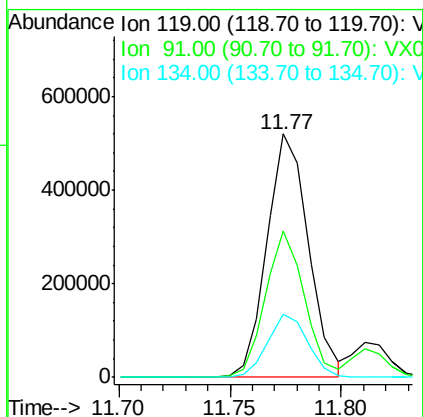
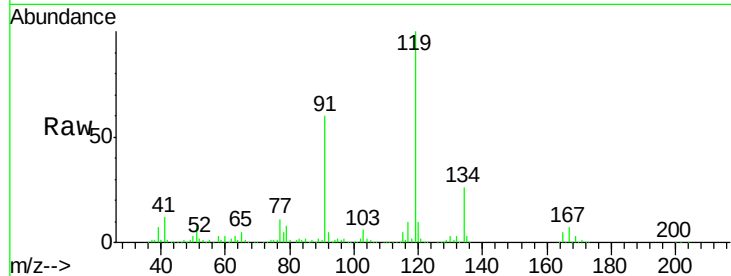




#83
 tert-Butylbenzene
 Concen: 51.42 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

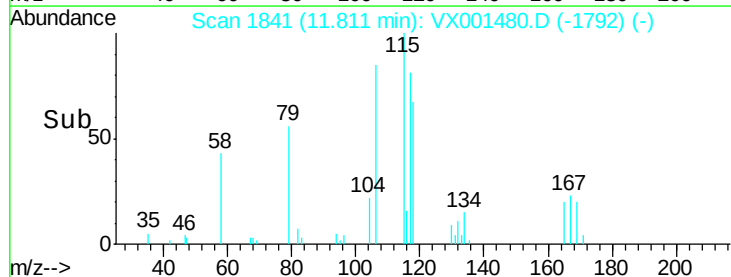
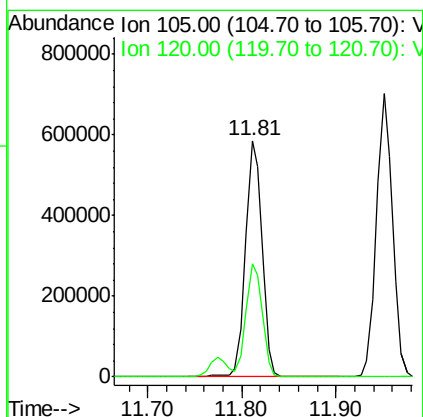
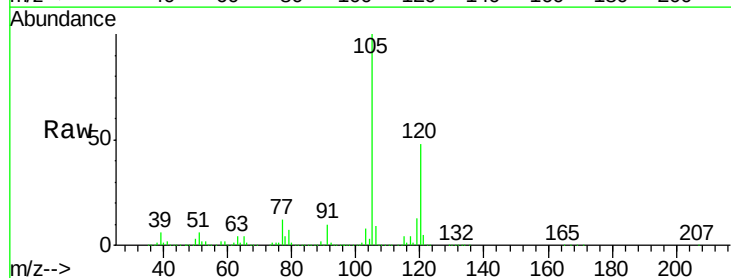
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

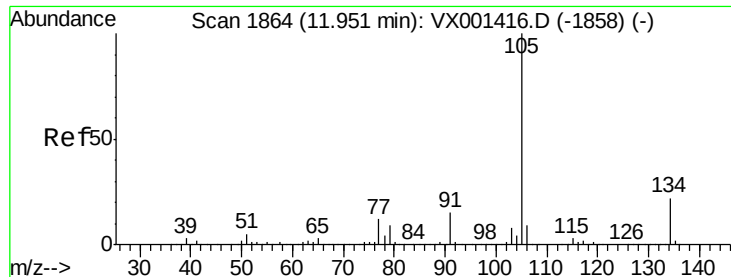
Tgt Ion:119 Resp: 672378
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.8 83.3
 134 25.2 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion:105 Resp: 717692
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.2





#85

sec-Butylbenzene

Concen: 53.17 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

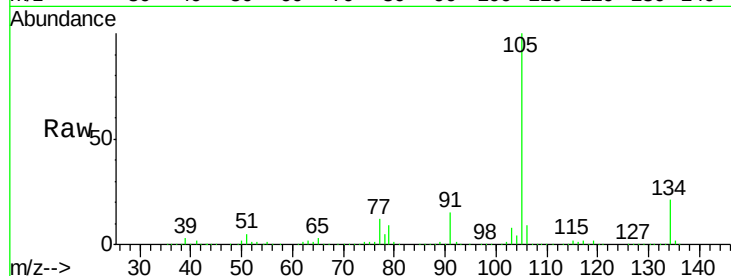
VSTDCCC050

Tgt Ion:105 Resp: 834457

Ion Ratio Lower Upper

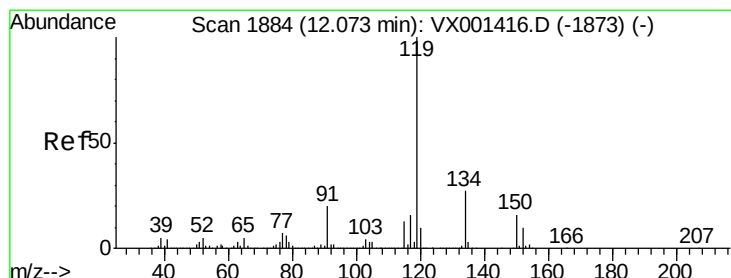
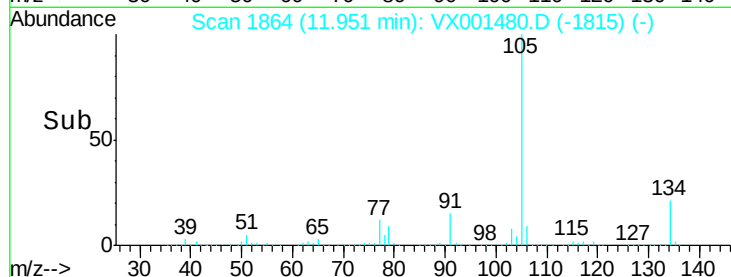
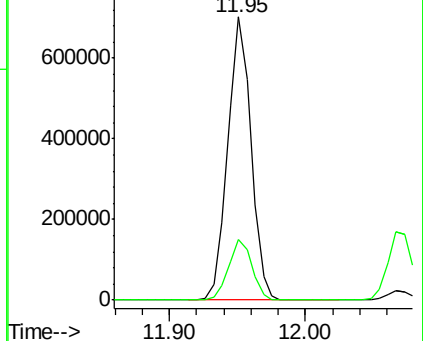
105 100

134 21.6 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: 53.62 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001480.D

Acq: 07 May 2018 22:00

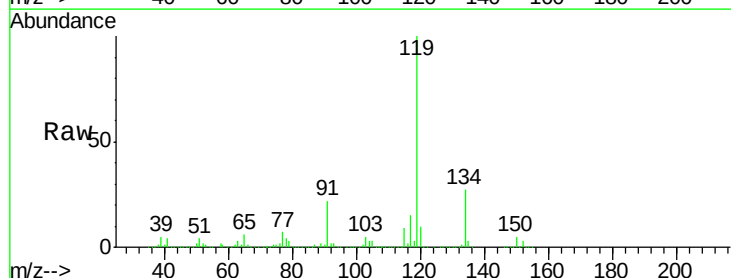
Tgt Ion:119 Resp: 772059

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

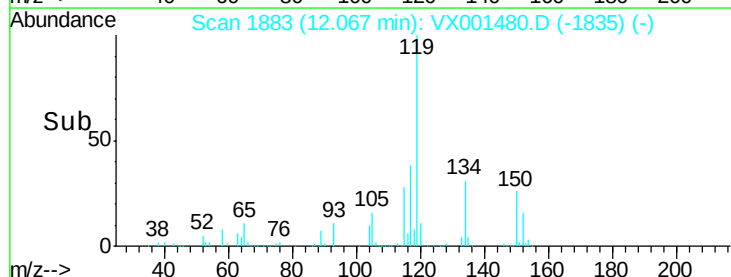
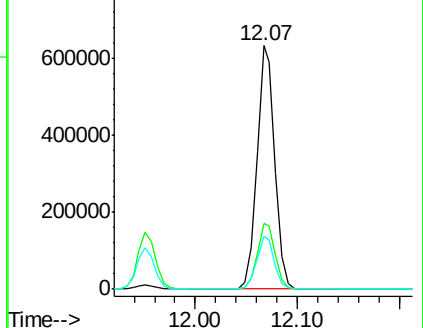
91 21.6 10.8 32.3

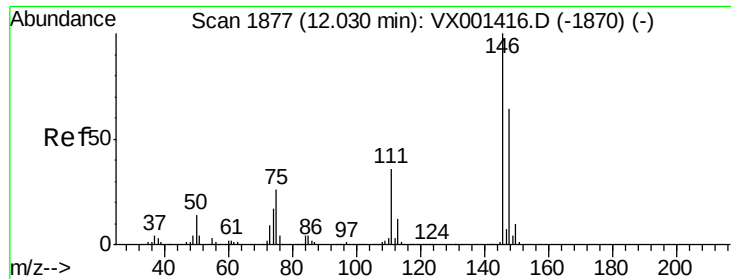


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

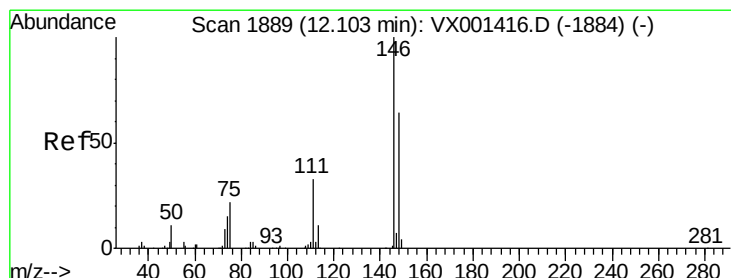
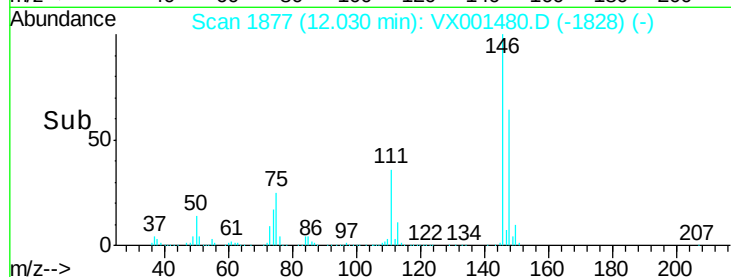
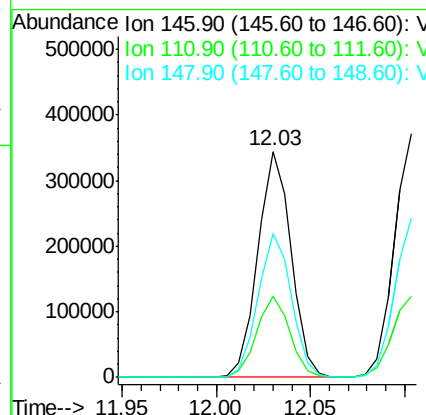
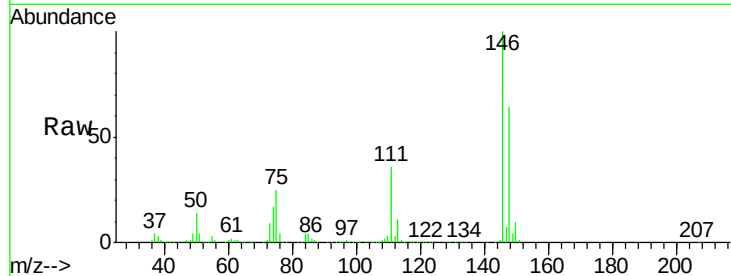




#87
 1,3-Dichlorobenzene
 Concen: 51.38 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

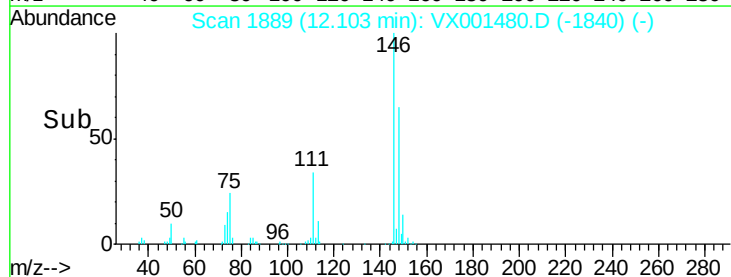
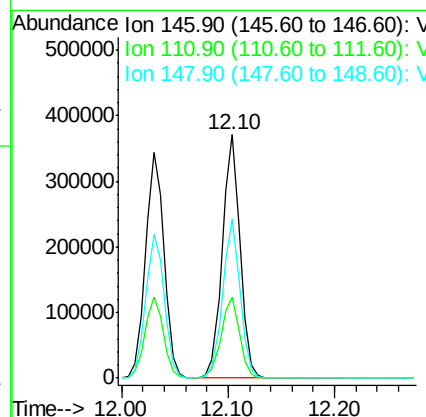
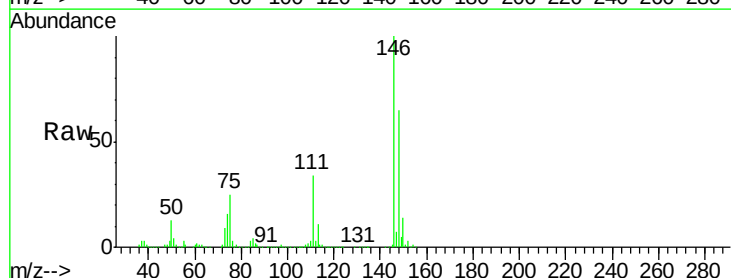
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

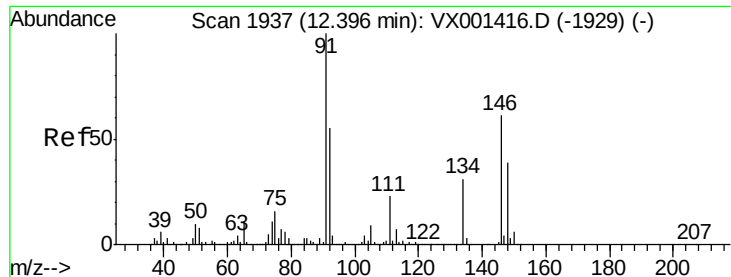
Tgt Ion:146 Resp: 421429
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion:146 Resp: 428949
 Ion Ratio Lower Upper
 146 100
 111 34.5 17.4 52.3
 148 64.6 32.2 96.6

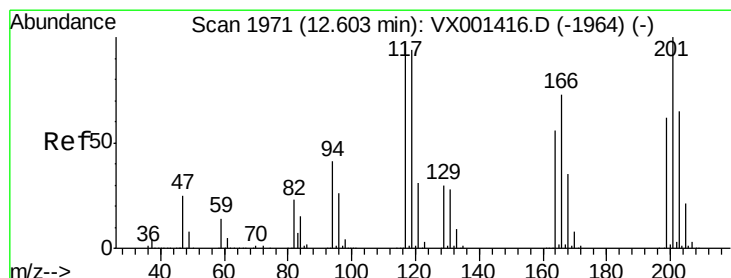
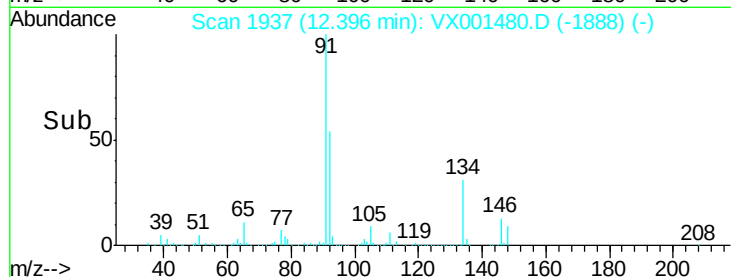
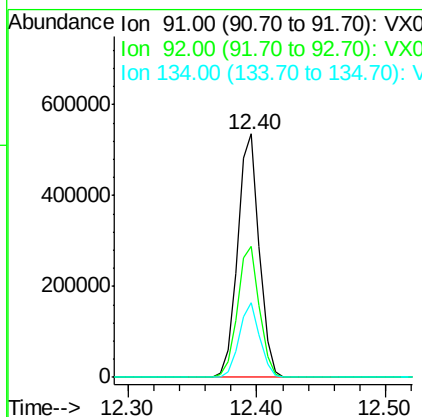
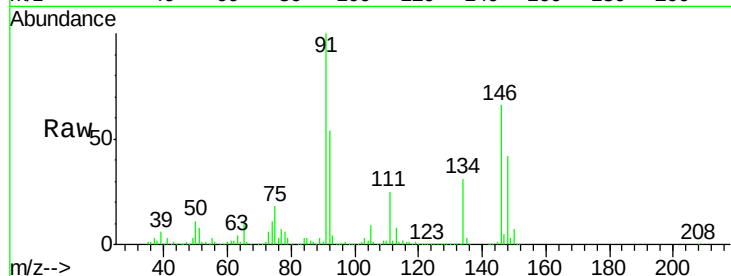




#89
n-Butylbenzene
Concen: 52.33 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

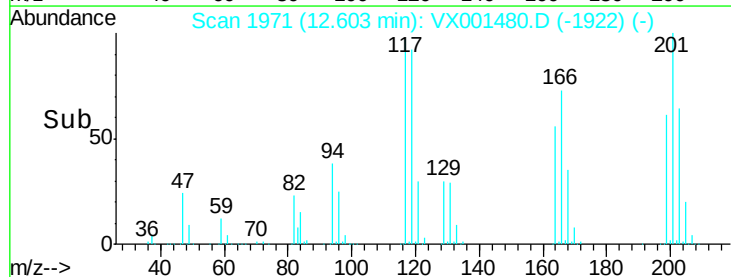
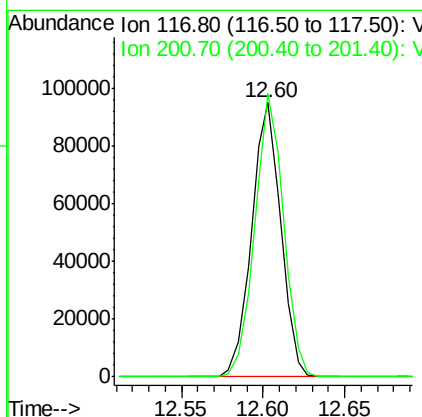
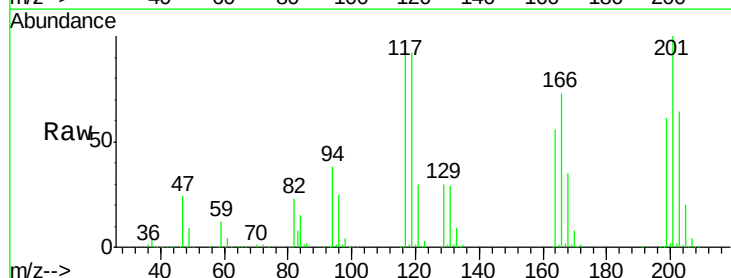
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

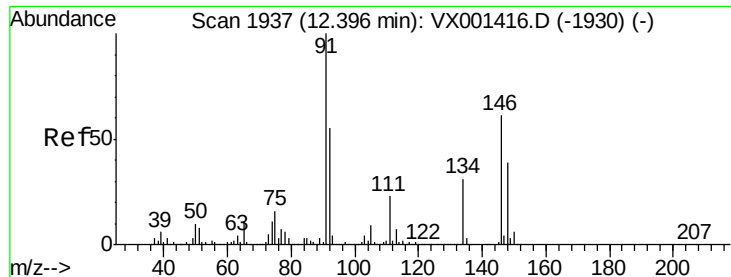
Tgt Ion: 91 Resp: 624230
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 29.4 14.6 44.0



#90
Hexachloroethane
Concen: 54.59 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion: 117 Resp: 118356
Ion Ratio Lower Upper
117 100
201 101.9 51.5 154.5

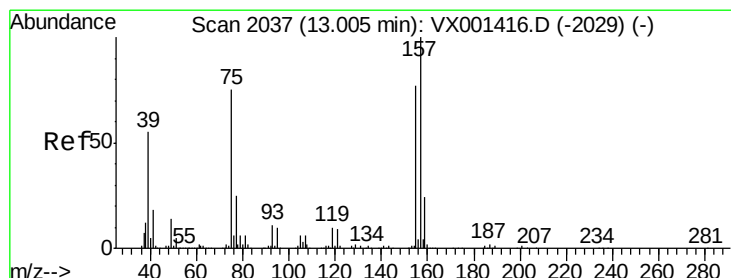
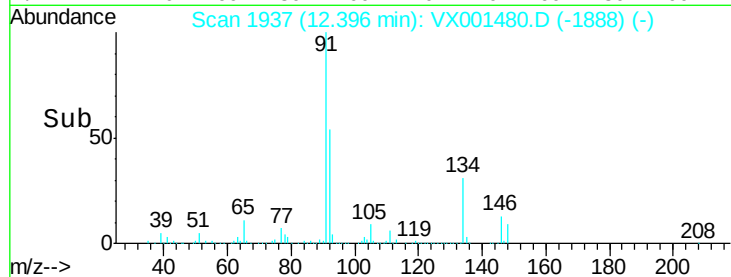
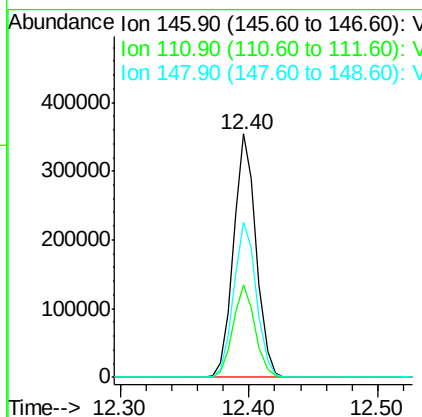
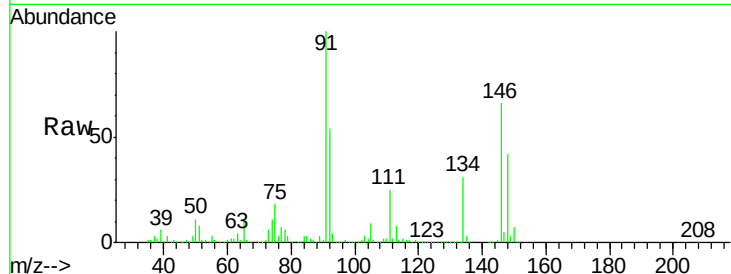




#91
 1,2-Dichlorobenzene
 Concen: 51.76 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

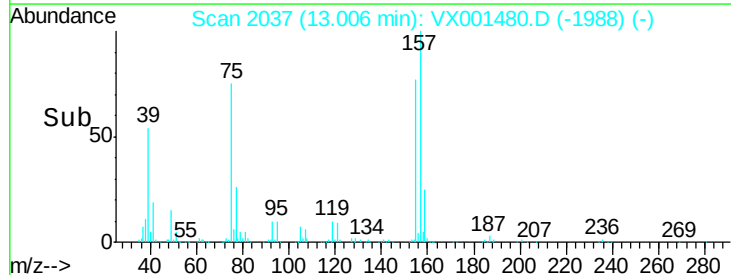
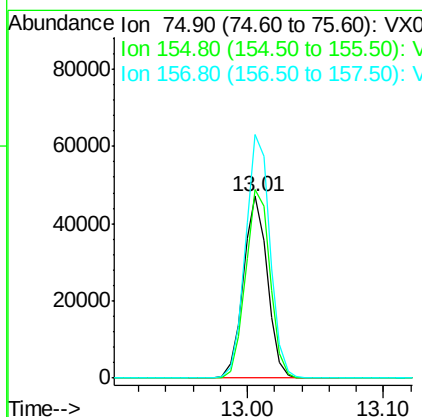
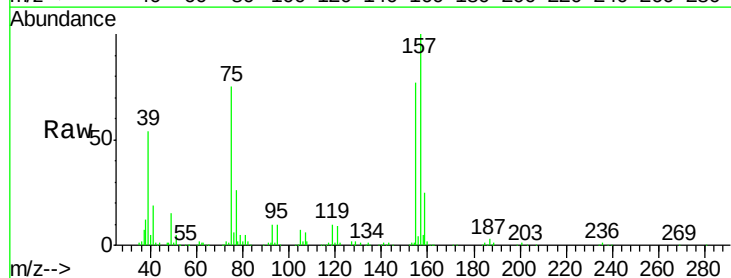
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

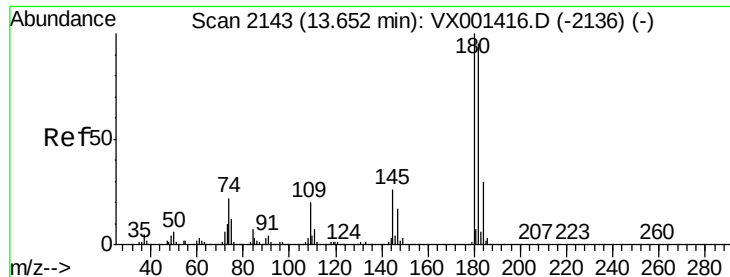
Tgt Ion:146 Resp: 432004
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion: 75 Resp: 58022
 Ion Ratio Lower Upper
 75 100
 155 105.7 53.4 160.2
 157 136.6 68.3 204.8

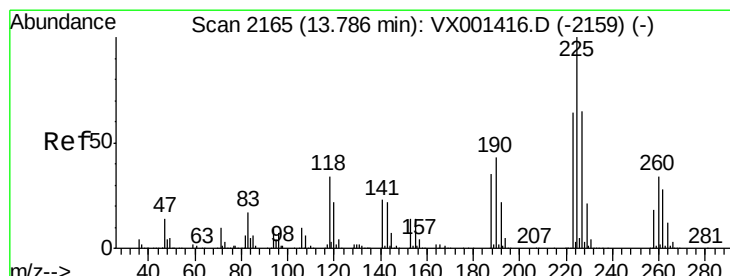
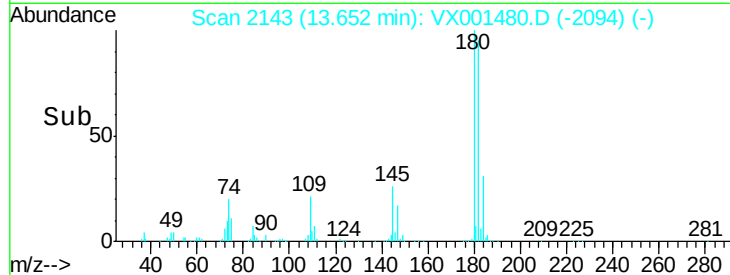
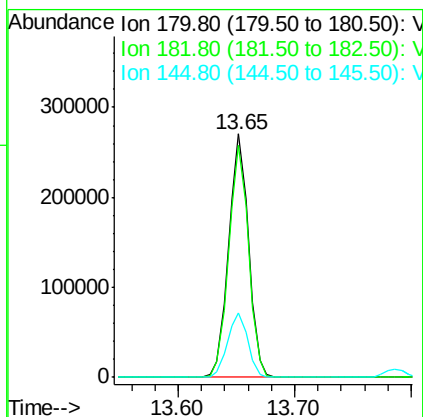
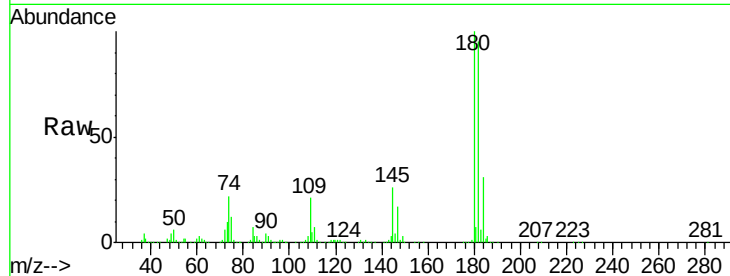




#93
 1,2,4-Trichlorobenzene
 Concen: 52.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

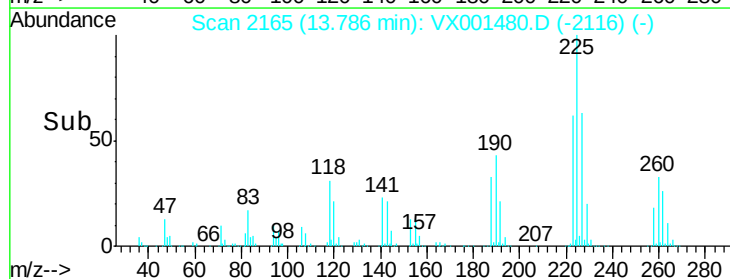
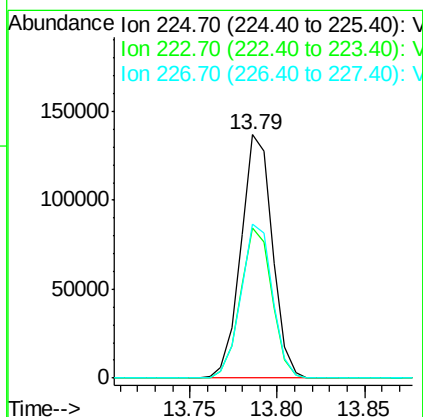
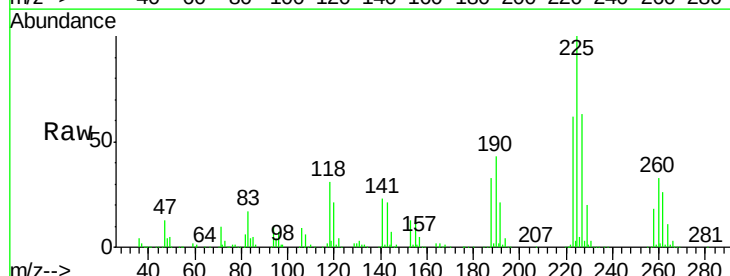
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

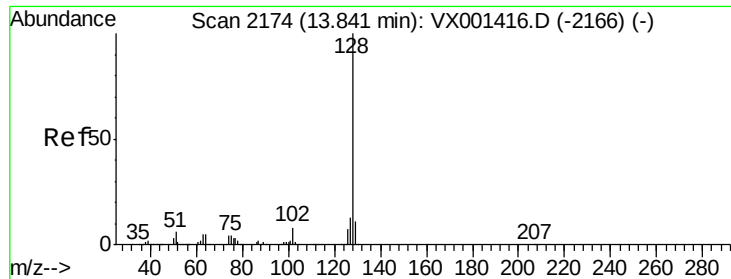
Tgt Ion:180 Resp: 320360
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 26.8 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 50.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001480.D
 Acq: 07 May 2018 22:00

Tgt Ion:225 Resp: 170175
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.9
 227 63.7 32.4 97.2

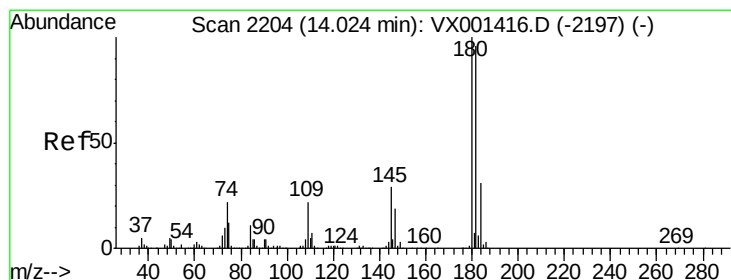
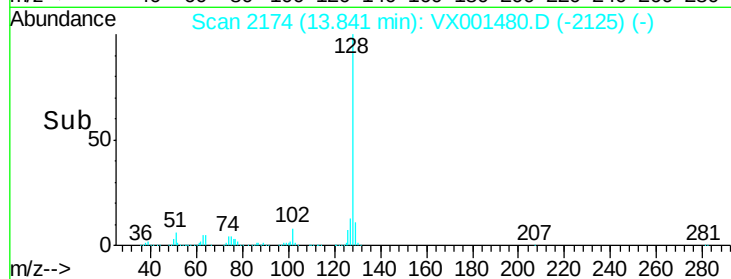
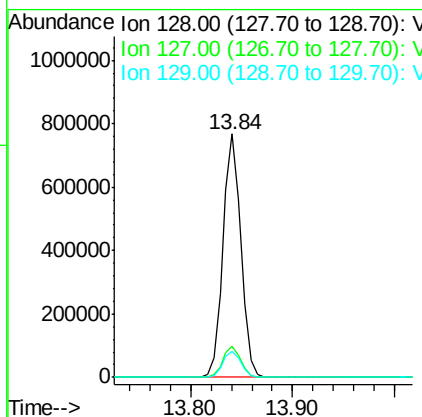
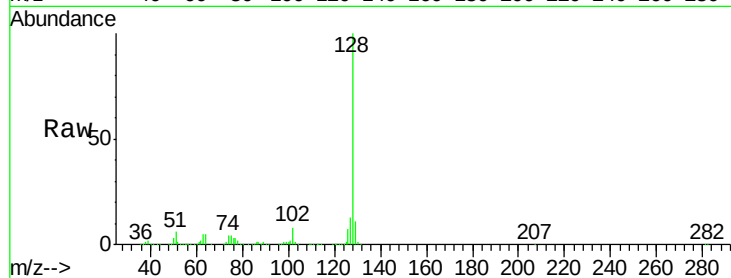




#95
Naphthalene
Concen: 55.41 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 935807
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.02 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001480.D
Acq: 07 May 2018 22:00

Tgt Ion:180 Resp: 332255
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.2
145 28.7 14.1 42.4

