

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001551.D
 Acq On : 09 May 2018 08:41
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 08:58:40 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	228466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168267	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	5.51	113	138023	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	500808	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.14	95	188337	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160951	52.33	ug/l	99
3) Chloromethane	1.32	50	152687	50.98	ug/l	100
4) Vinyl Chloride	1.40	62	160828	51.45	ug/l	98
5) Bromomethane	1.64	94	74064	51.90	ug/l	100
6) Chloroethane	1.72	64	108078	52.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	252730	53.72	ug/l	100
8) Diethyl Ether	2.19	74	95612	51.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141719	51.38	ug/l	99
10) Methyl Iodide	2.51	142	208509	52.39	ug/l	99
11) Tert butyl alcohol	3.09	59	183200	264.61	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133969	52.99	ug/l	98
13) Acrolein	2.30	56	29888	217.47	ug/l	97
14) Allyl chloride	2.73	41	236902	50.26	ug/l	99
15) Acrylonitrile	3.15	53	409813	261.94	ug/l	99
16) Acetone	2.45	43	371370	249.06	ug/l	100
17) Carbon Disulfide	2.57	76	317945	49.42	ug/l	100
18) Methyl Acetate	2.78	43	223884	57.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	473259	53.77	ug/l	100
20) Methylene Chloride	2.86	84	151640	51.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	143207	50.76	ug/l	98
22) Diisopropyl ether	3.88	45	473340	53.75	ug/l	99
23) Vinyl Acetate	3.83	43	1906614	259.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	244441	49.69	ug/l	100
25) 2-Butanone	4.71	43	561105	260.33	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107959	28.42	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	157960	52.57	ug/l	94
28) Bromochloromethane	5.03	49	113601	53.26	ug/l	98
29) Tetrahydrofuran	5.17	42	365039	264.70	ug/l	100
30) Chloroform	5.22	83	279712	55.20	ug/l	96
31) Cyclohexane	5.58	56	223296	52.85	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	248526	56.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	199154	52.77	ug/l	99
37) Ethyl Acetate	4.87	43	217029	52.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	224874	55.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231043	51.78	ug/l	97
40) Benzene	6.15	78	598915	54.33	ug/l	100
41) Methacrylonitrile	5.07	41	125599	53.06	ug/l	99
42) 1,2-Dichloroethane	6.20	62	233426	55.09	ug/l	100
43) Isopropyl Acetate	6.48	43	347130	54.66	ug/l	100
44) Trichloroethene	7.22	130	181205	53.78	ug/l	97
45) 1,2-Dichloropropane	7.52	63	152016	55.31	ug/l	100
46) Dibromomethane	7.67	93	105864	54.41	ug/l	99
47) Bromodichloromethane	7.90	83	207012	57.49	ug/l	98
48) Methyl methacrylate	7.79	41	188238	54.43	ug/l	99
49) 1,4-Dioxane	7.76	88	80606	1078.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1182969	280.29	ug/l	99
52) Toluene	8.79	92	398899	55.34	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	216095	53.10	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	195645	46.66	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	159395	54.89	ug/l	99
56) Ethyl methacrylate	9.19	69	233939	55.88	ug/l	99
57) 1,3-Dichloropropane	9.38	76	261929	54.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	585225	285.02	ug/l	100
59) 2-Hexanone	9.51	43	883746	273.45	ug/l	100
60) Dibromochloromethane	9.59	129	173156	58.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	170741	56.00	ug/l	99
64) Tetrachloroethene	9.34	164	226860	56.36	ug/l	100
65) Chlorobenzene	10.15	112	451738	53.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171028	56.46	ug/l	100
67) Ethyl Benzene	10.26	91	748022	53.89	ug/l	100
68) m/p-Xylenes	10.37	106	604330	110.19	ug/l	99
69) o-Xylene	10.71	106	296133	55.56	ug/l	99
70) Styrene	10.72	104	493317	56.97	ug/l	99
71) Bromoform	10.87	173	141257	48.59	ug/l	100
73) Isopropylbenzene	11.02	105	789256	54.11	ug/l	100
74) N-amyl acetate	6.48	43	347130	52.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	228120	52.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	261362	61.17	ug/l	87
77) Bromobenzene	11.26	156	222915	52.57	ug/l	99
78) n-propylbenzene	11.37	91	877167	55.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	524929	53.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	663221	54.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52324	39.98	ug/l	97
82) 4-Chlorotoluene	11.52	91	613286	54.39	ug/l	100
83) tert-Butylbenzene	11.77	119	638397	52.84	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	684841	54.87	ug/l	100
85) sec-Butylbenzene	11.95	105	793699	54.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	732822	55.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399886	52.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	405898	52.50	ug/l	100
89) n-Butylbenzene	12.40	91	580286	52.64	ug/l	100
90) Hexachloroethane	12.60	117	114610	57.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	412936	53.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53959	57.01	ug/l	99

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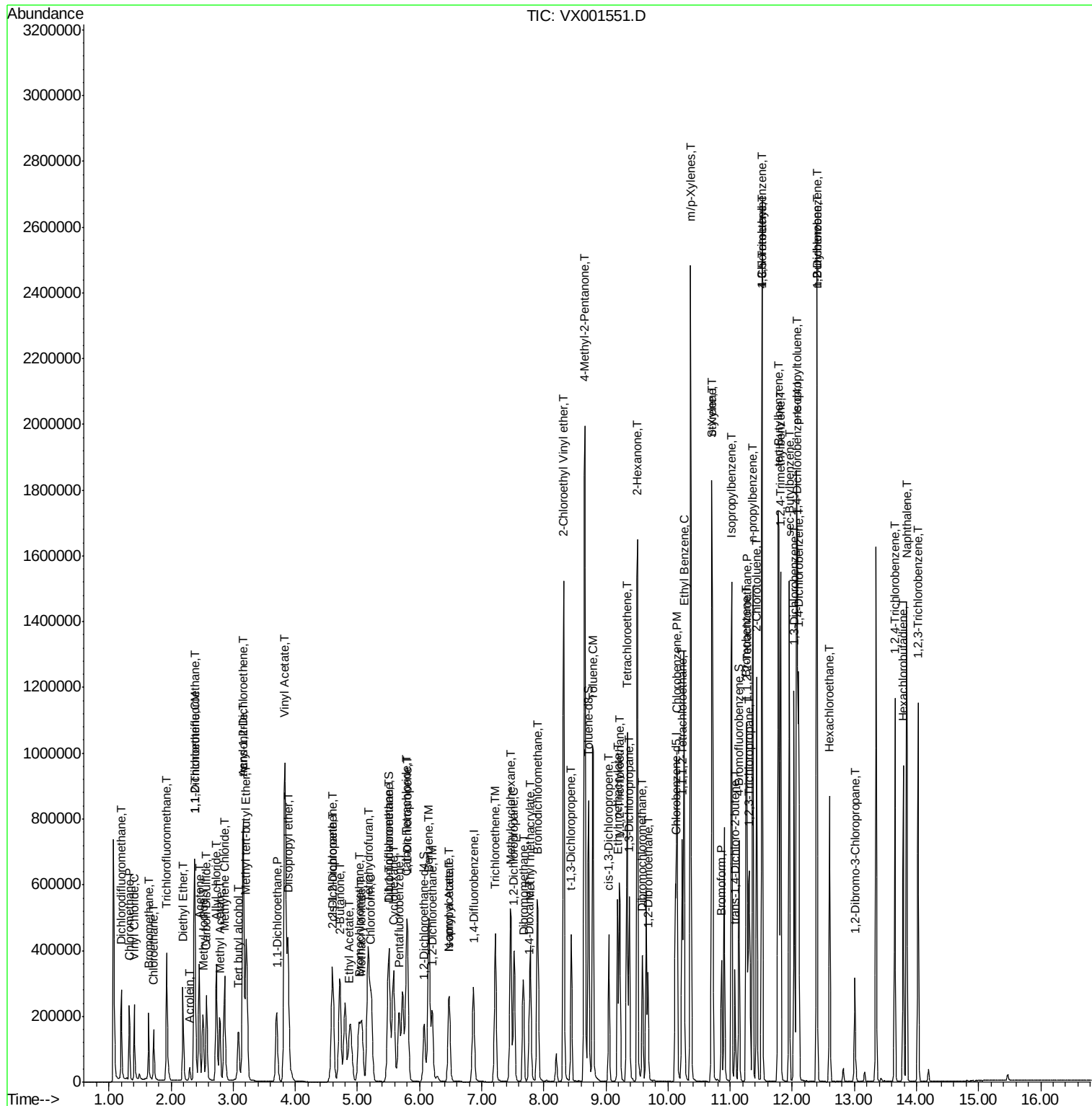
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300686	53.28	ug/l	100
94) Hexachlorobutadiene	13.79	225	156275	50.61	ug/l	100
95) Naphthalene	13.84	128	877393	56.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314403	54.30	ug/l	99

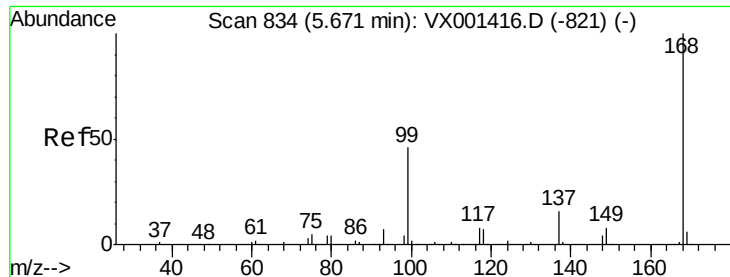
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

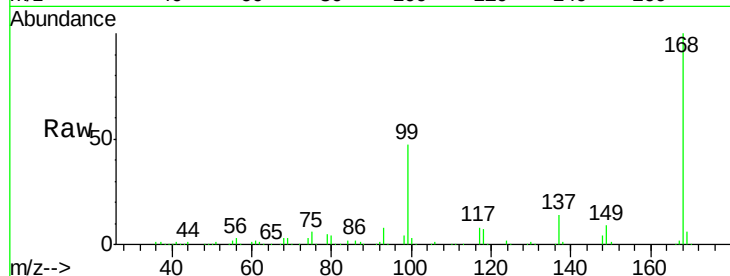
VSTDCCC050EC

Tgt Ion:168 Resp: 228466

Ion Ratio Lower Upper

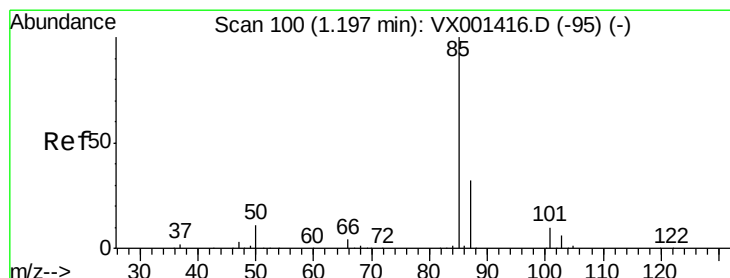
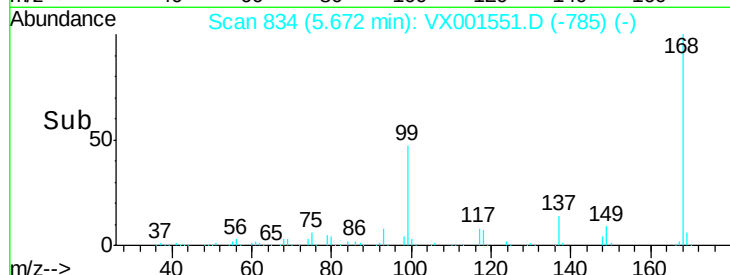
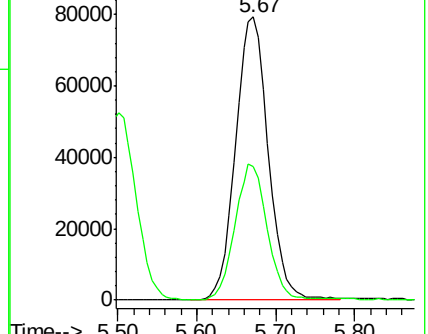
168 100

99 46.8 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: 52.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001551.D

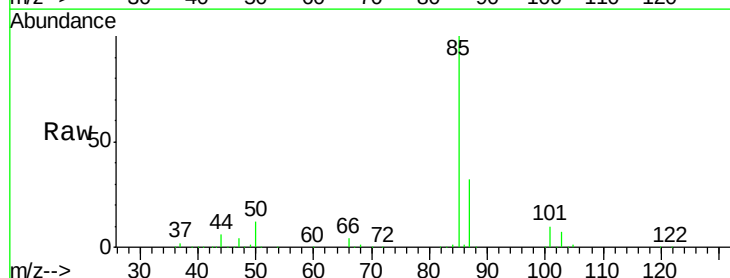
Acq: 09 May 2018 08:41

Tgt Ion: 85 Resp: 160951

Ion Ratio Lower Upper

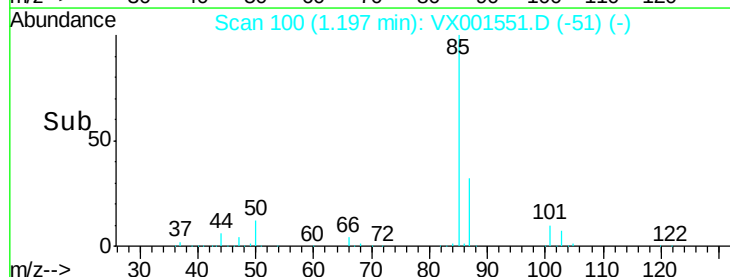
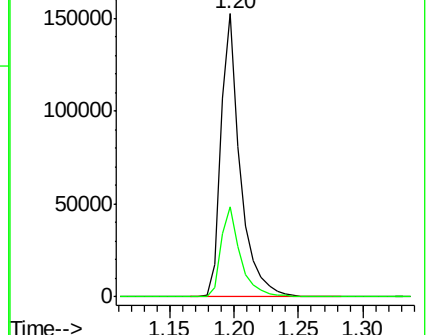
85 100

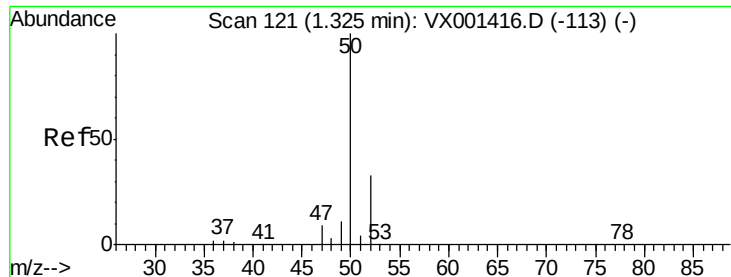
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

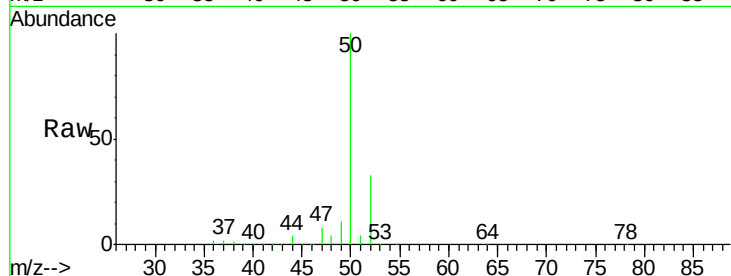
VSTDCCC050EC

Tgt Ion: 50 Resp: 152687

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

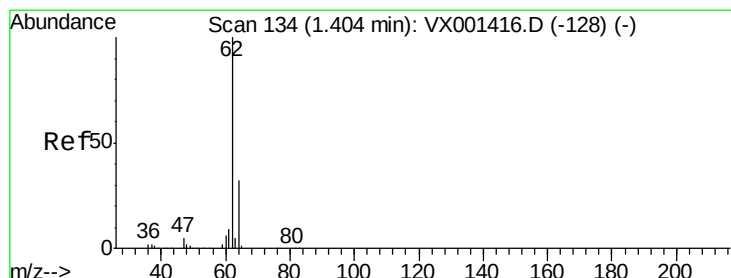
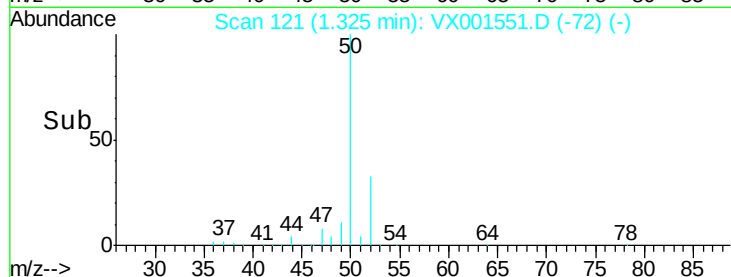
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 51.45 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001551.D

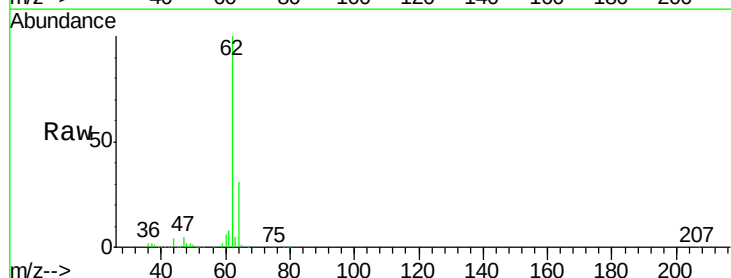
Acq: 09 May 2018 08:41

Tgt Ion: 62 Resp: 160828

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

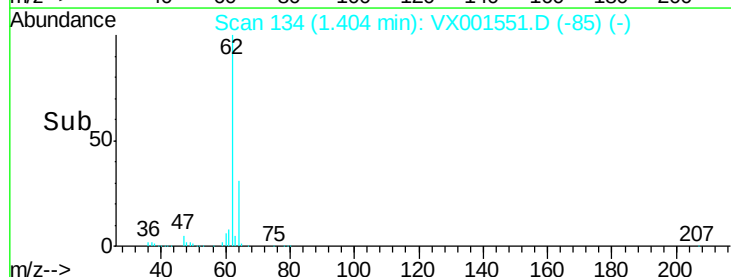
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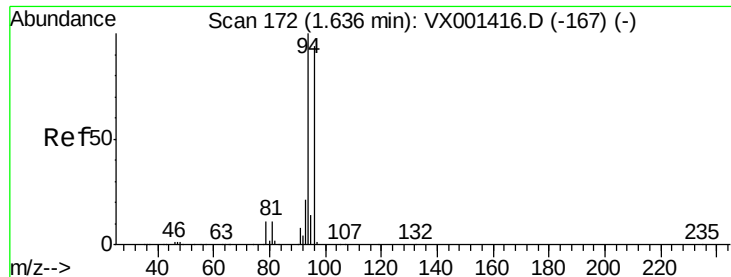
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 51.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

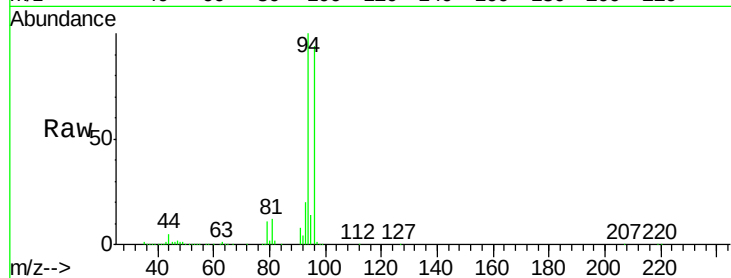
VSTDCCC050EC

Tgt Ion: 94 Resp: 74064

Ion Ratio Lower Upper

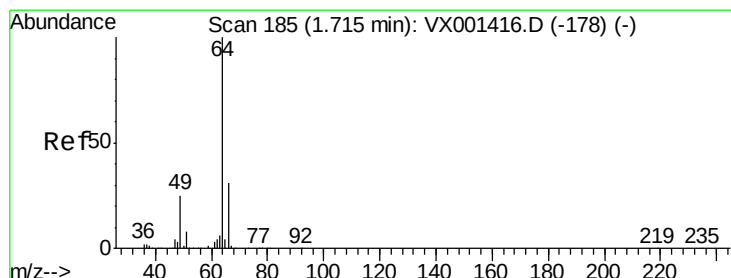
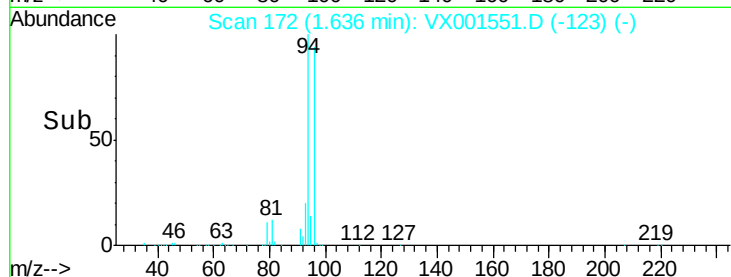
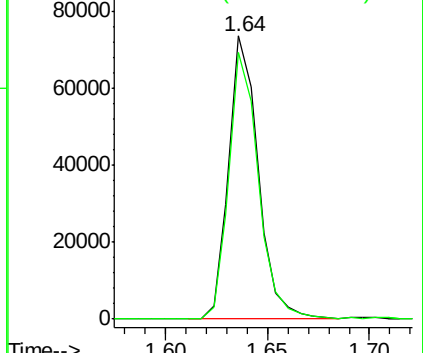
94 100

96 94.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001551.D

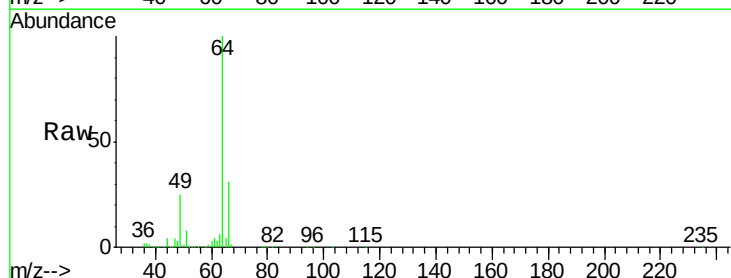
Acq: 09 May 2018 08:41

Tgt Ion: 64 Resp: 108078

Ion Ratio Lower Upper

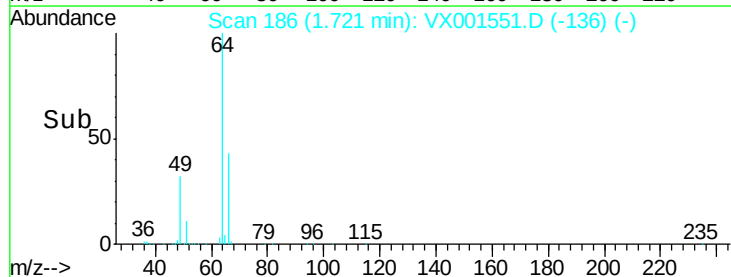
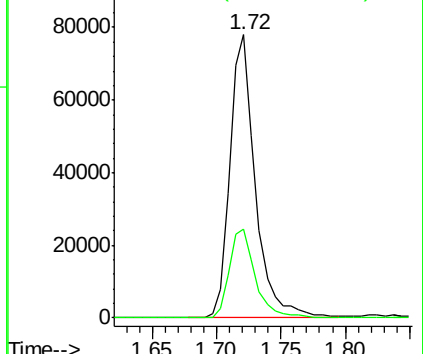
64 100

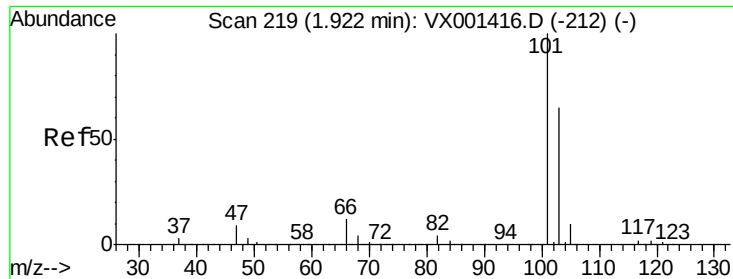
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



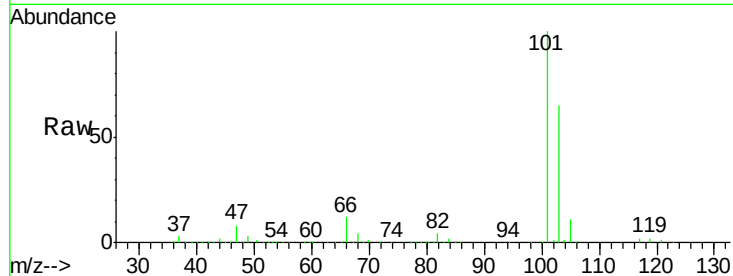


#7

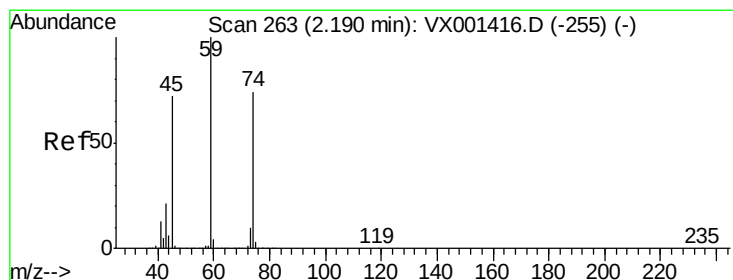
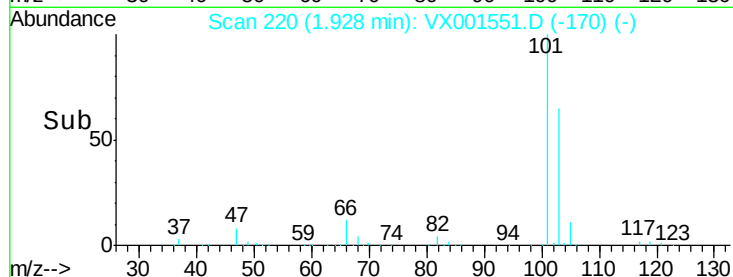
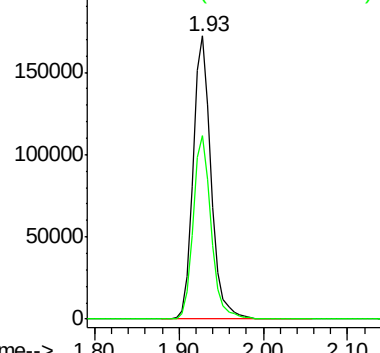
Trichlorofluoromethane
 Concen: 53.72 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 252730
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.0 78.0



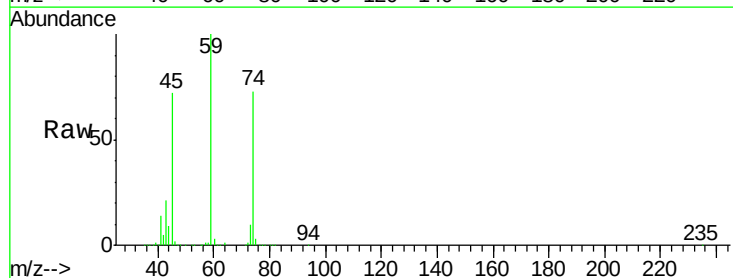
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



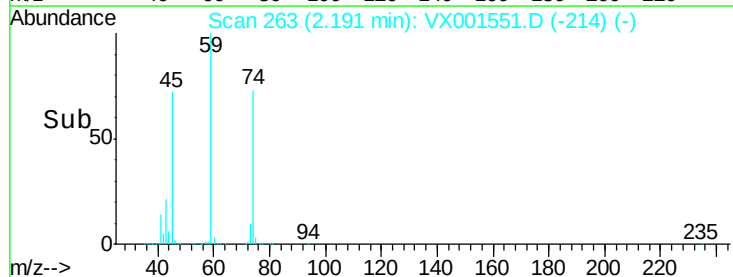
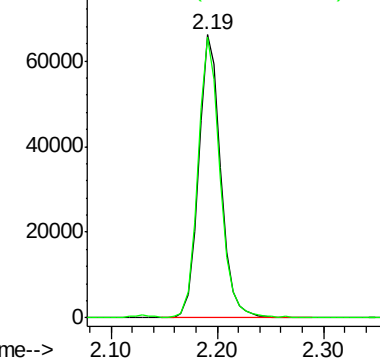
#8

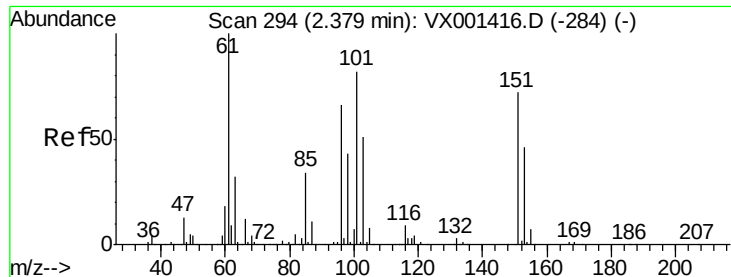
Diethyl Ether
 Concen: 51.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 74 Resp: 95612
 Ion Ratio Lower Upper
 74 100
 45 98.5 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: 51.38 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

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VSTDCCC050EC

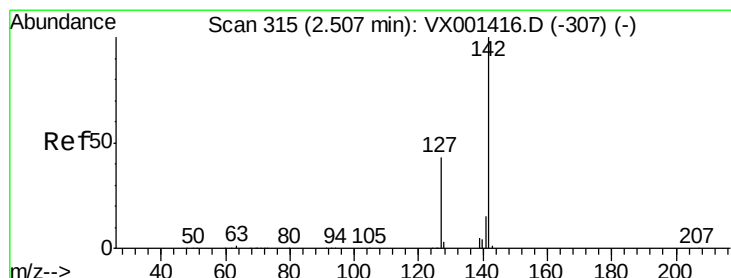
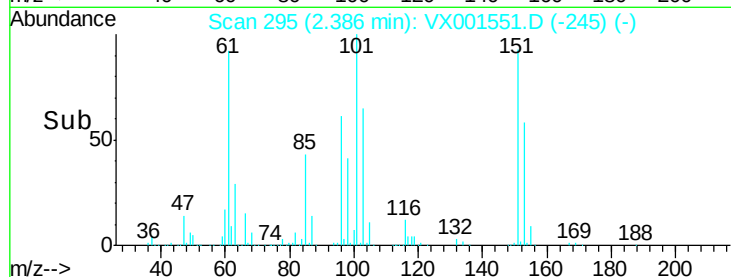
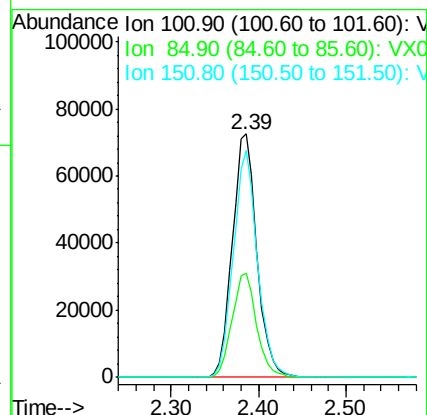
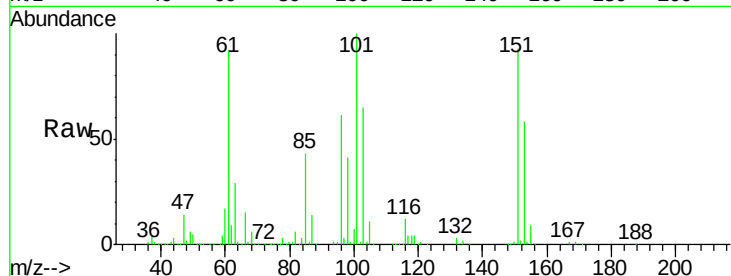
Tgt Ion:101 Resp: 141719

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

151 91.6 72.3 108.5



#10

Methyl Iodide

Concen: 52.39 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

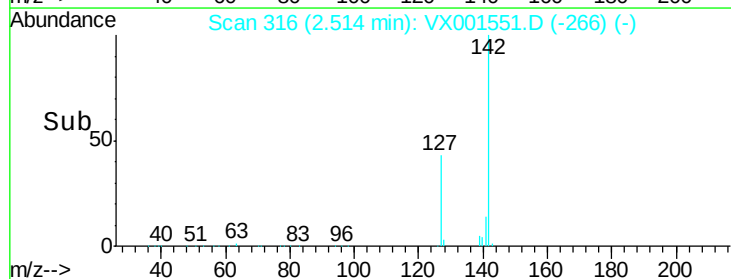
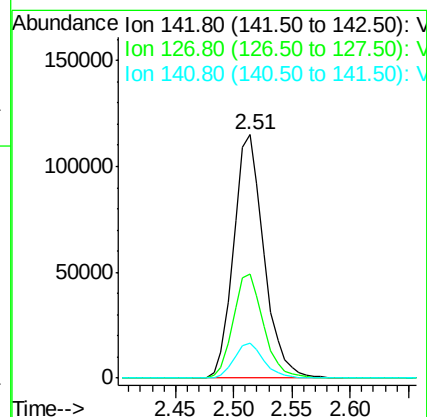
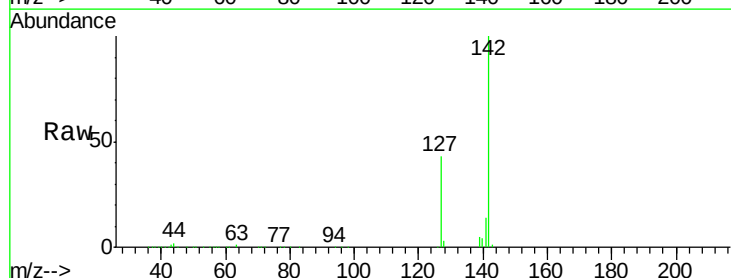
Tgt Ion:142 Resp: 208509

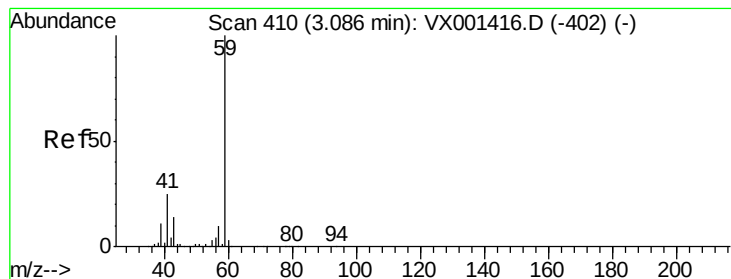
Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

141 14.3 11.4 17.2



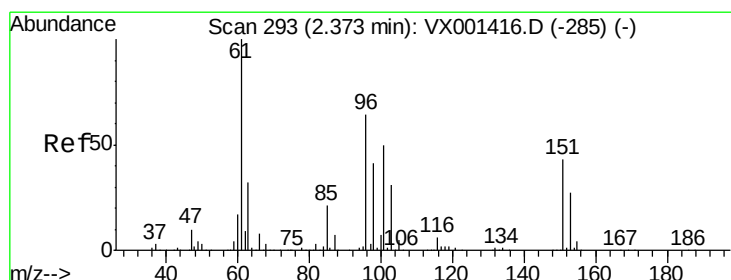
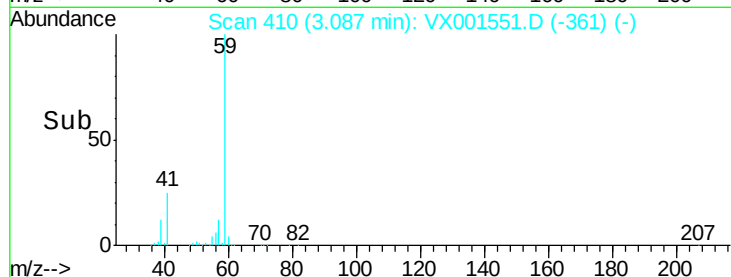
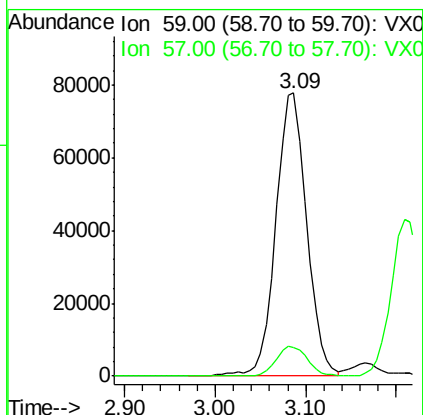
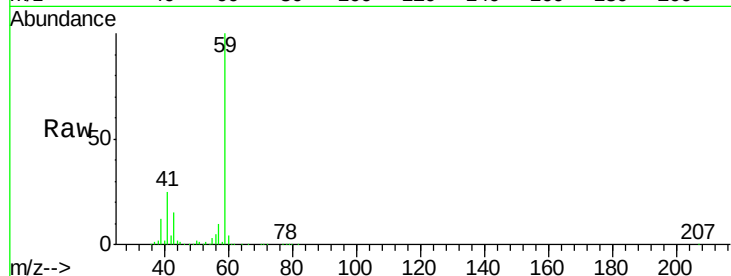


#11

Tert butyl alcohol
 Concen: 264.61 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

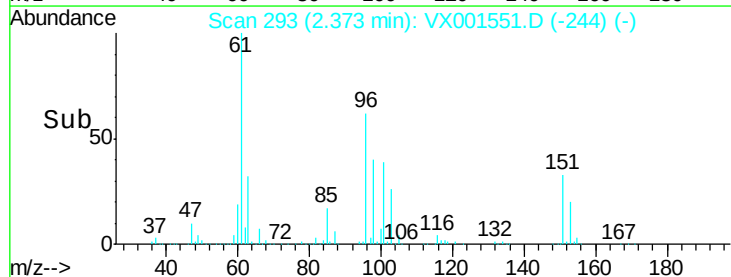
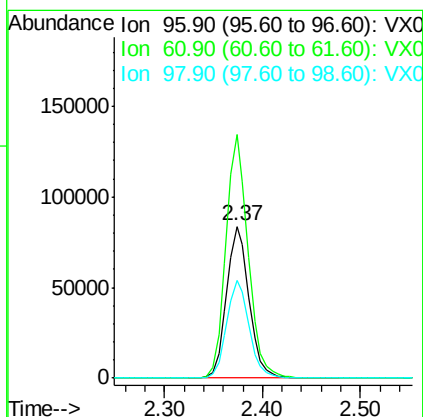
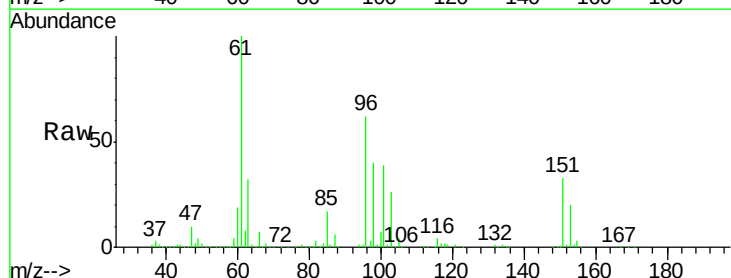
Tgt Ion: 59 Resp: 183200
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

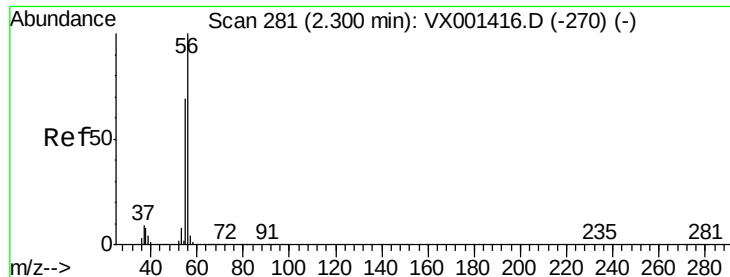


#12

1,1-Dichloroethene
 Concen: 52.99 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 96 Resp: 133969
 Ion Ratio Lower Upper
 96 100
 61 160.6 125.7 188.5
 98 64.4 52.0 78.0





#13

Acrolein

Concen: 217.47 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

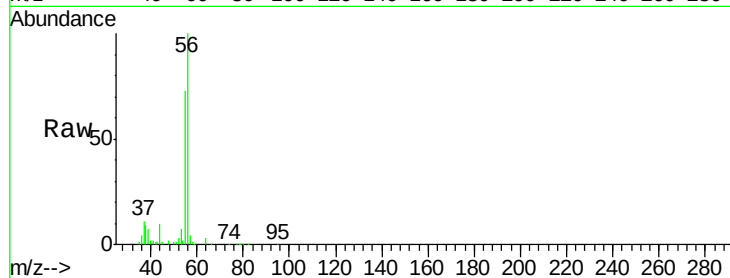
VSTDCCC050EC

Tgt Ion: 56 Resp: 29888

Ion Ratio Lower Upper

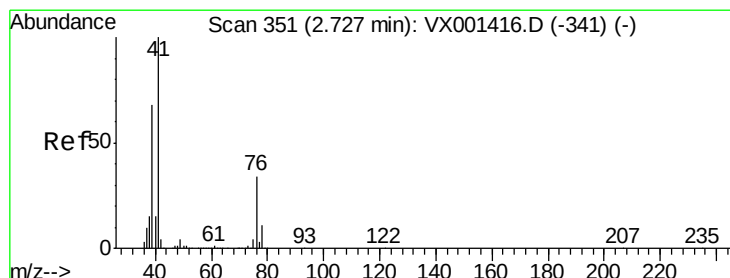
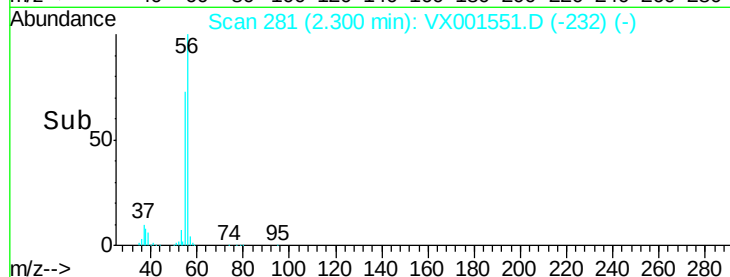
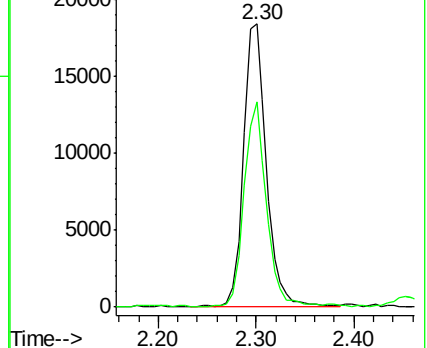
56 100

55 70.5 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

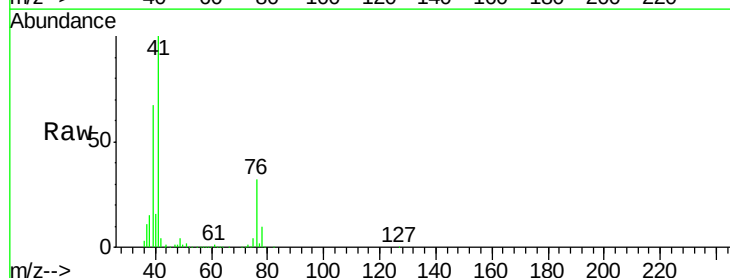
Tgt Ion: 41 Resp: 236902

Ion Ratio Lower Upper

41 100

39 65.0 52.4 78.6

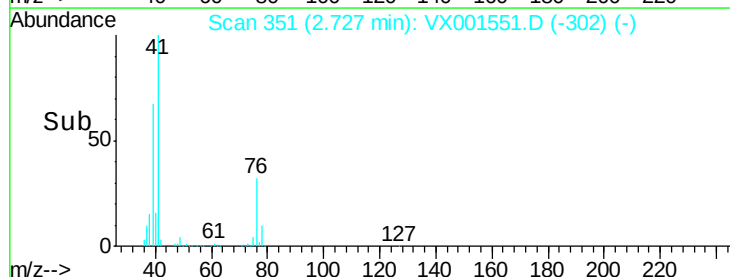
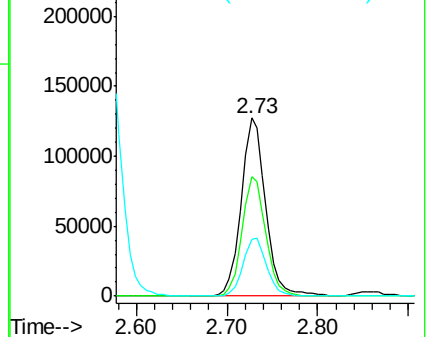
76 31.6 25.8 38.6

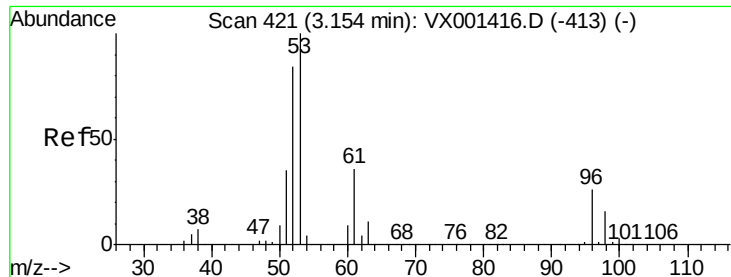


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

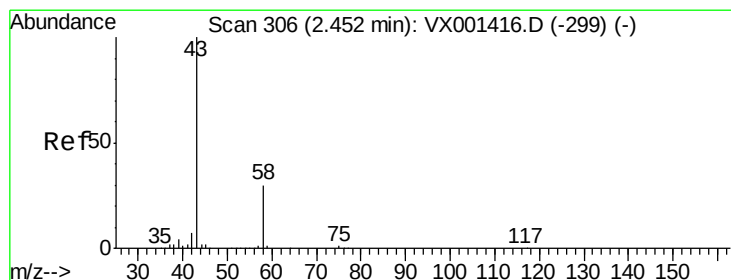
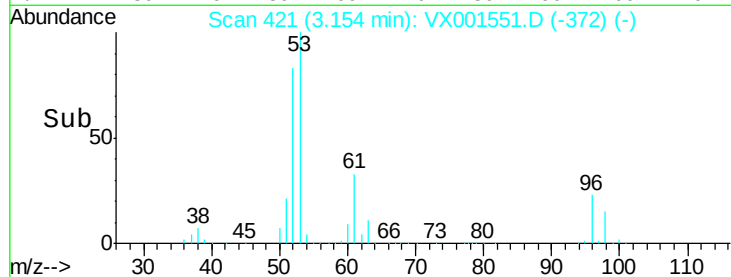
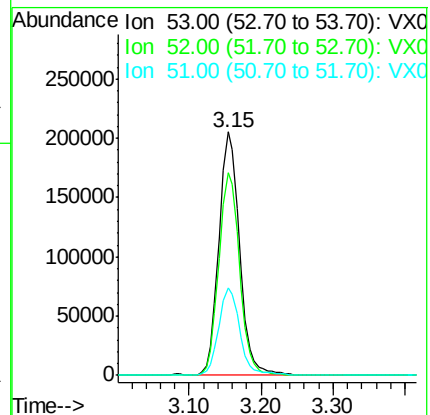
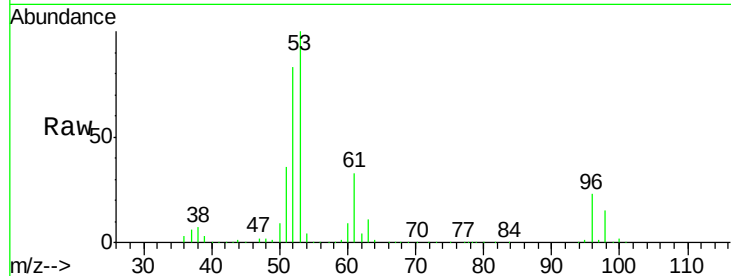
Tgt Ion: 53 Resp: 409813

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

51 36.8 28.6 43.0



#16

Acetone

Concen: 249.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001551.D

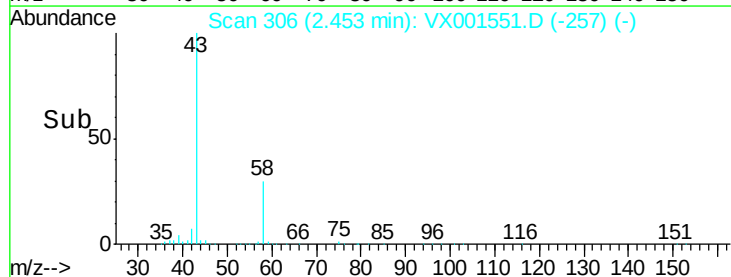
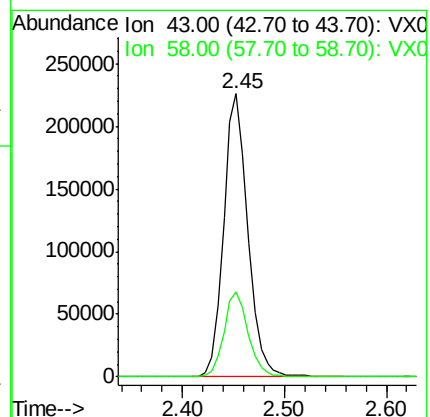
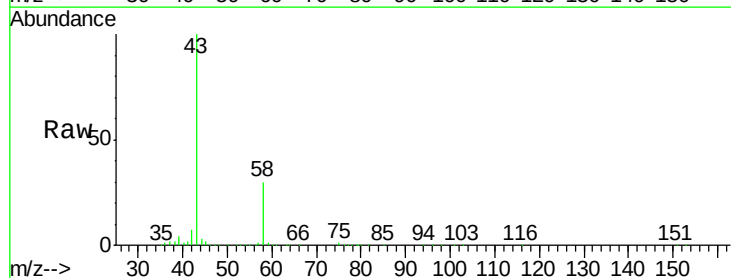
Acq: 09 May 2018 08:41

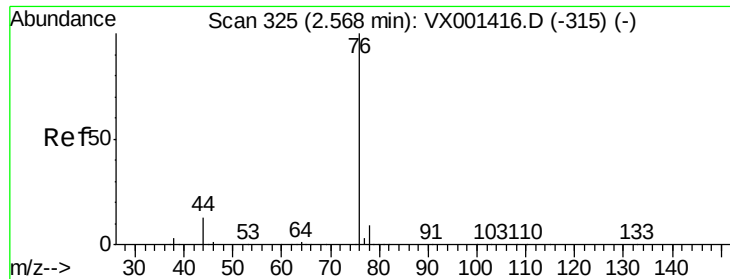
Tgt Ion: 43 Resp: 371370

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.8

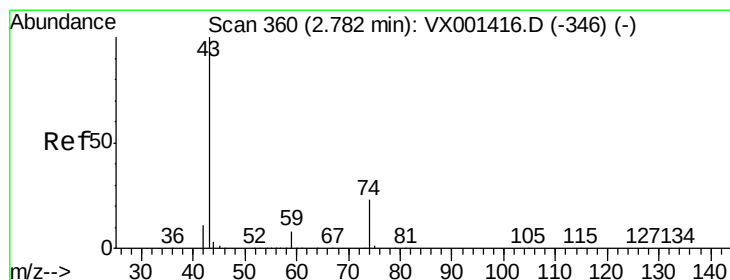
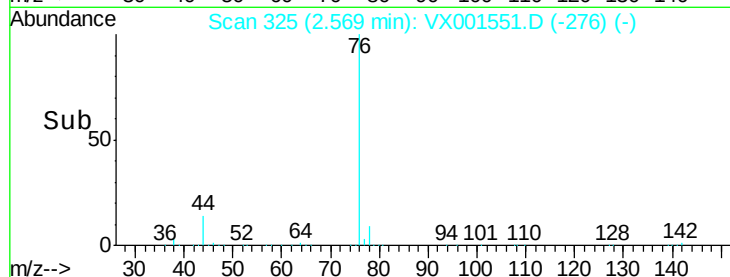
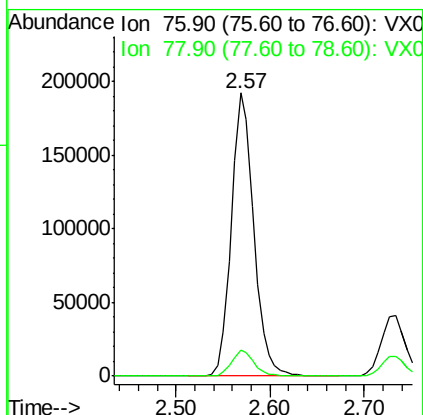
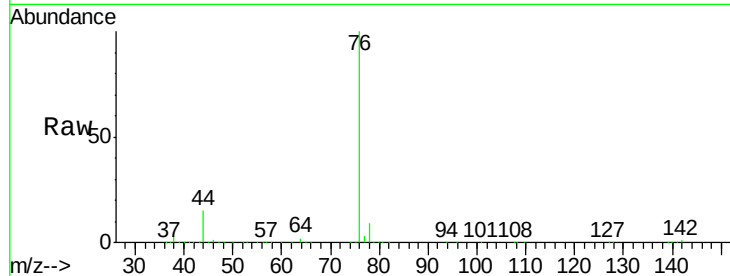




#17
Carbon Disulfide
Concen: 49.42 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

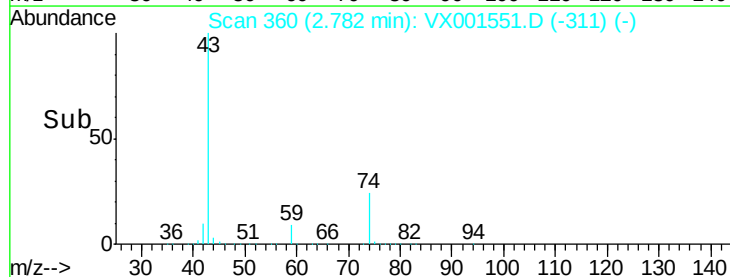
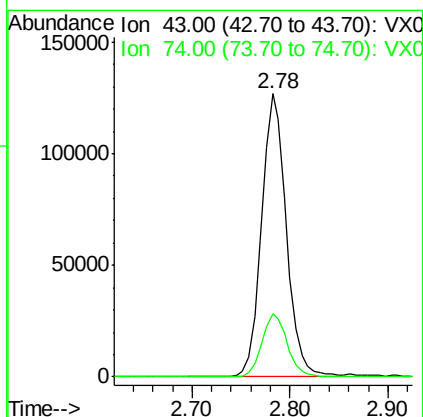
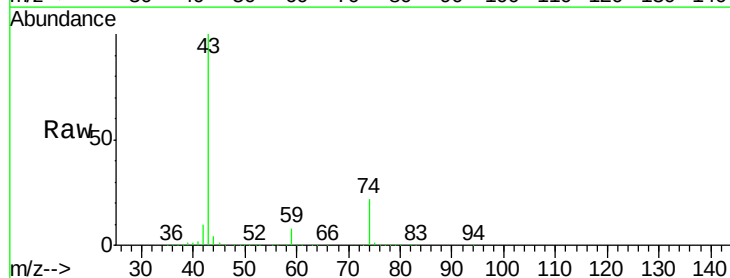
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

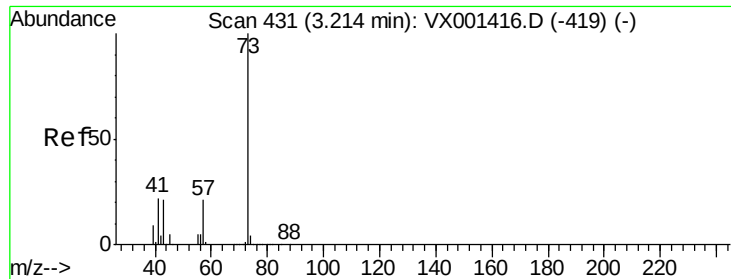
Tgt Ion: 76 Resp: 317945
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 57.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 43 Resp: 223884
Ion Ratio Lower Upper
43 100
74 22.4 18.6 27.8

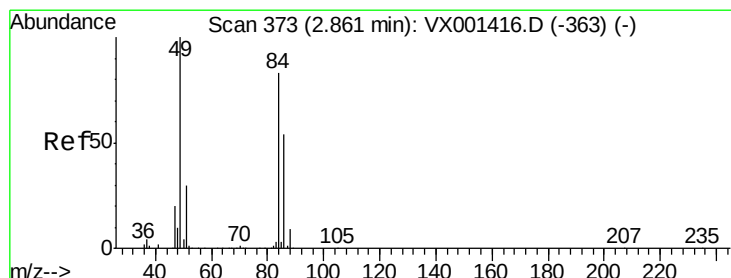
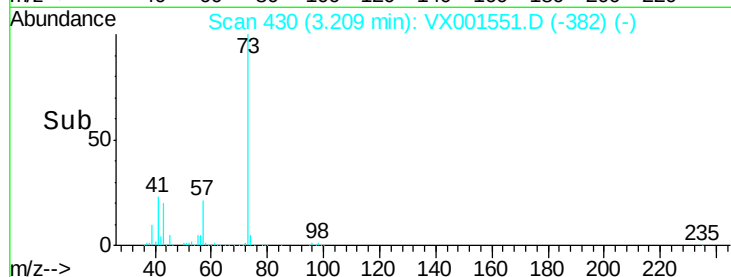
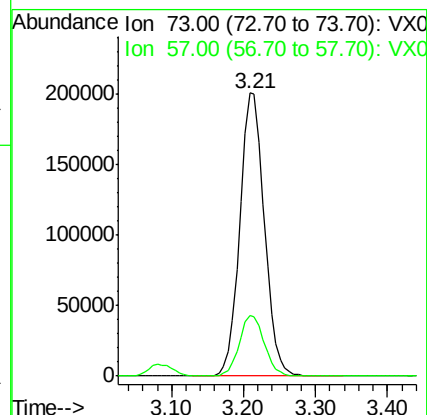
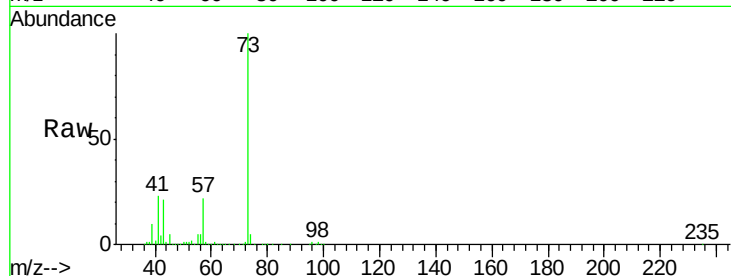




#19
Methyl tert-butyl Ether
Concen: 53.77 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

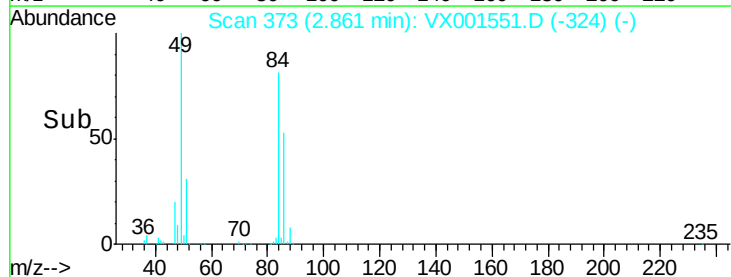
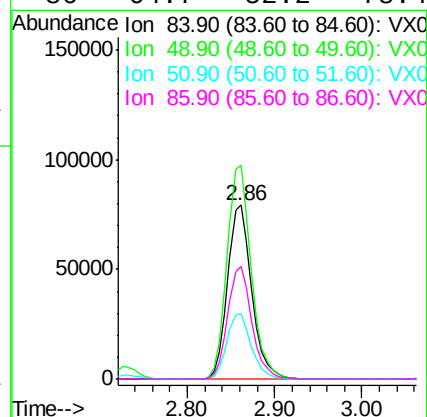
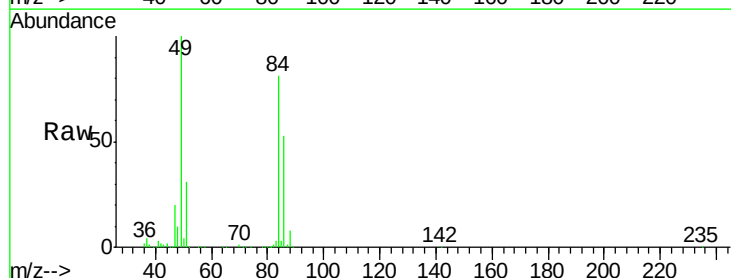
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

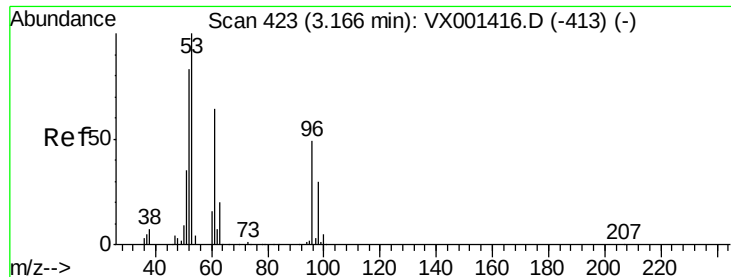
Tgt Ion: 73 Resp: 473259
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 51.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 84 Resp: 151640
Ion Ratio Lower Upper
84 100
49 123.0 96.6 144.8
51 37.7 29.0 43.4
86 64.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.76 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

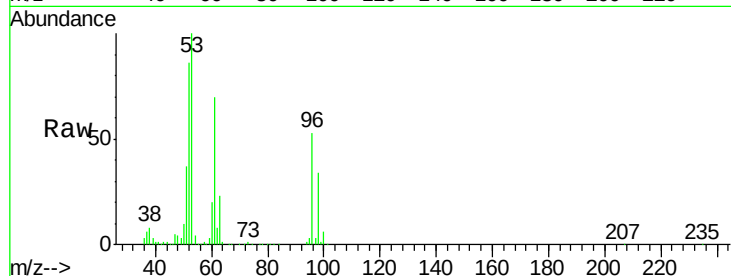
Tgt Ion: 96 Resp: 143207

Ion Ratio Lower Upper

96 100

61 133.4 105.0 157.4

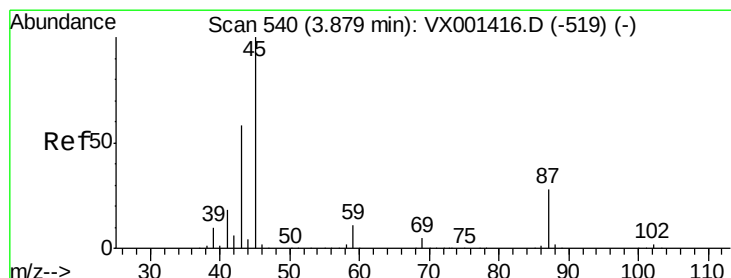
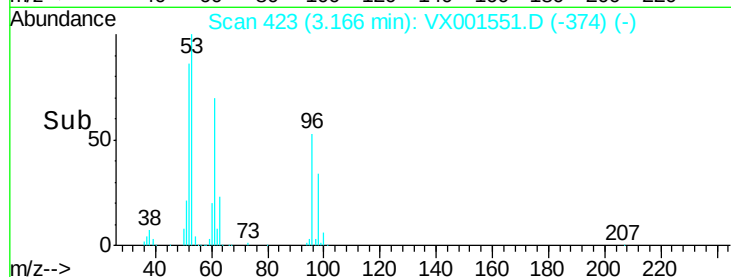
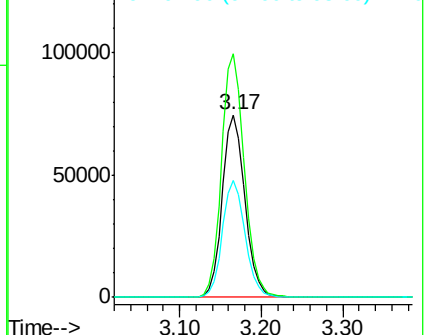
98 63.8 49.9 74.9



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: 53.75 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Tgt Ion: 45 Resp: 473340

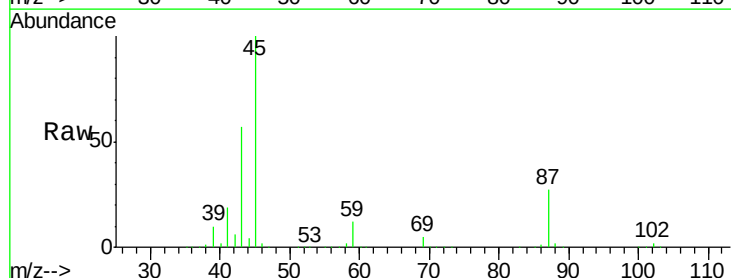
Ion Ratio Lower Upper

45 100

43 57.1 46.5 69.7

87 27.4 22.6 34.0

59 11.5 9.1 13.7

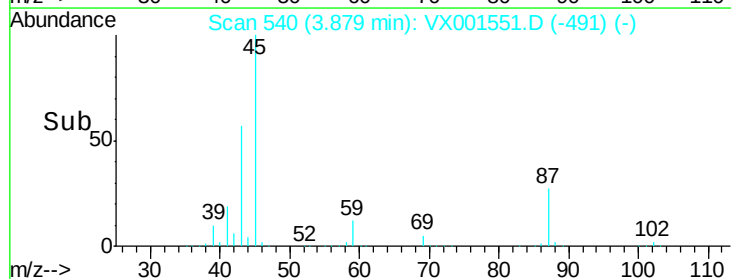
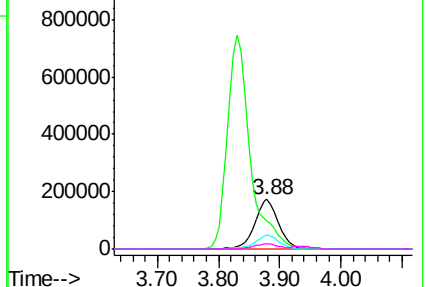


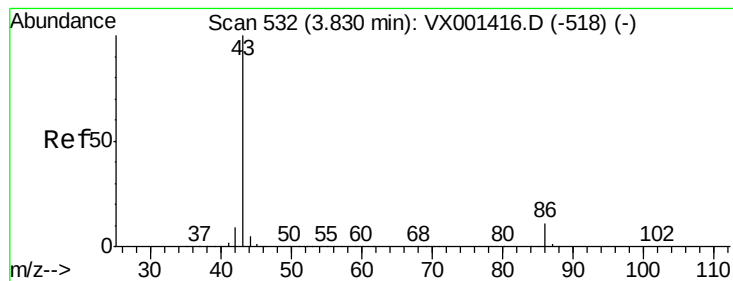
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

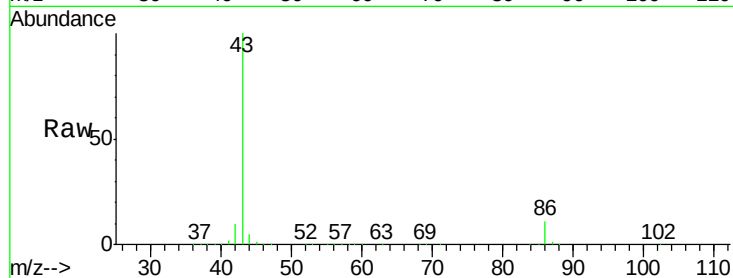
VSTDCCC050EC

Tgt Ion: 43 Resp: 1906614

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

0

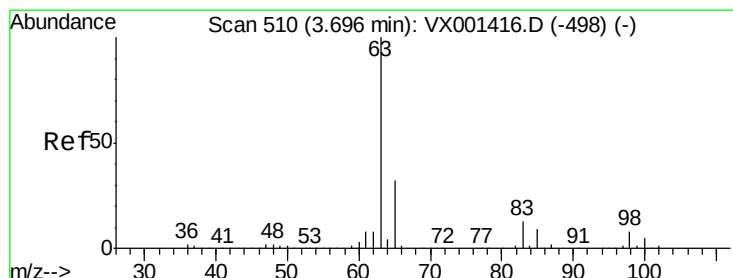
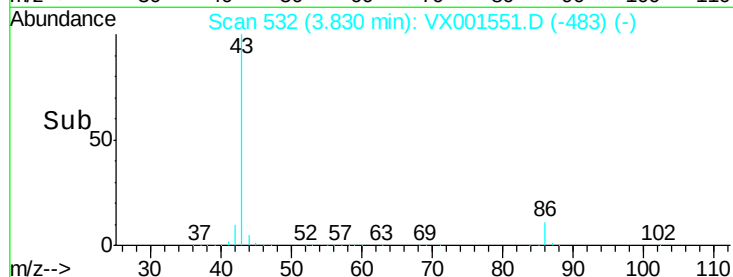
3.83

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.69 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

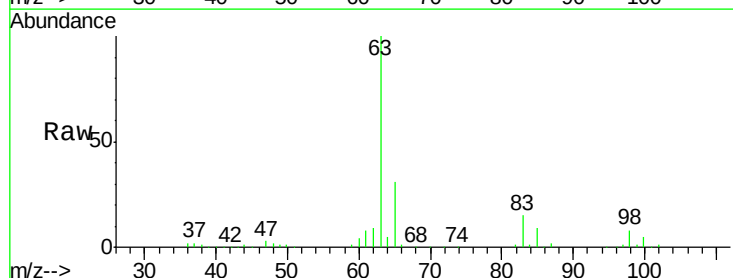
Tgt Ion: 63 Resp: 244441

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

50000

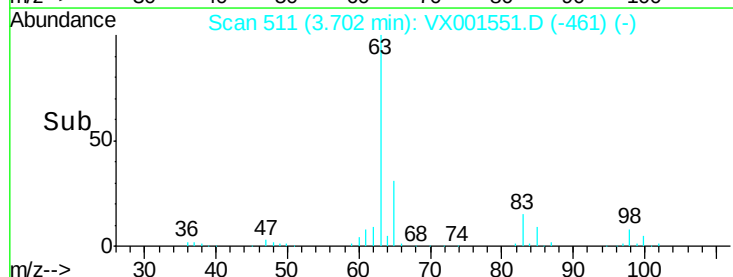
0

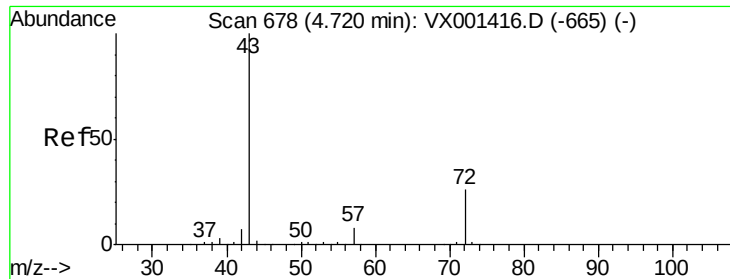
3.70

3.60

3.80

Time-->





#25

2-Butanone

Concen: 260.33 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

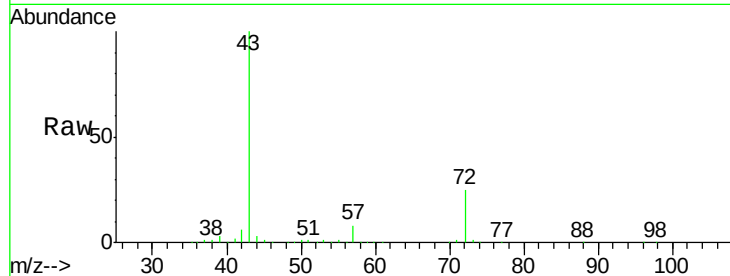
VSTDCCC050EC

Tgt Ion: 43 Resp: 561105

Ion Ratio Lower Upper

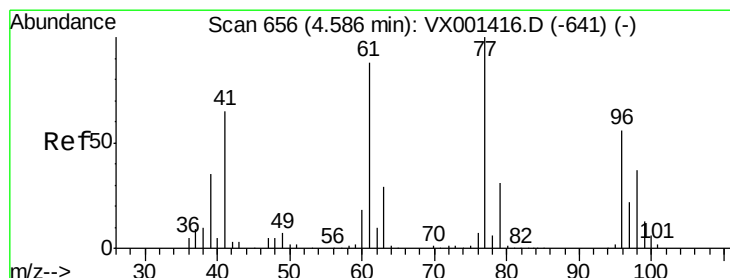
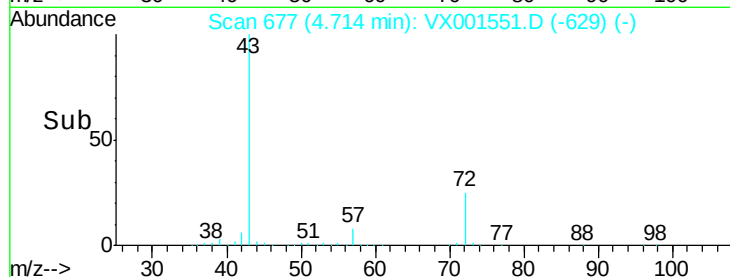
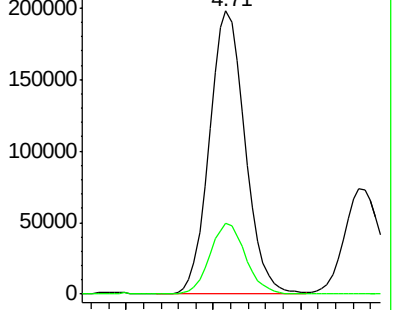
43 100

72 25.1 20.7 31.1



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

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



#26

2,2-Dichloropropane

Concen: 28.42 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001551.D

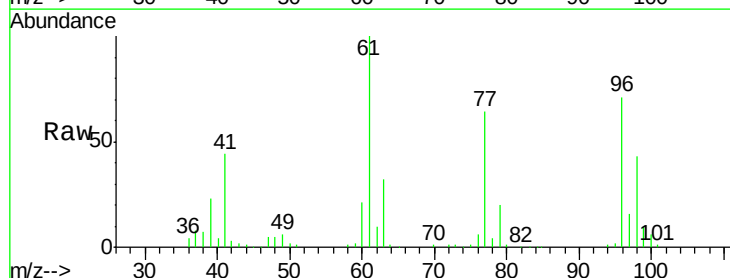
Acq: 09 May 2018 08:41

Tgt Ion: 77 Resp: 107959

Ion Ratio Lower Upper

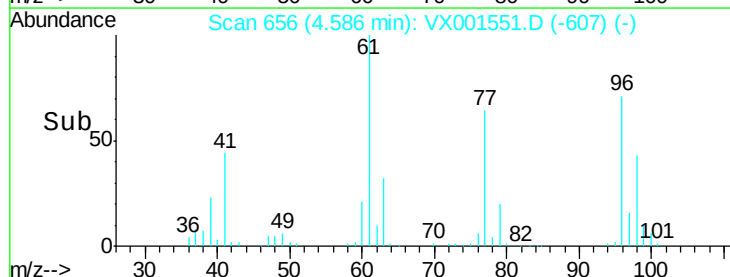
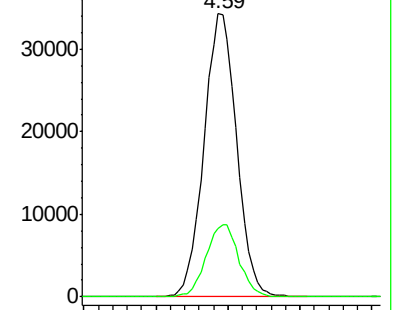
77 100

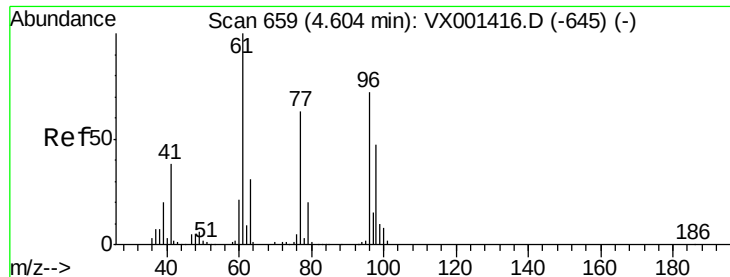
97 25.7 11.2 33.6



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

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





#27

cis-1,2-Dichloroethene

Concen: 52.57 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

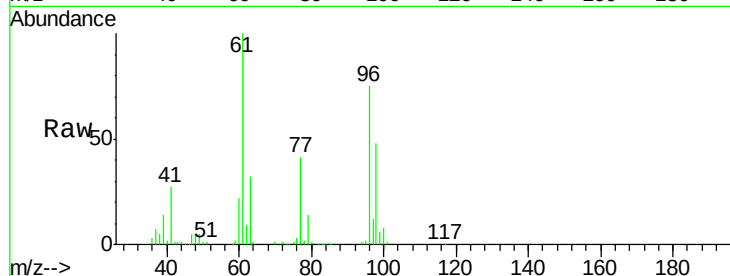
Tgt Ion: 96 Resp: 157960

Ion Ratio Lower Upper

96 100

61 140.0 0.0 301.6

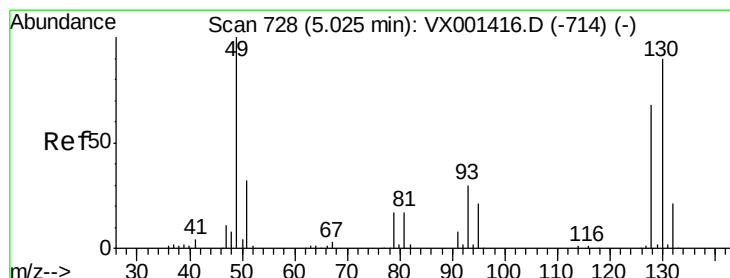
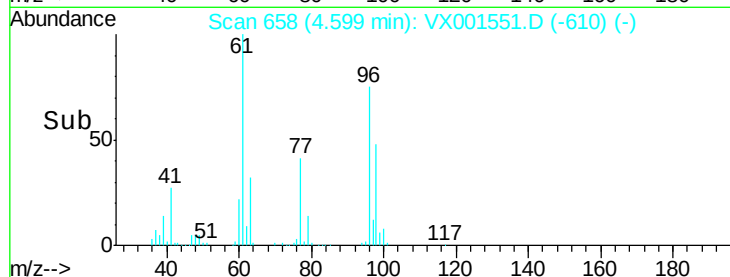
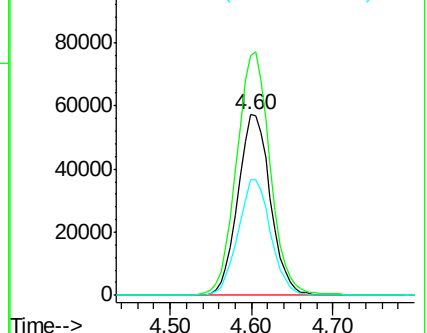
98 64.4 0.0 131.6



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: 53.26 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

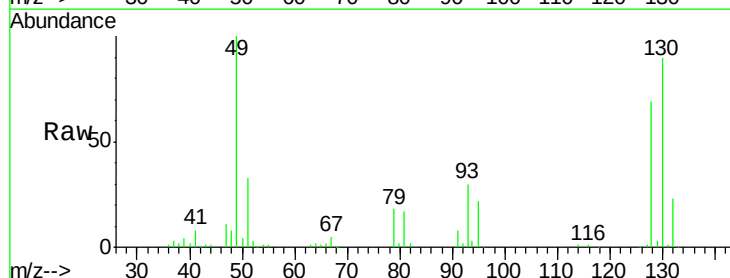
Tgt Ion: 49 Resp: 113601

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

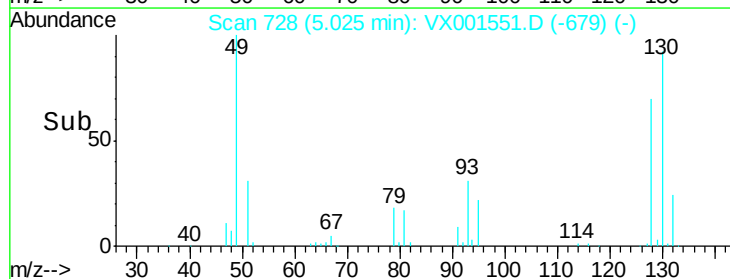
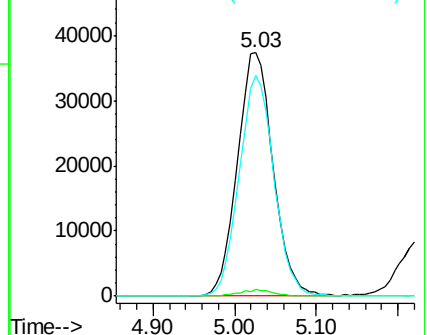
130 88.0 71.9 107.9

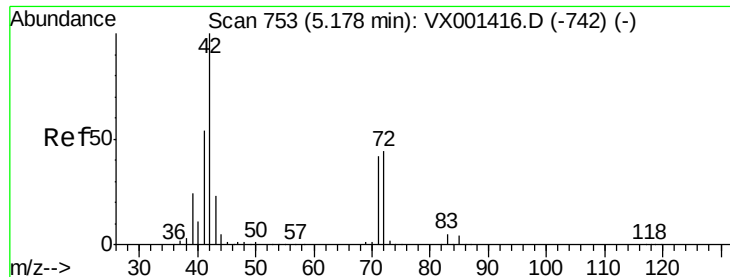


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

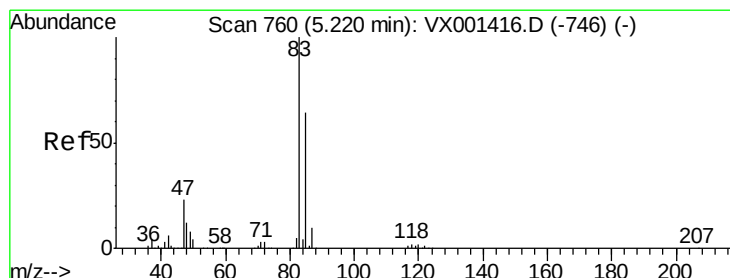
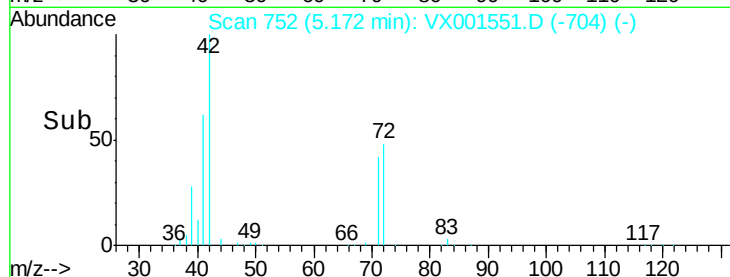
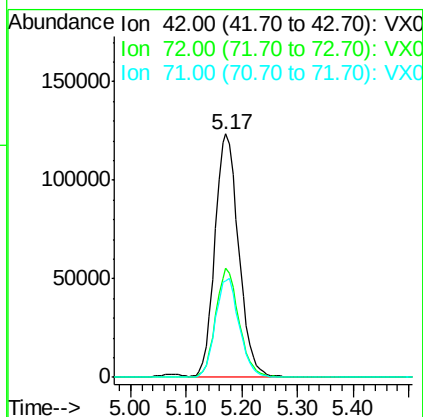
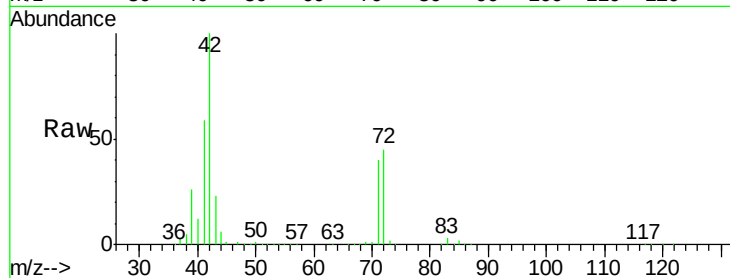




#29
Tetrahydrofuran
Concen: 264.70 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

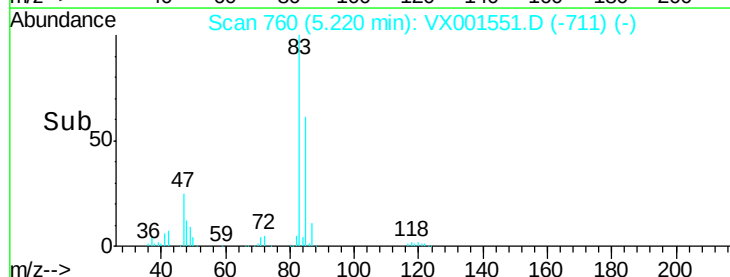
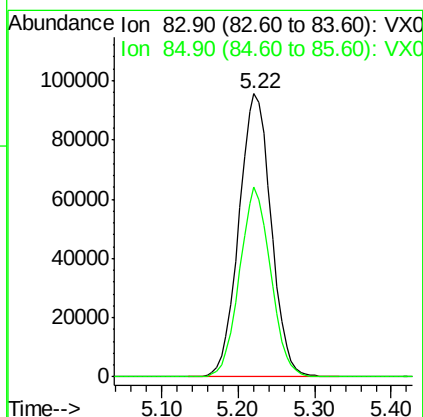
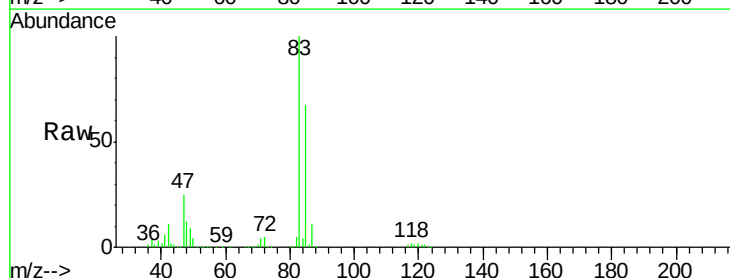
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

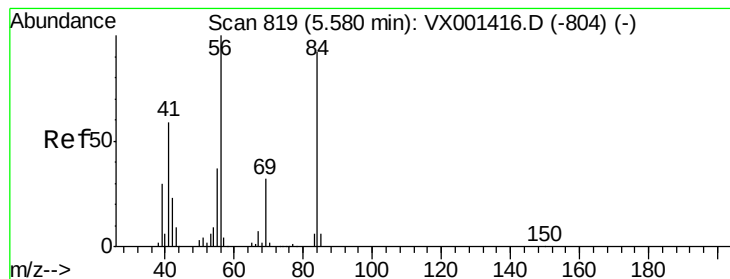
Tgt Ion: 42 Resp: 365039
Ion Ratio Lower Upper
42 100
72 44.1 35.4 53.2
71 40.8 33.0 49.4



#30
Chloroform
Concen: 55.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 83 Resp: 279712
Ion Ratio Lower Upper
83 100
85 67.0 51.0 76.4





#31

Cyclohexane

Concen: 52.85 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

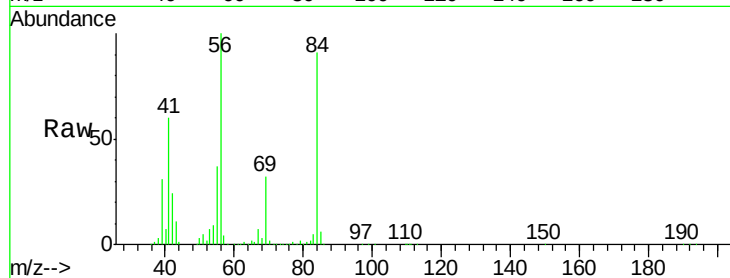
Tgt Ion: 56 Resp: 223296

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

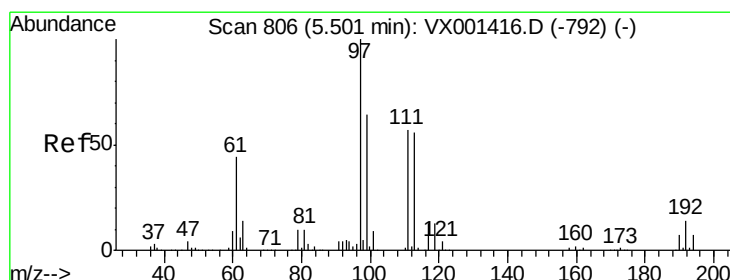
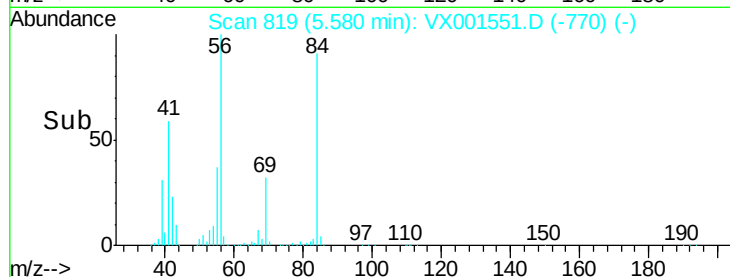
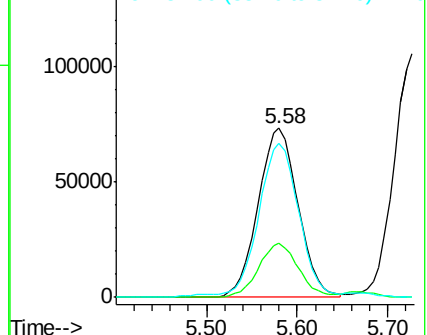
84 89.9 73.8 110.8



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: 56.11 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

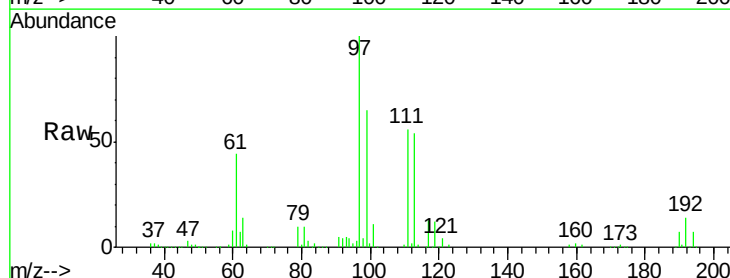
Tgt Ion: 97 Resp: 248526

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

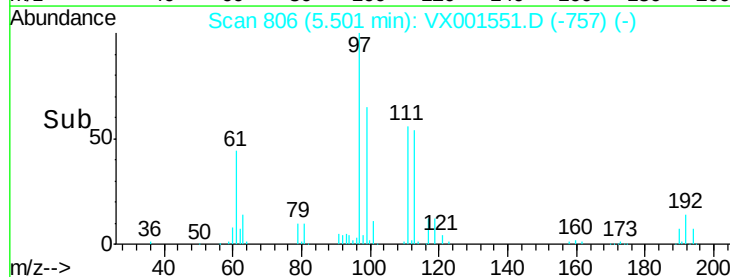
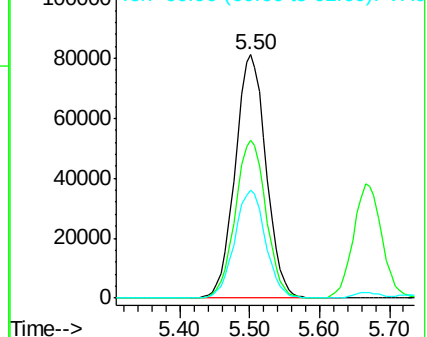
61 44.5 34.8 52.2

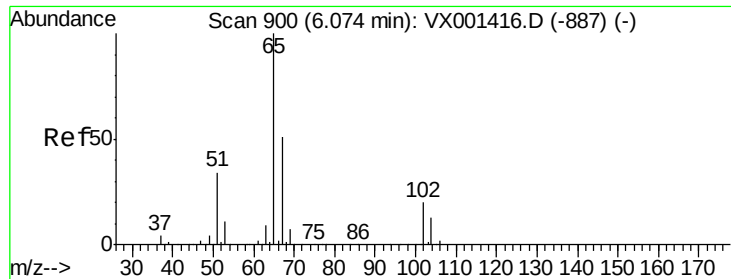


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

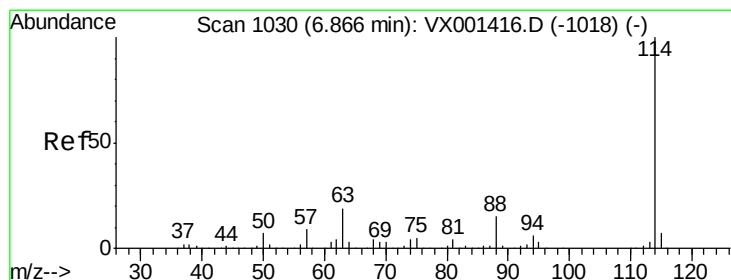
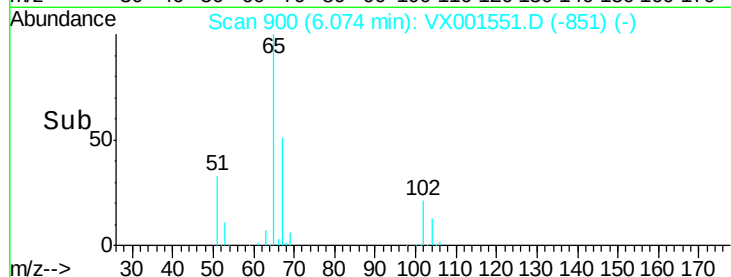
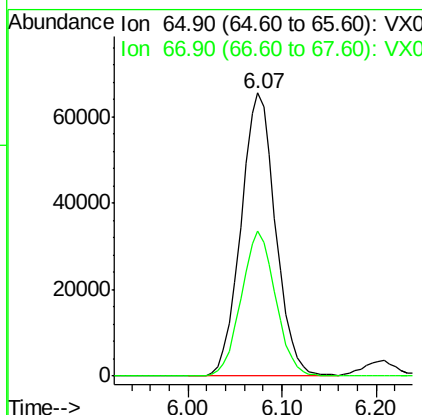
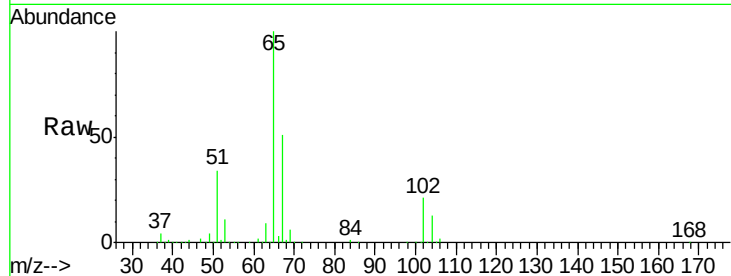




#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

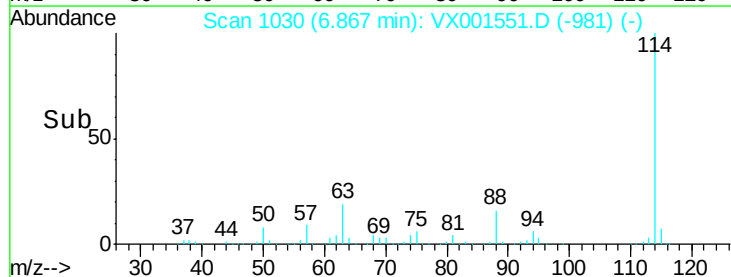
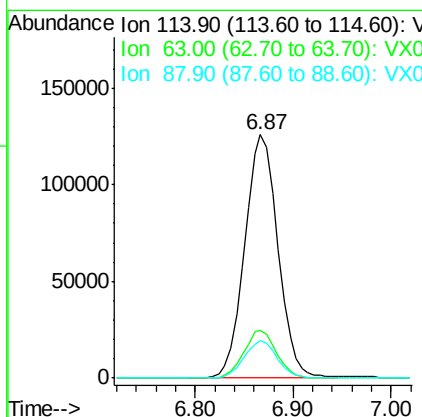
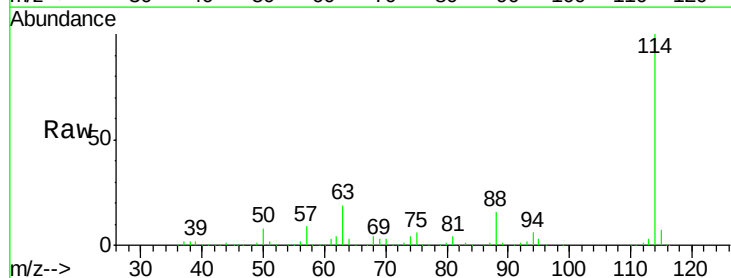
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

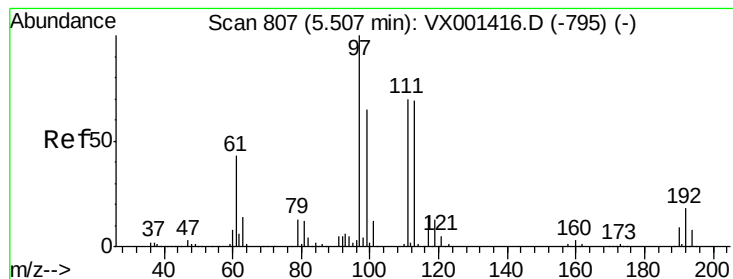
Tgt Ion: 65 Resp: 168267
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 114 Resp: 296713
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.30 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

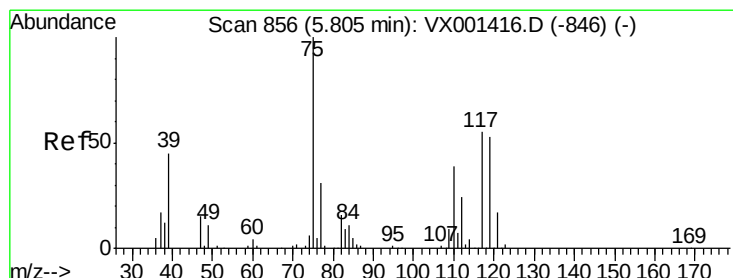
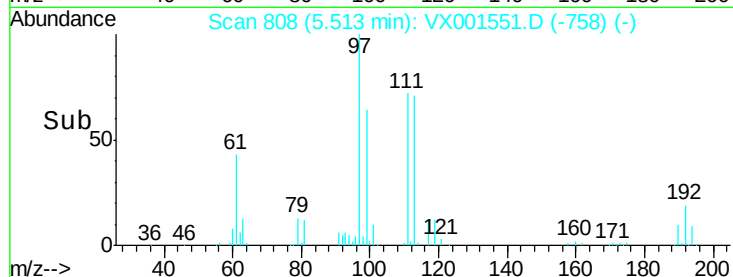
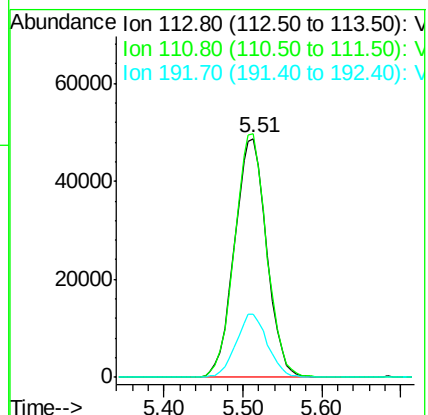
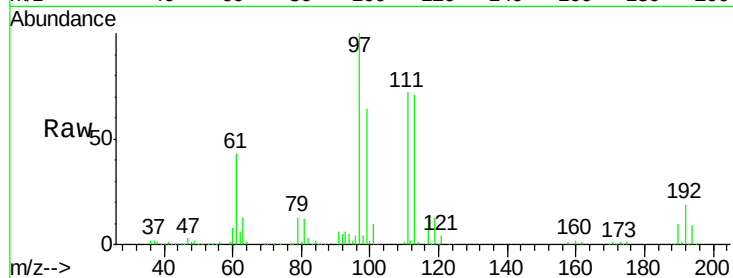
Tgt Ion:113 Resp: 138023

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 26.0 21.4 32.0



#36

1,1-Dichloropropene

Concen: 52.77 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

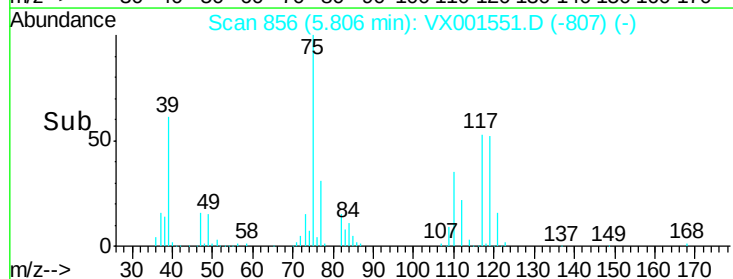
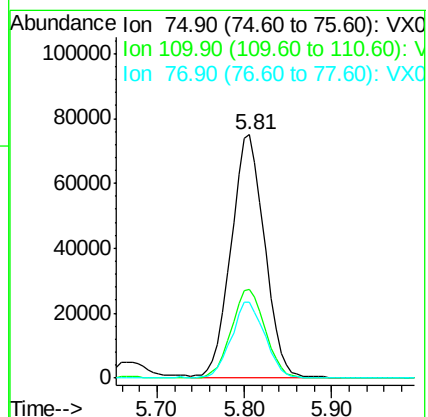
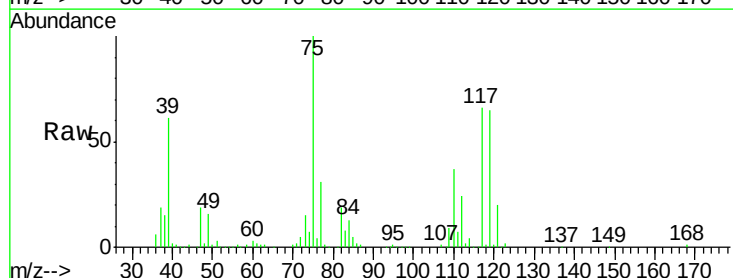
Tgt Ion: 75 Resp: 199154

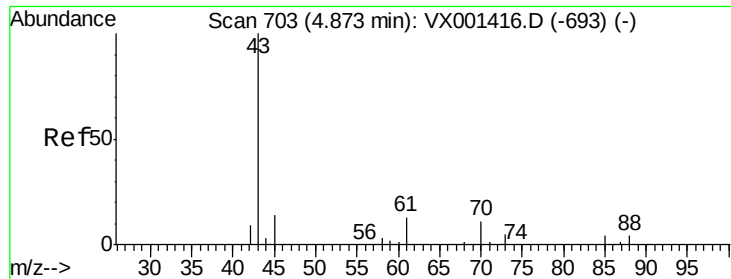
Ion Ratio Lower Upper

75 100

110 37.0 18.9 56.7

77 31.5 24.9 37.3

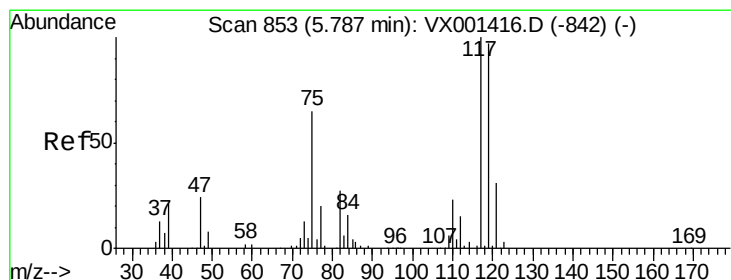
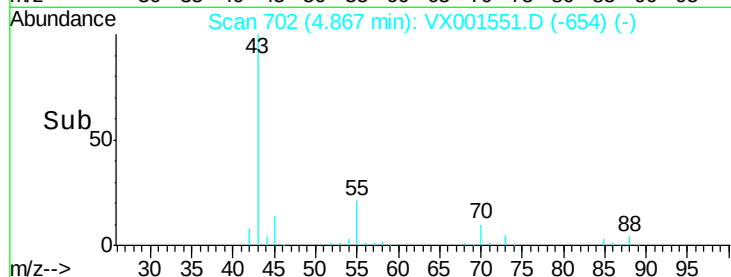
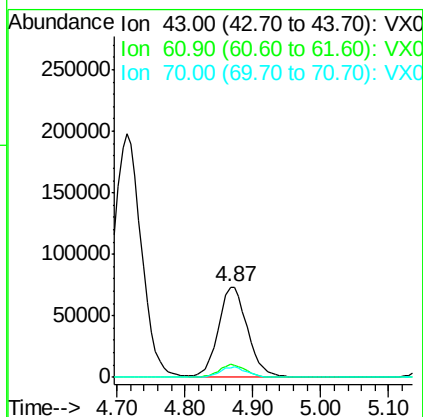
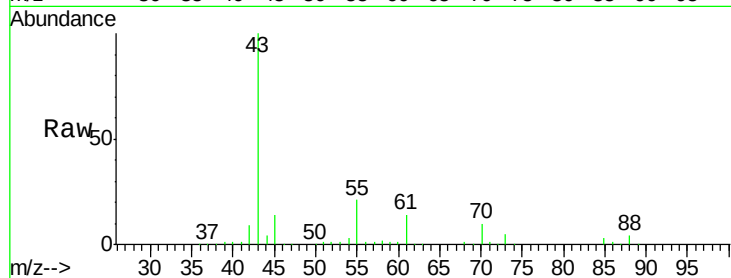




#37
Ethyl Acetate
Concen: 52.46 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

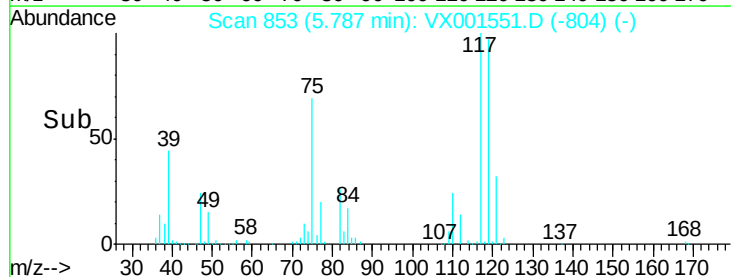
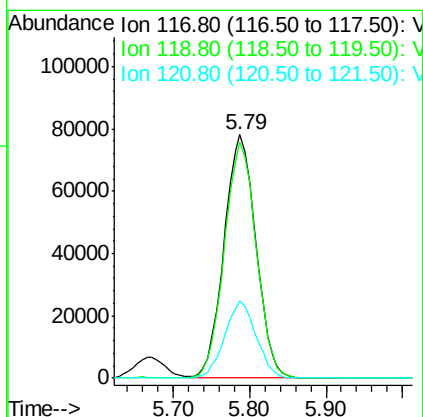
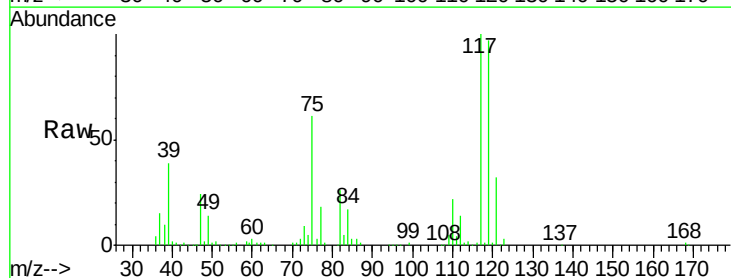
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

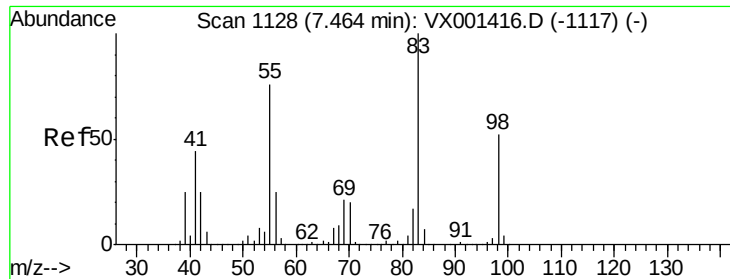
Tgt Ion: 43 Resp: 217029
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 55.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 117 Resp: 224874
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
121 31.7 25.1 37.7

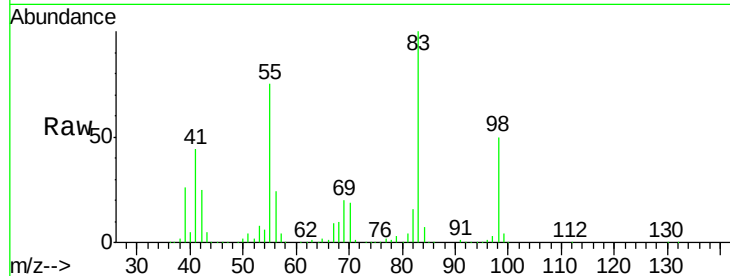




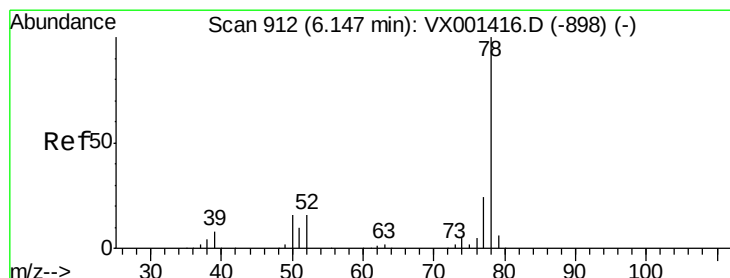
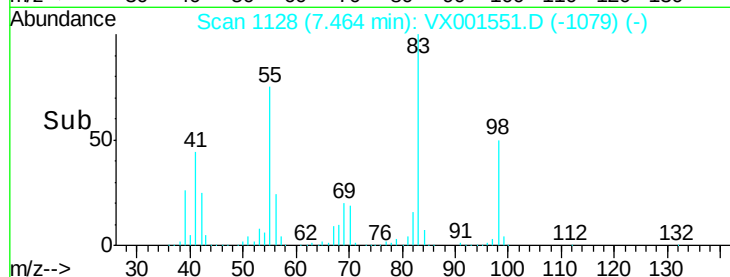
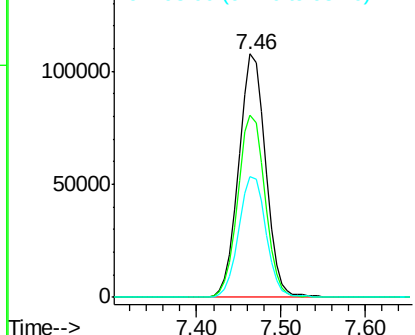
#39
Methylcyclohexane
Concen: 51.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 231043
Ion Ratio Lower Upper
83 100
55 74.9 60.9 91.3
98 49.5 41.9 62.9

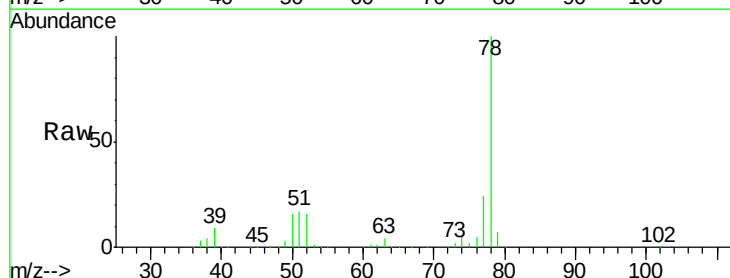


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

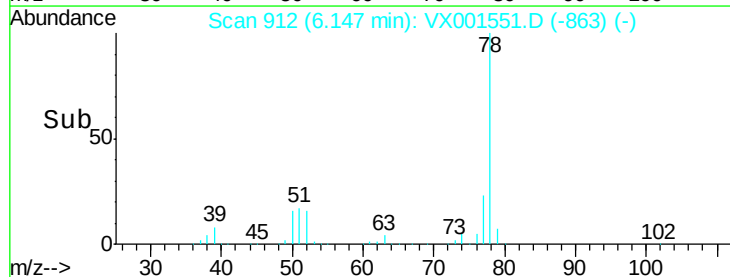
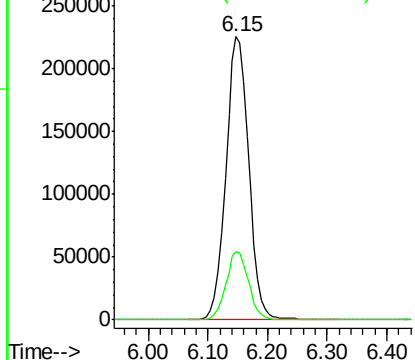


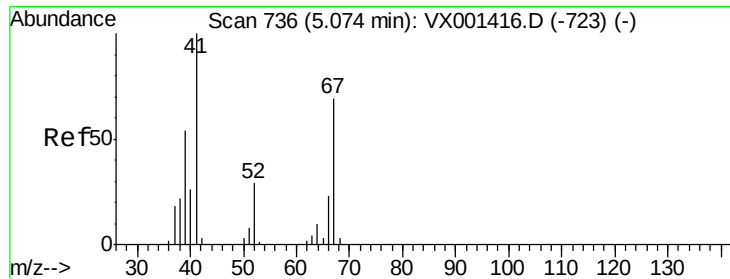
#40
Benzene
Concen: 54.33 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 78 Resp: 598915
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2



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

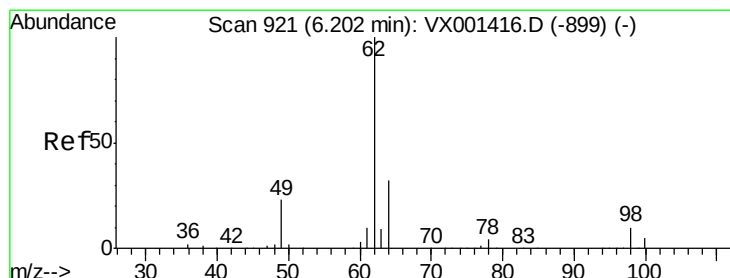
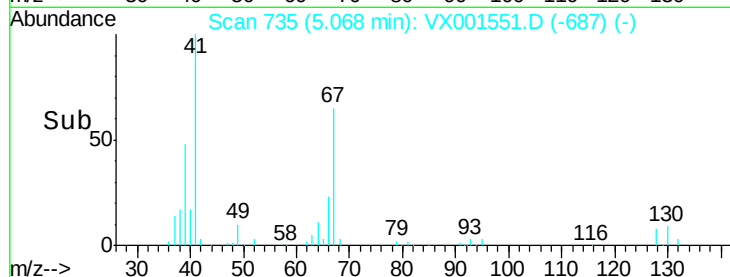
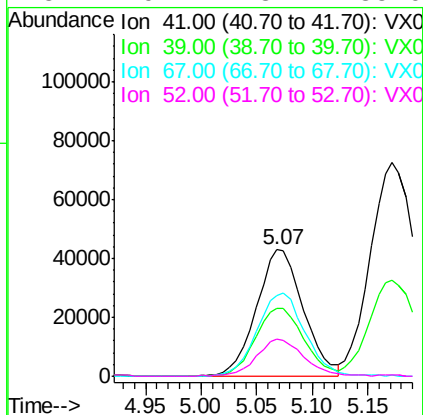
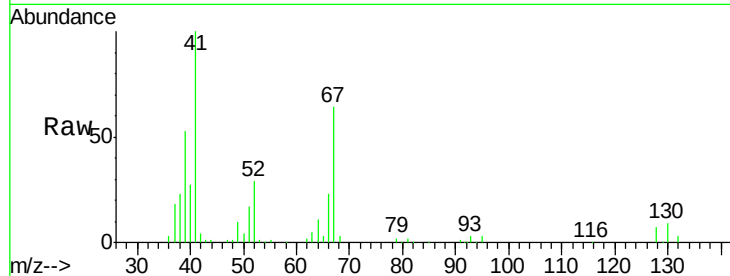




#41
Methacrylonitrile
Concen: 53.06 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

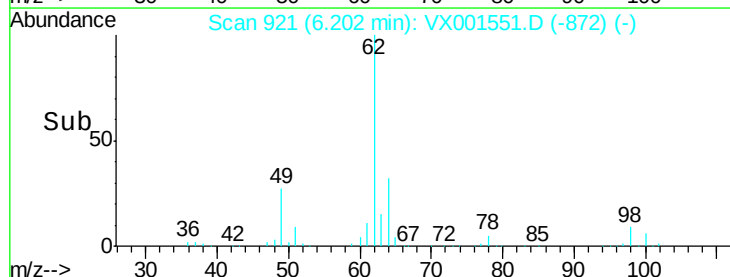
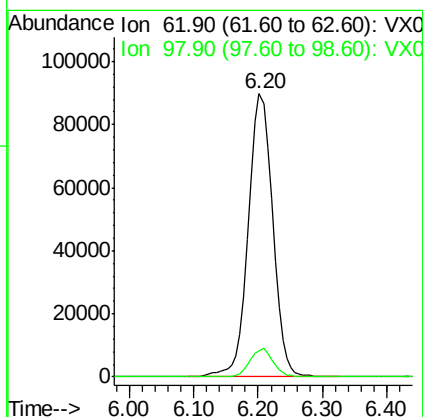
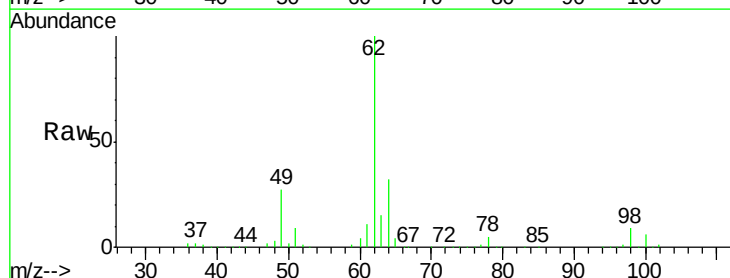
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

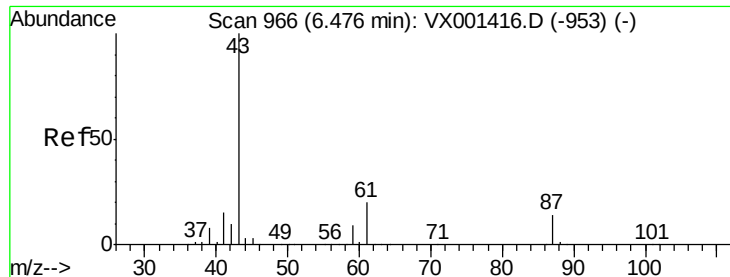
Tgt Ion:	41	Resp:	125599
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.0	67.6
67	67.6	55.0	82.6
52	29.4	23.4	35.0



#42
1,2-Dichloroethane
Concen: 55.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion:	62	Resp:	233426
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.66 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

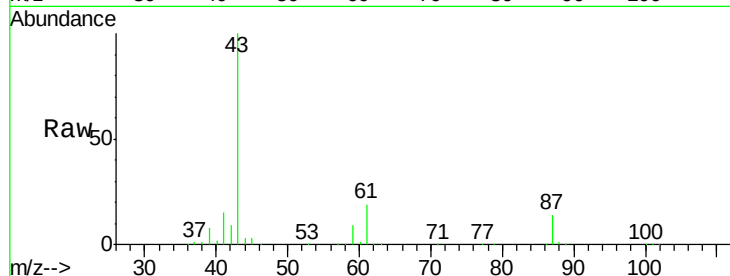
Tgt Ion: 43 Resp: 347130

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

87 13.3 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

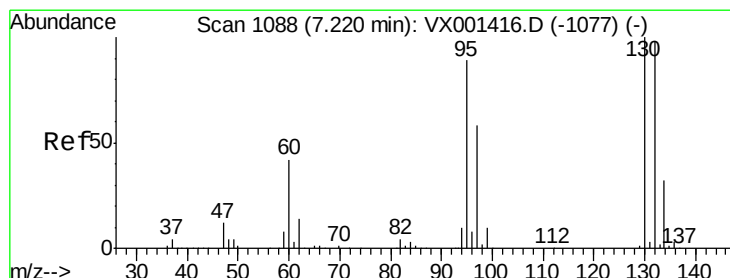
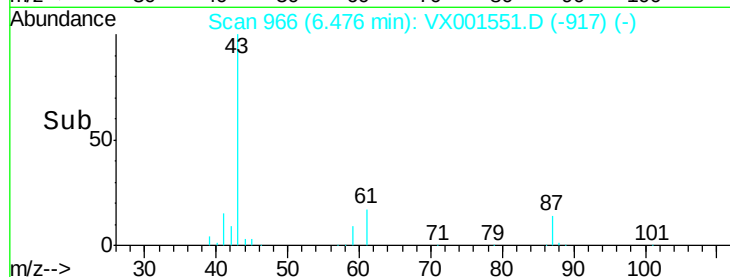
100000

50000

0

6.30 6.40 6.50 6.60 6.70

Time-->



#44

Trichloroethene

Concen: 53.78 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001551.D

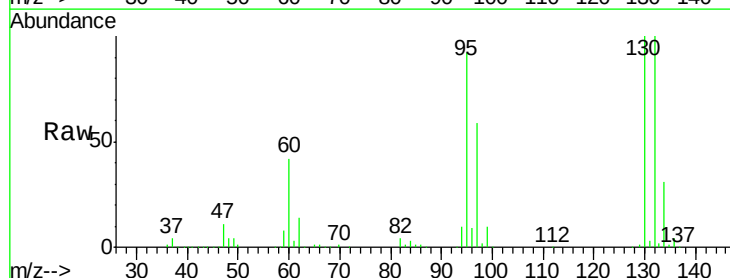
Acq: 09 May 2018 08:41

Tgt Ion: 130 Resp: 181205

Ion Ratio Lower Upper

130 100

95 92.4 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

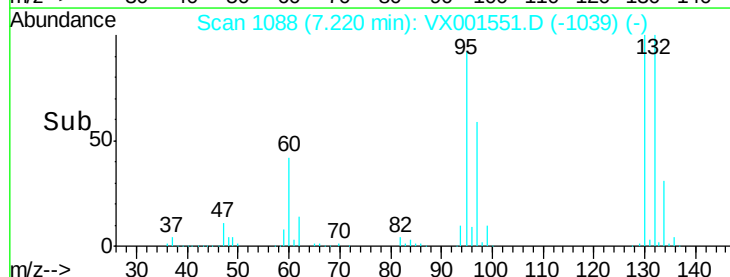
40000

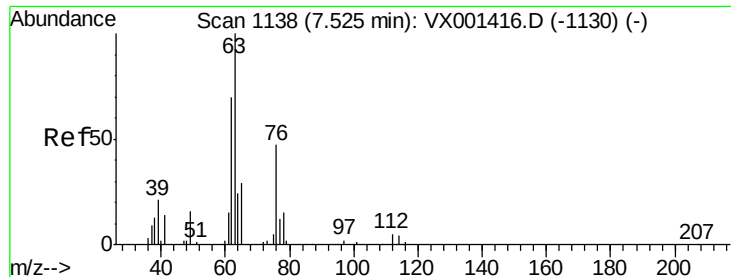
20000

0

7.10 7.20 7.30

Time-->

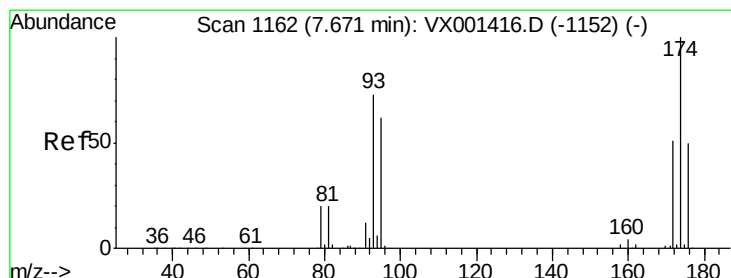
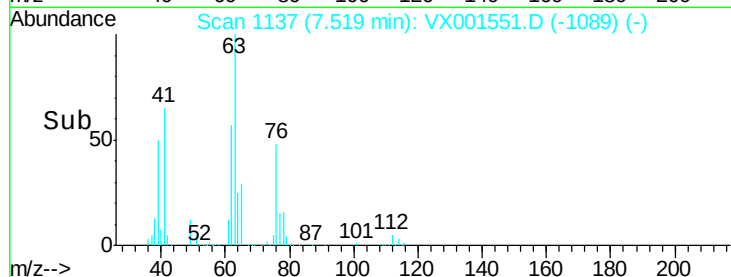
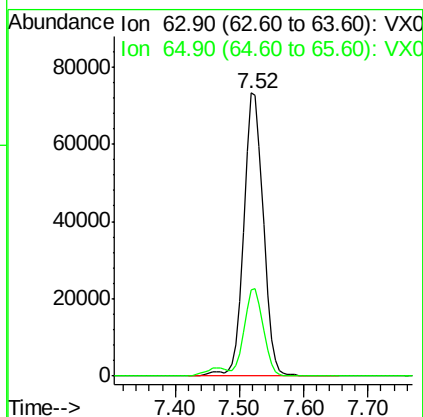
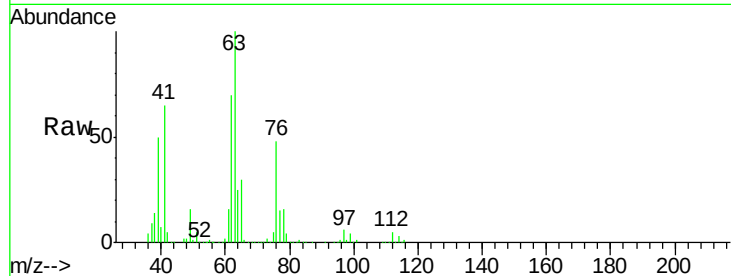




#45
 1,2-Dichloropropane
 Concen: 55.31 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

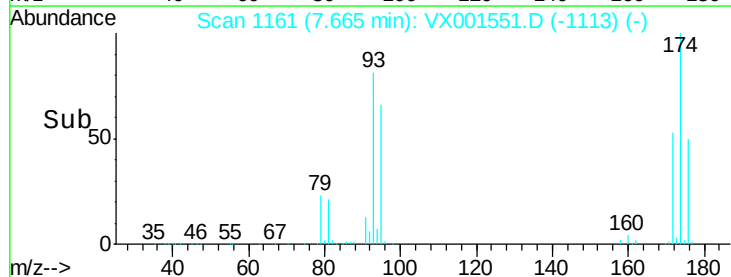
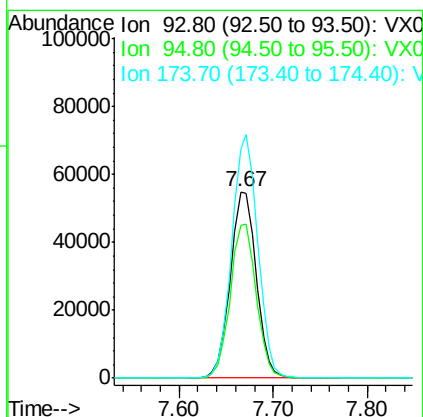
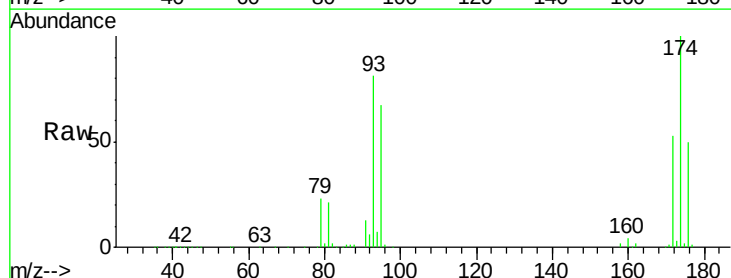
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

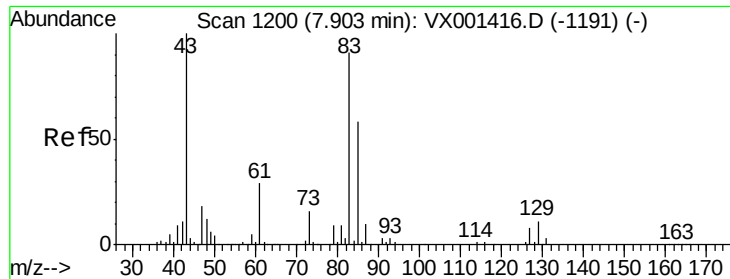
Tgt Ion: 63 Resp: 152016
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 54.41 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 93 Resp: 105864
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 129.8 104.5 156.7





#47

Bromodichloromethane

Concen: 57.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

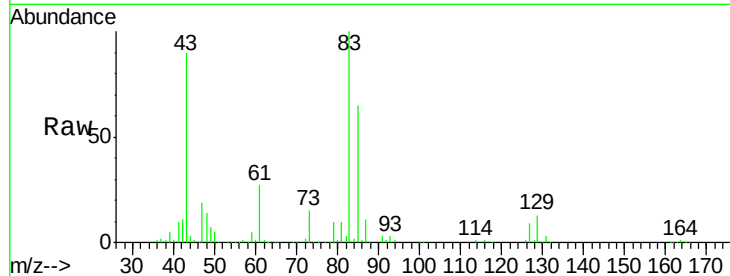
Tgt Ion: 83 Resp: 207012

Ion Ratio Lower Upper

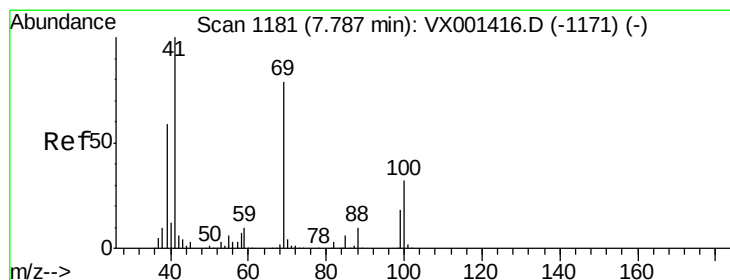
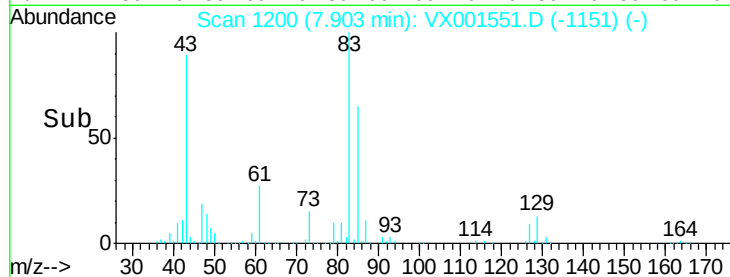
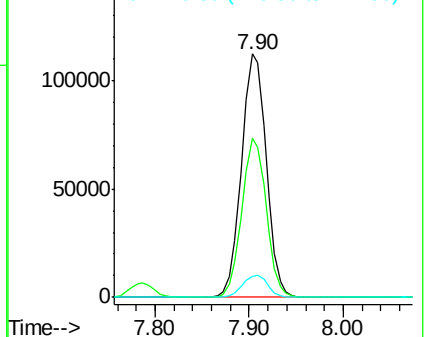
83 100

85 65.2 51.0 76.6

127 8.7 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: 54.43 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

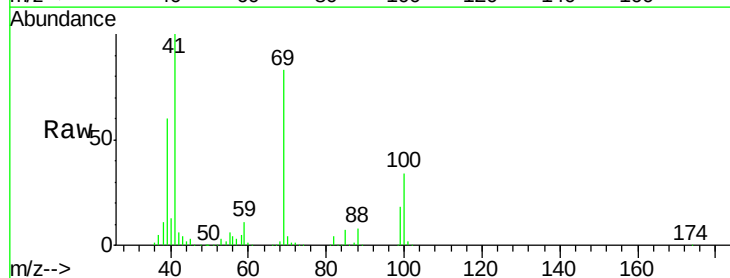
Tgt Ion: 41 Resp: 188238

Ion Ratio Lower Upper

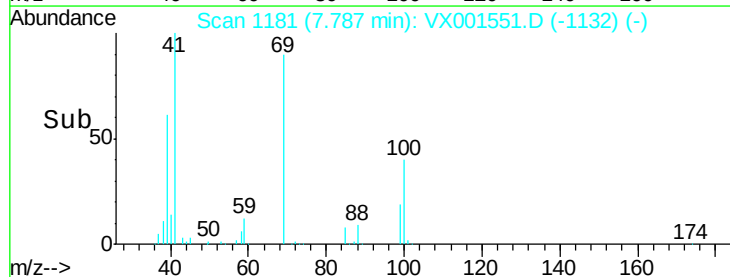
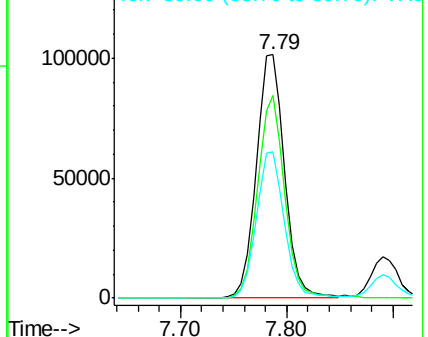
41 100

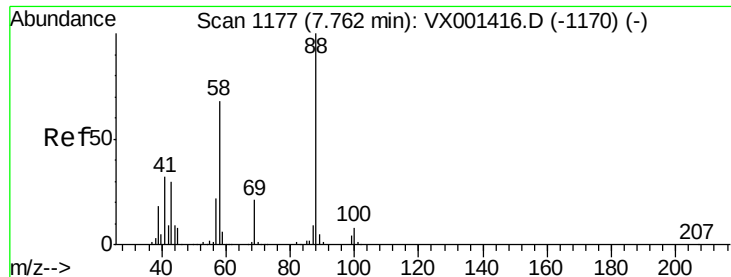
69 80.5 63.4 95.2

39 59.5 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

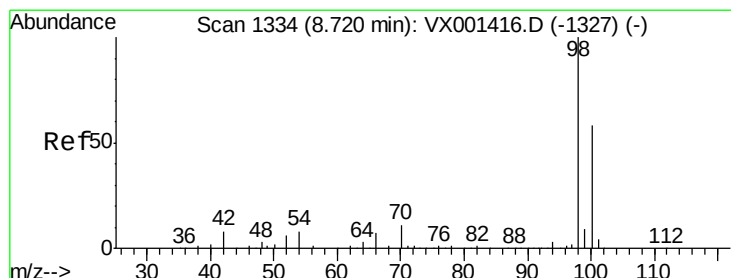
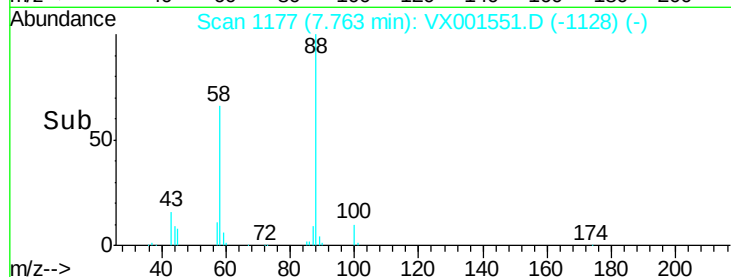
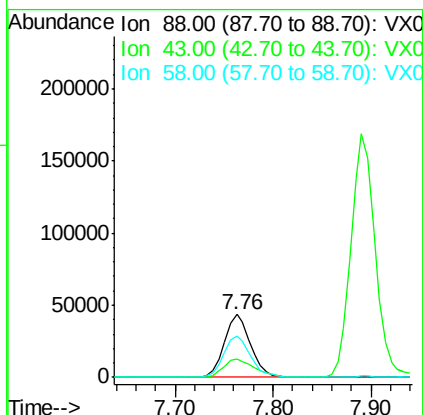
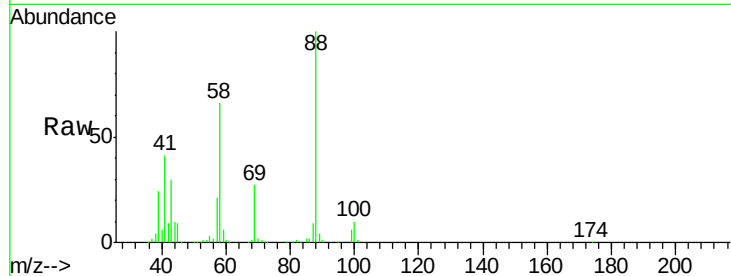




#49
1,4-Dioxane
Concen: 1078.81 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

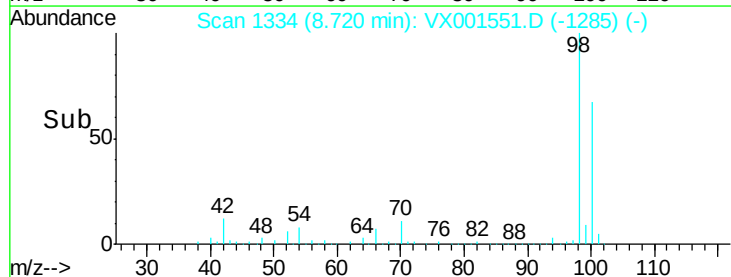
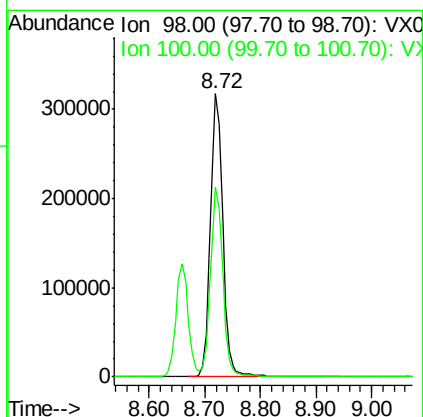
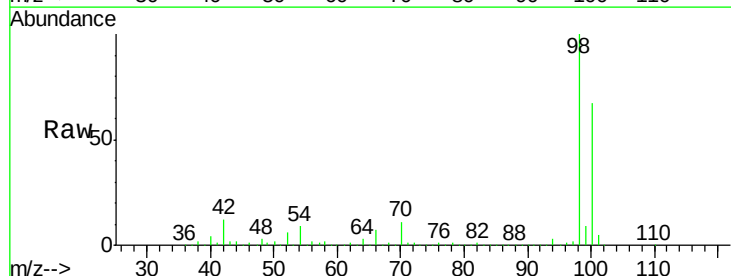
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

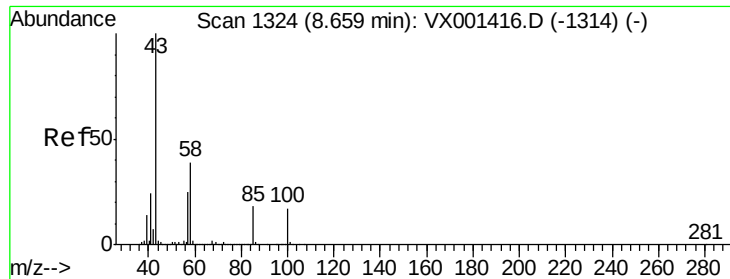
Tgt Ion: 88 Resp: 80606
Ion Ratio Lower Upper
88 100
43 34.4 26.4 39.6
58 68.7 54.1 81.1



#50
Toluene-d8
Concen: 51.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 98 Resp: 500808
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 280.29 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

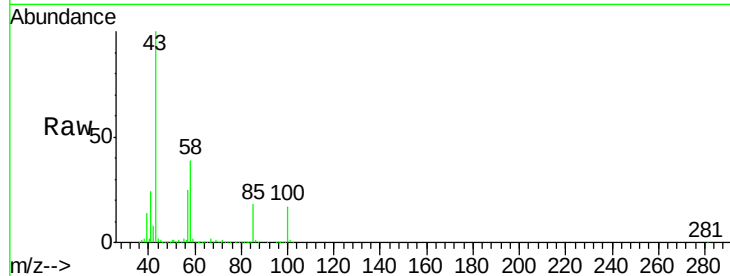
VSTDCCC050EC

Tgt Ion: 43 Resp: 1182969

Ion Ratio Lower Upper

43 100

58 38.9 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

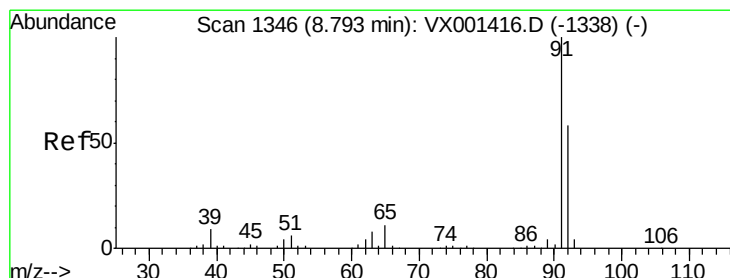
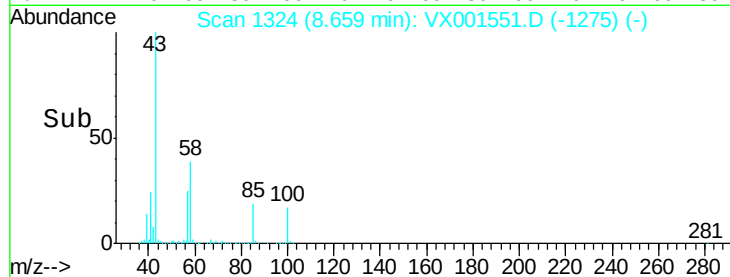
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.34 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001551.D

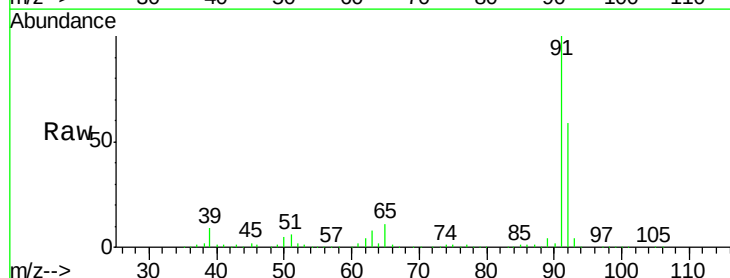
Acq: 09 May 2018 08:41

Tgt Ion: 92 Resp: 398899

Ion Ratio Lower Upper

92 100

91 170.5 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

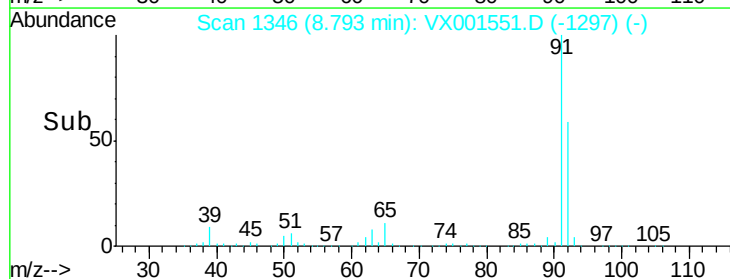
300000

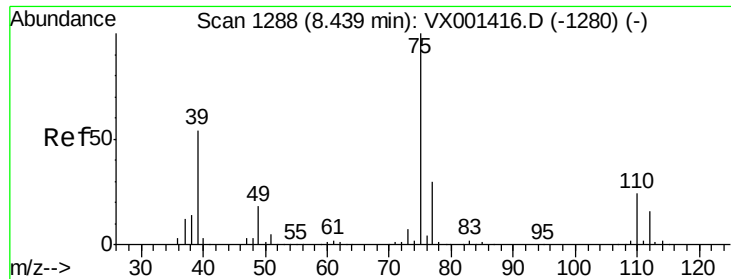
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.10 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

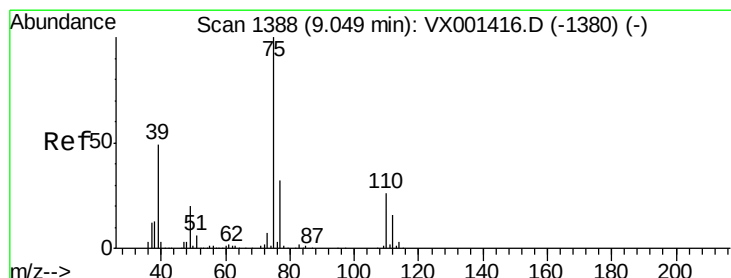
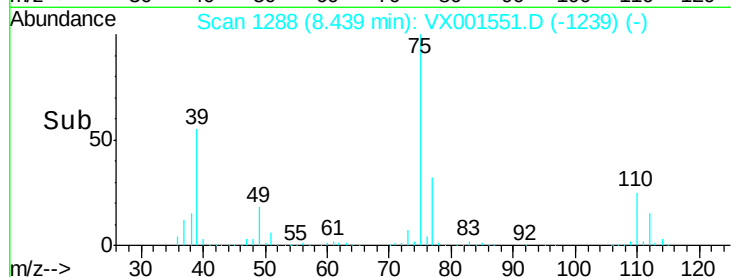
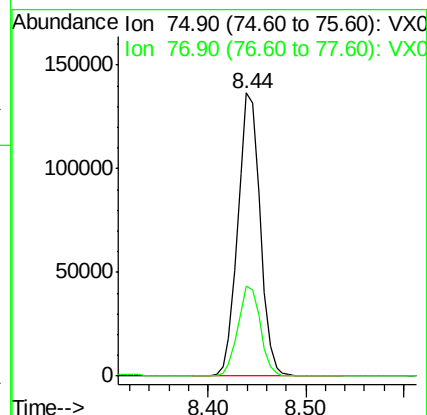
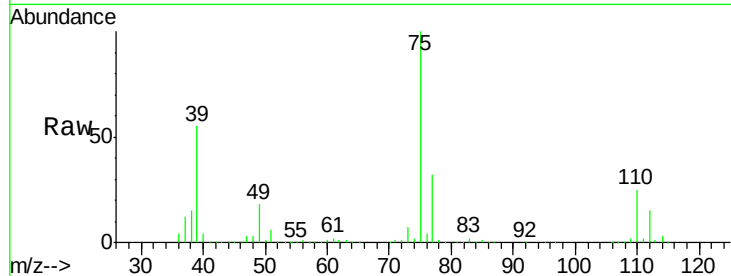
VSTDCCC050EC

Tgt Ion: 75 Resp: 216095

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 46.66 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

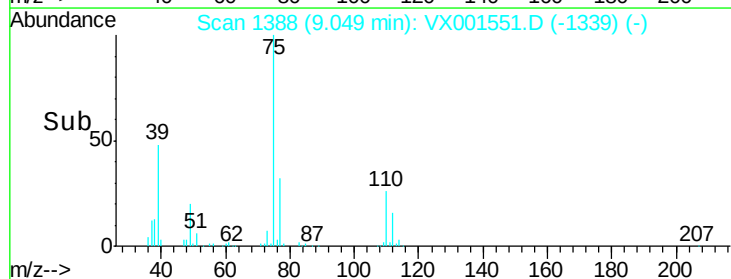
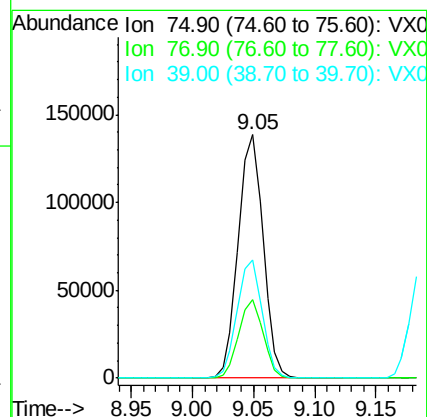
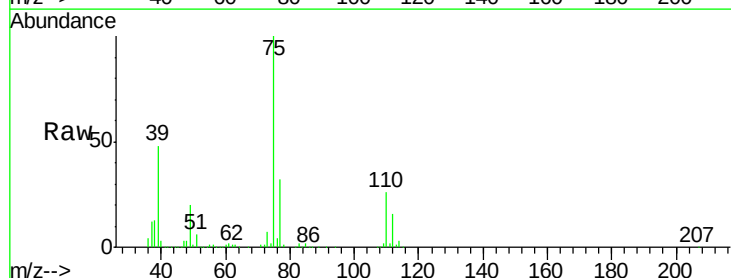
Tgt Ion: 75 Resp: 195645

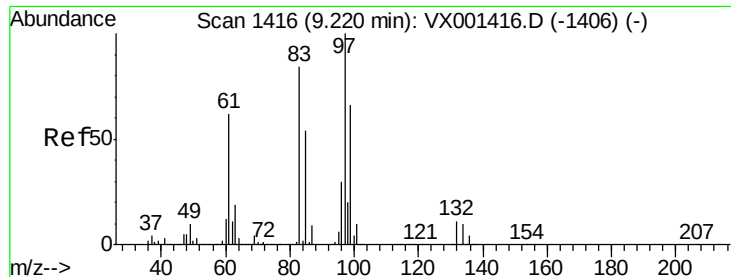
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 48.3 38.9 58.3

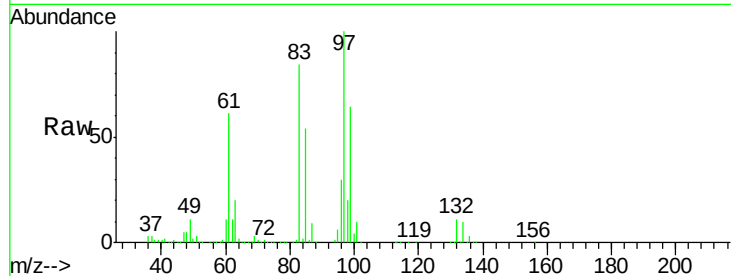




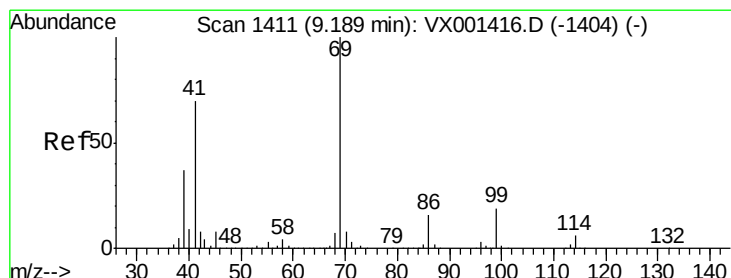
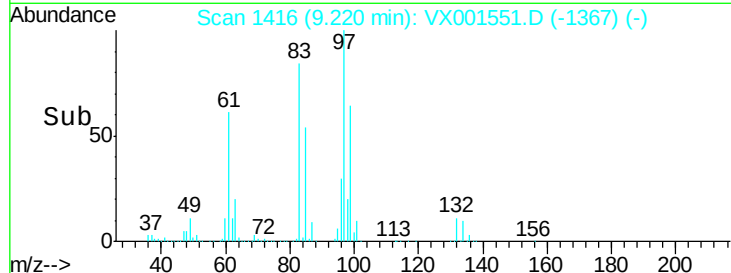
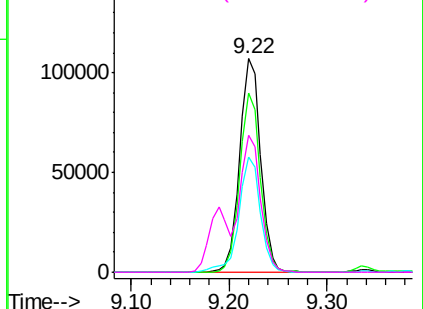
#55
 1,1,2-Trichloroethane
 Concen: 54.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 159395
 Ion Ratio Lower Upper
 97 100
 83 83.8 67.4 101.0
 85 54.1 43.3 64.9
 99 64.0 52.5 78.7

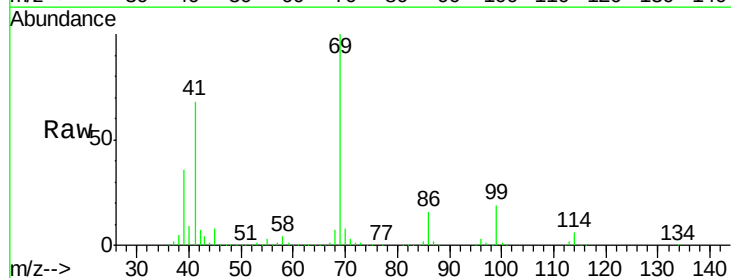


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

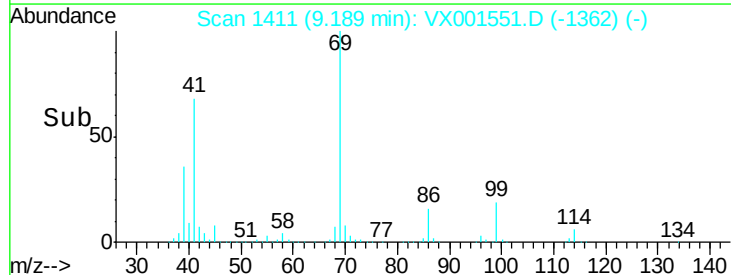
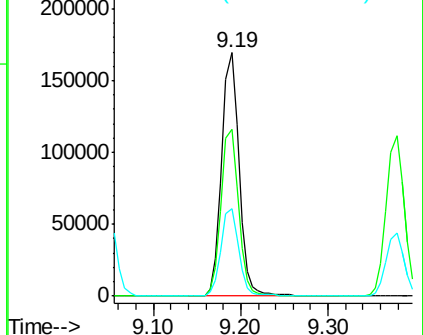


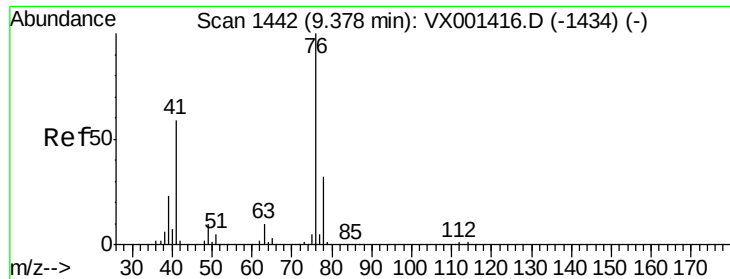
#56
 Ethyl methacrylate
 Concen: 55.88 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 69 Resp: 233939
 Ion Ratio Lower Upper
 69 100
 41 69.2 55.1 82.7
 39 36.5 29.9 44.9



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

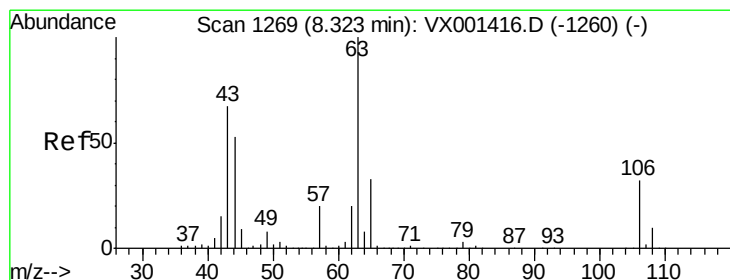
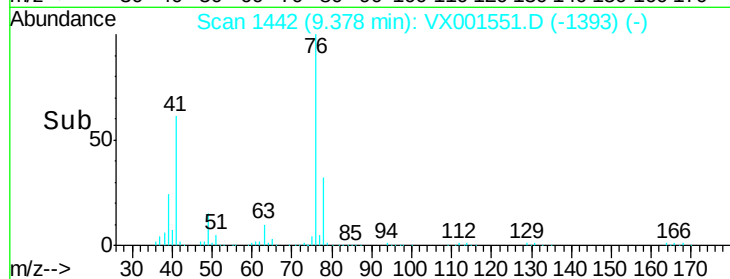
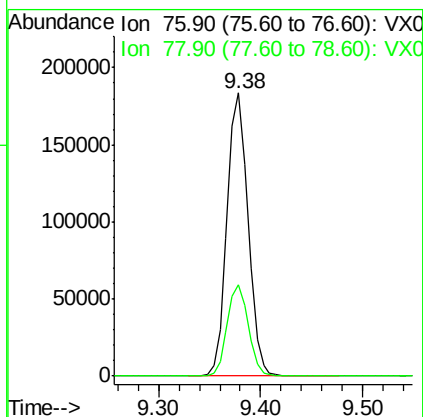
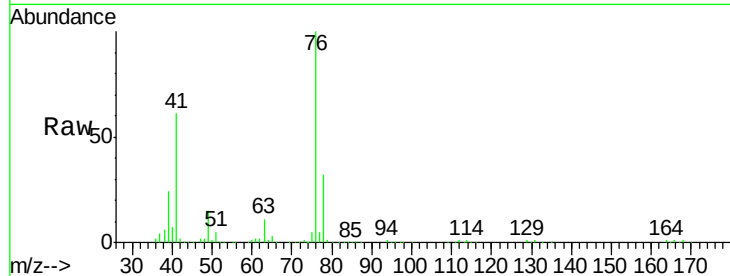




#57
 1,3-Dichloropropane
 Concen: 54.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

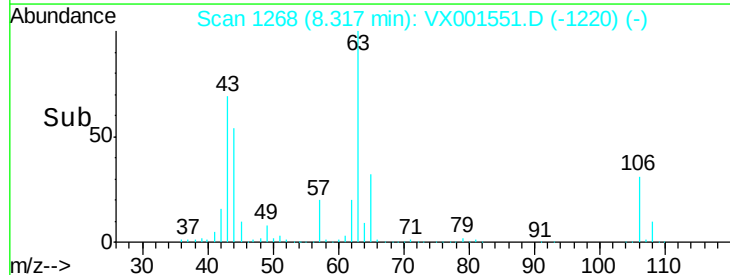
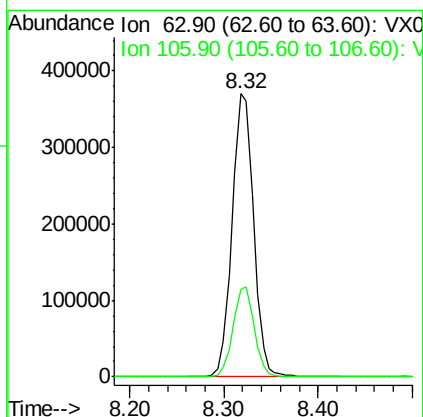
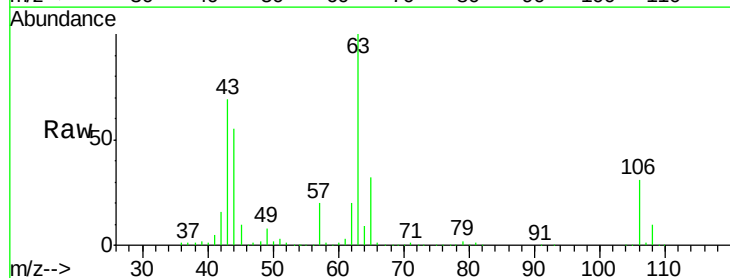
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

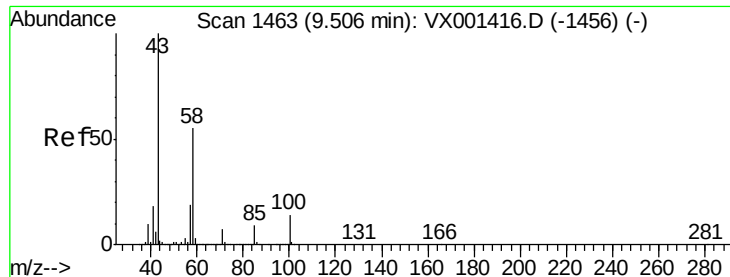
Tgt Ion: 76 Resp: 261929
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.02 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 63 Resp: 585225
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.0

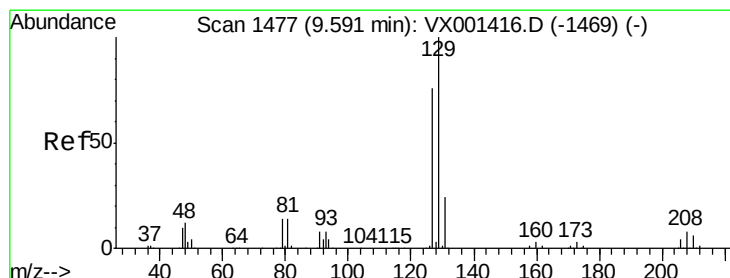
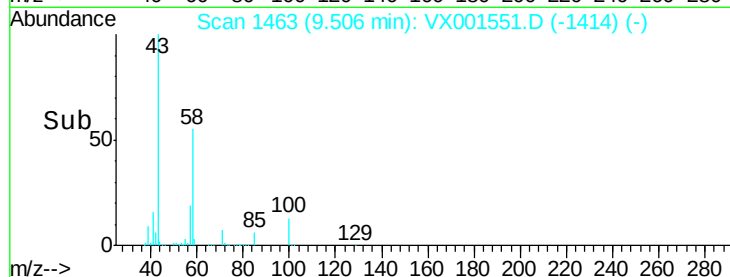
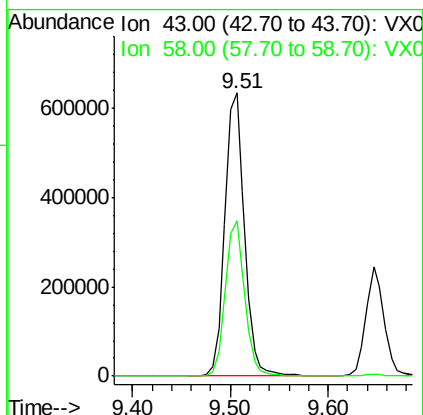
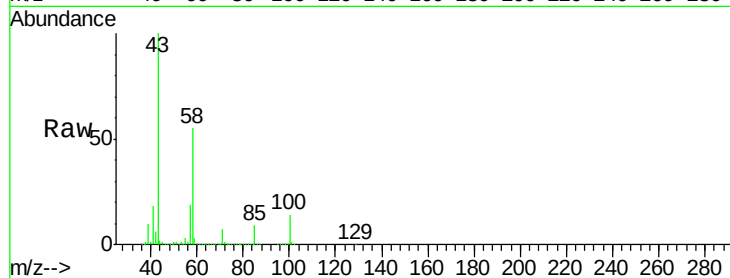




#59
2-Hexanone
Concen: 273.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

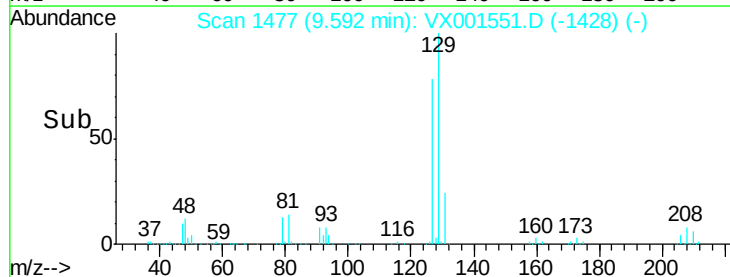
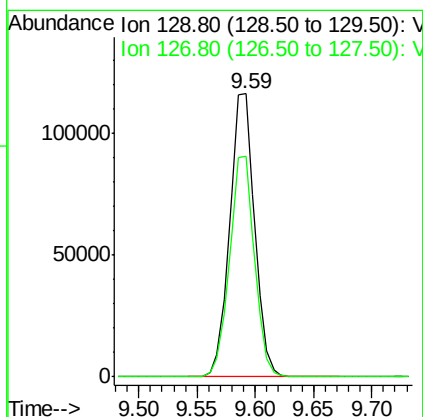
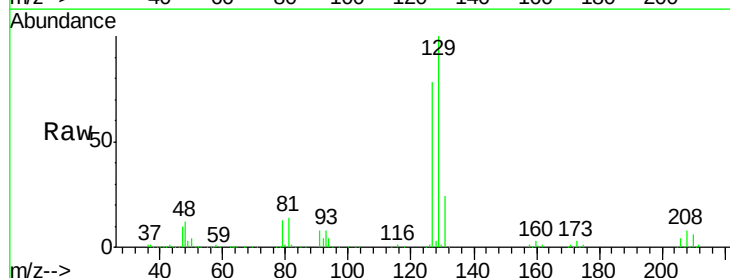
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

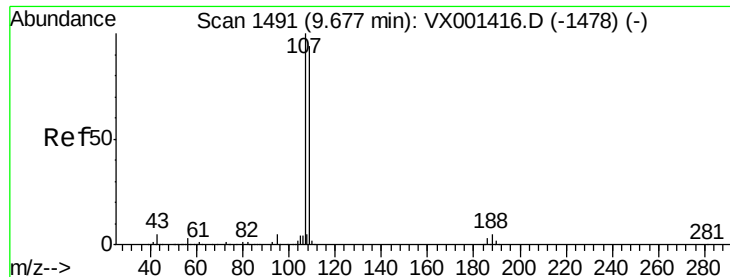
Tgt Ion: 43 Resp: 883746
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.2



#60
Dibromochloromethane
Concen: 58.22 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 129 Resp: 173156
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5

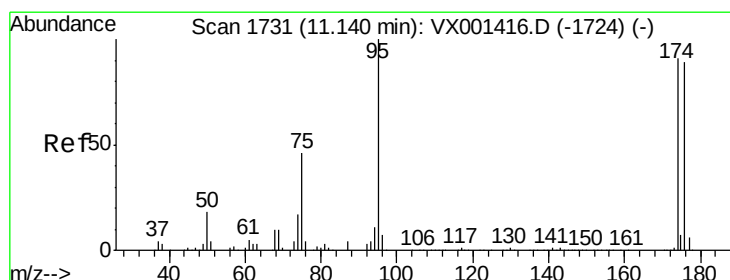
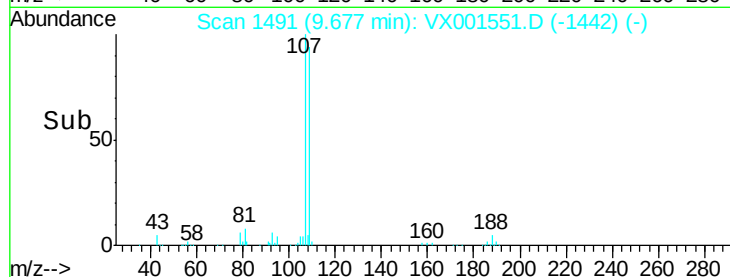
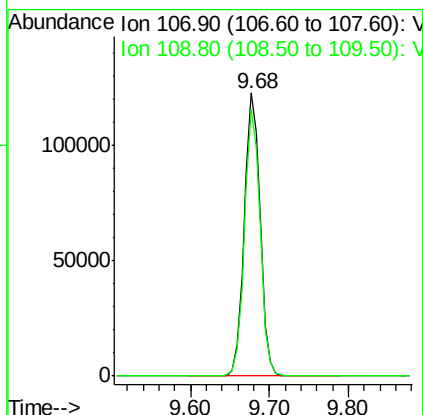
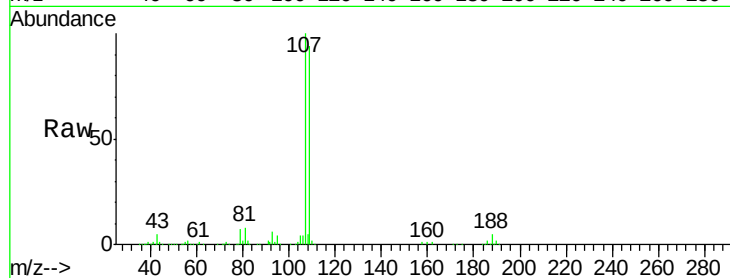




#61
 1,2-Dibromoethane
 Concen: 56.00 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

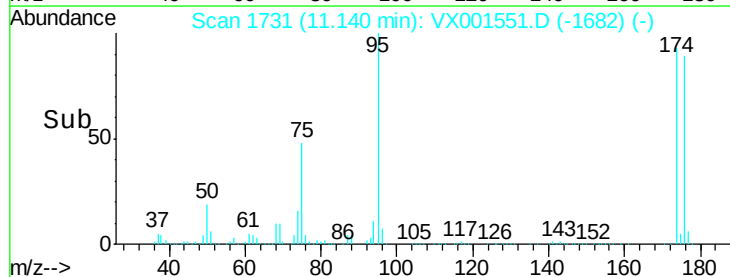
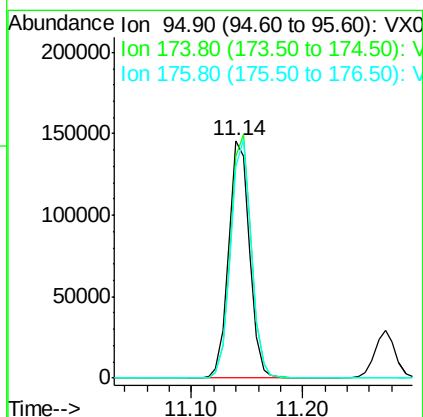
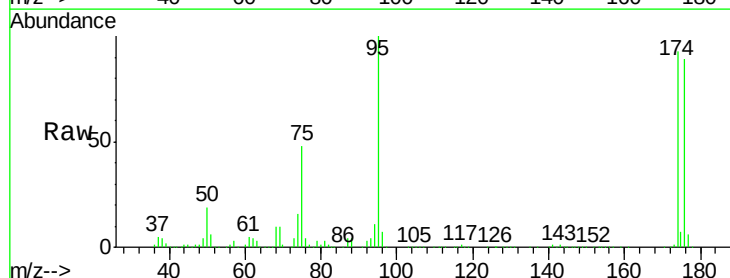
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

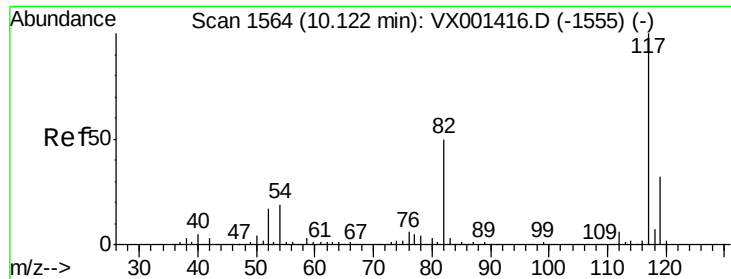
Tgt Ion: 107 Resp: 170741
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.93 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 95 Resp: 188337
 Ion Ratio Lower Upper
 95 100
 174 102.0 0.0 202.0
 176 99.2 0.0 197.4

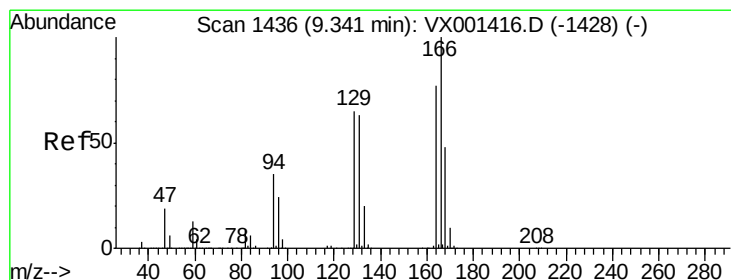
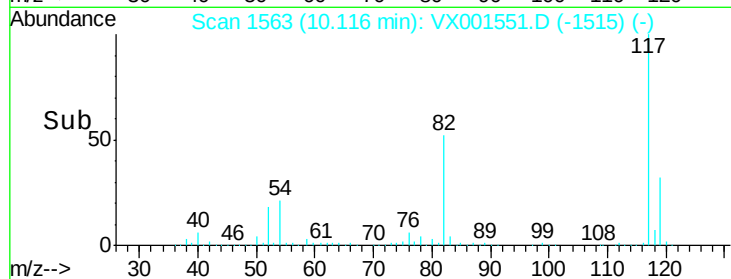
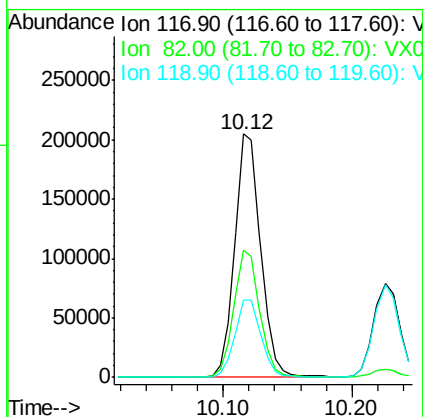
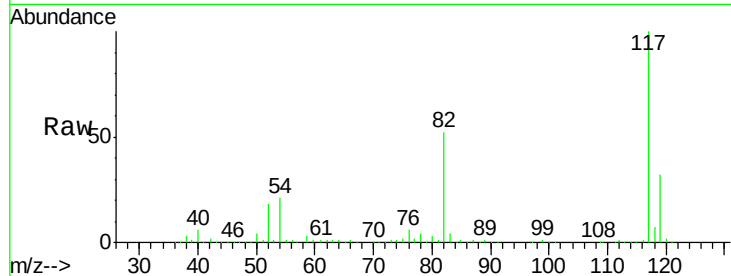




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

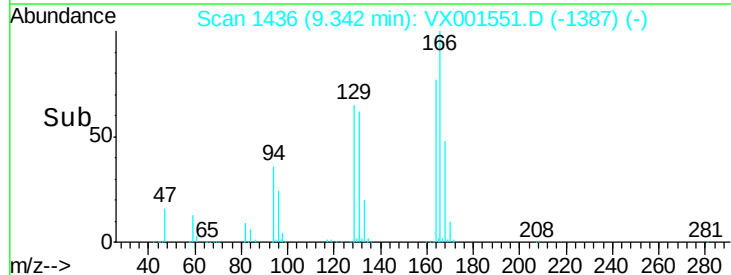
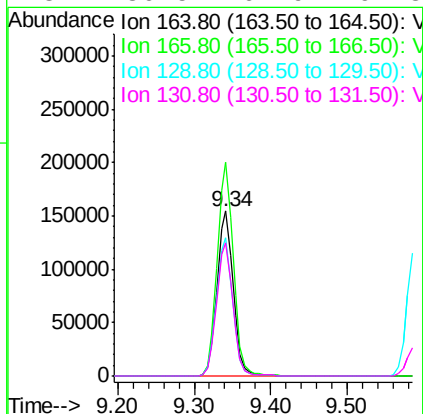
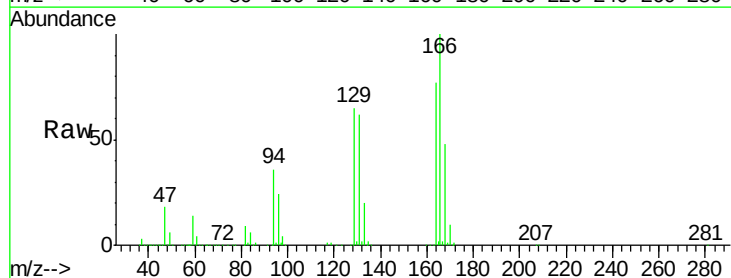
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

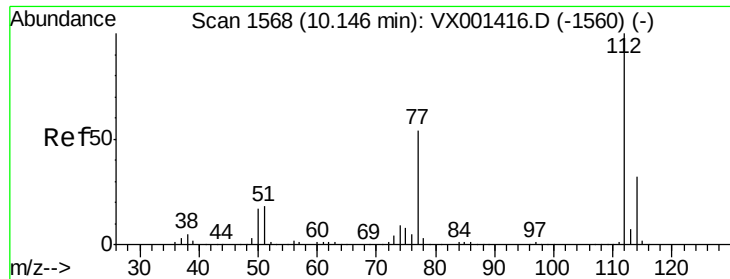
Tgt Ion:117 Resp: 288760
Ion Ratio Lower Upper
117 100
82 52.5 40.0 60.0
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 56.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion:164 Resp: 226860
Ion Ratio Lower Upper
164 100
166 129.5 103.5 155.3
129 83.6 66.7 100.1
131 80.5 64.9 97.3

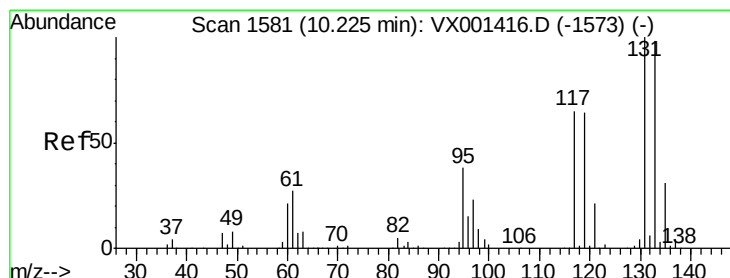
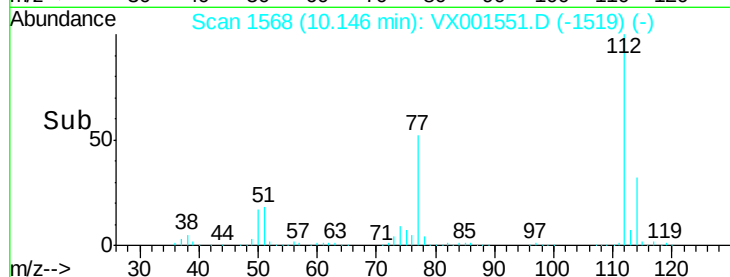
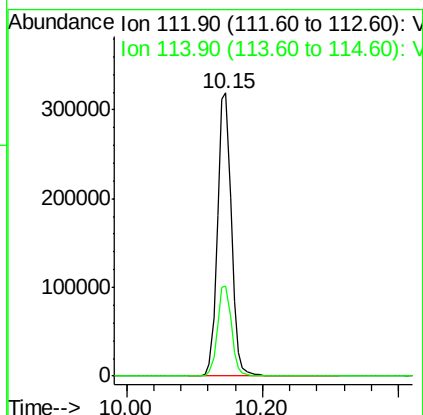
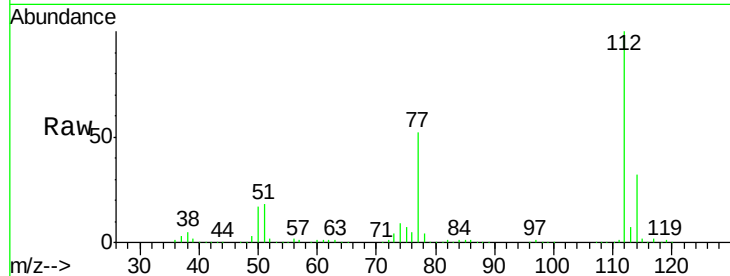




#65
Chlorobenzene
Concen: 53.34 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

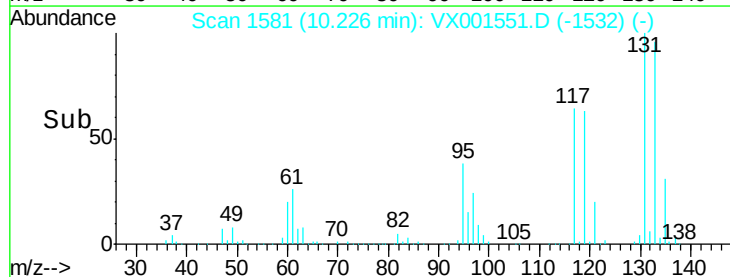
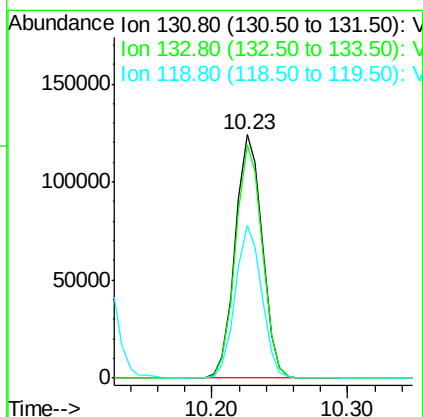
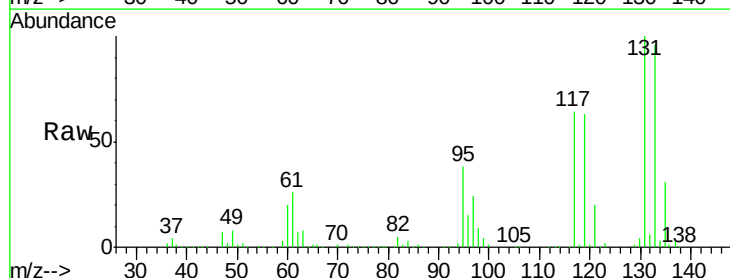
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

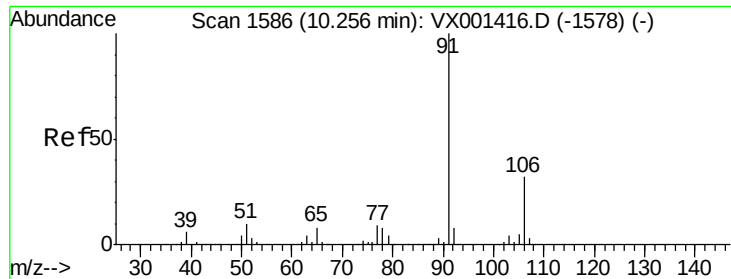
Tgt Ion:112 Resp: 451738
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion:131 Resp: 171028
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 61.8 31.1 93.3

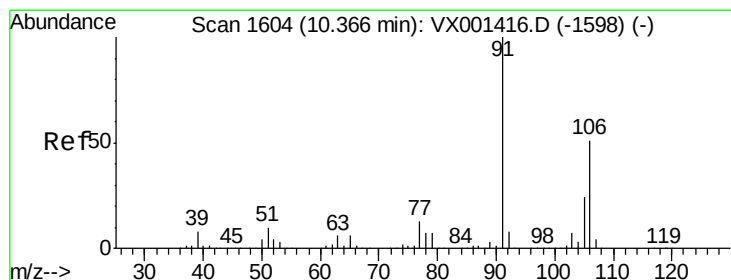
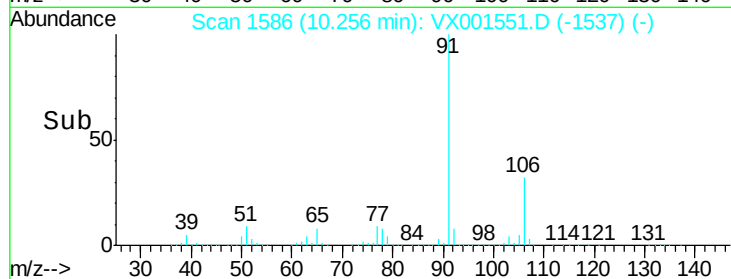
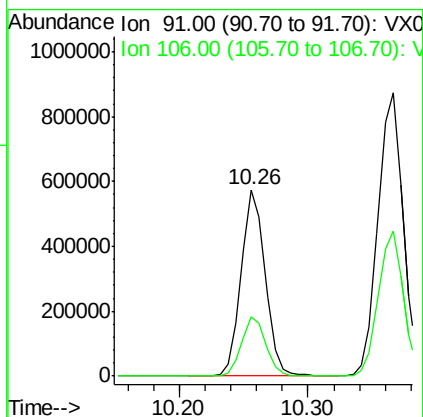
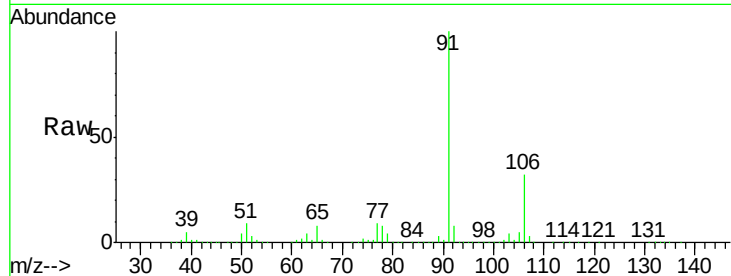




#67
Ethyl Benzene
Concen: 53.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

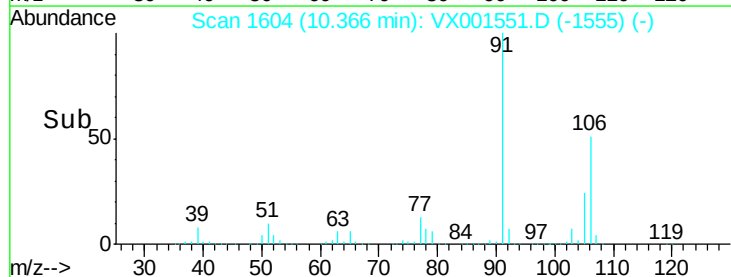
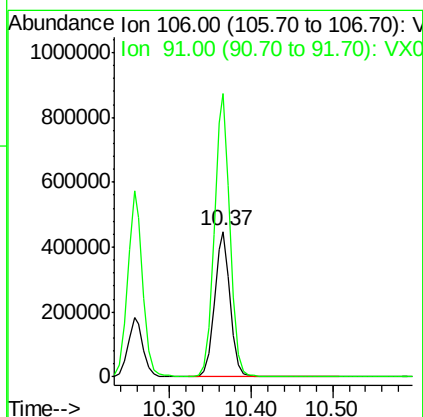
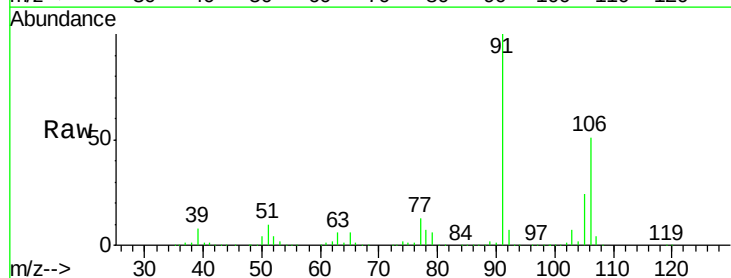
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

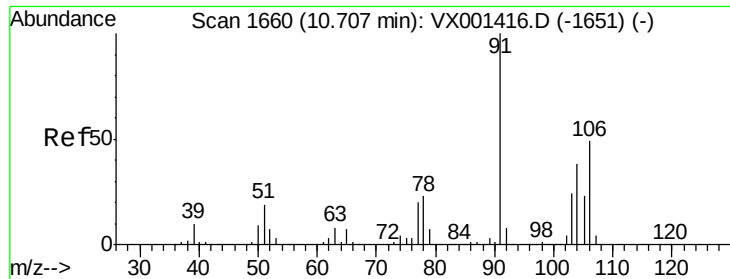
Tgt Ion: 91 Resp: 748022
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 110.19 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 106 Resp: 604330
Ion Ratio Lower Upper
106 100
91 195.7 157.5 236.3

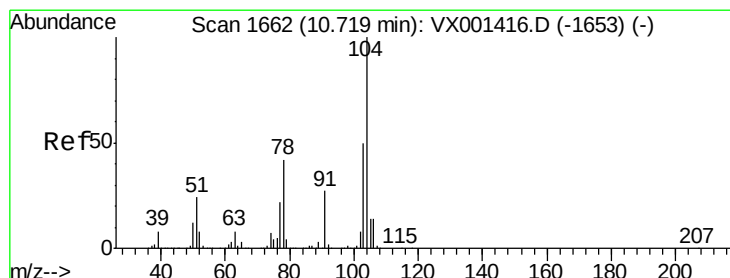
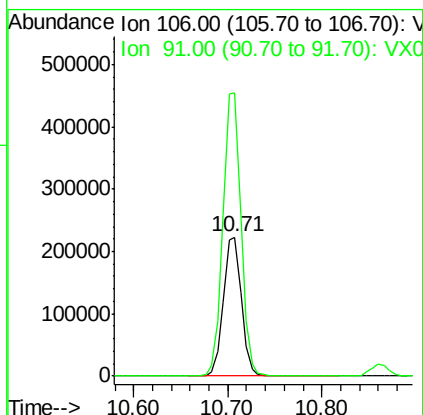
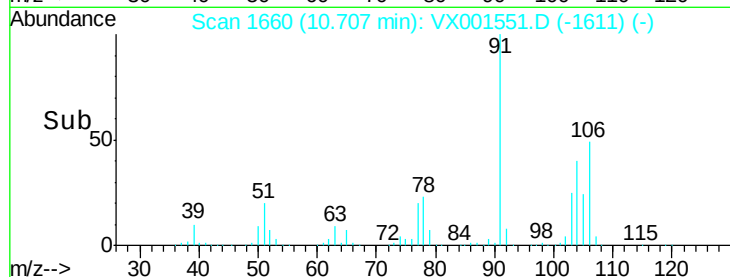
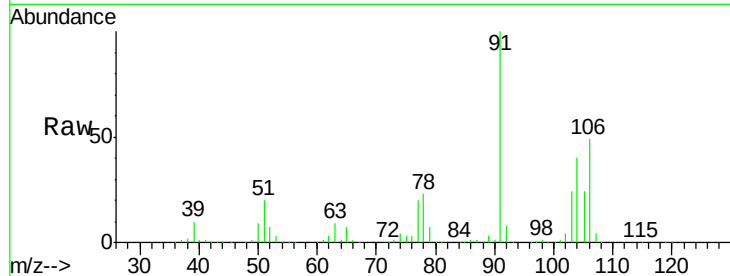




#69
o-Xylene
Concen: 55.56 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

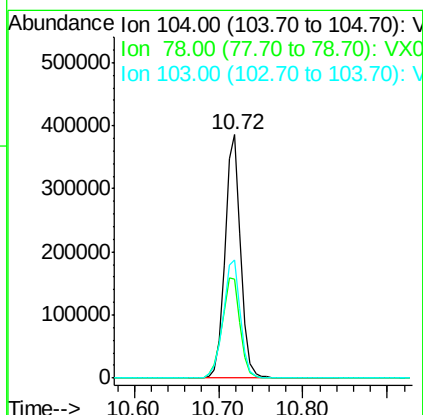
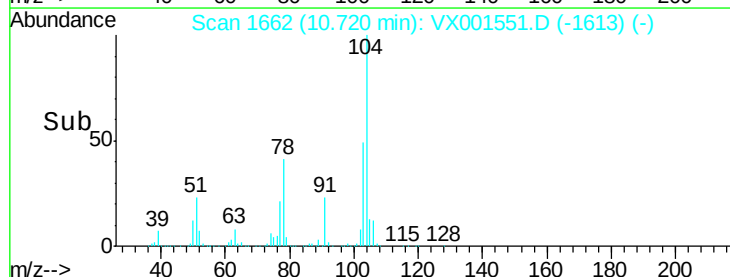
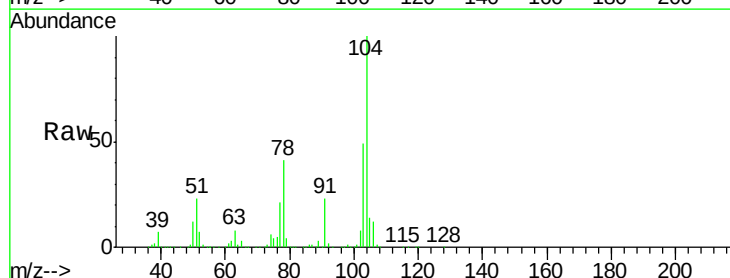
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

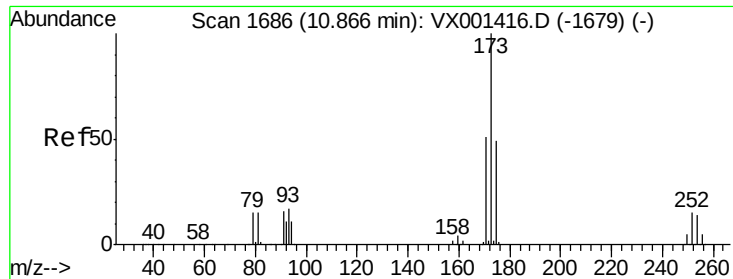
Tgt Ion:106 Resp: 296133
Ion Ratio Lower Upper
106 100
91 204.9 103.1 309.1



#70
Styrene
Concen: 56.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion:104 Resp: 493317
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.0 44.0 66.0





#71

Bromoform

Concen: 48.59 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

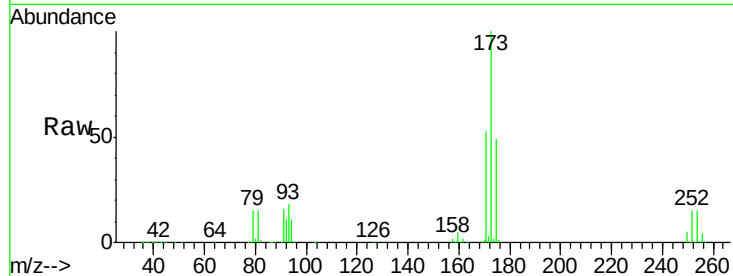
Tgt Ion:173 Resp: 141257

Ion Ratio Lower Upper

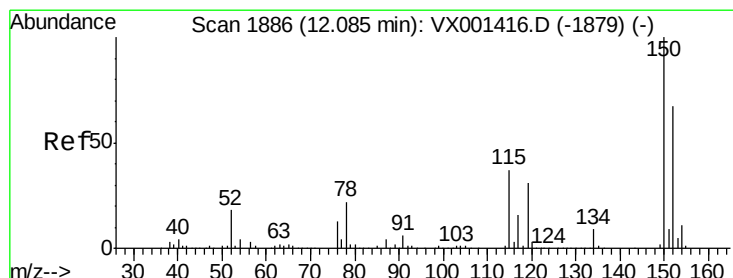
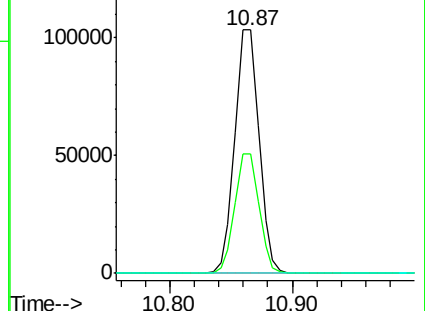
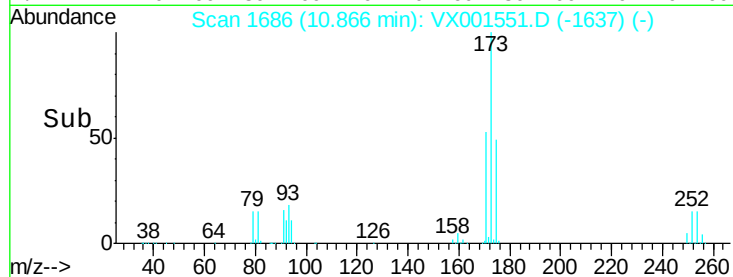
173 100

175 49.3 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

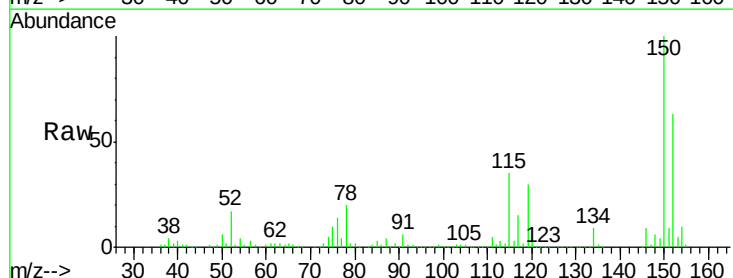
Tgt Ion:152 Resp: 210681

Ion Ratio Lower Upper

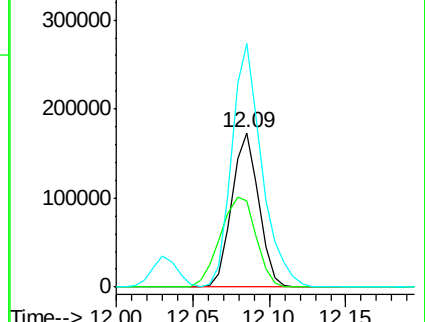
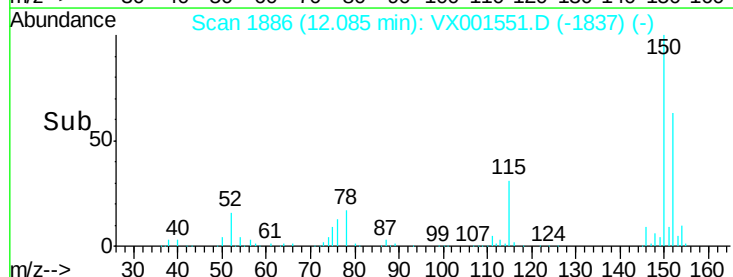
152 100

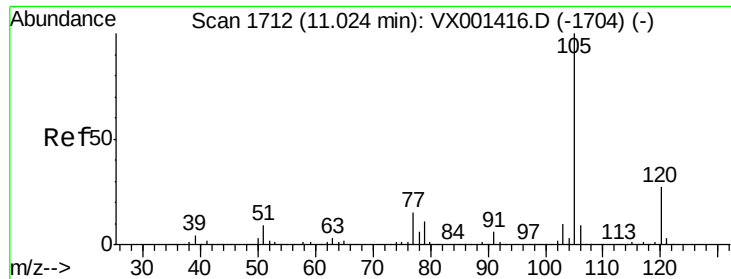
115 78.1 37.7 113.1

150 176.4 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

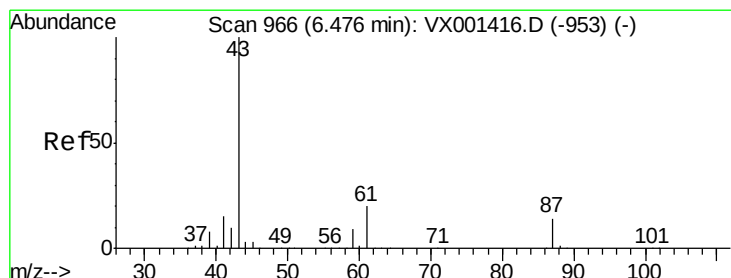
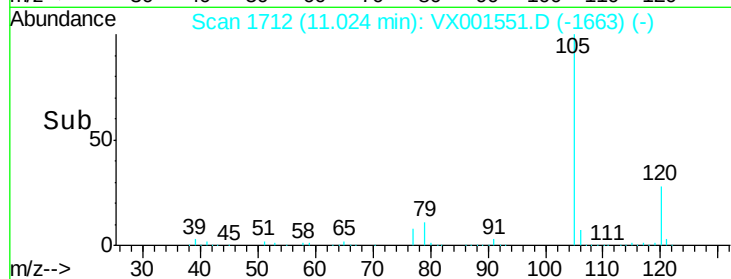
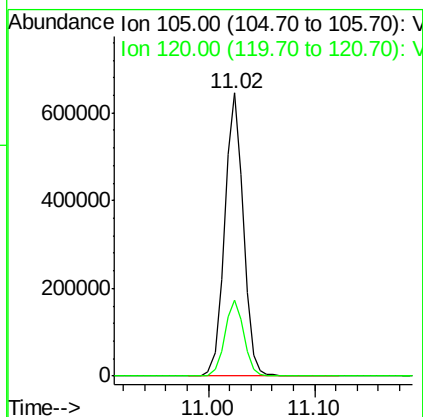
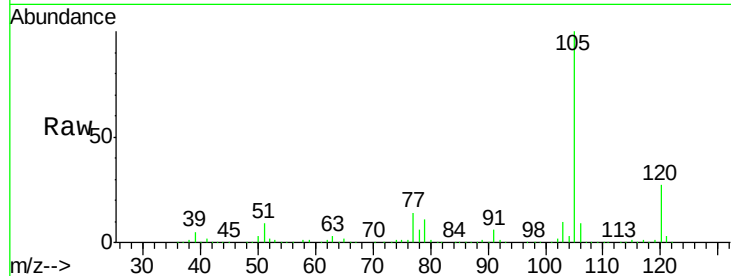




#73
Isopropylbenzene
Concen: 54.11 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

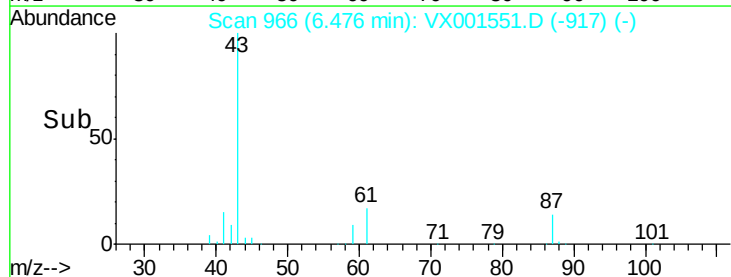
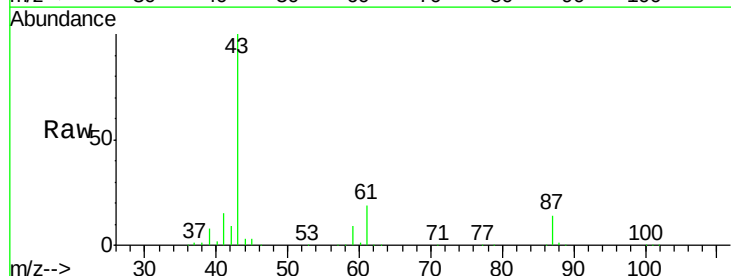
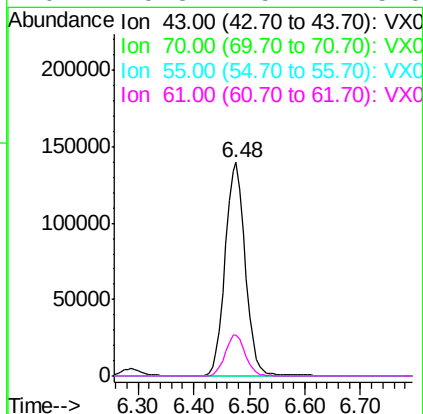
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

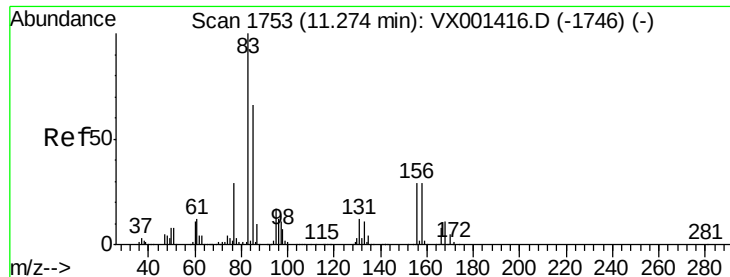
Tgt Ion: 105 Resp: 789256
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8



#74
N-ethyl acetate
Concen: 52.40 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 43 Resp: 347130
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.1 0.1#
61 19.3 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.96 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

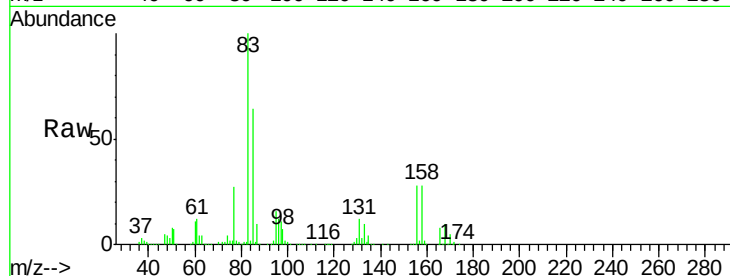
Tgt Ion: 83 Resp: 228120

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

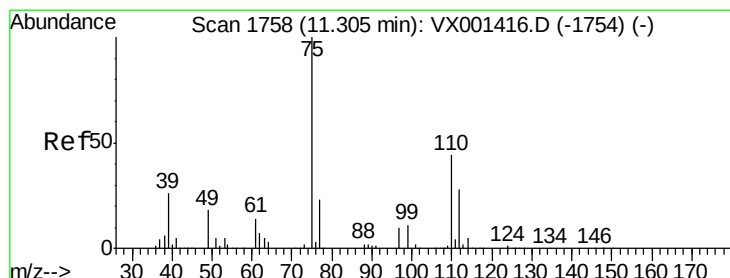
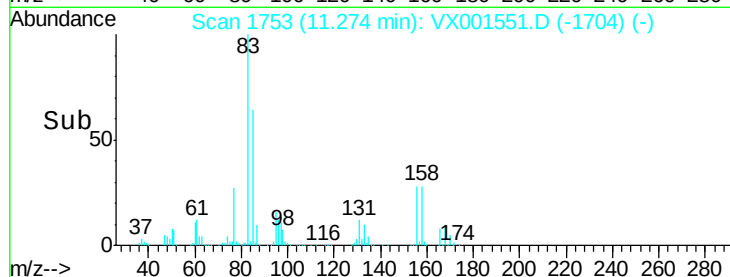
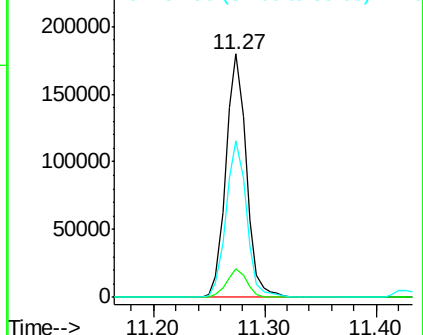
85 64.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.17 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001551.D

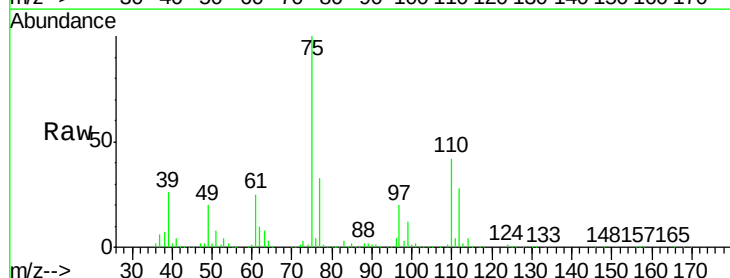
Acq: 09 May 2018 08:41

Tgt Ion: 75 Resp: 261362

Ion Ratio Lower Upper

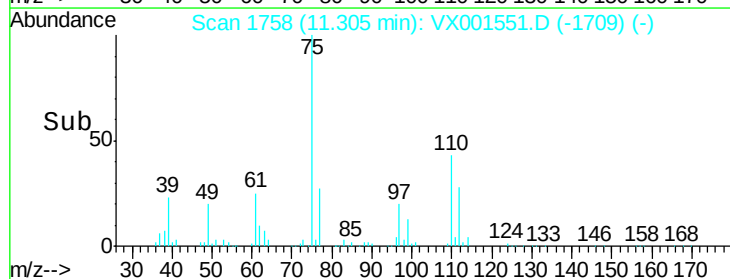
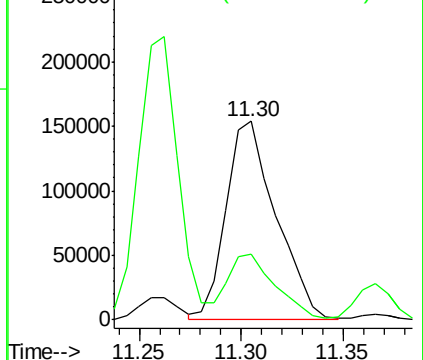
75 100

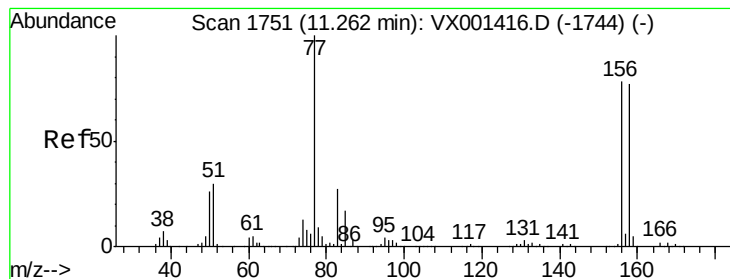
77 31.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.57 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

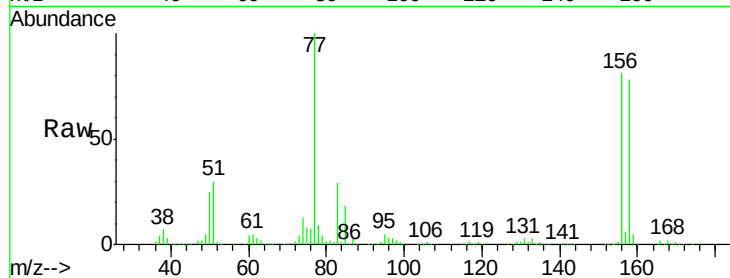
Tgt Ion:156 Resp: 222915

Ion Ratio Lower Upper

156 100

77 133.0 66.0 198.2

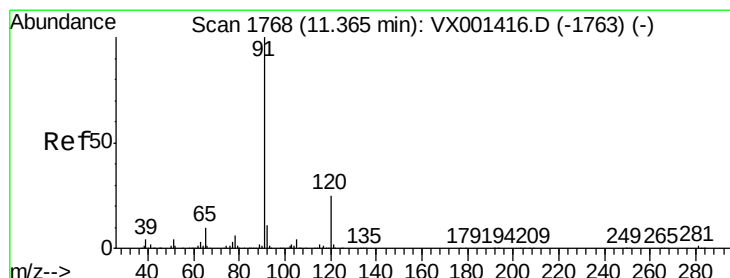
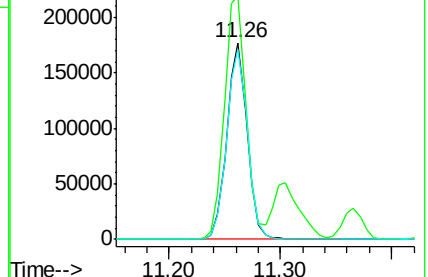
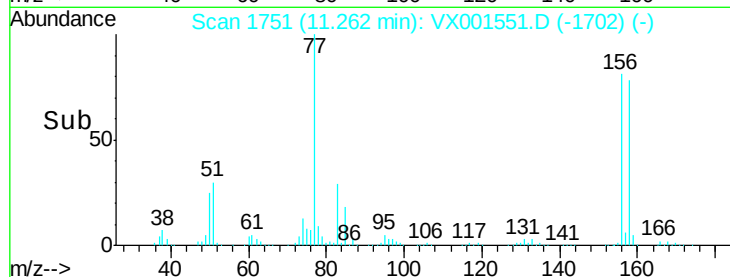
158 99.1 49.4 148.2



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: 55.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001551.D

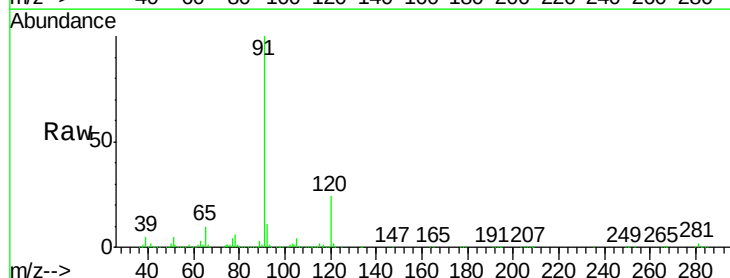
Acq: 09 May 2018 08:41

Tgt Ion: 91 Resp: 877167

Ion Ratio Lower Upper

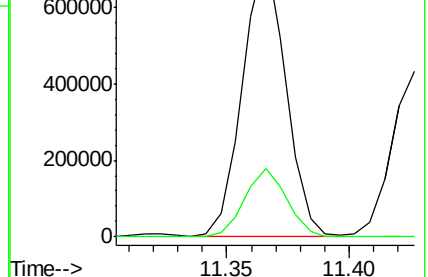
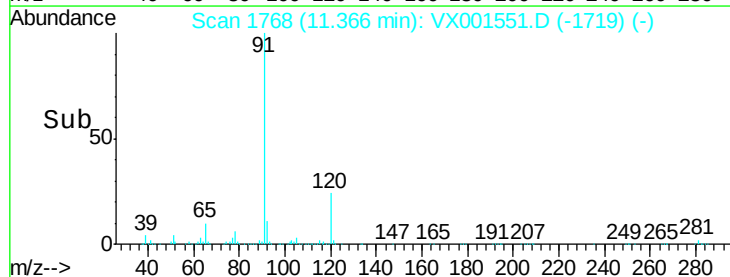
91 100

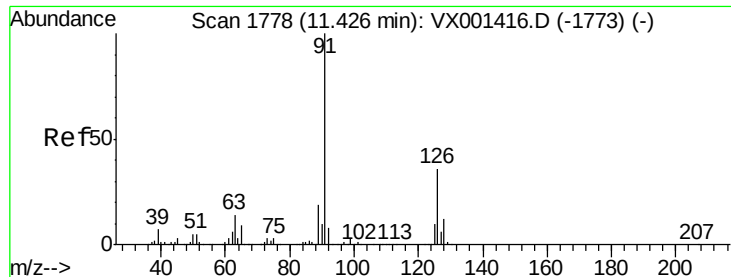
120 24.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.71 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

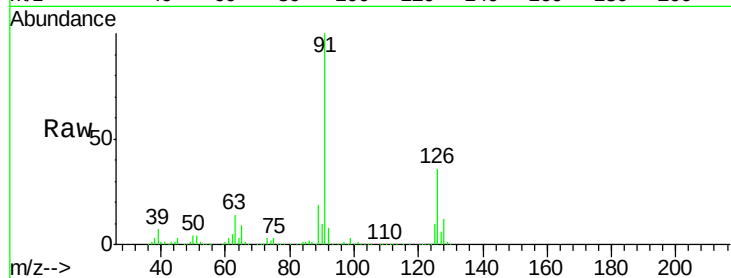
VSTDCCC050EC

Tgt Ion: 91 Resp: 524929

Ion Ratio Lower Upper

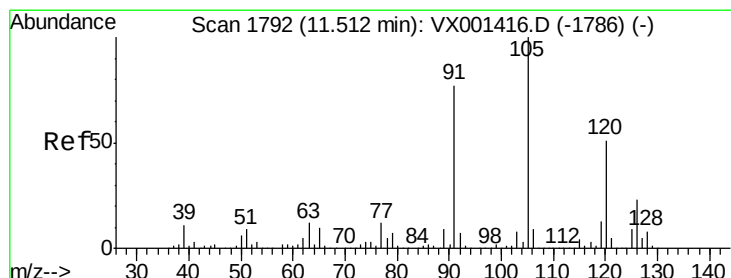
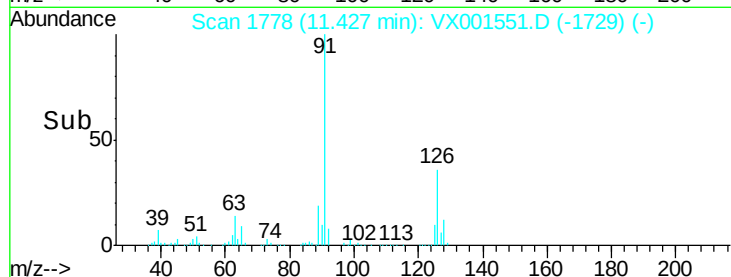
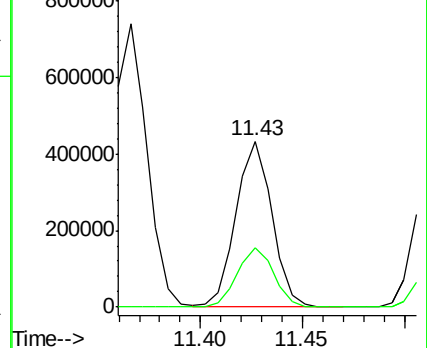
91 100

126 36.8 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: 54.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001551.D

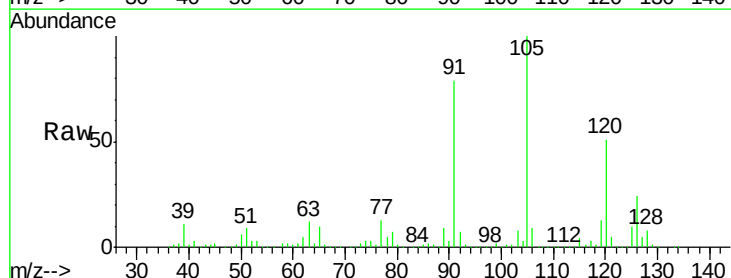
Acq: 09 May 2018 08:41

Tgt Ion: 105 Resp: 663221

Ion Ratio Lower Upper

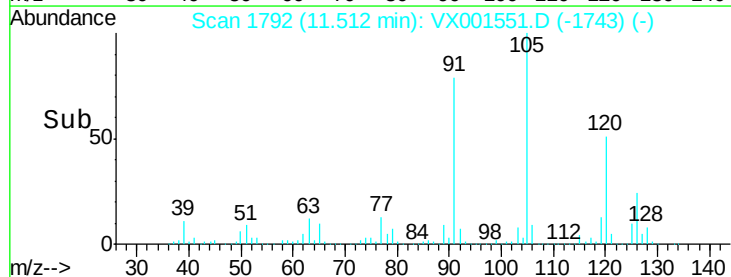
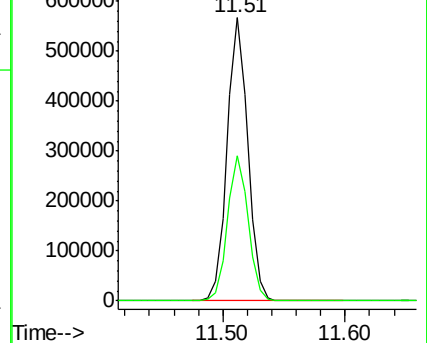
105 100

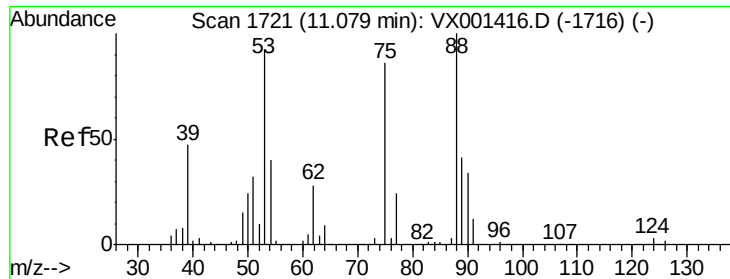
120 51.3 25.7 77.1



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: 39.98 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

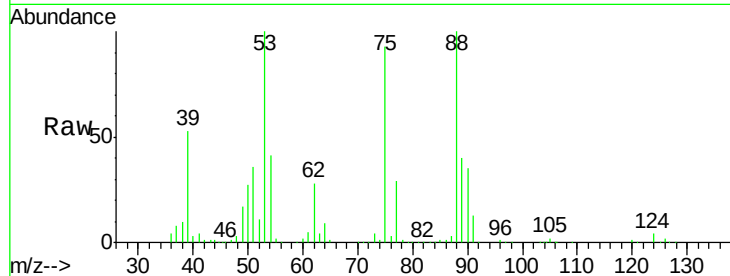
Tgt Ion: 75 Resp: 52324

Ion Ratio Lower Upper

75 100

53 107.1 84.5 126.7

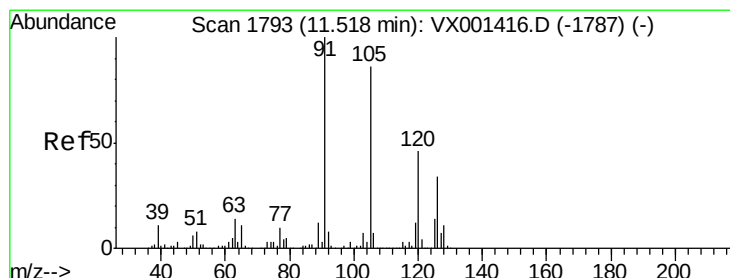
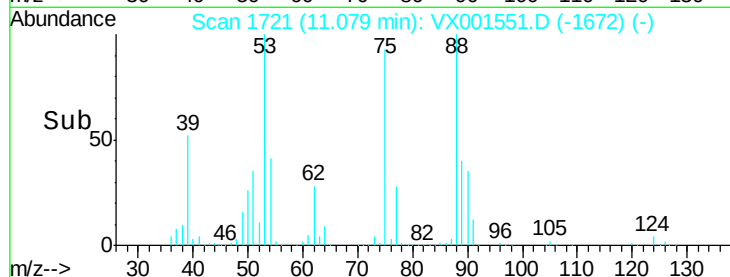
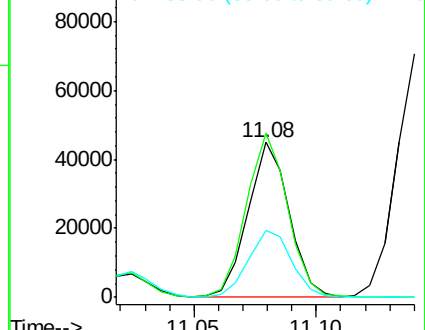
89 45.9 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.39 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001551.D

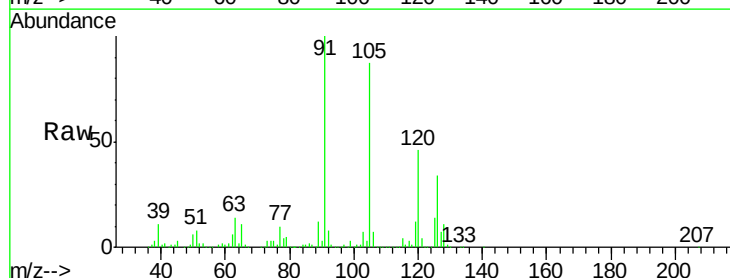
Acq: 09 May 2018 08:41

Tgt Ion: 91 Resp: 613286

Ion Ratio Lower Upper

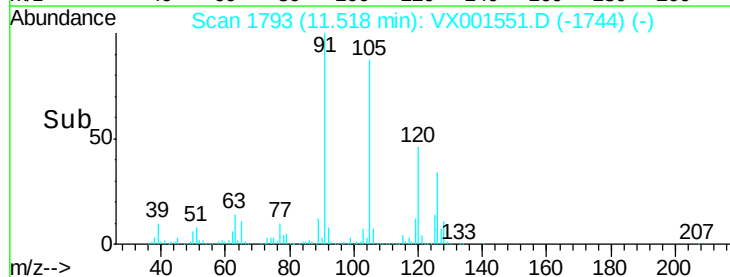
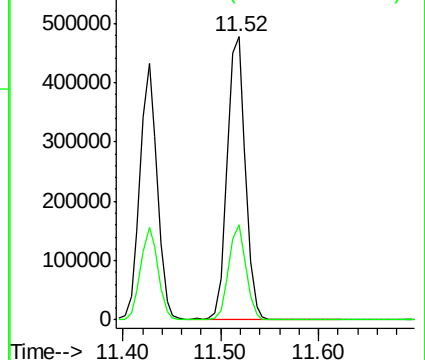
91 100

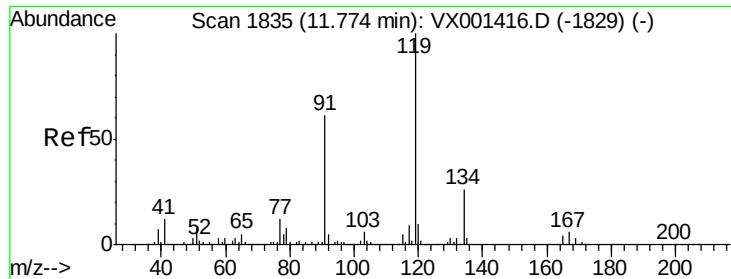
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

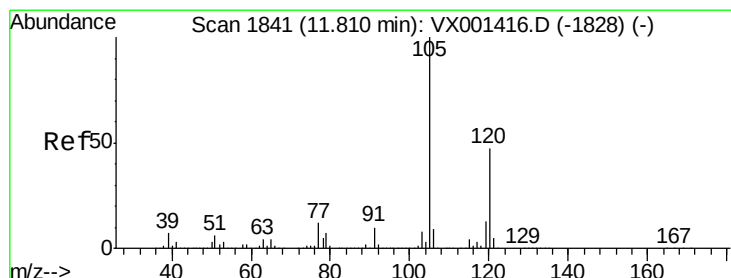
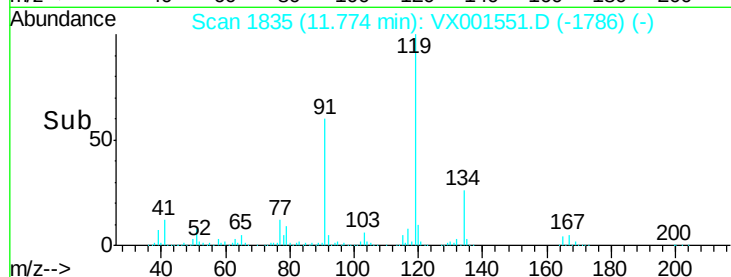
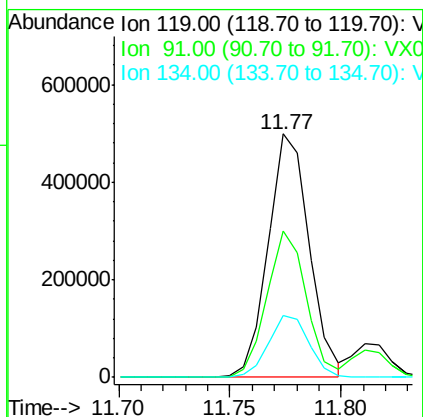
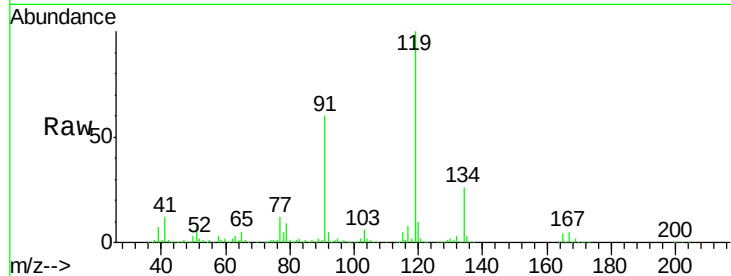




#83
 tert-Butylbenzene
 Concen: 52.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

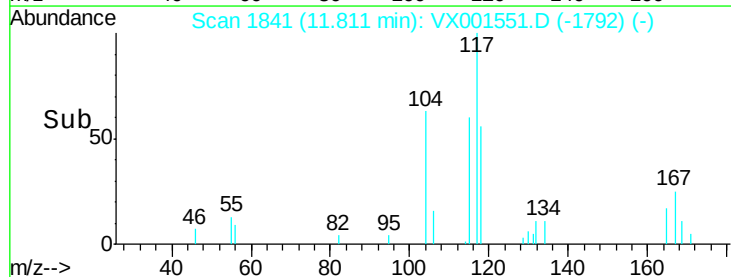
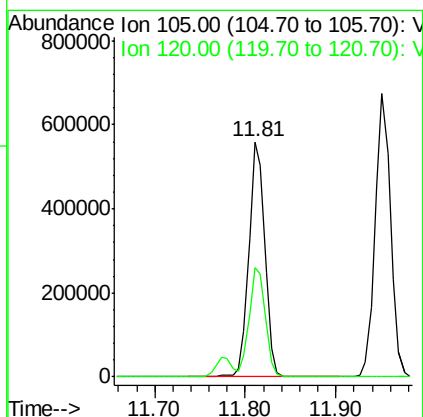
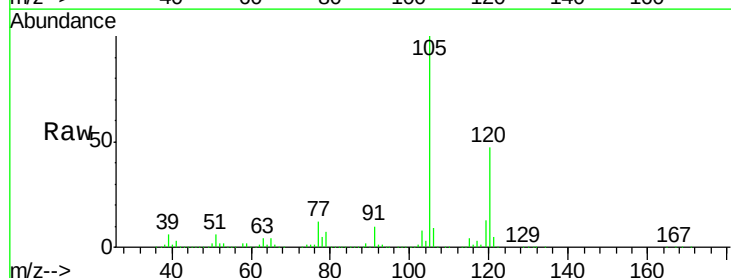
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

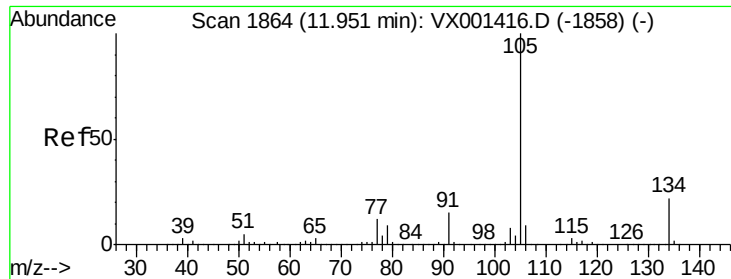
Tgt Ion:119 Resp: 638397
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.8 83.3
 134 25.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion:105 Resp: 684841
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.2





#85

sec-Butylbenzene

Concen: 54.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

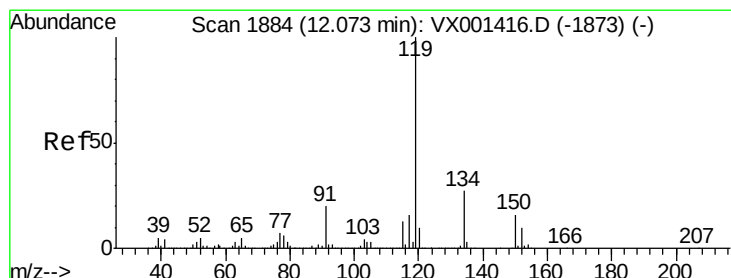
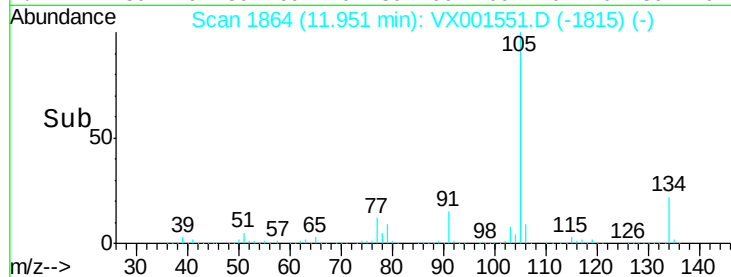
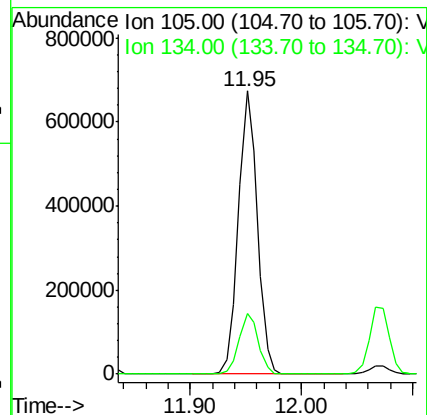
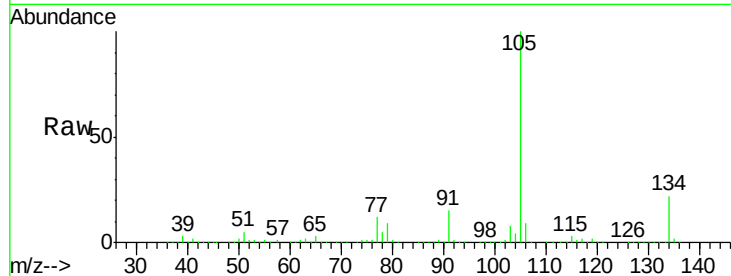
VSTDCCC050EC

Tgt Ion:105 Resp: 793699

Ion Ratio Lower Upper

105 100

134 21.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 55.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001551.D

Acq: 09 May 2018 08:41

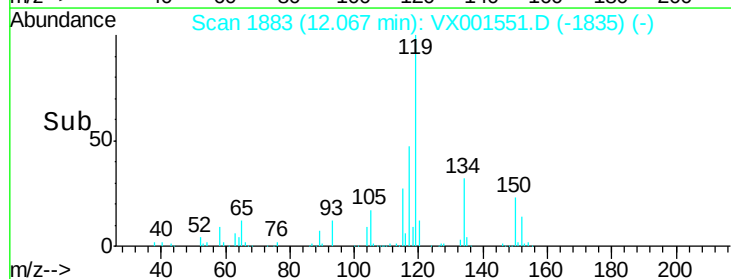
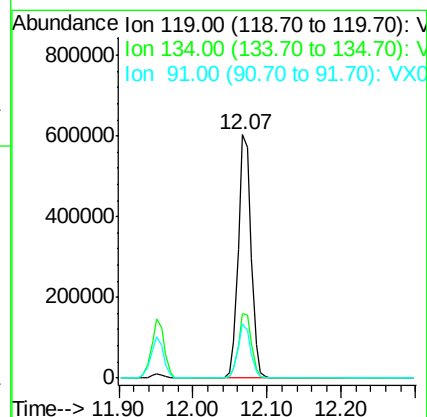
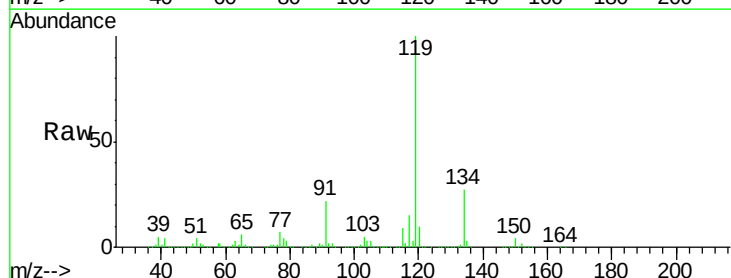
Tgt Ion:119 Resp: 732822

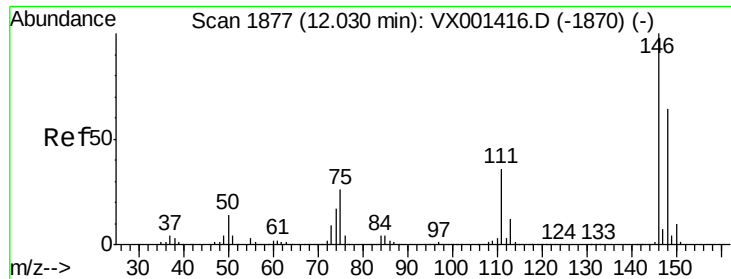
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.7 10.8 32.3

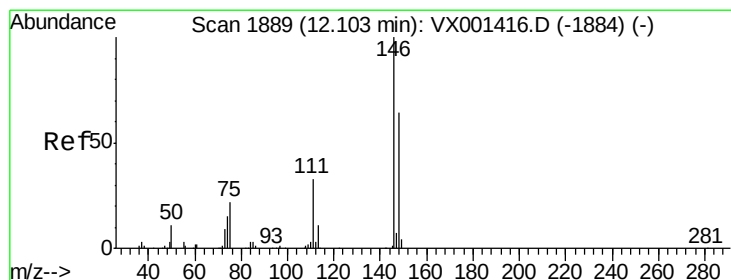
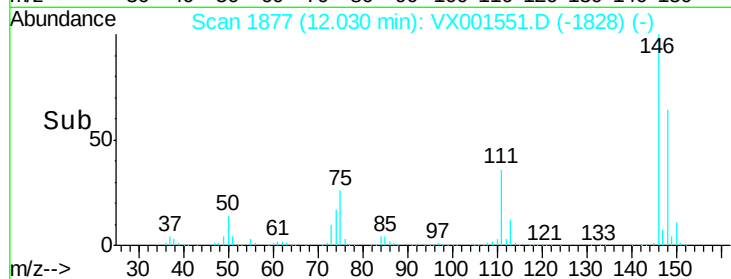
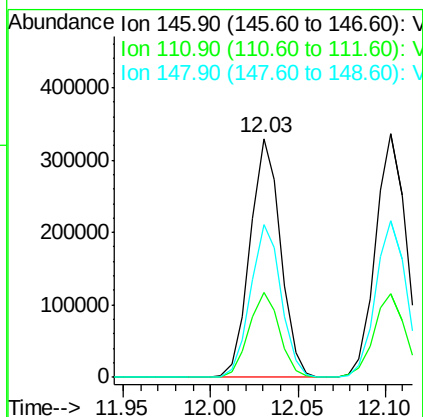
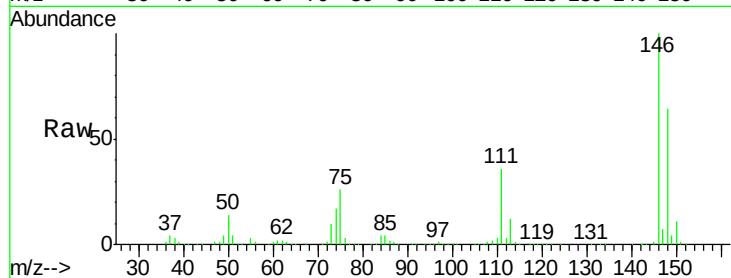




#87
 1,3-Dichlorobenzene
 Concen: 52.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

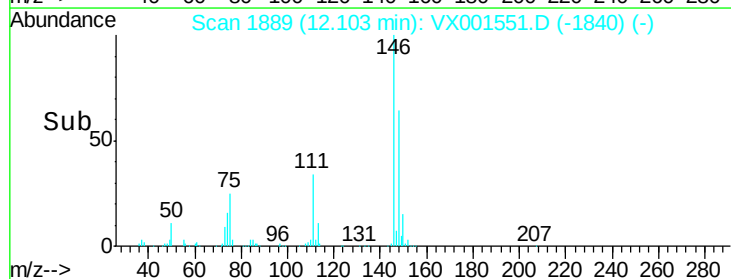
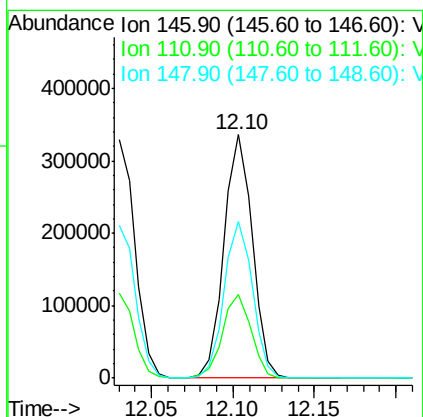
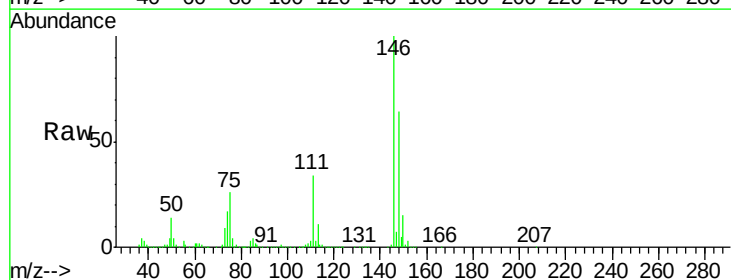
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

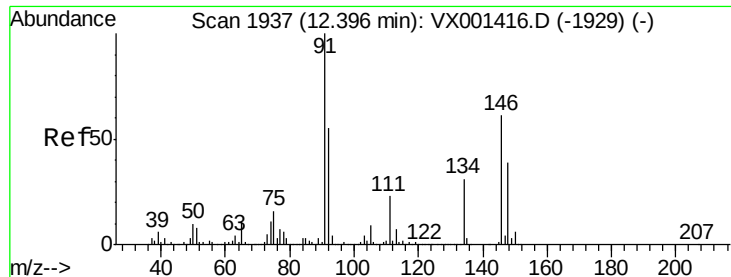
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	17.4	52.3
148	64.5	32.2	96.6

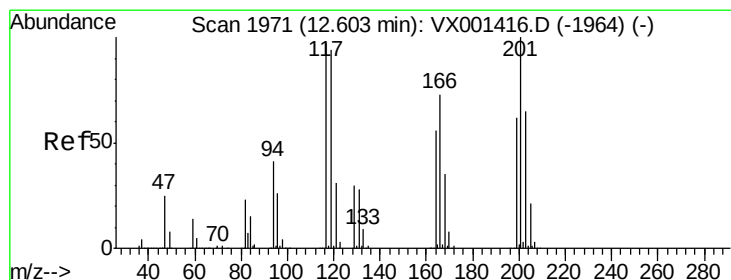
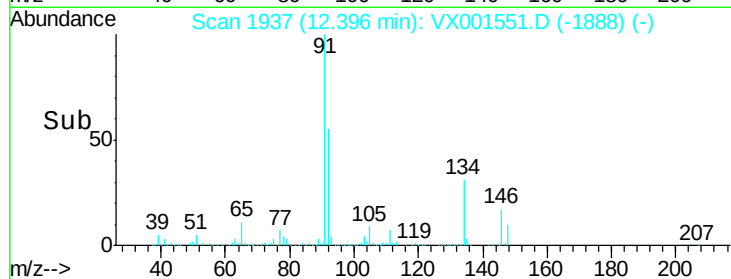
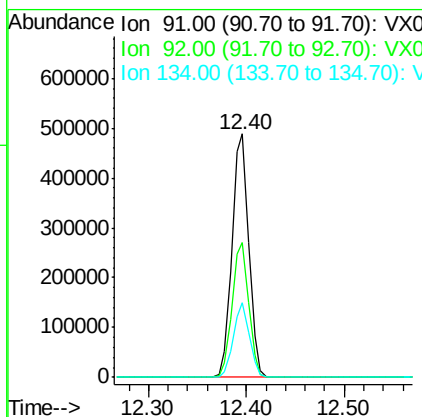
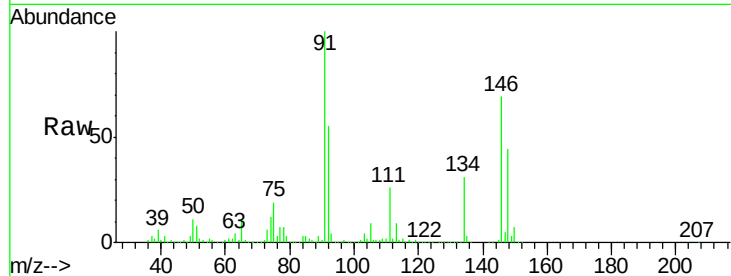




#89
n-Butylbenzene
Concen: 52.64 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

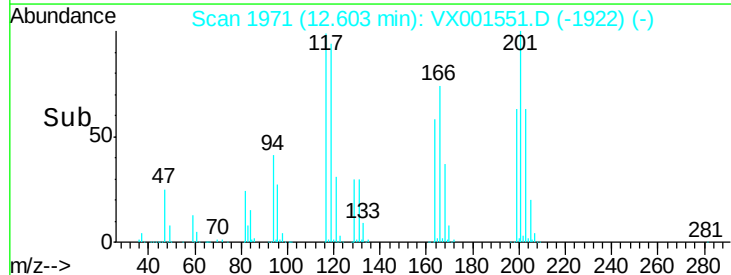
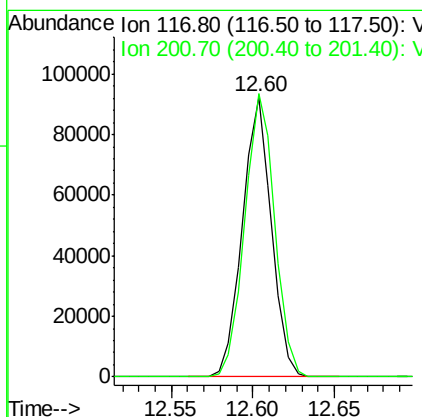
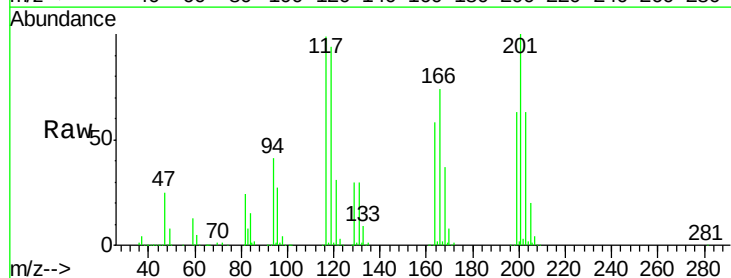
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

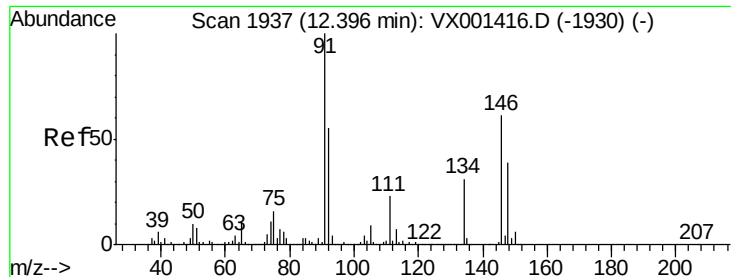
Tgt Ion: 91 Resp: 580286
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 29.3 14.6 44.0



#90
Hexachloroethane
Concen: 57.21 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion: 117 Resp: 114610
Ion Ratio Lower Upper
117 100
201 104.4 51.5 154.5

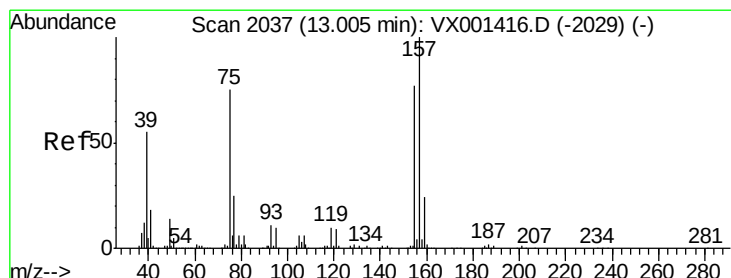
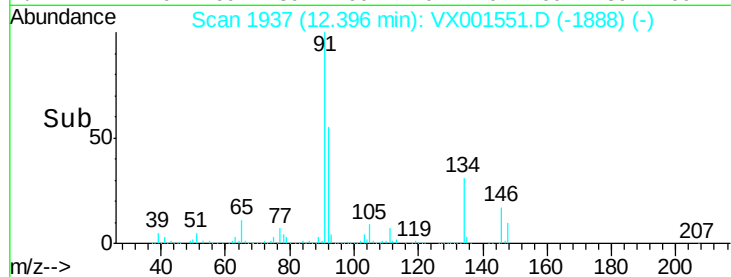
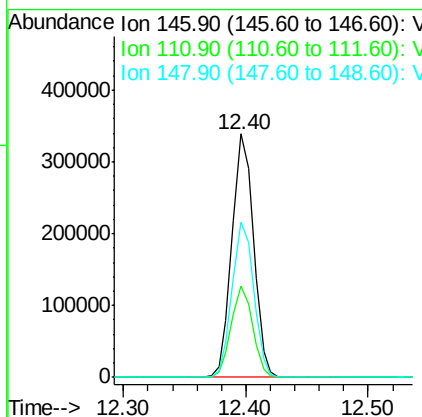
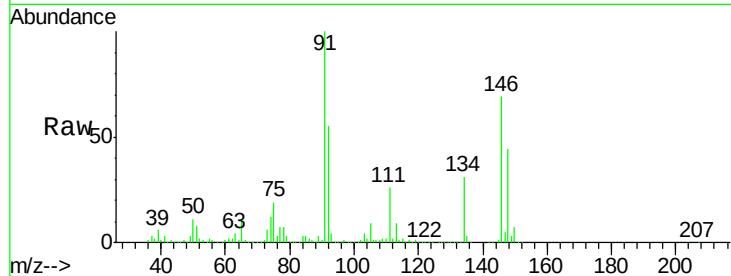




#91
 1,2-Dichlorobenzene
 Concen: 53.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

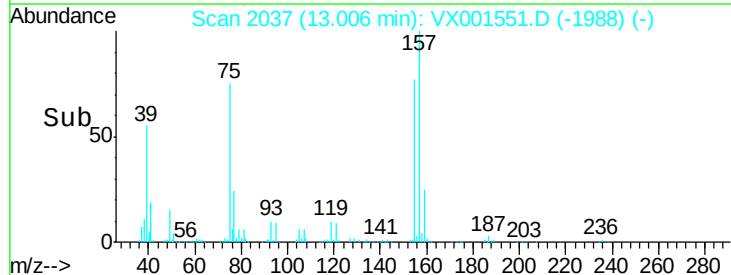
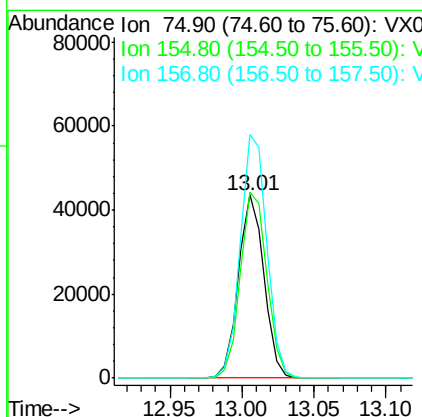
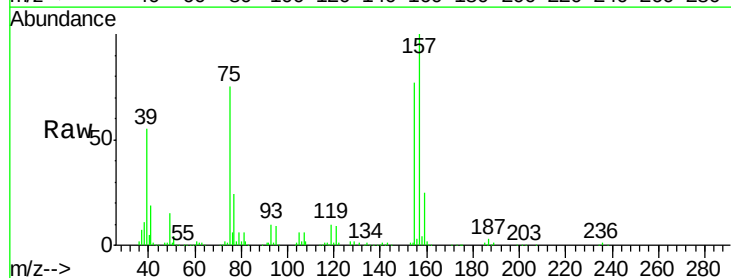
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

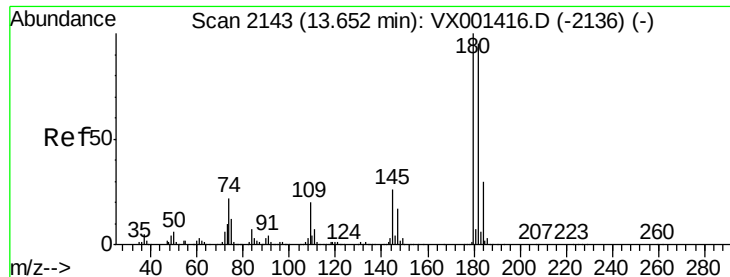
Tgt Ion:146 Resp: 412936
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion: 75 Resp: 53959
 Ion Ratio Lower Upper
 75 100
 155 104.9 53.4 160.2
 157 136.4 68.3 204.8

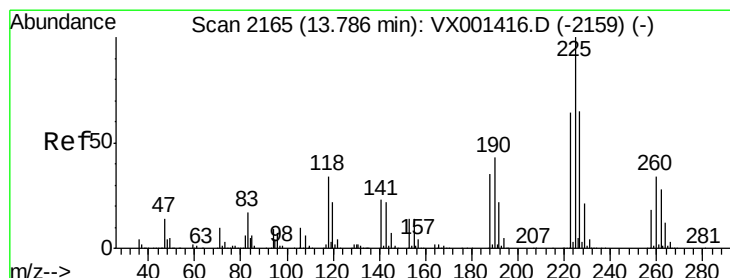
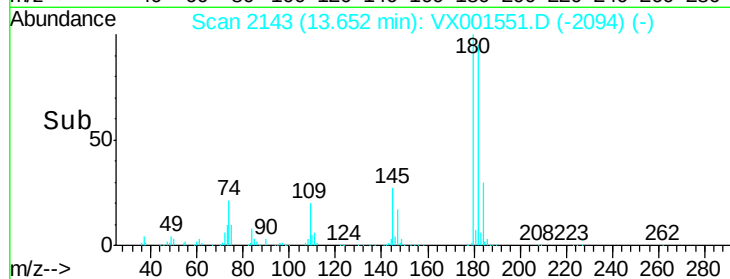
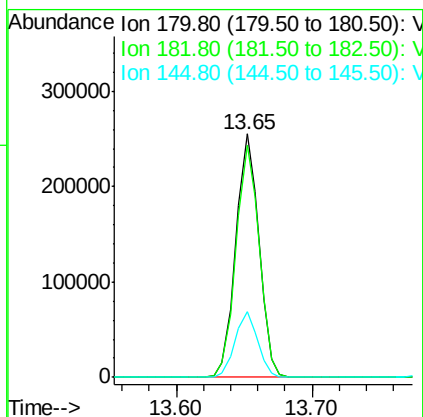
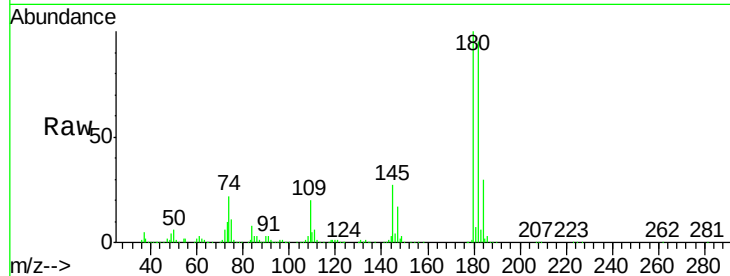




#93
 1,2,4-Trichlorobenzene
 Concen: 53.28 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

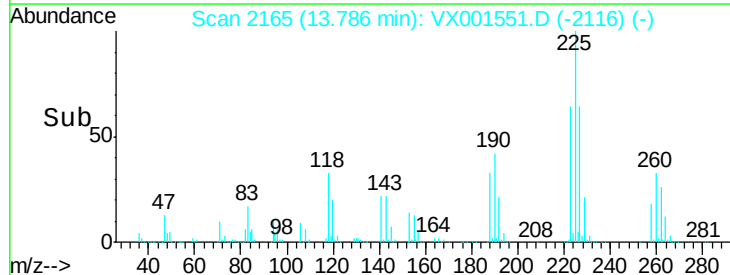
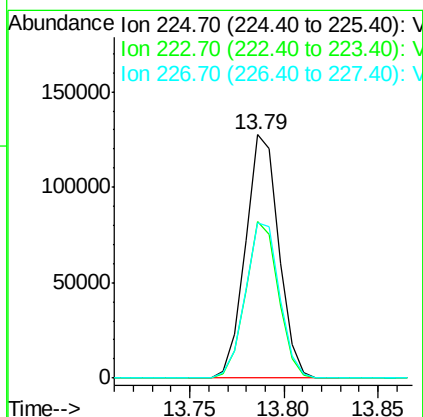
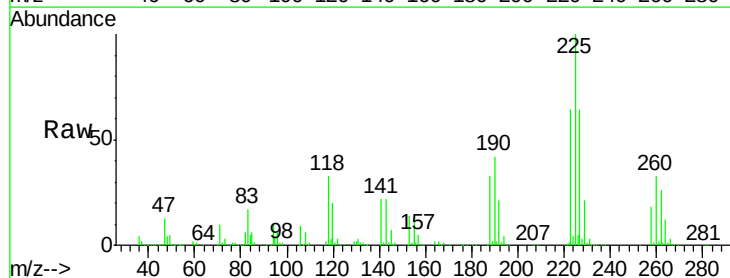
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

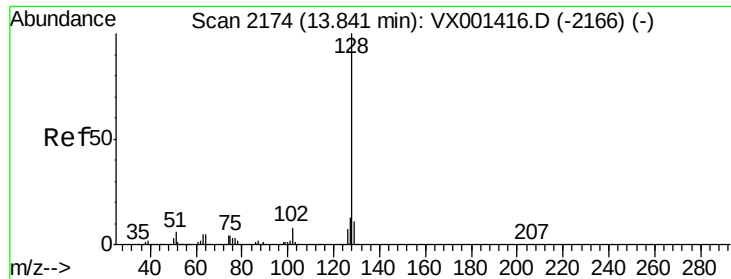
Tgt Ion:180 Resp: 300686
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 26.6 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 50.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001551.D
 Acq: 09 May 2018 08:41

Tgt Ion:225 Resp: 156275
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 64.9 32.4 97.2

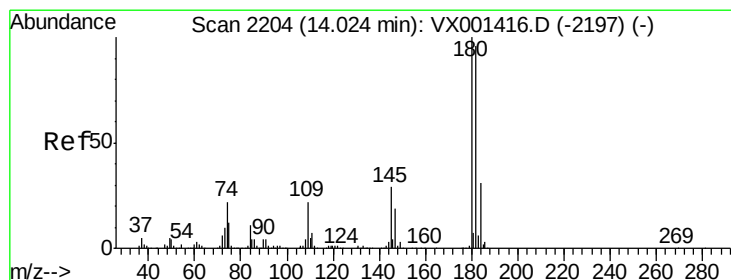
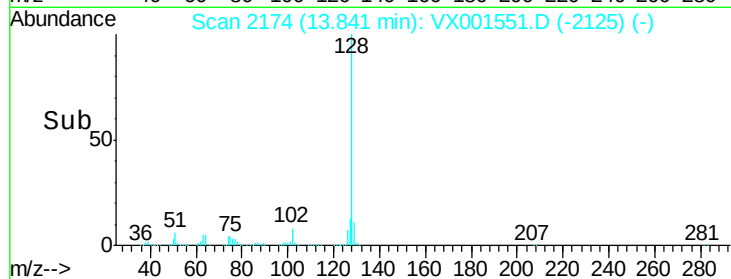
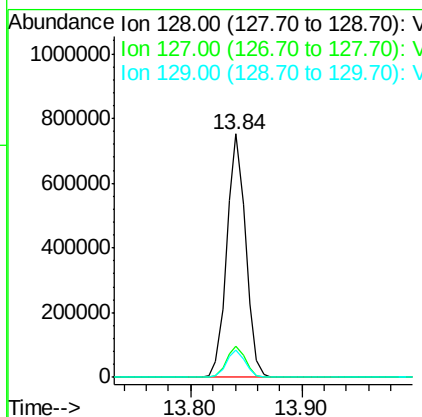
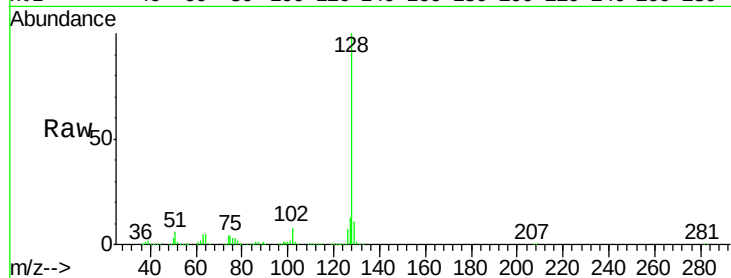




#95
Naphthalene
Concen: 56.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 877393
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.30 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001551.D
Acq: 09 May 2018 08:41

Tgt Ion:180 Resp: 314403
Ion Ratio Lower Upper
180 100
182 96.7 48.0 144.2
145 28.3 14.1 42.4

