

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007854.D
 Acq On : 06 Mar 2019 11:00
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 07 07:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156575	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	
35) Dibromofluoromethane	5.50	113	138726	50.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	521186	51.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.13	95	181374	51.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	125308	49.546	ug/l	100
3) Chloromethane	1.33	50	154078	47.274	ug/l	100
4) Vinyl Chloride	1.41	62	159552	49.268	ug/l	100
5) Bromomethane	1.64	94	74719	37.944	ug/l	100
6) Chloroethane	1.71	64	104133	48.403	ug/l	100
7) Trichlorofluoromethane	1.93	101	206026	48.863	ug/l	100
8) Diethyl Ether	2.19	74	88806	48.639	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126540	48.430	ug/l	100
10) Methyl Iodide	2.51	142	190708	51.449	ug/l	100
11) Tert butyl alcohol	3.08	59	166984	239.108	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122325	48.568	ug/l	100
13) Acrolein	2.30	56	95763	227.088	ug/l	100
14) Allyl chloride	2.73	41	259287	48.992	ug/l	100
15) Acrylonitrile	3.15	53	424620	240.887	ug/l	100
16) Acetone	2.45	43	461943	255.571	ug/l	100
17) Carbon Disulfide	2.57	76	384436	45.460	ug/l	100
18) Methyl Acetate	2.78	43	187271	48.769	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	428461	49.449	ug/l	100
20) Methylene Chloride	2.86	84	136041	47.292	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	130591	47.123	ug/l	100
22) Diisopropyl ether	3.87	45	478115	49.282	ug/l	100
23) Vinyl Acetate	3.82	43	2124054	249.668	ug/l	100
24) 1,1-Dichloroethane	3.70	63	256379	49.107	ug/l	100
25) 2-Butanone	4.70	43	639803	250.027	ug/l	100
26) 2,2-Dichloropropane	4.59	77	173025	50.023	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153572	48.427	ug/l	100
28) Bromochloromethane	5.02	49	122243	50.223	ug/l	100
29) Tetrahydrofuran	5.15	42	396039	248.117	ug/l	100
30) Chloroform	5.21	83	243480	49.301	ug/l	100
31) Cyclohexane	5.57	56	239844	49.985	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	204144	49.820	ug/l	100
36) 1,1-Dichloropropene	5.80	75	188804	48.633	ug/l	100
37) Ethyl Acetate	4.85	43	226927	49.256	ug/l	100
38) Carbon Tetrachloride	5.78	117	186454	50.589	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238041	50.601	ug/l	100
40) Benzene	6.14	78	573925	49.657	ug/l	100
41) Methacrylonitrile	5.06	41	125258	49.868	ug/l	100
42) 1,2-Dichloroethane	6.20	62	186521	49.347	ug/l	100
43) Isopropyl Acetate	6.46	43	346063	50.755	ug/l	100
44) Trichloroethene	7.21	130	154957	48.651	ug/l	100
45) 1,2-Dichloropropane	7.52	63	153341	50.233	ug/l	100
46) Dibromomethane	7.66	93	95343	49.353	ug/l	100
47) Bromodichloromethane	7.90	83	186909	51.031	ug/l	100
48) Methyl methacrylate	7.77	41	181813	50.718	ug/l	100
49) 1,4-Dioxane	7.75	88	72660	986.703	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1101784	251.270	ug/l	100
52) Toluene	8.79	92	354950	50.303	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203273	53.172	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	227835	52.776	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	144269	50.506	ug/l	100
56) Ethyl methacrylate	9.18	69	222824	51.955	ug/l	100
57) 1,3-Dichloropropane	9.37	76	241323	50.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	575877	259.579	ug/l	100
59) 2-Hexanone	9.49	43	847363	248.909	ug/l	100
60) Dibromochloromethane	9.59	129	156542	52.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	151577	49.980	ug/l	100
64) Tetrachloroethene	9.34	164	147056	47.487	ug/l	100
65) Chlorobenzene	10.14	112	383951	49.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	142902	50.988	ug/l	100
67) Ethyl Benzene	10.25	91	657469	51.076	ug/l	100
68) m/p-Xylenes	10.36	106	506822	102.148	ug/l	100
69) o-Xylene	10.70	106	244481	51.038	ug/l	100
70) Styrene	10.71	104	403646	51.495	ug/l	100
71) Bromoform	10.85	173	124419	51.694	ug/l	100
73) Isopropylbenzene	11.02	105	655589	51.633	ug/l	100
74) N-amyl acetate	10.90	43	297967	51.404	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	211270	48.238	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	250852	63.150	ug/l	89
77) Bromobenzene	11.26	156	171740	49.334	ug/l	100
78) n-propylbenzene	11.36	91	731682	51.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	430770	50.016	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	538136	51.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65747	53.346	ug/l	100
82) 4-Chlorotoluene	11.51	91	498824	50.540	ug/l	100
83) tert-Butylbenzene	11.77	119	547859	52.045	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	553074	51.626	ug/l	100
85) sec-Butylbenzene	11.94	105	643791	51.927	ug/l	100
86) p-Isopropyltoluene	12.06	119	581616	52.383	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	304755	49.484	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	303062	48.014	ug/l	100
89) n-Butylbenzene	12.38	91	495778	52.704	ug/l	100
90) Hexachloroethane	12.60	117	97202	52.360	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	301226	49.235	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46367	50.656	ug/l	100

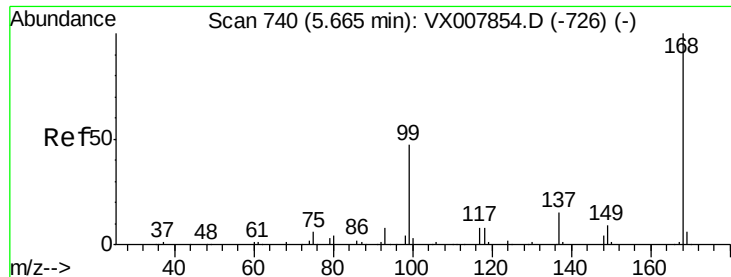
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216434	50.357	ug/l	100
94) Hexachlorobutadiene	13.78	225	112998	50.287	ug/l	100
95) Naphthalene	13.83	128	646725	52.223	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	216499	50.566	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

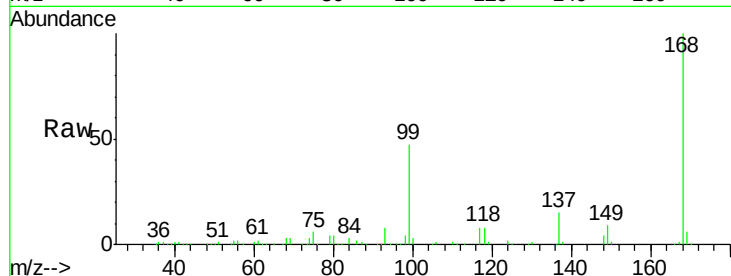
VSTDICCC050

Tgt Ion:168 Resp: 296026

Ion Ratio Lower Upper

168 100

99 47.0 37.6 56.4

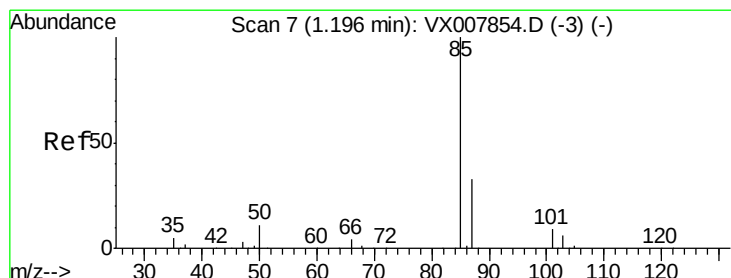
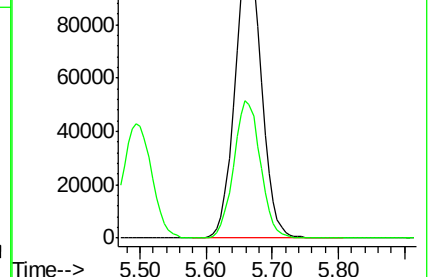
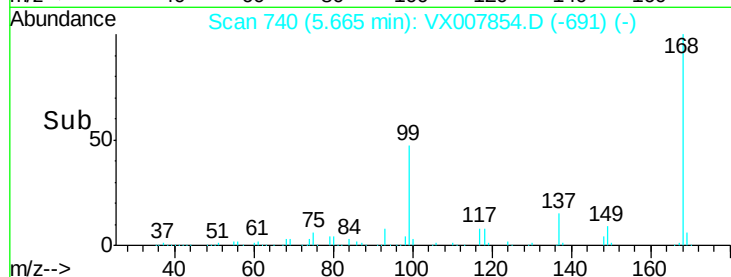


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 49.546 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007854.D

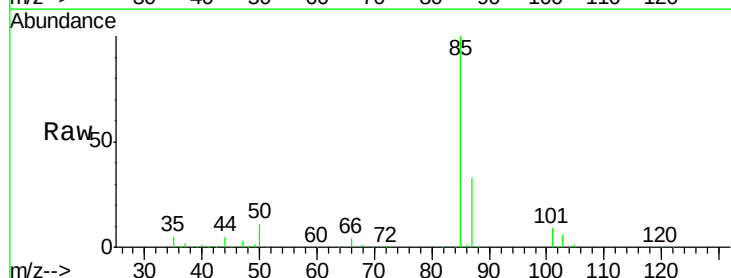
Acq: 06 Mar 2019 11:00

Tgt Ion: 85 Resp: 125308

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1

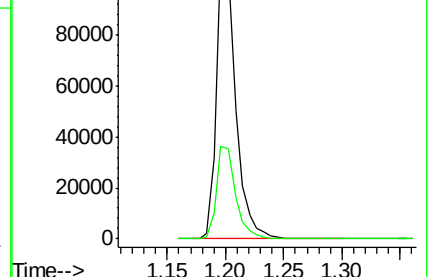
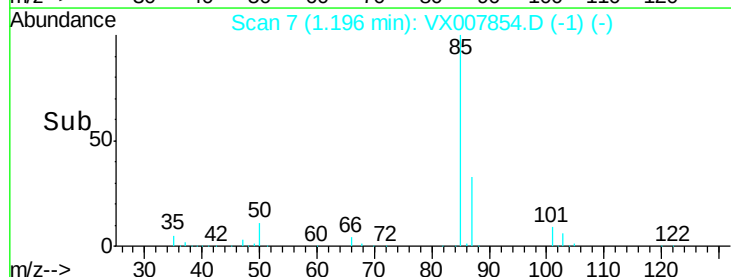


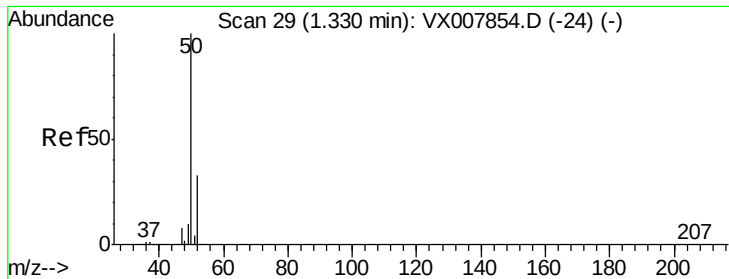
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 47.274 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

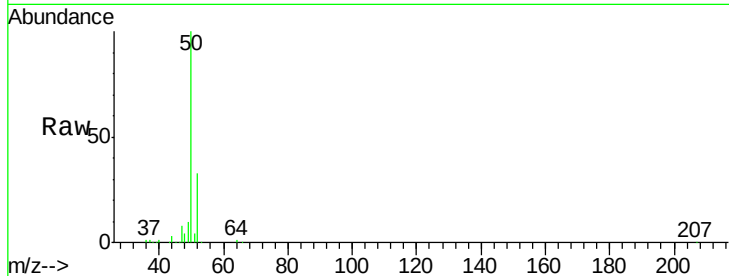
VSTDICCC050

Tgt Ion: 50 Resp: 154078

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

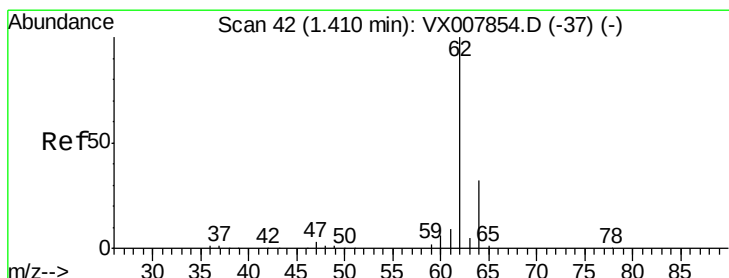
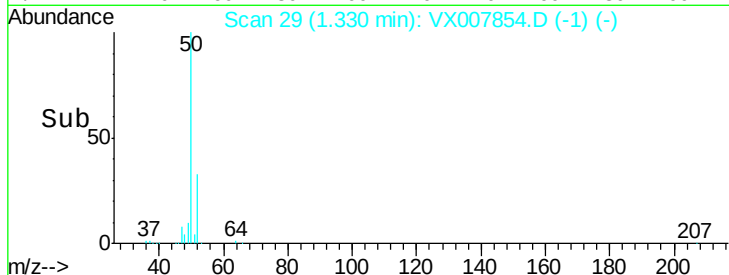
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.268 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007854.D

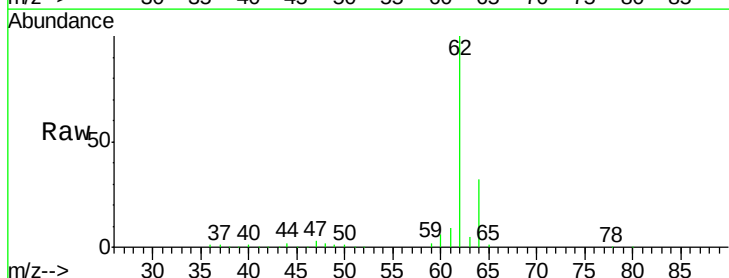
Acq: 06 Mar 2019 11:00

Tgt Ion: 62 Resp: 159552

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

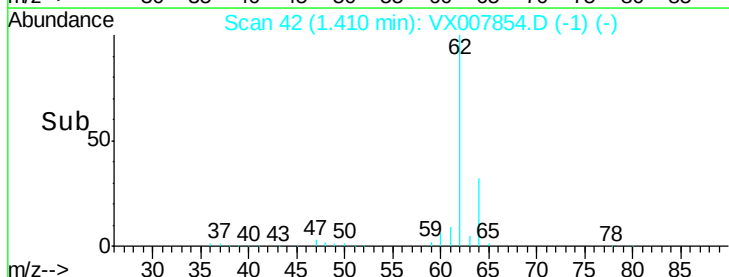
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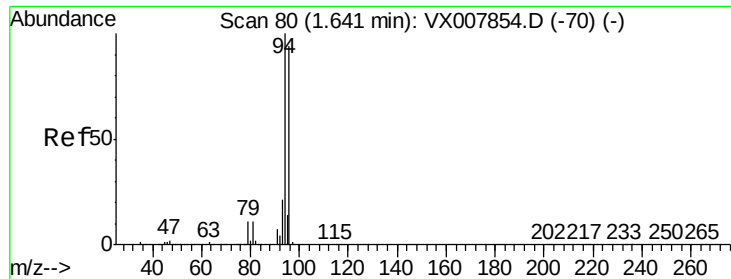
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50000

0

Time-->





#5

Bromomethane

Concen: 37.944 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

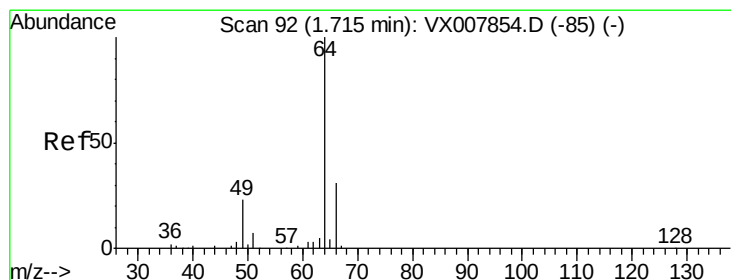
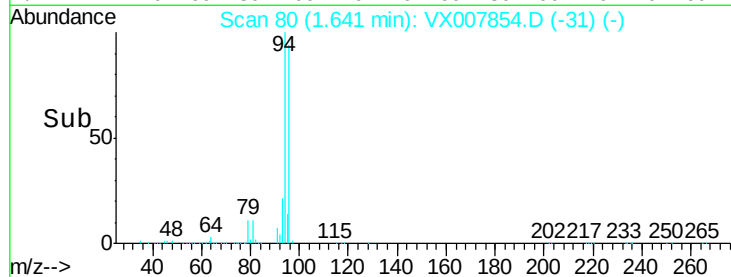
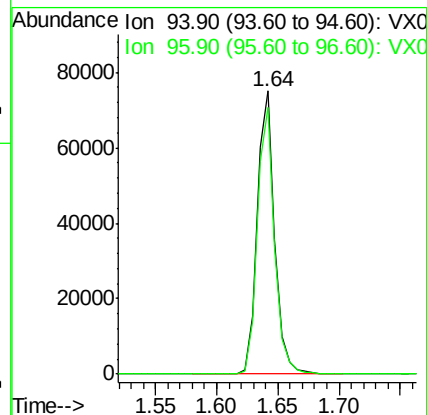
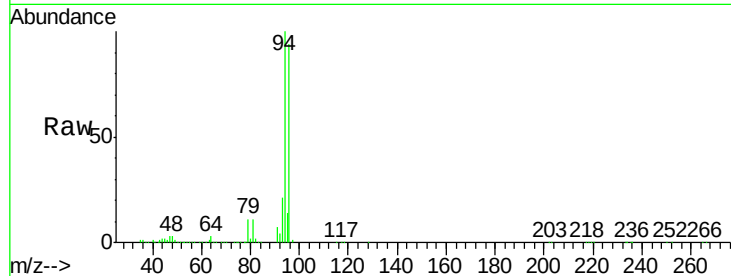
VSTDICCC050

Tgt Ion: 94 Resp: 74719

Ion Ratio Lower Upper

94 100

96 94.4 75.5 113.3



#6

Chloroethane

Concen: 48.403 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007854.D

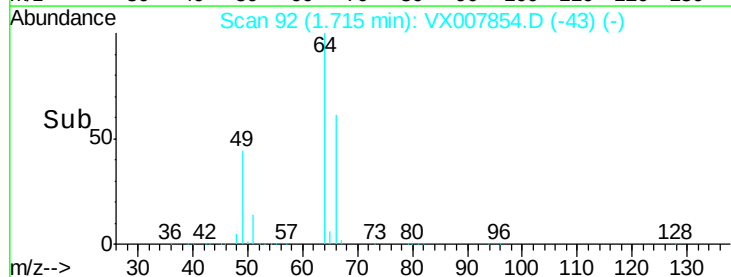
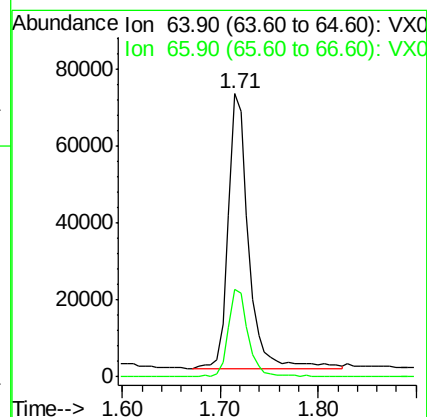
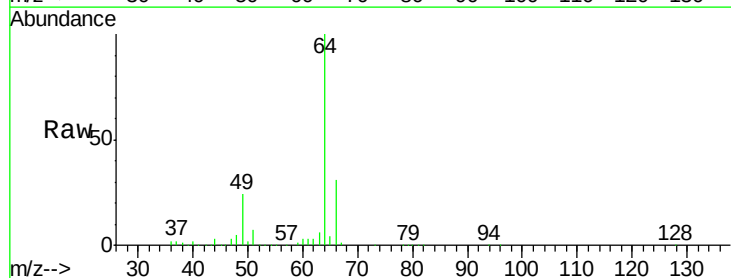
Acq: 06 Mar 2019 11:00

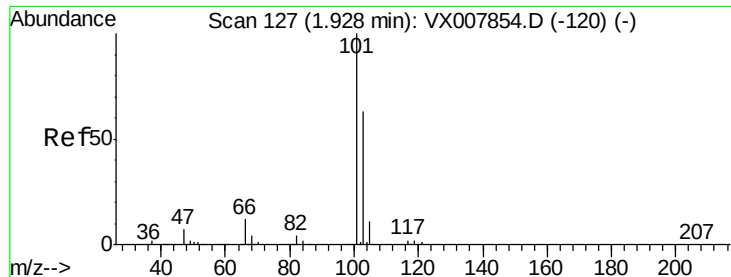
Tgt Ion: 64 Resp: 104133

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



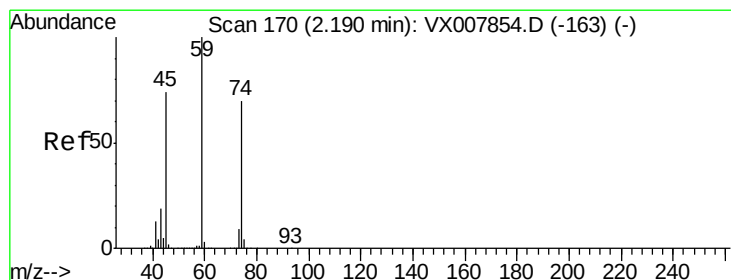
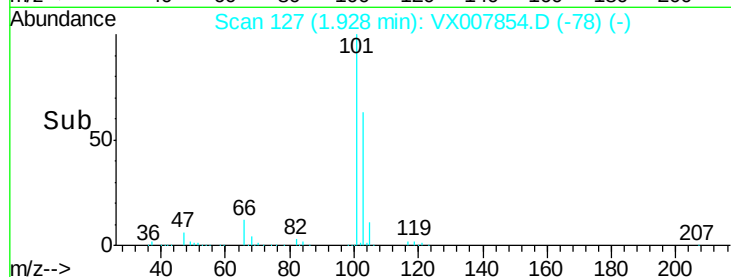
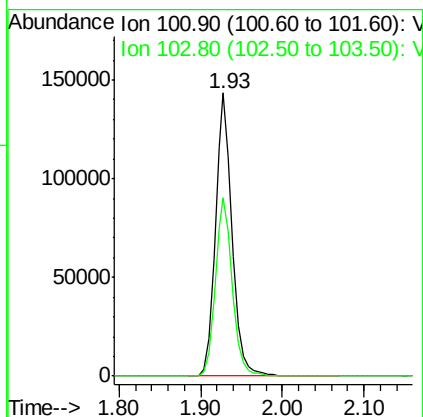
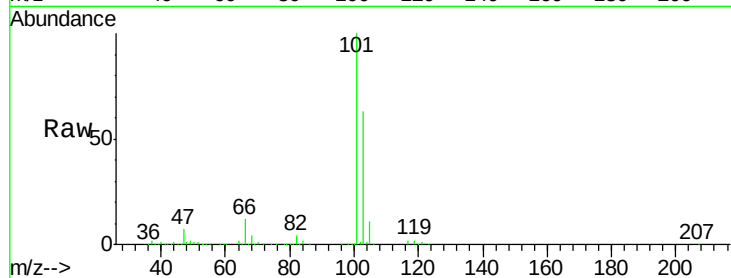


#7

Trichlorofluoromethane
 Concen: 48.863 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

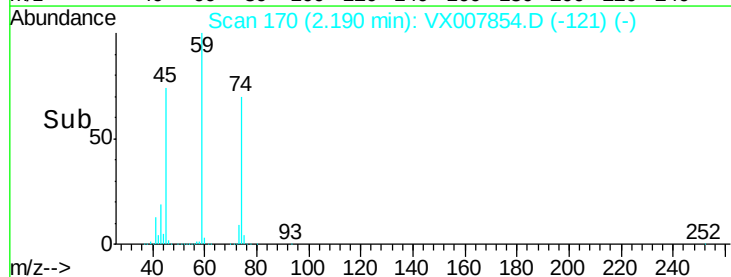
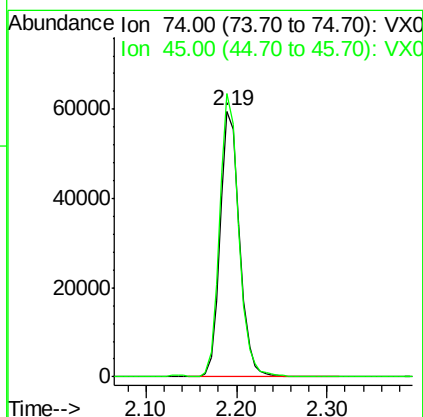
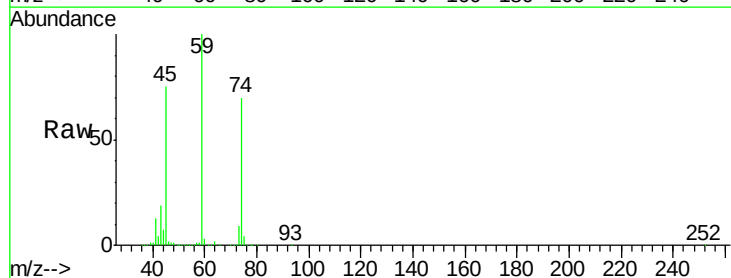
Tgt Ion:101 Resp: 206026
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.4 75.6

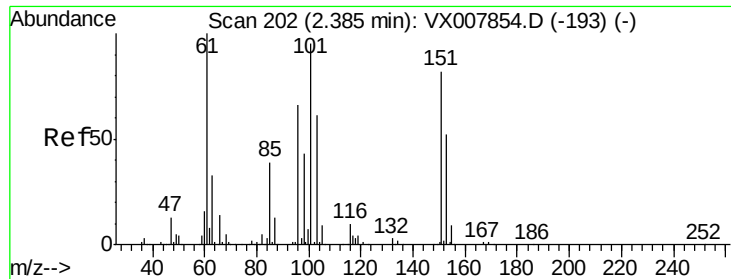


#8

Diethyl Ether
 Concen: 48.639 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 74 Resp: 88806
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.1 156.4

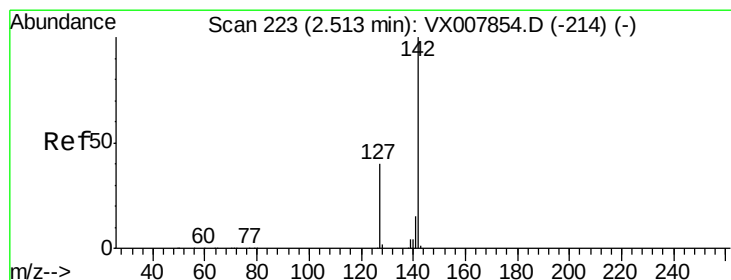
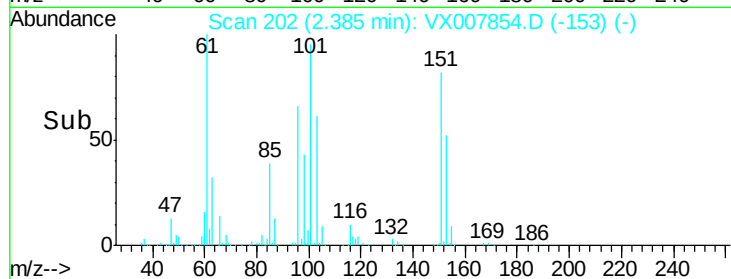
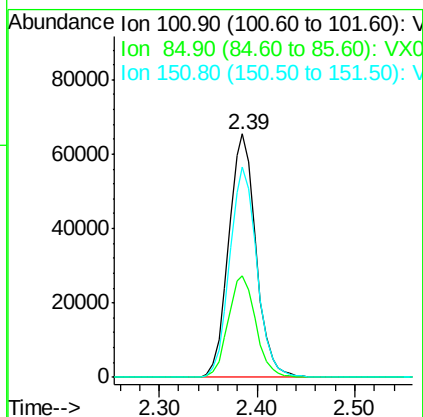
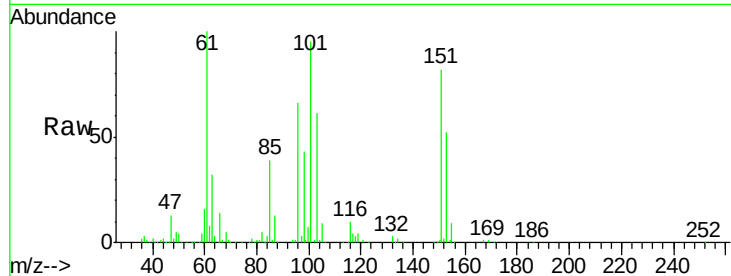




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.430 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

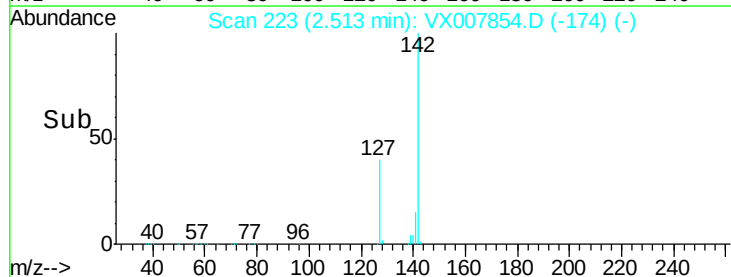
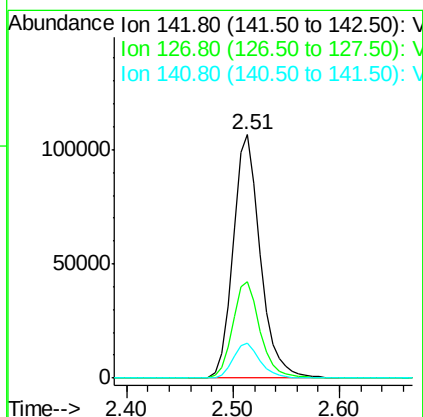
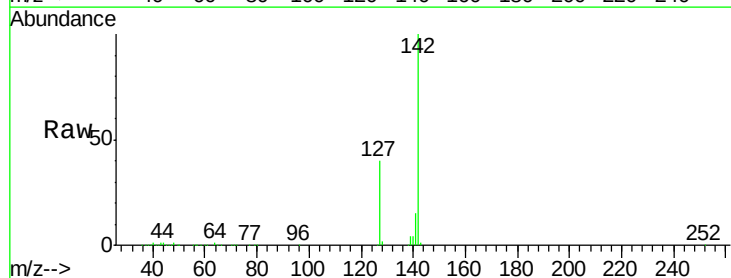
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

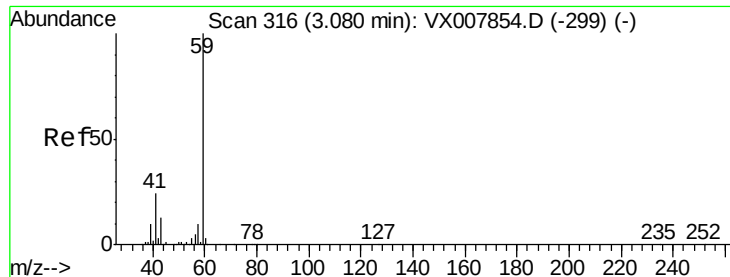
Tgt Ion:101 Resp: 126540
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.8 50.6
 151 86.4 69.1 103.7



#10
 Methyl Iodide
 Concen: 51.449 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion:142 Resp: 190708
 Ion Ratio Lower Upper
 142 100
 127 40.1 32.1 48.1
 141 14.3 11.4 17.2

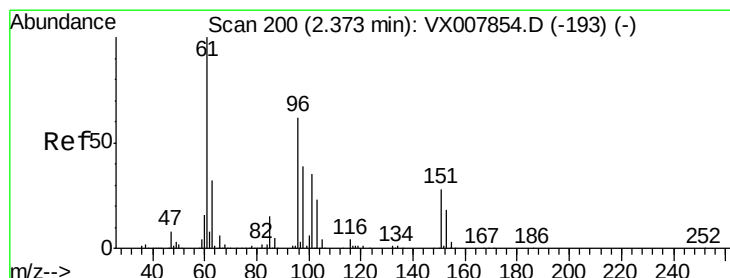
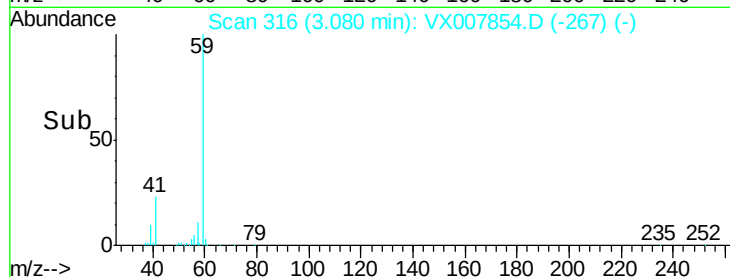
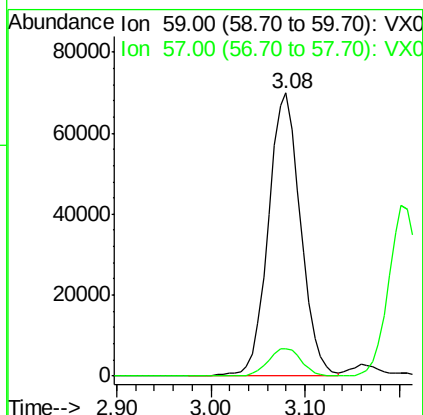
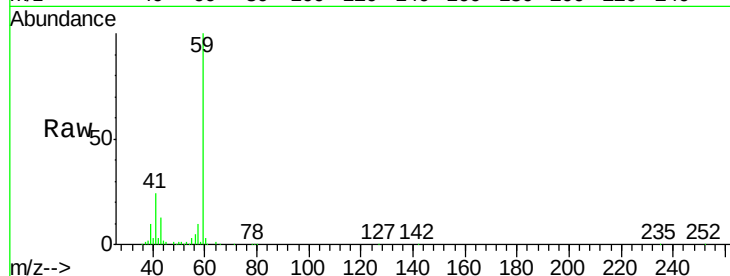




#11
Tert butyl alcohol
Concen: 239.108 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

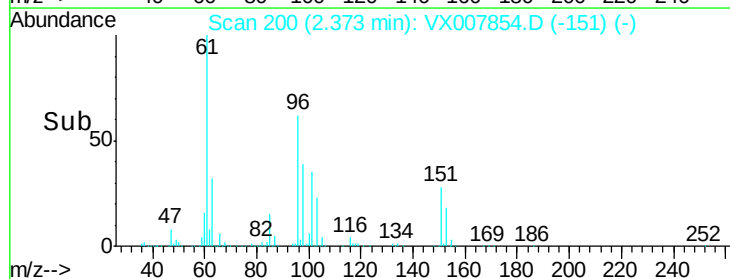
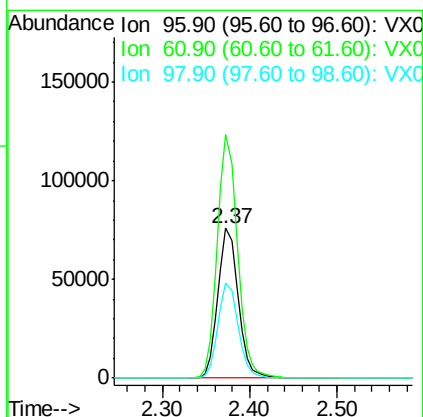
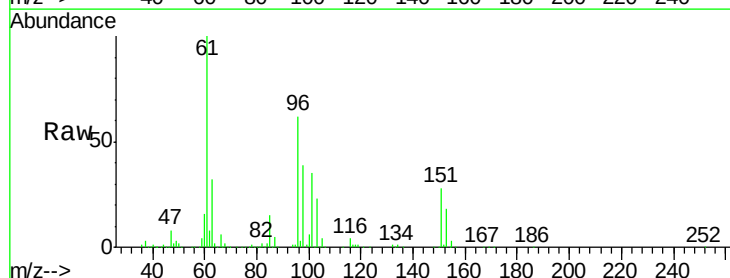
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

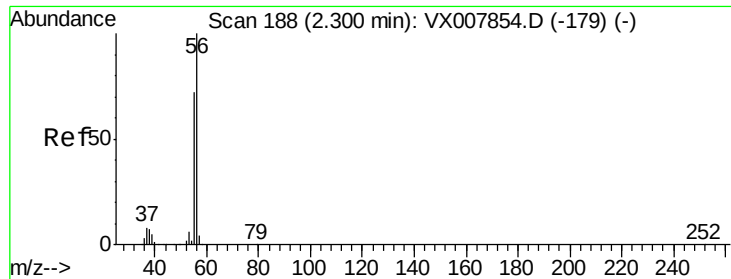
Tgt Ion: 59 Resp: 166984
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.568 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 96 Resp: 122325
Ion Ratio Lower Upper
96 100
61 162.2 129.8 194.6
98 63.8 51.0 76.6

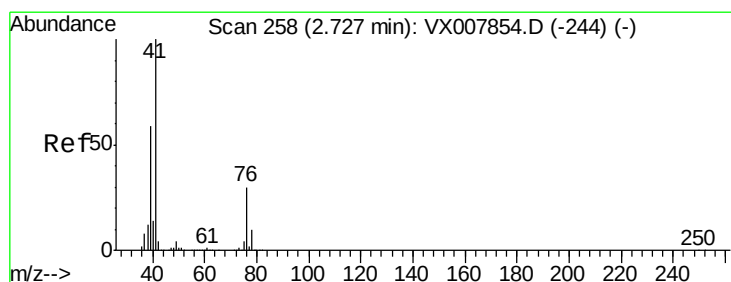
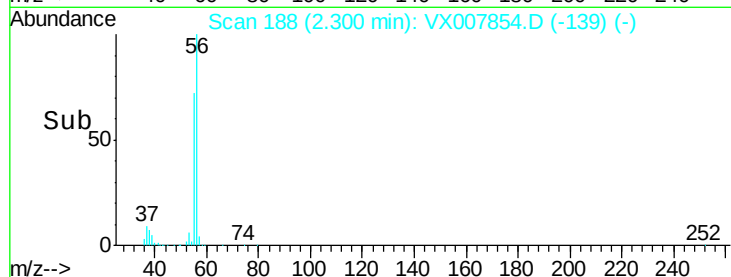
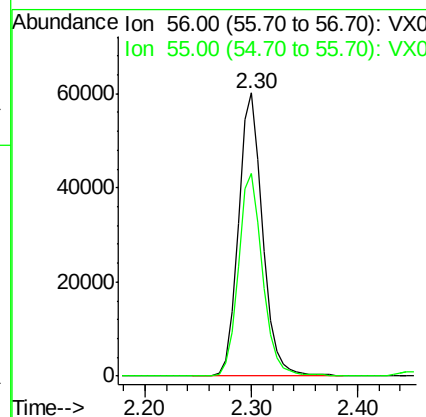
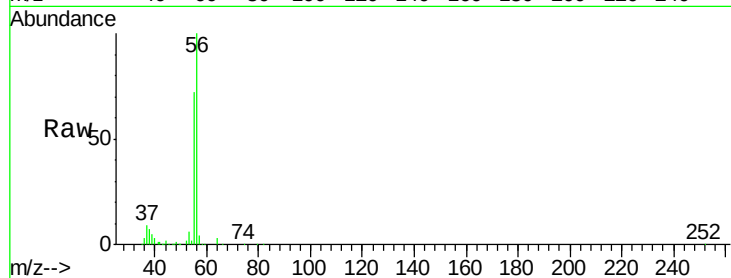




#13
 Acrolein
 Concen: 227.088 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

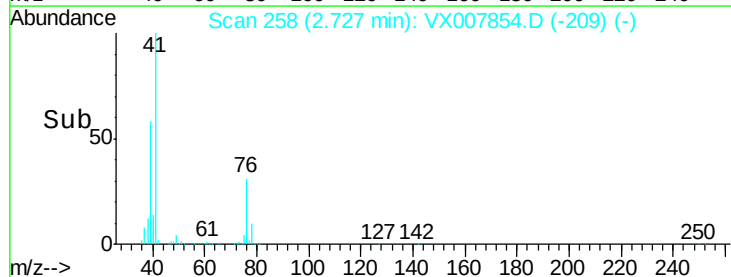
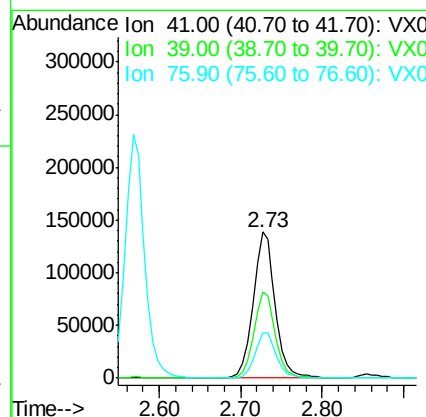
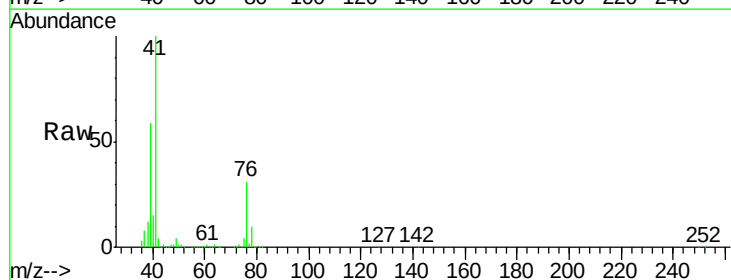
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

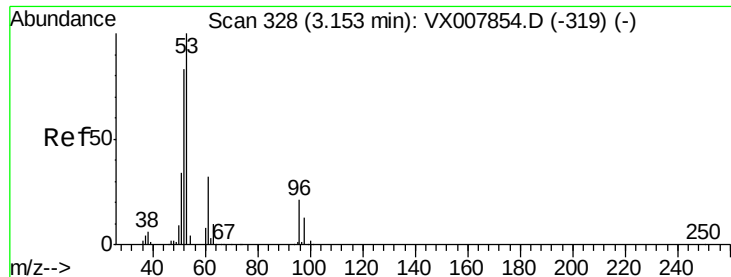
Tgt Ion: 56 Resp: 95763
 Ion Ratio Lower Upper
 56 100
 55 72.2 57.8 86.6



#14
 Allyl chloride
 Concen: 48.992 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 41 Resp: 259287
 Ion Ratio Lower Upper
 41 100
 39 57.6 46.1 69.1
 76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 240.887 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

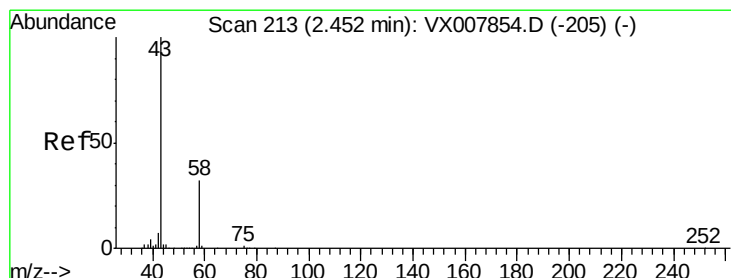
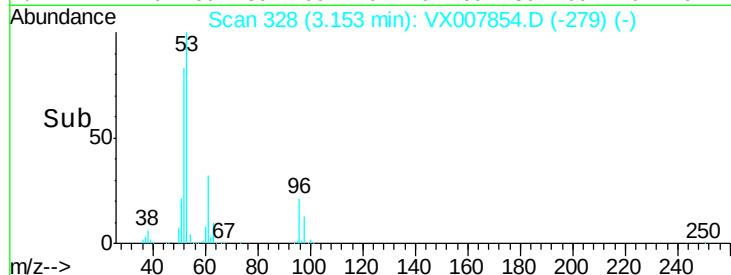
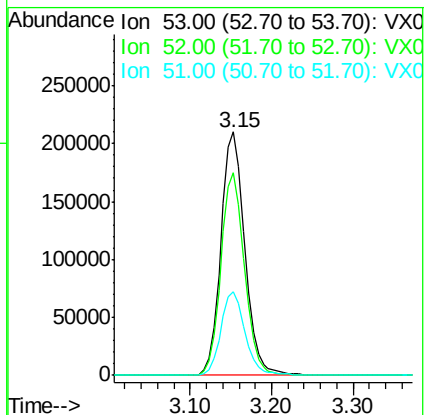
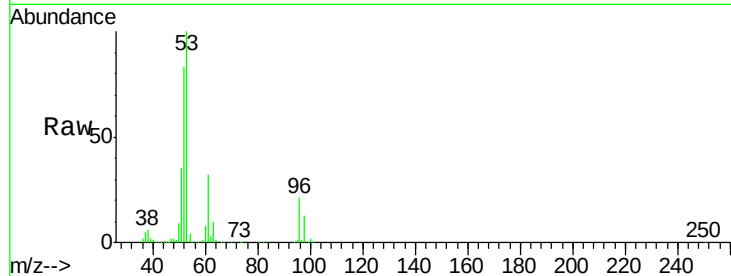
Tgt Ion: 53 Resp: 424620

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 35.0 28.0 42.0



#16

Acetone

Concen: 255.571 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX007854.D

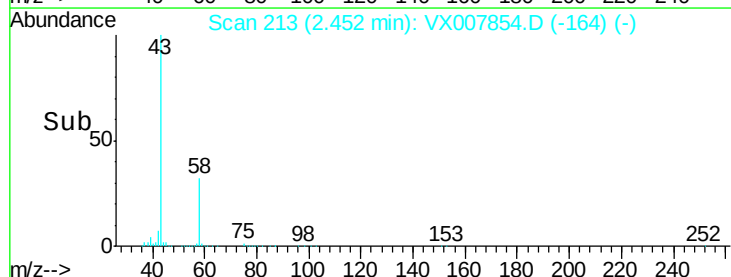
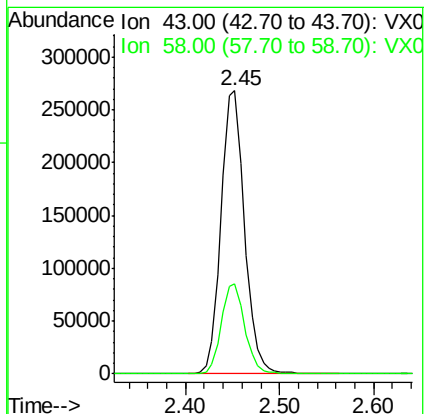
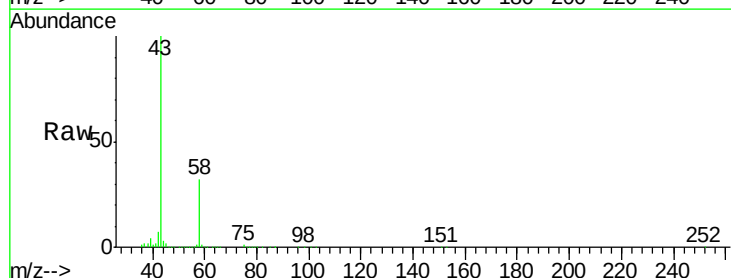
Acq: 06 Mar 2019 11:00

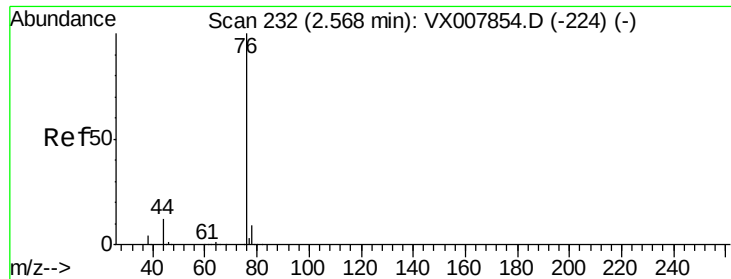
Tgt Ion: 43 Resp: 461943

Ion Ratio Lower Upper

43 100

58 31.9 25.5 38.3





#17

Carbon Disulfide

Concen: 45.460 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

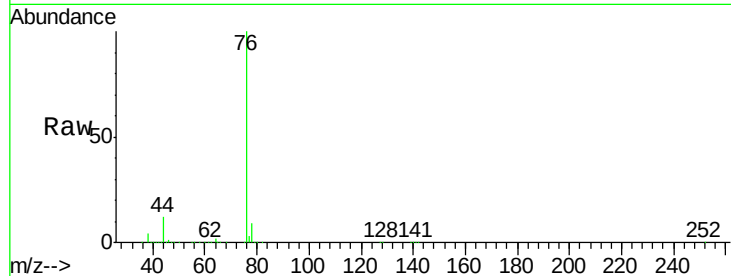
VSTDICCC050

Tgt Ion: 76 Resp: 384436

Ion Ratio Lower Upper

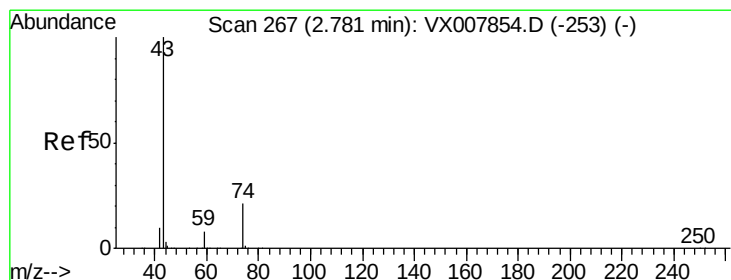
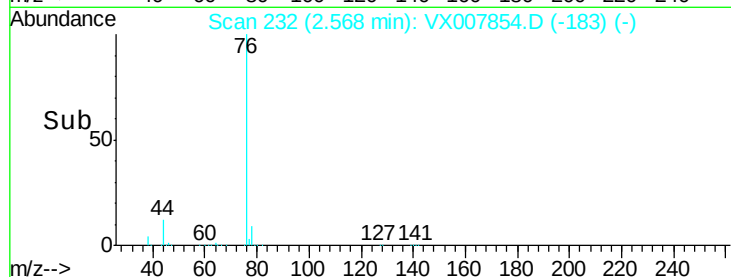
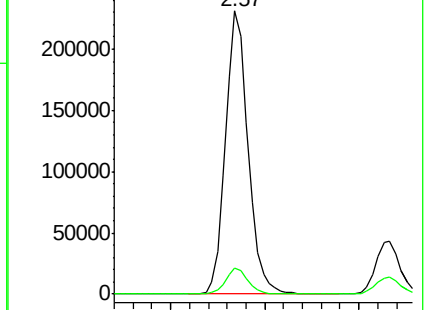
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.769 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007854.D

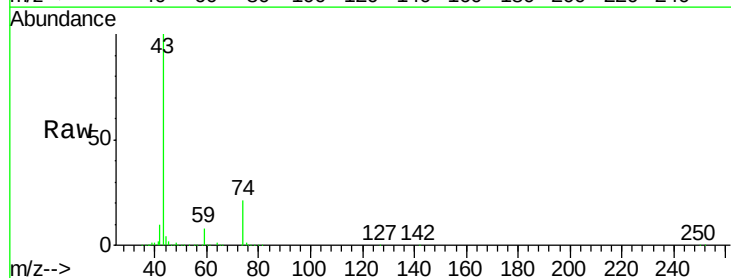
Acq: 06 Mar 2019 11:00

Tgt Ion: 43 Resp: 187271

Ion Ratio Lower Upper

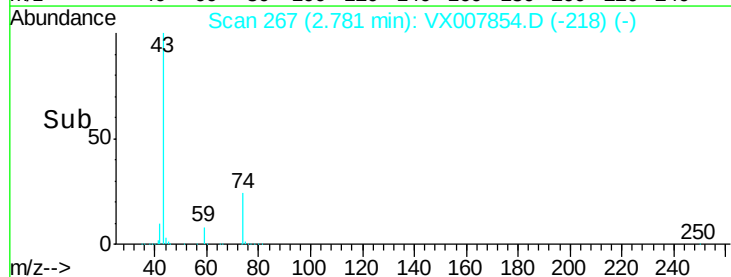
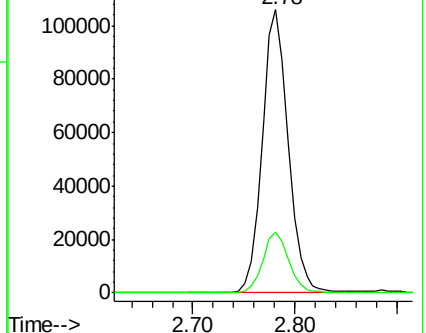
43 100

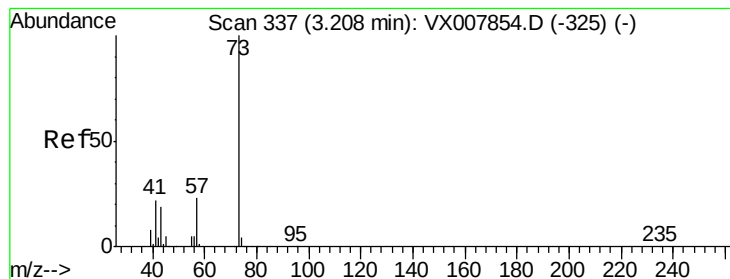
74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



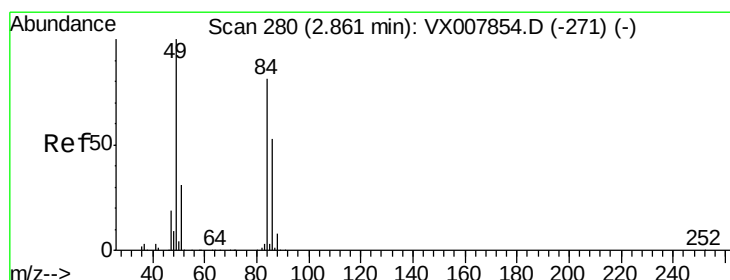
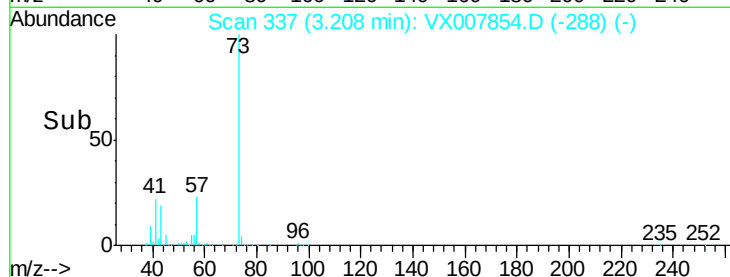
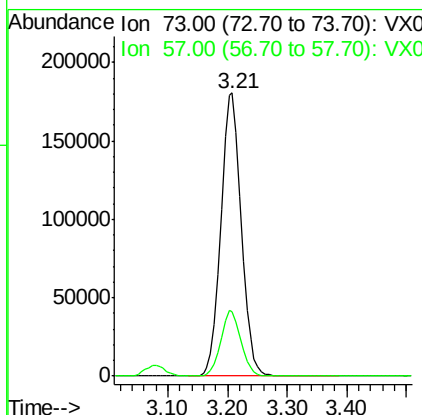
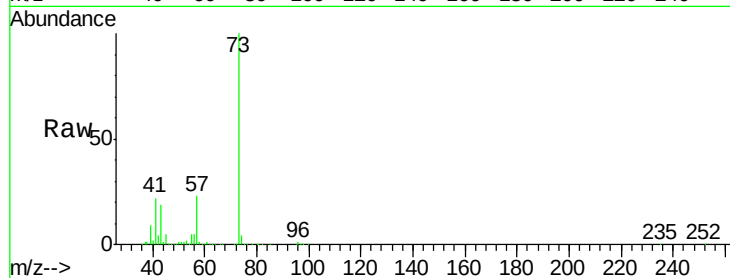


#19

Methyl tert-butyl Ether
 Concen: 49.449 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

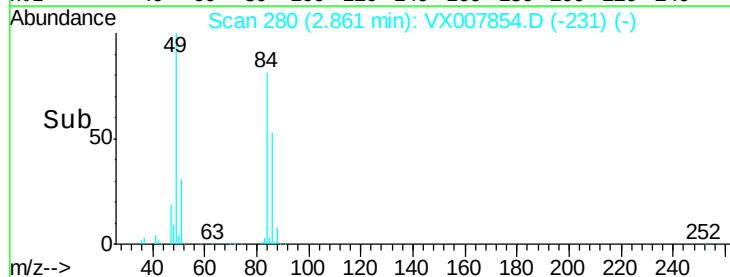
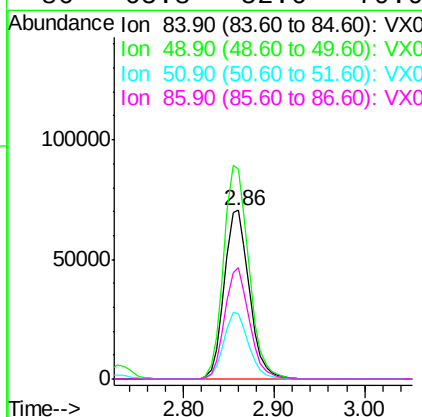
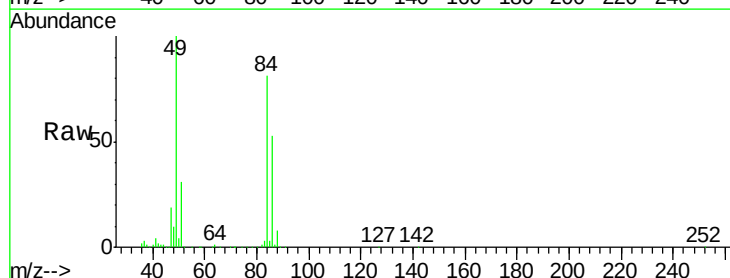
Tgt Ion: 73 Resp: 428461
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.2 27.4

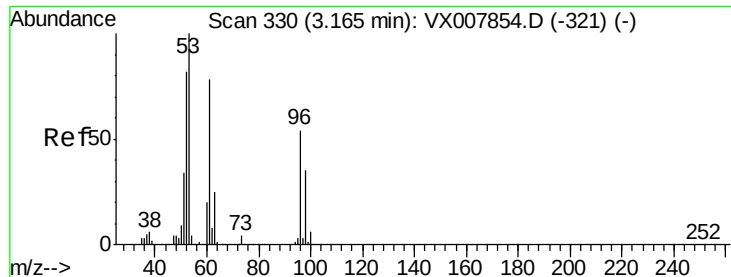


#20

Methylene Chloride
 Concen: 47.292 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 84 Resp: 136041
 Ion Ratio Lower Upper
 84 100
 49 124.1 99.3 148.9
 51 39.1 31.3 46.9
 86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 47.123 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

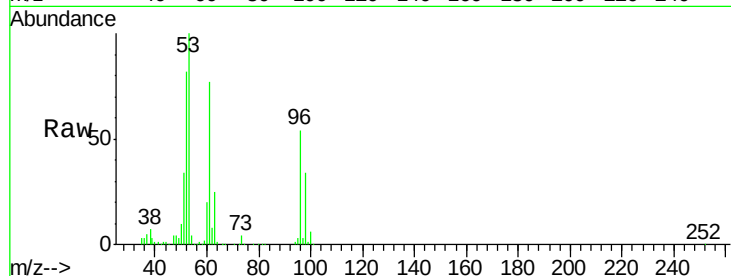
Tgt Ion: 96 Resp: 130591

Ion Ratio Lower Upper

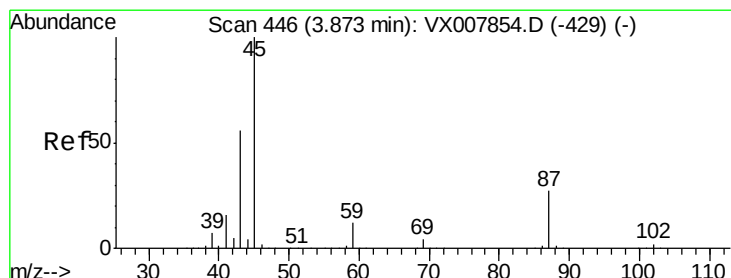
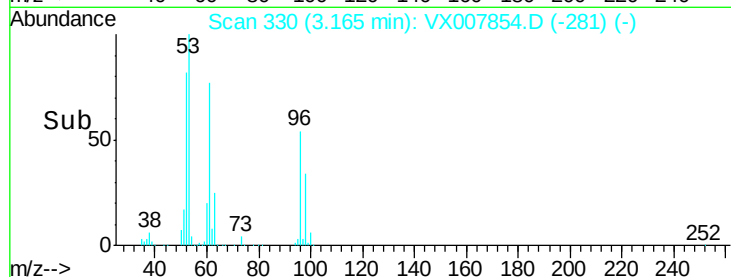
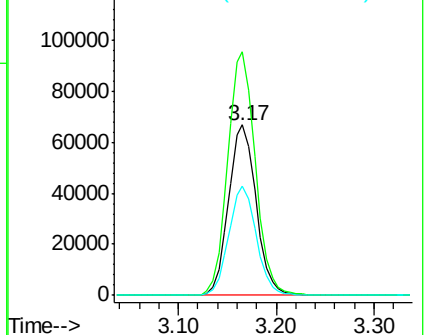
96 100

61 143.0 114.4 171.6

98 63.9 51.1 76.7



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: 49.282 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Tgt Ion: 45 Resp: 478115

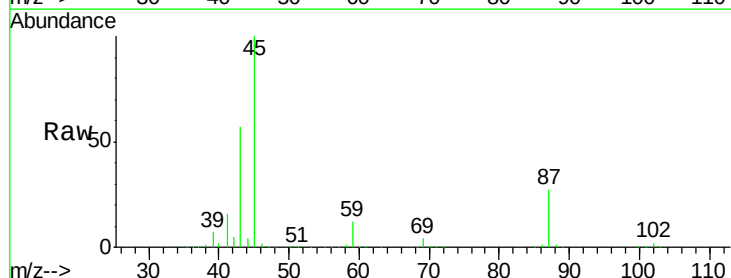
Ion Ratio Lower Upper

45 100

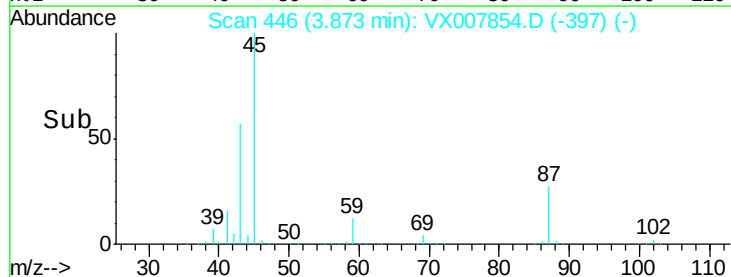
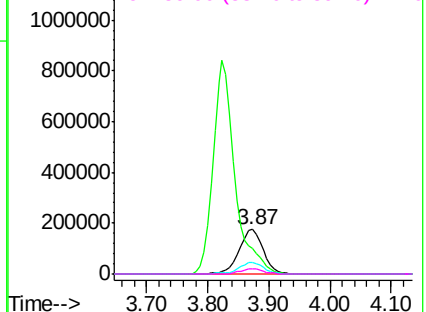
43 56.6 45.3 67.9

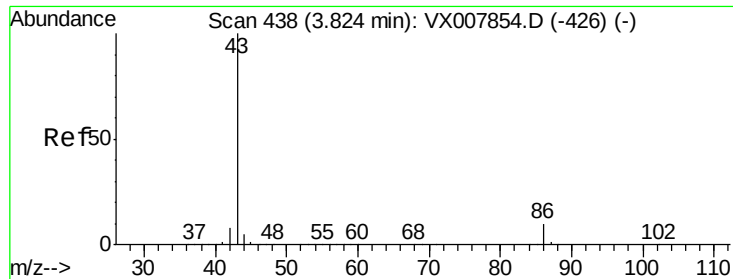
87 26.7 21.4 32.0

59 11.9 9.5 14.3



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: 249.668 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

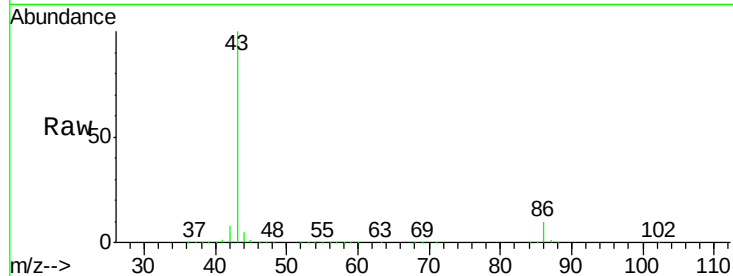
VSTDICCC050

Tgt Ion: 43 Resp: 2124054

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

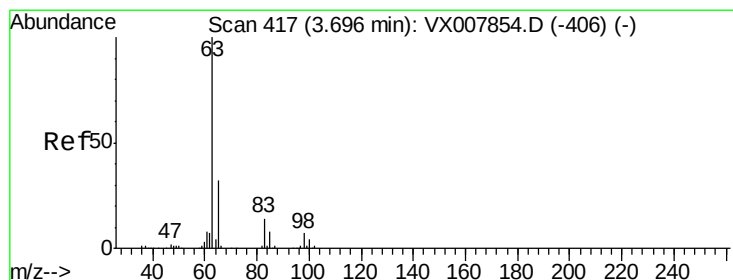
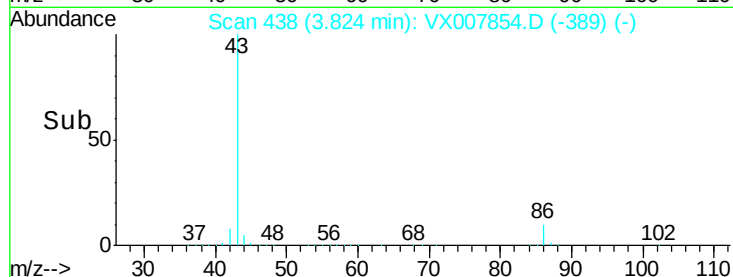
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.107 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

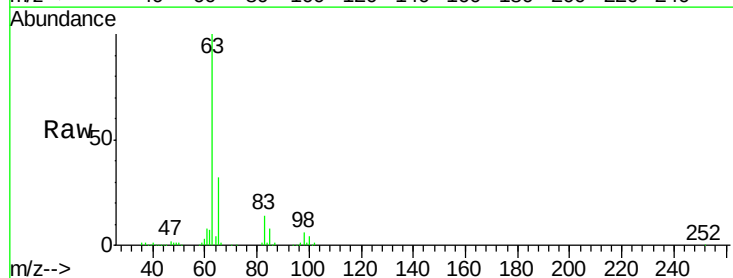
Tgt Ion: 63 Resp: 256379

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.5 2.3 6.8



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

3.70

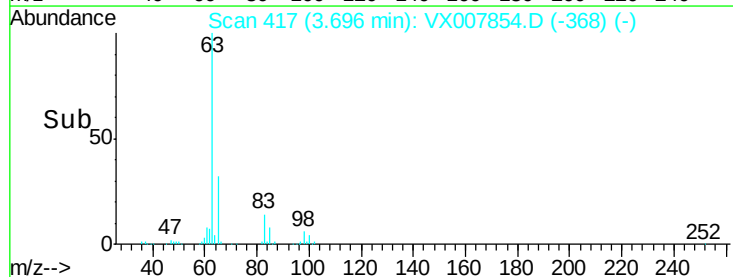
100000

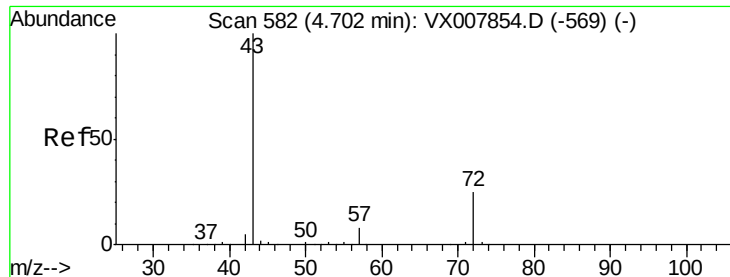
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 250.027 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

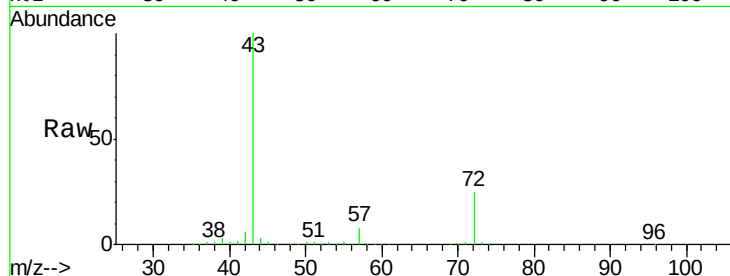
VSTDICCC050

Tgt Ion: 43 Resp: 639803

Ion Ratio Lower Upper

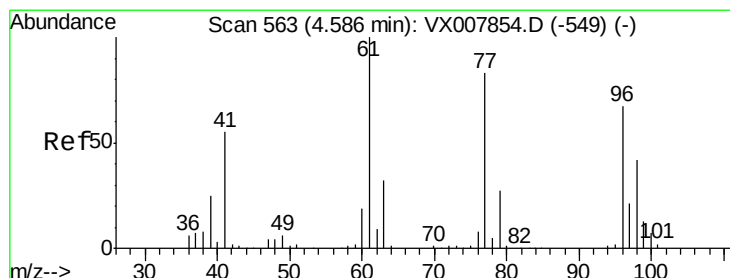
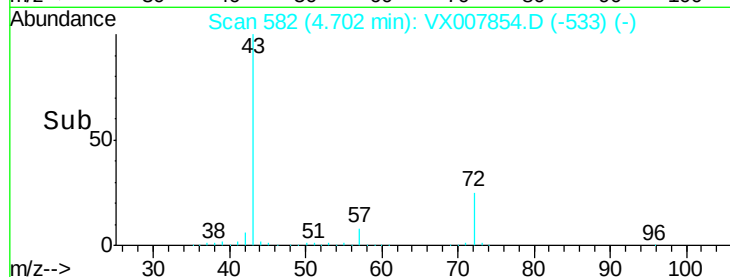
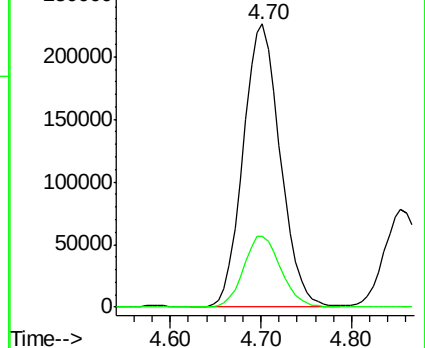
43 100

72 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.023 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007854.D

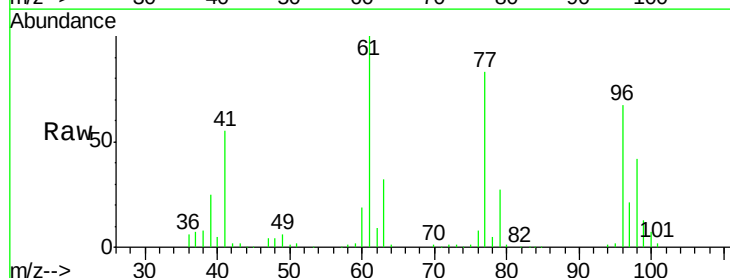
Acq: 06 Mar 2019 11:00

Tgt Ion: 77 Resp: 173025

Ion Ratio Lower Upper

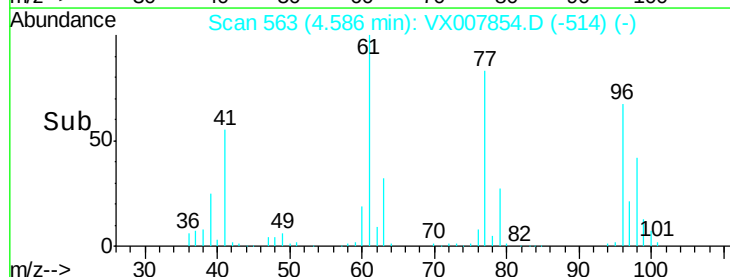
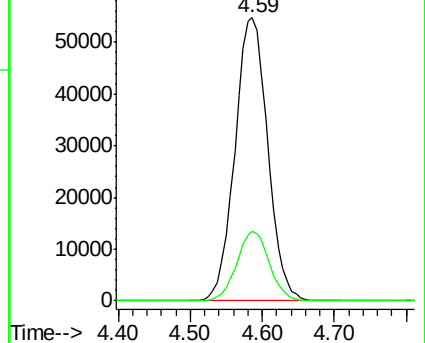
77 100

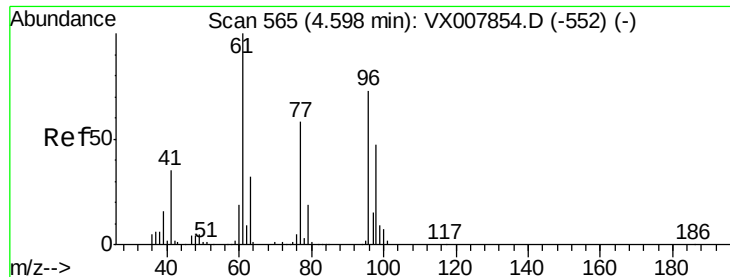
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.427 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

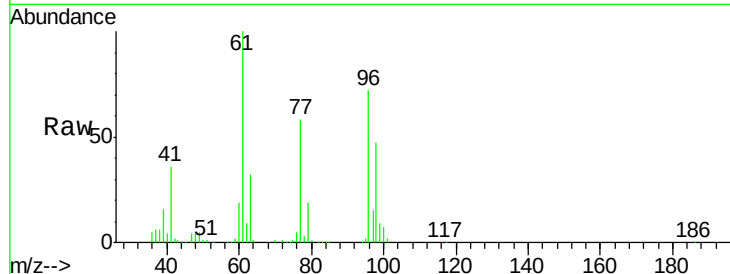
Tgt Ion: 96 Resp: 153572

Ion Ratio Lower Upper

96 100

61 144.0 0.0 288.0

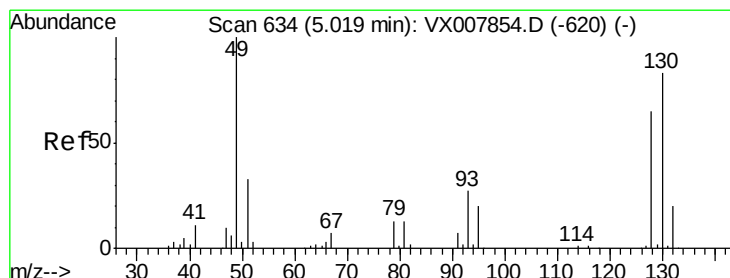
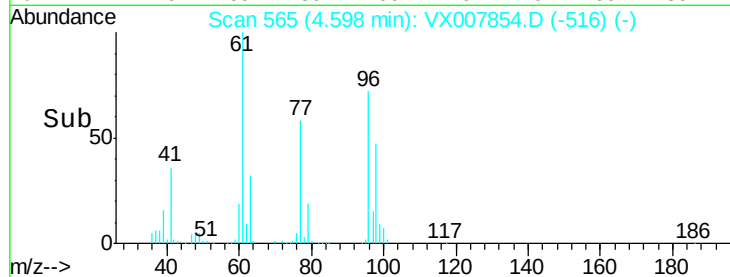
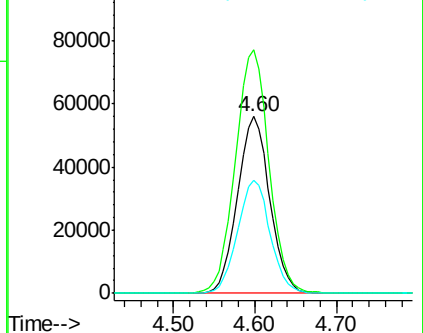
98 64.5 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.223 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

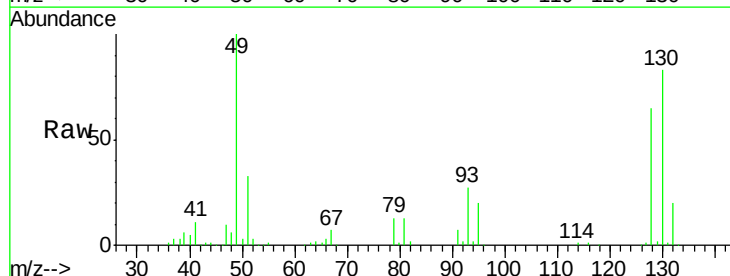
Tgt Ion: 49 Resp: 122243

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

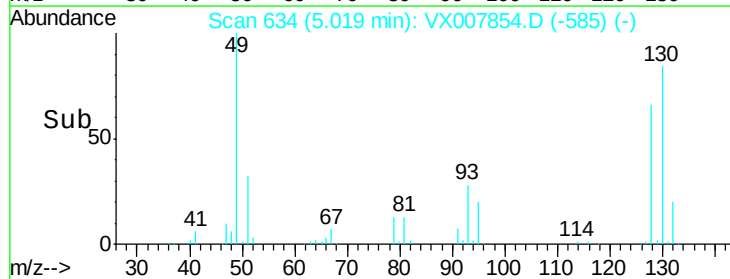
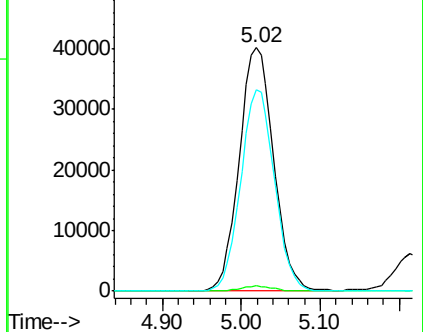
130 81.2 65.0 97.4

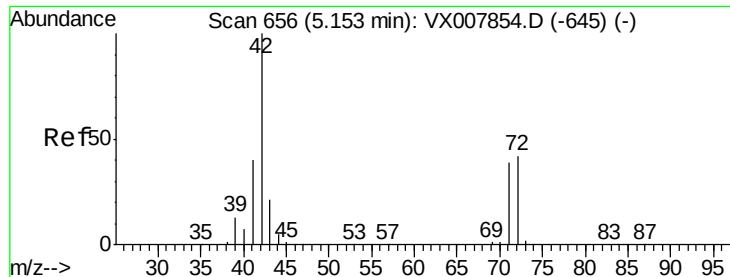


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

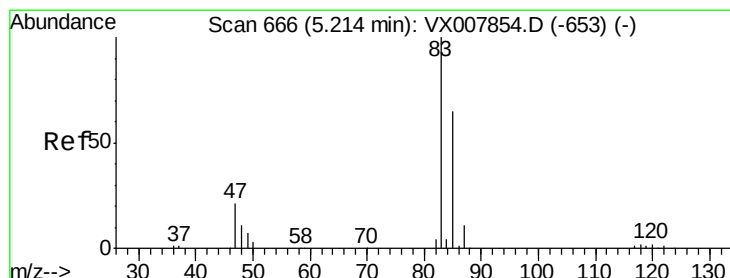
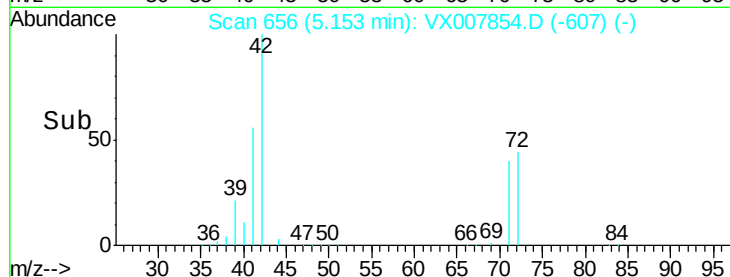
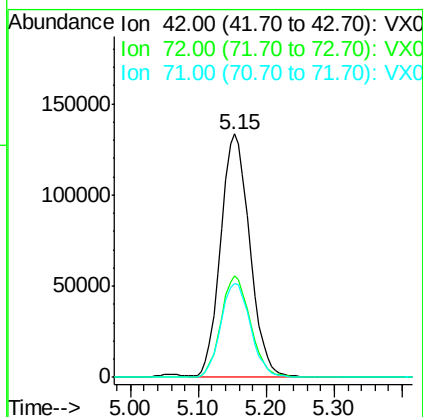
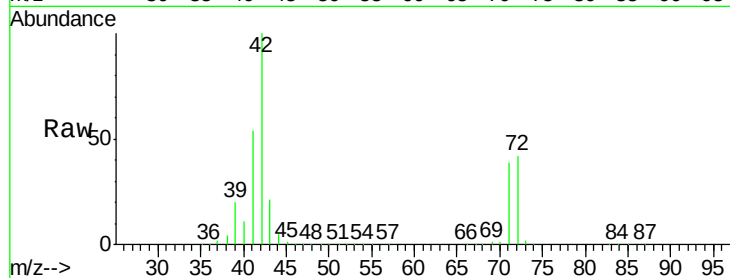




#29
Tetrahydrofuran
Concen: 248.117 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

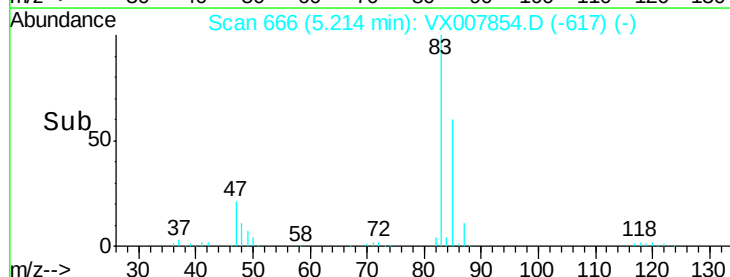
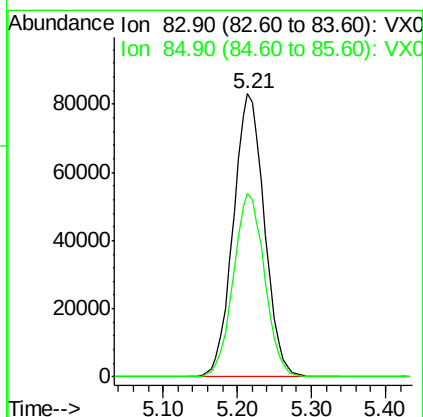
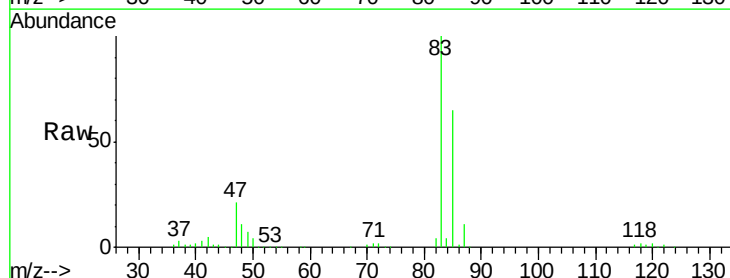
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

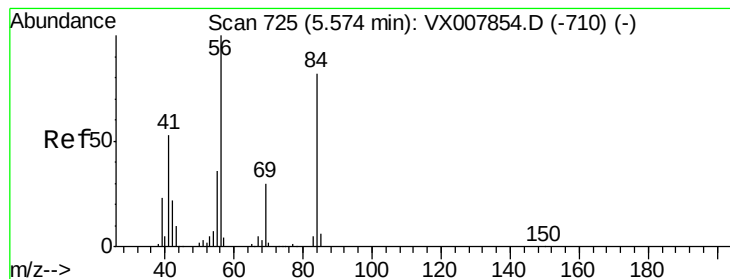
Tgt Ion: 42 Resp: 396039
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 39.4 31.5 47.3



#30
Chloroform
Concen: 49.301 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 83 Resp: 243480
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 49.985 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

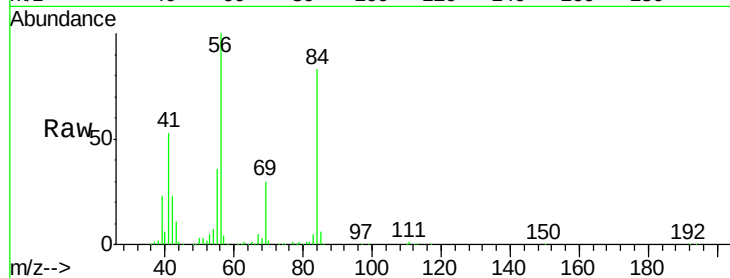
Tgt Ion: 56 Resp: 239844

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

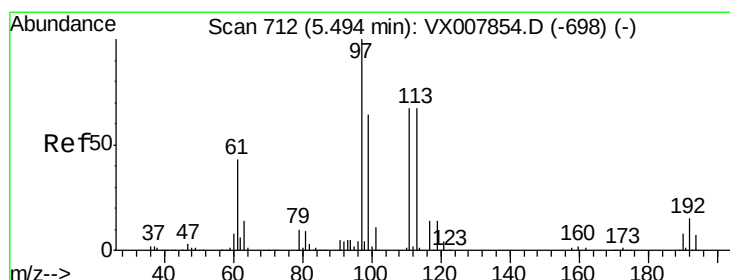
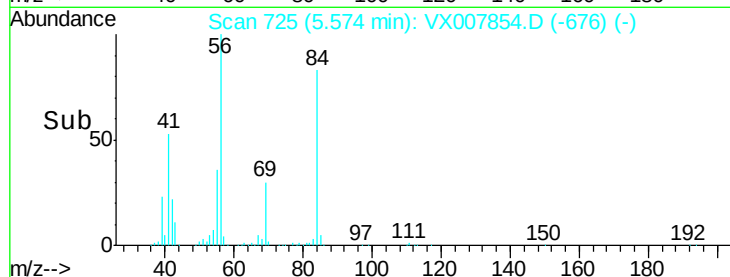
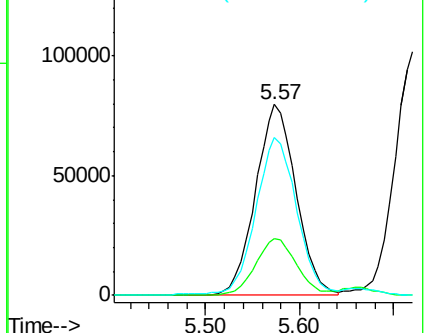
84 81.6 65.3 97.9



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: 49.820 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

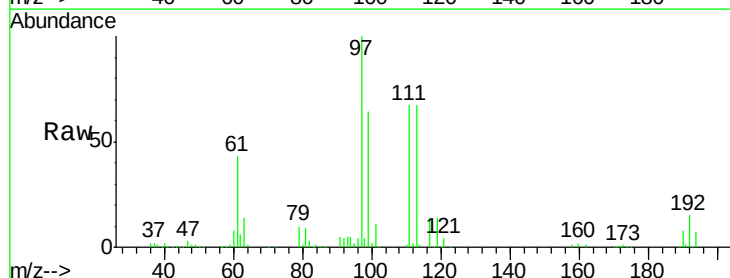
Tgt Ion: 97 Resp: 204144

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

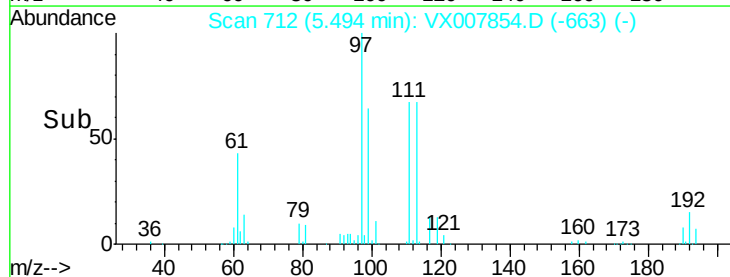
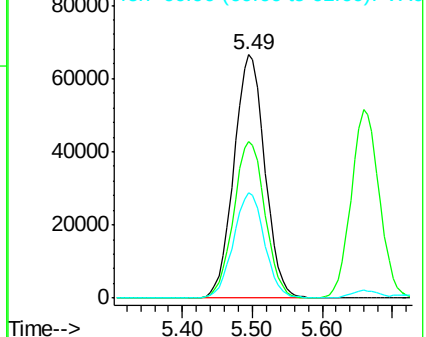
61 43.6 34.9 52.3

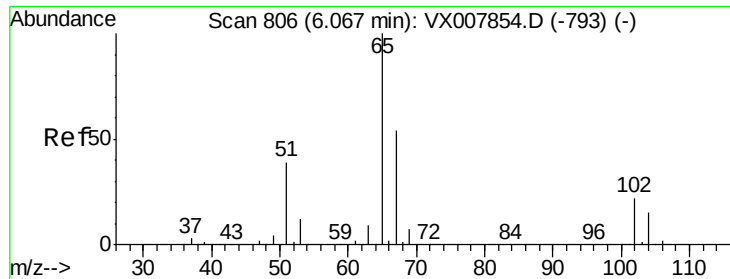


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

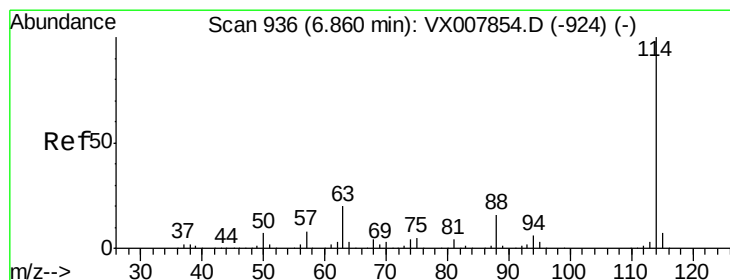
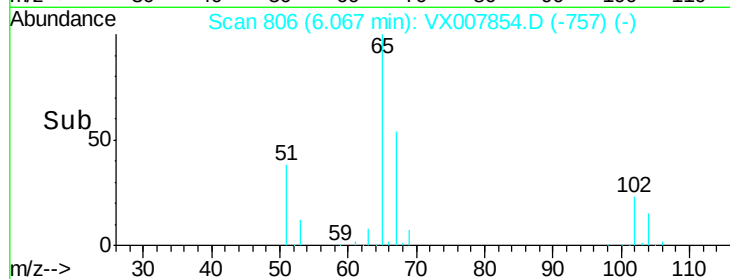
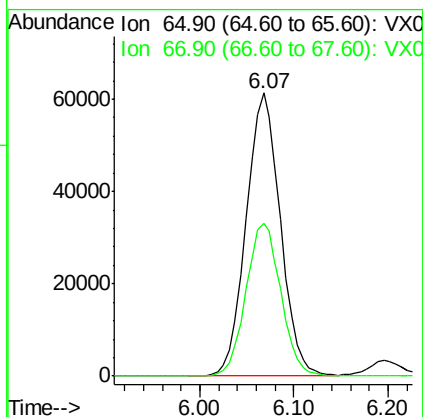
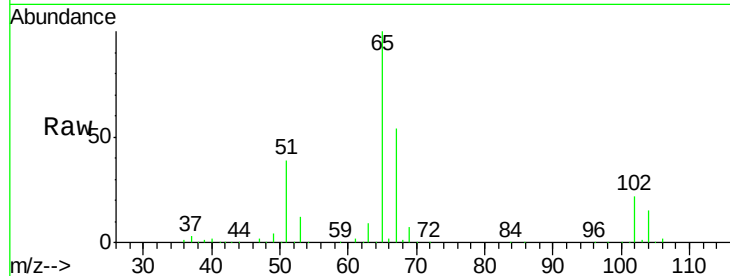




#33
 1,2-Dichloroethane-d4
 Concen: 50.139 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

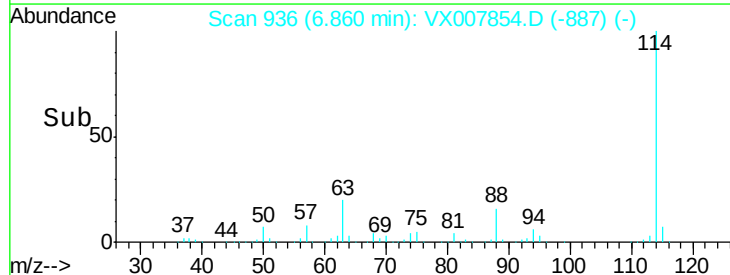
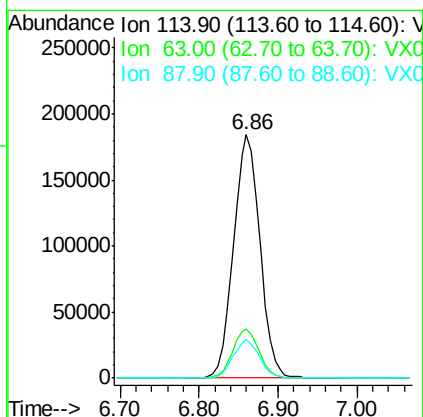
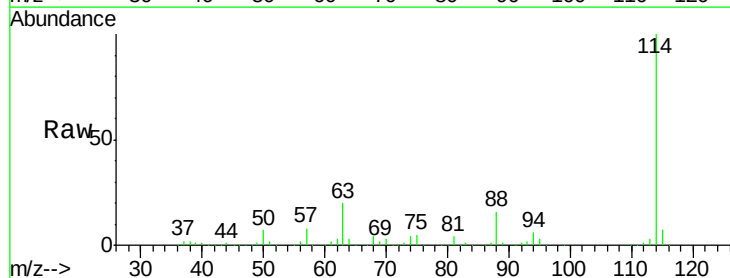
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

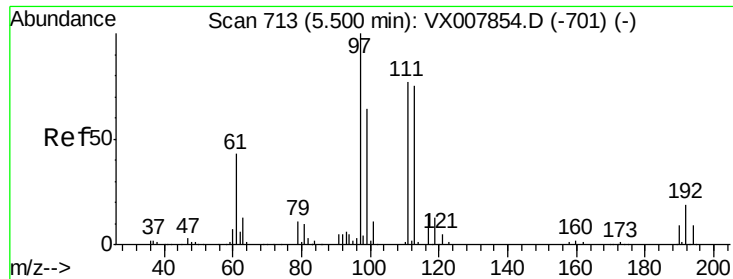
Tgt Ion: 65 Resp: 156575
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 114 Resp: 428752
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.7 0.0 31.4

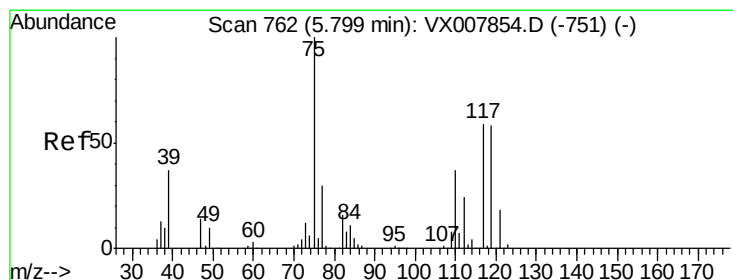
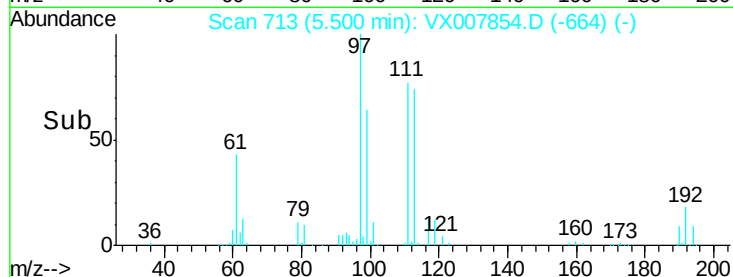
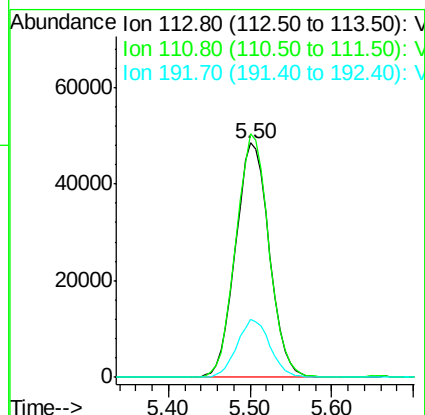
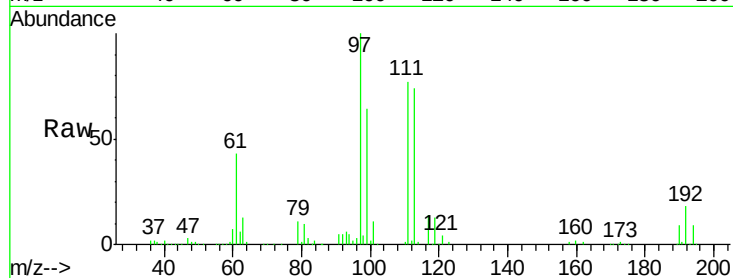




#35
 Dibromofluoromethane
 Concen: 50.582 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

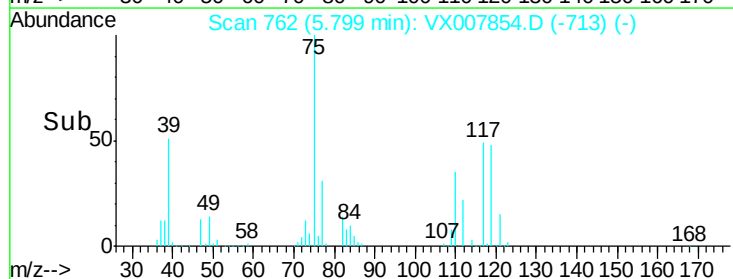
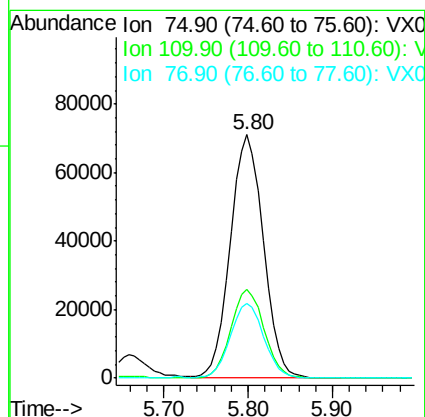
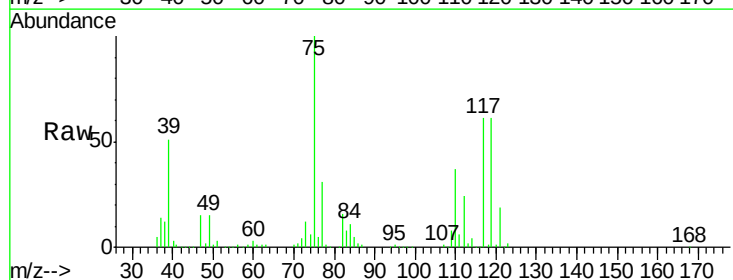
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

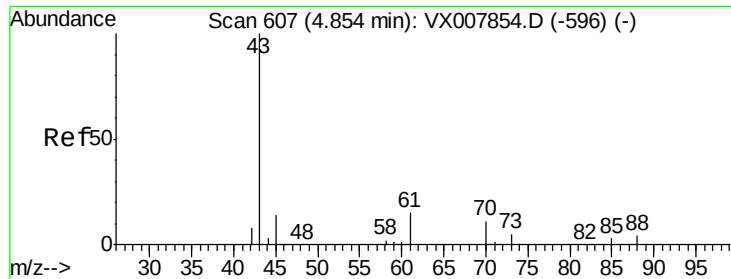
Tgt Ion:113 Resp: 138726
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 24.2 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 48.633 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 75 Resp: 188804
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.0
 77 31.2 25.0 37.4

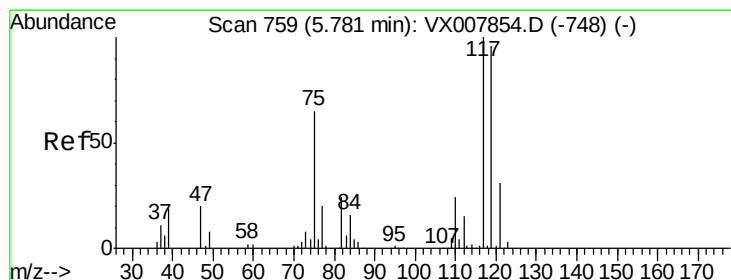
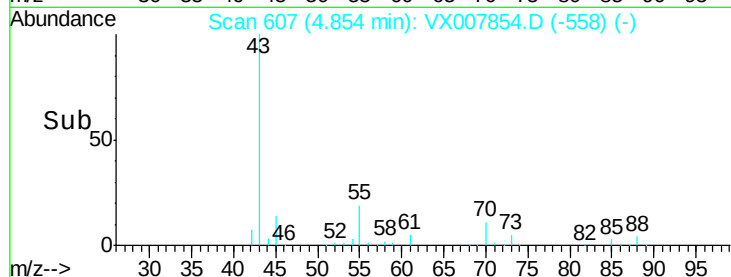
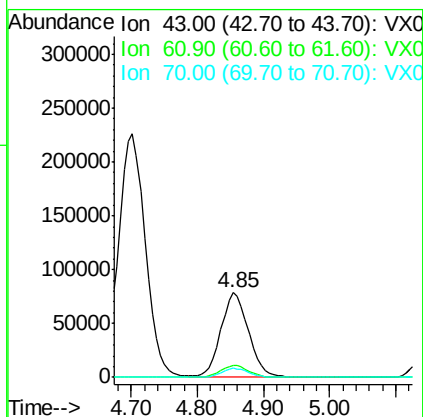
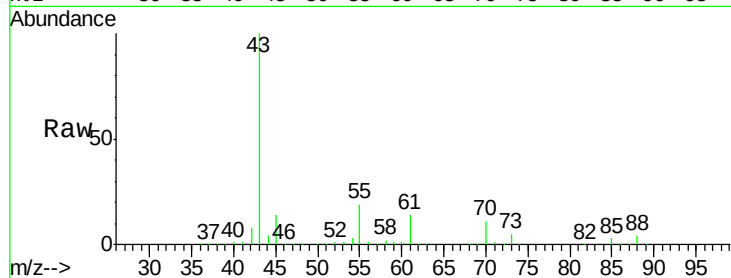




#37
Ethyl Acetate
Concen: 49.256 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

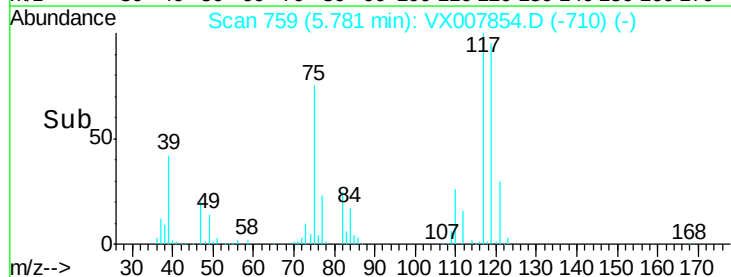
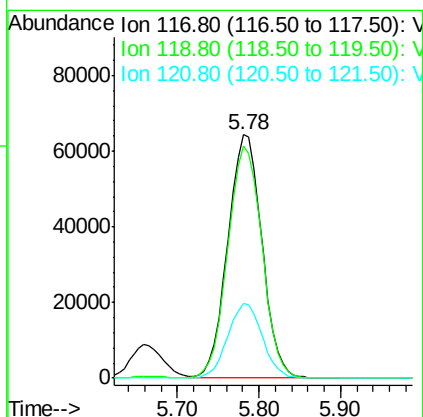
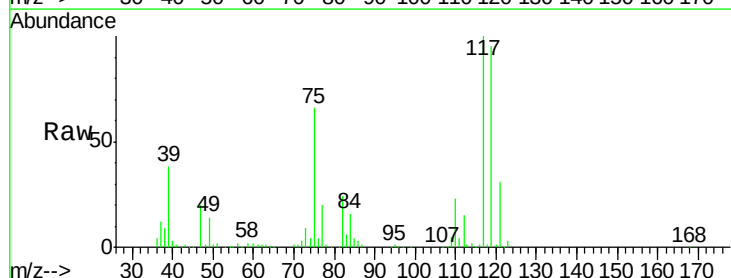
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

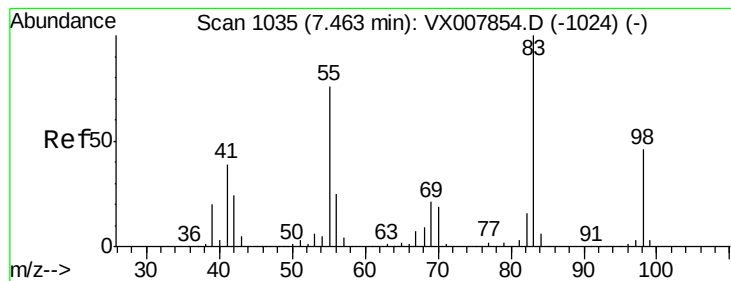
Tgt Ion: 43 Resp: 226927
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.589 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 117 Resp: 186454
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 50.601 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

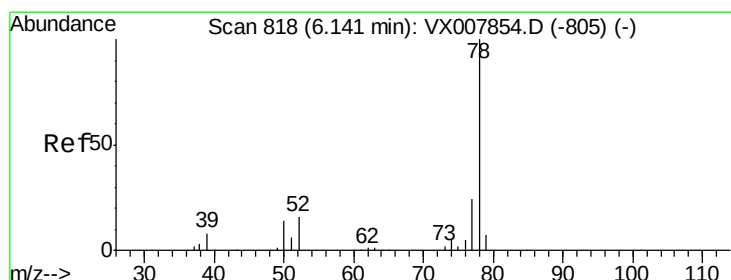
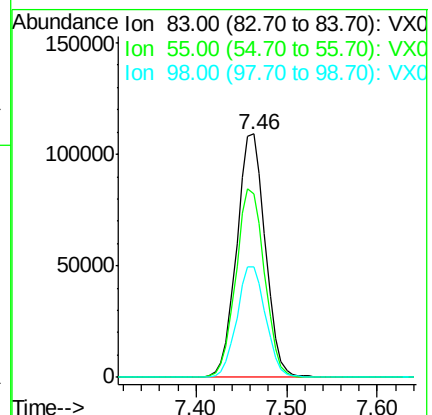
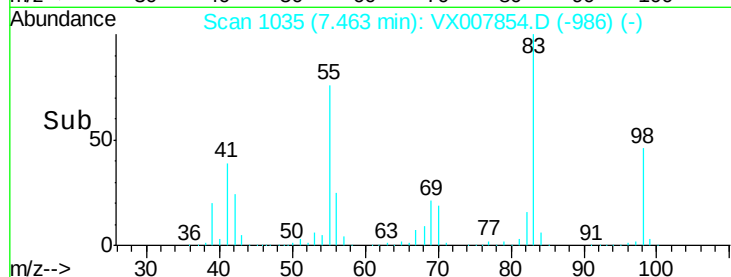
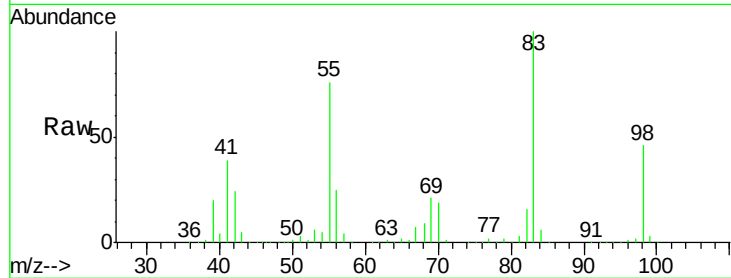
Tgt Ion: 83 Resp: 238041

Ion Ratio Lower Upper

83 100

55 75.5 60.4 90.6

98 45.6 36.5 54.7



#40

Benzene

Concen: 49.657 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007854.D

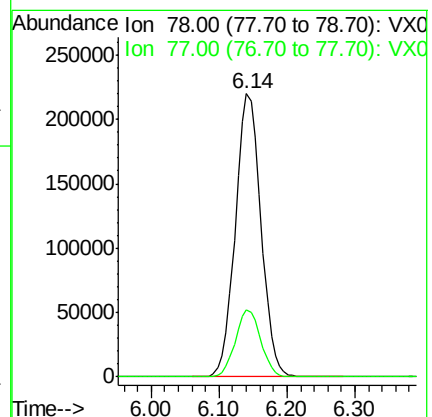
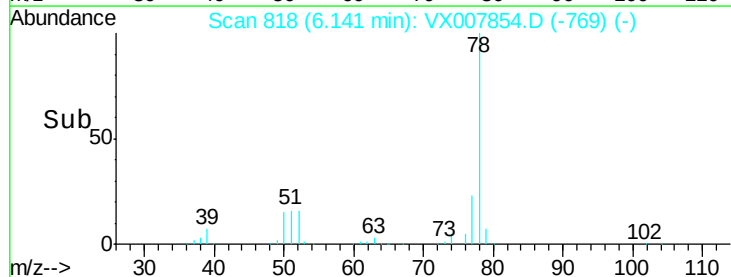
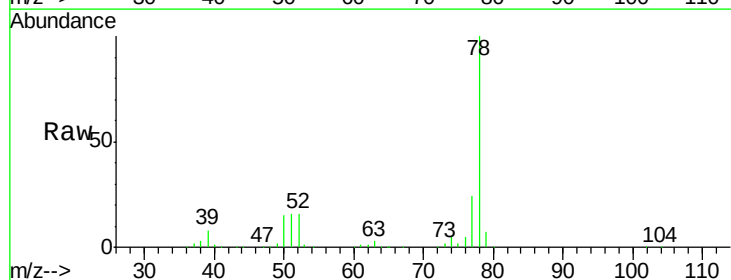
Acq: 06 Mar 2019 11:00

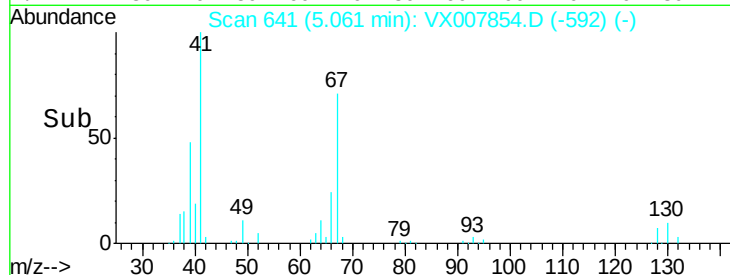
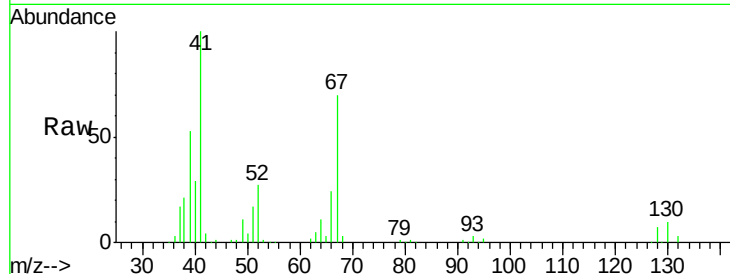
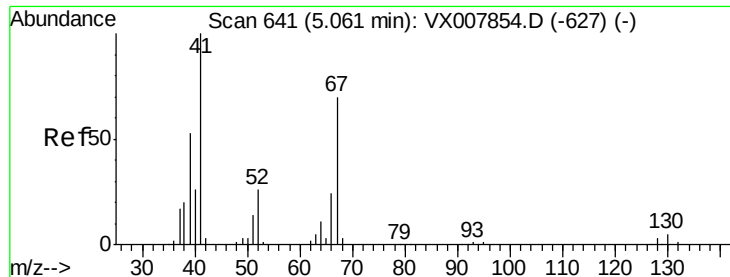
Tgt Ion: 78 Resp: 573925

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

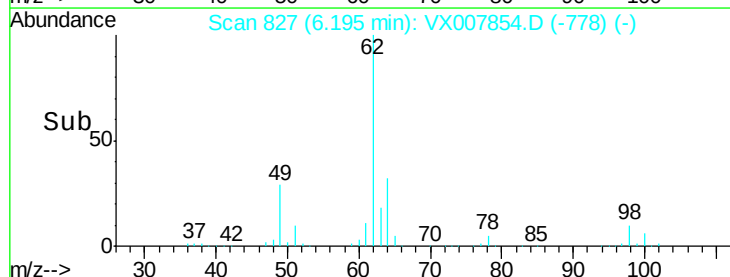
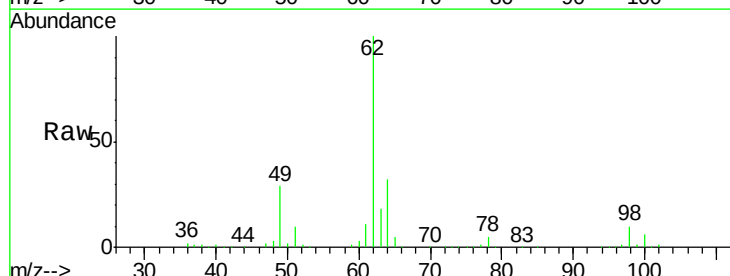
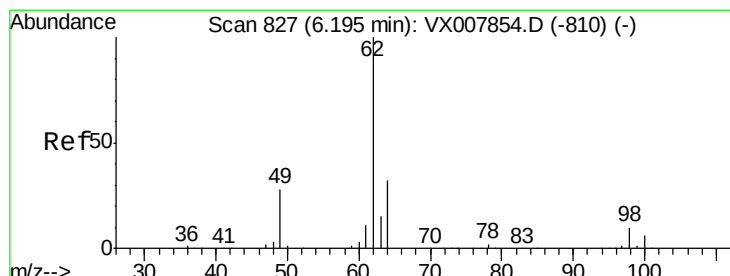
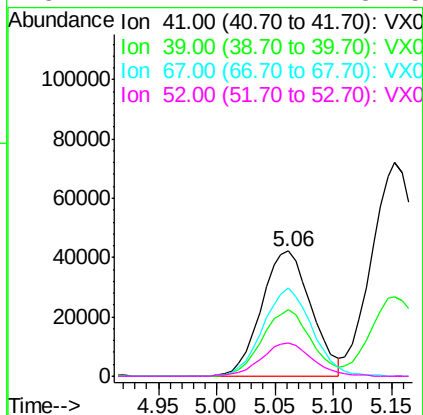




#41
Methacrylonitrile
Concen: 49.868 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

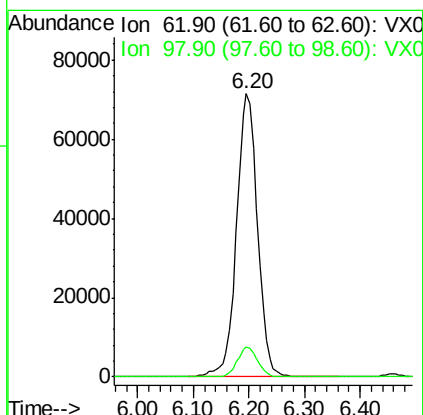
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

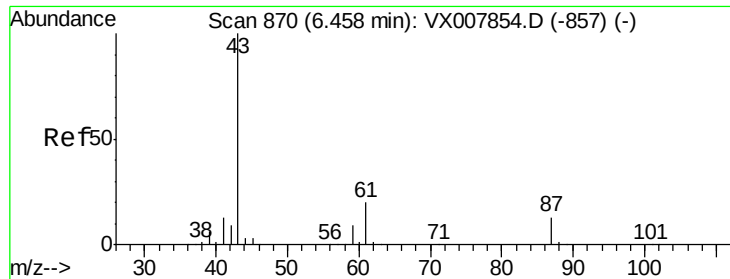
Tgt Ion:	41	Resp:	125258
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.6	62.4
67	69.7	55.8	83.6
52	27.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 49.347 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion:	62	Resp:	186521
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

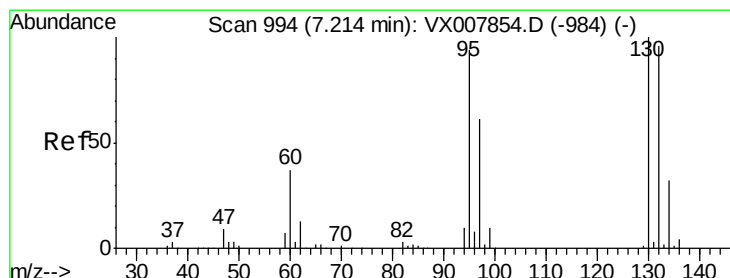
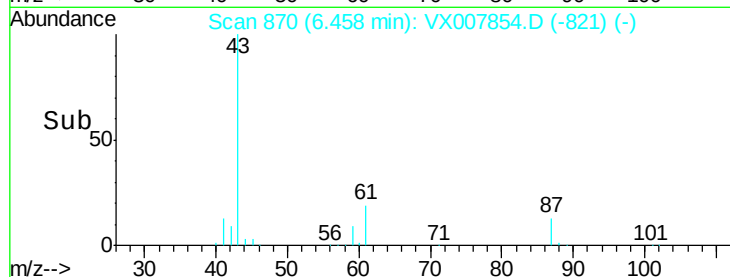
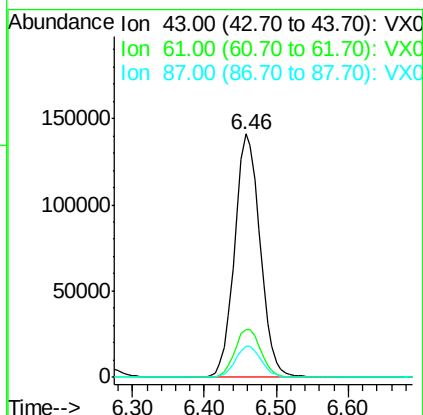
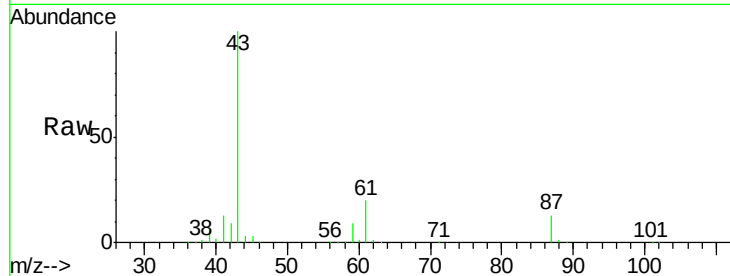




#43
Isopropyl Acetate
Concen: 50.755 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

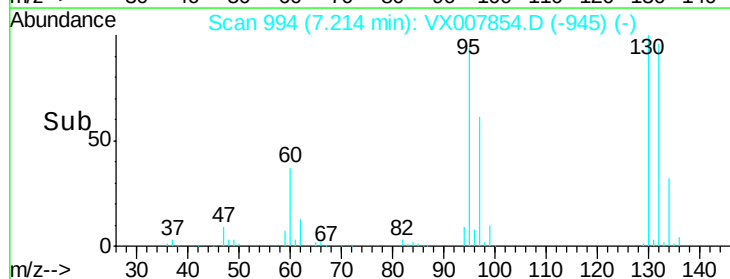
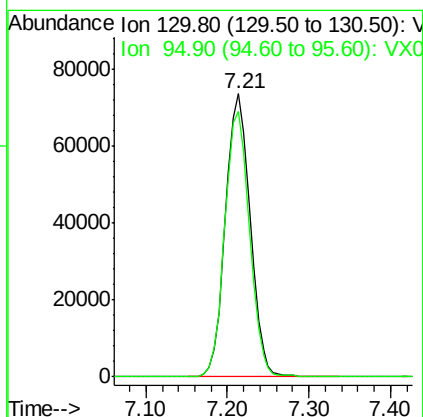
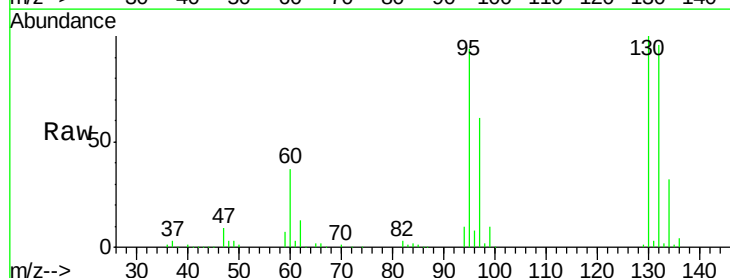
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

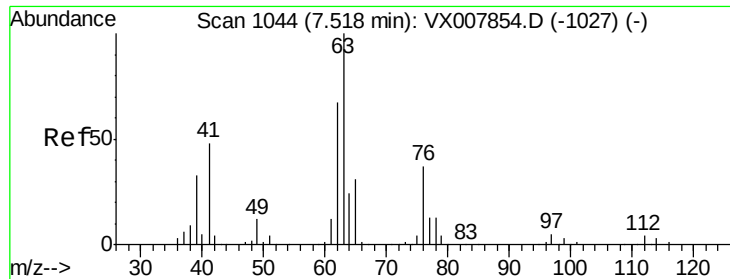
Tgt Ion: 43 Resp: 346063
Ion Ratio Lower Upper
43 100
61 20.4 16.3 24.5
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 48.651 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 130 Resp: 154957
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0

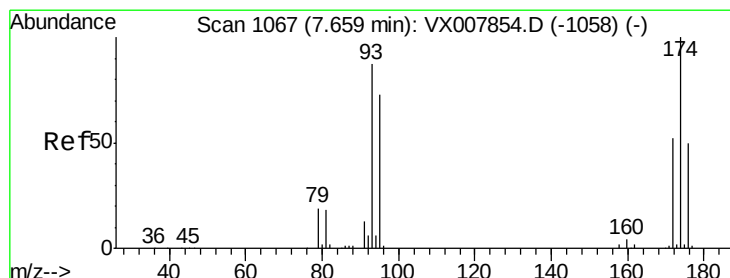
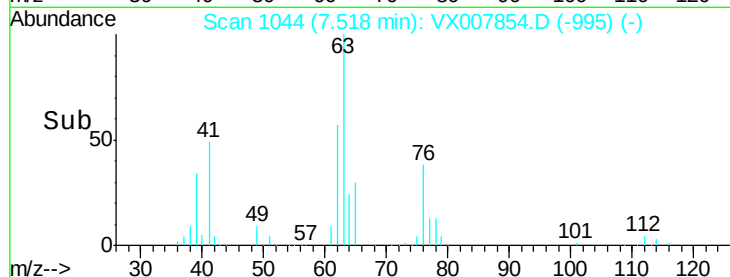
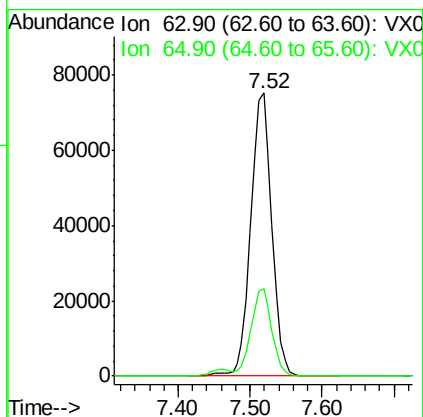
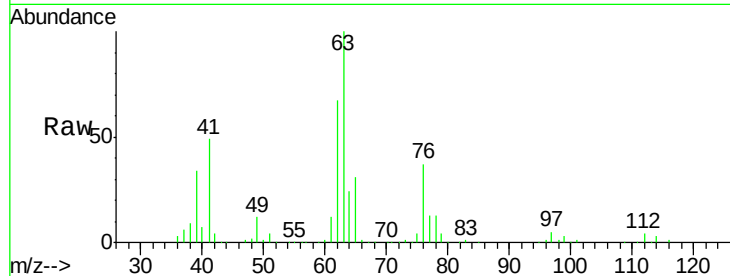




#45
 1,2-Dichloropropane
 Concen: 50.233 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

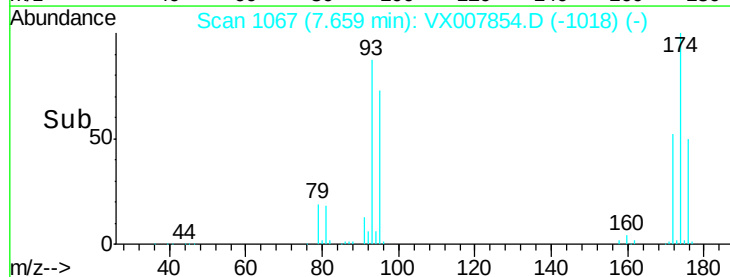
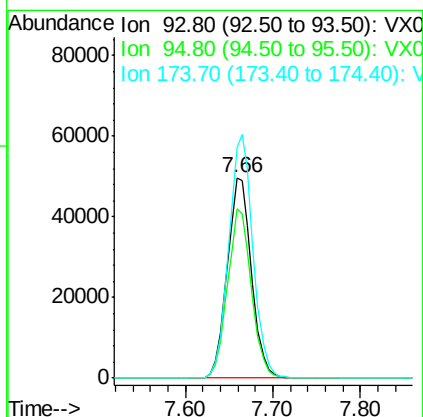
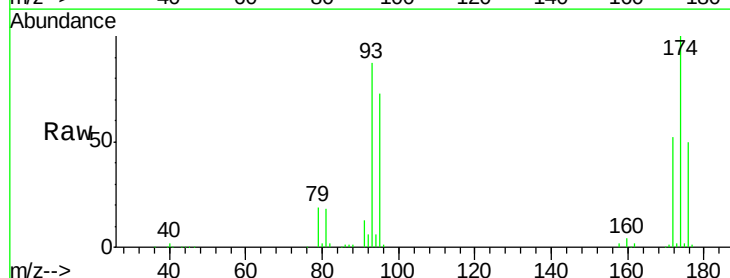
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

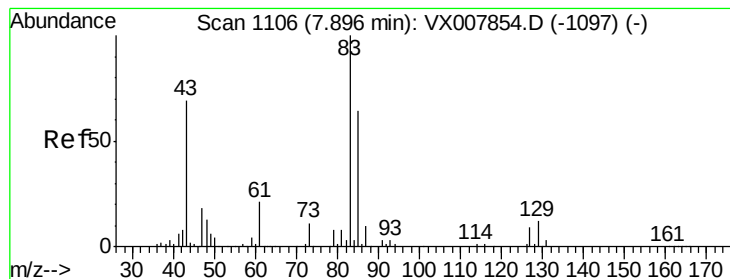
Tgt Ion: 63 Resp: 153341
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 49.353 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 93 Resp: 95343
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 121.6 97.3 145.9





#47

Bromodichloromethane

Concen: 51.031 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

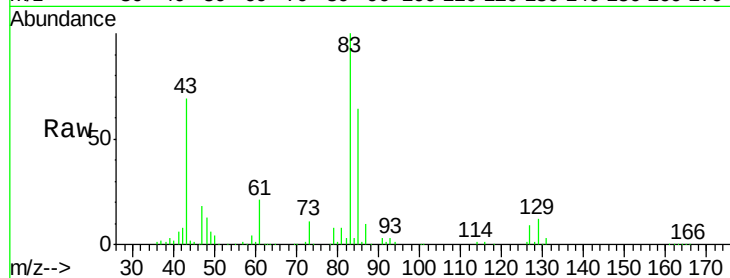
Tgt Ion: 83 Resp: 186909

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

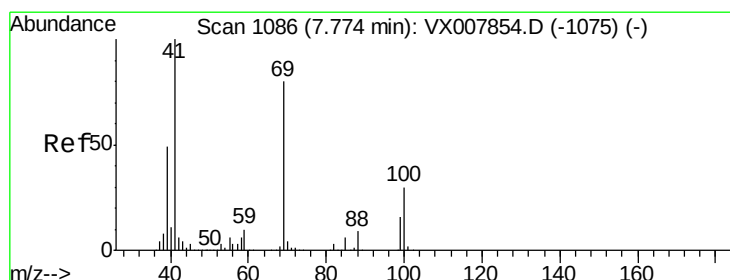
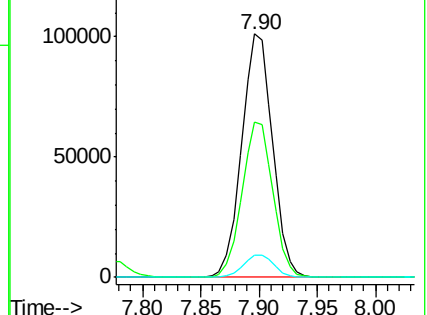
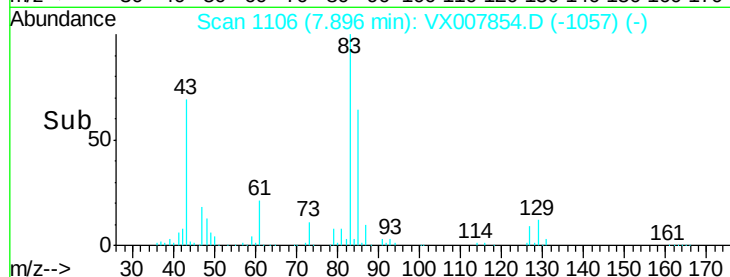
127 9.2 7.4 11.0



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: 50.718 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

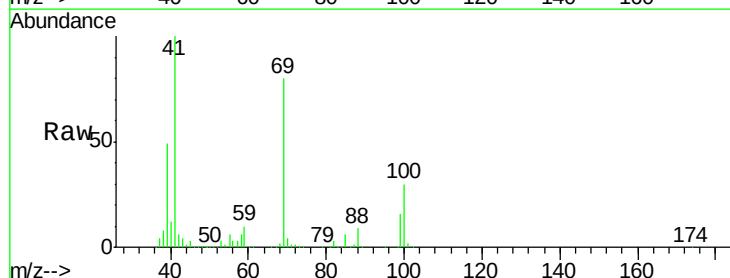
Tgt Ion: 41 Resp: 181813

Ion Ratio Lower Upper

41 100

69 81.5 65.2 97.8

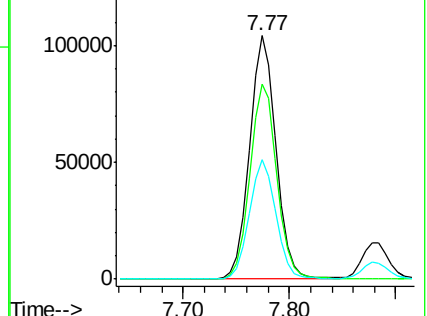
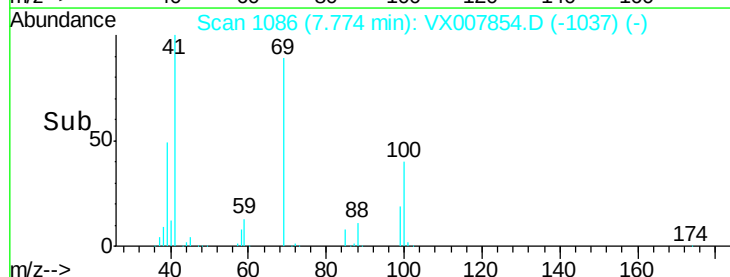
39 49.3 39.4 59.2

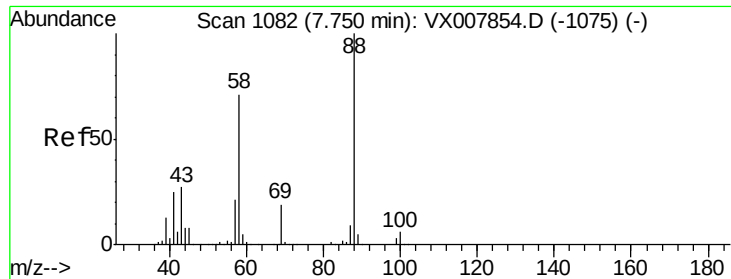


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

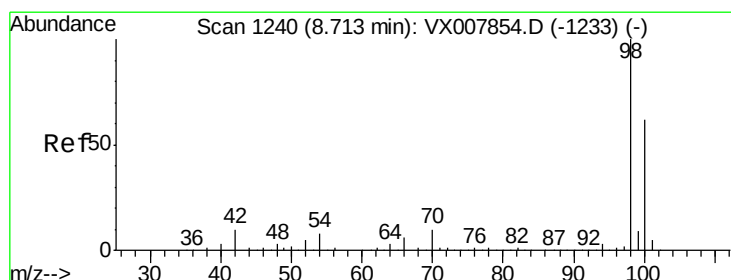
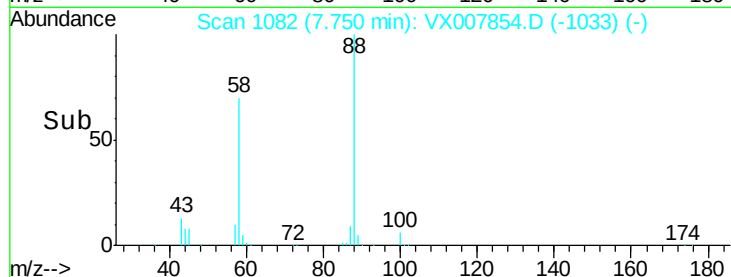
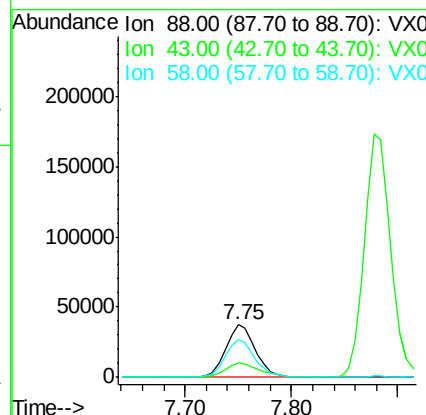
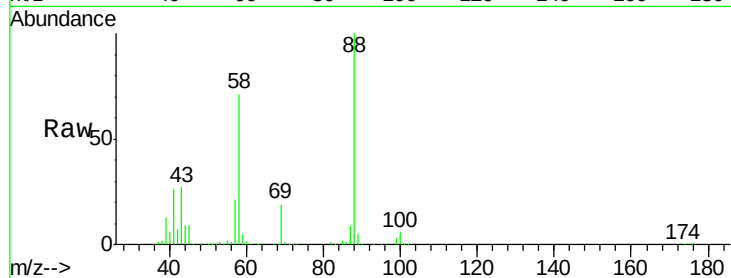




#49
 1,4-Dioxane
 Concen: 986.703 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

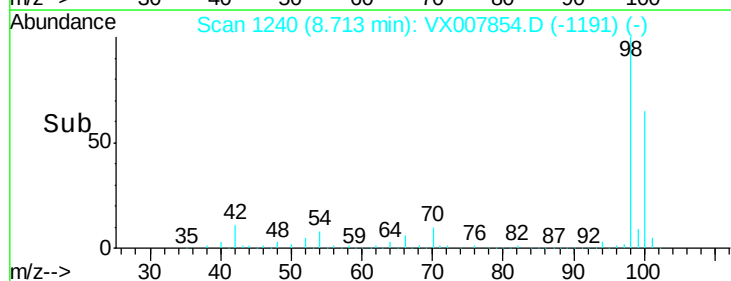
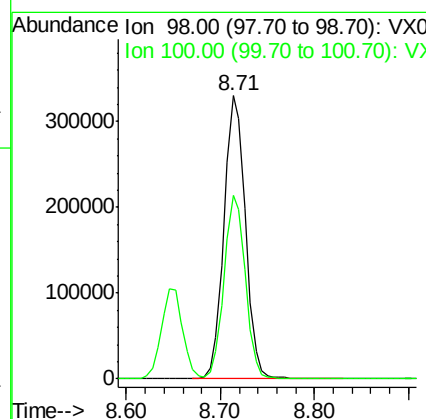
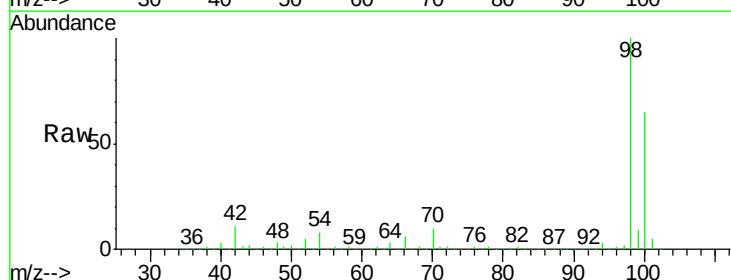
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

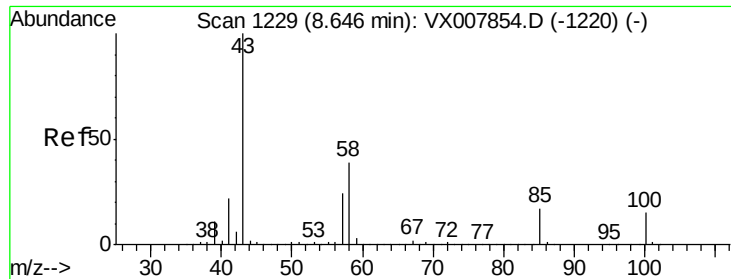
Tgt Ion: 88 Resp: 72660
 Ion Ratio Lower Upper
 88 100
 43 31.4 25.1 37.7
 58 72.2 57.8 86.6



#50
 Toluene-d8
 Concen: 51.745 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 98 Resp: 521186
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 251.270 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

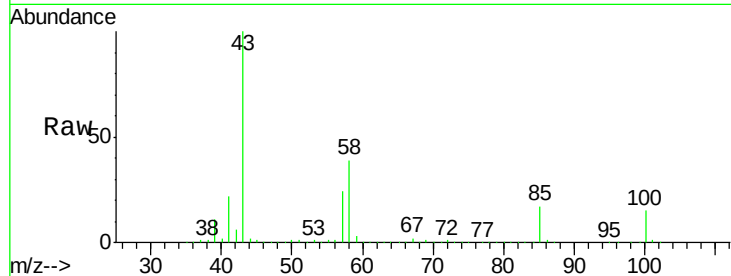
VSTDICCC050

Tgt Ion: 43 Resp: 1101784

Ion Ratio Lower Upper

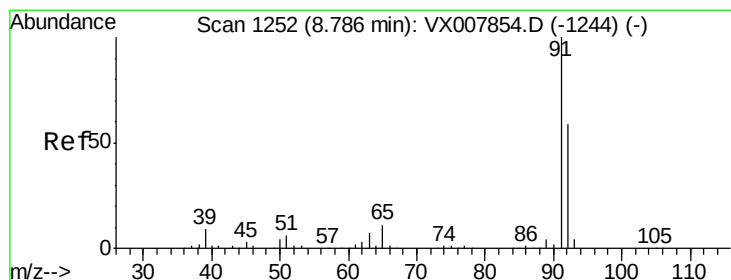
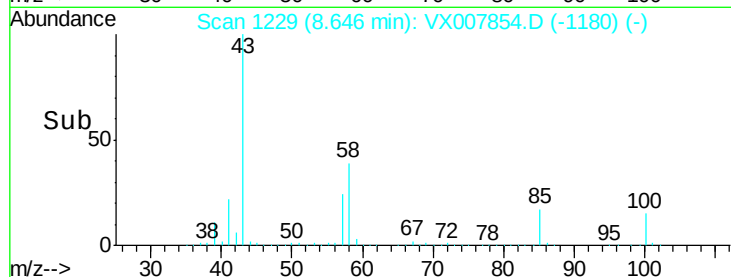
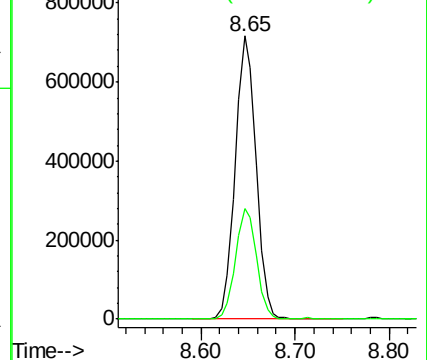
43 100

58 39.1 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.303 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007854.D

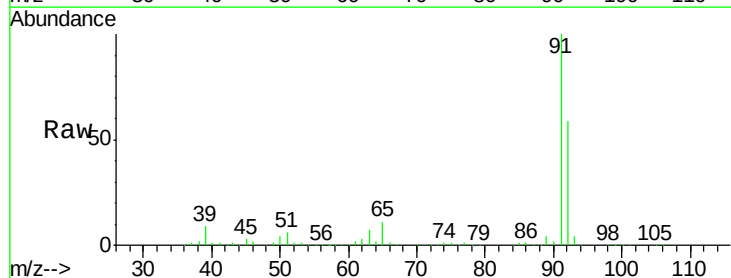
Acq: 06 Mar 2019 11:00

Tgt Ion: 92 Resp: 354950

Ion Ratio Lower Upper

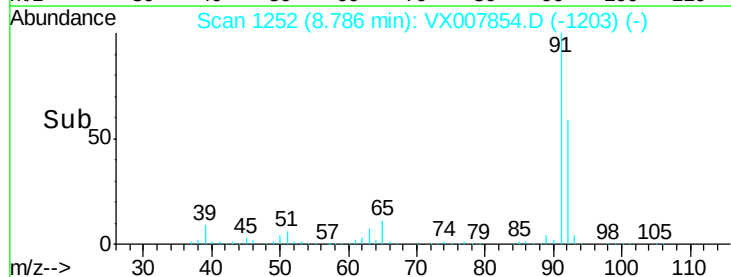
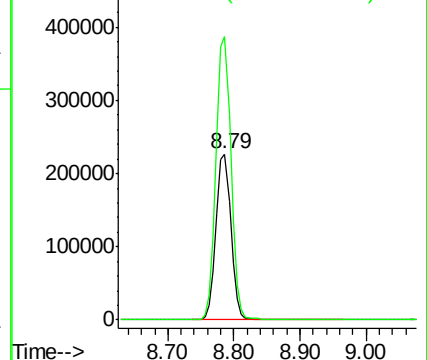
92 100

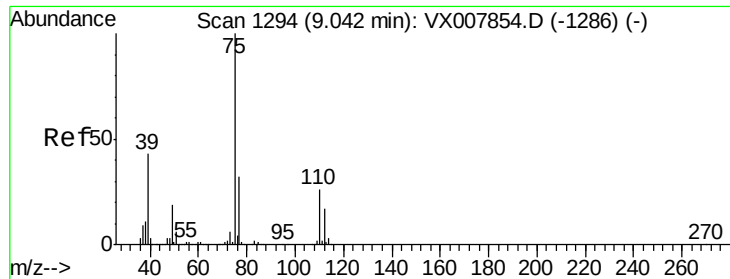
91 171.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.172 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

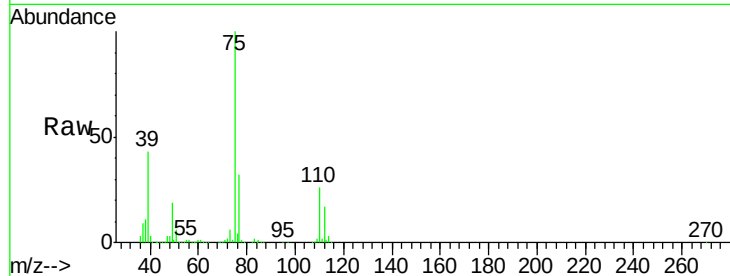
VSTDICCC050

Tgt Ion: 75 Resp: 203273

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

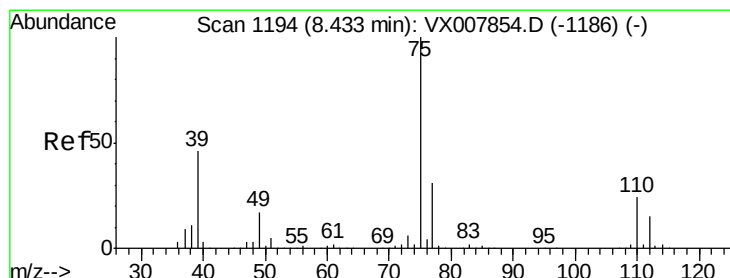
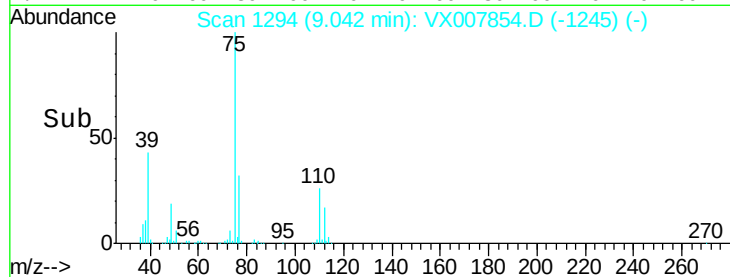
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.776 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

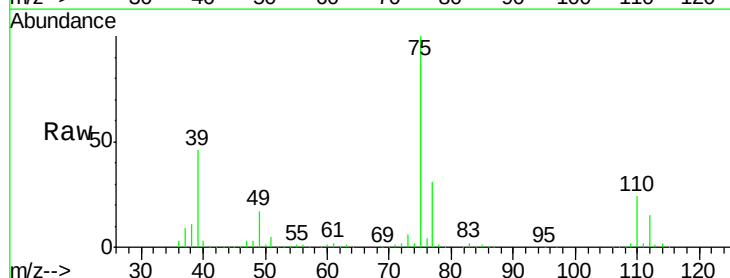
Tgt Ion: 75 Resp: 227835

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 45.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

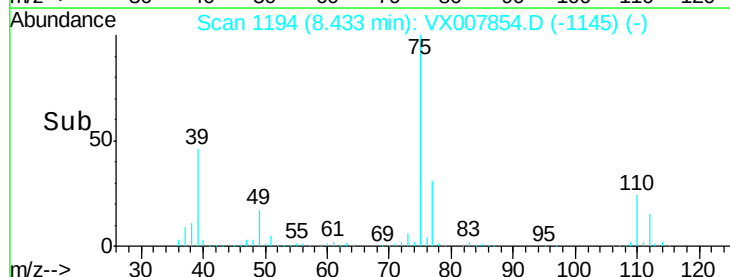
150000

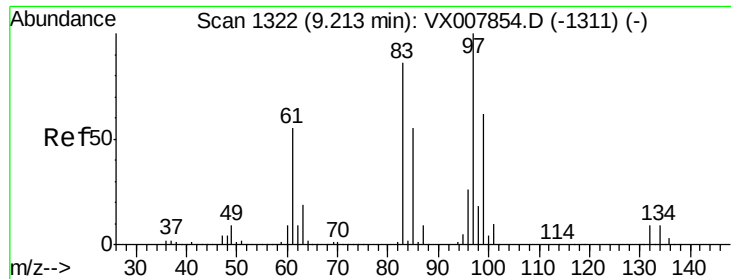
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.506 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 144269

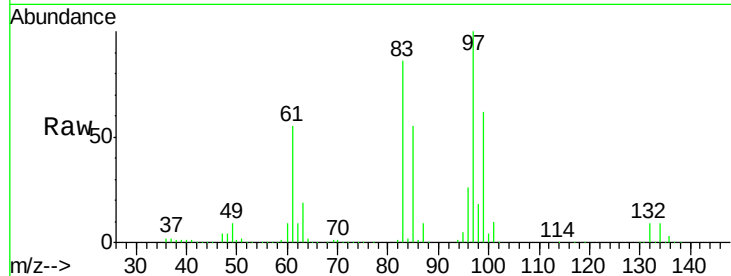
Ion Ratio Lower Upper

97 100

83 86.4 69.1 103.7

85 55.4 44.3 66.5

99 62.3 49.8 74.8

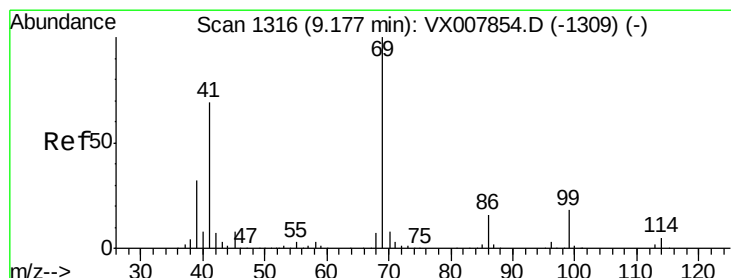
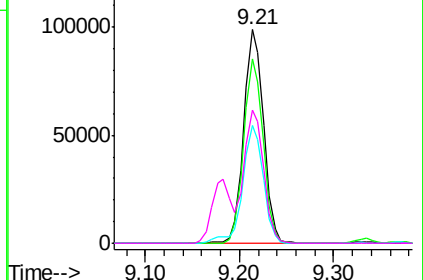
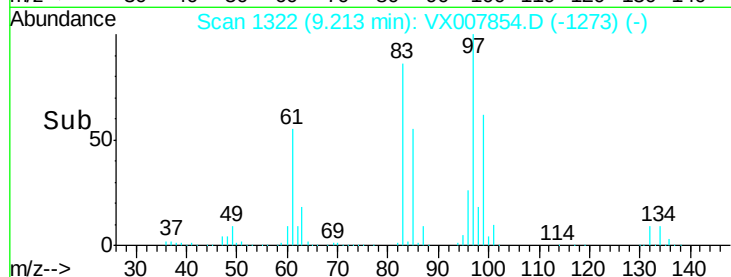


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.955 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

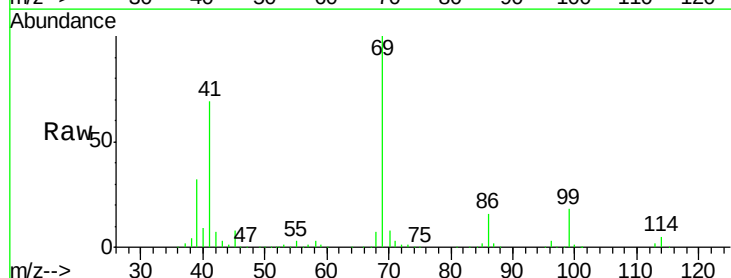
Tgt Ion: 69 Resp: 222824

Ion Ratio Lower Upper

69 100

41 67.8 54.2 81.4

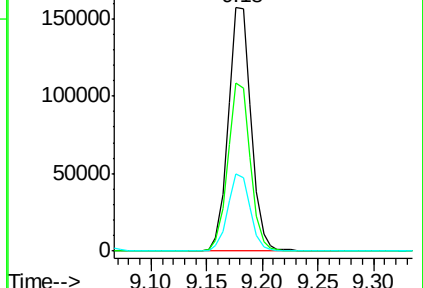
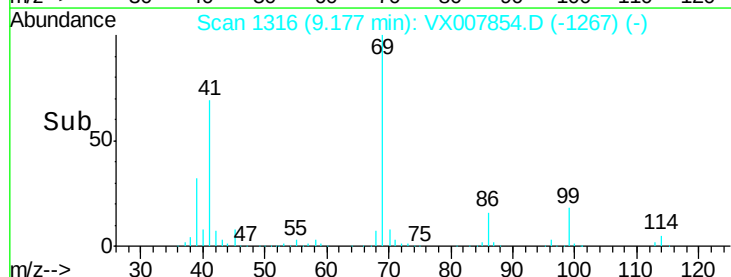
39 31.2 25.0 37.4

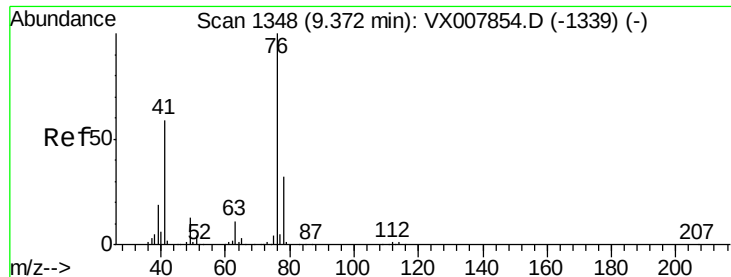


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

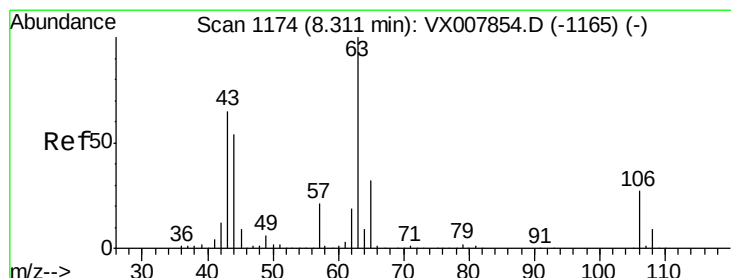
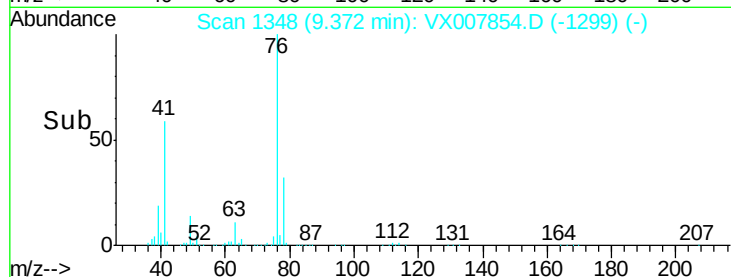
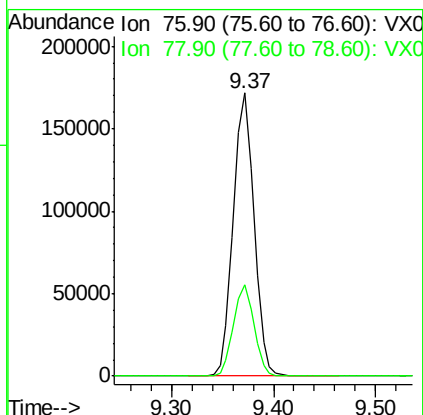
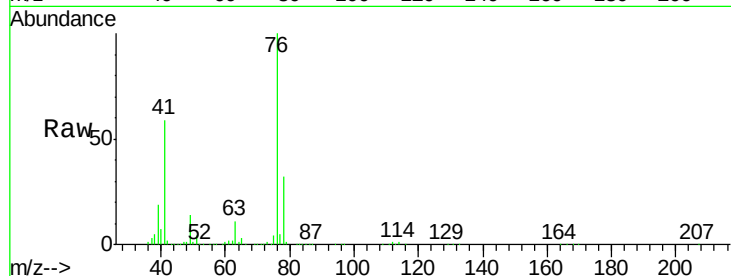




#57
 1,3-Dichloropropane
 Concen: 50.316 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

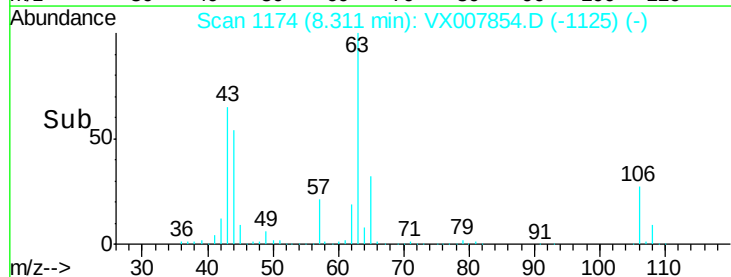
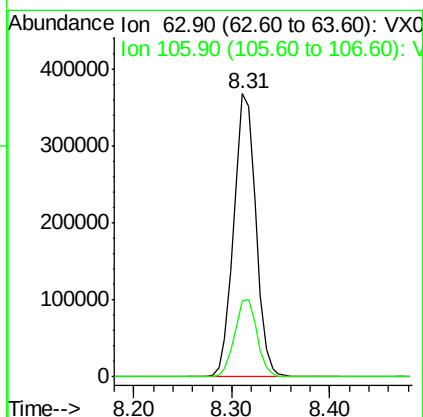
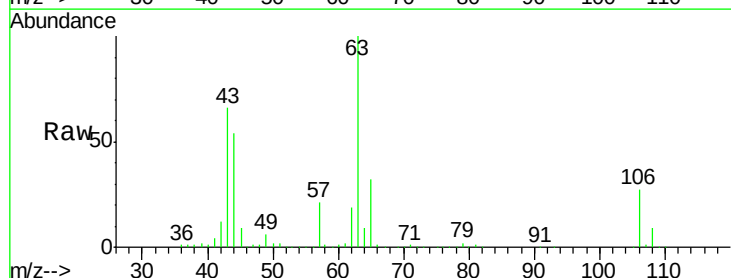
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

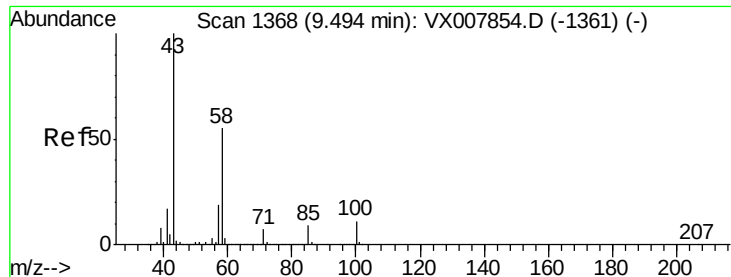
Tgt Ion: 76 Resp: 241323
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.579 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 63 Resp: 575877
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.2

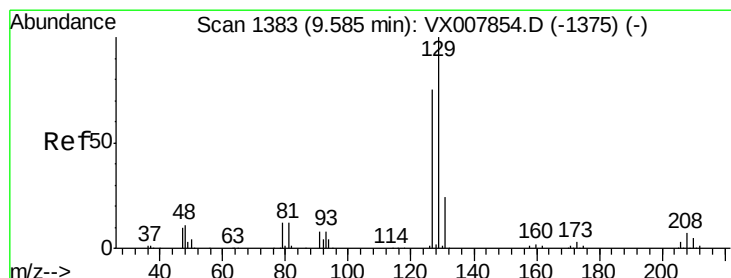
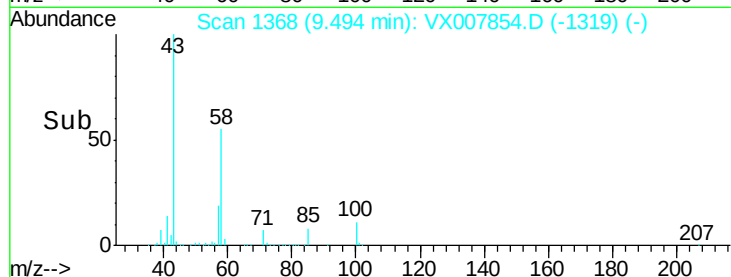
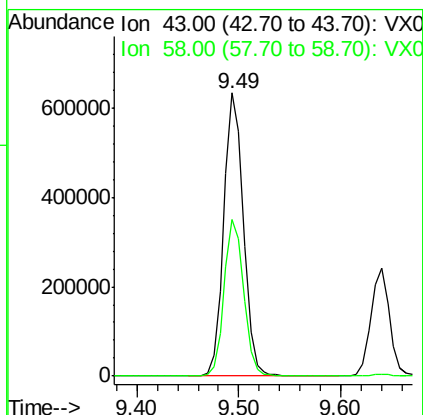
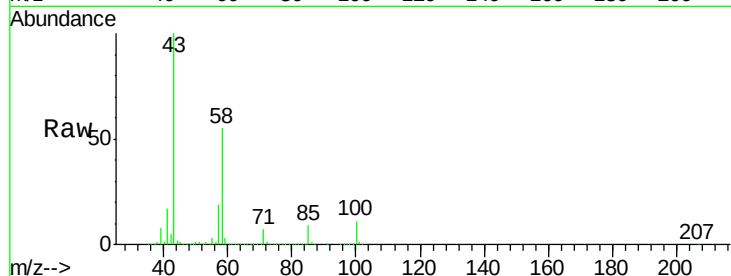




#59
2-Hexanone
Concen: 248.909 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

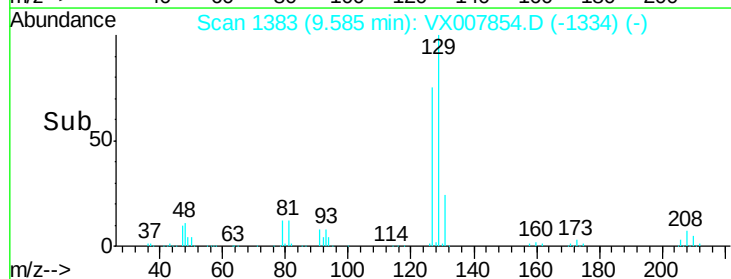
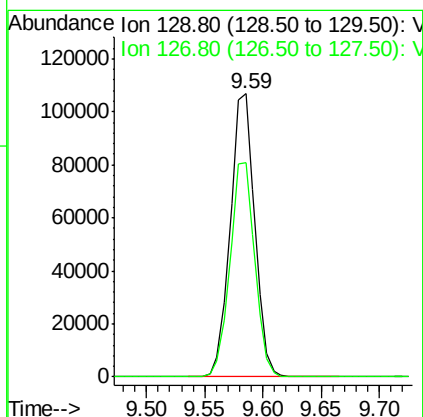
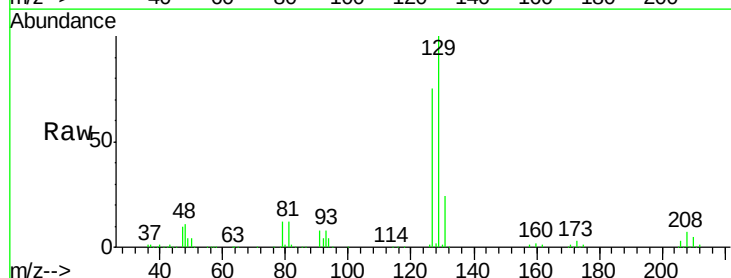
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

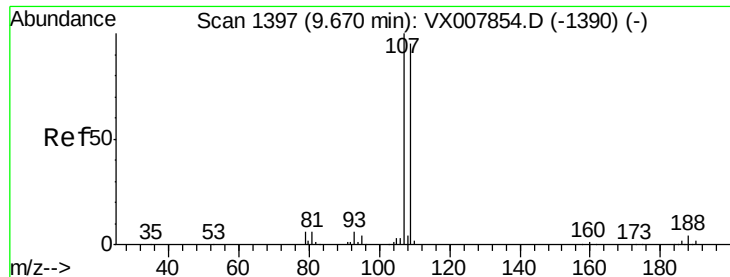
Tgt Ion: 43 Resp: 847363
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7



#60
Dibromochloromethane
Concen: 52.431 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 129 Resp: 156542
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.980 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

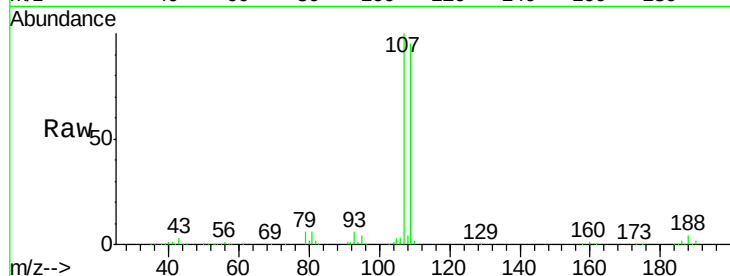
VSTDICCC050

Tgt Ion: 107 Resp: 151577

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

60000

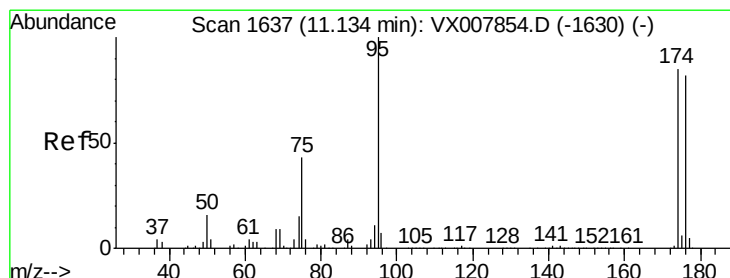
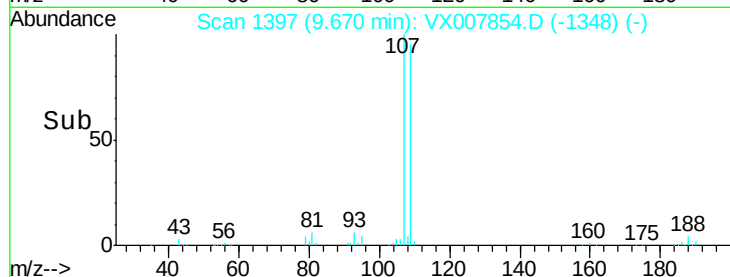
40000

20000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 51.361 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

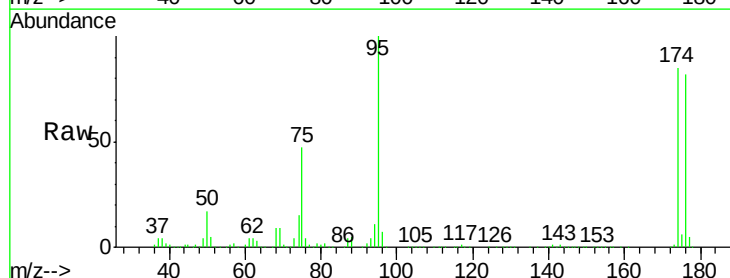
Tgt Ion: 95 Resp: 181374

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

176 89.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

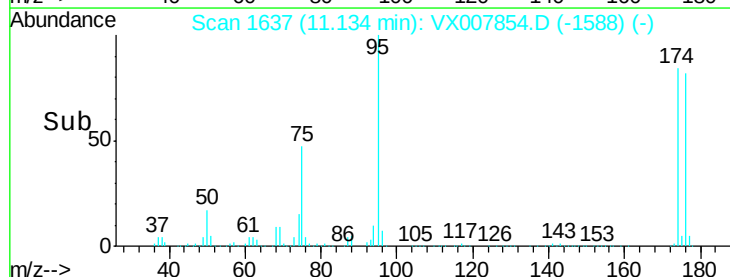
100000

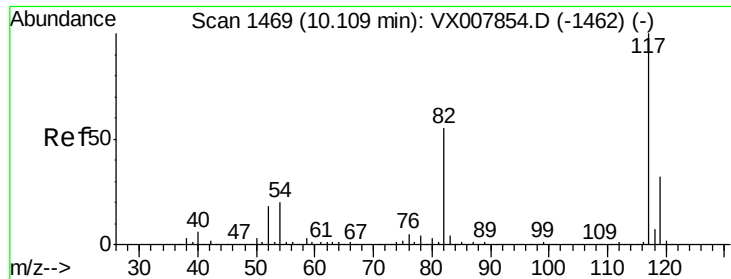
50000

0

Time-->

11.10 11.20

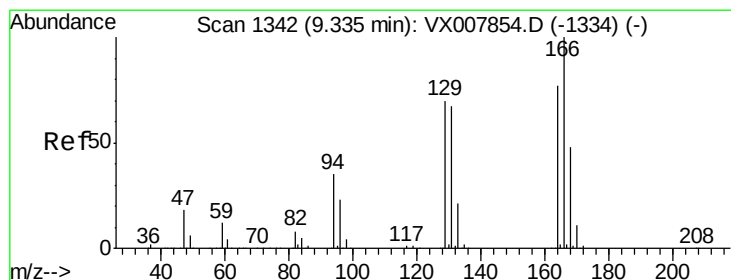
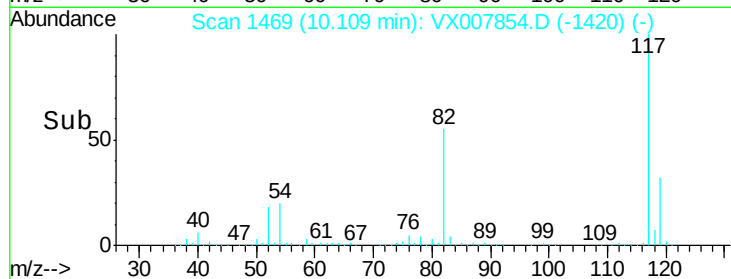
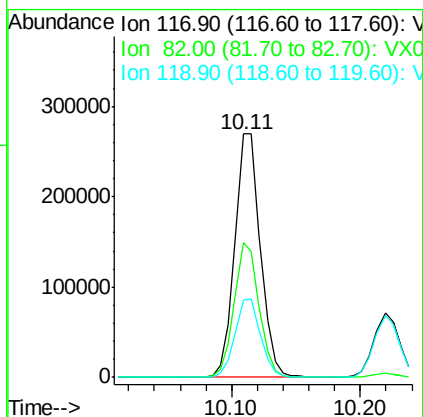
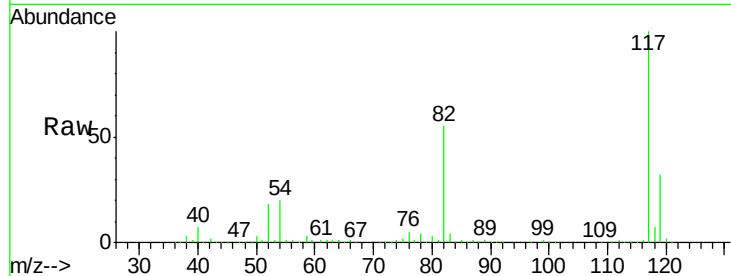




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

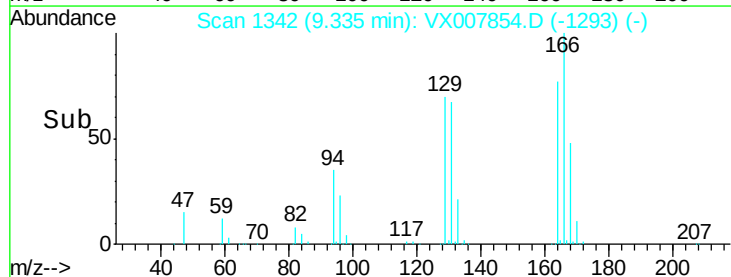
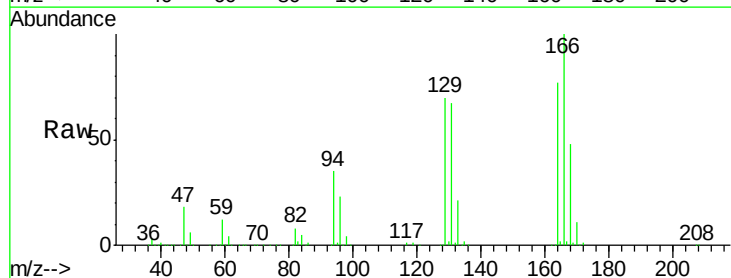
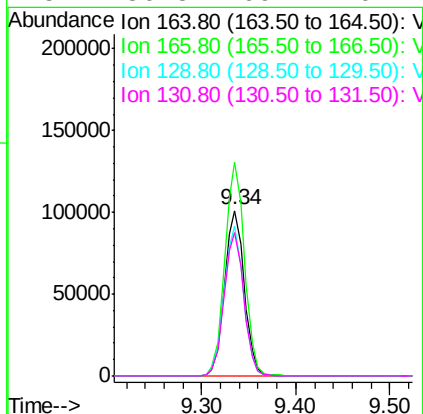
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

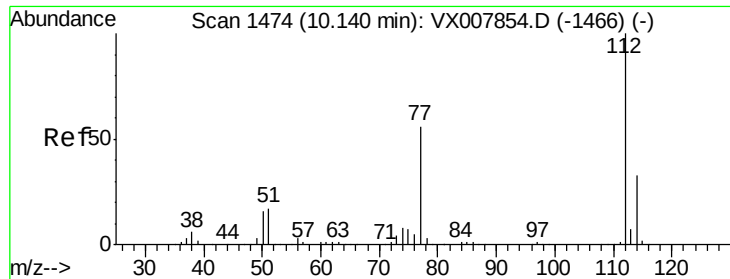
Tgt Ion:117 Resp: 373696
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 47.487 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion:164 Resp: 147056
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 90.3 72.2 108.4
131 86.8 69.4 104.2

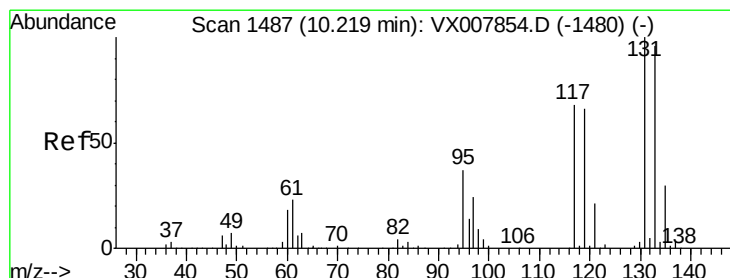
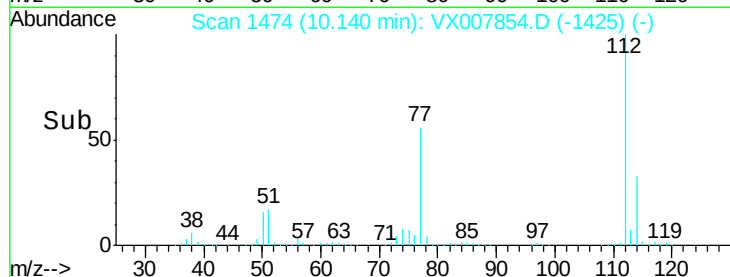
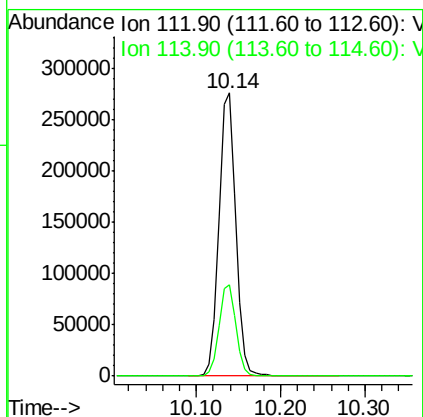
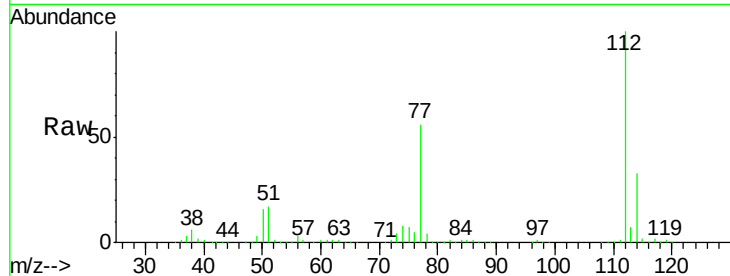




#65
Chlorobenzene
Concen: 49.099 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

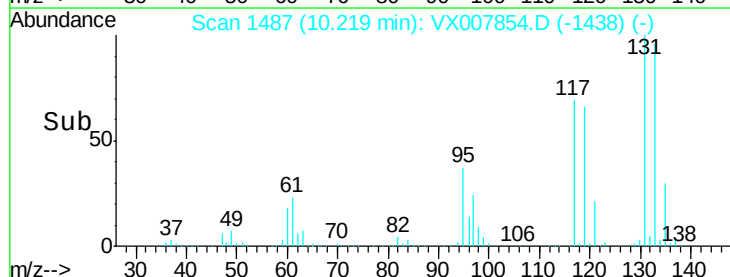
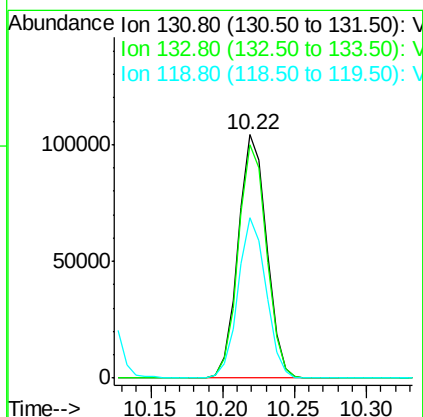
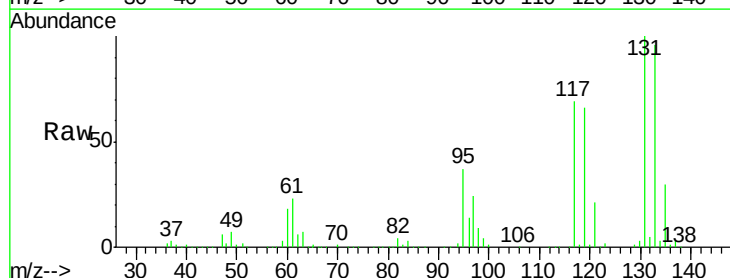
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

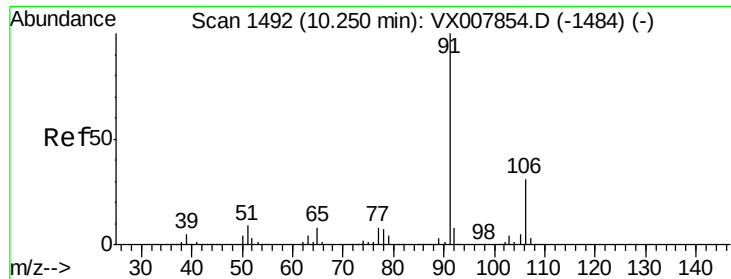
Tgt Ion:112 Resp: 383951
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.988 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion:131 Resp: 142902
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 65.0 32.5 97.5

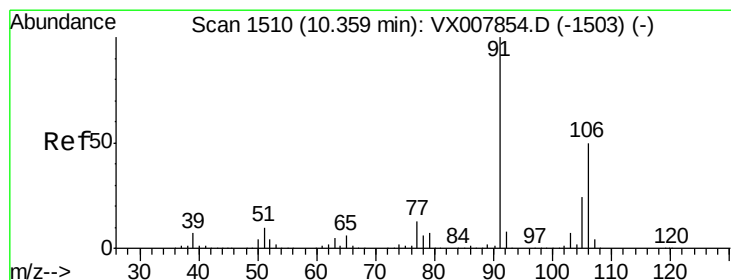
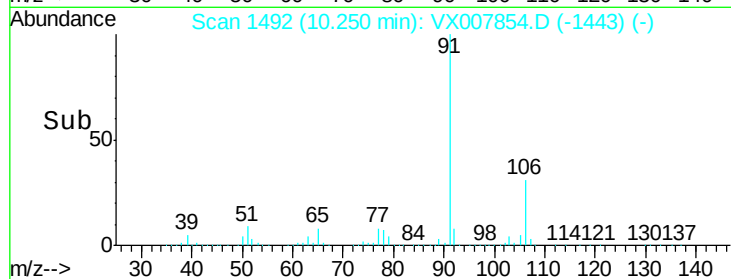
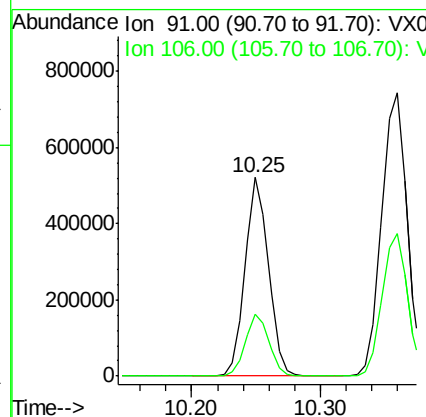
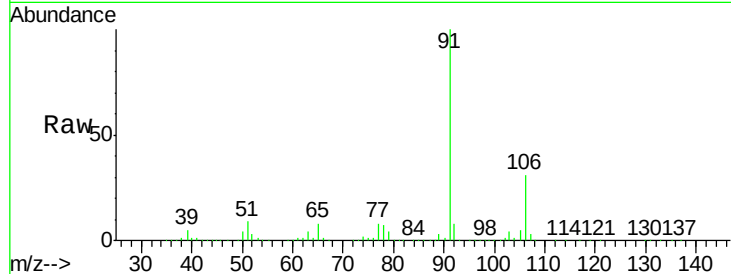




#67
Ethyl Benzene
Concen: 51.076 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

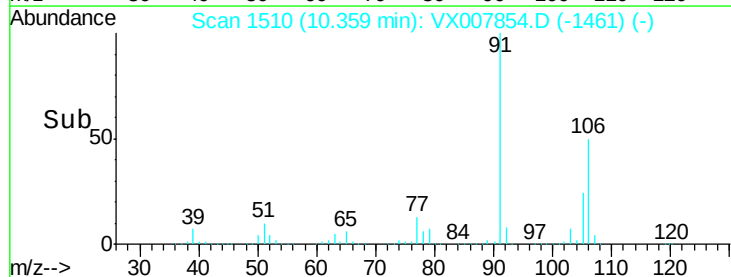
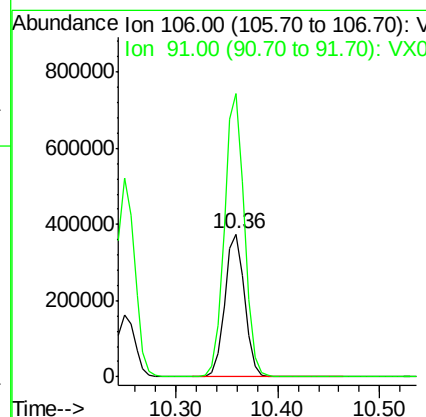
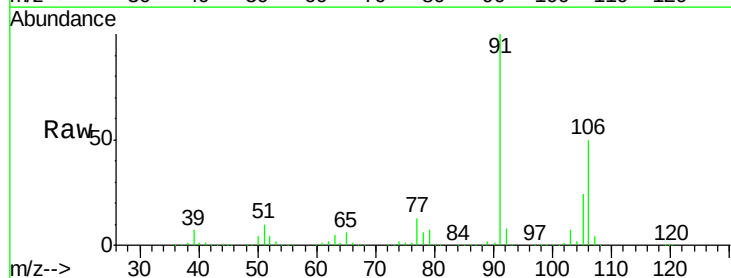
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

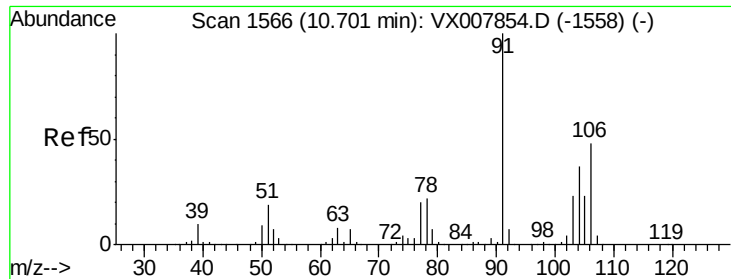
Tgt Ion: 91 Resp: 657469
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 102.148 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 106 Resp: 506822
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.6

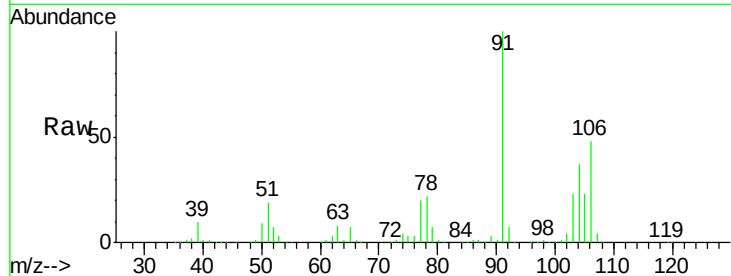




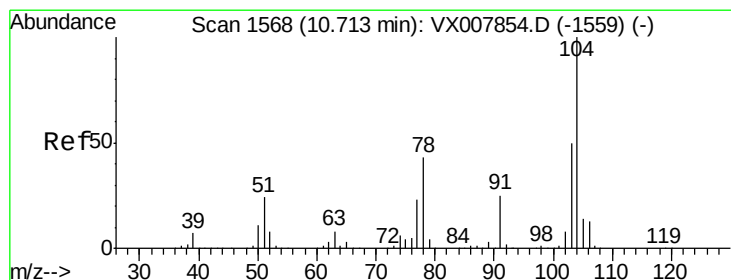
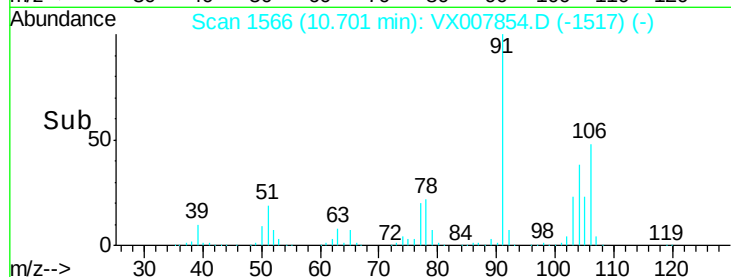
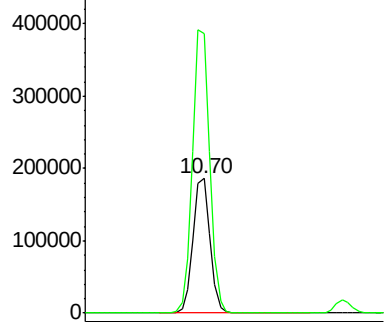
#69
o-Xylene
Concen: 51.038 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 244481
Ion Ratio Lower Upper
106 100
91 212.6 106.3 318.9

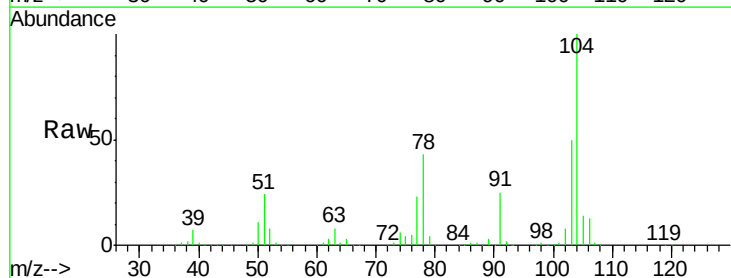


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

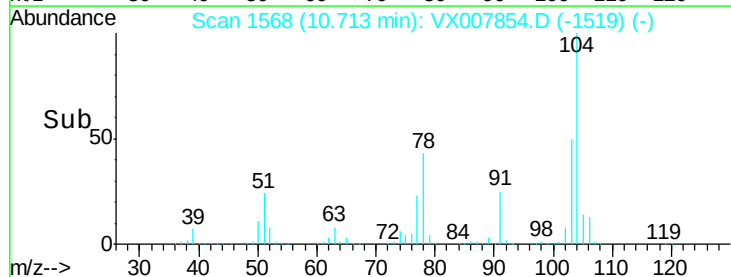
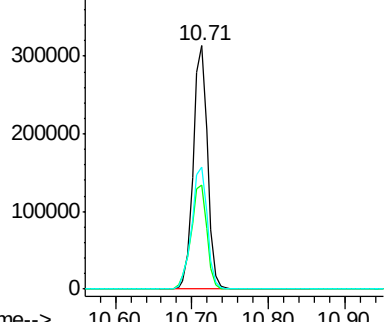


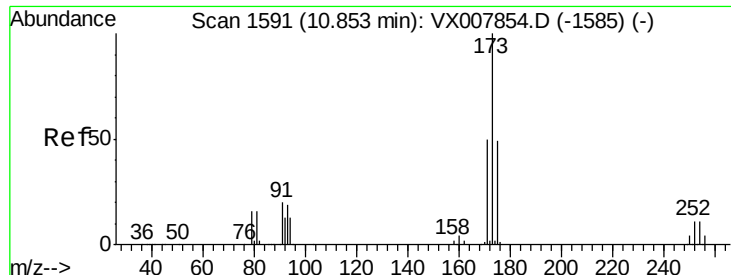
#70
Styrene
Concen: 51.495 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion:104 Resp: 403646
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 51.694 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

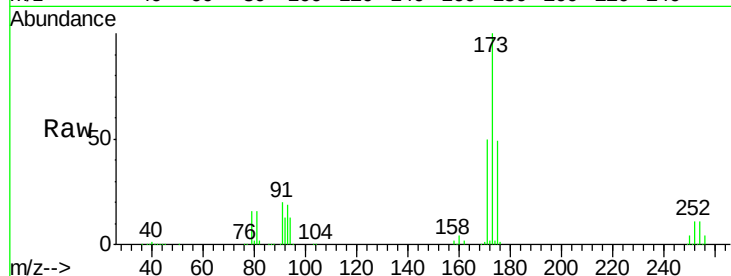
Tgt Ion:173 Resp: 124419

Ion Ratio Lower Upper

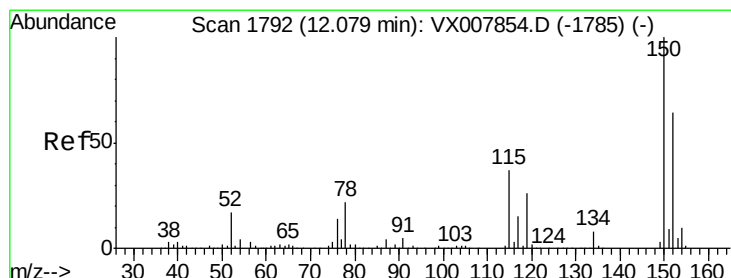
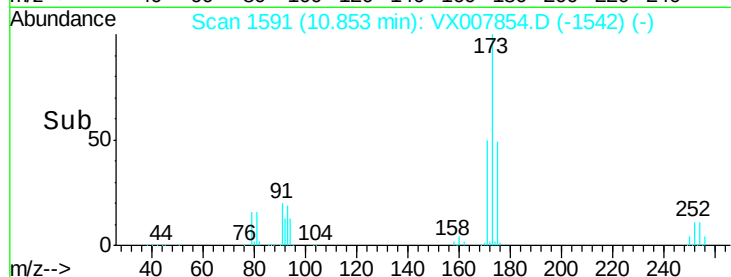
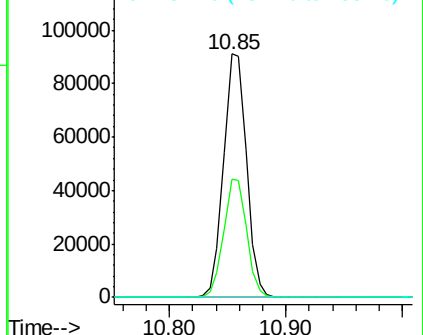
173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

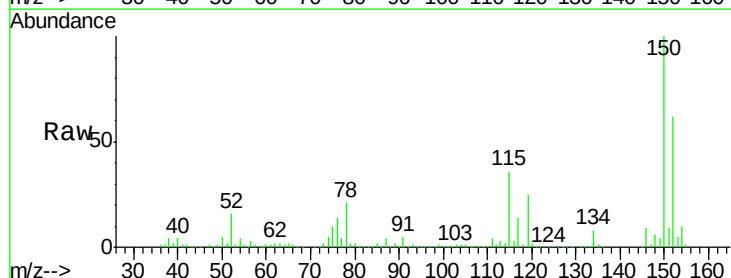
Tgt Ion:152 Resp: 187741

Ion Ratio Lower Upper

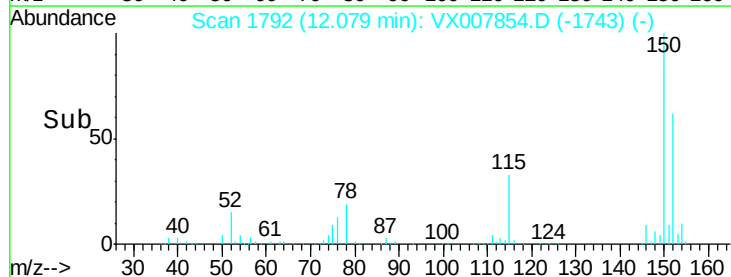
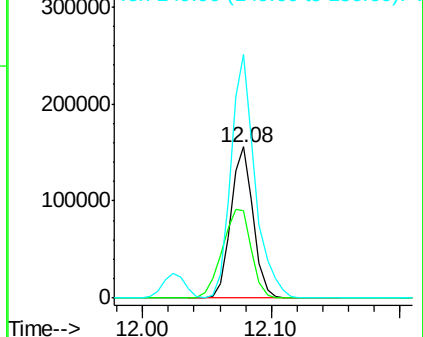
152 100

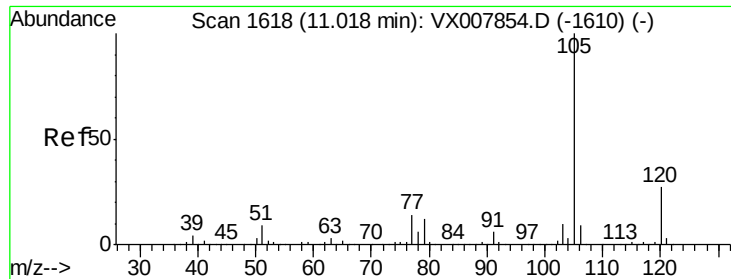
115 77.1 38.6 115.7

150 174.2 0.0 348.4



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: 51.633 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

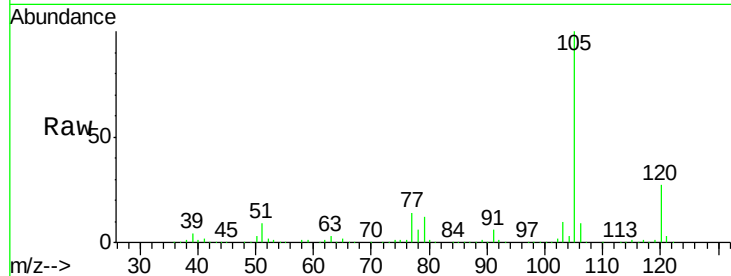
VSTDICCC050

Tgt Ion: 105 Resp: 655589

Ion Ratio Lower Upper

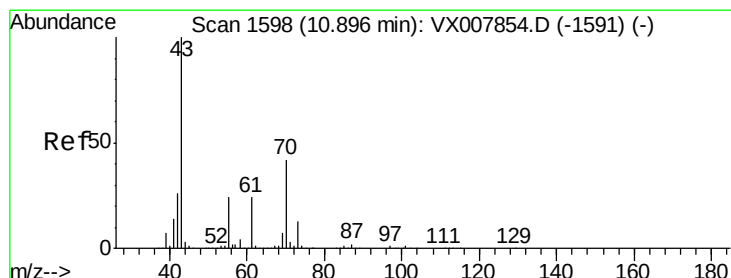
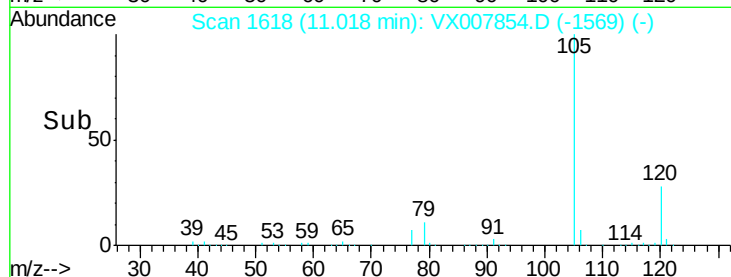
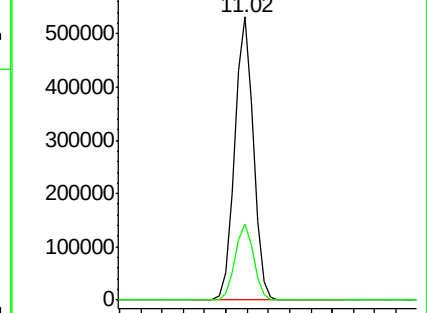
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.404 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Tgt Ion: 43 Resp: 297967

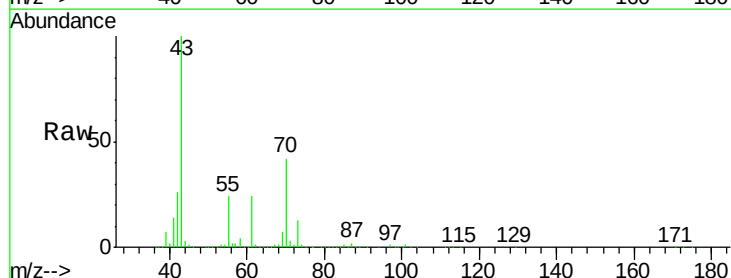
Ion Ratio Lower Upper

43 100

70 41.9 33.5 50.3

55 24.0 19.2 28.8

61 23.8 19.0 28.6

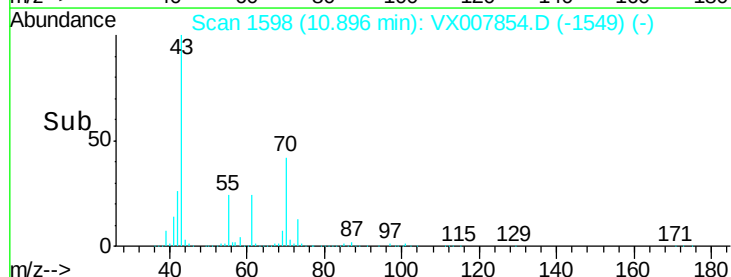
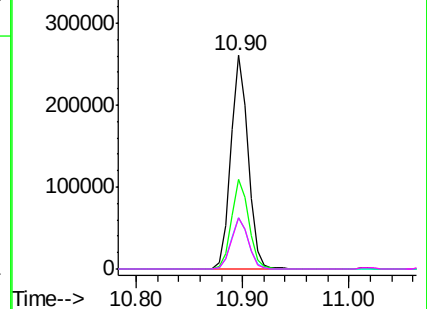


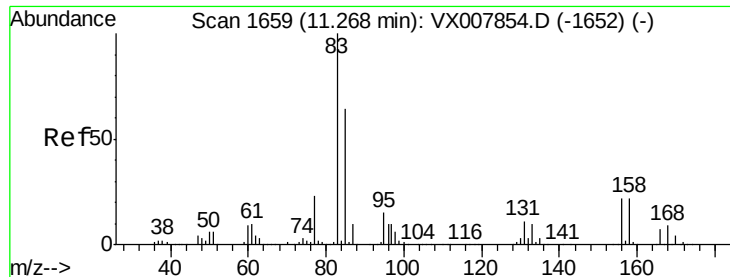
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.238 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

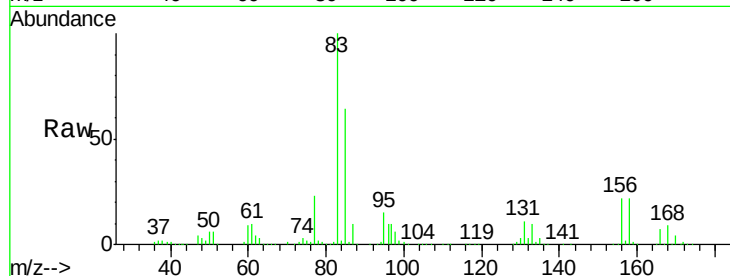
Tgt Ion: 83 Resp: 211270

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

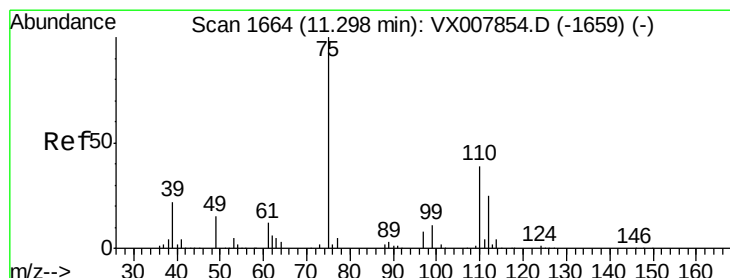
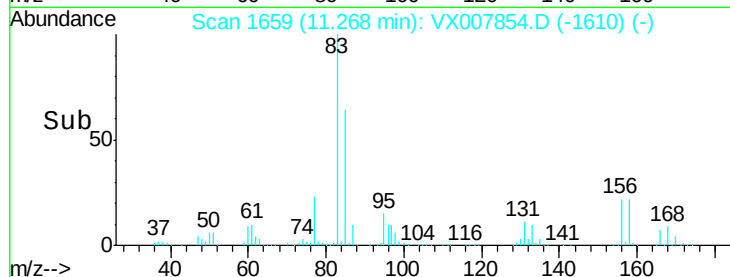
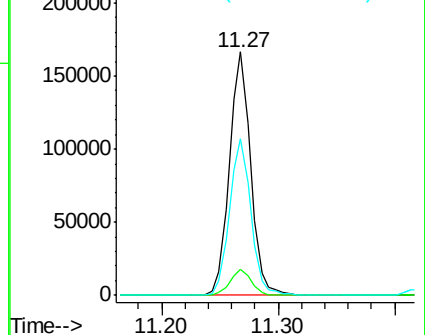
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.150 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007854.D

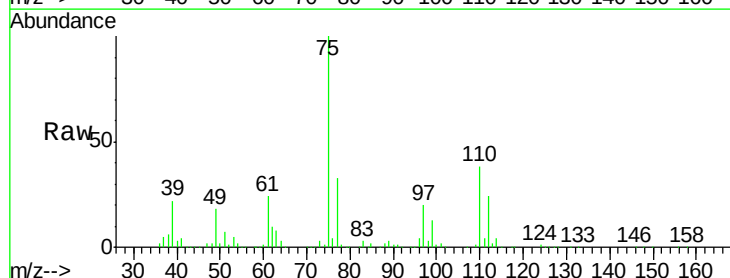
Acq: 06 Mar 2019 11:00

Tgt Ion: 75 Resp: 250852

Ion Ratio Lower Upper

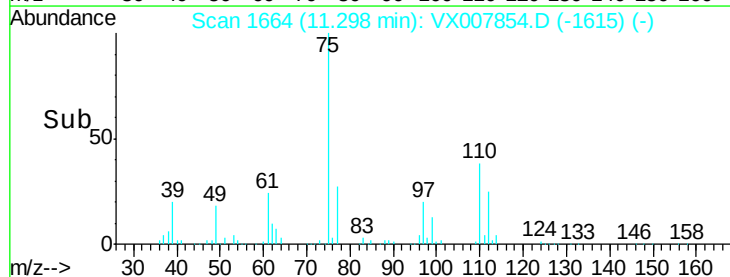
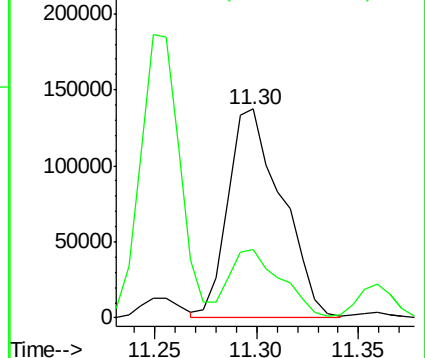
75 100

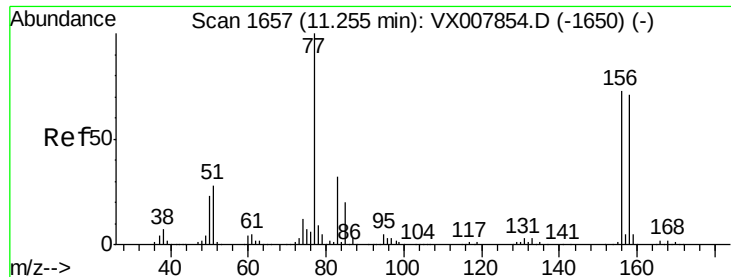
77 30.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.334 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

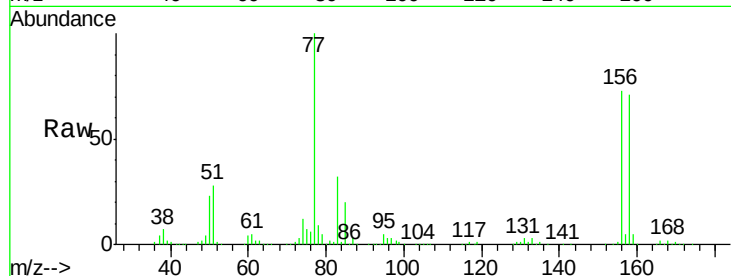
Tgt Ion:156 Resp: 171740

Ion Ratio Lower Upper

156 100

77 143.9 72.0 215.9

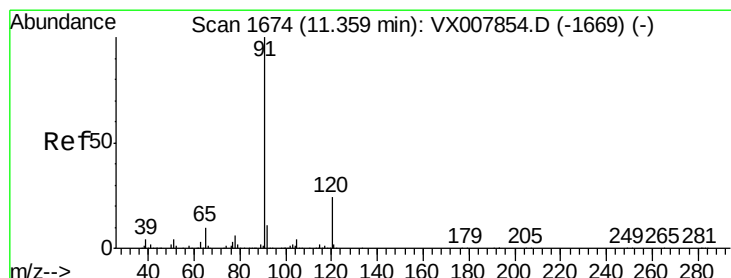
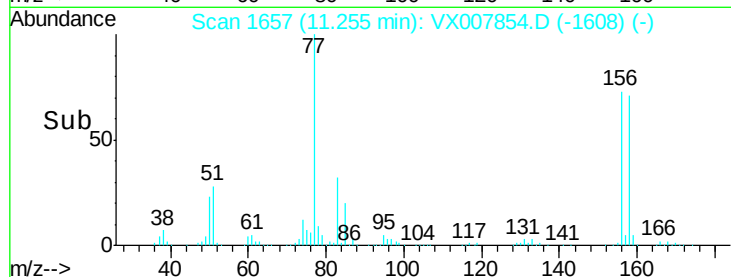
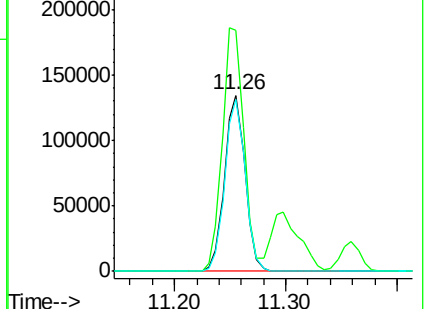
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007854.D

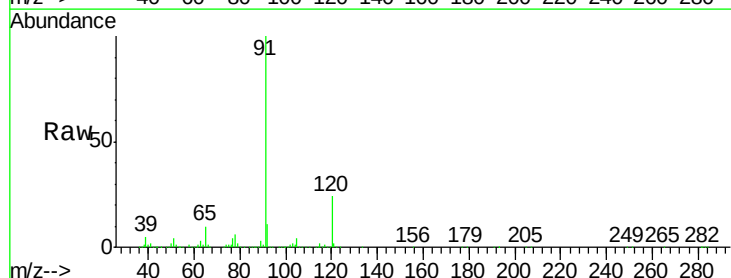
Acq: 06 Mar 2019 11:00

Tgt Ion: 91 Resp: 731682

Ion Ratio Lower Upper

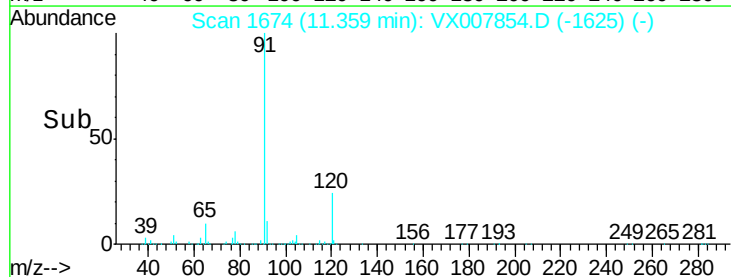
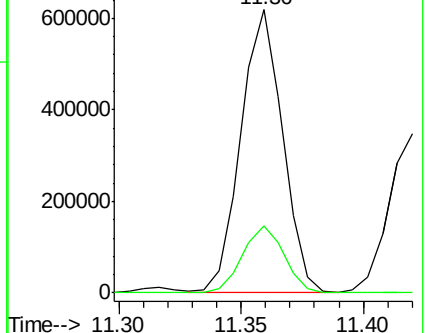
91 100

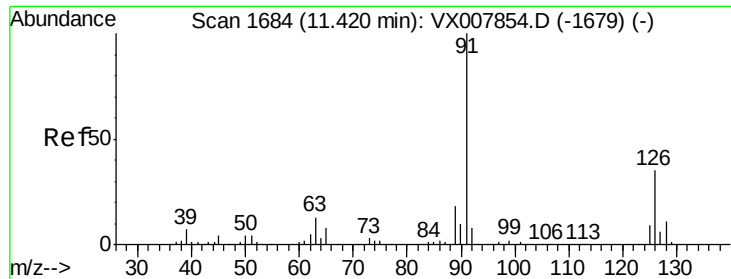
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

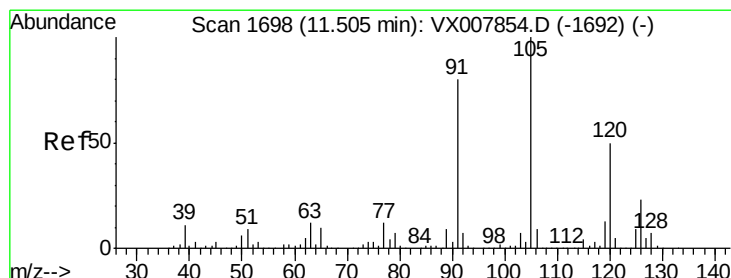
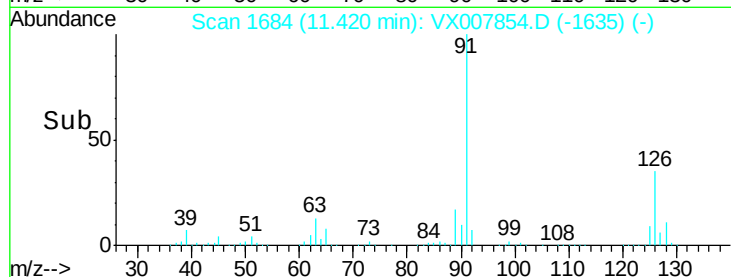
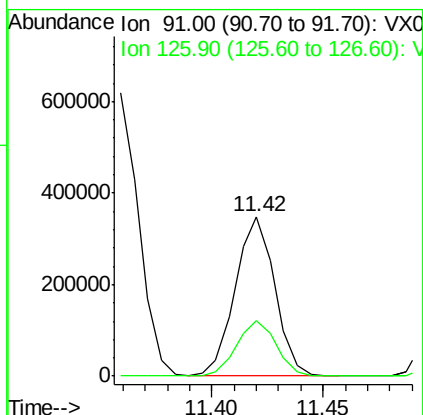
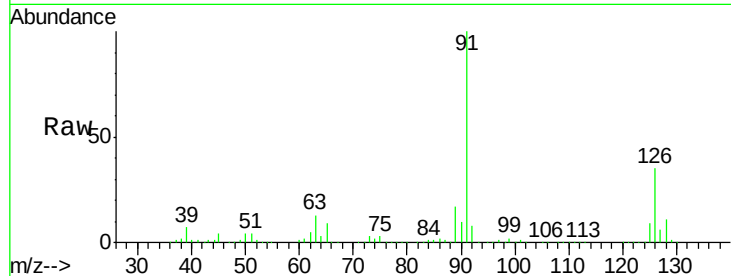




#79
 2-Chlorotoluene
 Concen: 50.016 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

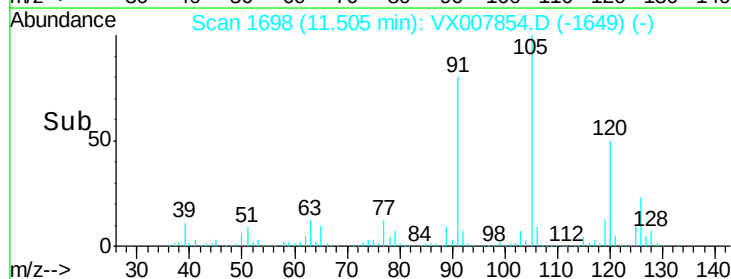
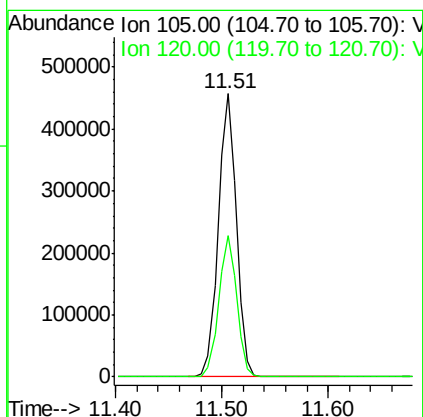
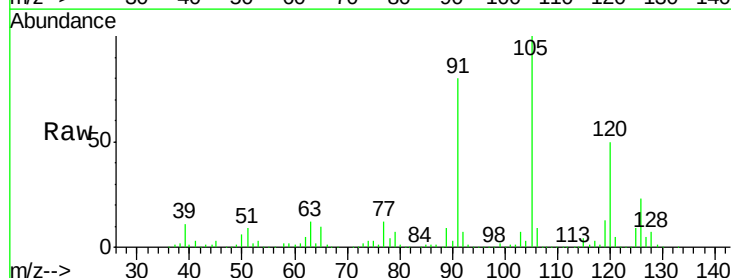
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

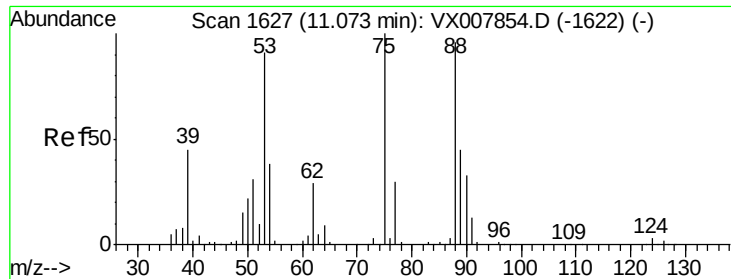
Tgt Ion: 91 Resp: 430770
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.494 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 105 Resp: 538136
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.346 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

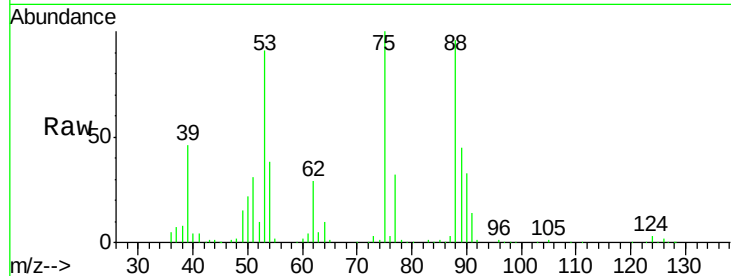
Tgt Ion: 75 Resp: 65747

Ion Ratio Lower Upper

75 100

53 95.1 76.1 114.1

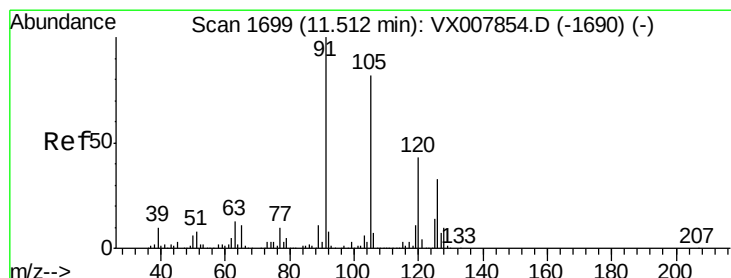
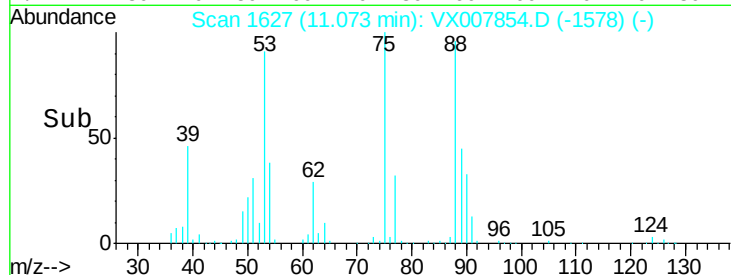
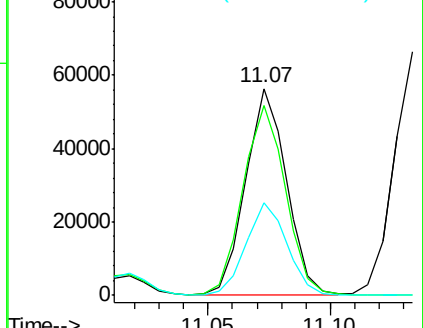
89 45.4 36.3 54.5



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: 50.540 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007854.D

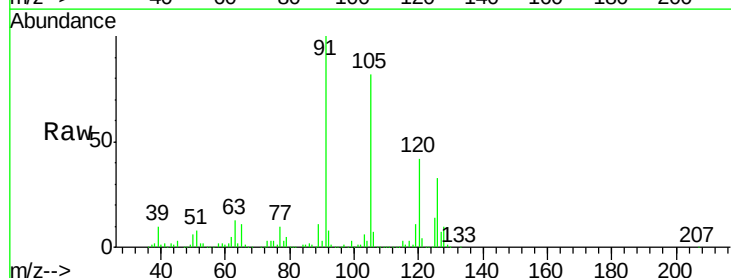
Acq: 06 Mar 2019 11:00

Tgt Ion: 91 Resp: 498824

Ion Ratio Lower Upper

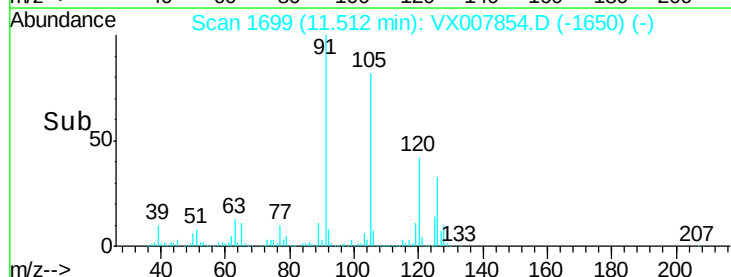
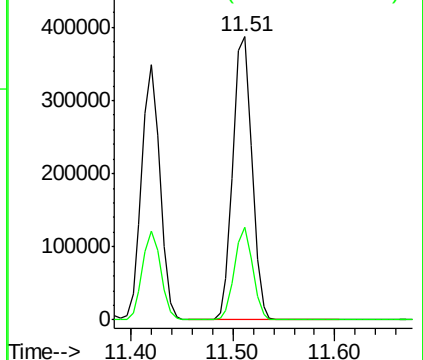
91 100

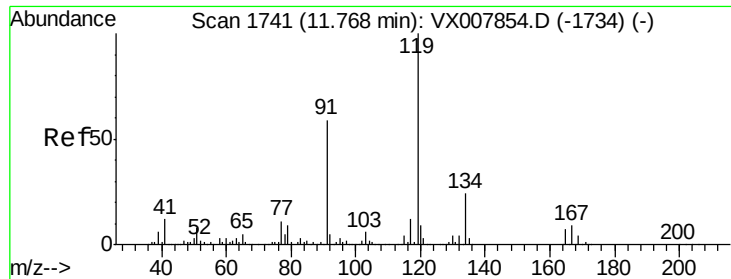
126 31.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

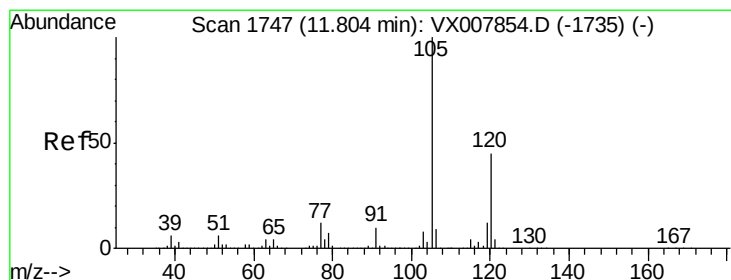
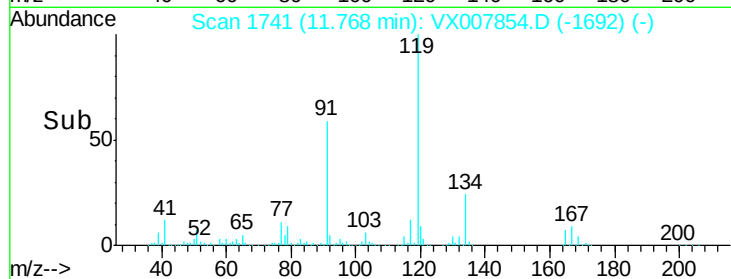
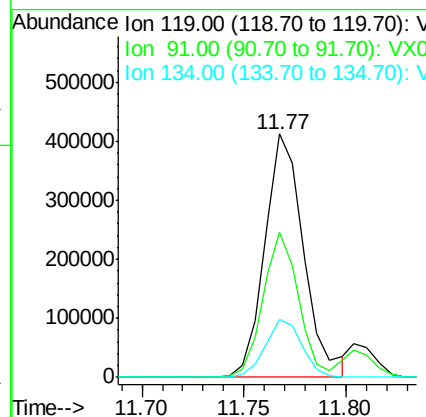
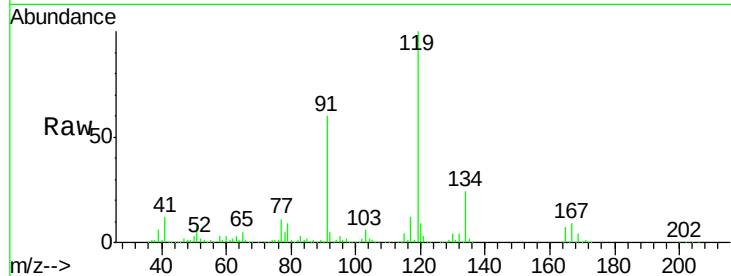




#83
 tert-Butylbenzene
 Concen: 52.045 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

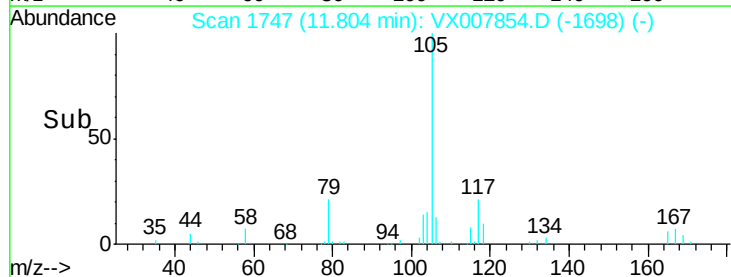
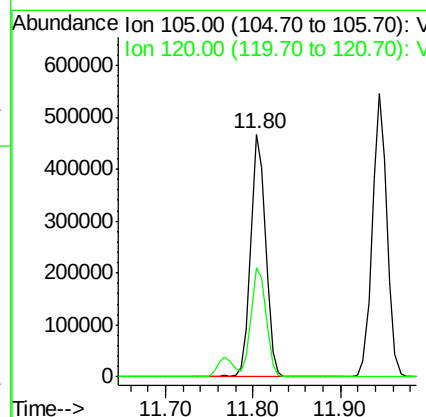
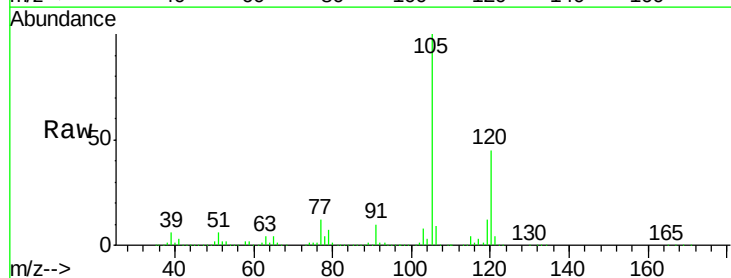
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

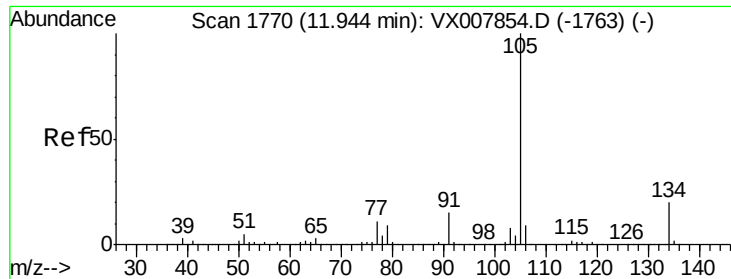
Tgt Ion:119 Resp: 547859
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.1 81.3
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.626 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion:105 Resp: 553074
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.927 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

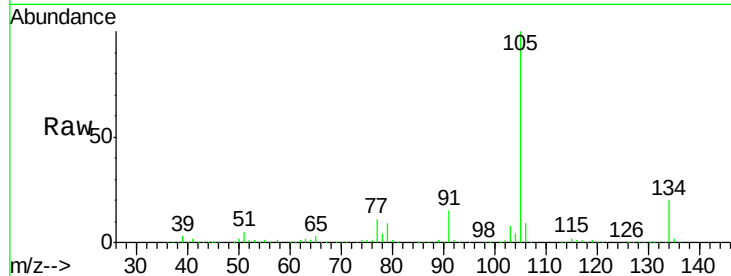
VSTDICCC050

Tgt Ion:105 Resp: 643791

Ion Ratio Lower Upper

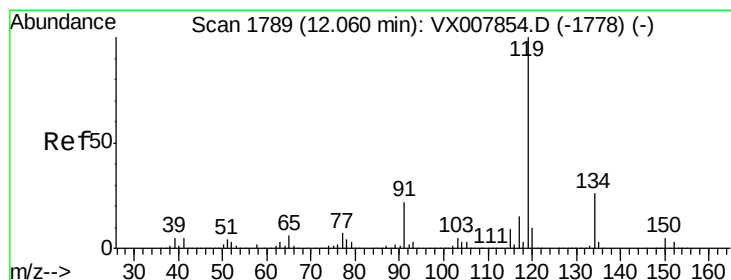
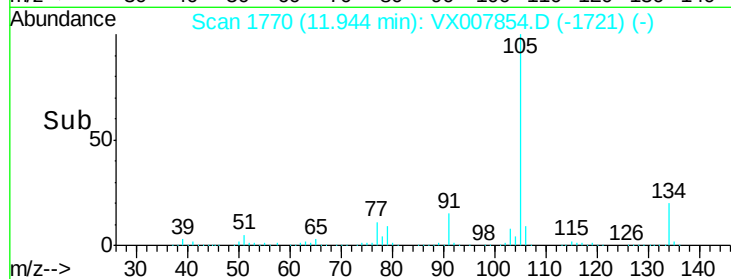
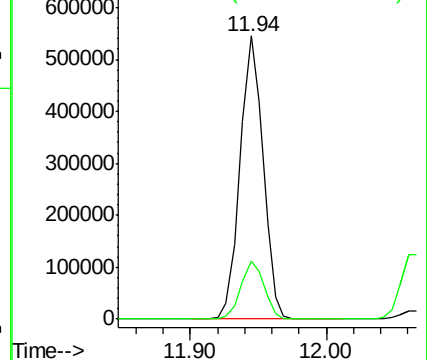
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.383 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007854.D

Acq: 06 Mar 2019 11:00

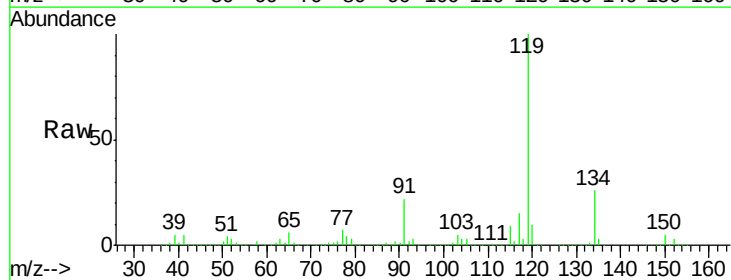
Tgt Ion:119 Resp: 581616

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

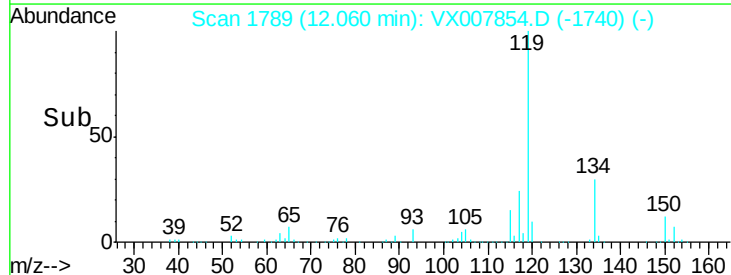
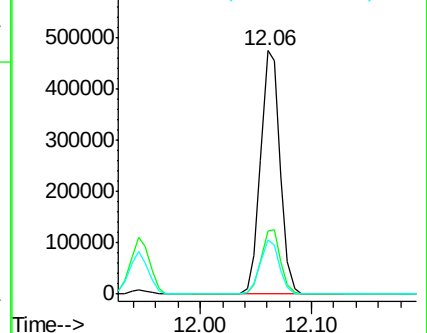
91 21.8 10.9 32.7

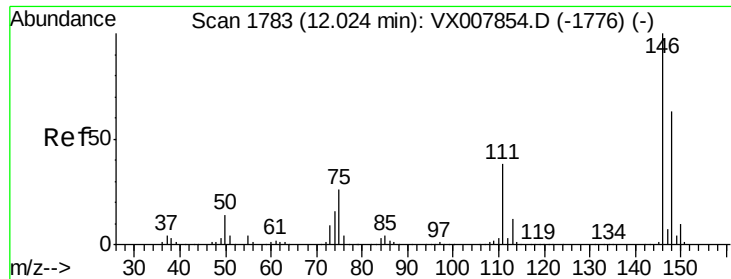


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

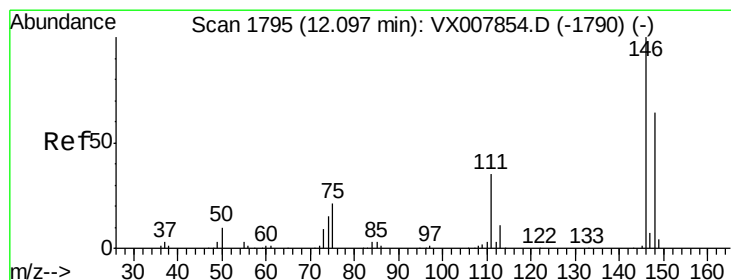
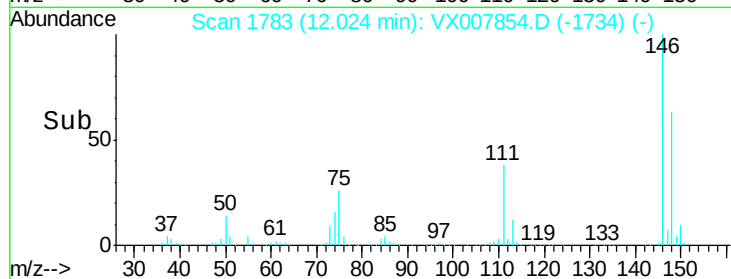
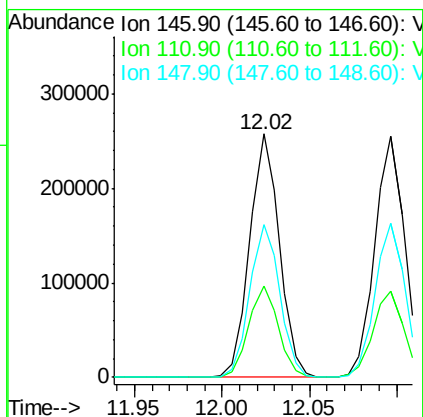
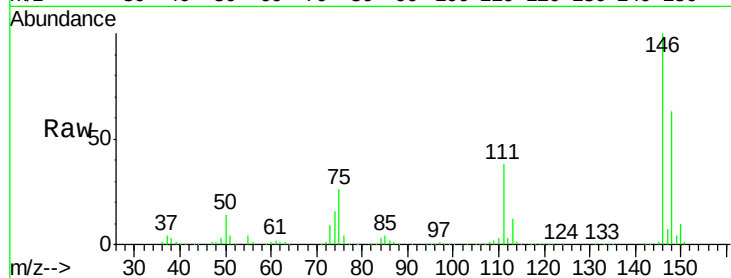




#87
 1,3-Dichlorobenzene
 Concen: 49.484 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

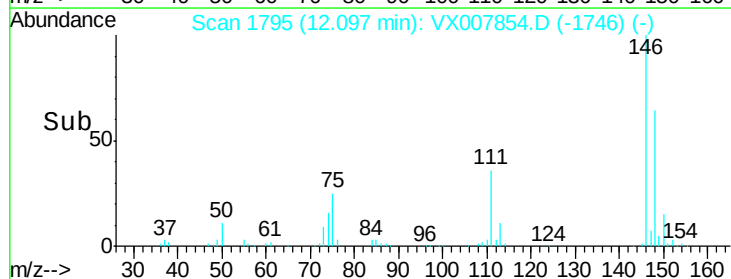
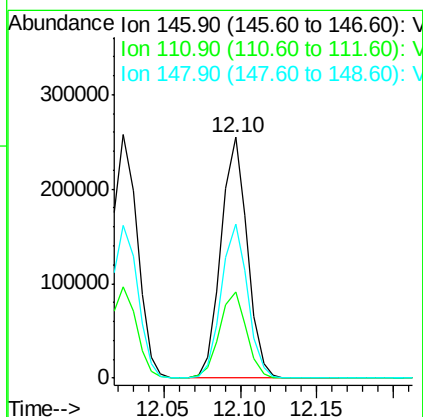
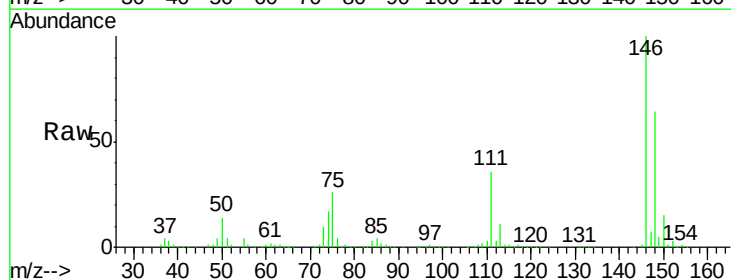
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

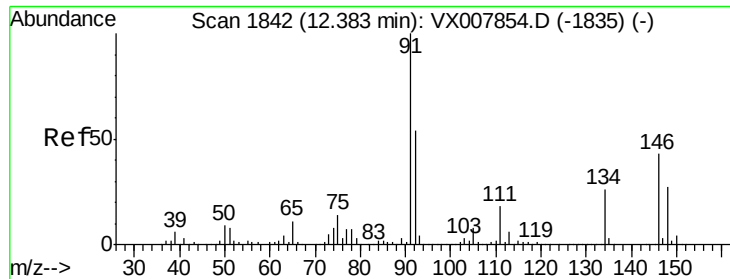
Tgt Ion:146 Resp: 304755
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.014 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion:146 Resp: 303062
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 64.4 32.2 96.6

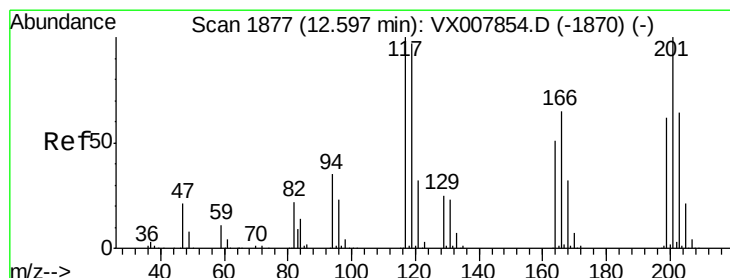
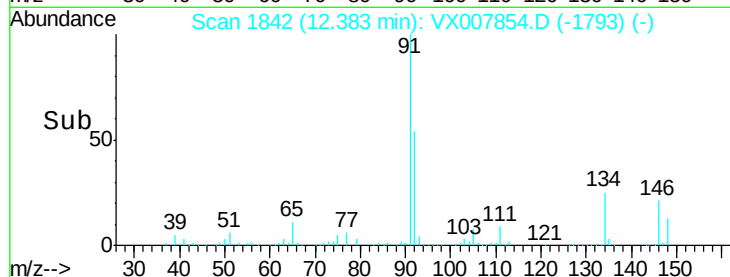
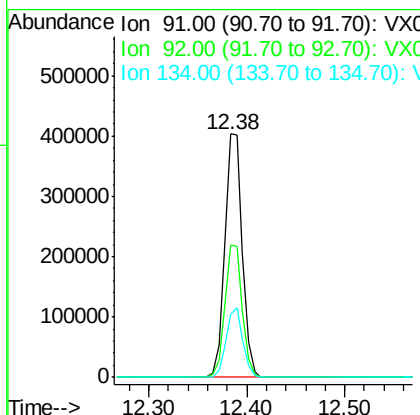
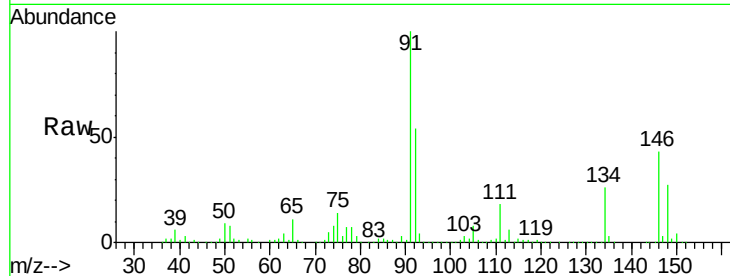




#89
n-Butylbenzene
Concen: 52.704 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

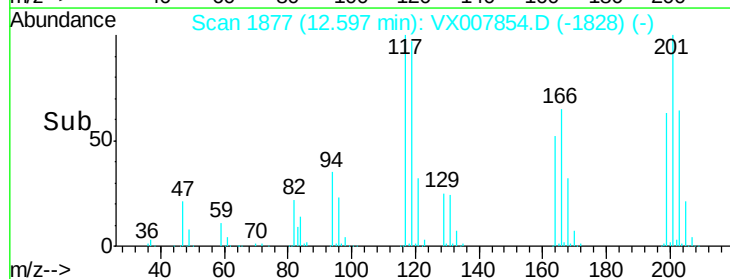
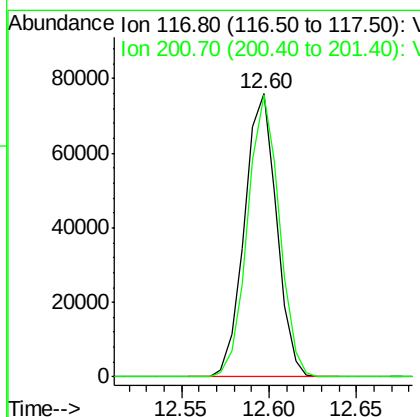
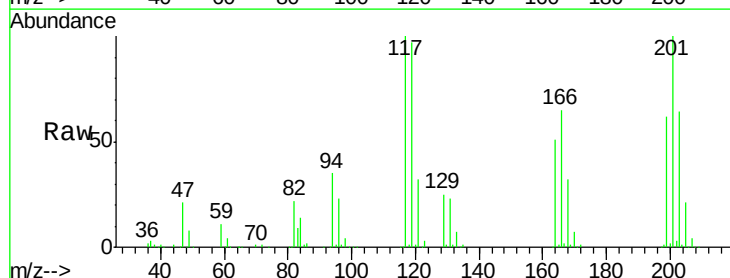
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

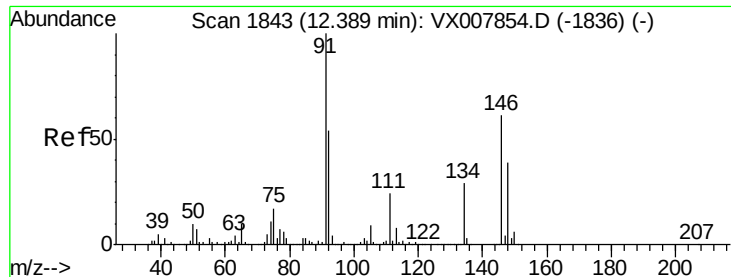
Tgt Ion: 91 Resp: 495778
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 52.360 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion: 117 Resp: 97202
Ion Ratio Lower Upper
117 100
201 97.8 48.9 146.7

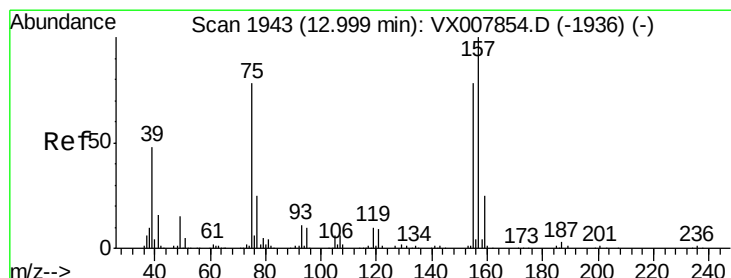
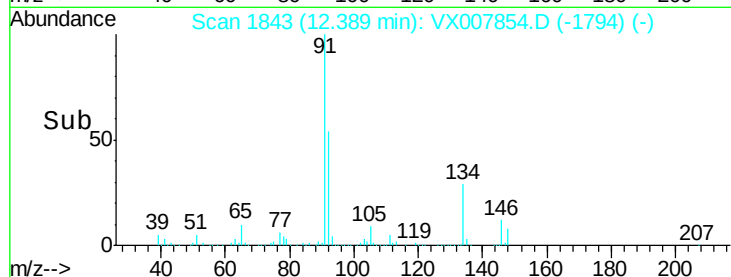
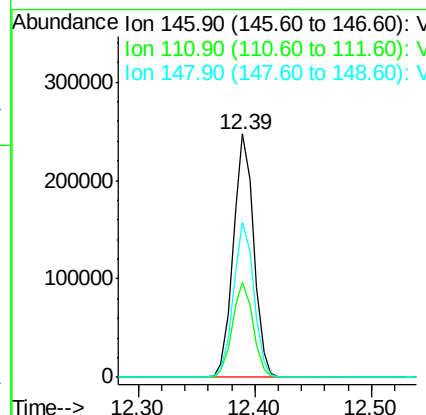
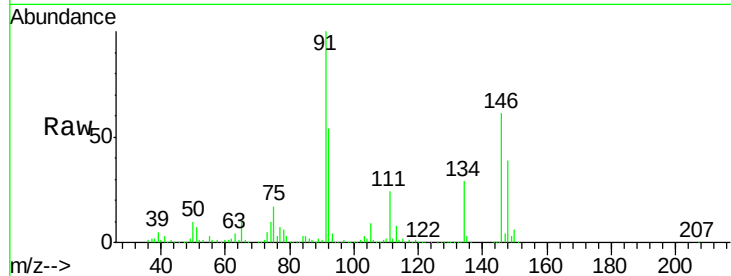




#91
 1,2-Dichlorobenzene
 Concen: 49.235 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

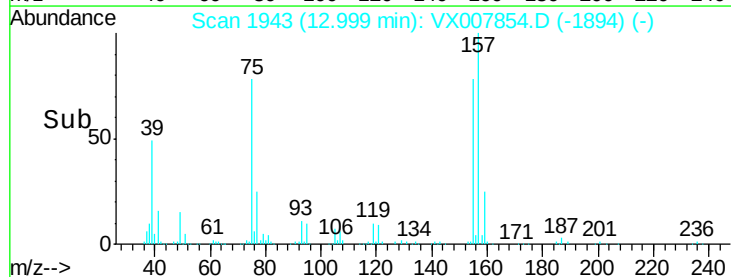
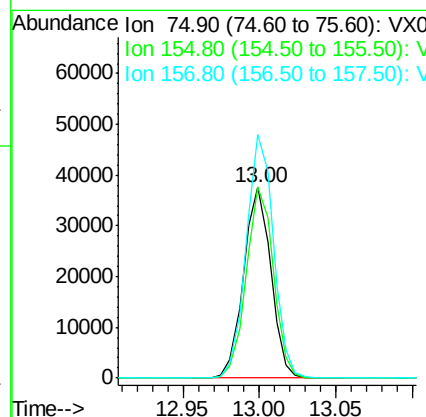
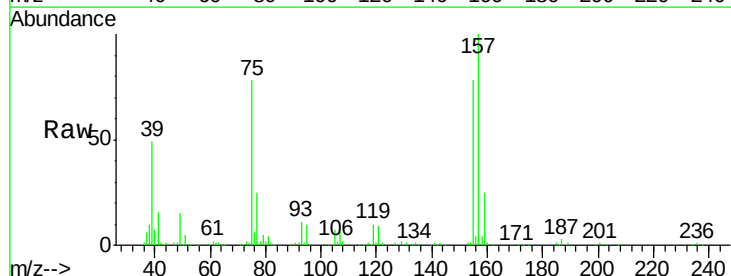
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

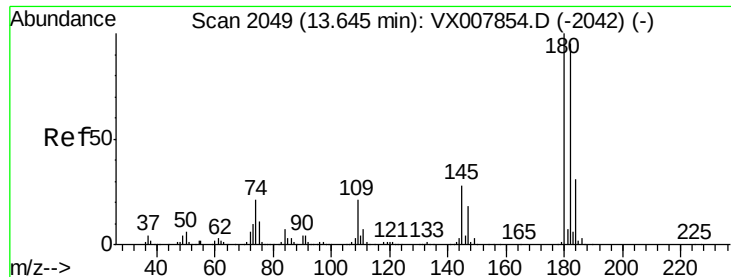
Tgt Ion:146 Resp: 301226
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.656 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion: 75 Resp: 46367
 Ion Ratio Lower Upper
 75 100
 155 99.4 49.7 149.1
 157 127.6 63.8 191.4

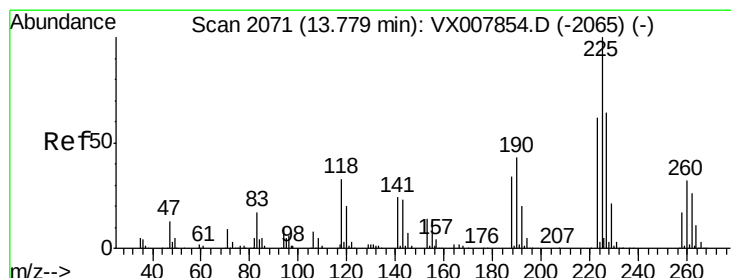
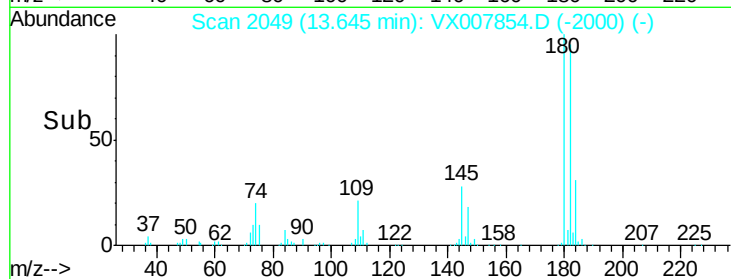
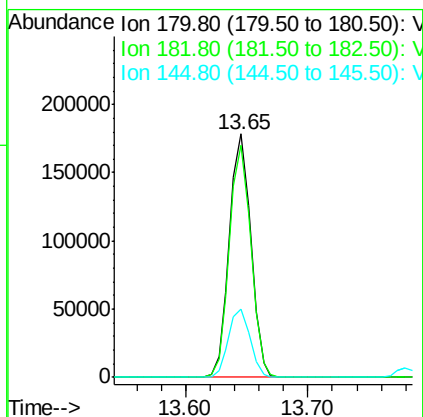
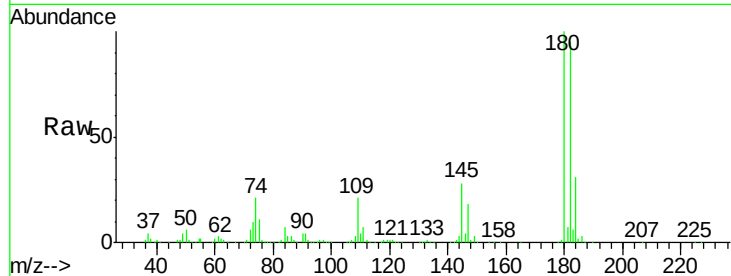




#93
 1,2,4-Trichlorobenzene
 Concen: 50.357 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

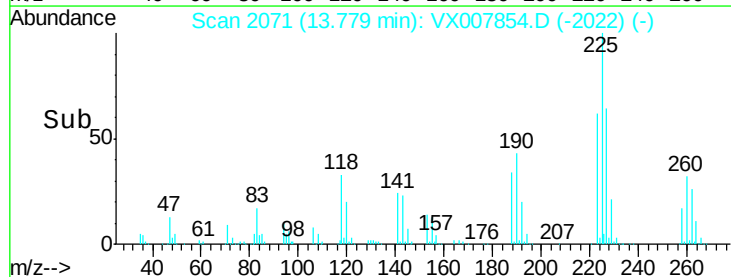
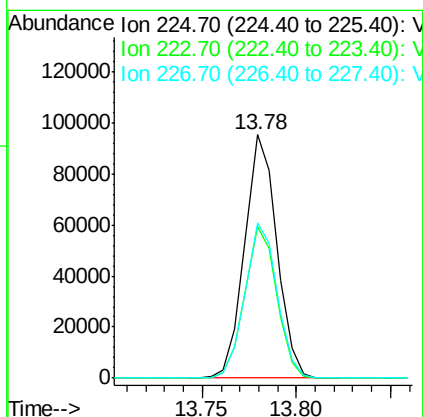
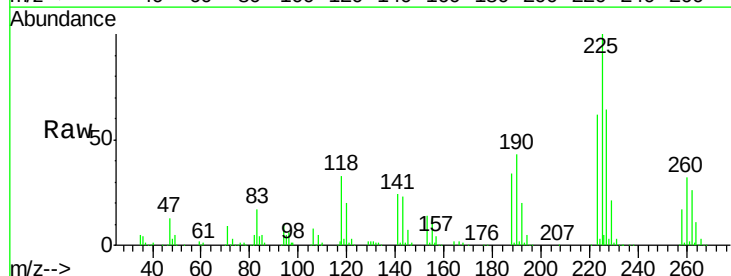
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

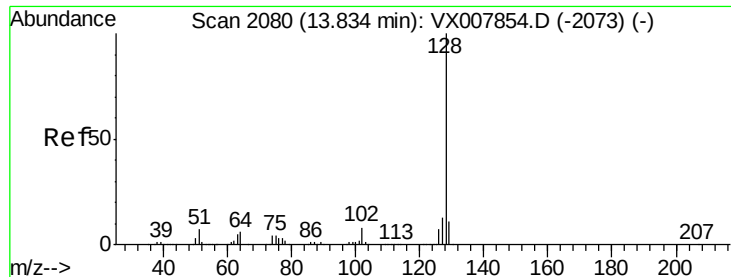
Tgt Ion:180 Resp: 216434
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.287 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007854.D
 Acq: 06 Mar 2019 11:00

Tgt Ion:225 Resp: 112998
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 64.0 32.0 96.0

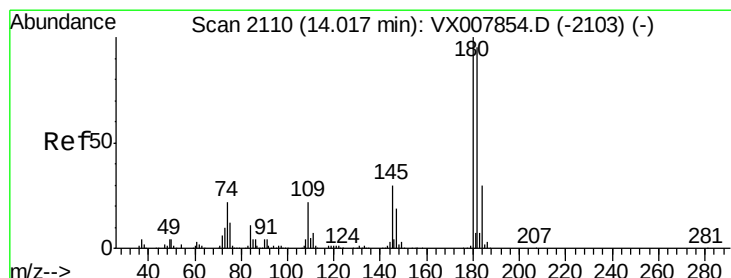
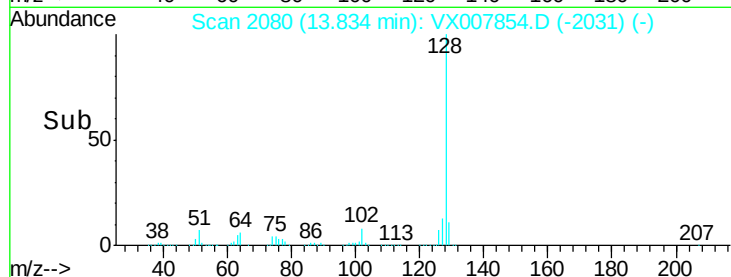
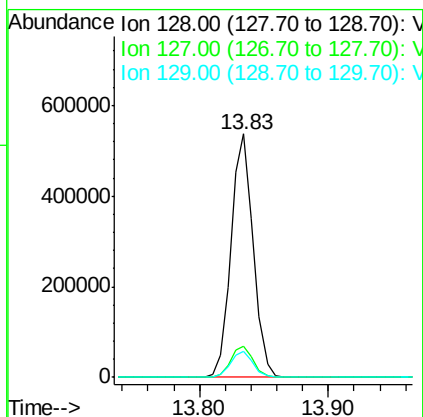
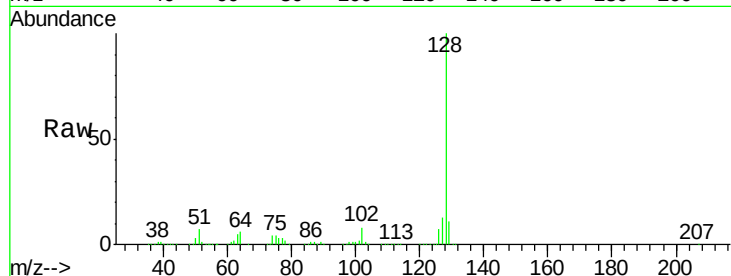




#95
Naphthalene
Concen: 52.223 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 646725
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.566 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007854.D
Acq: 06 Mar 2019 11:00

Tgt Ion:180 Resp: 216499
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 29.5 14.8 44.3

