

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012819\
 Data File : VX007257.D
 Acq On : 28 Jan 2019 13:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 00:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	485161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	687057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344165	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	251988	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.50	113	230993	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	8.71	98	849107	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.13	95	313702	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	179563	45.070	ug/l	100
3) Chloromethane	1.33	50	208139	44.876	ug/l	97
4) Vinyl Chloride	1.41	62	225498	45.198	ug/l	100
5) Bromomethane	1.64	94	237950	44.640	ug/l	98
6) Chloroethane	1.71	64	150540	43.213	ug/l	98
7) Trichlorofluoromethane	1.93	101	385913	47.872	ug/l	97
8) Diethyl Ether	2.19	74	151319	47.182	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	235018	48.696	ug/l	99
10) Methyl Iodide	2.51	142	326643	50.174	ug/l	100
11) Tert butyl alcohol	3.07	59	270980	226.560	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209360	46.952	ug/l	99
13) Acrolein	2.29	56	135982	263.444	ug/l	97
14) Allyl chloride	2.73	41	376769	49.303	ug/l	100
15) Acrylonitrile	3.15	53	682712	248.646	ug/l	100
16) Acetone	2.45	43	611734	244.048	ug/l	100
17) Carbon Disulfide	2.57	76	456255	39.743	ug/l	99
18) Methyl Acetate	2.78	43	379346	52.259	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	776324	50.161	ug/l	99
20) Methylene Chloride	2.85	84	242634	50.902	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	224559	45.191	ug/l	97
22) Diisopropyl ether	3.87	45	727190	50.617	ug/l	97
23) Vinyl Acetate	3.82	43	2974960	245.546	ug/l	99
24) 1,1-Dichloroethane	3.70	63	420378	52.329	ug/l	97
25) 2-Butanone	4.70	43	872758	243.338	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315441	51.064	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	258037	47.078	ug/l	97
28) Bromochloromethane	5.02	49	165837	47.117	ug/l	96
29) Tetrahydrofuran	5.15	42	560616	240.520	ug/l	96
30) Chloroform	5.21	83	421626	50.129	ug/l	98
31) Cyclohexane	5.57	56	328154	45.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	359672	50.451	ug/l	99
36) 1,1-Dichloropropene	5.79	75	296649	49.662	ug/l	99
37) Ethyl Acetate	4.85	43	326621	51.002	ug/l	97
38) Carbon Tetrachloride	5.78	117	312629	52.019	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	367856	48.306	ug/l	95
40) Benzene	6.14	78	907309	49.779	ug/l	100
41) Methacrylonitrile	5.06	41	186052	50.431	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318953	50.640	ug/l	99
43) Isopropyl Acetate	6.46	43	541417	53.598	ug/l	97
44) Trichloroethene	7.21	130	274230	50.209	ug/l	100
45) 1,2-Dichloropropane	7.51	63	240693	52.527	ug/l	98
46) Dibromomethane	7.66	93	168390	52.288	ug/l	99
47) Bromodichloromethane	7.90	83	308592	56.296	ug/l	97
48) Methyl methacrylate	7.77	41	275393	53.088	ug/l	98
49) 1,4-Dioxane	7.75	88	114048	962.380	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1762575	271.507	ug/l	99
52) Toluene	8.78	92	607574	51.863	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	348534	57.340	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	374157	55.739	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	259867	55.420	ug/l	99
56) Ethyl methacrylate	9.18	69	377479	55.144	ug/l	95
57) 1,3-Dichloropropane	9.37	76	411203	53.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	915655	260.159	ug/l	98
59) 2-Hexanone	9.49	43	1326663	268.168	ug/l	99
60) Dibromochloromethane	9.58	129	276857	60.805	ug/l	98
61) 1,2-Dibromoethane	9.67	107	278265	53.905	ug/l	99
64) Tetrachloroethene	9.34	164	294795	53.621	ug/l	96
65) Chlorobenzene	10.14	112	715250	51.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	263665	56.591	ug/l	99
67) Ethyl Benzene	10.25	91	1183100	51.744	ug/l	98
68) m/p-Xylenes	10.36	106	927933	103.009	ug/l	99
69) o-Xylene	10.69	106	454267	51.708	ug/l	96
70) Styrene	10.71	104	739171	53.124	ug/l	97
71) Bromoform	10.86	173	210548	50.463	ug/l	98
73) Isopropylbenzene	11.02	105	1227429	50.577	ug/l	100
74) N-amyl acetate	10.90	43	484870	49.623	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	375919	48.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	430532	61.731	ug/l	91
77) Bromobenzene	11.26	156	328930	49.190	ug/l	99
78) n-propylbenzene	11.36	91	1386327	52.036	ug/l	99
79) 2-Chlorotoluene	11.42	91	803539	50.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1016760	50.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110173	47.849	ug/l	97
82) 4-Chlorotoluene	11.51	91	939756	50.610	ug/l	100
83) tert-Butylbenzene	11.77	119	1012370	50.038	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1042159	51.108	ug/l	99
85) sec-Butylbenzene	11.94	105	1259373	52.121	ug/l	99
86) p-Isopropyltoluene	12.06	119	1131366	52.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	603668	49.946	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	607795	53.066	ug/l	99
89) n-Butylbenzene	12.39	91	987476	53.597	ug/l	98
90) Hexachloroethane	12.60	117	179485	51.902	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	598393	50.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77708	50.998	ug/l	96

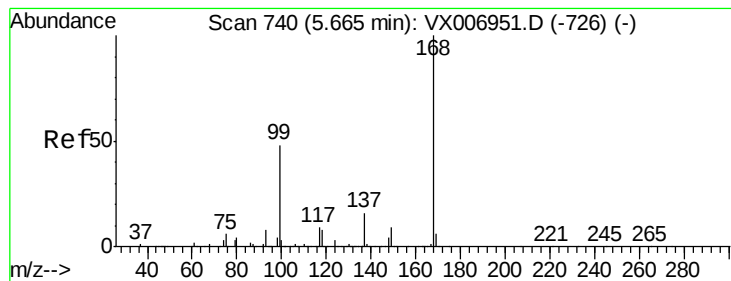
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	430214	52.573	ug/l	99
94) Hexachlorobutadiene	13.78	225	206274	56.803	ug/l	99
95) Naphthalene	13.83	128	1277120	51.504	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	421579	51.861	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

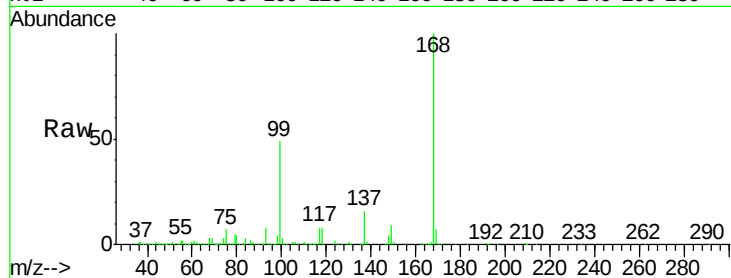
VSTDCCC050

Tot Ion:168 Resp: 485161

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

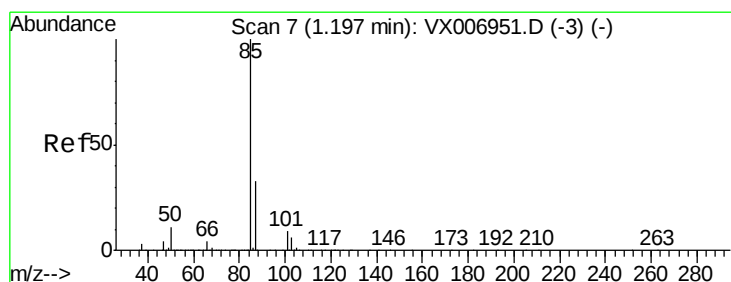
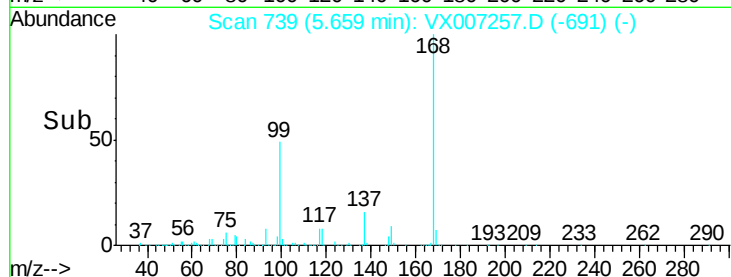
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.070 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007257.D

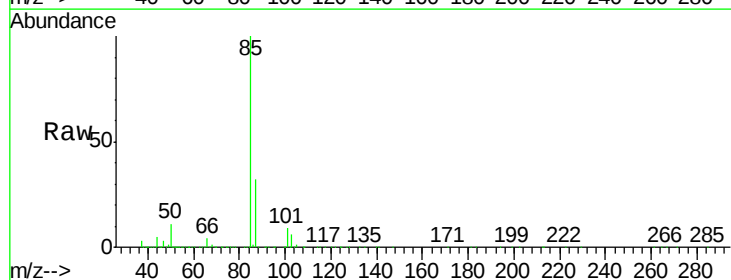
Acq: 28 Jan 2019 13:31

Tgt Ion: 85 Resp: 179563

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

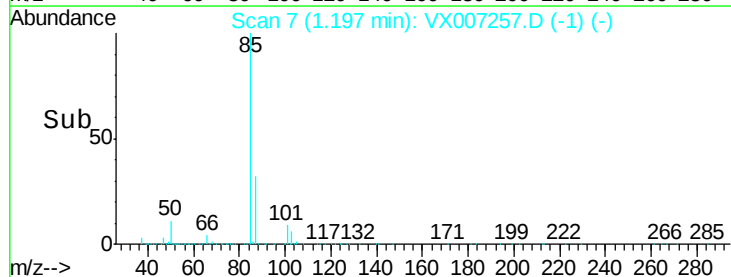
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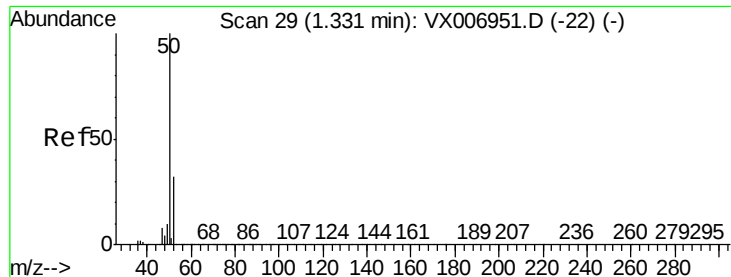
100000

50000

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Time-->





#3

Chloromethane

Concen: 44.876 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

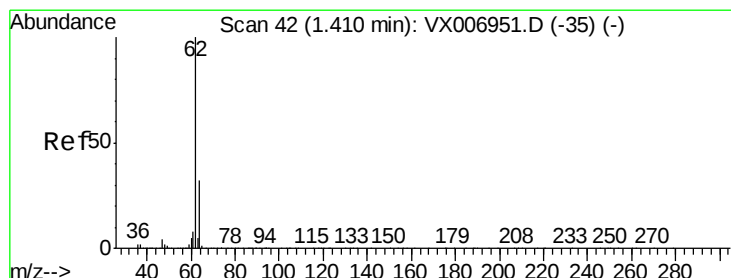
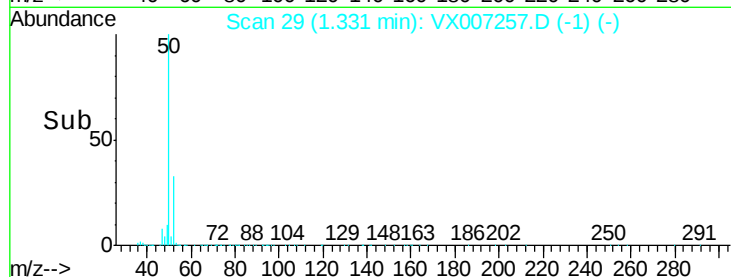
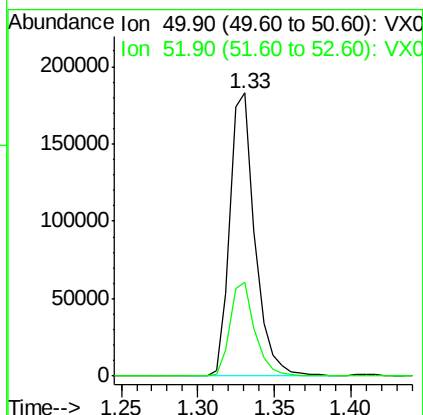
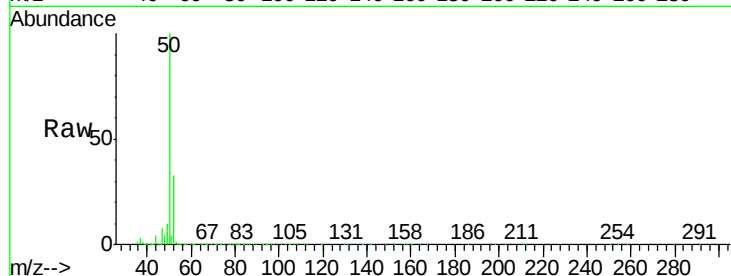
VSTDCCC050

Tot Ion: 50 Resp: 208139

Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.2



#4

Vinyl Chloride

Concen: 45.198 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007257.D

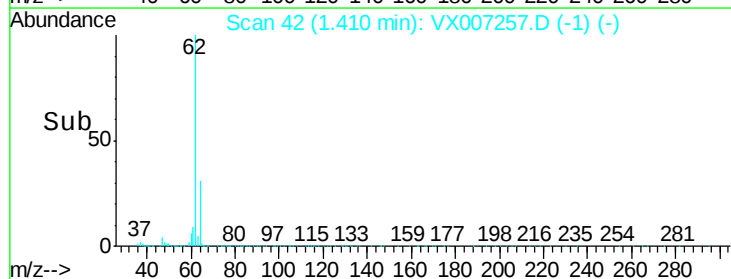
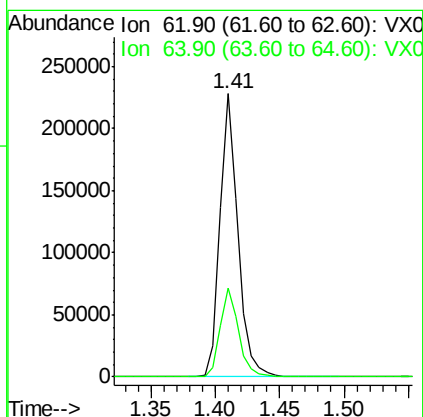
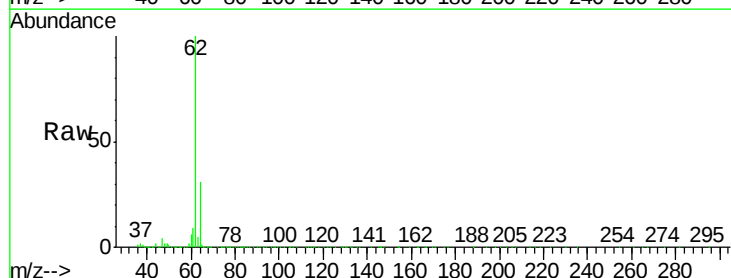
Acq: 28 Jan 2019 13:31

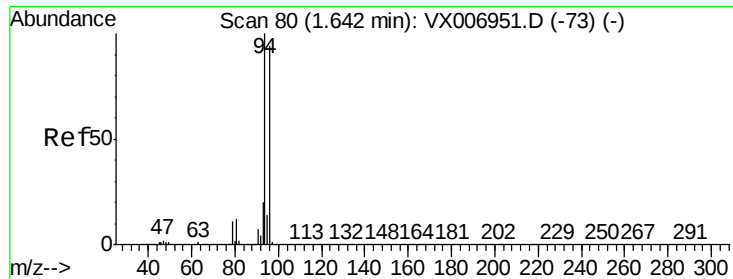
Tgt Ion: 62 Resp: 225498

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 44.640 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

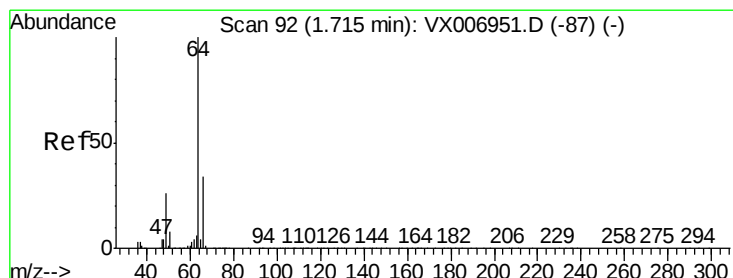
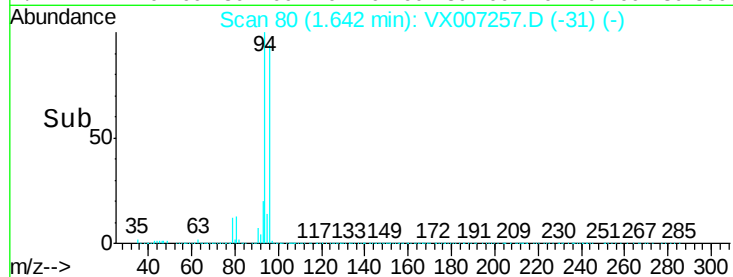
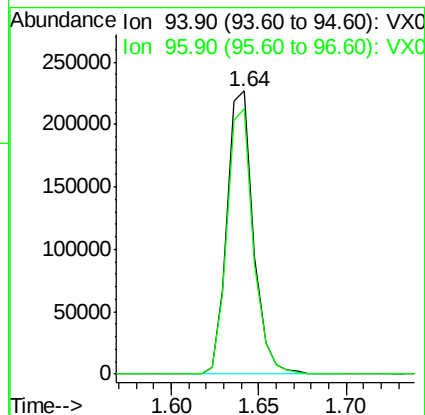
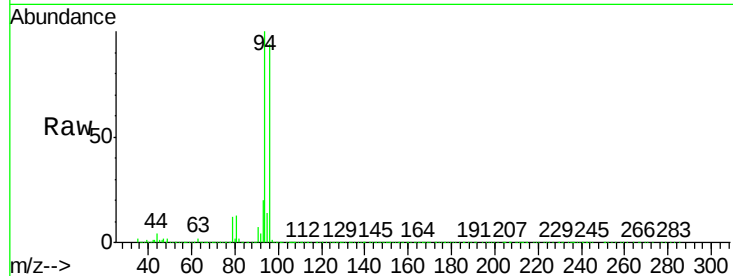
VSTDCCC050

Tot Ion: 94 Resp: 237950

Ion Ratio Lower Upper

94 100

96 93.9 73.4 110.2



#6

Chloroethane

Concen: 43.213 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007257.D

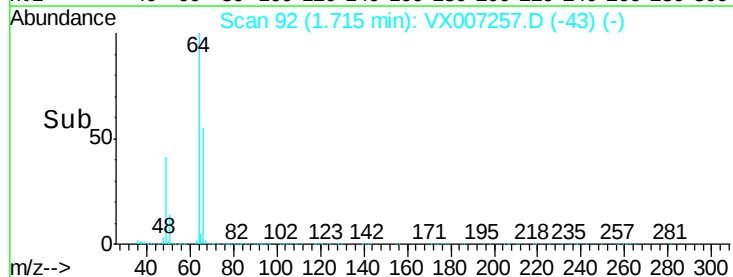
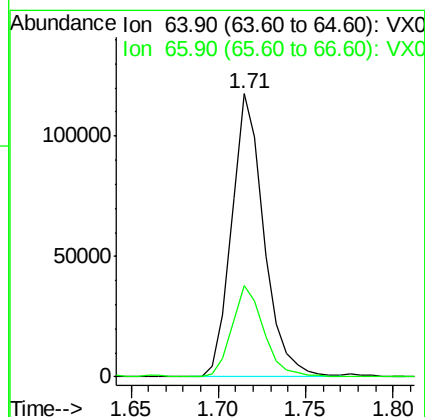
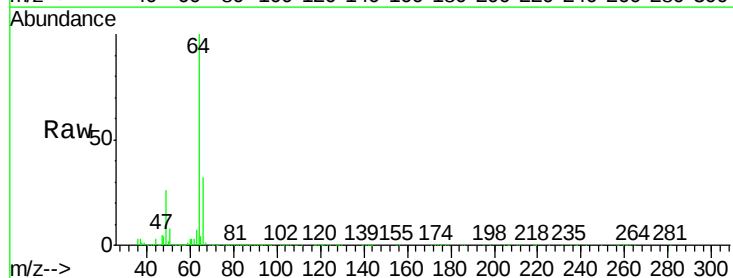
Acq: 28 Jan 2019 13:31

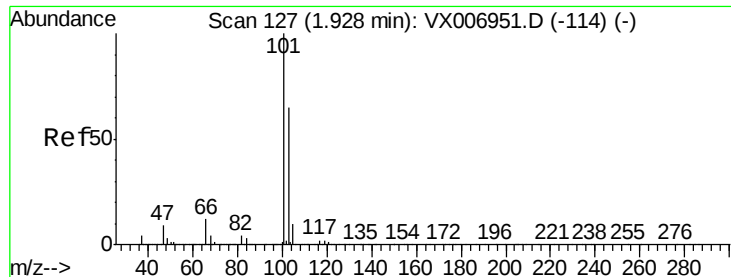
Tgt Ion: 64 Resp: 150540

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



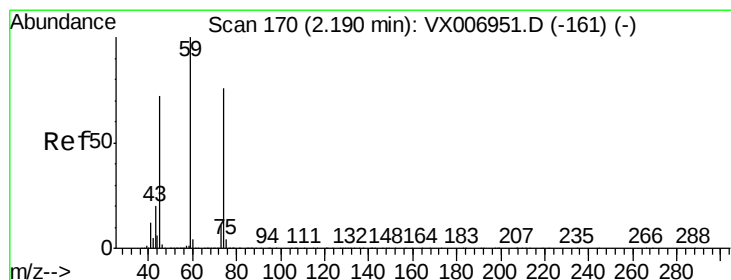
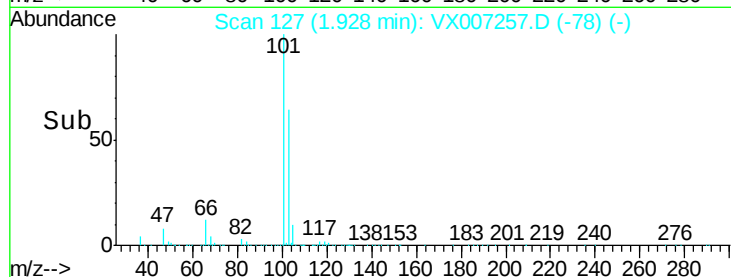
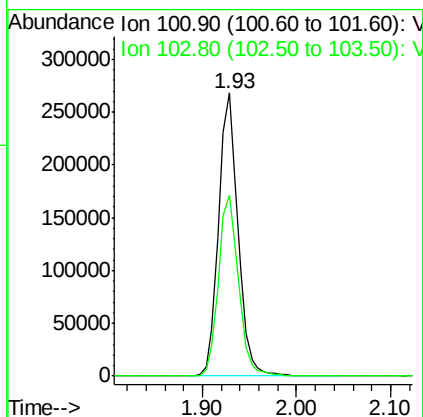
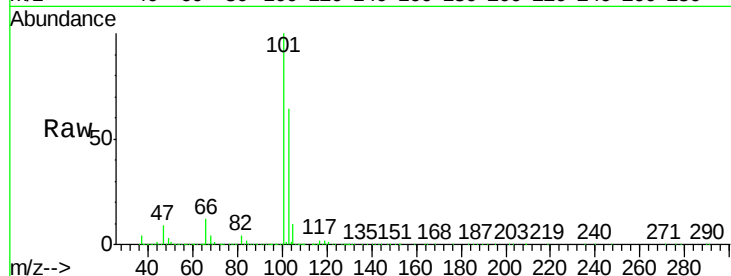


#7

Trichlorofluoromethane
 Concen: 47.872 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

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 ClientSampleId :
 VSTDCCC050

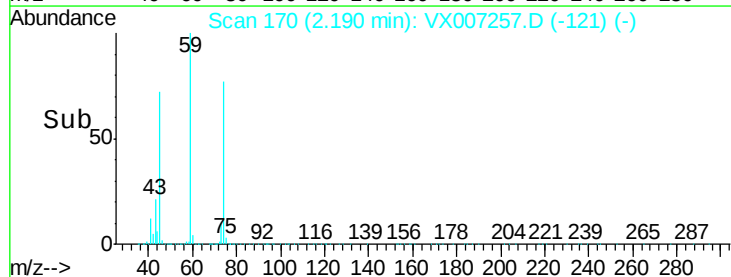
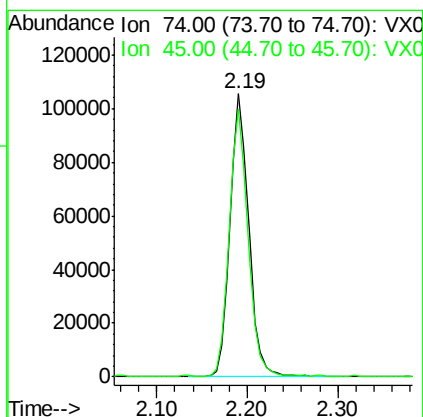
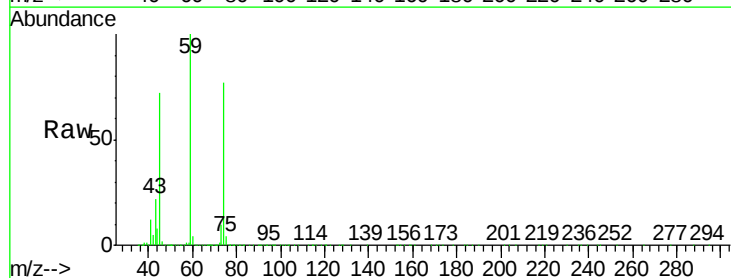
Tot Ion:101 Resp: 385913
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.2 79.8

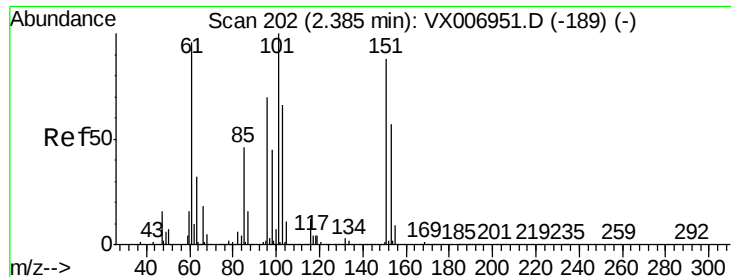


#8

Diethyl Ether
 Concen: 47.182 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion: 74 Resp: 151319
 Ion Ratio Lower Upper
 74 100
 45 94.2 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.696 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

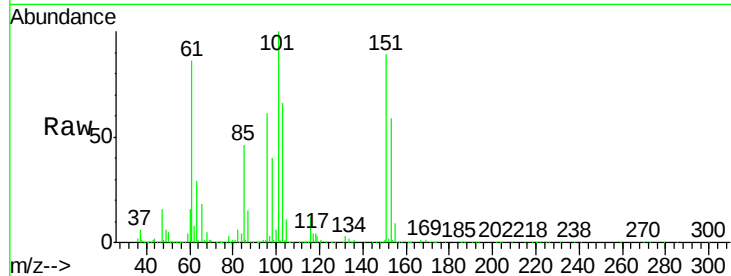
Tot Ion:101 Resp: 235018

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

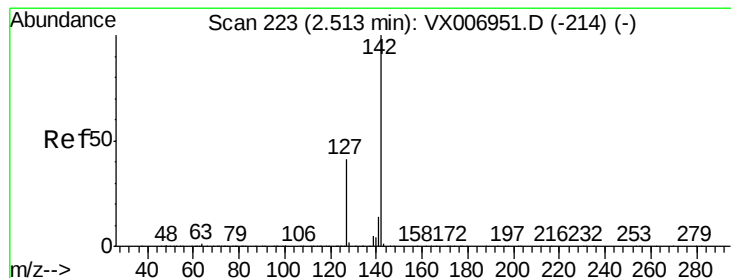
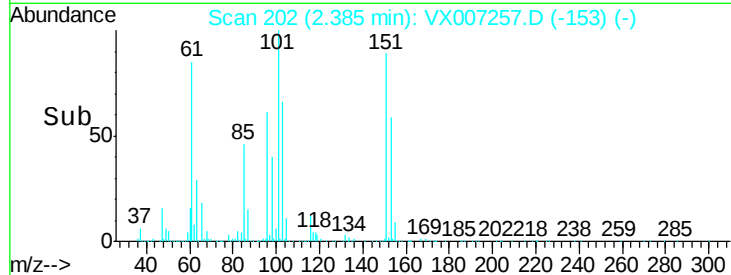
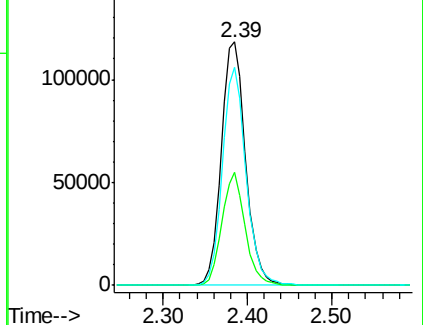
151 86.8 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.174 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

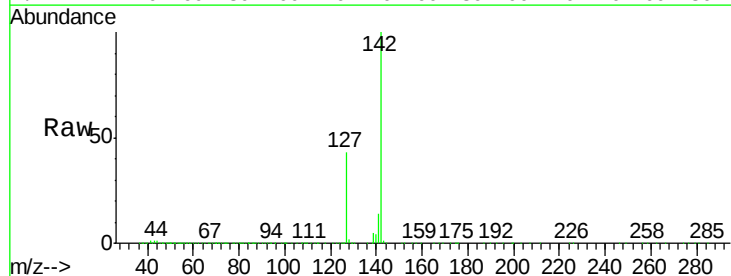
Tgt Ion:142 Resp: 326643

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

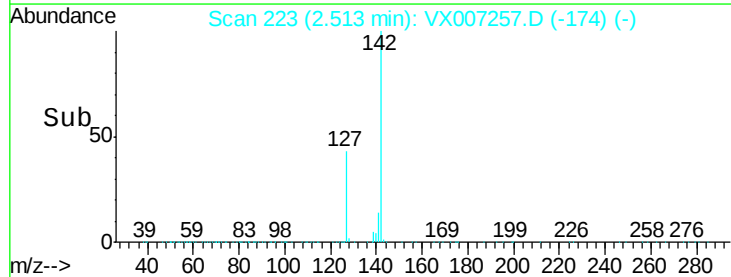
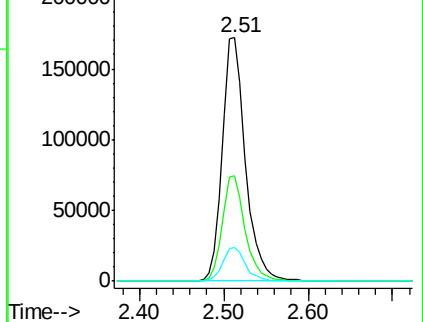
141 13.8 11.4 17.0

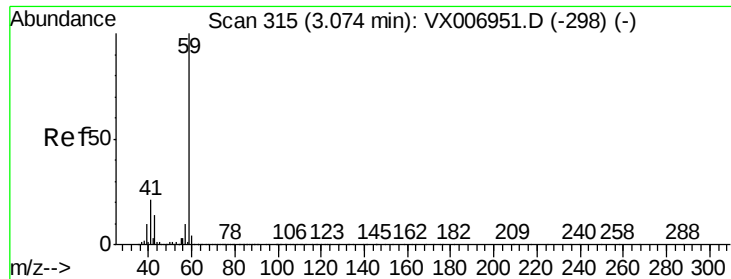


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



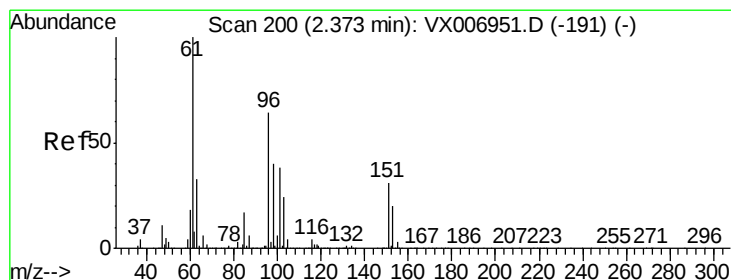
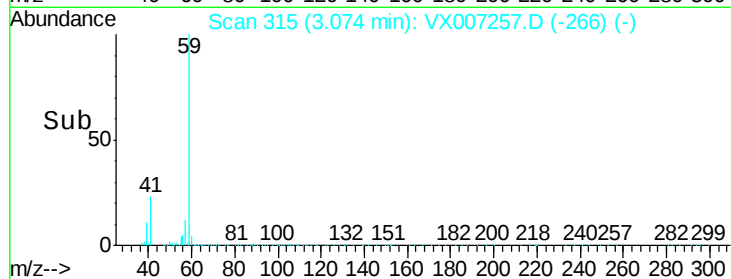
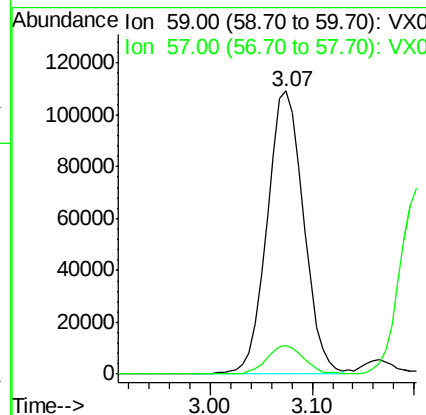
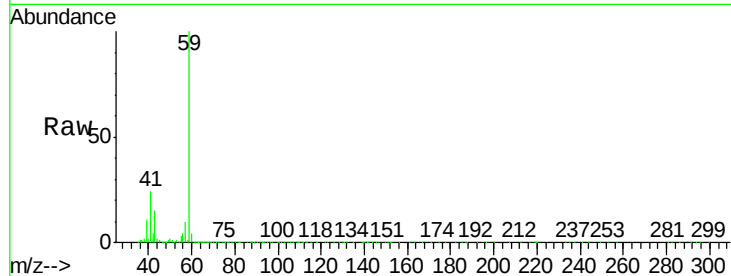


#11

Tert butyl alcohol
Concen: 226.560 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

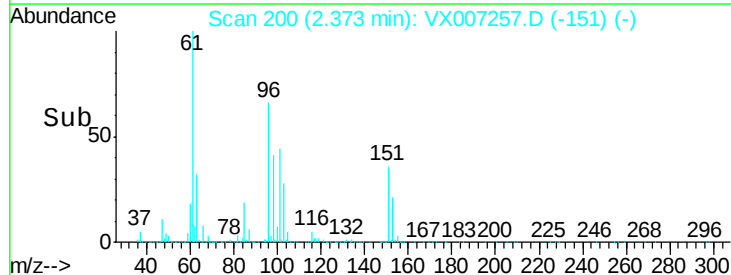
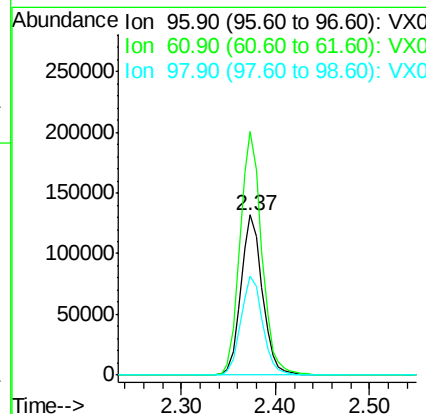
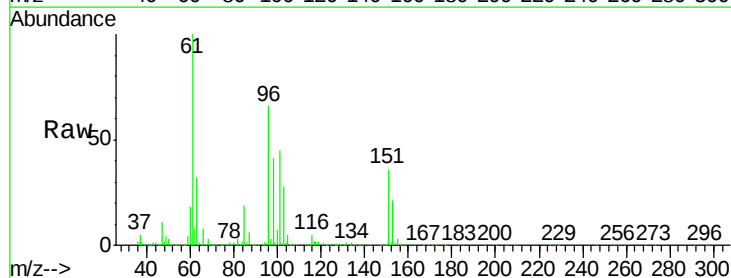
Tot Ion: 59 Resp: 270980
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

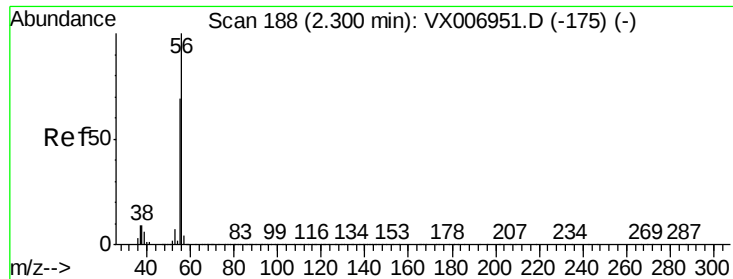


#12

1,1-Dichloroethene
Concen: 46.952 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 96 Resp: 209360
Ion Ratio Lower Upper
96 100
61 152.3 121.4 182.2
98 61.9 51.9 77.9





#13

Acrolein

Concen: 263.444 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

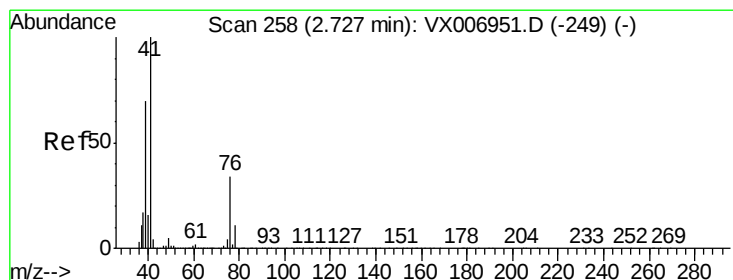
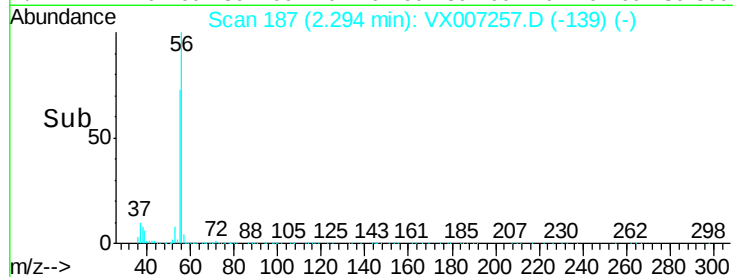
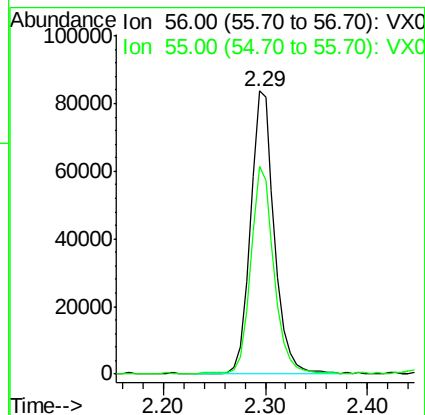
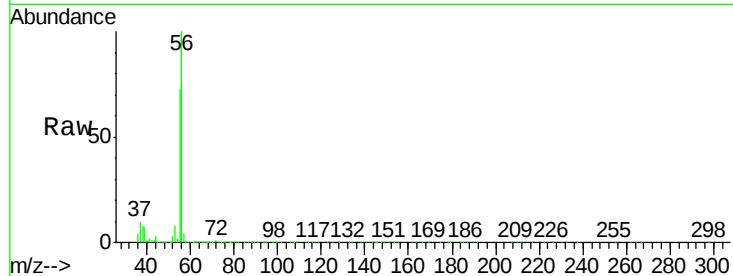
VSTDCCC050

Tot Ion: 56 Resp: 135982

Ion Ratio Lower Upper

56 100

55 70.2 58.2 87.4



#14

Allyl chloride

Concen: 49.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

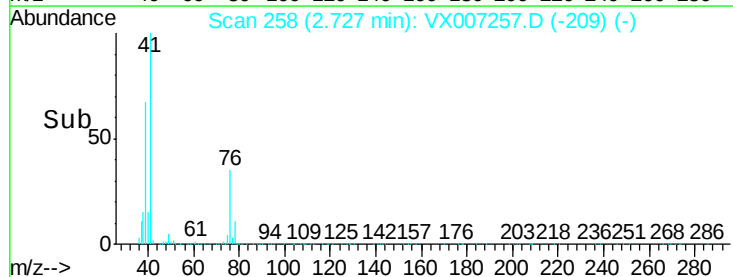
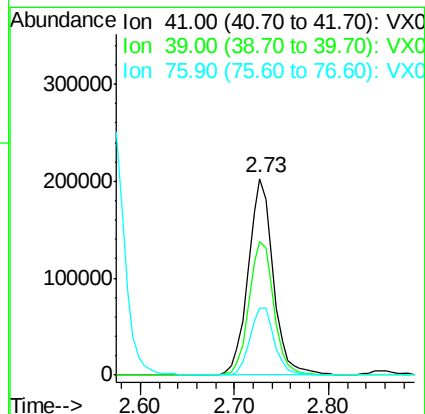
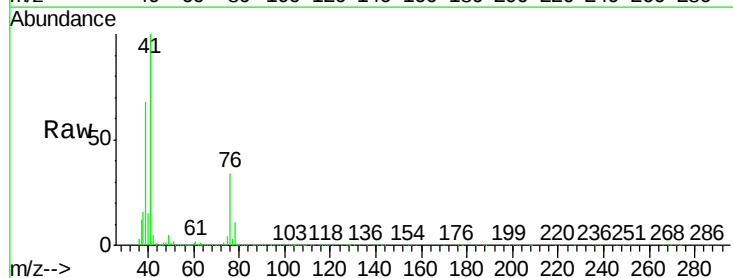
Tgt Ion: 41 Resp: 376769

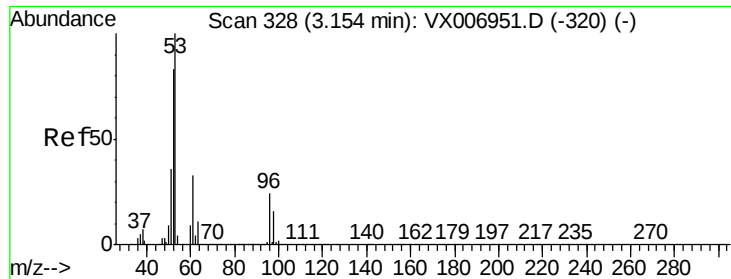
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 248.646 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

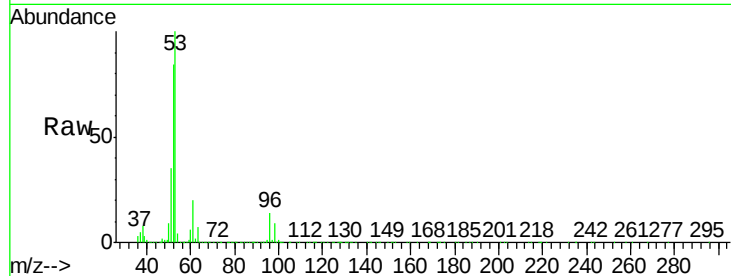
Tot Ion: 53 Resp: 682712

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

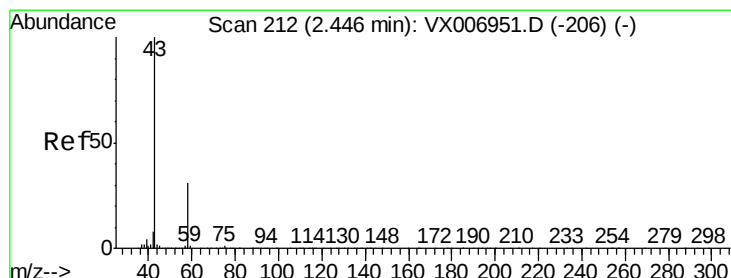
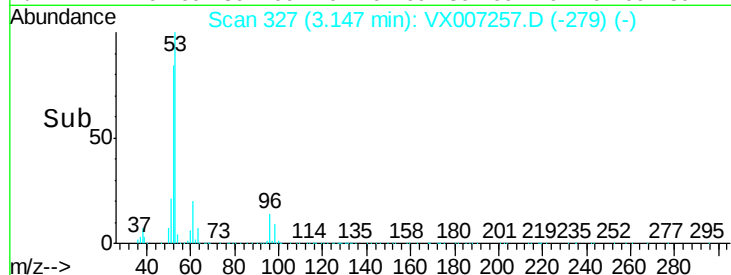
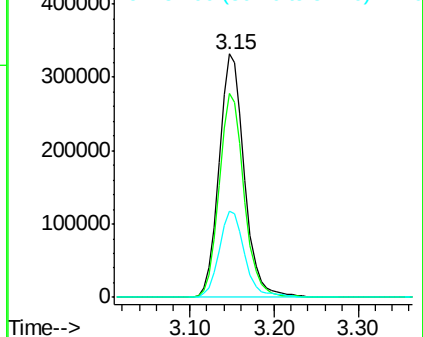
51 35.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.048 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007257.D

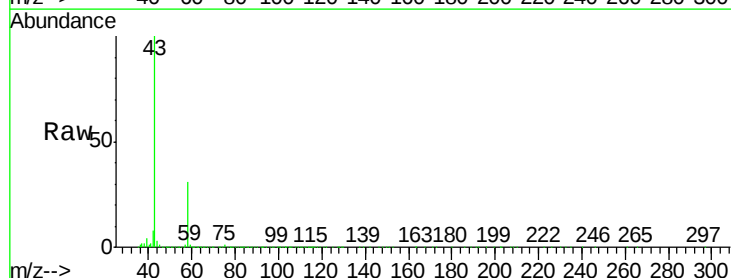
Acq: 28 Jan 2019 13:31

Tgt Ion: 43 Resp: 611734

Ion Ratio Lower Upper

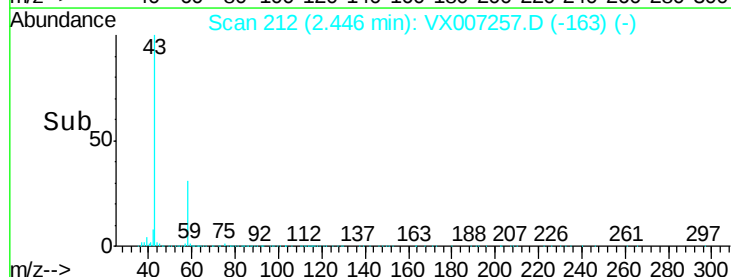
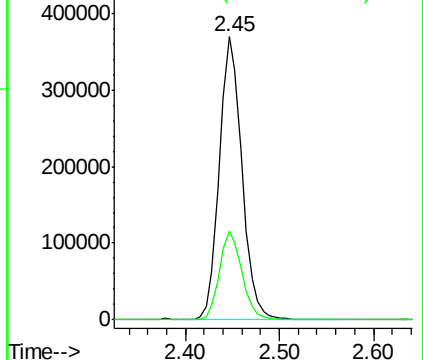
43 100

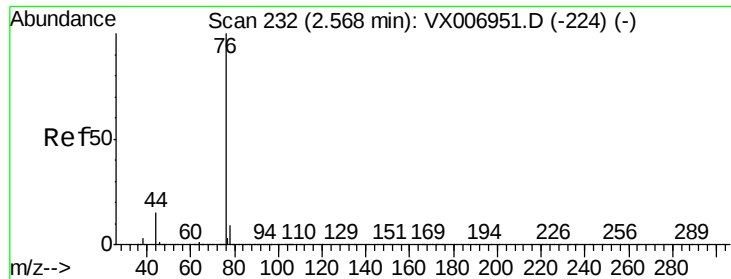
58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

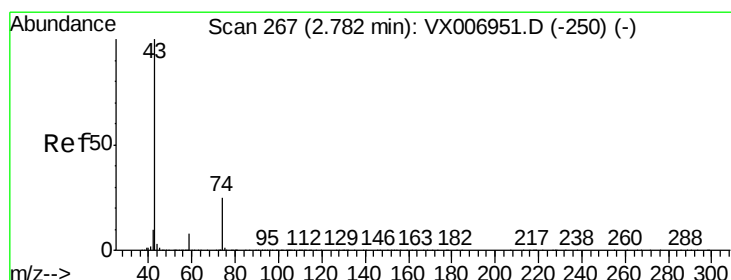
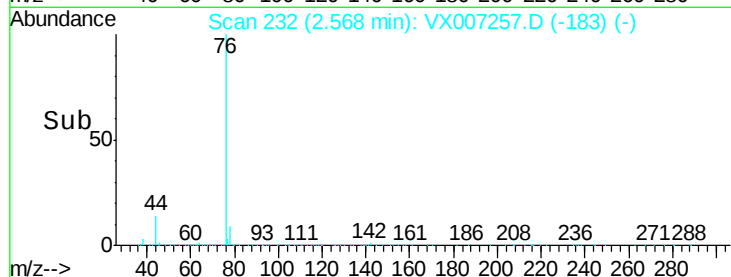
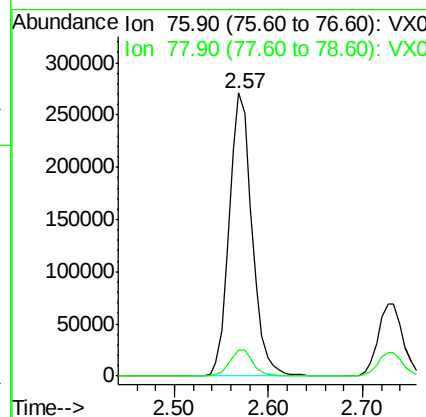
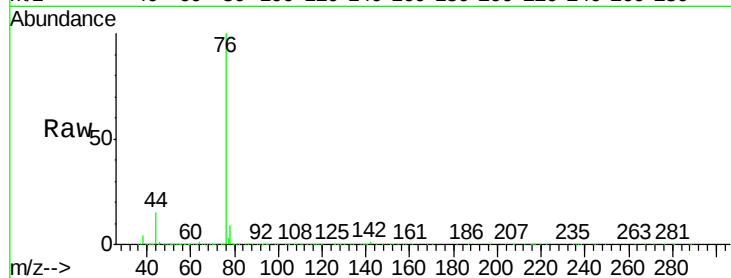




#17
Carbon Disulfide
Concen: 39.743 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

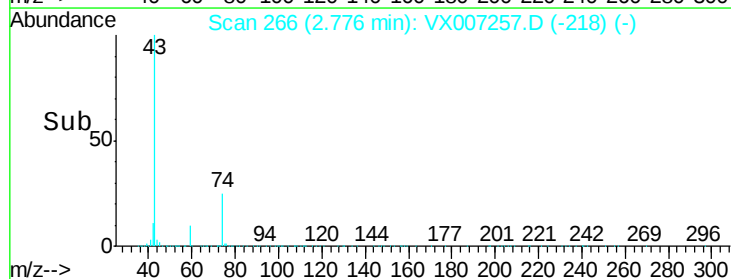
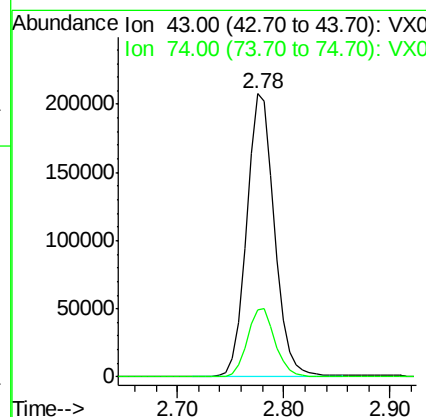
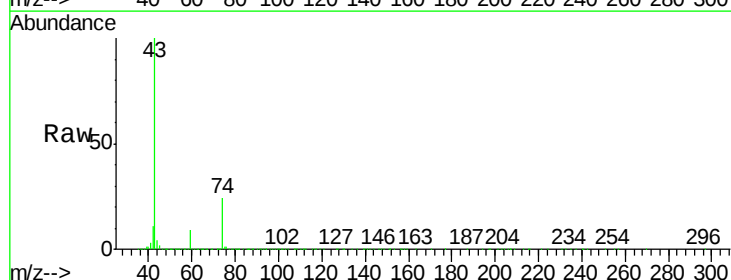
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

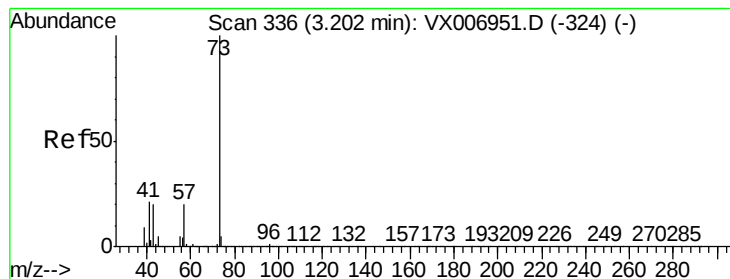
Tot Ion: 76 Resp: 456255
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 52.259 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 43 Resp: 379346
Ion Ratio Lower Upper
43 100
74 24.2 18.6 28.0



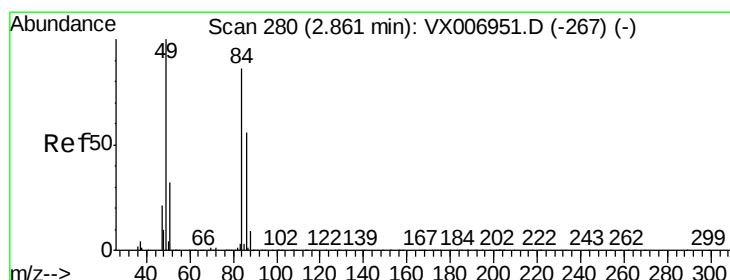
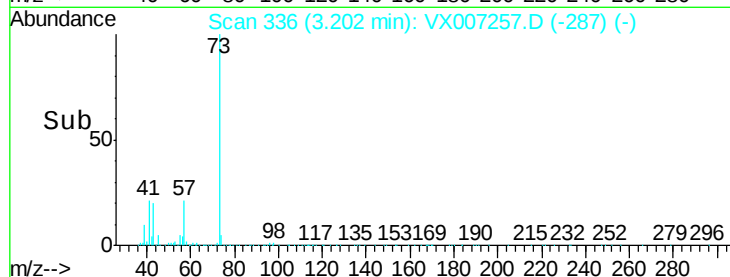
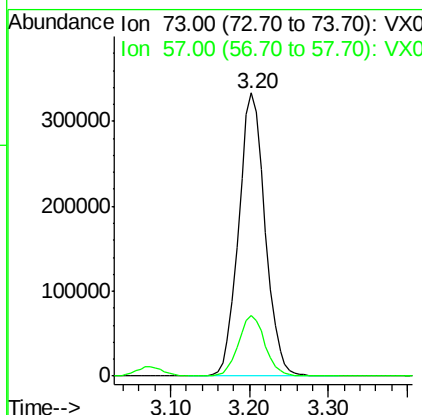
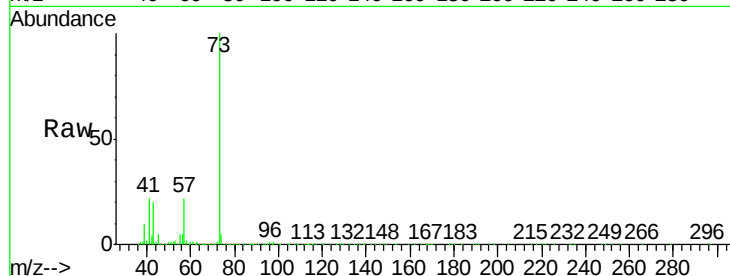


#19

Methyl tert-butyl Ether
 Concen: 50.161 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

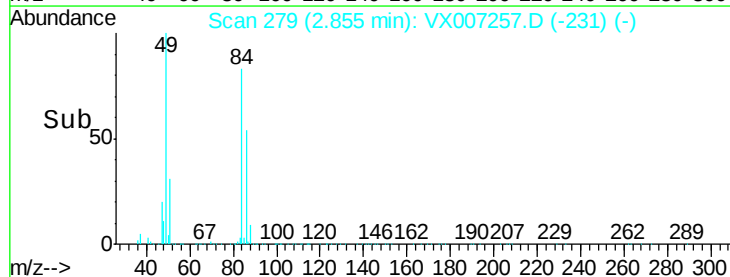
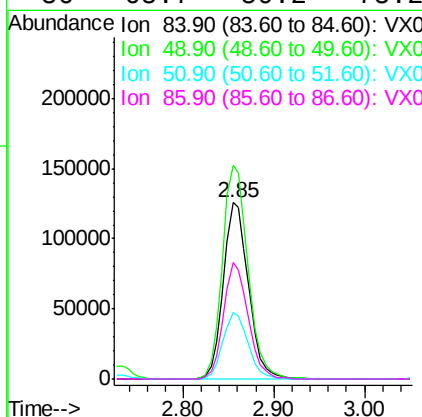
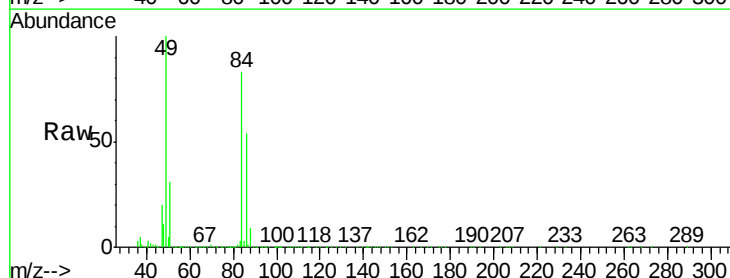
Tot Ion: 73 Resp: 776324
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.8 25.2

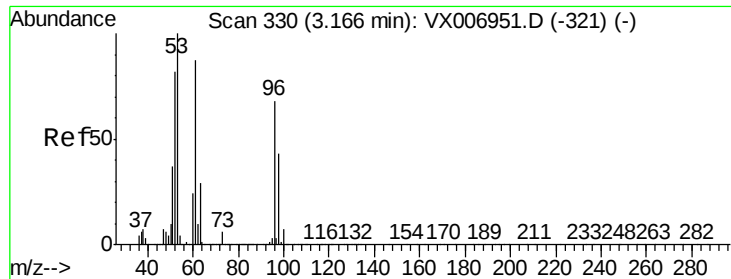


#20

Methylene Chloride
 Concen: 50.902 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion: 84 Resp: 242634
 Ion Ratio Lower Upper
 84 100
 49 121.0 91.8 137.6
 51 37.8 28.5 42.7
 86 65.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.191 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

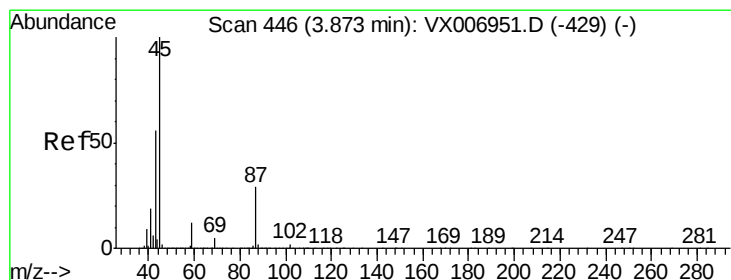
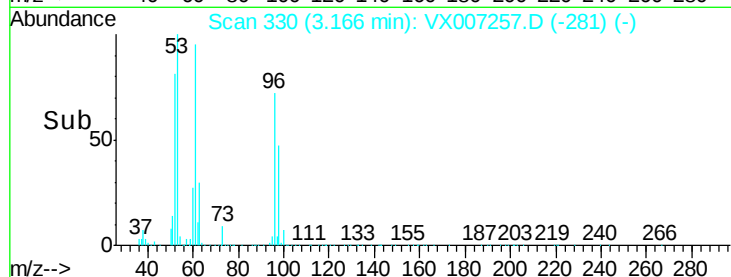
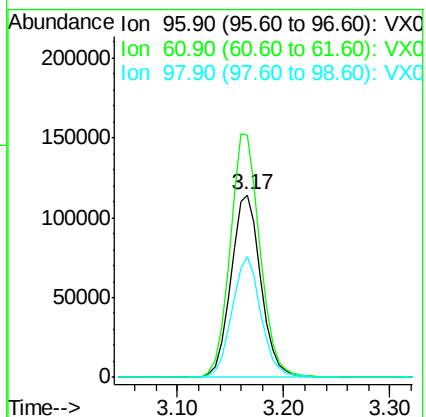
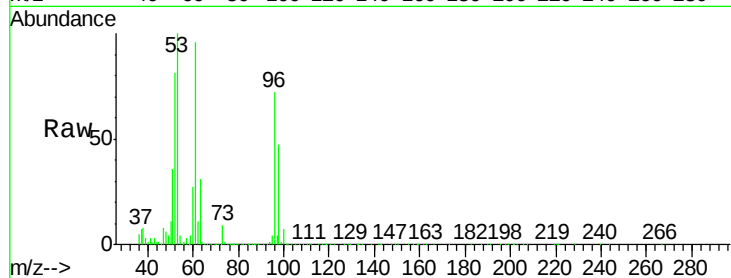
Tot Ion: 96 Resp: 224559

Ion Ratio Lower Upper

96 100

61 132.8 103.7 155.5

98 65.8 51.0 76.6



#22

Diisopropyl ether

Concen: 50.617 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Tgt Ion: 45 Resp: 727190

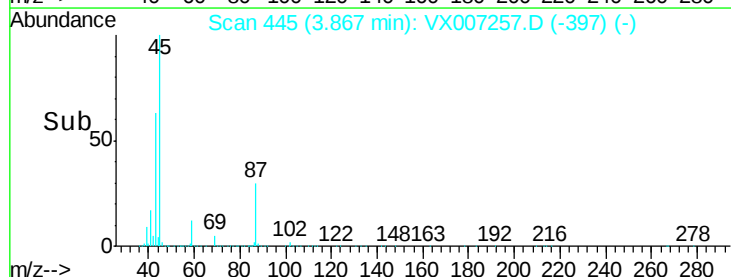
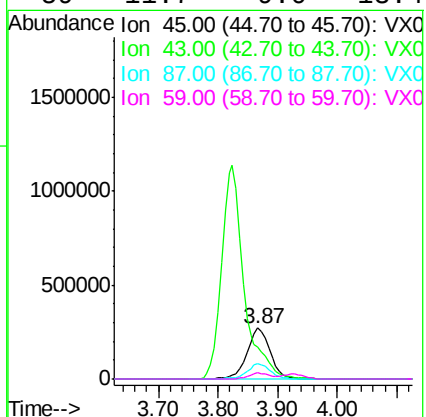
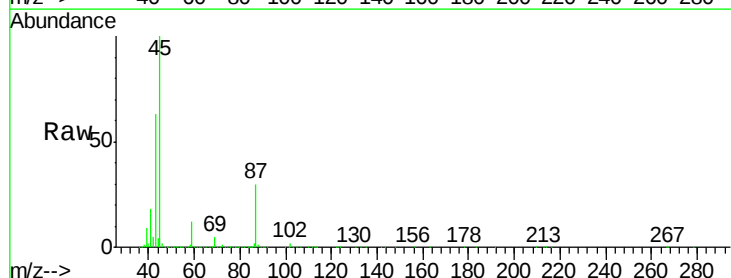
Ion Ratio Lower Upper

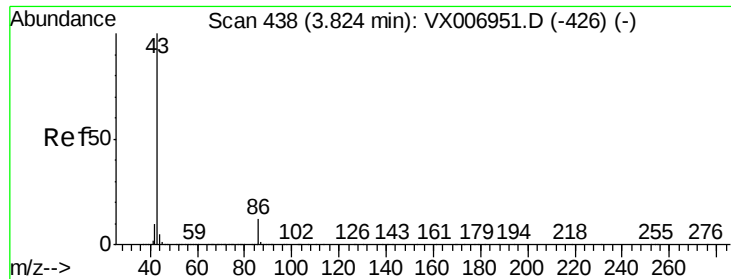
45 100

43 62.6 51.2 76.8

87 29.6 25.8 38.6

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 245.546 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

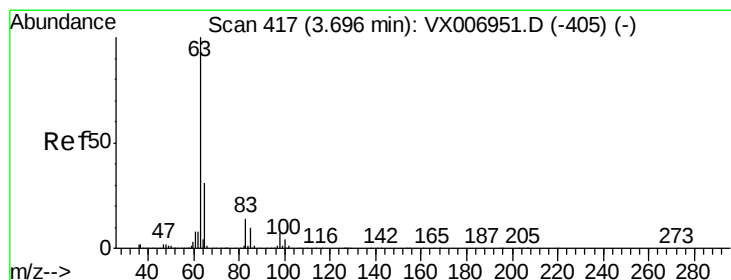
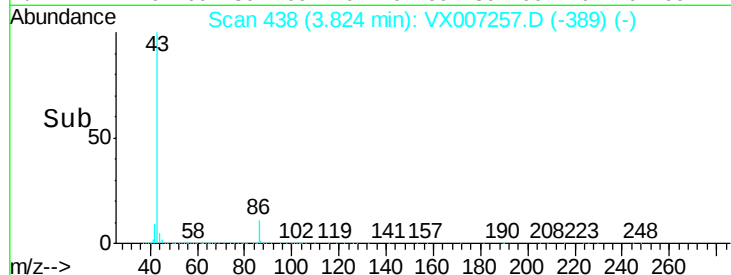
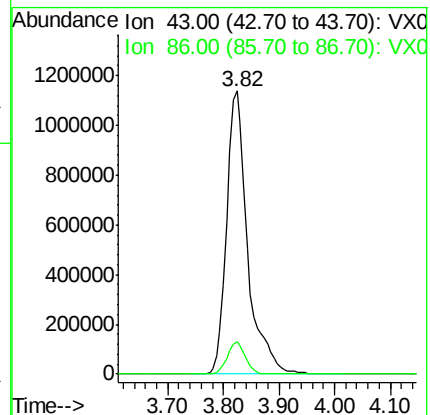
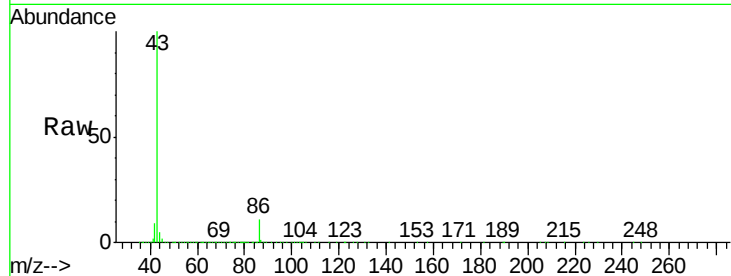
VSTDCCC050

Tot Ion: 43 Resp: 2974960

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 52.329 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

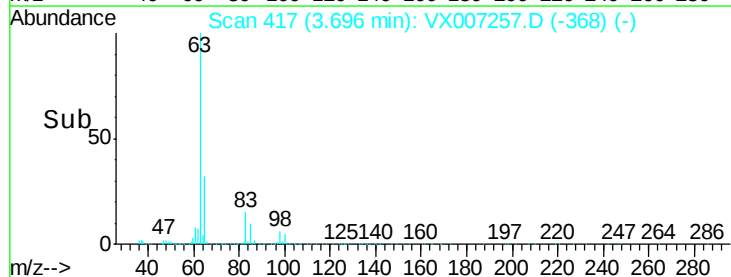
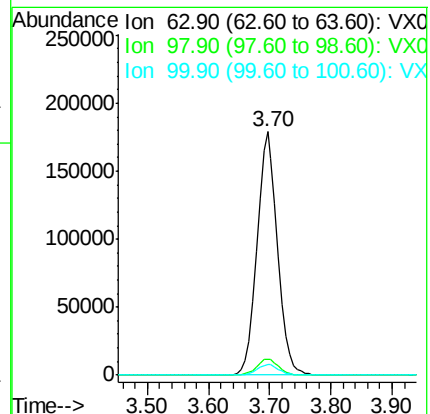
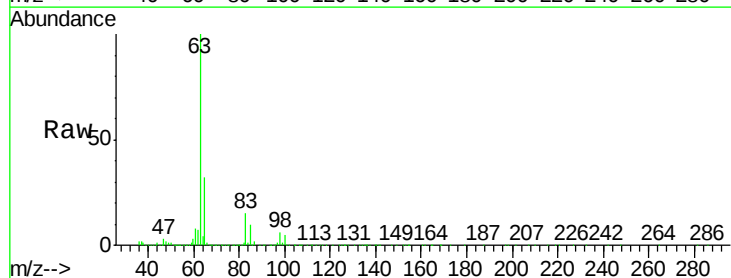
Tgt Ion: 63 Resp: 420378

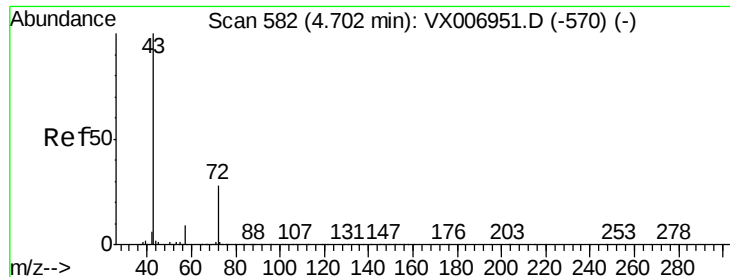
Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 243.338 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

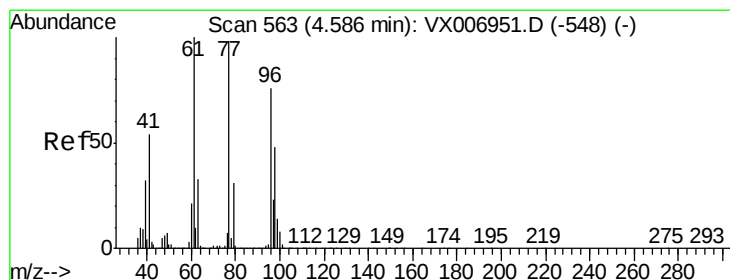
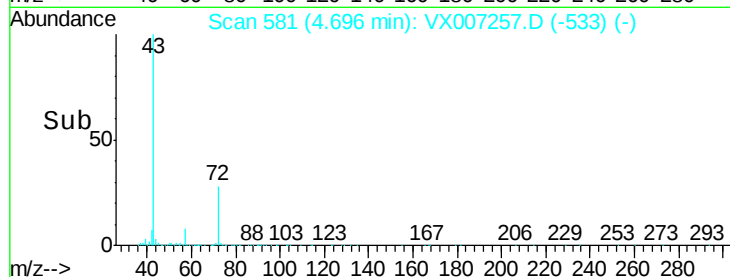
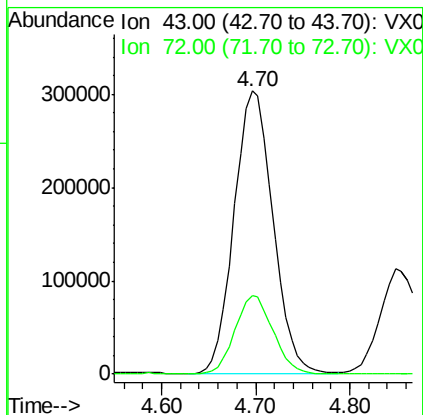
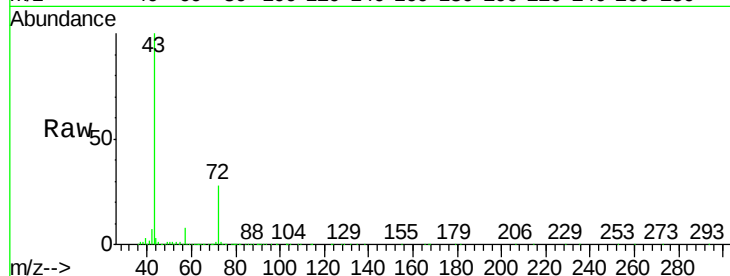
VSTDCCC050

Tot Ion: 43 Resp: 872758

Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 51.064 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007257.D

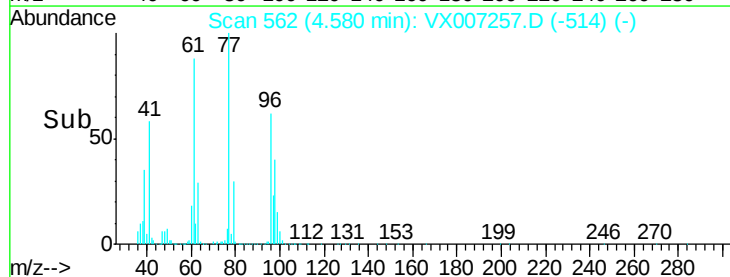
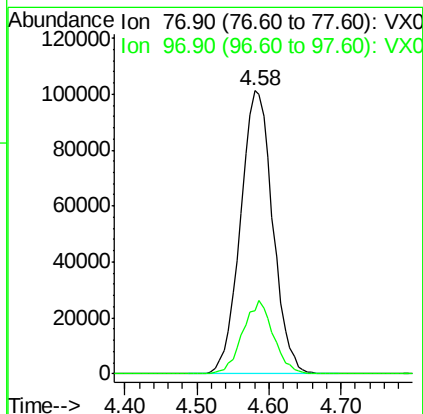
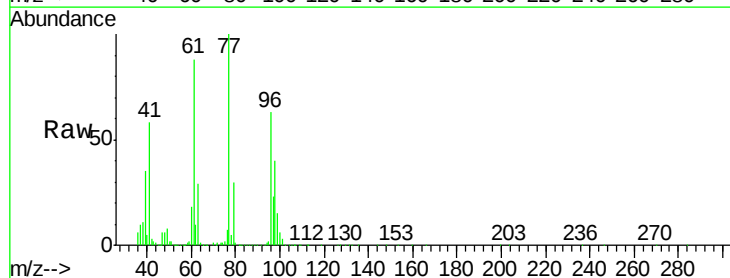
Acq: 28 Jan 2019 13:31

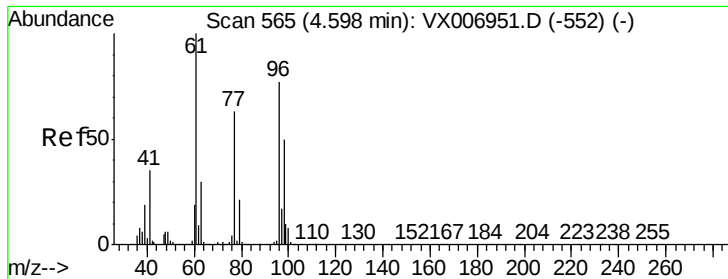
Tgt Ion: 77 Resp: 315441

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



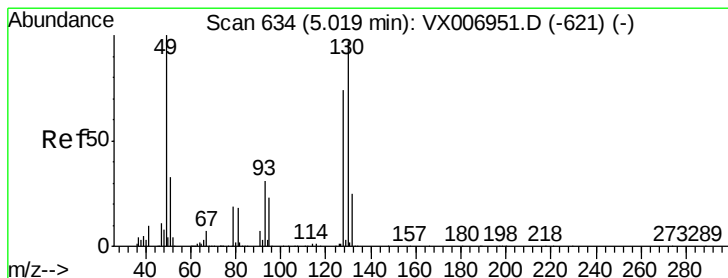
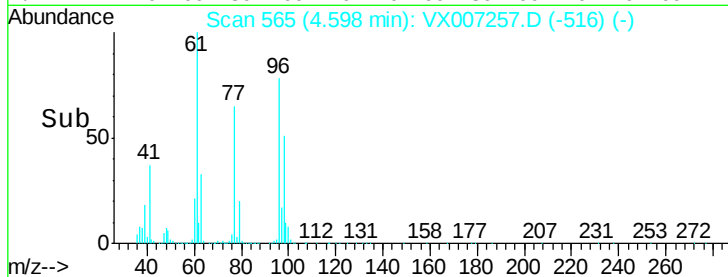
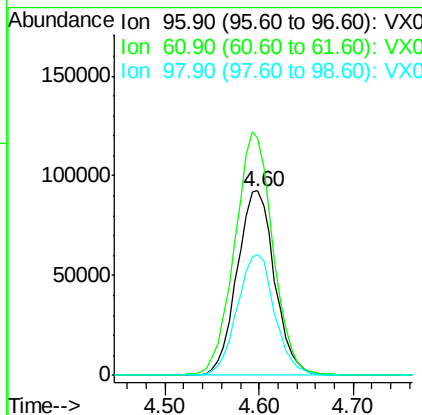
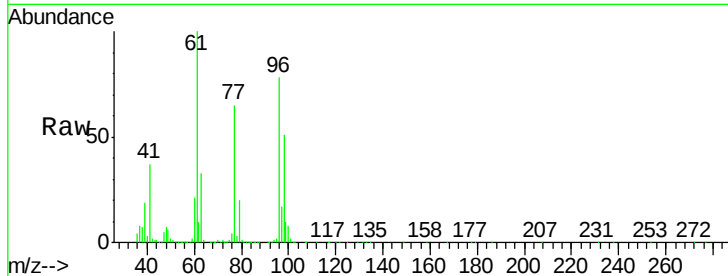


#27

cis-1,2-Dichloroethene
 Concen: 47.078 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

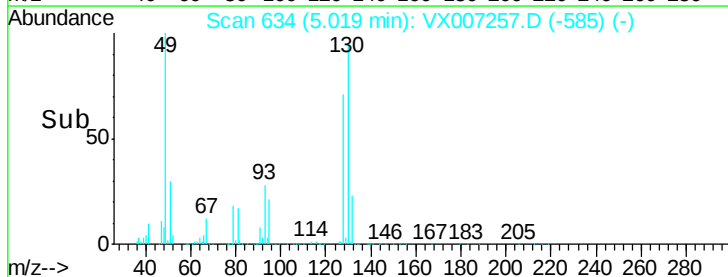
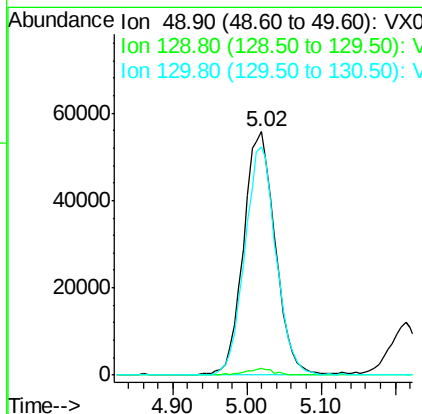
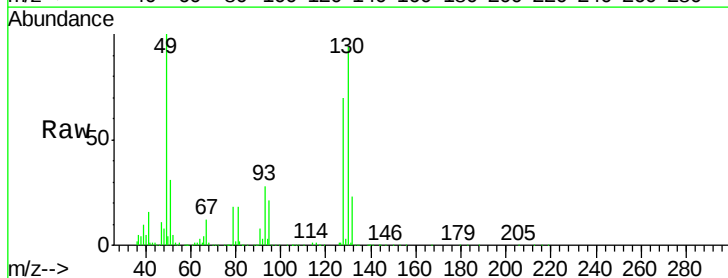
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	258.6
98	65.5	0.0	132.0

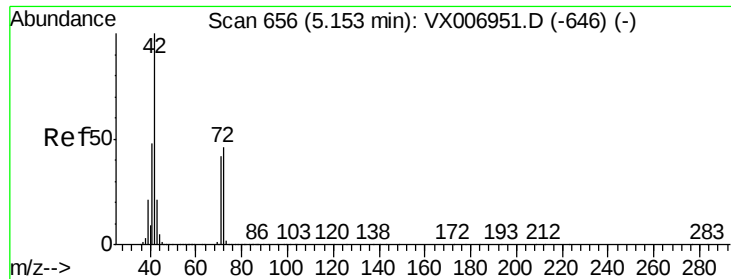


#28

Bromochloromethane
 Concen: 47.117 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	92.8	77.7	116.5





#29

Tetrahydrofuran

Concen: 240.520 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

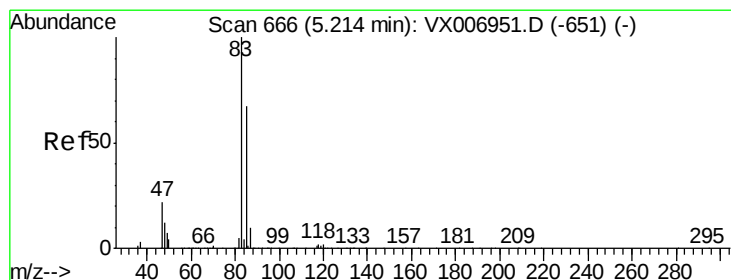
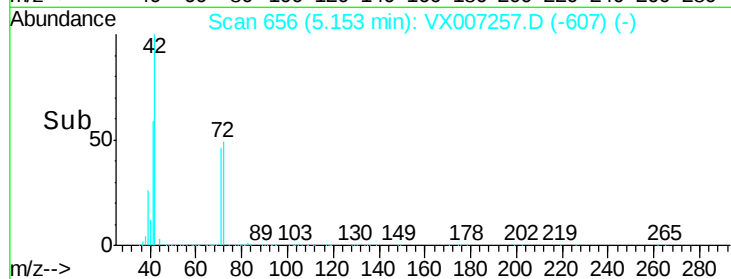
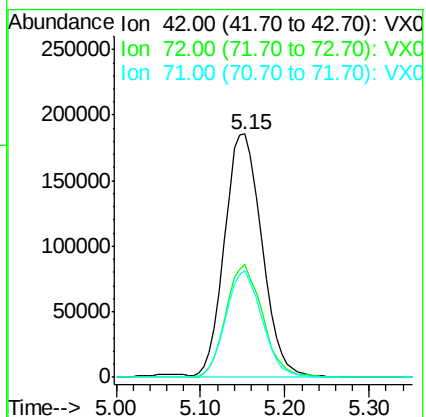
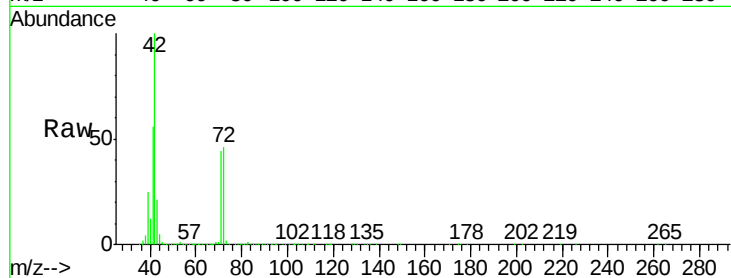
Tot Ion: 42 Resp: 560616

Ion Ratio Lower Upper

42 100

72 45.8 38.9 58.3

71 42.7 36.2 54.4



#30

Chloroform

Concen: 50.129 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007257.D

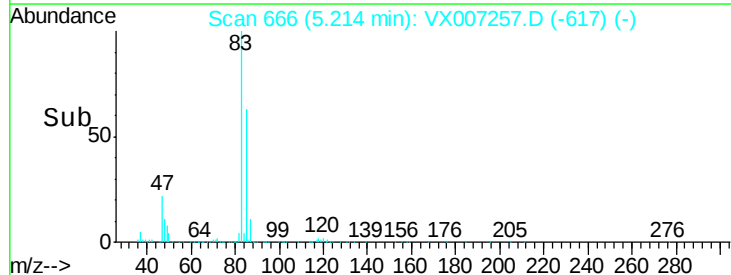
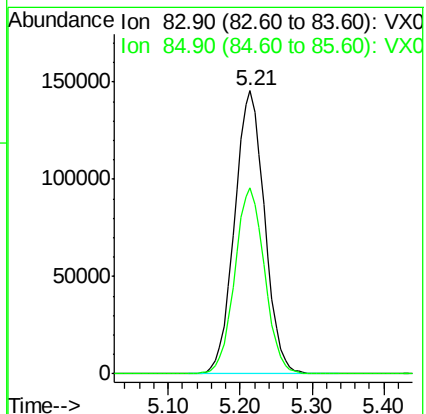
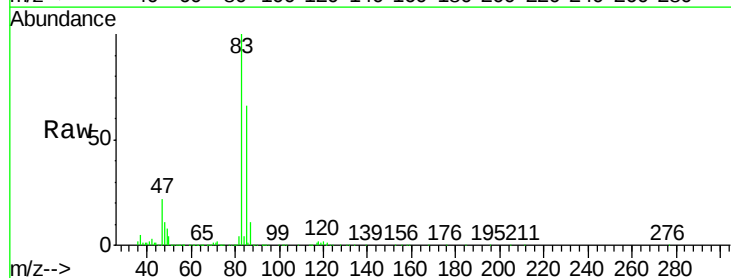
Acq: 28 Jan 2019 13:31

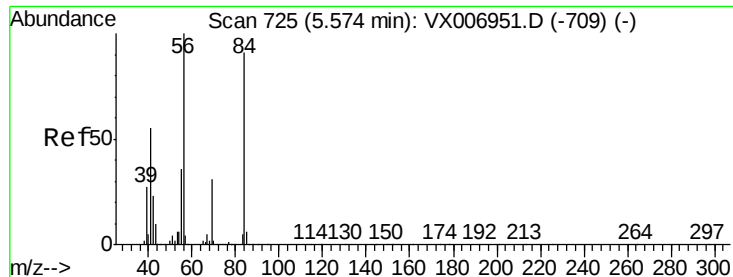
Tgt Ion: 83 Resp: 421626

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

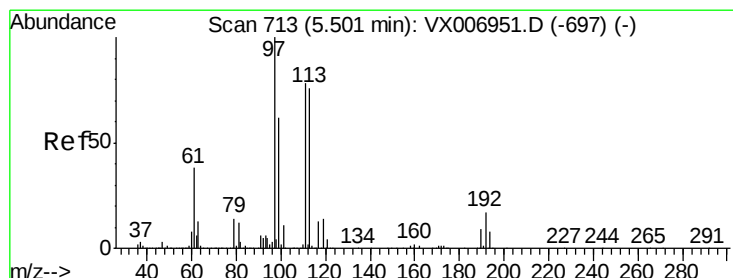
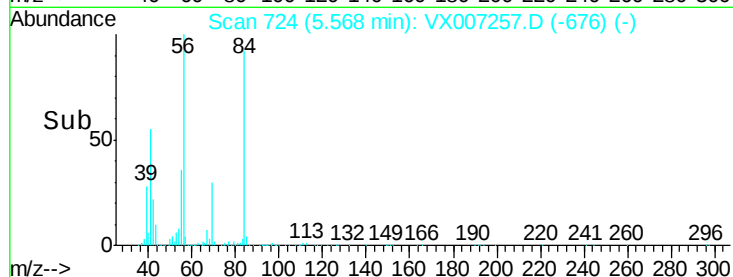
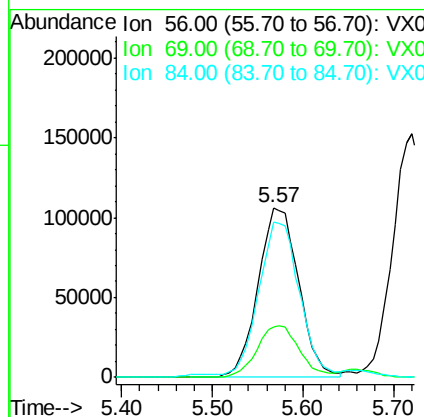
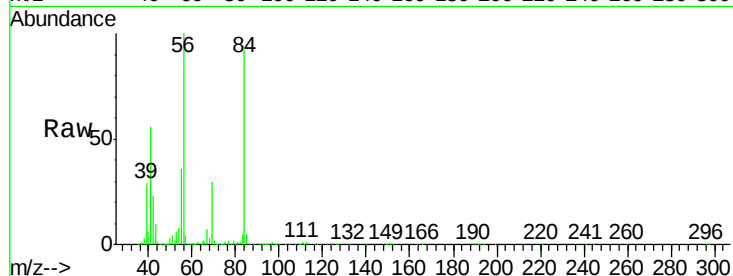




#31
Cyclohexane
Concen: 45.896 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

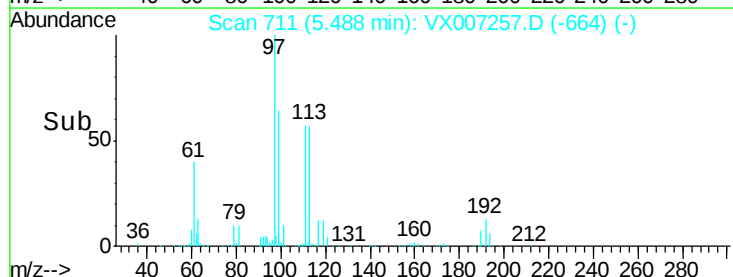
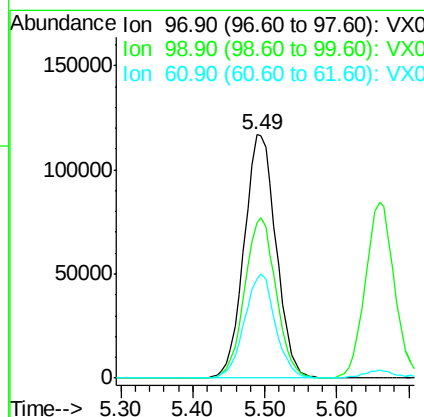
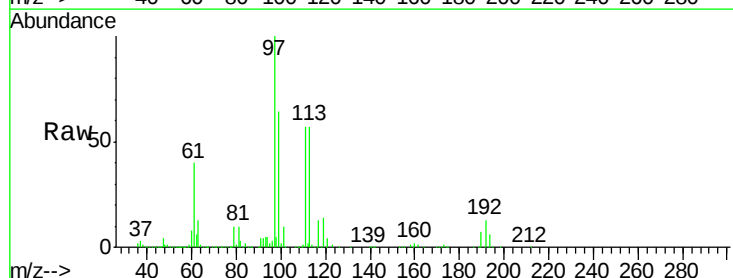
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

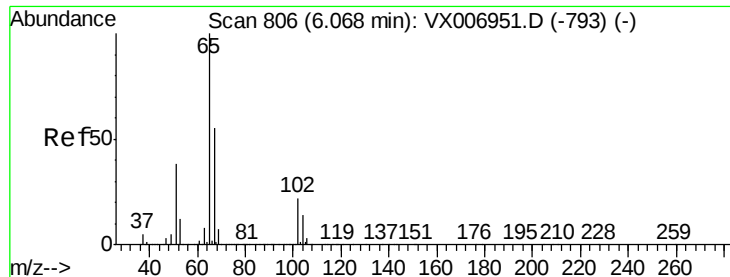
Tot Ion: 56 Resp: 328154
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 90.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.451 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 97 Resp: 359672
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 41.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.698 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

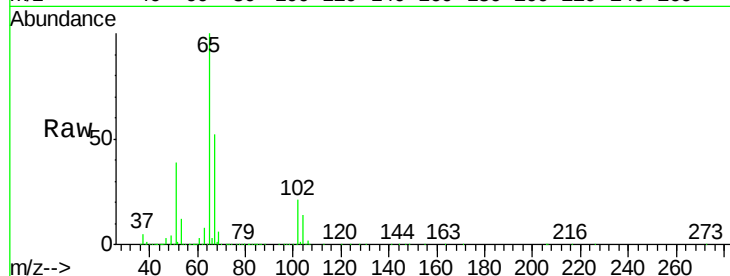
VSTDCCC050

Tot Ion: 65 Resp: 251988

Ion Ratio Lower Upper

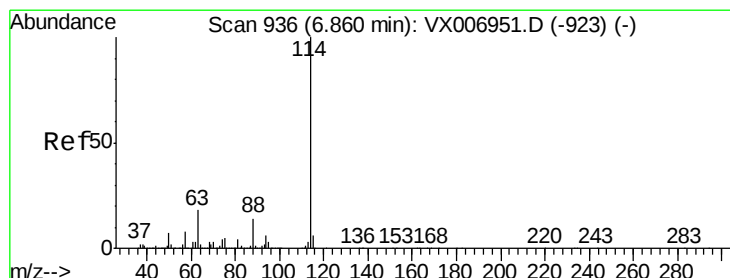
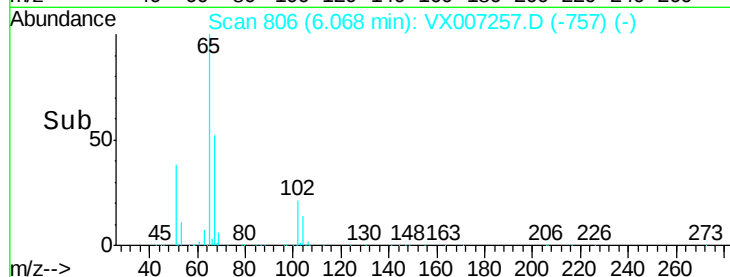
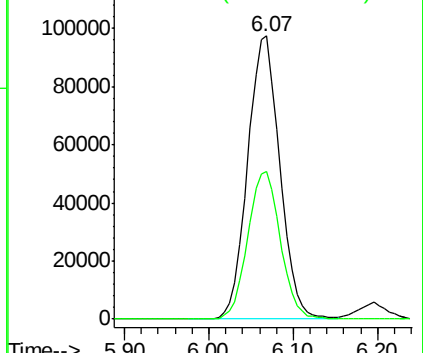
65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

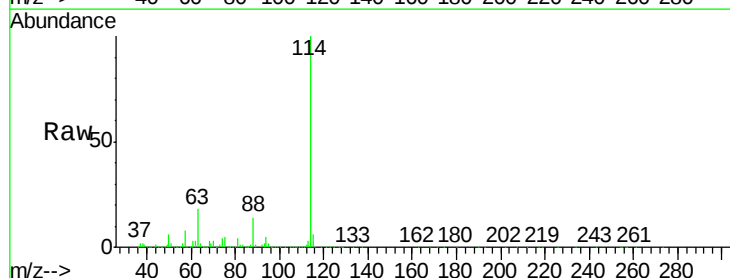
Tgt Ion: 114 Resp: 687057

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

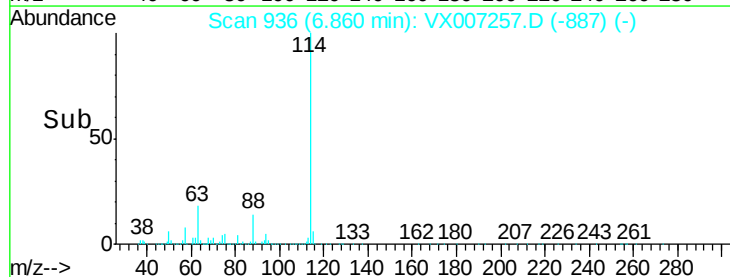
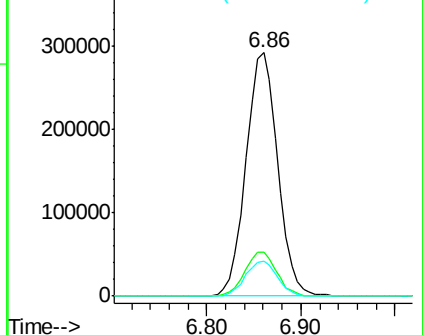
88 14.5 0.0 28.8

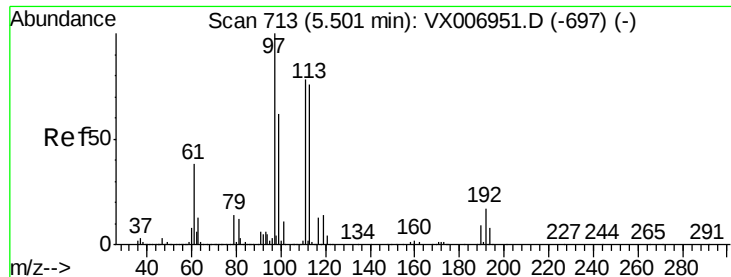


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.500 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

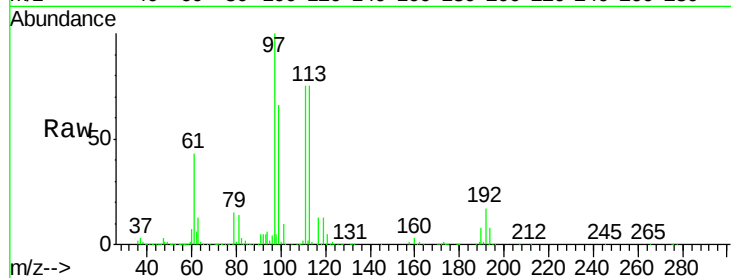
Tot Ion:113 Resp: 230993

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

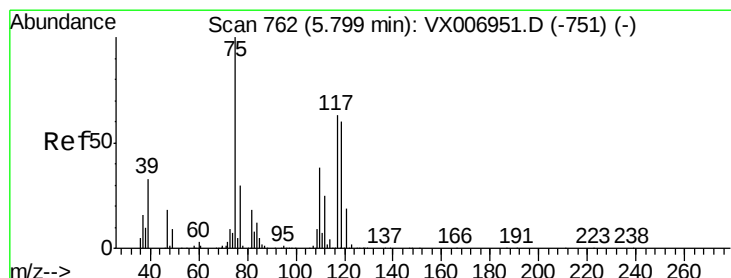
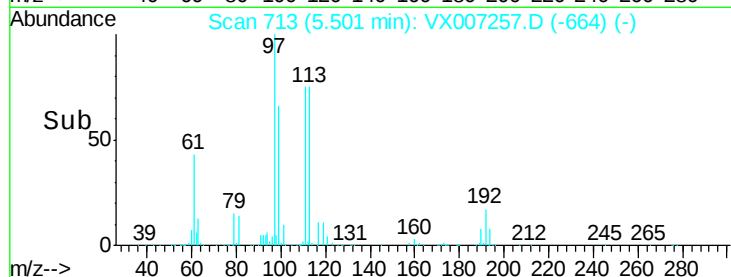
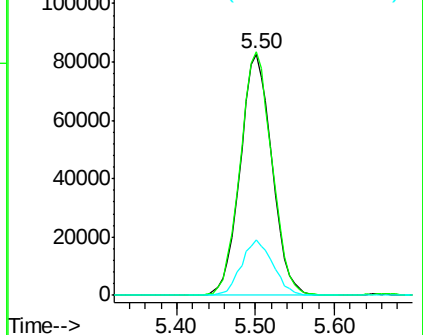
192 22.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.662 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

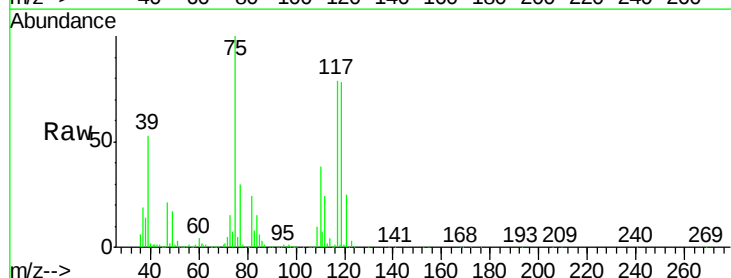
Tgt Ion: 75 Resp: 296649

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

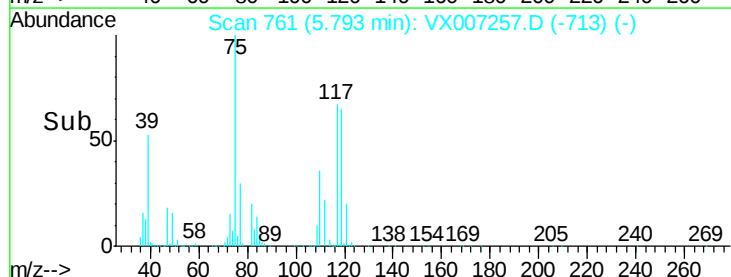
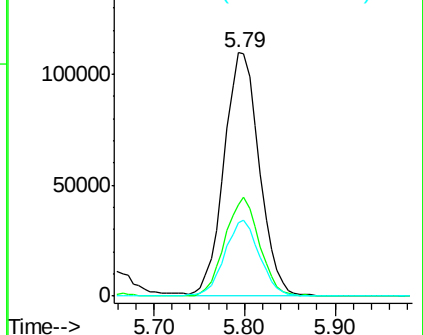
77 30.6 24.8 37.2

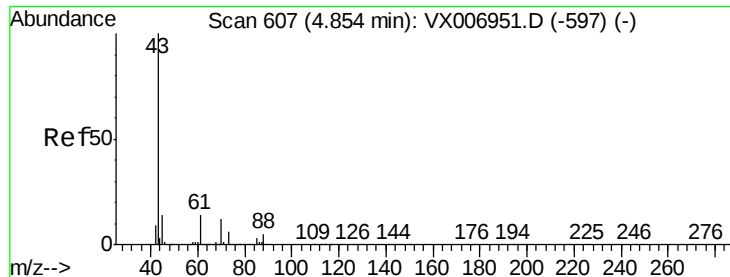


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

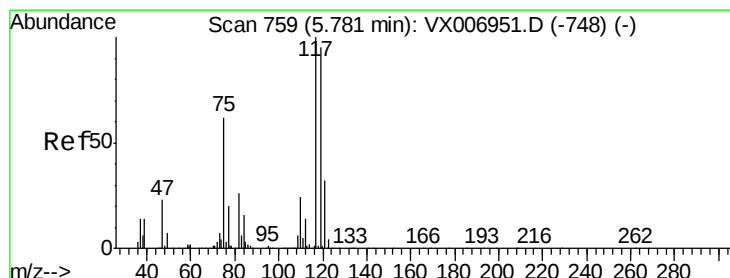
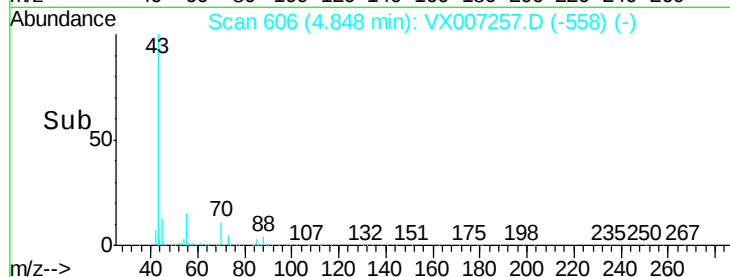
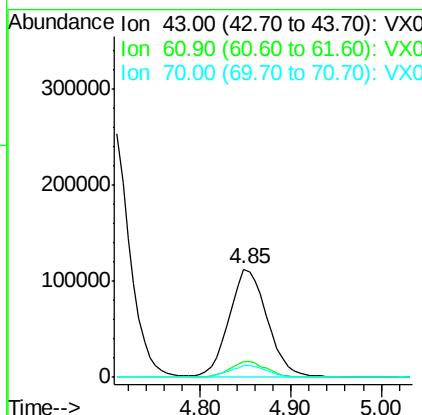
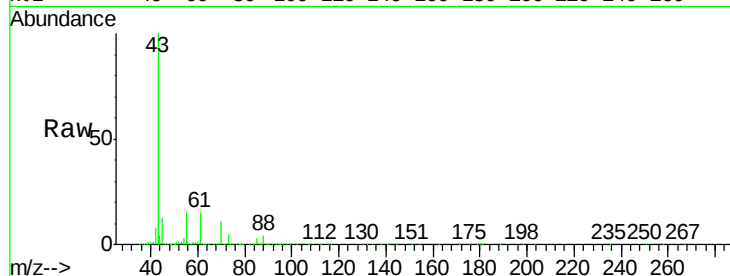




#37
Ethyl Acetate
Concen: 51.002 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

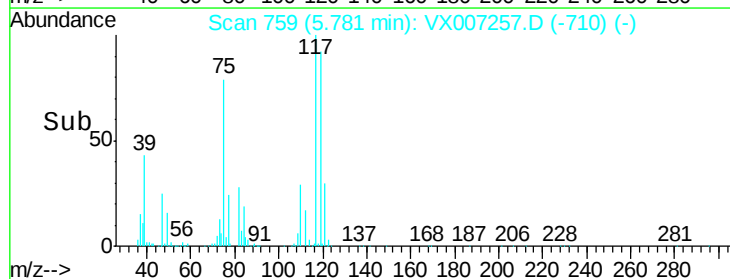
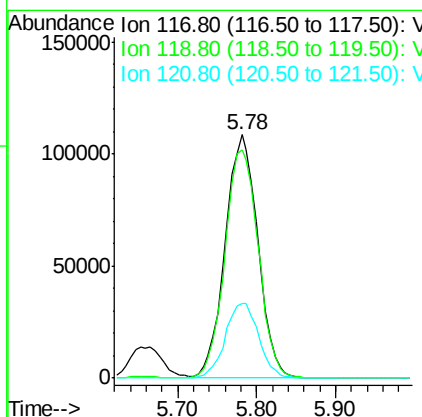
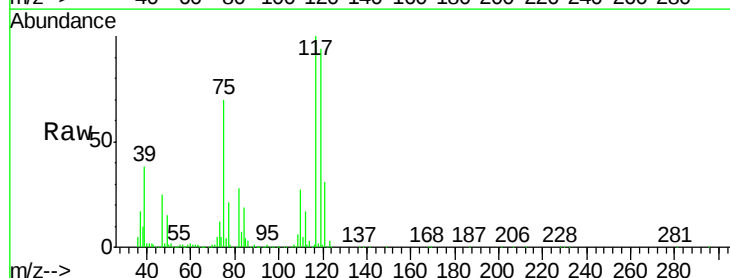
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

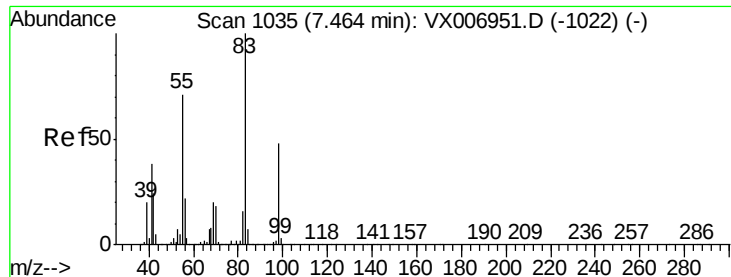
Tot Ion: 43 Resp: 326621
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 10.6 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.019 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 117 Resp: 312629
Ion Ratio Lower Upper
117 100
119 93.5 79.4 119.2
121 30.6 24.0 36.0

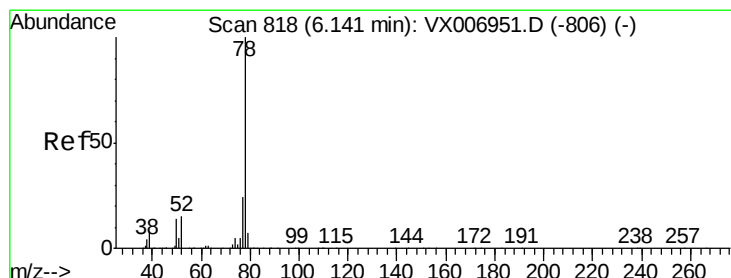
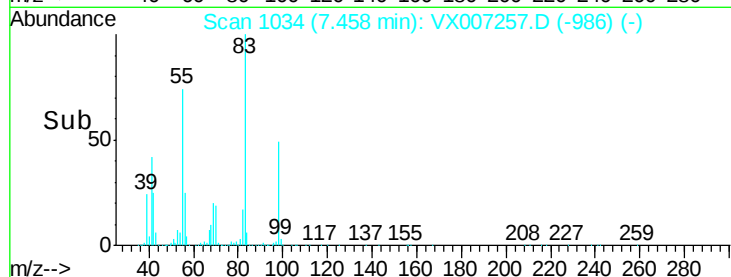
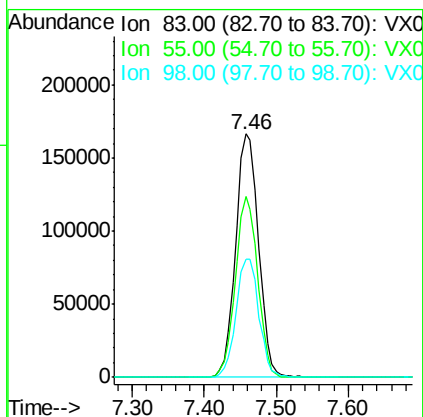
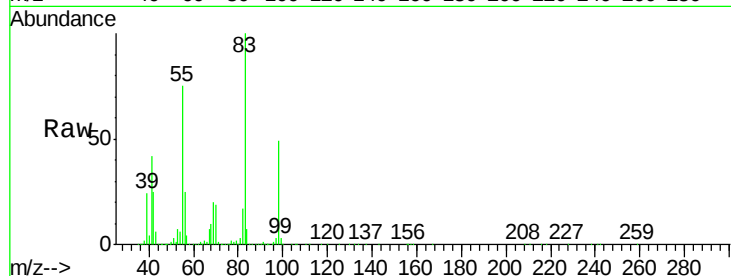




#39
Methvlcvclohexane
Concen: 48.306 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

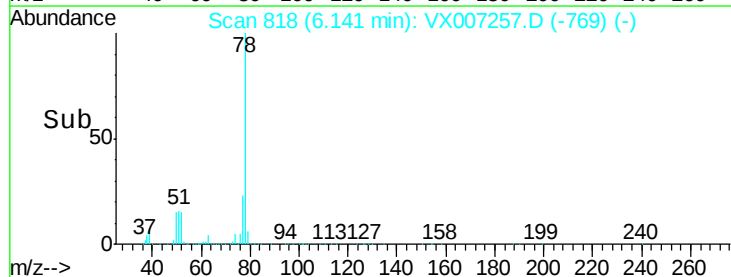
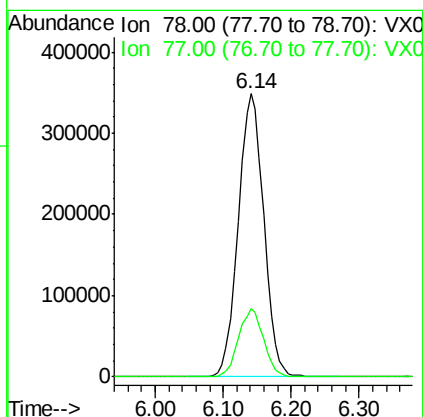
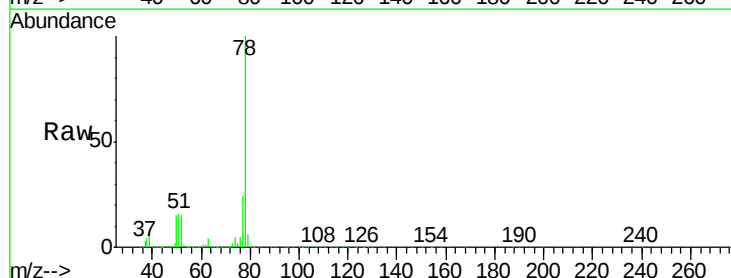
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

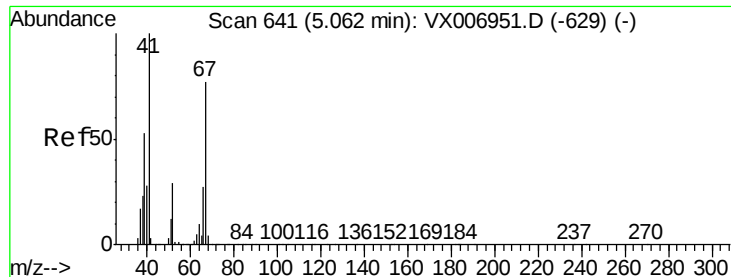
Tot Ion	83	Resp	367856
Ion	Ratio	Lower	Upper
83	100		
55	74.5	54.9	82.3
98	48.8	37.9	56.9



#40
Benzene
Concen: 49.779 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion	78	Resp	907309
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 50.431 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 186052

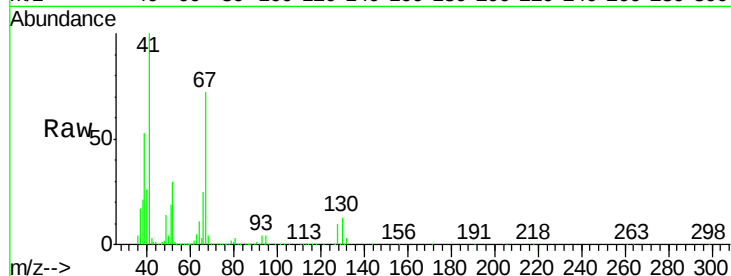
Ion Ratio Lower Upper

41 100

39 53.9 42.8 64.2

67 74.5 62.1 93.1

52 29.4 23.4 35.0

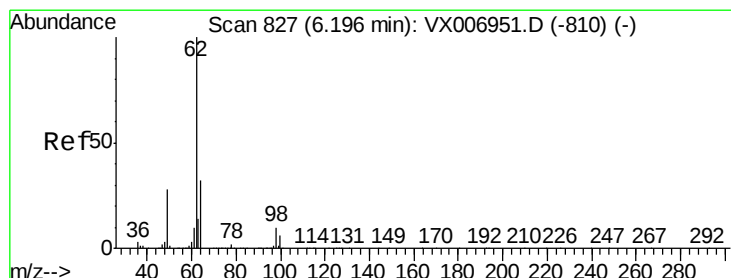
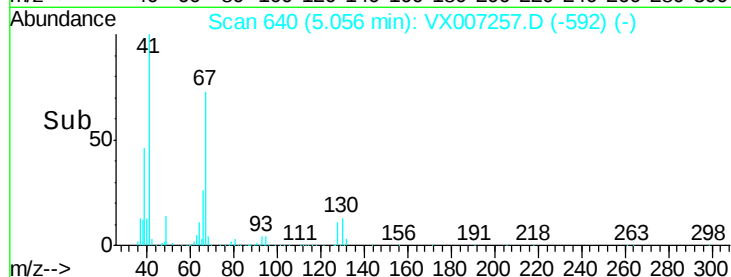
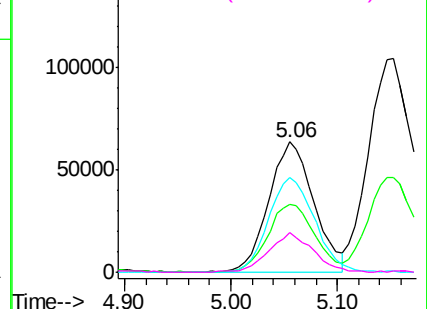


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.640 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007257.D

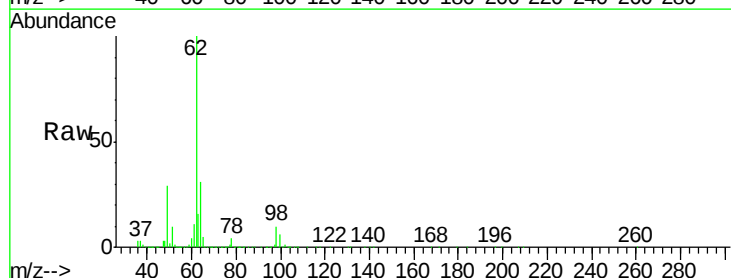
Acq: 28 Jan 2019 13:31

Tgt Ion: 62 Resp: 318953

Ion Ratio Lower Upper

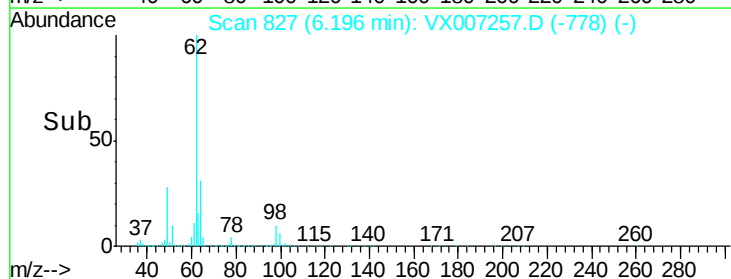
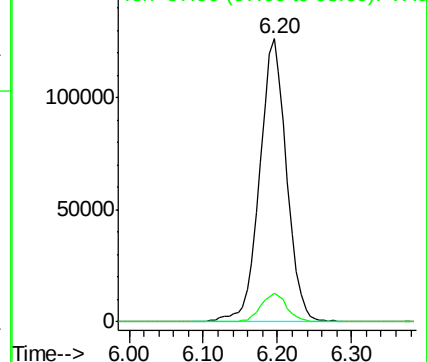
62 100

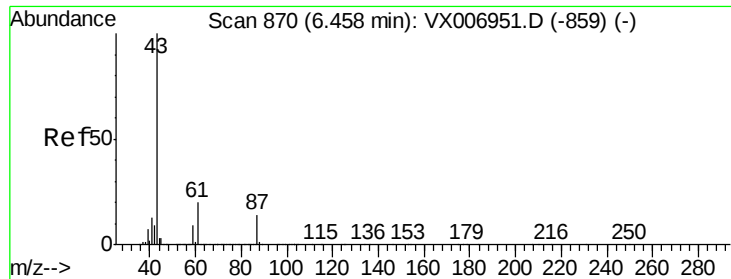
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



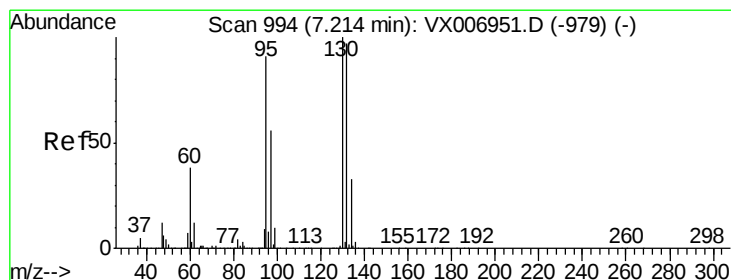
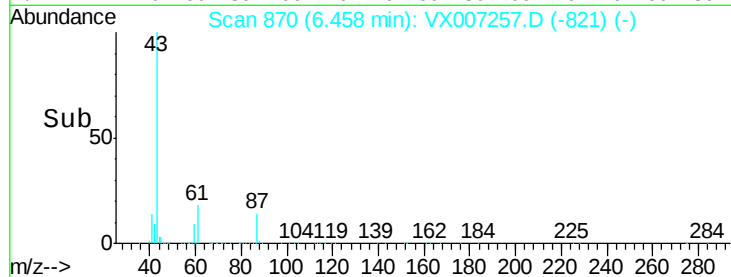
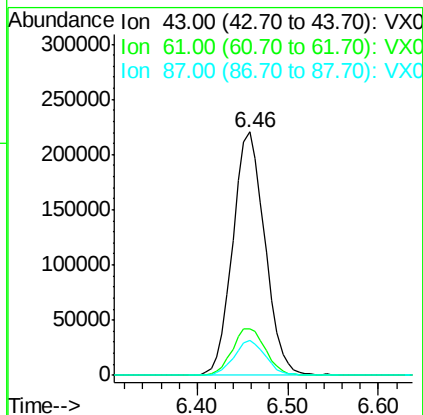
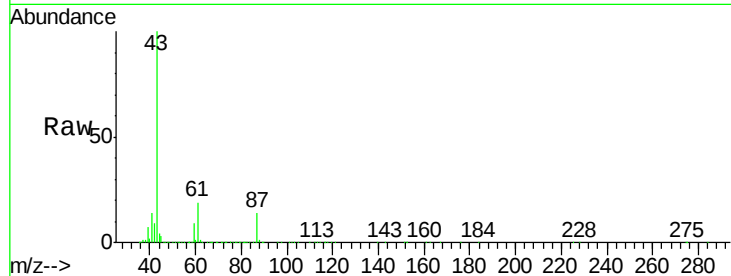


#43

Isopropyl Acetate
 Concen: 53.598 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

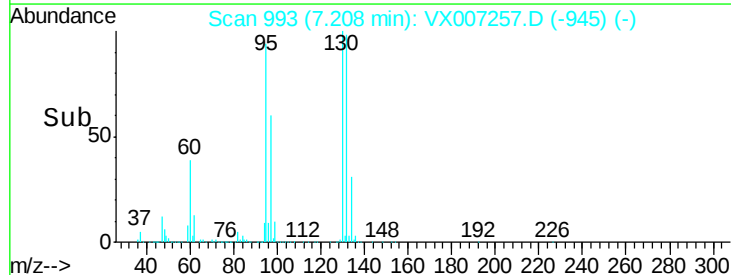
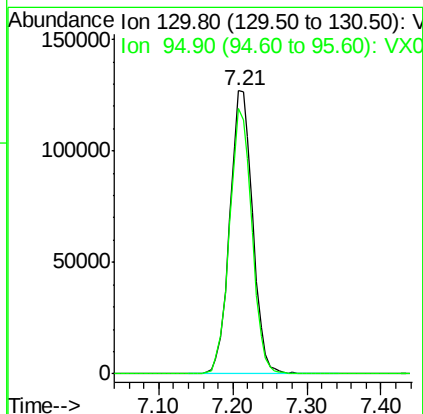
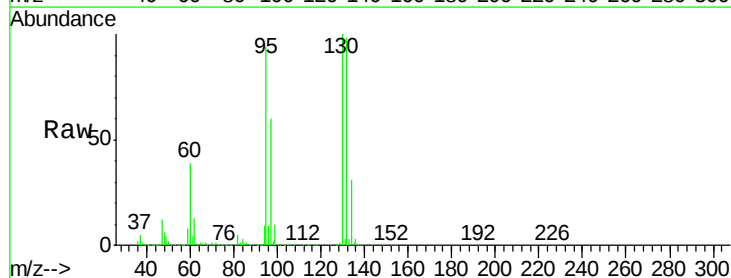
Tot Ion	43	Resp	541417
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.8	25.2
87	14.0	12.4	18.6

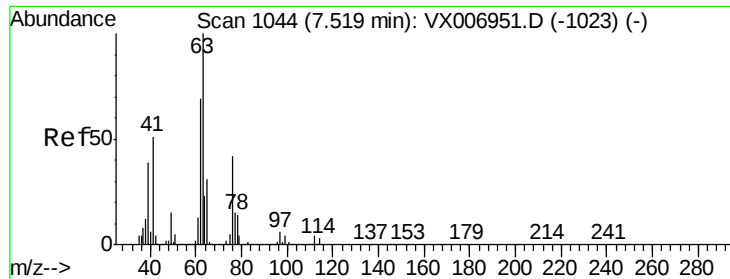


#44

Trichloroethene
 Concen: 50.209 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion	130	Resp	274230
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	187.0

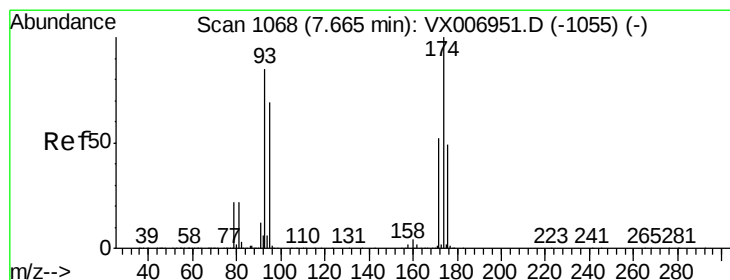
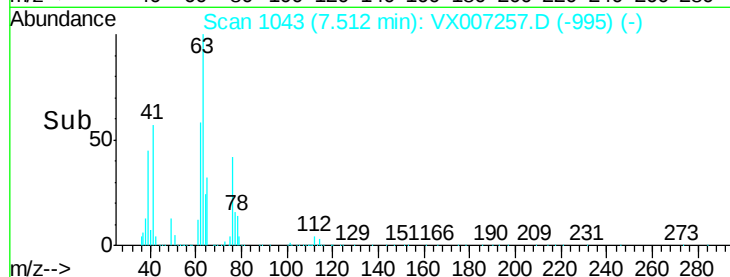
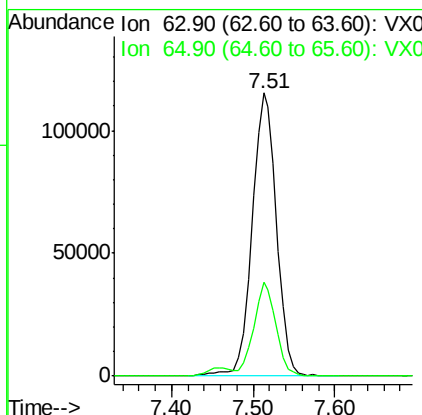
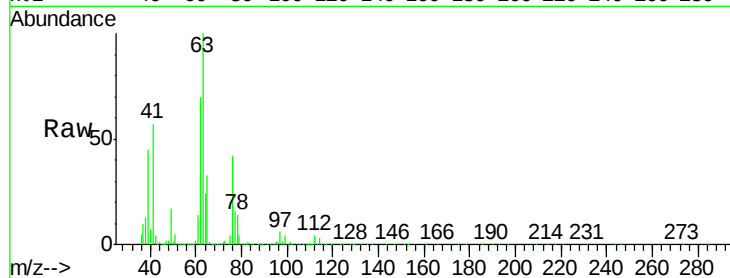




#45
 1,2-Dichloropropane
 Concen: 52.527 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

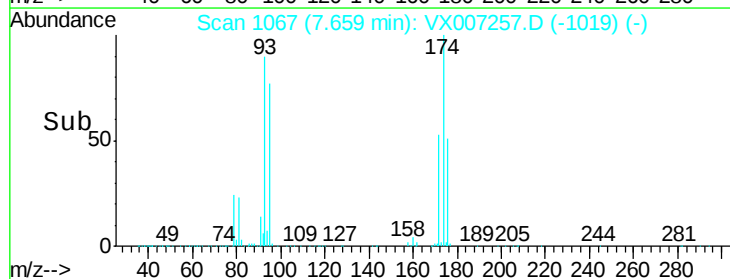
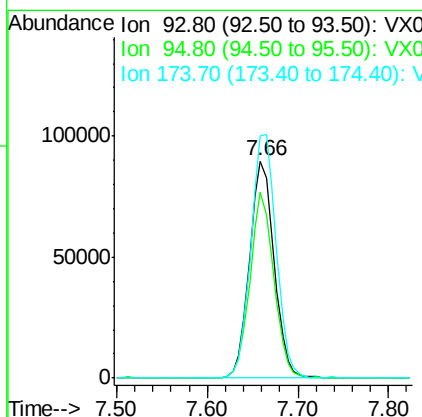
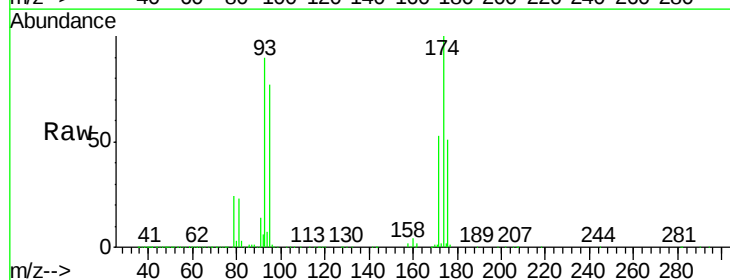
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

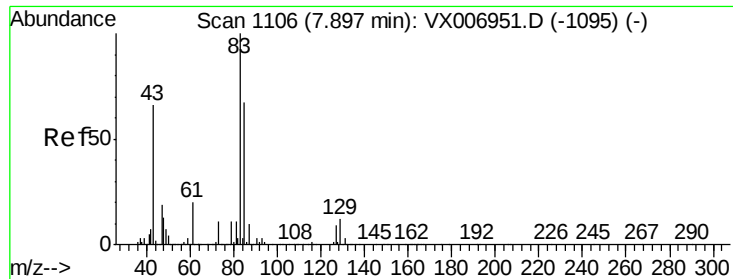
Tot Ion: 63 Resp: 240693
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.4 38.0



#46
 Dibromomethane
 Concen: 52.288 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion: 93 Resp: 168390
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.4
 174 115.8 91.0 136.4





#47

Bromodichloromethane

Concen: 56.296 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

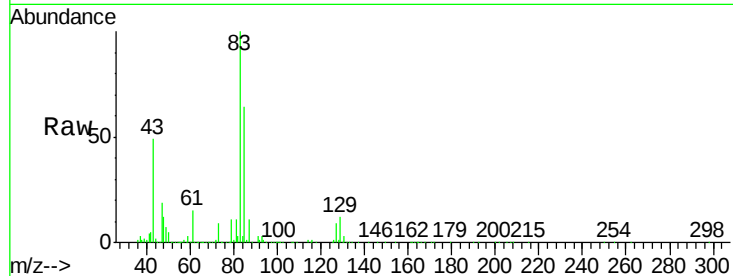
Tot Ion: 83 Resp: 308592

Ion Ratio Lower Upper

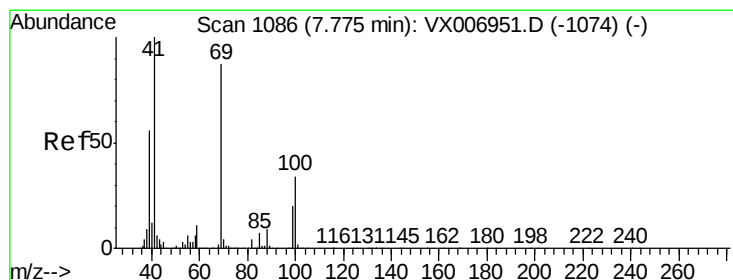
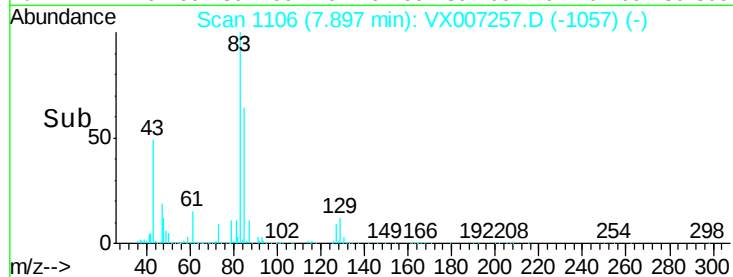
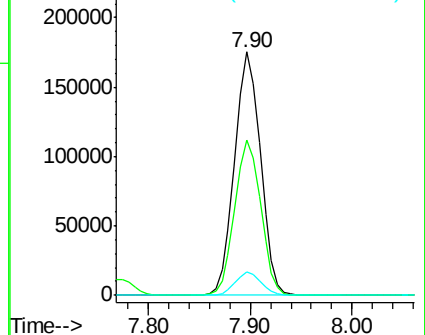
83 100

85 63.5 53.2 79.8

127 9.3 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.088 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

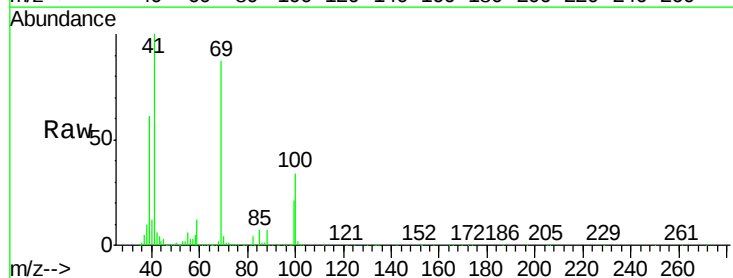
Tgt Ion: 41 Resp: 275393

Ion Ratio Lower Upper

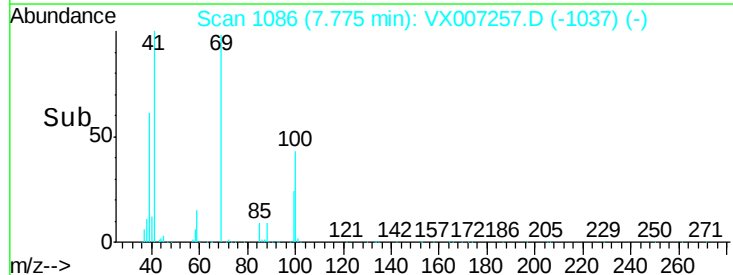
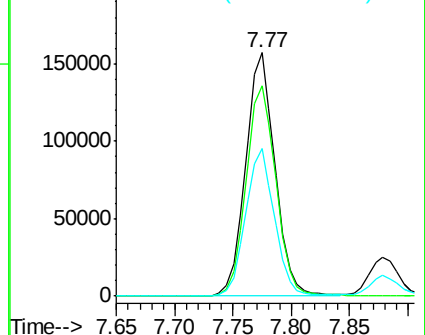
41 100

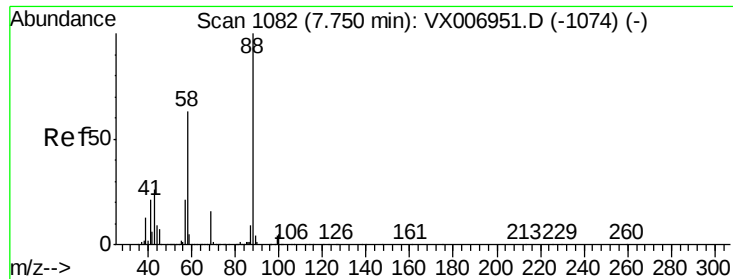
69 88.7 72.4 108.6

39 59.7 45.8 68.8



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: 962.380 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

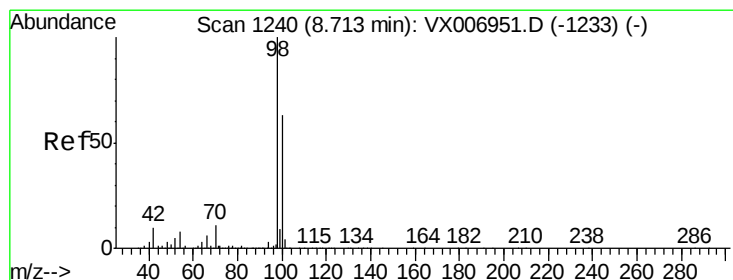
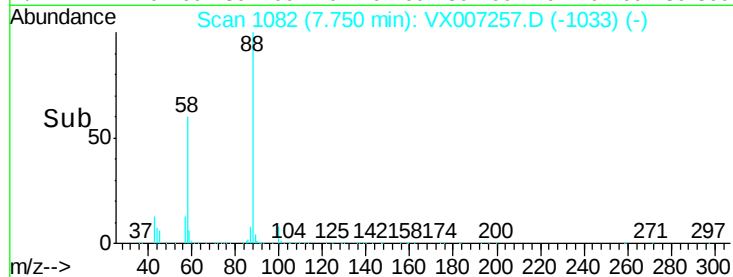
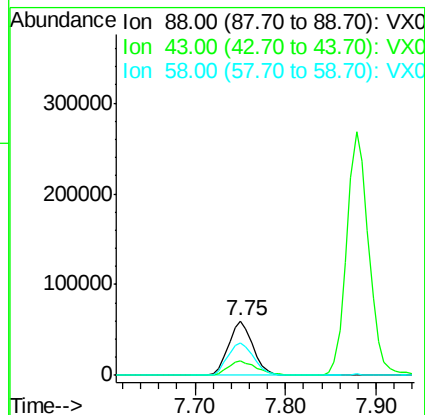
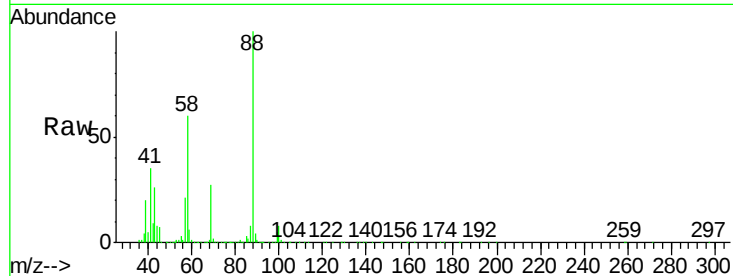
Tot Ion: 88 Resp: 114048

Ion Ratio Lower Upper

88 100

43 29.5 22.2 33.4

58 62.9 51.0 76.4



#50

Toluene-d8

Concen: 52.724 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007257.D

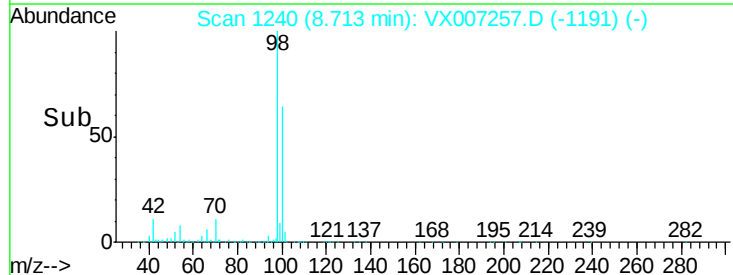
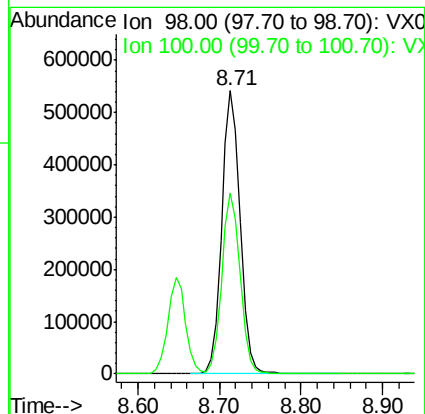
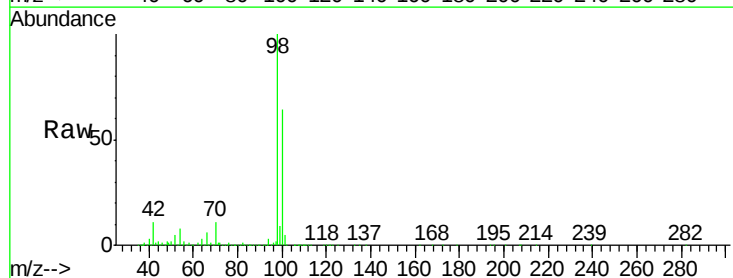
Acq: 28 Jan 2019 13:31

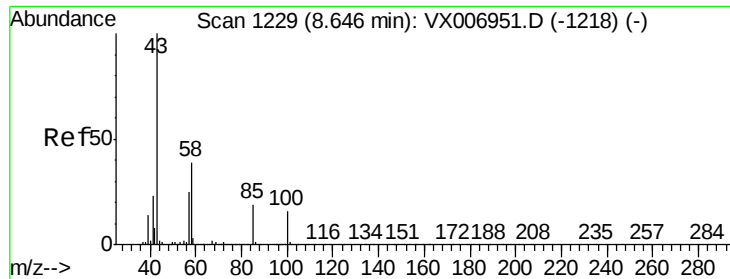
Tgt Ion: 98 Resp: 849107

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 271.507 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

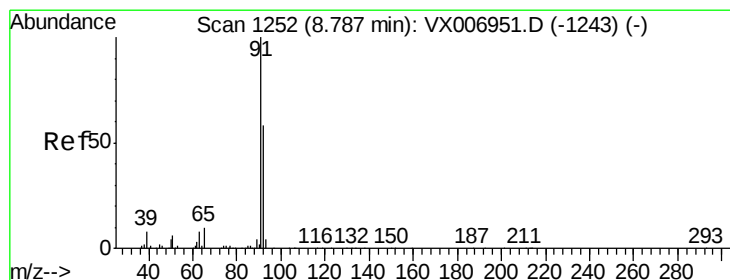
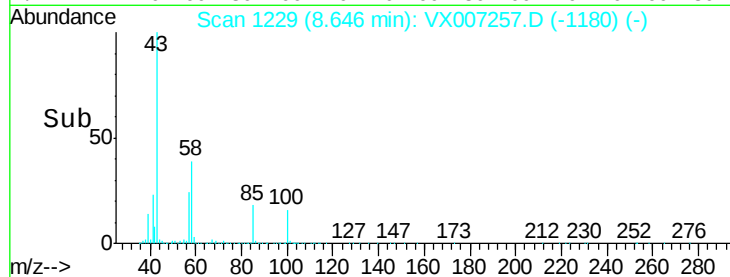
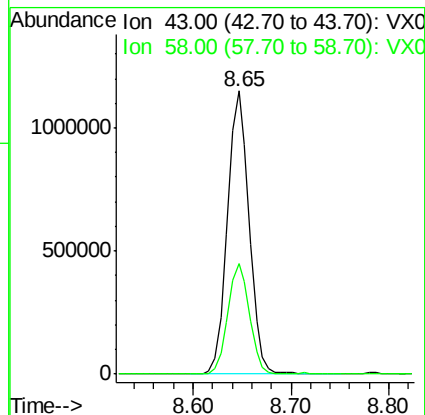
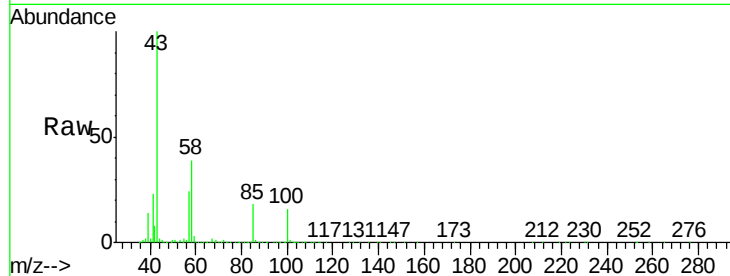
VSTDCCC050

Tot Ion: 43 Resp: 1762575

Ion Ratio Lower Upper

43 100

58 39.0 31.8 47.6



#52

Toluene

Concen: 51.863 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007257.D

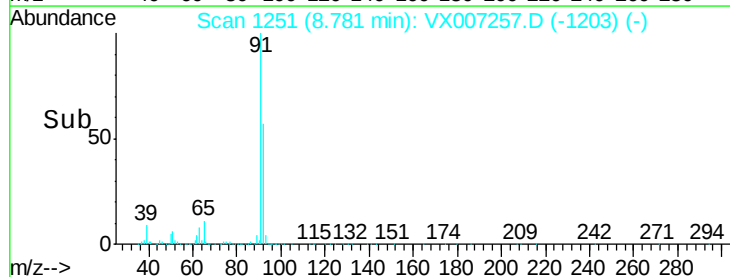
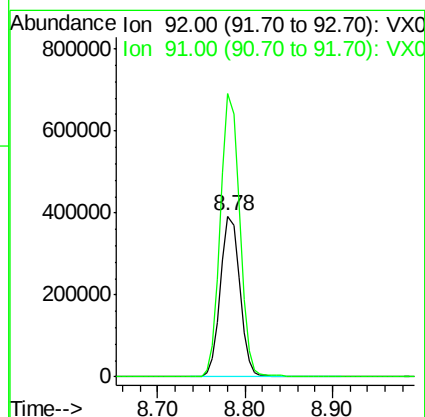
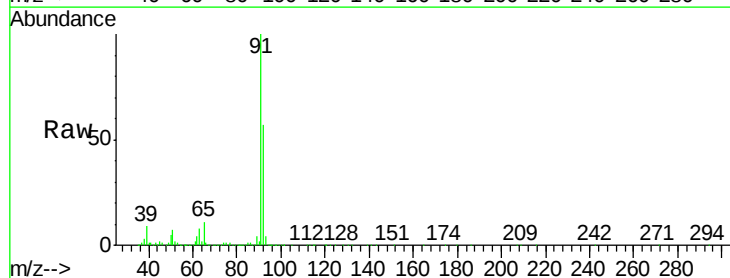
Acq: 28 Jan 2019 13:31

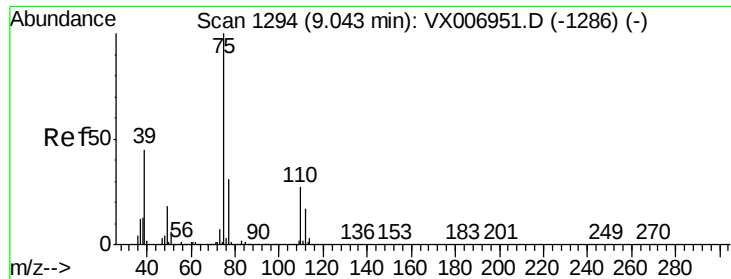
Tgt Ion: 92 Resp: 607574

Ion Ratio Lower Upper

92 100

91 174.2 137.6 206.4

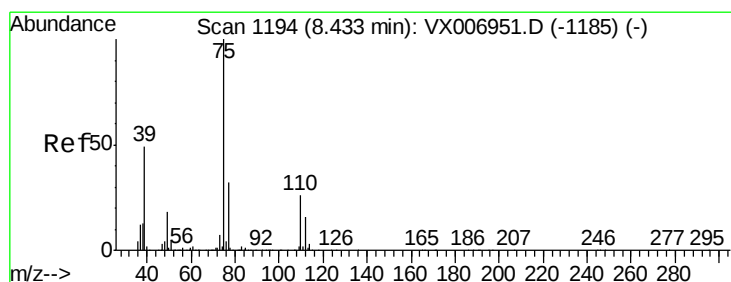
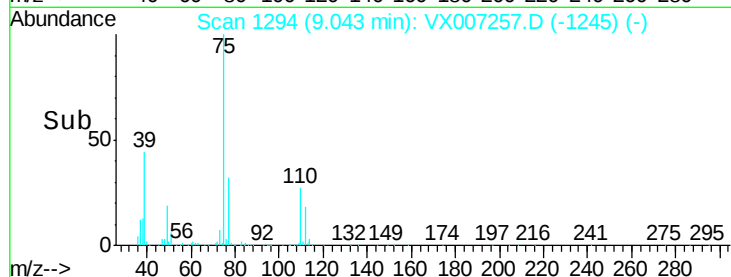
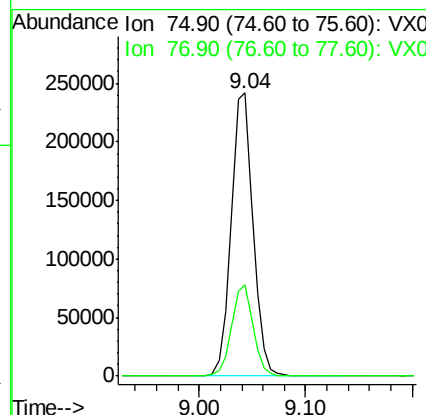
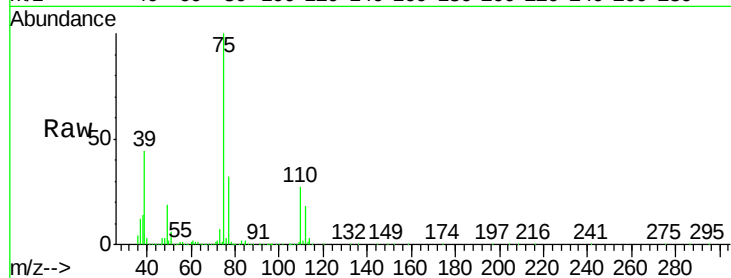




#53
t-1,3-Dichloropropene
Concen: 57.340 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

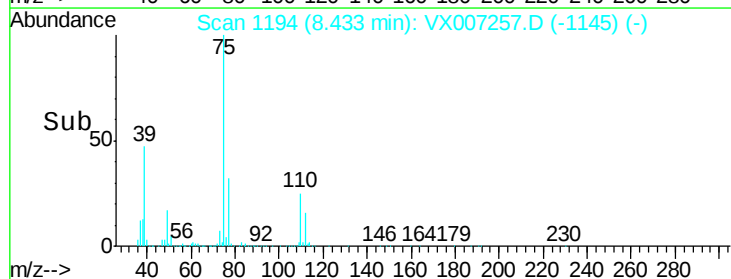
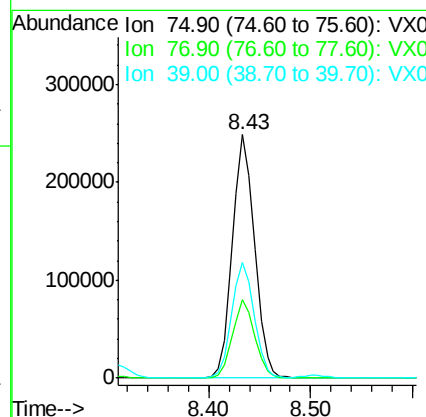
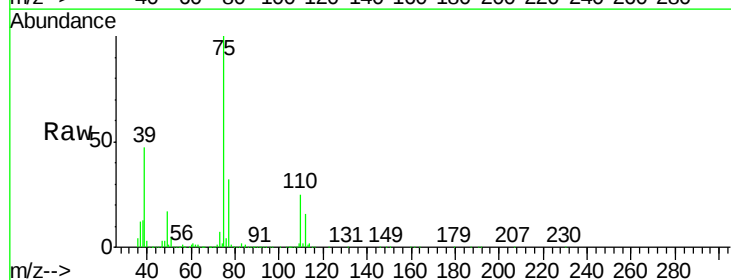
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

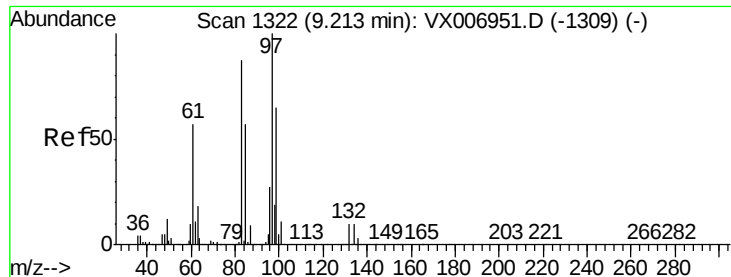
Tot Ion: 75 Resp: 348534
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 55.739 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 75 Resp: 374157
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 47.3 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 55.420 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 259867

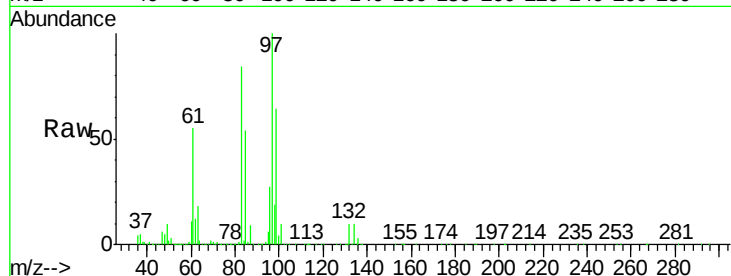
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.6	99.8
85	54.1	42.7	64.1
99	63.7	50.8	76.2

97 100

83 84.3 66.6 99.8

85 54.1 42.7 64.1

99 63.7 50.8 76.2

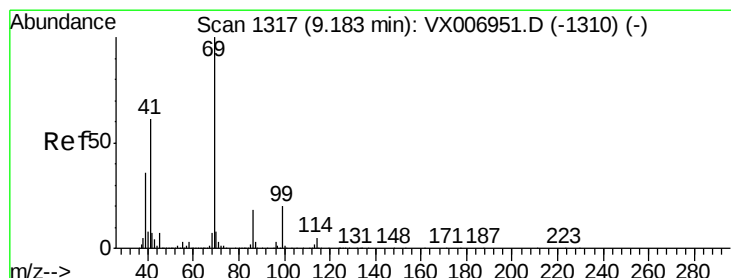
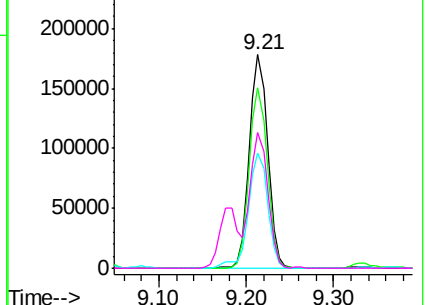
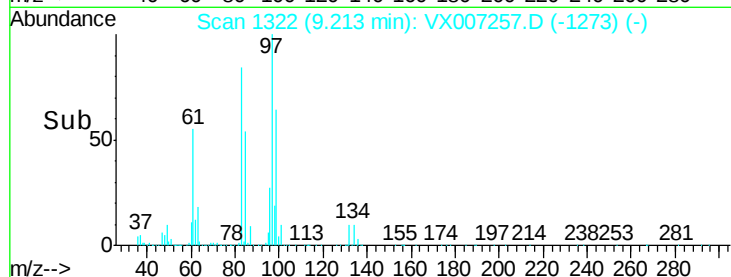


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.144 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

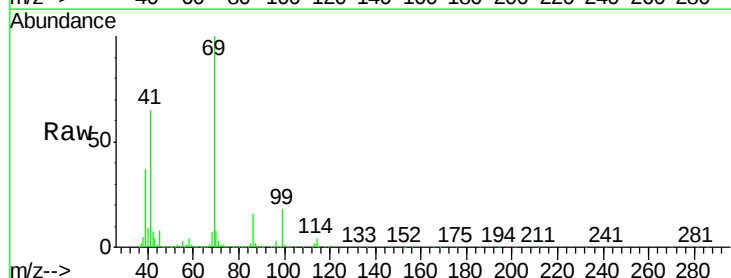
Tgt Ion: 69 Resp: 377479

Ion	Ratio	Lower	Upper
69	100		
41	64.3	48.7	73.1
39	37.4	27.0	40.6

69 100

41 64.3 48.7 73.1

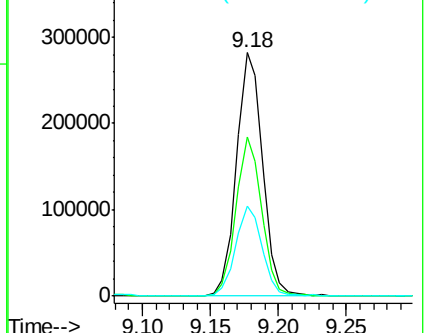
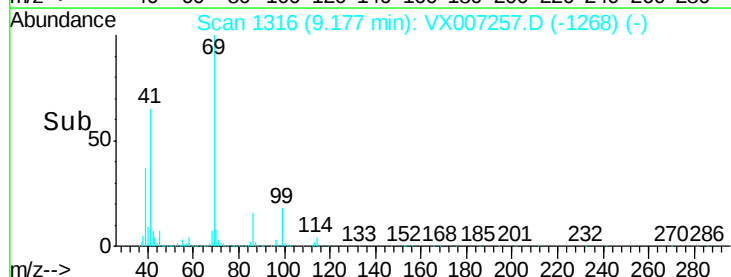
39 37.4 27.0 40.6

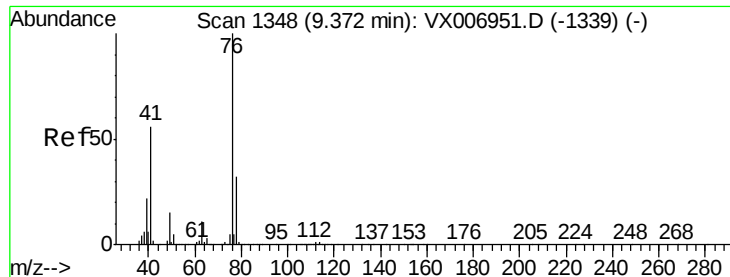


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.529 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

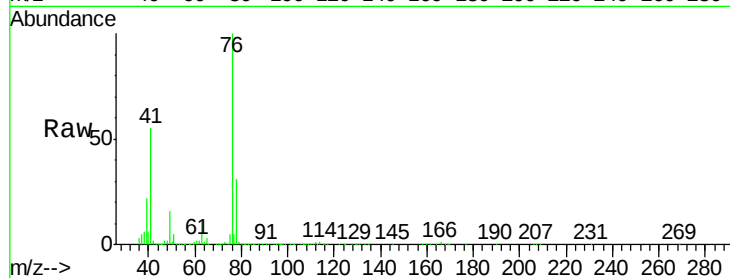
VSTDCCC050

Tot Ion: 76 Resp: 411203

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

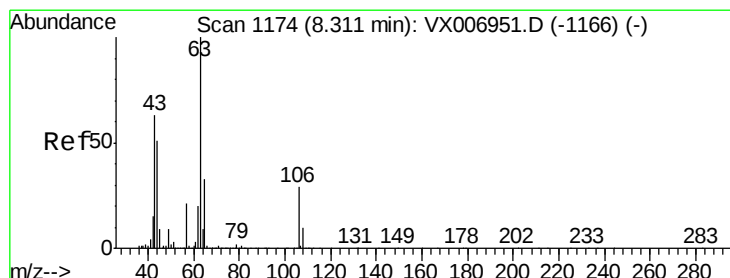
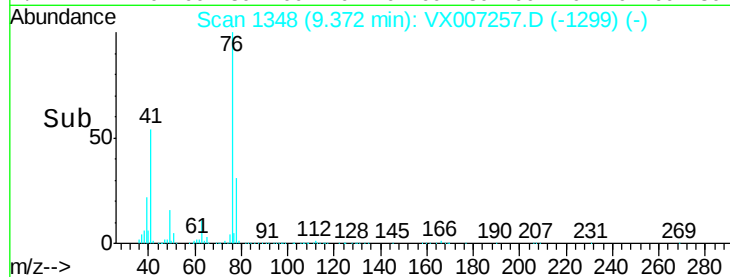
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.159 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007257.D

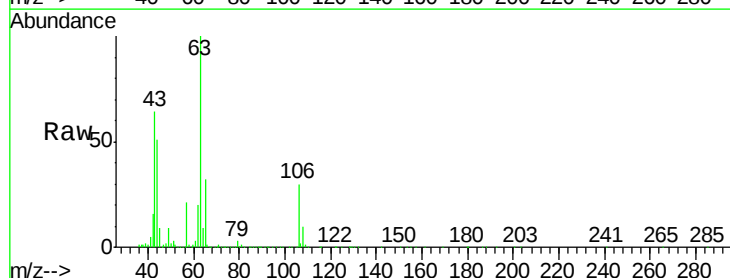
Acq: 28 Jan 2019 13:31

Tgt Ion: 63 Resp: 915655

Ion Ratio Lower Upper

63 100

106 29.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

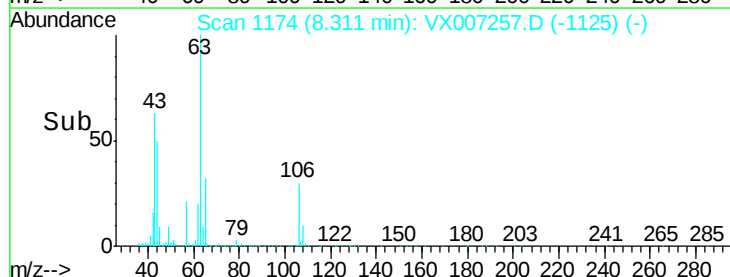
600000

400000

200000

0

Time-->

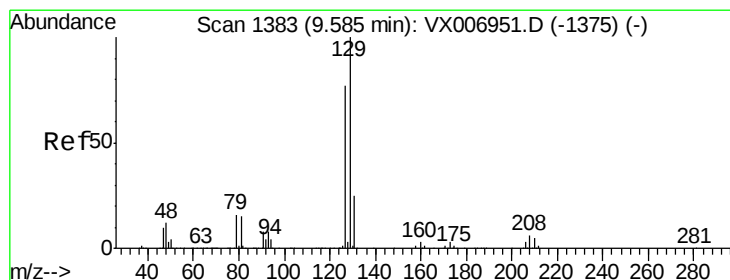
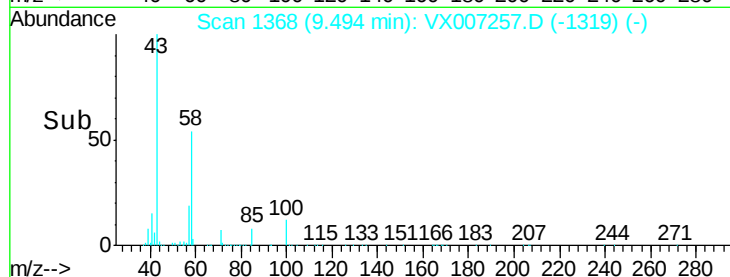
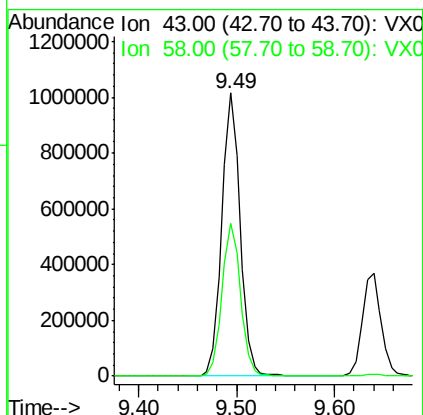
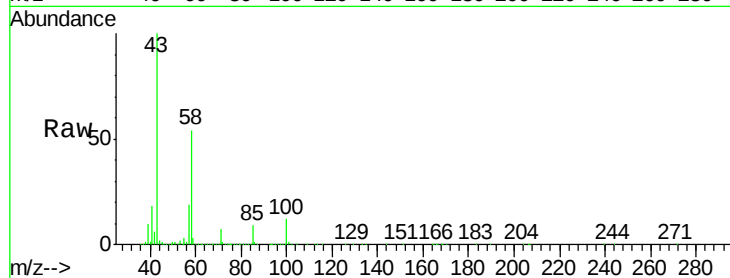




#59
2-Hexanone
Concen: 268.168 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

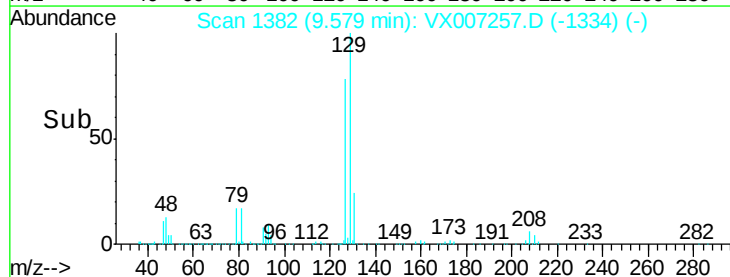
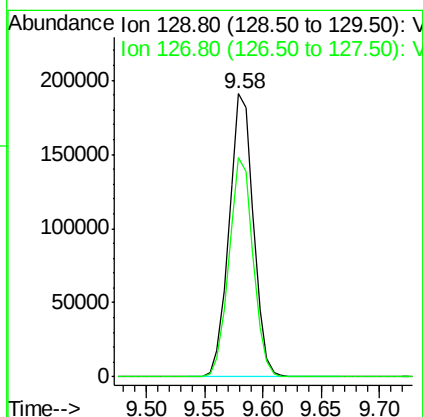
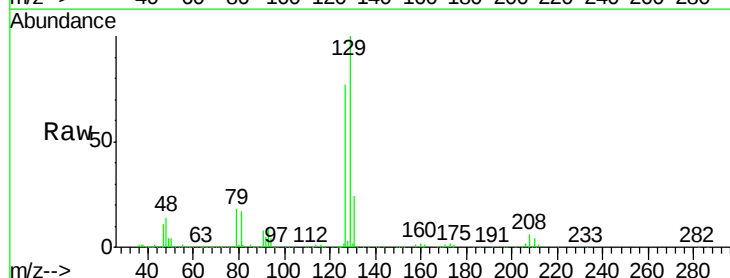
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

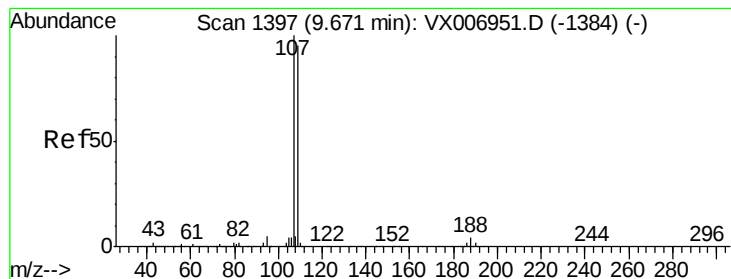
Tot Ion: 43 Resp: 1326663
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 60.805 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 129 Resp: 276857
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.905 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

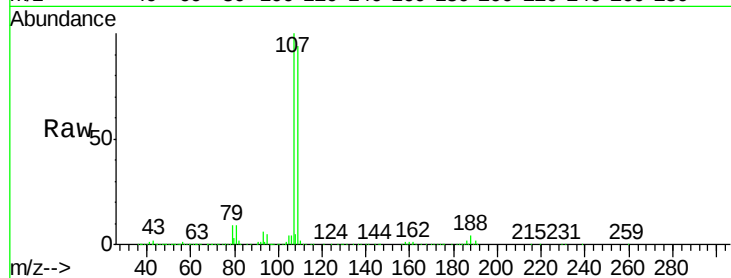
VSTDCCC050

Tot Ion:107 Resp: 278265

Ion Ratio Lower Upper

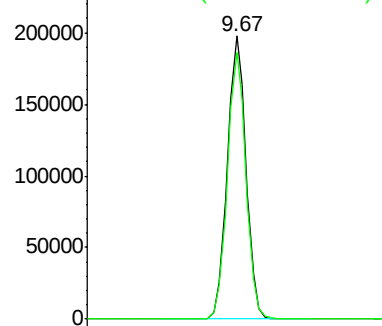
107 100

109 93.4 75.8 113.6

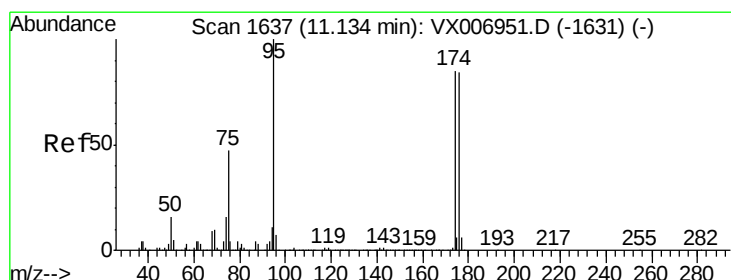
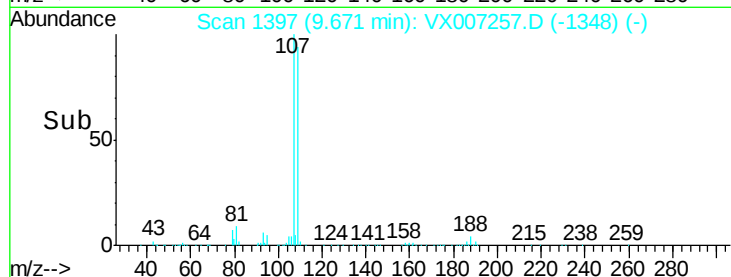


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 55.873 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

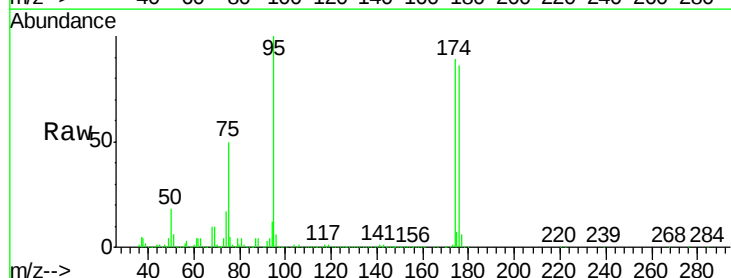
Tgt Ion: 95 Resp: 313702

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

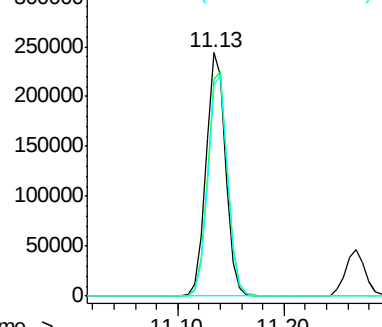
176 91.5 0.0 178.8



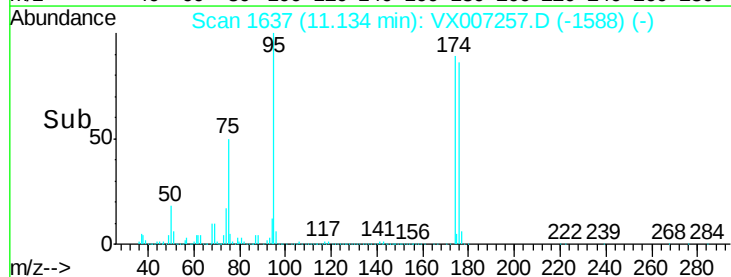
Abundance Ion 94.90 (94.60 to 95.60): VX0

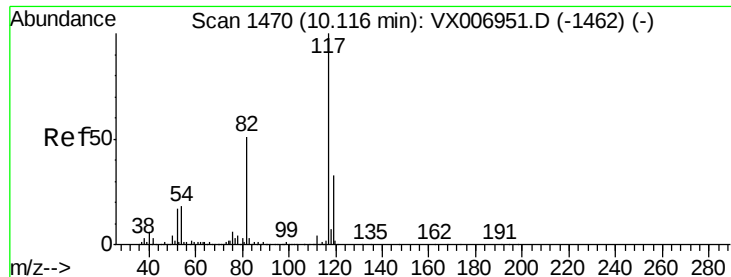
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

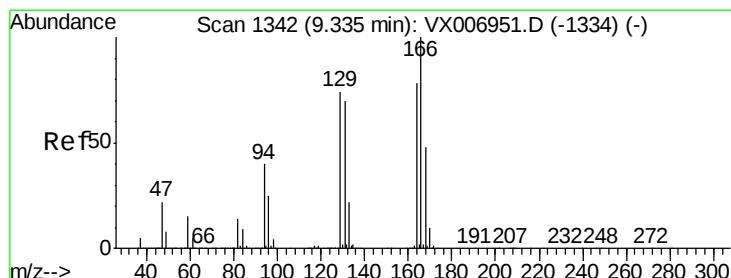
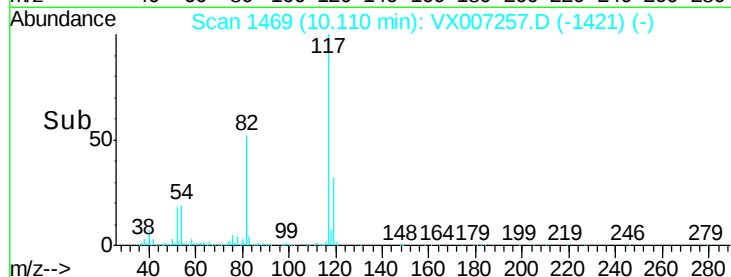
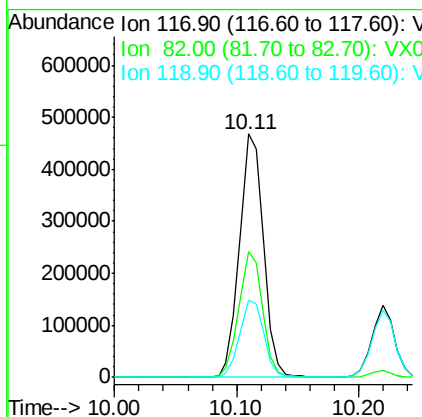
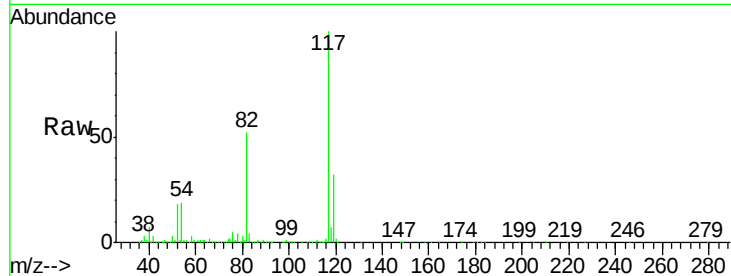




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

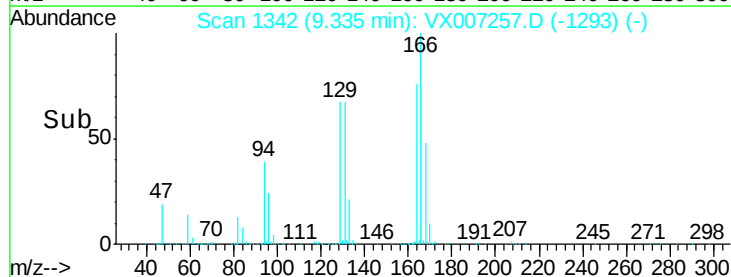
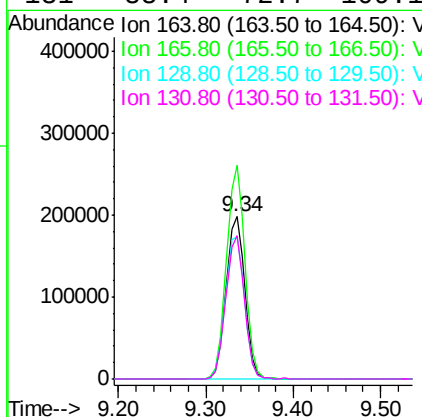
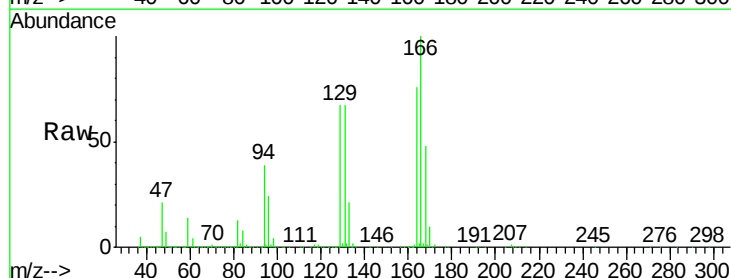
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

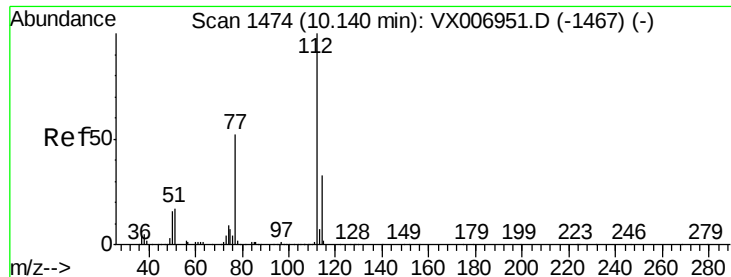
Tot Ion:117 Resp: 635009
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 53.621 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion:164 Resp: 294795
Ion Ratio Lower Upper
164 100
166 131.6 102.5 153.7
129 87.9 75.1 112.7
131 88.4 72.7 109.1





#65

Chlorobenzene

Concen: 51.643 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

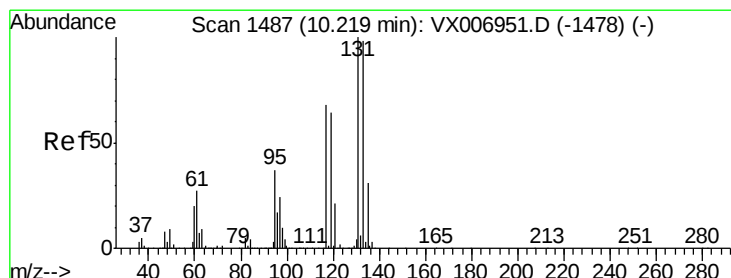
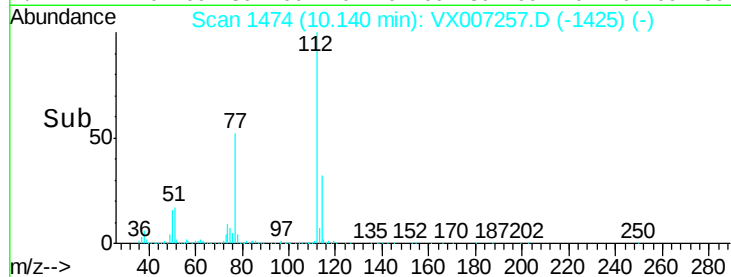
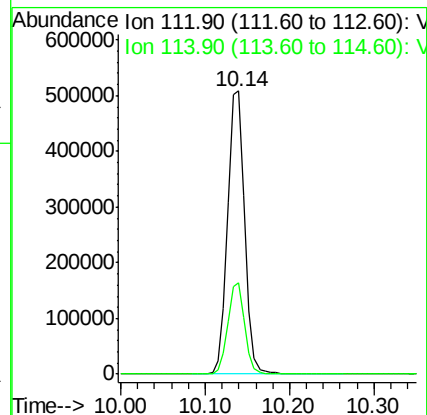
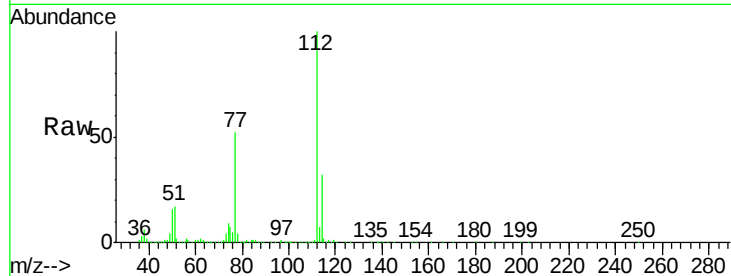
VSTDCCC050

Tot Ion:112 Resp: 715250

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 56.591 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

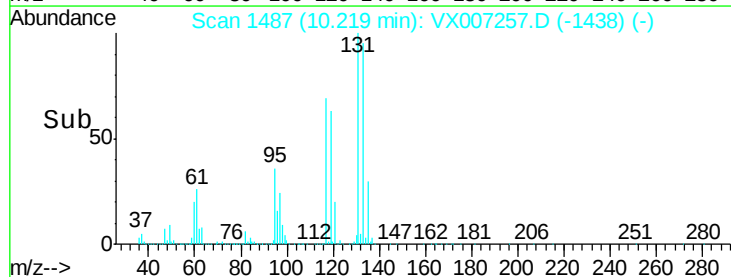
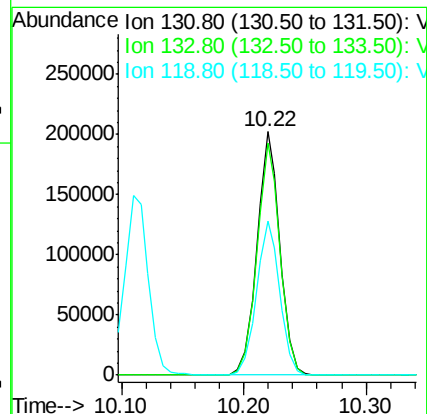
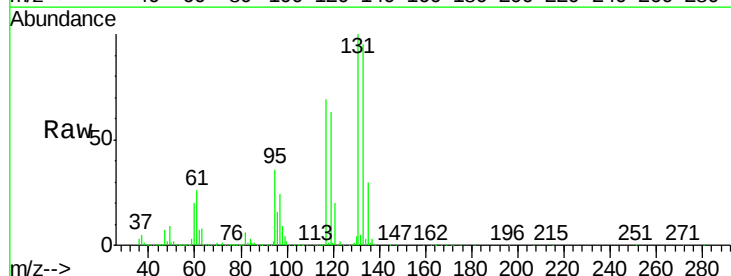
Tgt Ion:131 Resp: 263665

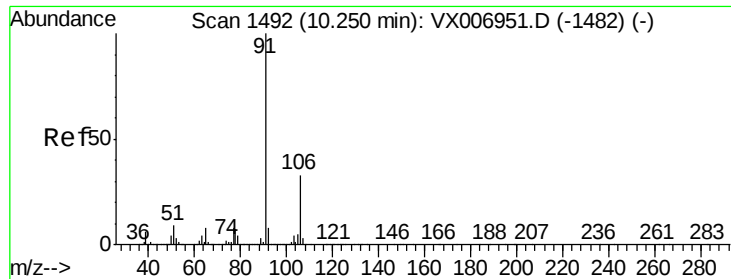
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 64.5 32.6 97.8





#67

Ethyl Benzene

Concen: 51.744 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

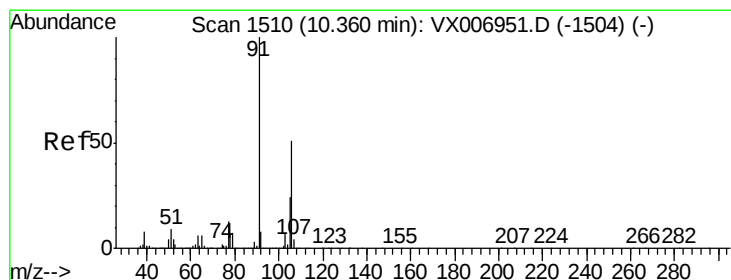
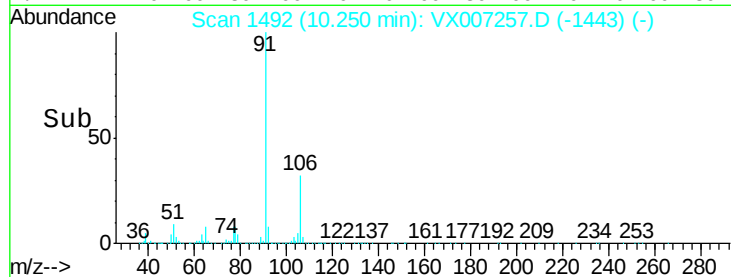
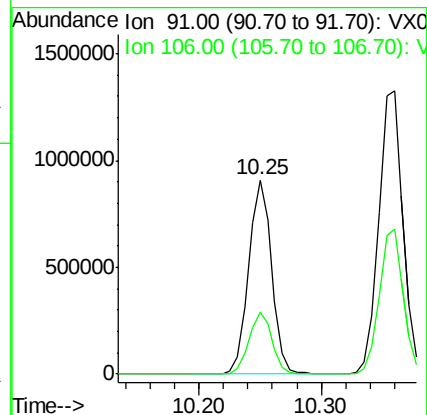
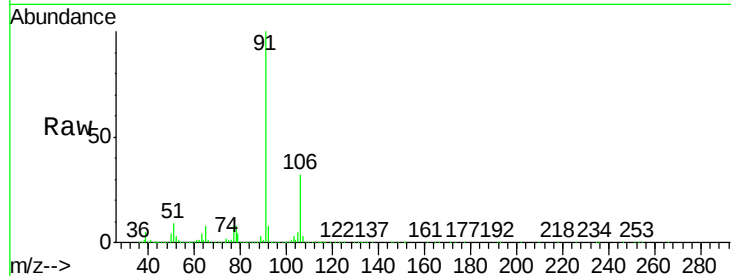
VSTDCCC050

Tot Ion: 91 Resp: 1183100

Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6



#68

m/p-Xylenes

Concen: 103.009 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007257.D

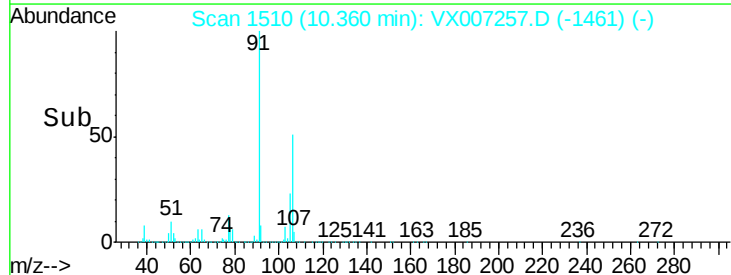
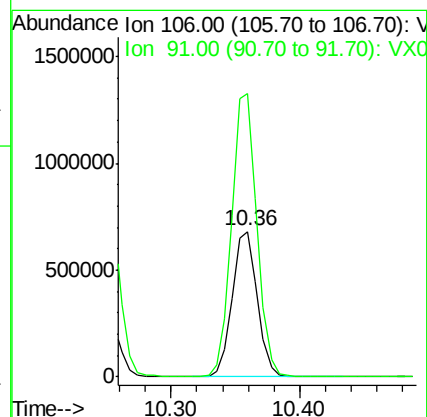
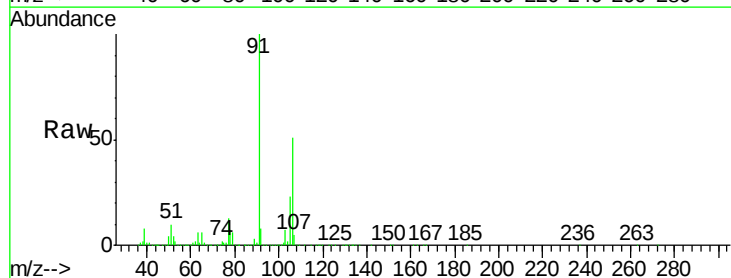
Acq: 28 Jan 2019 13:31

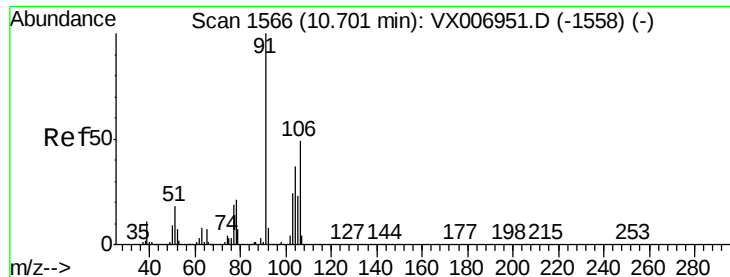
Tgt Ion: 106 Resp: 927933

Ion Ratio Lower Upper

106 100

91 196.7 155.8 233.6

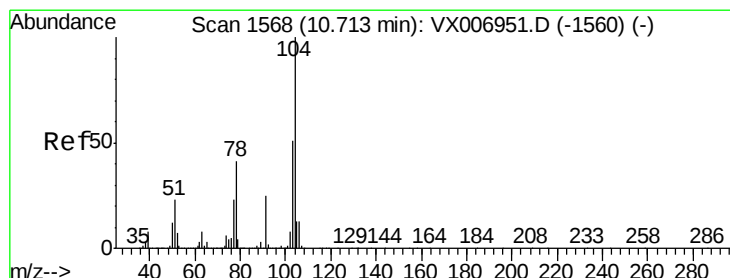
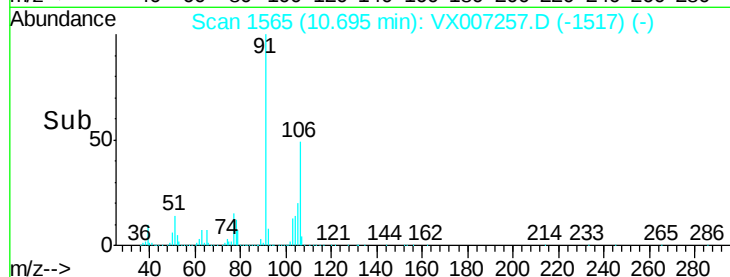
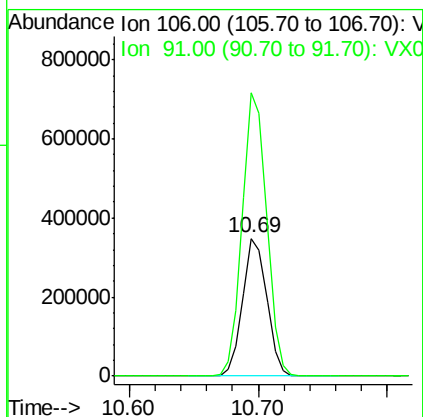
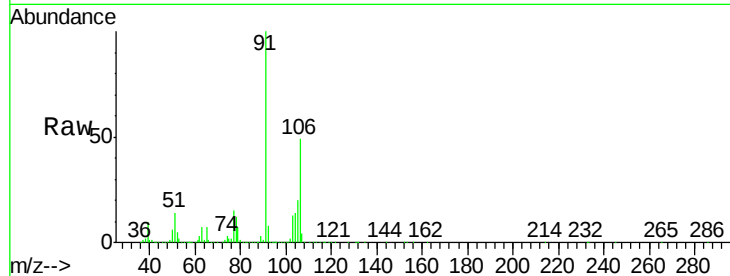




#69
o-Xylene
Concen: 51.708 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

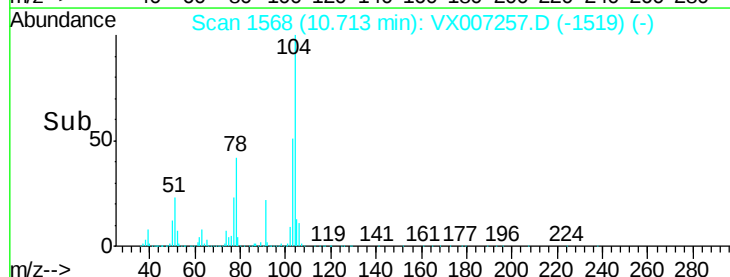
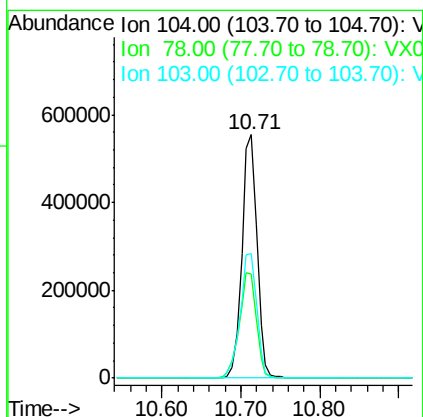
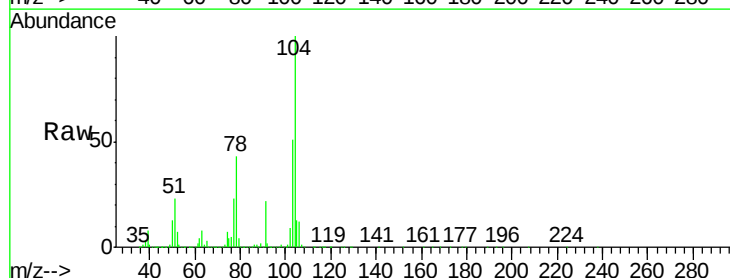
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

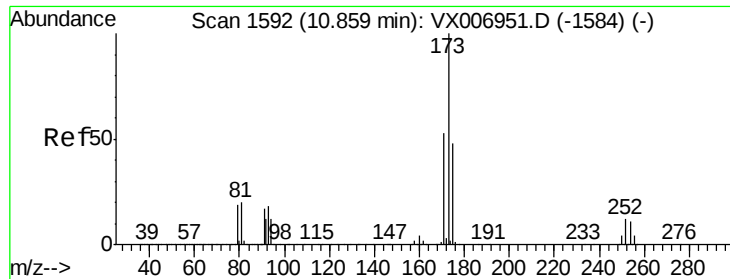
Tot Ion:106 Resp: 454267
Ion Ratio Lower Upper
106 100
91 208.0 101.3 303.7



#70
Styrene
Concen: 53.124 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion:104 Resp: 739171
Ion Ratio Lower Upper
104 100
78 48.8 37.7 56.5
103 56.6 43.8 65.8





#71

Bromoform

Concen: 50.463 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

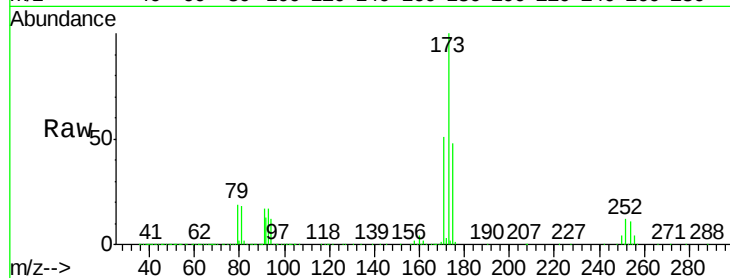
Tot Ion:173 Resp: 210548

Ion Ratio Lower Upper

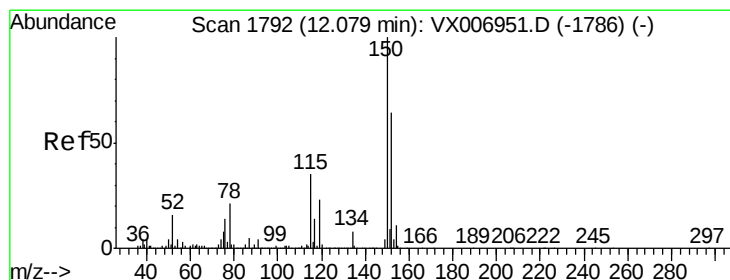
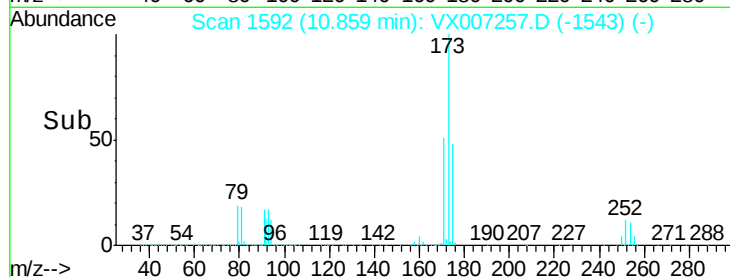
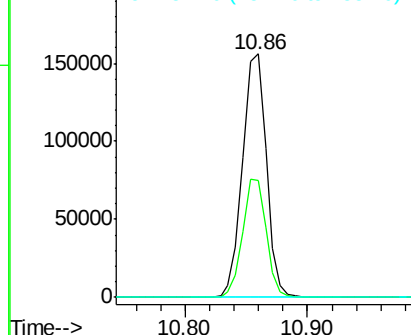
173 100

175 48.0 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

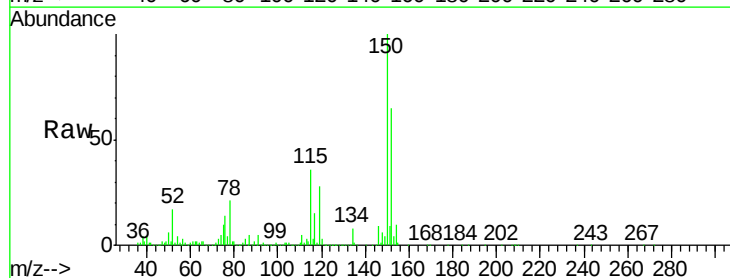
Tgt Ion:152 Resp: 344165

Ion Ratio Lower Upper

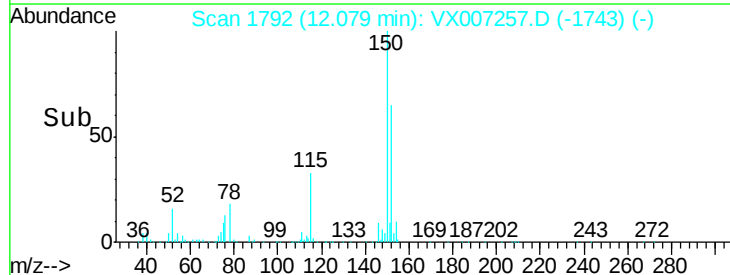
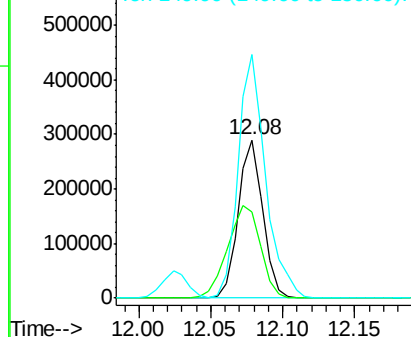
152 100

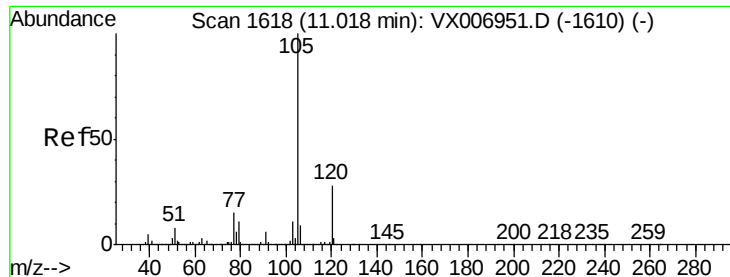
115 78.5 39.1 117.2

150 172.1 0.0 344.8



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: 50.577 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

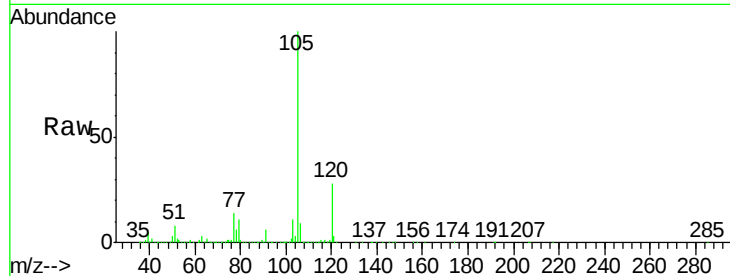
VSTDCCC050

Tot Ion:105 Resp: 1227429

Ion Ratio Lower Upper

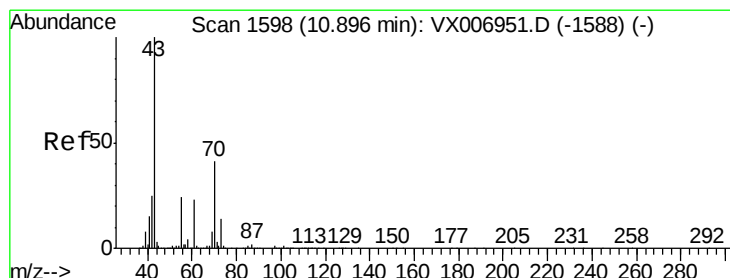
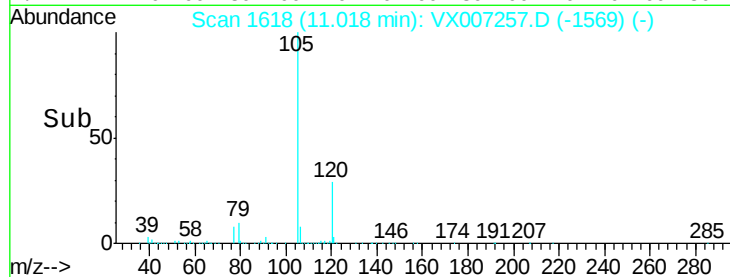
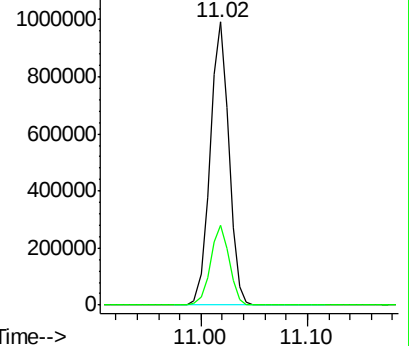
105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.623 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Tgt Ion: 43 Resp: 484870

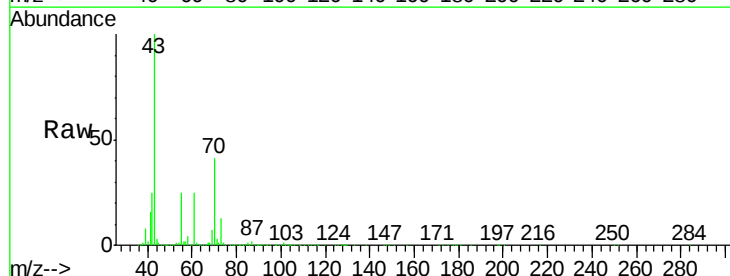
Ion Ratio Lower Upper

43 100

70 41.9 35.8 53.8

55 24.6 19.4 29.0

61 24.5 20.1 30.1

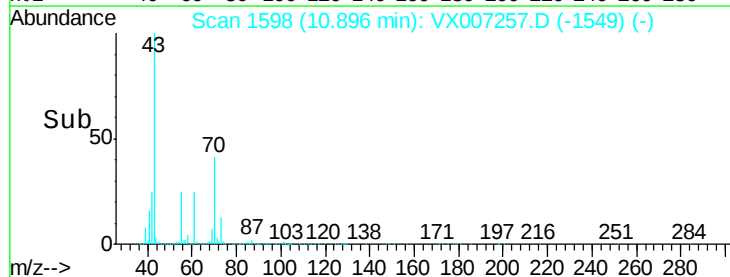
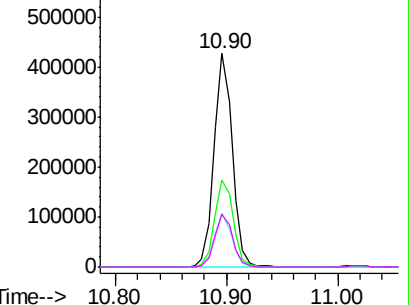


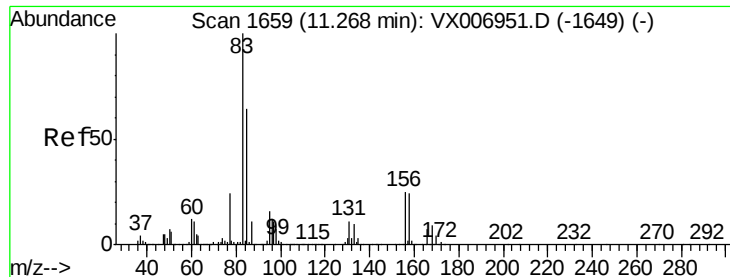
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.793 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

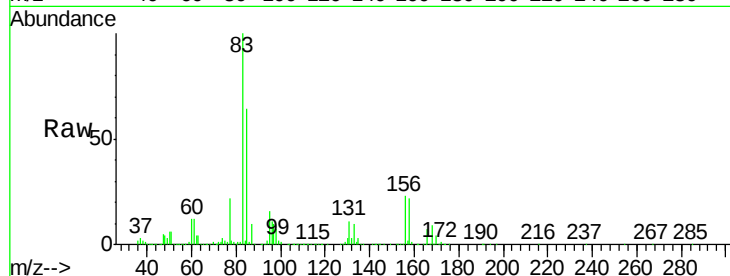
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 375919

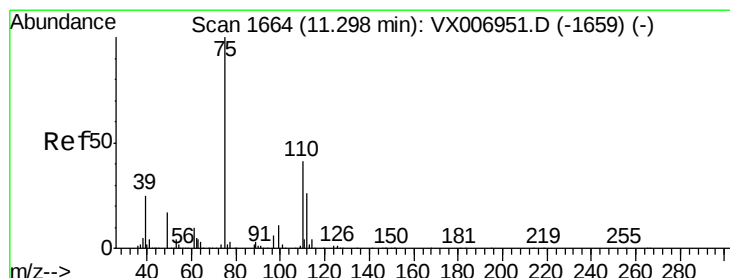
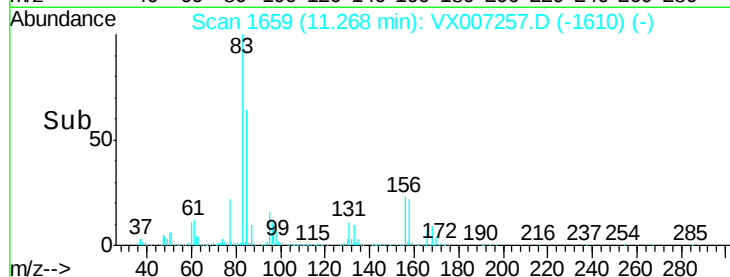
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.1
85	63.6	32.2	96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.731 ug/l

RT: 11.29 min Scan# 1663

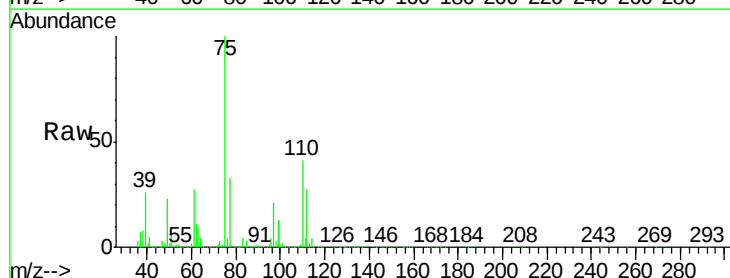
Delta R.T. -0.01 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

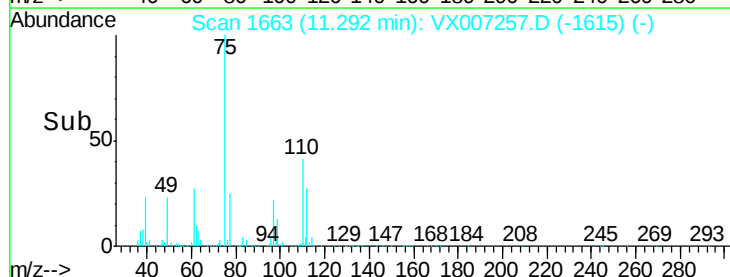
Tgt Ion: 75 Resp: 430532

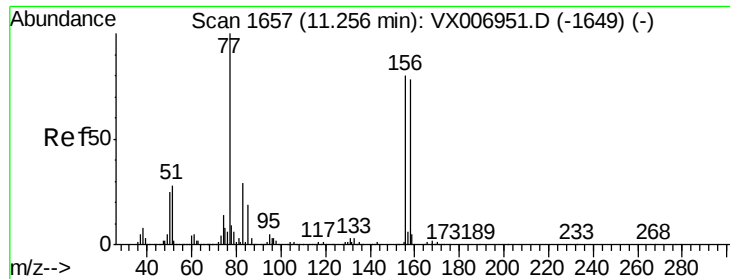
Ion	Ratio	Lower	Upper
75	100		
77	31.4	18.5	55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.190 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

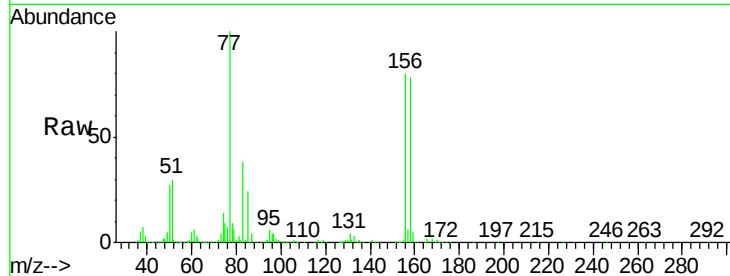
Tot Ion:156 Resp: 328930

Ion Ratio Lower Upper

156 100

77 136.7 68.0 204.0

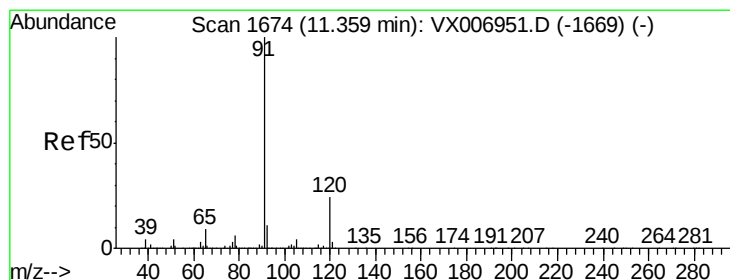
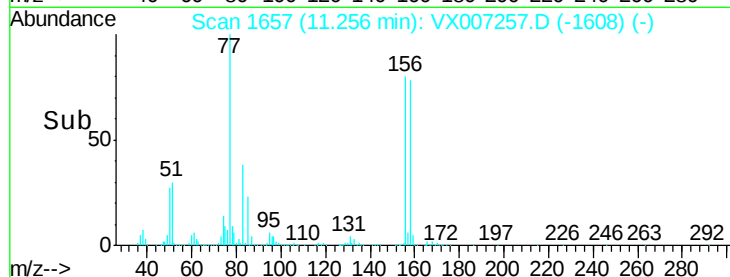
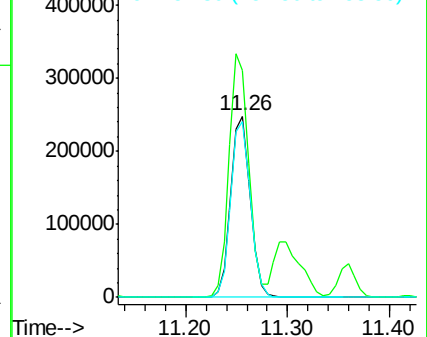
158 97.9 48.3 144.8



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: 52.036 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007257.D

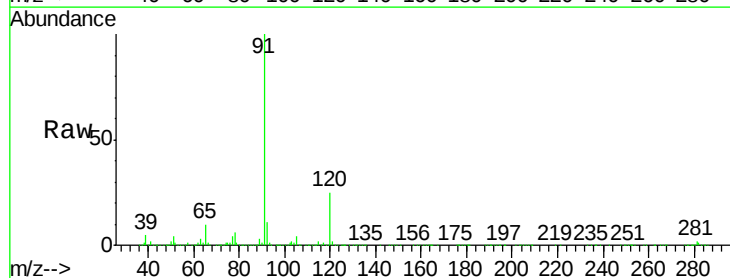
Acq: 28 Jan 2019 13:31

Tgt Ion: 91 Resp: 1386327

Ion Ratio Lower Upper

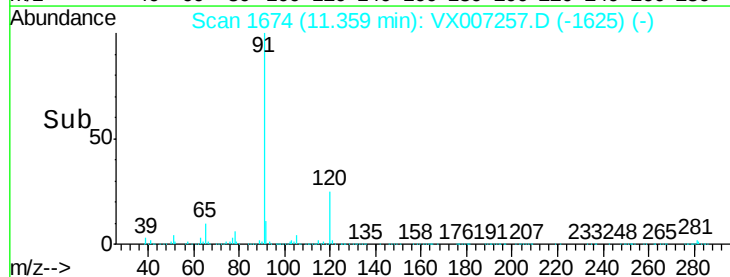
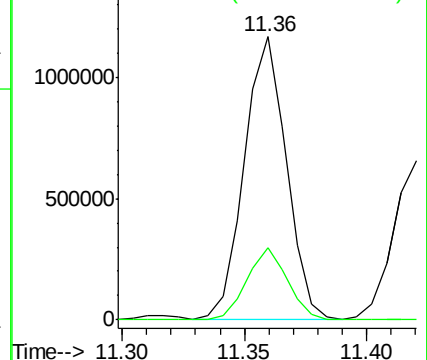
91 100

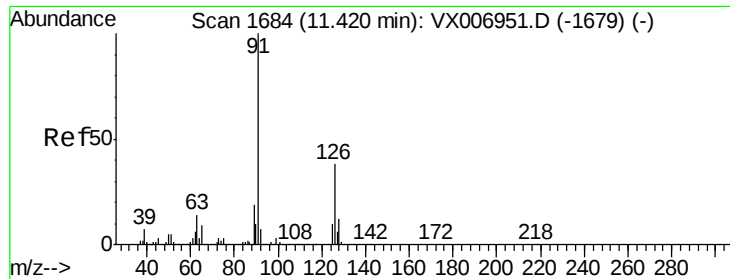
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.105 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

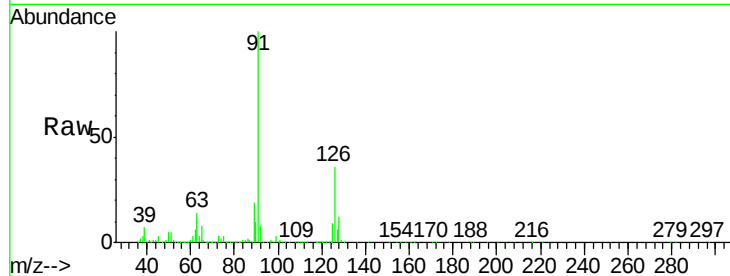
VSTDCCC050

Tot Ion: 91 Resp: 803539

Ion Ratio Lower Upper

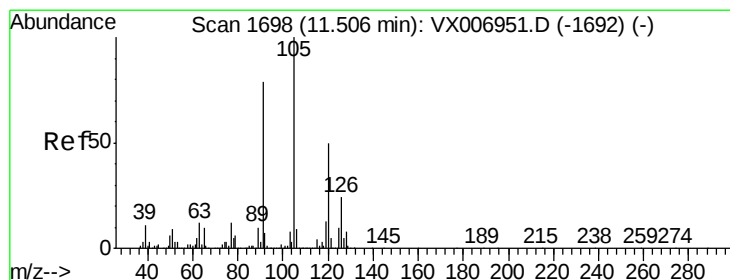
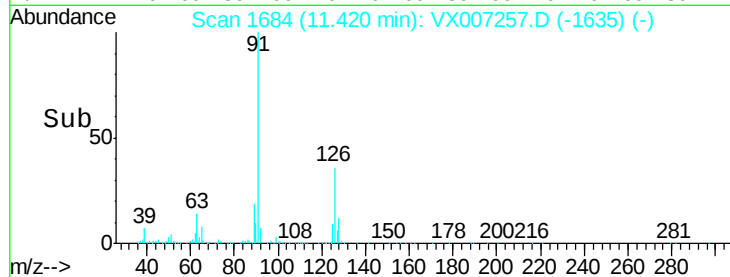
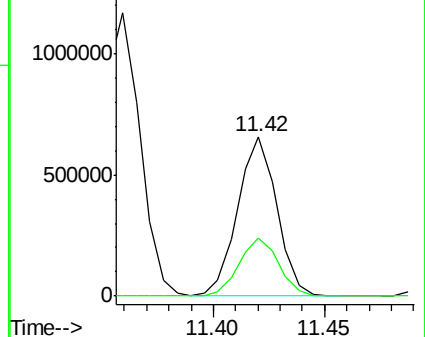
91 100

126 36.9 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.141 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007257.D

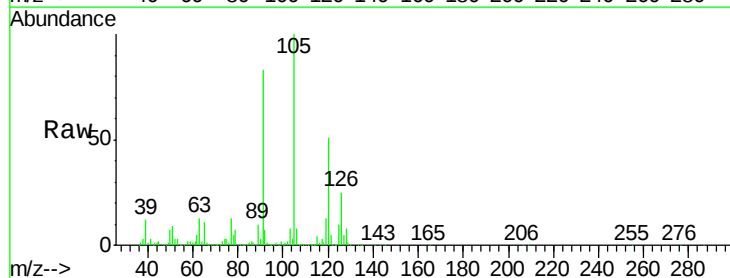
Acq: 28 Jan 2019 13:31

Tgt Ion: 105 Resp: 1016760

Ion Ratio Lower Upper

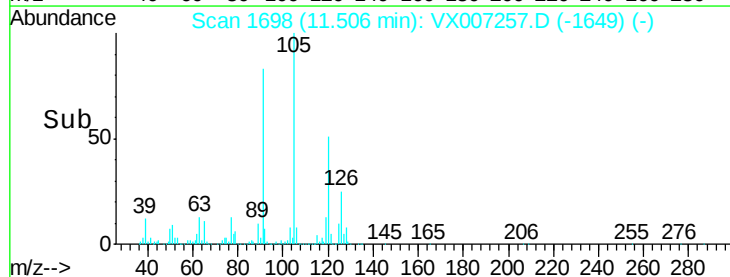
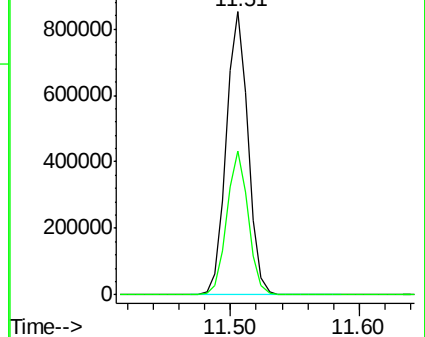
105 100

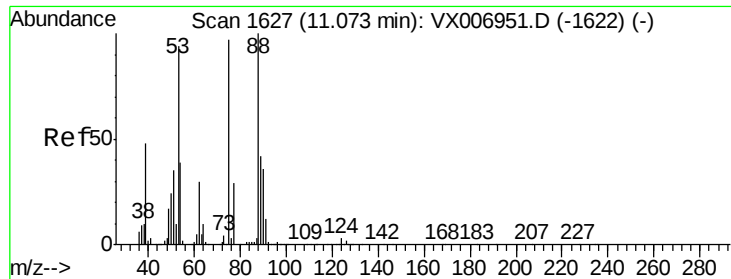
120 49.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.849 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

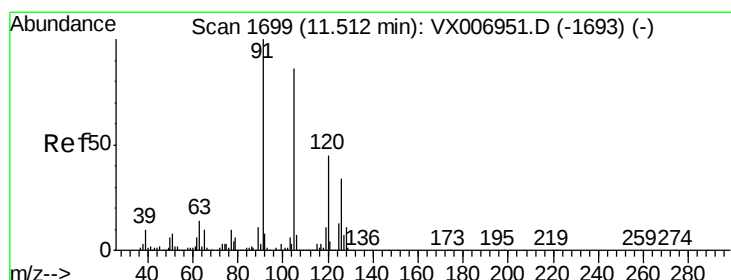
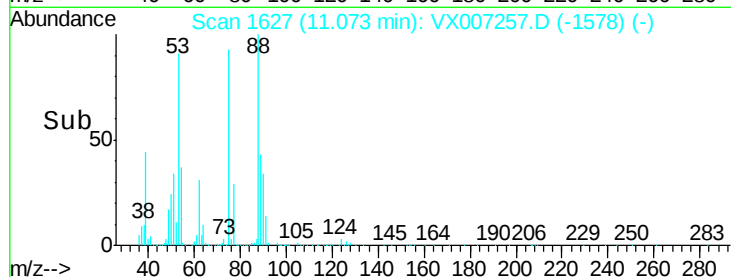
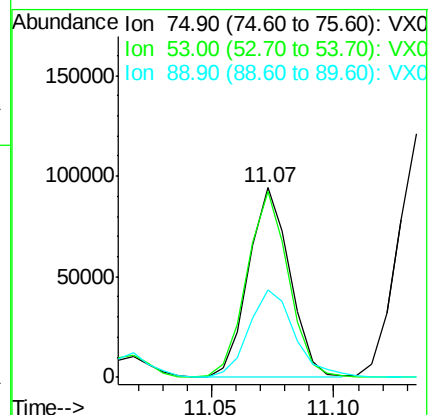
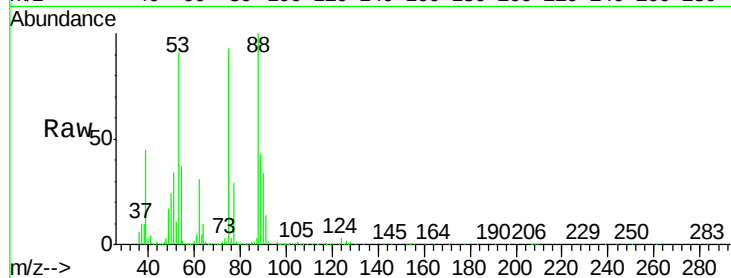
Tot Ion: 75 Resp: 110173

Ion Ratio Lower Upper

75 100

53 98.6 79.7 119.5

89 51.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 50.610 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007257.D

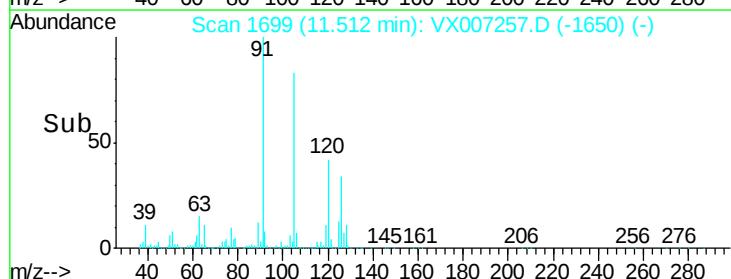
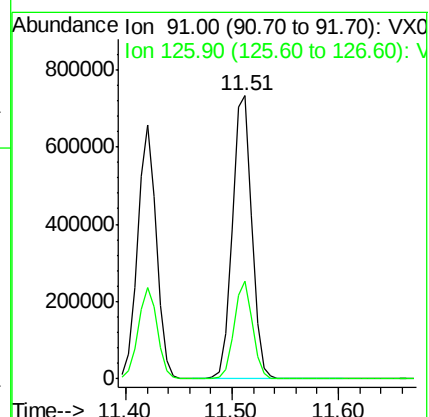
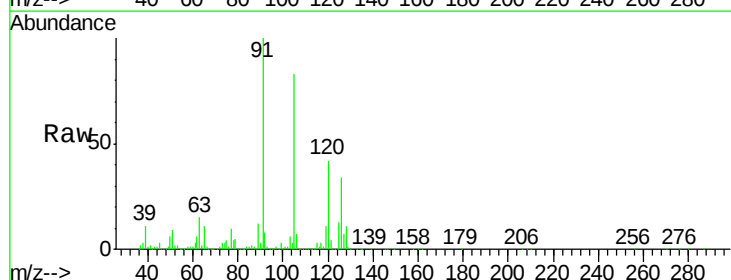
Acq: 28 Jan 2019 13:31

Tgt Ion: 91 Resp: 939756

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 50.038 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

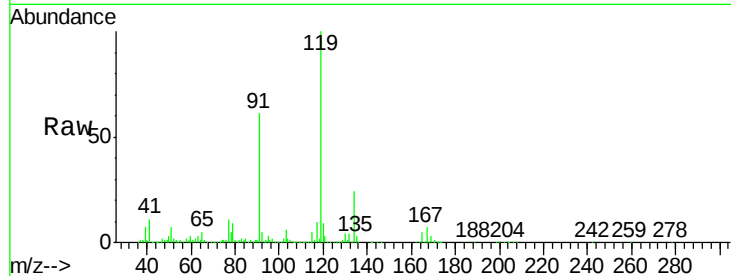
Tot Ion:119 Resp: 1012370

Ion Ratio Lower Upper

119 100

91 57.6 27.7 83.1

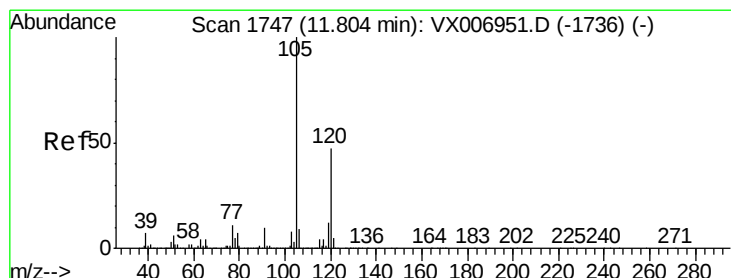
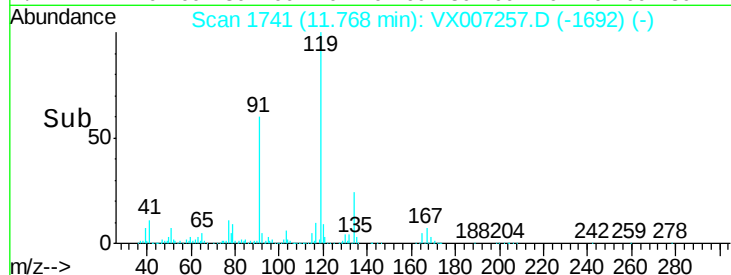
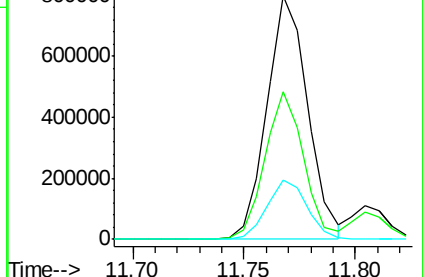
134 23.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.108 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007257.D

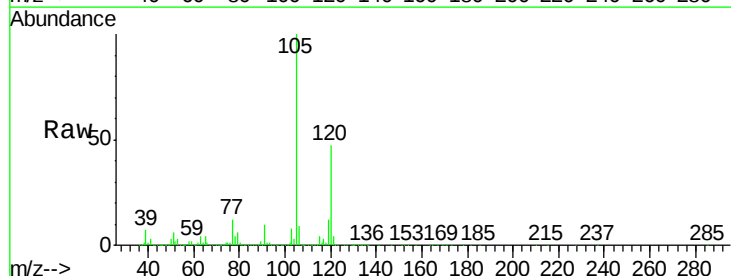
Acq: 28 Jan 2019 13:31

Tgt Ion:105 Resp: 1042159

Ion Ratio Lower Upper

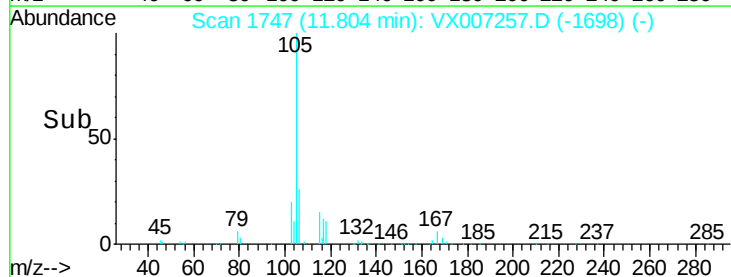
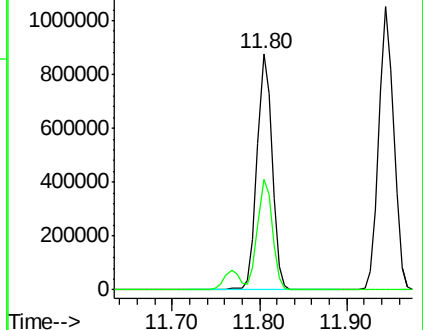
105 100

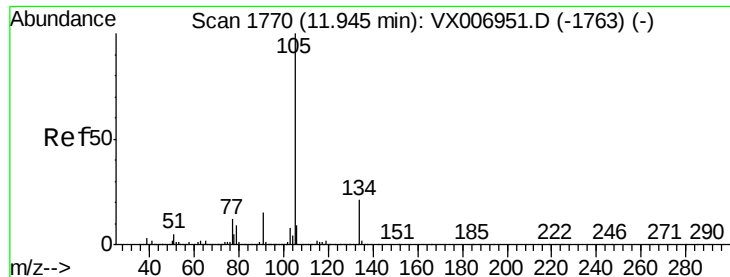
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

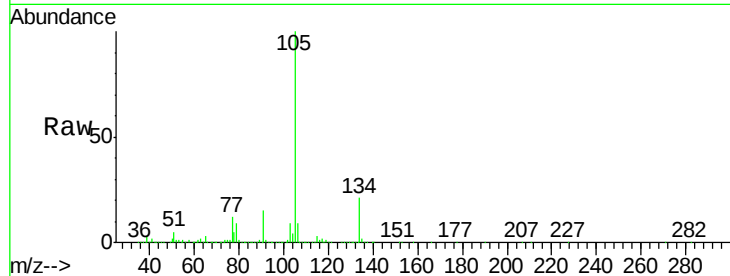
VSTDCCC050

Tot Ion:105 Resp: 1259373

Ion Ratio Lower Upper

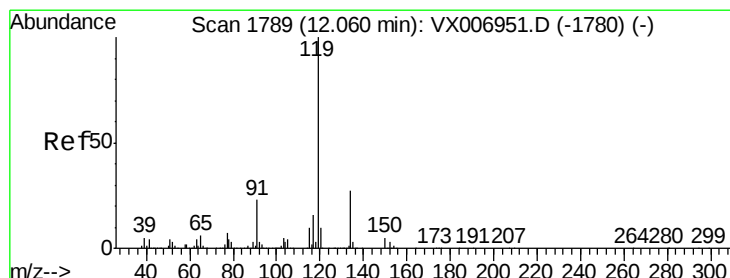
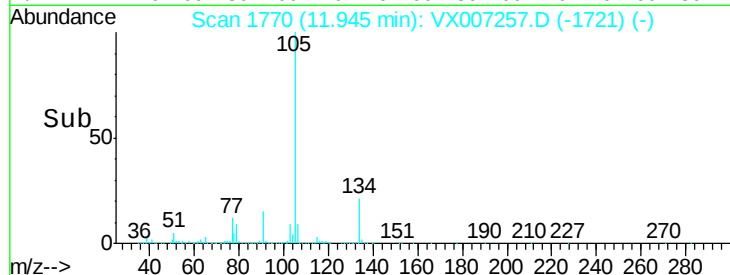
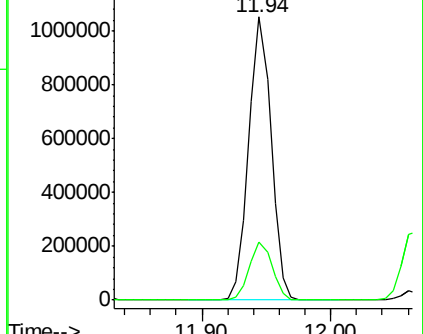
105 100

134 20.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.347 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007257.D

Acq: 28 Jan 2019 13:31

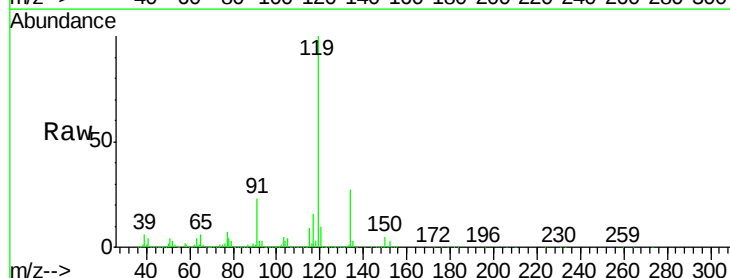
Tgt Ion:119 Resp: 1131366

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

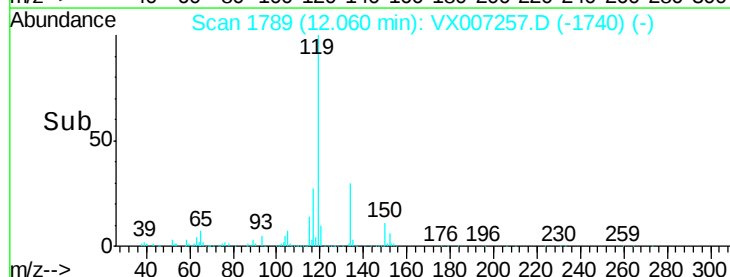
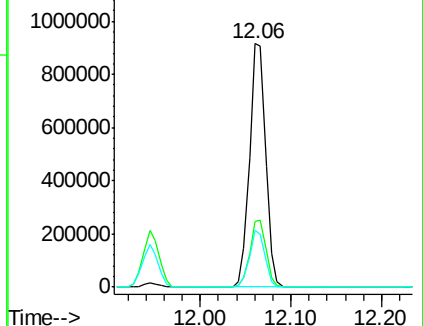
91 22.4 11.3 33.9



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): VX0

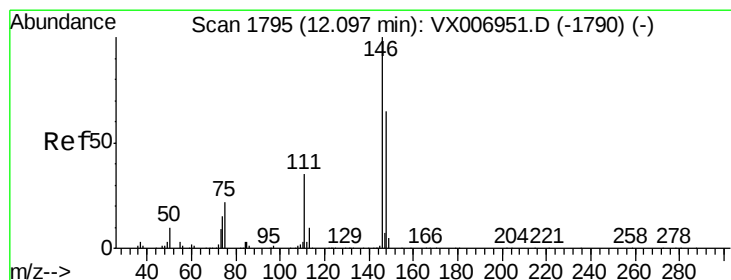
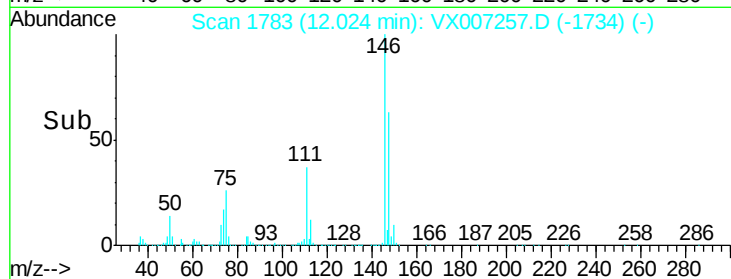
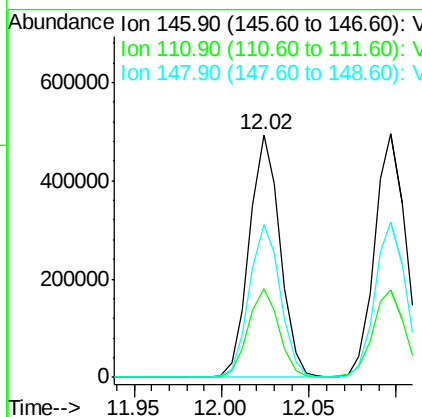
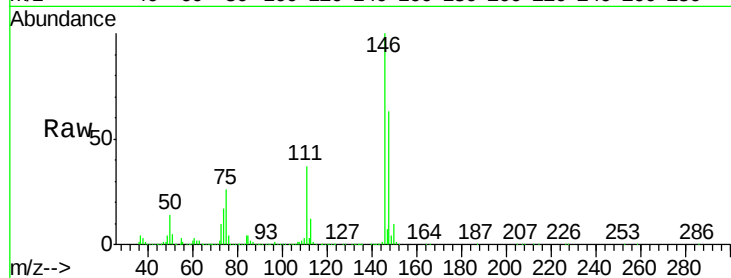




#87
 1,3-Dichlorobenzene
 Concen: 49.946 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

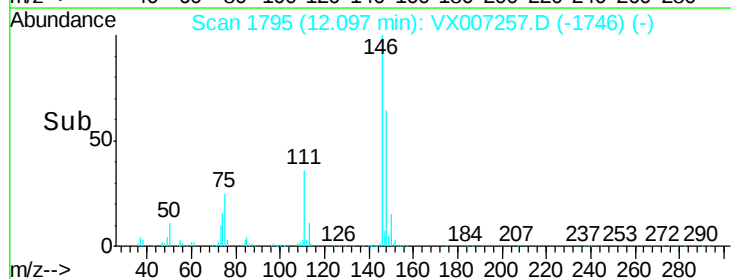
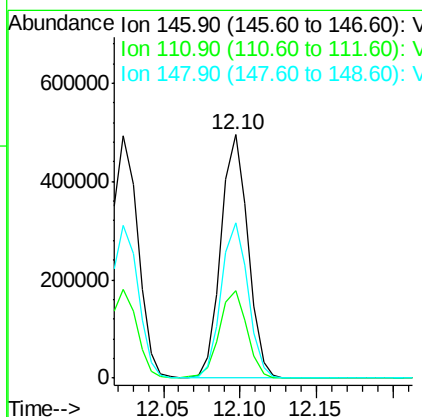
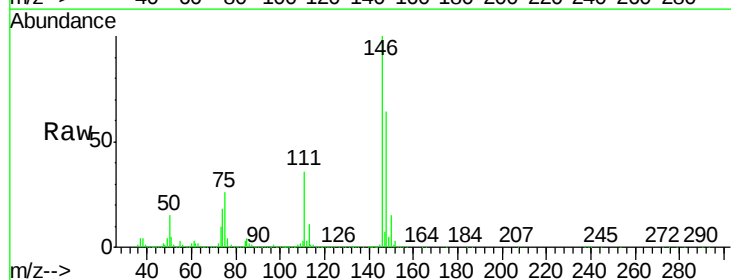
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

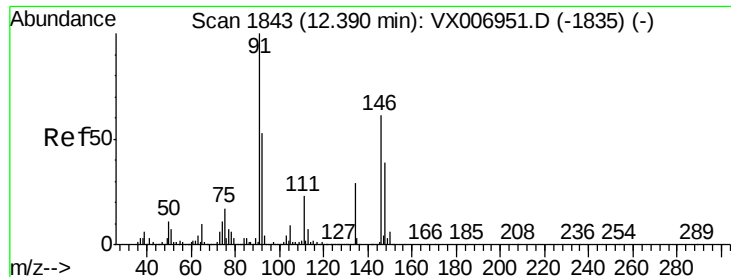
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.066 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.5	31.9	95.9

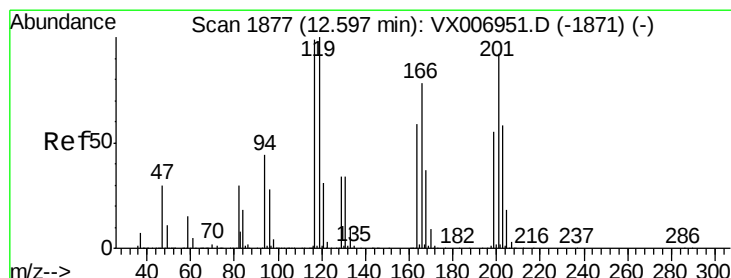
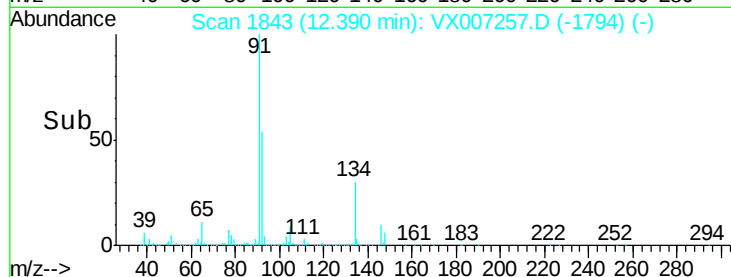
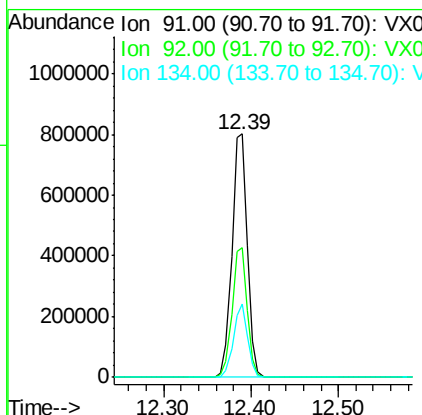
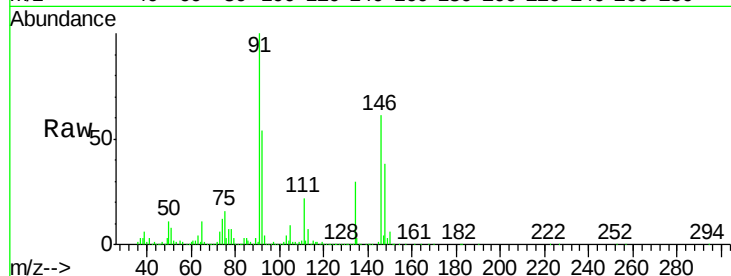




#89
n-Butylbenzene
Concen: 53.597 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

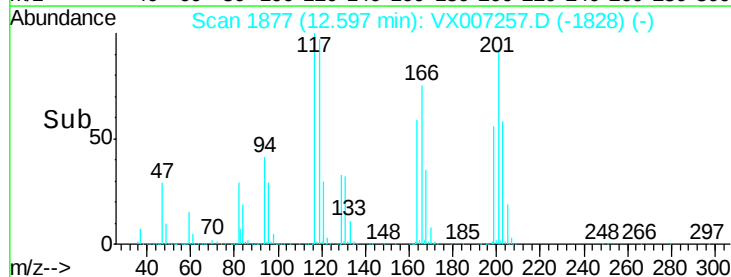
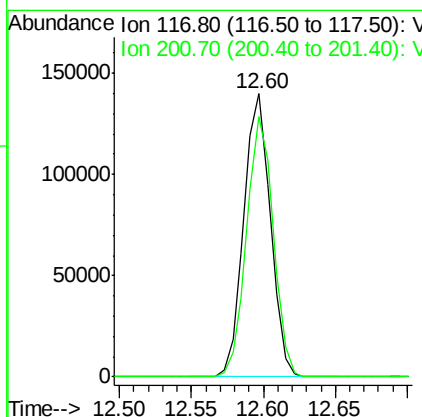
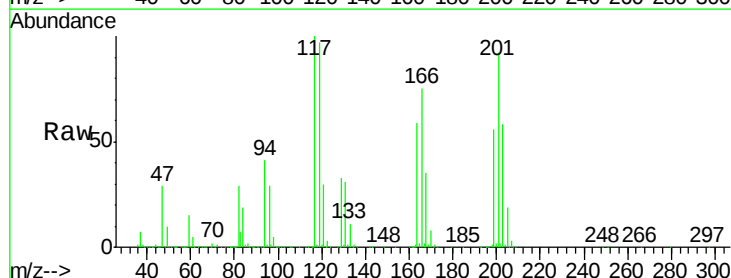
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

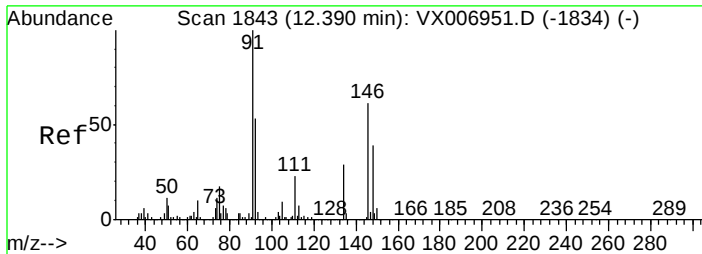
Tot Ion: 91 Resp: 987476
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.4
134 28.1 14.4 43.2



#90
Hexachloroethane
Concen: 51.902 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion: 117 Resp: 179485
Ion Ratio Lower Upper
117 100
201 91.3 42.9 128.7

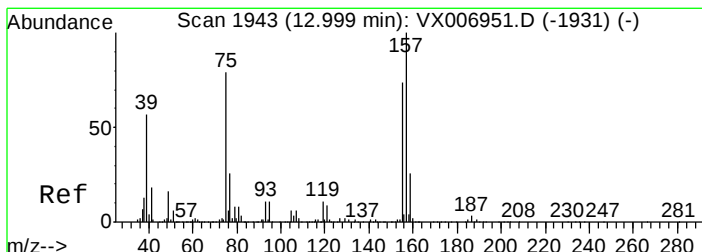
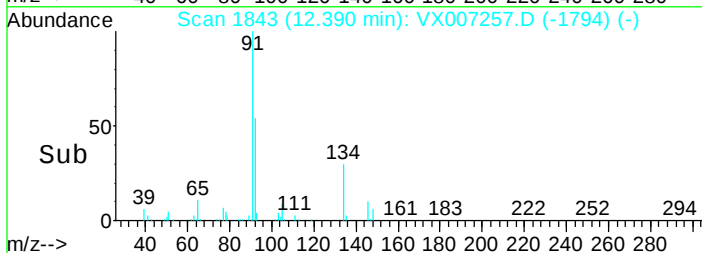
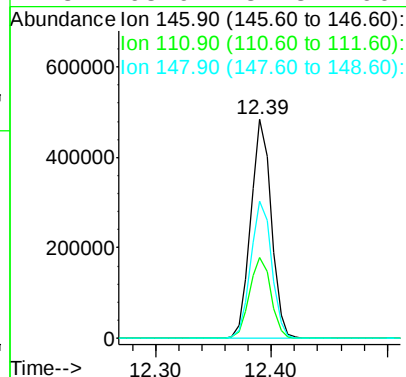
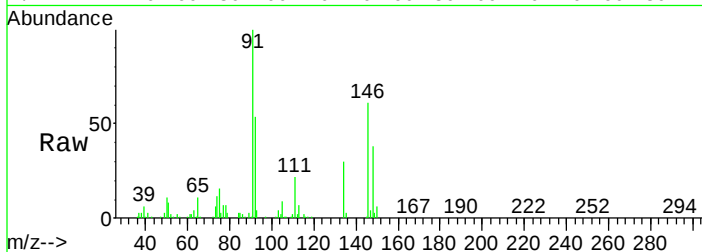




#91
 1,2-Dichlorobenzene
 Concen: 50.169 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

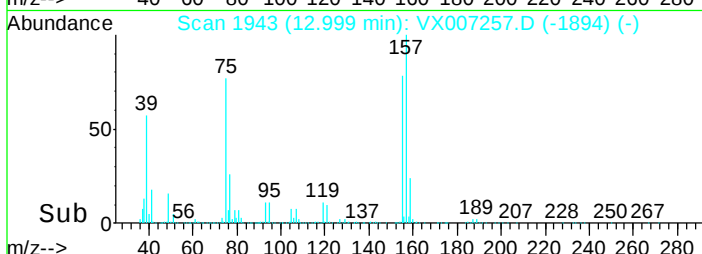
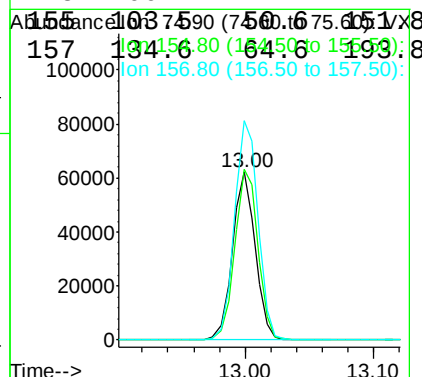
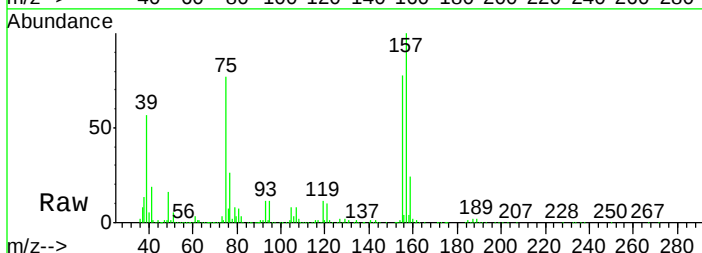
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

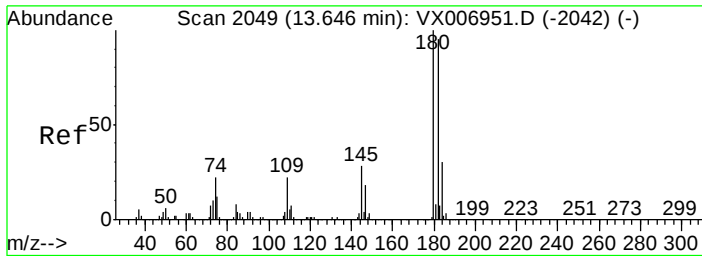
Tot Ion:146 Resp: 598393
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.2
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.998 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion: 75 Resp: 77708
 Ion Ratio Lower Upper
 75 100

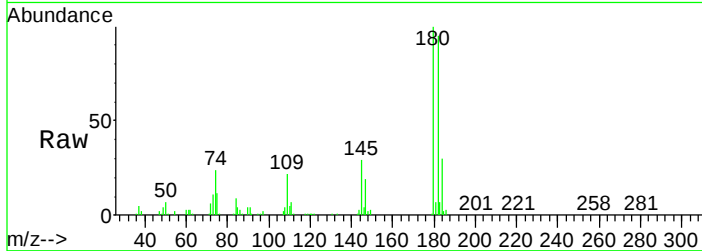




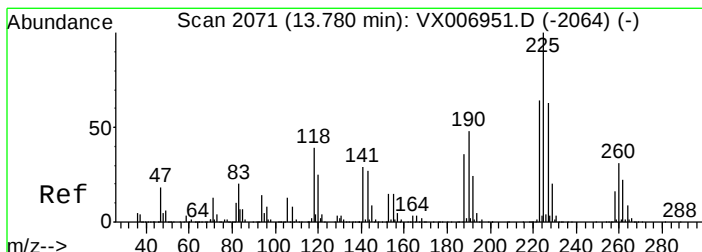
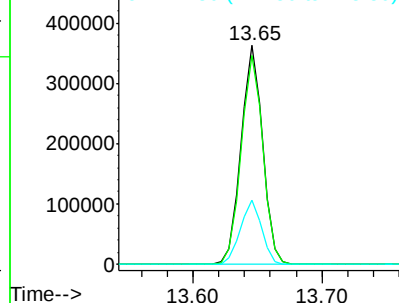
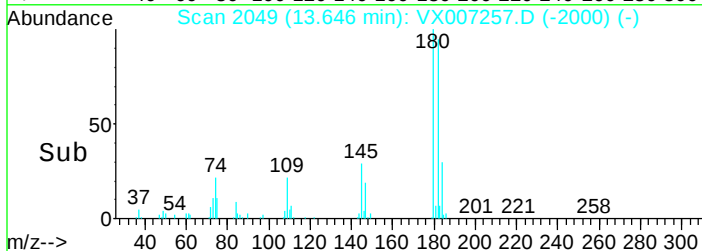
#93
 1,2,4-Trichlorobenzene
 Concen: 52.573 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 430214
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 28.9 14.8 44.3

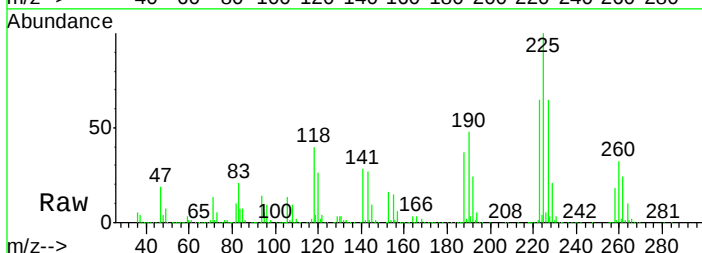


Abundance Ion 179.80 (179.50 to 180.50):
 Ion 181.80 (181.50 to 182.50):
 Ion 144.80 (144.50 to 145.50):

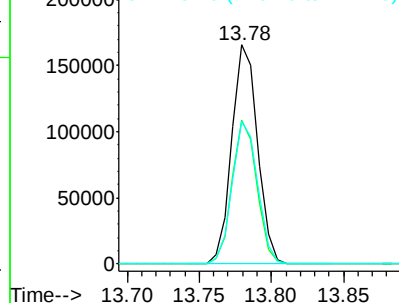
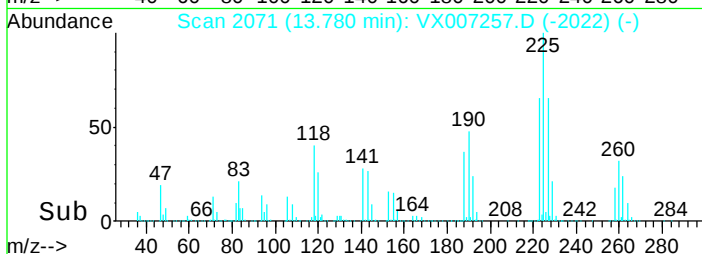


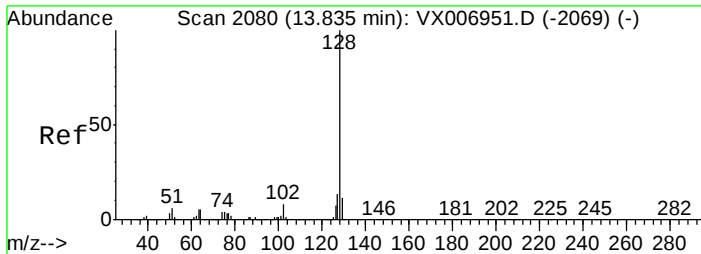
#94
 Hexachlorobutadiene
 Concen: 56.803 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007257.D
 Acq: 28 Jan 2019 13:31

Tgt Ion:225 Resp: 206274
 Ion Ratio Lower Upper
 225 100
 223 63.21 32.41 96.3
 227 64.1 32.3 96.8



Abundance Ion 221.70 (221.40 to 225.96):
 Ion 227.70 (227.40 to 223.96):
 Ion 226.70 (226.40 to 227.40):

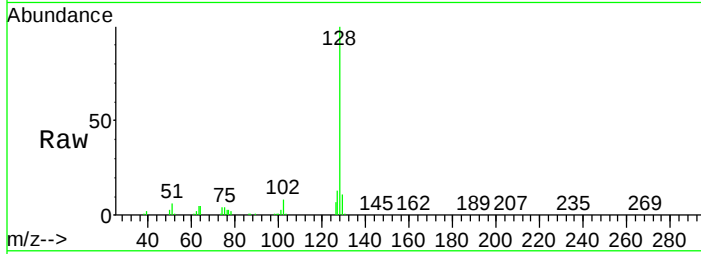




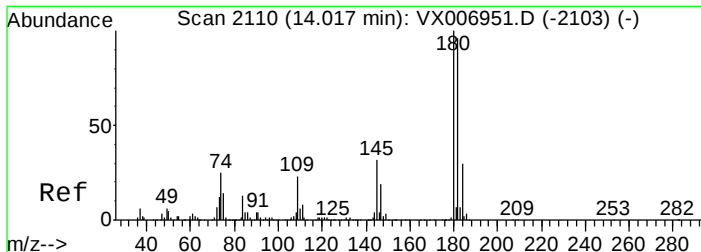
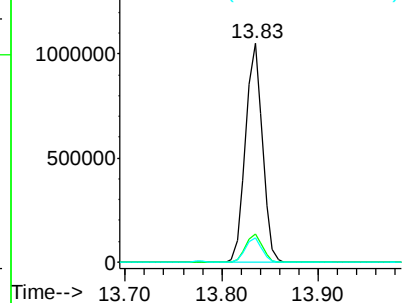
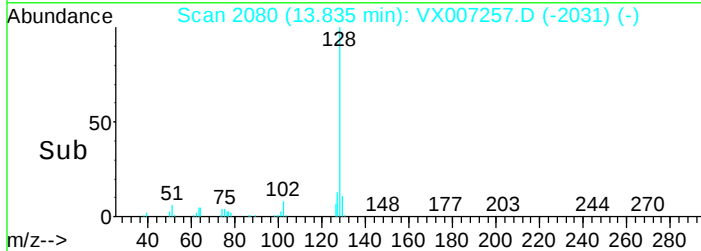
#95
Naphthalene
Concen: 51.504 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1277120
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0

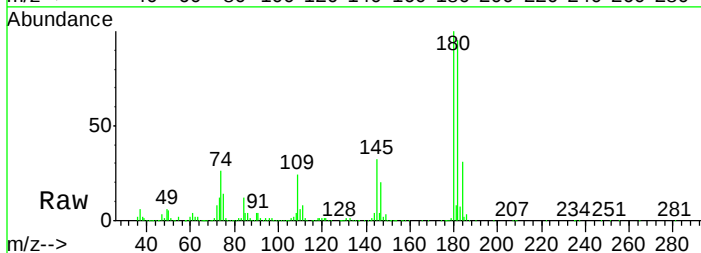


Abundance Ion 128.00 (127.70 to 128.70):
Ion 127.00 (126.70 to 127.70):
Ion 129.00 (128.70 to 129.70):



#96
1,2,3-Trichlorobenzene
Concen: 51.861 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007257.D
Acq: 28 Jan 2019 13:31

Tgt Ion:180 Resp: 421579
Ion Ratio Lower Upper
180 100



Abundance Ion 180.00 (144.50 to 185.50):
Ion 182.00 (144.50 to 182.50):
Ion 144.90 (144.60 to 145.60):

