

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006909.D
 Acq On : 04 Jan 2019 12:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 04 22:12:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	546955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	790234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	713507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374302	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	281103	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	5.50	113	255974	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	934040	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	335977	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	197864	39.544	ug/l	99
3) Chloromethane	1.32	50	248576	46.112	ug/l	99
4) Vinyl Chloride	1.41	62	240007	42.629	ug/l	100
5) Bromomethane	1.64	94	234221	44.363	ug/l	96
6) Chloroethane	1.71	64	160238	41.104	ug/l	99
7) Trichlorofluoromethane	1.93	101	407524	46.427	ug/l	100
8) Diethyl Ether	2.19	74	164076	47.061	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253955	49.274	ug/l	100
10) Methyl Iodide	2.51	142	242750	32.904	ug/l	100
11) Tert butyl alcohol	3.07	59	284374	216.161	ug/l	99
12) 1,1-Dichloroethene	2.37	96	220867	45.196	ug/l	99
13) Acrolein	2.29	56	195749	220.564	ug/l	97
14) Allyl chloride	2.73	41	393723	47.864	ug/l	99
15) Acrylonitrile	3.15	53	713804	244.372	ug/l	99
16) Acetone	2.45	43	645781	238.447	ug/l	100
17) Carbon Disulfide	2.57	76	468457	36.223	ug/l	98
18) Methyl Acetate	2.78	43	428041	53.750	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	831840	51.286	ug/l	98
20) Methylene Chloride	2.86	84	258313	46.125	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	236393	43.658	ug/l	93
22) Diisopropyl ether	3.87	45	786250	52.248	ug/l	99
23) Vinyl Acetate	3.82	43	3123713	253.769	ug/l	98
24) 1,1-Dichloroethane	3.70	63	440260	49.009	ug/l	99
25) 2-Butanone	4.70	43	911962	239.390	ug/l	98
26) 2,2-Dichloropropane	4.58	77	341073	49.151	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	285848	47.848	ug/l	98
28) Bromochloromethane	5.02	49	188209	49.689	ug/l	97
29) Tetrahydrofuran	5.15	42	597960	238.319	ug/l	98
30) Chloroform	5.21	83	462769	49.746	ug/l	100
31) Cyclohexane	5.57	56	357639	43.822	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	390247	49.681	ug/l	99
36) 1,1-Dichloropropene	5.79	75	328083	50.128	ug/l	99
37) Ethyl Acetate	4.85	43	349252	51.269	ug/l	99
38) Carbon Tetrachloride	5.78	117	333670	52.458	ug/l	96

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 VSTDCCC050

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405571	47.069	ug/l	99
40) Benzene	6.14	78	998524	50.191	ug/l	99
41) Methacrylonitrile	5.06	41	197785	54.687	ug/l	98
42) 1,2-Dichloroethane	6.20	62	347065	51.196	ug/l	99
43) Isopropyl Acetate	6.46	43	577476	55.714	ug/l	98
44) Trichloroethene	7.21	130	292779	48.623	ug/l	95
45) 1,2-Dichloropropane	7.51	63	260513	53.810	ug/l	96
46) Dibromomethane	7.66	93	184053	51.685	ug/l	99
47) Bromodichloromethane	7.90	83	328577	55.577	ug/l	98
48) Methyl methacrylate	7.77	41	288631	54.760	ug/l	99
49) 1,4-Dioxane	7.75	88	117662	850.205	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1779811	269.877	ug/l	99
52) Toluene	8.79	92	649232	50.513	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	367168	57.907	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	400097	57.507	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	280767	53.369	ug/l	99
56) Ethyl methacrylate	9.18	69	403505	54.267	ug/l	95
57) 1,3-Dichloropropane	9.37	76	445220	52.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1033871	261.576	ug/l	99
59) 2-Hexanone	9.49	43	1315801	260.768	ug/l	100
60) Dibromochloromethane	9.58	129	287743	52.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	296825	53.076	ug/l	100
64) Tetrachloroethene	9.34	164	280833	49.706	ug/l	97
65) Chlorobenzene	10.14	112	764008	50.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	279413	59.329	ug/l	99
67) Ethyl Benzene	10.25	91	1253034	50.800	ug/l	99
68) m/p-Xylenes	10.36	106	983944	101.092	ug/l	98
69) o-Xylene	10.70	106	480939	50.039	ug/l	96
70) Styrene	10.71	104	792827	52.140	ug/l	99
71) Bromoform	10.86	173	212263	49.970	ug/l	99
73) Isopropylbenzene	11.02	105	1301226	50.816	ug/l	100
74) N-amyl acetate	10.90	43	516310	56.331	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	402385	52.838	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	449754	64.656	ug/l	91
77) Bromobenzene	11.26	156	352996	50.990	ug/l	98
78) n-propylbenzene	11.36	91	1470129	52.136	ug/l	98
79) 2-Chlorotoluene	11.42	91	843474	49.360	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1083197	51.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111178	48.755	ug/l	100
82) 4-Chlorotoluene	11.51	91	993401	50.680	ug/l	100
83) tert-Butylbenzene	11.77	119	1124680	53.279	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1104995	49.809	ug/l	100
85) sec-Butylbenzene	11.94	105	1323898	51.153	ug/l	100
86) p-Isopropyltoluene	12.07	119	1190341	52.322	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	634675	50.868	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	637797	49.865	ug/l	100
89) n-Butylbenzene	12.39	91	1024797	52.929	ug/l	99
90) Hexachloroethane	12.60	117	181041	50.791	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	633290	50.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79408	50.394	ug/l	97

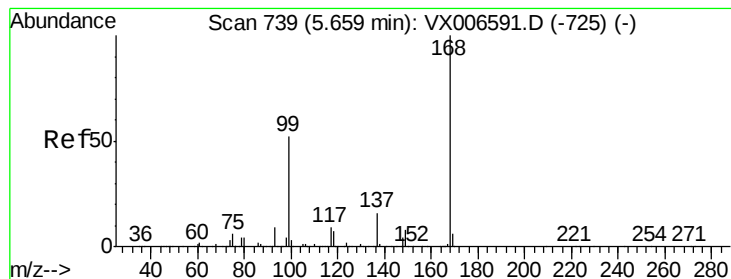
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	449803	52.246	ug/l	99
94) Hexachlorobutadiene	13.78	225	194907	48.030	ug/l	99
95) Naphthalene	13.83	128	1329463	48.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	442758	49.809	ug/l	98

(#) = 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. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

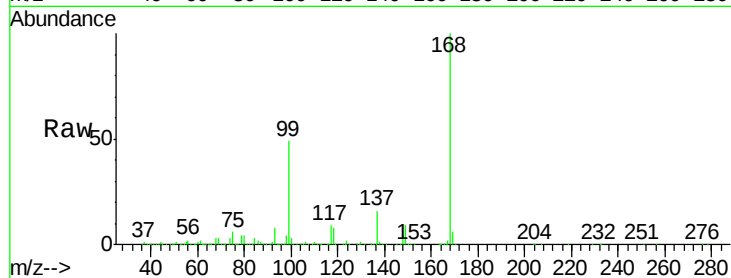
VSTDCCC050

Tot Ion:168 Resp: 546955

Ion Ratio Lower Upper

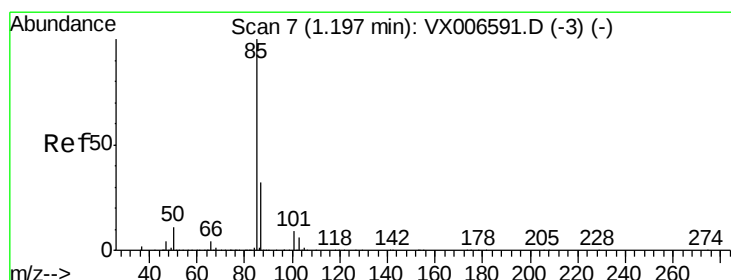
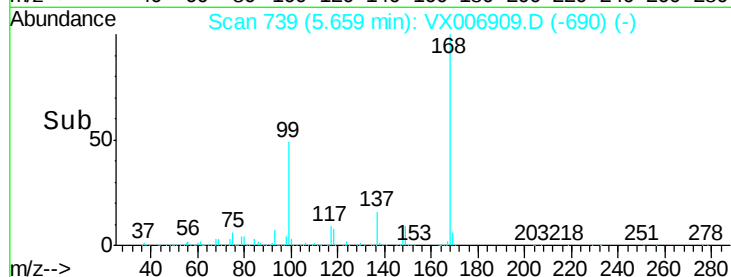
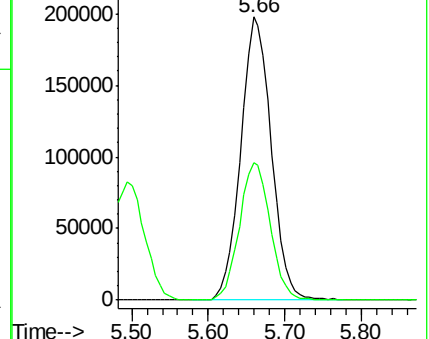
168 100

99 48.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.544 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006909.D

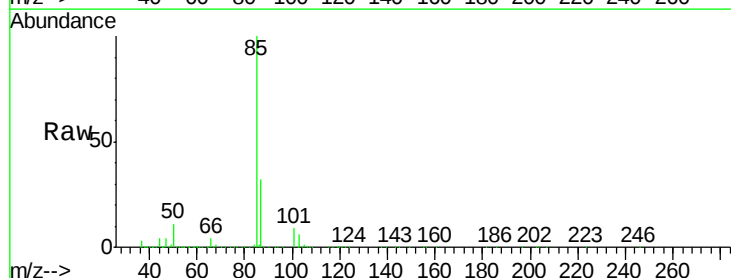
Acq: 04 Jan 2019 12:06

Tgt Ion: 85 Resp: 197864

Ion Ratio Lower Upper

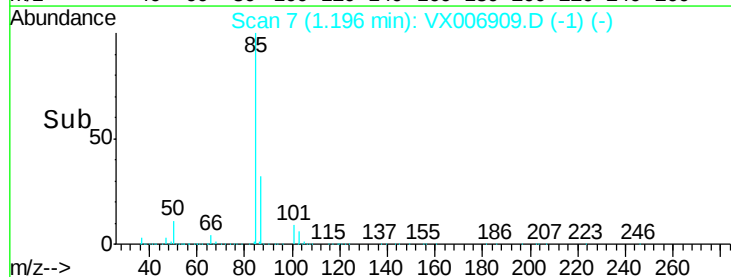
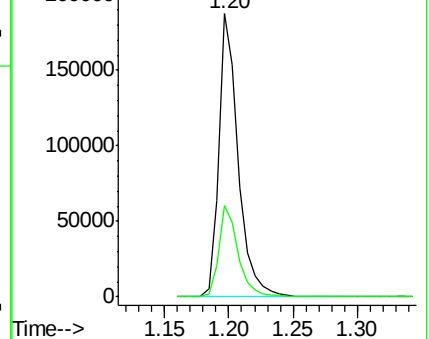
85 100

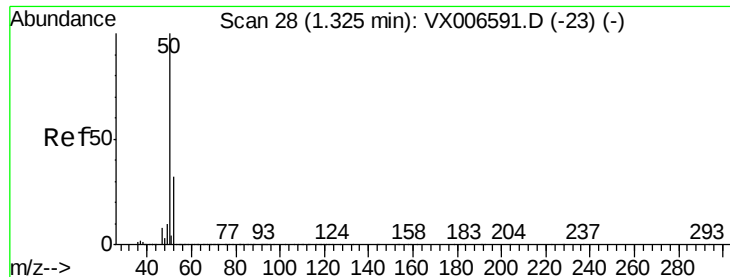
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.112 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

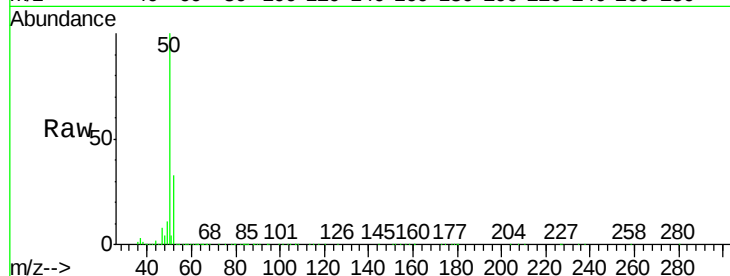
VSTDCCC050

Tot Ion: 50 Resp: 248576

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250000

200000

150000

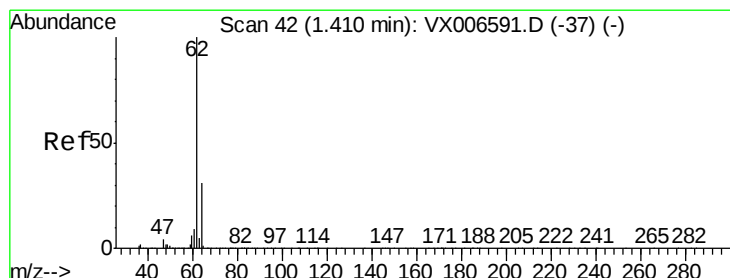
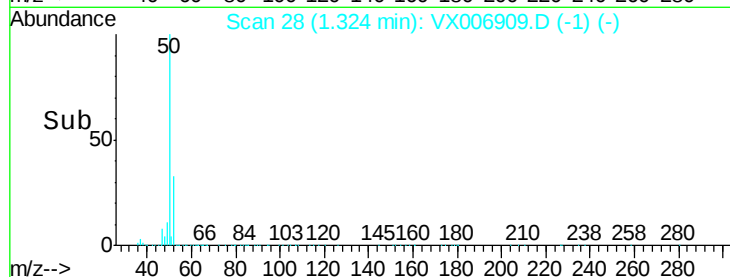
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 42.629 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006909.D

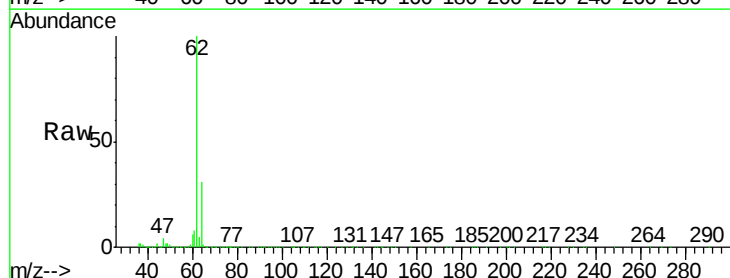
Acq: 04 Jan 2019 12:06

Tgt Ion: 62 Resp: 240007

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

250000

200000

150000

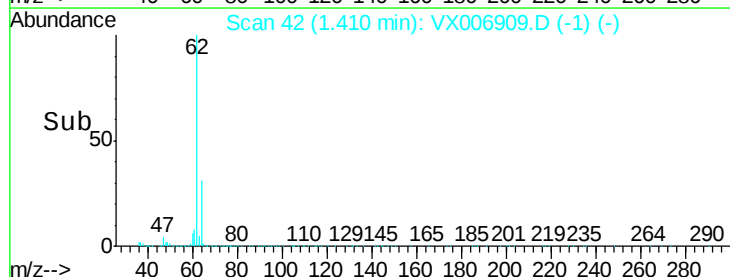
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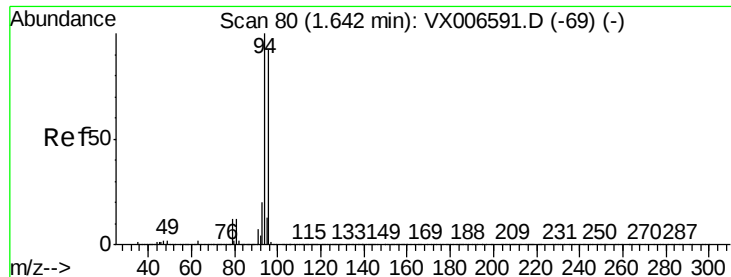
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 44.363 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

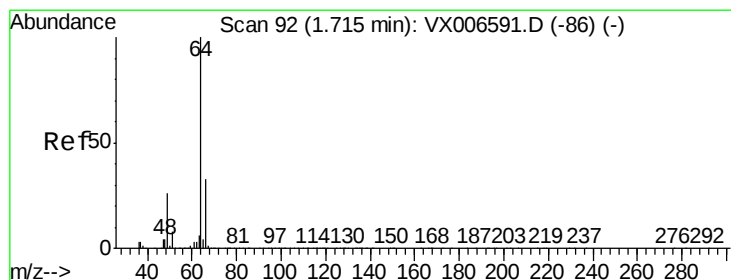
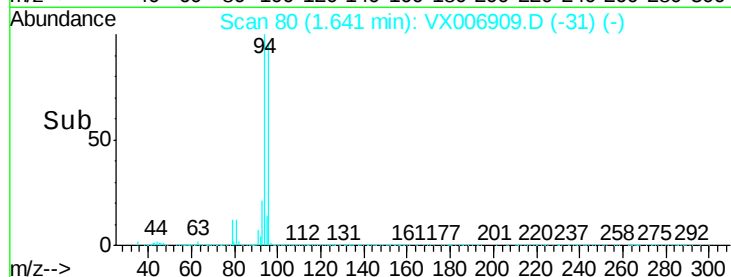
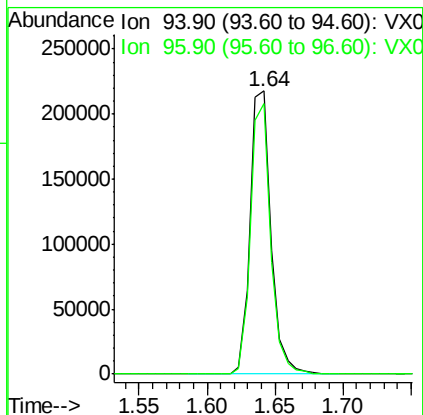
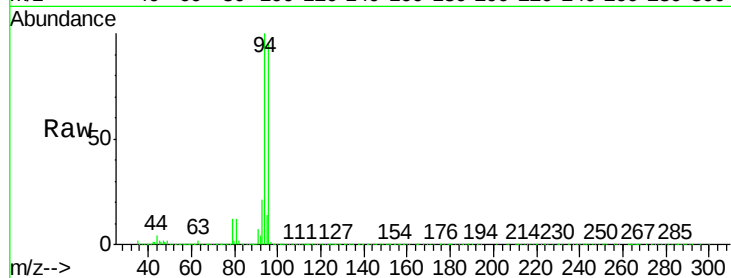
VSTDCCC050

Tot Ion: 94 Resp: 234221

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



#6

Chloroethane

Concen: 41.104 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006909.D

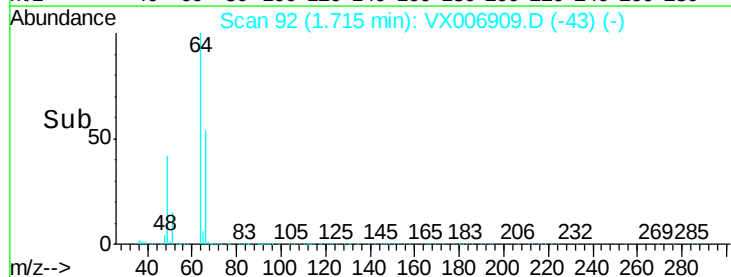
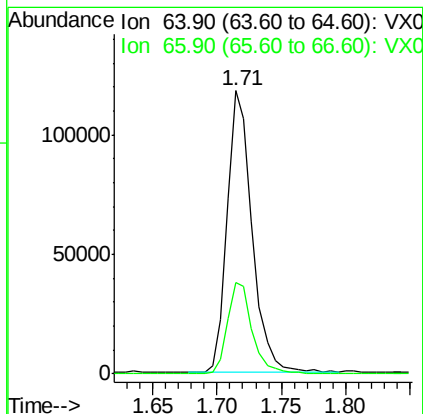
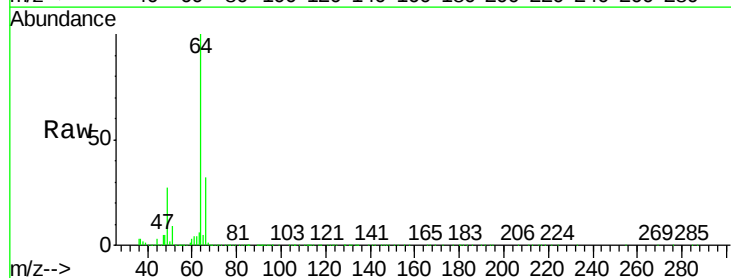
Acq: 04 Jan 2019 12:06

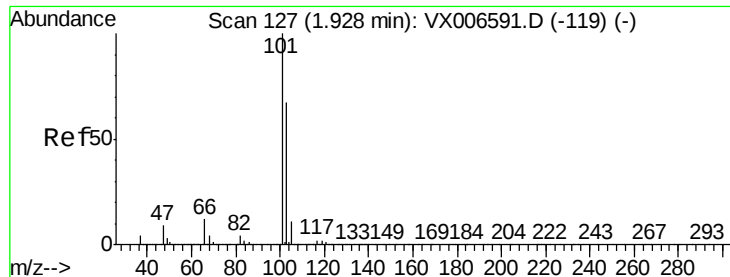
Tgt Ion: 64 Resp: 160238

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



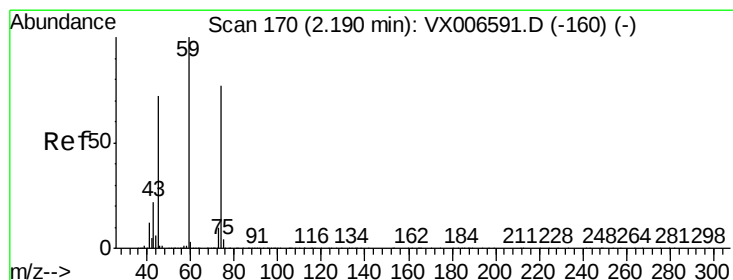
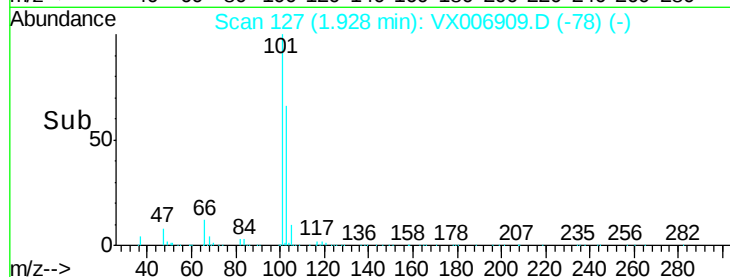
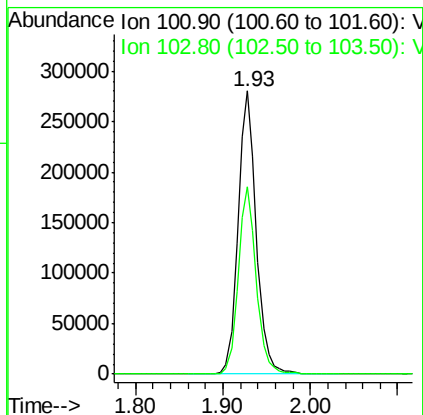
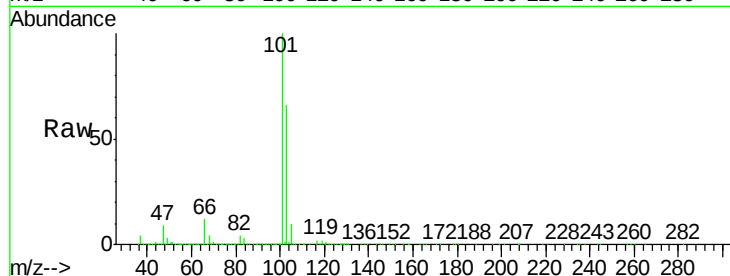


#7

Trichlorofluoromethane
 Concen: 46.427 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

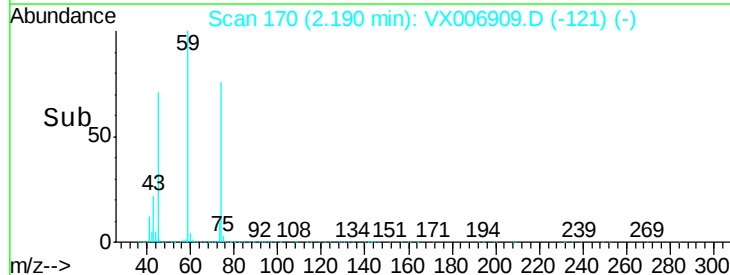
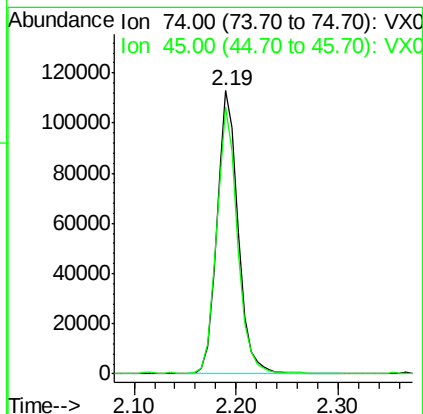
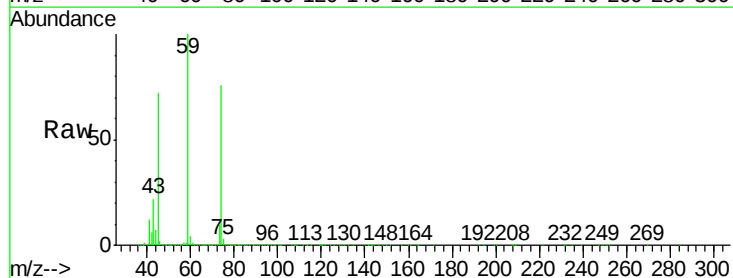
Tot Ion:101 Resp: 407524
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.2 79.8

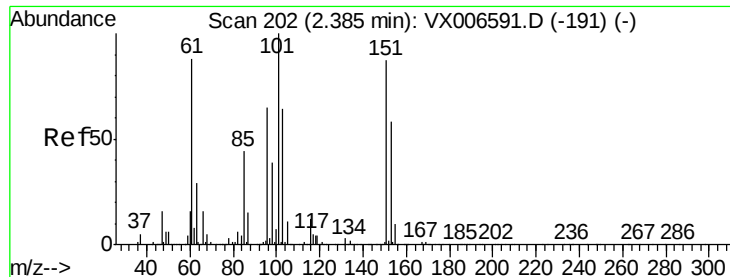


#8

Diethyl Ether
 Concen: 47.061 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion: 74 Resp: 164076
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.274 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

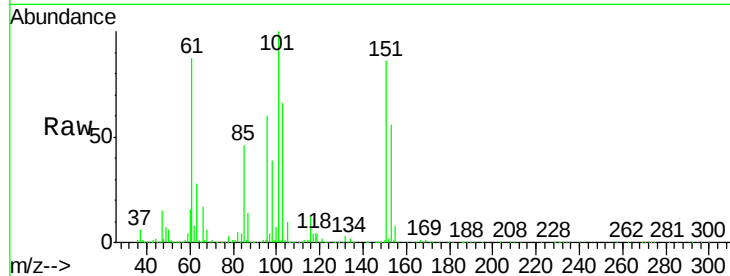
Tot Ion:101 Resp: 253955

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

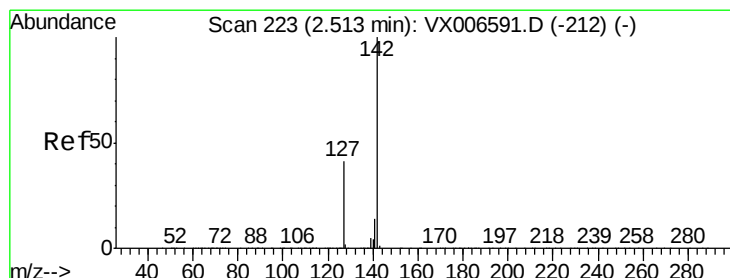
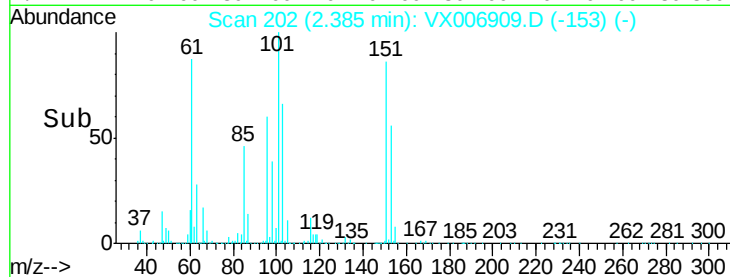
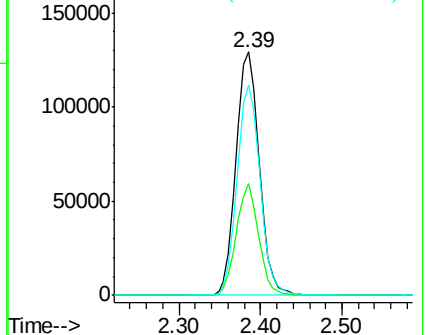
151 85.7 68.9 103.3



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: 32.904 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

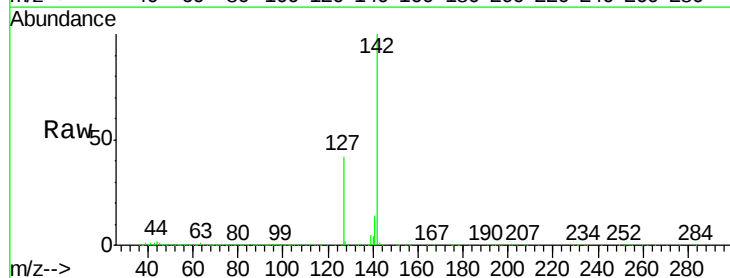
Tgt Ion:142 Resp: 242750

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

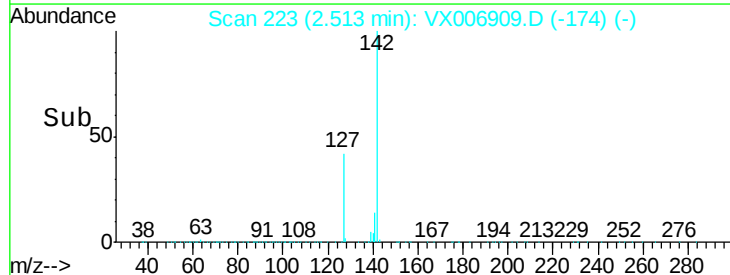
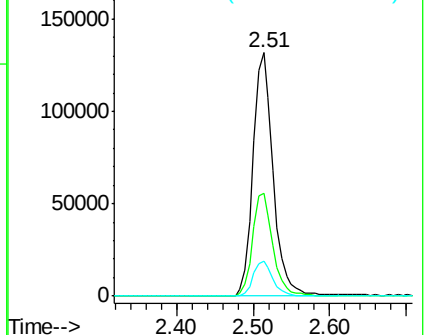
141 14.3 11.4 17.0

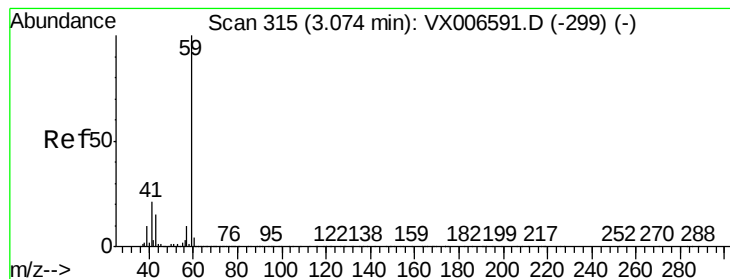


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



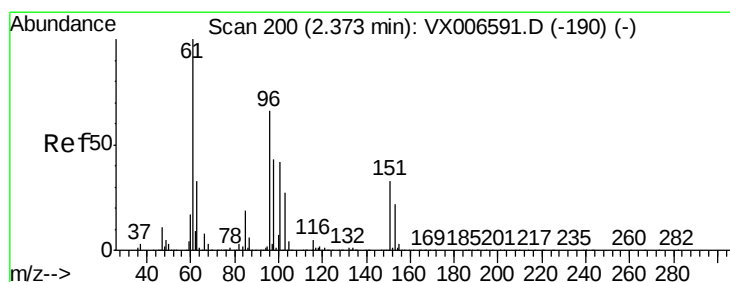
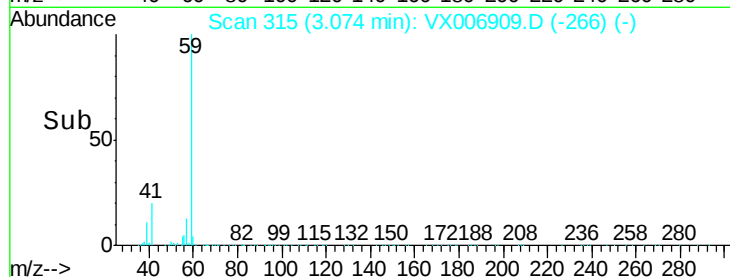
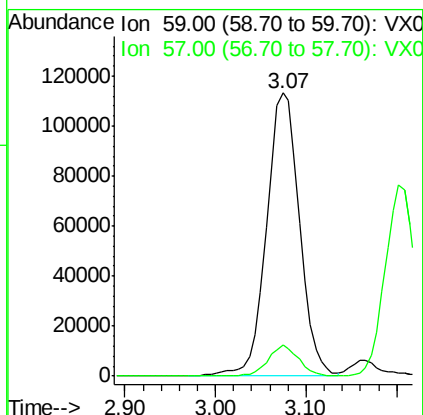
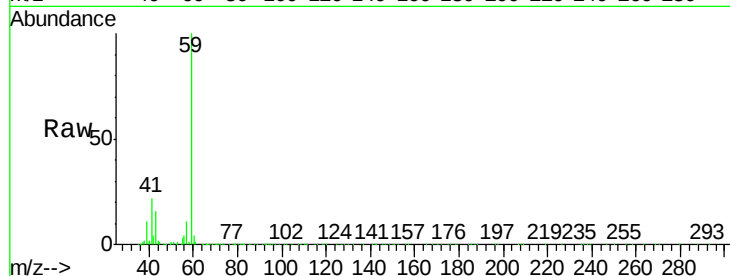


#11

Tert butyl alcohol
 Concen: 216.161 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

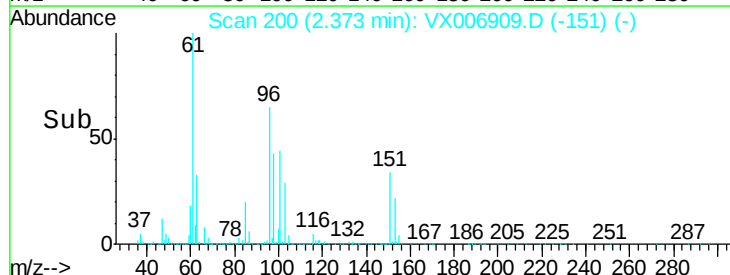
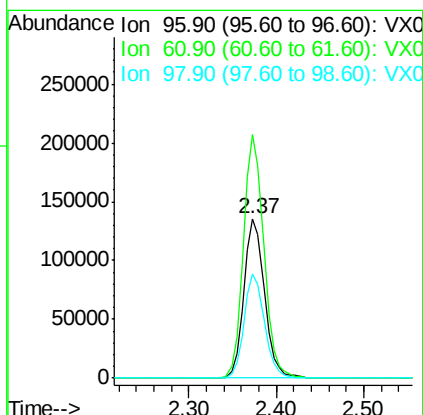
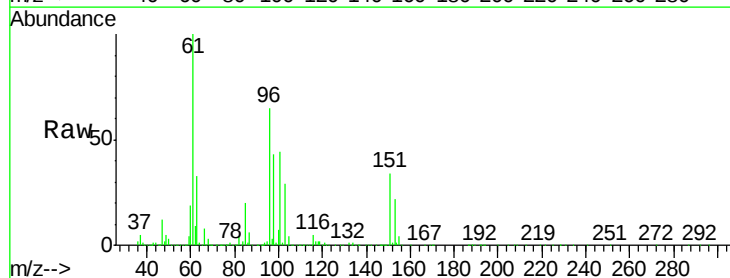
Tot Ion: 59 Resp: 284374
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

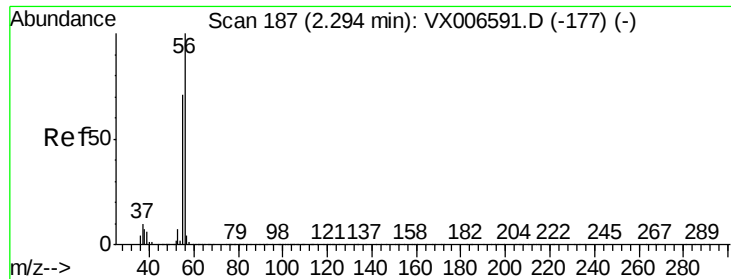


#12

1,1-Dichloroethene
 Concen: 45.196 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion: 96 Resp: 220867
 Ion Ratio Lower Upper
 96 100
 61 152.7 121.4 182.2
 98 65.1 51.9 77.9

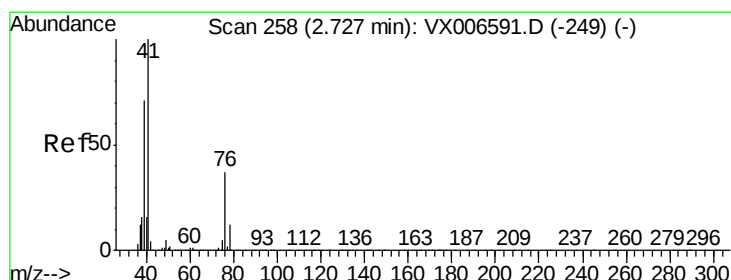
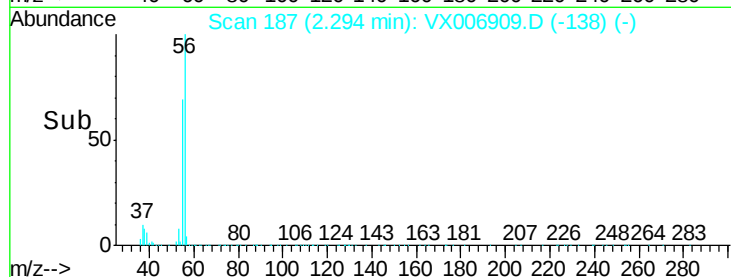
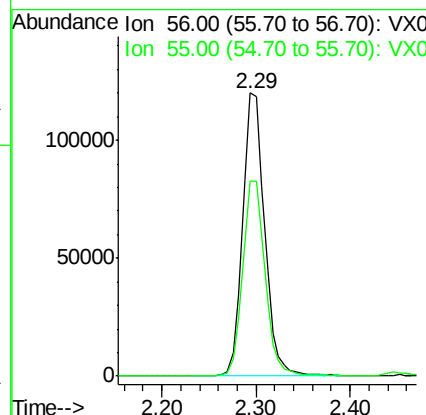
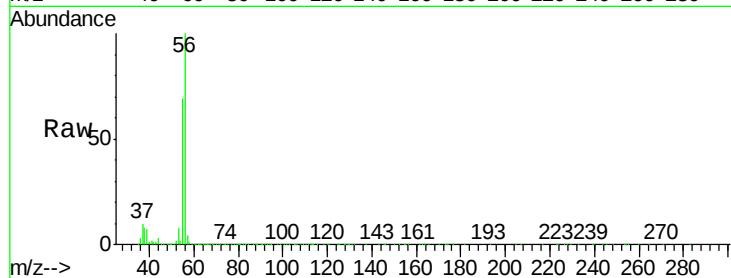




#13
Acrolein
Concen: 220.564 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

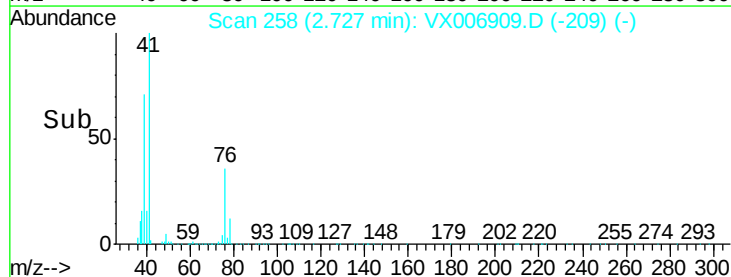
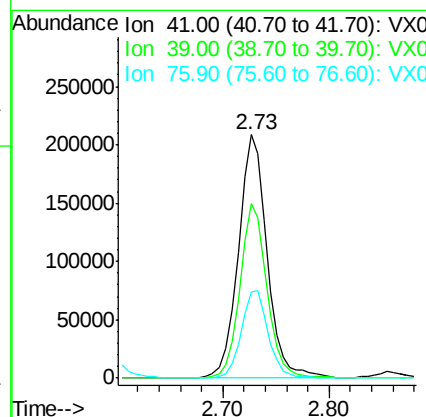
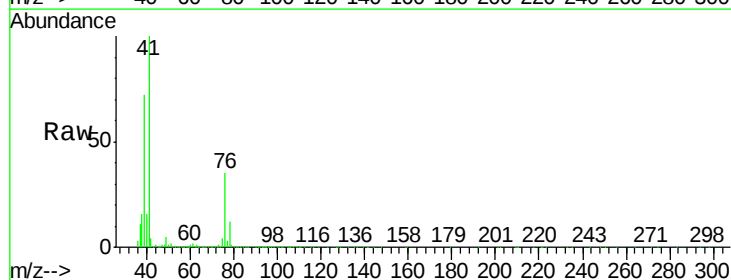
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

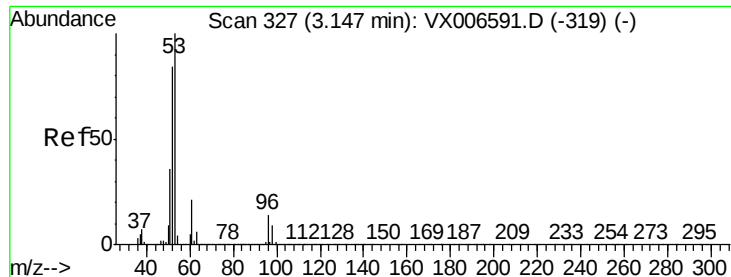
Tot Ion: 56 Resp: 195749
Ion Ratio Lower Upper
56 100
55 70.6 58.2 87.4



#14
Allyl chloride
Concen: 47.864 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 41 Resp: 393723
Ion Ratio Lower Upper
41 100
39 67.2 53.6 80.4
76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 244.372 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

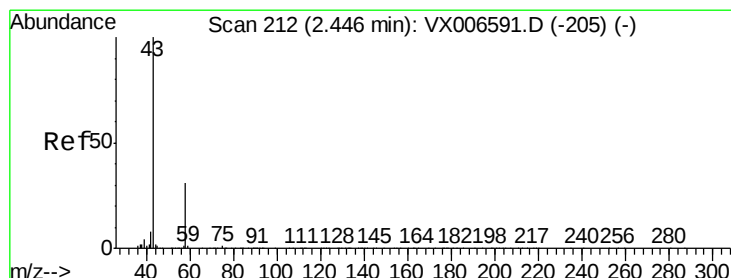
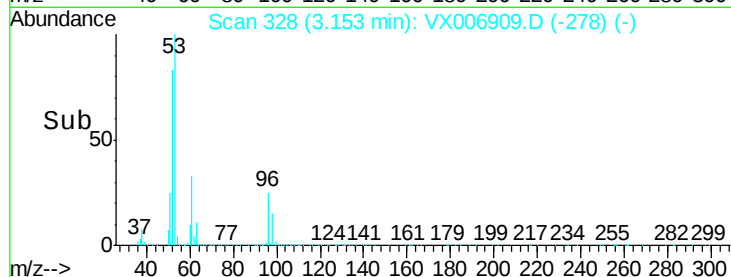
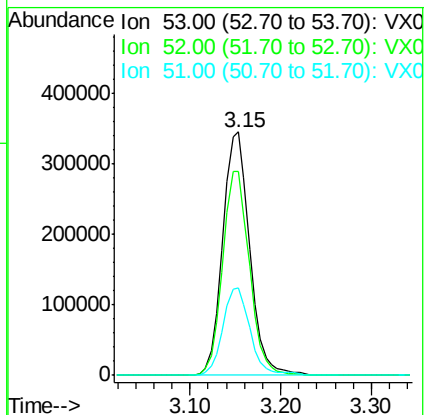
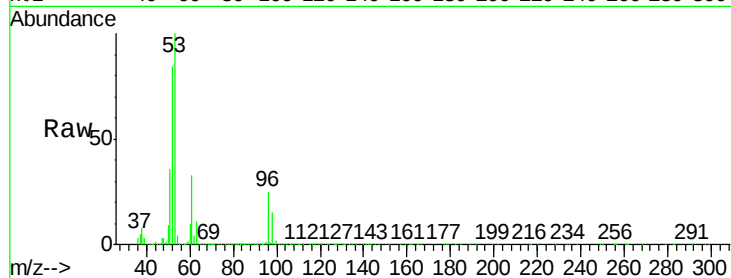
Tot Ion: 53 Resp: 713804

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

51 36.4 28.6 42.8



#16

Acetone

Concen: 238.447 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006909.D

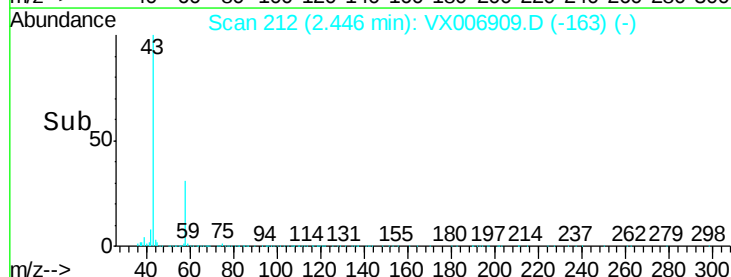
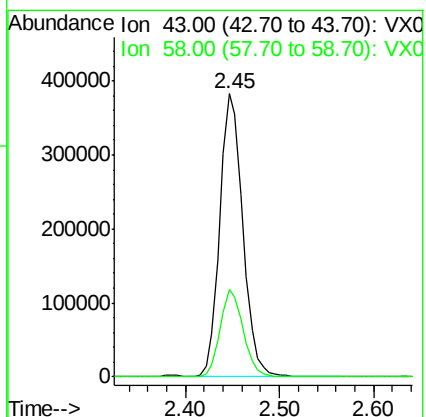
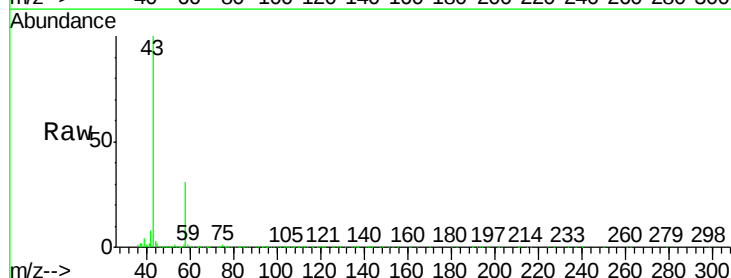
Acq: 04 Jan 2019 12:06

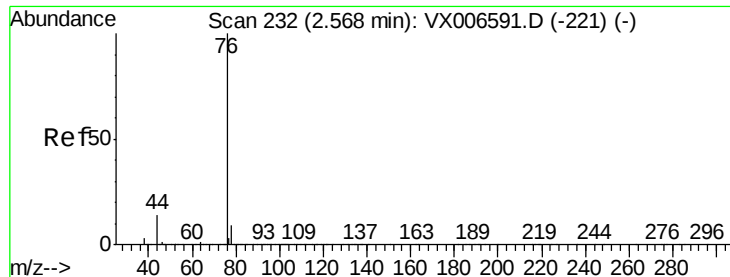
Tgt Ion: 43 Resp: 645781

Ion Ratio Lower Upper

43 100

58 31.1 25.0 37.6





#17

Carbon Disulfide

Concen: 36.223 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

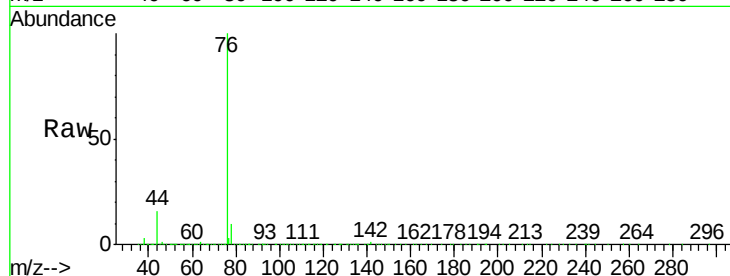
VSTDCCC050

Tot Ion: 76 Resp: 468457

Ion Ratio Lower Upper

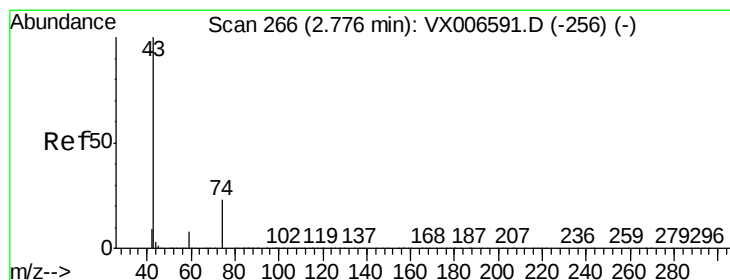
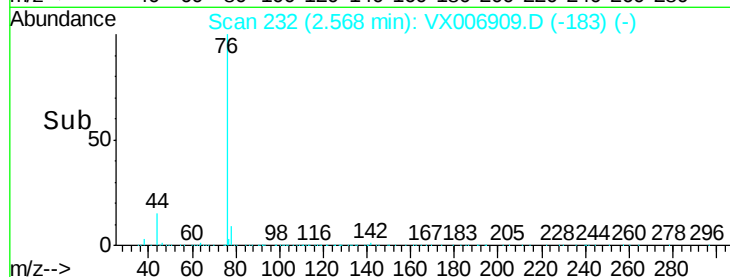
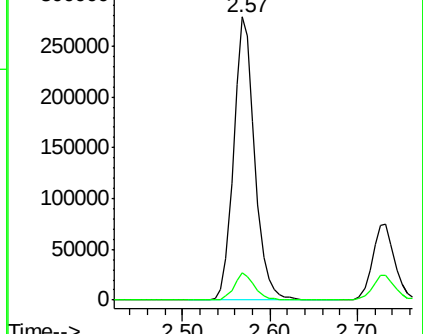
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.750 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006909.D

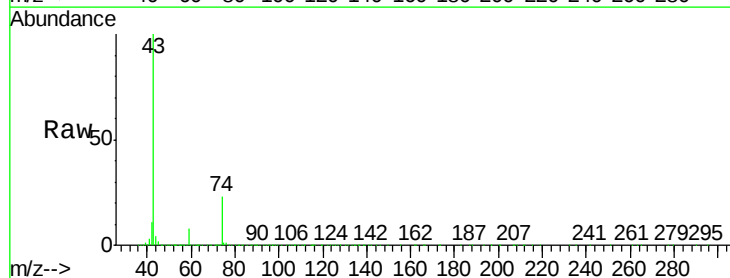
Acq: 04 Jan 2019 12:06

Tgt Ion: 43 Resp: 428041

Ion Ratio Lower Upper

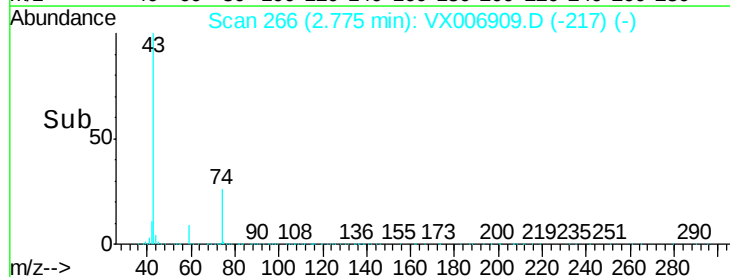
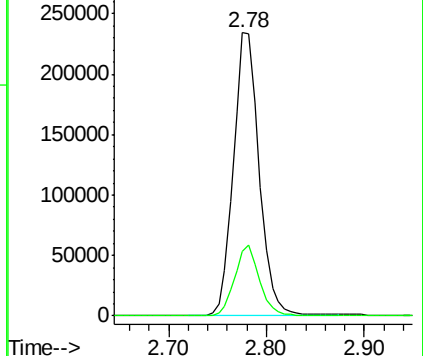
43 100

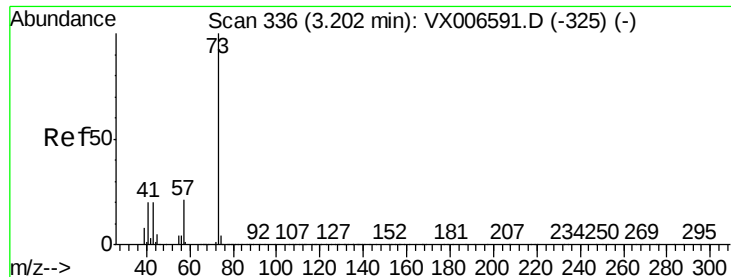
74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

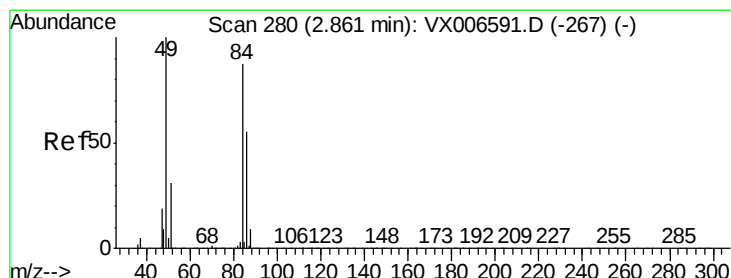
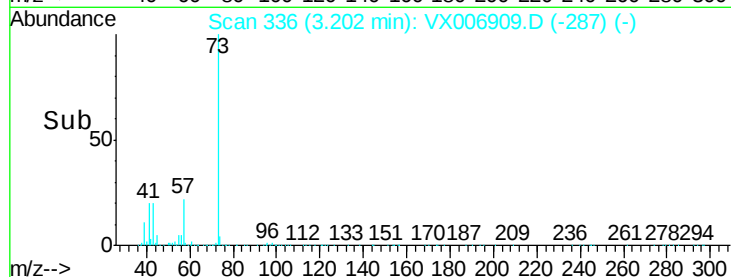
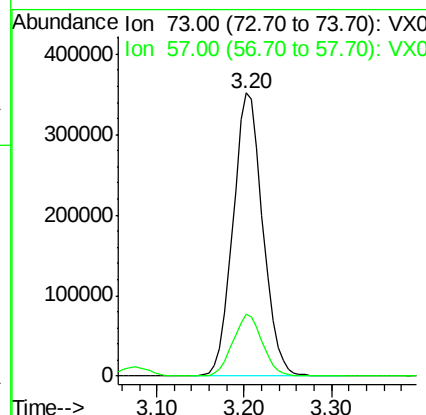
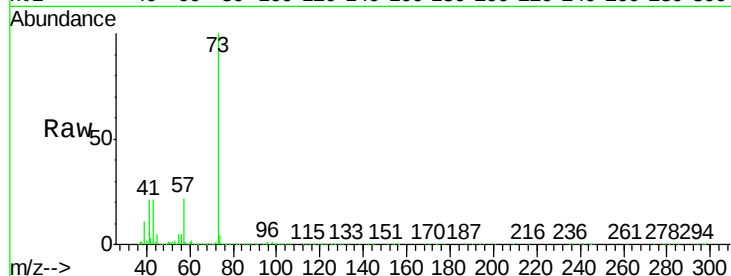




#19
Methvl tert-butvl Ether
Concen: 51.286 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

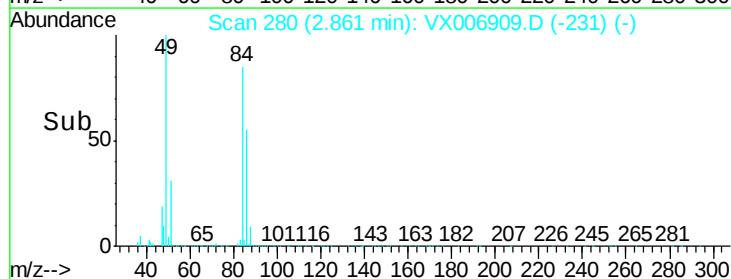
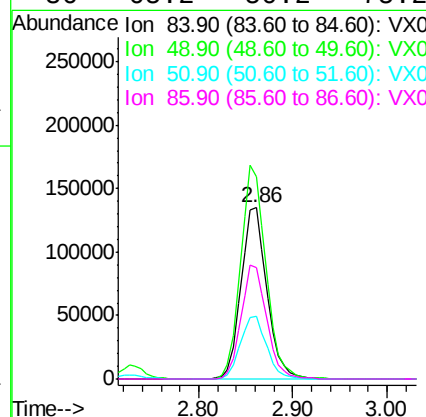
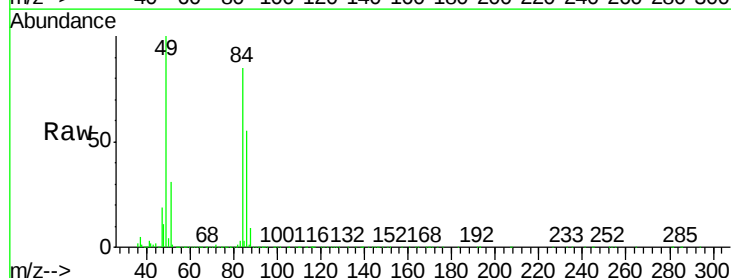
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

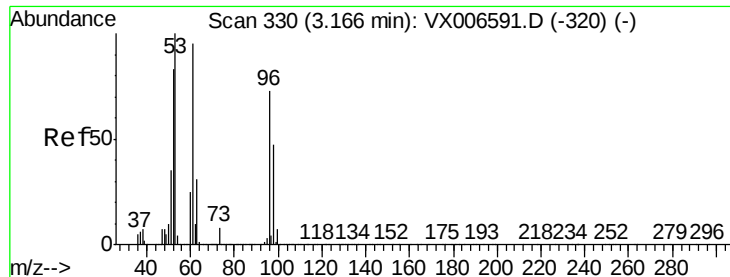
Tot Ion: 73 Resp: 831840
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 46.125 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 84 Resp: 258313
Ion Ratio Lower Upper
84 100
49 117.5 91.8 137.6
51 36.4 28.5 42.7
86 65.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.658 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

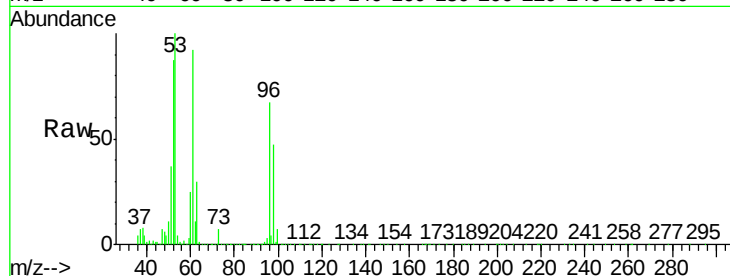
Tot Ion: 96 Resp: 236393

Ion Ratio Lower Upper

96 100

61 137.7 103.7 155.5

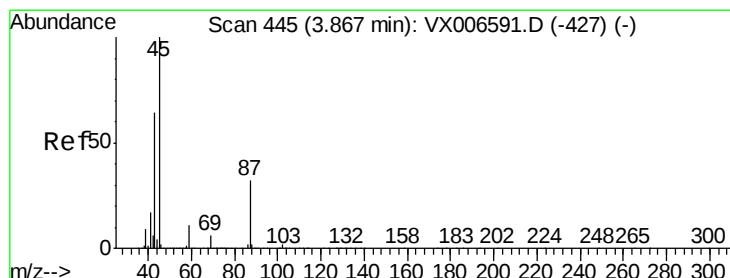
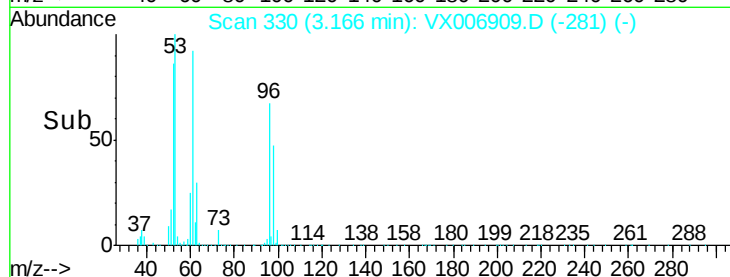
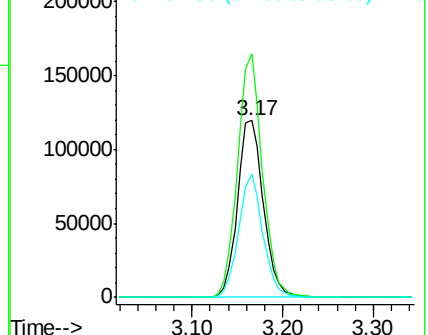
98 69.5 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.248 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Tgt Ion: 45 Resp: 786250

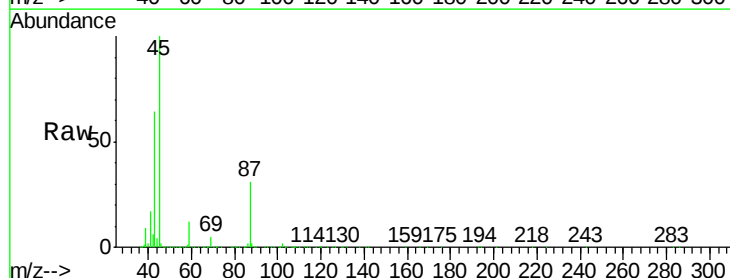
Ion Ratio Lower Upper

45 100

43 63.7 51.2 76.8

87 30.5 25.8 38.6

59 12.1 9.0 13.4

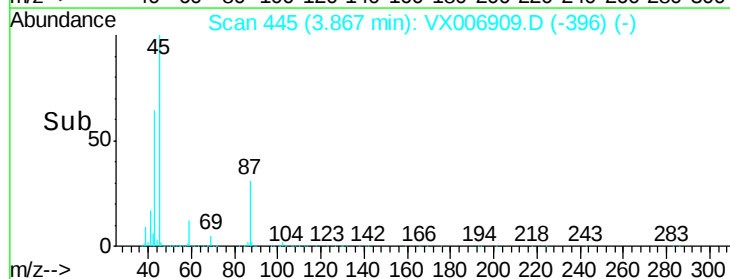
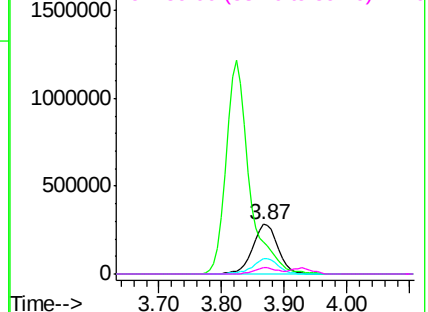


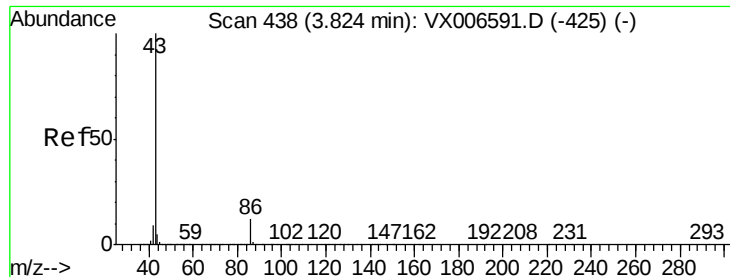
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.769 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

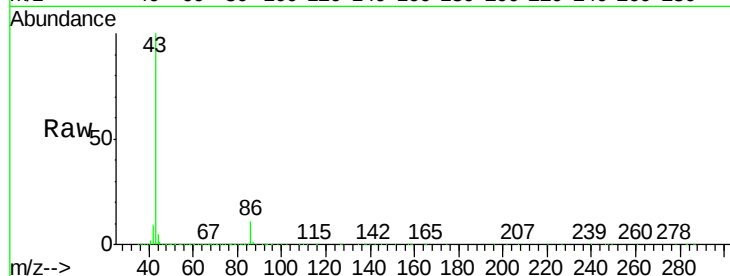
VSTDCCC050

Tot Ion: 43 Resp: 3123713

Ion Ratio Lower Upper

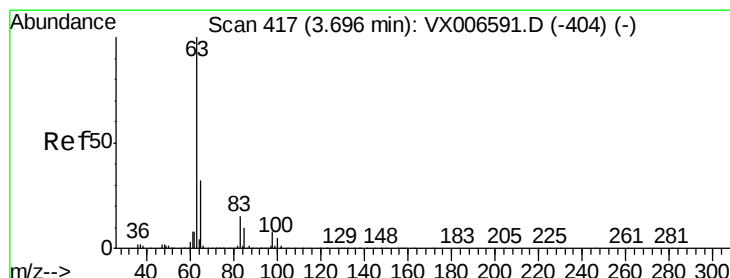
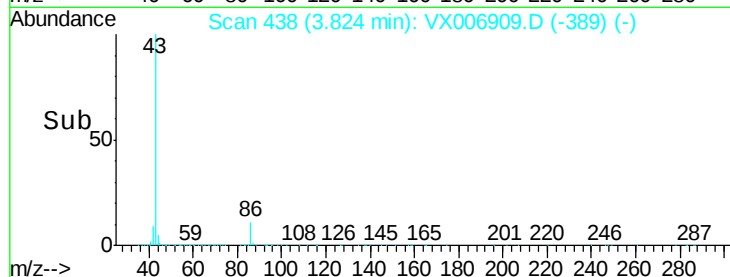
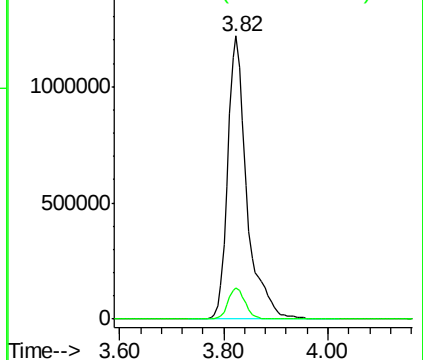
43 100

86 10.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.009 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

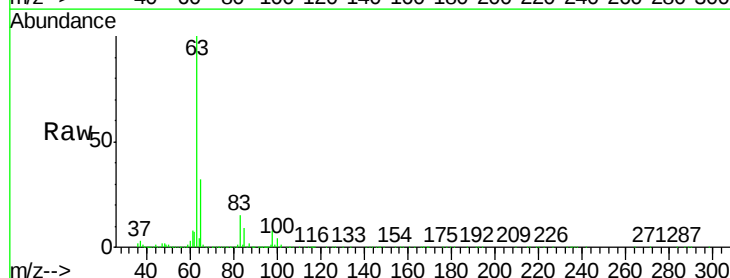
Tgt Ion: 63 Resp: 440260

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

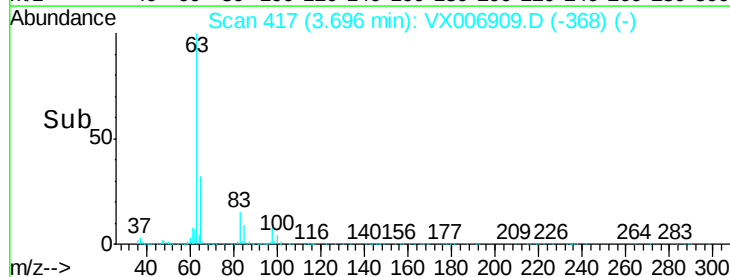
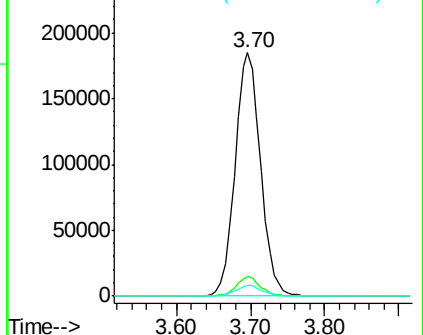
100 4.5 2.4 7.2

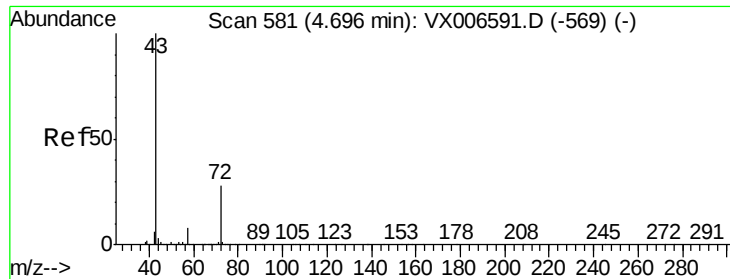


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.390 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

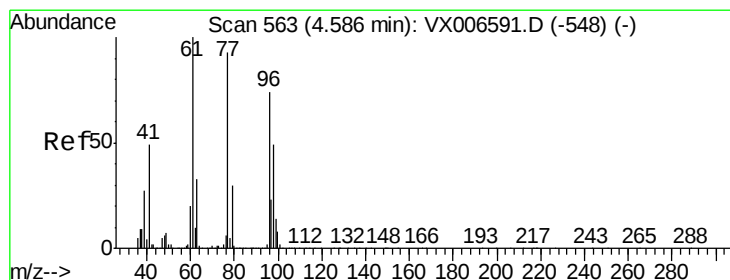
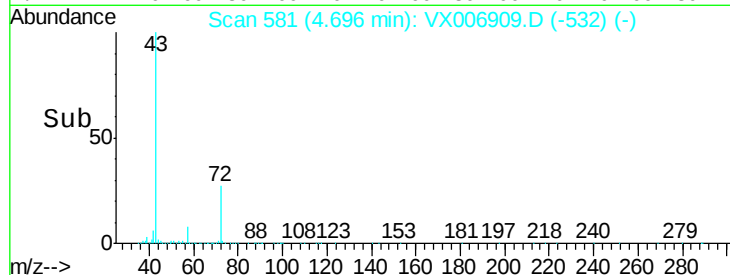
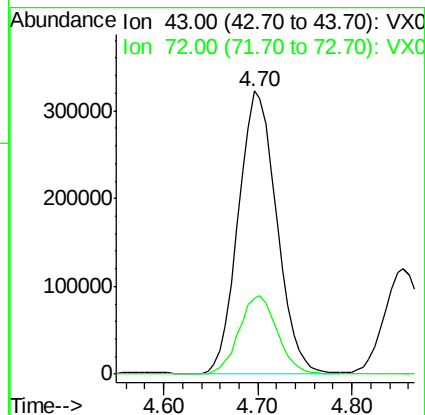
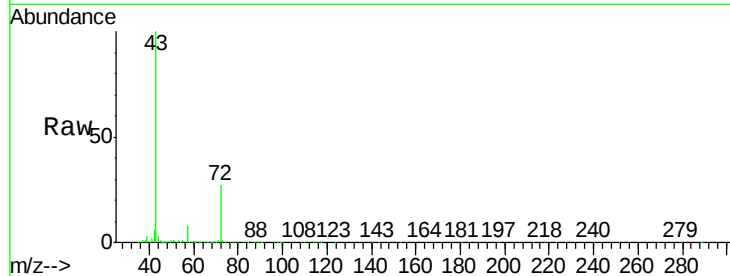
VSTDCCC050

Tot Ion: 43 Resp: 911962

Ion Ratio Lower Upper

43 100

72 27.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 49.151 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006909.D

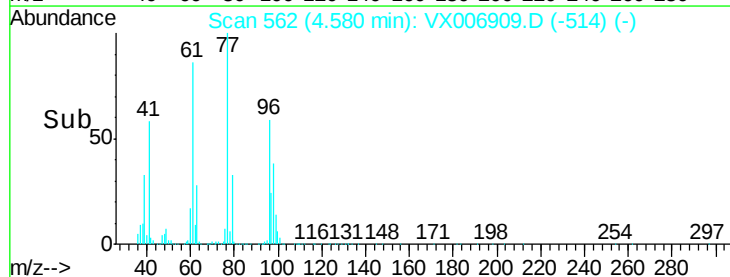
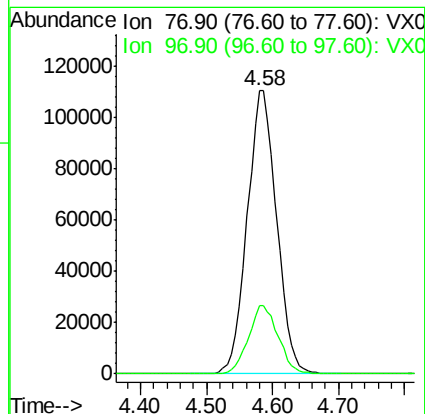
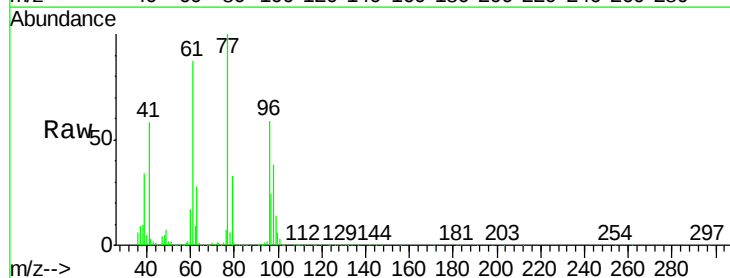
Acq: 04 Jan 2019 12:06

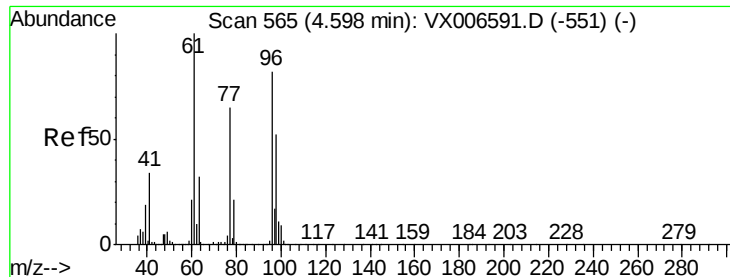
Tgt Ion: 77 Resp: 341073

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4



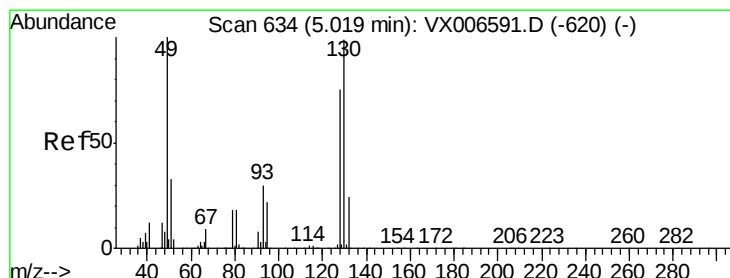
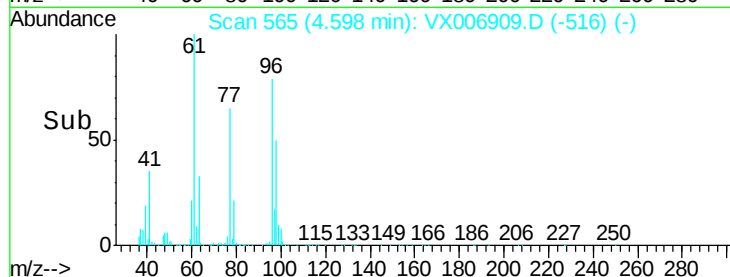
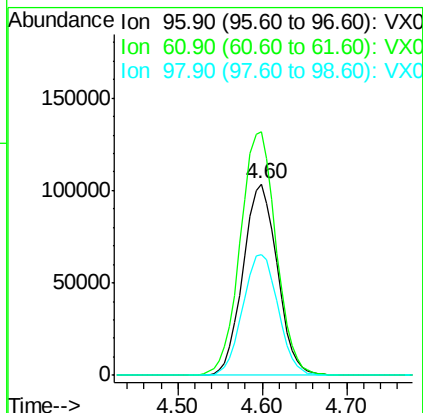
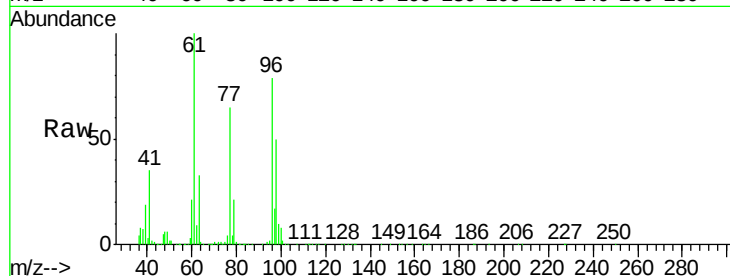


#27

cis-1,2-Dichloroethene
Concen: 47.848 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

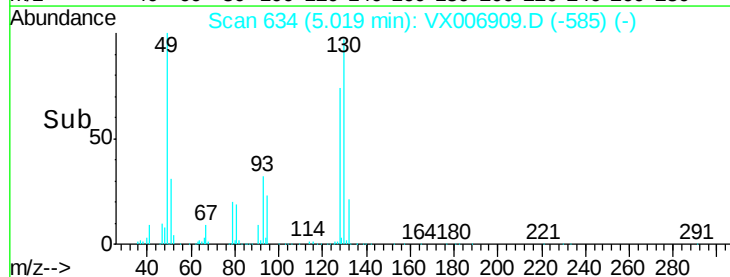
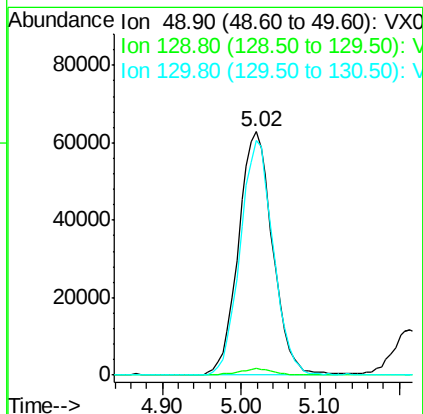
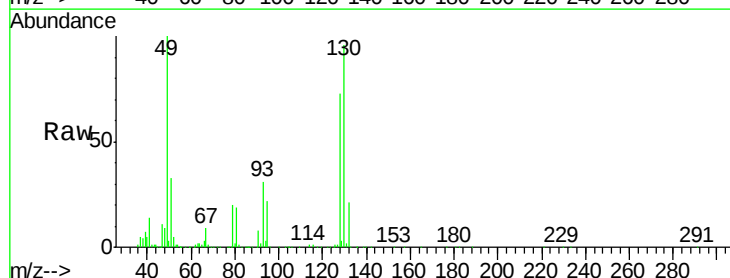
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	258.6
98	65.0	0.0	132.0

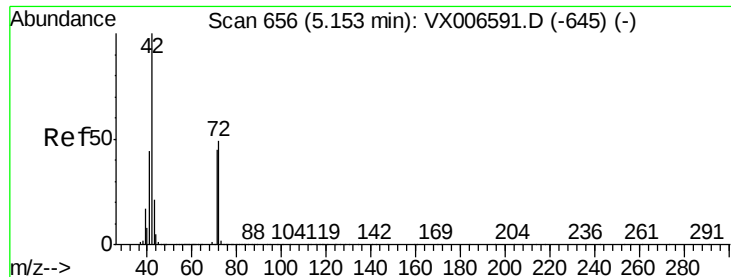


#28

Bromochloromethane
Concen: 49.689 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.8	77.7	116.5





#29

Tetrahydrofuran

Concen: 238.319 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

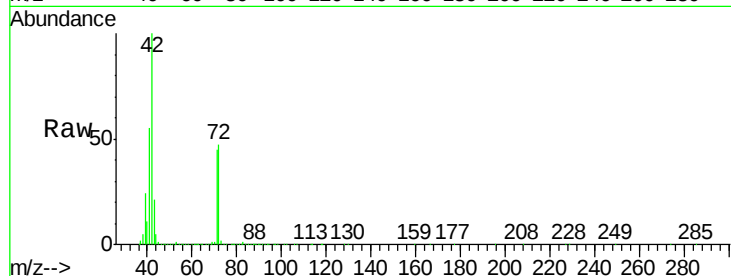
Tot Ion: 42 Resp: 597960

Ion Ratio Lower Upper

42 100

72 47.1 38.9 58.3

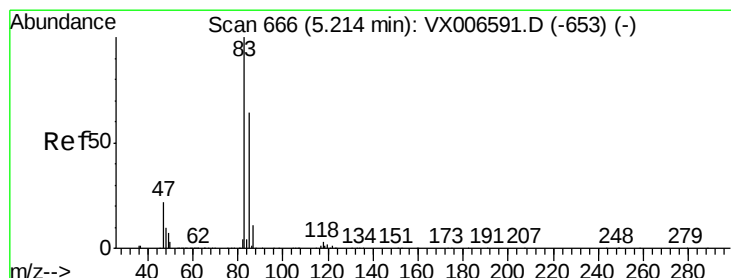
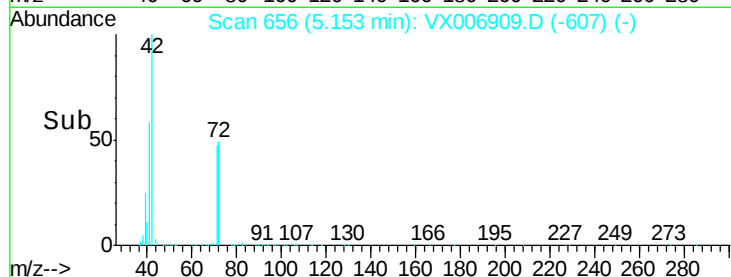
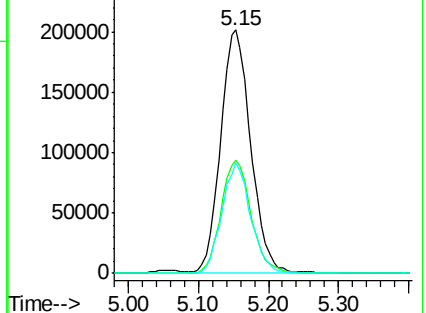
71 43.7 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.746 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006909.D

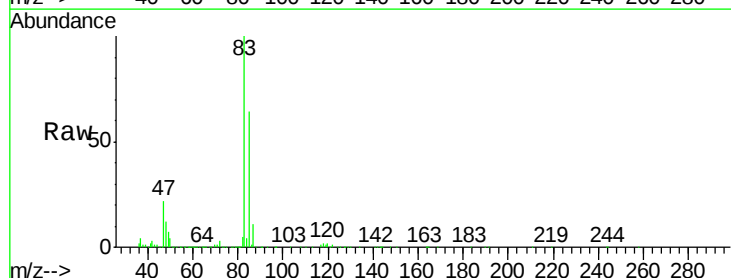
Acq: 04 Jan 2019 12:06

Tgt Ion: 83 Resp: 462769

Ion Ratio Lower Upper

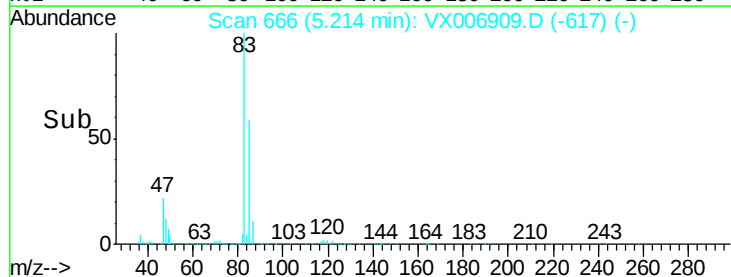
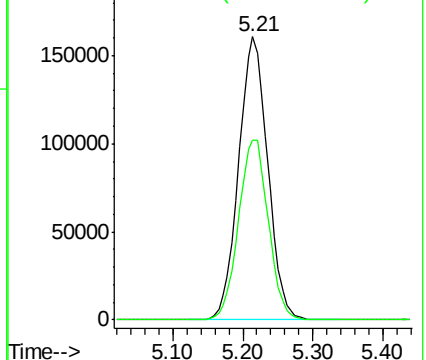
83 100

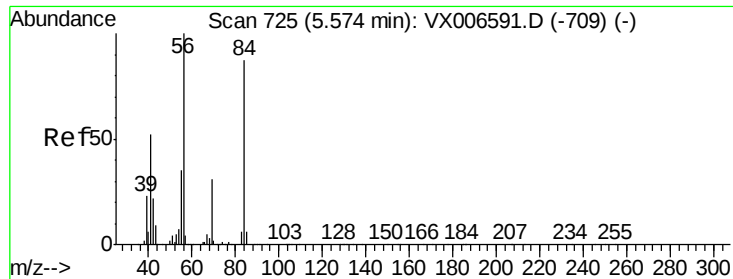
85 63.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

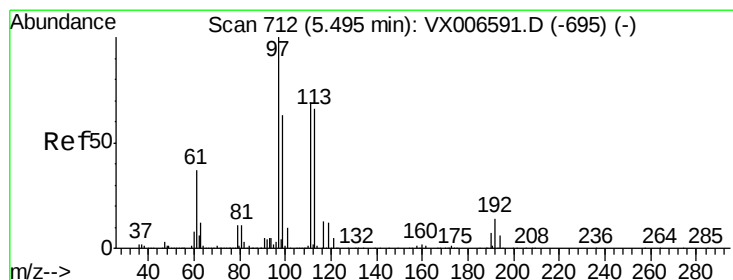
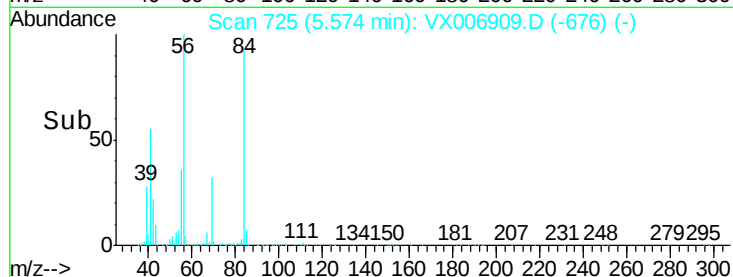
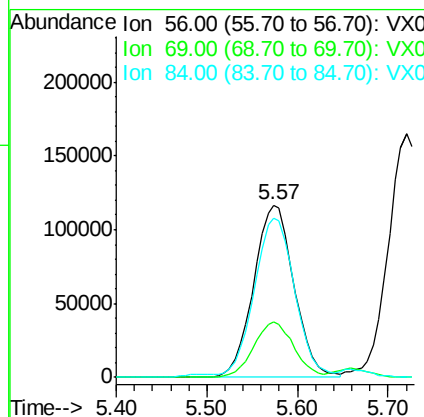
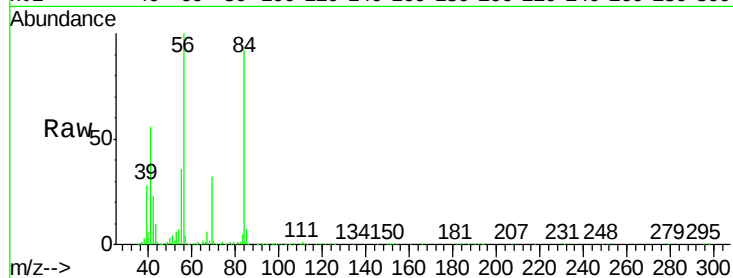




#31
Cyclohexane
Concen: 43.822 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

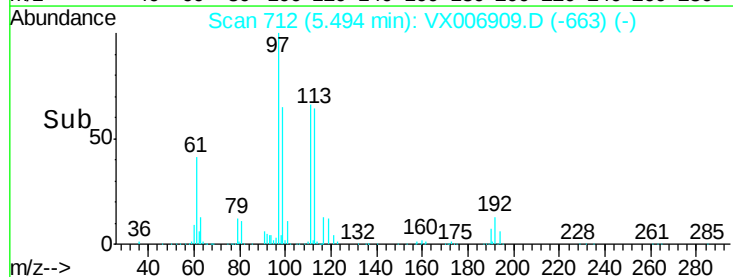
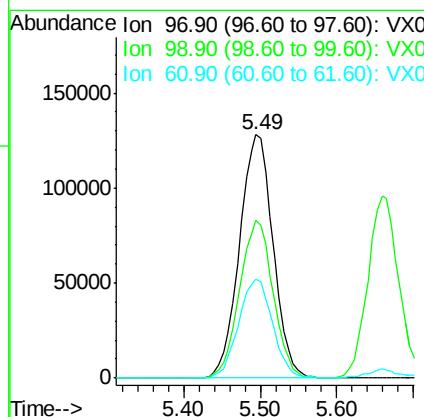
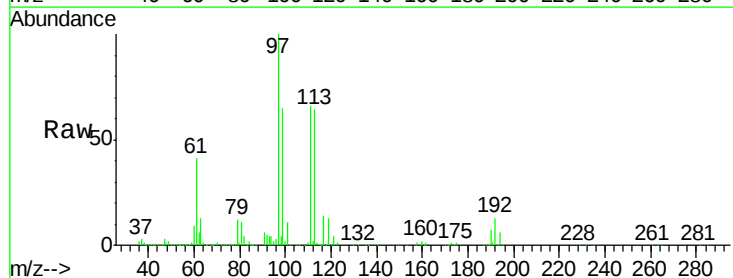
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

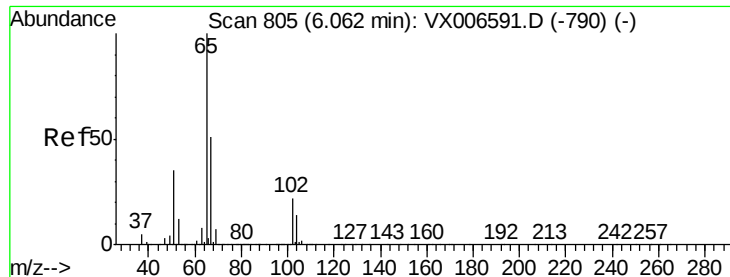
Tot Ion: 56 Resp: 357639
Ion Ratio Lower Upper
56 100
69 31.9 24.4 36.6
84 90.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.681 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 97 Resp: 390247
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: 47.686 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

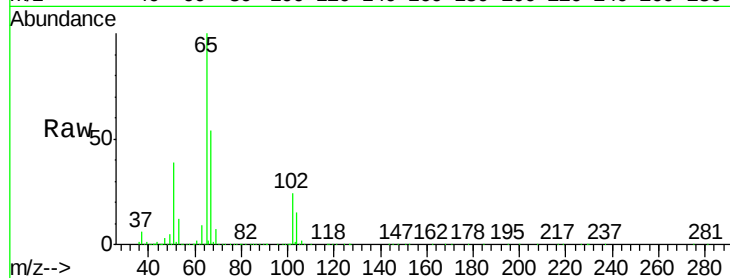
VSTDCCC050

Tot Ion: 65 Resp: 281103

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

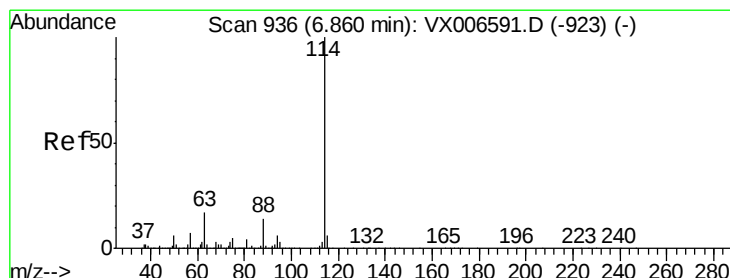
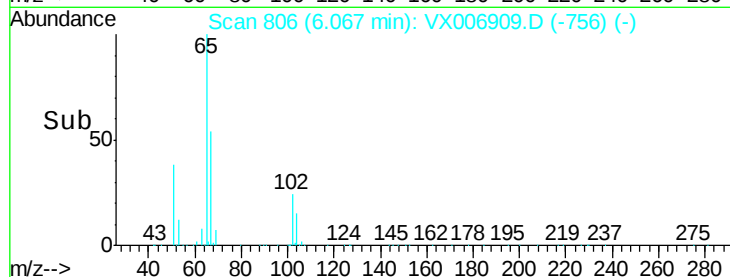
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

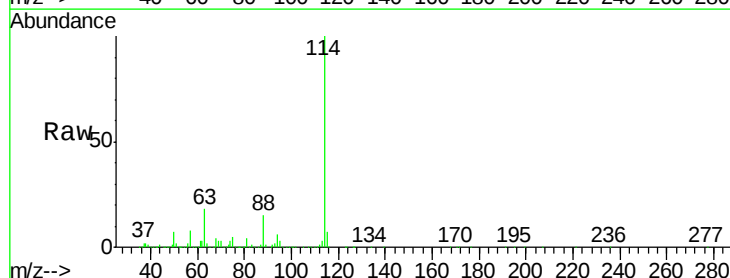
Tgt Ion: 114 Resp: 790234

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.9 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

6.86

400000

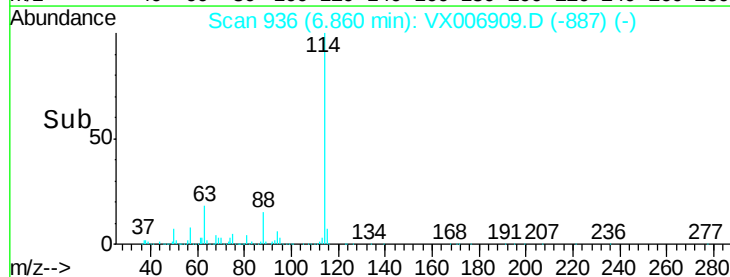
300000

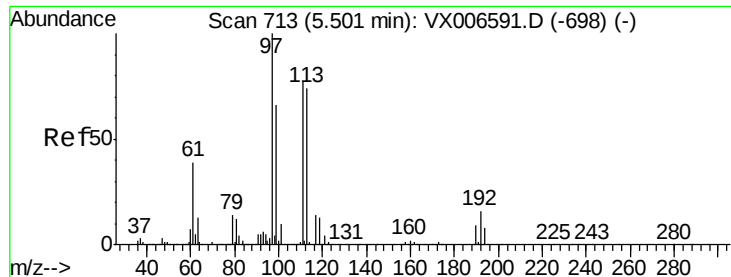
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.223 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

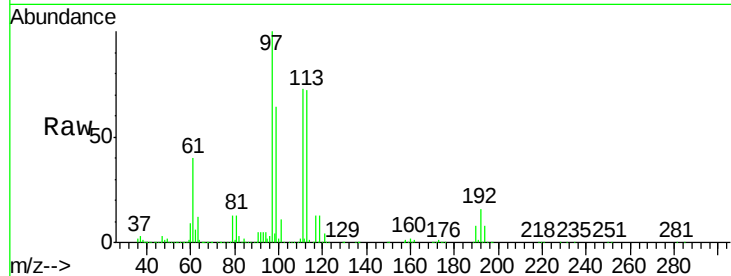
Tot Ion:113 Resp: 255974

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

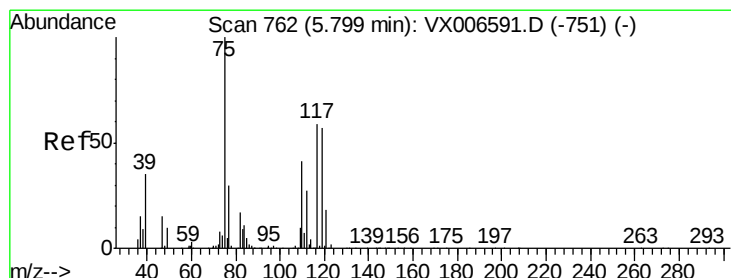
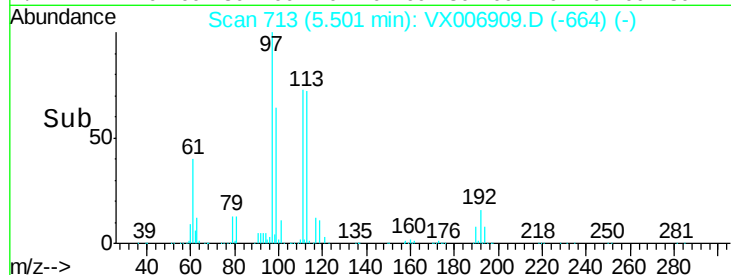
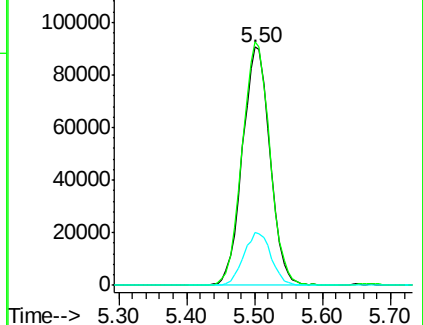
192 22.1 16.7 25.1



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: 50.128 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

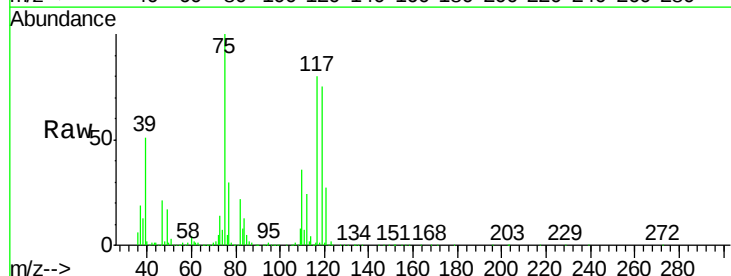
Tgt Ion: 75 Resp: 328083

Ion Ratio Lower Upper

75 100

110 39.4 20.2 60.5

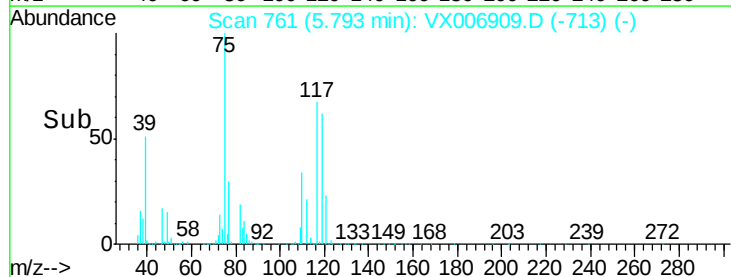
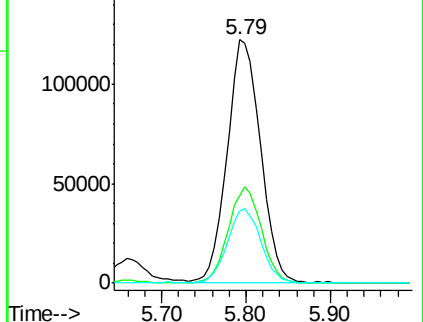
77 30.4 24.8 37.2

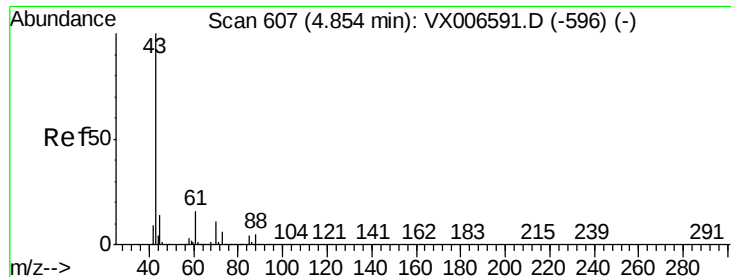


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

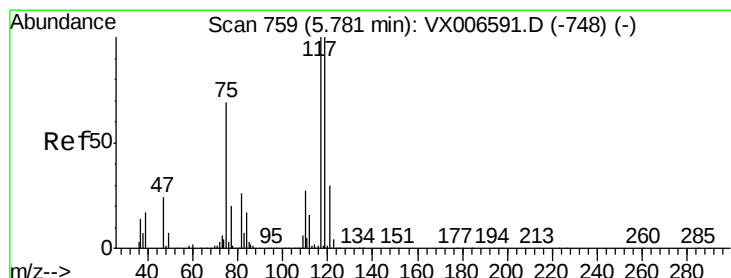
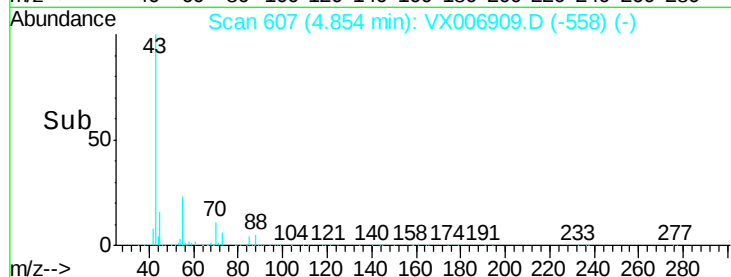
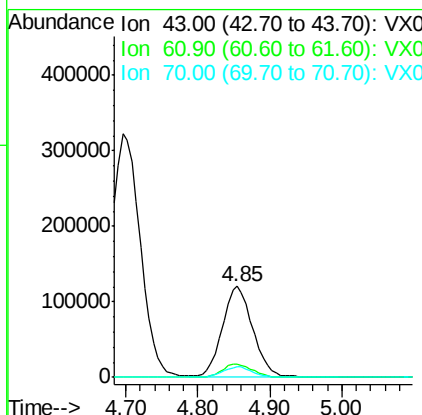
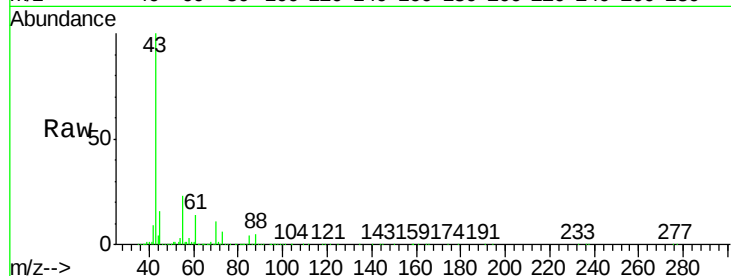




#37
Ethyl Acetate
Concen: 51.269 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

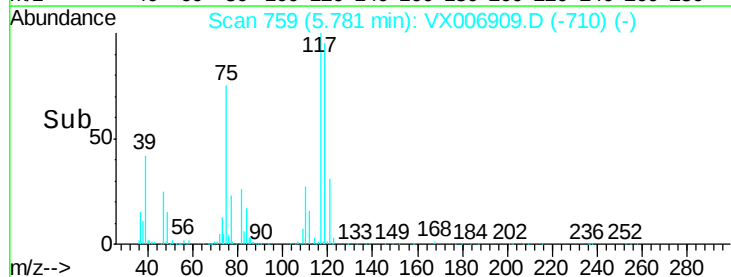
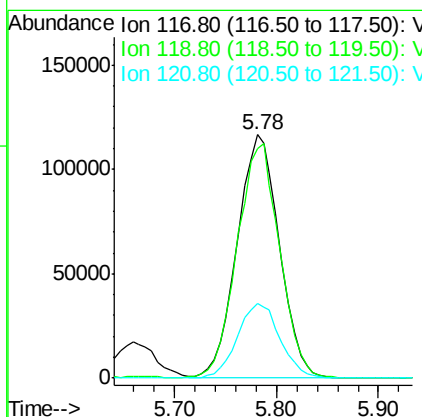
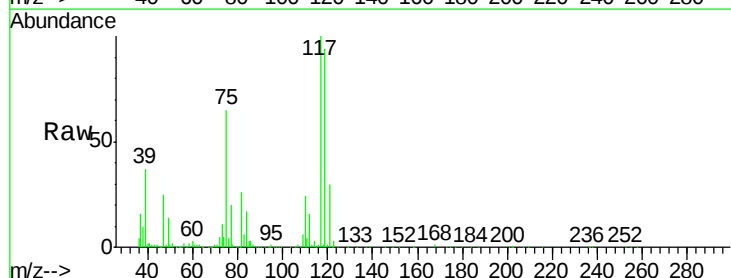
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

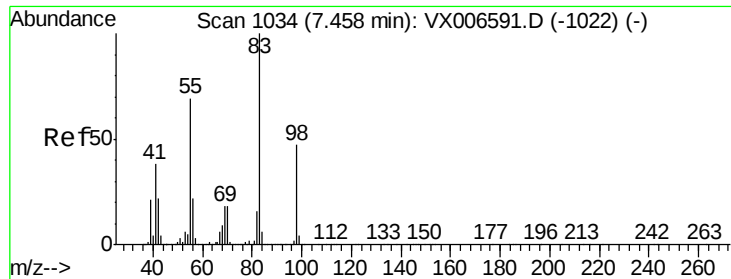
Tot Ion: 43 Resp: 349252
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.458 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 117 Resp: 333670
Ion Ratio Lower Upper
117 100
119 94.1 79.4 119.2
121 30.4 24.0 36.0

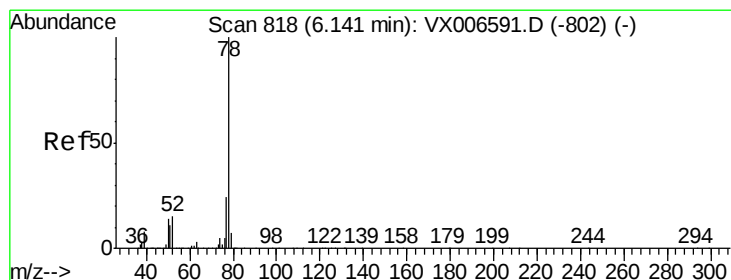
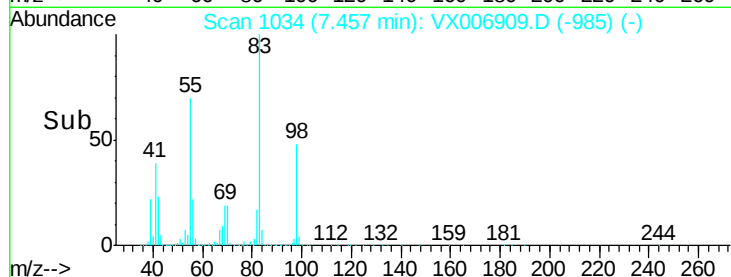
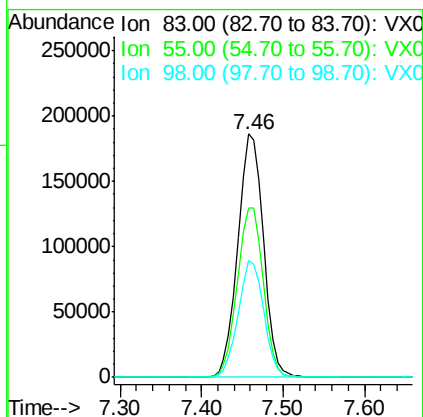
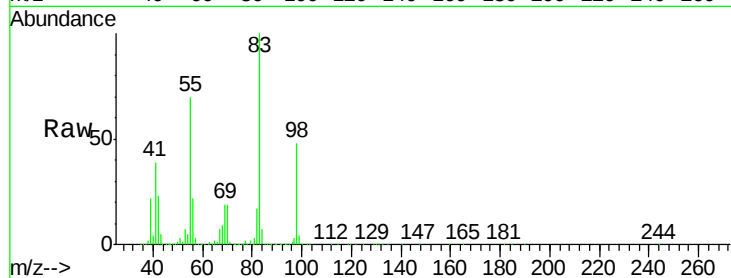




#39
Methvlcvclohexane
Concen: 47.069 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

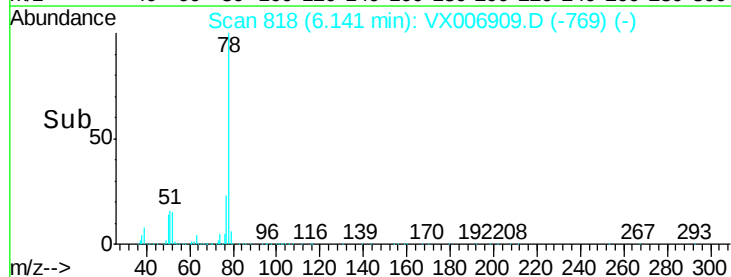
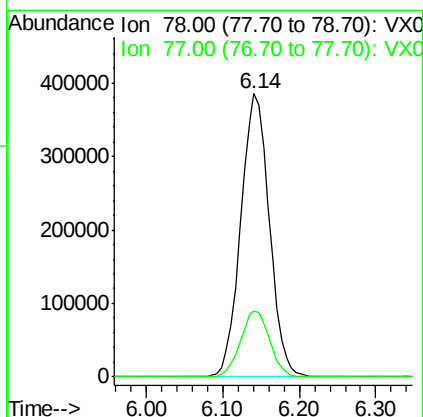
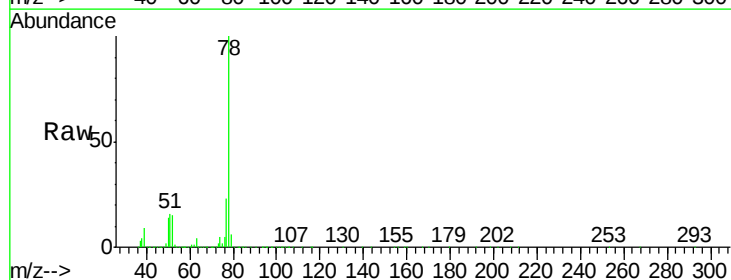
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

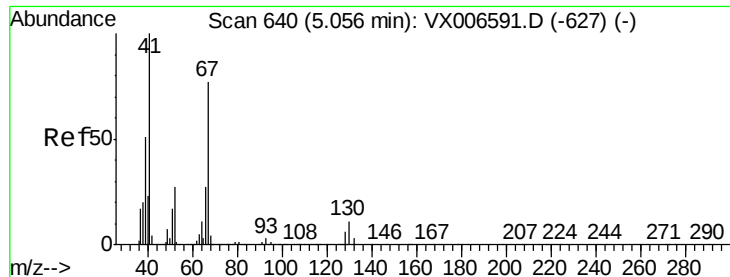
Tot Ion: 83 Resp: 405571
Ion Ratio Lower Upper
83 100
55 69.6 54.9 82.3
98 48.1 37.9 56.9



#40
Benzene
Concen: 50.191 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 78 Resp: 998524
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 54.687 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 197785

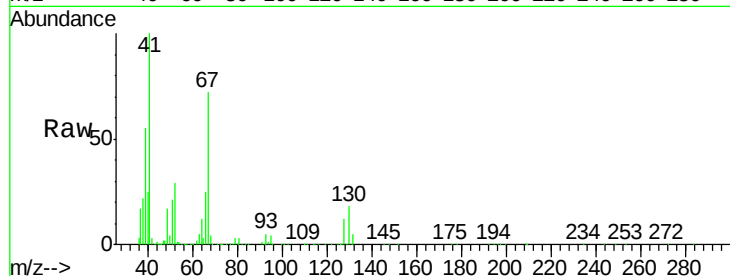
Ion Ratio Lower Upper

41 100

39 55.8 42.8 64.2

67 78.2 62.1 93.1

52 29.8 23.4 35.0

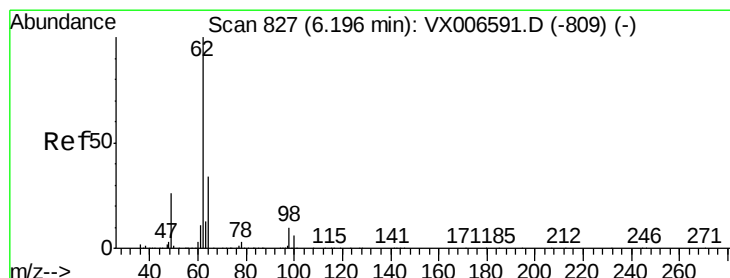
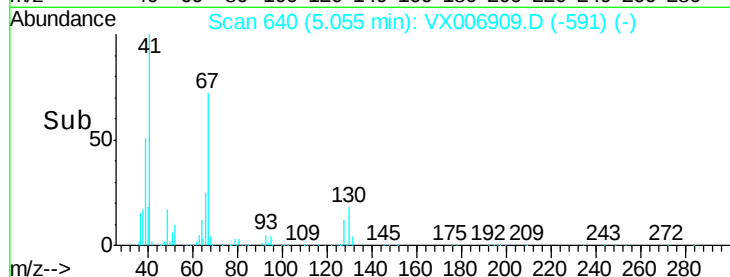
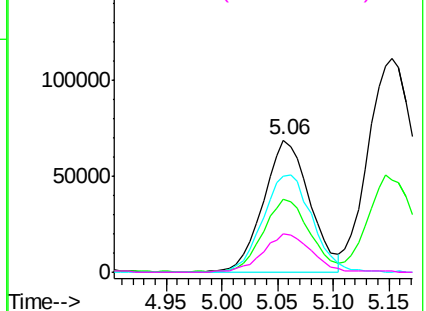


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.196 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006909.D

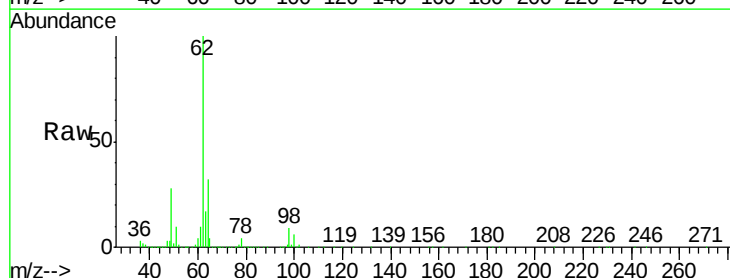
Acq: 04 Jan 2019 12:06

Tgt Ion: 62 Resp: 347065

Ion Ratio Lower Upper

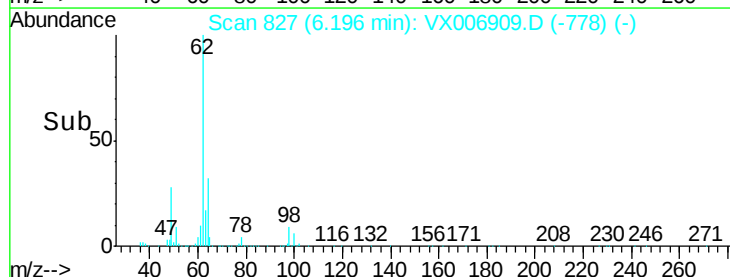
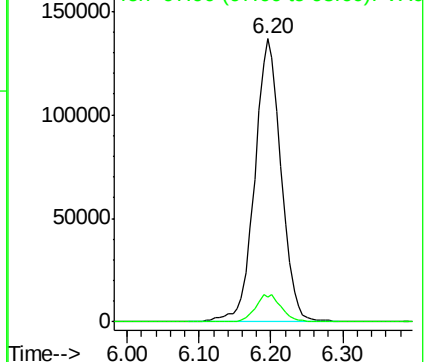
62 100

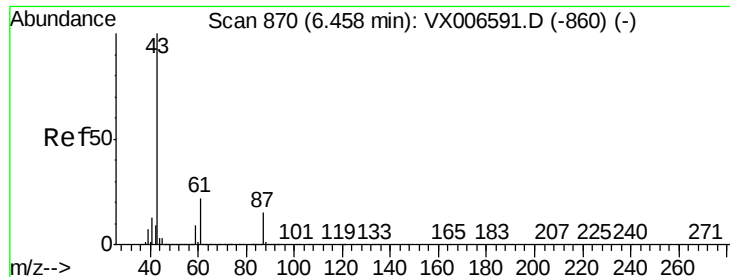
98 9.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



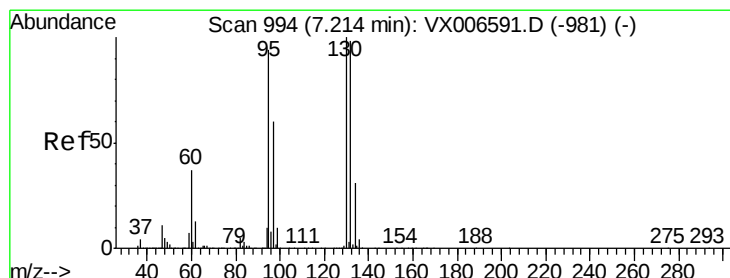
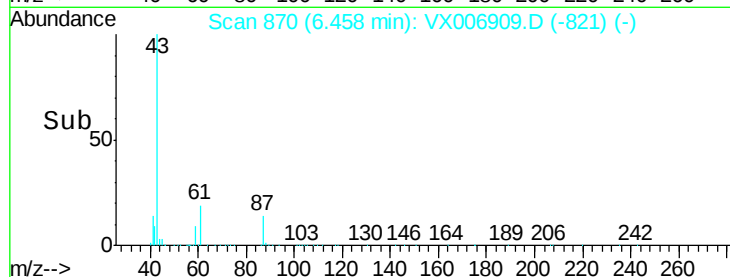
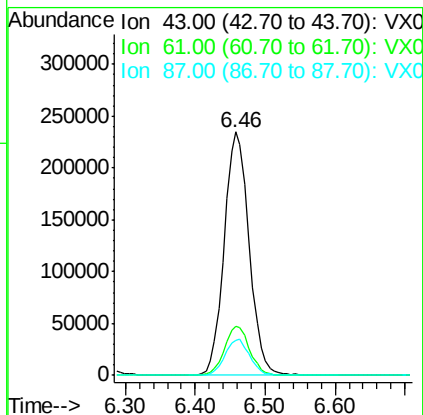
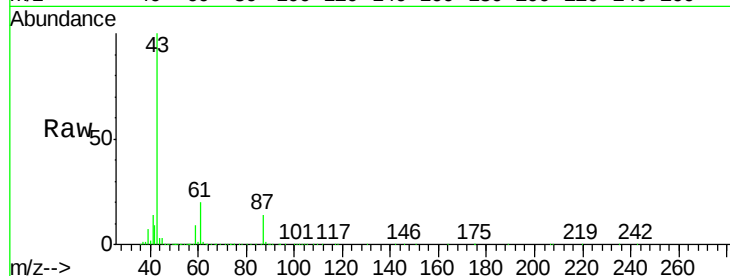


#43

Isopropyl Acetate
 Concen: 55.714 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

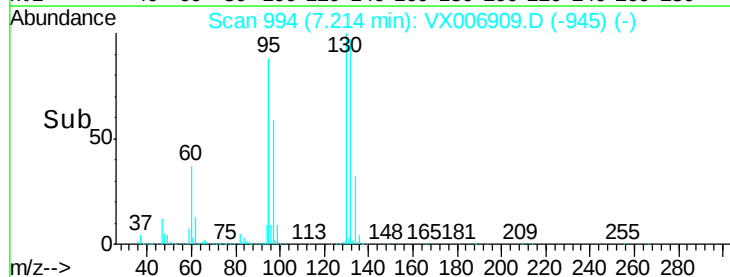
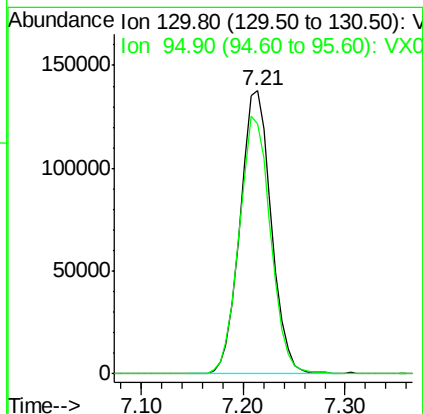
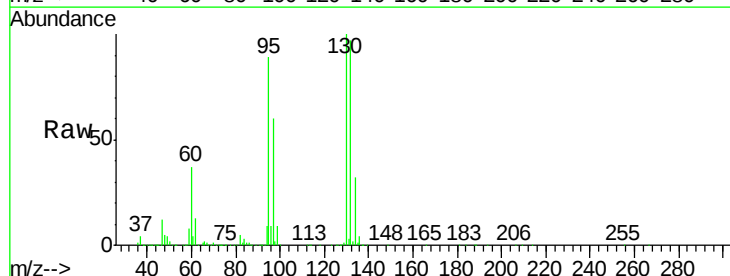
Tot Ion: 43 Resp: 577476
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.8 25.2
 87 14.9 12.4 18.6

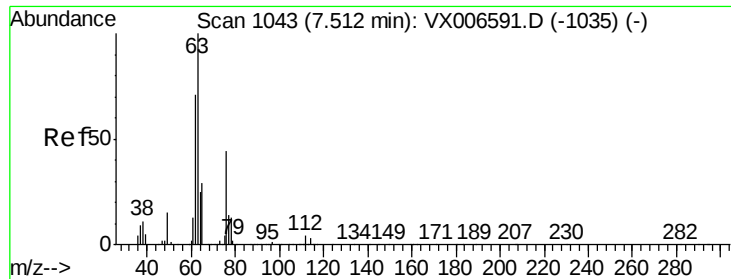


#44

Trichloroethene
 Concen: 48.623 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion: 130 Resp: 292779
 Ion Ratio Lower Upper
 130 100
 95 88.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 53.810 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

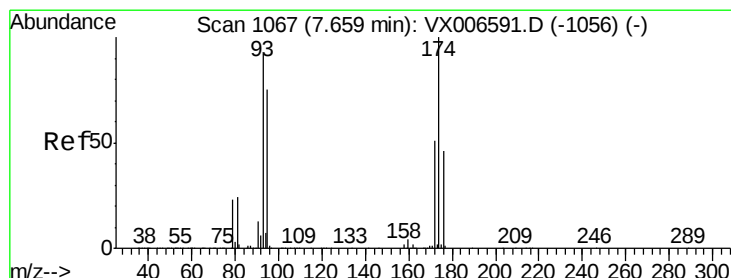
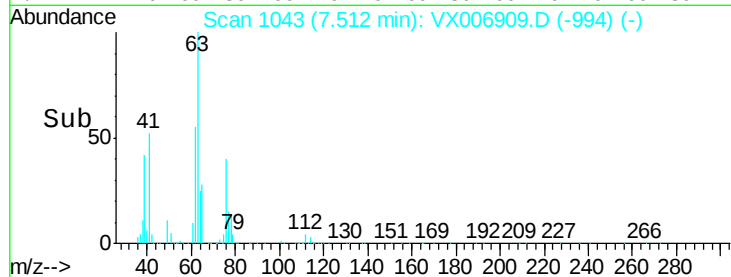
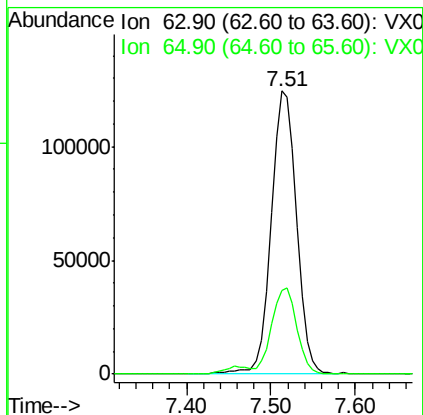
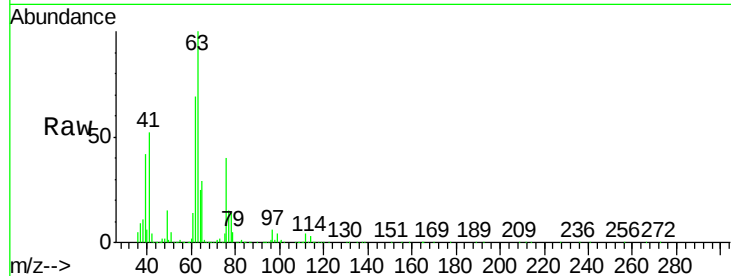
VSTDCCC050

Tot Ion: 63 Resp: 260513

Ion Ratio Lower Upper

63 100

65 29.3 25.4 38.0



#46

Dibromomethane

Concen: 51.685 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

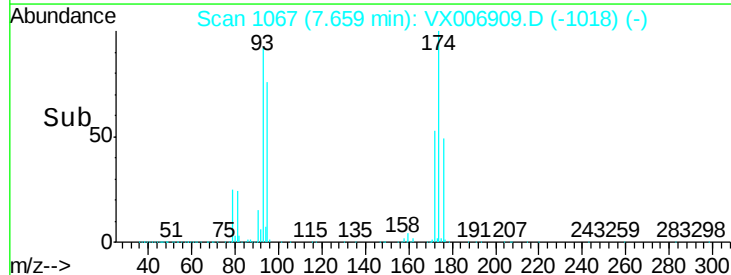
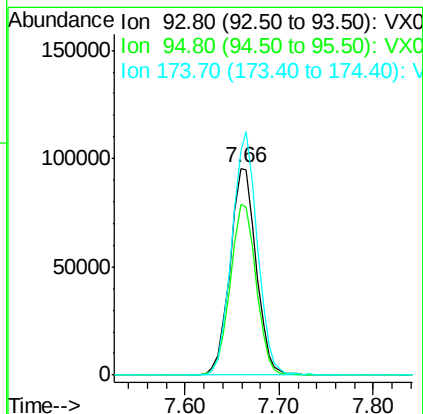
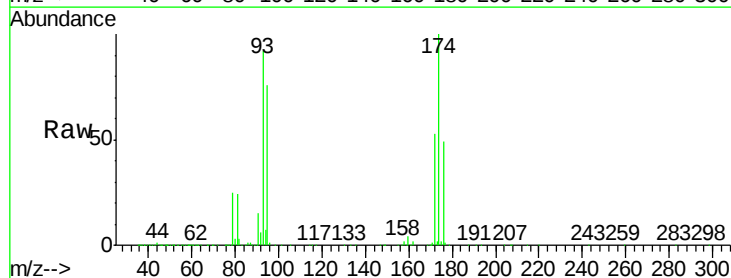
Tgt Ion: 93 Resp: 184053

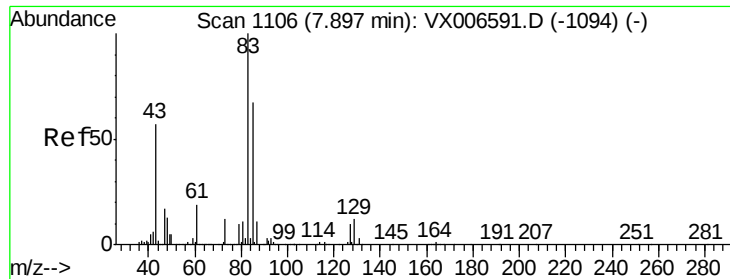
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 114.7 91.0 136.4





#47

Bromodichloromethane

Concen: 55.577 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

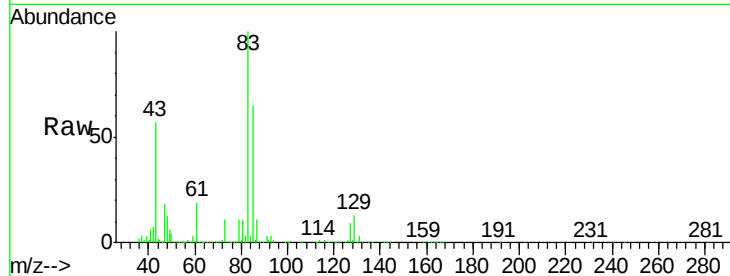
Tot Ion: 83 Resp: 328577

Ion Ratio Lower Upper

83 100

85 65.0 53.2 79.8

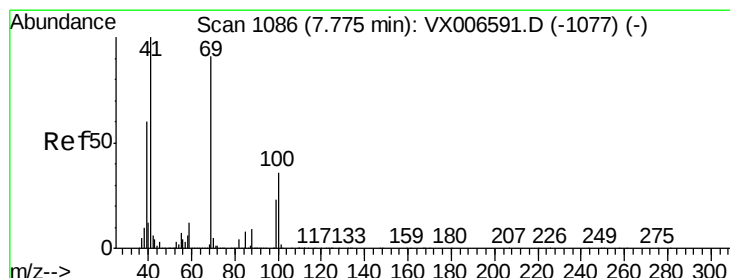
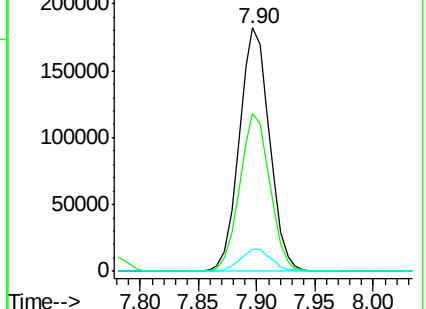
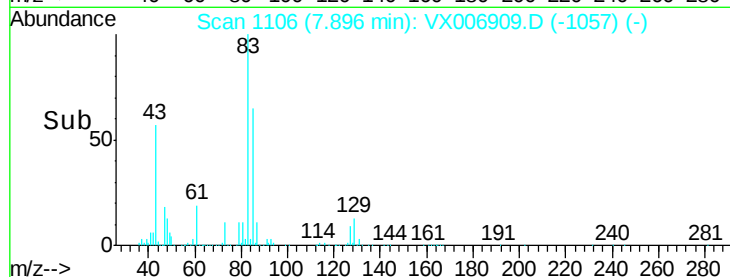
127 9.2 7.8 11.6



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: 54.760 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

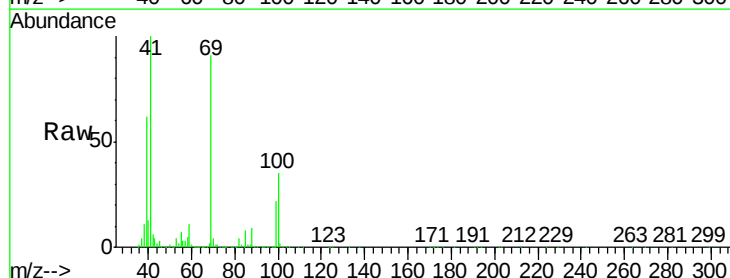
Tgt Ion: 41 Resp: 288631

Ion Ratio Lower Upper

41 100

69 90.3 72.4 108.6

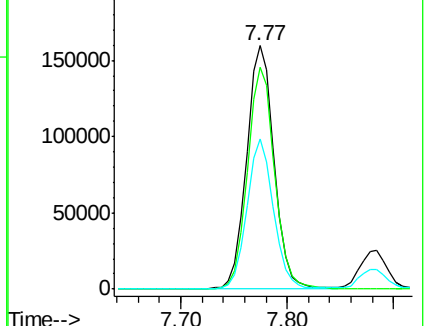
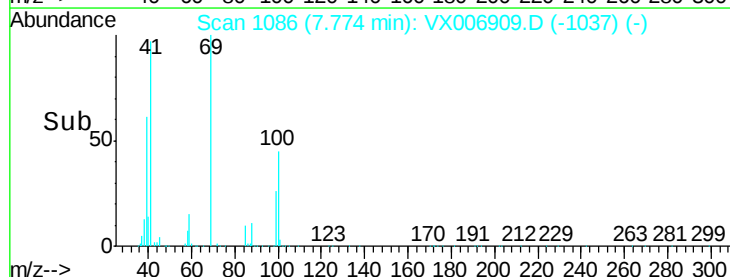
39 59.7 45.8 68.8

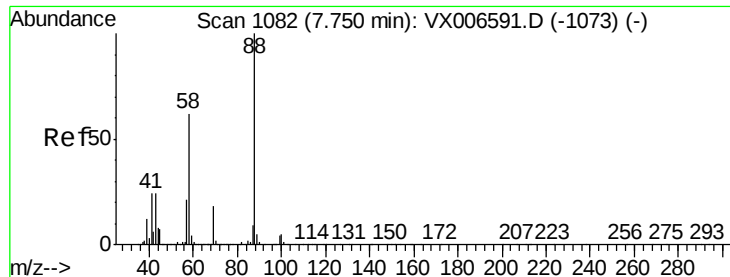


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 850.205 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

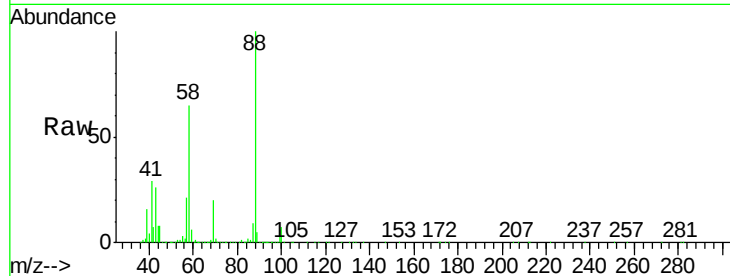
Tot Ion: 88 Resp: 117662

Ion Ratio Lower Upper

88 100

43 30.6 22.2 33.4

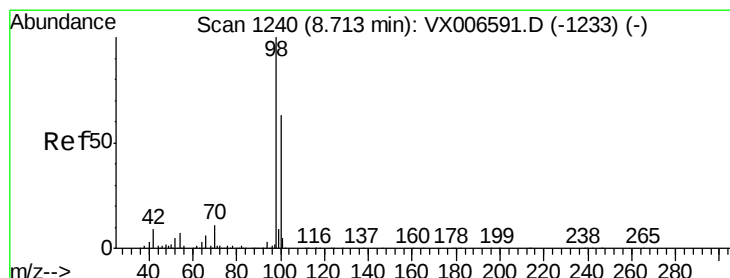
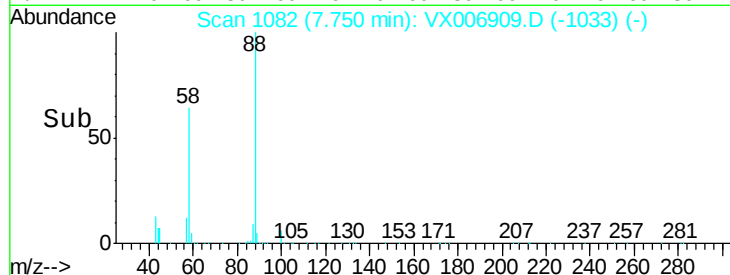
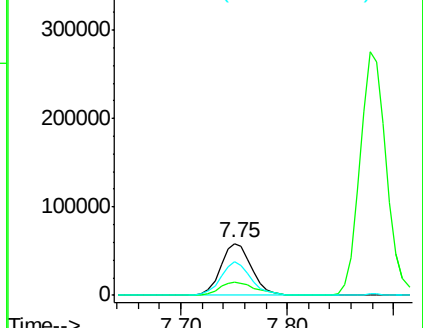
58 63.5 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.578 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006909.D

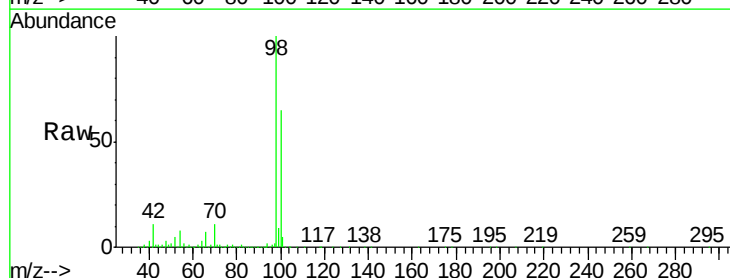
Acq: 04 Jan 2019 12:06

Tgt Ion: 98 Resp: 934040

Ion Ratio Lower Upper

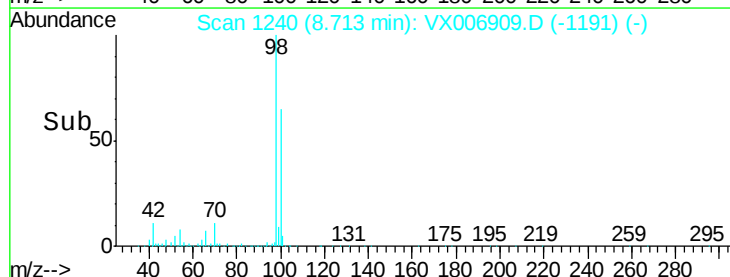
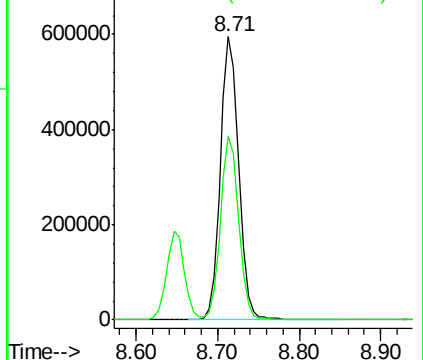
98 100

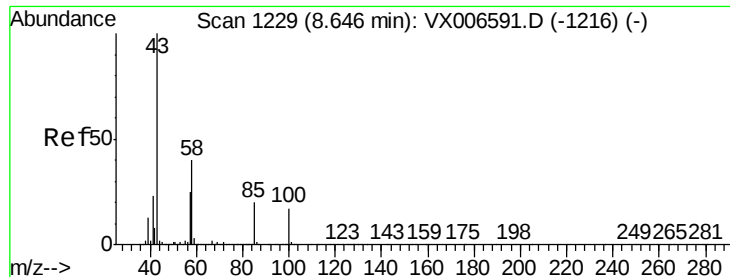
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

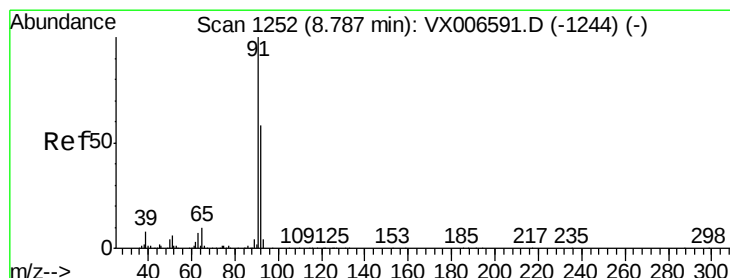
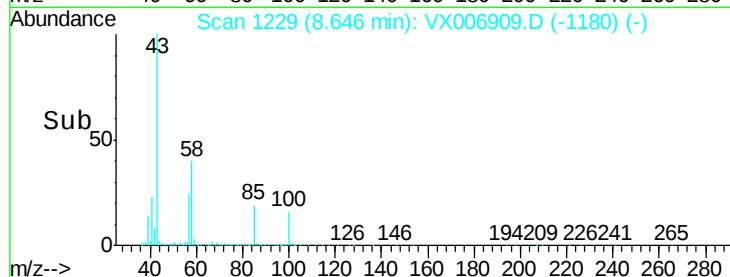
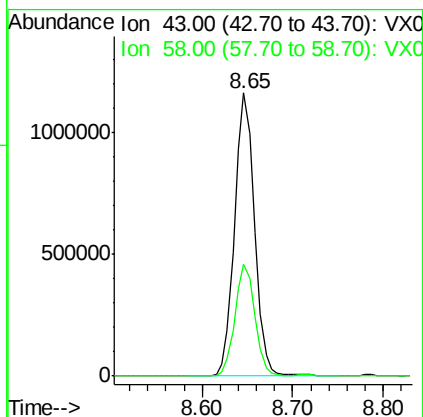
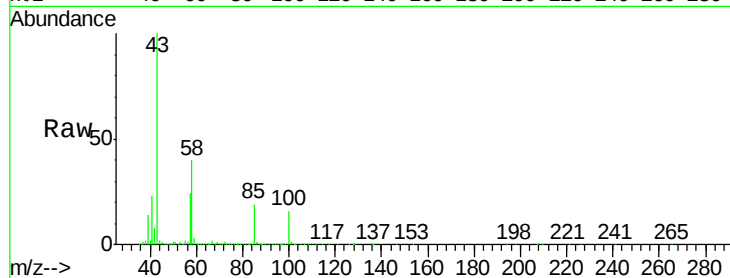




#51
 4-Methyl-2-Pentanone
 Concen: 269.877 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

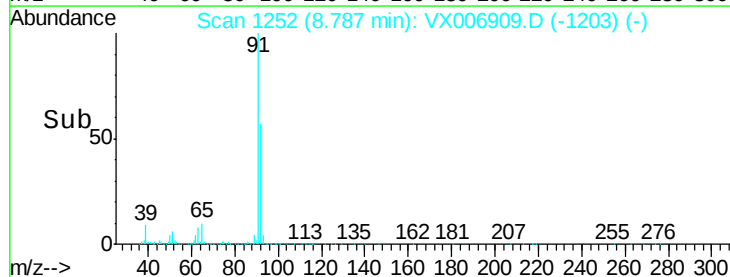
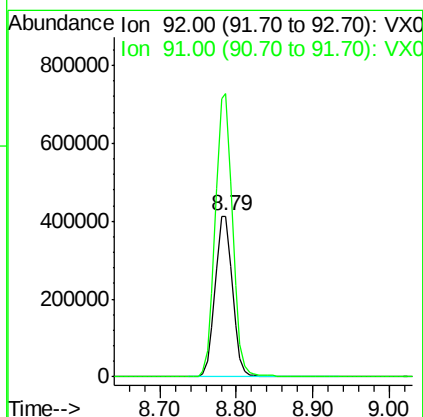
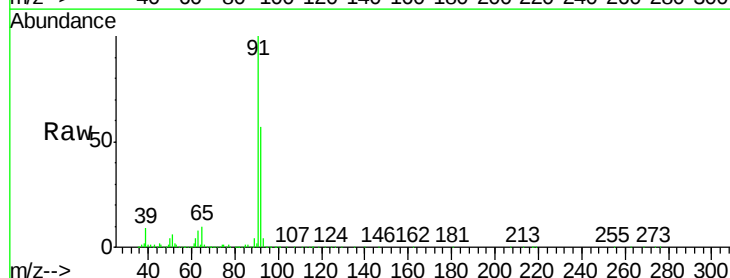
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

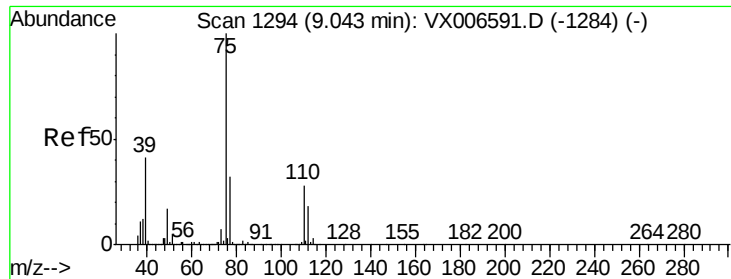
Tot Ion: 43 Resp: 1779811
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 50.513 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion: 92 Resp: 649232
 Ion Ratio Lower Upper
 92 100
 91 175.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 57.907 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

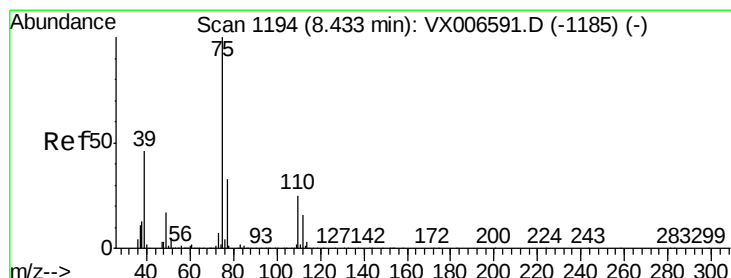
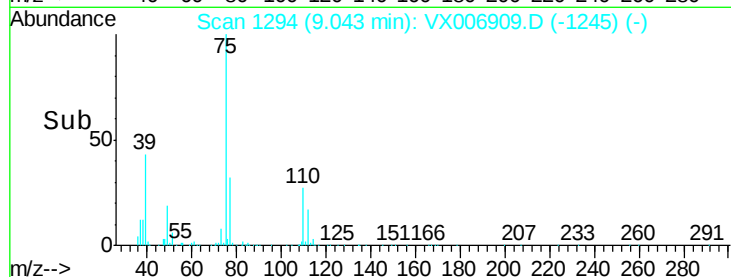
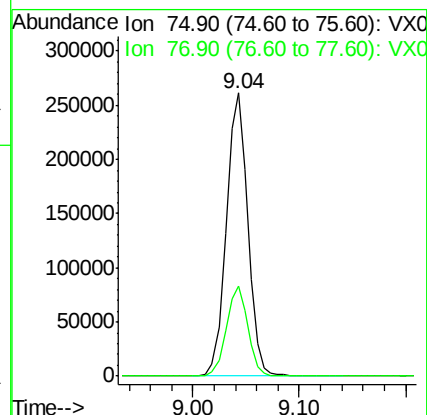
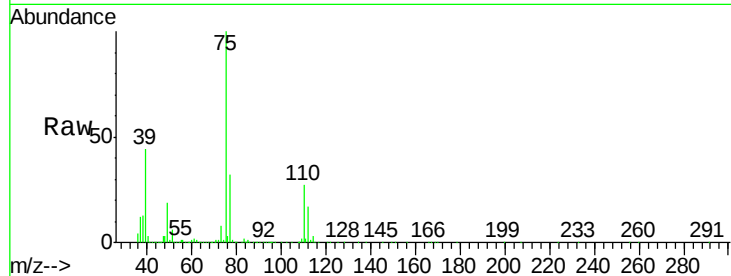
VSTDCCC050

Tot Ion: 75 Resp: 367168

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 57.507 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

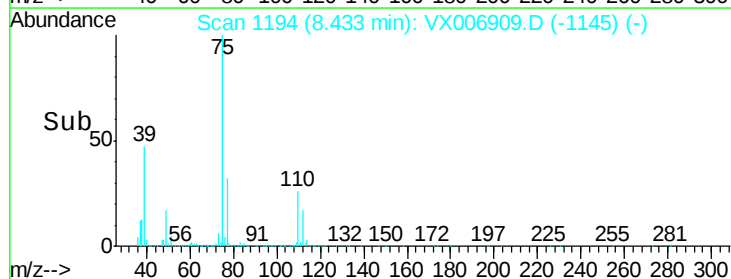
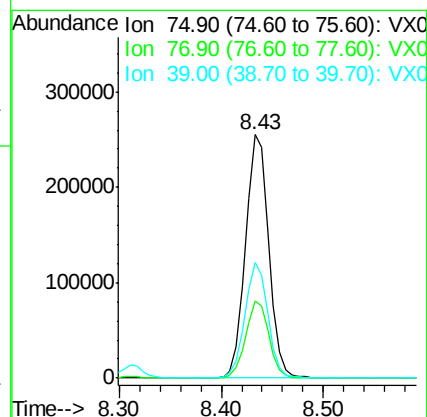
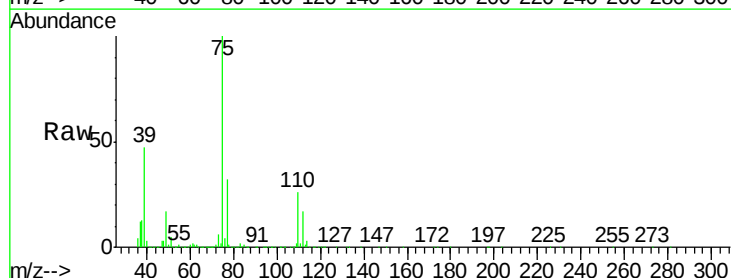
Tgt Ion: 75 Resp: 400097

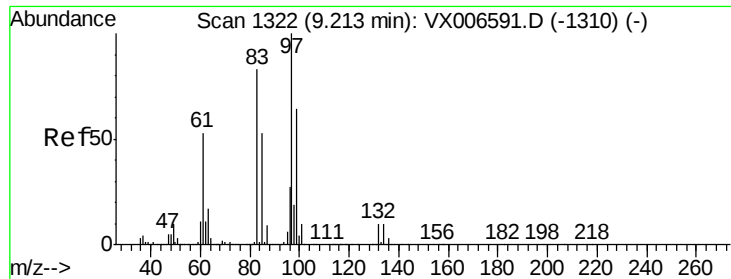
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 47.2 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 53.369 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 280767

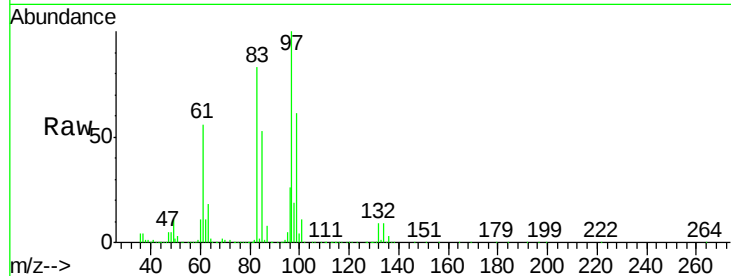
Ion Ratio Lower Upper

97 100

83 82.6 66.6 99.8

85 53.3 42.7 64.1

99 60.8 50.8 76.2

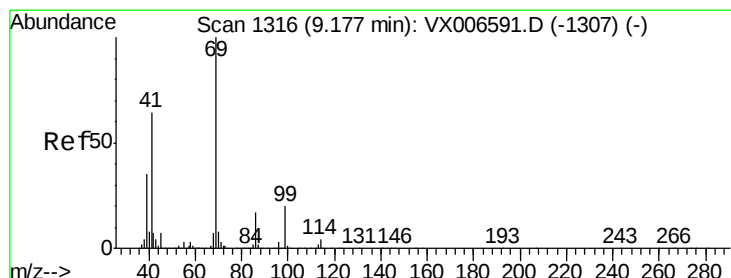
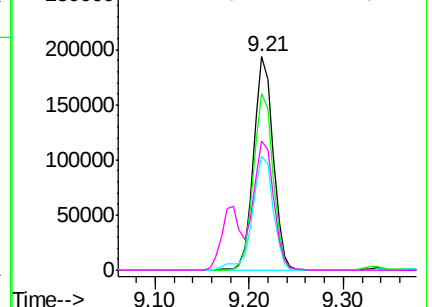
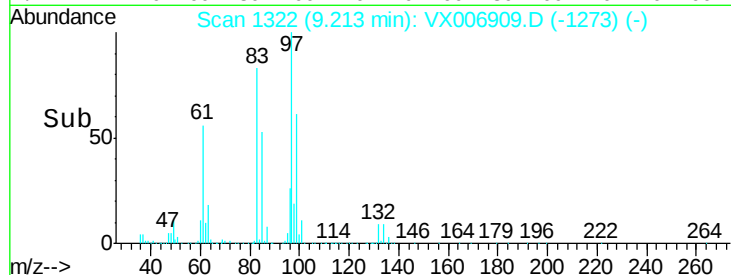


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.267 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

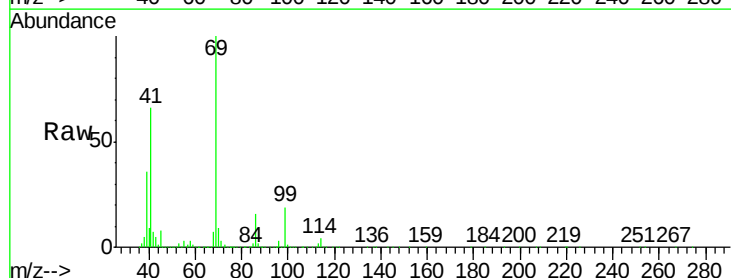
Tgt Ion: 69 Resp: 403505

Ion Ratio Lower Upper

69 100

41 64.4 48.7 73.1

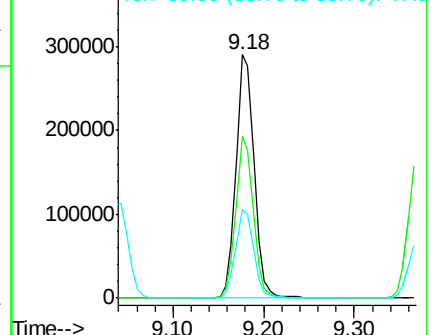
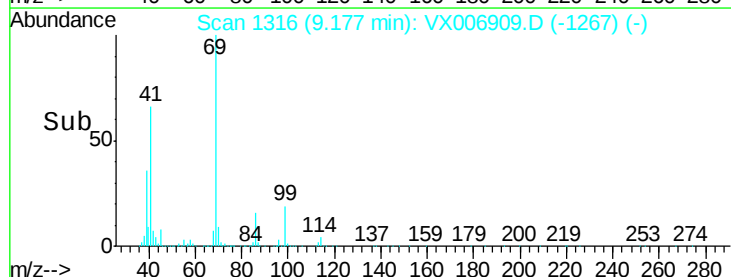
39 36.6 27.0 40.6

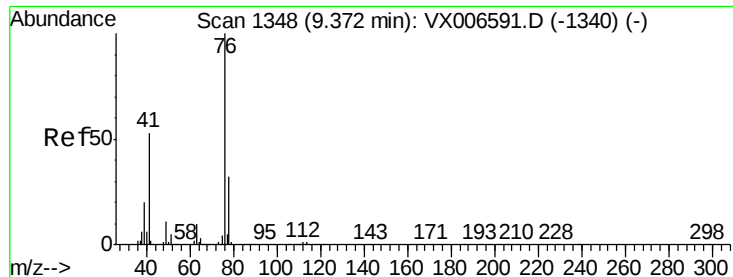


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.601 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

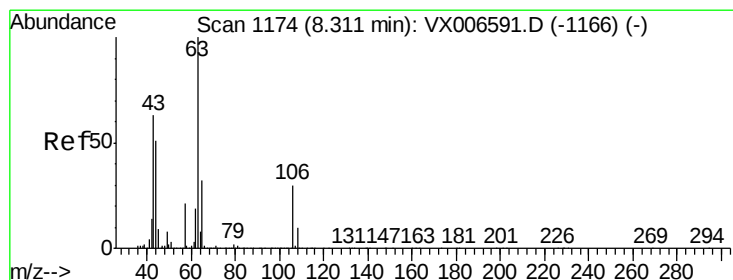
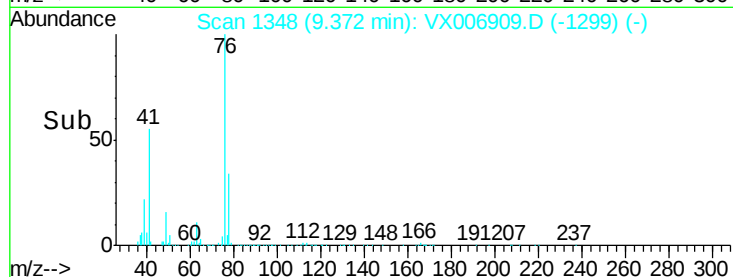
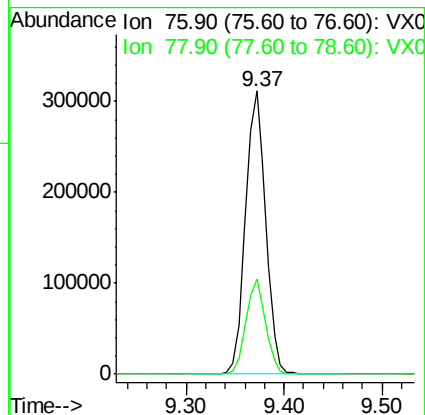
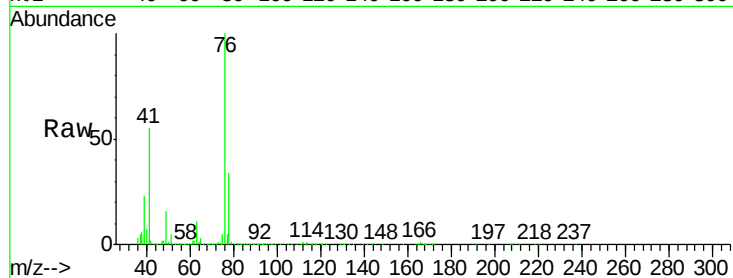
VSTDCCC050

Tot Ion: 76 Resp: 445220

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 261.576 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006909.D

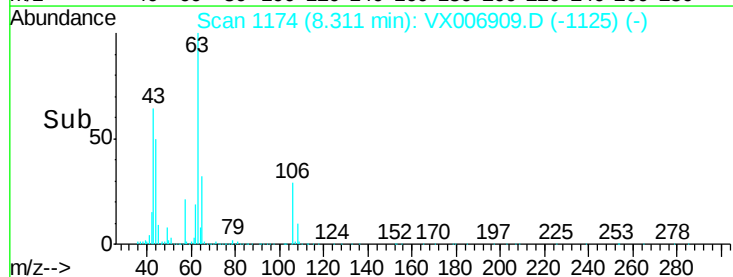
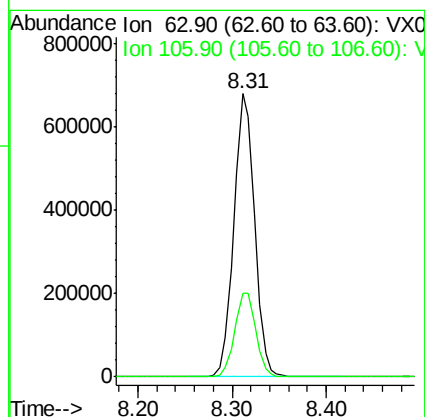
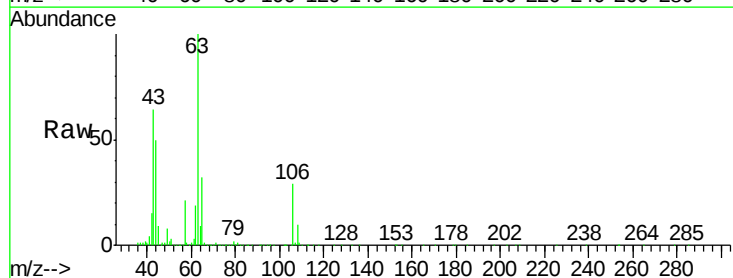
Acq: 04 Jan 2019 12:06

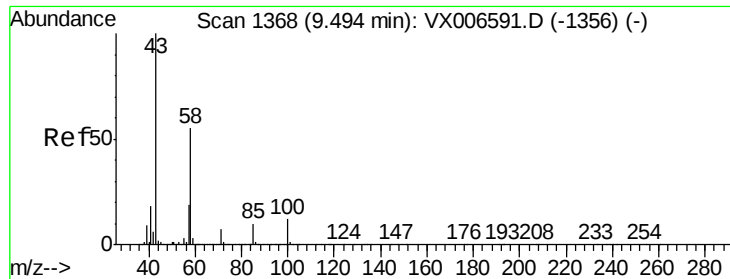
Tgt Ion: 63 Resp: 1033871

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8

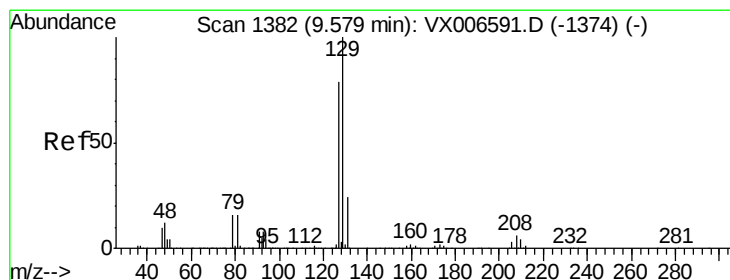
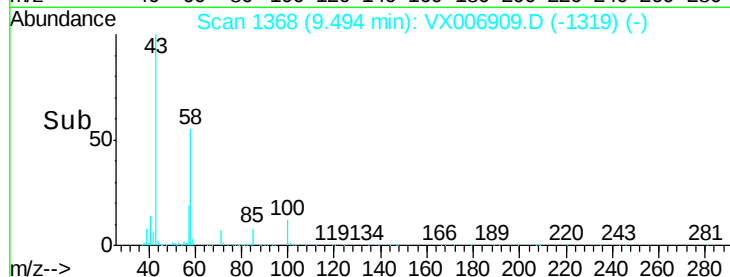
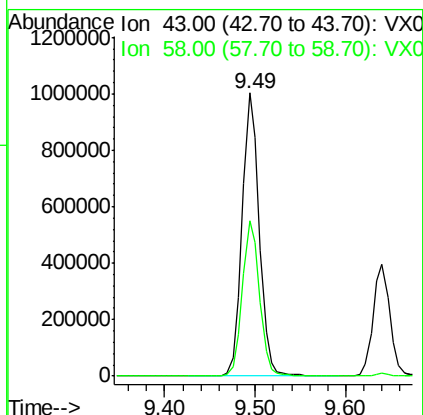
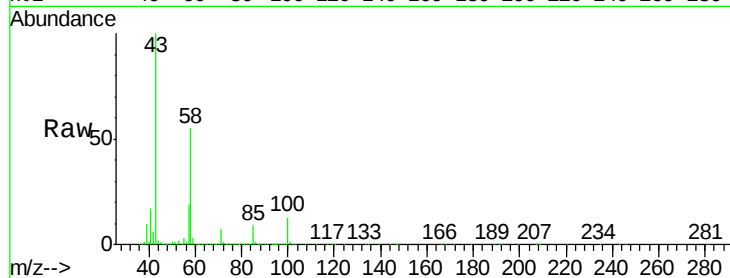




#59
2-Hexanone
Concen: 260.768 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

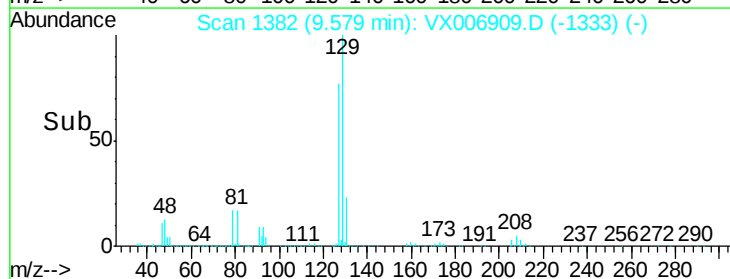
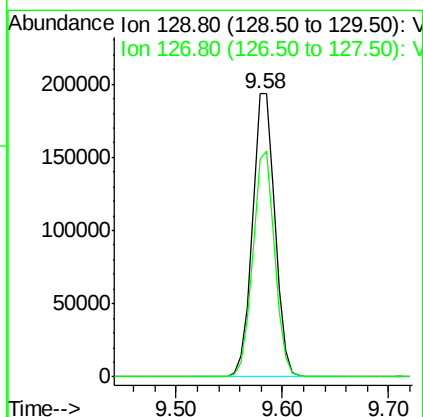
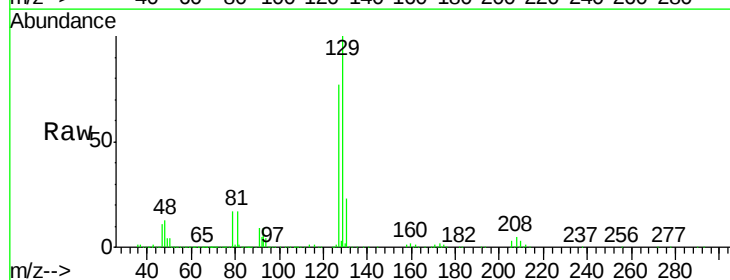
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

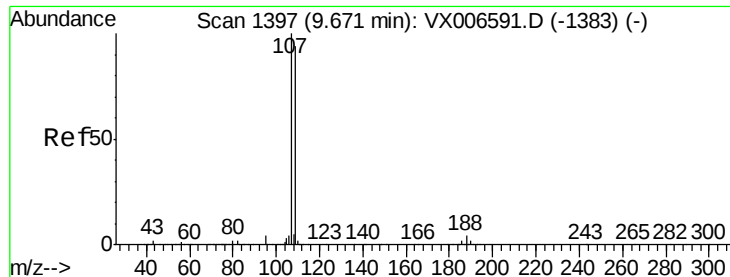
Tot Ion: 43 Resp: 1315801
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 52.189 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 129 Resp: 287743
Ion Ratio Lower Upper
129 100
127 77.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.076 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

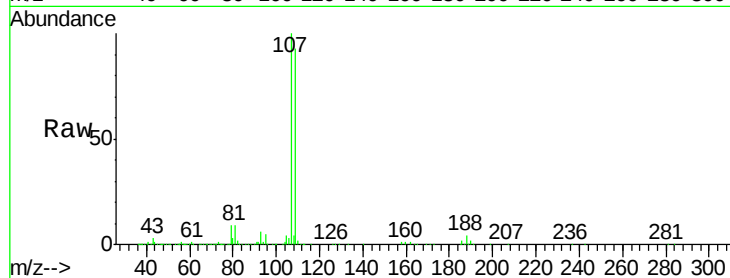
VSTDCCC050

Tot Ion:107 Resp: 296825

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

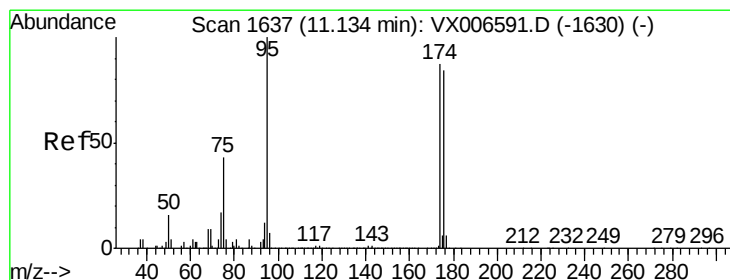
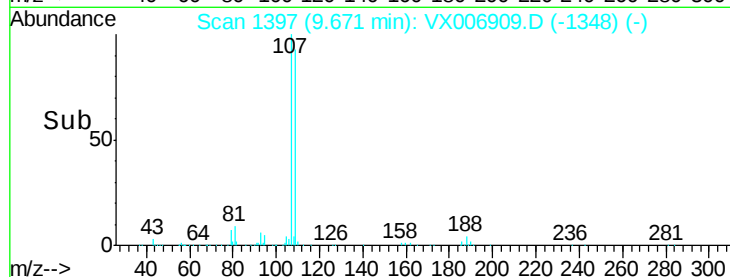
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.692 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

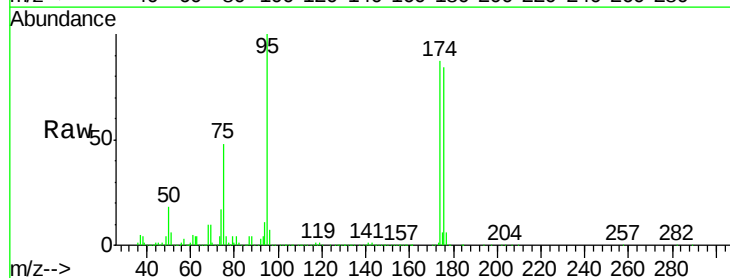
Tgt Ion: 95 Resp: 335977

Ion Ratio Lower Upper

95 100

174 94.9 0.0 182.2

176 91.9 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

300000

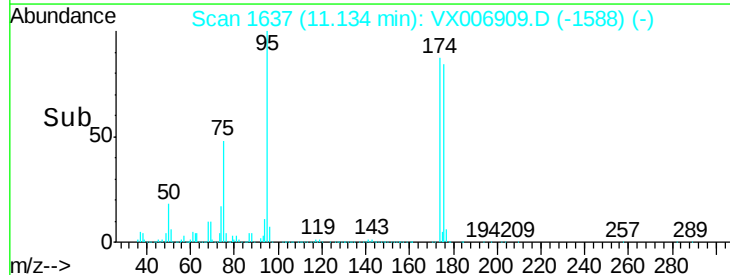
200000

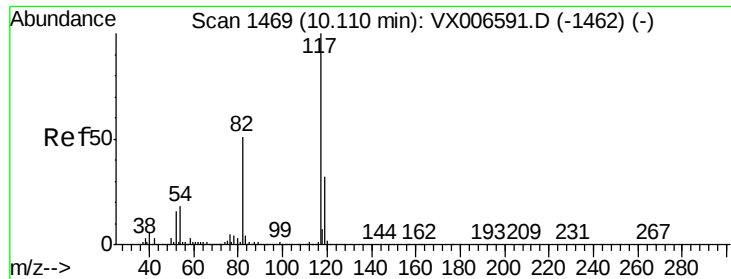
100000

0

11.10 11.20

Time-->

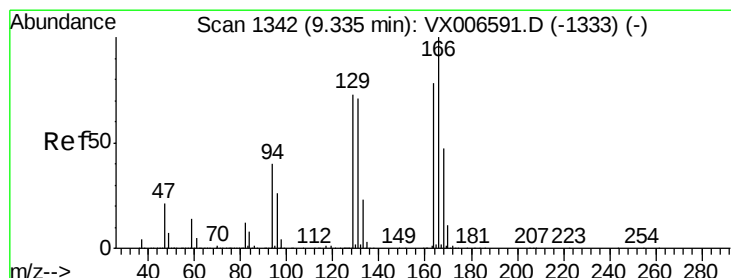
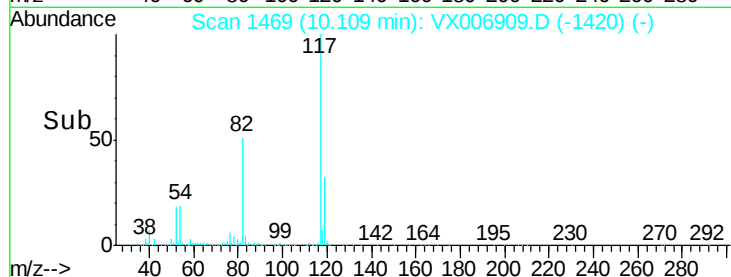
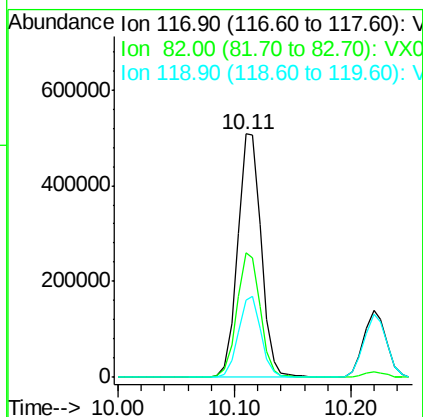
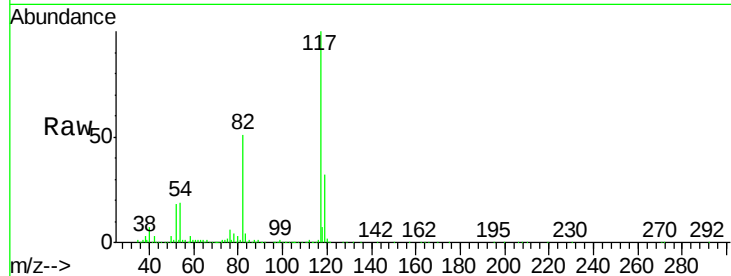




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

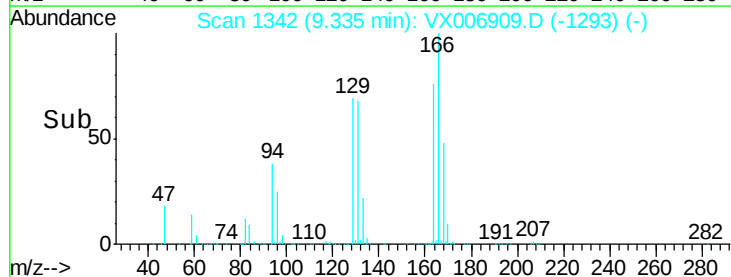
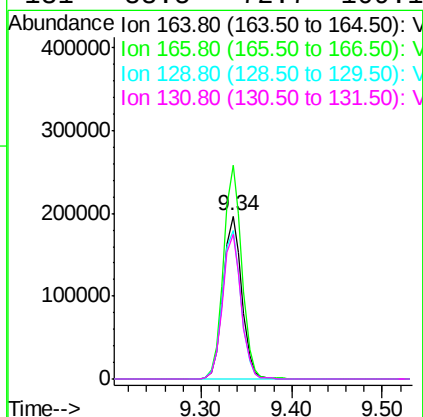
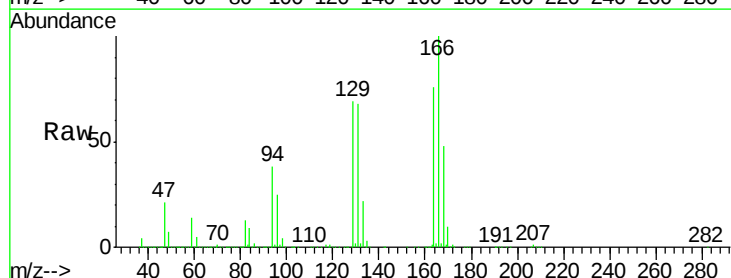
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

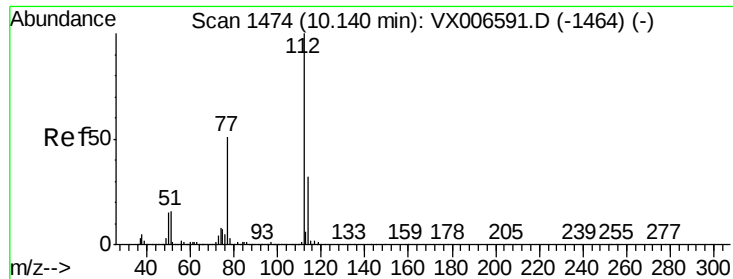
Tot Ion:117 Resp: 713507
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.706 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion:164 Resp: 280833
Ion Ratio Lower Upper
164 100
166 131.1 102.5 153.7
129 91.0 75.1 112.7
131 88.5 72.7 109.1

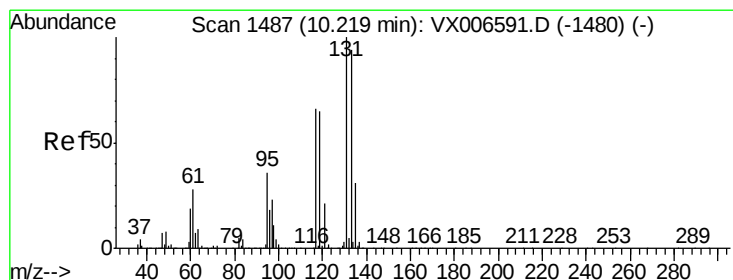
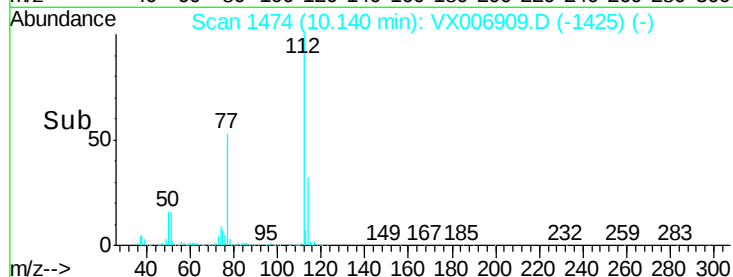
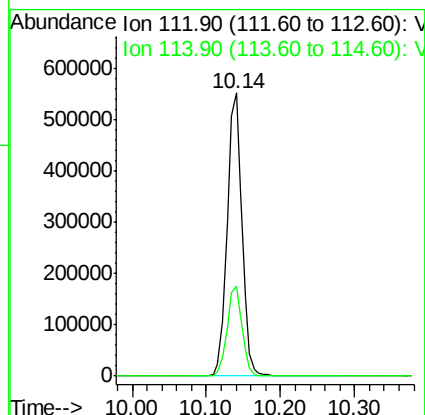
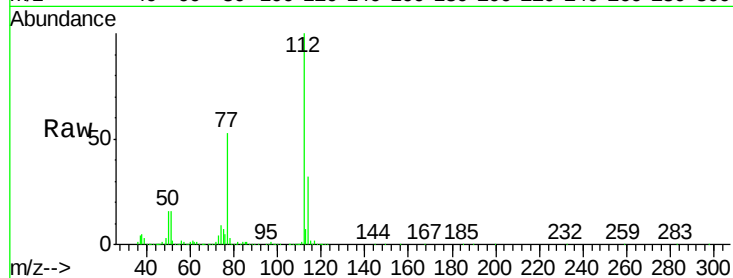




#65
Chlorobenzene
Concen: 50.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

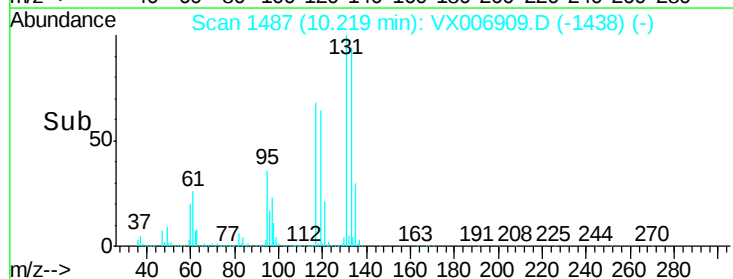
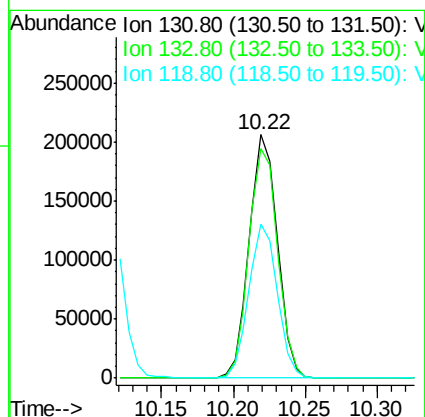
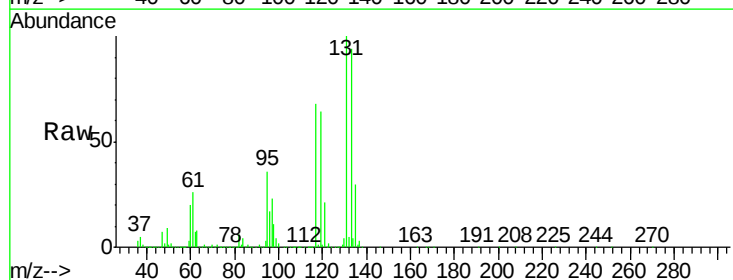
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

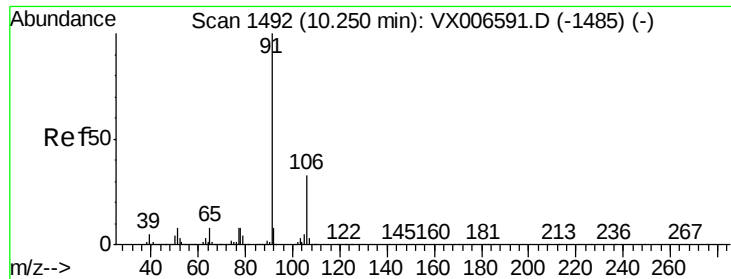
Tot Ion:112 Resp: 764008
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.329 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion:131 Resp: 279413
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 63.6 32.6 97.8





#67

Ethyl Benzene

Concen: 50.800 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

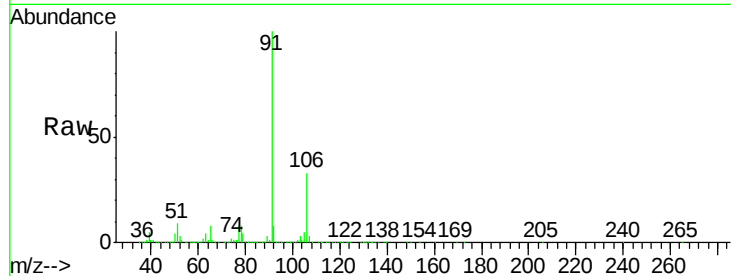
VSTDCCC050

Tot Ion: 91 Resp: 1253034

Ion Ratio Lower Upper

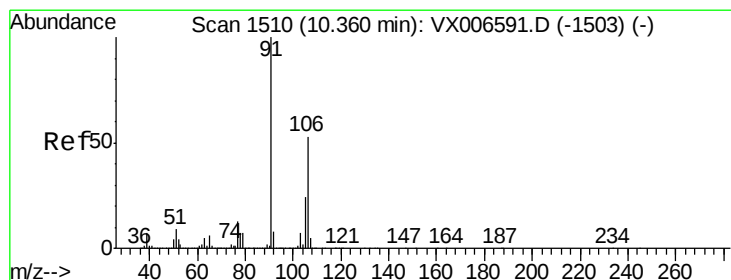
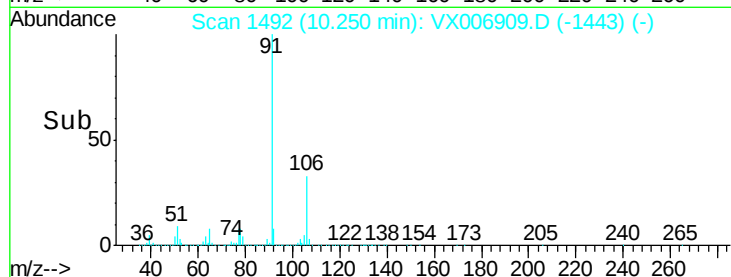
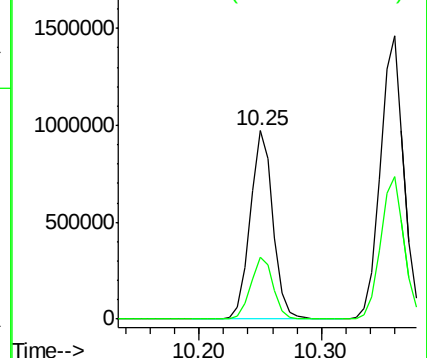
91 100

106 32.7 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.092 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006909.D

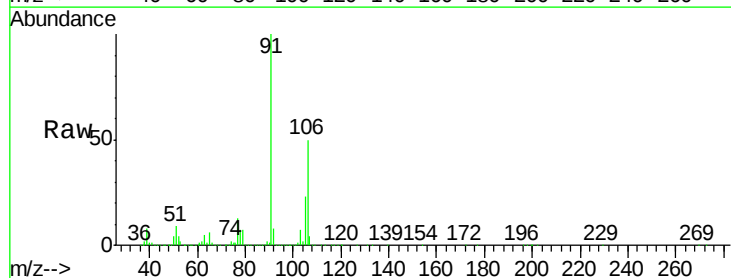
Acq: 04 Jan 2019 12:06

Tgt Ion: 106 Resp: 983944

Ion Ratio Lower Upper

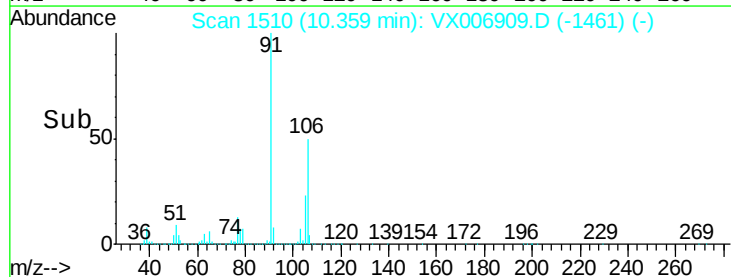
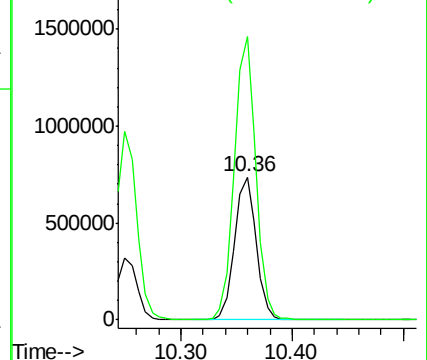
106 100

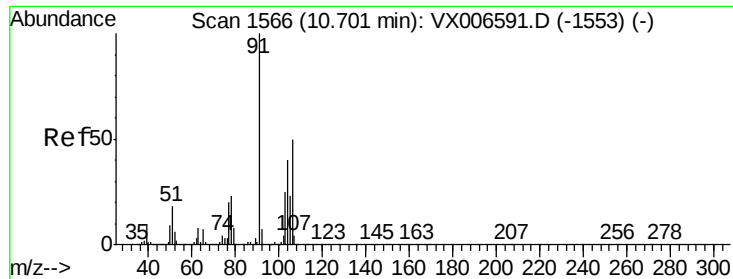
91 197.9 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

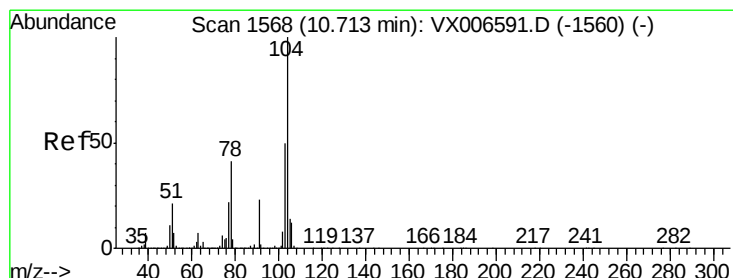
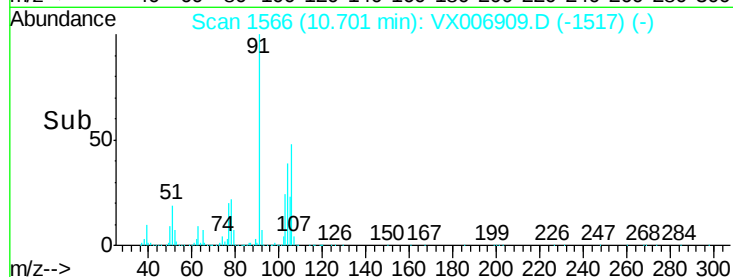
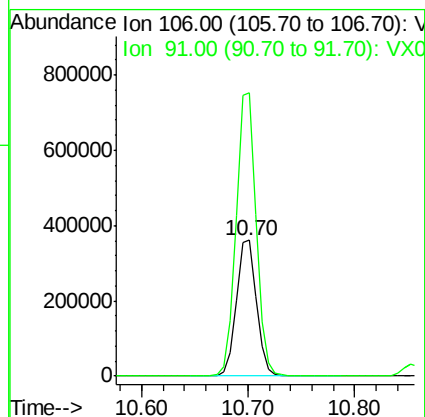
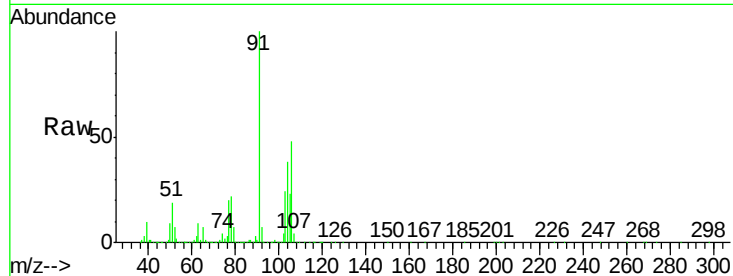




#69
o-Xylene
Concen: 50.039 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

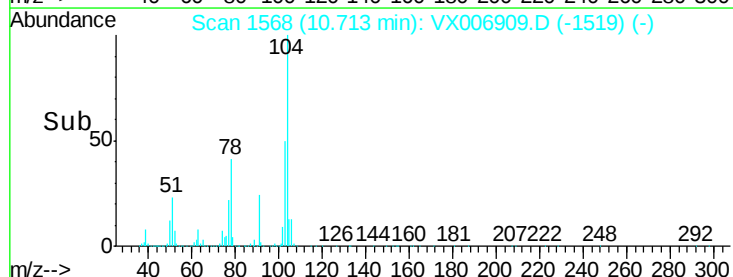
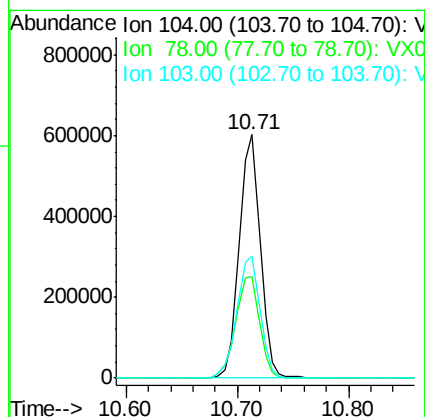
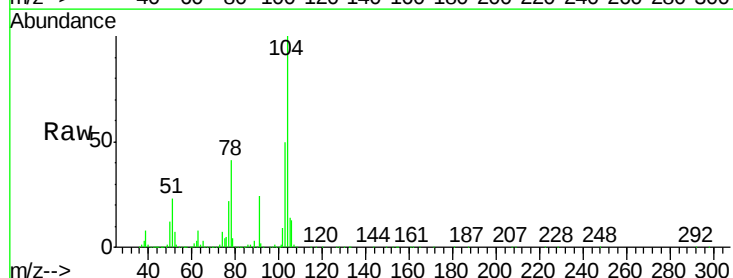
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

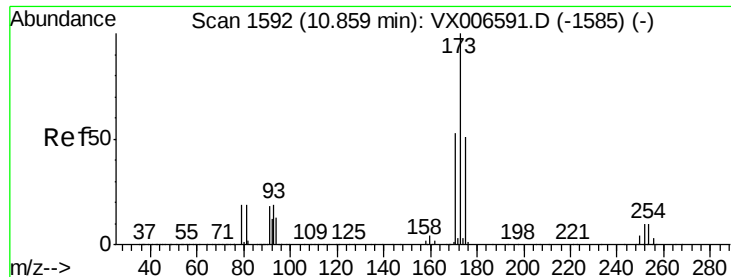
Tot Ion:106 Resp: 480939
Ion Ratio Lower Upper
106 100
91 208.1 101.3 303.7



#70
Styrene
Concen: 52.140 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion:104 Resp: 792827
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 55.5 43.8 65.8





#71

Bromoform

Concen: 49.970 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

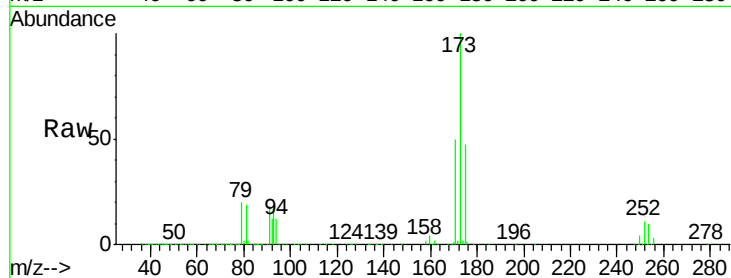
Tot Ion:173 Resp: 212263

Ion Ratio Lower Upper

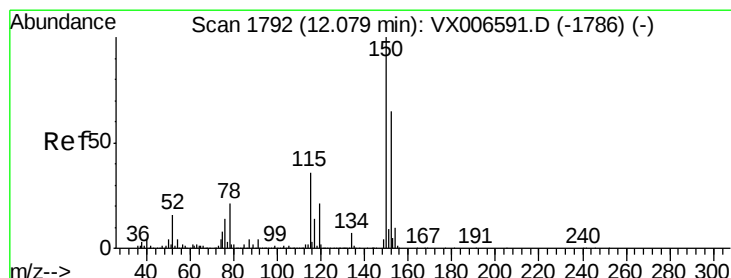
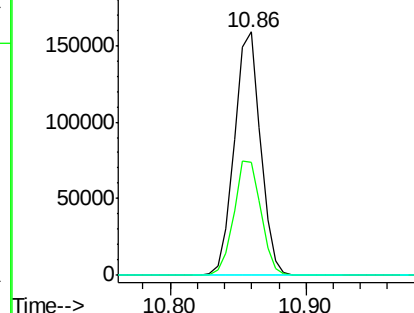
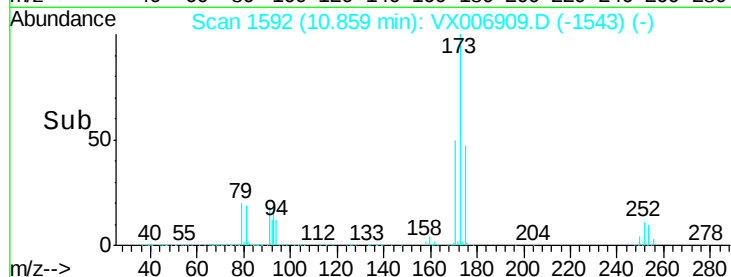
173 100

175 48.7 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: VX006909.D

Acq: 04 Jan 2019 12:06

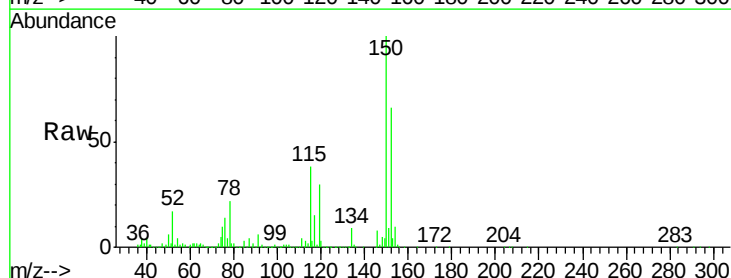
Tgt Ion:152 Resp: 374302

Ion Ratio Lower Upper

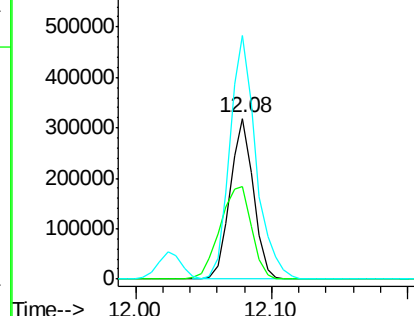
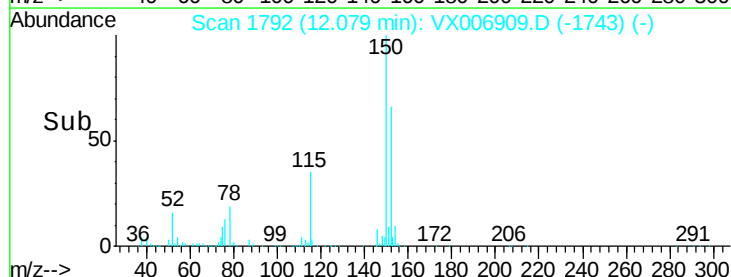
152 100

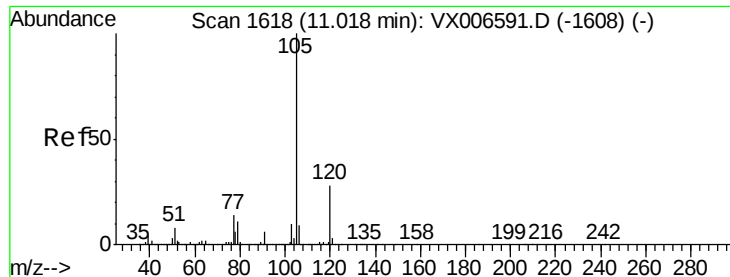
115 78.5 39.1 117.2

150 171.3 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: 50.816 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

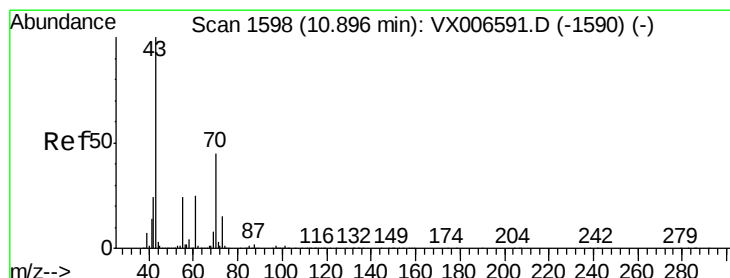
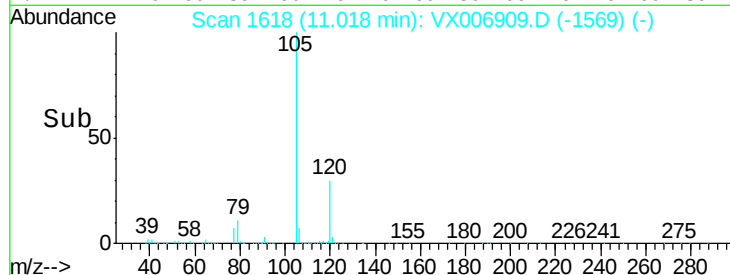
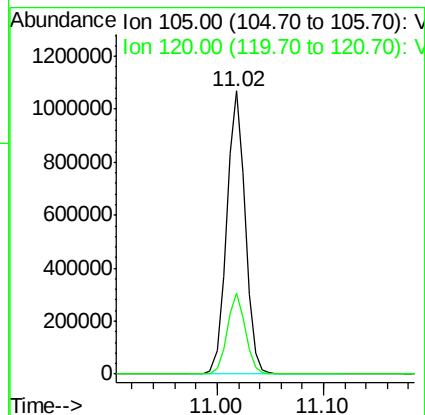
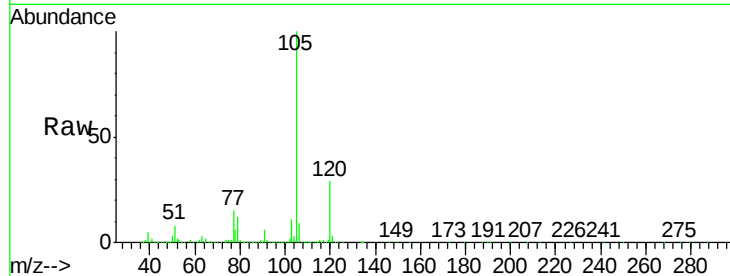
VSTDCCC050

Tot Ion:105 Resp: 1301226

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.4



#74

N-ethyl acetate

Concen: 56.331 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Tgt Ion: 43 Resp: 516310

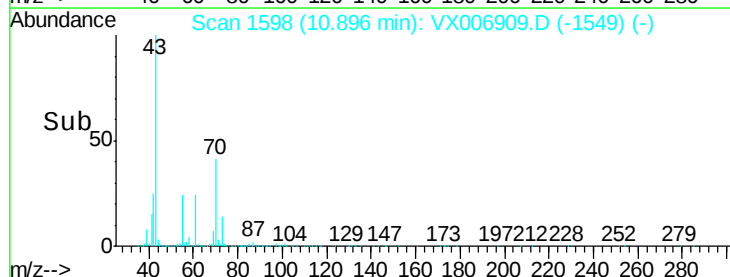
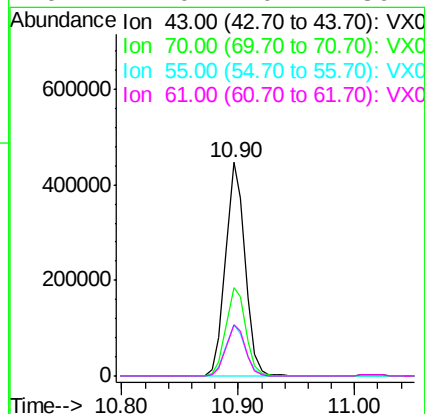
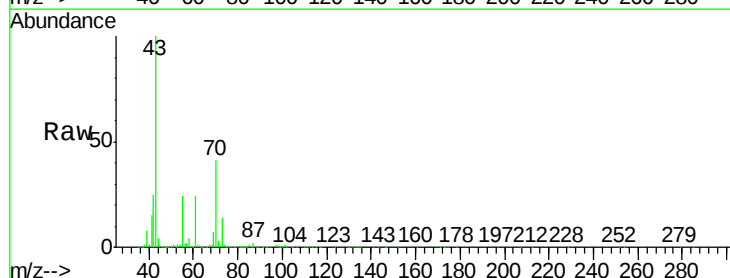
Ion Ratio Lower Upper

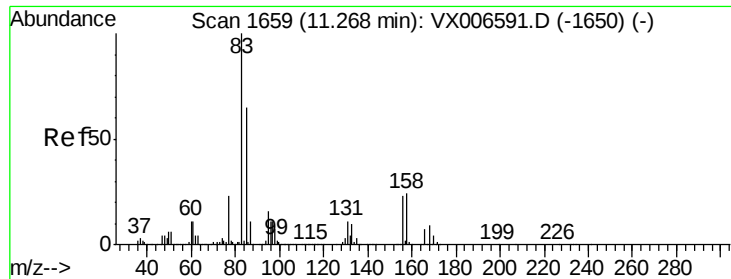
43 100

70 42.5 35.8 53.8

55 24.2 19.4 29.0

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.838 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

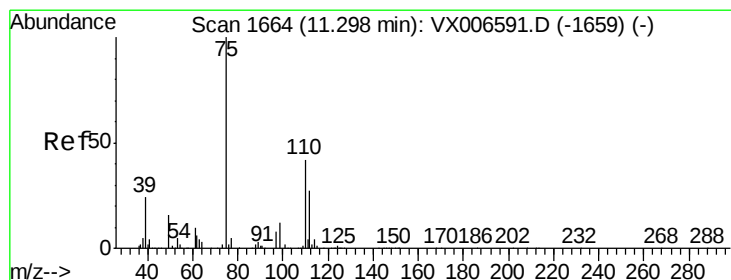
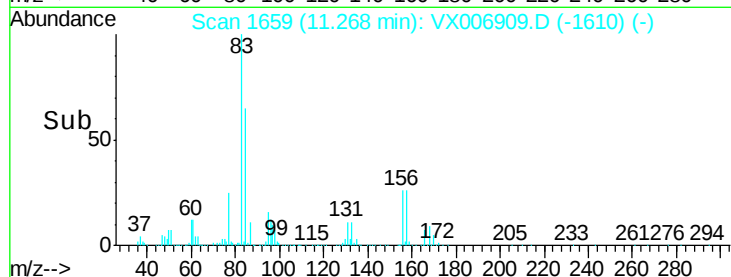
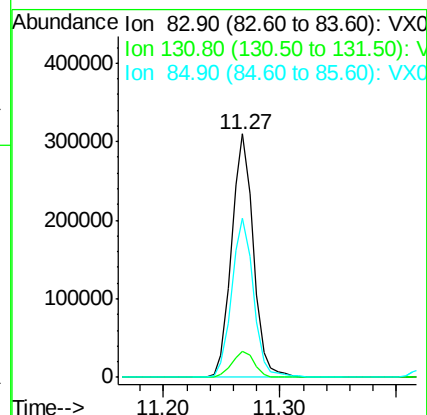
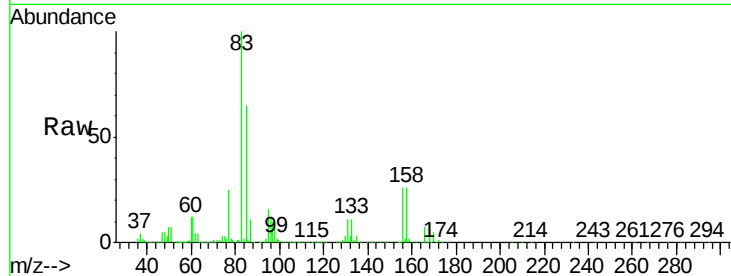
Tot Ion: 83 Resp: 402385

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

85 65.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 64.656 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006909.D

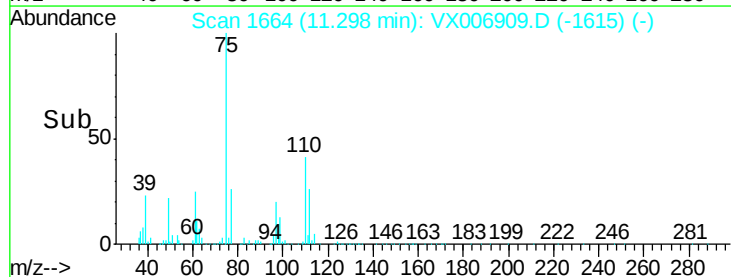
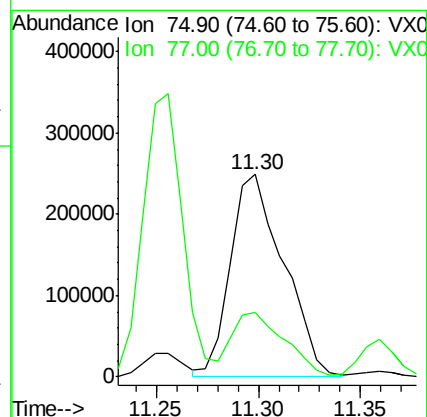
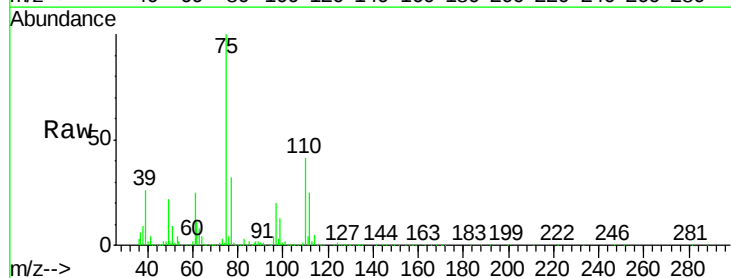
Acq: 04 Jan 2019 12:06

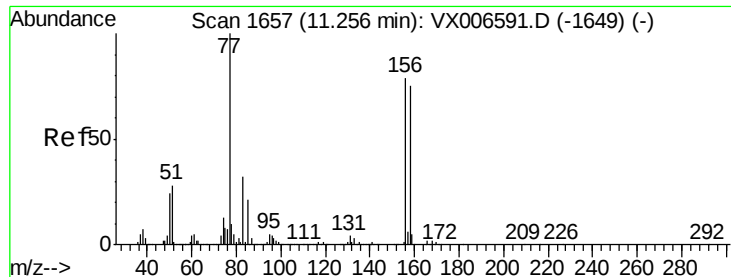
Tgt Ion: 75 Resp: 449754

Ion Ratio Lower Upper

75 100

77 31.4 18.5 55.5





#77

Bromobenzene

Concen: 50.990 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

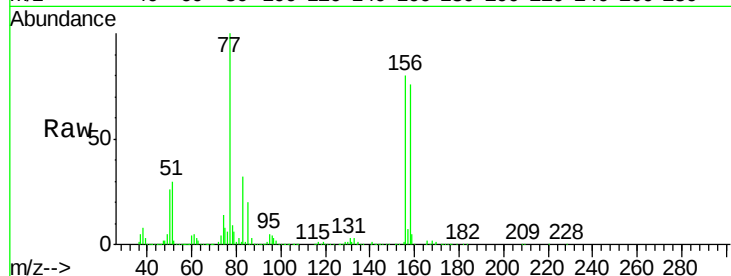
Tot Ion:156 Resp: 352996

Ion Ratio Lower Upper

156 100

77 132.9 68.0 204.0

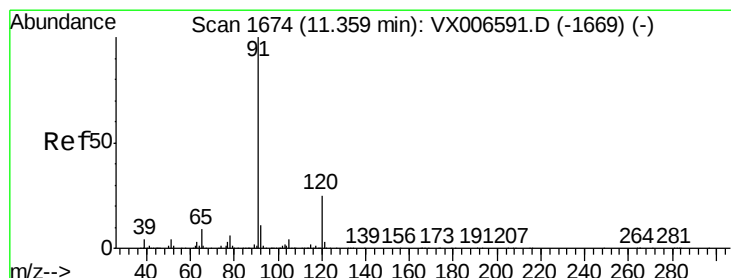
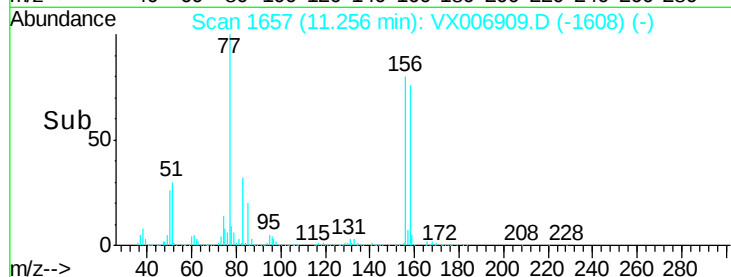
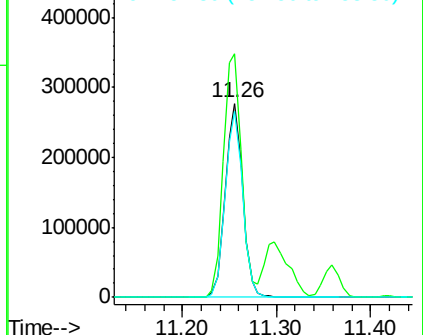
158 97.0 48.3 144.8



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: 52.136 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006909.D

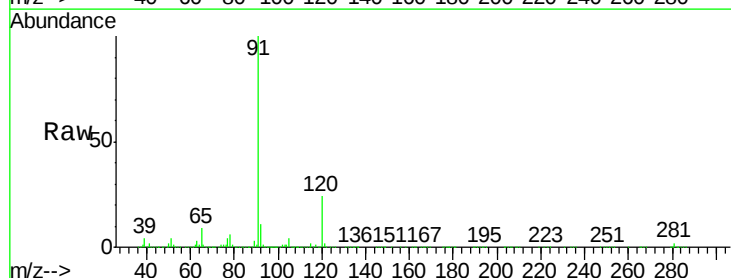
Acq: 04 Jan 2019 12:06

Tgt Ion: 91 Resp: 1470129

Ion Ratio Lower Upper

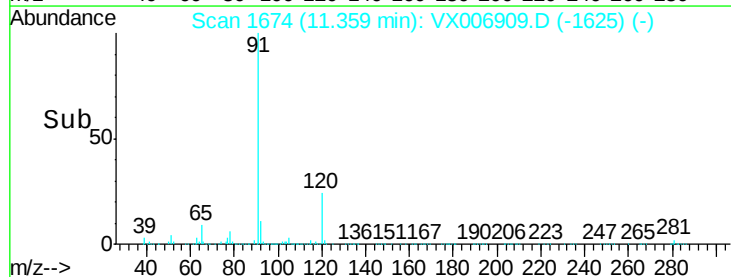
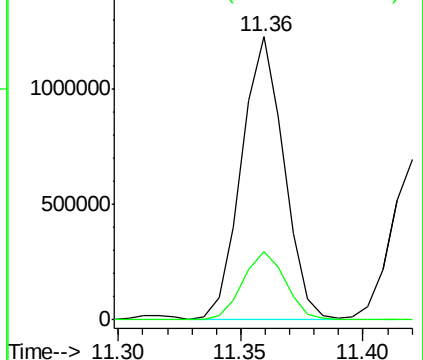
91 100

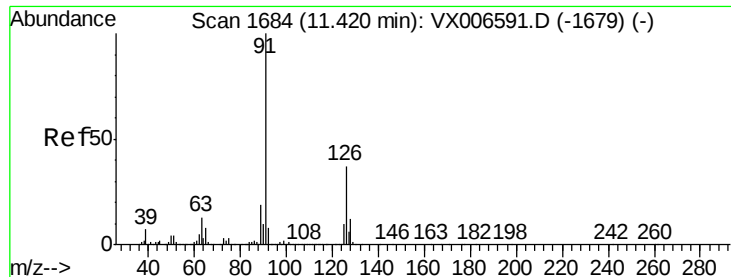
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.360 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

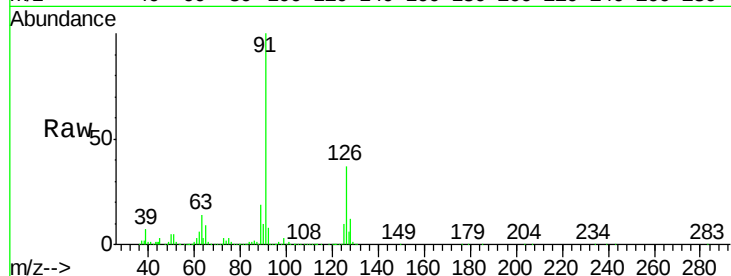
VSTDCCC050

Tot Ion: 91 Resp: 843474

Ion Ratio Lower Upper

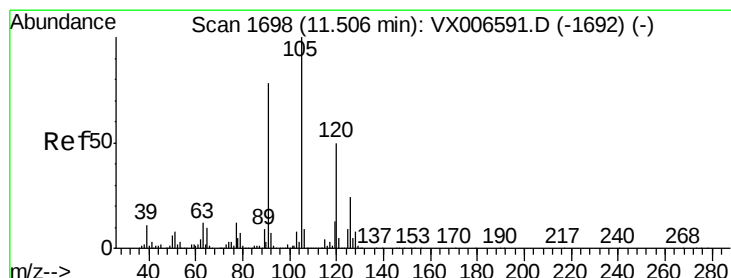
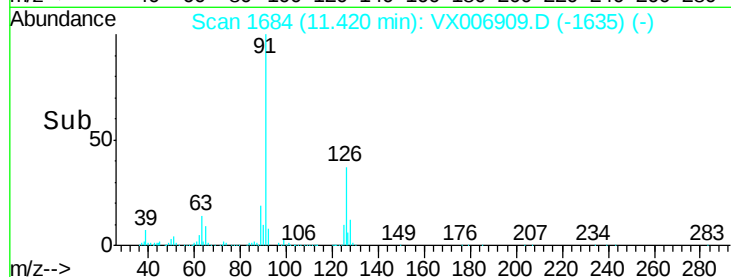
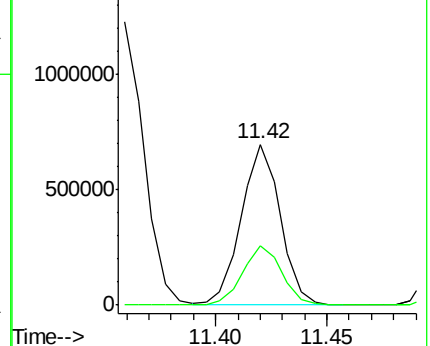
91 100

126 37.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.357 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006909.D

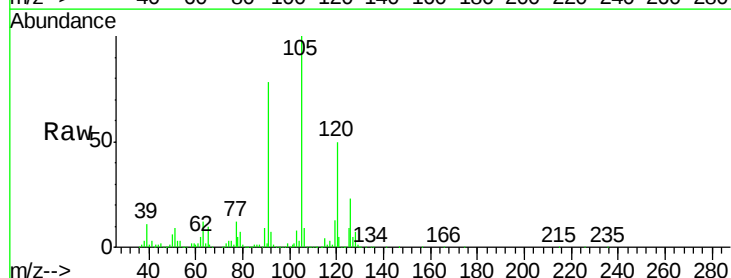
Acq: 04 Jan 2019 12:06

Tgt Ion:105 Resp: 1083197

Ion Ratio Lower Upper

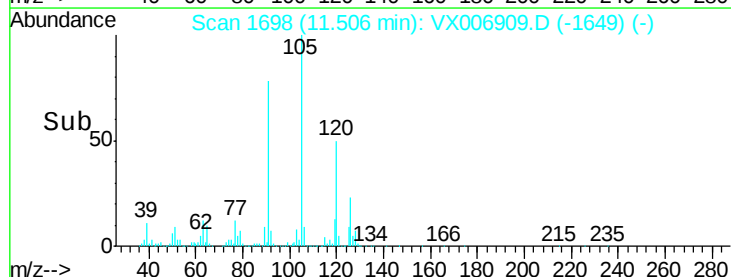
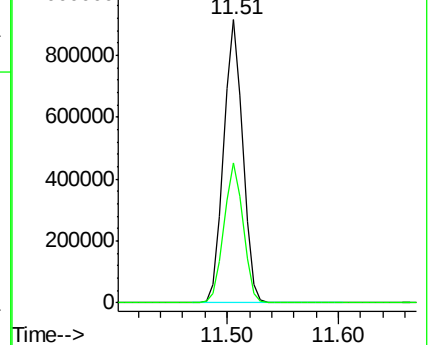
105 100

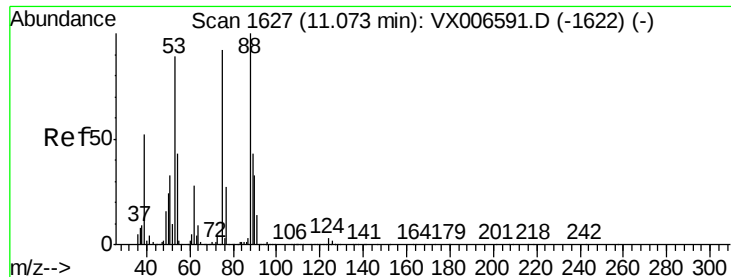
120 49.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)

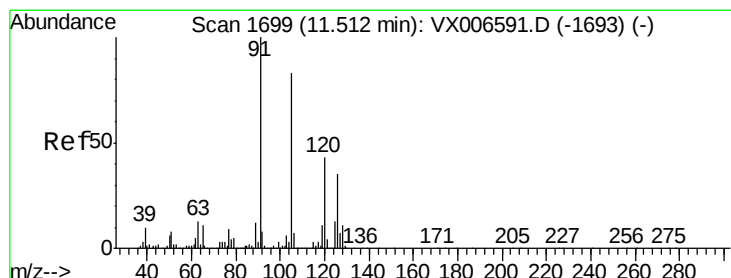
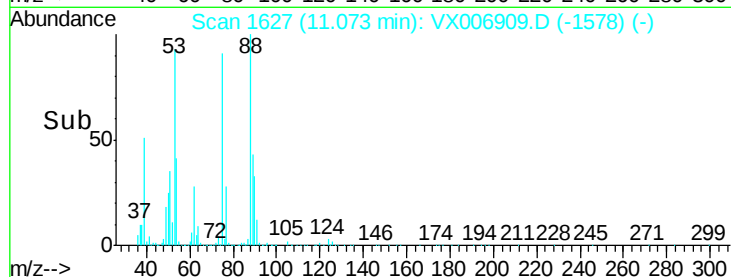
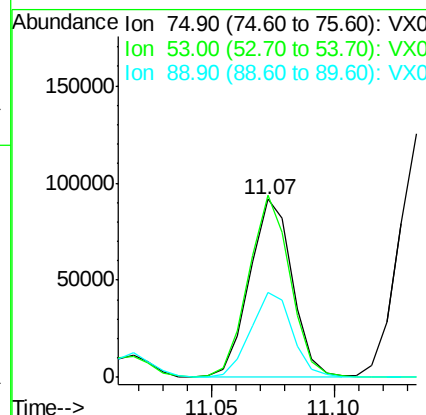
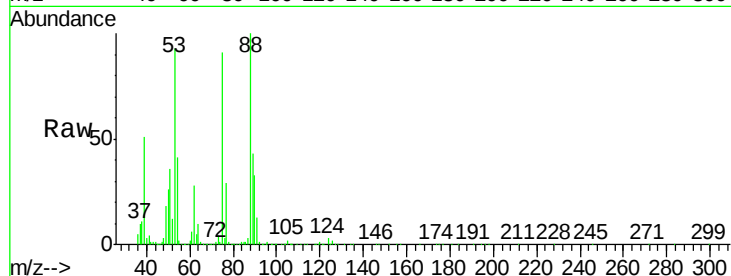




#81
trans-1,4-Dichloro-2-butene
Concen: 48.755 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

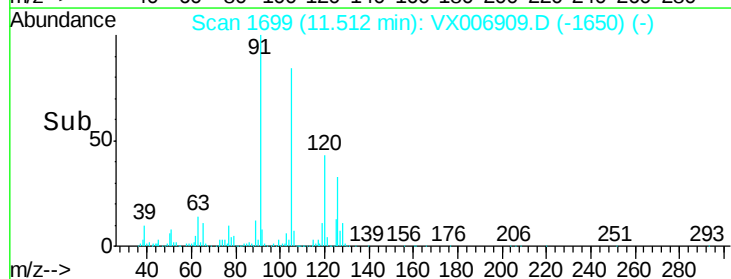
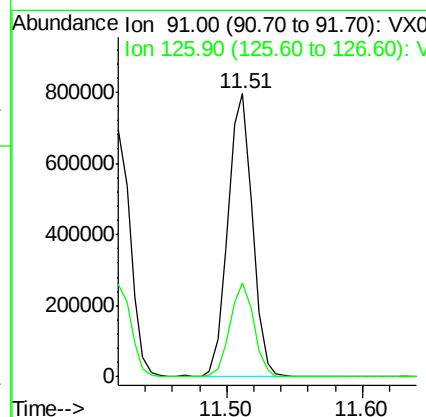
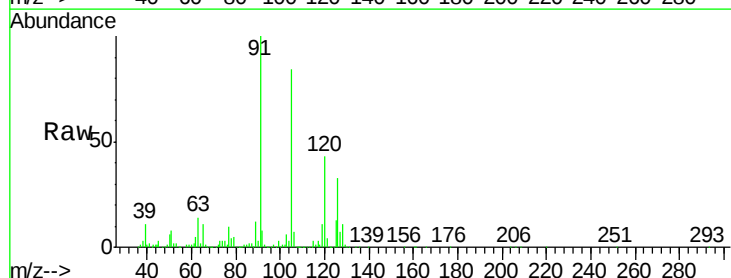
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

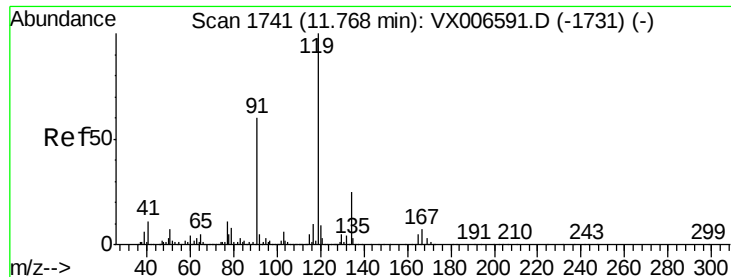
Tot Ion: 75 Resp: 111178
Ion Ratio Lower Upper
75 100
53 99.8 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.680 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006909.D
Acq: 04 Jan 2019 12:06

Tgt Ion: 91 Resp: 993401
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

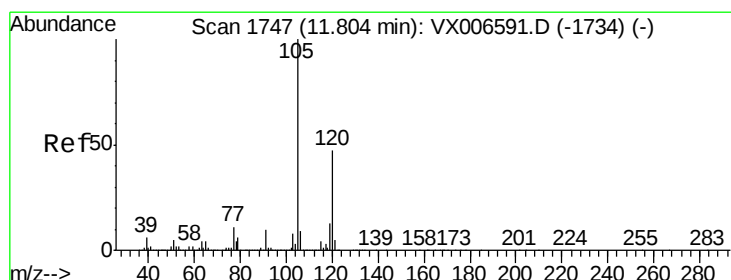
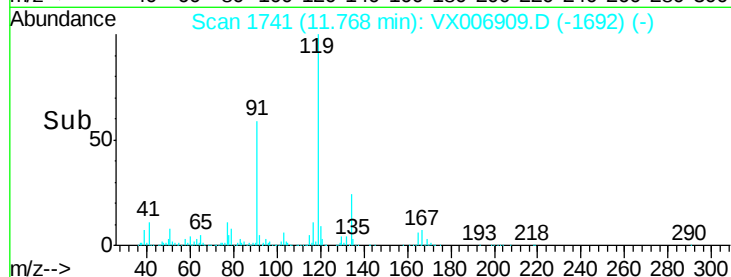
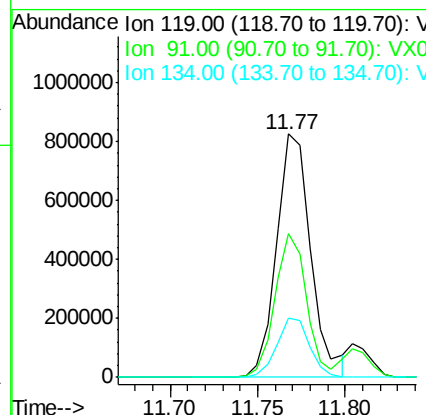
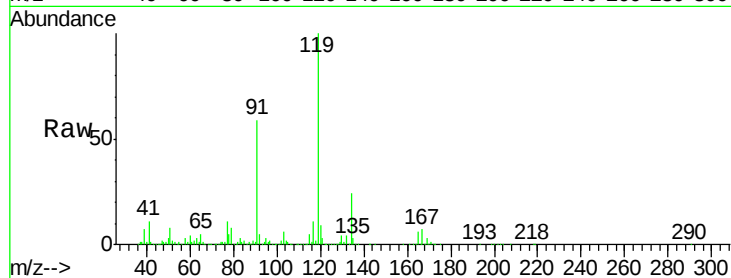




#83
 tert-Butylbenzene
 Concen: 53.279 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

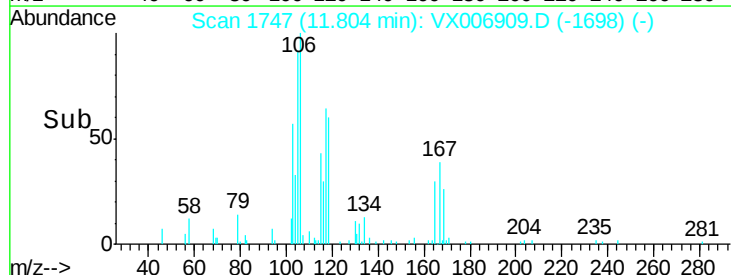
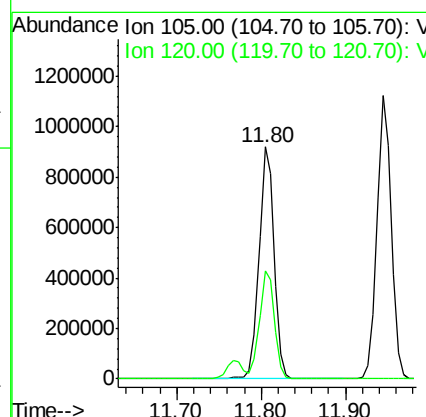
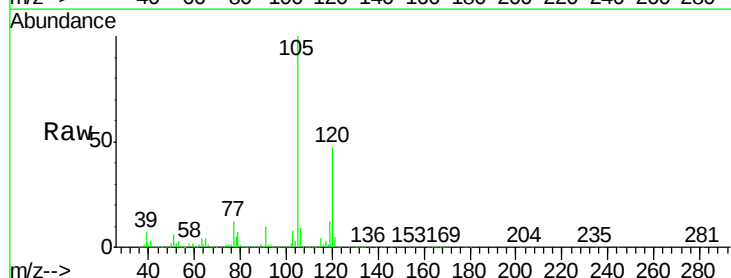
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

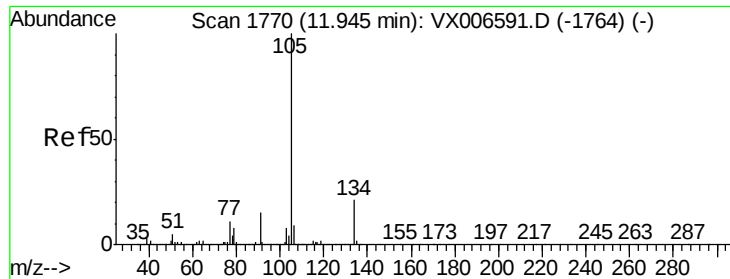
Tot Ion:119 Resp: 1124680
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.7 83.1
 134 23.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.809 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion:105 Resp: 1104995
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.153 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

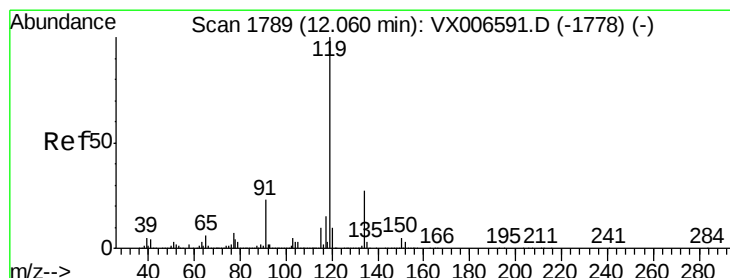
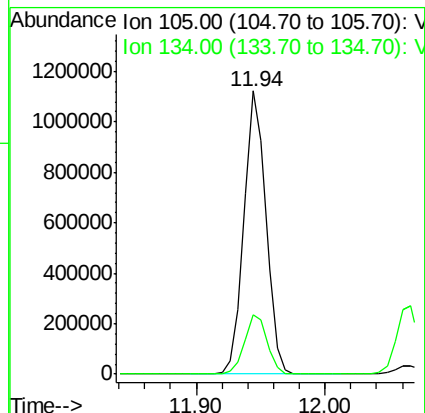
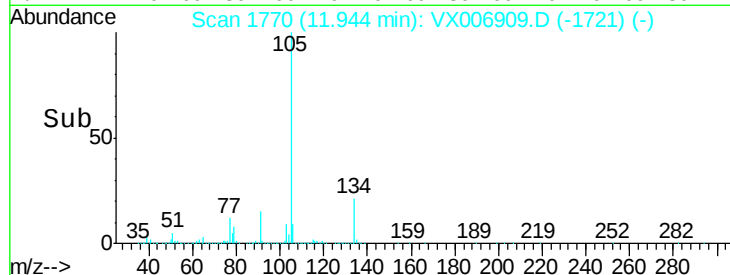
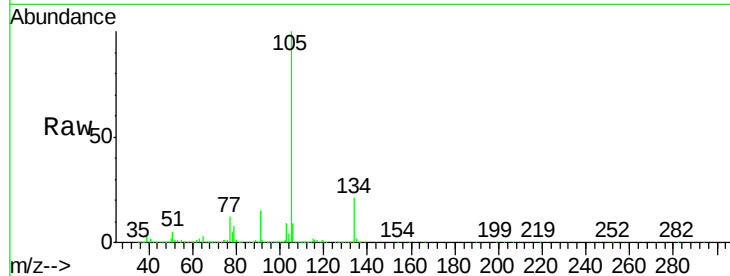
VSTDCCC050

Tot Ion:105 Resp: 1323898

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 52.322 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

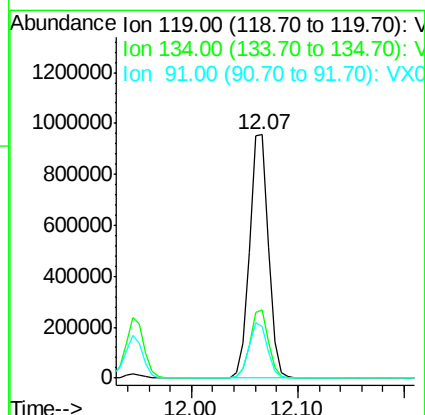
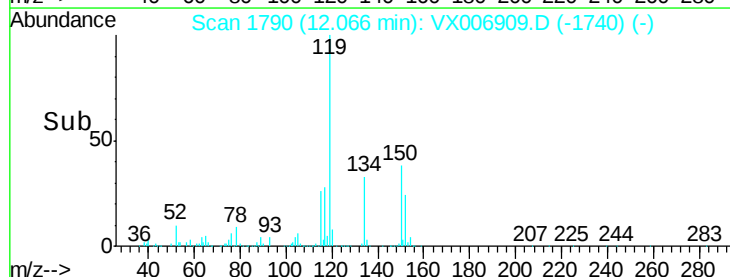
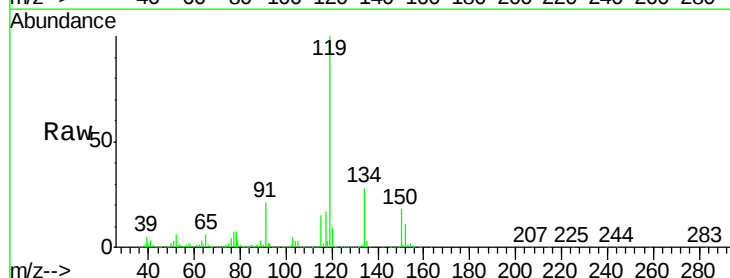
Tgt Ion:119 Resp: 1190341

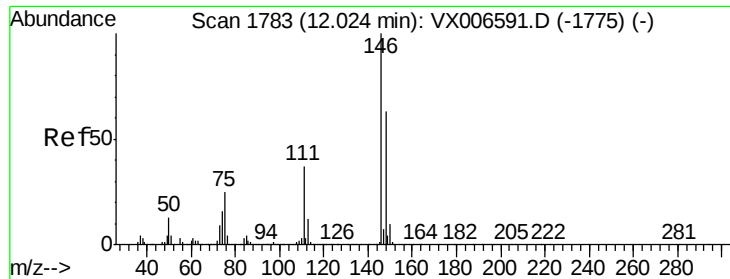
Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.868 ug/l

RT: 12.02 min Scan# 1783

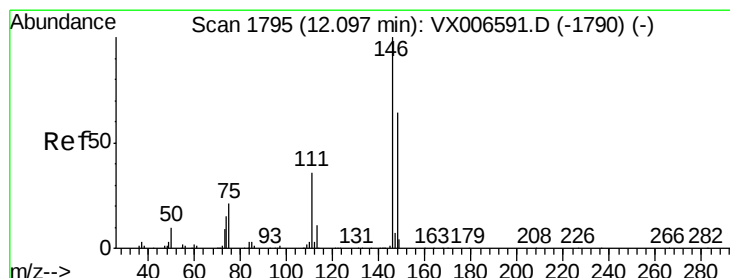
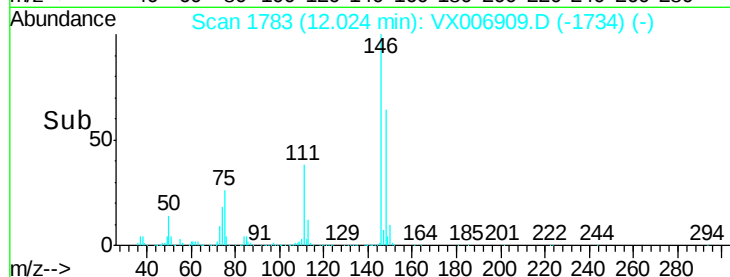
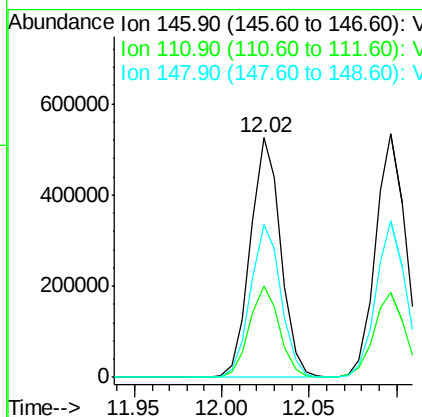
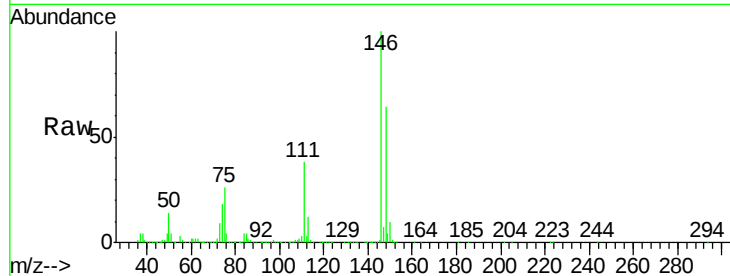
Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.2	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 49.865 ug/l

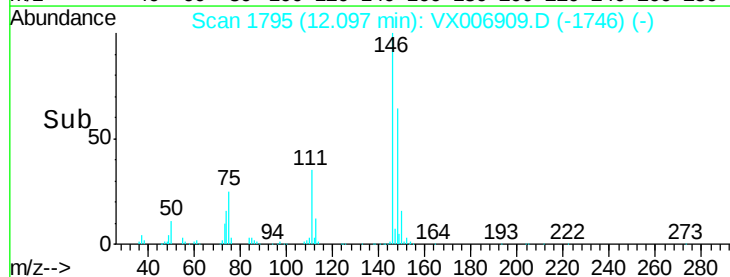
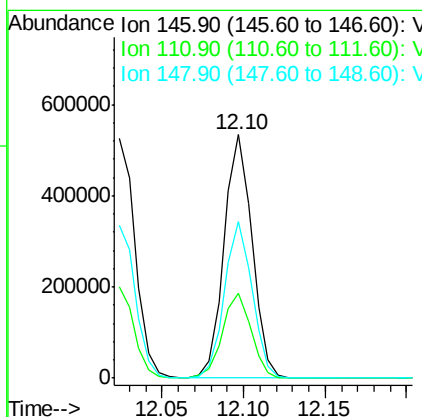
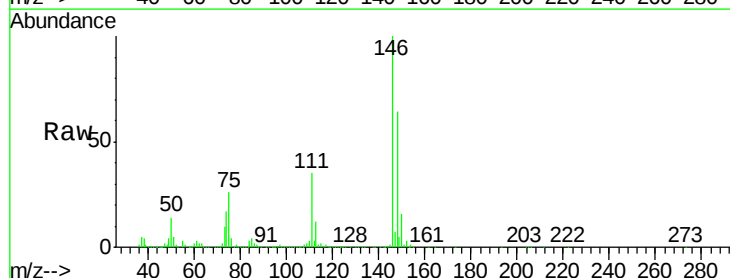
RT: 12.10 min Scan# 1795

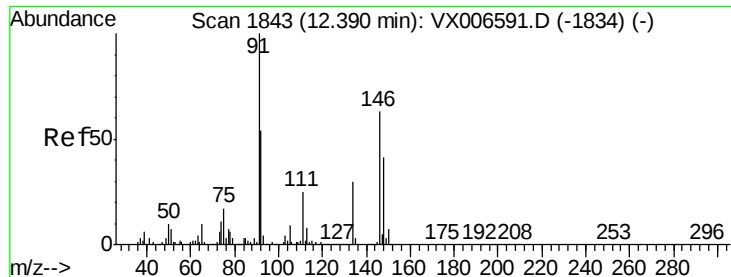
Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 52.929 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

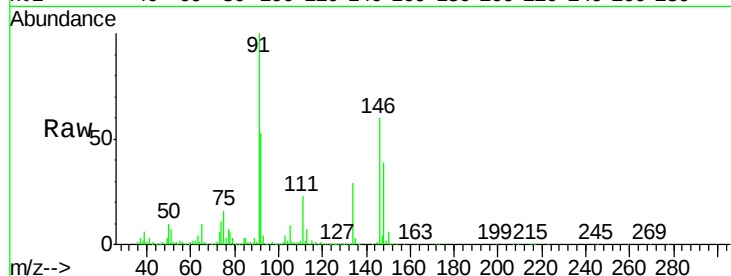
Tot Ion: 91 Resp: 1024797

Ion Ratio Lower Upper

91 100

92 52.4 26.8 80.4

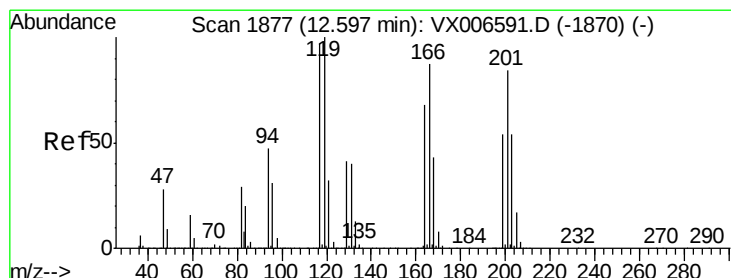
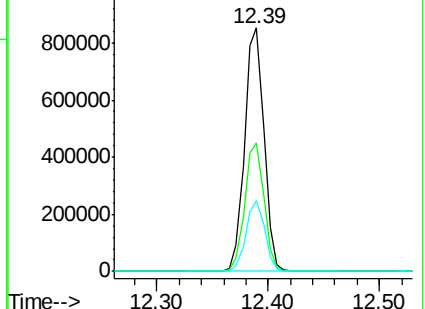
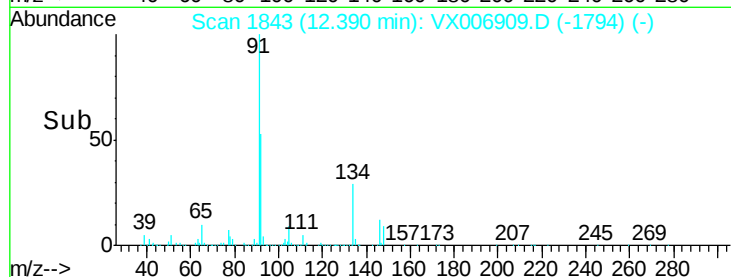
134 28.3 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VX006909.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX006909.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006909.D (-1794) (-)



#90

Hexachloroethane

Concen: 50.791 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006909.D

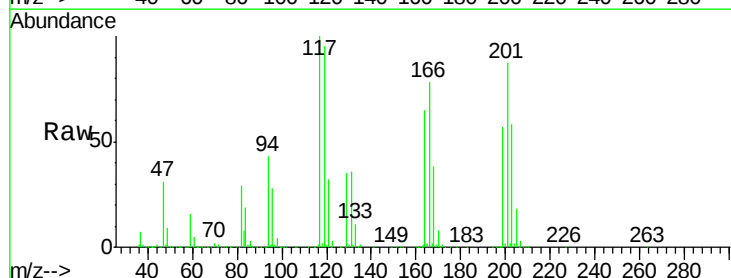
Acq: 04 Jan 2019 12:06

Tgt Ion: 117 Resp: 181041

Ion Ratio Lower Upper

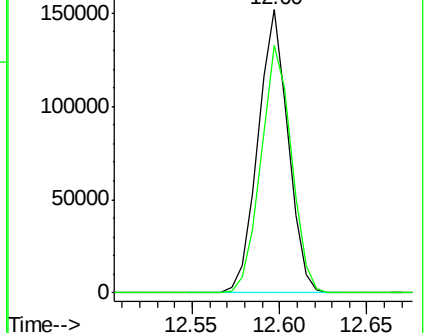
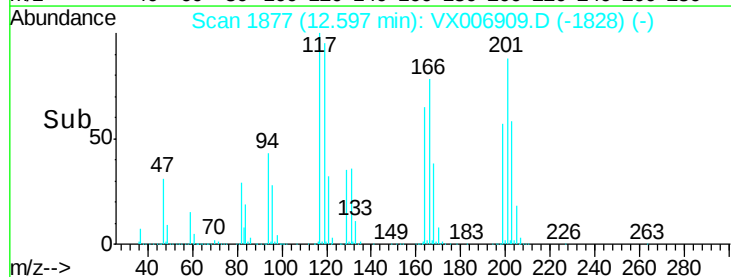
117 100

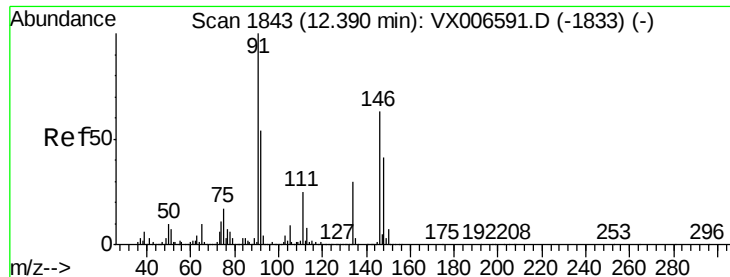
201 89.1 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): VX006909.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006909.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 50.740 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

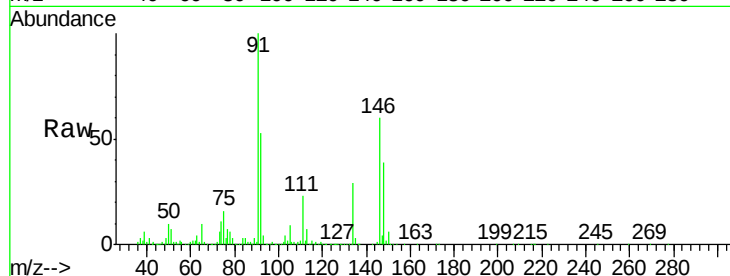
Tot Ion:146 Resp: 633290

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

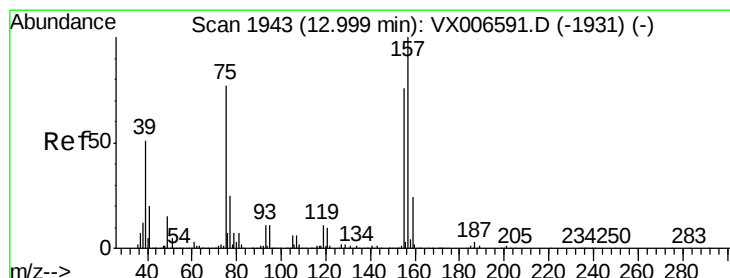
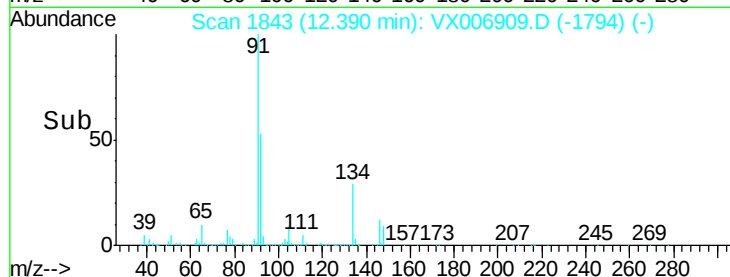
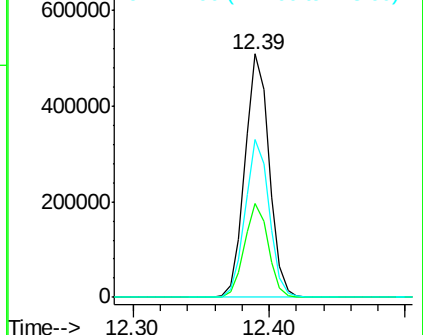
148 64.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.394 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

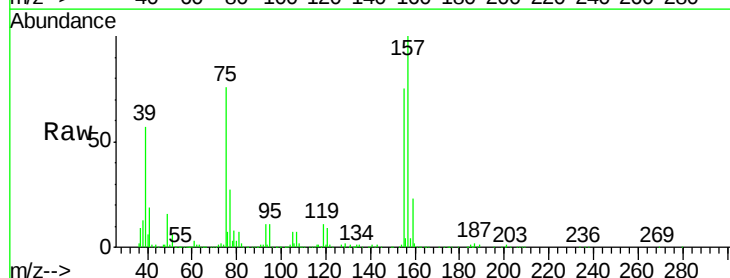
Tgt Ion: 75 Resp: 79408

Ion Ratio Lower Upper

75 100

155 103.7 50.6 151.8

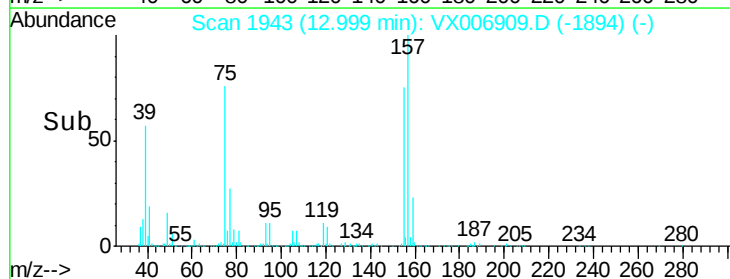
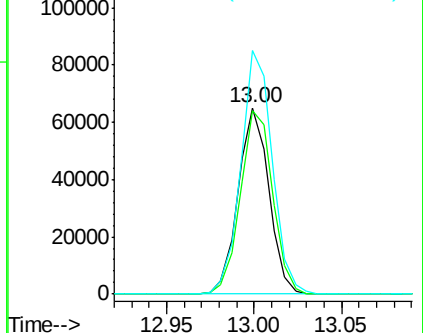
157 133.7 64.6 193.8

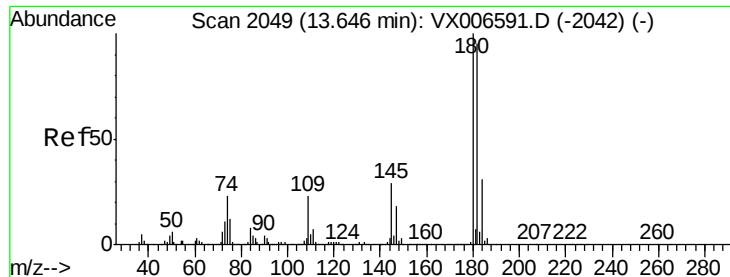


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

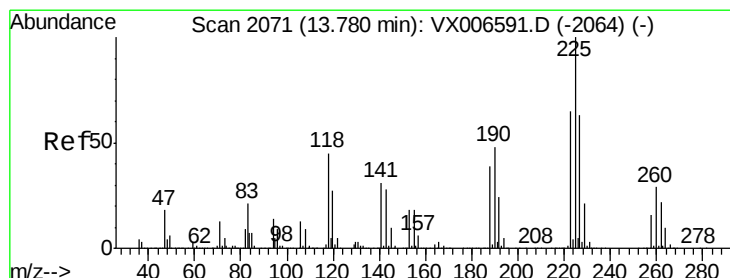
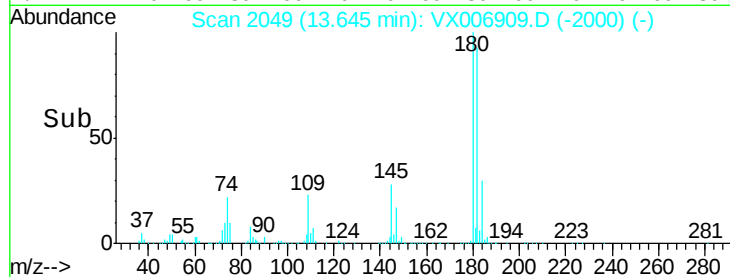
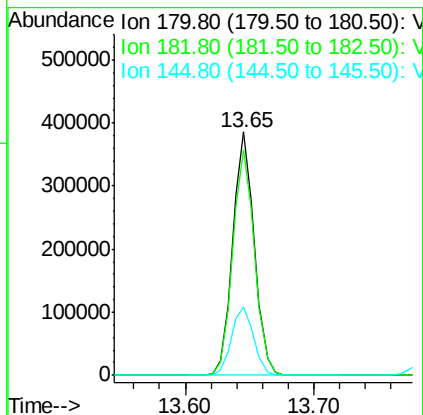
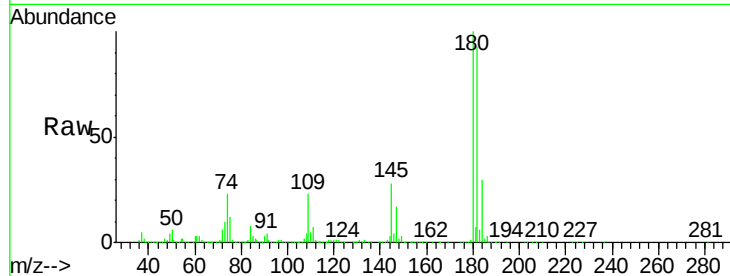




#93
 1,2,4-Trichlorobenzene
 Concen: 52.246 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

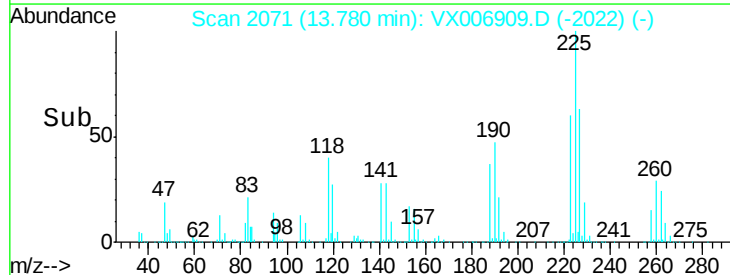
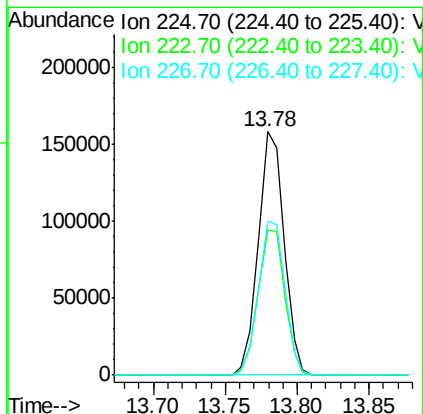
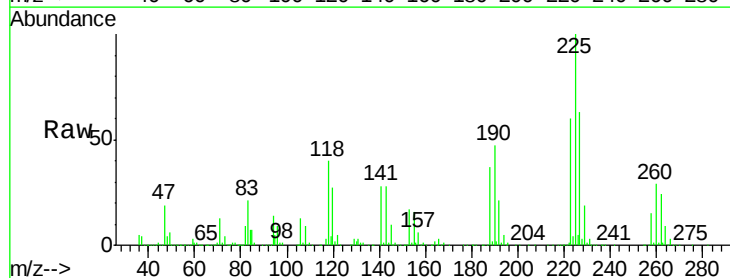
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

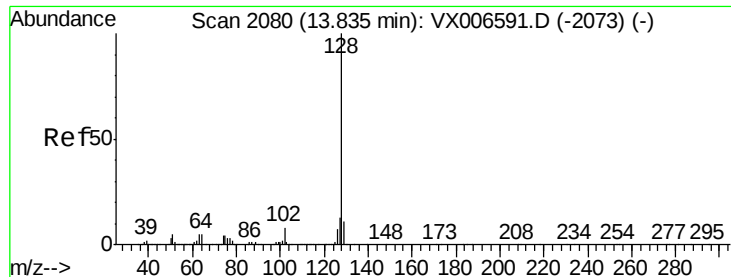
Tot Ion:180 Resp: 449803
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.030 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006909.D
 Acq: 04 Jan 2019 12:06

Tgt Ion:225 Resp: 194907
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.3
 227 64.6 32.3 96.8





#95

Naphthalene

Concen: 48.382 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

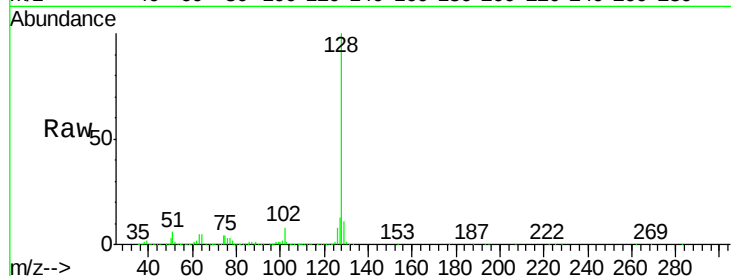
Tot Ion:128 Resp: 1329463

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

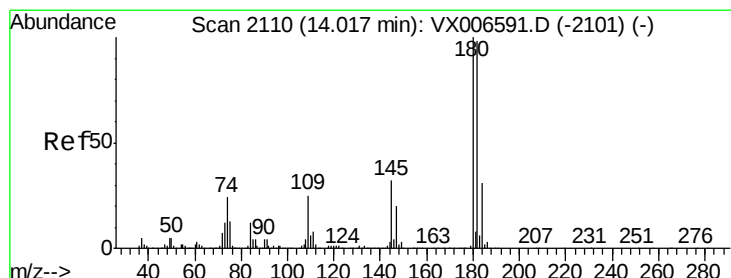
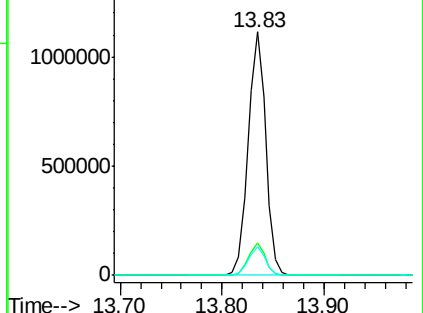
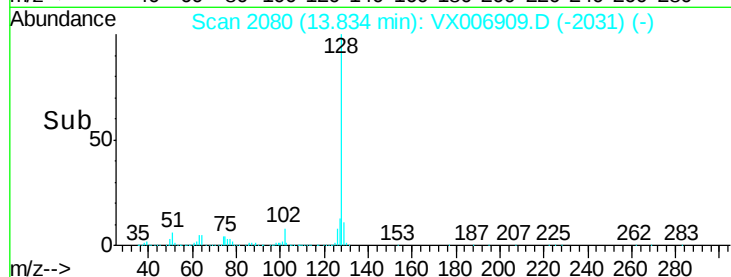
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.809 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006909.D

Acq: 04 Jan 2019 12:06

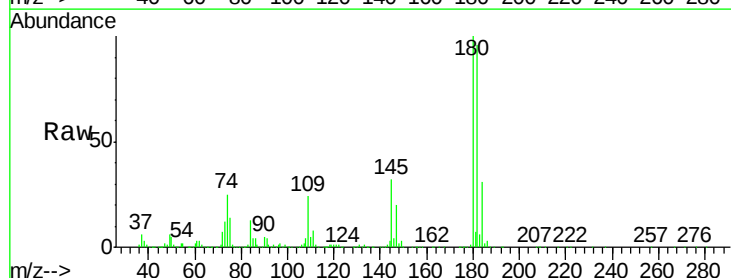
Tgt Ion:180 Resp: 442758

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 30.6 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

