

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006290.D
 Acq On : 05 Dec 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 00:10:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	743188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1094324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	501639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	393610	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.76%		
35) Dibromofluoromethane	5.50	113	378874	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.94%		
50) Toluene-d8	8.71	98	1334437	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.56%		
62) 4-Bromofluorobenzene	11.13	95	502076	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	402545	55.319	ug/l	98
3) Chloromethane	1.33	50	357064	47.749	ug/l	98
4) Vinyl Chloride	1.41	62	393705	48.919	ug/l	99
5) Bromomethane	1.64	94	249387	44.712	ug/l	98
6) Chloroethane	1.71	64	249446	50.550	ug/l	99
7) Trichlorofluoromethane	1.93	101	627227	50.771	ug/l	100
8) Diethyl Ether	2.19	74	232986	49.830	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	367583	52.326	ug/l	99
10) Methyl Iodide	2.51	142	416408	39.333	ug/l	98
11) Tert butyl alcohol	3.07	59	455697	219.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	336184	49.991	ug/l	95
13) Acrolein	2.29	56	259477	228.813	ug/l	100
14) Allyl chloride	2.73	41	623727	46.952	ug/l	99
15) Acrylonitrile	3.15	53	1011741	233.679	ug/l	100
16) Acetone	2.45	43	783396	220.029	ug/l	98
17) Carbon Disulfide	2.57	76	960364	46.345	ug/l	100
18) Methyl Acetate	2.78	43	574303	48.233	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1170566	48.794	ug/l	98
20) Methylene Chloride	2.85	84	361551	47.714	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	356250	49.711	ug/l	93
22) Diisopropyl ether	3.87	45	1064899	51.322	ug/l	97
23) Vinyl Acetate	3.82	43	4442460	251.022	ug/l	99
24) 1,1-Dichloroethane	3.70	63	629421	53.072	ug/l	98
25) 2-Butanone	4.70	43	1197958	235.809	ug/l	100
26) 2,2-Dichloropropane	4.58	77	579184	52.916	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	419982	52.539	ug/l	98
28) Bromochloromethane	5.02	49	276784	53.430	ug/l	98
29) Tetrahydrofuran	5.15	42	834413	236.328	ug/l	98
30) Chloroform	5.21	83	644448	51.708	ug/l	98
31) Cyclohexane	5.57	56	555247	50.660	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	611219	51.544	ug/l	100
36) 1,1-Dichloropropene	5.80	75	485724	52.708	ug/l	99
37) Ethyl Acetate	4.85	43	492723	47.745	ug/l	98
38) Carbon Tetrachloride	5.78	117	565167	52.132	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	646230	54.024	ug/l	98
40) Benzene	6.14	78	1441406	52.224	ug/l	97
41) Methacrylonitrile	5.06	41	274074	48.264	ug/l	100
42) 1,2-Dichloroethane	6.20	62	471446	52.190	ug/l	99
43) Isopropyl Acetate	6.46	43	834469	48.498	ug/l	99
44) Trichloroethene	7.21	130	440896	52.730	ug/l	96
45) 1,2-Dichloropropane	7.51	63	357979	51.032	ug/l	97
46) Dibromomethane	7.66	93	263055	51.923	ug/l	99
47) Bromodichloromethane	7.90	83	517373	52.734	ug/l	100
48) Methyl methacrylate	7.77	41	406810	48.599	ug/l	98
49) 1,4-Dioxane	7.75	88	199869	968.789	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2407733	240.375	ug/l	99
52) Toluene	8.78	92	928831	51.152	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	576921	50.281	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	610312	51.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	383287	51.957	ug/l	98
56) Ethyl methacrylate	9.18	69	575605	49.911	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603792	51.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1466282	250.551	ug/l	99
59) 2-Hexanone	9.49	43	1791039	234.040	ug/l	98
60) Dibromochloromethane	9.58	129	465562	51.180	ug/l	100
61) 1,2-Dibromoethane	9.67	107	418305	50.712	ug/l	99
64) Tetrachloroethene	9.34	164	381730	52.774	ug/l	99
65) Chlorobenzene	10.14	112	1086953	53.311	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	414147	52.279	ug/l	99
67) Ethyl Benzene	10.25	91	1807383	53.298	ug/l	100
68) m/p-Xylenes	10.36	106	1444695	106.355	ug/l	99
69) o-Xylene	10.70	106	705092	52.550	ug/l	100
70) Styrene	10.71	104	1147750	52.889	ug/l	99
71) Bromoform	10.86	173	376036	50.285	ug/l	100
73) Isopropylbenzene	11.02	105	1882846	54.351	ug/l	100
74) N-amyl acetate	10.90	43	722418	48.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	563286	50.825	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	678061	70.030	ug/l	87
77) Bromobenzene	11.26	156	506008	52.633	ug/l	99
78) n-propylbenzene	11.36	91	2118017	55.001	ug/l	100
79) 2-Chlorotoluene	11.42	91	1223327	53.449	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1553589	53.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	204225	49.498	ug/l #	82
82) 4-Chlorotoluene	11.51	91	1425826	53.580	ug/l	100
83) tert-Butylbenzene	11.77	119	1652152	53.722	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1595790	53.617	ug/l	100
85) sec-Butylbenzene	11.94	105	1940231	55.456	ug/l	100
86) p-Isopropyltoluene	12.07	119	1742761	55.318	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	913382	53.393	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	913931	52.637	ug/l	99
89) n-Butylbenzene	12.39	91	1503678	55.939	ug/l	99
90) Hexachloroethane	12.60	117	343877	53.556	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	884174	52.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132785	46.739	ug/l	98

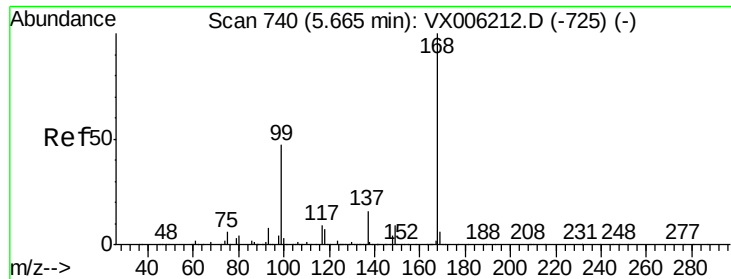
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	661476	53.404	ug/l	100
94) Hexachlorobutadiene	13.78	225	316255	57.735	ug/l	100
95) Naphthalene	13.83	128	1997815	51.852	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	648749	52.880	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

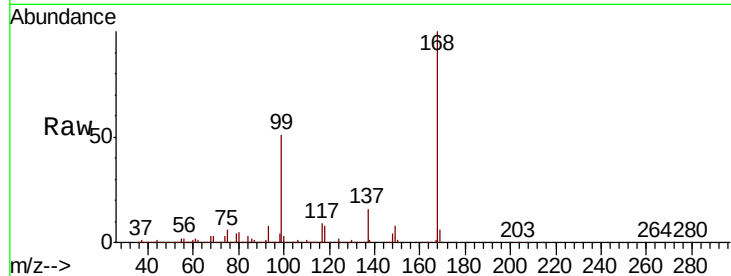
VSTDCCC050

Tot Ion:168 Resp: 743188

Ion Ratio Lower Upper

168 100

99 51.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

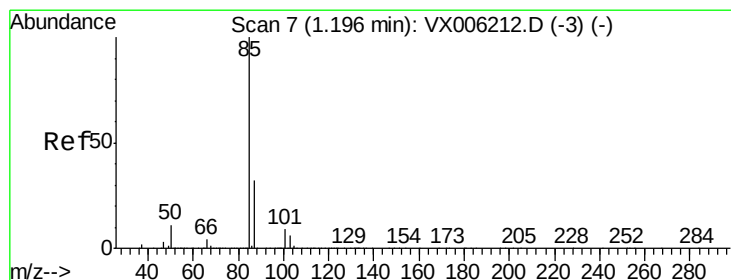
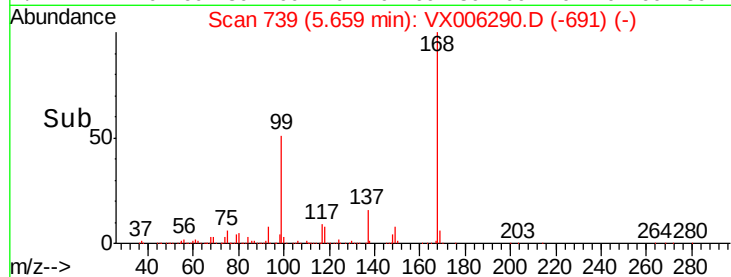
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.319 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006290.D

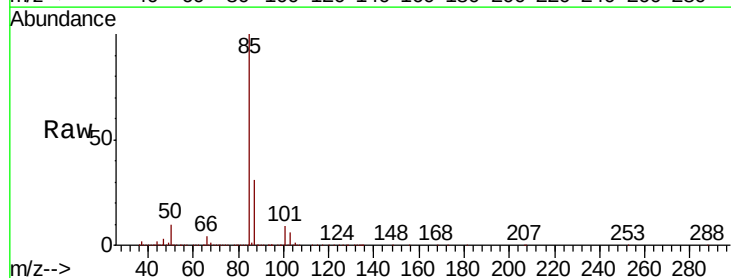
Acq: 05 Dec 2018 10:20

Tgt Ion: 85 Resp: 402545

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400000

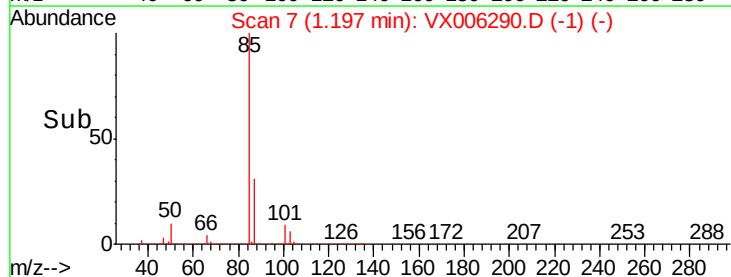
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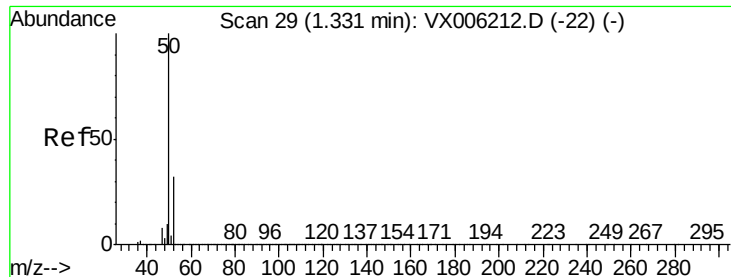
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Time-->

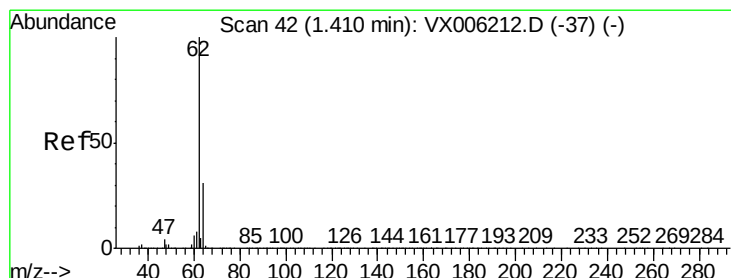
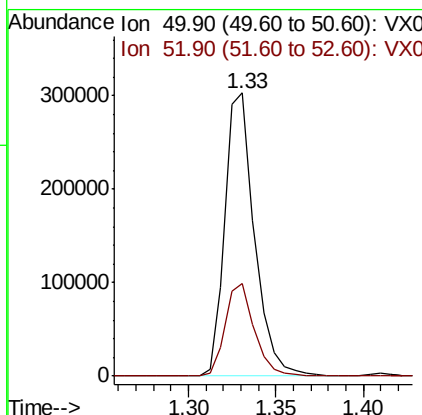
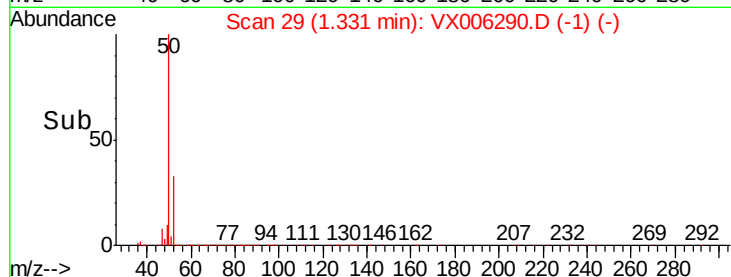
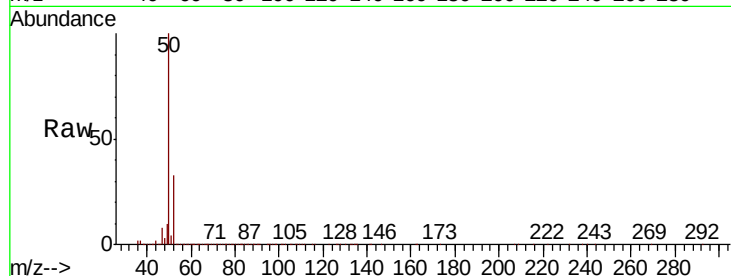




#3
Chloromethane
Concen: 47.749 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

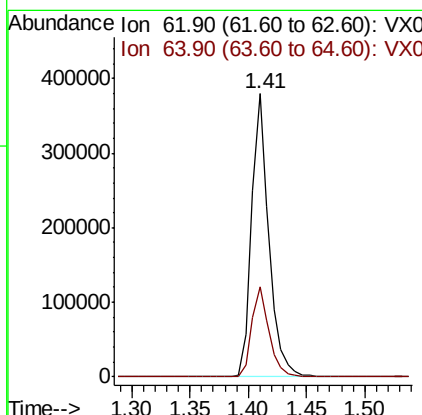
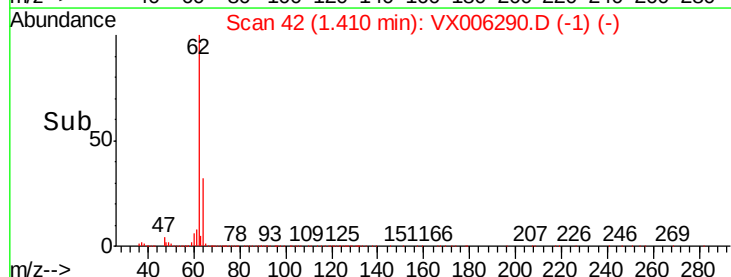
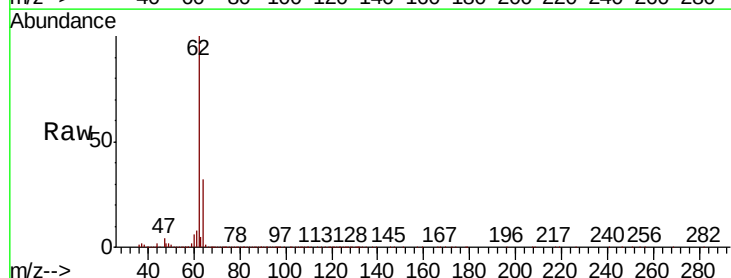
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

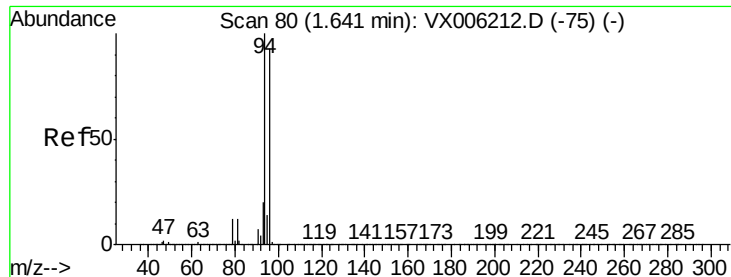
Tot Ion: 50 Resp: 357064
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 48.919 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 62 Resp: 393705
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





#5

Bromomethane

Concen: 44.712 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

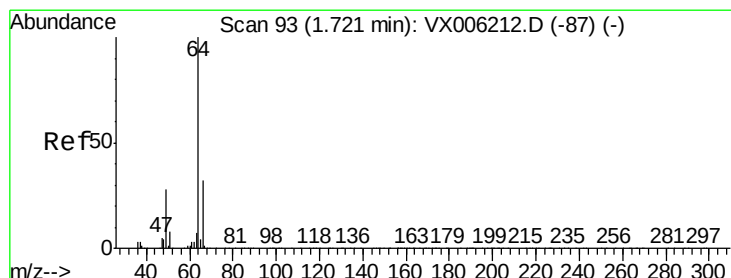
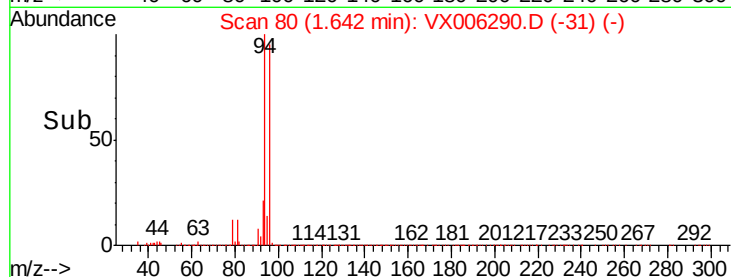
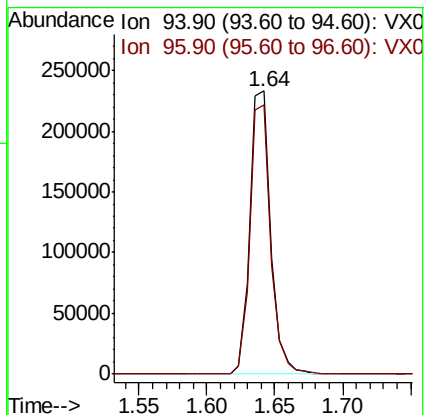
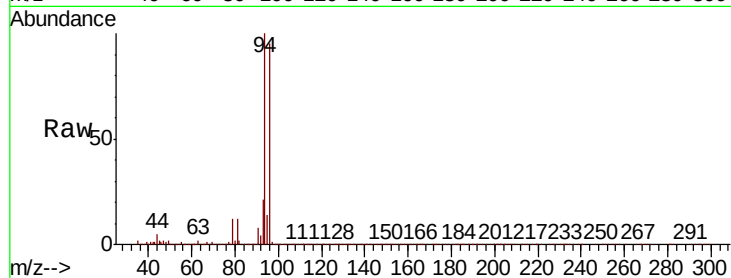
VSTDCCC050

Tot Ion: 94 Resp: 249387

Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7



#6

Chloroethane

Concen: 50.550 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006290.D

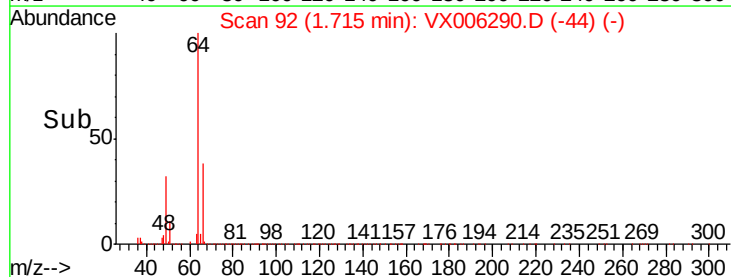
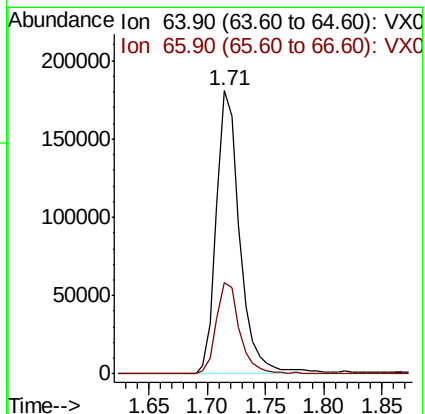
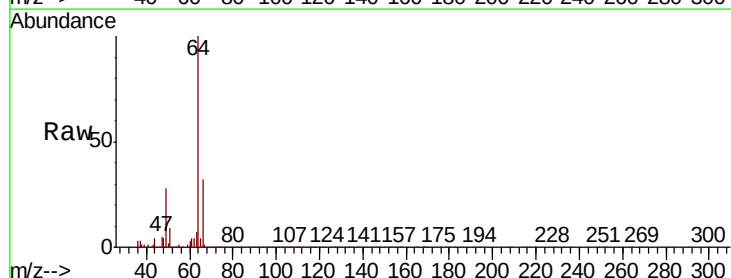
Acq: 05 Dec 2018 10:20

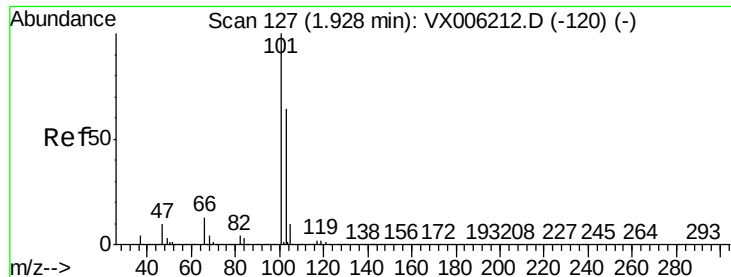
Tgt Ion: 64 Resp: 249446

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9



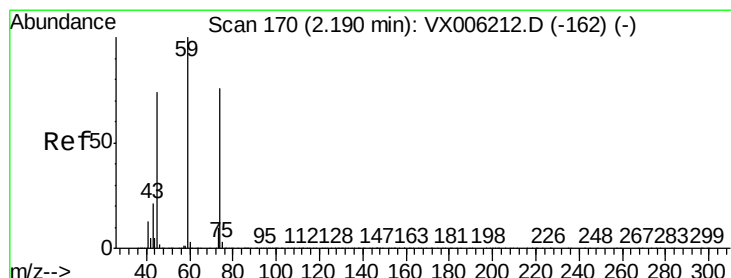
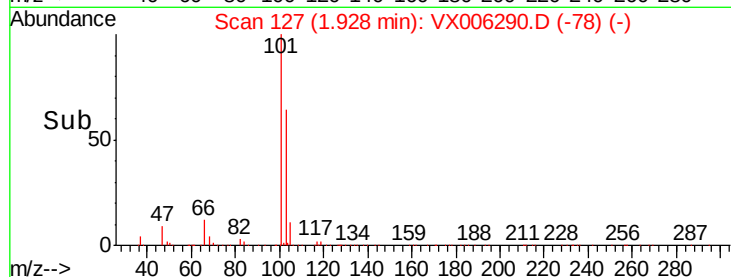
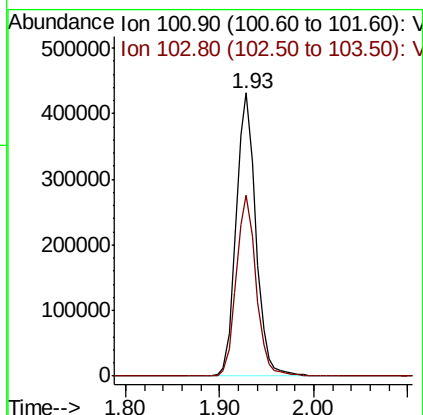
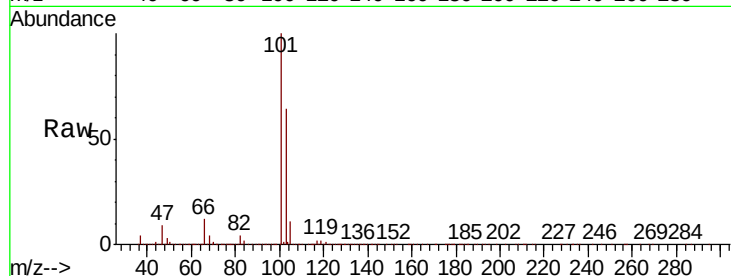


#7

Trichlorofluoromethane
Concen: 50.771 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

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VSTDCCC050

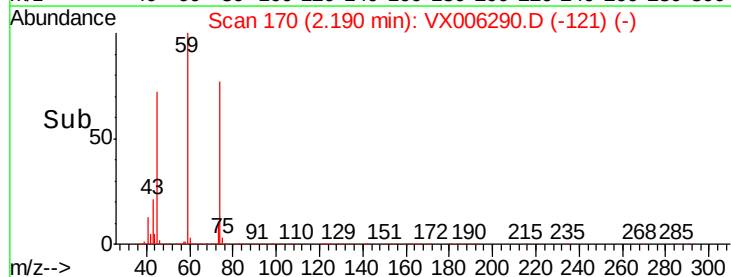
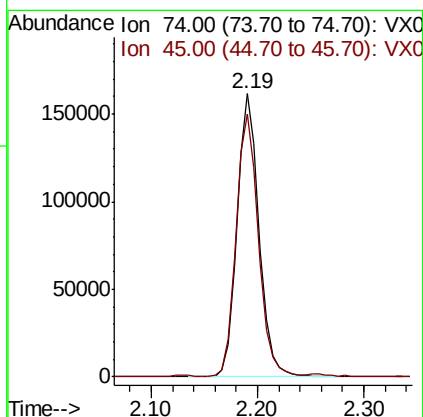
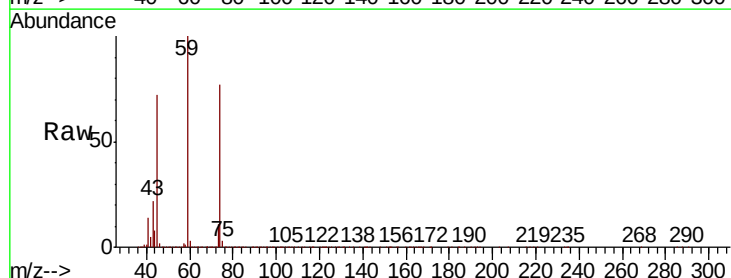
Tot Ion:101 Resp: 627227
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

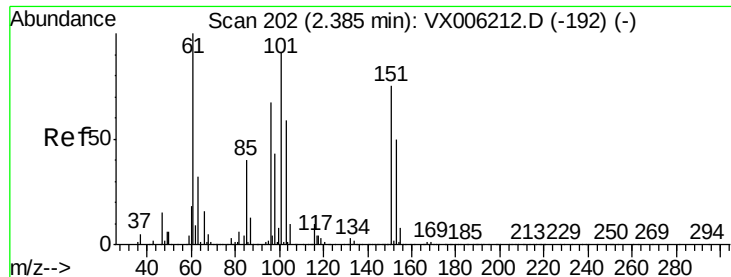


#8

Diethyl Ether
Concen: 49.830 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 74 Resp: 232986
Ion Ratio Lower Upper
74 100
45 94.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.326 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

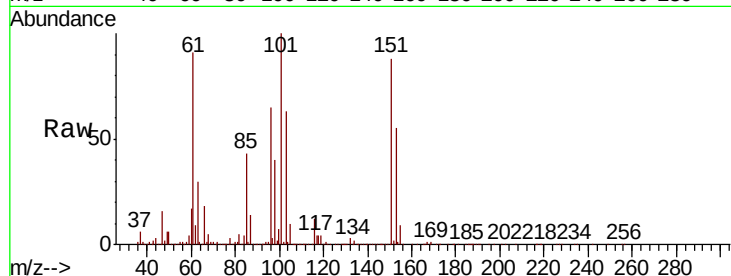
Tot Ion:101 Resp: 367583

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

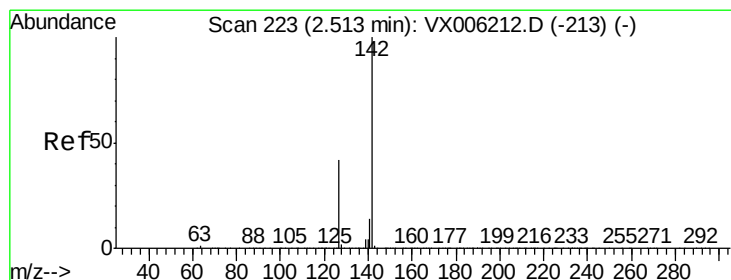
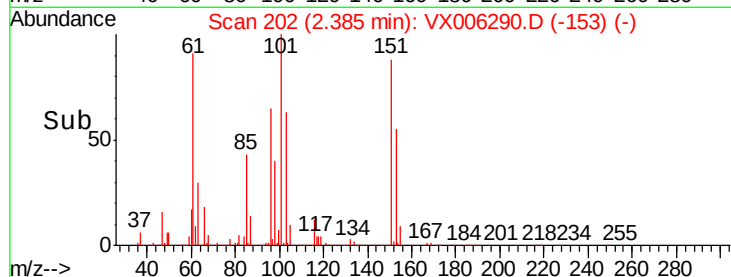
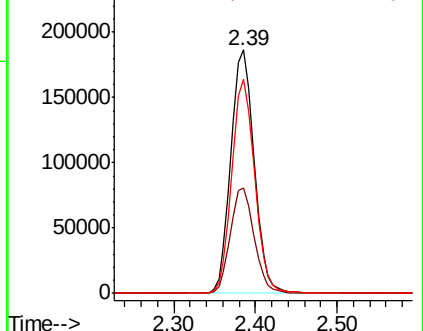
151 86.0 68.6 103.0



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: 39.333 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

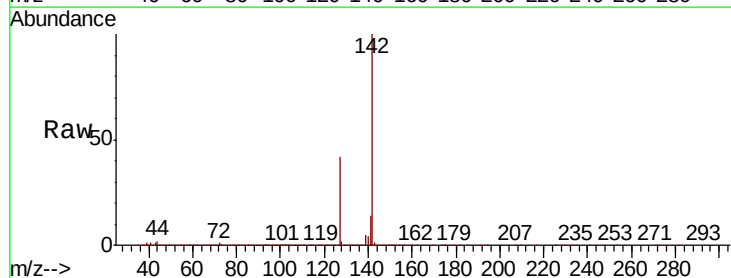
Tgt Ion:142 Resp: 416408

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

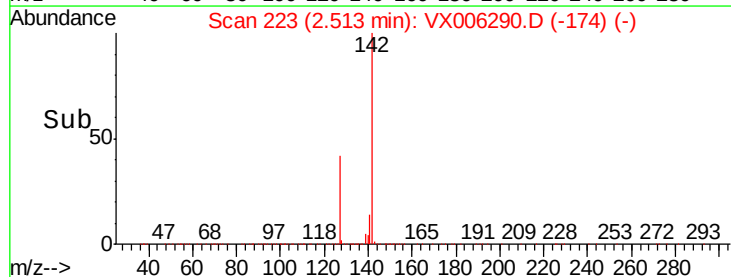
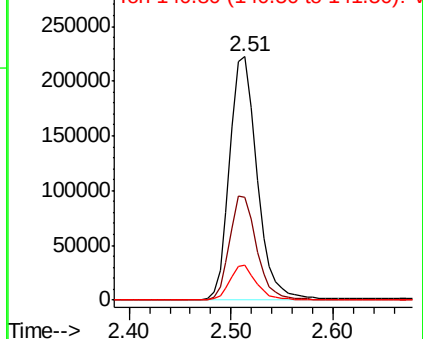
141 14.0 11.4 17.2

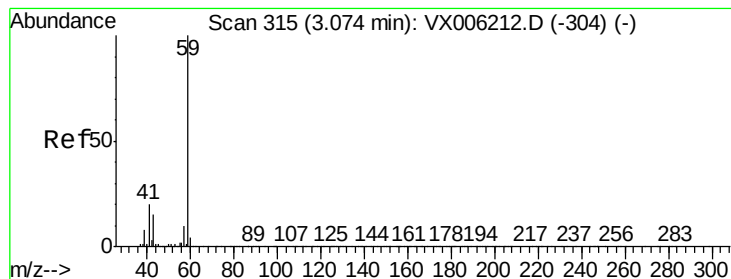


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



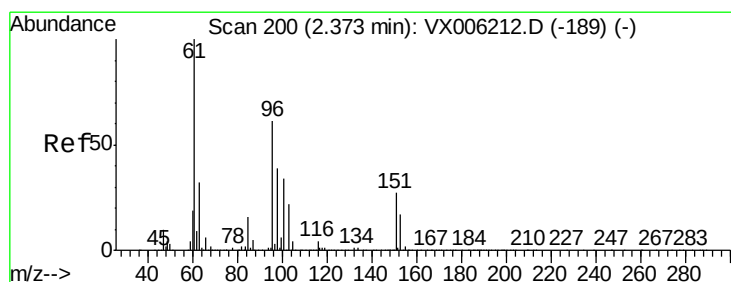
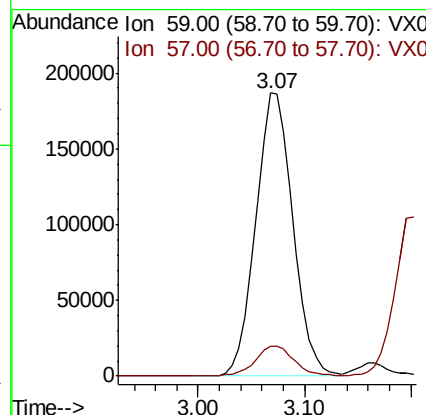
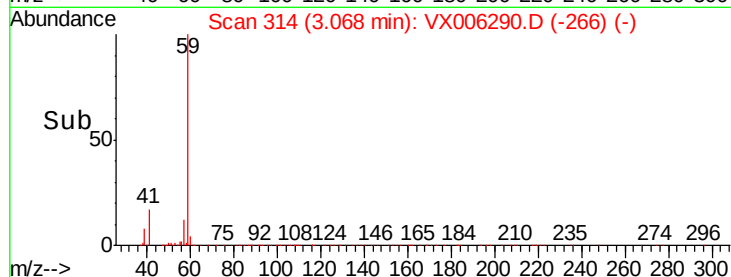
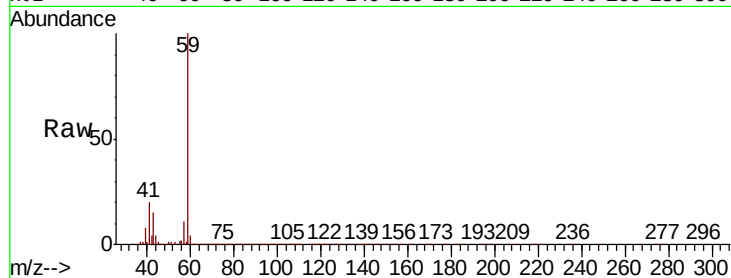


#11

Tert butyl alcohol
Concen: 219.633 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

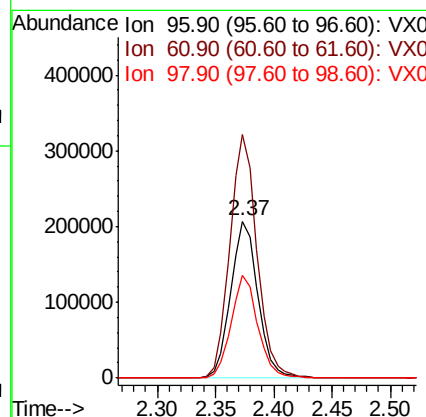
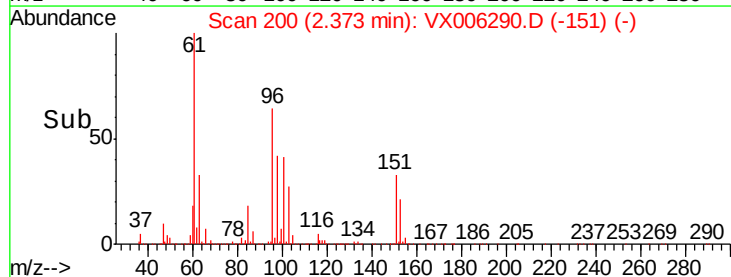
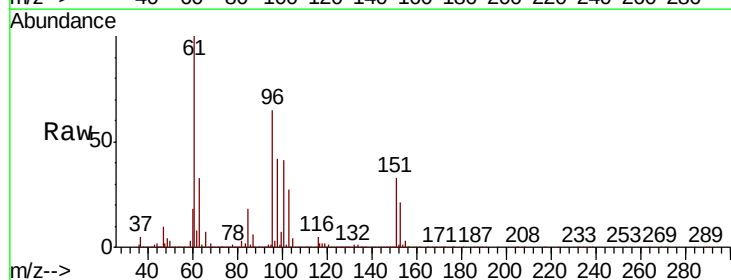
Tot Ion: 59 Resp: 455697
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

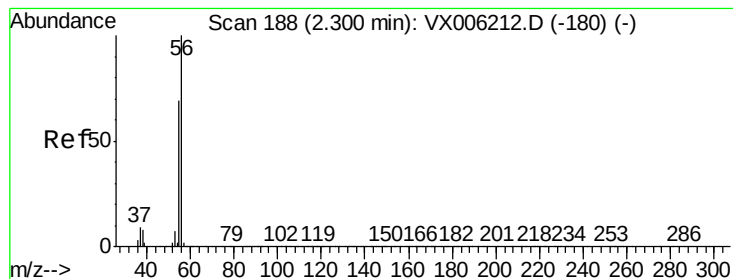


#12

1,1-Dichloroethene
Concen: 49.991 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 96 Resp: 336184
Ion Ratio Lower Upper
96 100
61 155.0 131.7 197.5
98 65.2 51.8 77.6





#13

Acrolein

Concen: 228.813 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

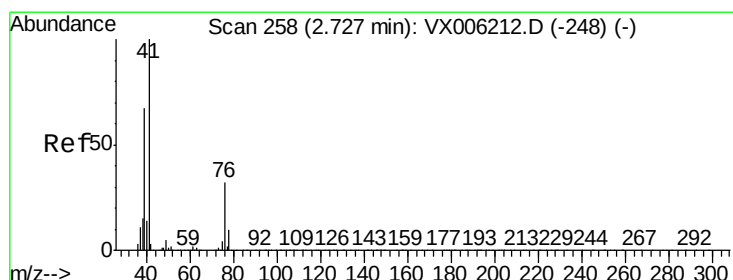
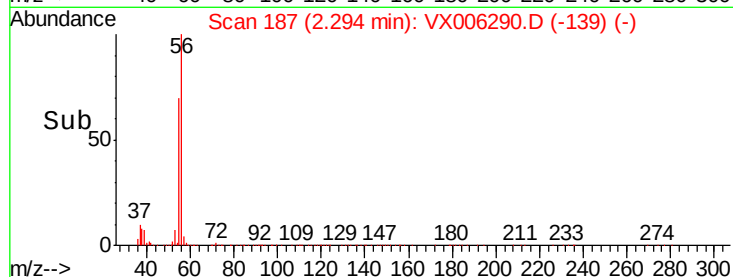
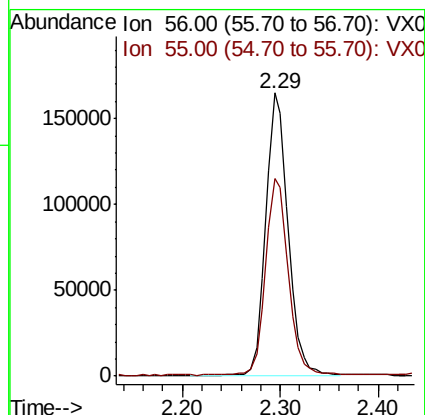
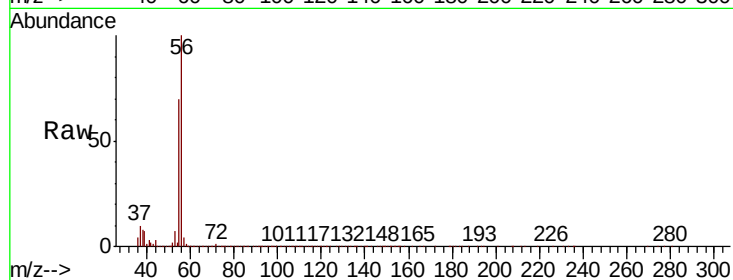
VSTDCCC050

Tot Ion: 56 Resp: 259477

Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6



#14

Allyl chloride

Concen: 46.952 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

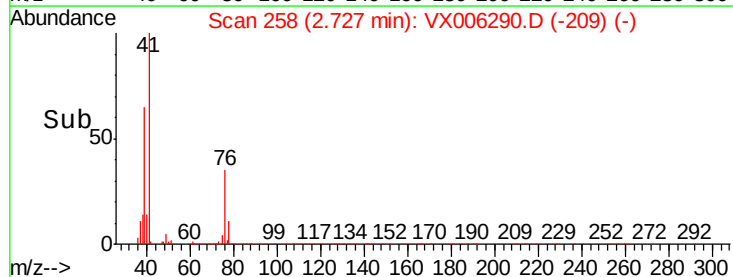
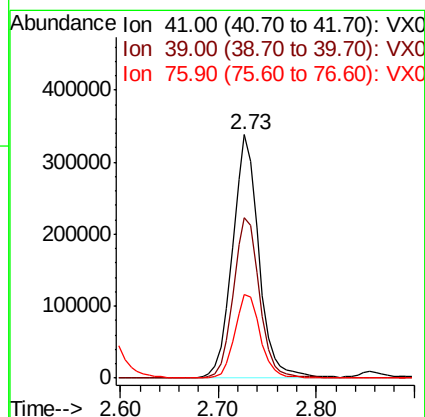
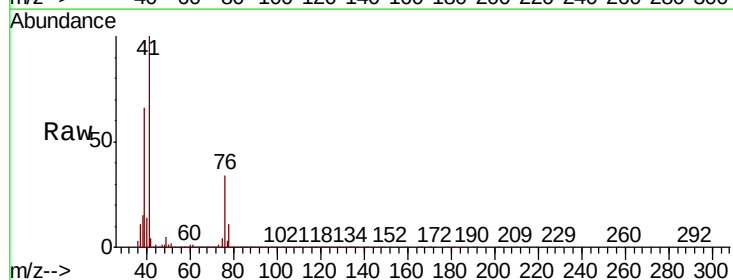
Tgt Ion: 41 Resp: 623727

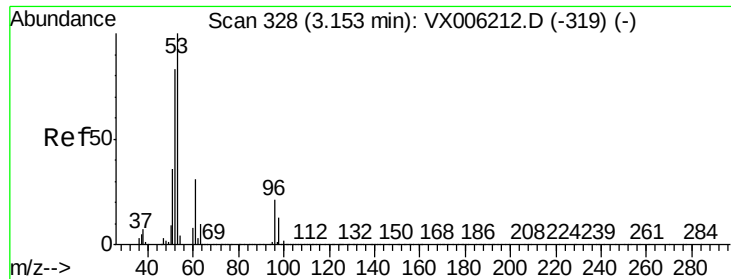
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 33.6 25.4 38.0

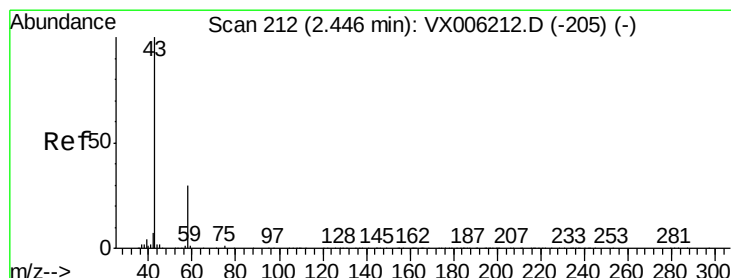
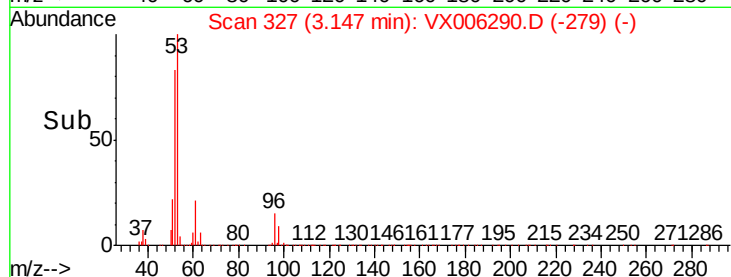
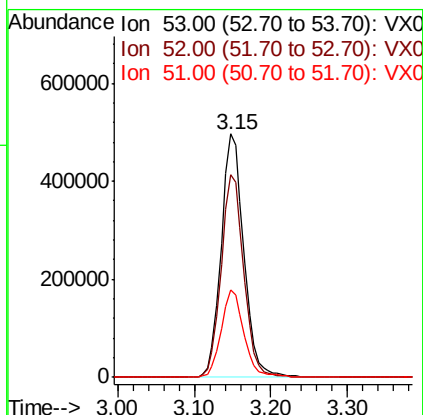
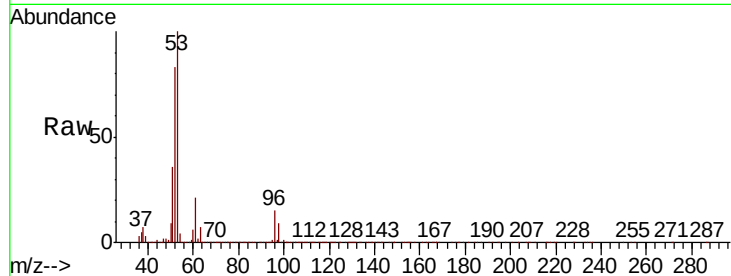




#15
 Acrylonitrile
 Concen: 233.679 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

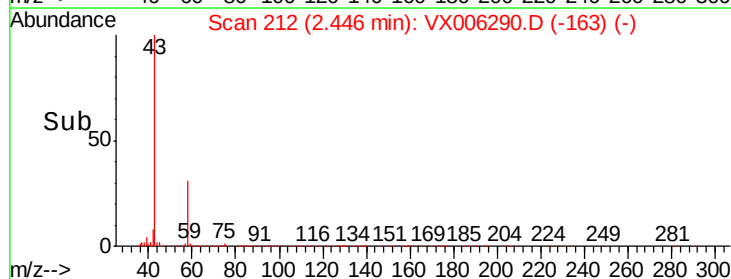
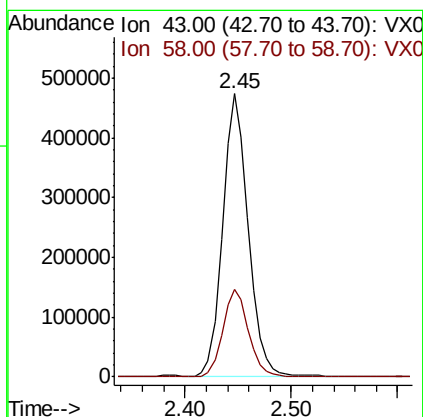
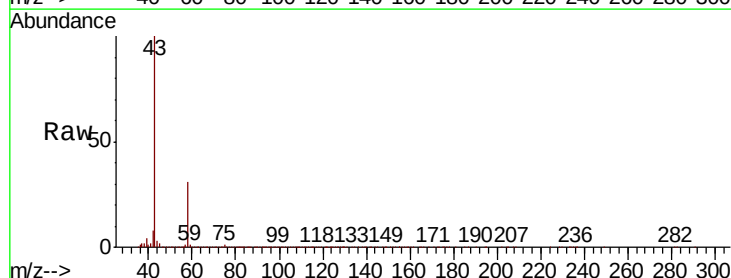
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

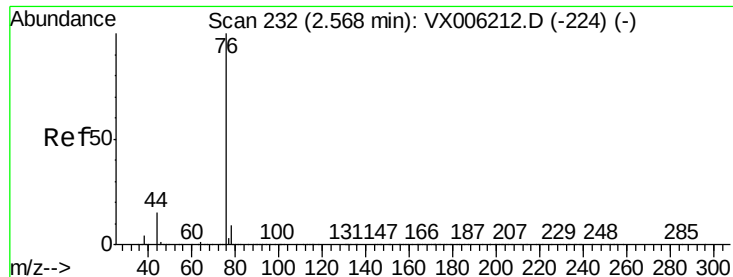
Tot Ion: 53 Resp: 1011741
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.2 99.4
 51 36.1 28.7 43.1



#16
 Acetone
 Concen: 220.029 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion: 43 Resp: 783396
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.0 36.0





#17

Carbon Disulfide

Concen: 46.345 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

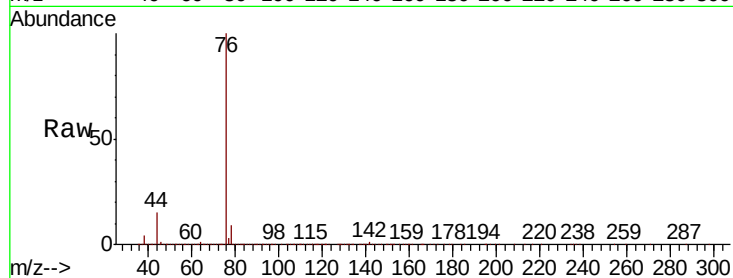
VSTDCCC050

Tot Ion: 76 Resp: 960364

Ion Ratio Lower Upper

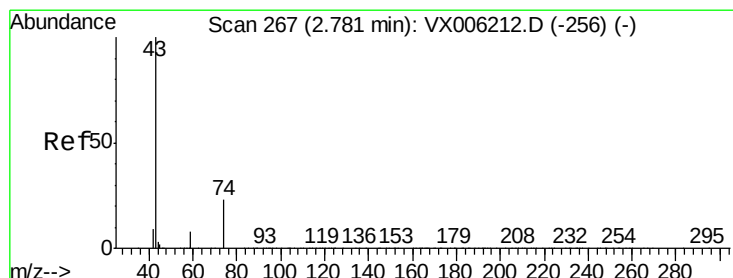
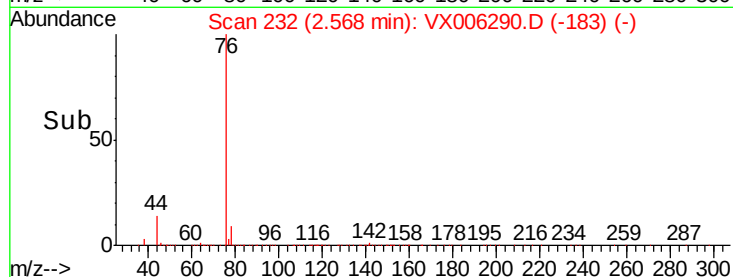
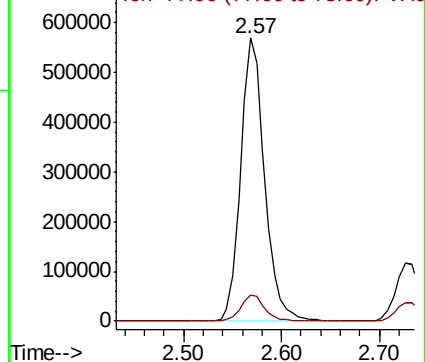
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.233 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006290.D

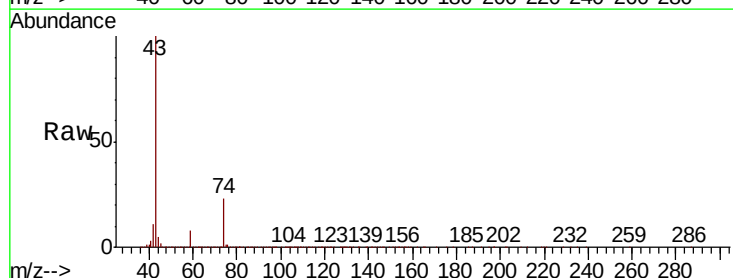
Acq: 05 Dec 2018 10:20

Tgt Ion: 43 Resp: 574303

Ion Ratio Lower Upper

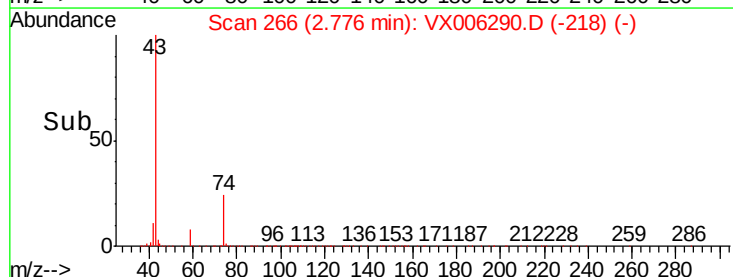
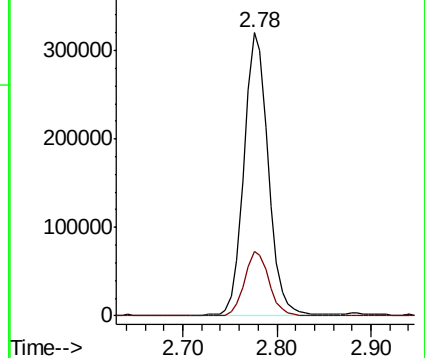
43 100

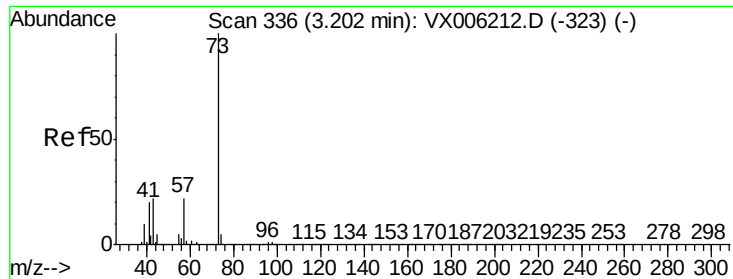
74 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 48.794 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

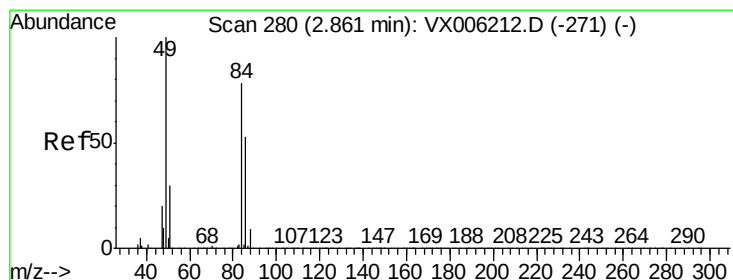
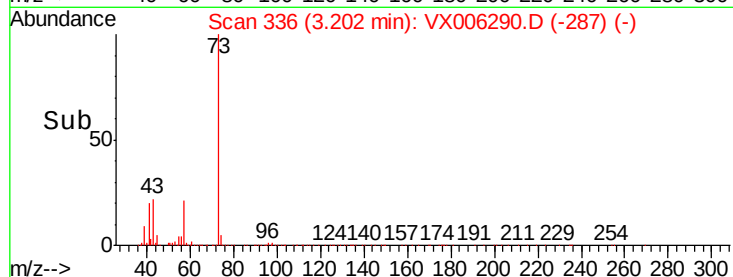
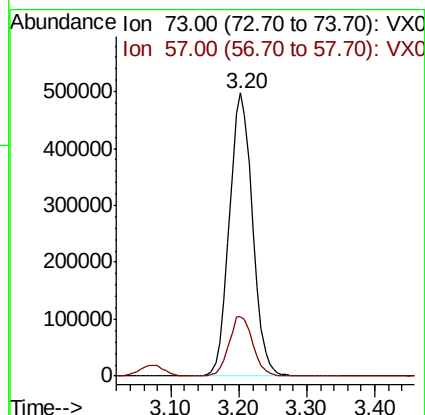
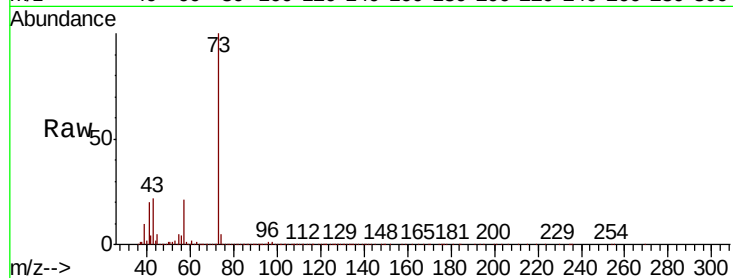
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1170566

Ion Ratio Lower Upper

73 100

57 21.2 17.5 26.3



#20

Methylene Chloride
 Concen: 47.714 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion: 84 Resp: 361551

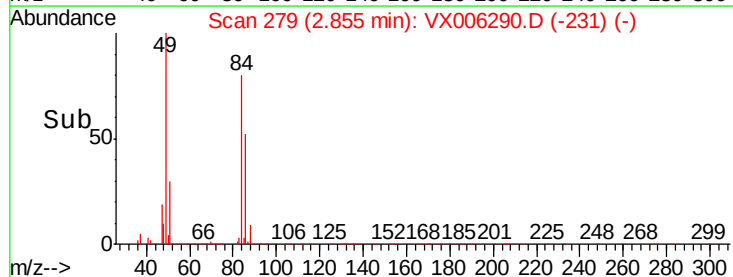
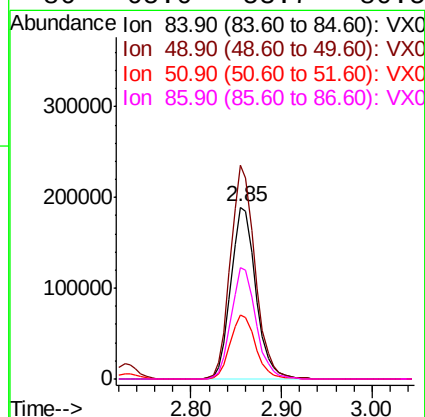
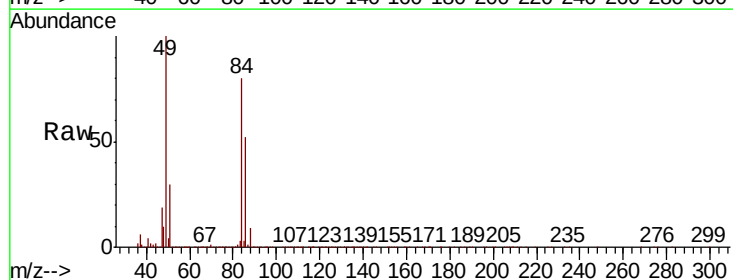
Ion Ratio Lower Upper

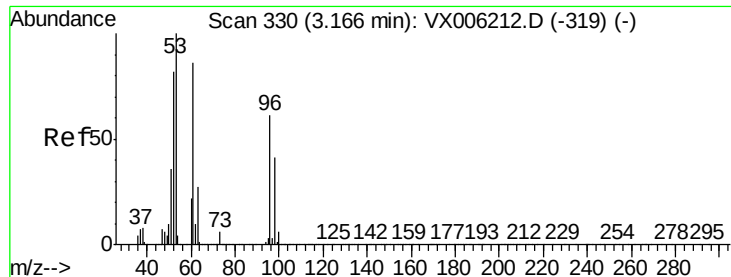
84 100

49 124.5 102.2 153.4

51 37.2 31.1 46.7

86 65.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

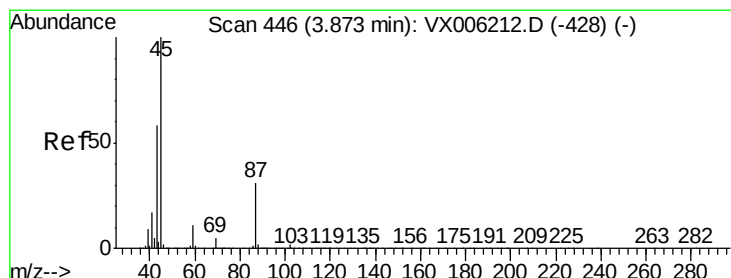
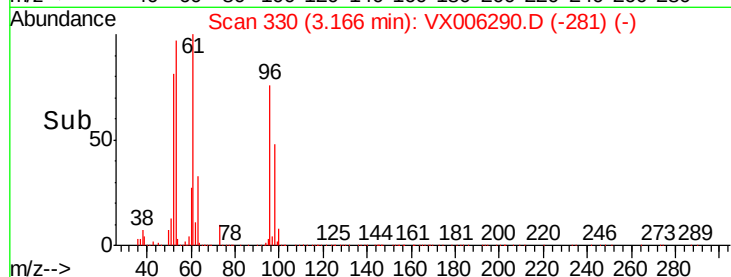
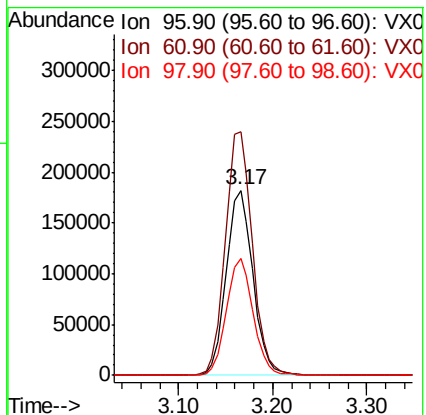
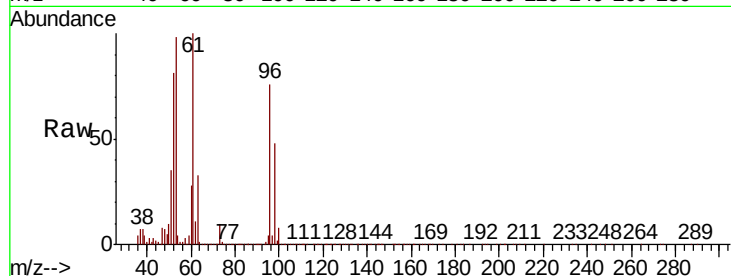
Tot Ion: 96 Resp: 356250

Ion Ratio Lower Upper

96 100

61 131.6 113.3 169.9

98 63.3 53.2 79.8



#22

Diisopropyl ether

Concen: 51.322 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion: 45 Resp: 1064899

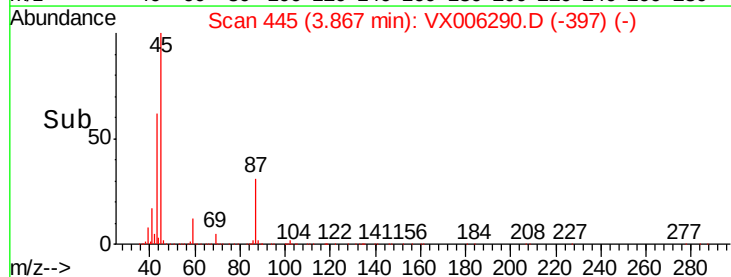
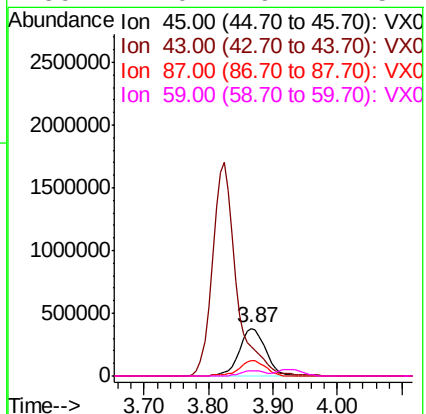
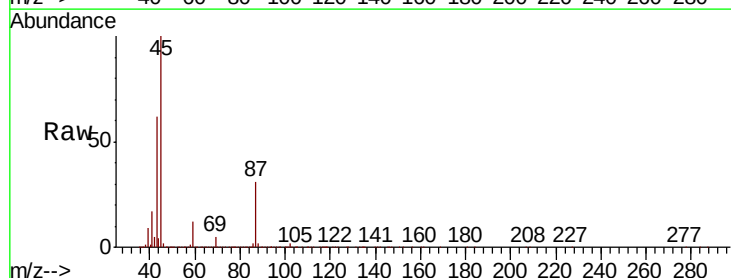
Ion Ratio Lower Upper

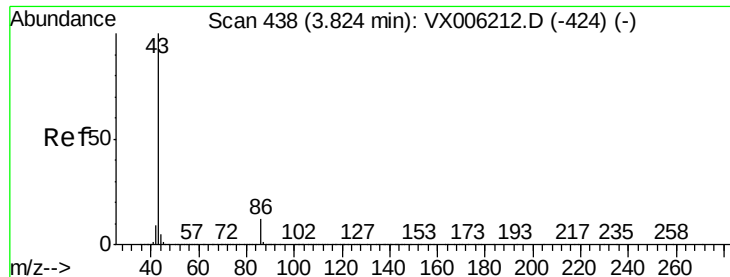
45 100

43 61.3 46.2 69.2

87 31.2 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 251.022 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

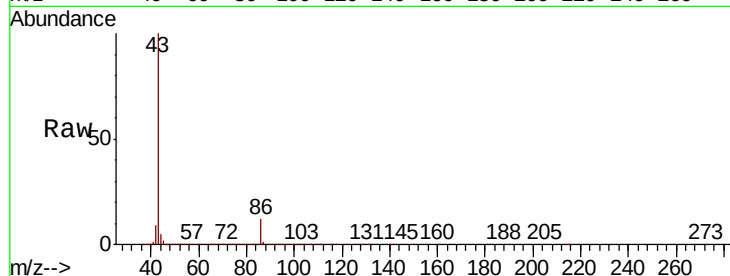
VSTDCCC050

Tot Ion: 43 Resp: 4442460

Ion Ratio Lower Upper

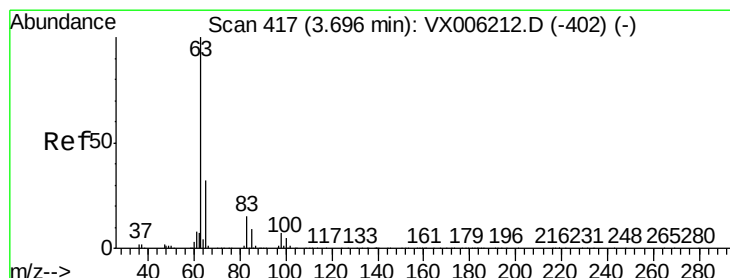
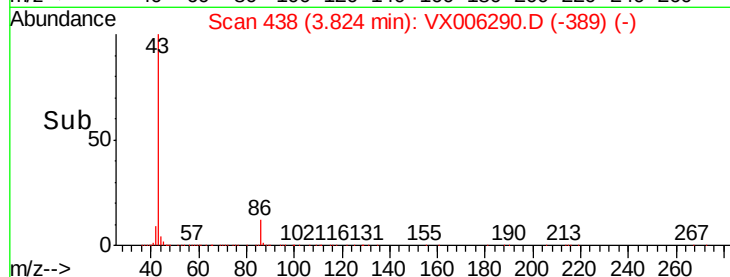
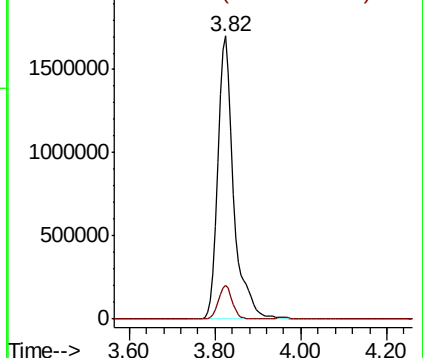
43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.072 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

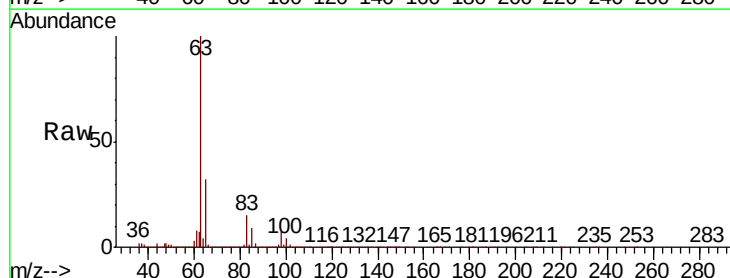
Tgt Ion: 63 Resp: 629421

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

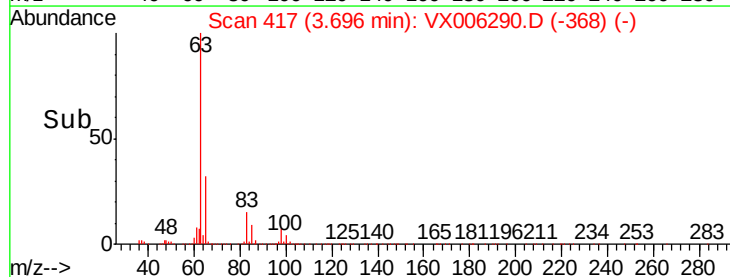
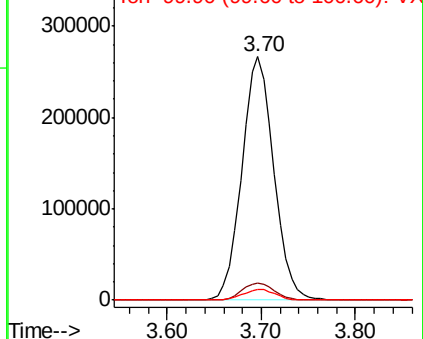
100 4.1 2.5 7.4

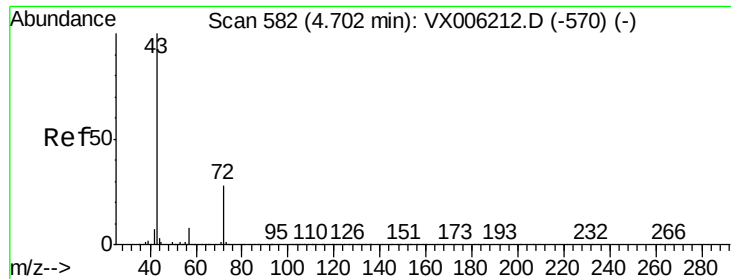


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

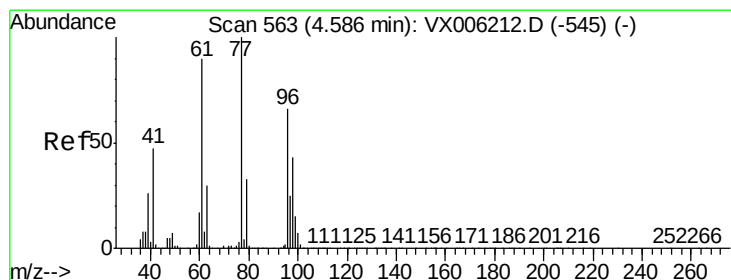
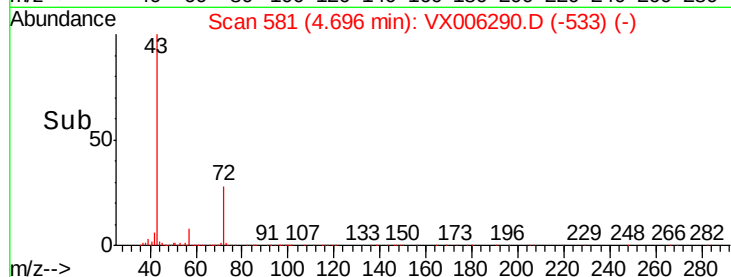
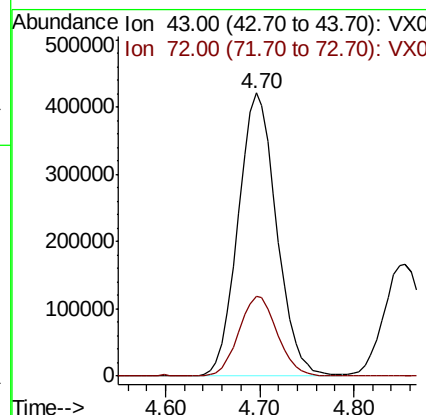
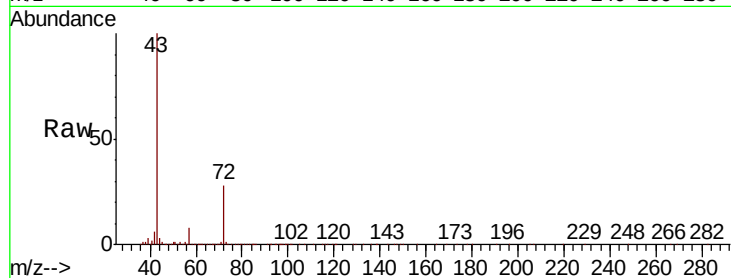




#25
2-Butanone
Concen: 235.809 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

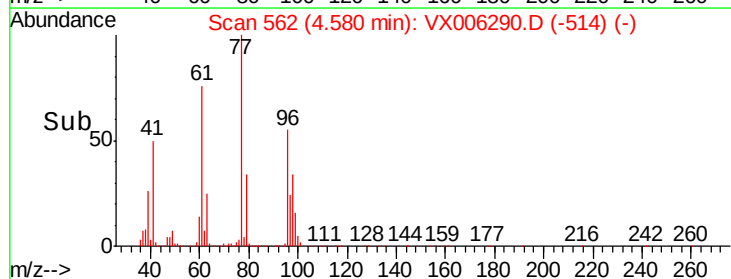
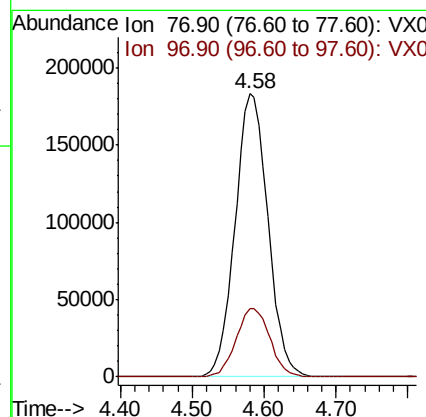
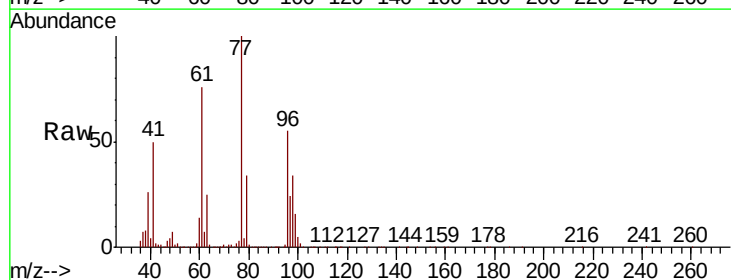
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

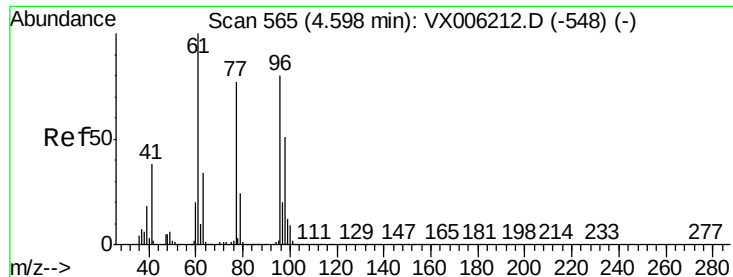
Tot Ion: 43 Resp: 1197958
Ion Ratio Lower Upper
43 100
72 28.1 22.6 33.8



#26
2,2-Dichloropropane
Concen: 52.916 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 77 Resp: 579184
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.8



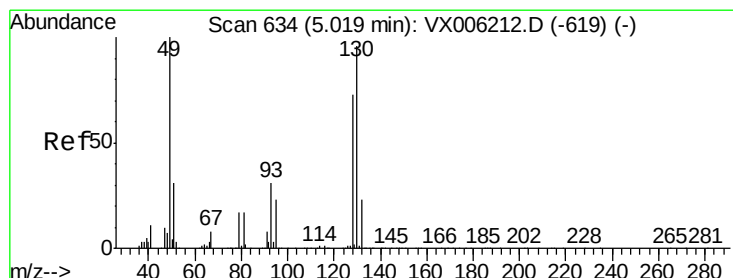
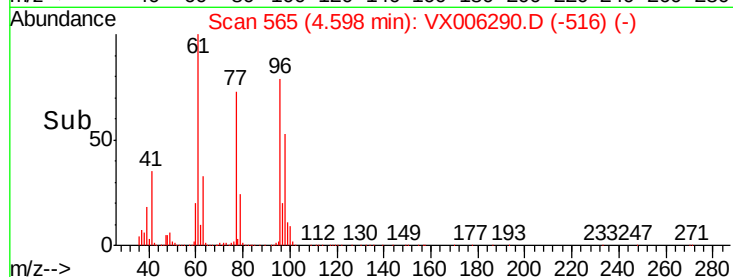
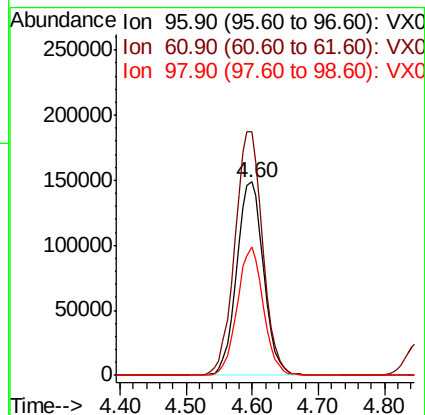
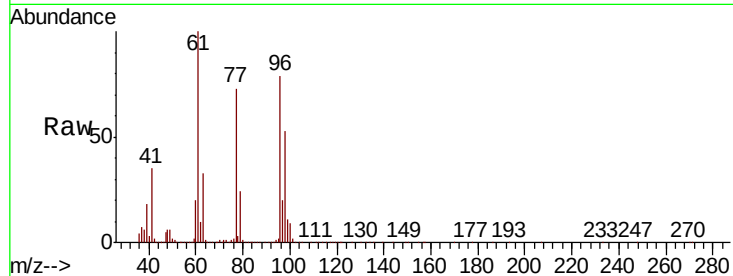


#27

cis-1,2-Dichloroethene
Concen: 52.539 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

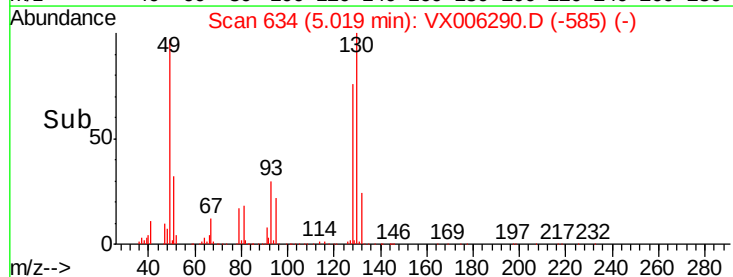
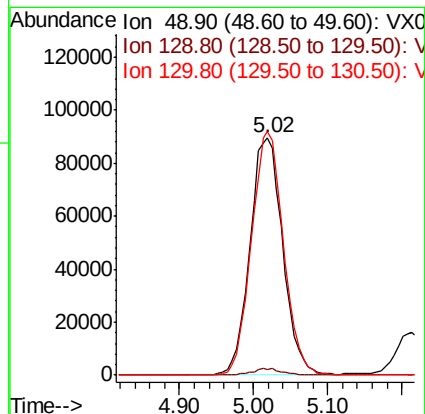
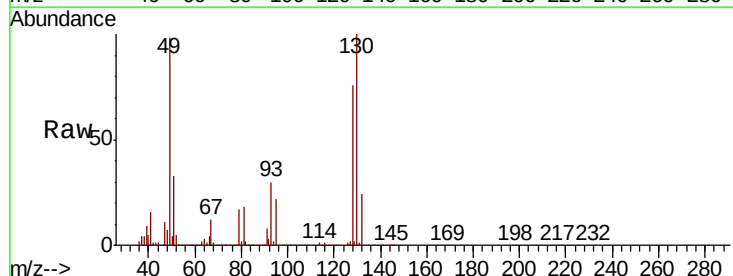
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	265.0
98	64.3	0.0	130.2

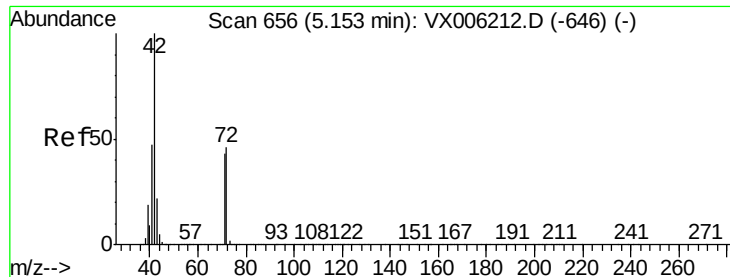


#28

Bromochloromethane
Concen: 53.430 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	99.8	78.3	117.5





#29

Tetrahydrofuran

Concen: 236.328 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

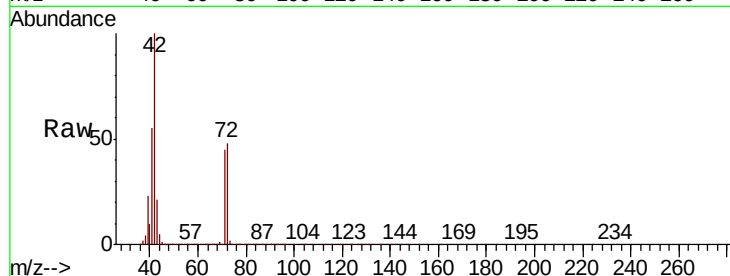
Tot Ion: 42 Resp: 834413

Ion Ratio Lower Upper

42 100

72 48.6 37.8 56.8

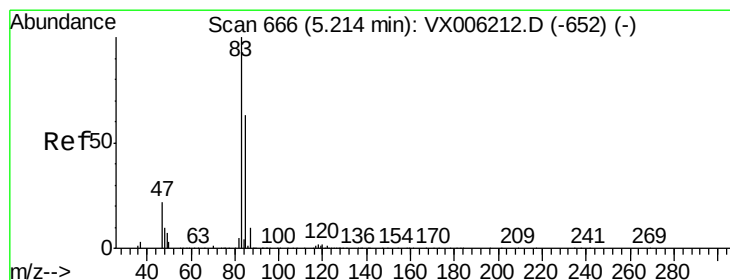
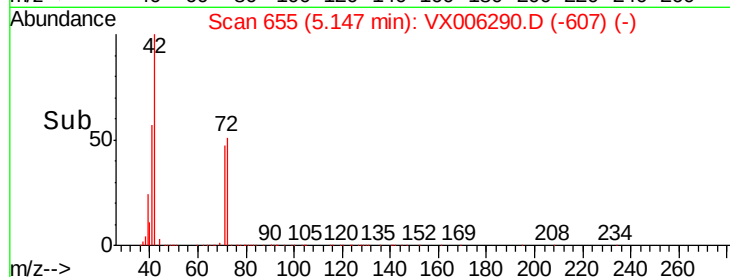
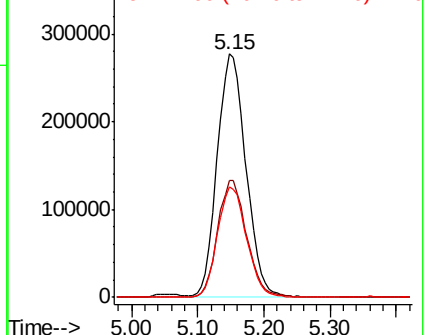
71 45.9 35.2 52.8



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: 51.708 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006290.D

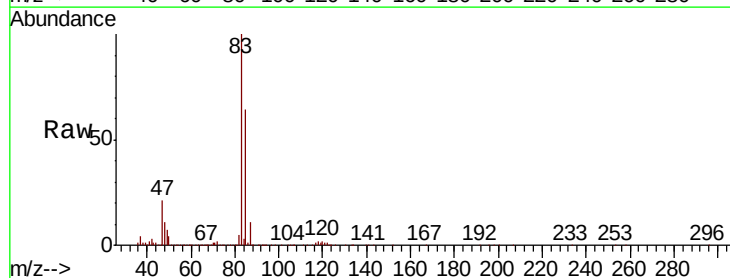
Acq: 05 Dec 2018 10:20

Tgt Ion: 83 Resp: 644448

Ion Ratio Lower Upper

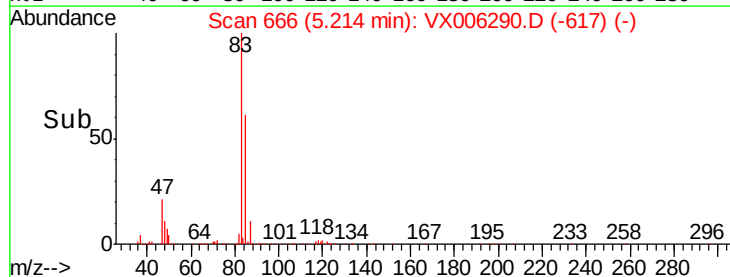
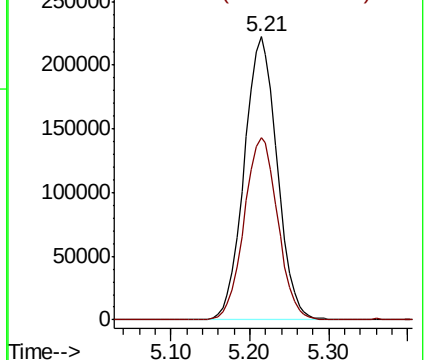
83 100

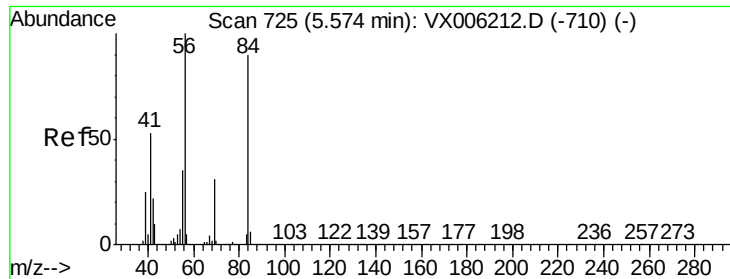
85 64.4 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

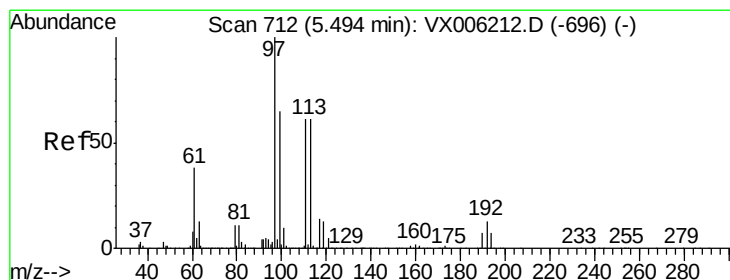
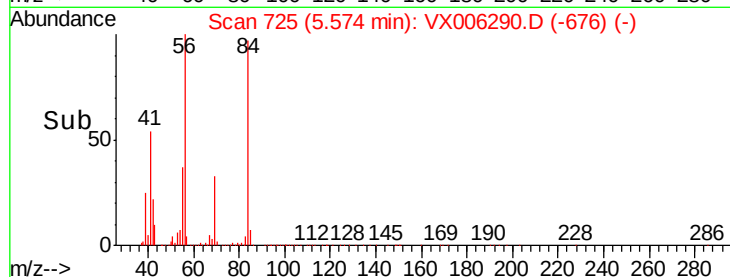
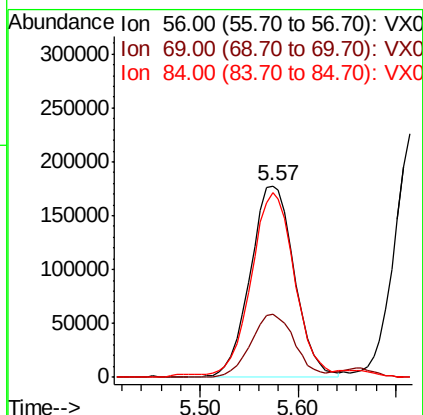
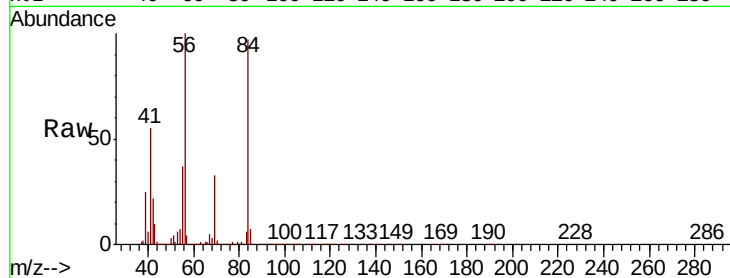




#31
Cyclohexane
Concen: 50.660 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

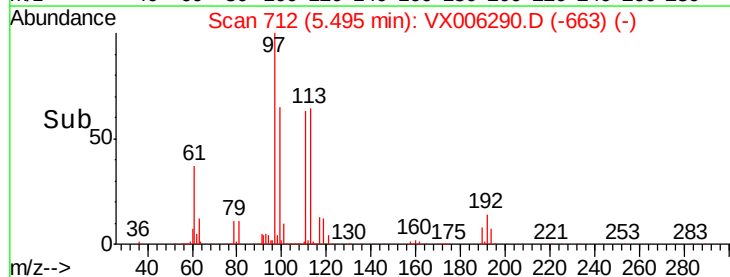
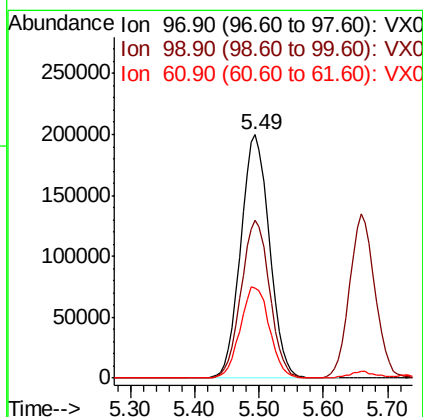
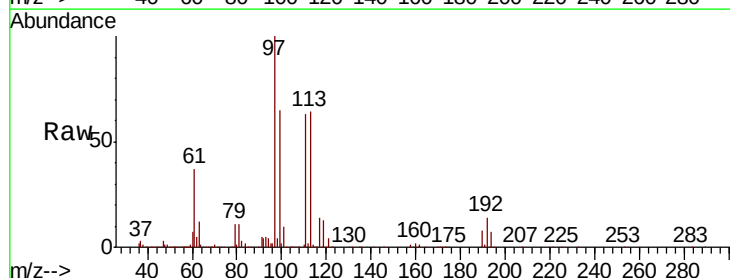
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

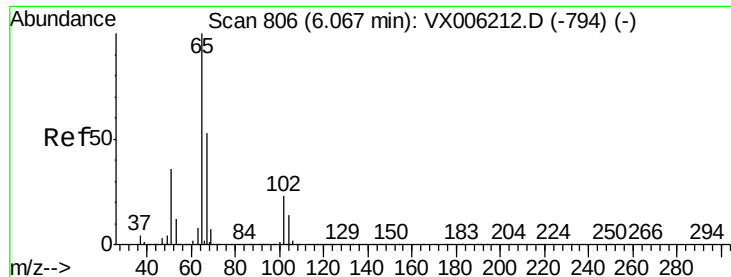
Tot Ion: 56 Resp: 555247
Ion Ratio Lower Upper
56 100
69 32.8 24.5 36.7
84 95.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.544 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 97 Resp: 611219
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 38.3 30.6 46.0

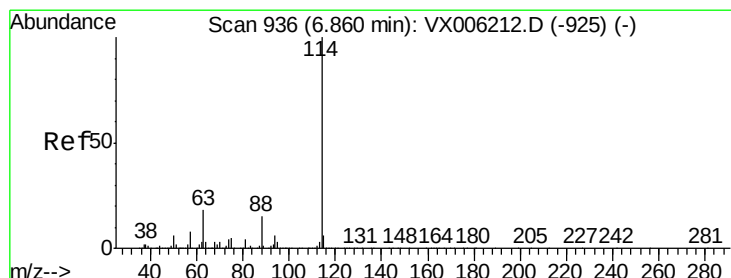
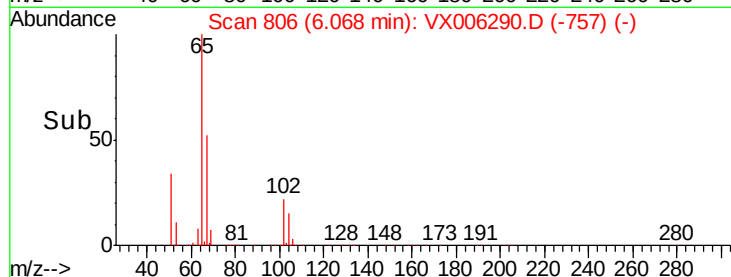
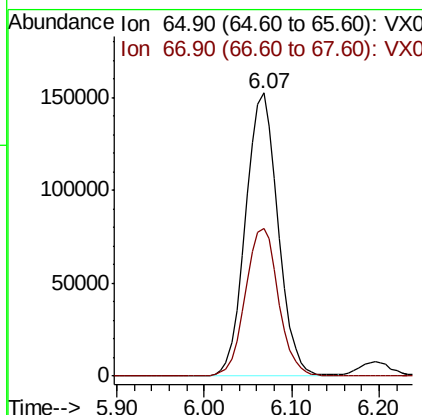
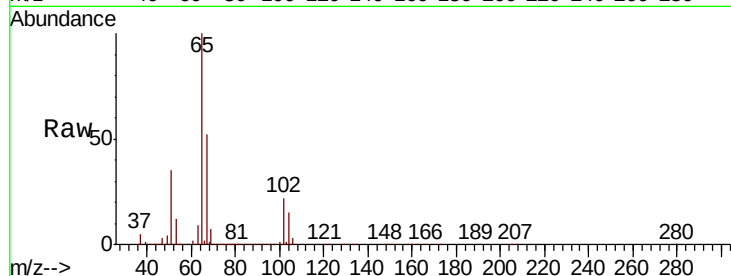




#33
 1,2-Dichloroethane-d4
 Concen: 51.881 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

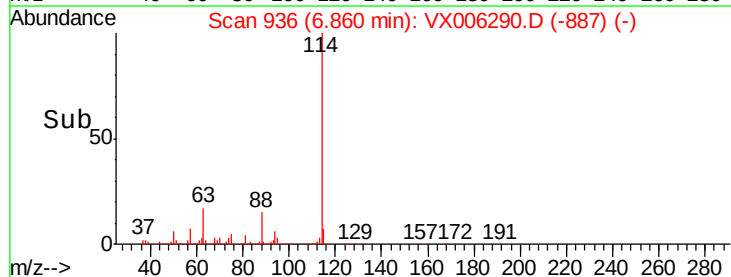
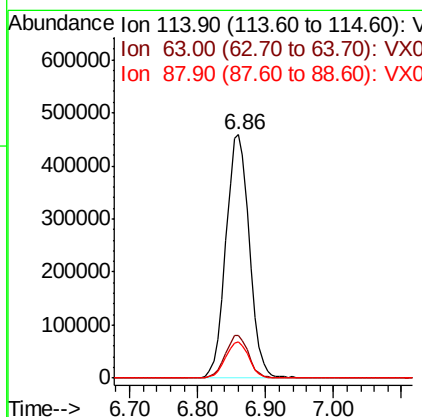
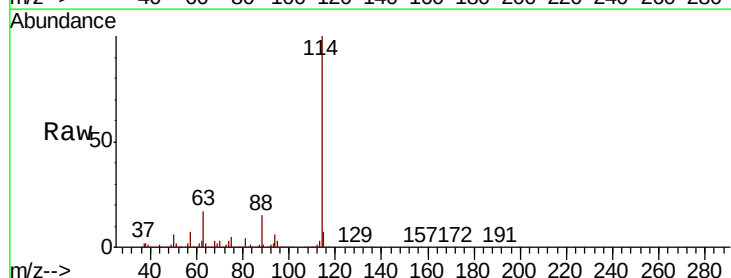
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

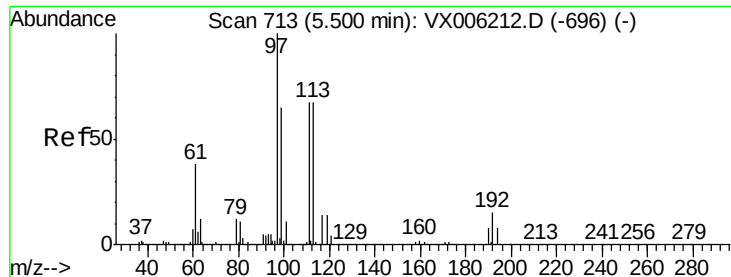
Tot Ion: 65 Resp: 393610
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion: 114 Resp: 1094324
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.473 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

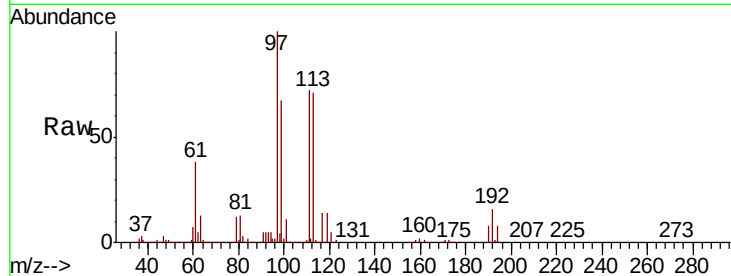
Tot Ion:113 Resp: 378874

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

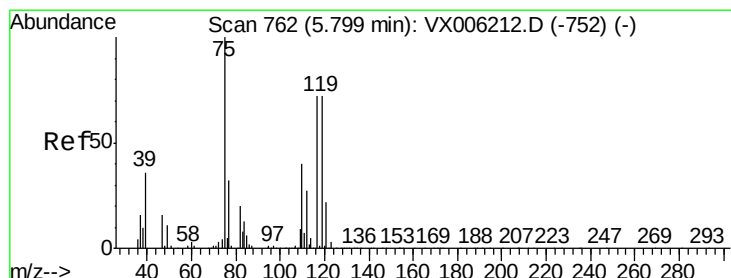
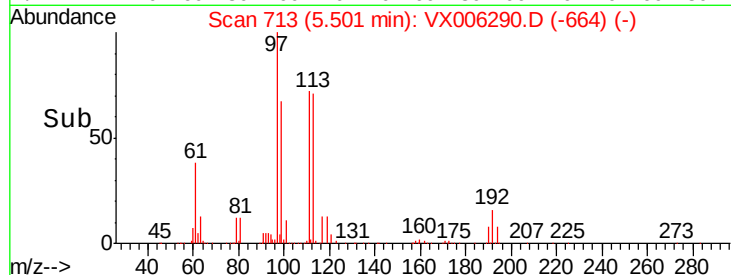
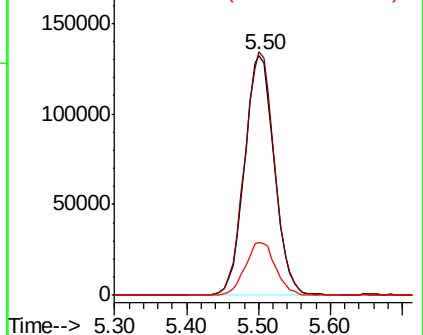
192 22.4 18.2 27.2



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: 52.708 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

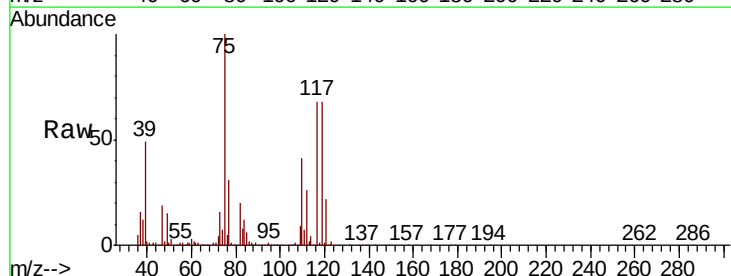
Tgt Ion: 75 Resp: 485724

Ion Ratio Lower Upper

75 100

110 40.3 20.4 61.3

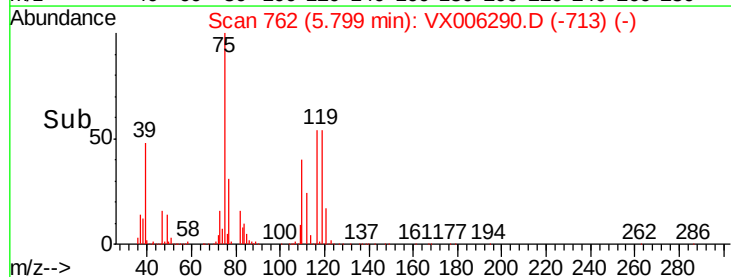
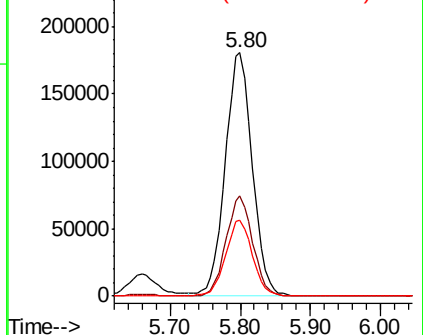
77 30.6 24.9 37.3

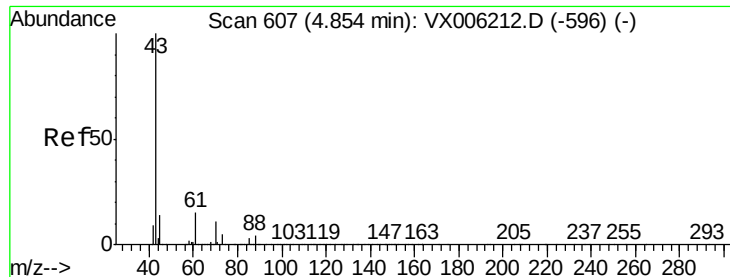


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

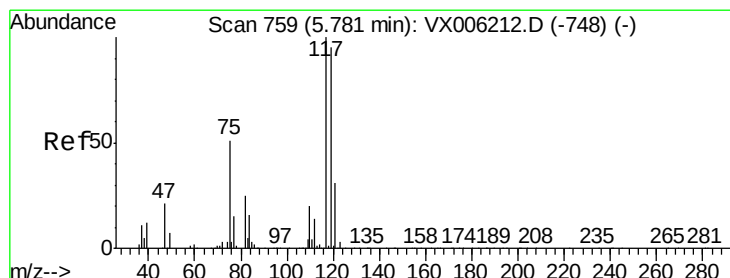
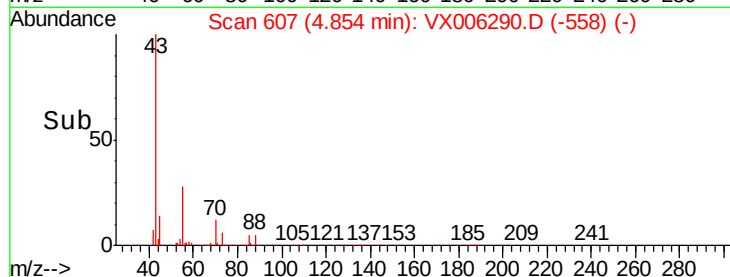
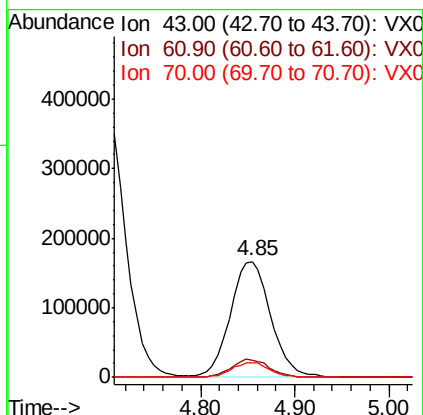
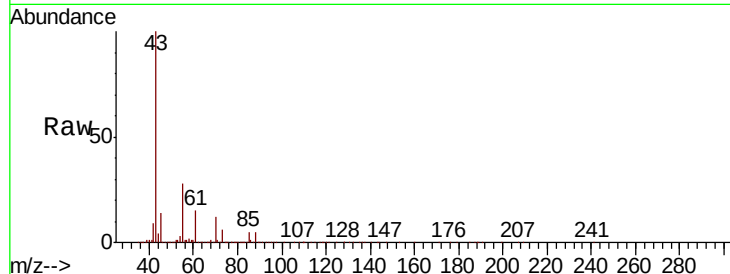




#37
Ethyl Acetate
Concen: 47.745 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

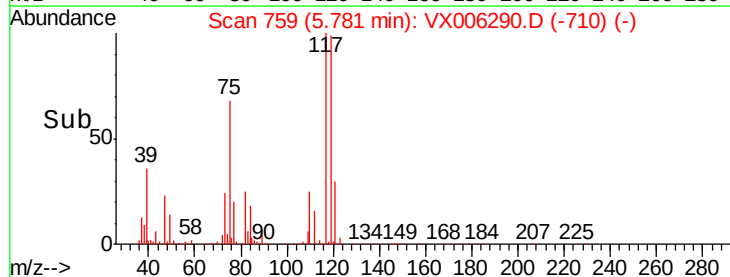
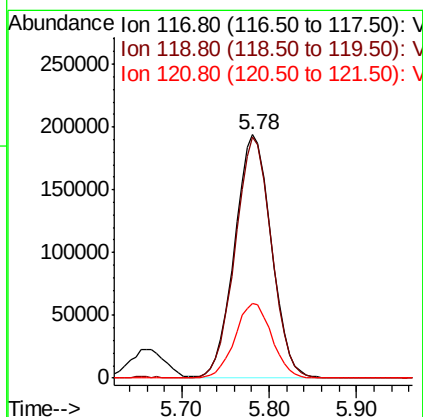
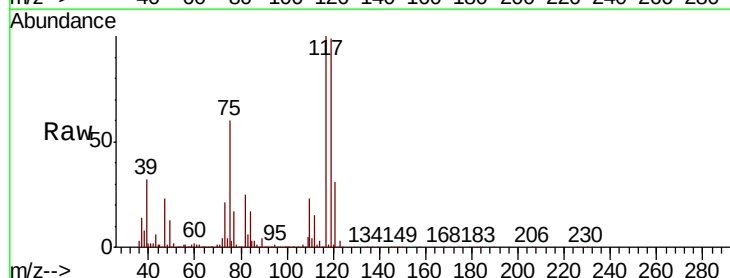
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

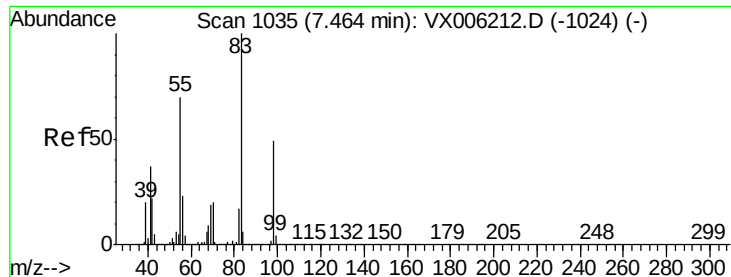
Tot Ion: 43 Resp: 492723
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.132 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 117 Resp: 565167
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.8
121 30.9 24.6 37.0

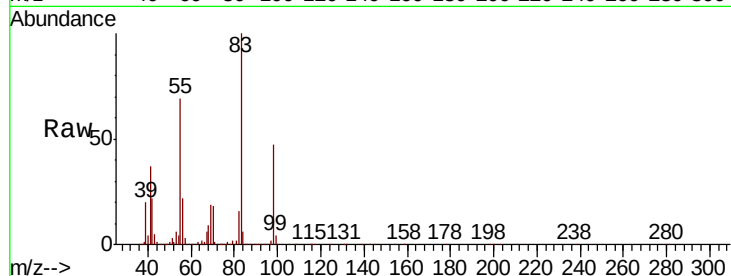




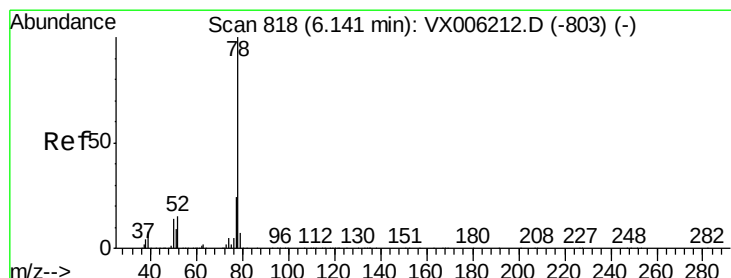
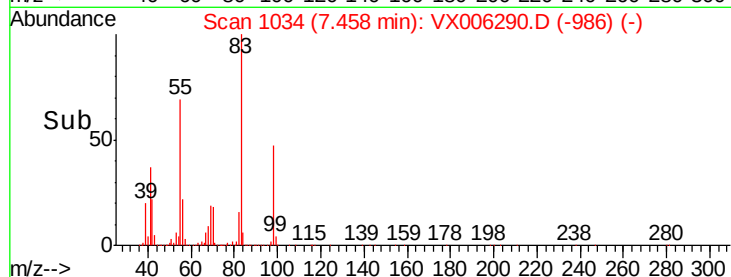
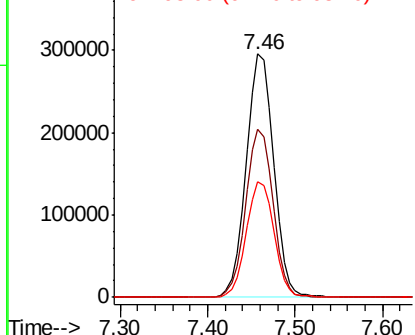
#39
Methylvlcyclohexane
Concen: 54.024 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	646230
Ion Ratio	100	Lower	Upper
55	68.9	56.4	84.6
98	47.3	39.0	58.6

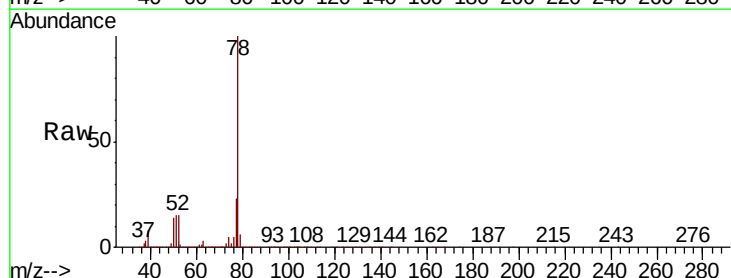


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

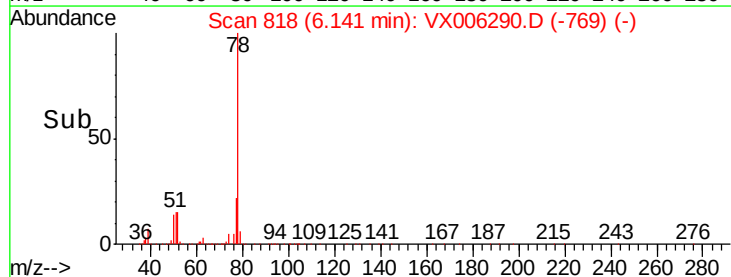
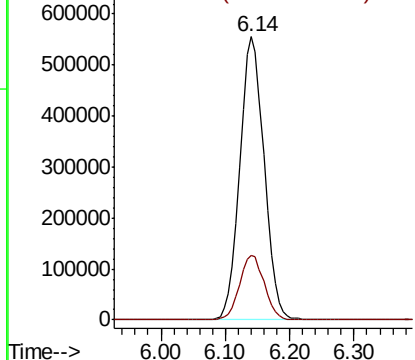


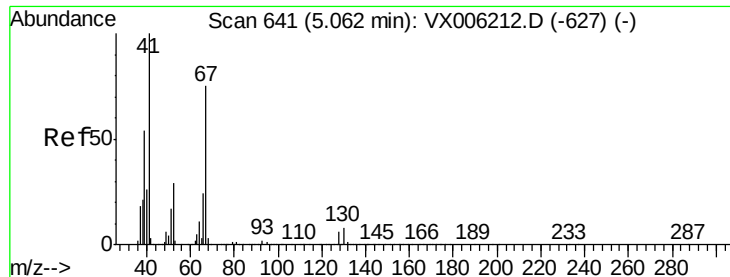
#40
Benzene
Concen: 52.224 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	78	Resp	1441406
Ion Ratio	100	Lower	Upper
77	22.6	19.2	28.8



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





#41

Methacrylonitrile

Concen: 48.264 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 274074

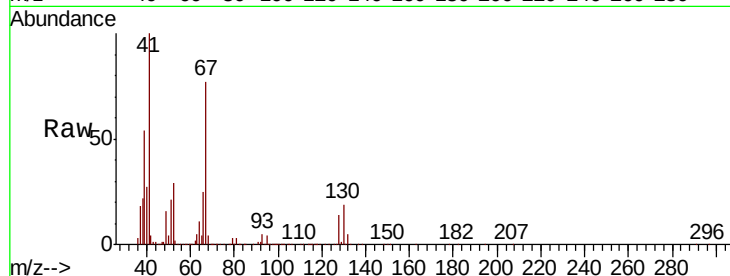
Ion Ratio Lower Upper

41 100

39 54.7 44.0 66.0

67 76.8 61.4 92.0

52 28.9 23.5 35.3

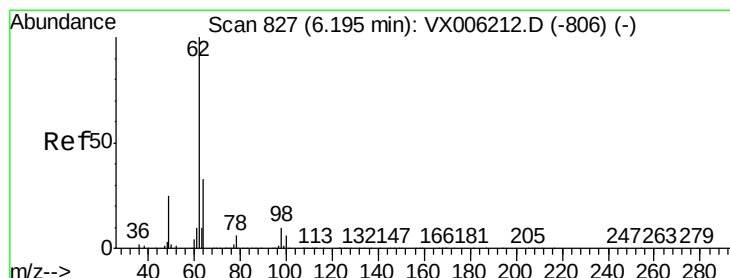
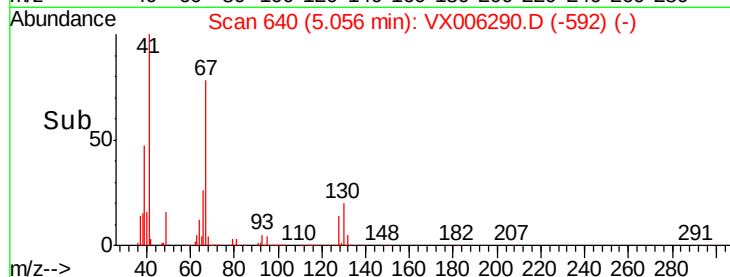
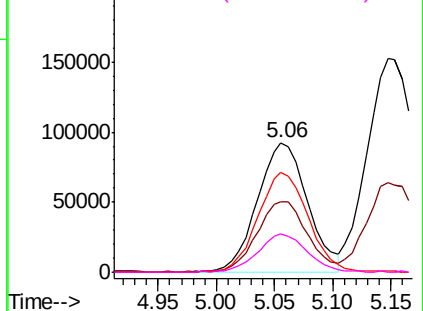


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.190 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006290.D

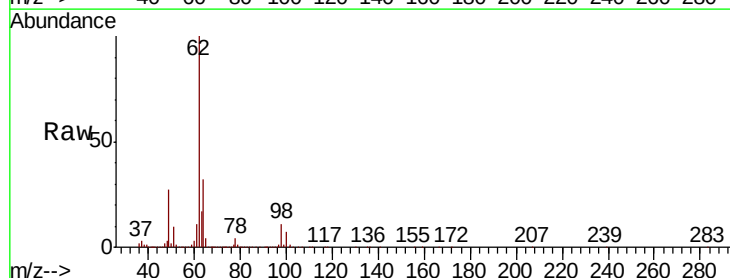
Acq: 05 Dec 2018 10:20

Tgt Ion: 62 Resp: 471446

Ion Ratio Lower Upper

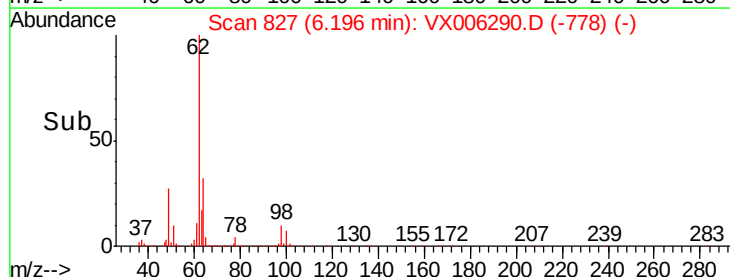
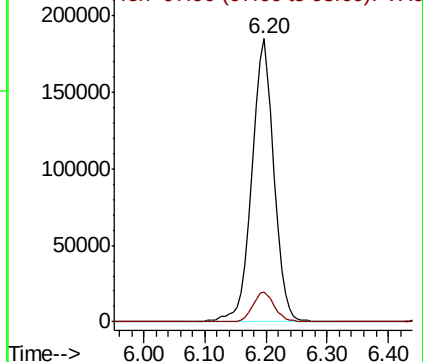
62 100

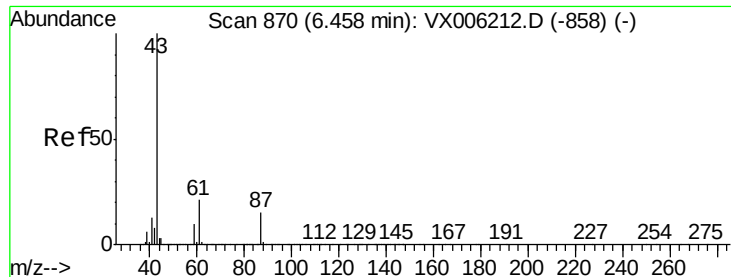
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.498 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

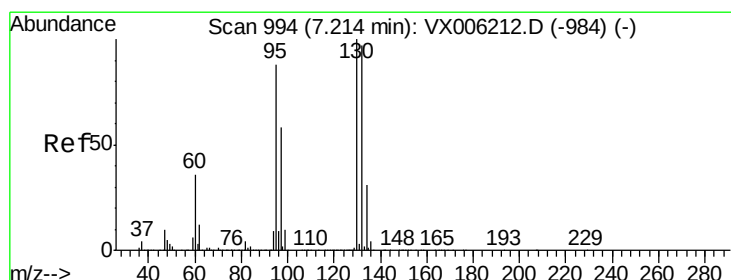
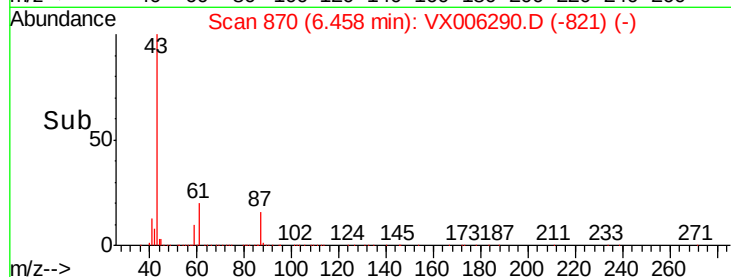
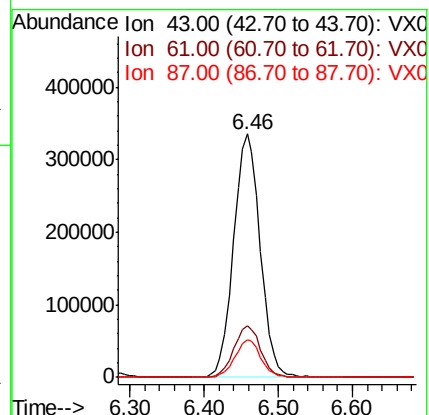
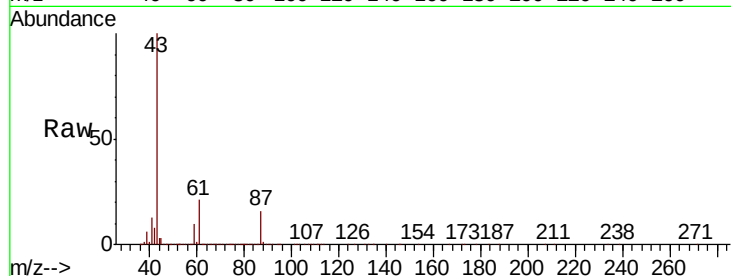
Tot Ion: 43 Resp: 834469

Ion Ratio Lower Upper

43 100

61 21.4 16.8 25.2

87 15.2 11.9 17.9



#44

Trichloroethene

Concen: 52.730 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006290.D

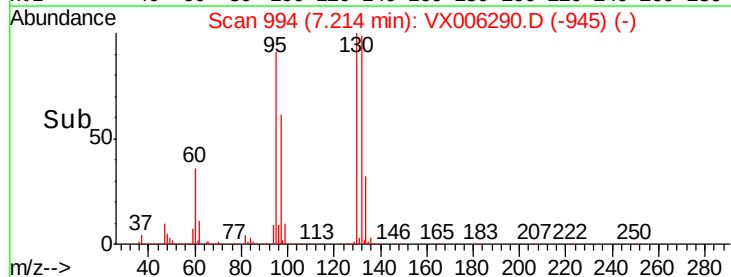
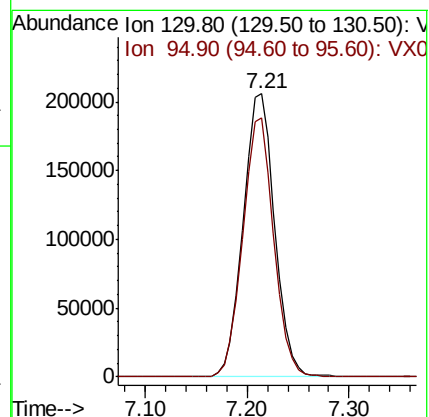
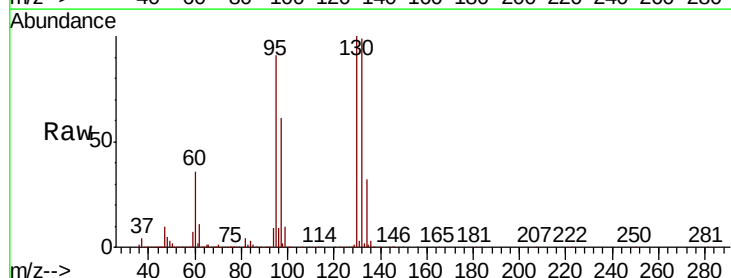
Acq: 05 Dec 2018 10:20

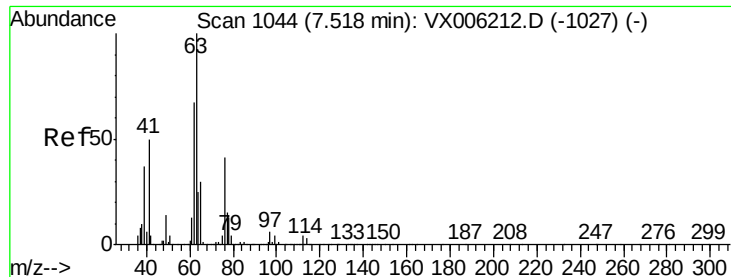
Tgt Ion:130 Resp: 440896

Ion Ratio Lower Upper

130 100

95 91.4 0.0 175.8





#45

1,2-Dichloropropane

Concen: 51.032 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

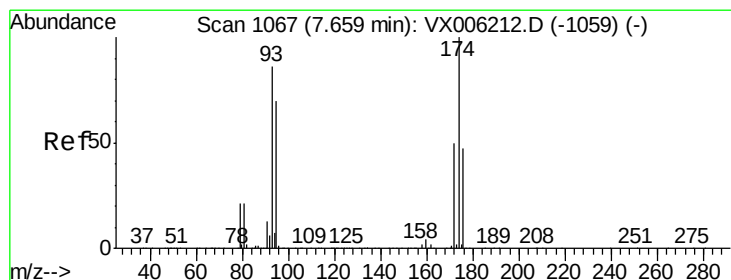
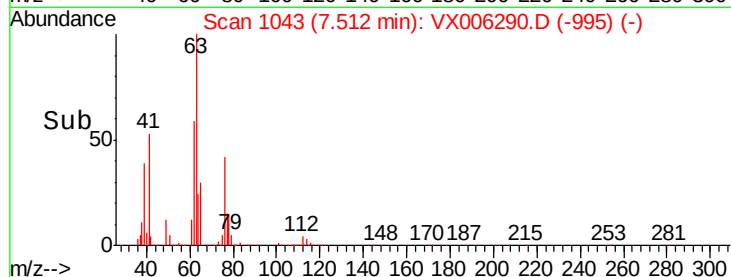
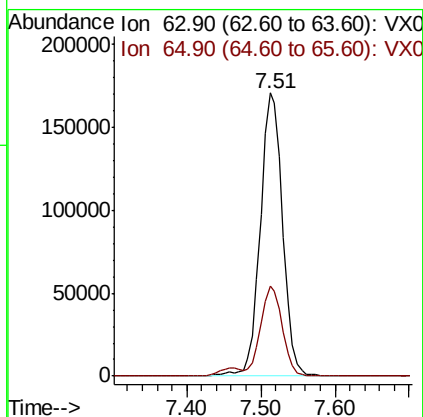
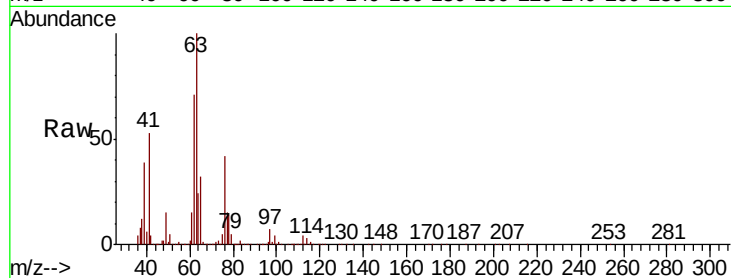
VSTDCCC050

Tot Ion: 63 Resp: 357979

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



#46

Dibromomethane

Concen: 51.923 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

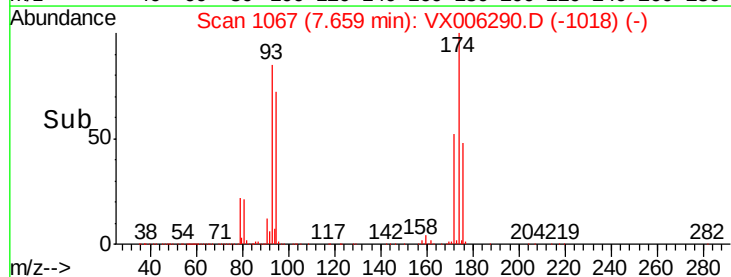
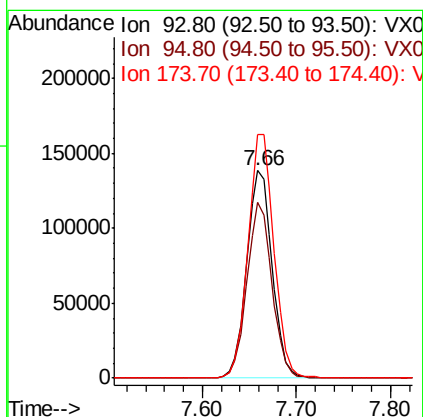
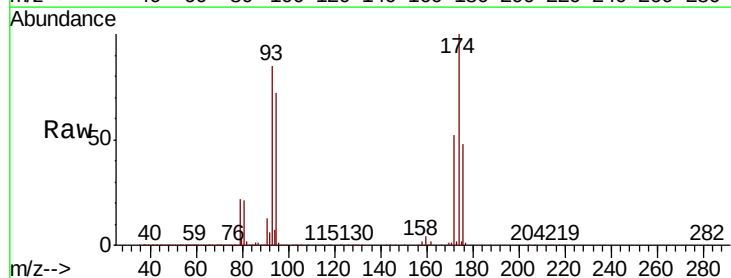
Tgt Ion: 93 Resp: 263055

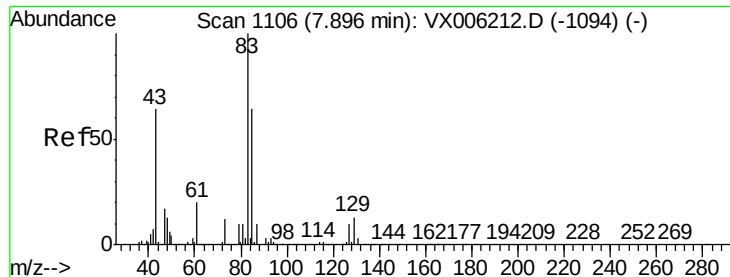
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 119.9 97.2 145.8





#47

Bromodichloromethane

Concen: 52.734 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

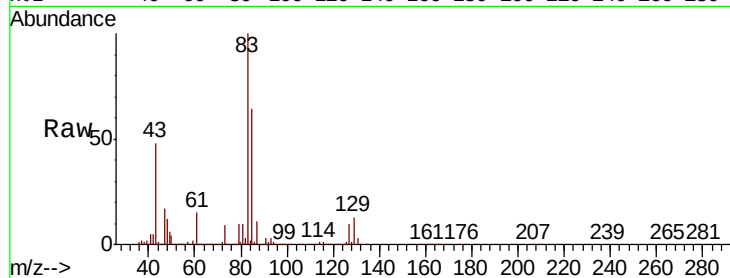
Tot Ion: 83 Resp: 517373

Ion Ratio Lower Upper

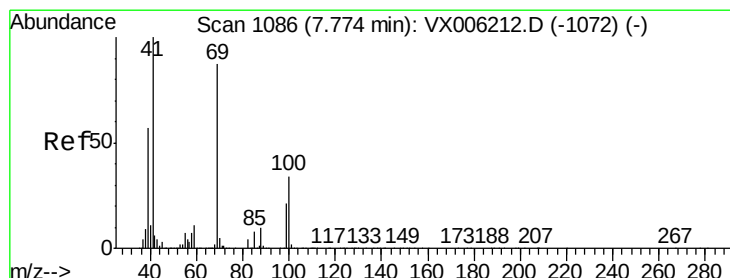
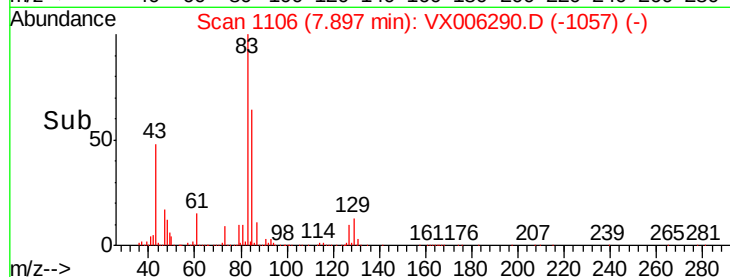
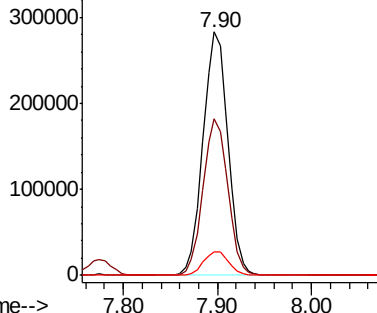
83 100

85 64.3 51.4 77.0

127 9.7 7.9 11.9



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: 48.599 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

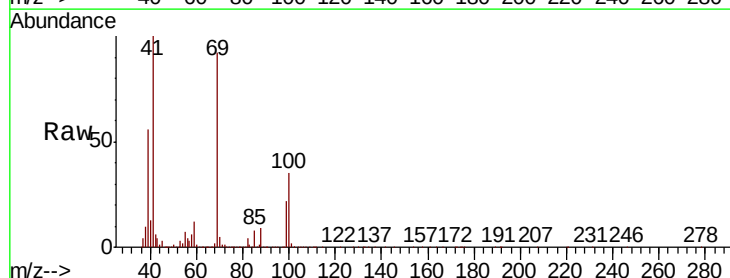
Tgt Ion: 41 Resp: 406810

Ion Ratio Lower Upper

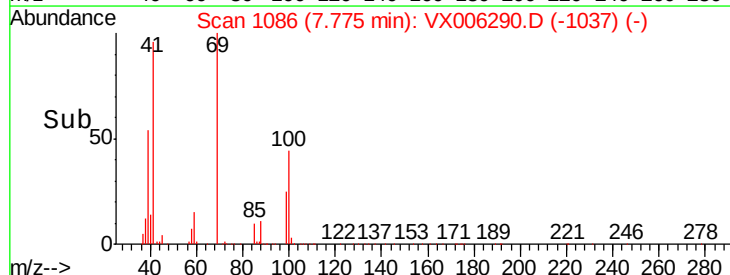
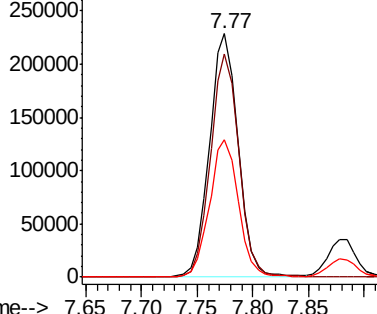
41 100

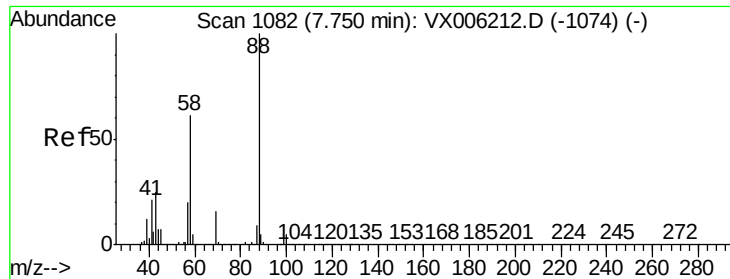
69 91.4 70.3 105.5

39 56.7 45.3 67.9



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

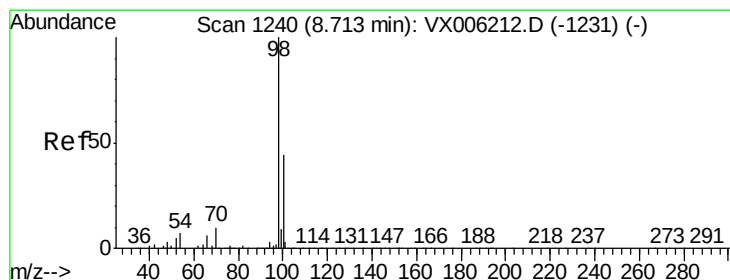
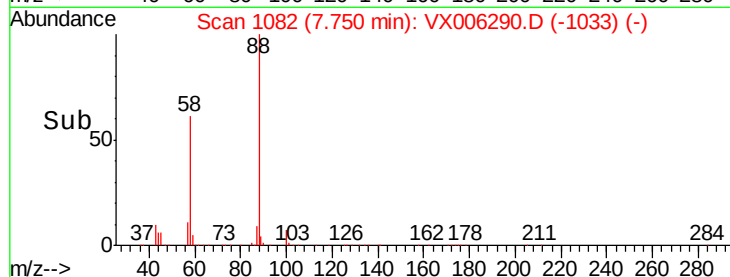
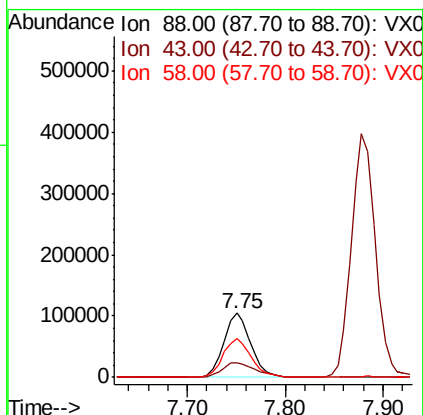
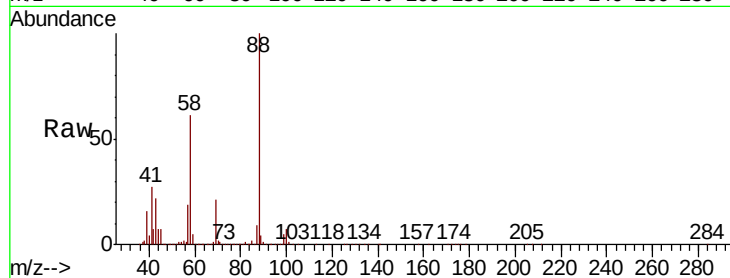




#49
1,4-Dioxane
Concen: 968.789 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

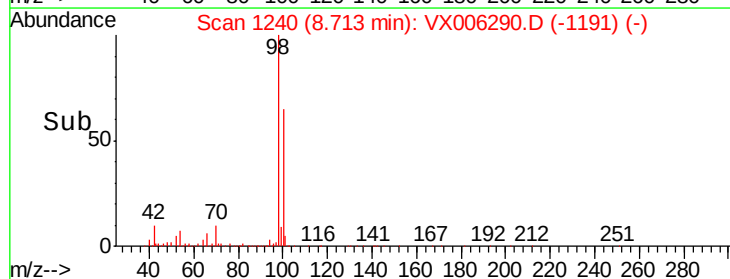
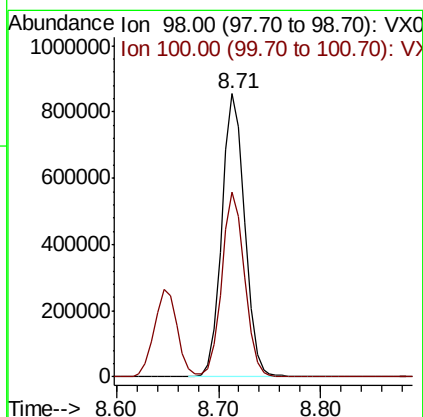
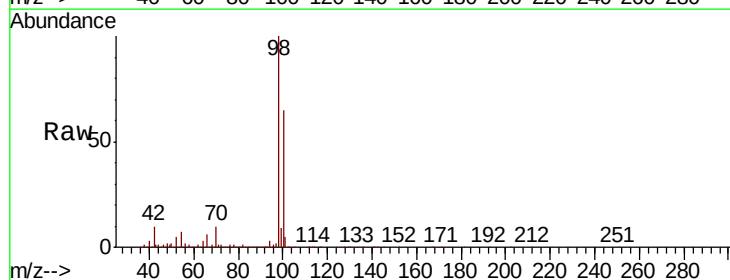
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

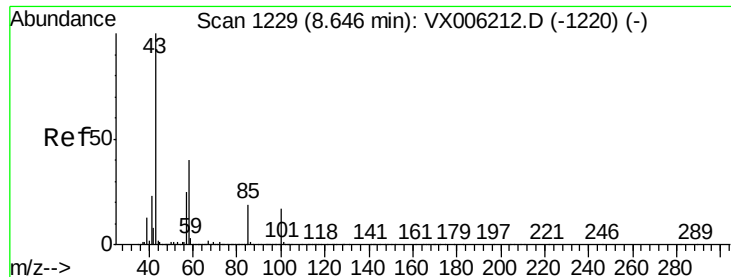
Tot Ion	88	Resp	199869
Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	63.1	51.4	77.0



#50
Toluene-d8
Concen: 51.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	98	Resp	1334437
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 240.375 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

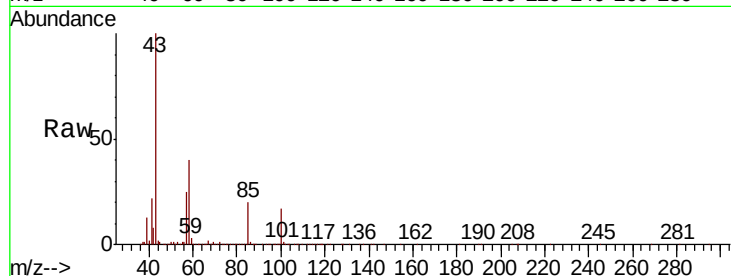
VSTDCCC050

Tot Ion: 43 Resp: 2407733

Ion Ratio Lower Upper

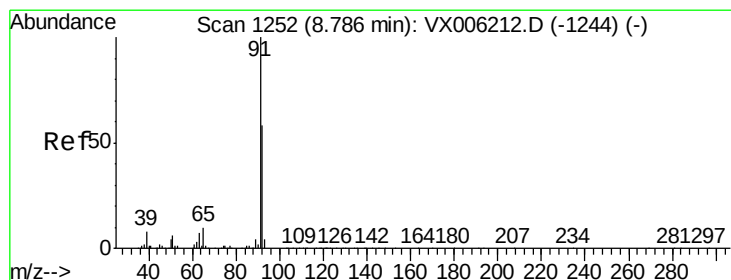
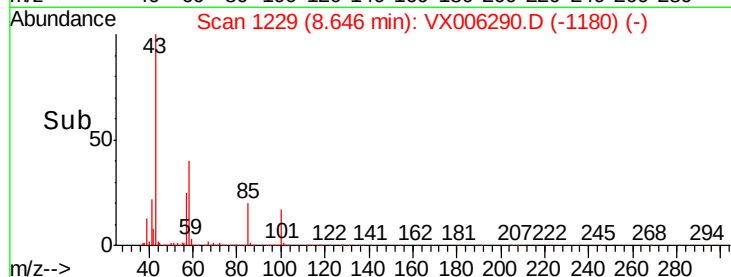
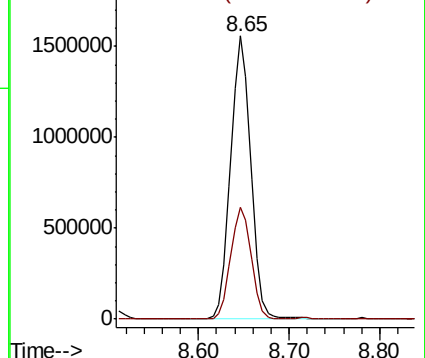
43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.152 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006290.D

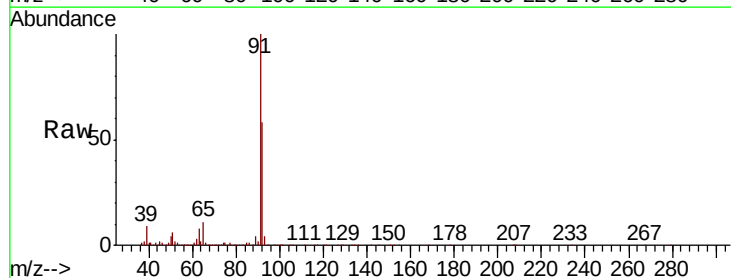
Acq: 05 Dec 2018 10:20

Tgt Ion: 92 Resp: 928831

Ion Ratio Lower Upper

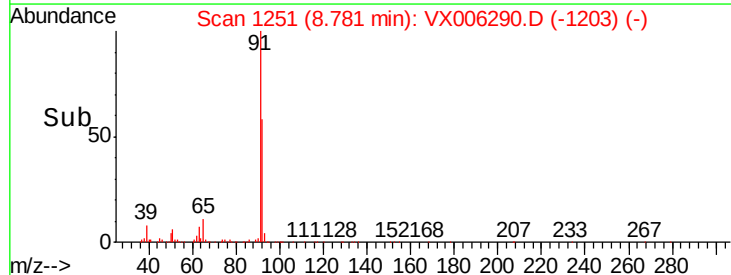
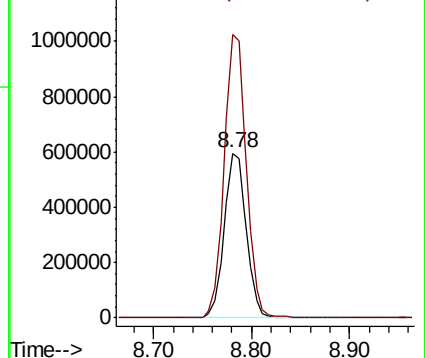
92 100

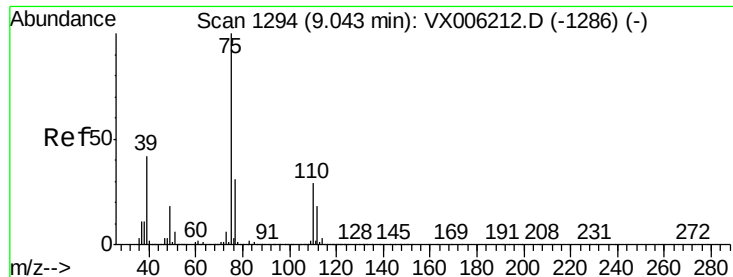
91 173.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.281 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

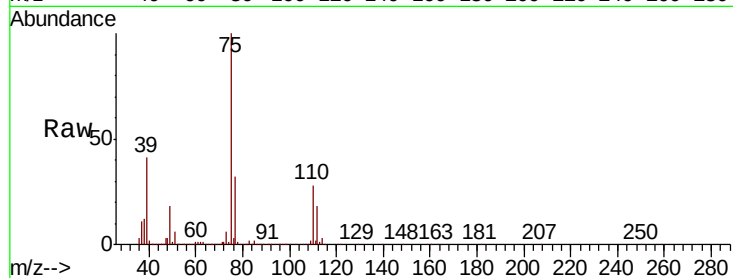
VSTDCCC050

Tot Ion: 75 Resp: 576921

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

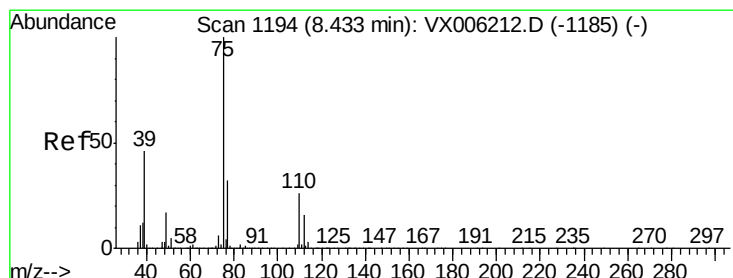
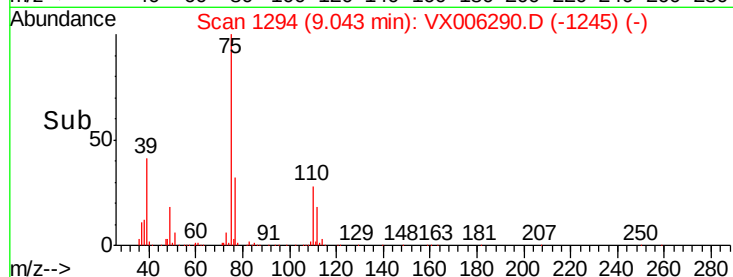
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.225 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

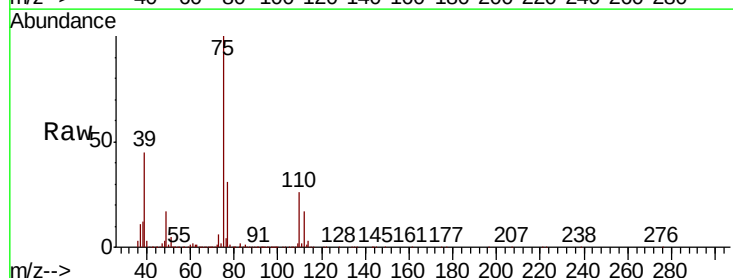
Tgt Ion: 75 Resp: 610312

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 45.3 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

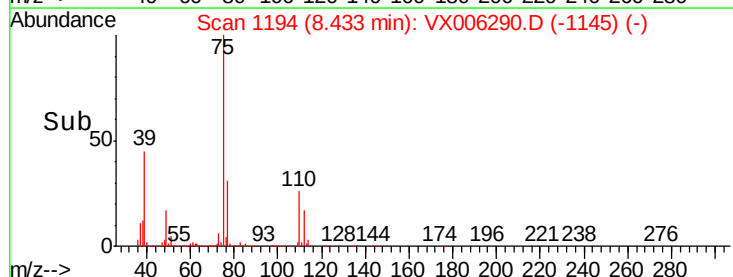
300000

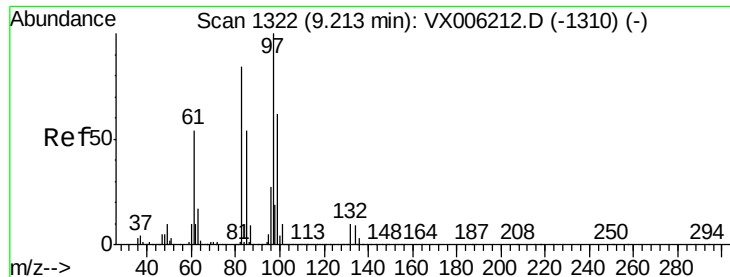
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.957 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 383287

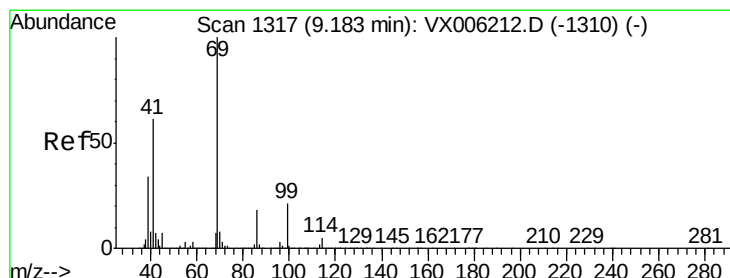
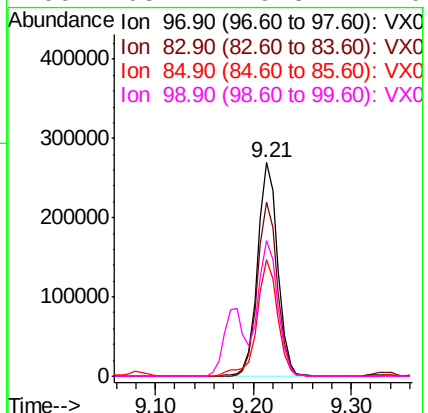
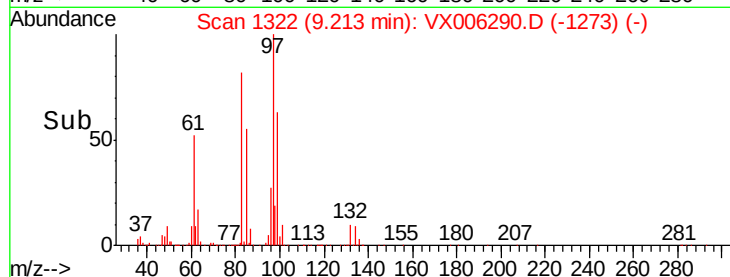
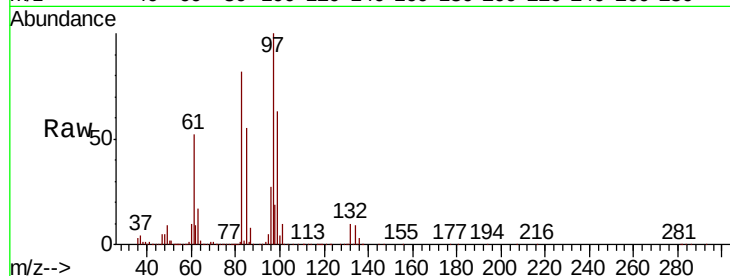
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.1	100.7
85	54.5	43.2	64.8
99	63.4	49.8	74.6

97 100

83 81.6 67.1 100.7

85 54.5 43.2 64.8

99 63.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 49.911 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

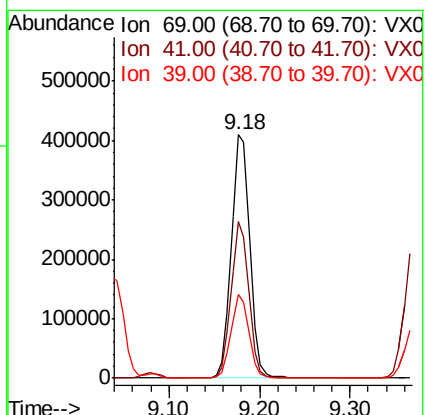
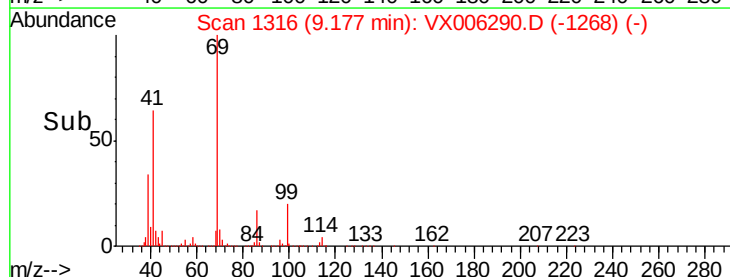
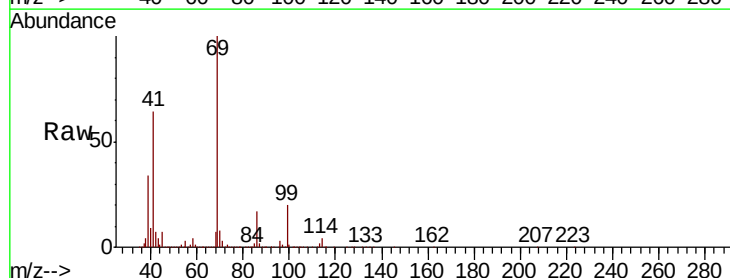
Tgt Ion: 69 Resp: 575605

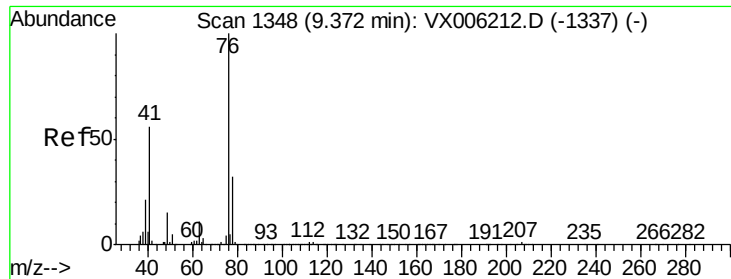
Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	33.5	27.6	41.4

69 100

41 61.6 50.6 76.0

39 33.5 27.6 41.4

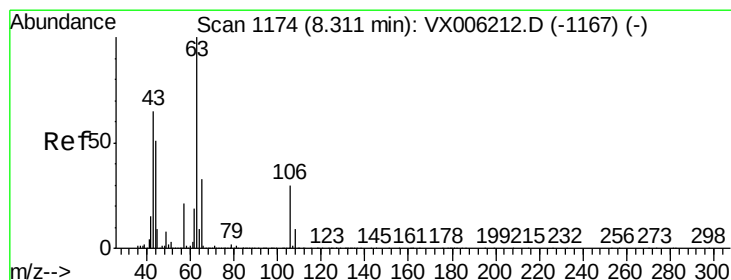
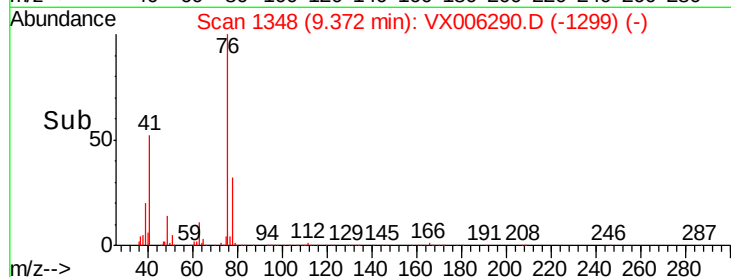
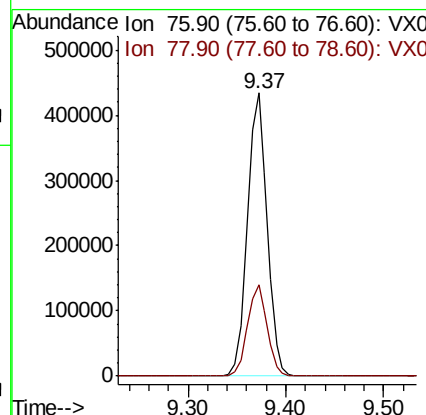
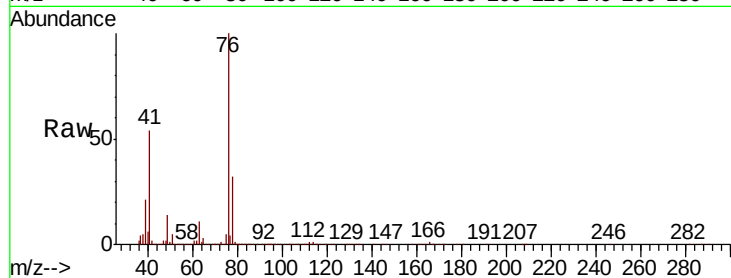




#57
 1,3-Dichloropropane
 Concen: 51.760 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

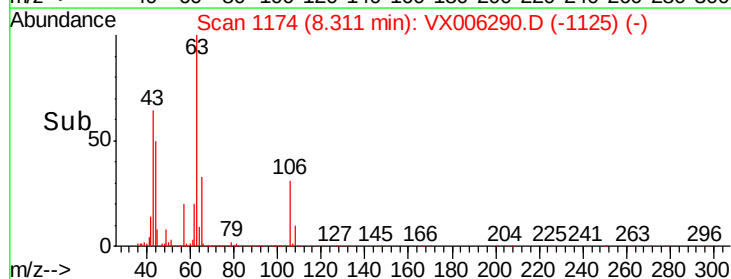
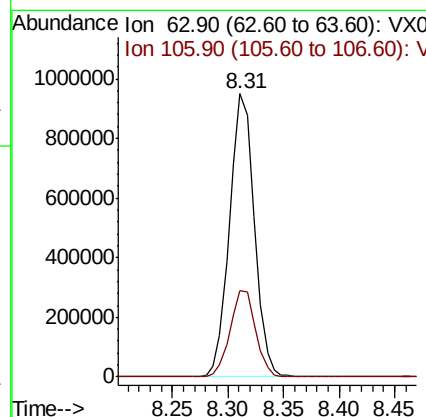
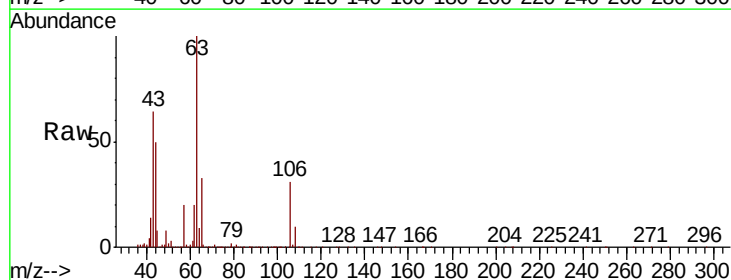
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

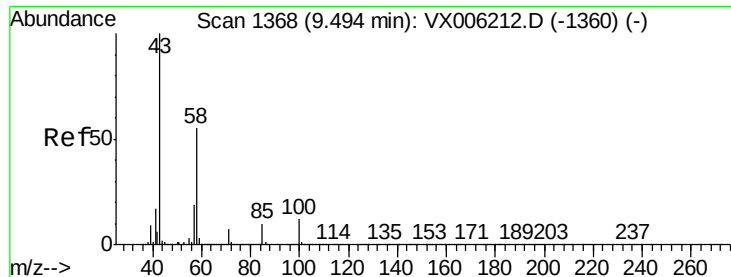
Tot Ion: 76 Resp: 603792
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.551 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion: 63 Resp: 1466282
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.9 37.3

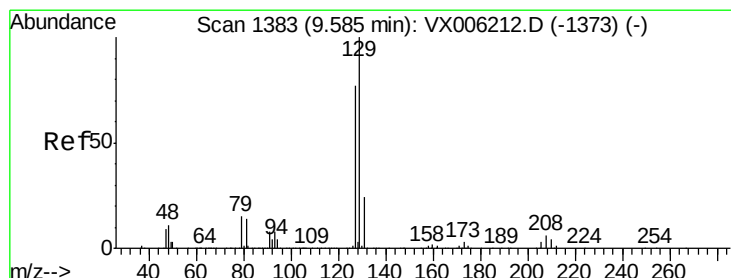
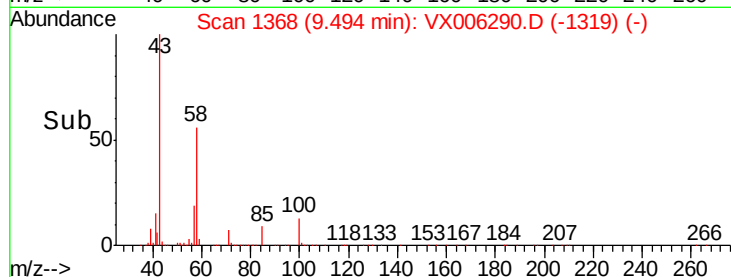
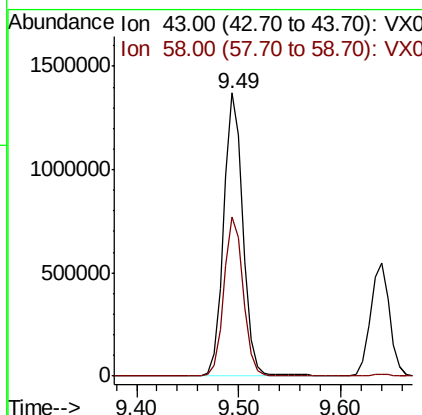
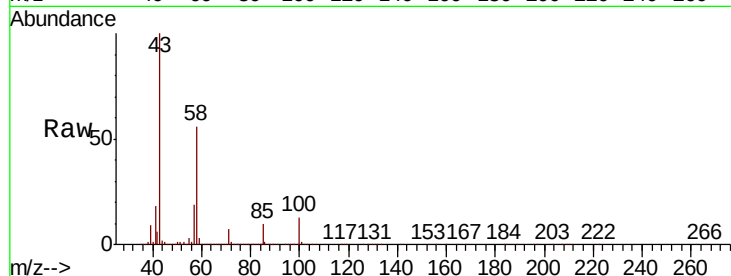




#59
2-Hexanone
Concen: 234.040 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

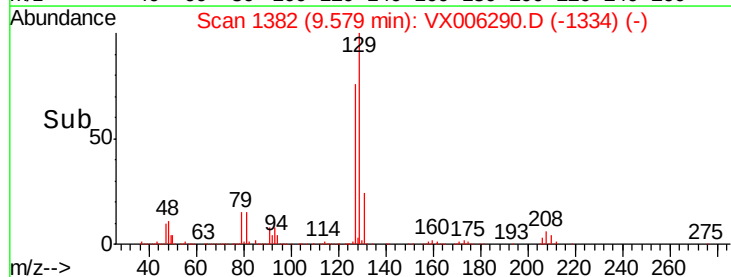
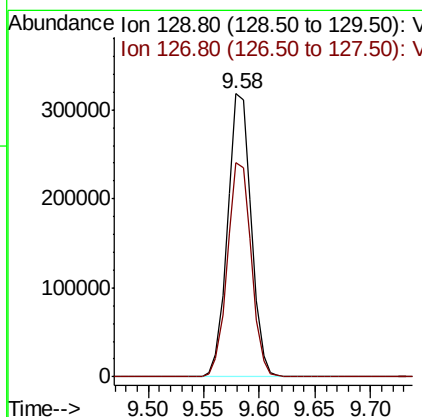
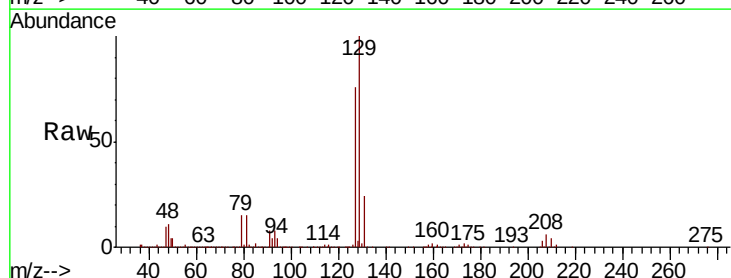
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

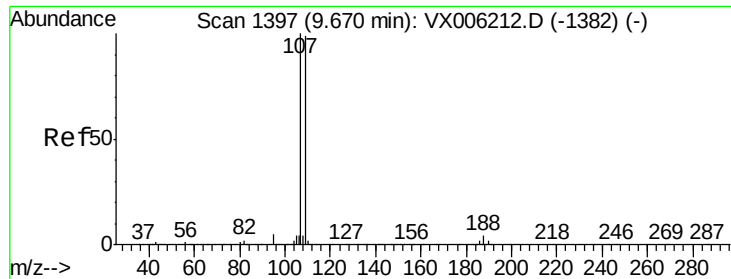
Tot Ion: 43 Resp: 1791039
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion:129 Resp: 465562
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8

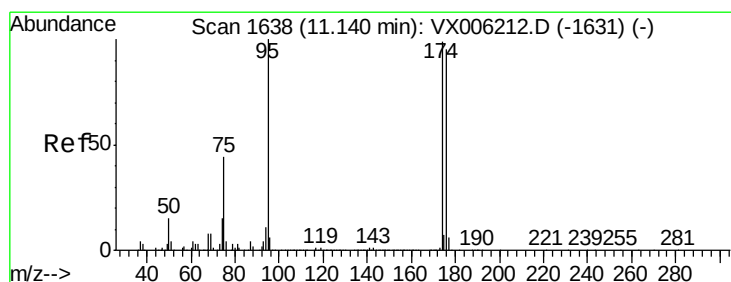
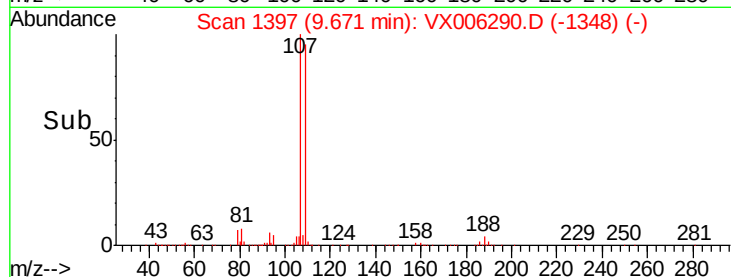
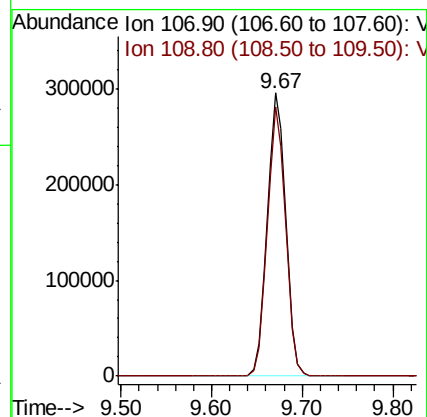
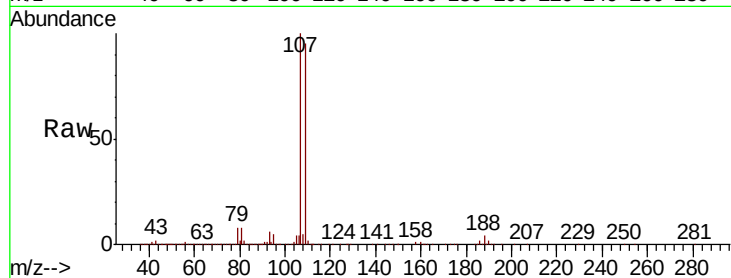




#61
 1,2-Dibromoethane
 Concen: 50.712 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

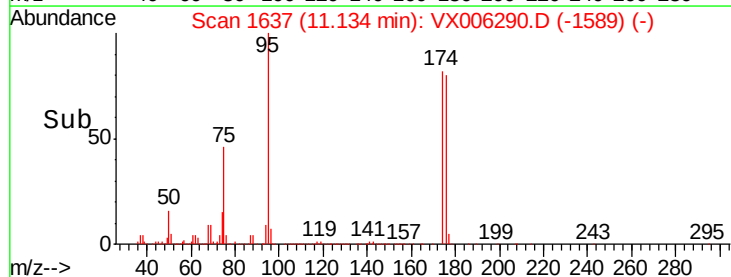
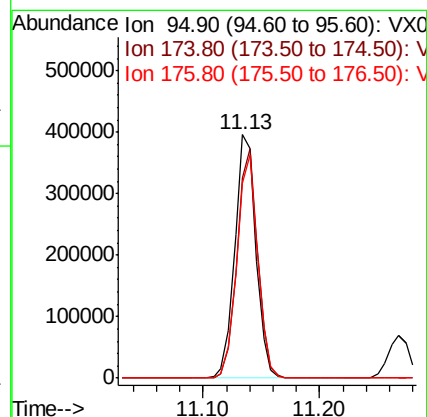
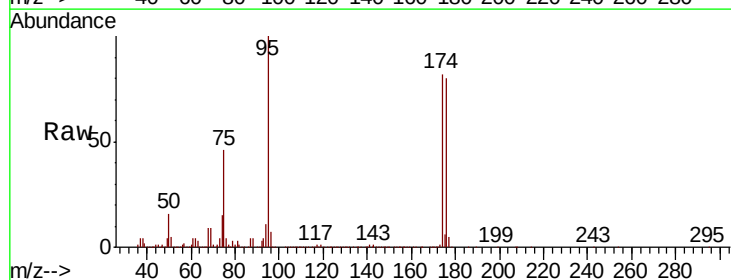
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

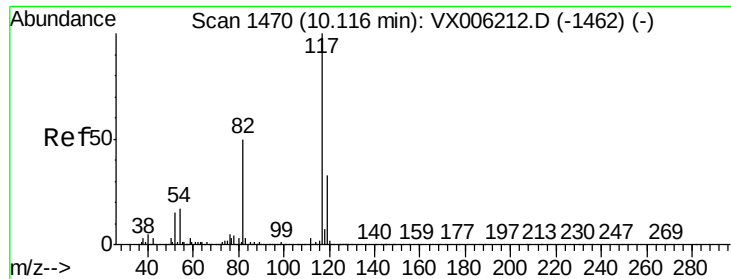
Tot Ion:107 Resp: 418305
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.698 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion: 95 Resp: 502076
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 187.0
 176 90.1 0.0 181.8

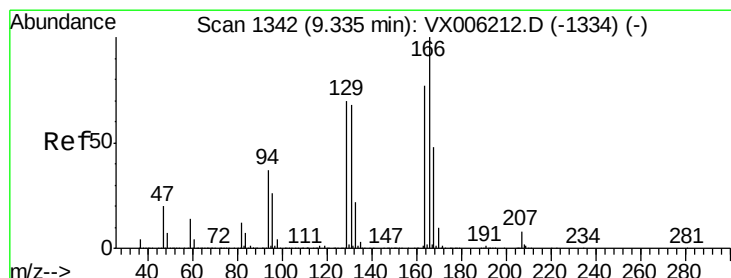
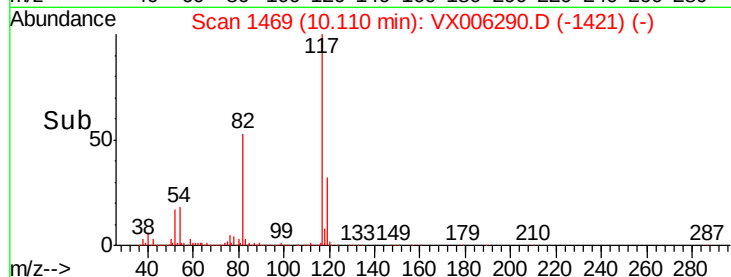
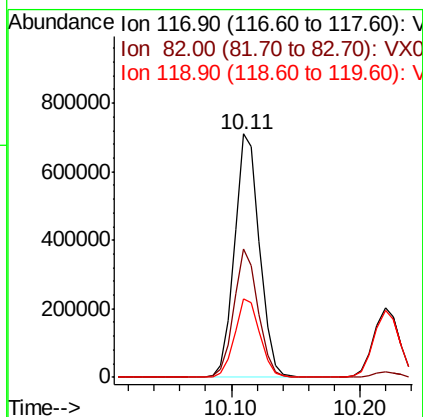
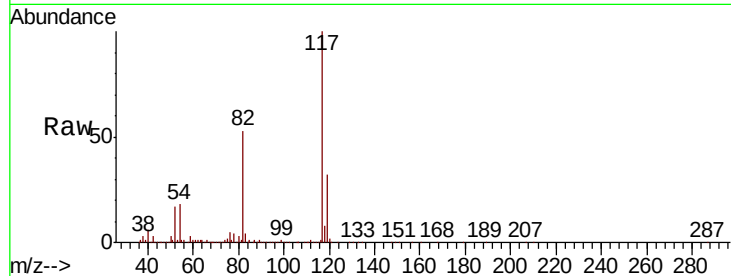




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

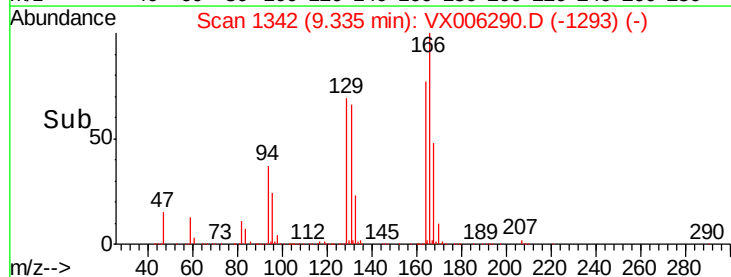
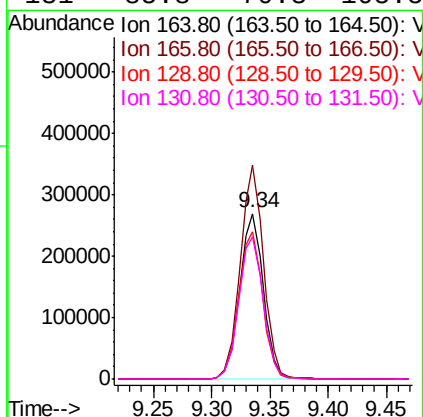
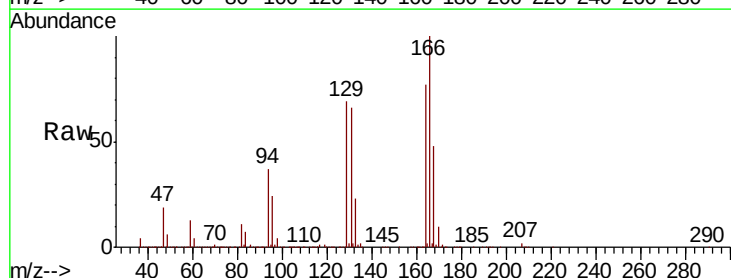
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

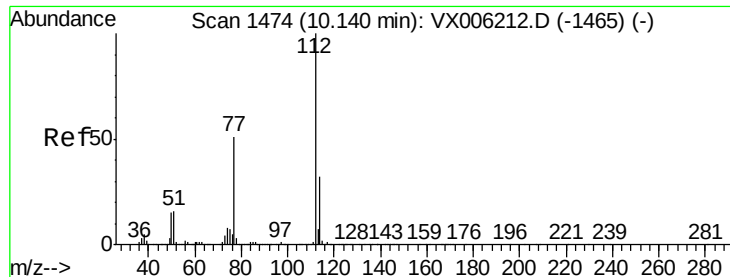
Tot Ion:117 Resp: 960487
Ion Ratio Lower Upper
117 100
82 52.7 39.6 59.4
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 52.774 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion:164 Resp: 381730
Ion Ratio Lower Upper
164 100
166 129.4 104.2 156.2
129 89.0 72.6 108.8
131 85.8 70.3 105.5

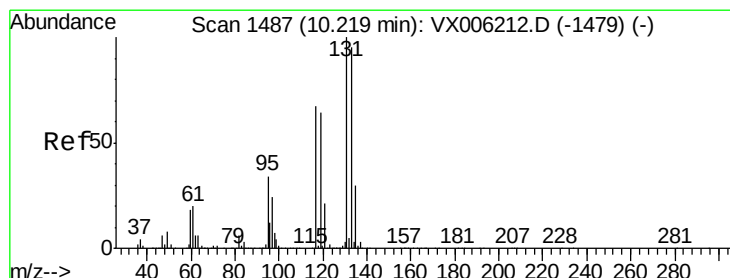
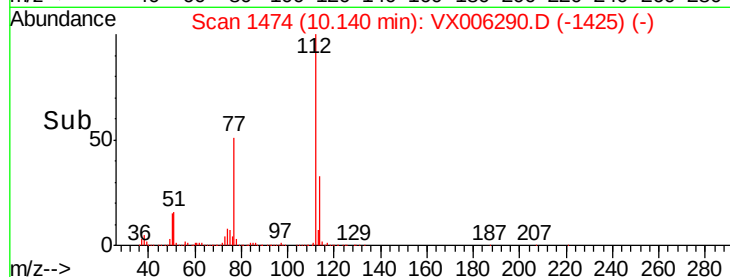
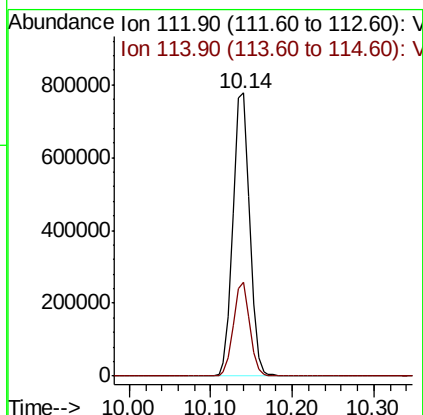
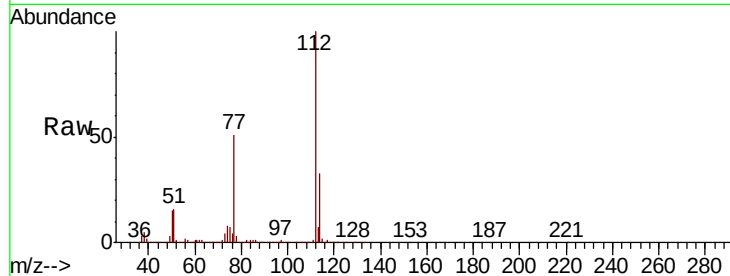




#65
Chlorobenzene
Concen: 53.311 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

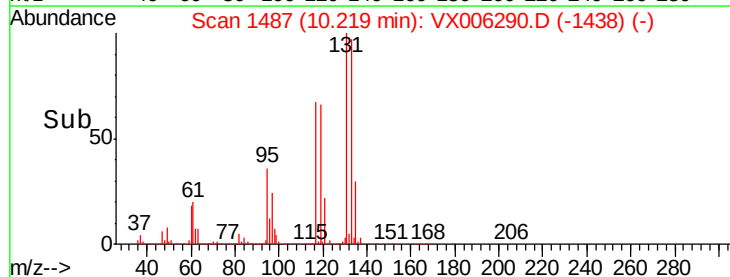
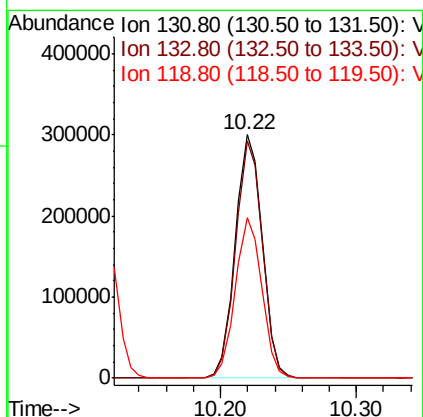
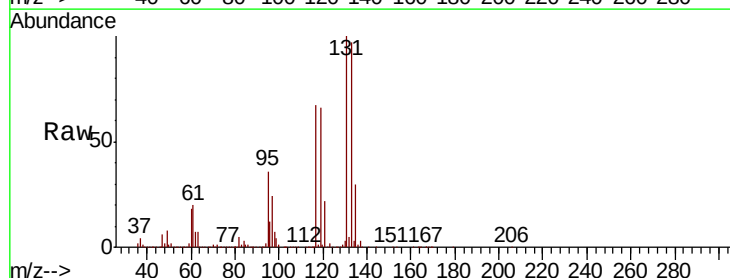
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

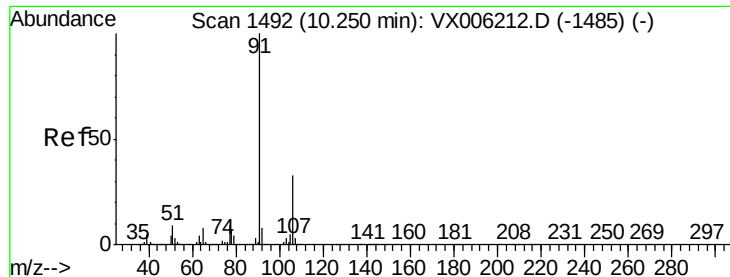
Tot Ion:112 Resp: 1086953
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.279 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion:131 Resp: 414147
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.4
119 64.8 32.1 96.3





#67

Ethyl Benzene

Concen: 53.298 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

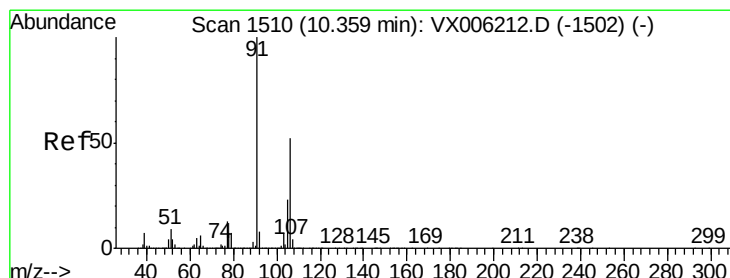
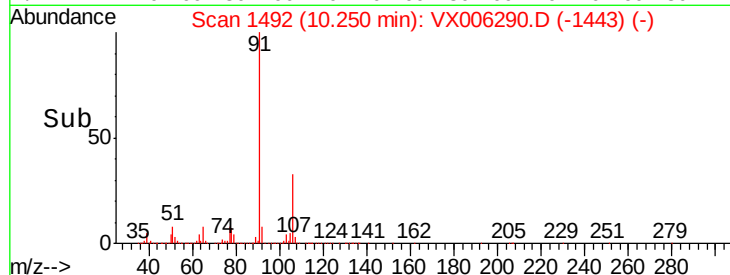
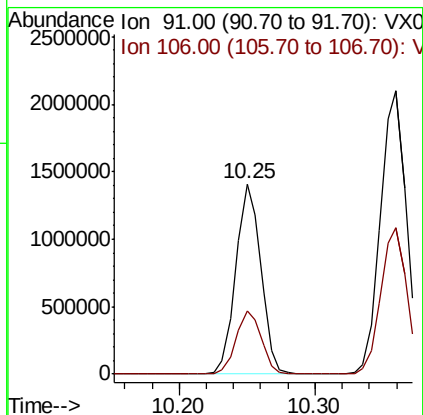
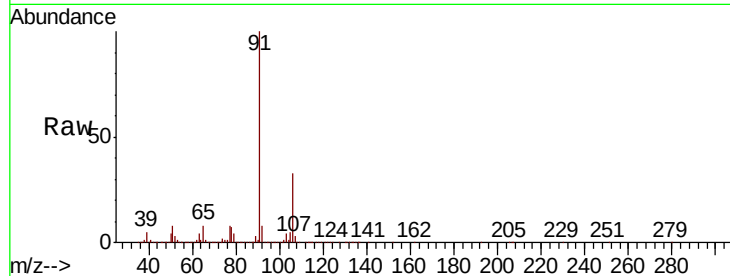
VSTDCCC050

Tot Ion: 91 Resp: 1807383

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7



#68

m/p-Xylenes

Concen: 106.355 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006290.D

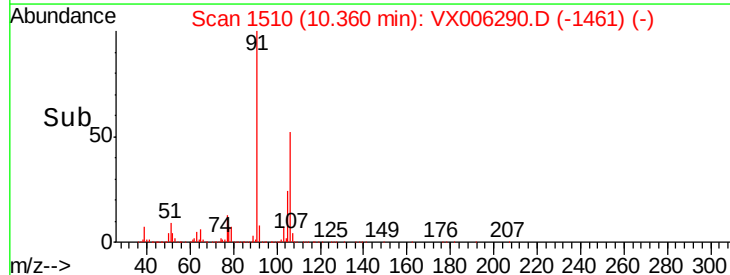
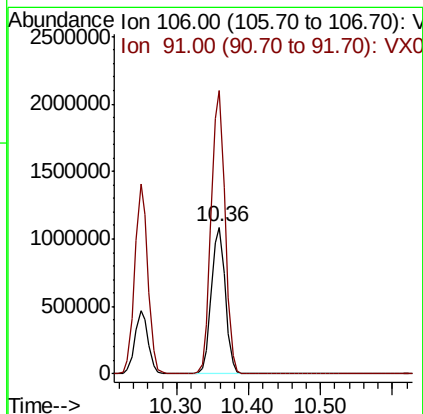
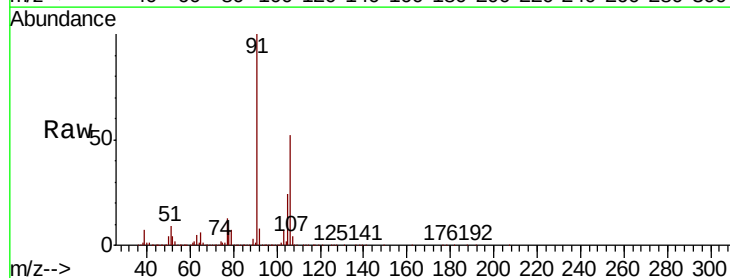
Acq: 05 Dec 2018 10:20

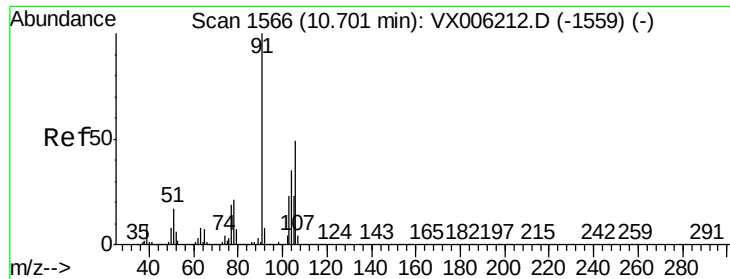
Tgt Ion: 106 Resp: 1444695

Ion Ratio Lower Upper

106 100

91 193.1 155.2 232.8

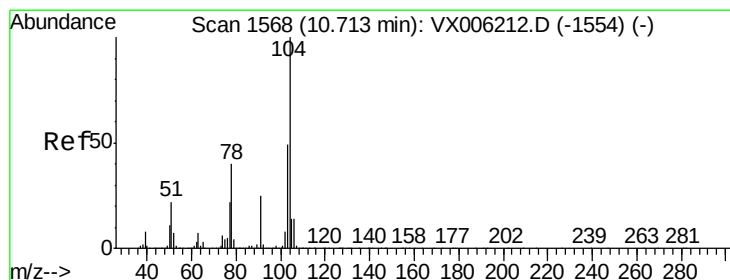
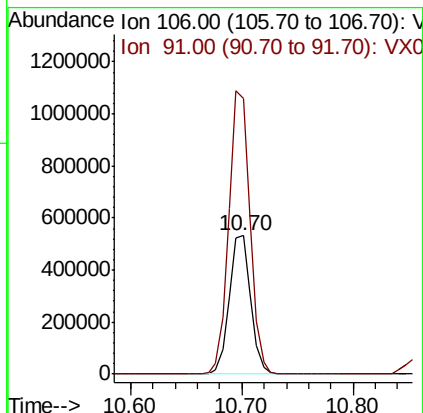
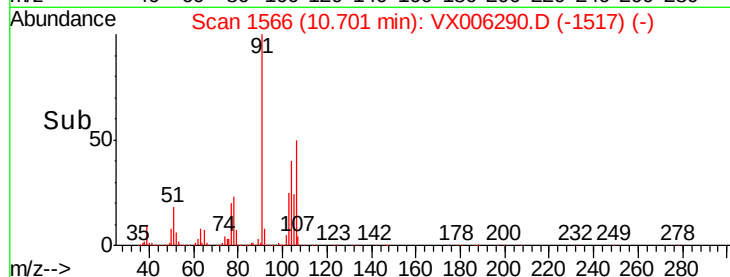
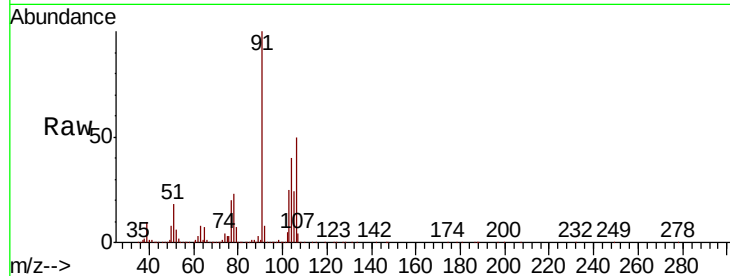




#69
o-Xylene
Concen: 52.550 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

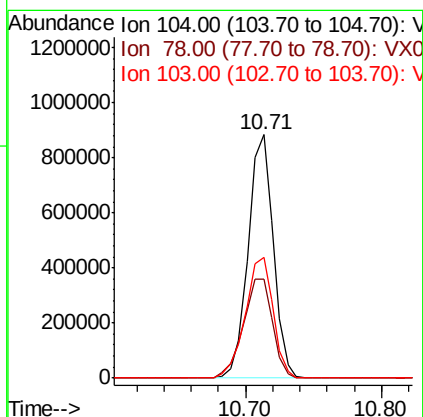
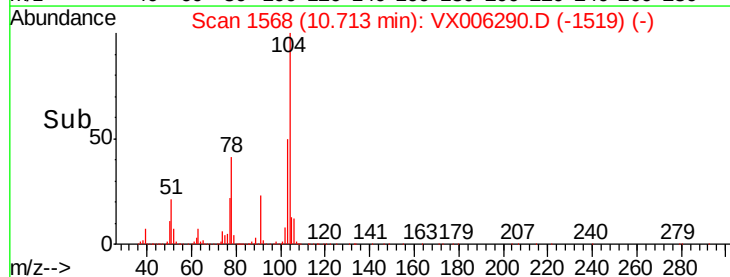
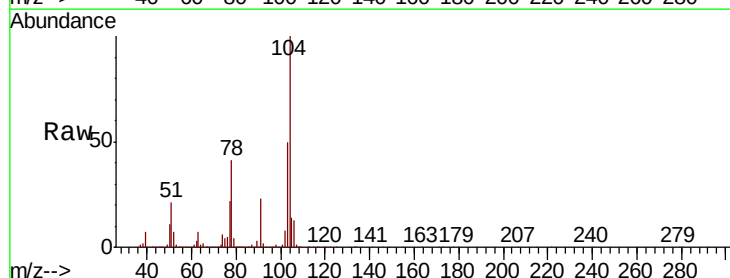
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

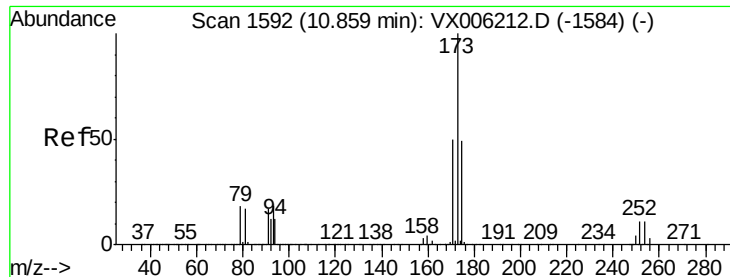
Tot Ion:106 Resp: 705092
Ion Ratio Lower Upper
106 100
91 203.5 101.8 305.6



#70
Styrene
Concen: 52.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion:104 Resp: 1147750
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 54.9 43.5 65.3





#71

Bromoform

Concen: 50.285 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

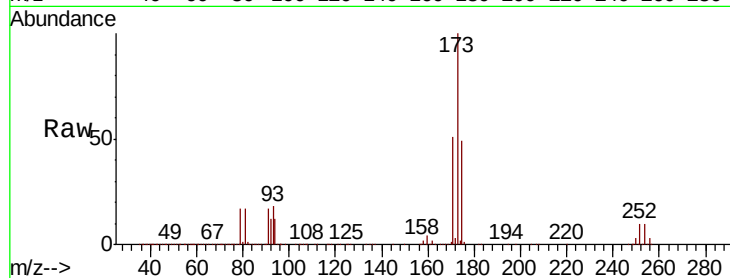
Tot Ion:173 Resp: 376036

Ion Ratio Lower Upper

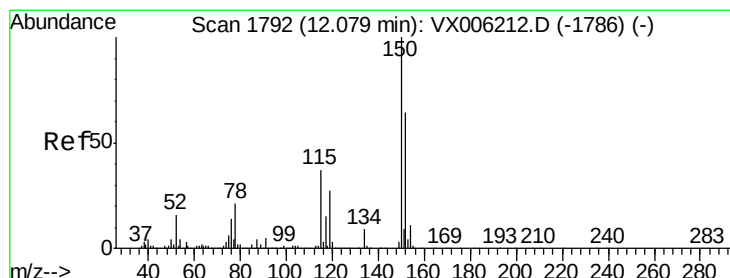
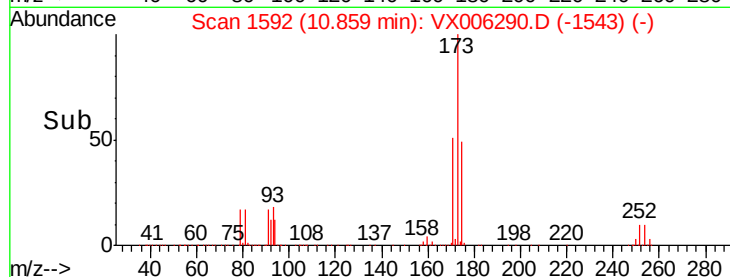
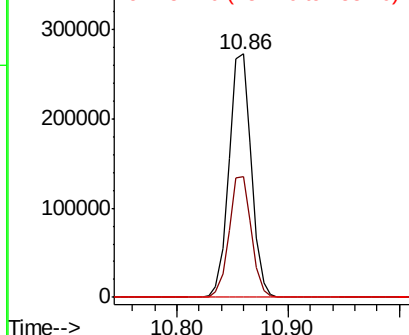
173 100

175 49.4 24.6 73.8

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: VX006290.D

Acq: 05 Dec 2018 10:20

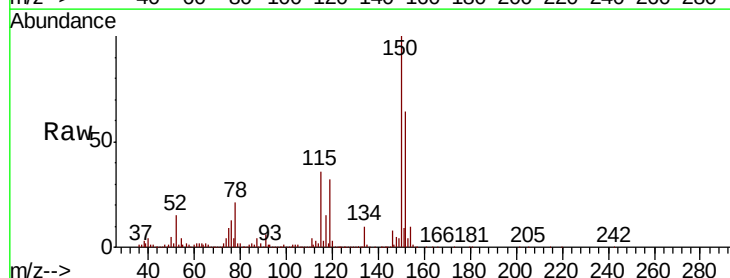
Tgt Ion:152 Resp: 501639

Ion Ratio Lower Upper

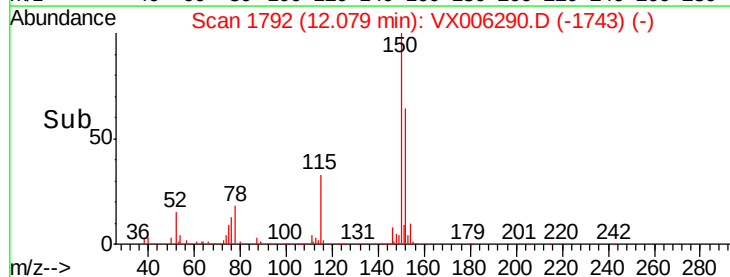
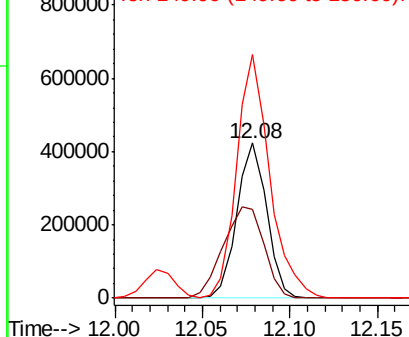
152 100

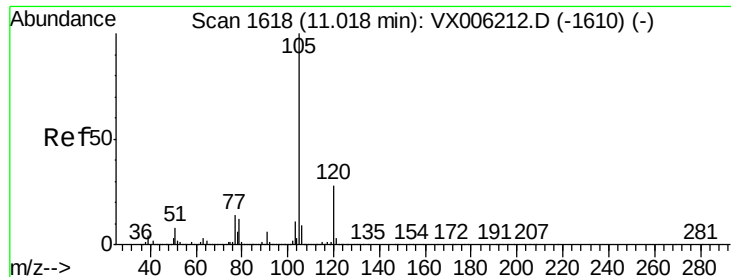
115 80.6 39.0 116.9

150 174.5 0.0 345.8



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: 54.351 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

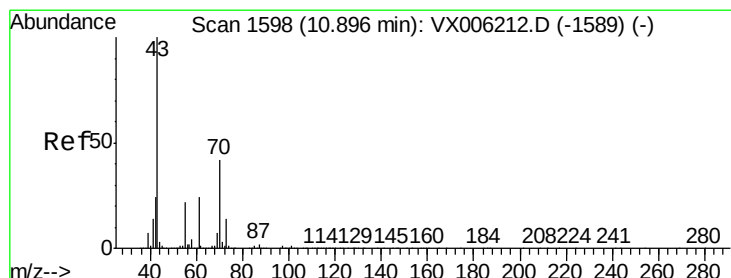
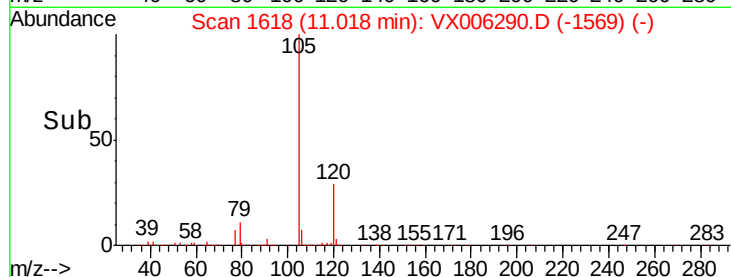
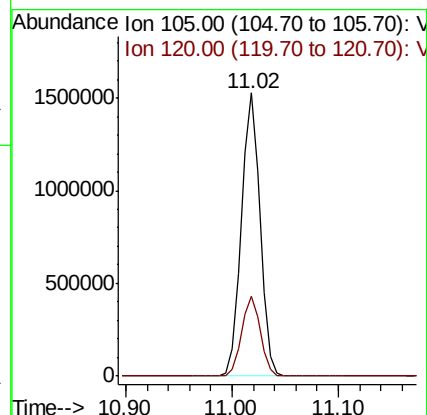
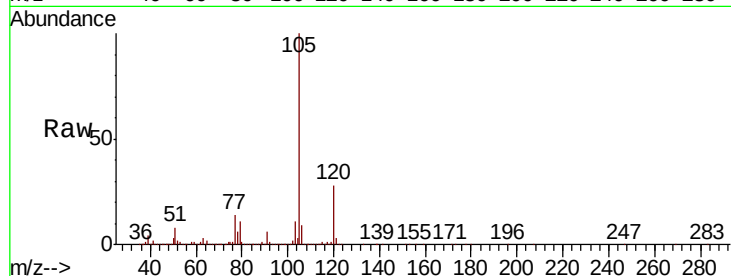
VSTDCCC050

Tot Ion:105 Resp: 1882846

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3



#74

N-ethyl acetate

Concen: 48.427 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion: 43 Resp: 722418

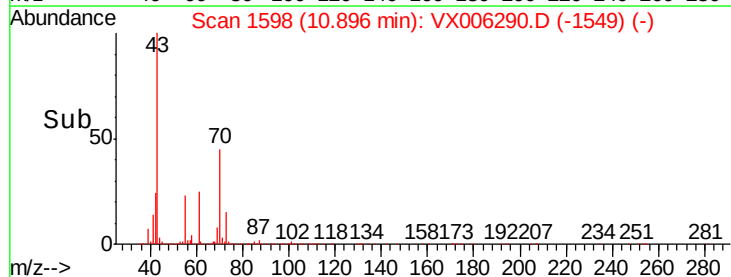
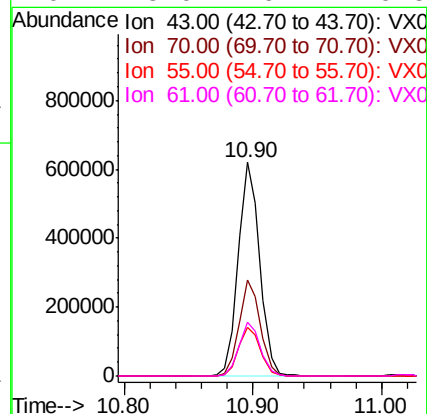
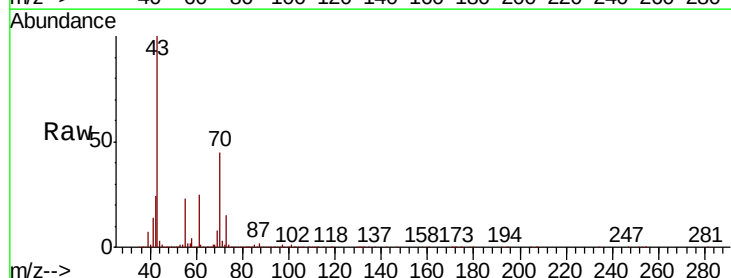
Ion Ratio Lower Upper

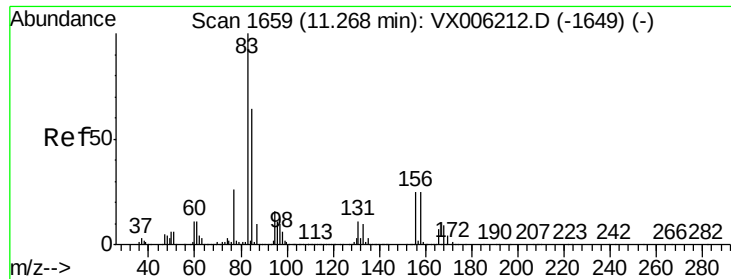
43 100

70 44.3 34.1 51.1

55 23.0 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.825 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

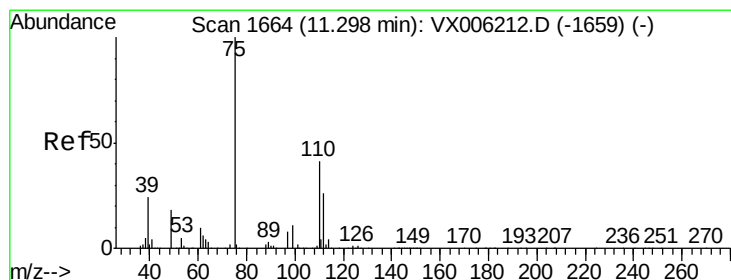
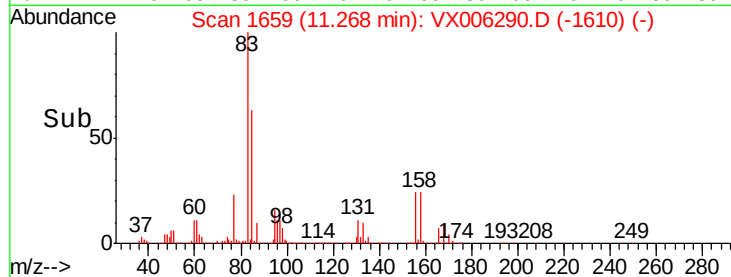
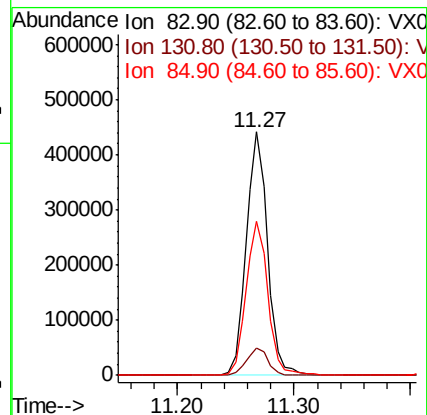
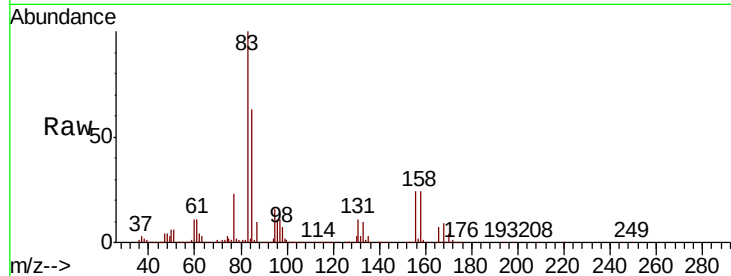
Tot Ion: 83 Resp: 563286

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.7	17.1
85	65.0	32.1	96.5

83 100

131 11.3 5.7 17.1

85 65.0 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 70.030 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006290.D

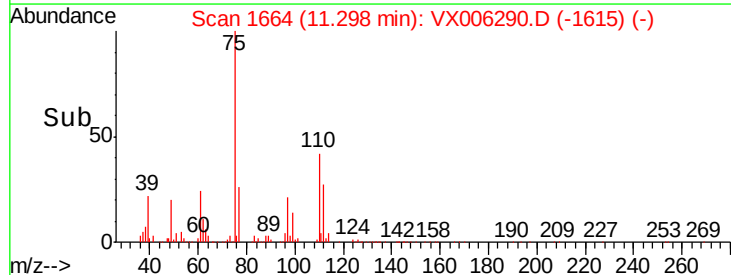
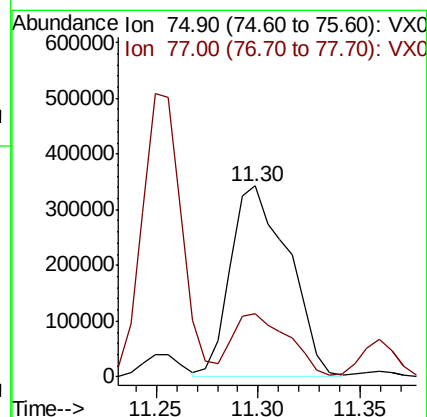
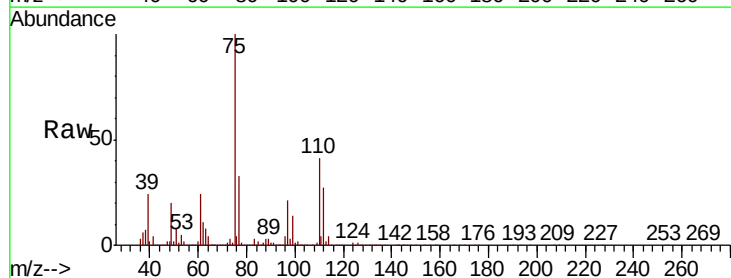
Acq: 05 Dec 2018 10:20

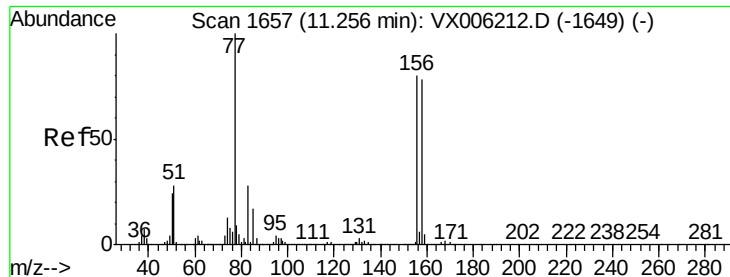
Tgt Ion: 75 Resp: 678061

Ion	Ratio	Lower	Upper
75	100		
77	31.6	19.9	59.7

75 100

77 31.6 19.9 59.7





#77

Bromobenzene

Concen: 52.633 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

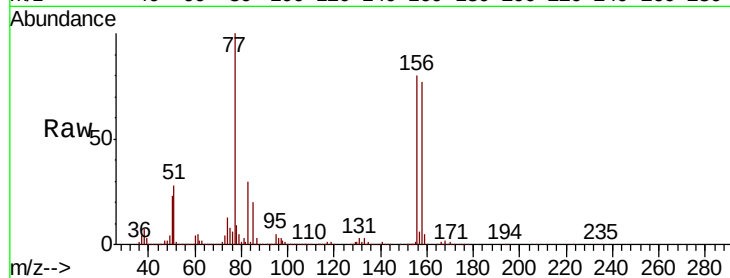
Tot Ion:156 Resp: 506008

Ion Ratio Lower Upper

156 100

77 134.7 66.2 198.6

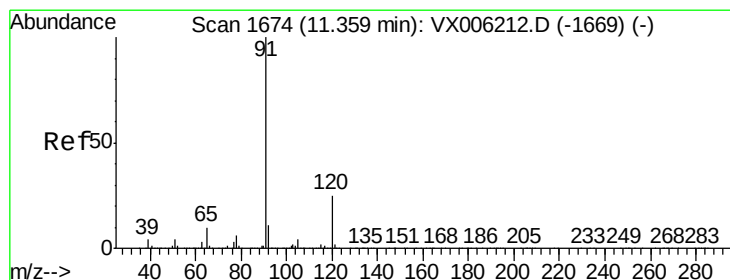
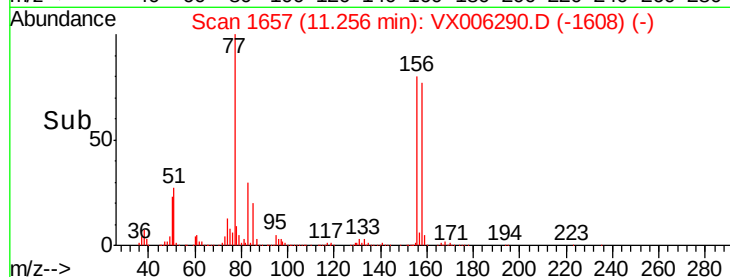
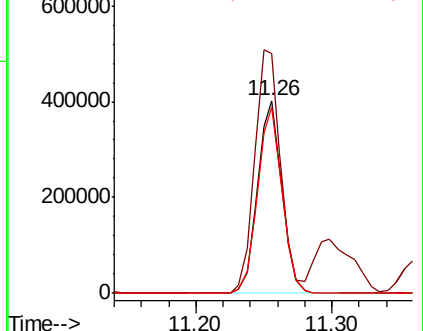
158 97.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.001 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006290.D

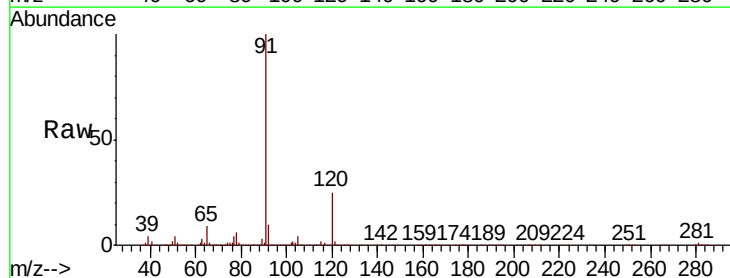
Acq: 05 Dec 2018 10:20

Tgt Ion: 91 Resp: 2118017

Ion Ratio Lower Upper

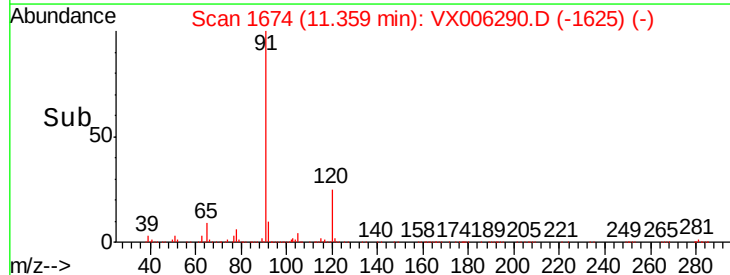
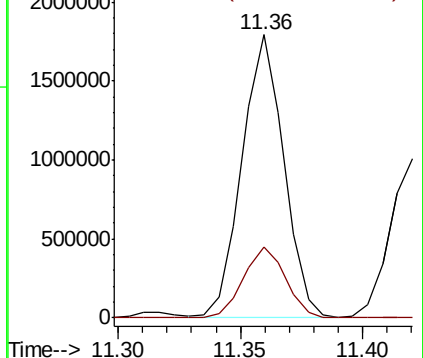
91 100

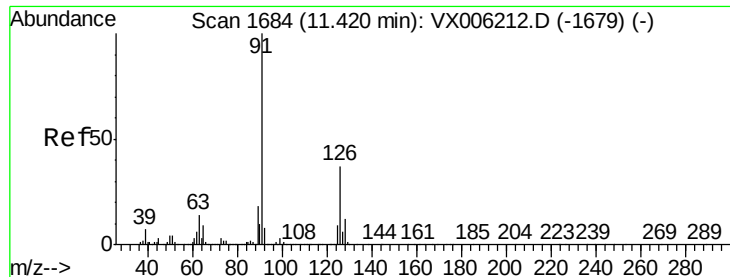
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.449 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

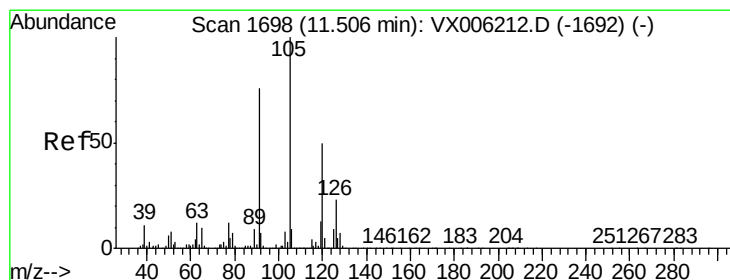
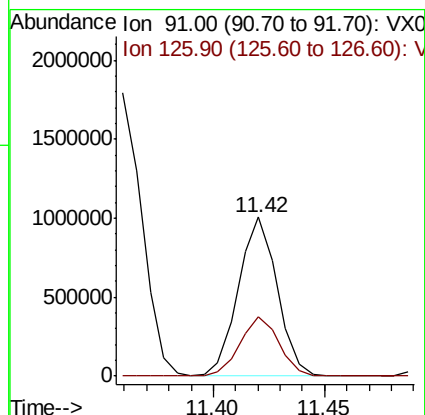
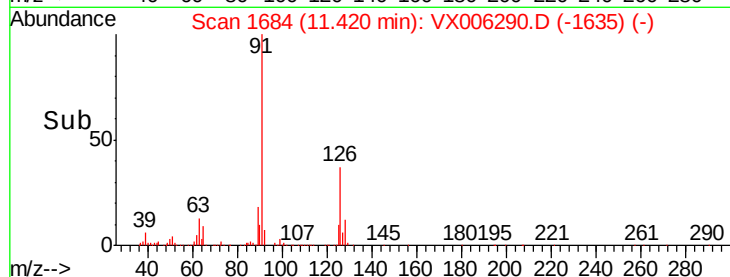
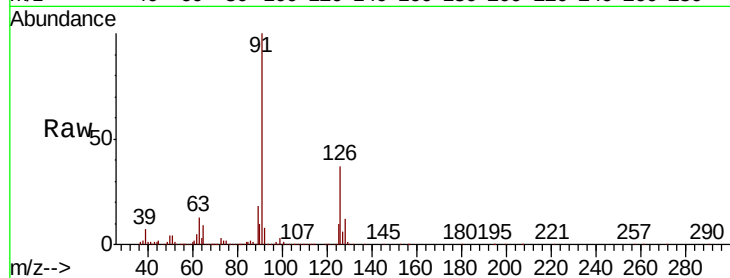
VSTDCCC050

Tot Ion: 91 Resp: 1223327

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 53.900 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006290.D

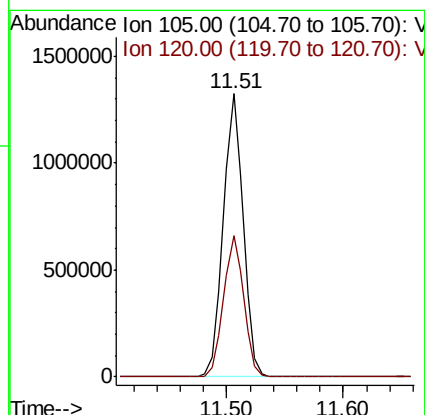
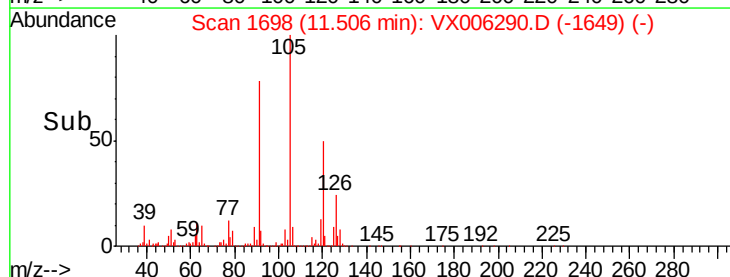
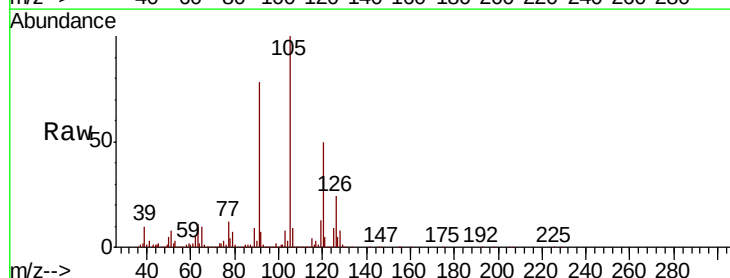
Acq: 05 Dec 2018 10:20

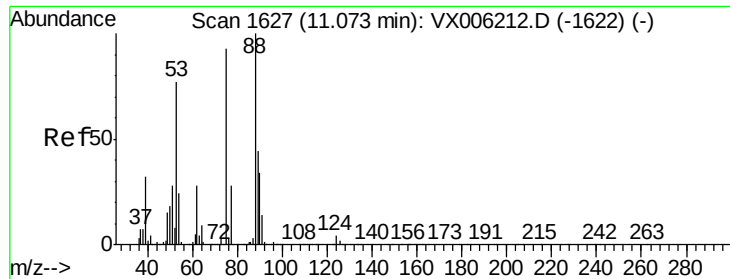
Tgt Ion: 105 Resp: 1553589

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0

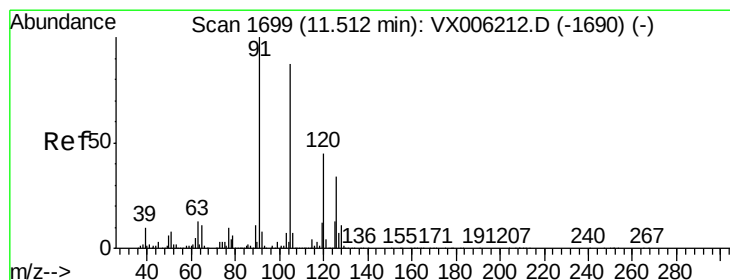
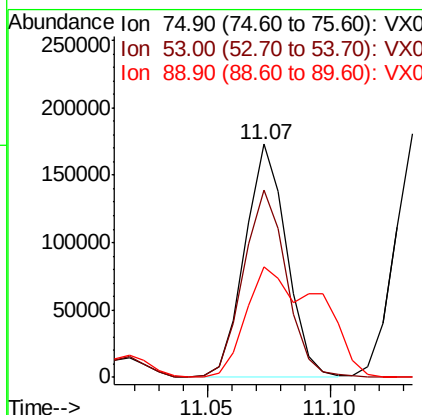
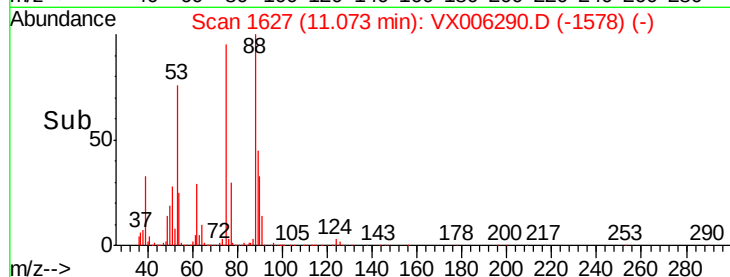
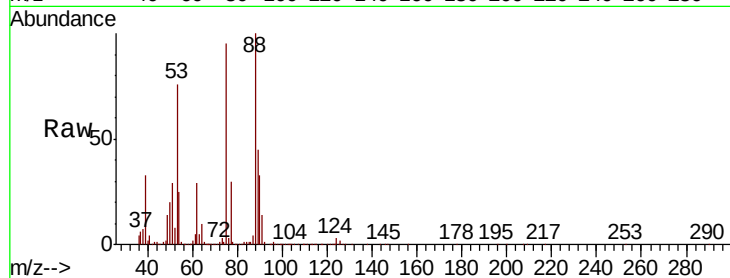




#81
trans-1,4-Dichloro-2-butene
Concen: 49.498 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

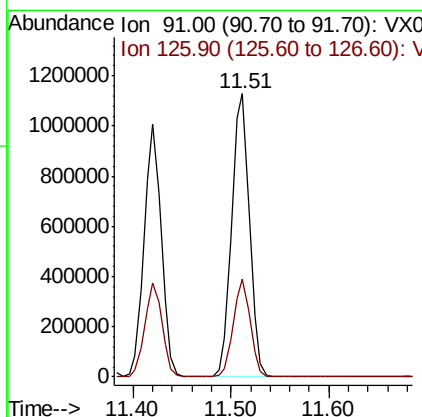
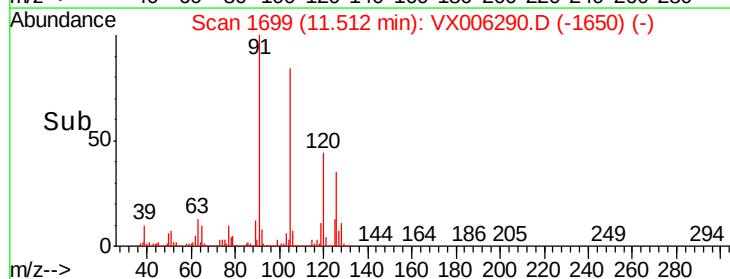
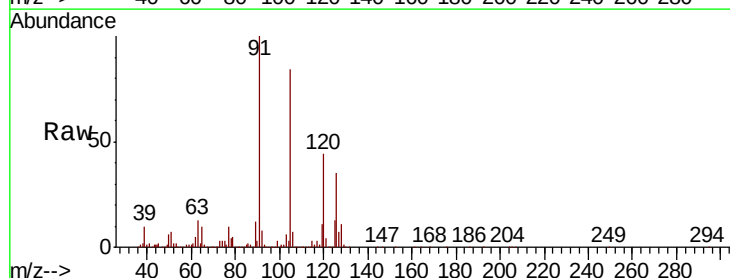
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

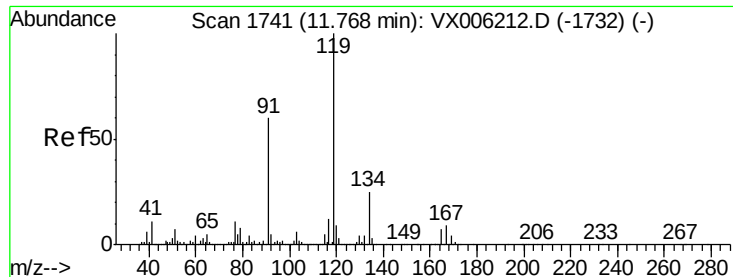
Tot Ion: 75 Resp: 204225
Ion Ratio Lower Upper
75 100
53 83.1 64.4 96.6
89 83.6 44.2 66.4#



#82
4-Chlorotoluene
Concen: 53.580 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 91 Resp: 1425826
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

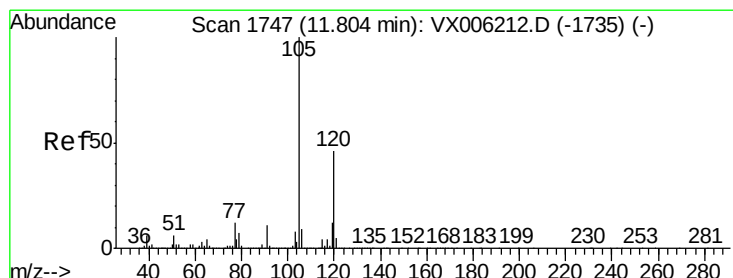
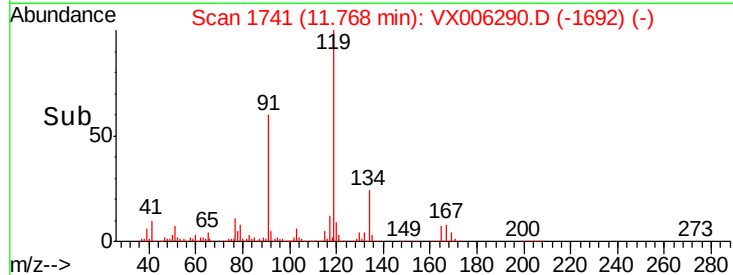
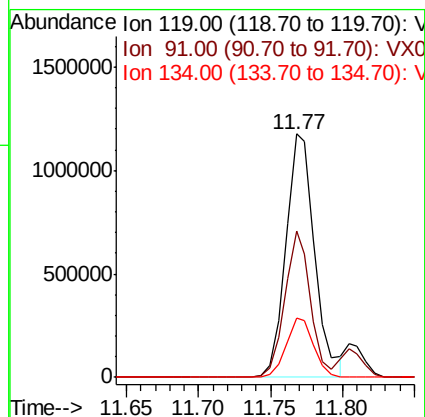
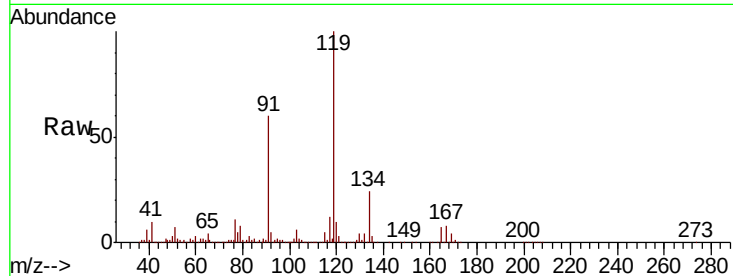




#83
 tert-Butylbenzene
 Concen: 53.722 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

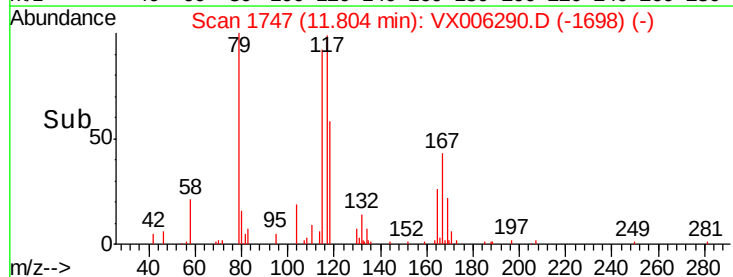
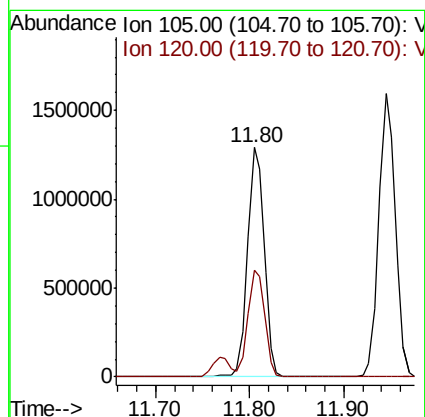
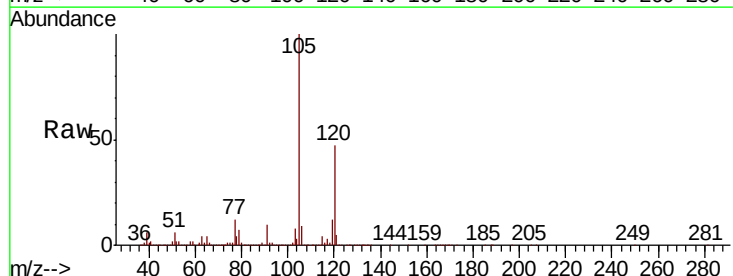
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

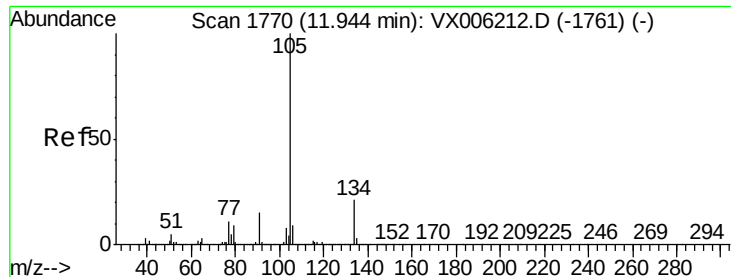
Tot Ion:119 Resp: 1652152
 Ion Ratio Lower Upper
 119 100
 91 53.3 26.4 79.2
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.617 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion:105 Resp: 1595790
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.456 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

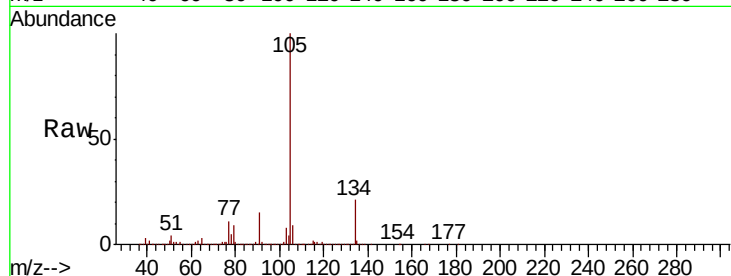
VSTDCCC050

Tot Ion:105 Resp: 1940231

Ion Ratio Lower Upper

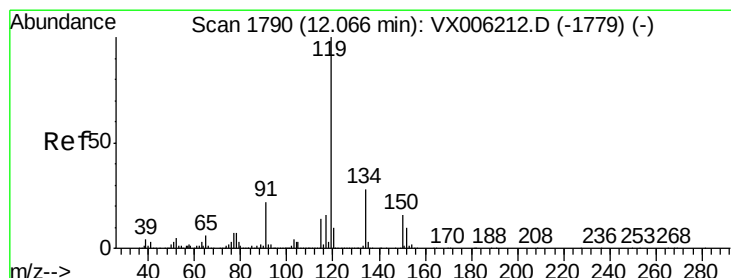
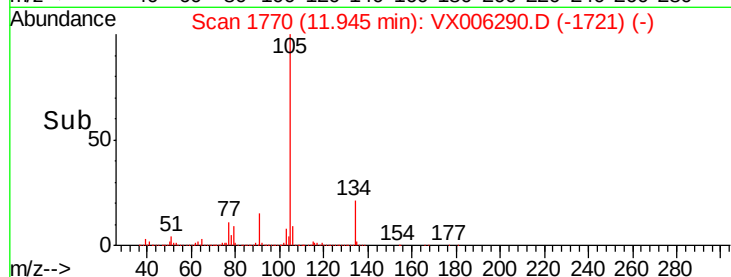
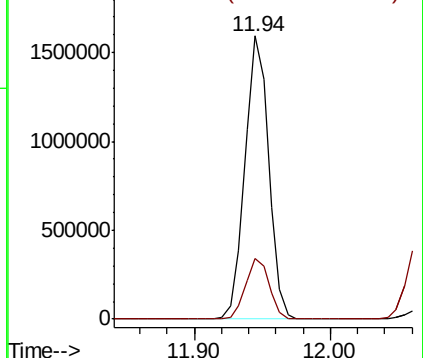
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.318 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

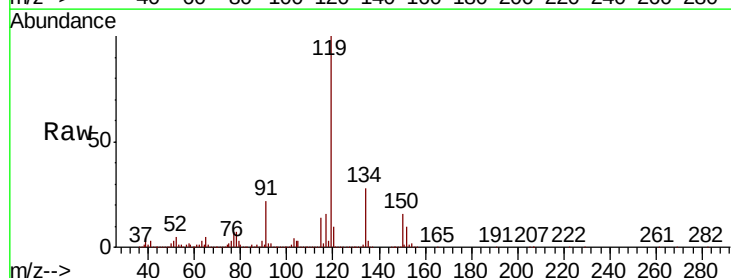
Tgt Ion:119 Resp: 1742761

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

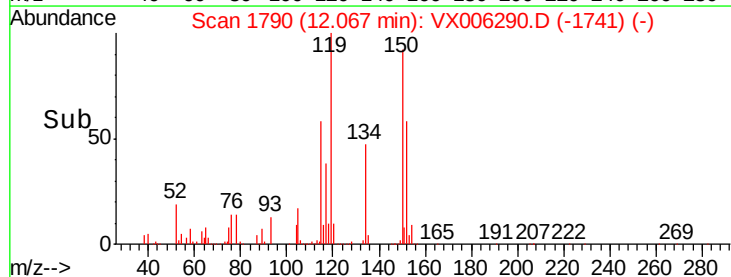
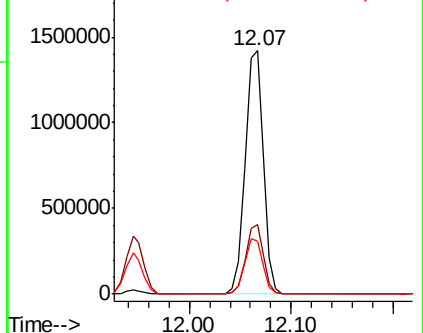
91 22.6 11.3 33.8

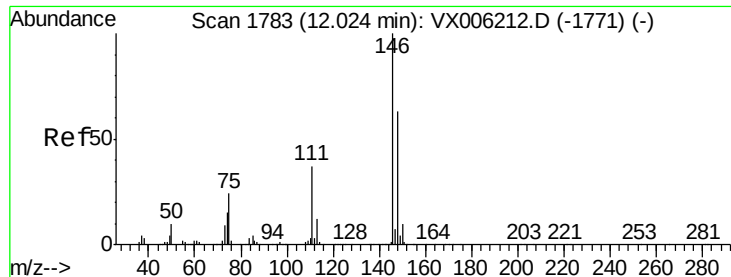


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

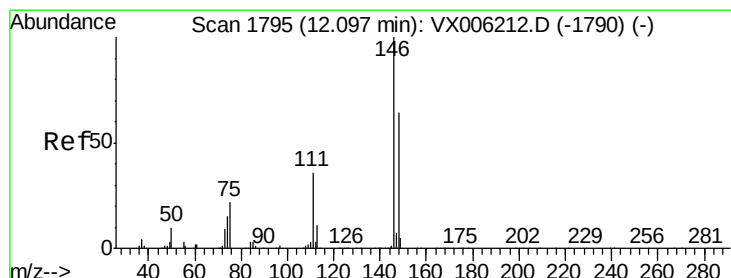
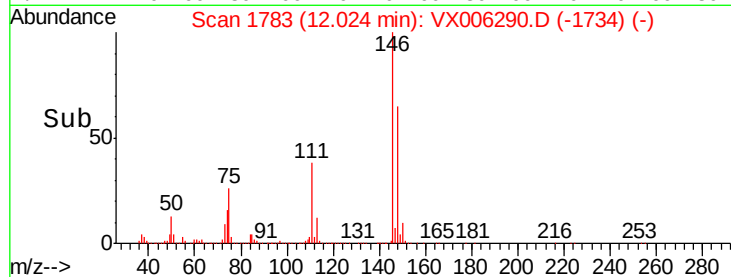
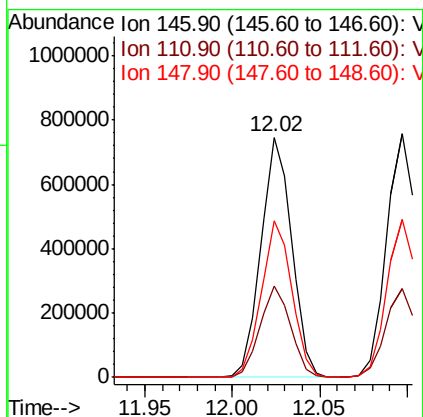
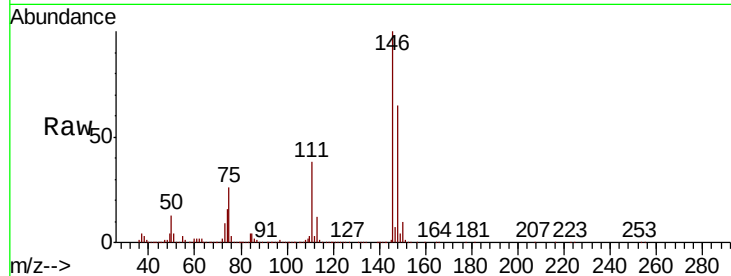




#87
 1,3-Dichlorobenzene
 Concen: 53.393 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

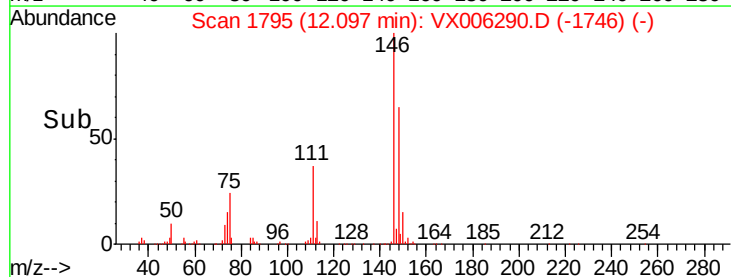
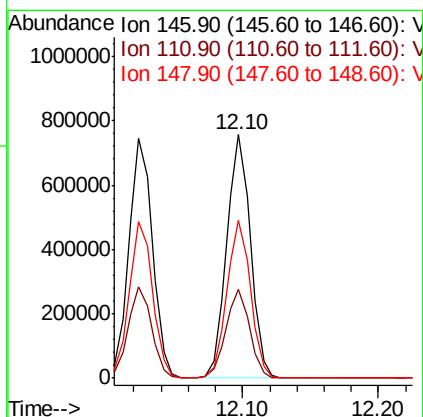
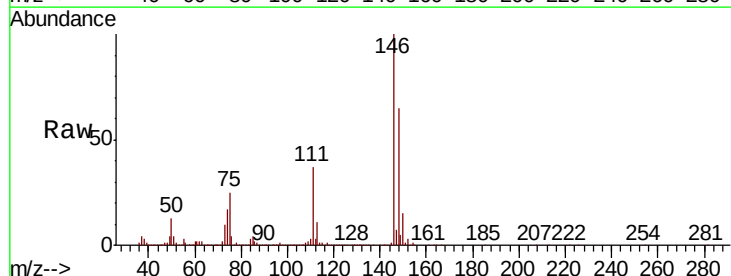
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

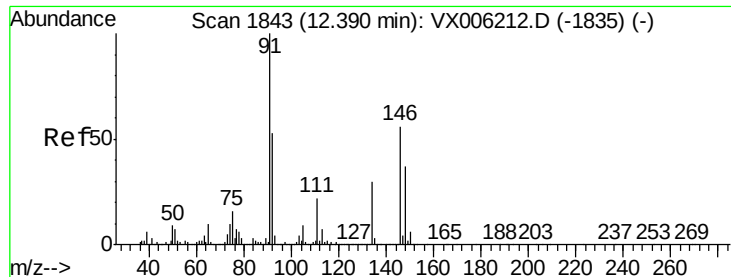
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	64.7	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.637 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	64.5	31.9	95.9

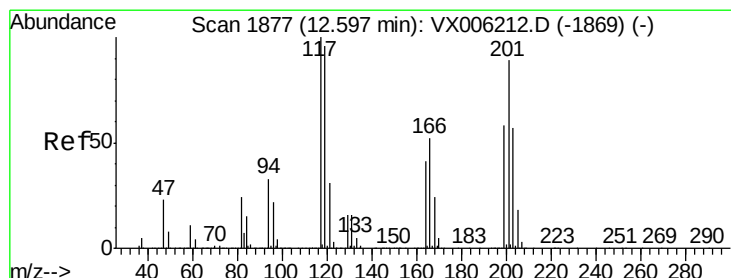
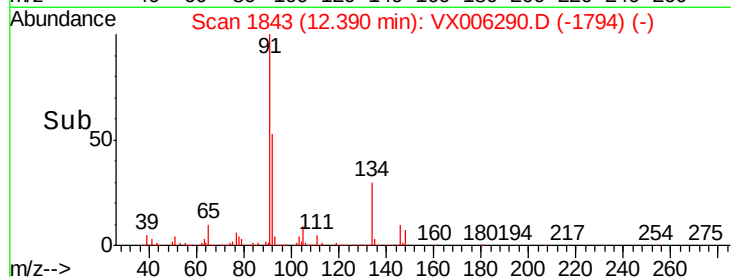
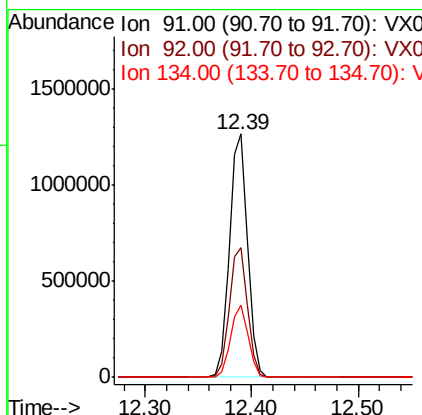
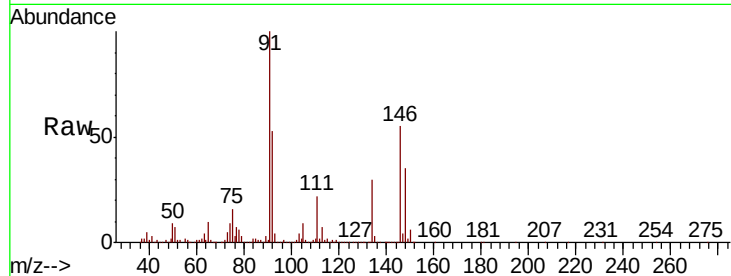




#89
n-Butylbenzene
Concen: 55.939 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

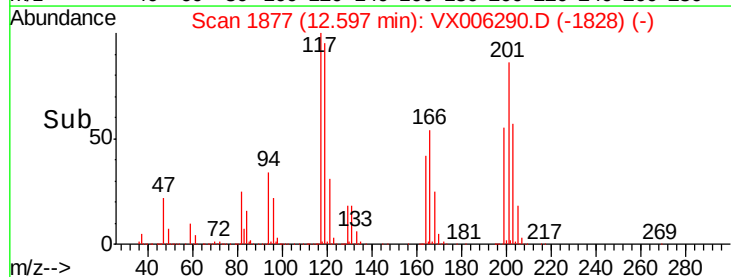
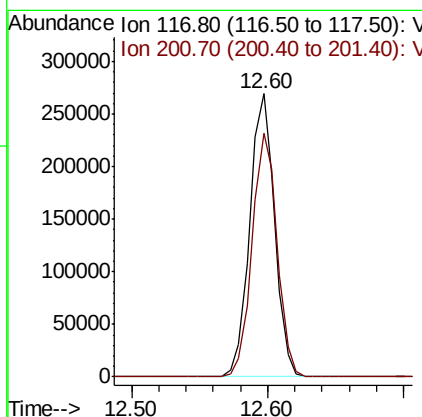
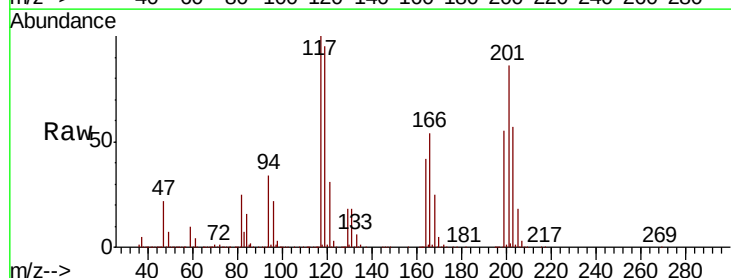
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

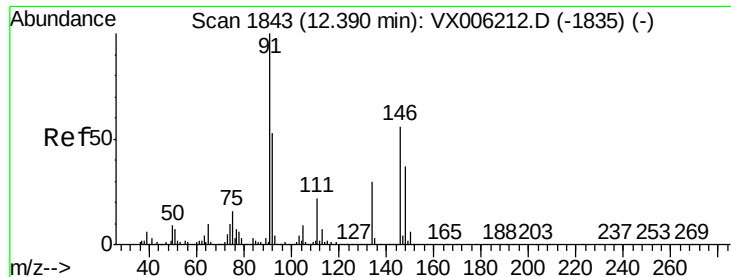
Tot Ion: 91 Resp: 1503678
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.0 14.8 44.3



#90
Hexachloroethane
Concen: 53.556 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 117 Resp: 343877
Ion Ratio Lower Upper
117 100
201 87.1 44.7 134.1

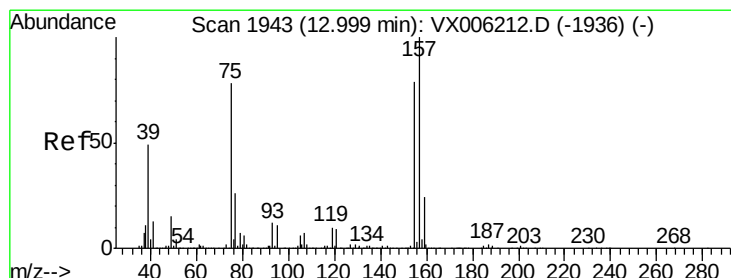
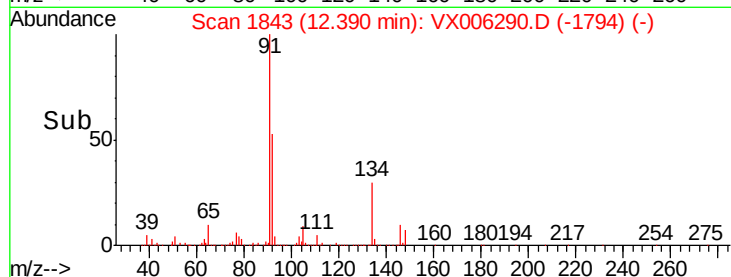
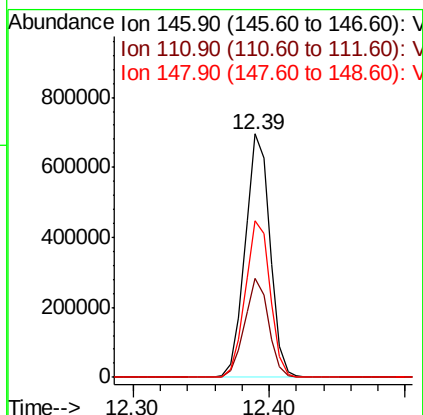
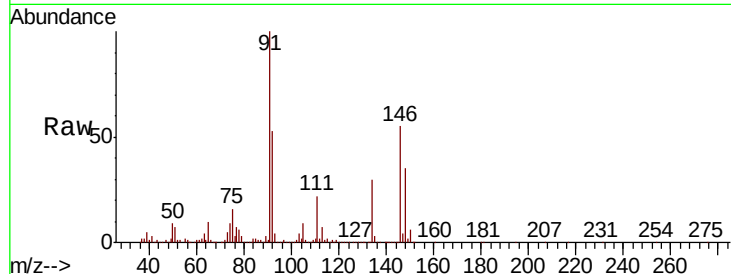




#91
 1,2-Dichlorobenzene
 Concen: 52.079 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

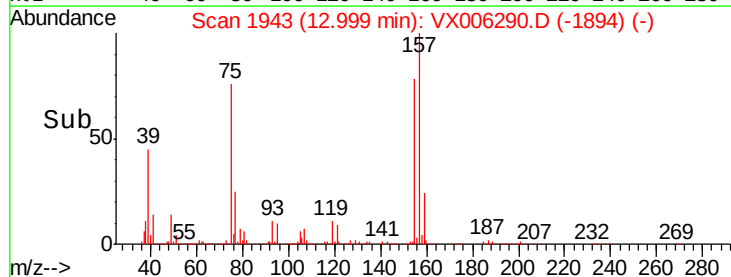
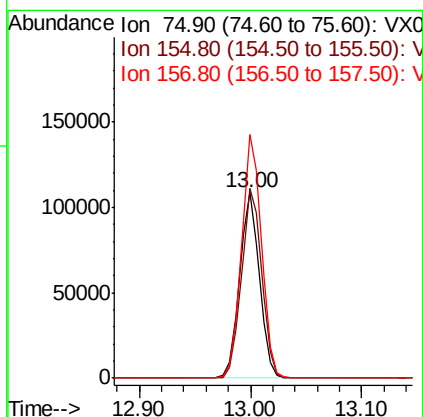
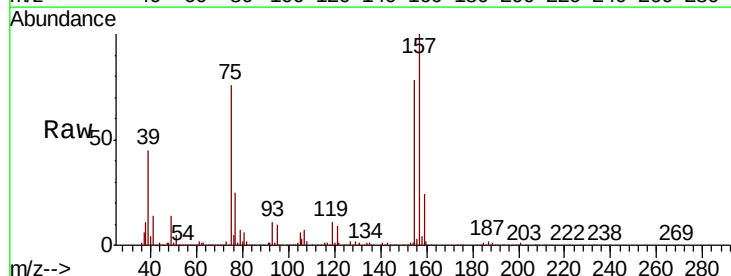
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

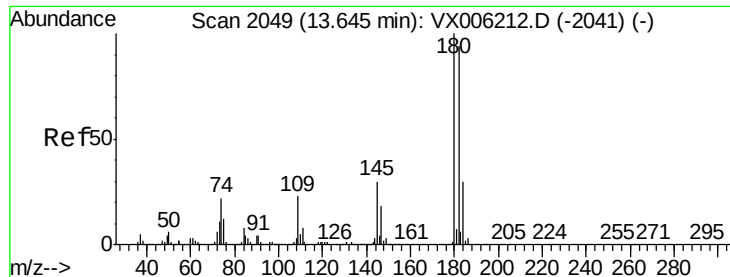
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.3
148	64.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.739 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.2	53.4	160.3
157	133.0	68.0	203.8

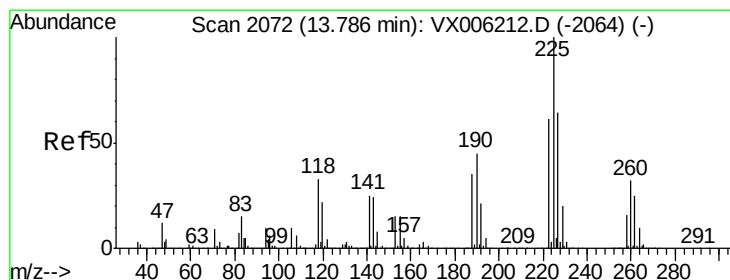
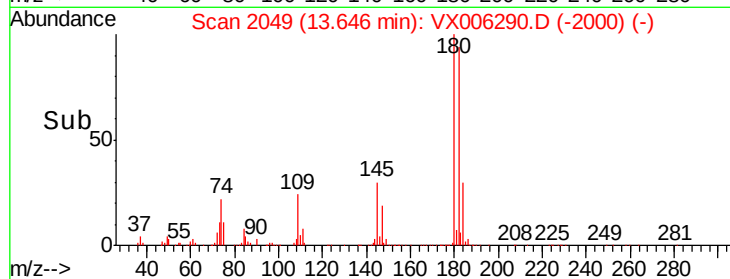
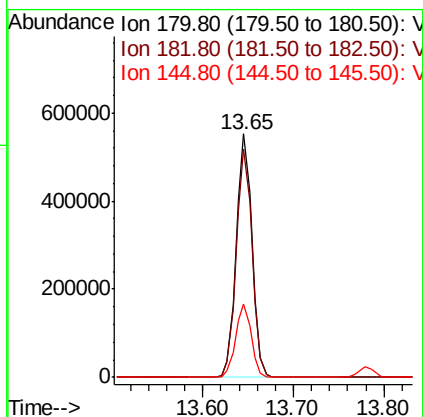
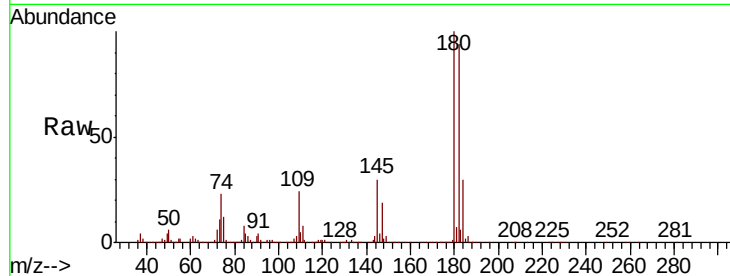




#93
 1,2,4-Trichlorobenzene
 Concen: 53.404 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

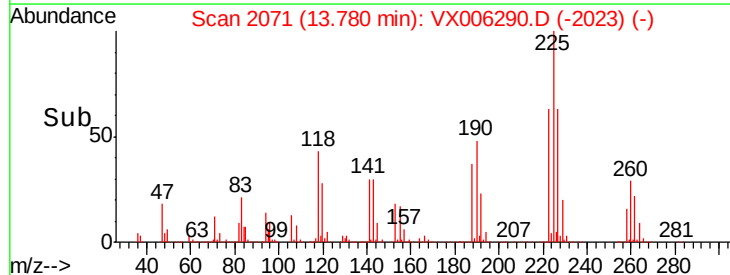
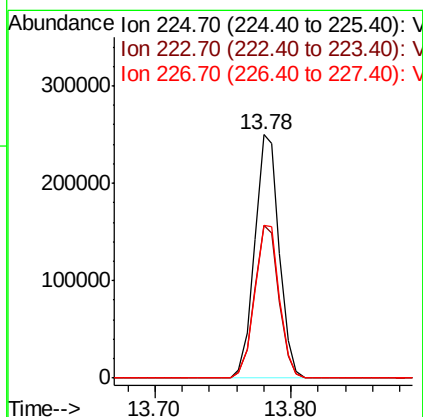
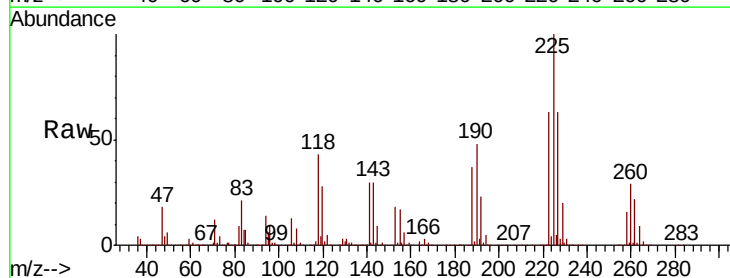
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

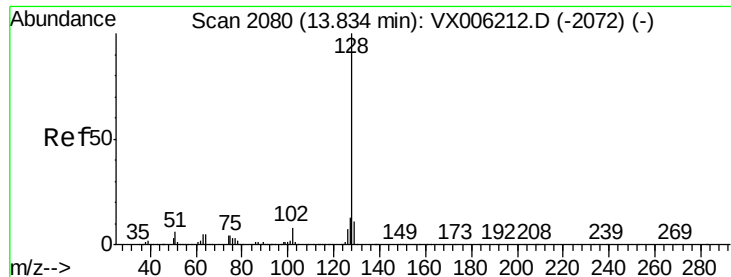
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	30.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 57.735 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	63.5	31.9	95.5





#95

Naphthalene

Concen: 51.852 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

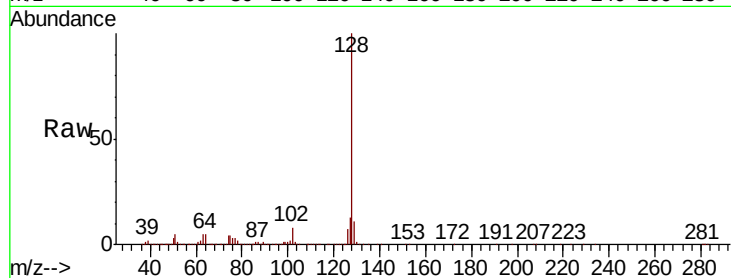
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1997815

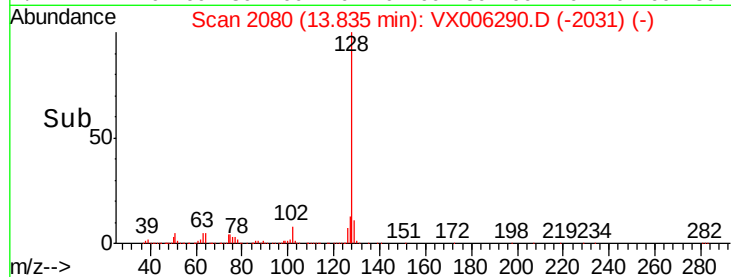
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

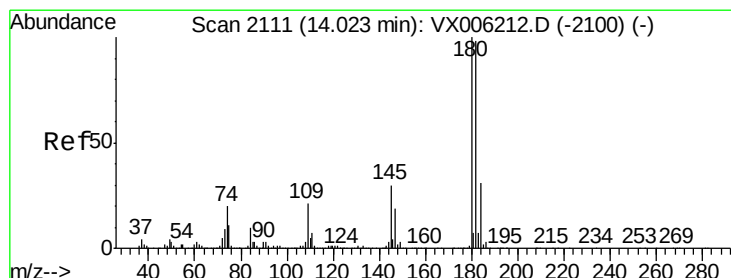
Ion 129.00 (128.70 to 129.70): V



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: 52.880 ug/l

RT: 14.02 min Scan# 2110

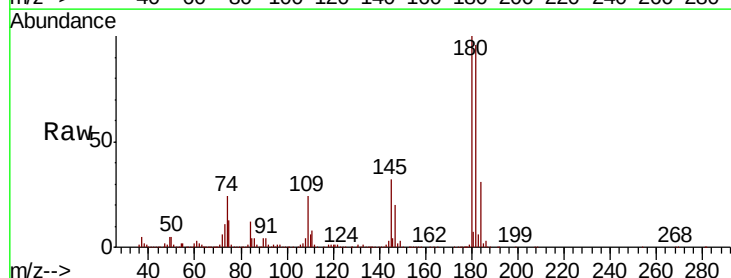
Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:180 Resp: 648749

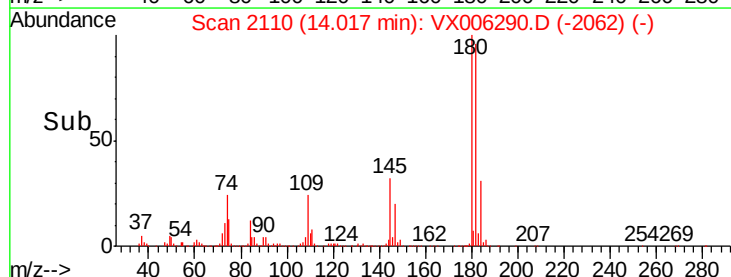
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.9	15.6	46.8



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



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