

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006335.D
 Acq On : 07 Dec 2018 09:49
 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 08 00:04:23 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	767686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1122752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1011265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	558321	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	383229	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	376042	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	8.71	98	1328156	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	520270	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	405991	54.012	ug/l	99
3) Chloromethane	1.32	50	367389	47.562	ug/l	98
4) Vinyl Chloride	1.41	62	400260	48.146	ug/l	96
5) Bromomethane	1.64	94	294399	51.097	ug/l	98
6) Chloroethane	1.71	64	244277	47.923	ug/l	99
7) Trichlorofluoromethane	1.93	101	627068	49.138	ug/l	100
8) Diethyl Ether	2.19	74	232898	48.222	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	376331	51.862	ug/l	98
10) Methyl Iodide	2.51	142	514145	47.016	ug/l	98
11) Tert butyl alcohol	3.06	59	453043	211.386	ug/l	100
12) 1,1-Dichloroethene	2.37	96	338837	48.778	ug/l	92
13) Acrolein	2.29	56	223423	190.733	ug/l	100
14) Allyl chloride	2.73	41	598966	43.650	ug/l	98
15) Acrylonitrile	3.15	53	999698	223.529	ug/l	100
16) Acetone	2.45	43	847257	230.372	ug/l	96
17) Carbon Disulfide	2.57	76	924073	43.171	ug/l	99
18) Methyl Acetate	2.78	43	566645	46.072	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1184218	47.788	ug/l	98
20) Methylene Chloride	2.85	84	372031	47.530	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	362086	48.913	ug/l	92
22) Diisopropyl ether	3.87	45	1153830	53.833	ug/l	98
23) Vinyl Acetate	3.82	43	4857991	265.742	ug/l	98
24) 1,1-Dichloroethane	3.70	63	642643	52.457	ug/l	99
25) 2-Butanone	4.69	43	1246746	237.581	ug/l	99
26) 2,2-Dichloropropane	4.58	77	593590	52.502	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	430384	52.122	ug/l	98
28) Bromochloromethane	5.02	49	281741	52.651	ug/l	97
29) Tetrahydrofuran	5.15	42	825690	226.395	ug/l	98
30) Chloroform	5.21	83	667188	51.824	ug/l	99
31) Cyclohexane	5.57	56	555279	49.046	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	623089	50.868	ug/l	100
36) 1,1-Dichloropropene	5.80	75	490593	51.889	ug/l	99
37) Ethyl Acetate	4.85	43	492365	46.502	ug/l	98
38) Carbon Tetrachloride	5.78	117	572802	51.498	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	642301	52.336	ug/l	98
40) Benzene	6.14	78	1460742	51.584	ug/l	99
41) Methacrylonitrile	5.06	41	276696	47.492	ug/l	99
42) 1,2-Dichloroethane	6.20	62	487447	52.595	ug/l	100
43) Isopropyl Acetate	6.45	43	828483	46.931	ug/l	99
44) Trichloroethene	7.21	130	444138	51.772	ug/l	97
45) 1,2-Dichloropropane	7.51	63	366061	50.863	ug/l	99
46) Dibromomethane	7.66	93	267013	51.370	ug/l	98
47) Bromodichloromethane	7.90	83	512277	50.893	ug/l	100
48) Methyl methacrylate	7.77	41	410012	47.742	ug/l	99
49) 1,4-Dioxane	7.75	88	205712	971.864	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2481172	241.435	ug/l	98
52) Toluene	8.78	92	950035	50.995	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	585055	49.699	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	618078	50.563	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	397828	52.563	ug/l	99
56) Ethyl methacrylate	9.18	69	601539	50.839	ug/l	98
57) 1,3-Dichloropropane	9.37	76	619725	51.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1726588	287.561	ug/l	99
59) 2-Hexanone	9.49	43	1972477	251.223	ug/l	99
60) Dibromochloromethane	9.58	129	473864	50.774	ug/l	99
61) 1,2-Dibromoethane	9.67	107	431690	51.010	ug/l	99
64) Tetrachloroethene	9.34	164	395970	51.994	ug/l	99
65) Chlorobenzene	10.14	112	1131984	52.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	432084	51.805	ug/l	99
67) Ethyl Benzene	10.25	91	1848939	51.786	ug/l	99
68) m/p-Xylenes	10.36	106	1491444	104.283	ug/l	100
69) o-Xylene	10.69	106	736965	52.168	ug/l	99
70) Styrene	10.71	104	1222460	53.503	ug/l	99
71) Bromoform	10.85	173	390003	49.534	ug/l	100
73) Isopropylbenzene	11.02	105	1961074	50.862	ug/l	99
74) N-amyl acetate	10.90	43	762656	45.934	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	594729	48.214	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	718344	66.658	ug/l	86
77) Bromobenzene	11.26	156	547449	51.162	ug/l	99
78) n-propylbenzene	11.36	91	2229158	52.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	1304027	51.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1652820	51.521	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	208274	45.354	ug/l #	91
82) 4-Chlorotoluene	11.51	91	1533065	51.762	ug/l	99
83) tert-Butylbenzene	11.77	119	1764809	51.560	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1699670	51.309	ug/l	100
85) sec-Butylbenzene	11.94	105	2070490	53.171	ug/l	99
86) p-Isopropyltoluene	12.06	119	1867074	53.248	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	994998	52.259	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1010143	52.272	ug/l	100
89) n-Butylbenzene	12.38	91	1602673	53.568	ug/l	99
90) Hexachloroethane	12.60	117	354235	49.568	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	965499	51.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	141175	44.647	ug/l	97

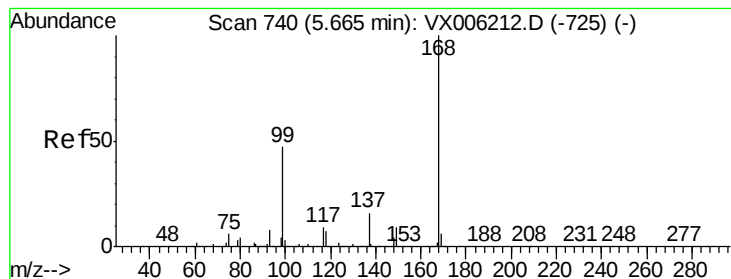
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	720152	52.238	ug/l	99
94) Hexachlorobutadiene	13.78	225	343820	56.395	ug/l	100
95) Naphthalene	13.83	128	2156680	50.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	718867	52.647	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: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

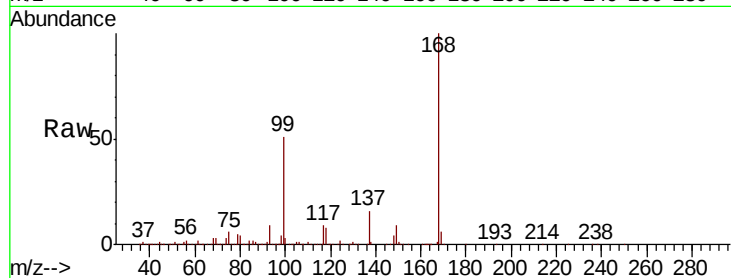
VSTDCCC050

Tot Ion:168 Resp: 767686

Ion Ratio Lower Upper

168 100

99 50.7 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

300000

250000

200000

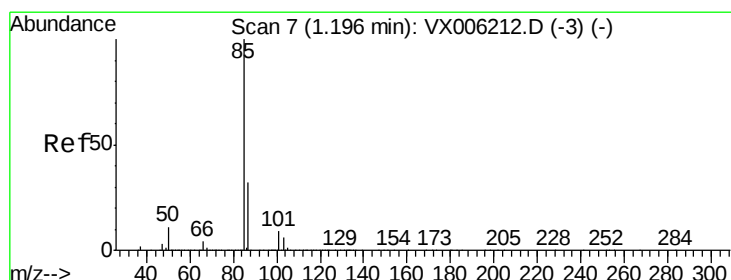
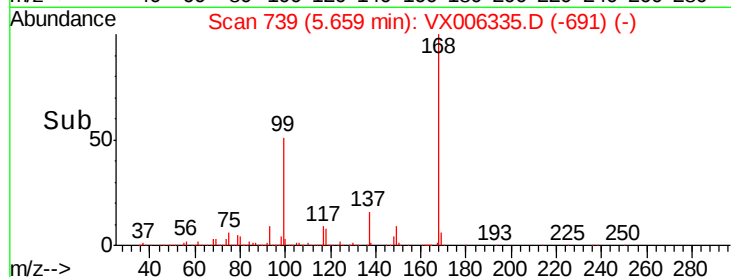
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.012 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006335.D

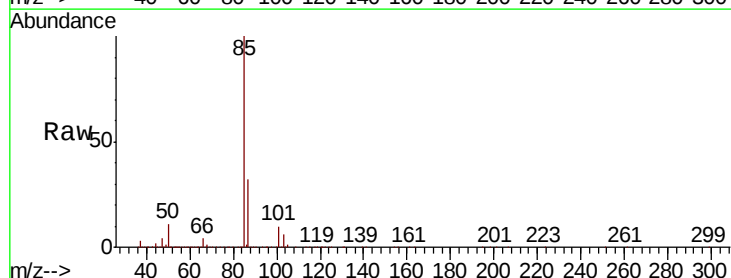
Acq: 07 Dec 2018 09:49

Tgt Ion: 85 Resp: 405991

Ion Ratio Lower Upper

85 100

87 32.5 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

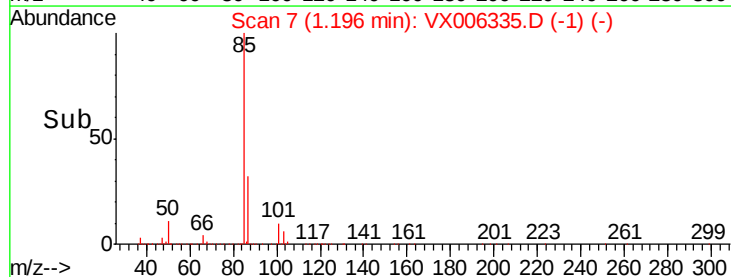
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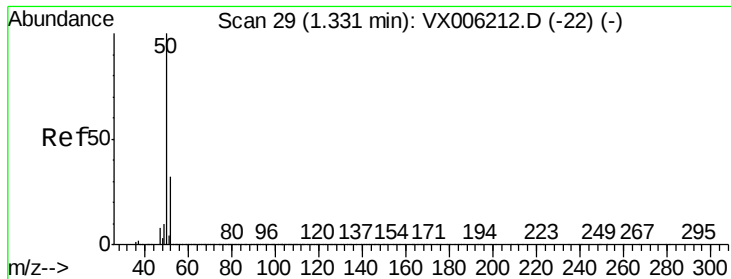
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.562 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

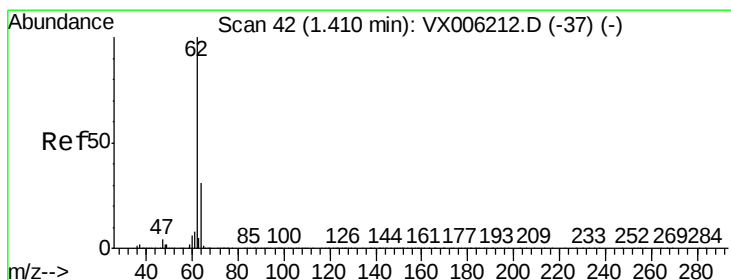
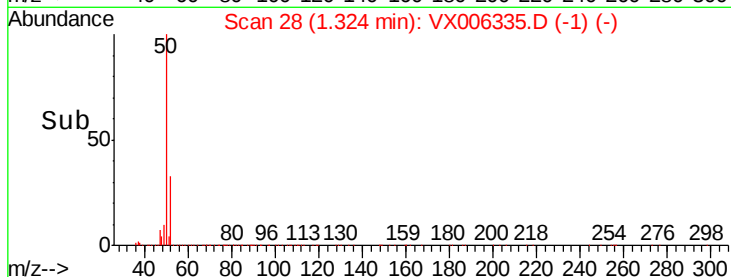
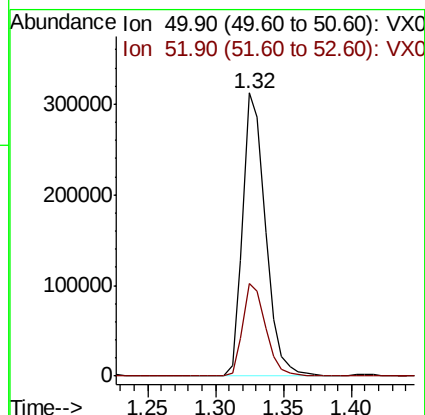
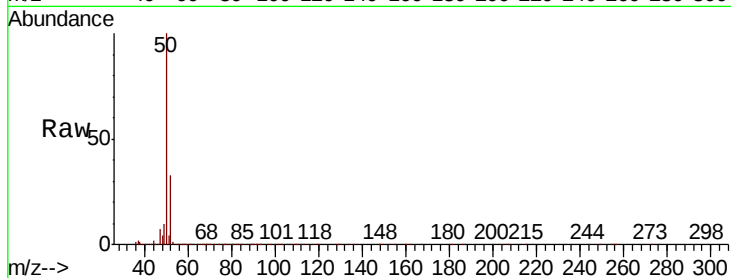
VSTDCCC050

Tot Ion: 50 Resp: 367389

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 48.146 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006335.D

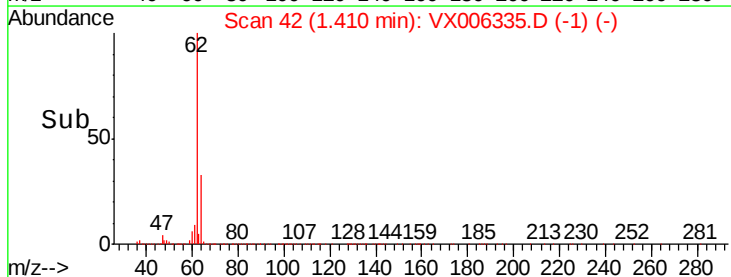
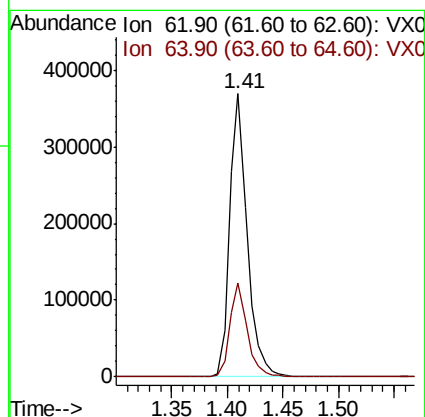
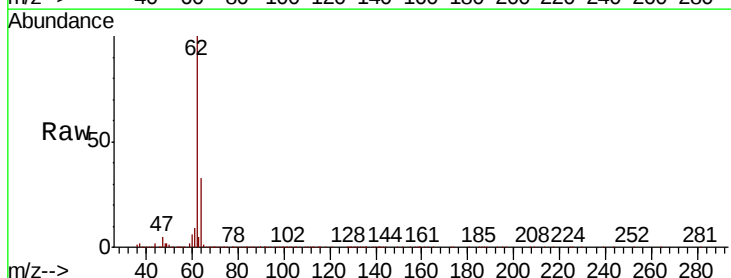
Acq: 07 Dec 2018 09:49

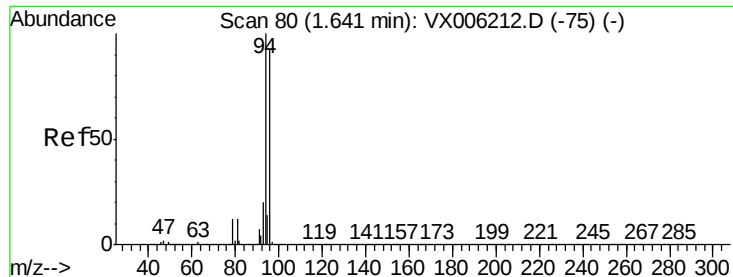
Tgt Ion: 62 Resp: 400260

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3





#5

Bromomethane

Concen: 51.097 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

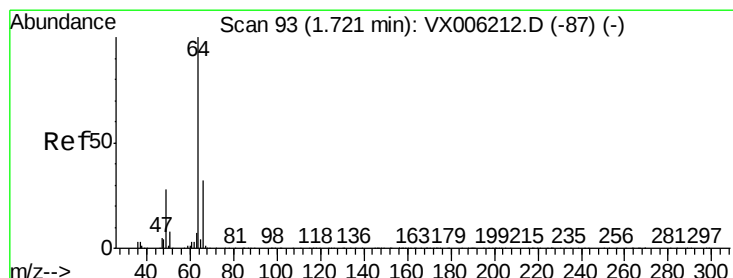
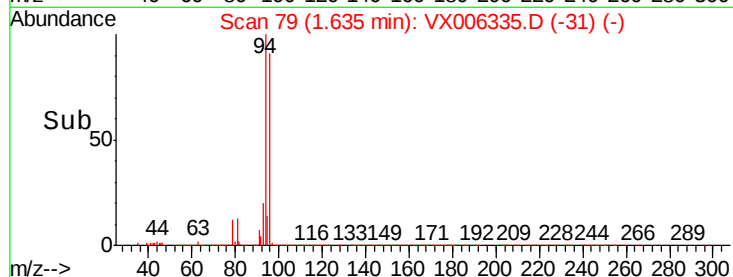
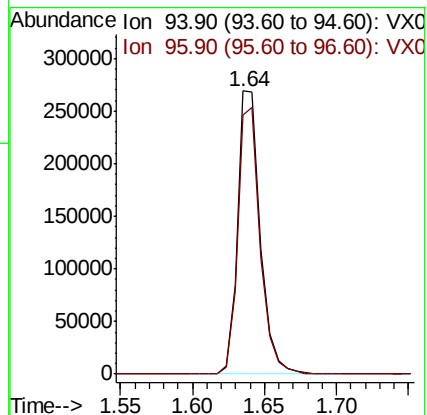
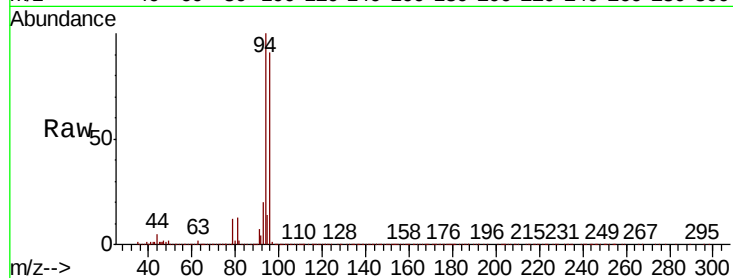
VSTDCCC050

Tot Ion: 94 Resp: 294399

Ion Ratio Lower Upper

94 100

96 91.4 74.5 111.7



#6

Chloroethane

Concen: 47.923 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006335.D

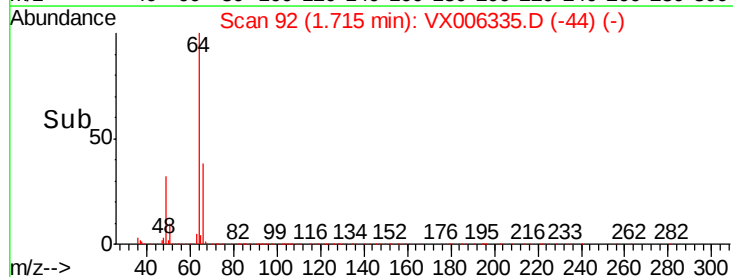
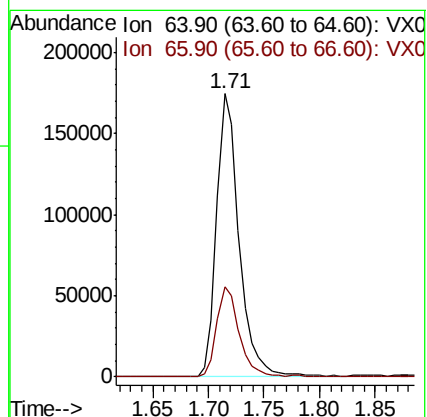
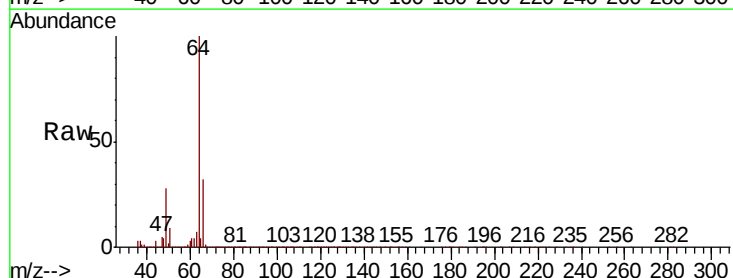
Acq: 07 Dec 2018 09:49

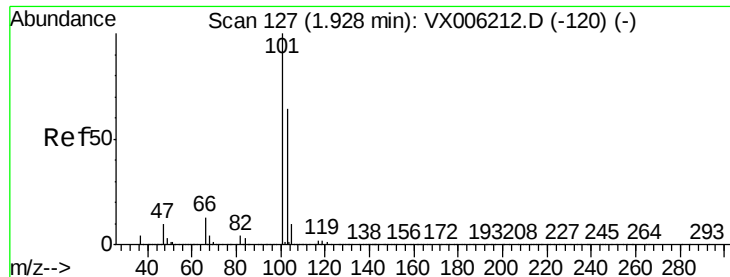
Tgt Ion: 64 Resp: 244277

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9



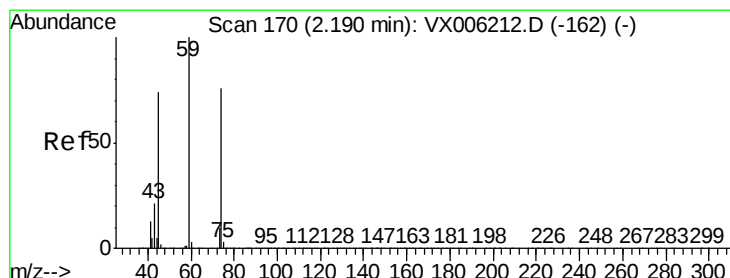
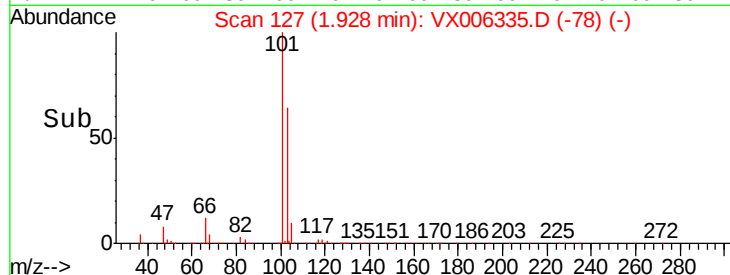
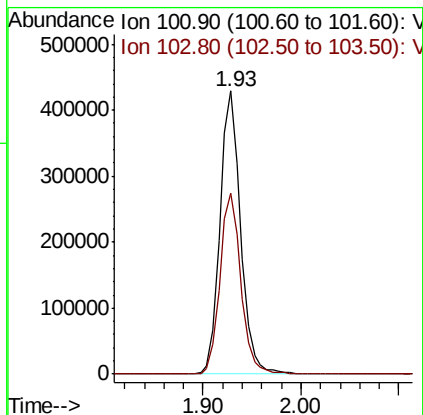
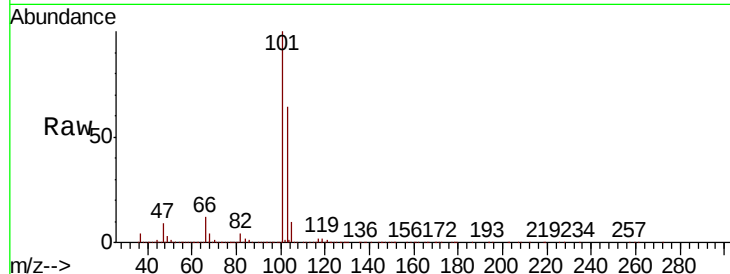


#7

Trichlorofluoromethane
Concen: 49.138 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

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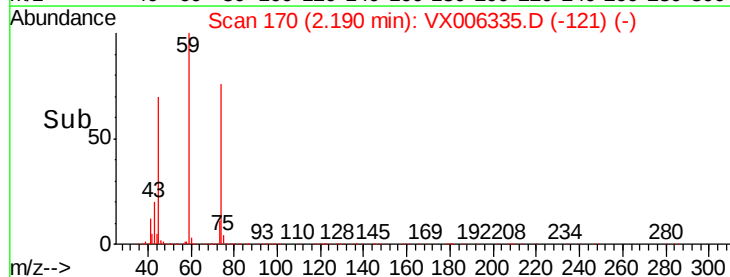
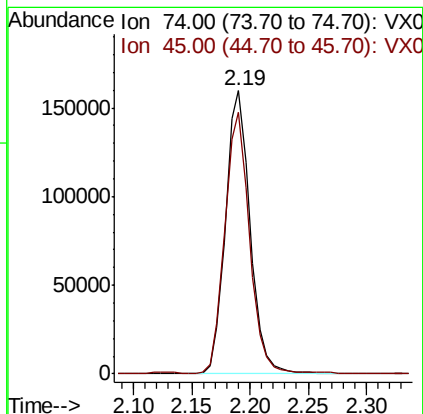
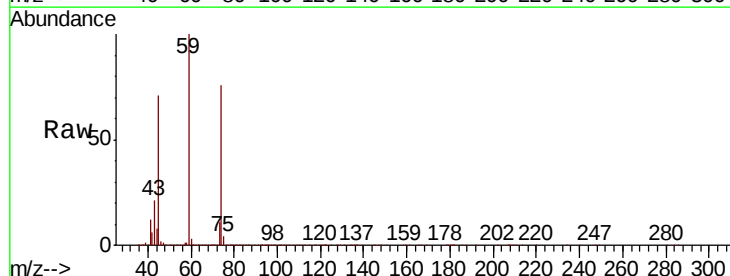
Tot Ion:101 Resp: 627068
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

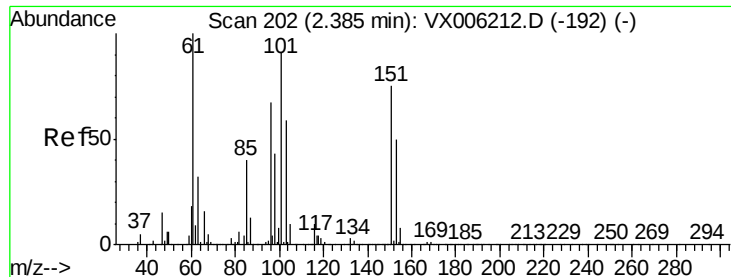


#8

Diethyl Ether
Concen: 48.222 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 74 Resp: 232898
Ion Ratio Lower Upper
74 100
45 93.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.862 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

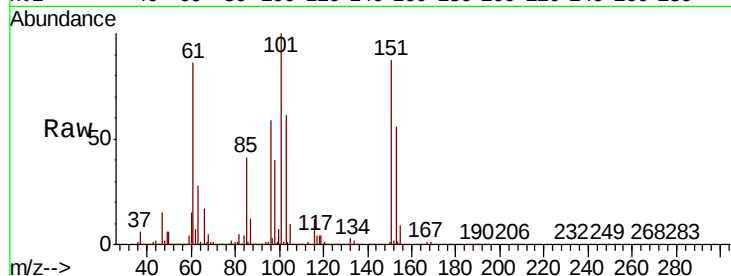
Tot Ion:101 Resp: 376331

Ion Ratio Lower Upper

101 100

85 42.8 35.5 53.3

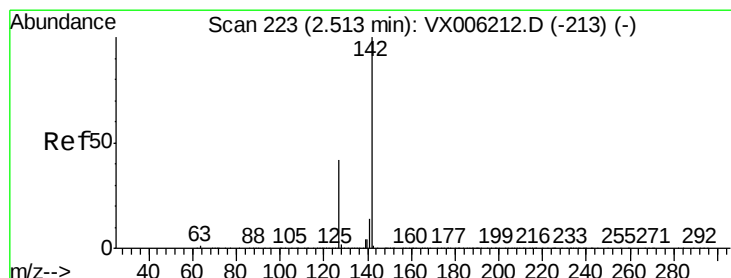
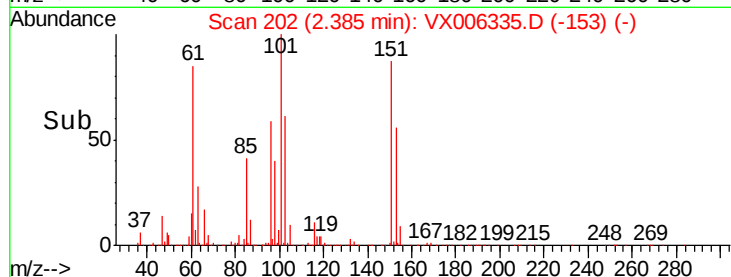
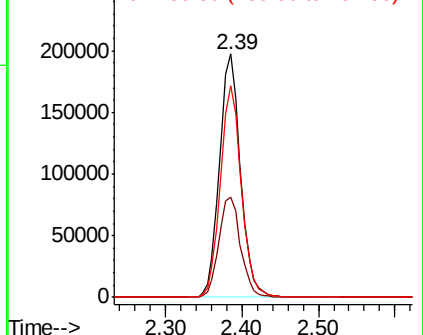
151 86.8 68.6 103.0



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: 47.016 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

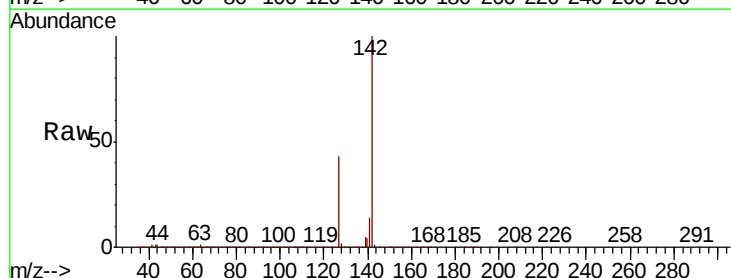
Tgt Ion:142 Resp: 514145

Ion Ratio Lower Upper

142 100

127 42.2 34.8 52.2

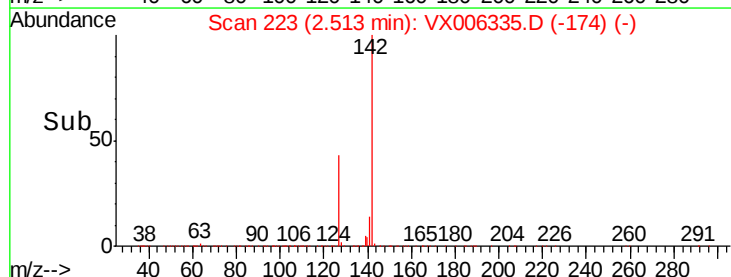
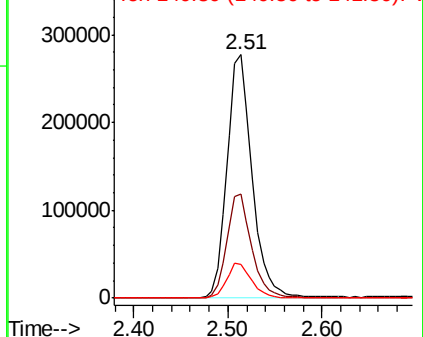
141 14.2 11.4 17.2

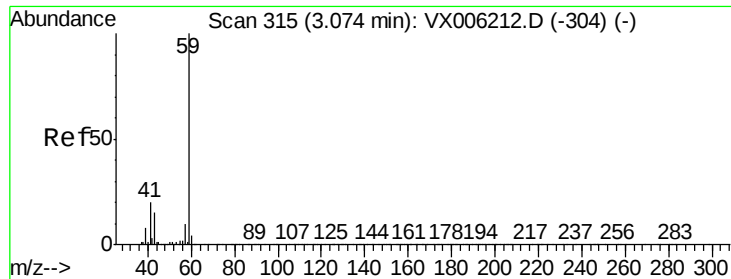


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



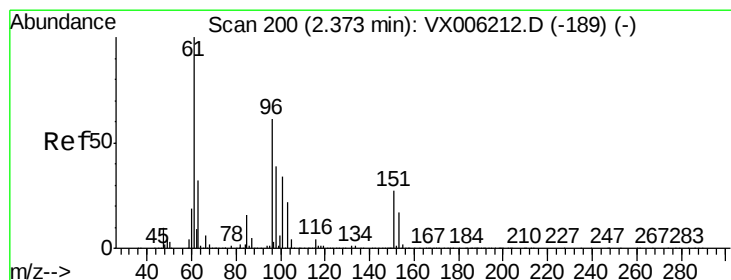
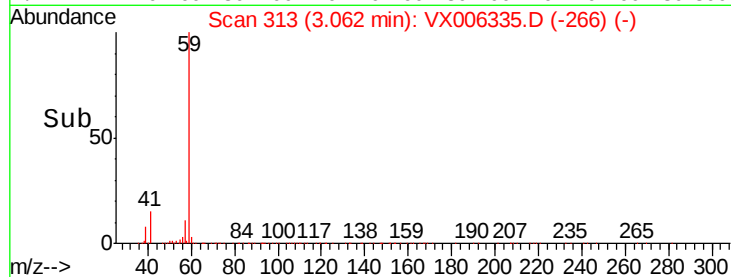
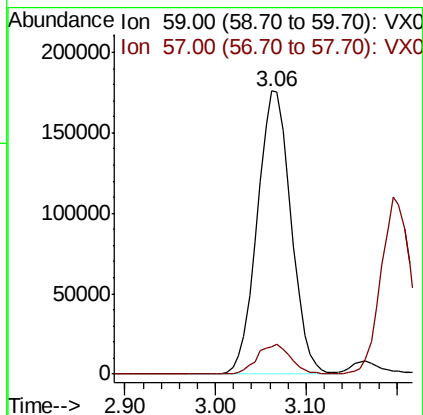
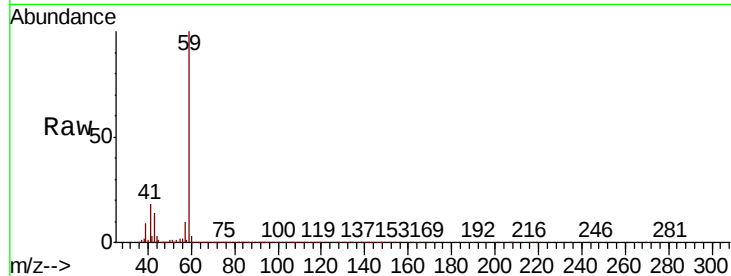


#11

Tert butyl alcohol
Concen: 211.386 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

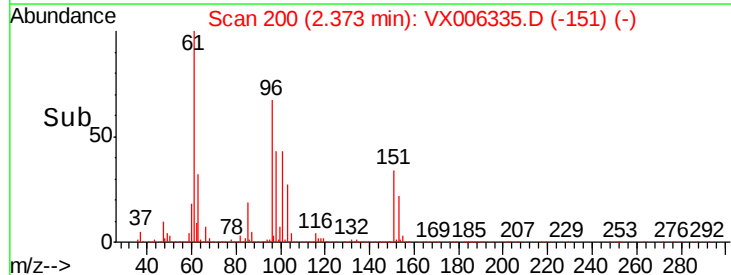
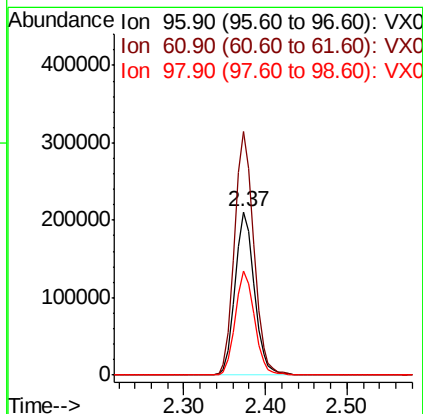
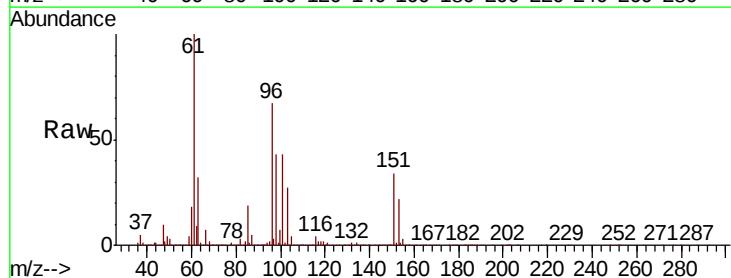
Tot Ion: 59 Resp: 453043
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

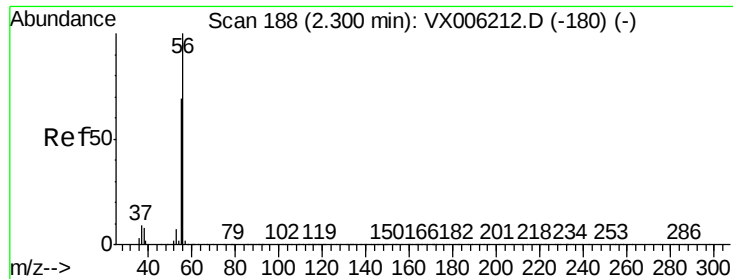


#12

1,1-Dichloroethene
Concen: 48.778 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 96 Resp: 338837
Ion Ratio Lower Upper
96 100
61 149.4 131.7 197.5
98 63.9 51.8 77.6

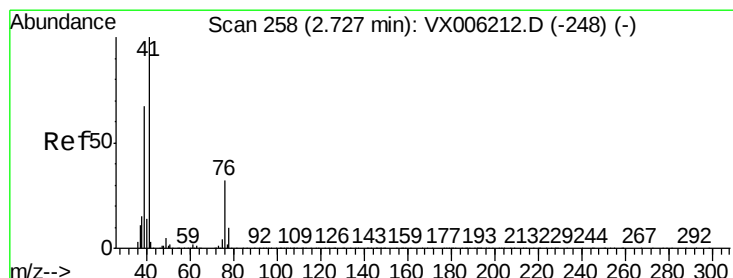
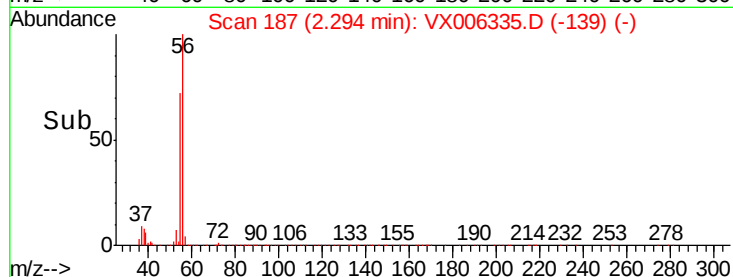
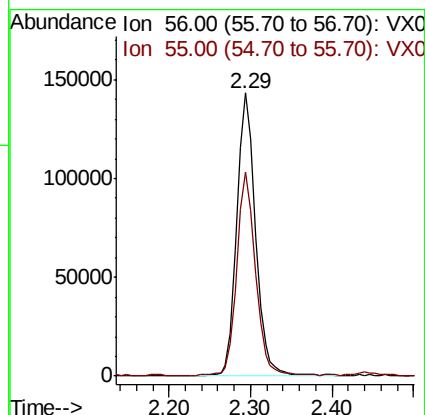
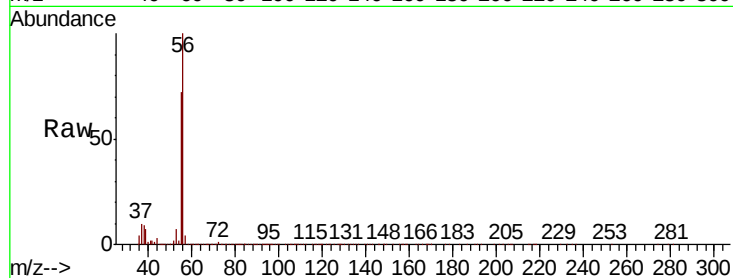




#13
Acrolein
Concen: 190.733 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

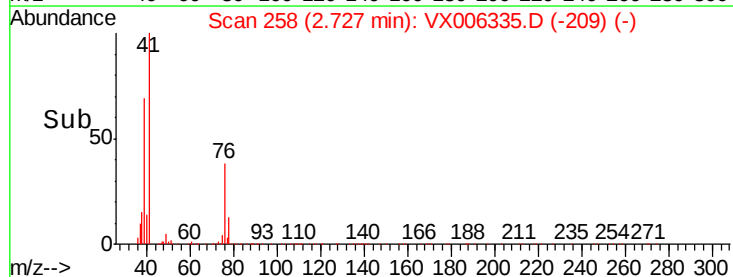
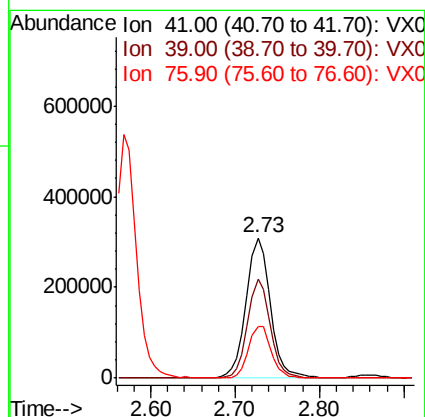
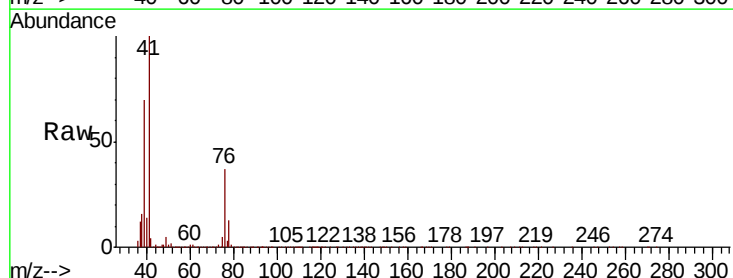
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

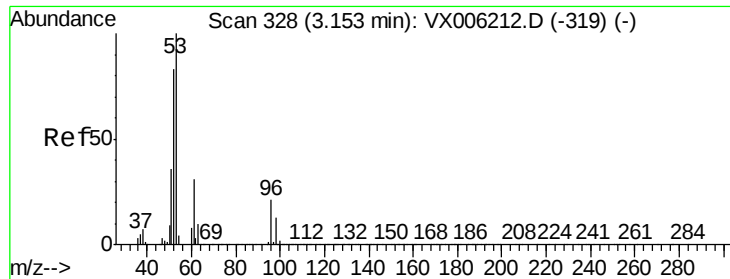
Tot Ion: 56 Resp: 223423
Ion Ratio Lower Upper
56 100
55 72.0 57.8 86.6



#14
Allyl chloride
Concen: 43.650 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 41 Resp: 598966
Ion Ratio Lower Upper
41 100
39 65.6 52.4 78.6
76 34.7 25.4 38.0





#15

Acrylonitrile

Concen: 223.529 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

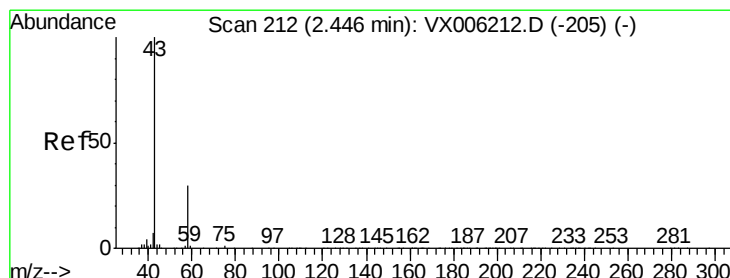
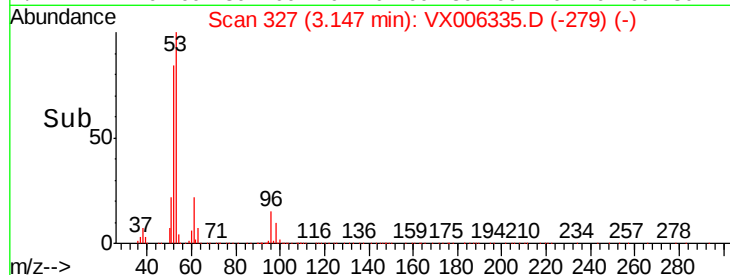
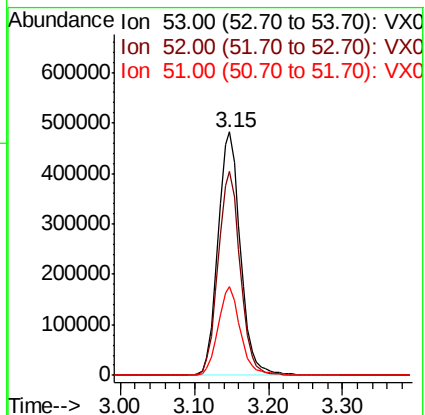
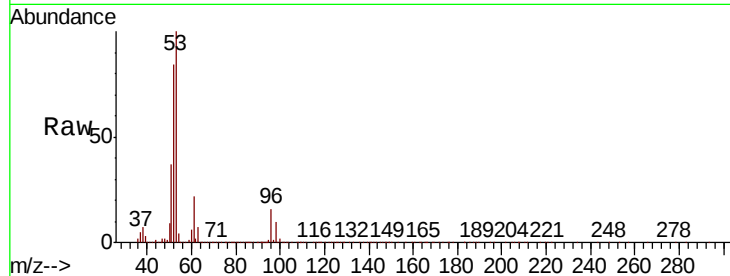
Tot Ion: 53 Resp: 999698

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.4

51 36.0 28.7 43.1



#16

Acetone

Concen: 230.372 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006335.D

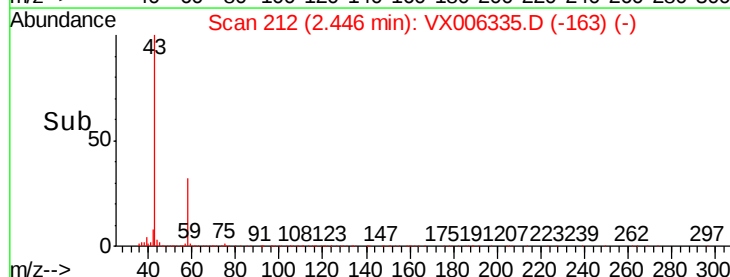
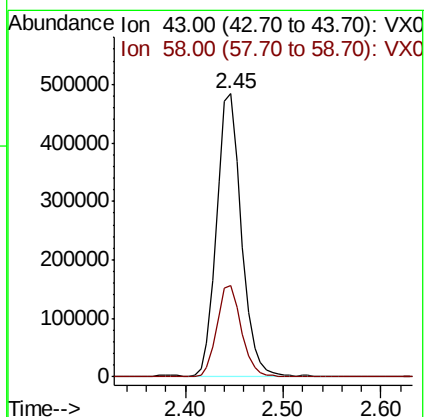
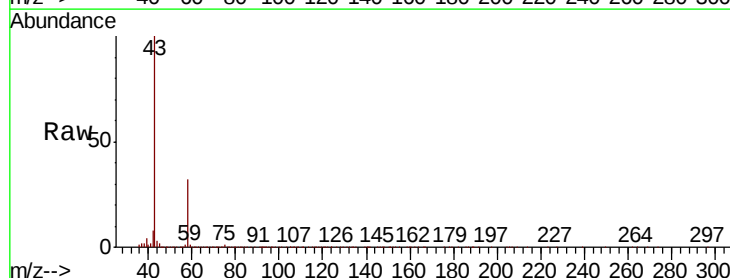
Acq: 07 Dec 2018 09:49

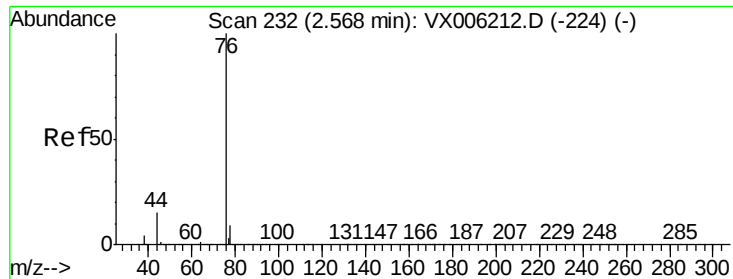
Tgt Ion: 43 Resp: 847257

Ion Ratio Lower Upper

43 100

58 32.1 24.0 36.0

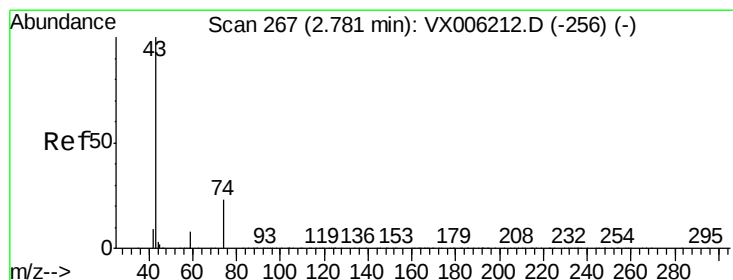
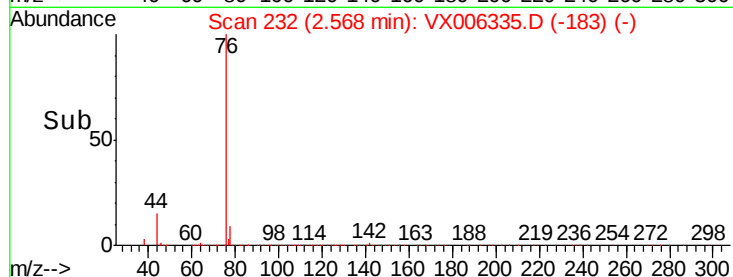
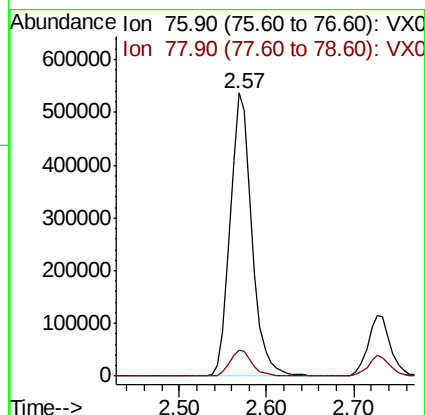
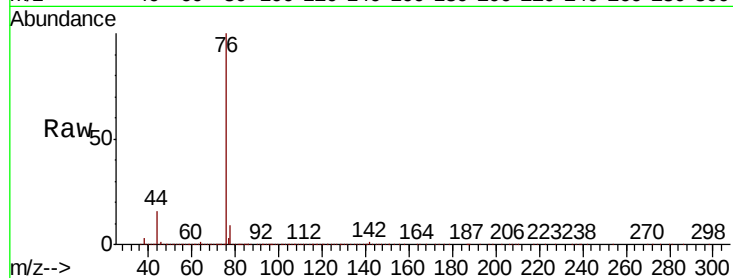




#17
Carbon Disulfide
Concen: 43.171 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

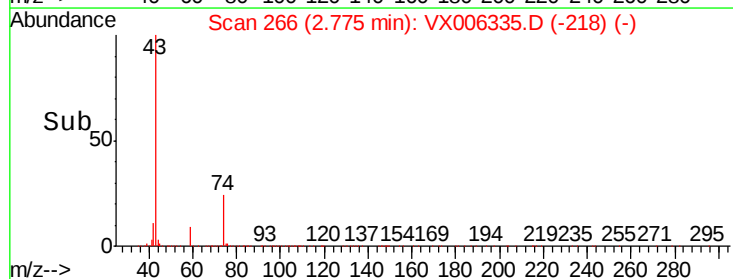
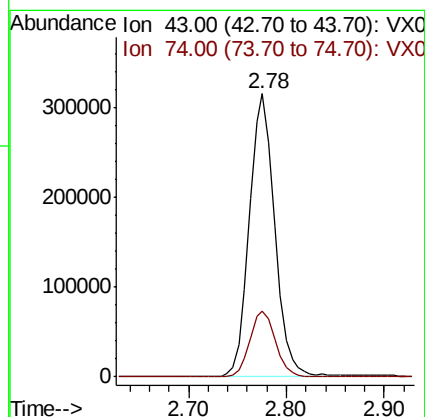
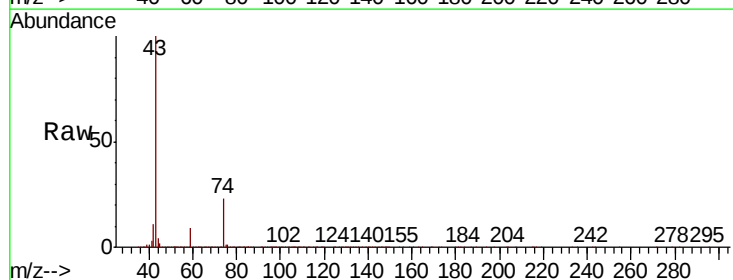
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

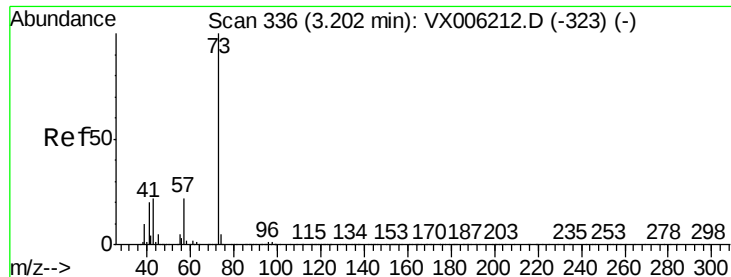
Tot Ion: 76 Resp: 924073
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 46.072 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 43 Resp: 566645
Ion Ratio Lower Upper
43 100
74 24.1 17.9 26.9



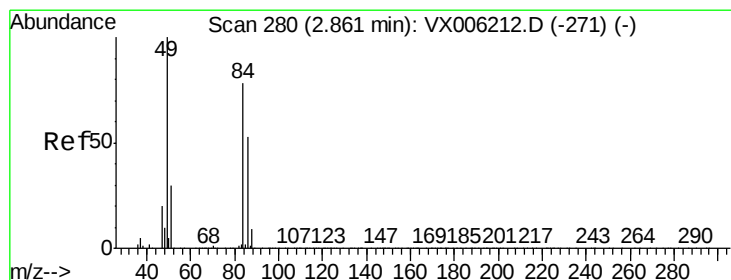
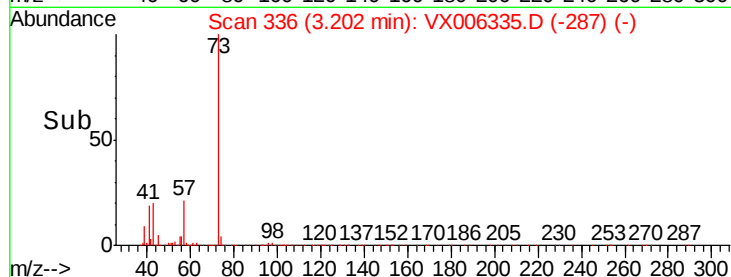
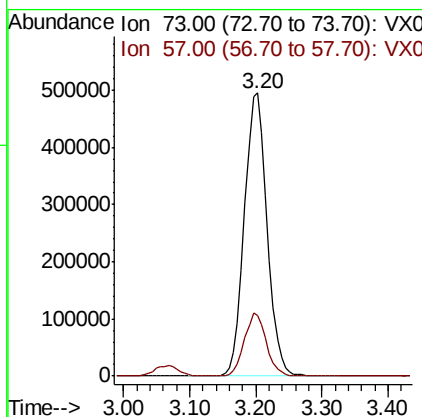
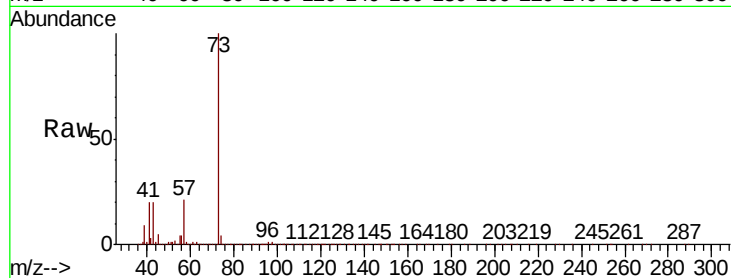


#19

Methyl tert-butyl Ether
 Concen: 47.788 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

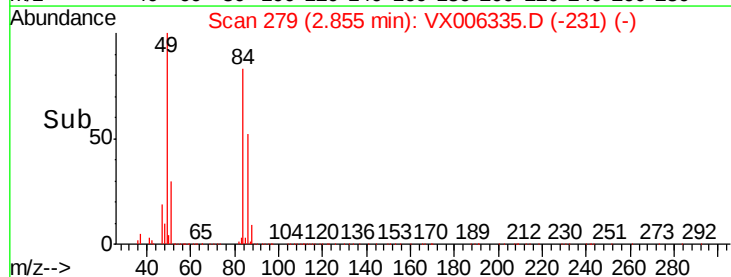
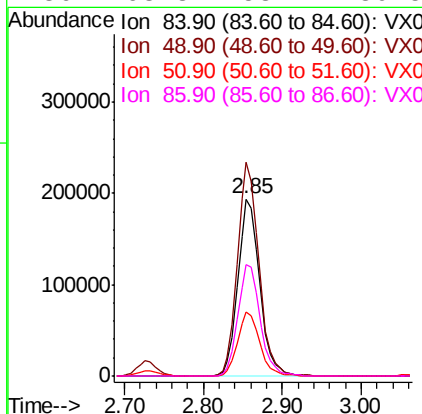
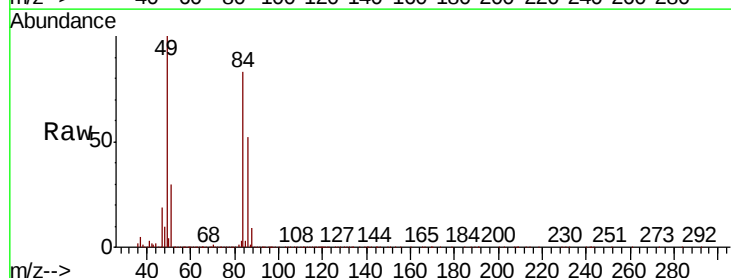
Tot Ion: 73 Resp: 1184218
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3



#20

Methylene Chloride
 Concen: 47.530 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 84 Resp: 372031
 Ion Ratio Lower Upper
 84 100
 49 120.8 102.2 153.4
 51 36.0 31.1 46.7
 86 63.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.913 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

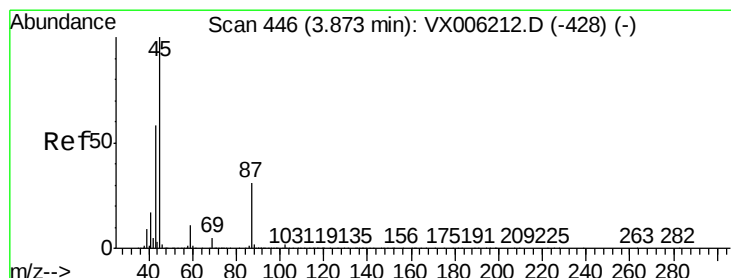
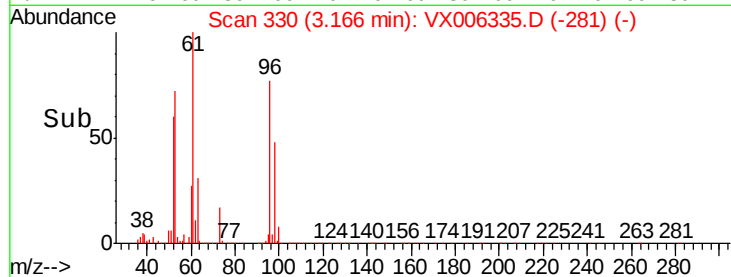
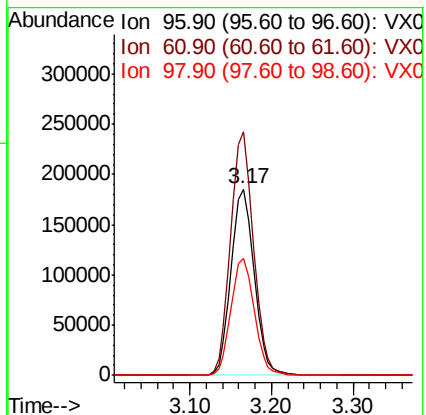
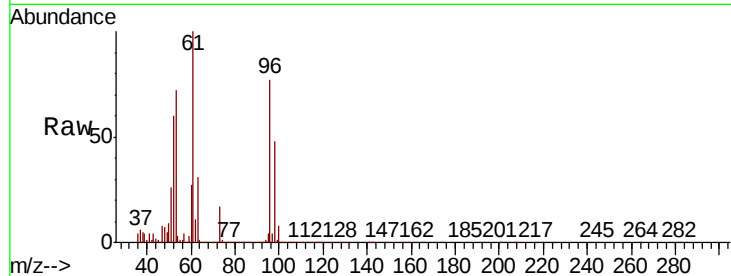
Tot Ion: 96 Resp: 362086

Ion Ratio Lower Upper

96 100

61 130.5 113.3 169.9

98 62.7 53.2 79.8



#22

Diisopropyl ether

Concen: 53.833 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion: 45 Resp: 1153830

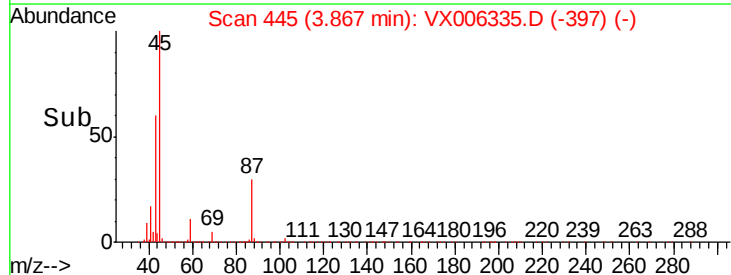
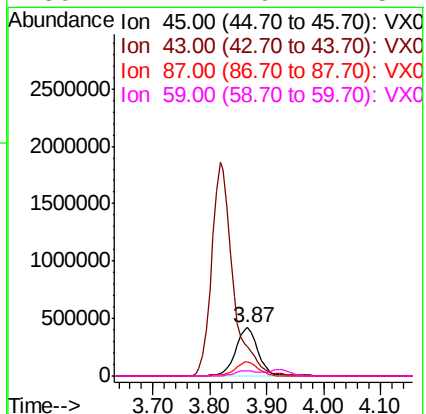
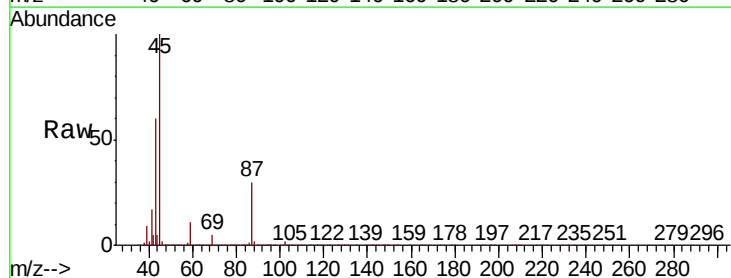
Ion Ratio Lower Upper

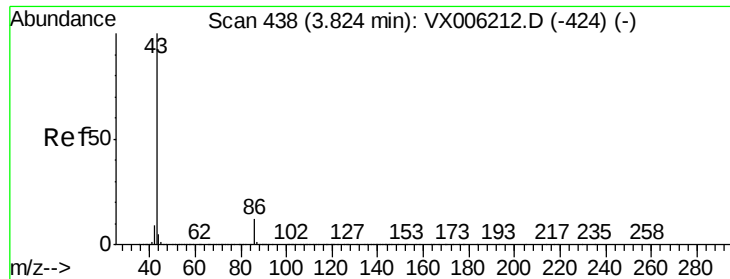
45 100

43 59.5 46.2 69.2

87 30.1 24.9 37.3

59 11.2 9.1 13.7

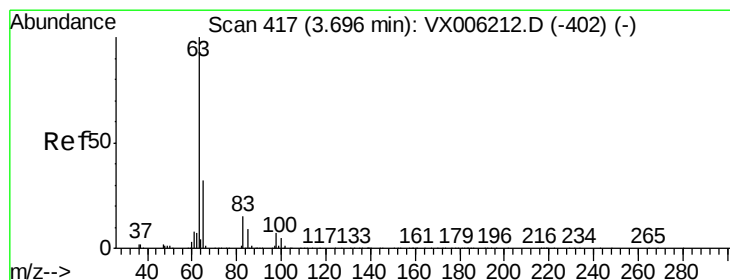
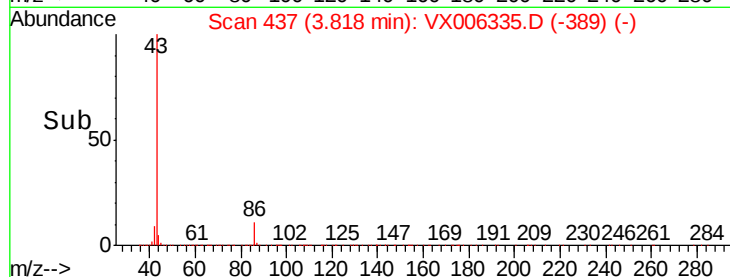
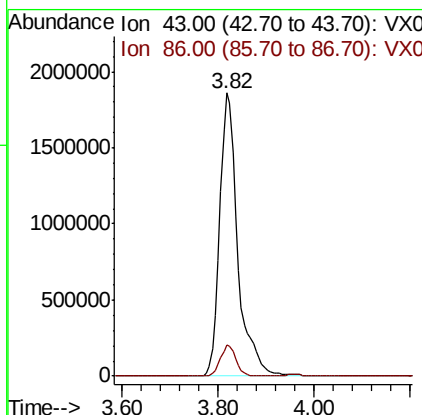
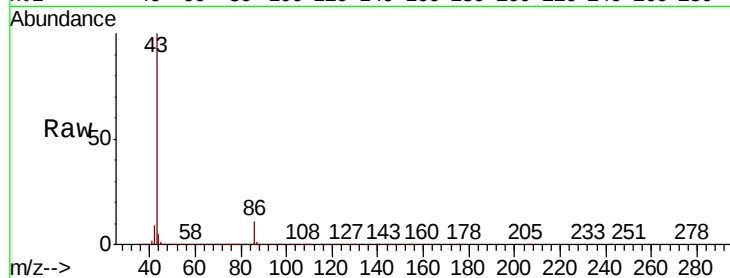




#23
 Vinyl Acetate
 Concen: 265.742 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

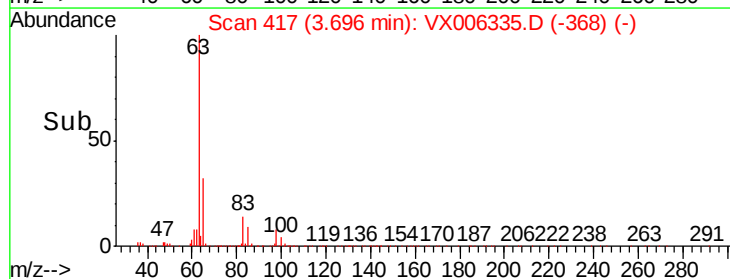
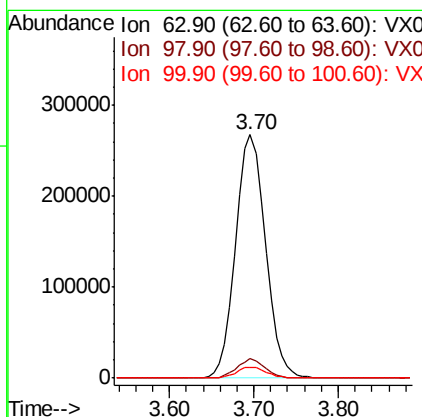
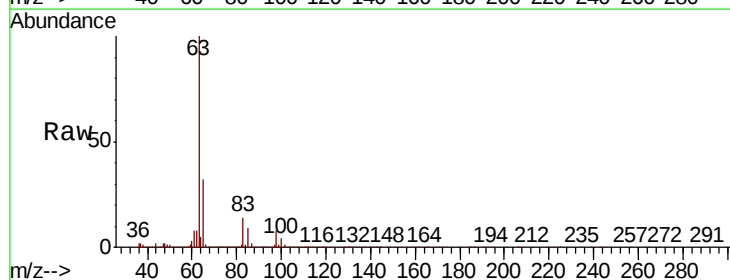
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

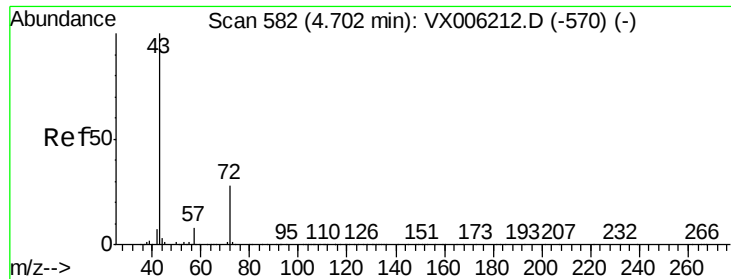
Tot Ion: 43 Resp: 4857991
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 52.457 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 63 Resp: 642643
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.3 2.5 7.4





#25

2-Butanone

Concen: 237.581 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

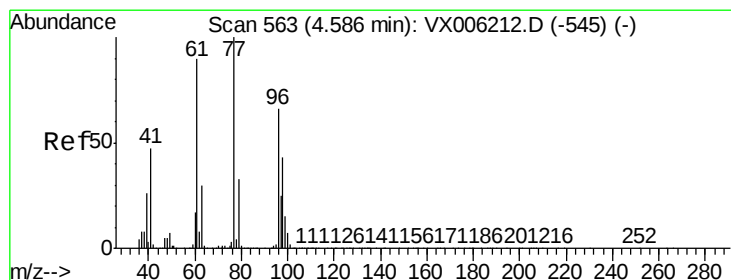
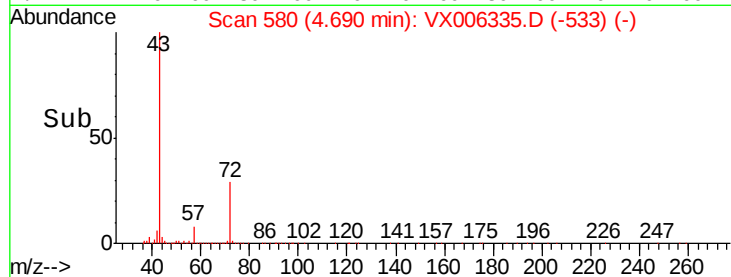
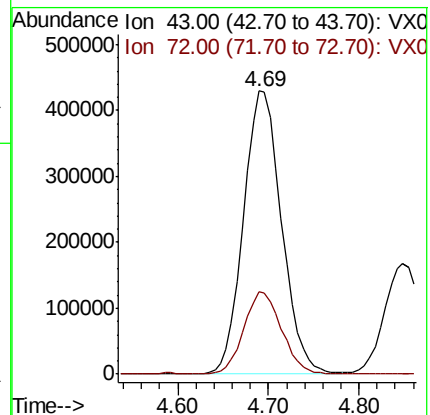
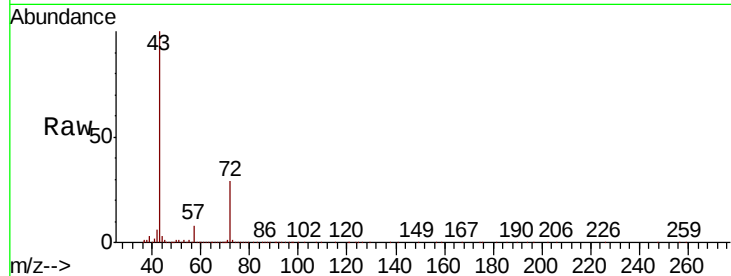
VSTDCCC050

Tot Ion: 43 Resp: 1246746

Ion Ratio Lower Upper

43 100

72 28.9 22.6 33.8



#26

2,2-Dichloropropane

Concen: 52.502 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006335.D

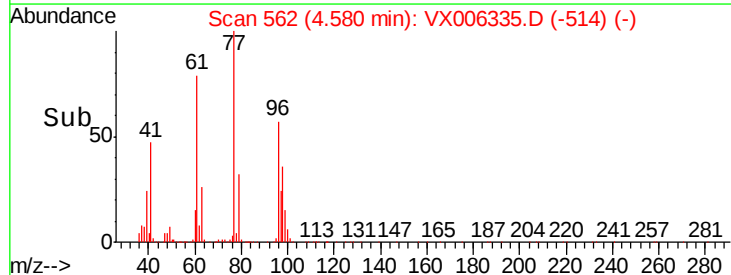
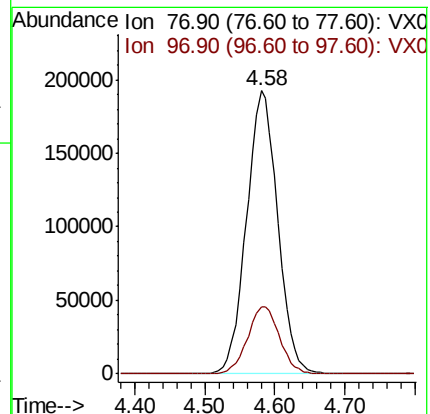
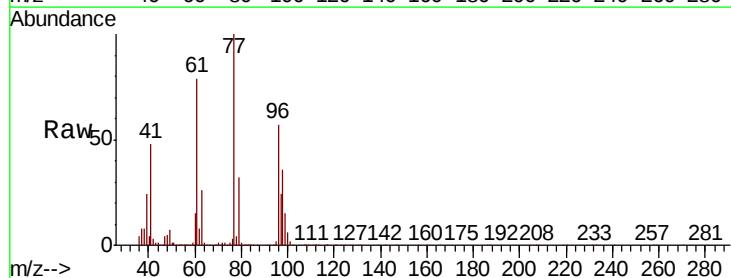
Acq: 07 Dec 2018 09:49

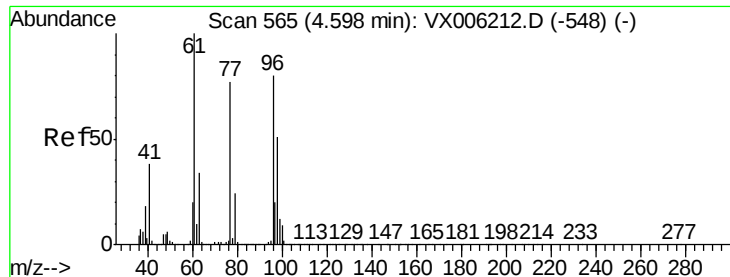
Tgt Ion: 77 Resp: 593590

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.8



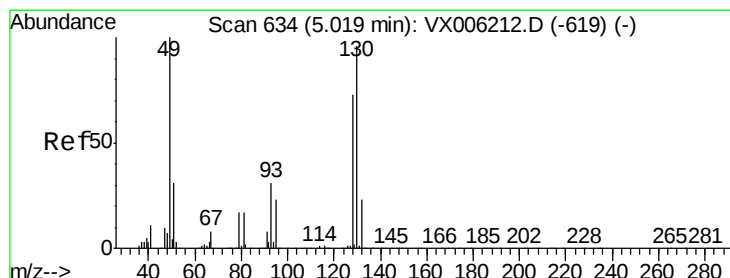
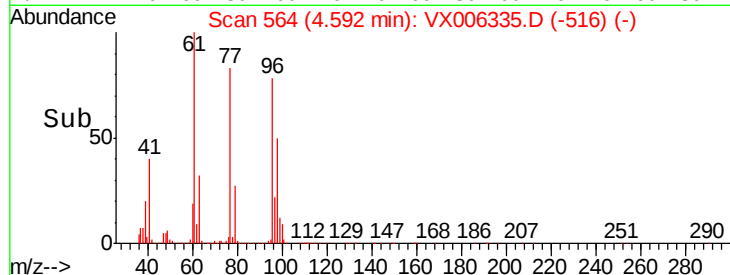
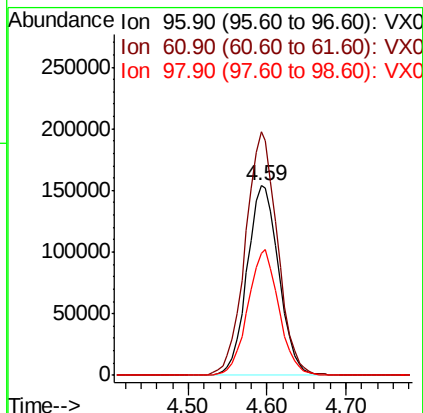
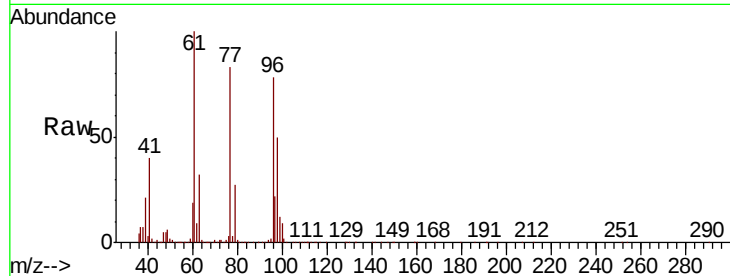


#27

cis-1,2-Dichloroethene
 Concen: 52.122 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

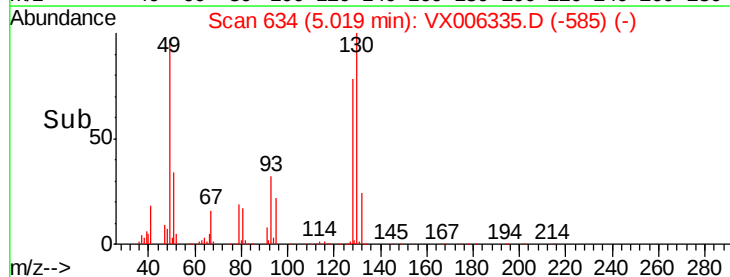
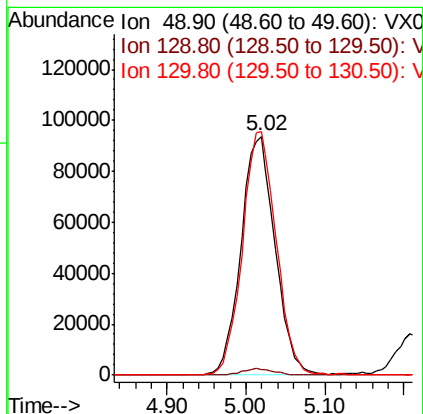
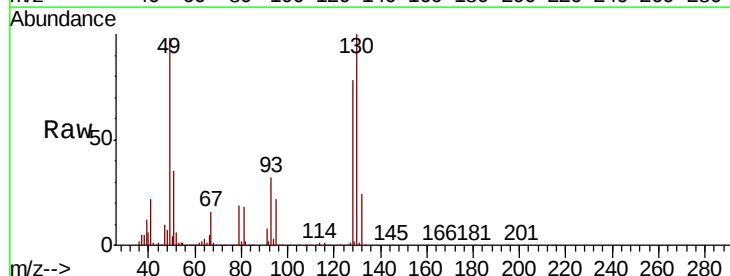
Tot Ion	96	Resp	430384
Ion Ratio	Lower	Upper	
96	100		
61	129.7	0.0	265.0
98	64.4	0.0	130.2

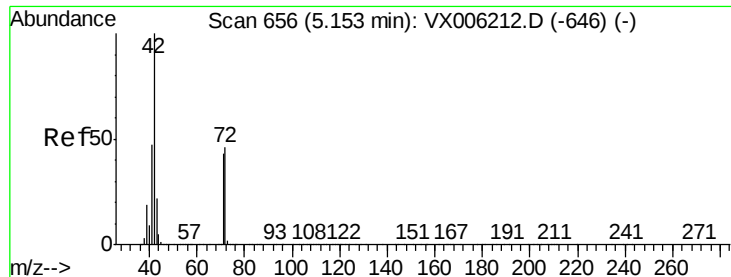


#28

Bromochloromethane
 Concen: 52.651 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	49	Resp	281741
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	5.0
130	100.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 226.395 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

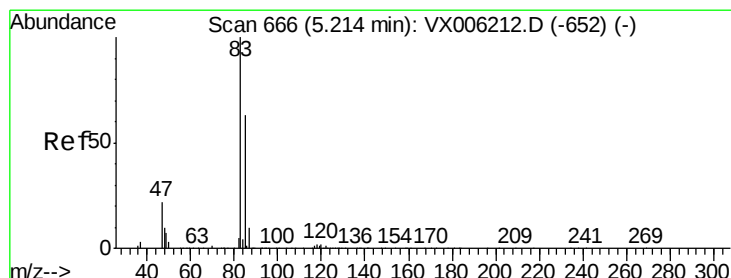
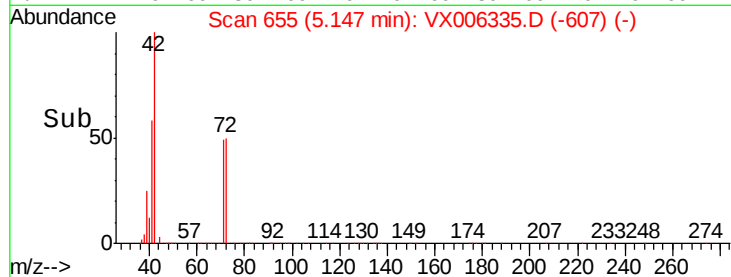
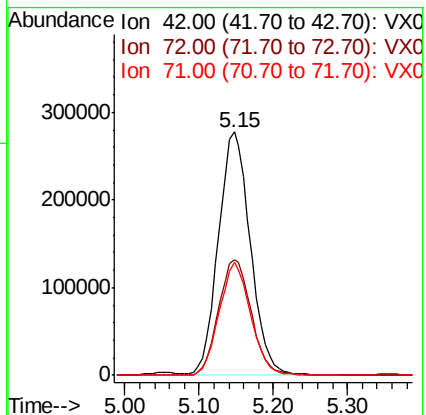
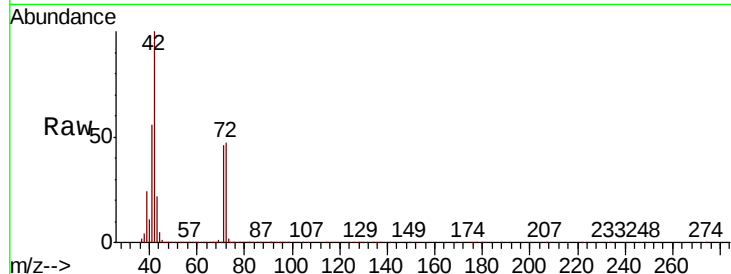
Tot Ion: 42 Resp: 825690

Ion Ratio Lower Upper

42 100

72 48.9 37.8 56.8

71 45.6 35.2 52.8



#30

Chloroform

Concen: 51.824 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006335.D

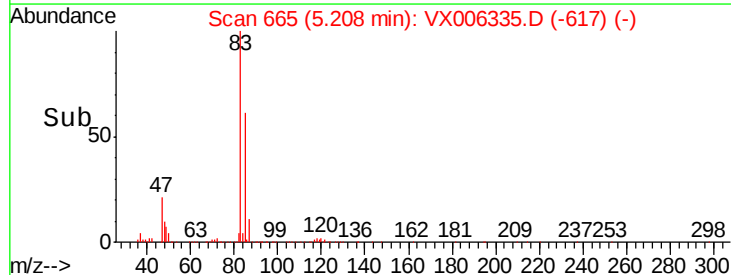
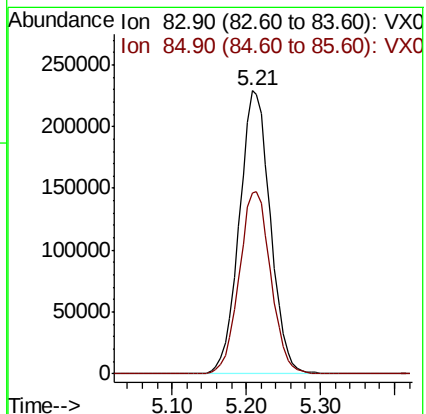
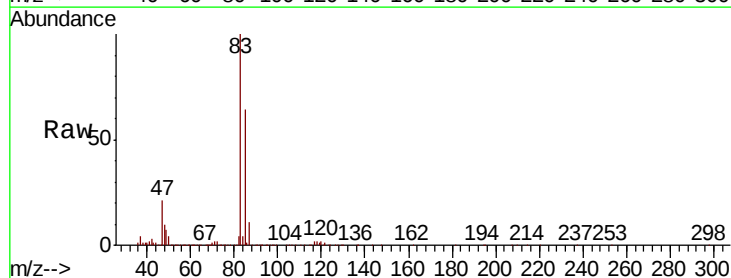
Acq: 07 Dec 2018 09:49

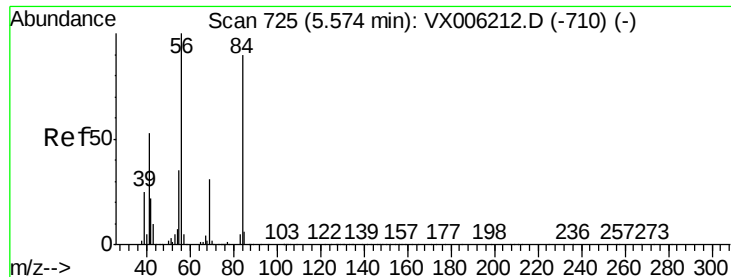
Tgt Ion: 83 Resp: 667188

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

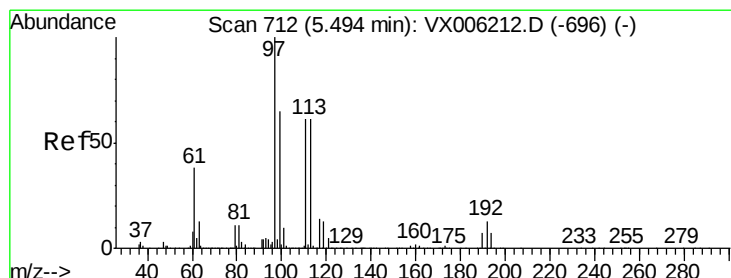
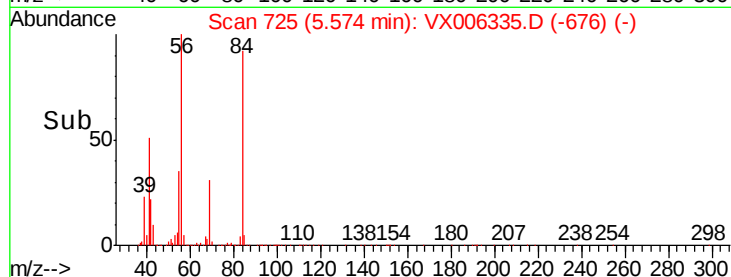
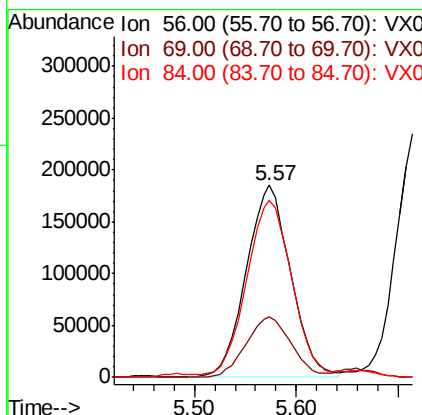
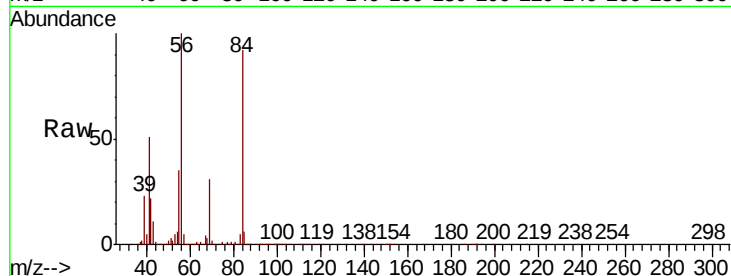




#31
Cyclohexane
Concen: 49.046 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

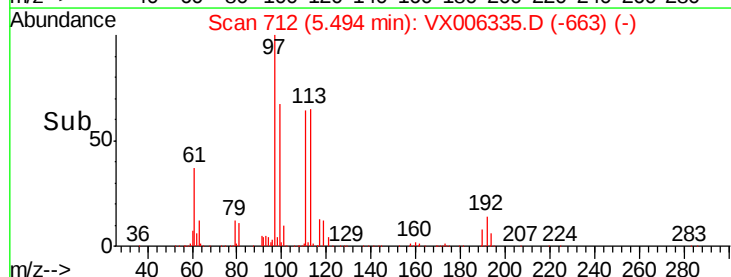
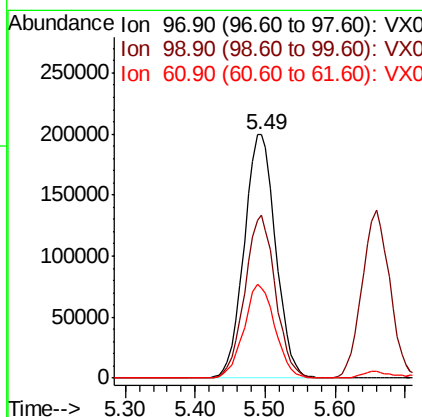
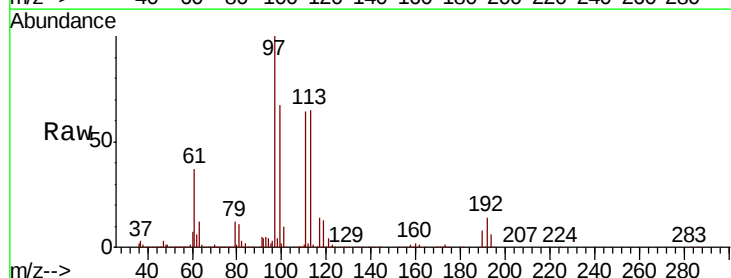
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 555279
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 90.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.868 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 97 Resp: 623089
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 38.1 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.901 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

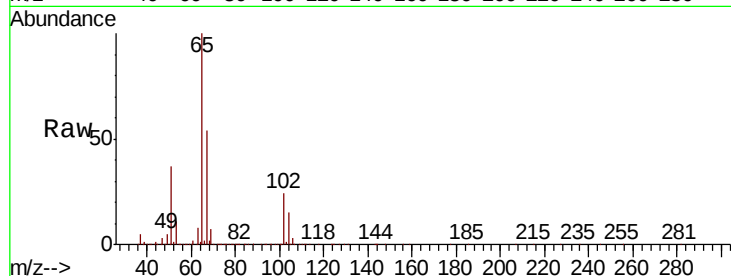
VSTDCCC050

Tot Ion: 65 Resp: 383229

Ion Ratio Lower Upper

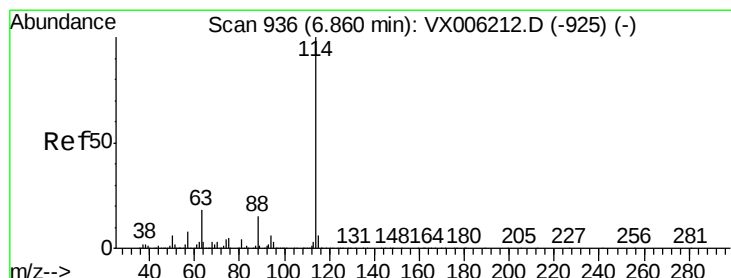
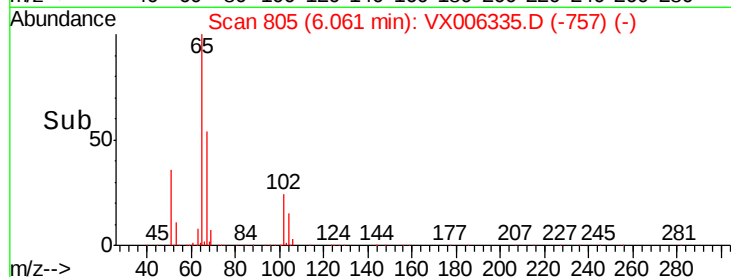
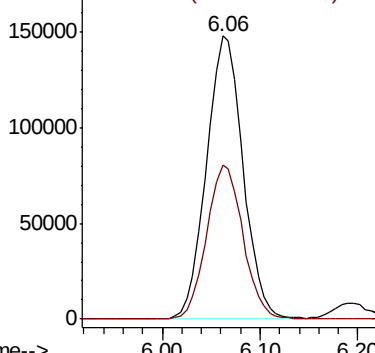
65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

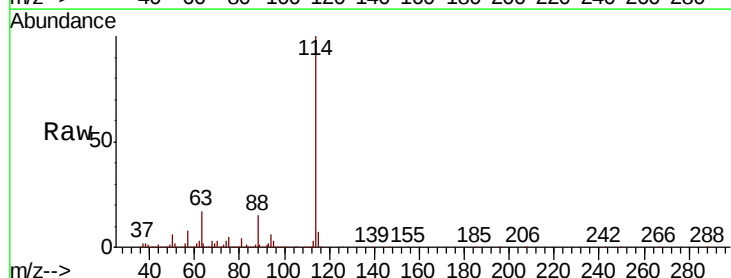
Tgt Ion: 114 Resp: 1122752

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

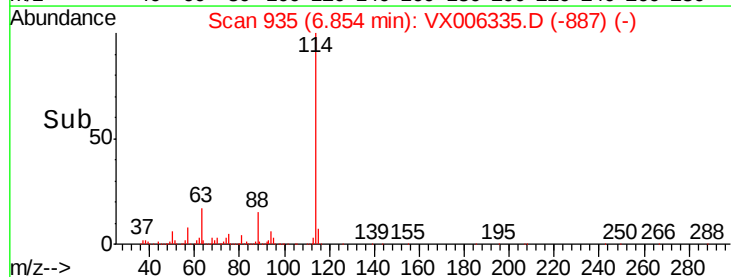
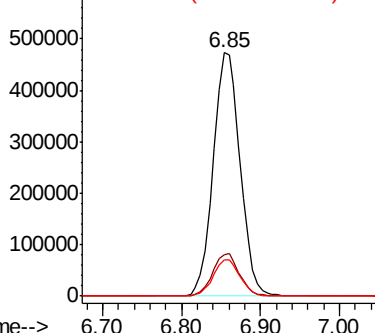
88 14.9 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

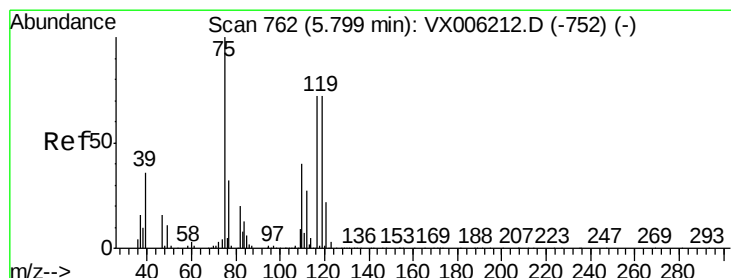
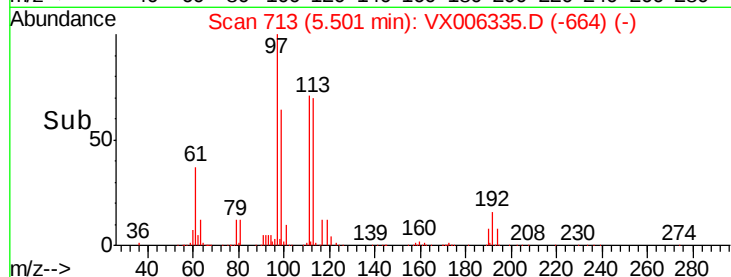
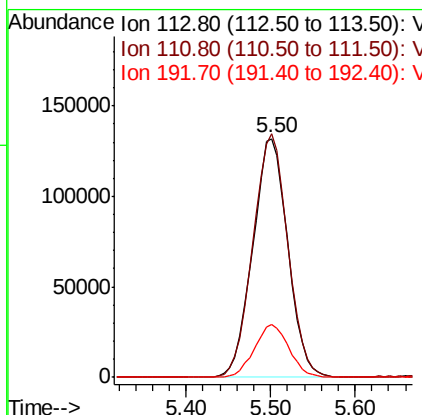
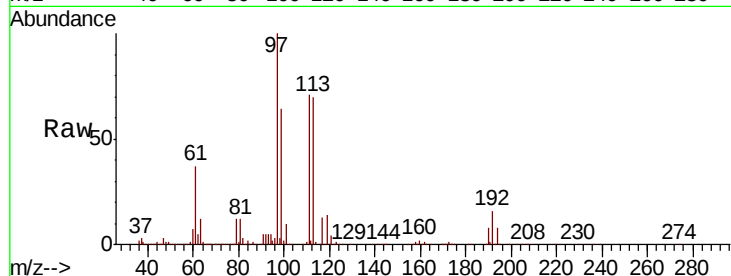




#35
 Dibromofluoromethane
 Concen: 51.730 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

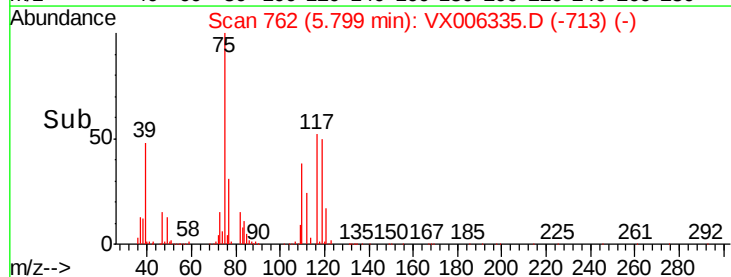
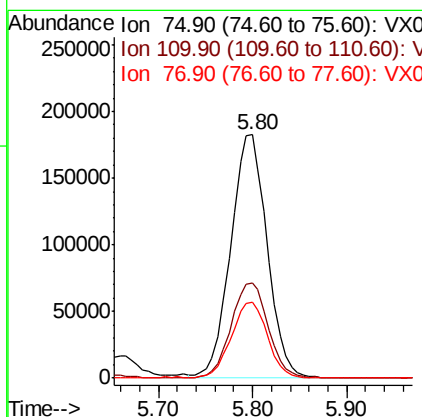
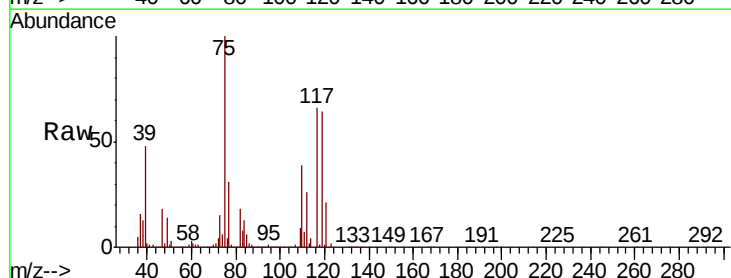
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

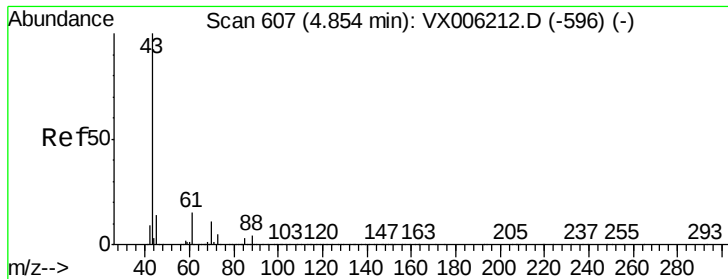
Tot Ion:113 Resp: 376042
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 21.8 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 51.889 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 75 Resp: 490593
 Ion Ratio Lower Upper
 75 100
 110 40.1 20.4 61.3
 77 31.1 24.9 37.3

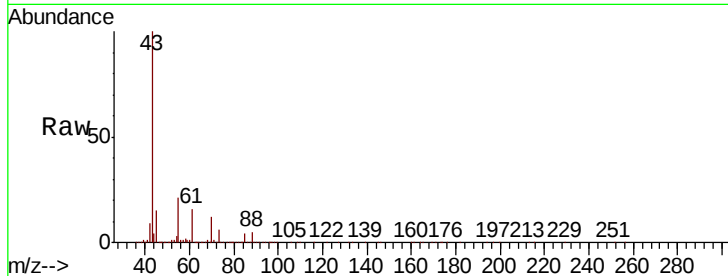




#37
Ethyl Acetate
Concen: 46.502 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.5	9.0	13.6

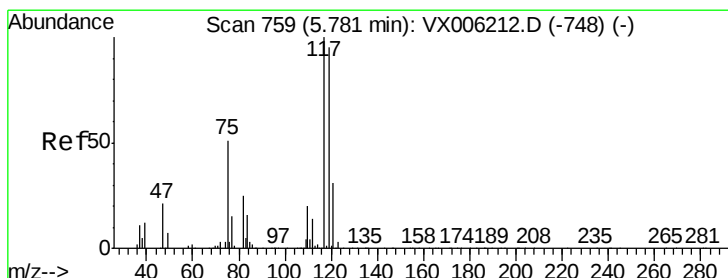
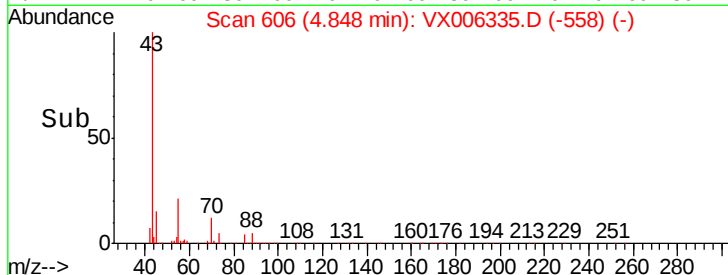
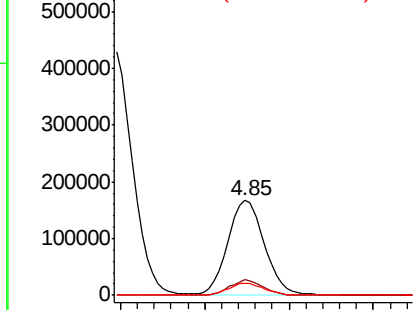


Abundance

Ion 43.00 (42.70 to 43.70): VX0

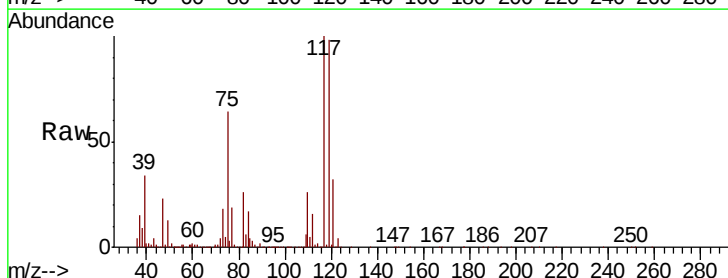
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 51.498 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
121	31.8	24.6	37.0

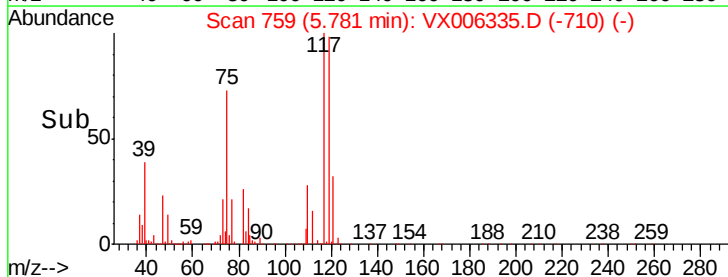
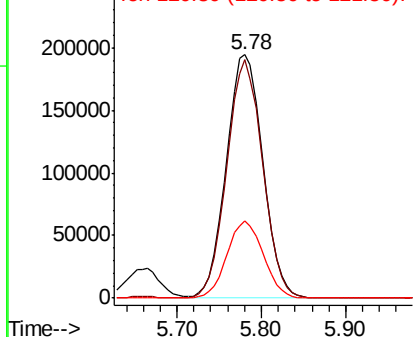


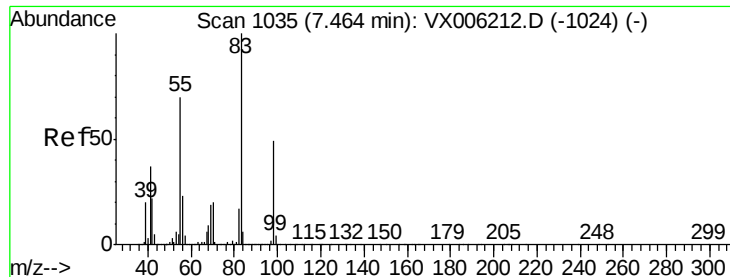
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

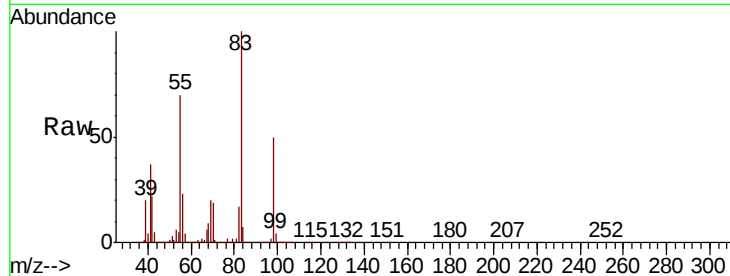




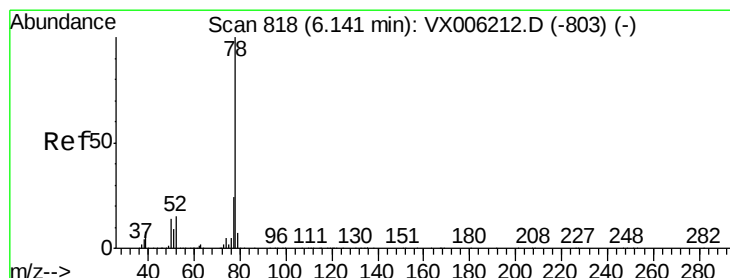
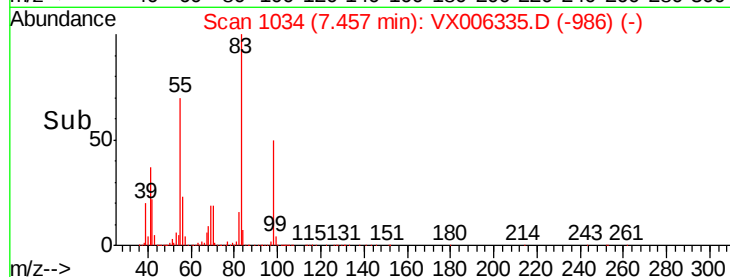
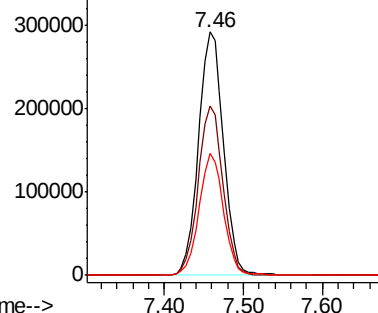
#39
Methvlcvclohexane
Concen: 52.336 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	56.4	84.6
98	50.2	39.0	58.6

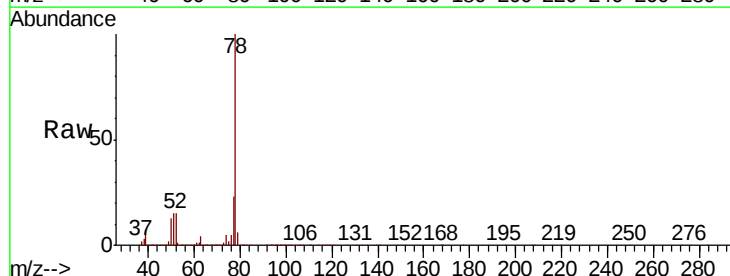


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

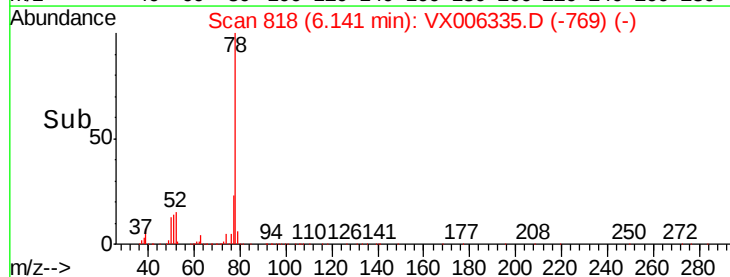
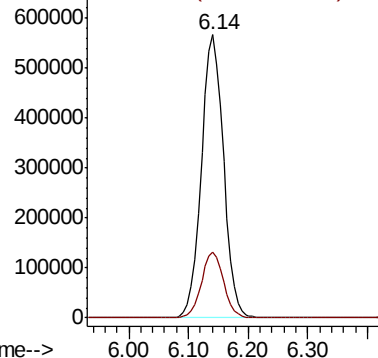


#40
Benzene
Concen: 51.584 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	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: 47.492 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 276696

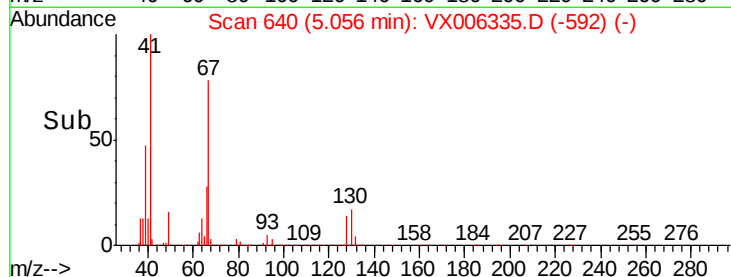
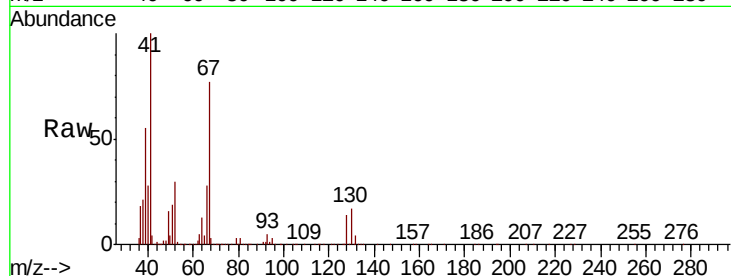
Ion Ratio Lower Upper

41 100

39 54.9 44.0 66.0

67 77.9 61.4 92.0

52 29.6 23.5 35.3

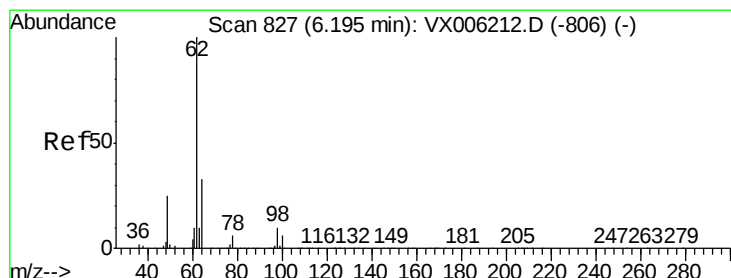
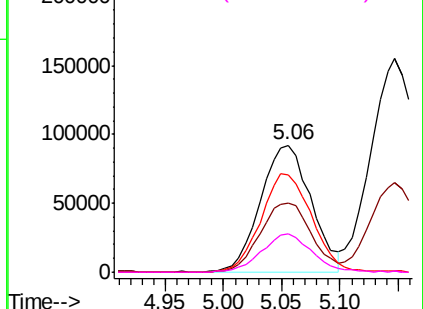


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.595 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006335.D

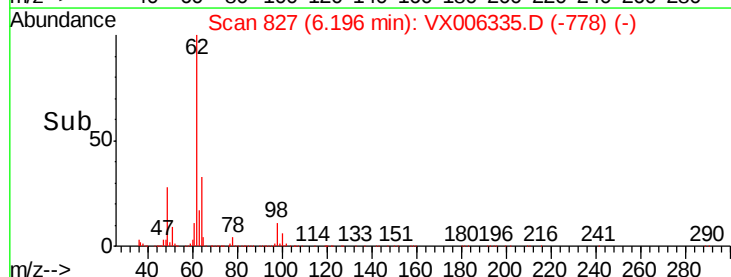
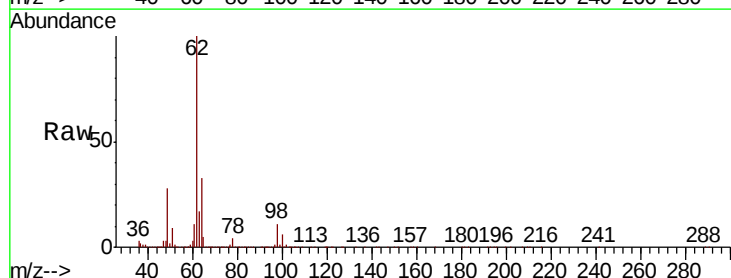
Acq: 07 Dec 2018 09:49

Tgt Ion: 62 Resp: 487447

Ion Ratio Lower Upper

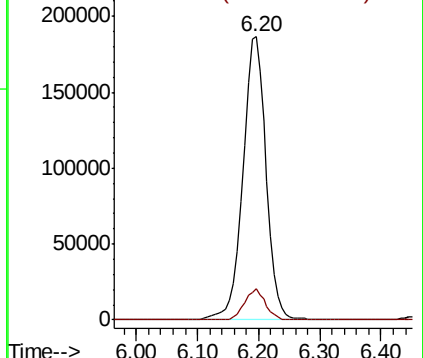
62 100

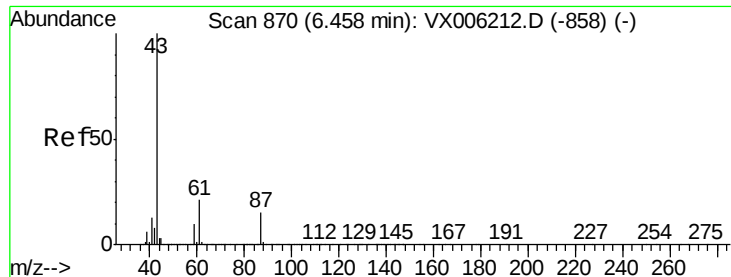
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



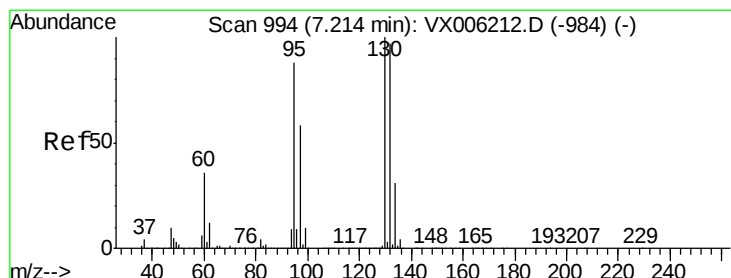
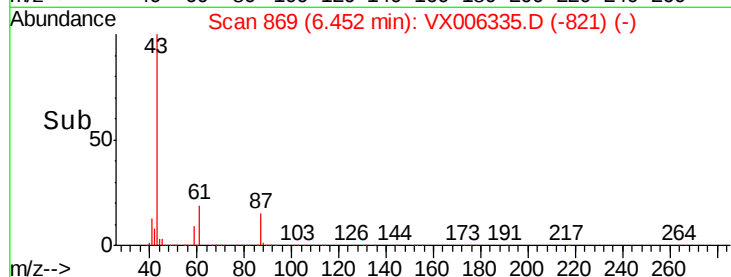
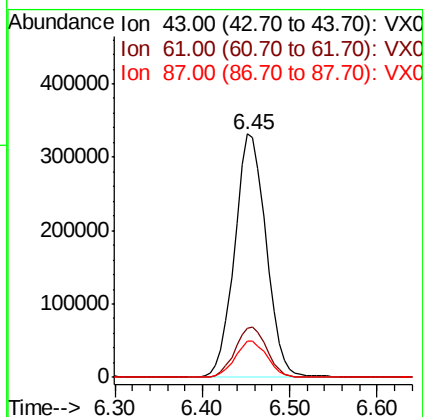
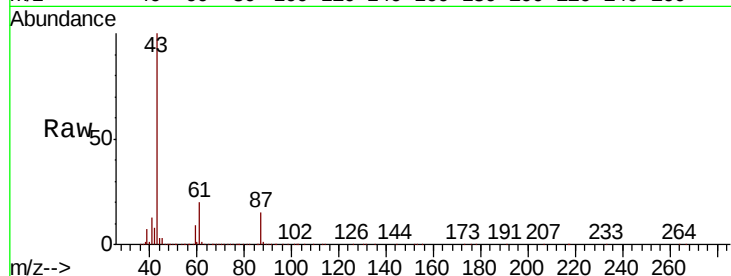


#43

Isopropyl Acetate
 Concen: 46.931 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

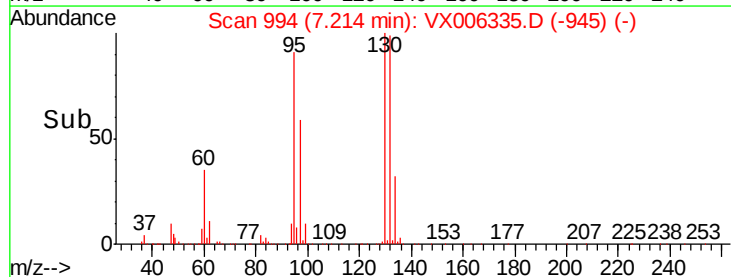
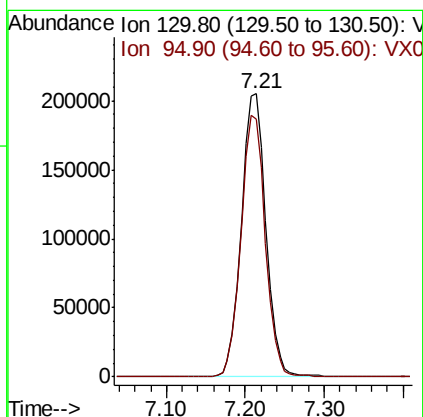
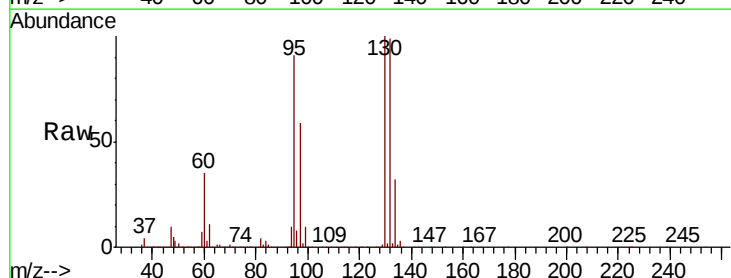
Tot Ion: 43 Resp: 828483
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.8 25.2
 87 15.4 11.9 17.9



#44

Trichloroethene
 Concen: 51.772 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion:130 Resp: 444138
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 175.8





#45

1,2-Dichloropropane

Concen: 50.863 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

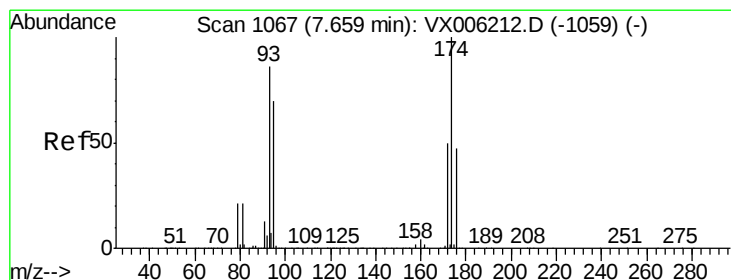
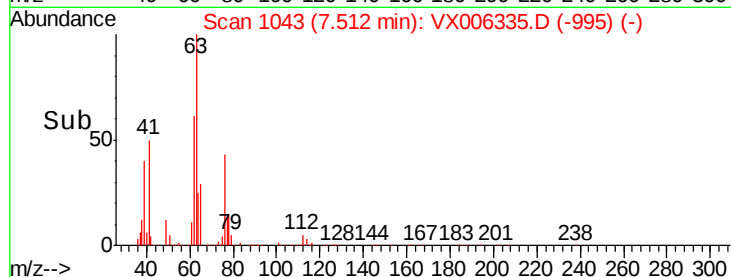
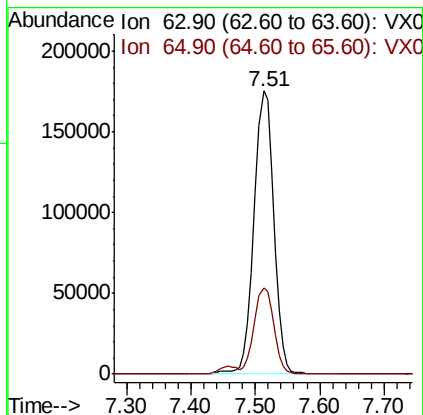
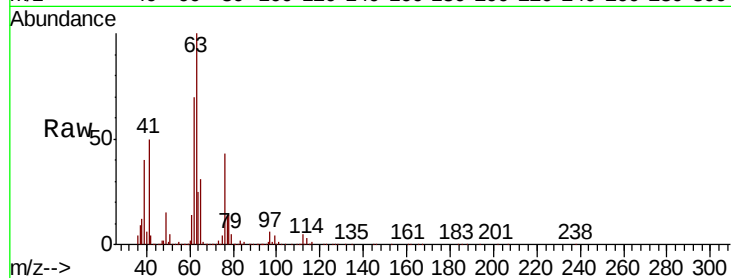
VSTDCCC050

Tot Ion: 63 Resp: 366061

Ion Ratio Lower Upper

63 100

65 30.7 24.3 36.5



#46

Dibromomethane

Concen: 51.370 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

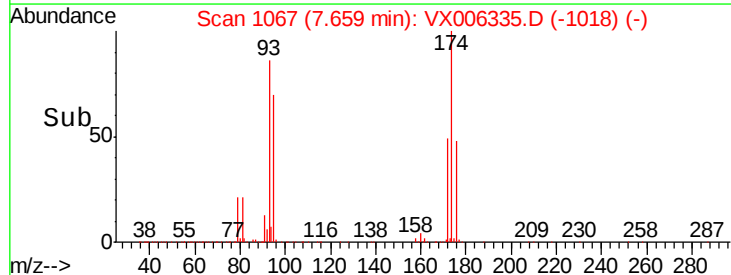
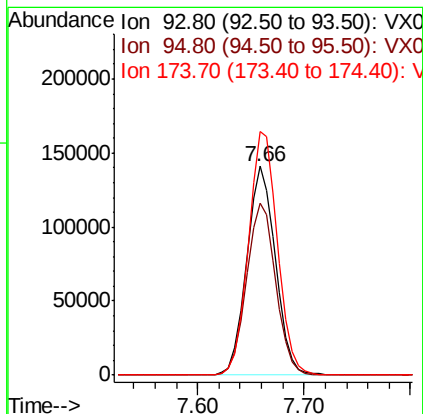
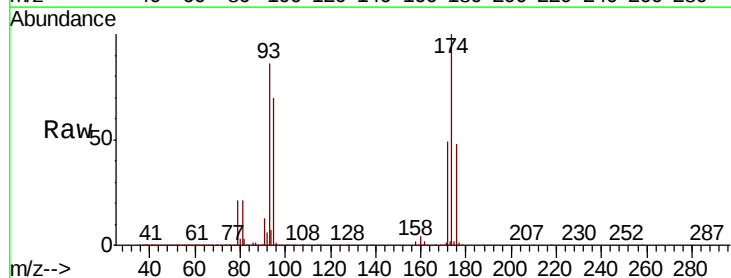
Tgt Ion: 93 Resp: 267013

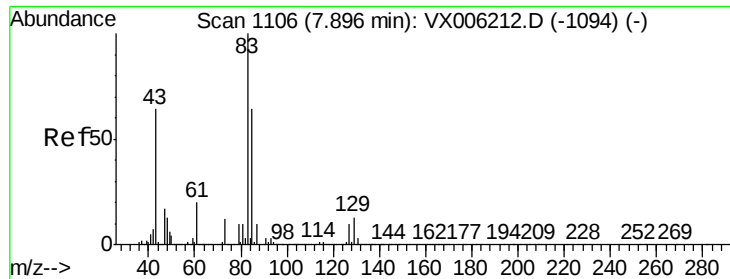
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 118.0 97.2 145.8





#47

Bromodichloromethane

Concen: 50.893 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

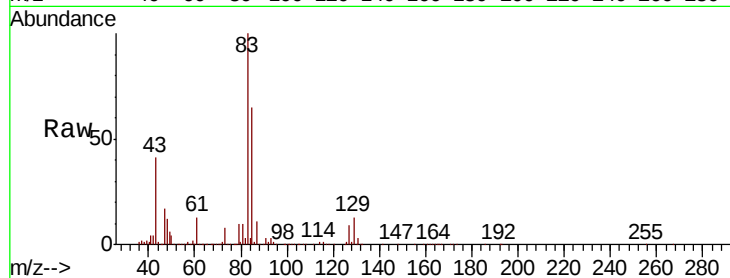
Tot Ion: 83 Resp: 512277

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

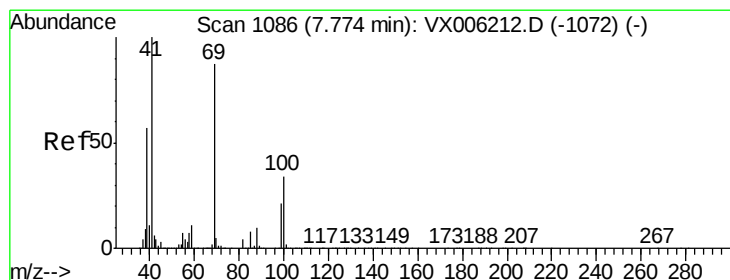
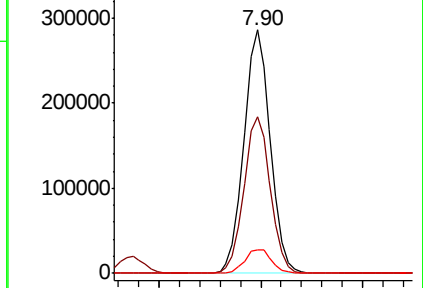
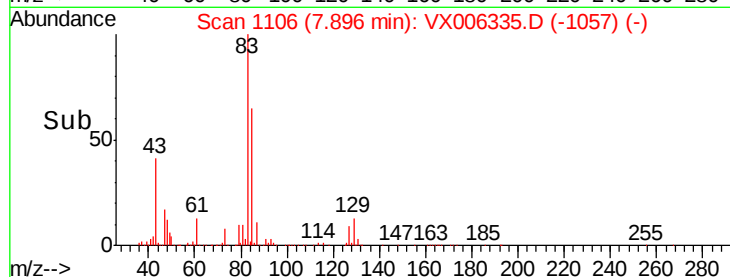
127 9.4 7.9 11.9



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: 47.742 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

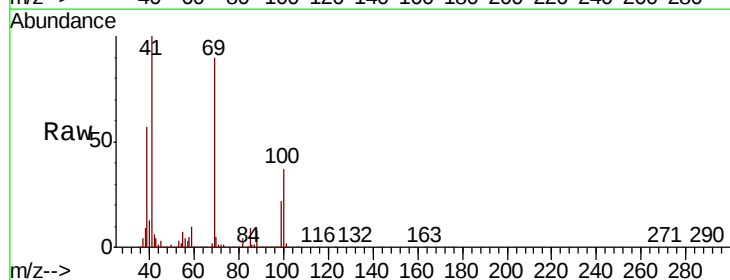
Tgt Ion: 41 Resp: 410012

Ion Ratio Lower Upper

41 100

69 89.7 70.3 105.5

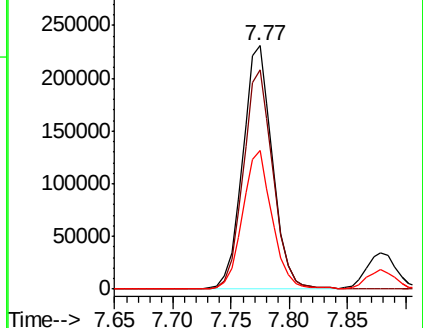
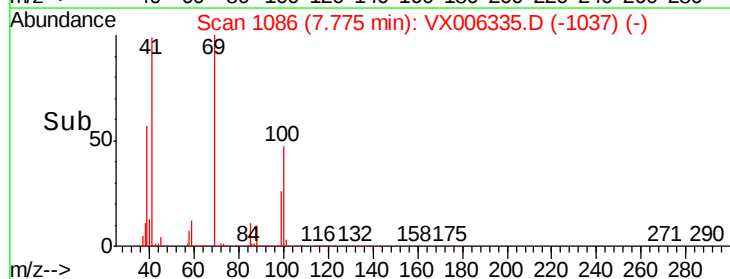
39 56.3 45.3 67.9

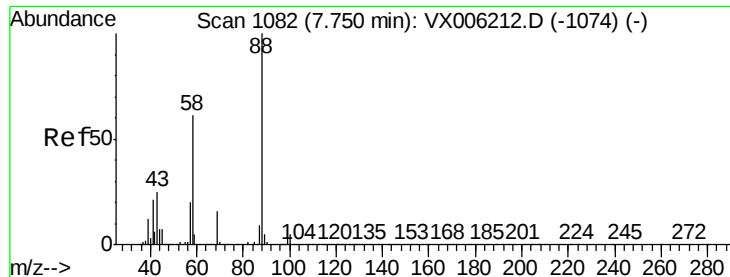


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

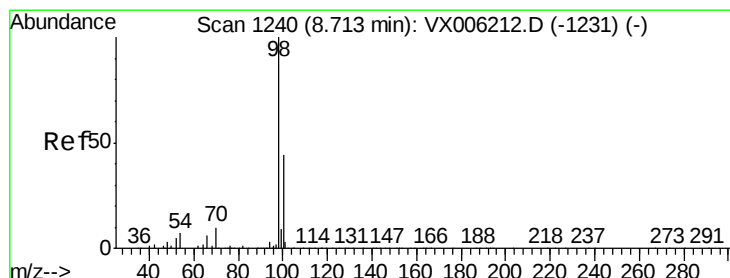
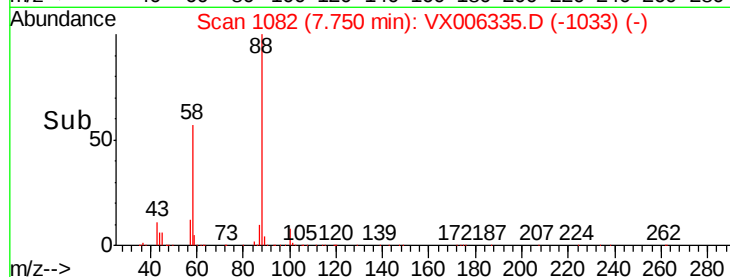
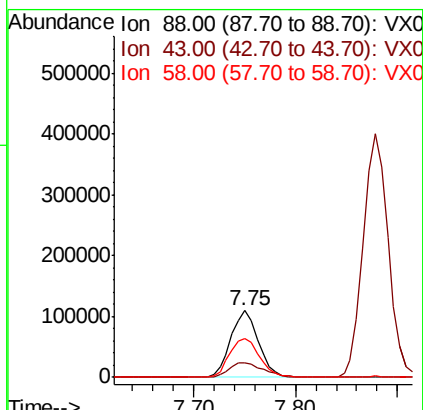
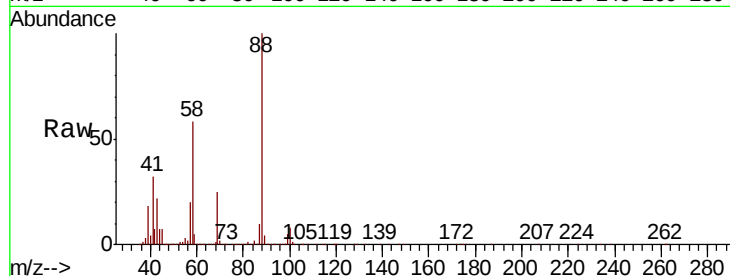




#49
1,4-Dioxane
Concen: 971.864 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

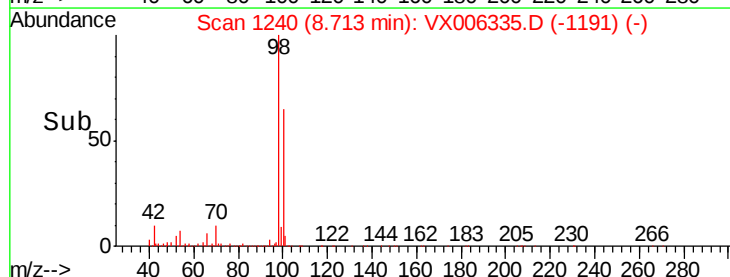
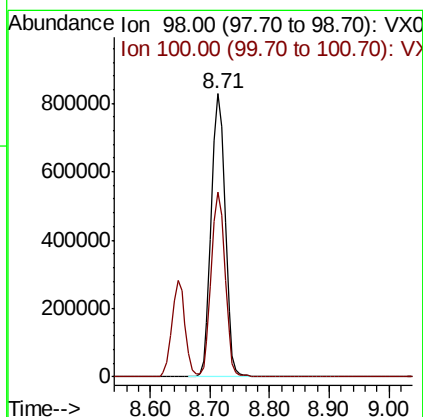
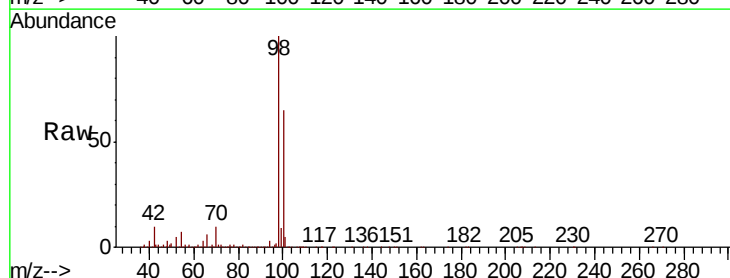
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.2	34.8
58	63.6	51.4	77.0



#50
Toluene-d8
Concen: 50.229 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

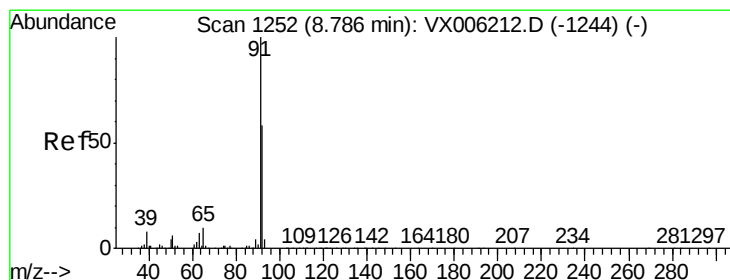
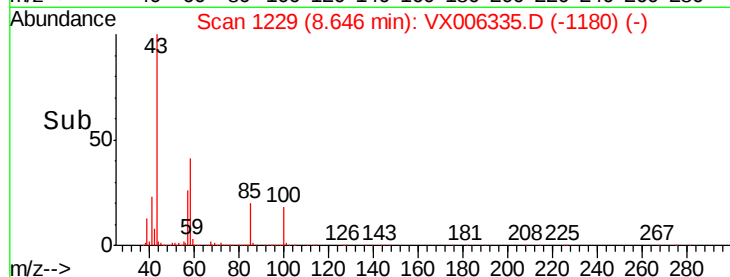
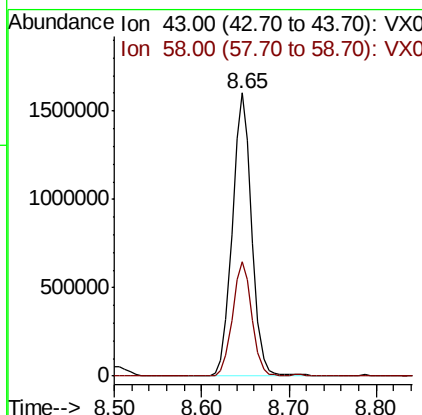
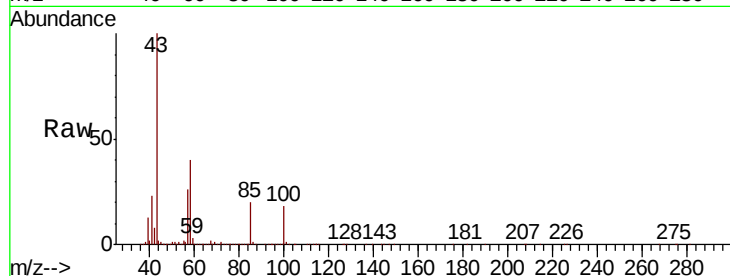




#51
 4-Methyl-2-Pentanone
 Concen: 241.435 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

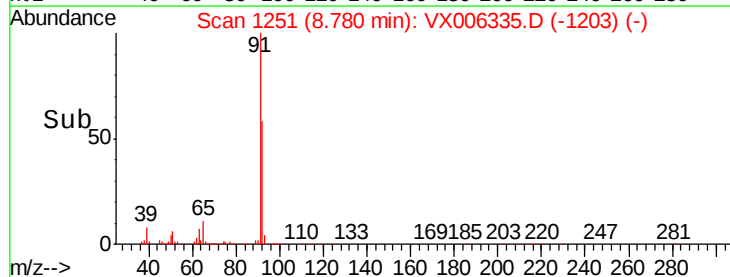
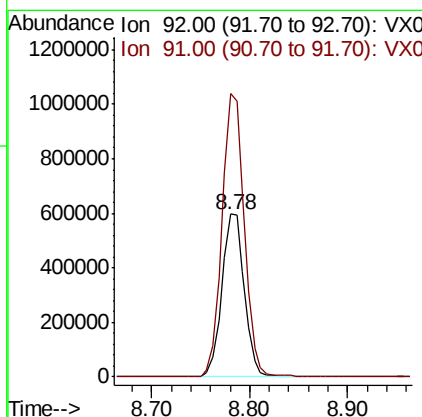
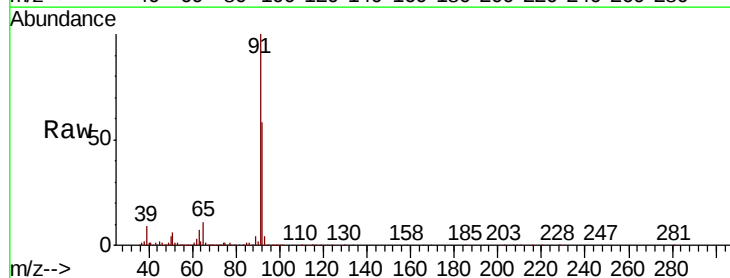
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

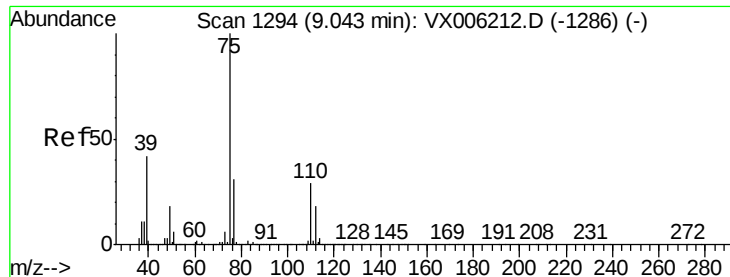
Tot Ion: 43 Resp: 2481172
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.3 46.9



#52
 Toluene
 Concen: 50.995 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 92 Resp: 950035
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.699 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

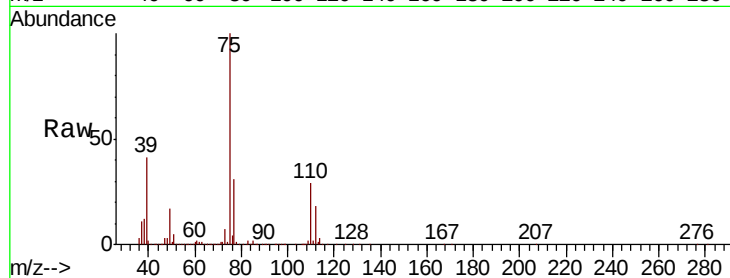
VSTDCCC050

Tot Ion: 75 Resp: 585055

Ion Ratio Lower Upper

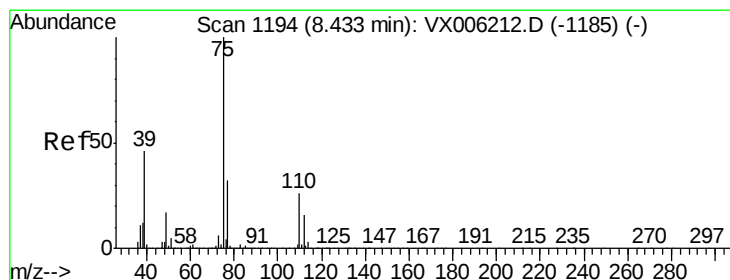
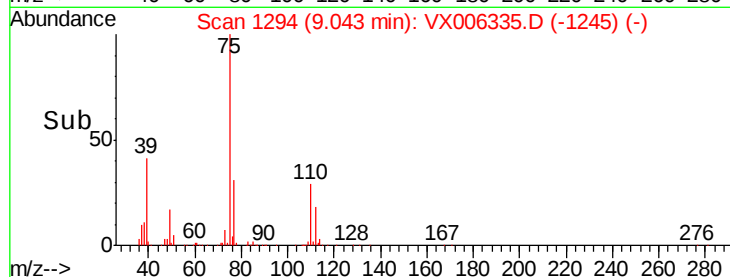
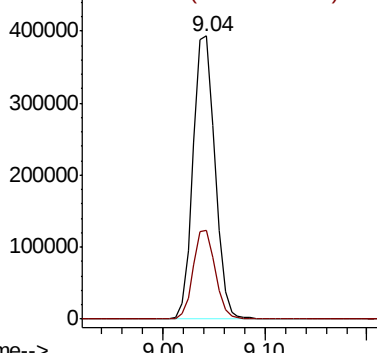
75 100

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.563 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

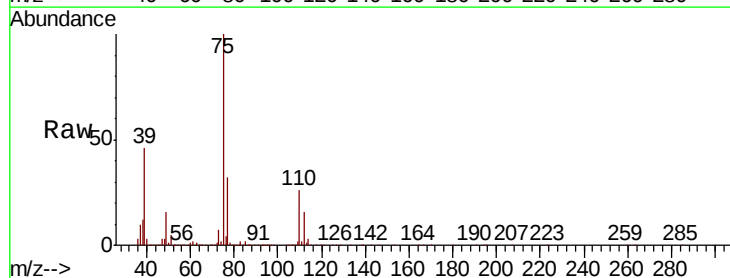
Tgt Ion: 75 Resp: 618078

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

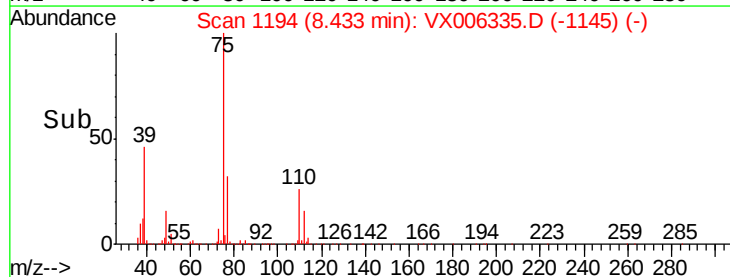
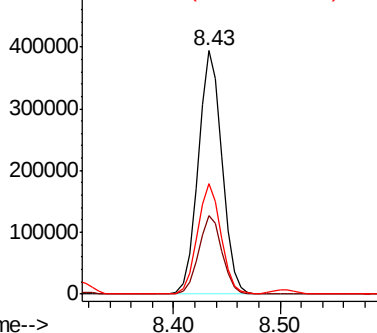
39 45.6 36.5 54.7



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

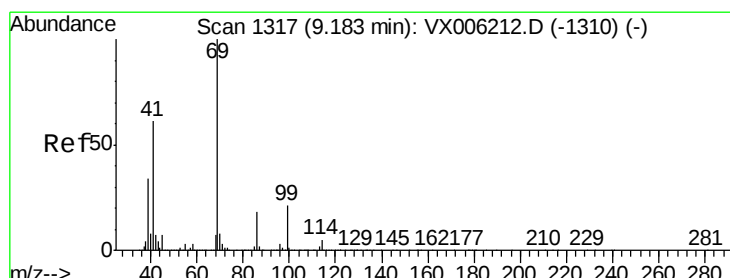
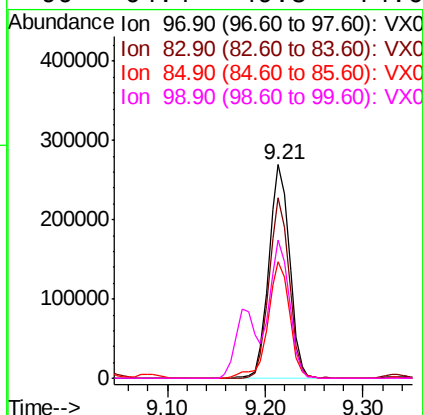
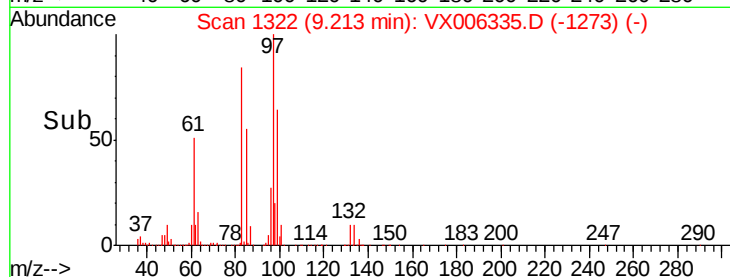
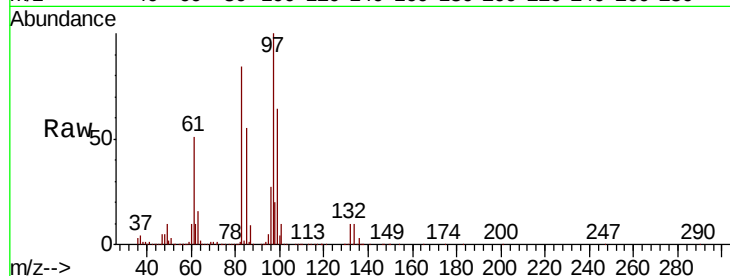




#55
 1,1,2-Trichloroethane
 Concen: 52.563 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

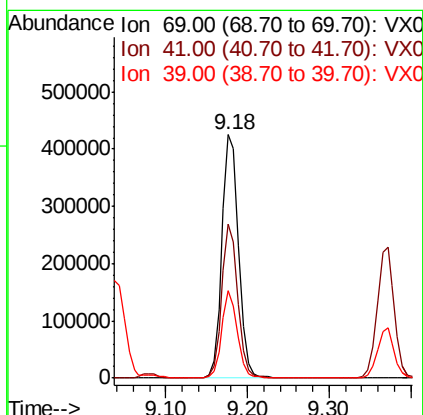
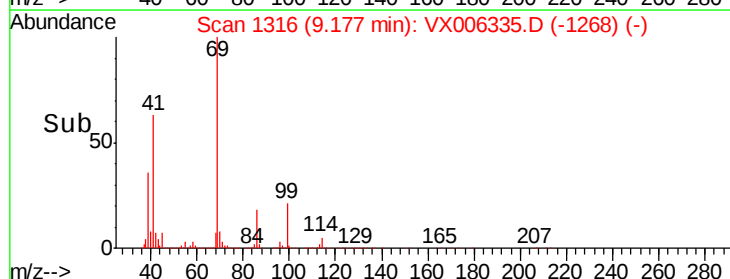
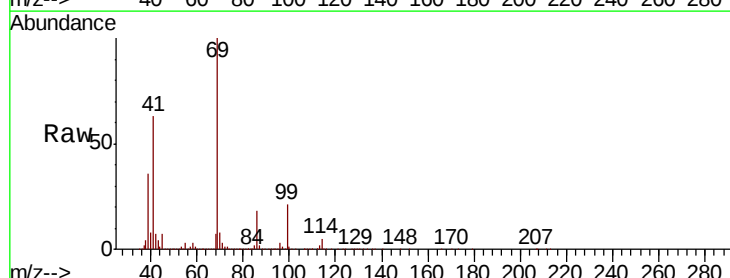
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

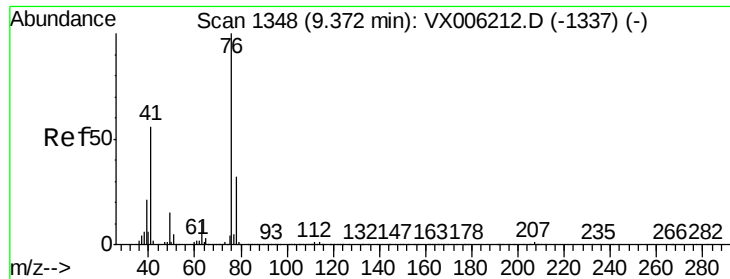
Tot Ion:	97	Resp:	397828
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	54.6	43.2	64.8
99	64.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 50.839 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion:	69	Resp:	601539
Ion	Ratio	Lower	Upper
69	100		
41	61.2	50.6	76.0
39	33.6	27.6	41.4

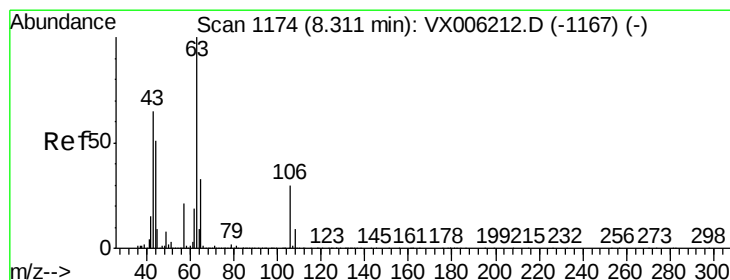
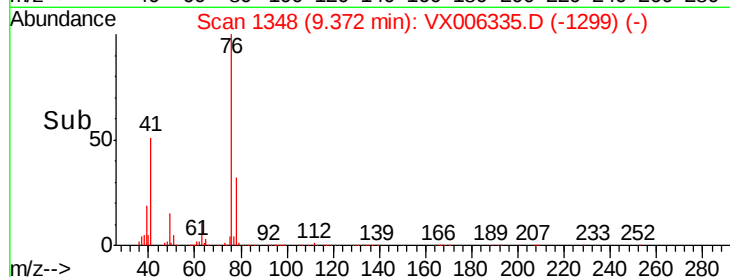
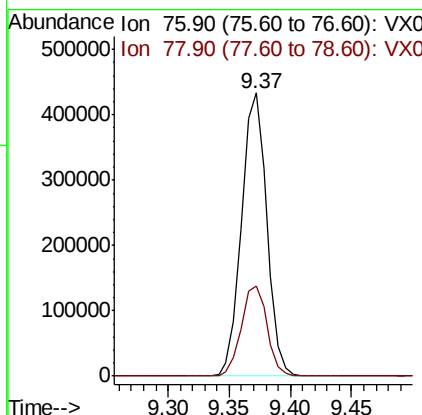
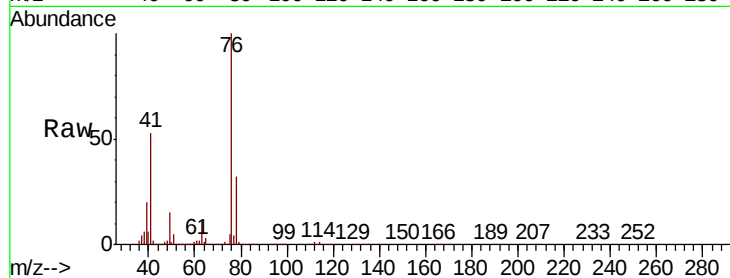




#57
 1,3-Dichloropropane
 Concen: 51.781 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

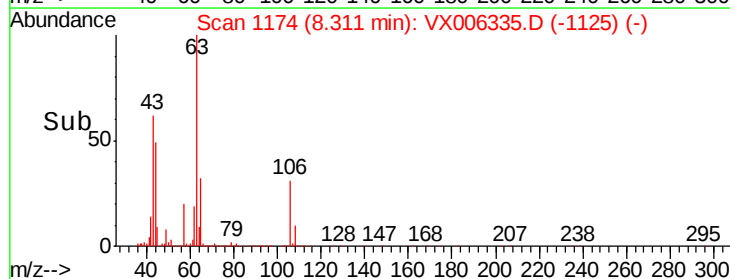
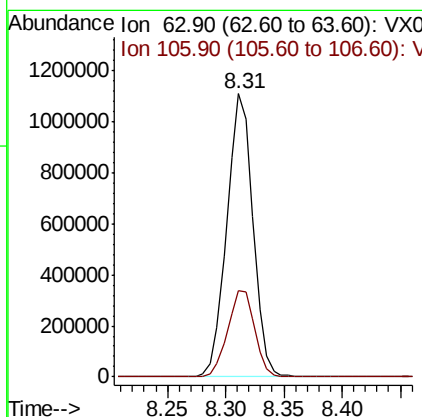
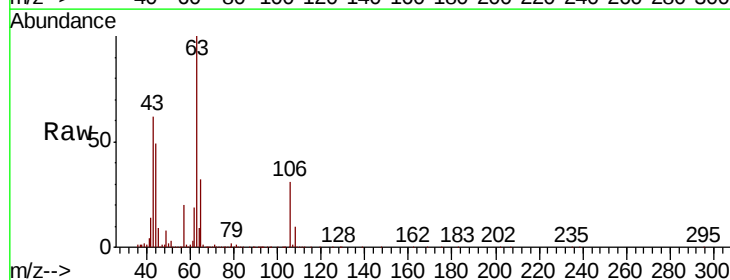
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

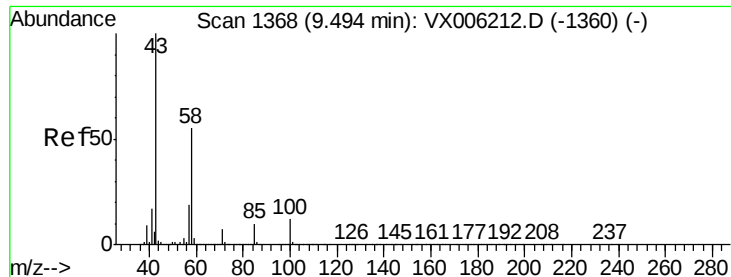
Tot Ion: 76 Resp: 619725
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.561 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 63 Resp: 1726588
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.9 37.3

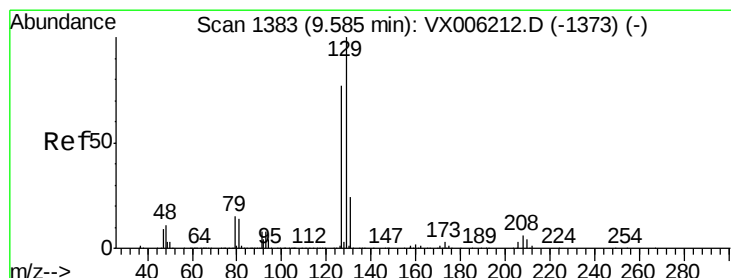
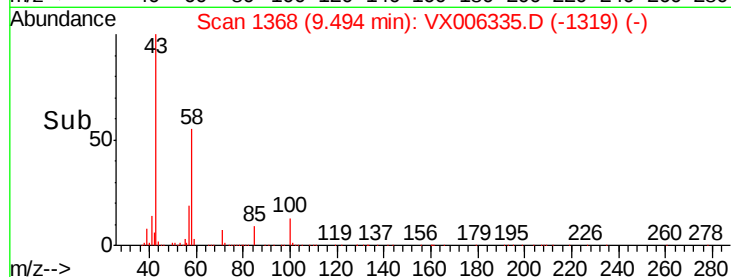
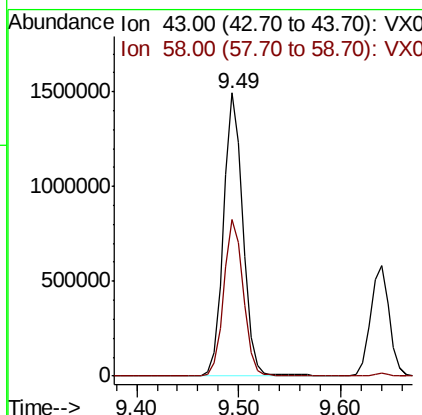
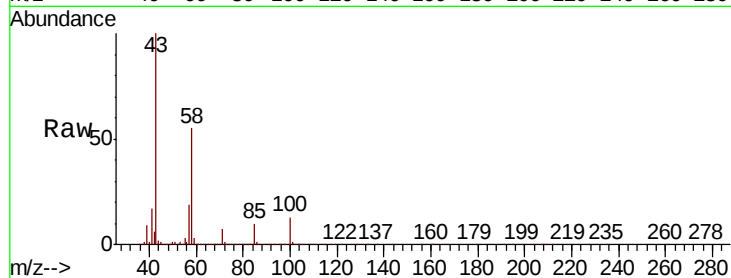




#59
2-Hexanone
Concen: 251.223 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

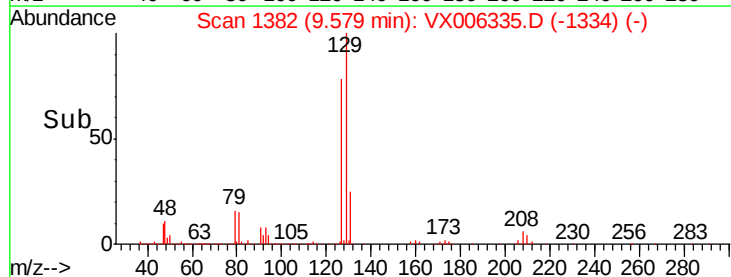
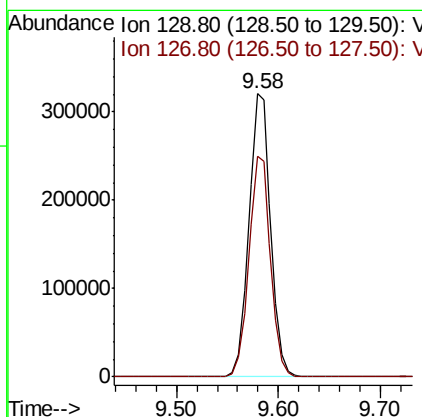
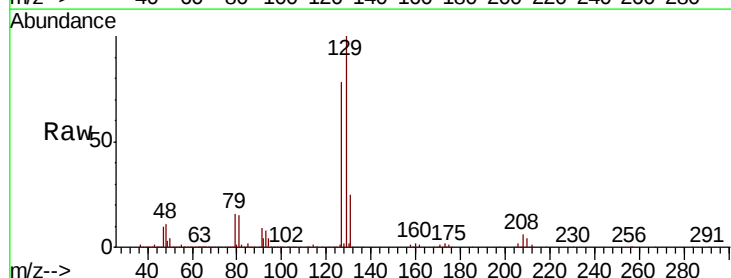
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

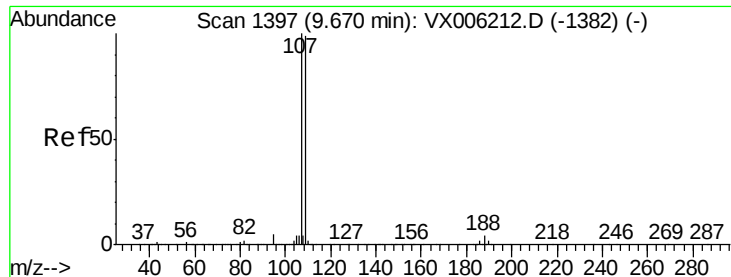
Tot Ion: 43 Resp: 1972477
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 50.774 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:129 Resp: 473864
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.010 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

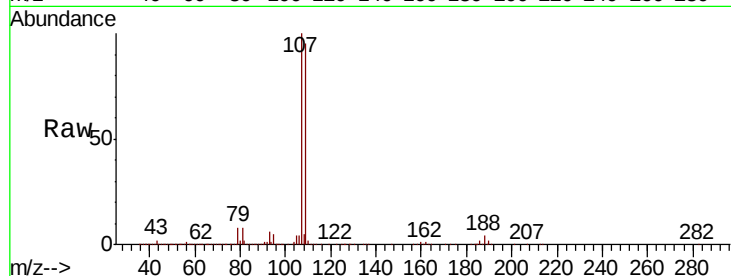
VSTDCCC050

Tot Ion:107 Resp: 431690

Ion Ratio Lower Upper

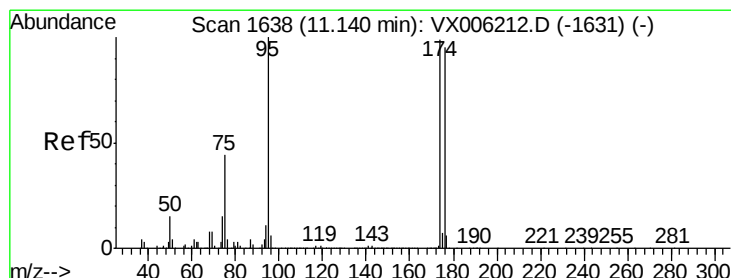
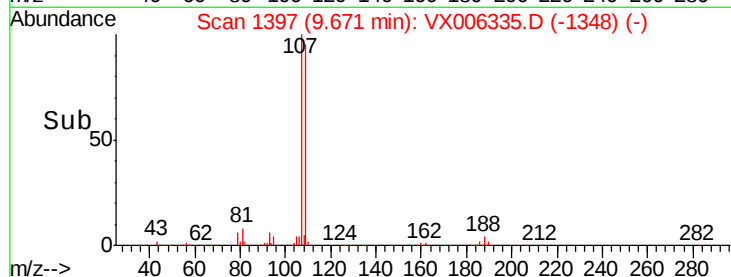
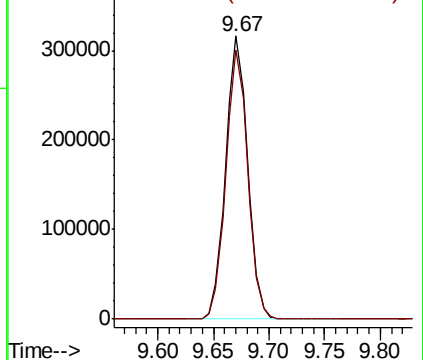
107 100

109 94.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.215 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

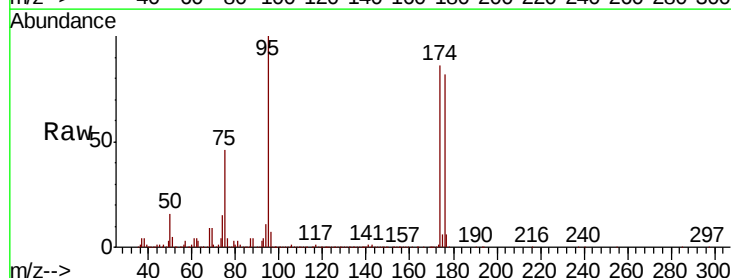
Tgt Ion: 95 Resp: 520270

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.0

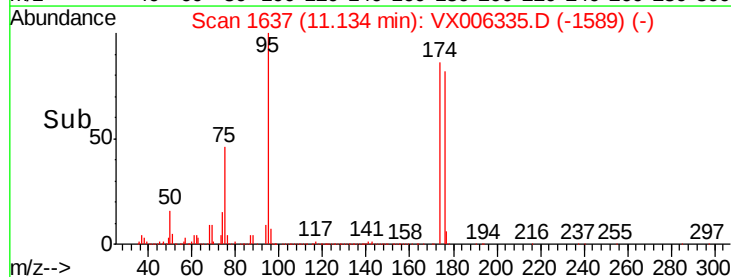
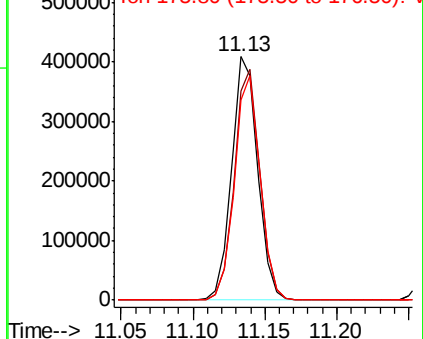
176 90.6 0.0 181.8

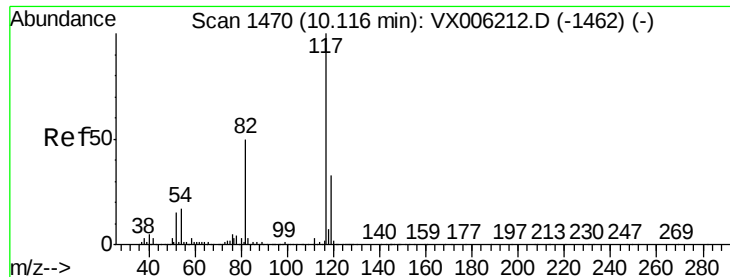


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

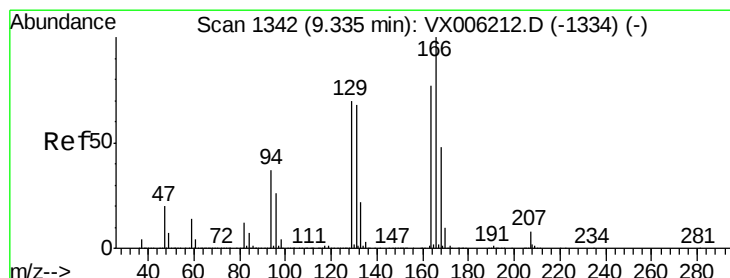
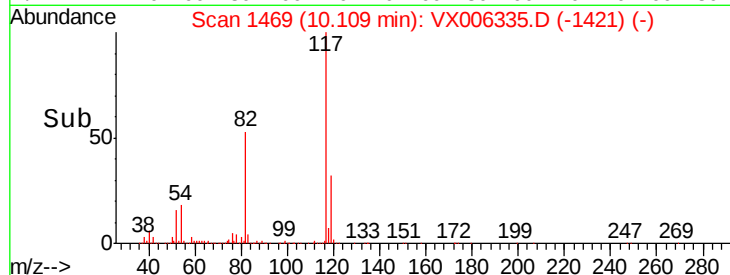
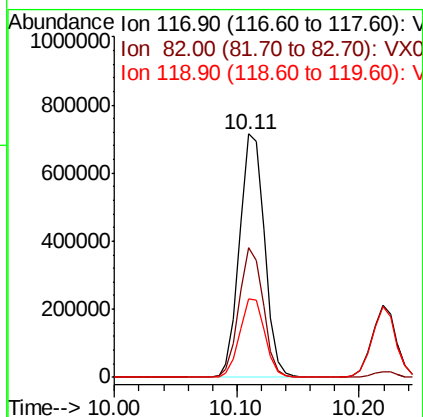
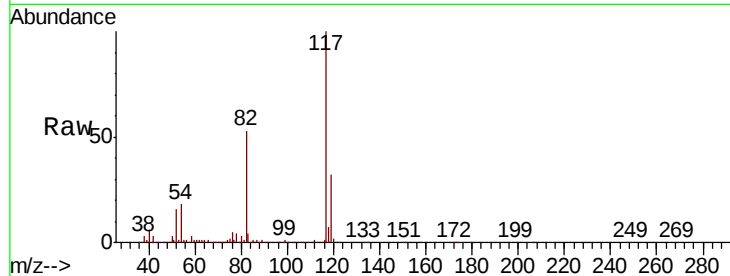




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

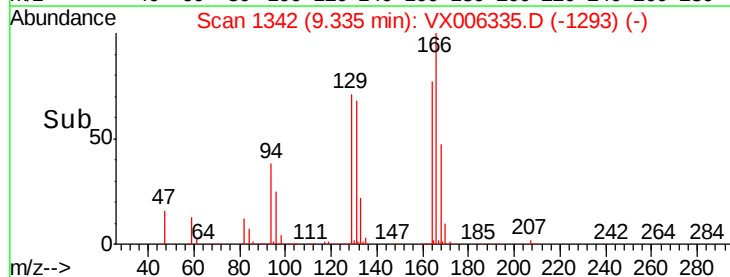
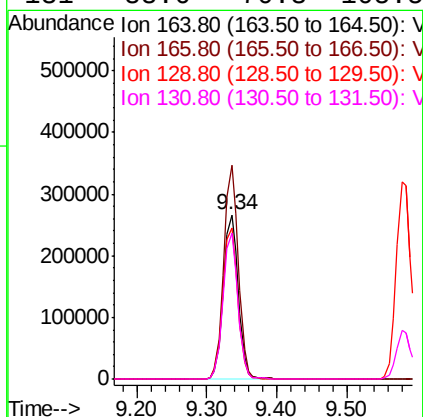
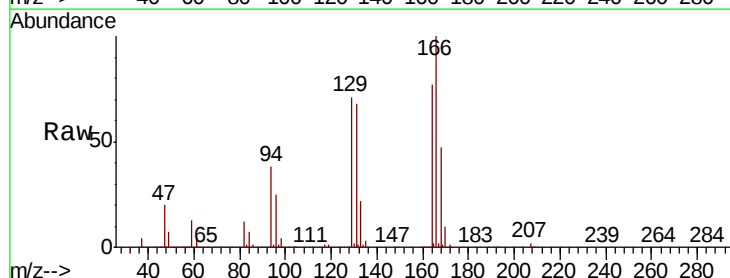
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

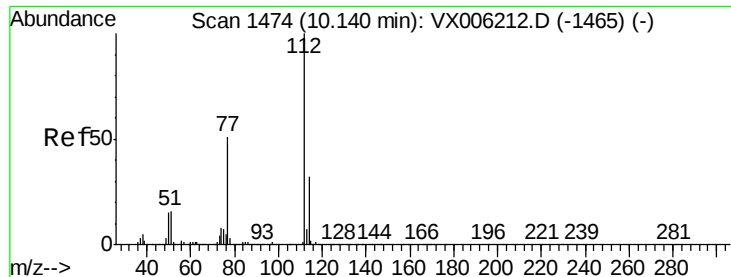
Tot Ion:117 Resp: 1011265
Ion Ratio Lower Upper
117 100
82 53.0 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 51.994 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:164 Resp: 395970
Ion Ratio Lower Upper
164 100
166 130.2 104.2 156.2
129 92.0 72.6 108.8
131 88.6 70.3 105.5

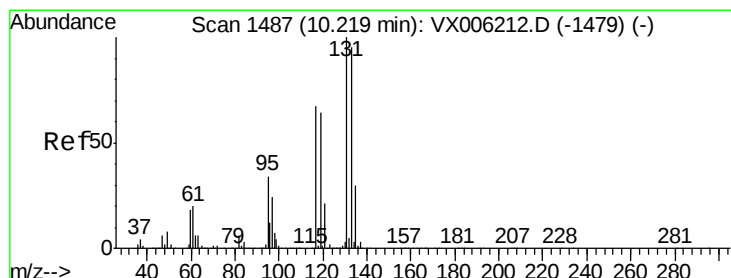
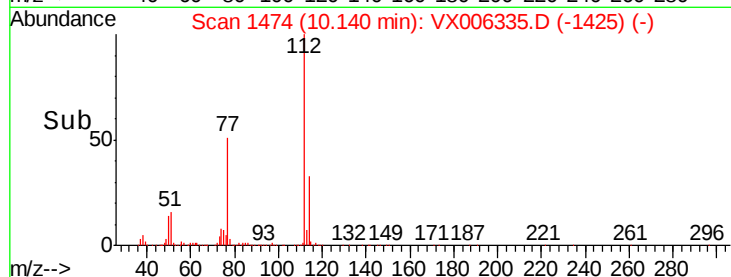
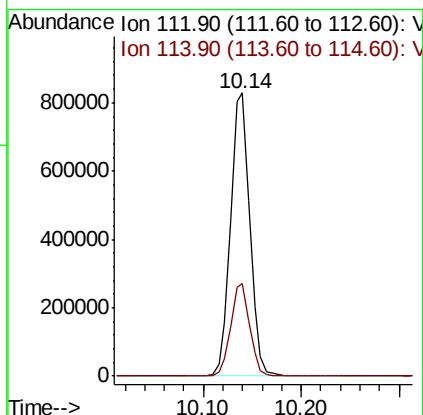
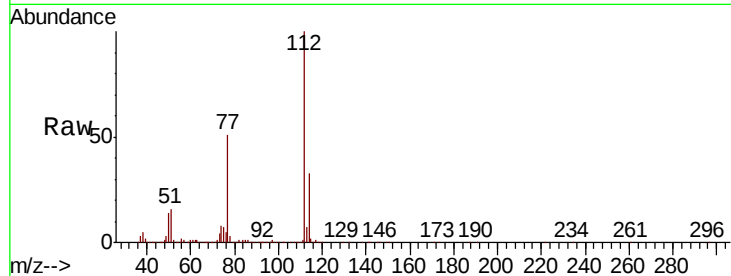




#65
Chlorobenzene
Concen: 52.732 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

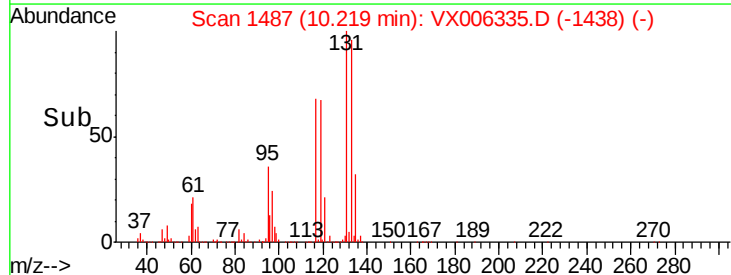
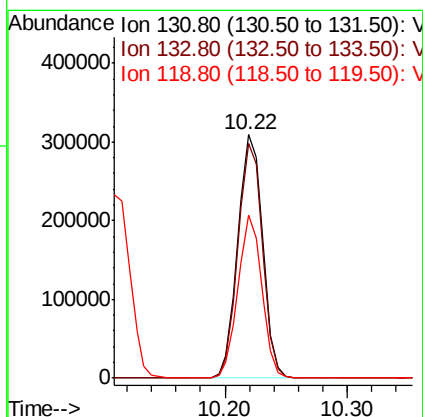
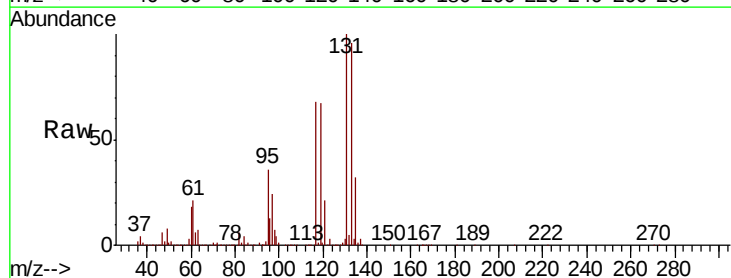
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

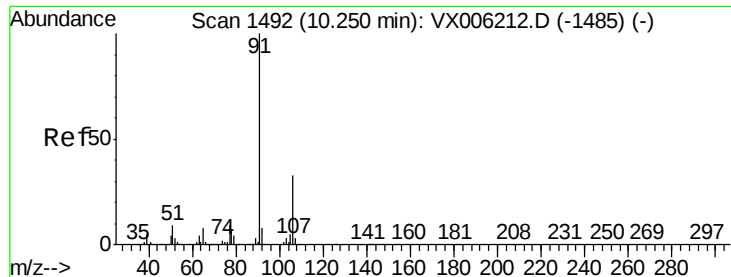
Tot Ion:112 Resp: 1131984
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:131 Resp: 432084
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.4 32.1 96.3

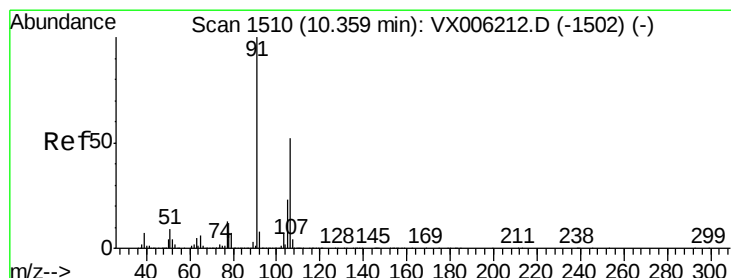
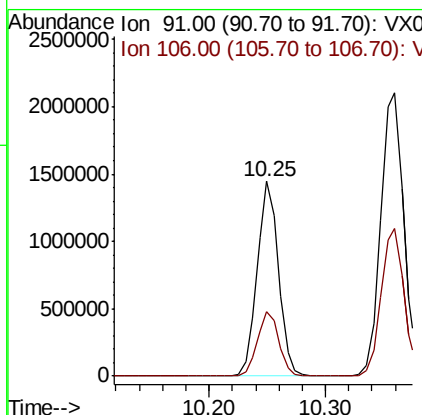
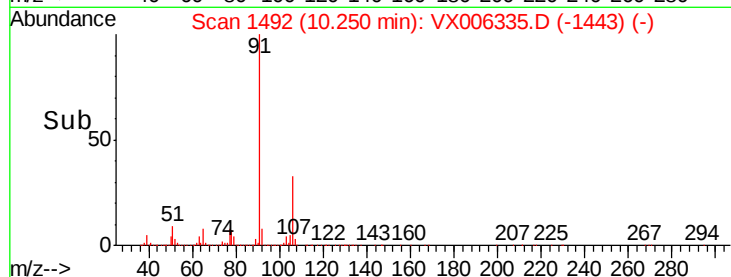
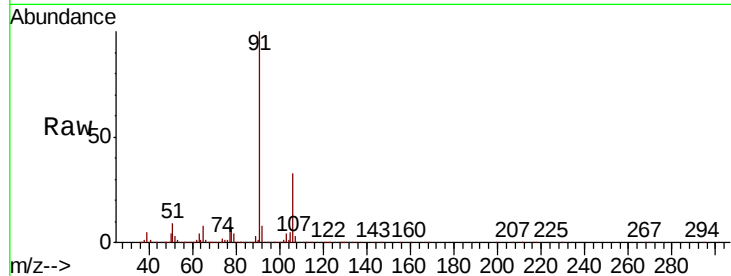




#67
Ethyl Benzene
Concen: 51.786 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

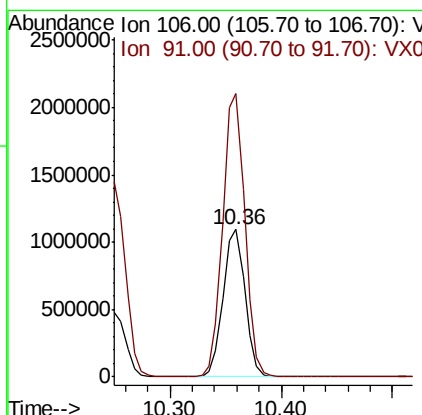
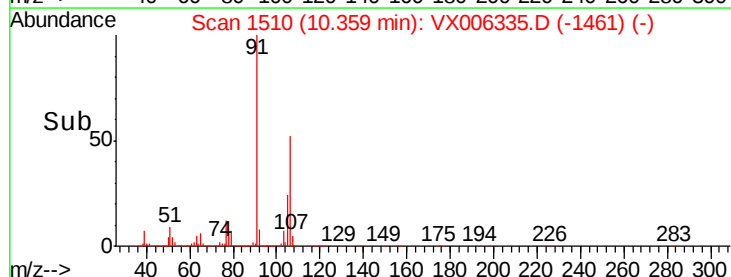
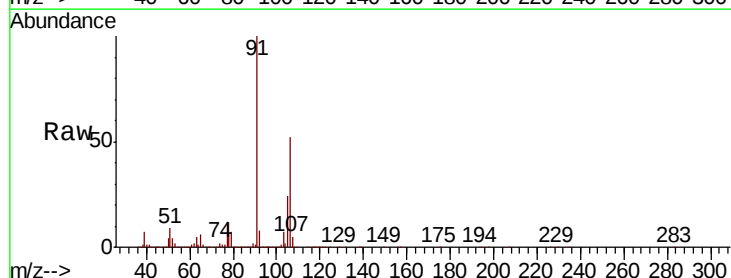
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

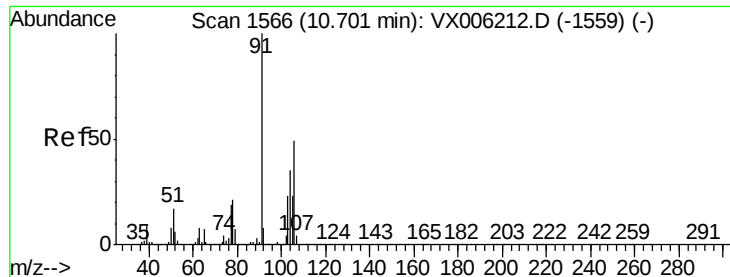
Tot Ion: 91 Resp: 1848939
Ion Ratio Lower Upper
91 100
106 33.5 26.5 39.7



#68
m/p-Xylenes
Concen: 104.283 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 106 Resp: 1491444
Ion Ratio Lower Upper
106 100
91 194.1 155.2 232.8

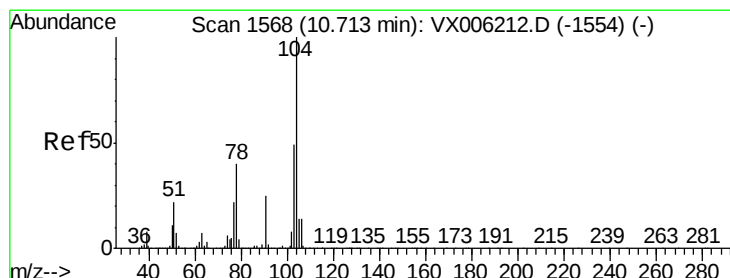
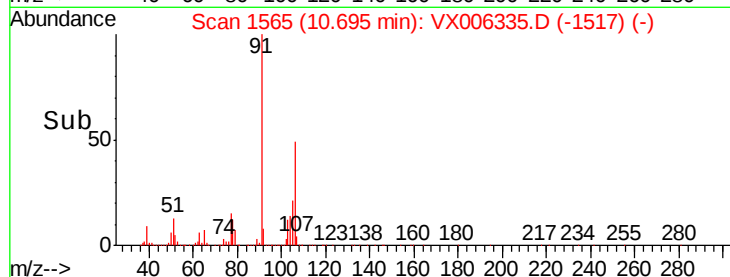
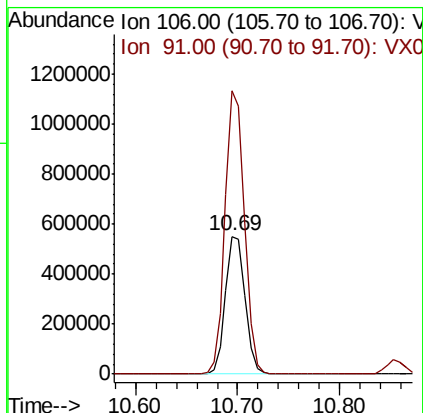
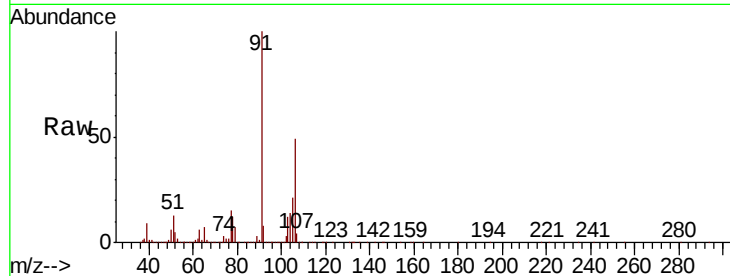




#69
o-Xylene
Concen: 52.168 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

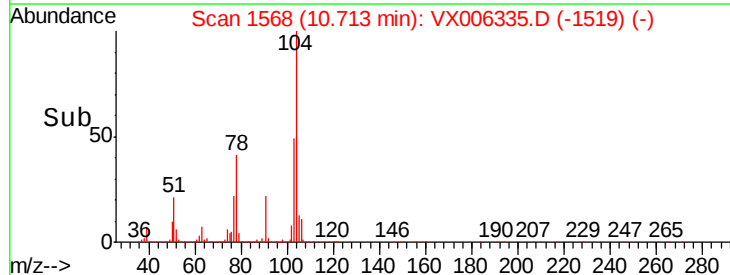
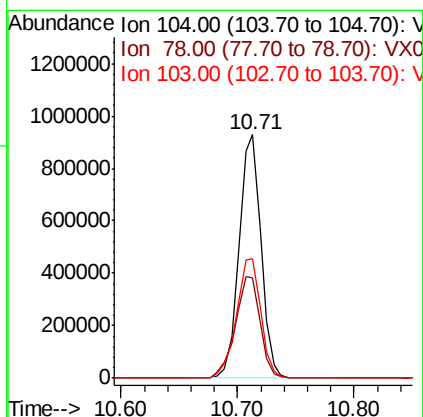
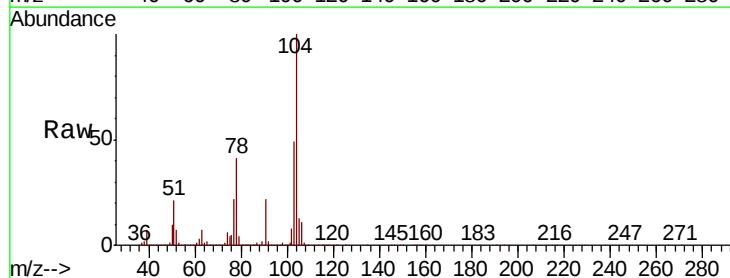
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

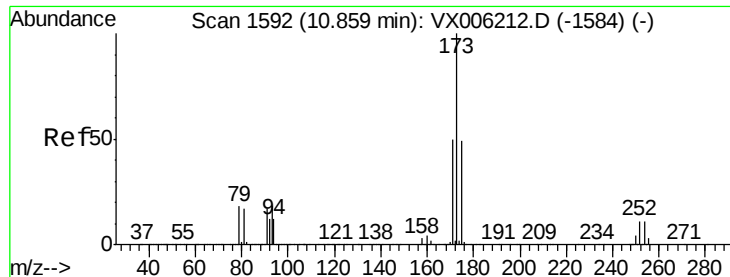
Tot Ion:106 Resp: 736965
Ion Ratio Lower Upper
106 100
91 202.6 101.8 305.6



#70
Styrene
Concen: 53.503 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:104 Resp: 1222460
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 54.6 43.5 65.3





#71

Bromoform

Concen: 49.534 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

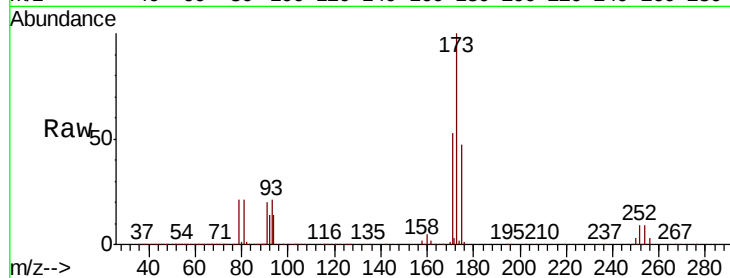
Tot Ion:173 Resp: 390003

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

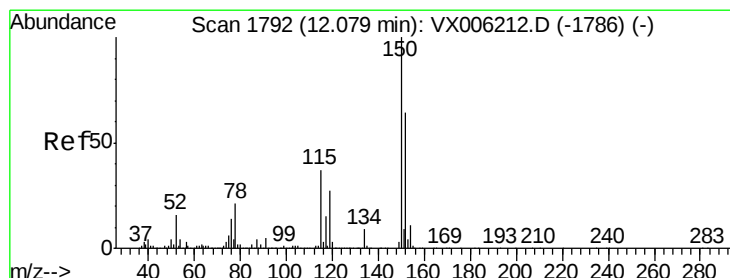
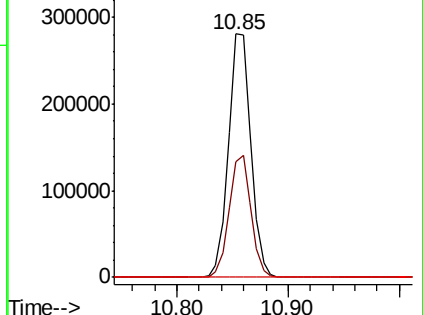
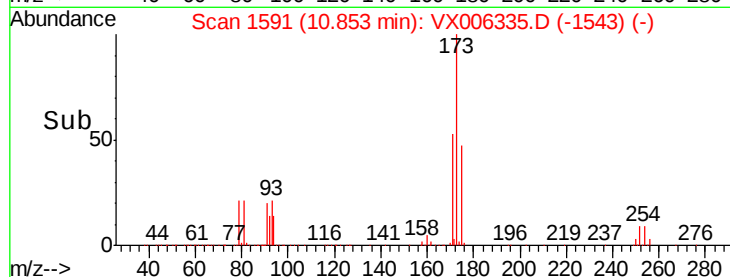
254 0.2 0.2 0.2



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: VX006335.D

Acq: 07 Dec 2018 09:49

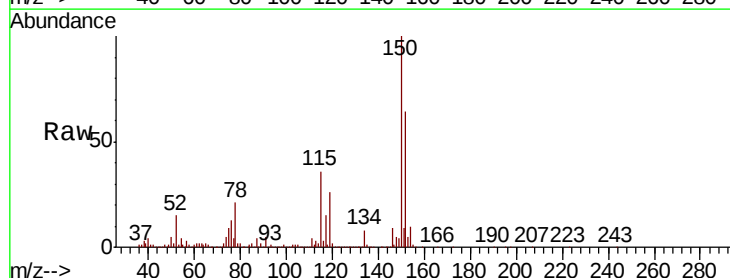
Tgt Ion:152 Resp: 558321

Ion Ratio Lower Upper

152 100

115 79.6 39.0 116.9

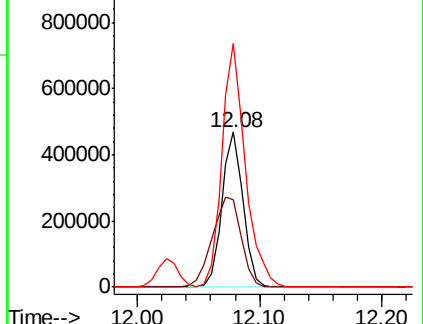
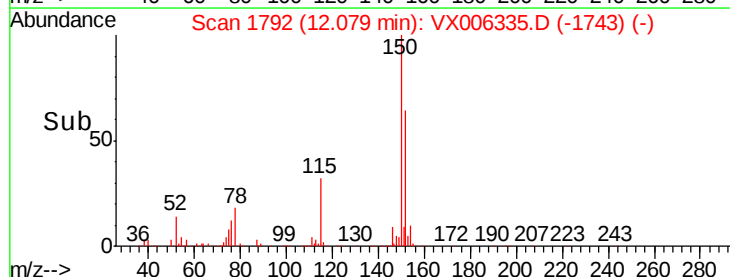
150 173.9 0.0 345.8

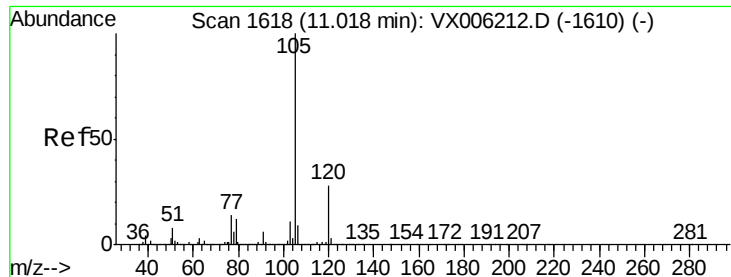


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.862 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

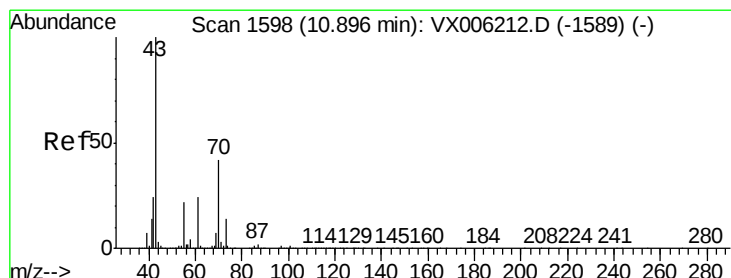
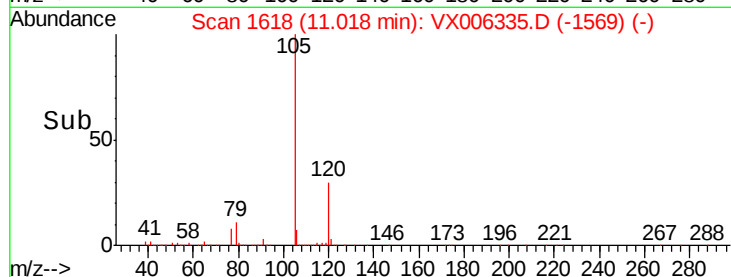
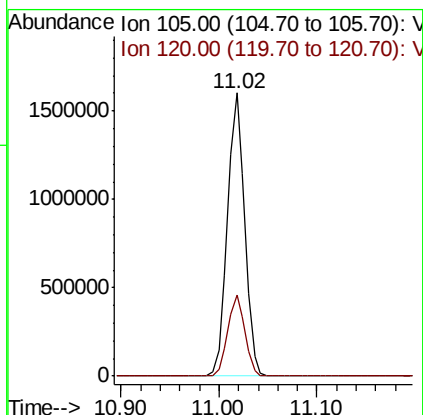
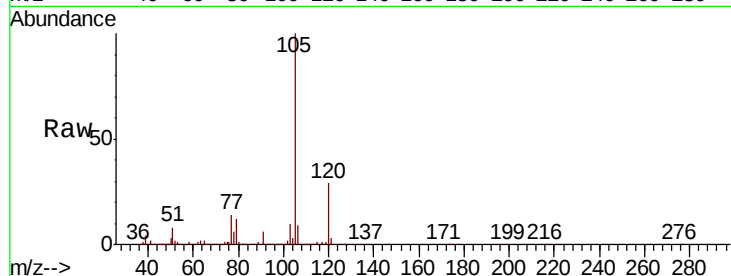
VSTDCCC050

Tot Ion:105 Resp: 1961074

Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3



#74

N-ethyl acetate

Concen: 45.934 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion: 43 Resp: 762656

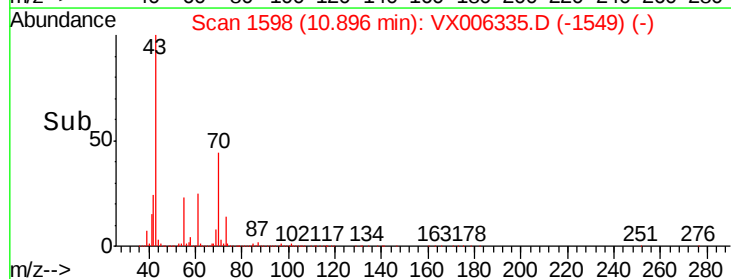
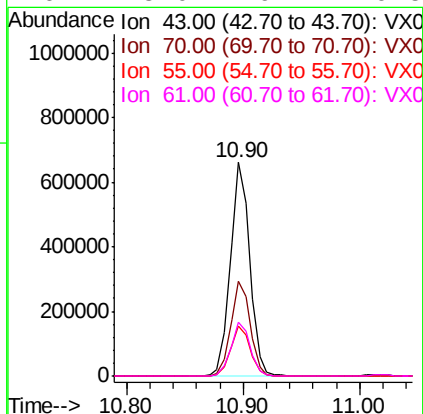
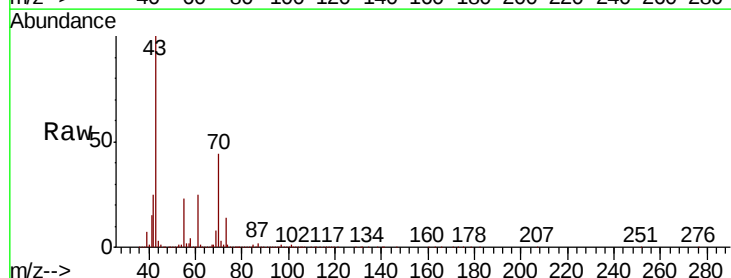
Ion Ratio Lower Upper

43 100

70 44.4 34.1 51.1

55 23.3 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.214 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

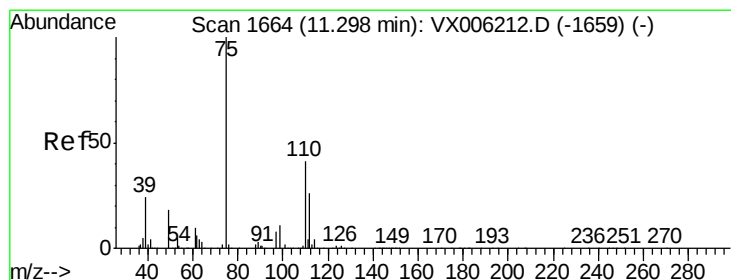
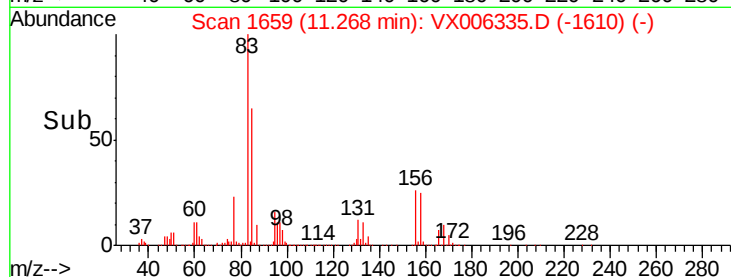
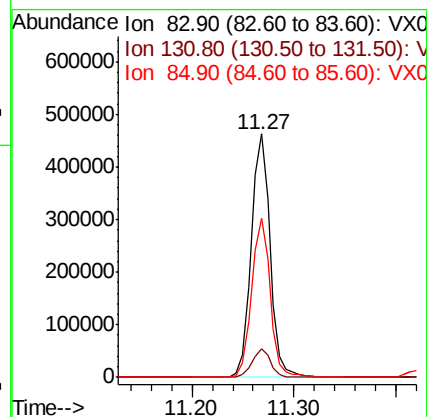
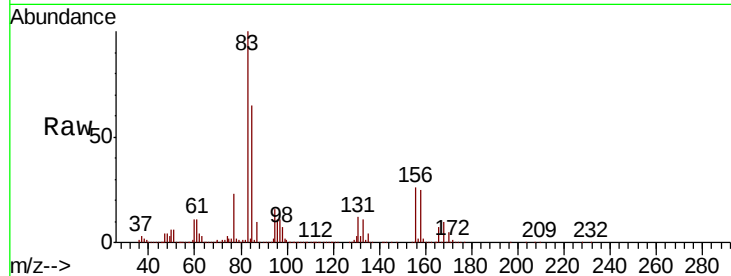
Tot Ion: 83 Resp: 594729

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

85 64.8 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 66.658 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006335.D

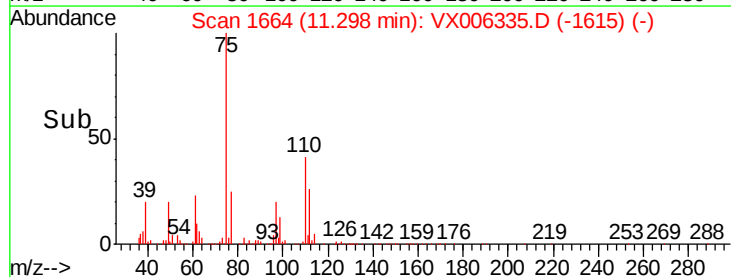
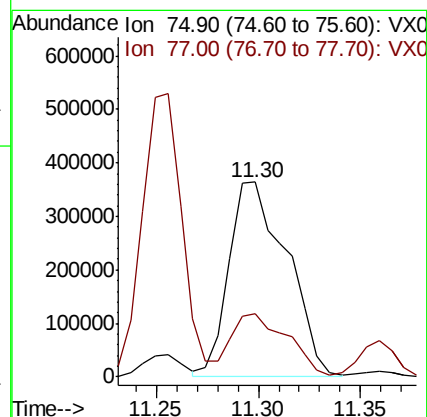
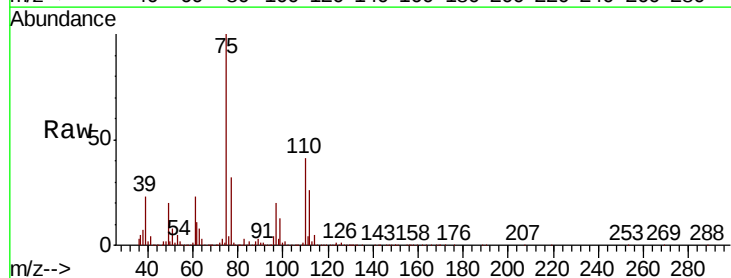
Acq: 07 Dec 2018 09:49

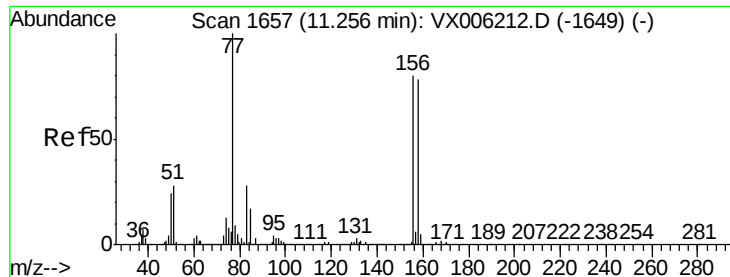
Tgt Ion: 75 Resp: 718344

Ion Ratio Lower Upper

75 100

77 30.9 19.9 59.7





#77

Bromobenzene

Concen: 51.162 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

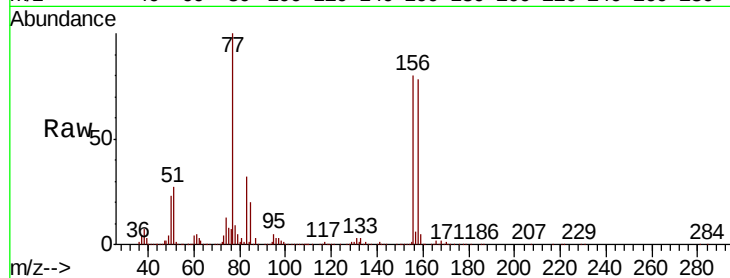
Tot Ion:156 Resp: 547449

Ion Ratio Lower Upper

156 100

77 132.1 66.2 198.6

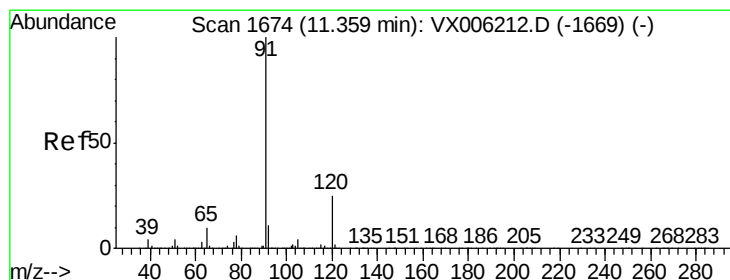
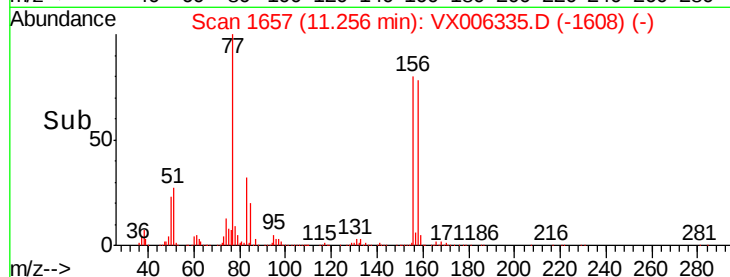
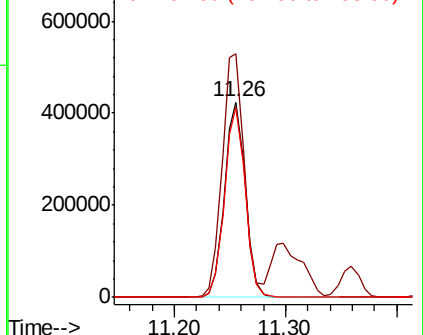
158 96.6 48.8 146.4



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: 52.010 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006335.D

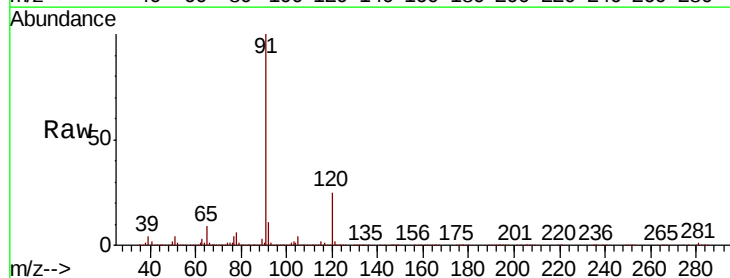
Acq: 07 Dec 2018 09:49

Tgt Ion: 91 Resp: 2229158

Ion Ratio Lower Upper

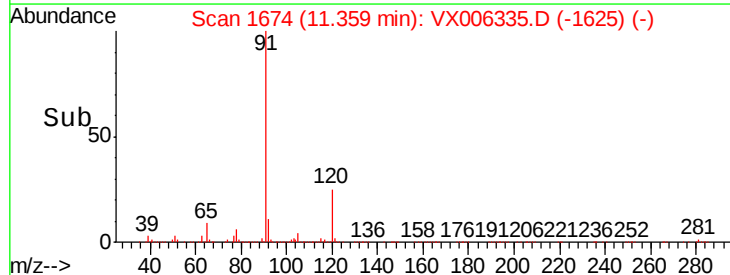
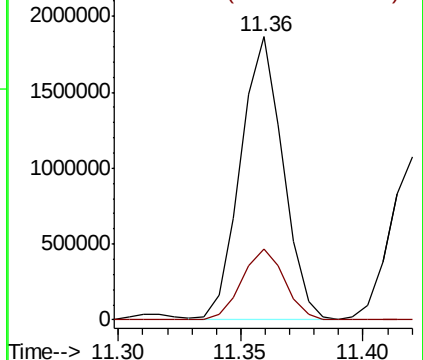
91 100

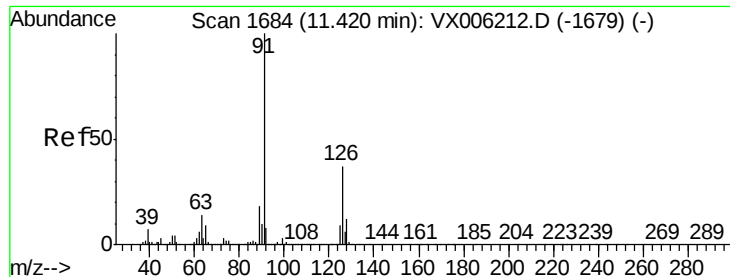
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

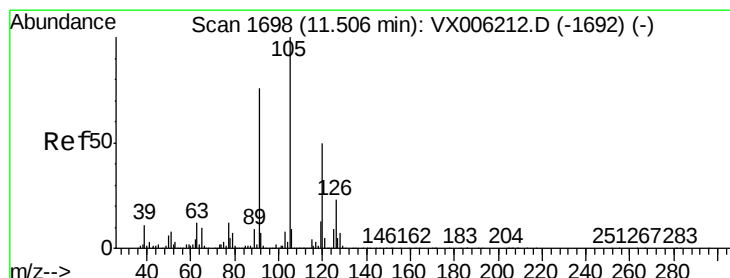
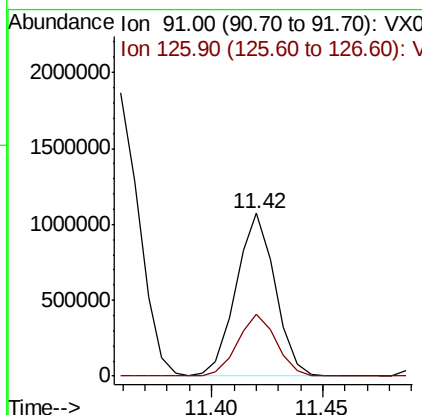
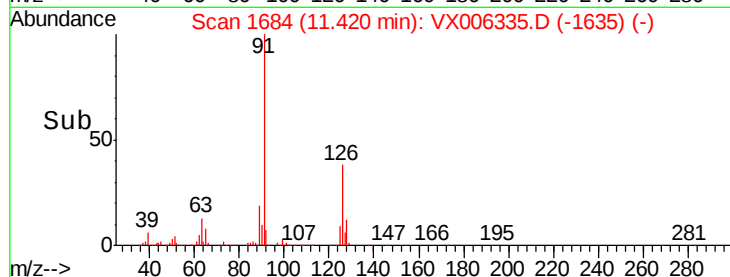
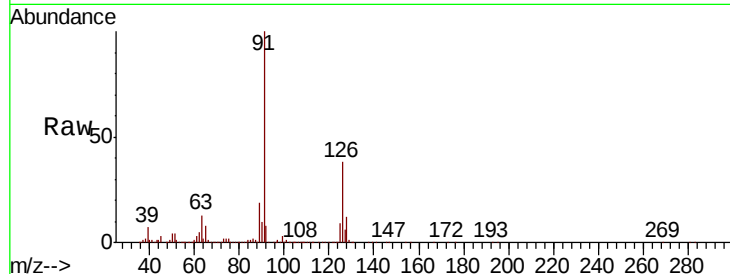




#79
 2-Chlorotoluene
 Concen: 51.190 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

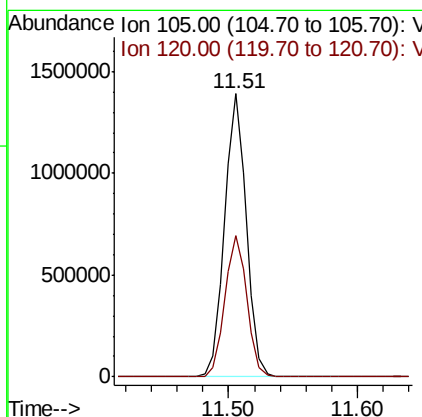
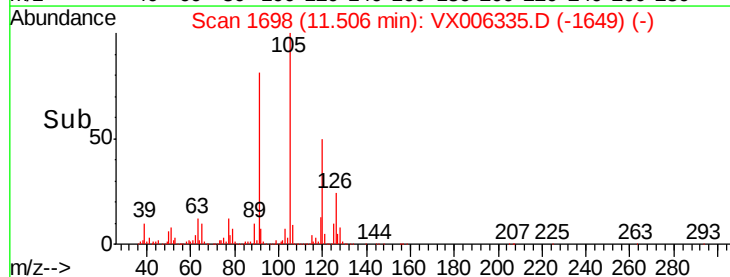
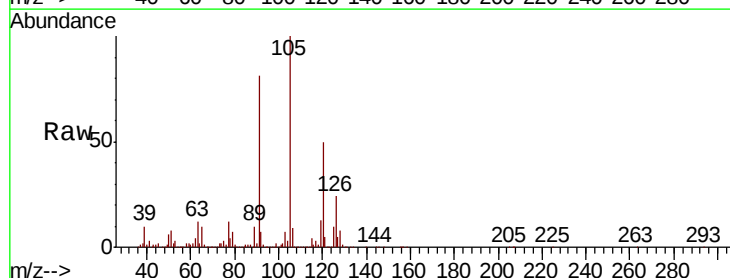
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

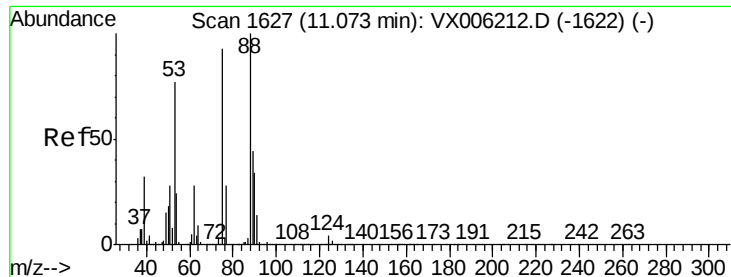
Tot Ion: 91 Resp: 1304027
 Ion Ratio Lower Upper
 91 100
 126 38.0 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.521 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion: 105 Resp: 1652820
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.354 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

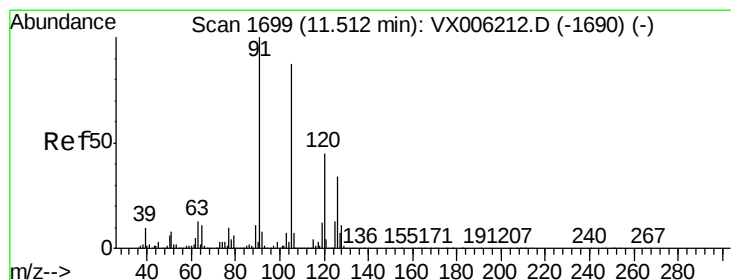
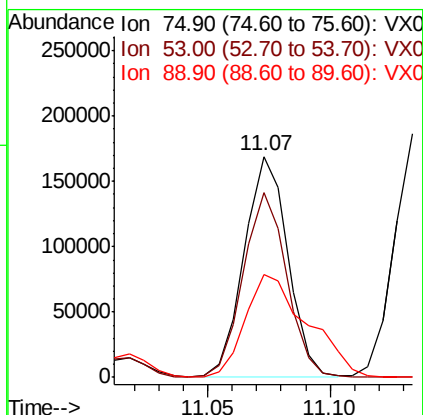
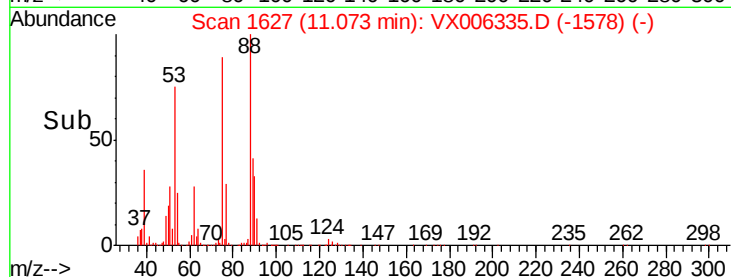
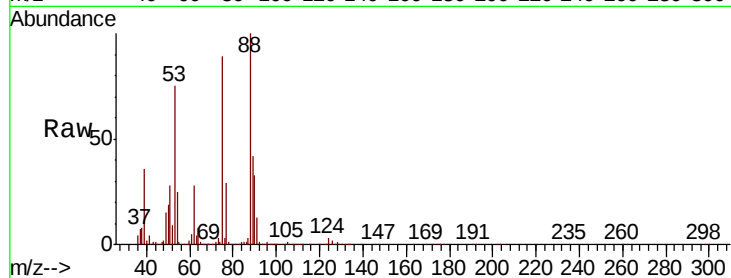
Tot Ion: 75 Resp: 208274

Ion Ratio Lower Upper

75 100

53 83.8 64.4 96.6

89 67.0 44.2 66.4#



#82

4-Chlorotoluene

Concen: 51.762 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006335.D

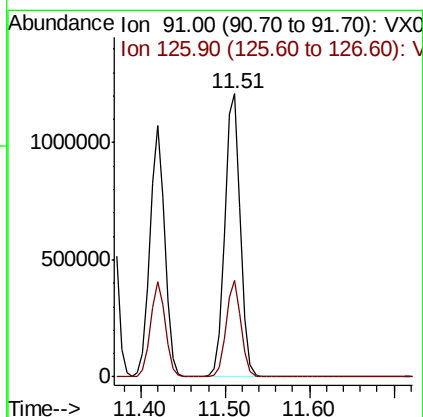
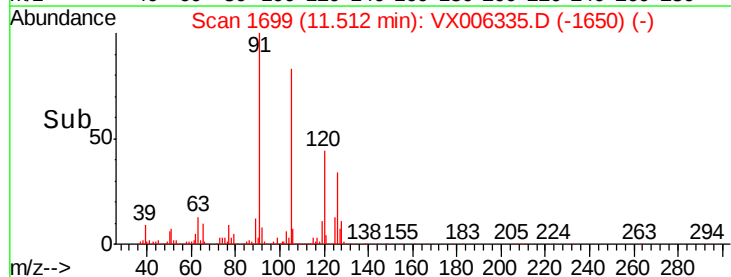
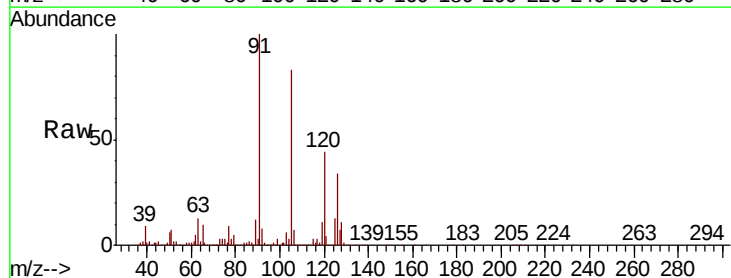
Acq: 07 Dec 2018 09:49

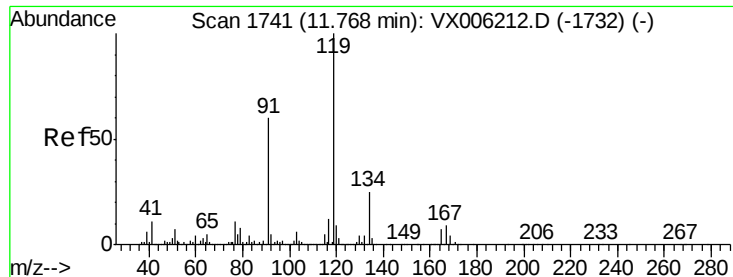
Tgt Ion: 91 Resp: 1533065

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4

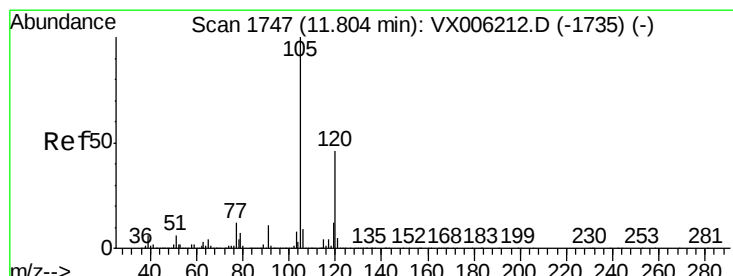
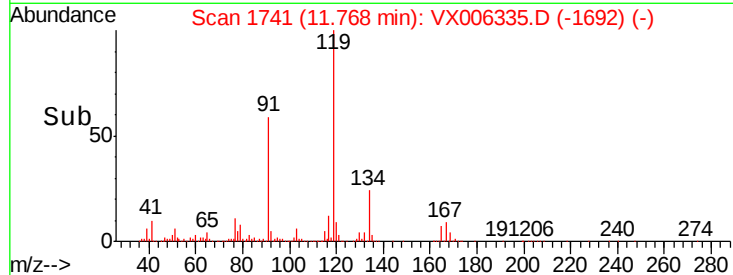
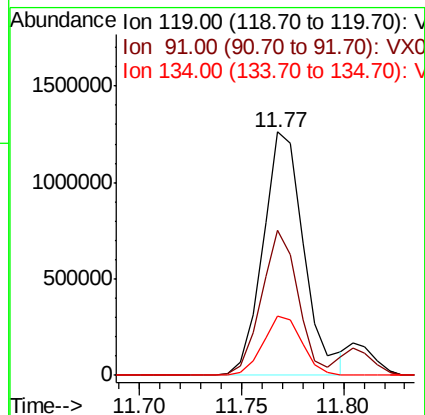
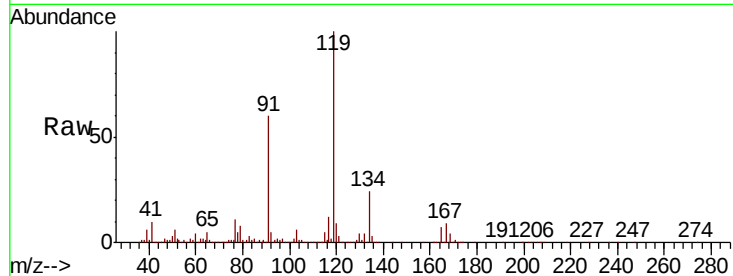




#83
tert-Butylbenzene
Concen: 51.560 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

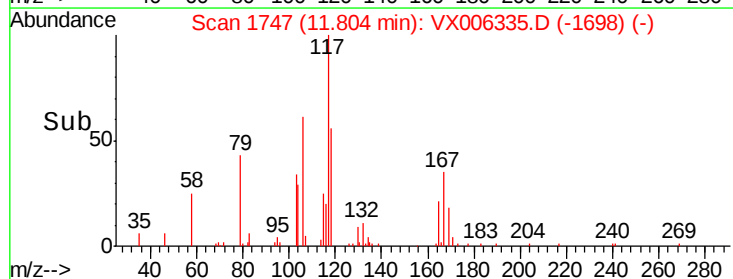
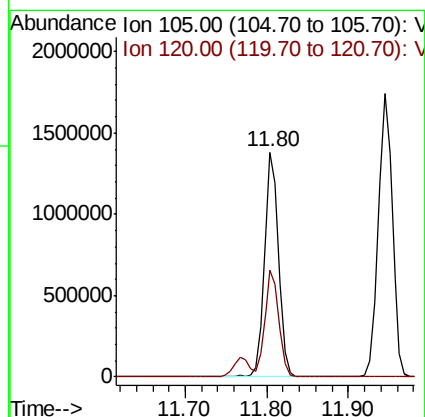
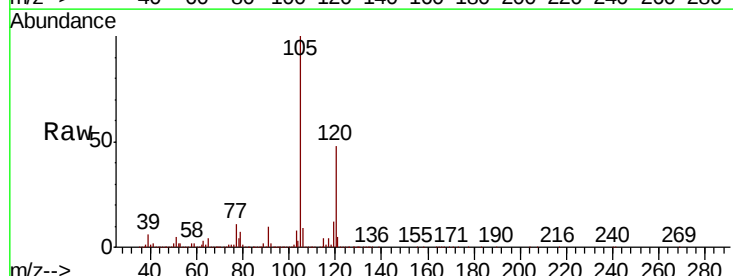
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

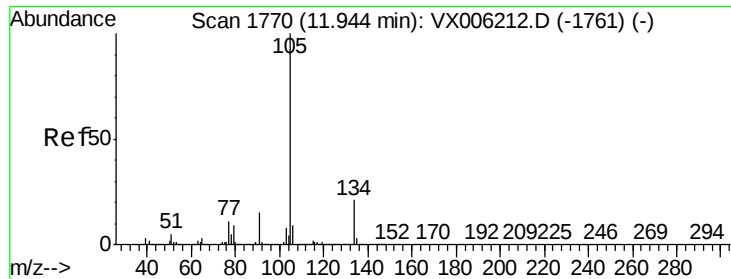
Tot Ion:119 Resp: 1764809
Ion Ratio Lower Upper
119 100
91 53.2 26.4 79.2
134 23.1 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 51.309 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:105 Resp: 1699670
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.171 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

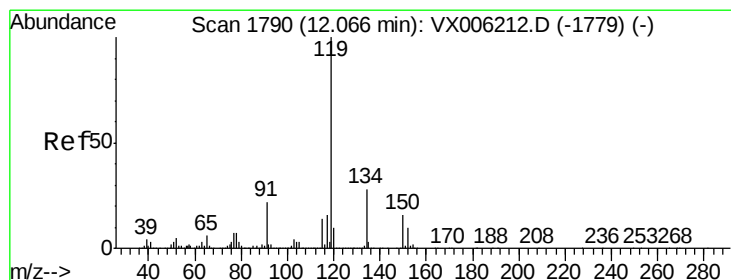
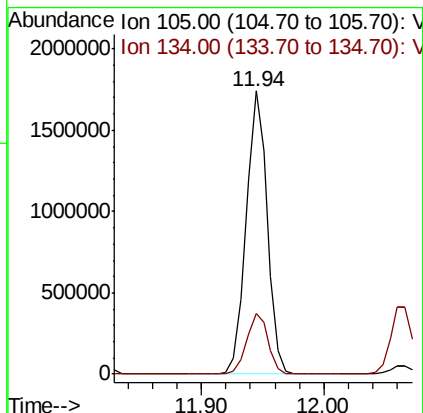
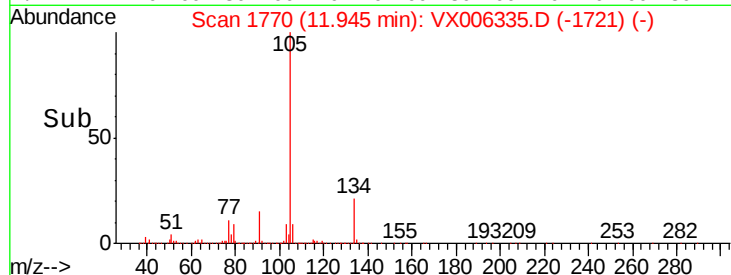
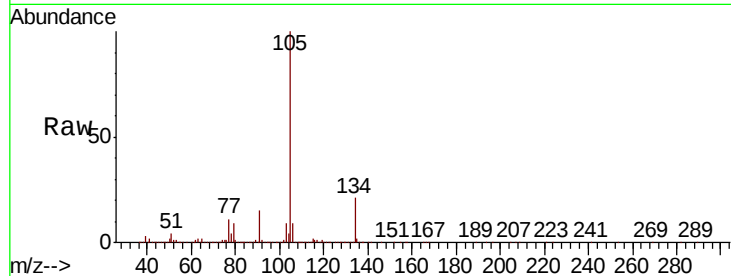
VSTDCCC050

Tot Ion:105 Resp: 2070490

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.4



#86

p-Isopropyltoluene

Concen: 53.248 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

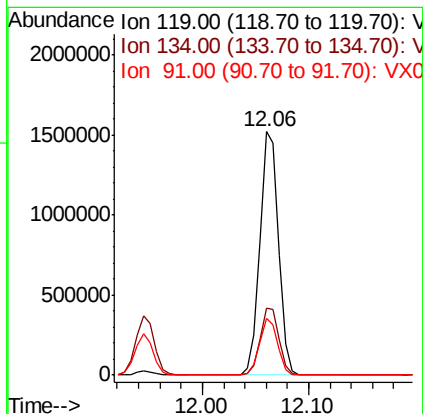
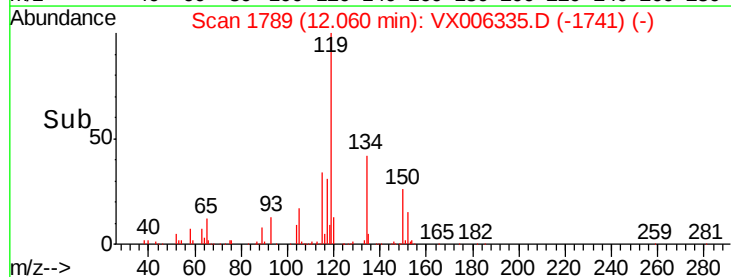
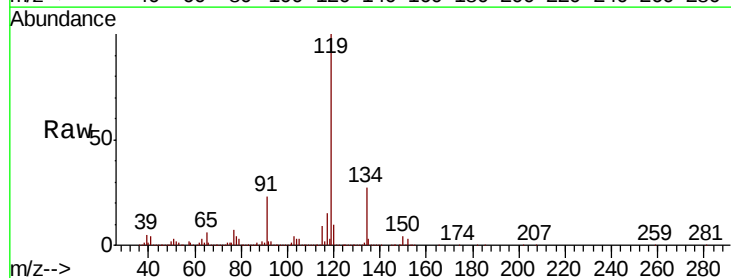
Tgt Ion:119 Resp: 1867074

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

91 22.5 11.3 33.8

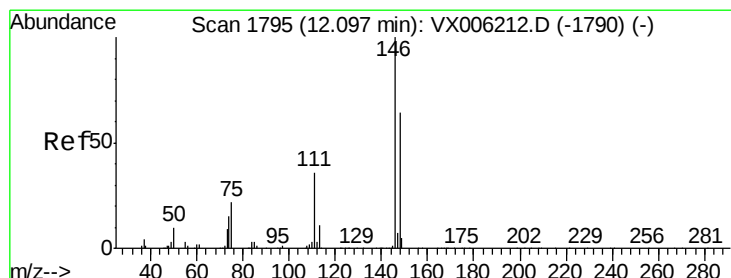
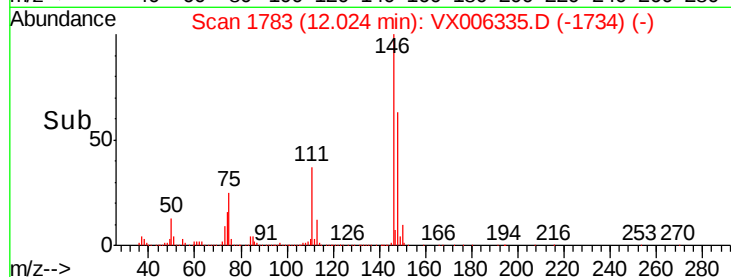
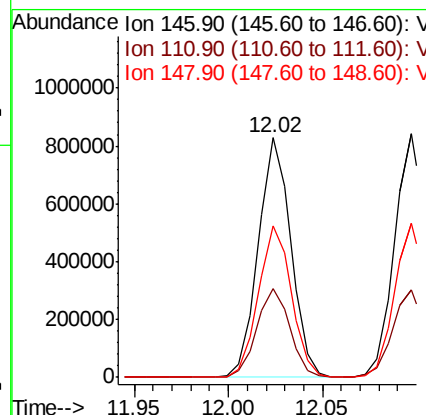
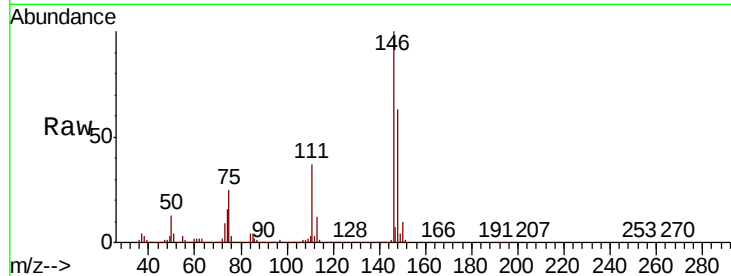




#87
 1,3-Dichlorobenzene
 Concen: 52.259 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

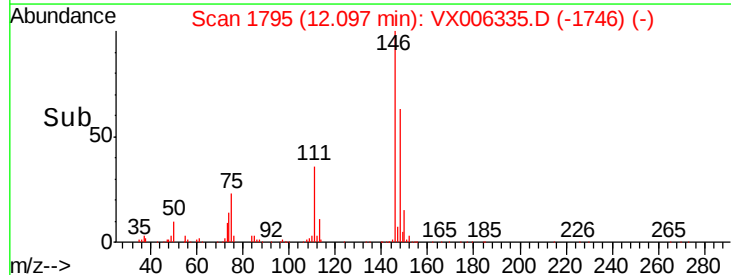
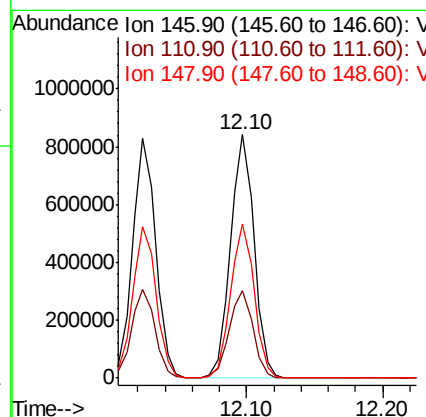
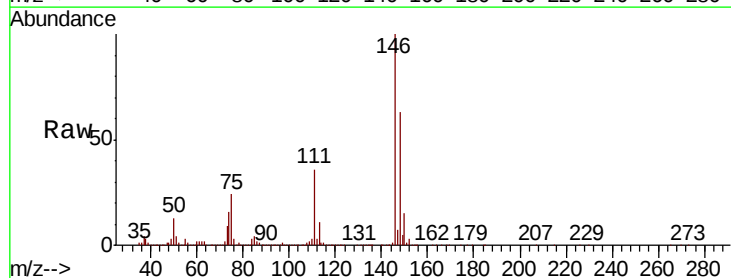
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

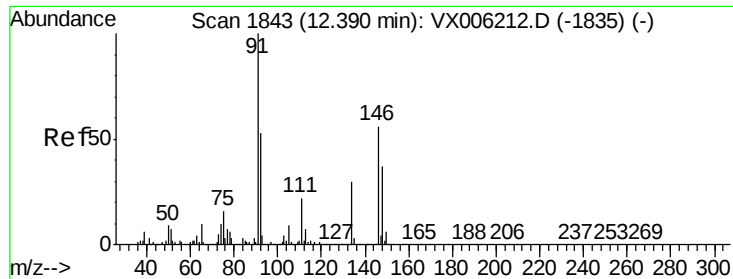
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.272 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	63.3	31.9	95.9

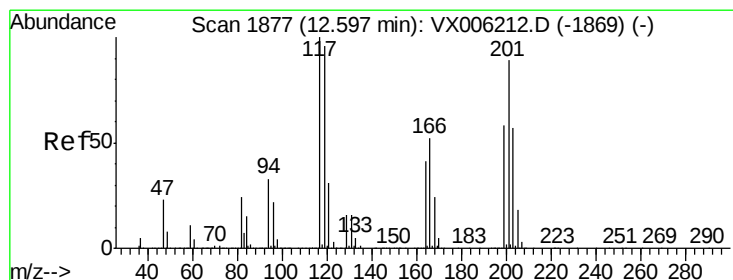
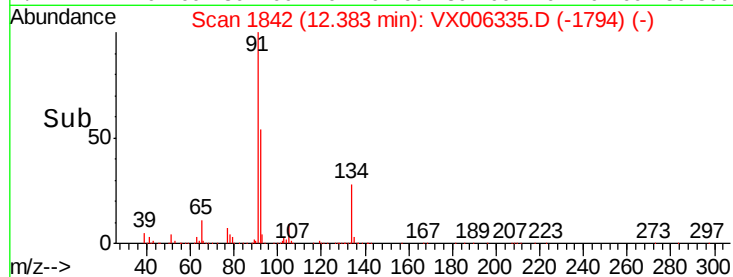
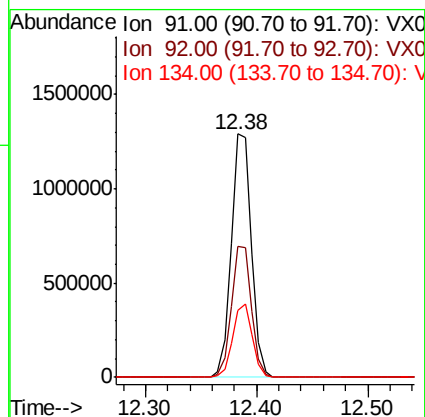
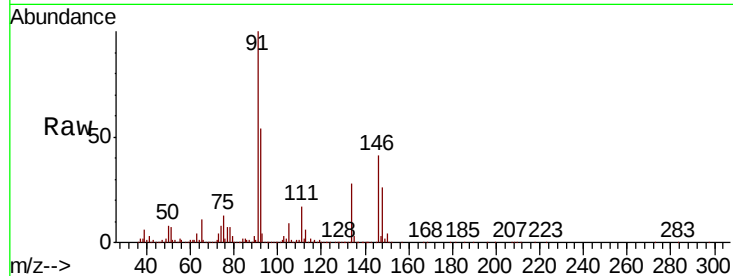




#89
n-Butylbenzene
Concen: 53.568 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

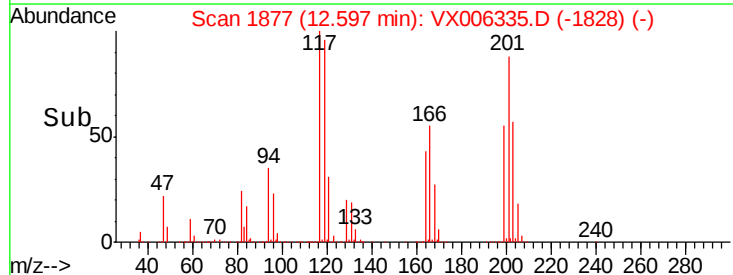
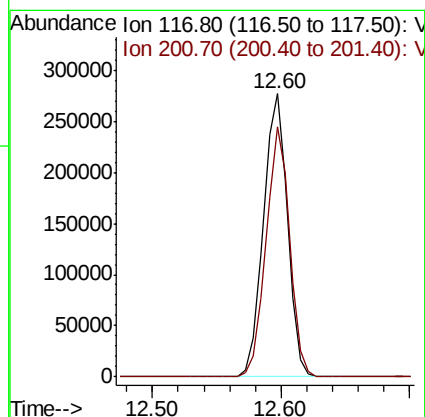
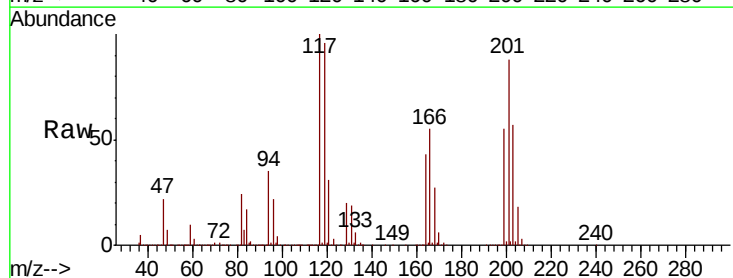
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

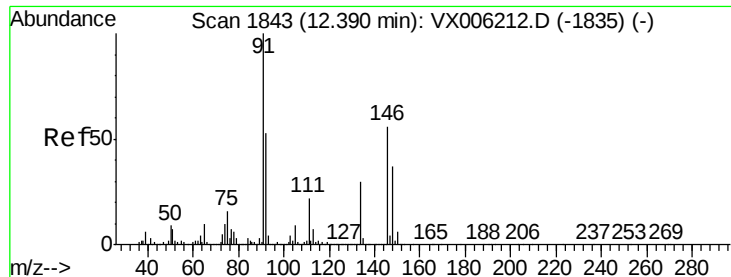
Tot Ion: 91 Resp: 1602673
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 29.2 14.8 44.3



#90
Hexachloroethane
Concen: 49.568 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 117 Resp: 354235
Ion Ratio Lower Upper
117 100
201 87.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 51.095 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

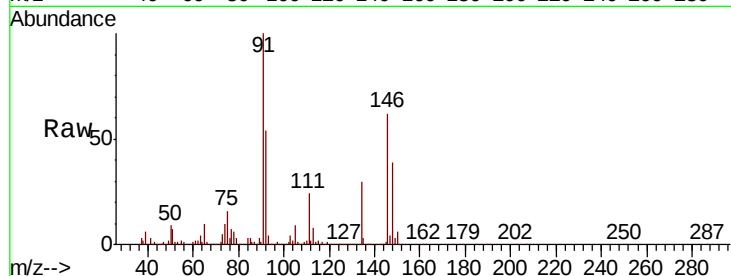
Tot Ion:146 Resp: 965499

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

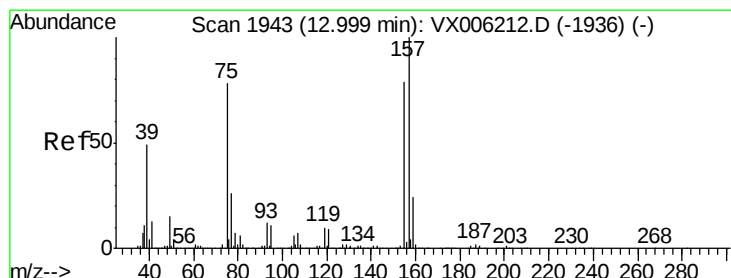
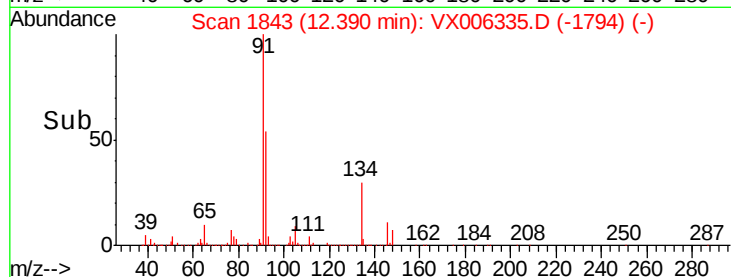
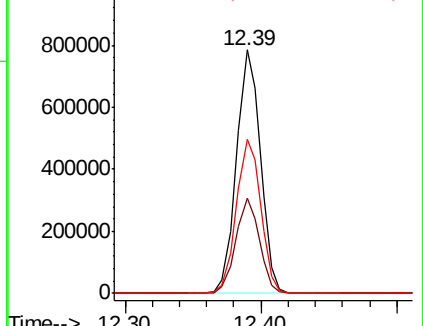
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.647 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

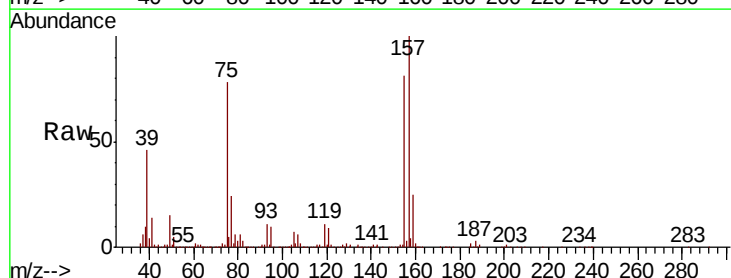
Tgt Ion: 75 Resp: 141175

Ion Ratio Lower Upper

75 100

155 103.7 53.4 160.3

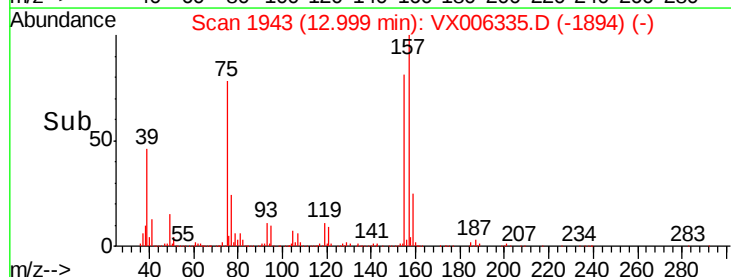
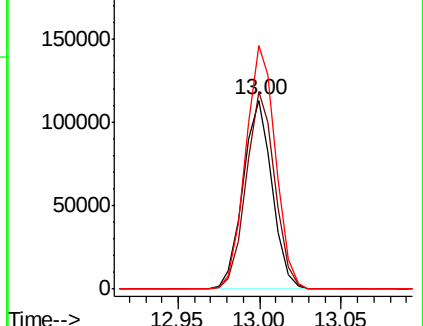
157 132.8 68.0 203.8

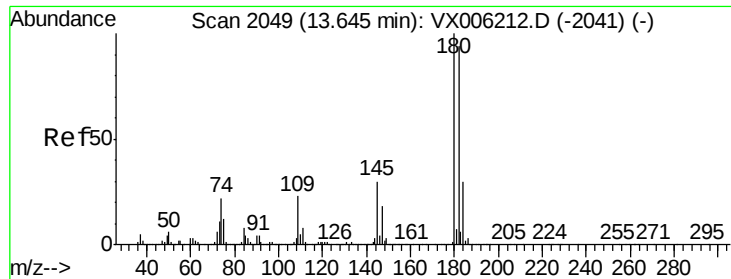


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

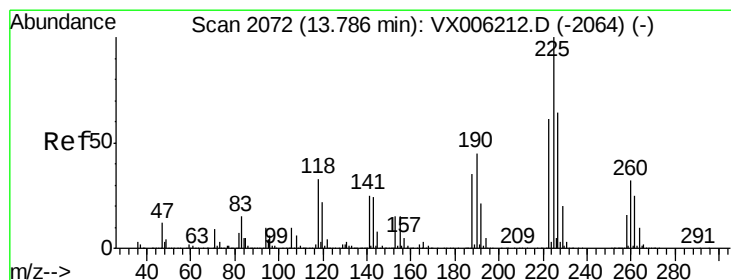
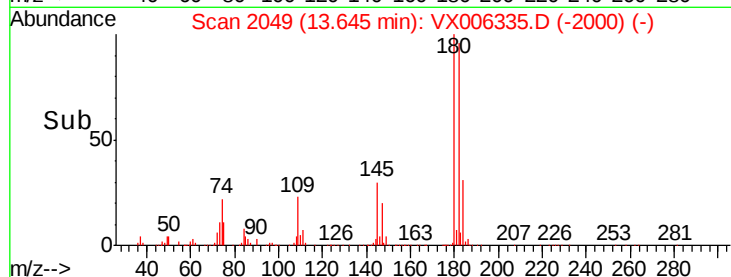
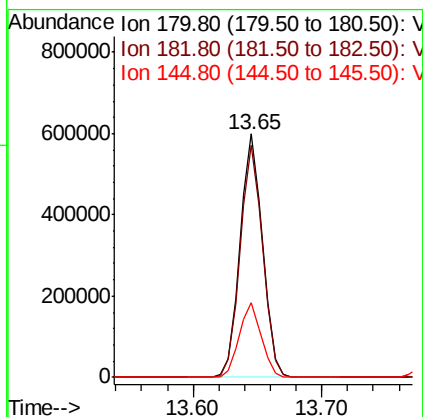
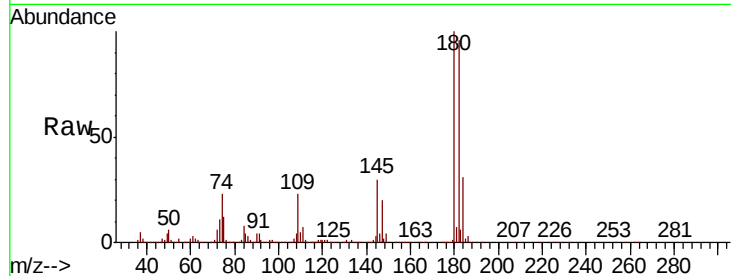




#93
 1,2,4-Trichlorobenzene
 Concen: 52.238 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

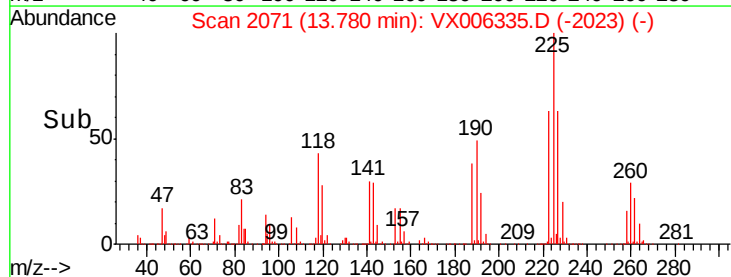
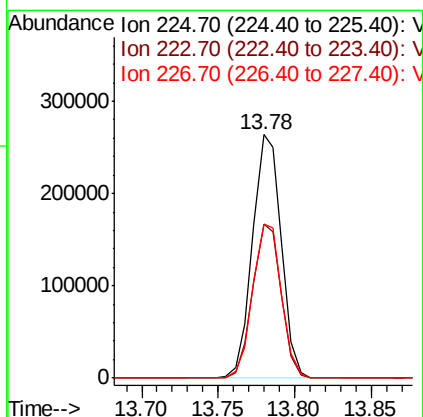
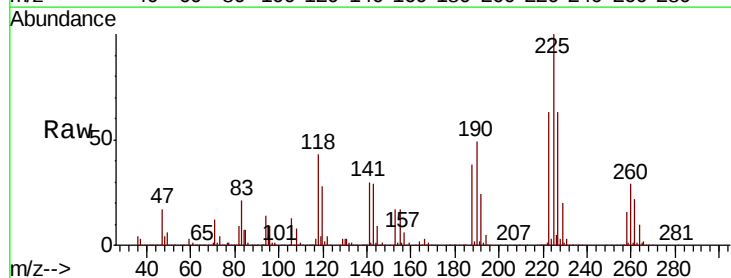
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	30.3	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 56.395 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	63.2	31.9	95.5





#95

Naphthalene

Concen: 50.292 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

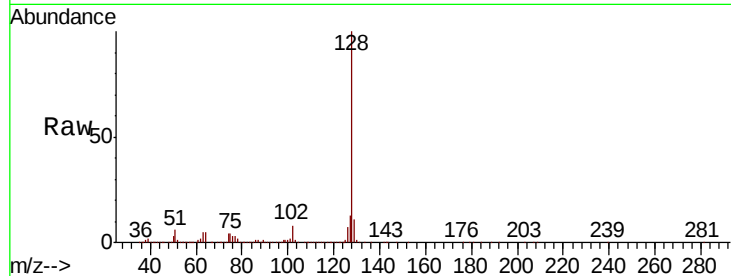
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 2156680

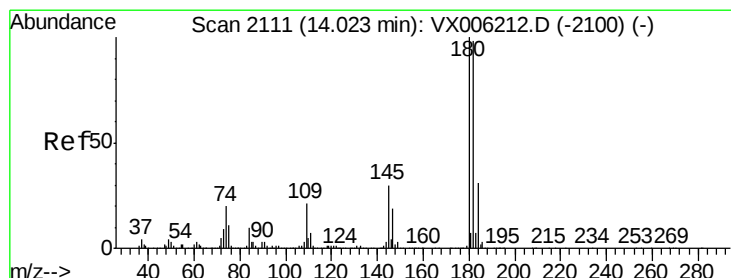
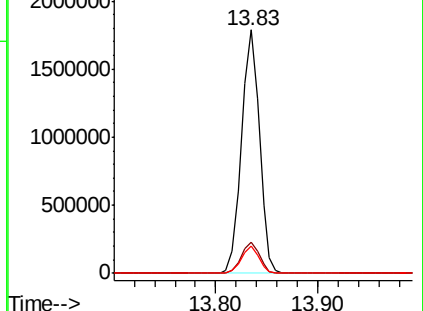
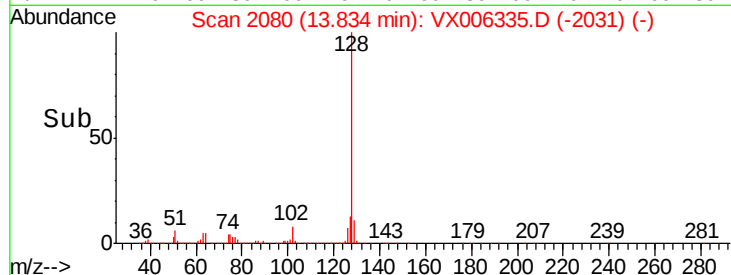
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 52.647 ug/l

RT: 14.02 min Scan# 2110

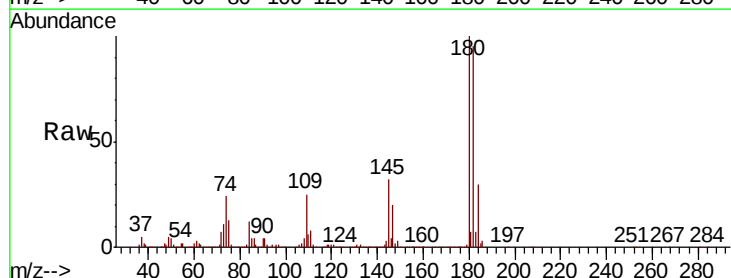
Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:180 Resp: 718867

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	31.1	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

