

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006333.D
 Acq On : 06 Dec 2018 21:50
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 07 04:35:08 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	5.67	168	658952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	343495	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	328433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	1180444	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	443171	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331932	51.446	ug/l	99
3) Chloromethane	1.33	50	314953	47.502	ug/l	98
4) Vinyl Chloride	1.41	62	346072	48.497	ug/l	98
5) Bromomethane	1.64	94	267244	54.038	ug/l	100
6) Chloroethane	1.71	64	219162	50.090	ug/l	96
7) Trichlorofluoromethane	1.93	101	542368	49.514	ug/l	99
8) Diethyl Ether	2.19	74	208890	50.388	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	309733	49.728	ug/l	100
10) Methyl Iodide	2.51	142	439582	46.830	ug/l	99
11) Tert butyl alcohol	3.08	59	416575	226.444	ug/l	100
12) 1,1-Dichloroethene	2.37	96	291846	48.946	ug/l	94
13) Acrolein	2.30	56	207374	206.244	ug/l	100
14) Allyl chloride	2.73	41	533532	45.297	ug/l	98
15) Acrylonitrile	3.15	53	909571	236.936	ug/l	99
16) Acetone	2.45	43	752534	238.380	ug/l	98
17) Carbon Disulfide	2.57	76	809231	44.044	ug/l	100
18) Methyl Acetate	2.78	43	521268	49.376	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1059330	49.802	ug/l	99
20) Methylene Chloride	2.86	84	323210	48.107	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	309003	48.630	ug/l	99
22) Diisopropyl ether	3.87	45	928690	50.479	ug/l	98
23) Vinyl Acetate	3.82	43	3859500	245.960	ug/l	100
24) 1,1-Dichloroethane	3.70	63	536620	51.031	ug/l	98
25) 2-Butanone	4.70	43	1092365	242.511	ug/l	97
26) 2,2-Dichloropropane	4.59	77	425666	43.862	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	367390	51.835	ug/l	97
28) Bromochloromethane	5.02	49	237497	51.707	ug/l	99
29) Tetrahydrofuran	5.15	42	746664	238.509	ug/l	99
30) Chloroform	5.21	83	565283	51.154	ug/l	100
31) Cyclohexane	5.57	56	458024	47.131	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	519466	49.406	ug/l	99
36) 1,1-Dichloropropene	5.80	75	405926	48.522	ug/l	100
37) Ethyl Acetate	4.85	43	434043	46.329	ug/l	98
38) Carbon Tetrachloride	5.78	117	472100	47.969	ug/l	99

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 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511098	47.066	ug/l	96
40) Benzene	6.15	78	1247258	49.778	ug/l	98
41) Methacrylonitrile	5.06	41	238717	46.307	ug/l	98
42) 1,2-Dichloroethane	6.20	62	414286	50.520	ug/l	100
43) Isopropyl Acetate	6.46	43	727300	46.561	ug/l	99
44) Trichloroethene	7.21	130	377228	49.696	ug/l	99
45) 1,2-Dichloropropane	7.52	63	312614	49.090	ug/l	96
46) Dibromomethane	7.66	93	227914	49.555	ug/l	99
47) Bromodichloromethane	7.90	83	431482	48.446	ug/l	100
48) Methyl methacrylate	7.77	41	356367	46.896	ug/l	97
49) 1,4-Dioxane	7.75	88	170271	909.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2123097	233.482	ug/l	99
52) Toluene	8.79	92	816381	49.524	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	483549	46.423	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	510652	47.213	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	340819	50.892	ug/l	99
56) Ethyl methacrylate	9.18	69	503954	48.136	ug/l	98
57) 1,3-Dichloropropane	9.37	76	537485	50.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1276516	240.275	ug/l	99
59) 2-Hexanone	9.49	43	1580393	227.485	ug/l	99
60) Dibromochloromethane	9.59	129	400274	48.471	ug/l	100
61) 1,2-Dibromoethane	9.67	107	366653	48.964	ug/l	99
64) Tetrachloroethene	9.34	164	341913	50.772	ug/l	97
65) Chlorobenzene	10.14	112	964956	50.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	365048	49.496	ug/l	99
67) Ethyl Benzene	10.25	91	1554427	49.235	ug/l	100
68) m/p-Xylenes	10.36	106	1247507	98.643	ug/l	99
69) o-Xylene	10.70	106	615231	49.251	ug/l	100
70) Styrene	10.71	104	992766	49.137	ug/l	99
71) Bromoform	10.86	173	315609	45.332	ug/l	99
73) Isopropylbenzene	11.02	105	1638243	52.135	ug/l	100
74) N-amyl acetate	10.90	43	626360	46.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	497135	49.452	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	585503	66.666	ug/l	86
77) Bromobenzene	11.26	156	445623	51.101	ug/l	99
78) n-propylbenzene	11.36	91	1777444	50.886	ug/l	99
79) 2-Chlorotoluene	11.42	91	1054303	50.783	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1339257	51.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162818	43.505	ug/l	93
82) 4-Chlorotoluene	11.51	91	1208409	50.063	ug/l	99
83) tert-Butylbenzene	11.77	119	1424372	51.061	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1384297	51.276	ug/l	99
85) sec-Butylbenzene	11.94	105	1642815	51.766	ug/l	99
86) p-Isopropyltoluene	12.07	119	1463836	51.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	788050	50.787	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	787965	50.032	ug/l	99
89) n-Butylbenzene	12.39	91	1227651	50.349	ug/l	100
90) Hexachloroethane	12.60	117	283954	48.754	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	777840	50.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115691	44.894	ug/l	98

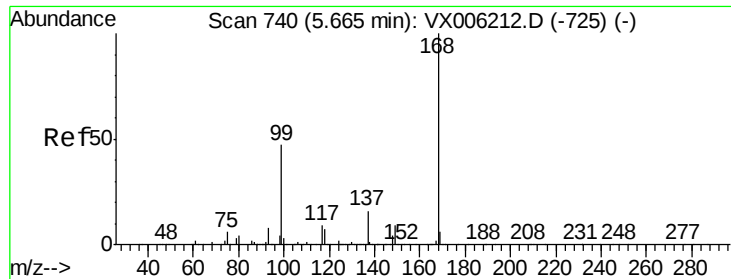
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	565491	50.332	ug/l	100
94) Hexachlorobutadiene	13.78	225	256456	51.615	ug/l	99
95) Naphthalene	13.83	128	1773742	50.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	570338	51.252	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

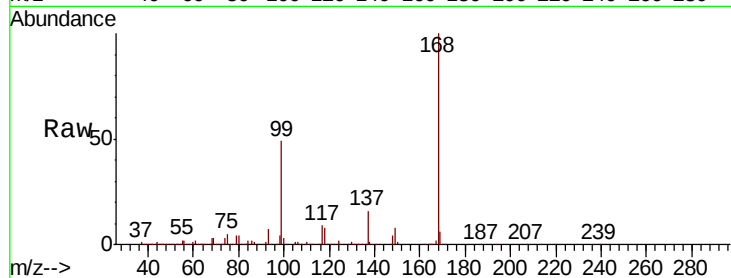
VSTDCCC050EC

Tot Ion:168 Resp: 658952

Ion Ratio Lower Upper

168 100

99 48.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

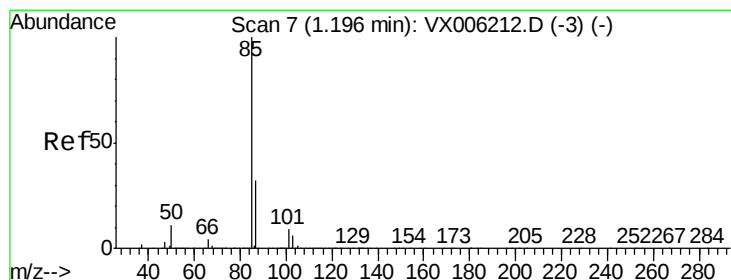
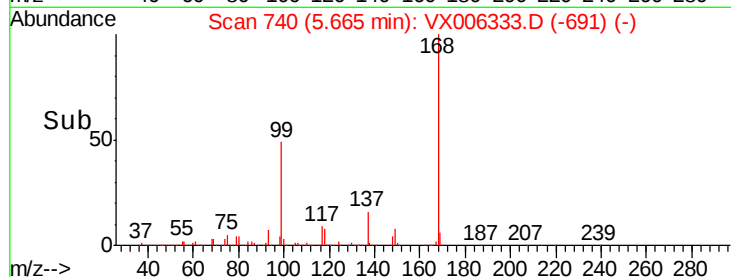
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.446 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006333.D

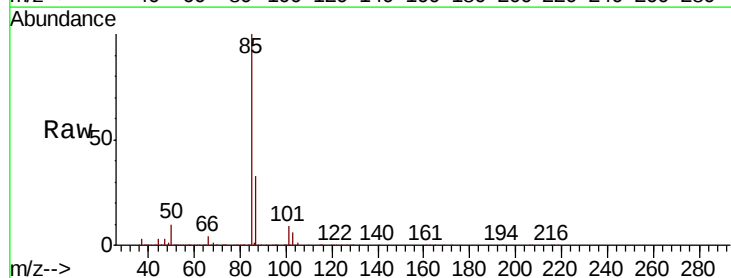
Acq: 06 Dec 2018 21:50

Tgt Ion: 85 Resp: 331932

Ion Ratio Lower Upper

85 100

87 32.8 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

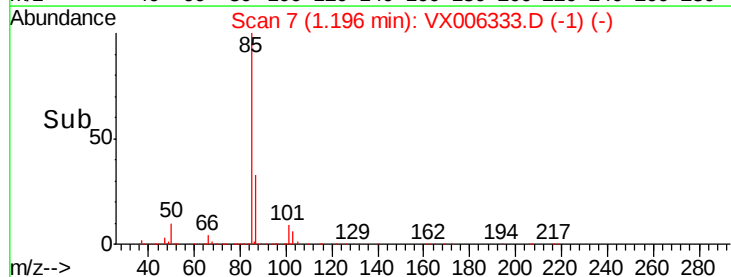
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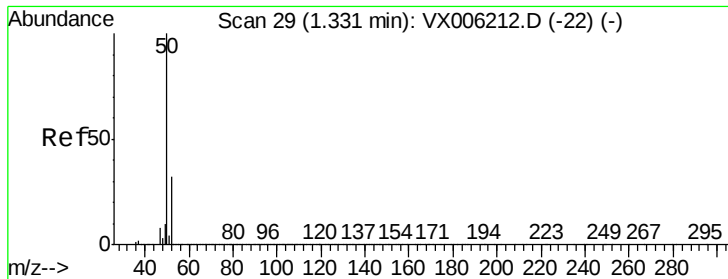
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.502 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

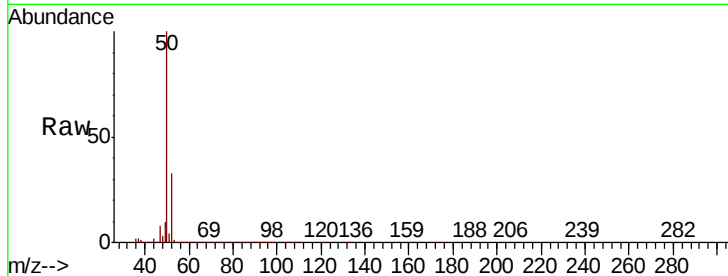
VSTDCCC050EC

Tot Ion: 50 Resp: 314953

Ion Ratio Lower Upper

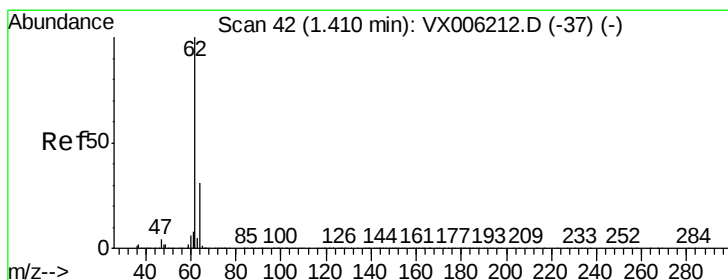
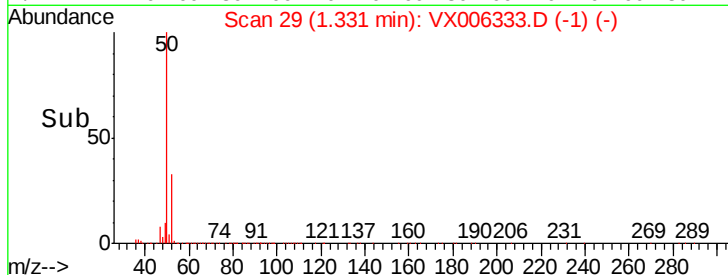
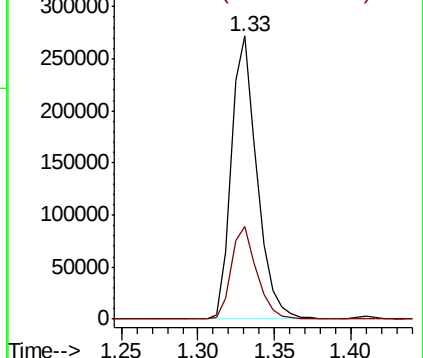
50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.497 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006333.D

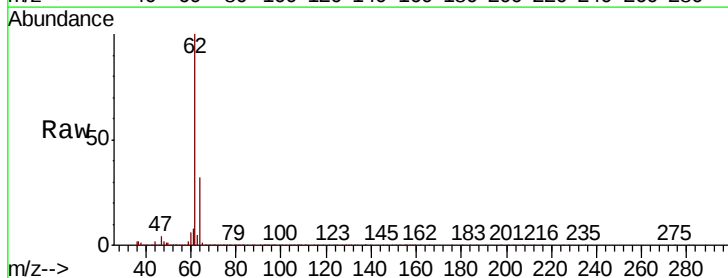
Acq: 06 Dec 2018 21:50

Tgt Ion: 62 Resp: 346072

Ion Ratio Lower Upper

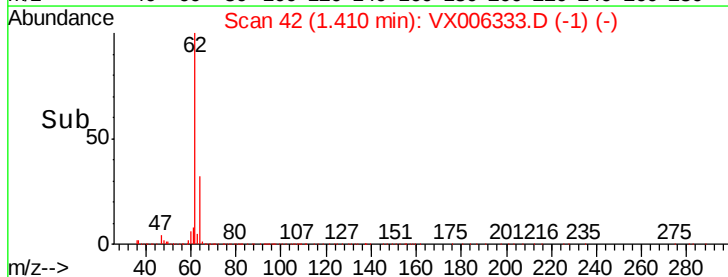
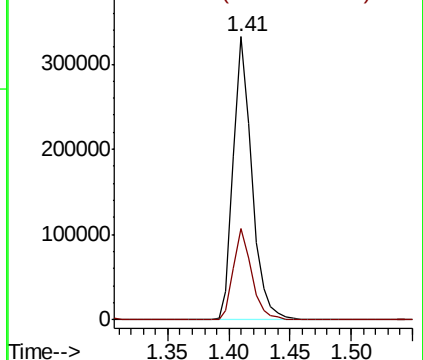
62 100

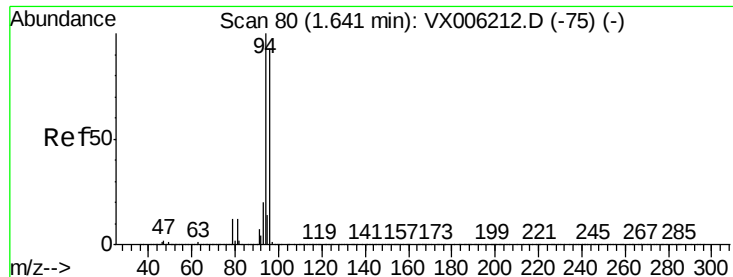
64 32.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.038 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

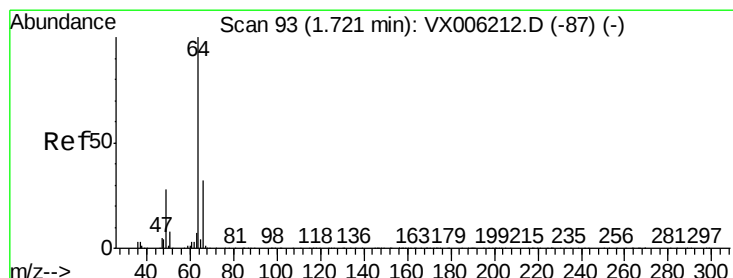
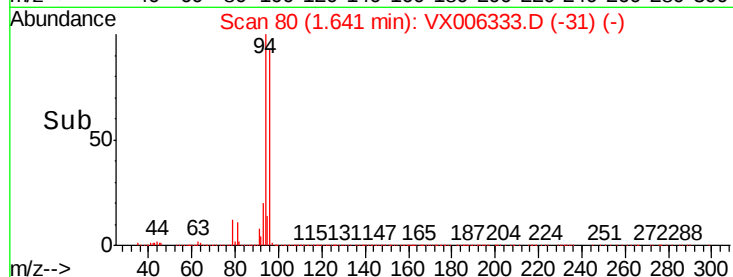
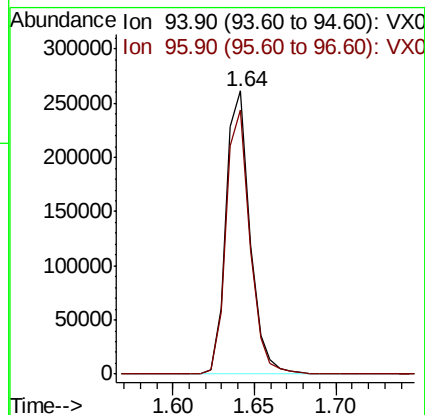
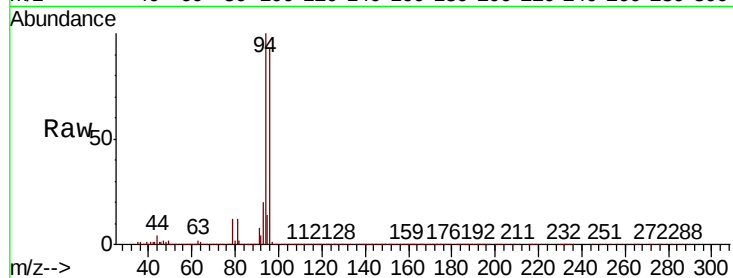
VSTDCCC050EC

Tot Ion: 94 Resp: 267244

Ion Ratio Lower Upper

94 100

96 93.2 74.5 111.7



#6

Chloroethane

Concen: 50.090 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006333.D

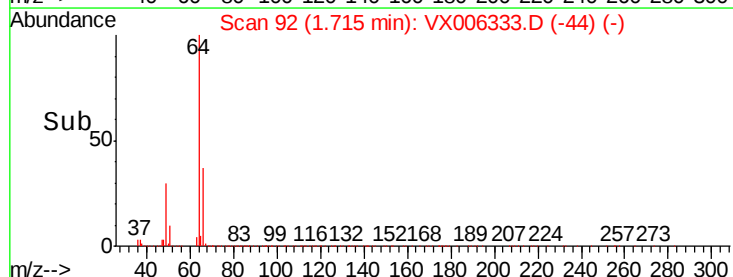
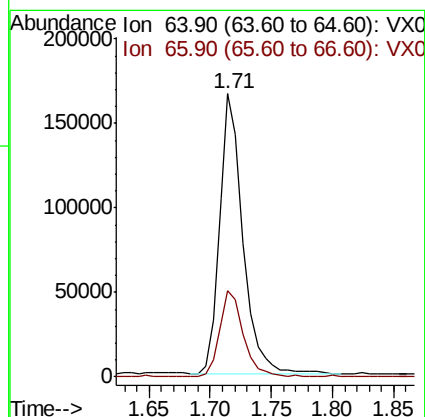
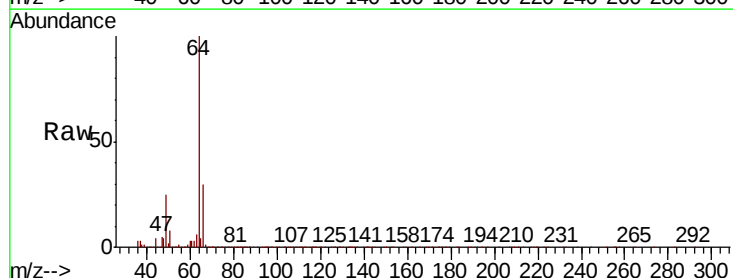
Acq: 06 Dec 2018 21:50

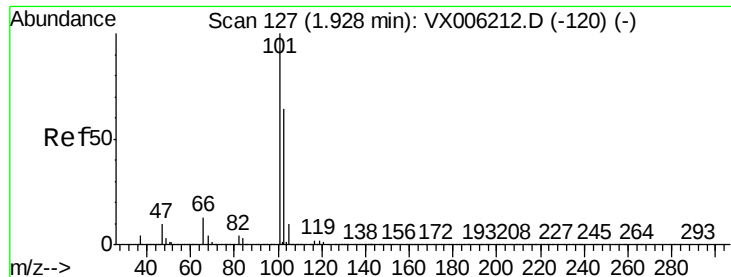
Tgt Ion: 64 Resp: 219162

Ion Ratio Lower Upper

64 100

66 30.4 25.9 38.9



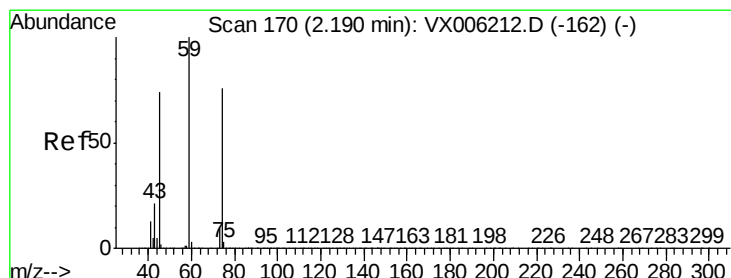
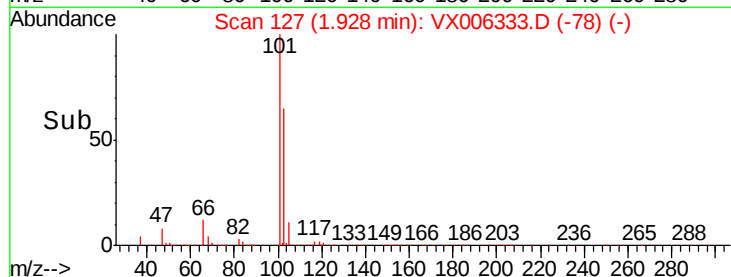
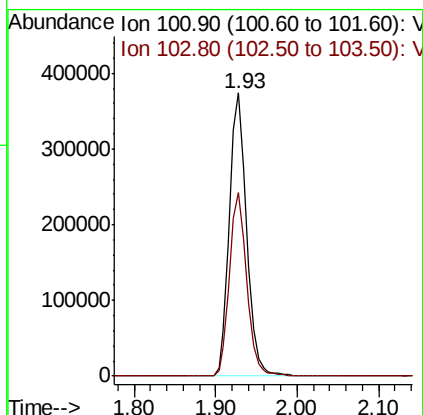
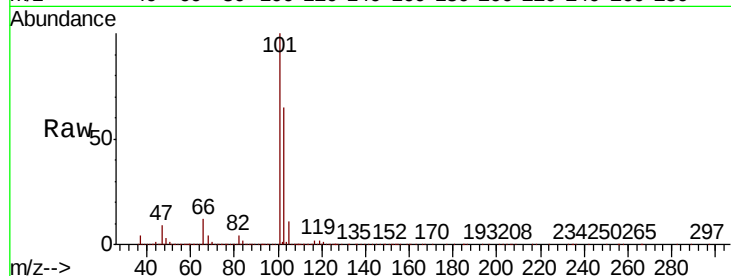


#7

Trichlorofluoromethane
Concen: 49.514 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

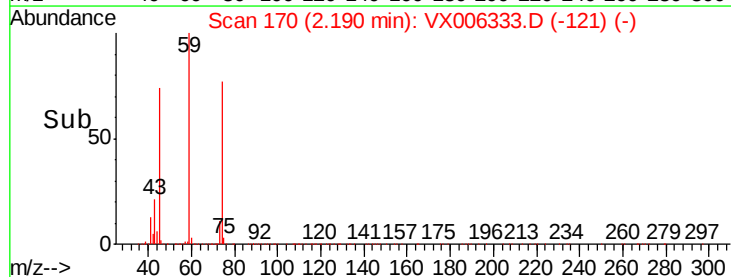
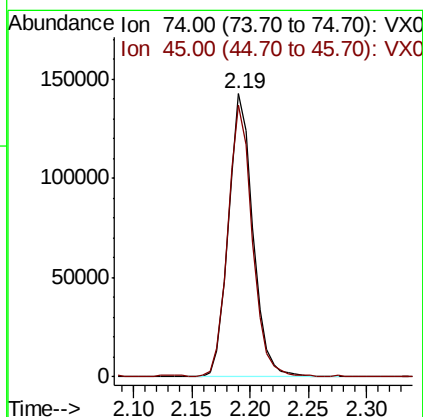
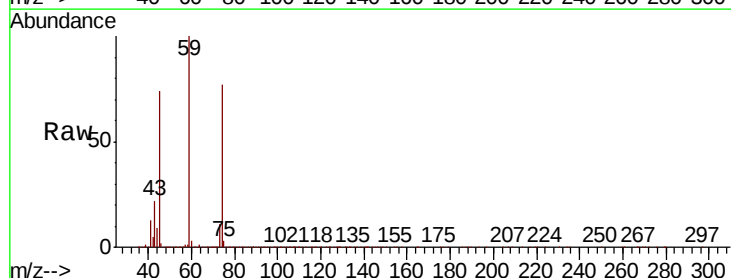
Tot Ion:101 Resp: 542368
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

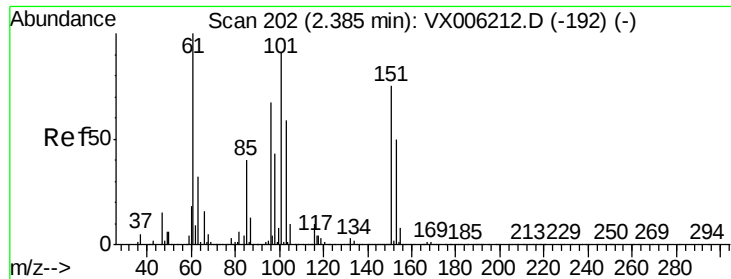


#8

Diethyl Ether
Concen: 50.388 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 74 Resp: 208890
Ion Ratio Lower Upper
74 100
45 95.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.728 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

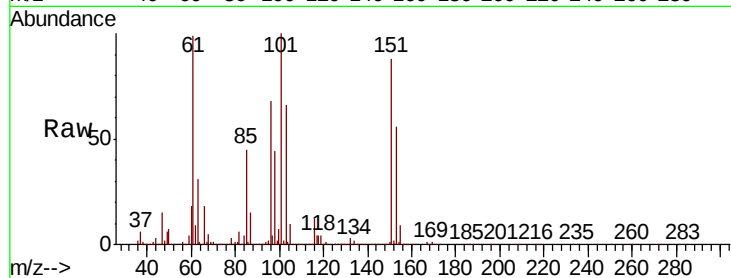
Tot Ion:101 Resp: 309733

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

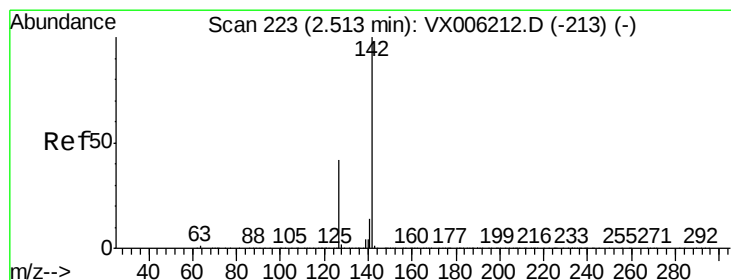
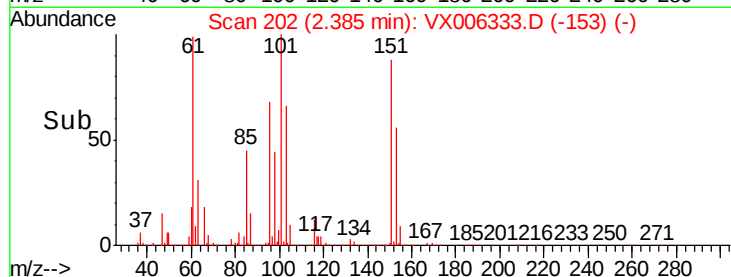
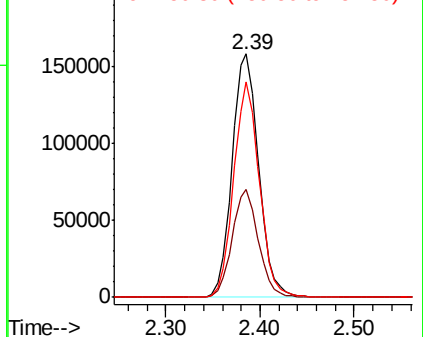
151 85.5 68.6 103.0



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: 46.830 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

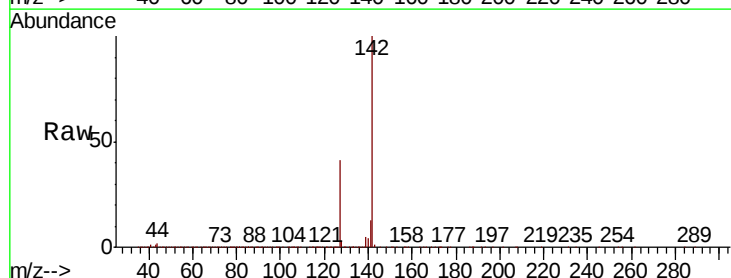
Tgt Ion:142 Resp: 439582

Ion Ratio Lower Upper

142 100

127 42.7 34.8 52.2

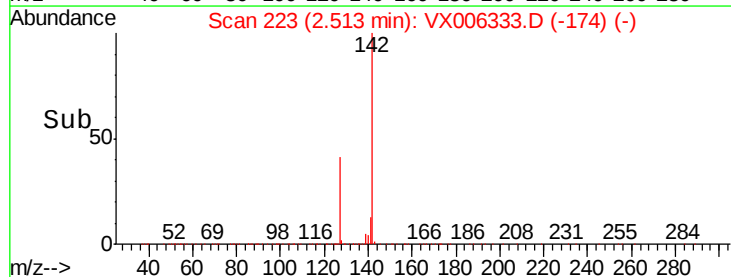
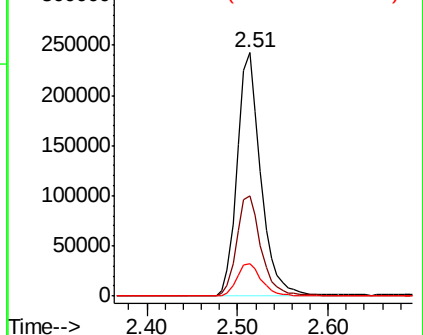
141 14.2 11.4 17.2

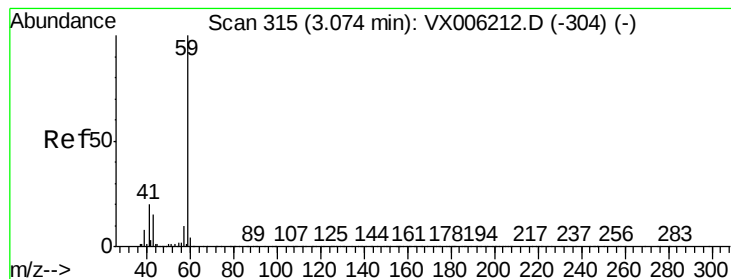


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



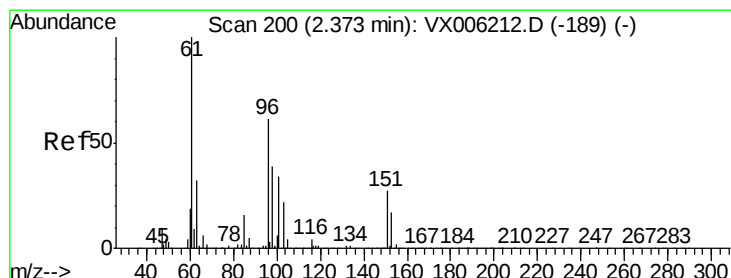
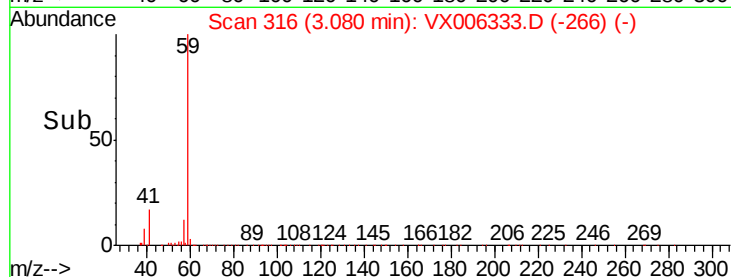
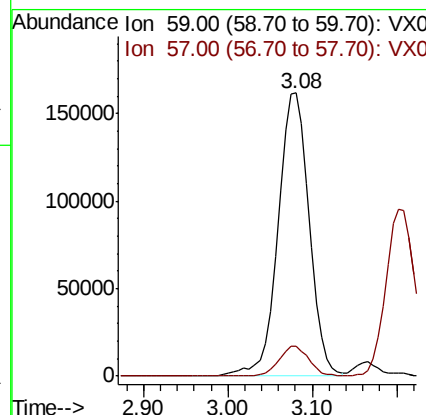
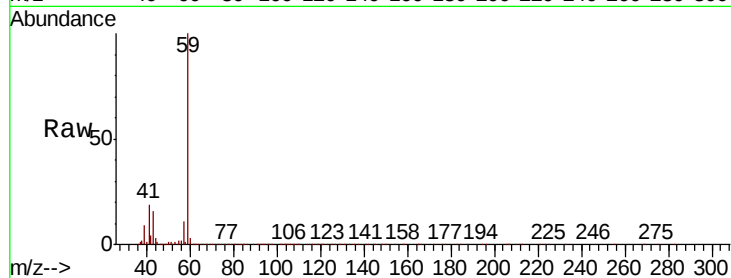


#11

Tert butyl alcohol
Concen: 226.444 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

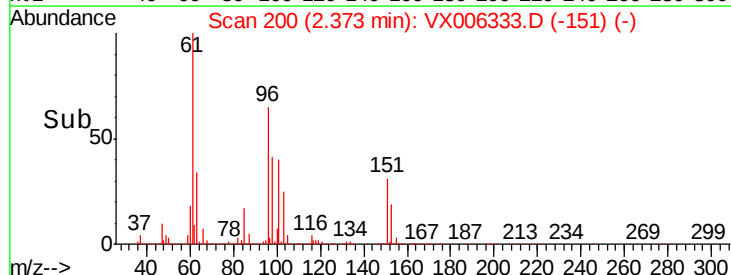
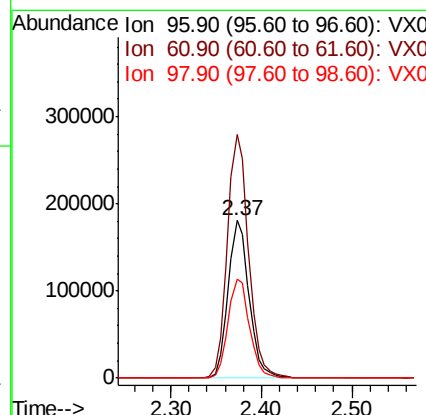
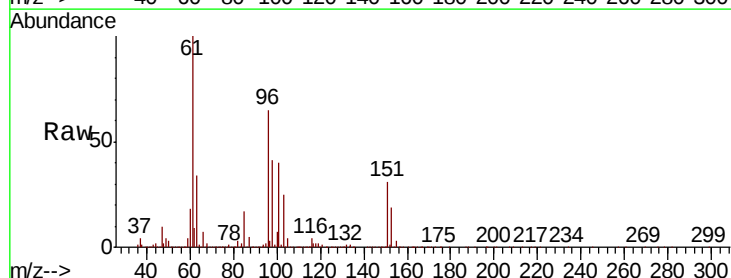
Tot Ion: 59 Resp: 416575
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

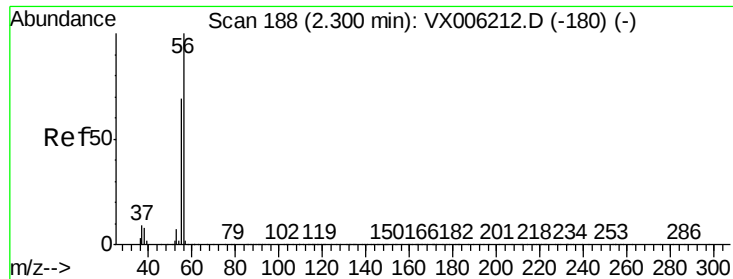


#12

1,1-Dichloroethene
Concen: 48.946 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 96 Resp: 291846
Ion Ratio Lower Upper
96 100
61 154.5 131.7 197.5
98 62.6 51.8 77.6





#13

Acrolein

Concen: 206.244 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

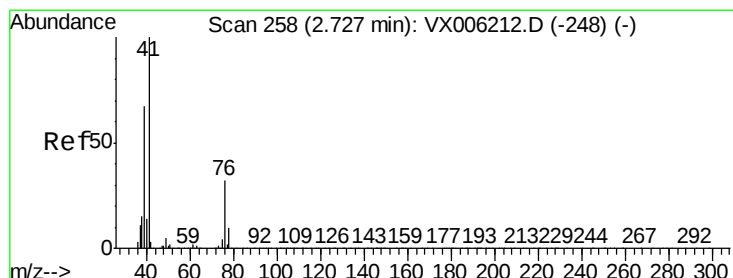
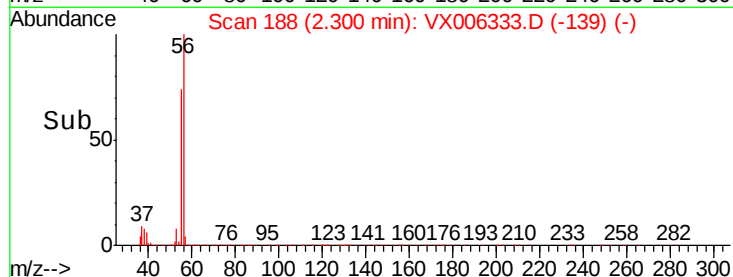
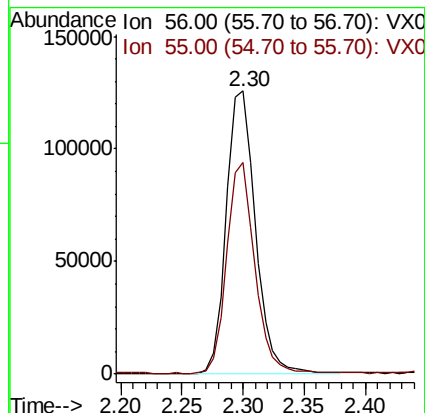
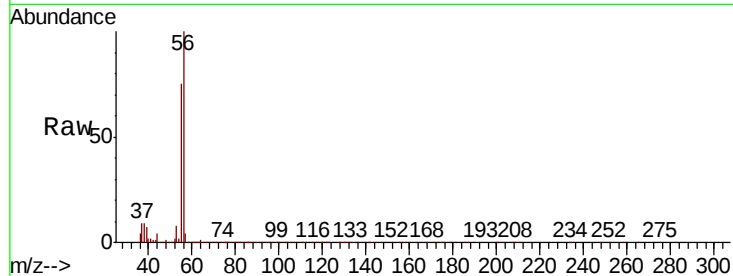
VSTDCCC050EC

Tot Ion: 56 Resp: 207374

Ion Ratio Lower Upper

56 100

55 71.8 57.8 86.6



#14

Allyl chloride

Concen: 45.297 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

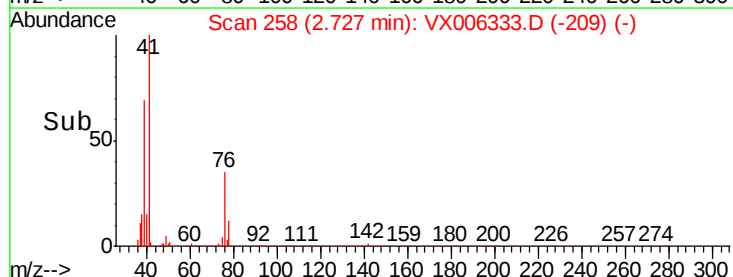
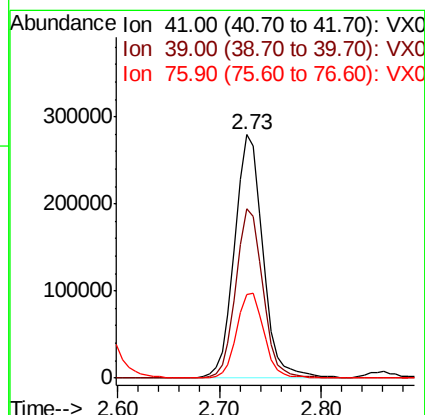
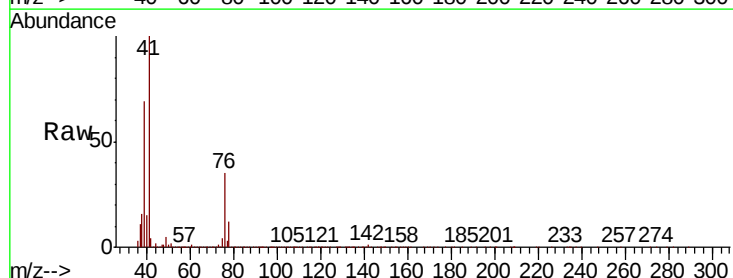
Tgt Ion: 41 Resp: 533532

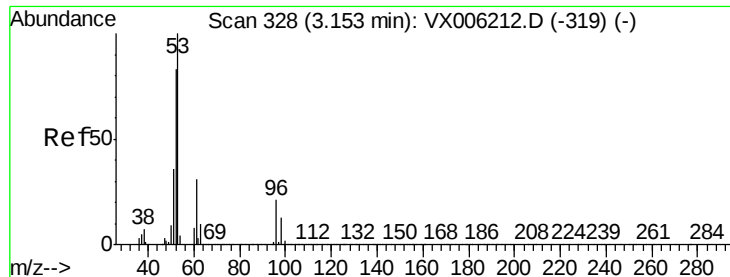
Ion Ratio Lower Upper

41 100

39 66.2 52.4 78.6

76 33.5 25.4 38.0





#15

Acrylonitrile

Concen: 236.936 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

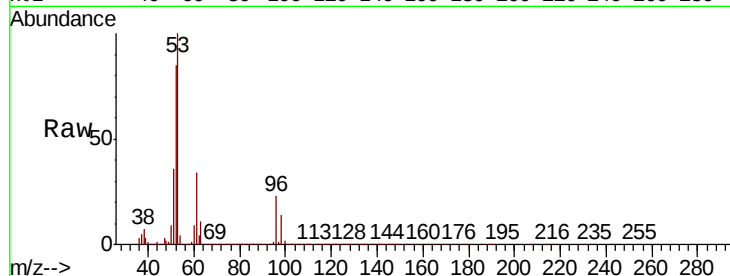
Tot Ion: 53 Resp: 909571

Ion Ratio Lower Upper

53 100

52 83.7 66.2 99.4

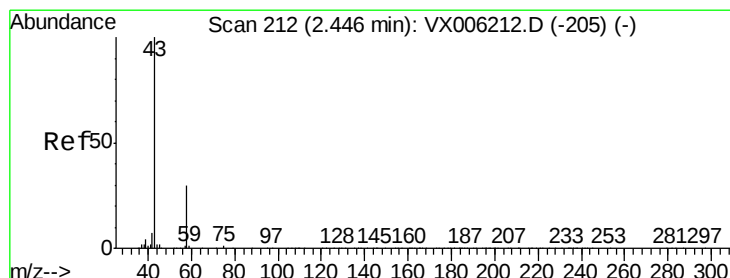
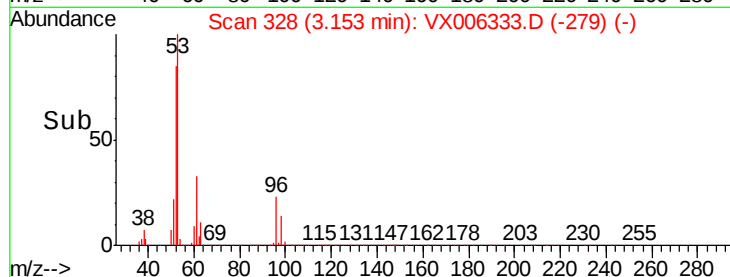
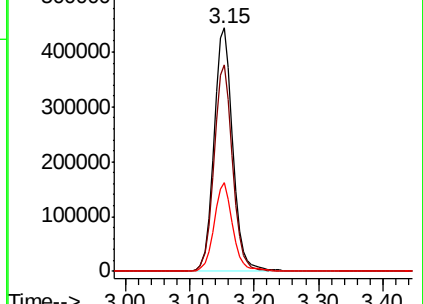
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.380 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006333.D

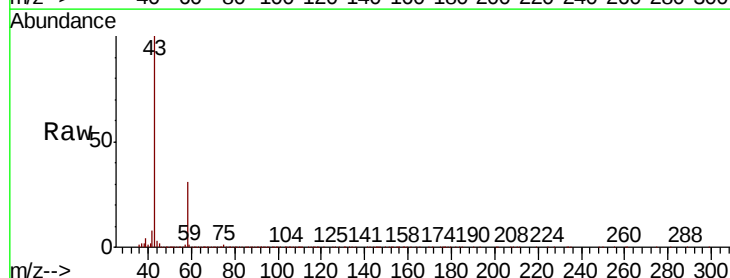
Acq: 06 Dec 2018 21:50

Tgt Ion: 43 Resp: 752534

Ion Ratio Lower Upper

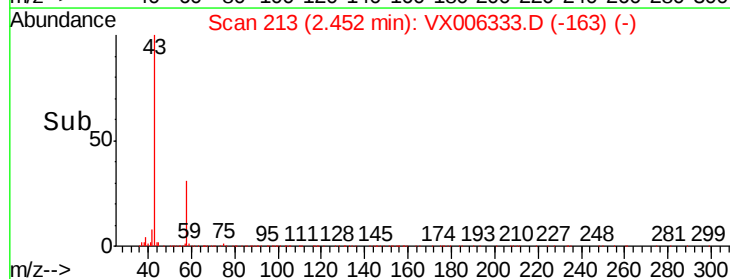
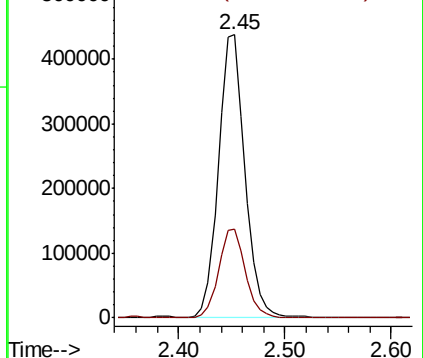
43 100

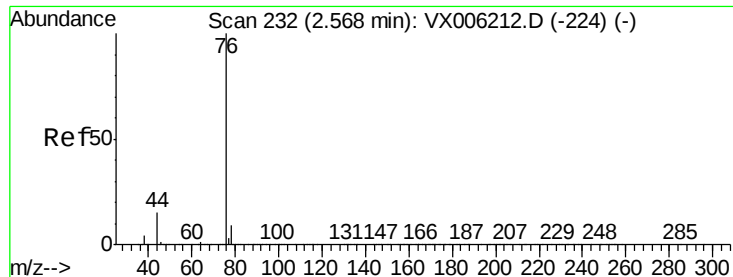
58 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.044 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

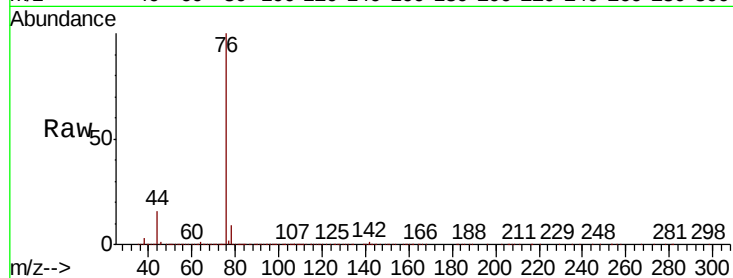
VSTDCCC050EC

Tot Ion: 76 Resp: 809231

Ion Ratio Lower Upper

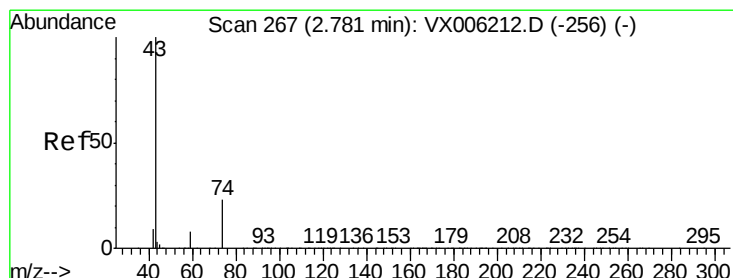
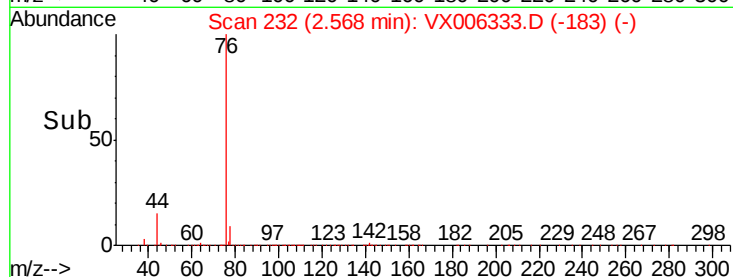
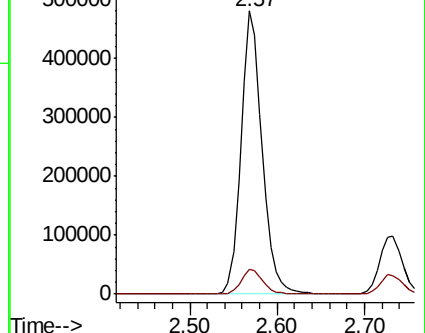
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.376 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006333.D

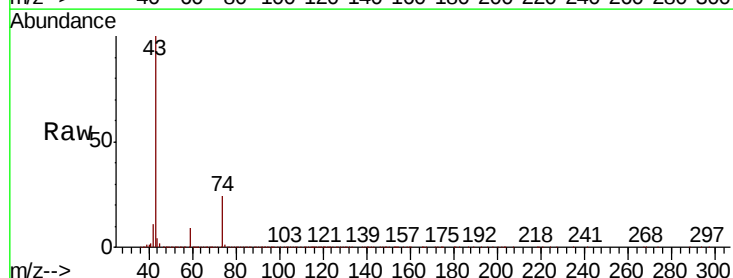
Acq: 06 Dec 2018 21:50

Tgt Ion: 43 Resp: 521268

Ion Ratio Lower Upper

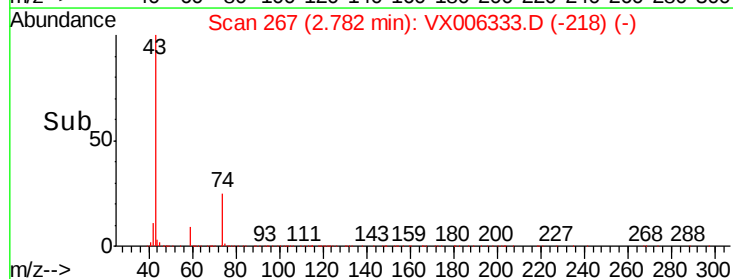
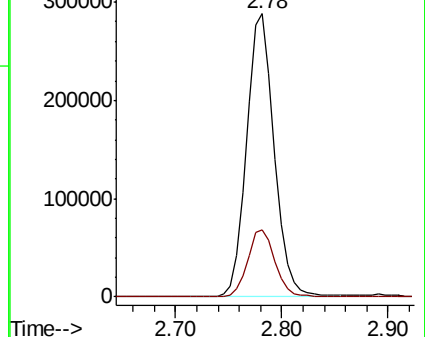
43 100

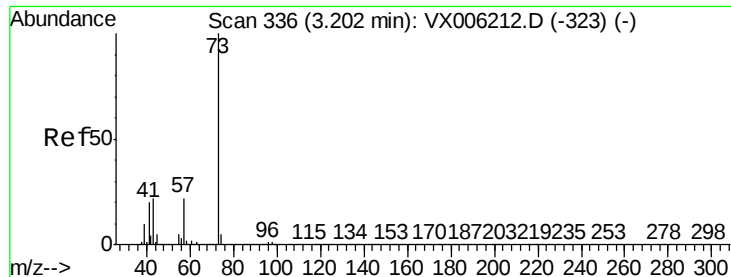
74 24.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



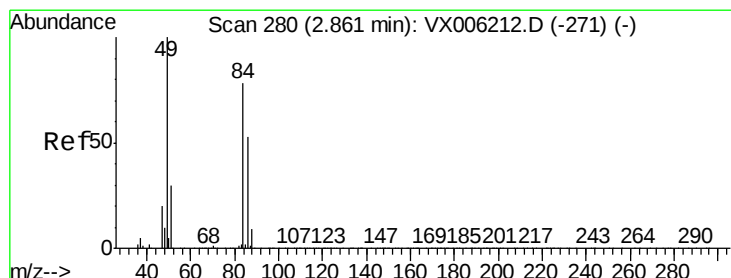
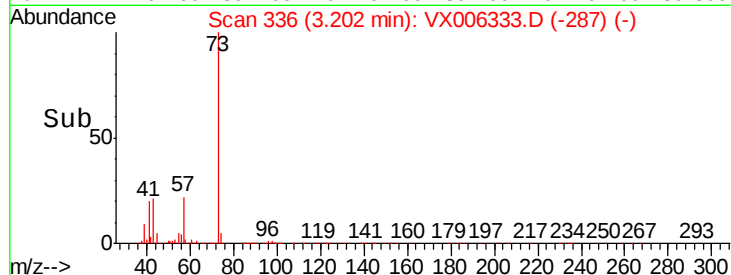
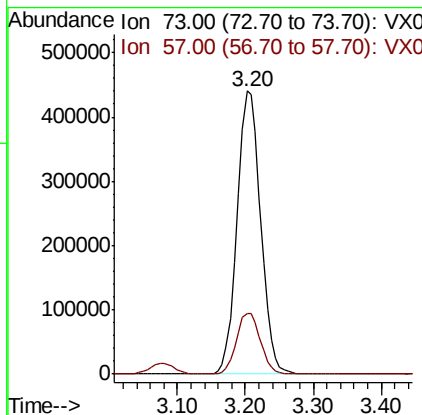
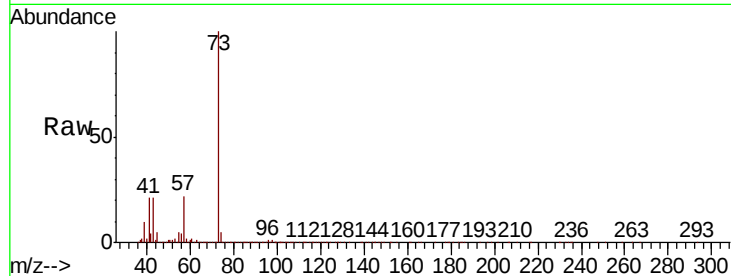


#19

Methyl tert-butyl Ether
 Concen: 49.802 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

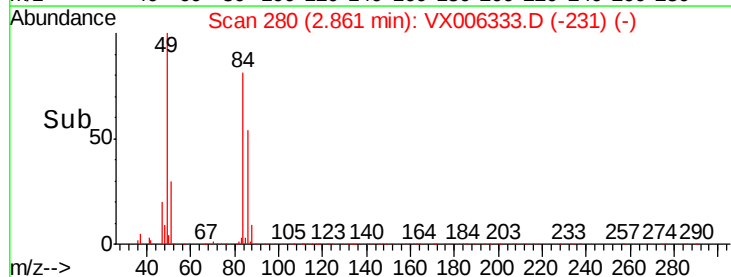
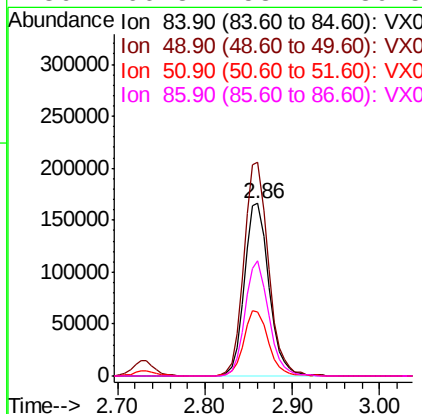
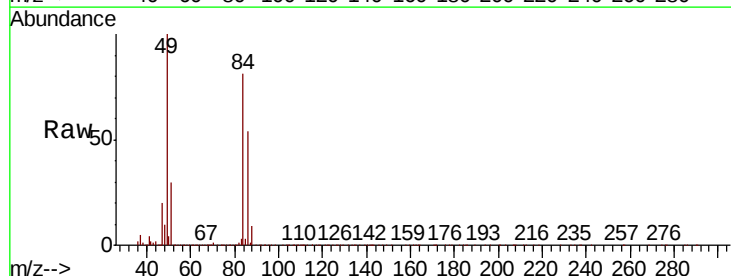
Tot Ion: 73 Resp: 1059330
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.5 26.3



#20

Methylene Chloride
 Concen: 48.107 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion: 84 Resp: 323210
 Ion Ratio Lower Upper
 84 100
 49 123.6 102.2 153.4
 51 36.7 31.1 46.7
 86 66.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.630 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

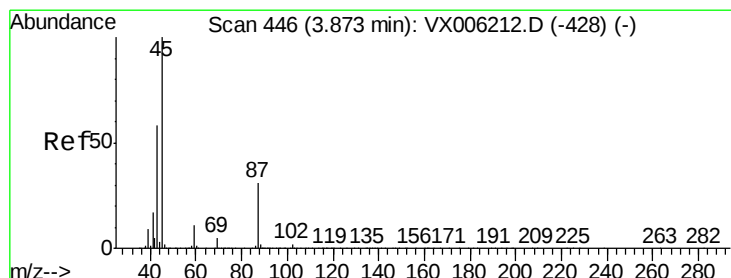
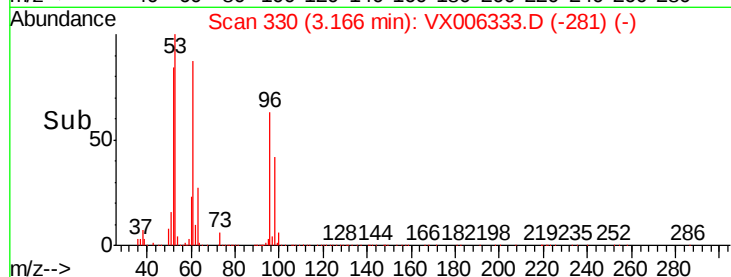
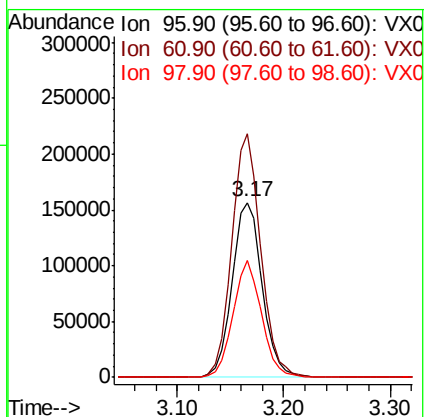
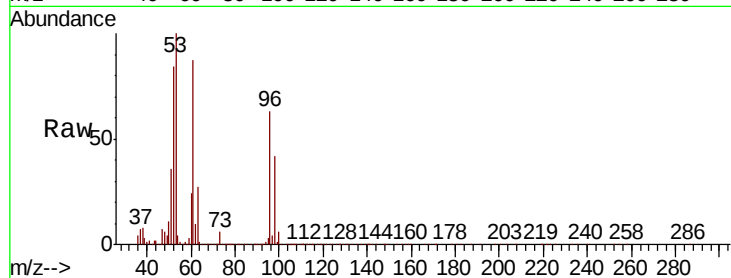
Tot Ion: 96 Resp: 309003

Ion Ratio Lower Upper

96 100

61 139.1 113.3 169.9

98 66.7 53.2 79.8



#22

Diisopropyl ether

Concen: 50.479 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion: 45 Resp: 928690

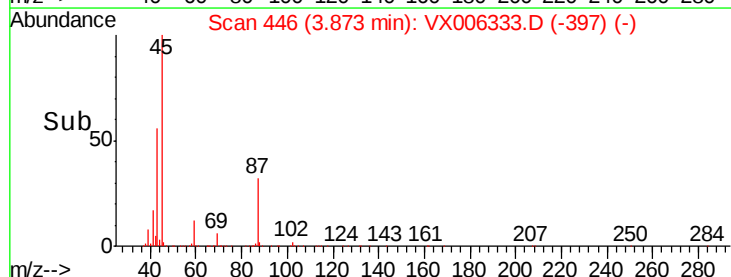
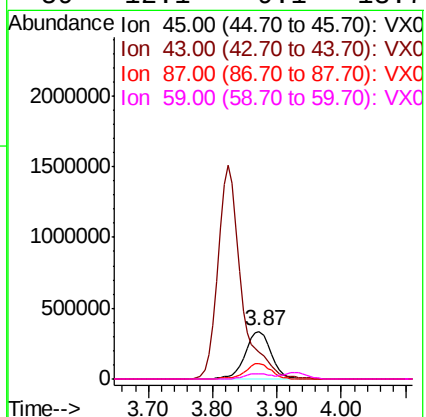
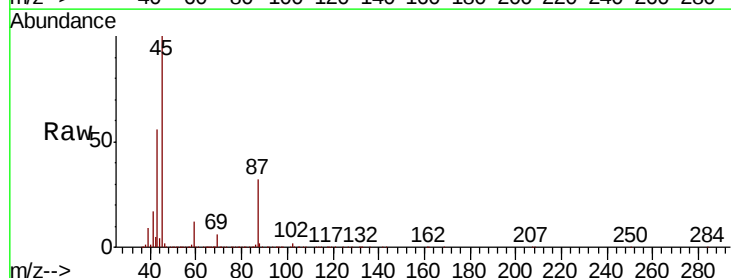
Ion Ratio Lower Upper

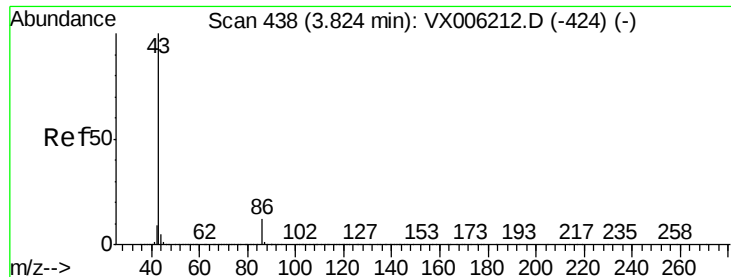
45 100

43 56.0 46.2 69.2

87 32.0 24.9 37.3

59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 245.960 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

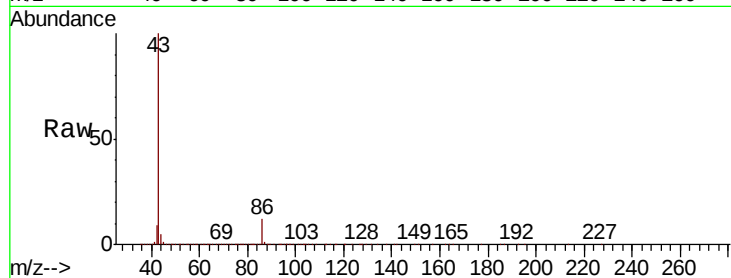
VSTDCCC050EC

Tot Ion: 43 Resp: 3859500

Ion Ratio Lower Upper

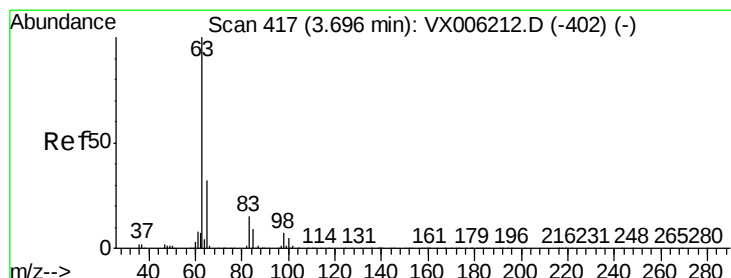
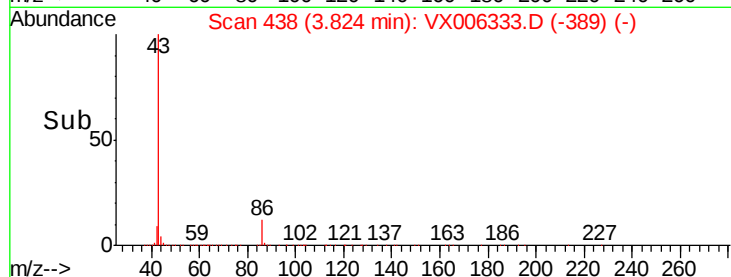
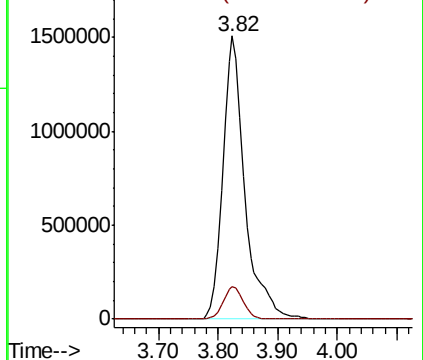
43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.031 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

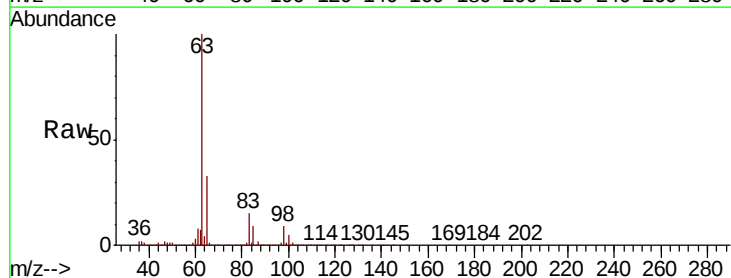
Tgt Ion: 63 Resp: 536620

Ion Ratio Lower Upper

63 100

98 8.5 3.8 11.4

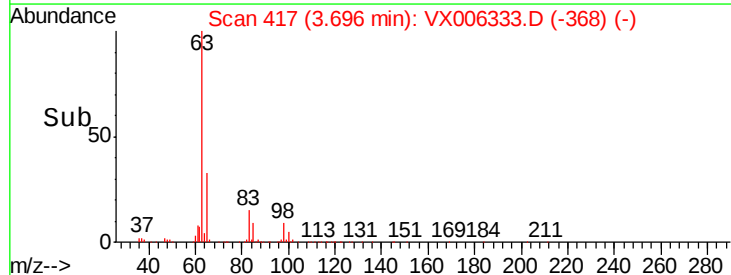
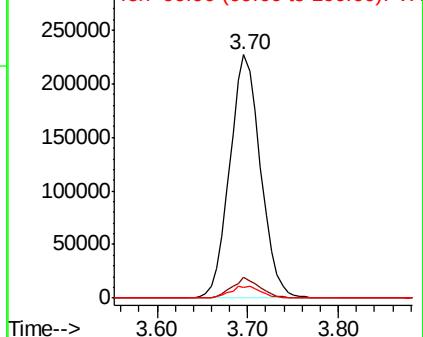
100 4.6 2.5 7.4

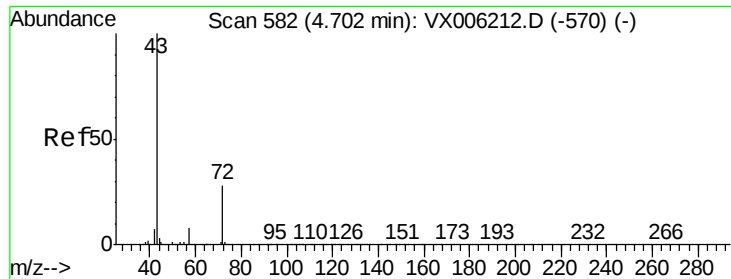


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.511 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

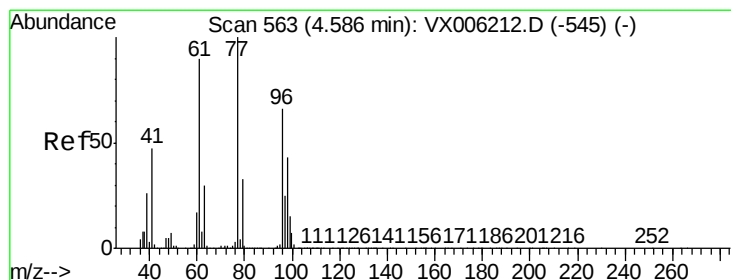
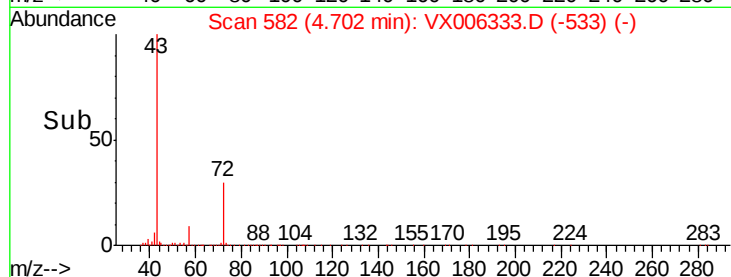
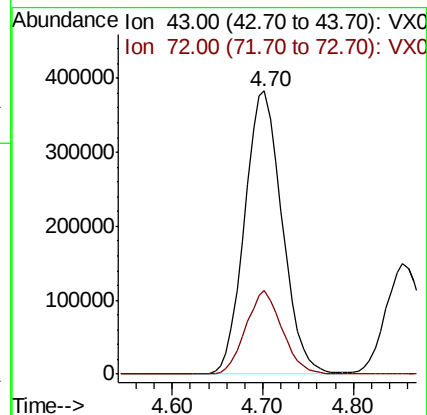
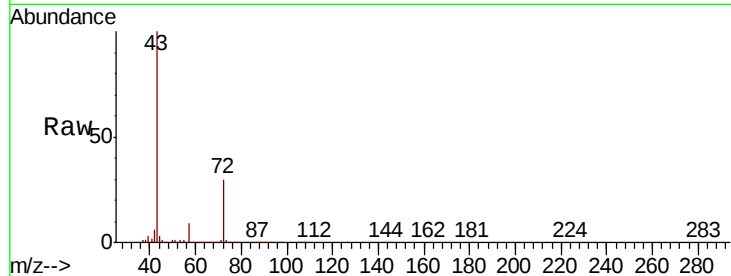
VSTDCCC050EC

Tot Ion: 43 Resp: 1092365

Ion Ratio Lower Upper

43 100

72 29.5 22.6 33.8



#26

2,2-Dichloropropane

Concen: 43.862 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006333.D

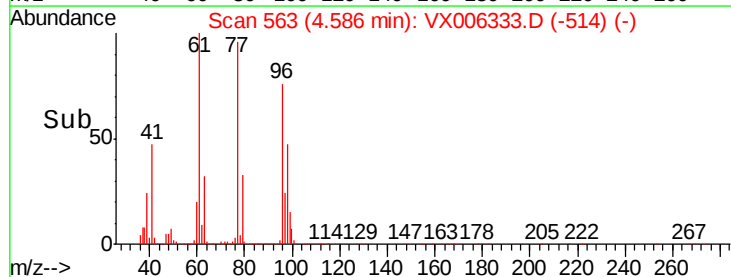
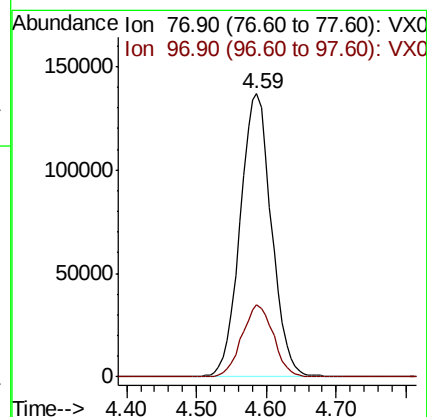
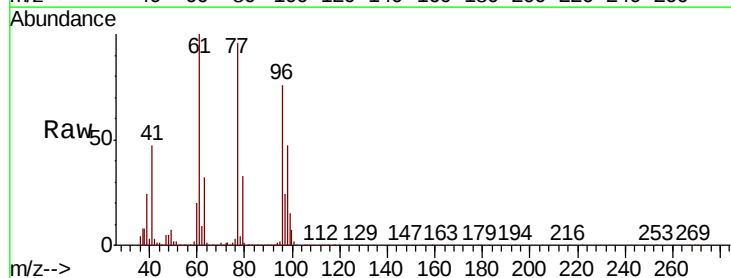
Acq: 06 Dec 2018 21:50

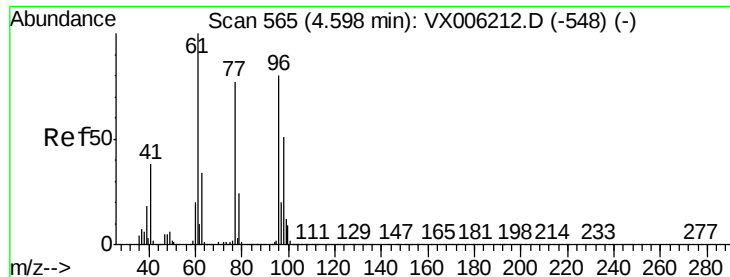
Tgt Ion: 77 Resp: 425666

Ion Ratio Lower Upper

77 100

97 25.7 12.3 36.8



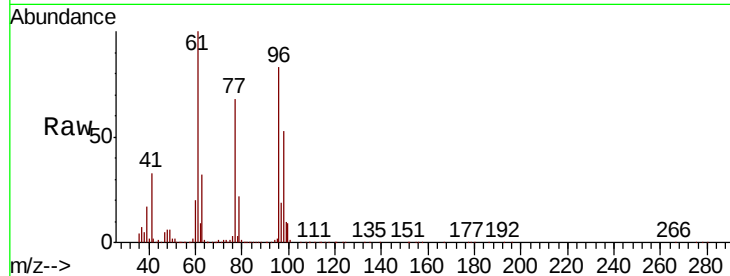


#27

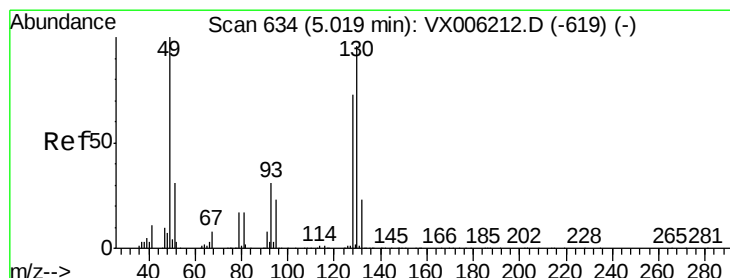
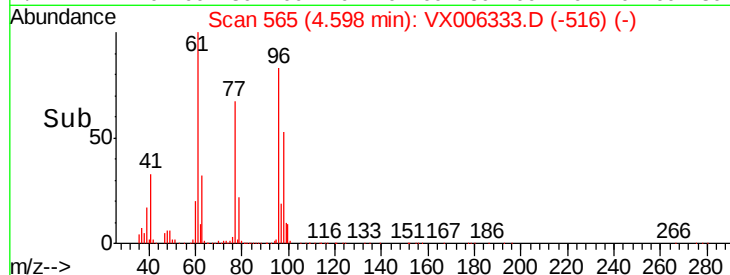
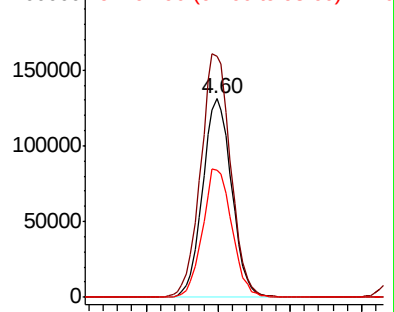
cis-1,2-Dichloroethene
Concen: 51.835 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	265.0
98	65.3	0.0	130.2



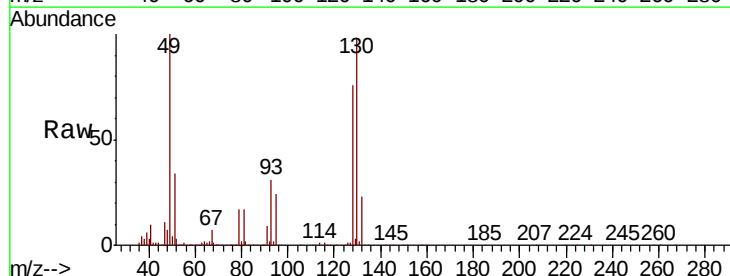
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



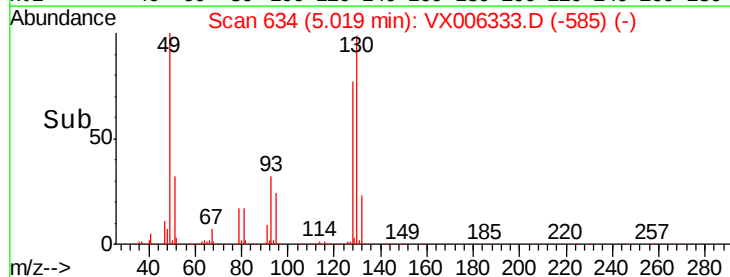
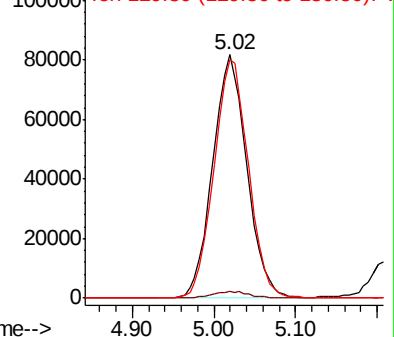
#28

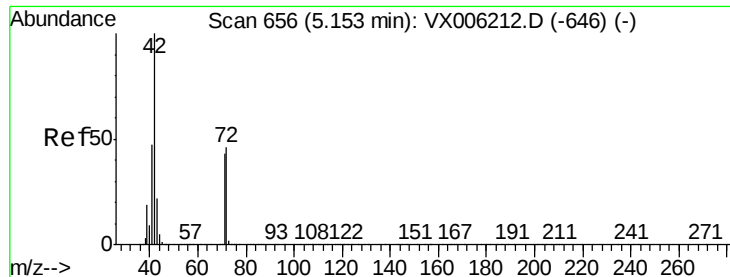
Bromochloromethane
Concen: 51.707 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	99.3	78.3	117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.509 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

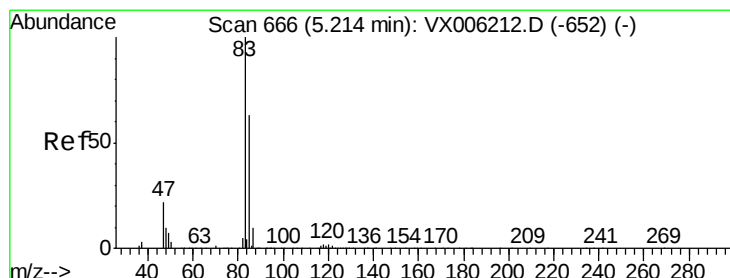
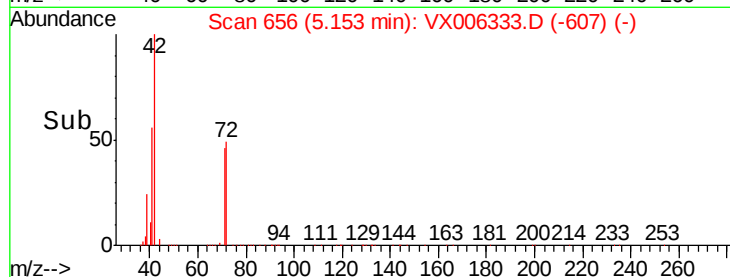
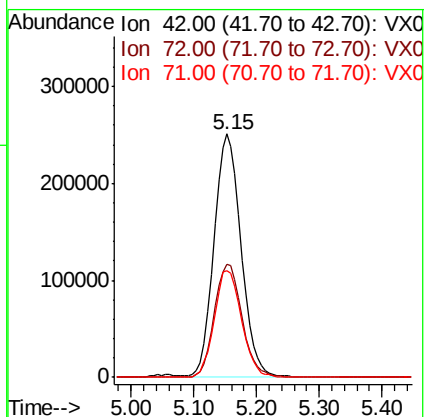
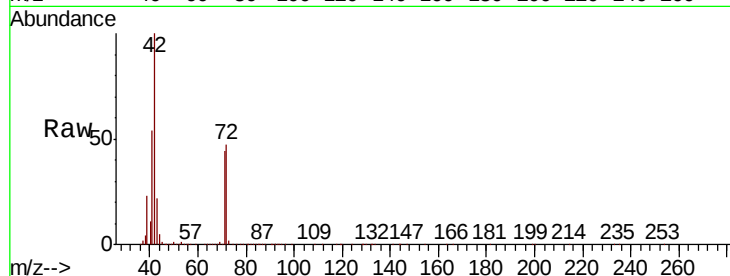
Tot Ion: 42 Resp: 746664

Ion Ratio Lower Upper

42 100

72 48.0 37.8 56.8

71 44.6 35.2 52.8



#30

Chloroform

Concen: 51.154 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006333.D

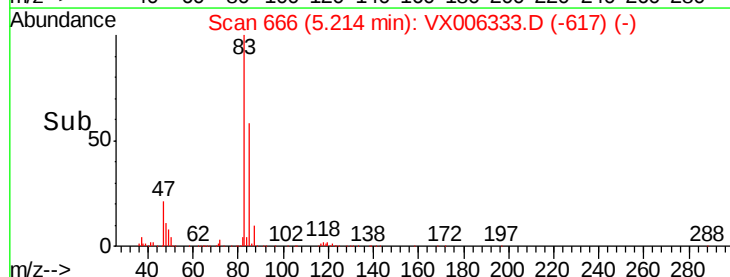
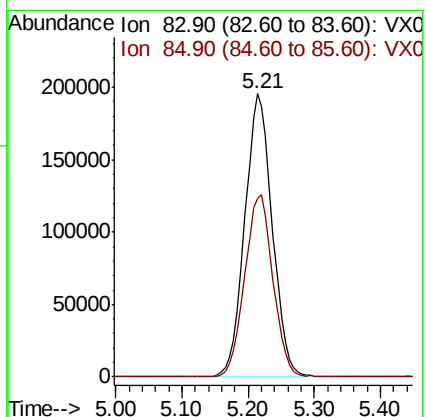
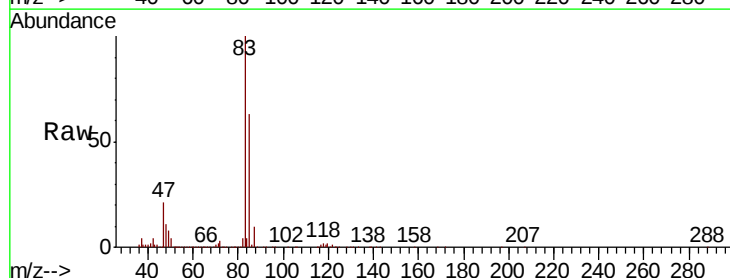
Acq: 06 Dec 2018 21:50

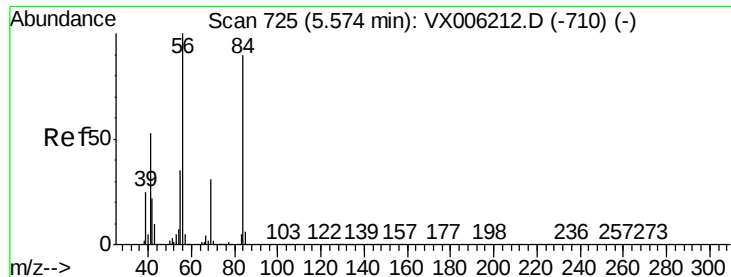
Tgt Ion: 83 Resp: 565283

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

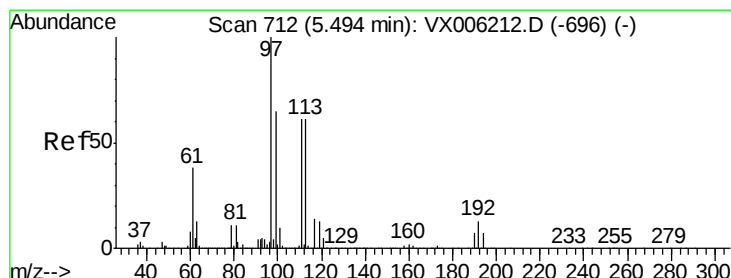
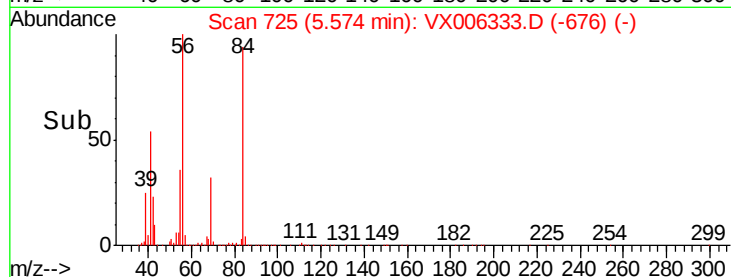
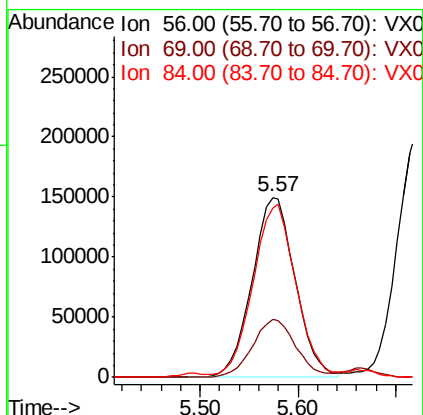
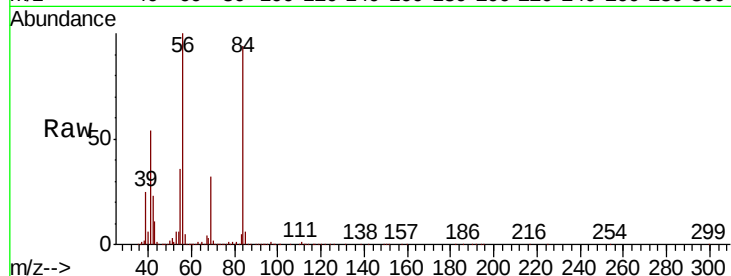




#31
Cyclohexane
Concen: 47.131 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

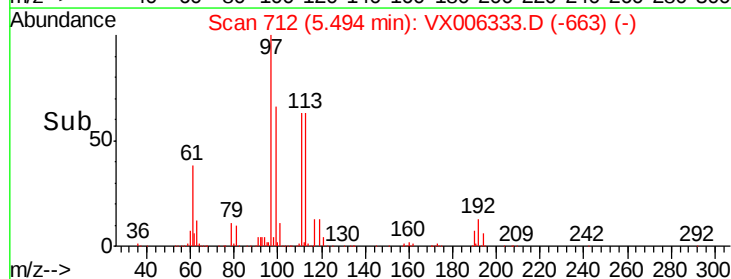
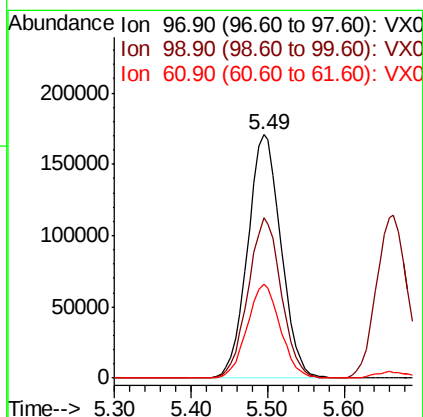
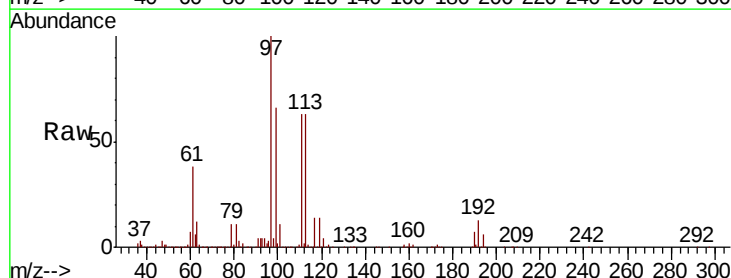
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

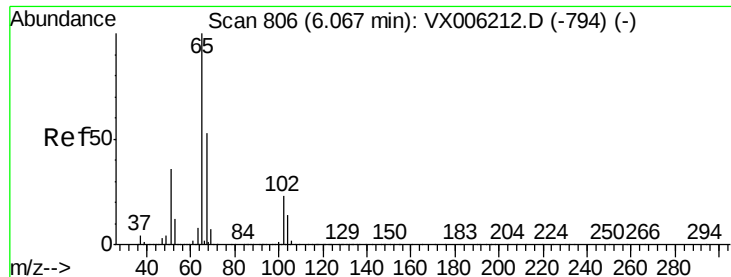
Tot Ion: 56 Resp: 458024
Ion Ratio Lower Upper
56 100
69 31.8 24.5 36.7
84 91.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.406 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 97 Resp: 519466
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 38.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 51.063 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

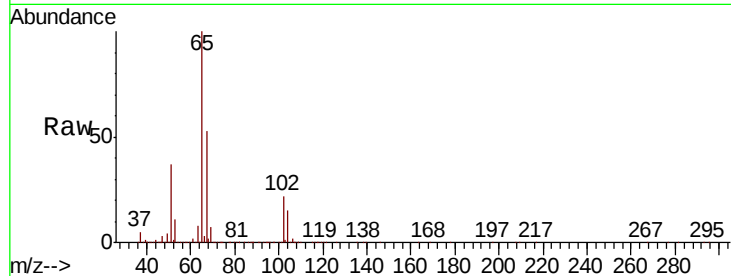
VSTDCCC050EC

Tot Ion: 65 Resp: 343495

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

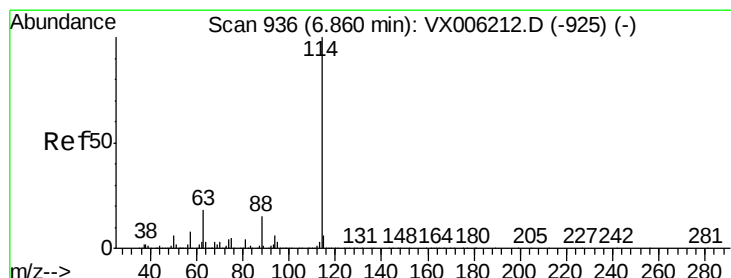
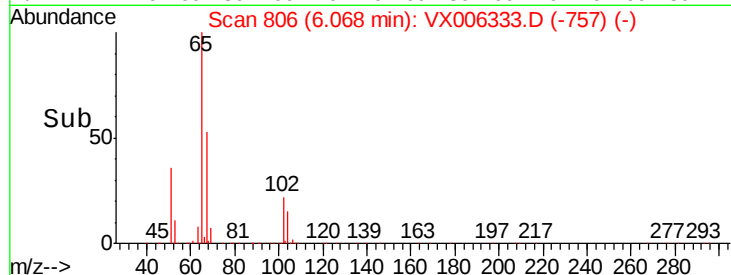
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

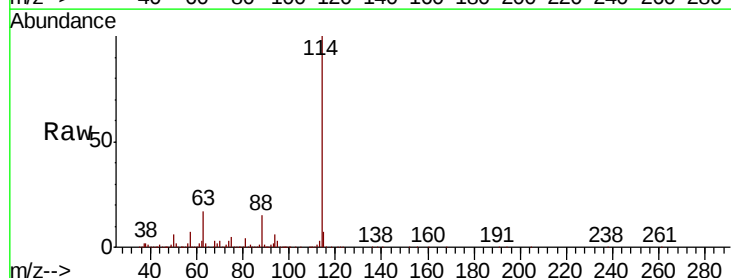
Tgt Ion: 114 Resp: 993444

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.8 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

6.86

500000

400000

300000

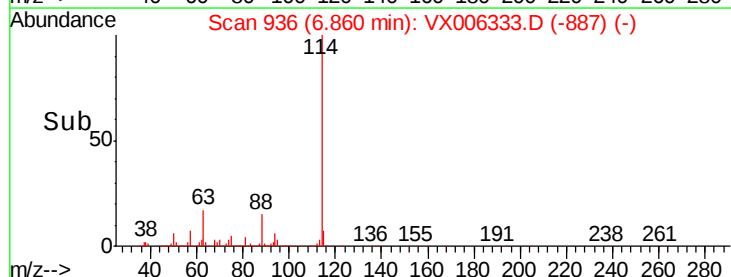
200000

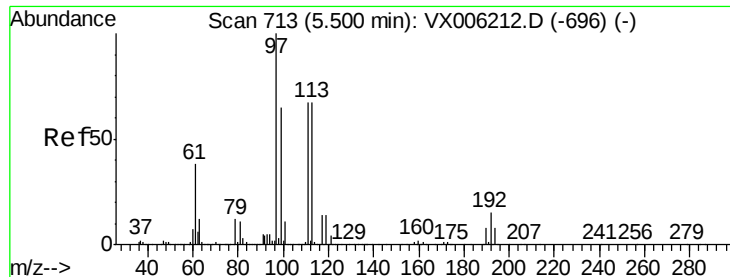
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

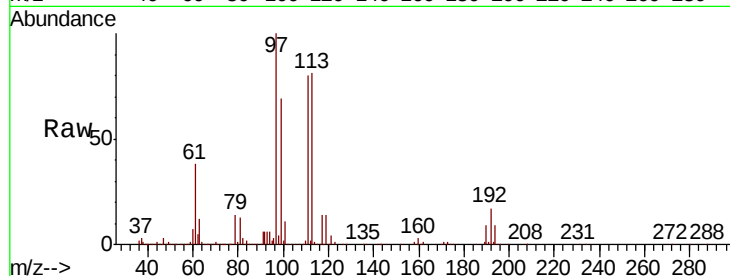
Tot Ion:113 Resp: 328433

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

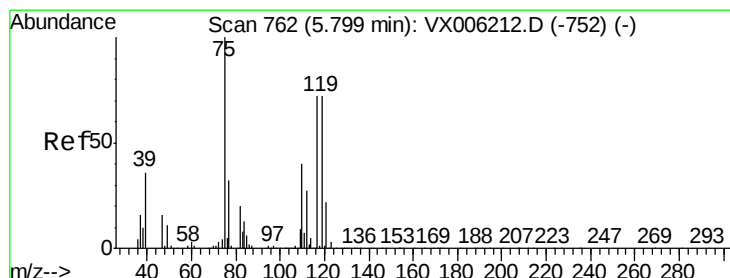
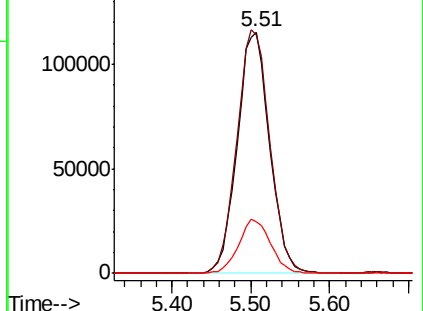
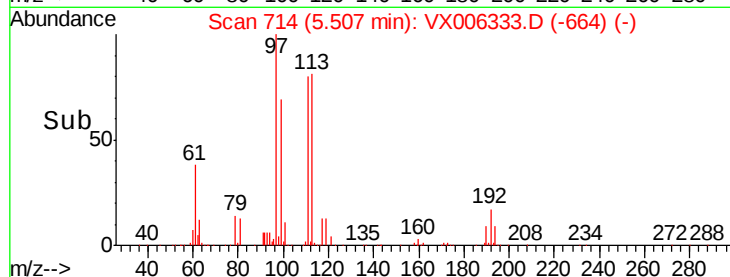
192 22.2 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.522 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

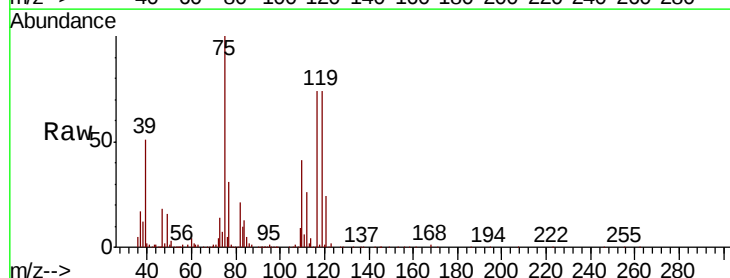
Tgt Ion: 75 Resp: 405926

Ion Ratio Lower Upper

75 100

110 40.6 20.4 61.3

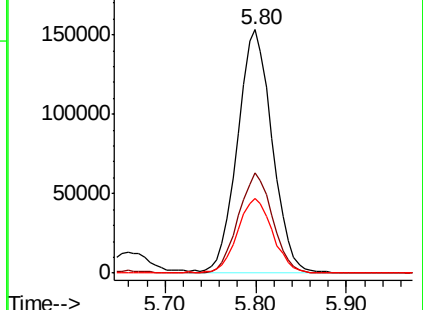
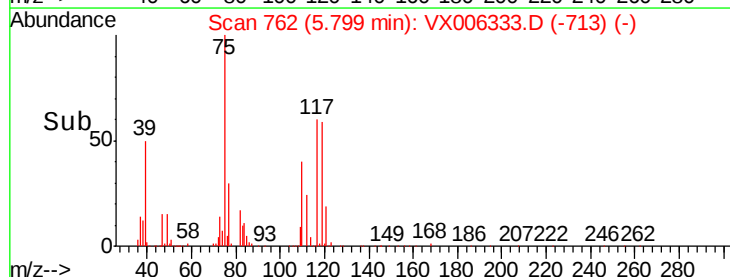
77 30.9 24.9 37.3

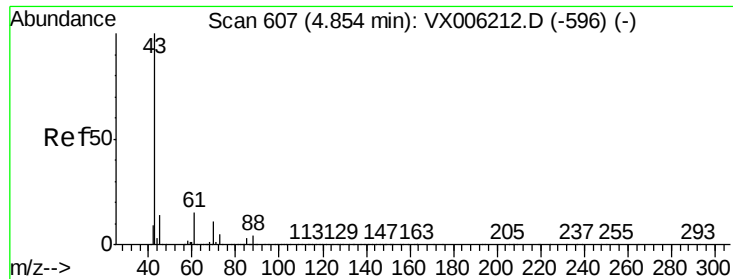


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

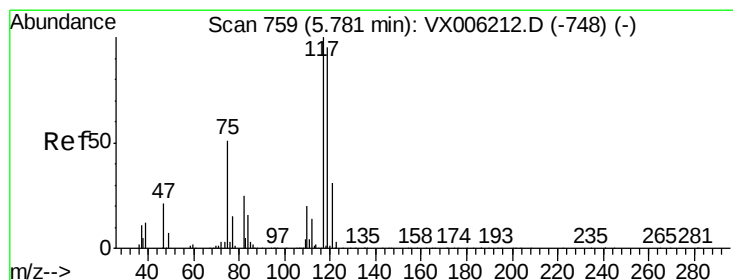
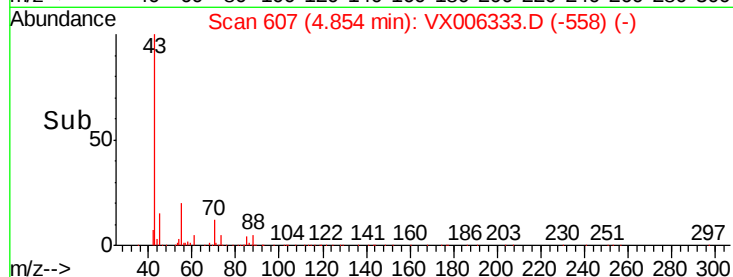
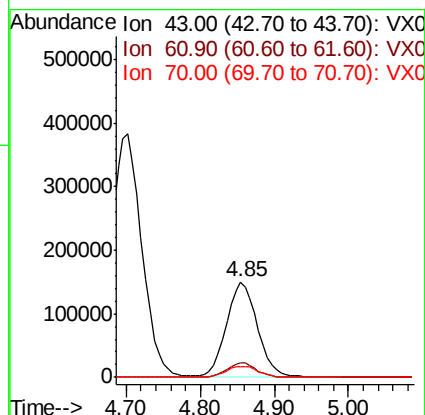
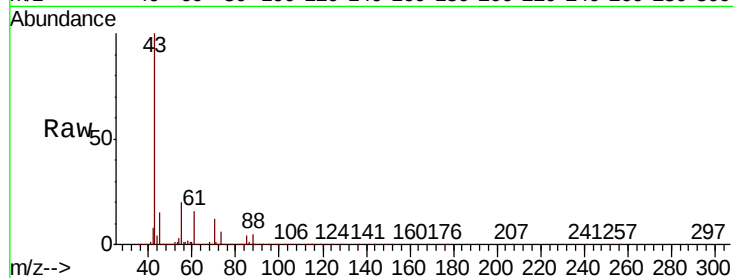




#37
Ethyl Acetate
Concen: 46.329 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

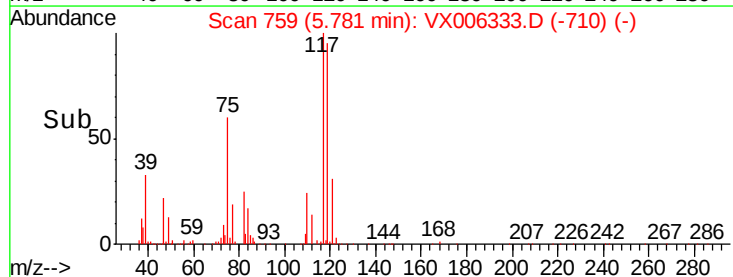
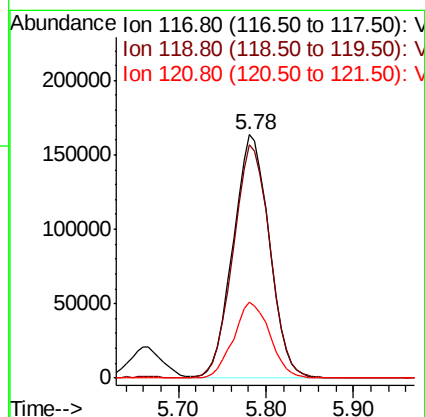
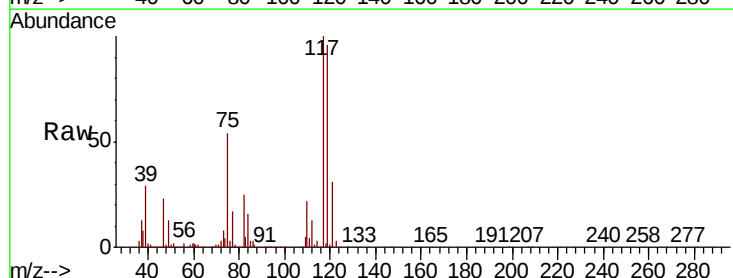
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

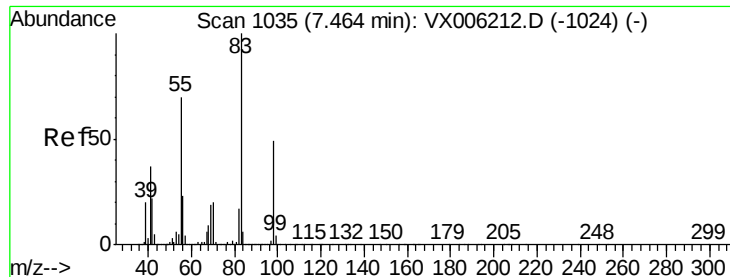
Tot Ion: 43 Resp: 434043
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 12.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 47.969 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 117 Resp: 472100
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
121 31.1 24.6 37.0

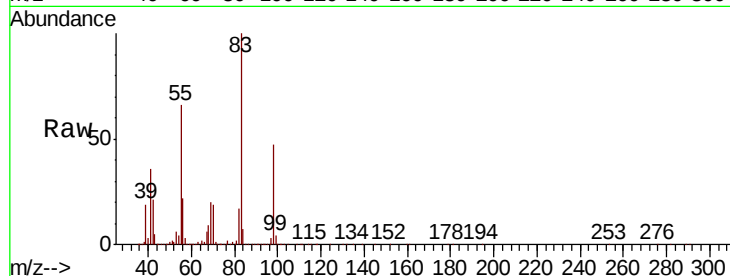




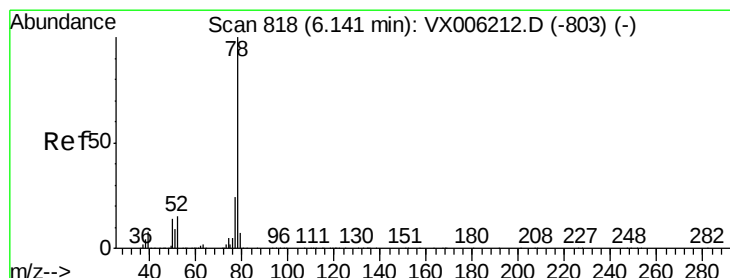
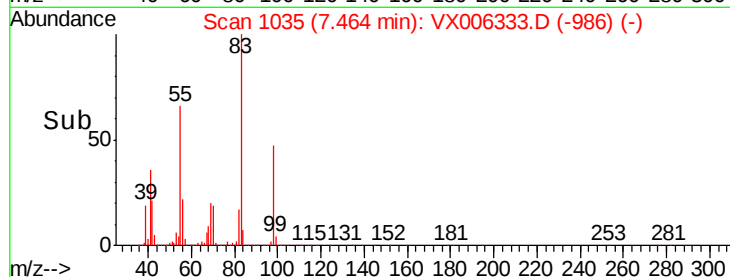
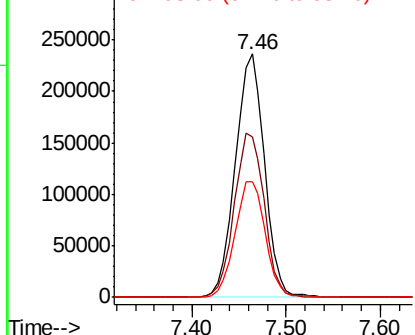
#39
Methvlcvclohexane
Concen: 47.066 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 511098
Ion Ratio Lower Upper
83 100
55 66.0 56.4 84.6
98 47.3 39.0 58.6

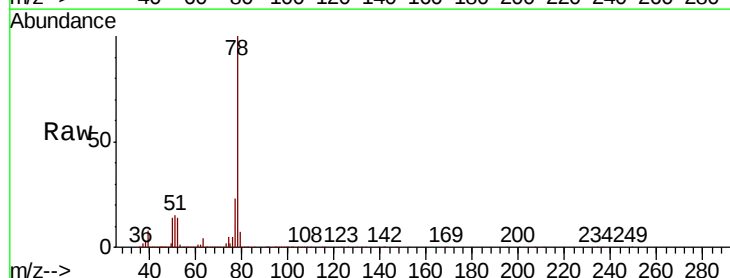


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

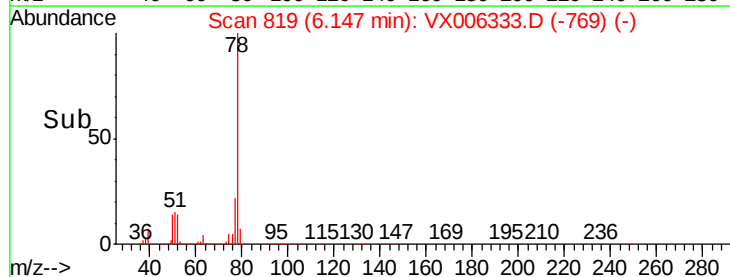
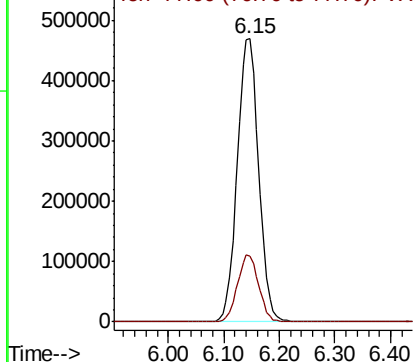


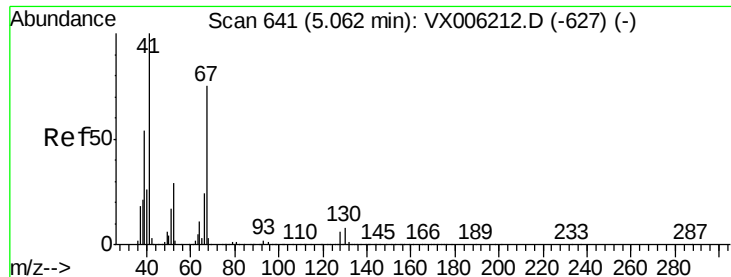
#40
Benzene
Concen: 49.778 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 78 Resp: 1247258
Ion Ratio Lower Upper
78 100
77 23.1 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: 46.307 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 238717

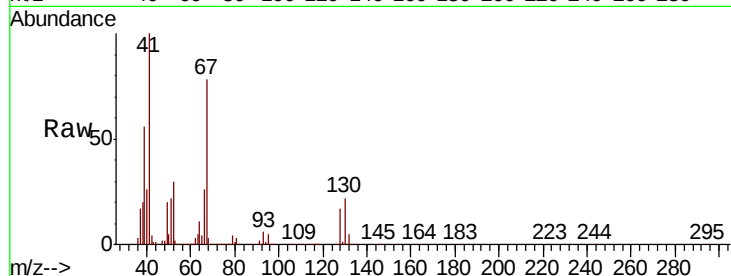
Ion Ratio Lower Upper

41 100

39 55.1 44.0 66.0

67 79.9 61.4 92.0

52 29.1 23.5 35.3

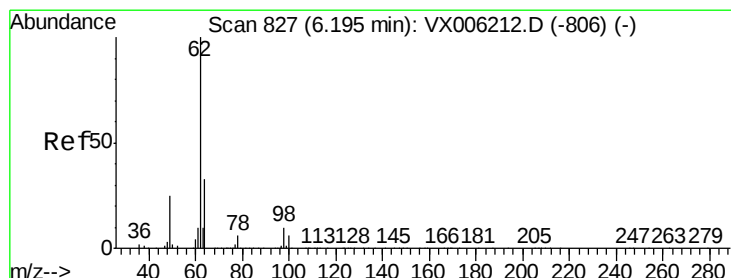
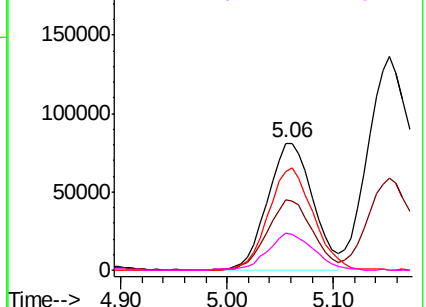
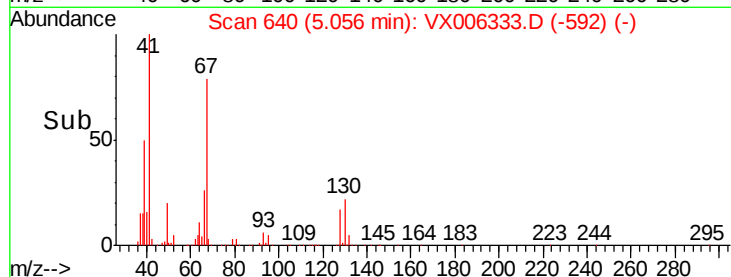


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.520 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006333.D

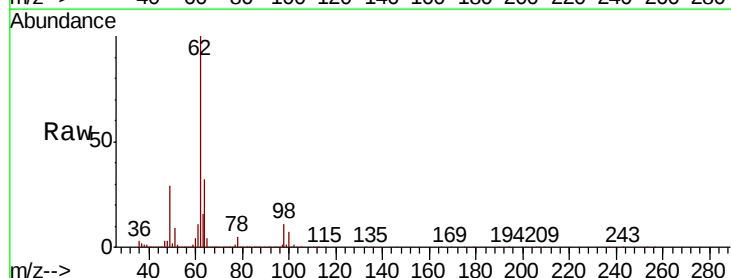
Acq: 06 Dec 2018 21:50

Tgt Ion: 62 Resp: 414286

Ion Ratio Lower Upper

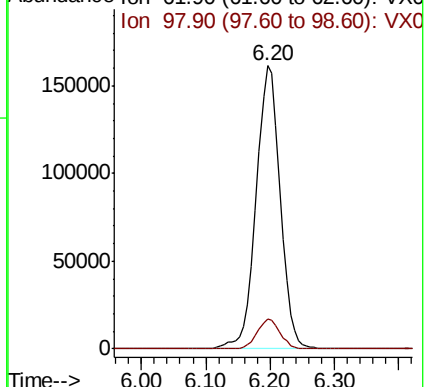
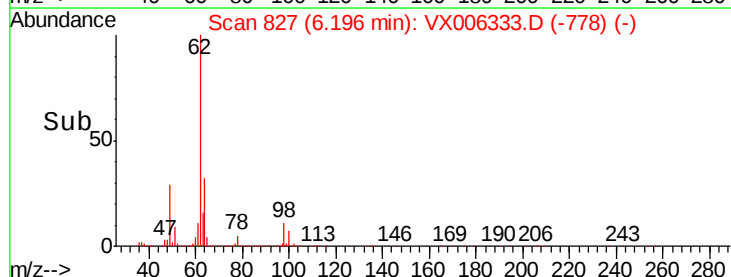
62 100

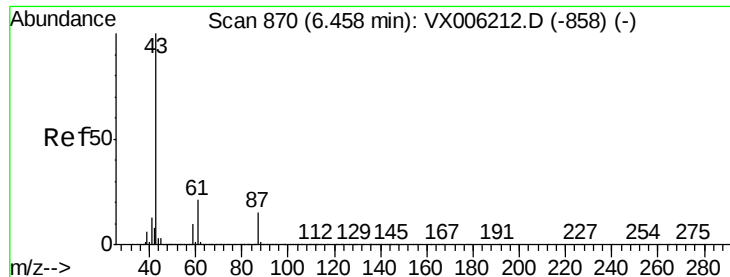
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



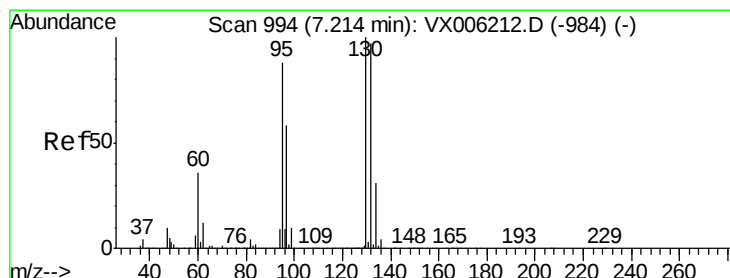
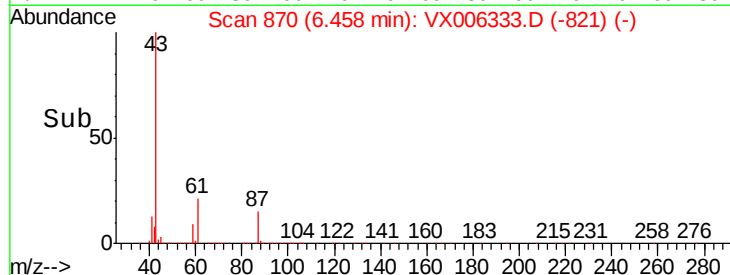
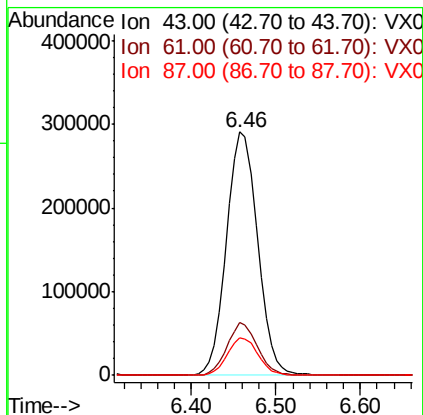
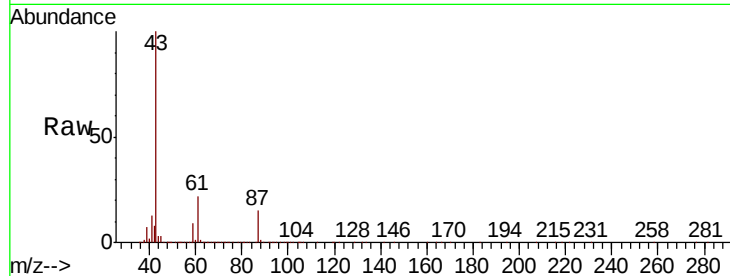


#43

Isopropyl Acetate
 Concen: 46.561 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

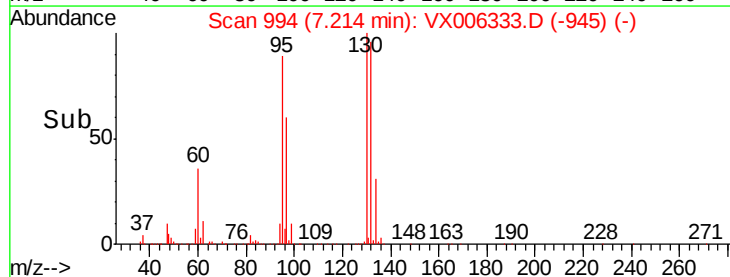
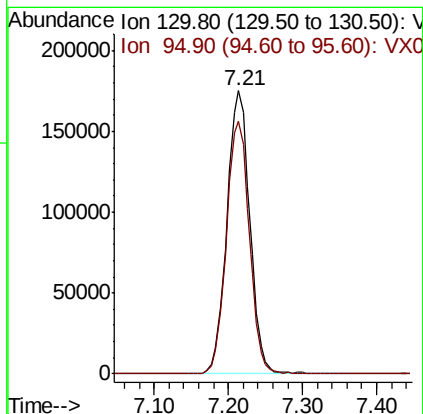
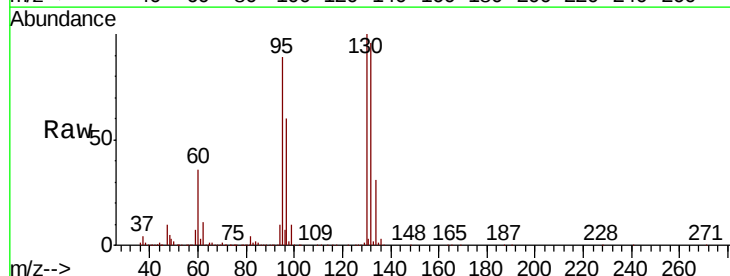
Tot Ion	43	Resp	727300
Ion Ratio	100		
Lower	16.8		
Upper	25.2		
61	21.1		
87	15.4		



#44

Trichloroethene
 Concen: 49.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	130	Resp	377228
Ion Ratio	100		
Lower	0.0		
Upper	175.8		
95	89.3		





#45

1,2-Dichloropropane

Concen: 49.090 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

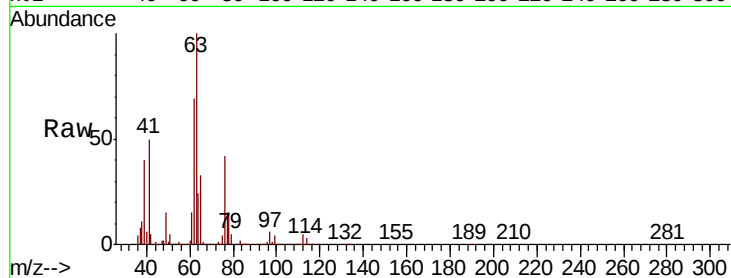
VSTDCCC050EC

Tot Ion: 63 Resp: 312614

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

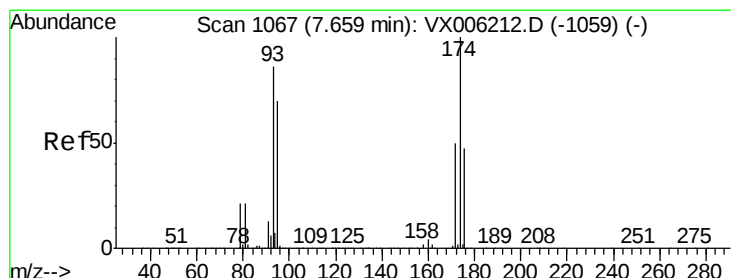
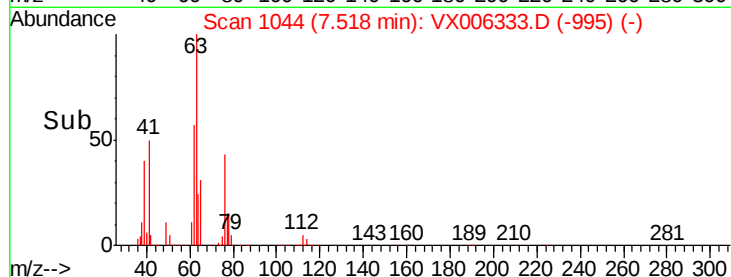
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.555 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

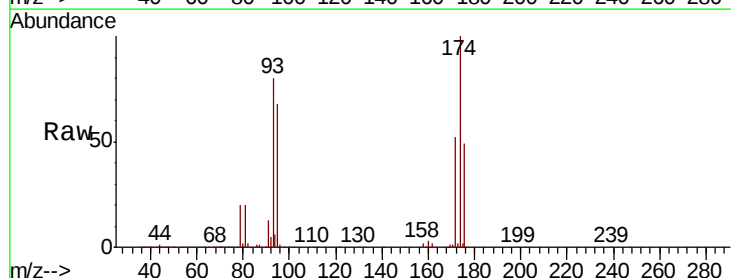
Tgt Ion: 93 Resp: 227914

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 119.9 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

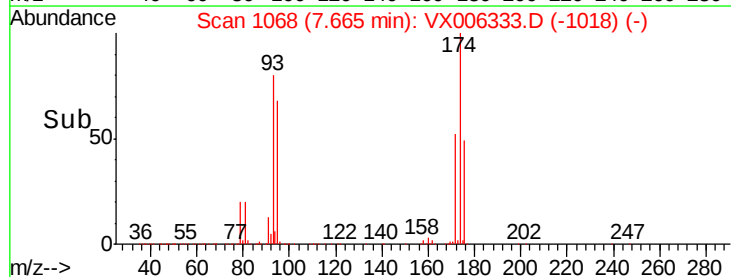
150000

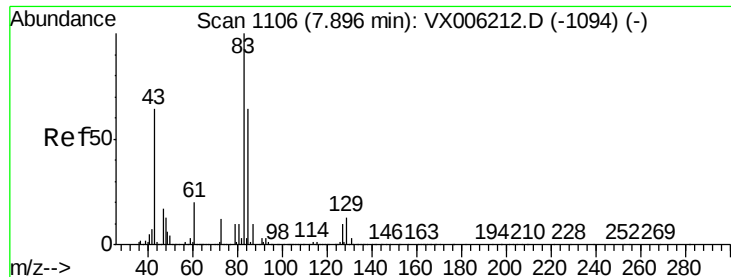
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 48.446 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

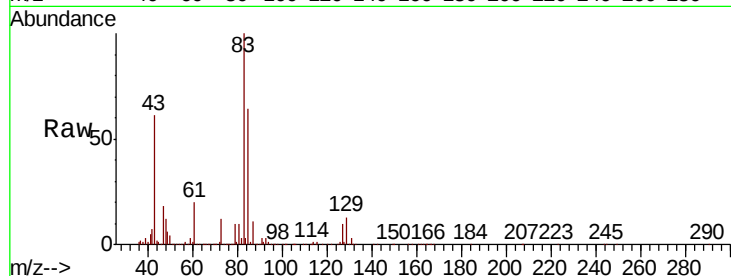
Tot Ion: 83 Resp: 431482

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0

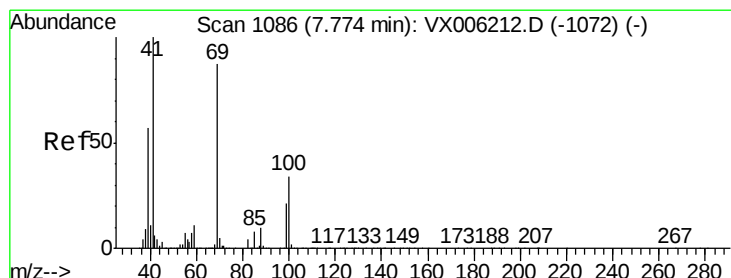
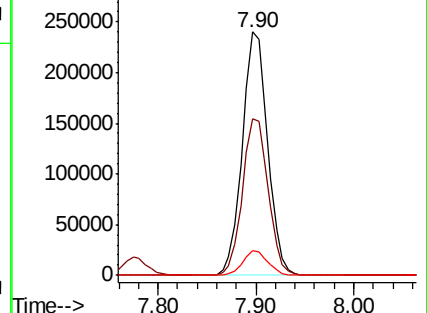
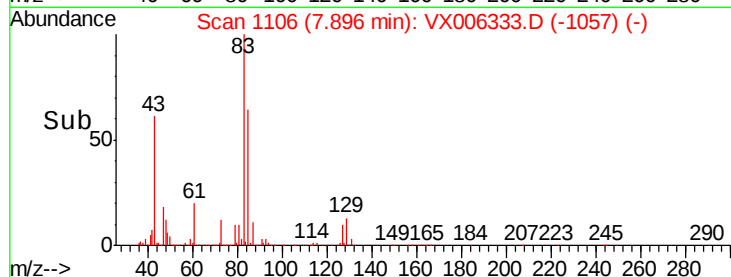
127 10.3 7.9 11.9



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: 46.896 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

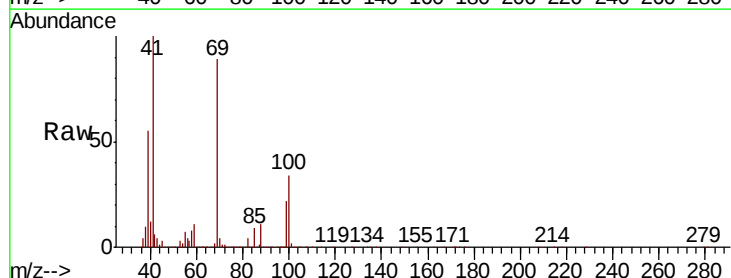
Tgt Ion: 41 Resp: 356367

Ion Ratio Lower Upper

41 100

69 91.7 70.3 105.5

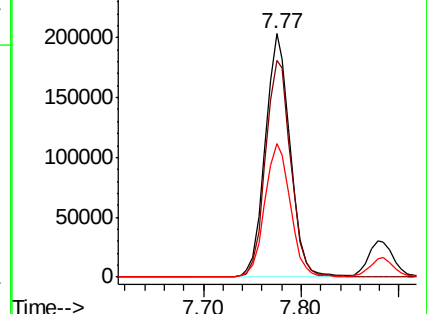
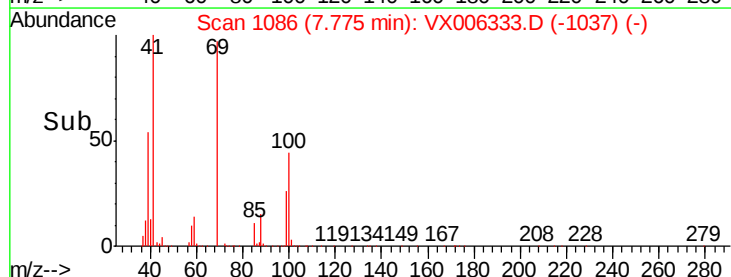
39 56.3 45.3 67.9

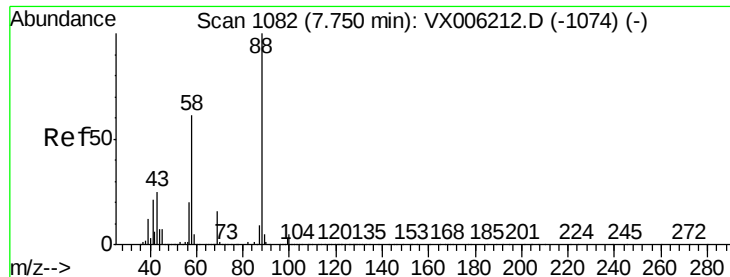


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 909.132 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

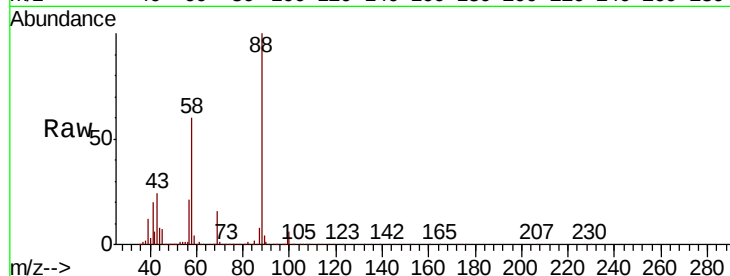
Tot Ion: 88 Resp: 170271

Ion Ratio Lower Upper

88 100

43 26.5 23.2 34.8

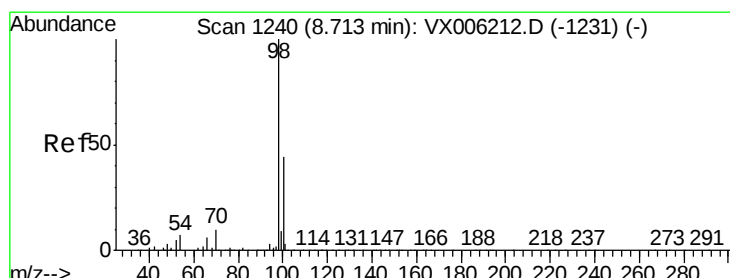
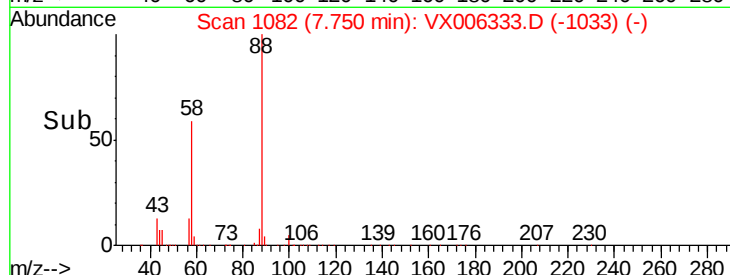
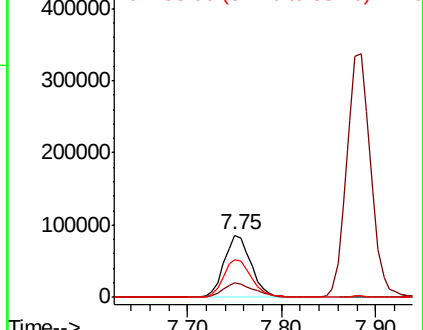
58 63.3 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.454 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006333.D

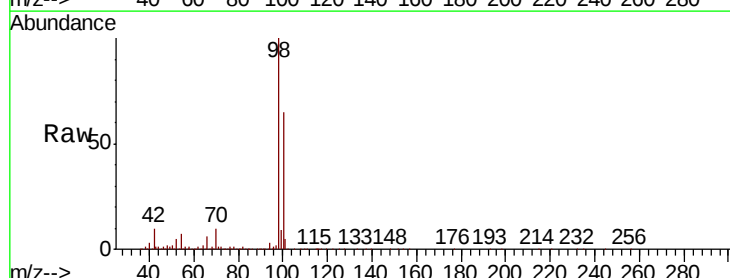
Acq: 06 Dec 2018 21:50

Tgt Ion: 98 Resp: 1180444

Ion Ratio Lower Upper

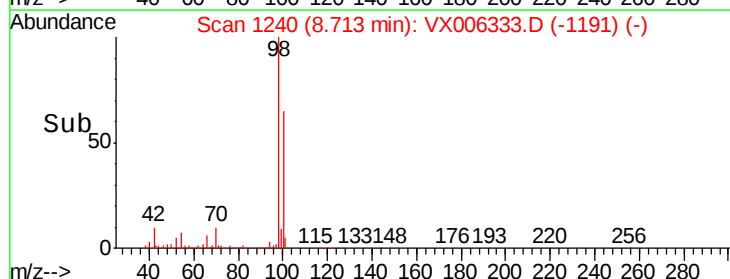
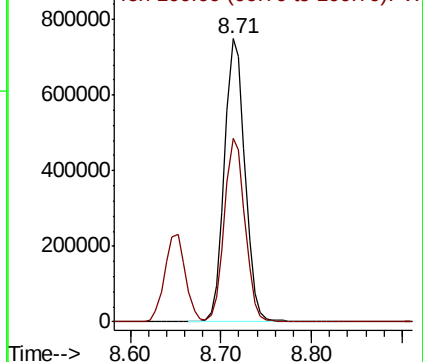
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 233.482 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

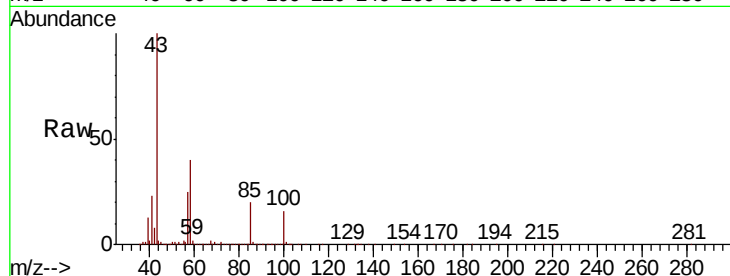
VSTDCCC050EC

Tot Ion: 43 Resp: 2123097

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

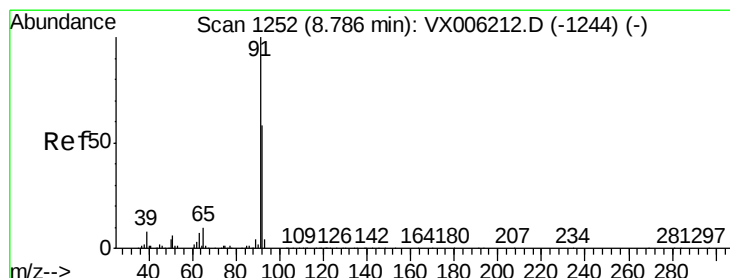
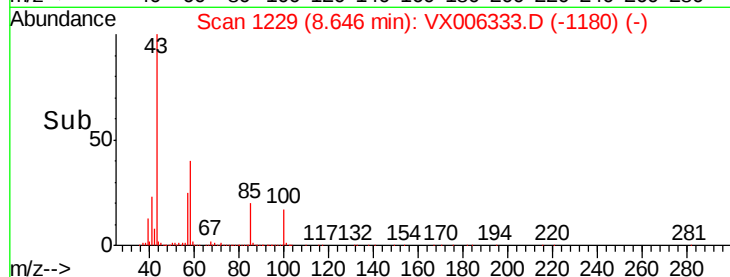
1000000

500000

0

8.50 8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 49.524 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006333.D

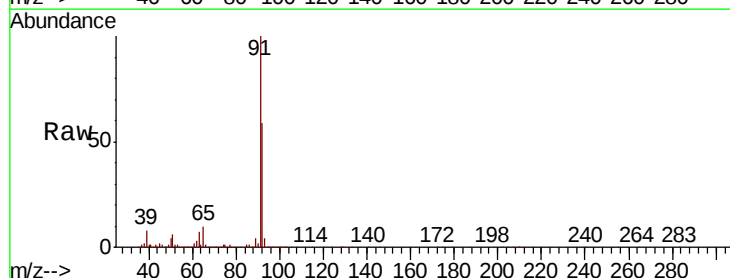
Acq: 06 Dec 2018 21:50

Tgt Ion: 92 Resp: 816381

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

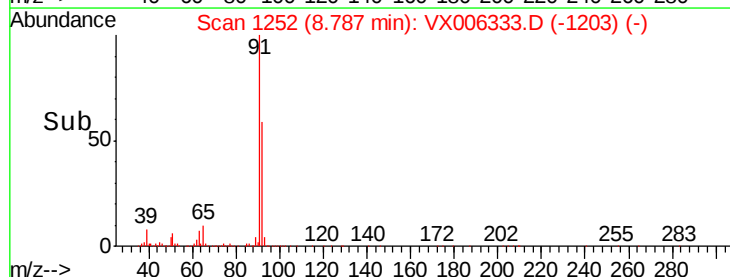
400000

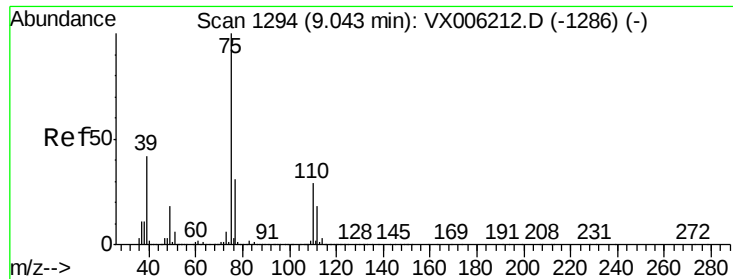
200000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.423 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

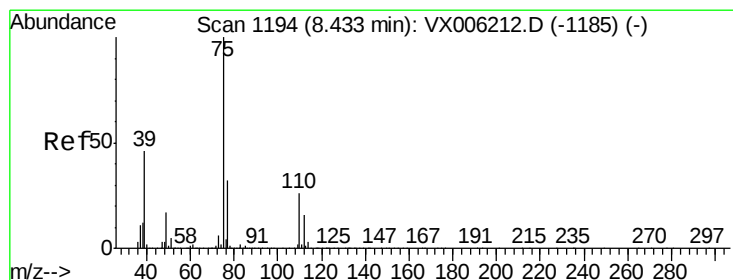
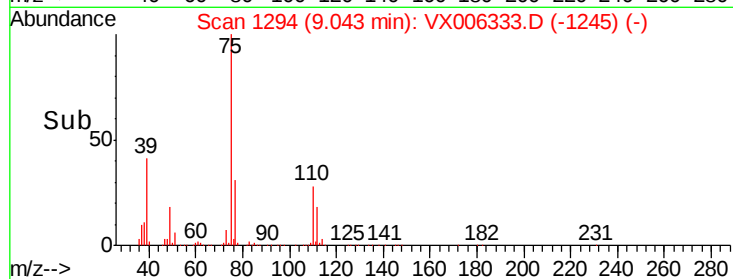
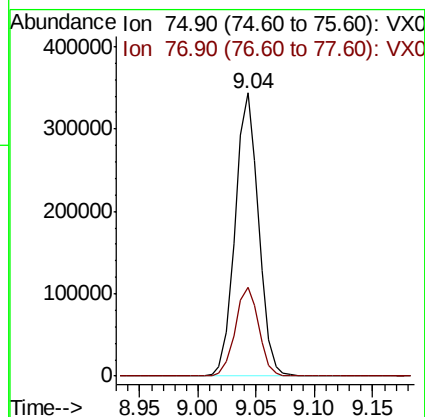
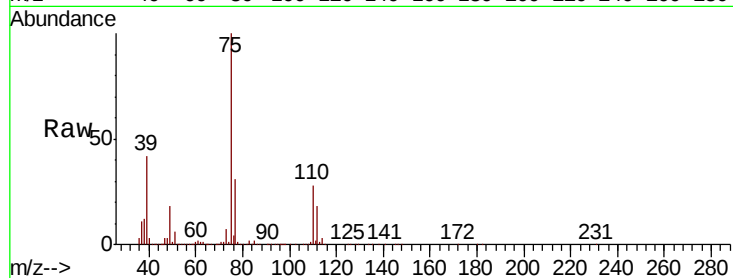
VSTDCCC050EC

Tot Ion: 75 Resp: 483549

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 47.213 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

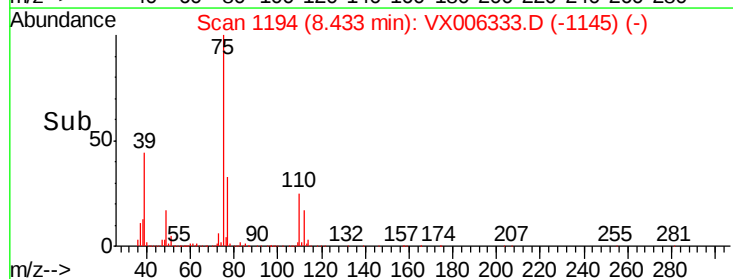
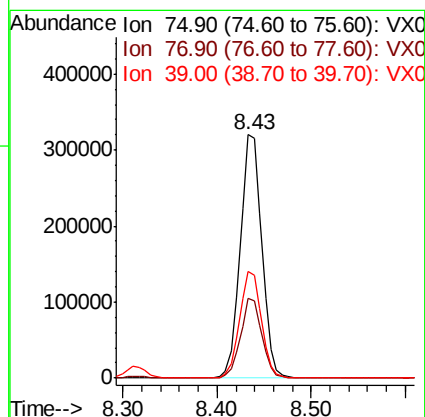
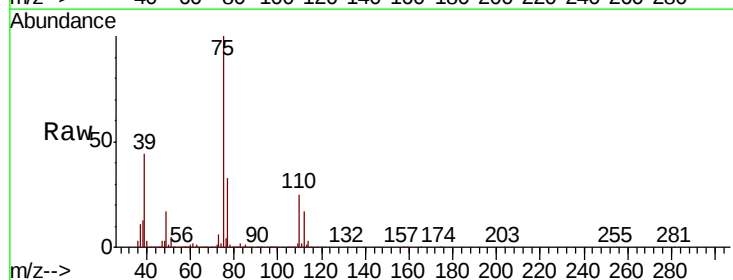
Tgt Ion: 75 Resp: 510652

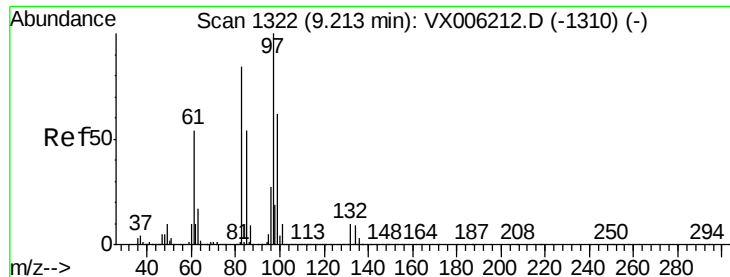
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 43.8 36.5 54.7

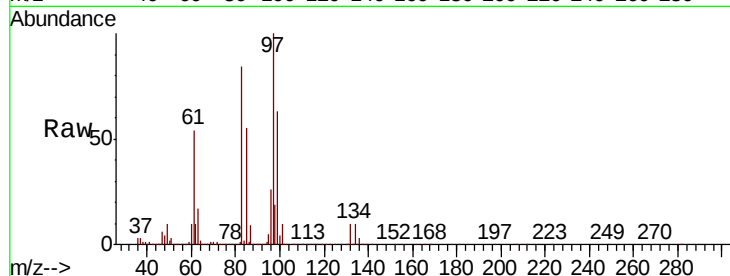




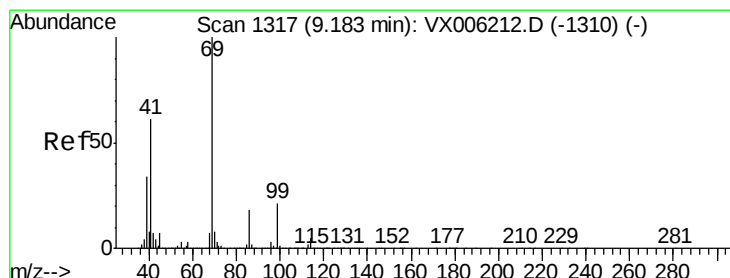
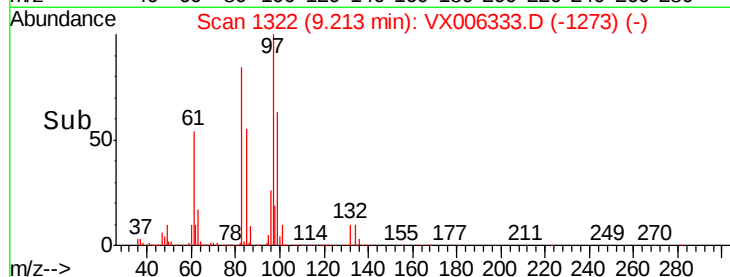
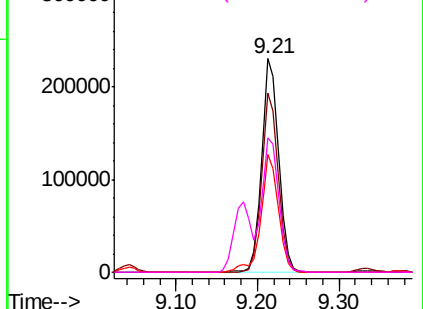
#55
 1,1,2-Trichloroethane
 Concen: 50.892 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	340819
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	55.2	43.2	64.8
99	63.0	49.8	74.6

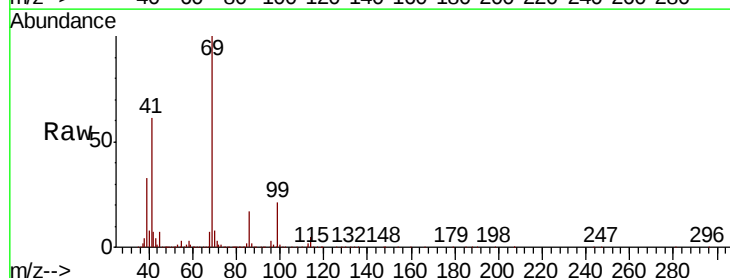


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

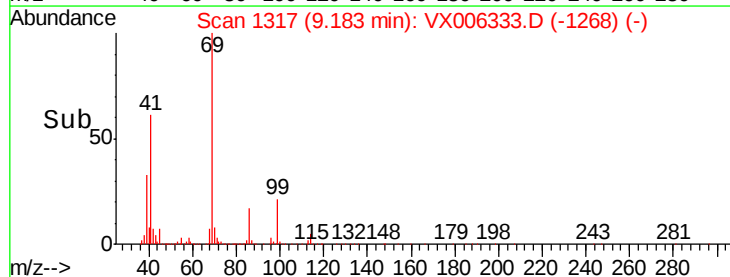
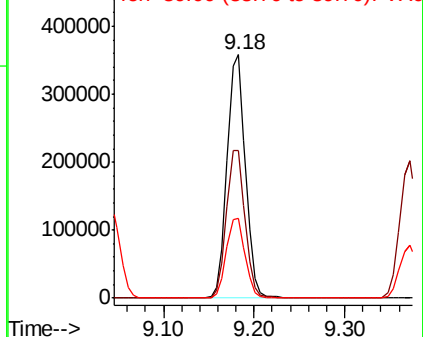


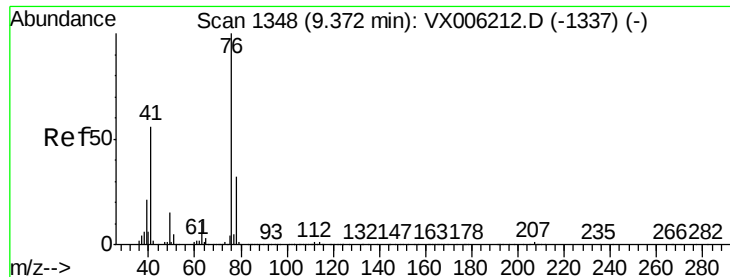
#56
 Ethyl methacrylate
 Concen: 48.136 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion:	69	Resp:	503954
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.6	76.0
39	33.3	27.6	41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.755 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

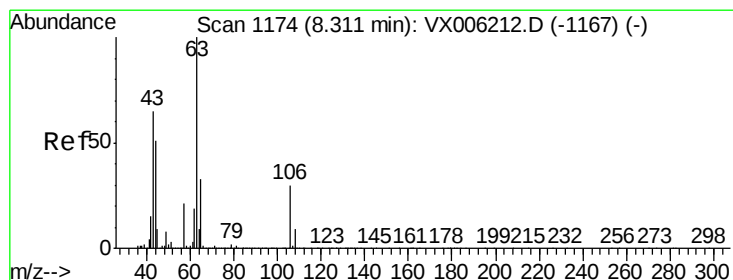
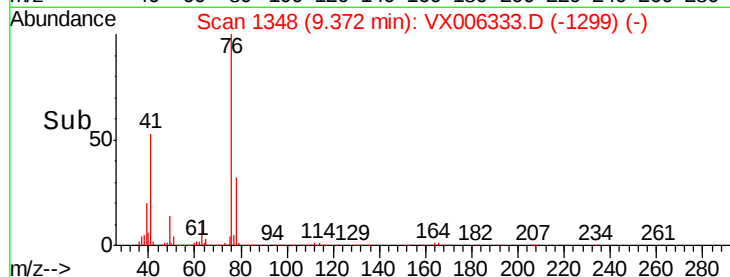
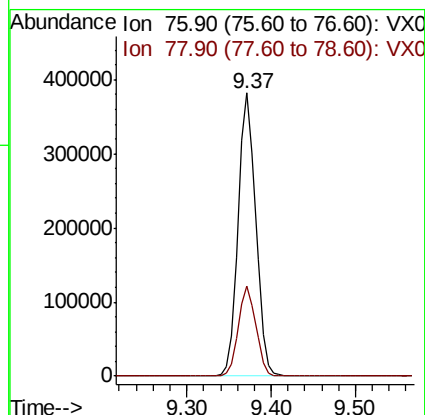
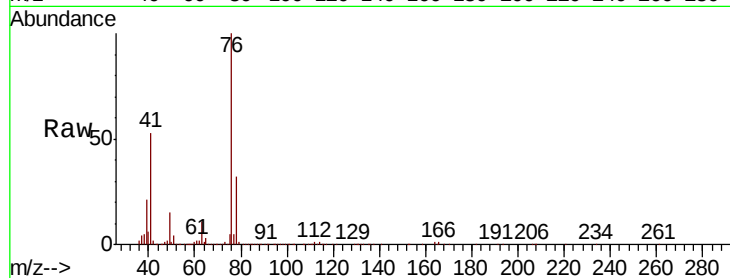
VSTDCCC050EC

Tot Ion: 76 Resp: 537485

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 240.275 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006333.D

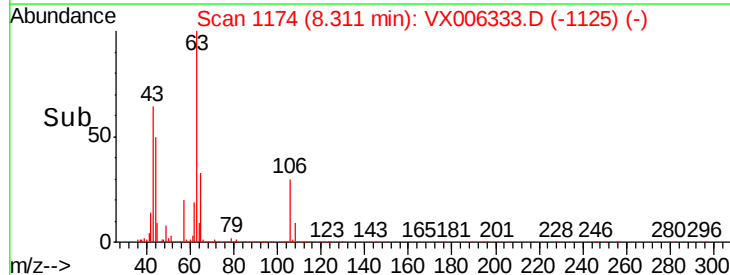
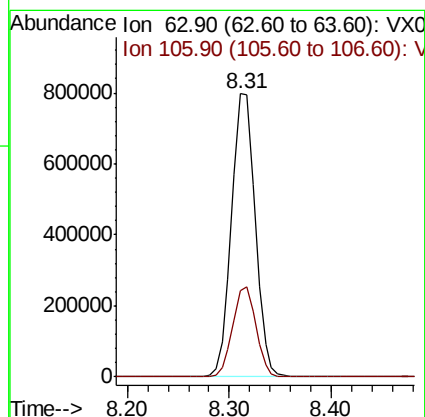
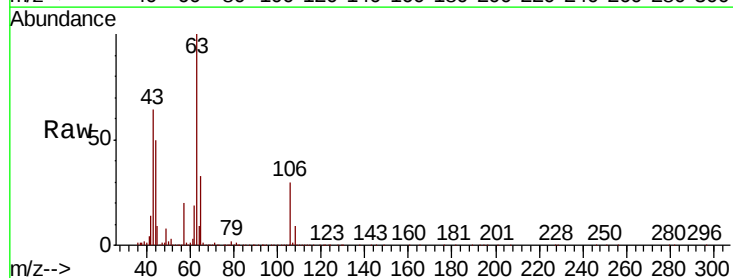
Acq: 06 Dec 2018 21:50

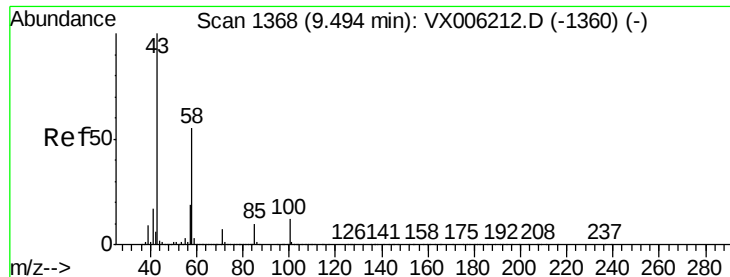
Tgt Ion: 63 Resp: 1276516

Ion Ratio Lower Upper

63 100

106 31.4 24.9 37.3

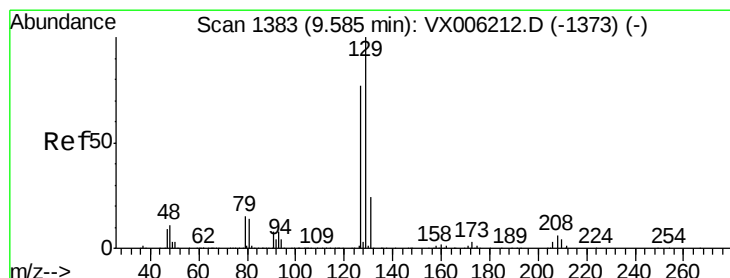
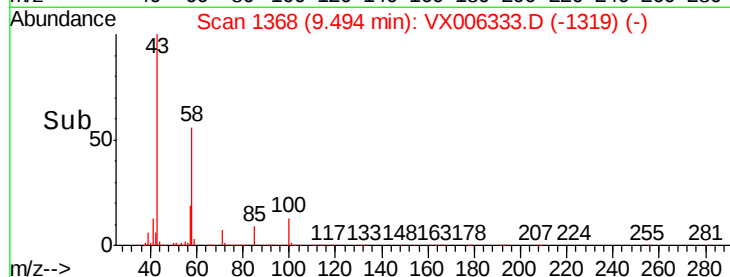
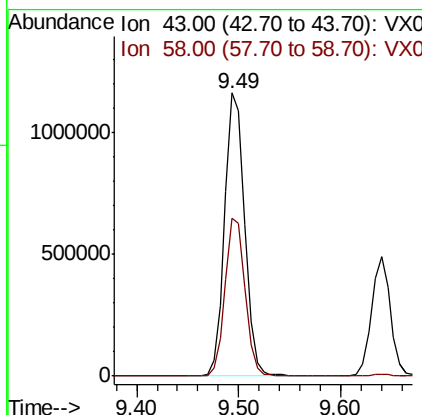
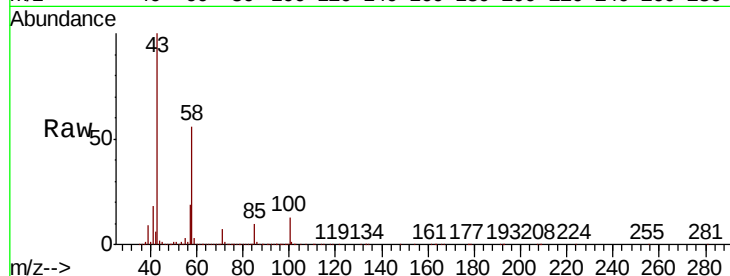




#59
2-Hexanone
Concen: 227.485 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

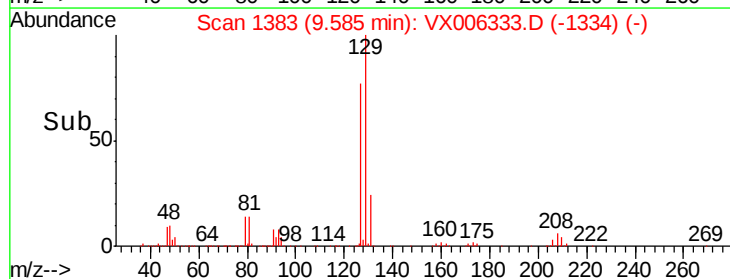
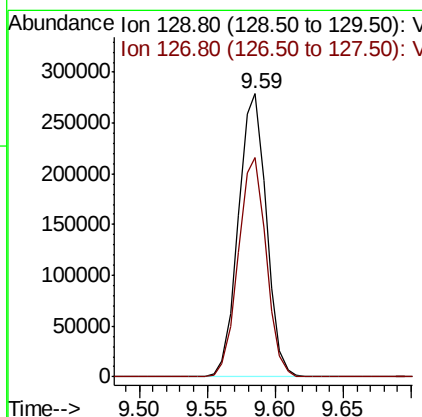
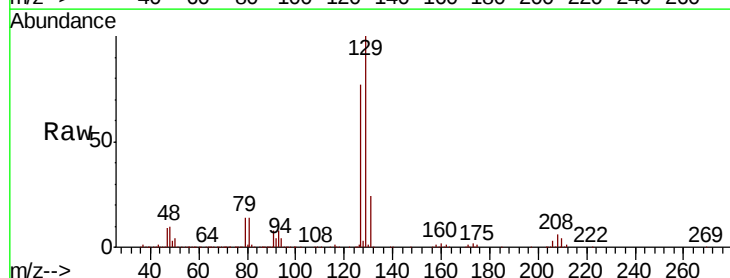
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

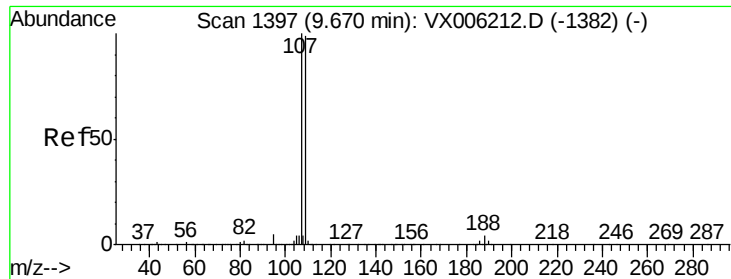
Tot Ion: 43 Resp: 1580393
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 48.471 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 129 Resp: 400274
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

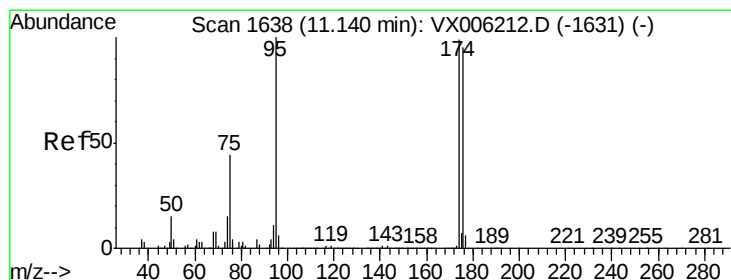
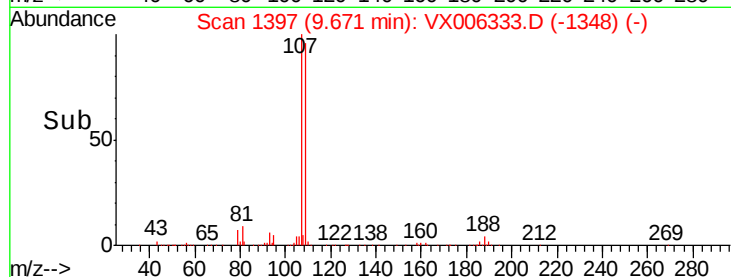
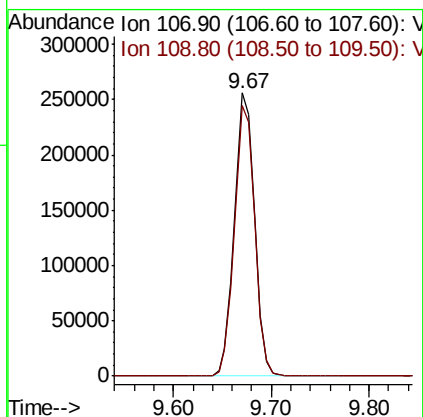
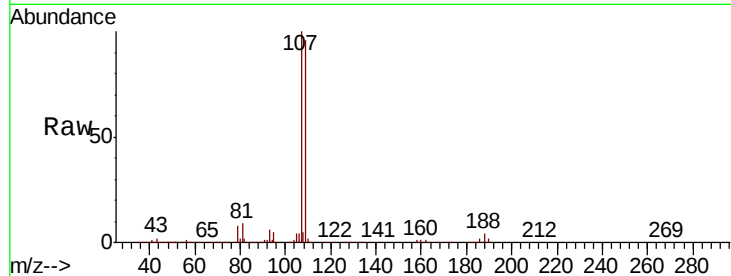




#61
 1,2-Dibromoethane
 Concen: 48.964 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

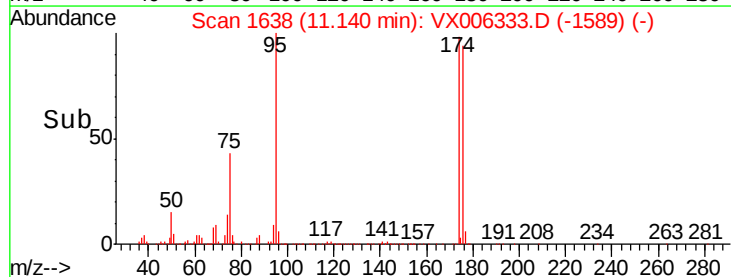
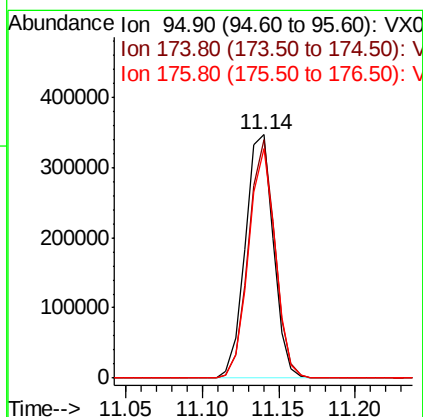
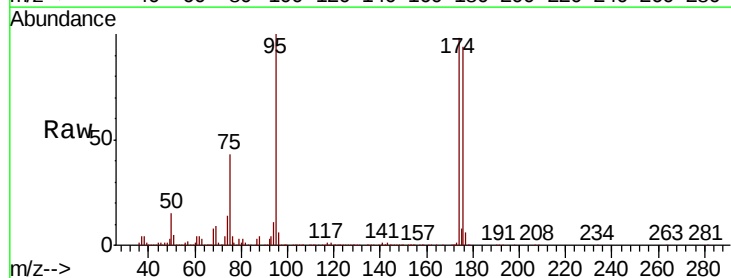
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

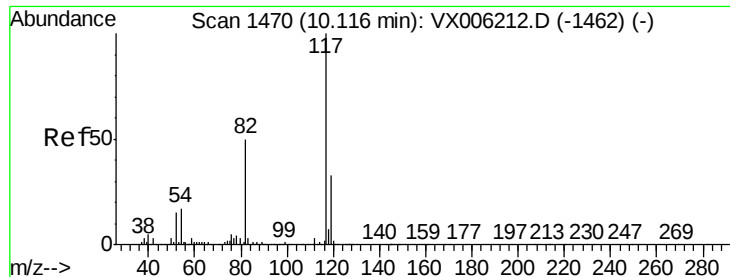
Tot Ion: 107 Resp: 366653
 Ion Ratio Lower Upper
 107 100
 109 96.8 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.266 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion: 95 Resp: 443171
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 187.0
 176 89.8 0.0 181.8

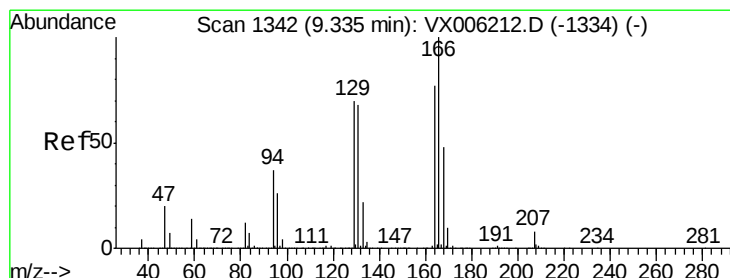
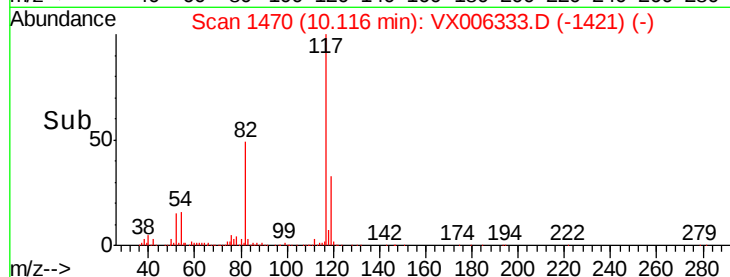
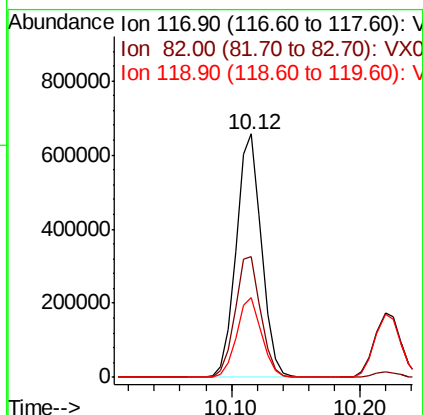
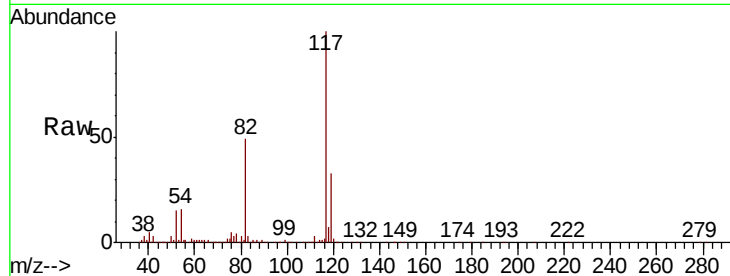




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

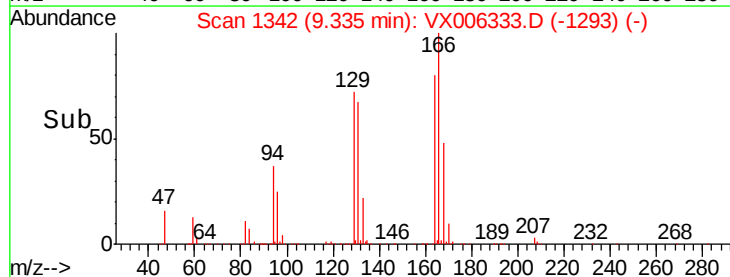
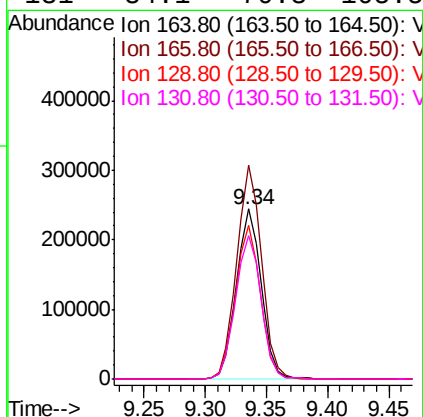
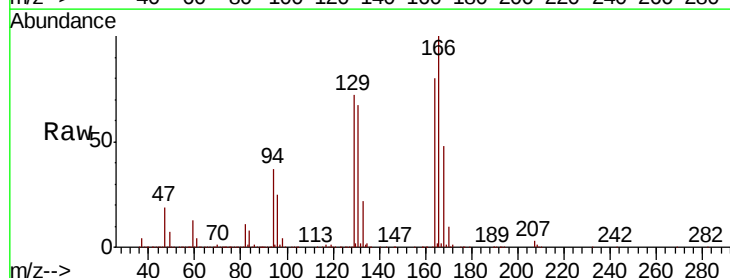
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 894224
Ion Ratio Lower Upper
117 100
82 49.3 39.6 59.4
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 50.772 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion:164 Resp: 341913
Ion Ratio Lower Upper
164 100
166 125.8 104.2 156.2
129 90.7 72.6 108.8
131 84.1 70.3 105.5

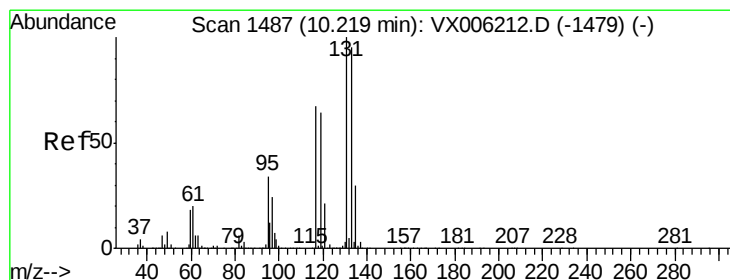
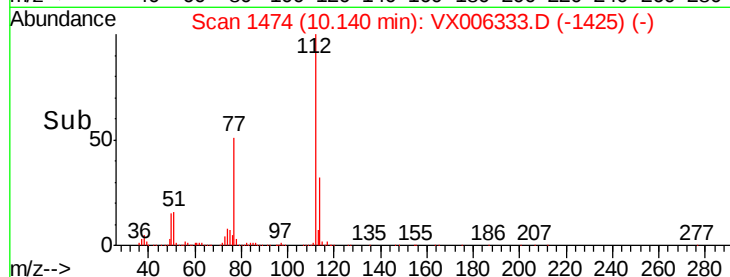
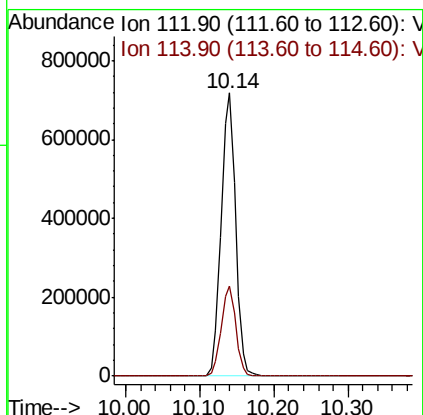
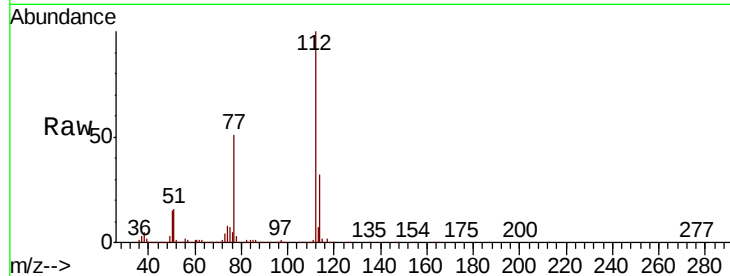




#65
Chlorobenzene
Concen: 50.834 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

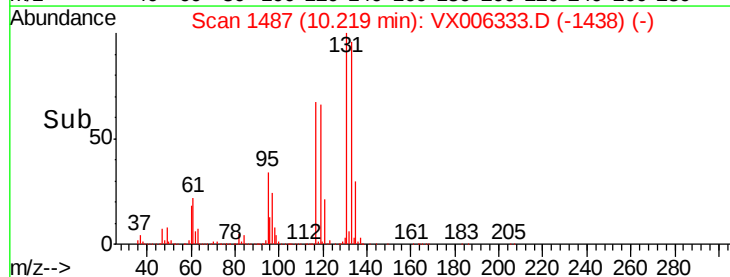
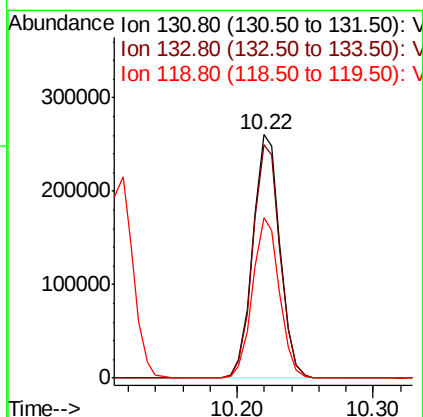
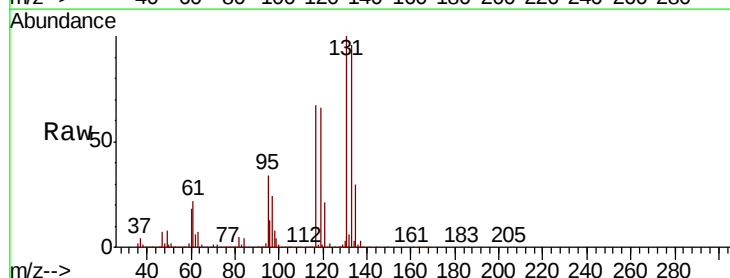
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

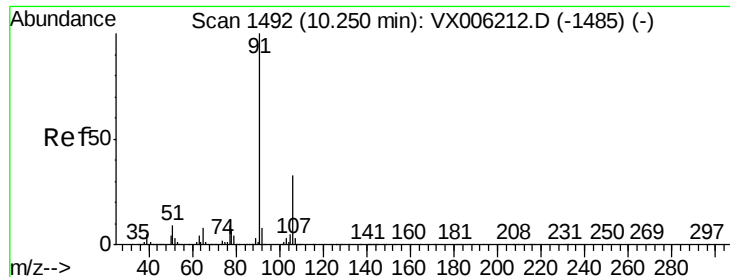
Tot Ion:112 Resp: 964956
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.496 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion:131 Resp: 365048
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.4
119 65.6 32.1 96.3

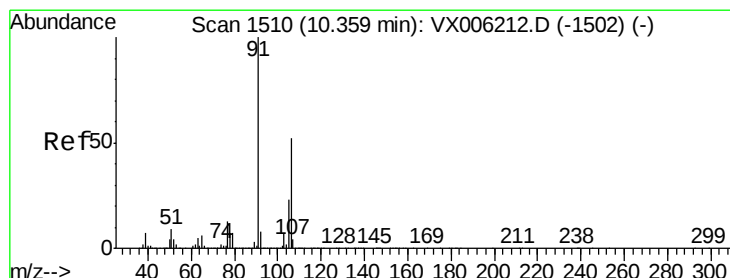
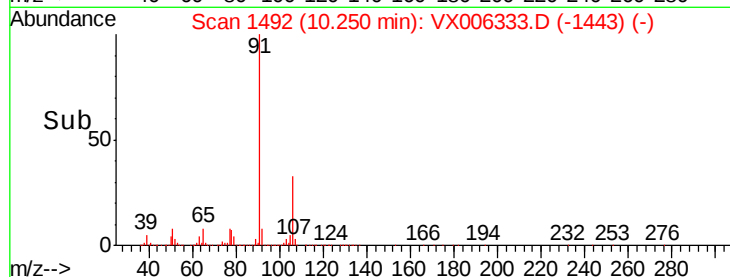
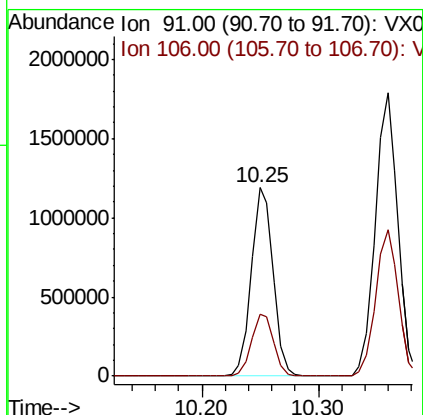
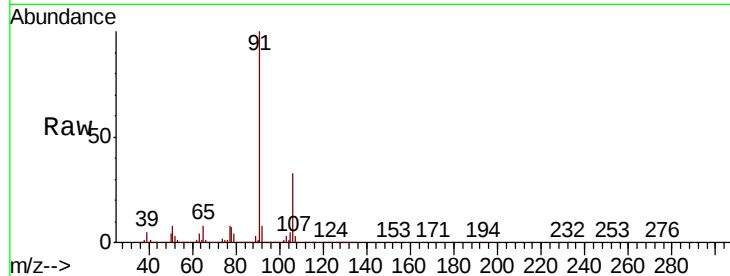




#67
Ethyl Benzene
Concen: 49.235 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

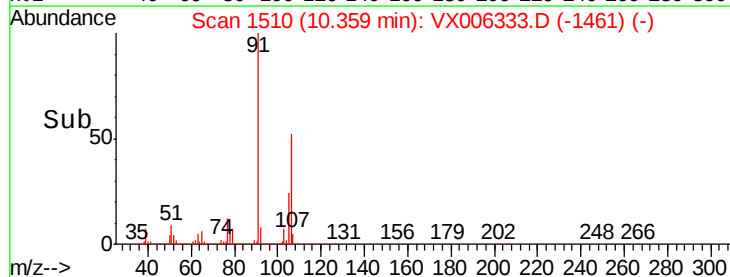
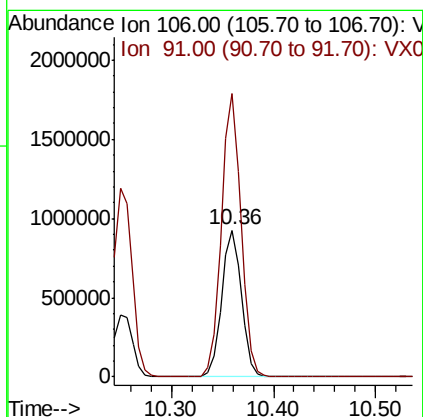
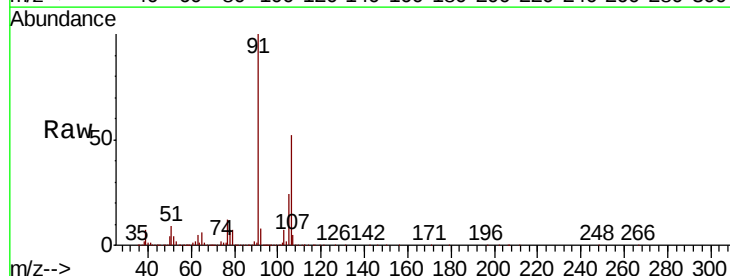
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

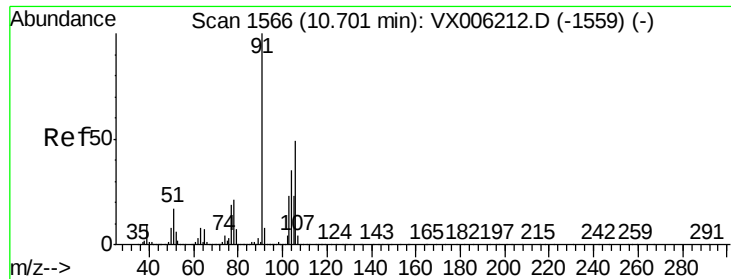
Tot Ion: 91 Resp: 1554427
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7



#68
m/p-Xylenes
Concen: 98.643 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 106 Resp: 1247507
Ion Ratio Lower Upper
106 100
91 191.8 155.2 232.8

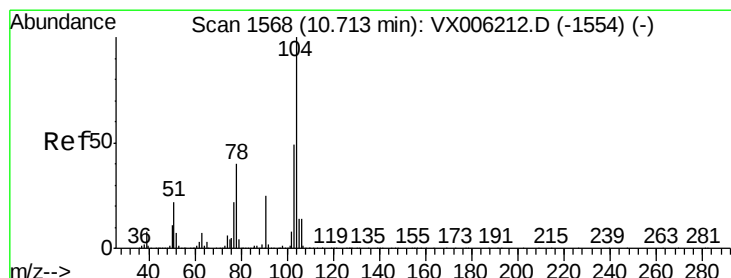
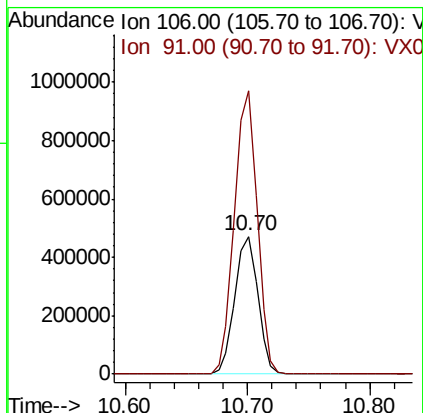
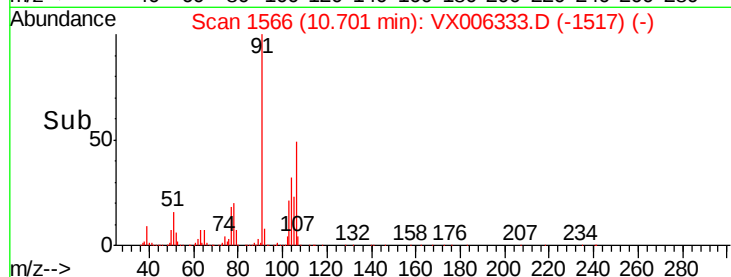
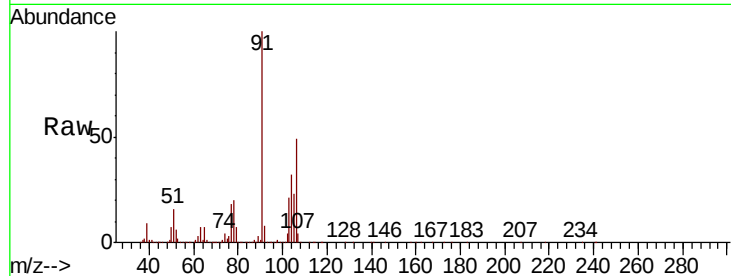




#69
o-Xylene
Concen: 49.251 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

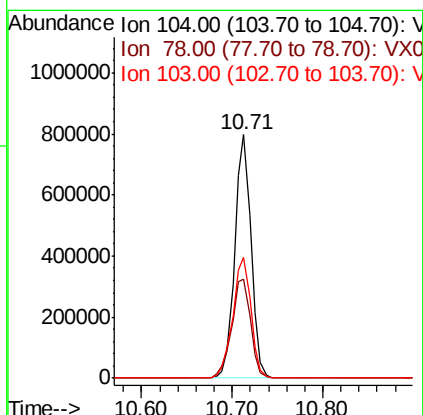
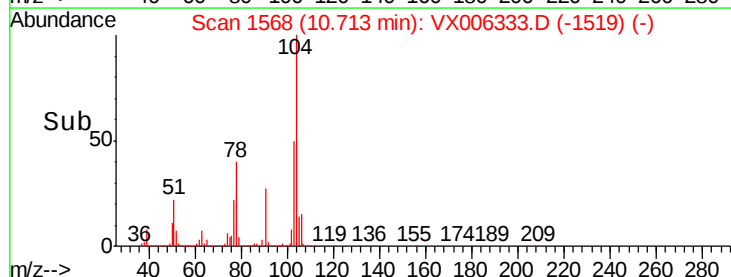
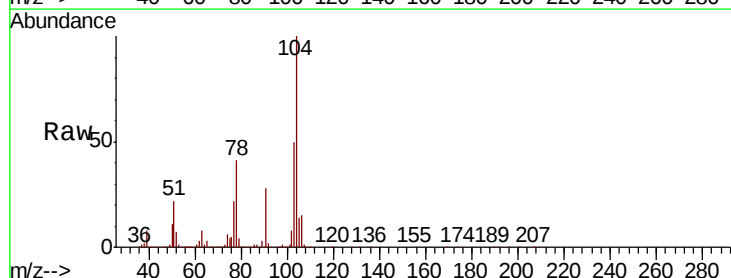
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

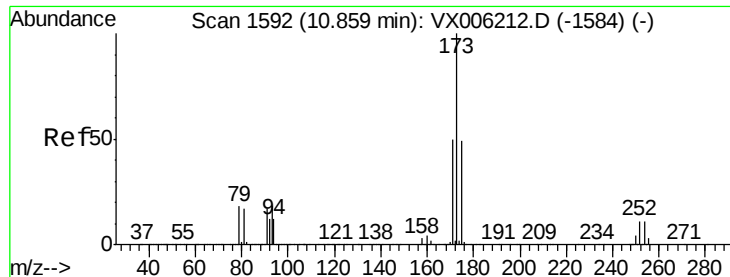
Tot Ion:106 Resp: 615231
Ion Ratio Lower Upper
106 100
91 203.5 101.8 305.6



#70
Styrene
Concen: 49.137 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion:104 Resp: 992766
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 55.5 43.5 65.3





#71

Bromoform

Concen: 45.332 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

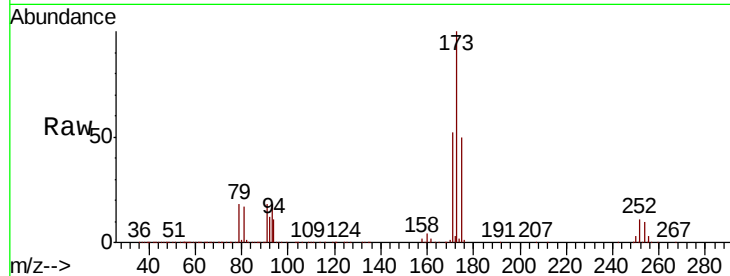
Tot Ion:173 Resp: 315609

Ion Ratio Lower Upper

173 100

175 49.7 24.6 73.8

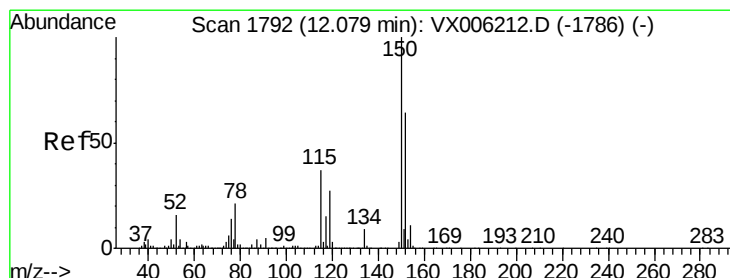
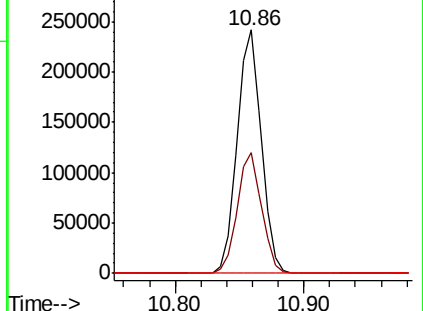
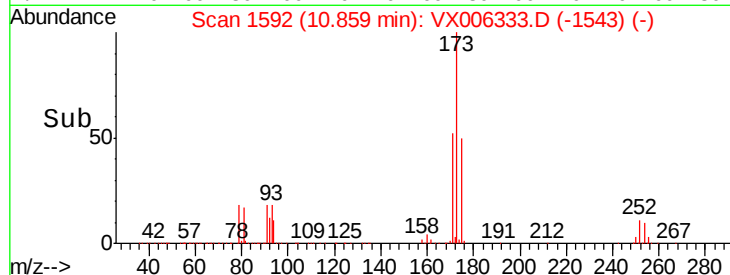
254 0.2 0.2 0.2



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: VX006333.D

Acq: 06 Dec 2018 21:50

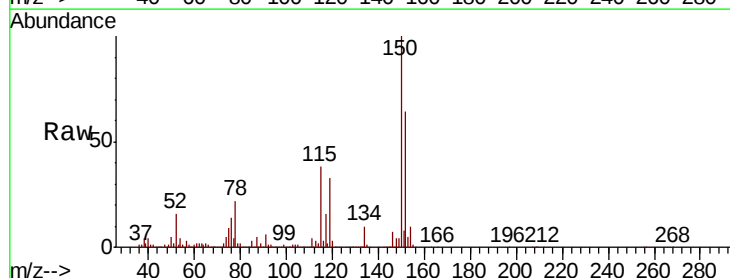
Tgt Ion:152 Resp: 455020

Ion Ratio Lower Upper

152 100

115 78.4 39.0 116.9

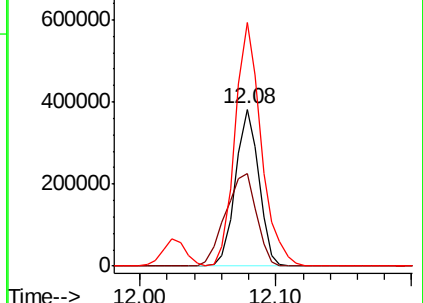
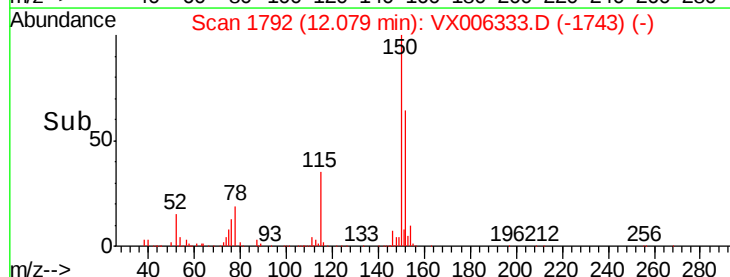
150 174.2 0.0 345.8

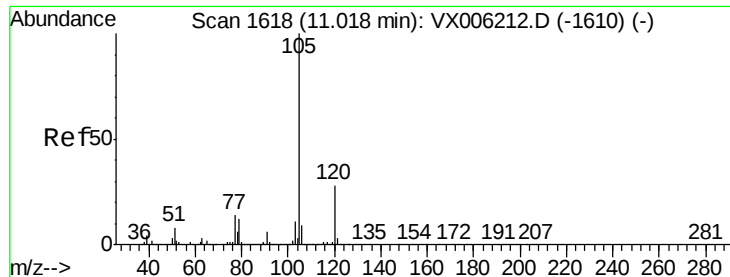


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.135 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

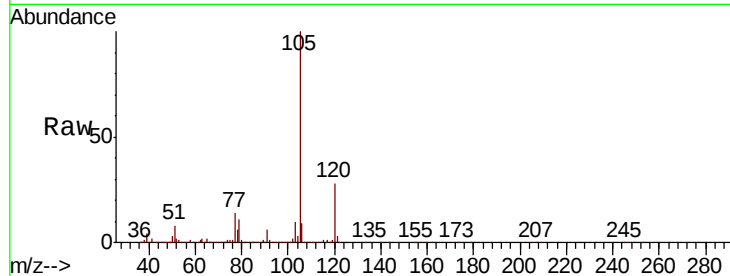
VSTDCCC050EC

Tot Ion:105 Resp: 1638243

Ion Ratio Lower Upper

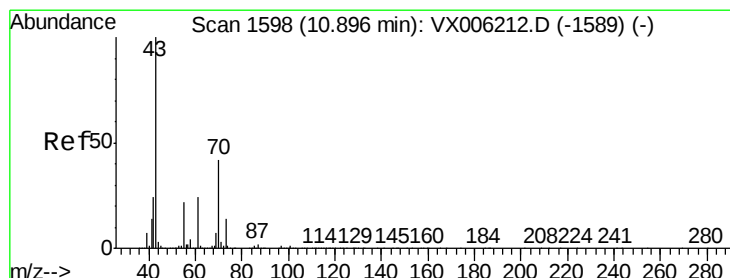
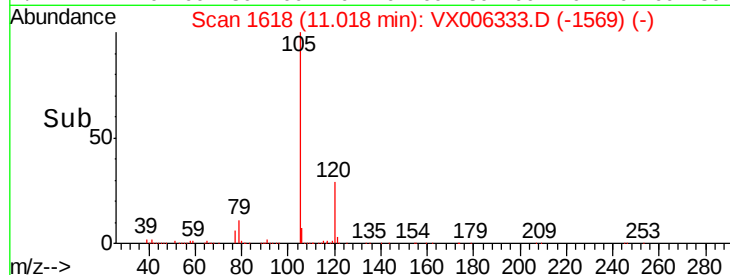
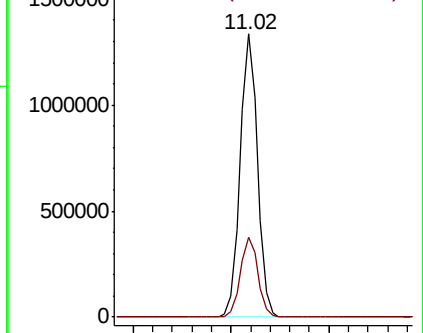
105 100

120 28.4 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.289 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion: 43 Resp: 626360

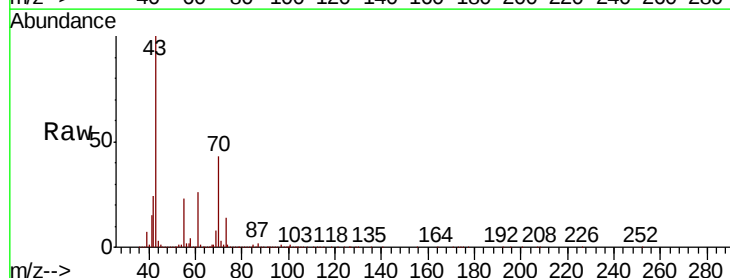
Ion Ratio Lower Upper

43 100

70 44.3 34.1 51.1

55 23.5 17.8 26.8

61 25.8 19.7 29.5

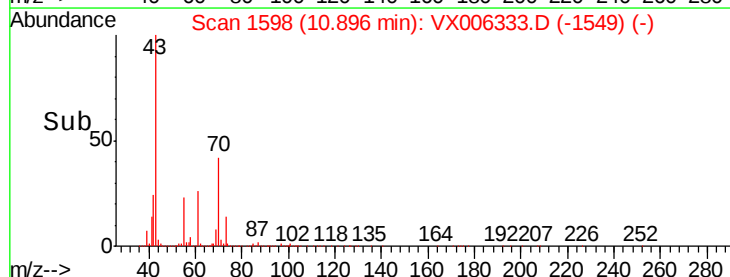
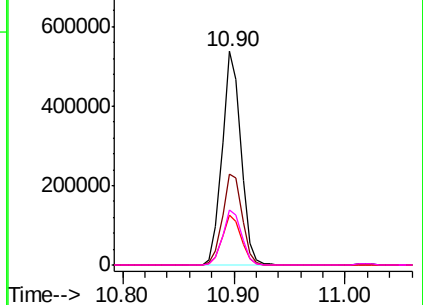


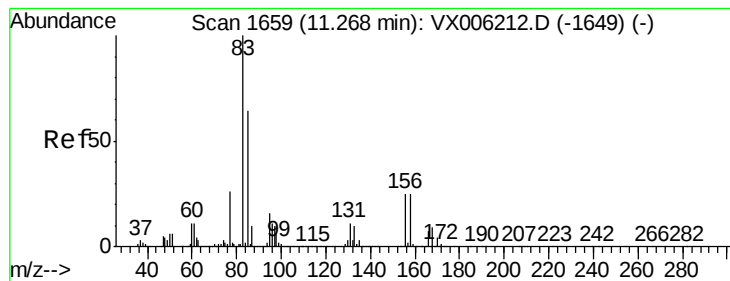
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

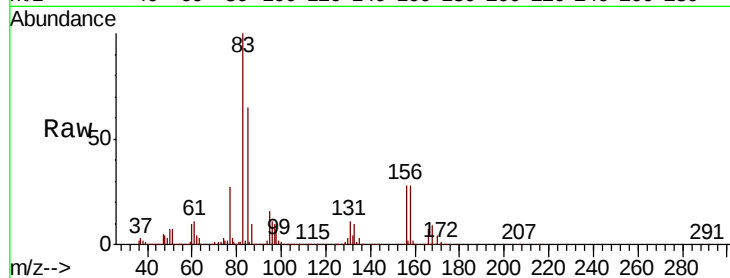
Tot Ion: 83 Resp: 497135

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

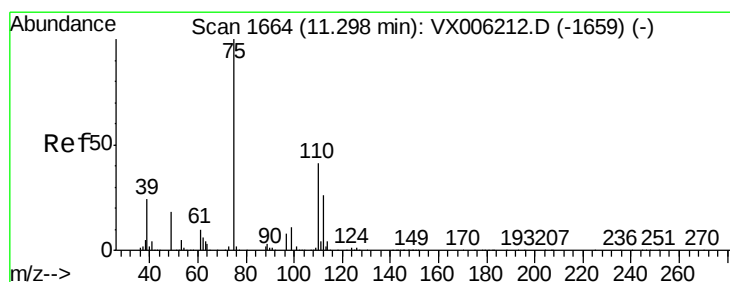
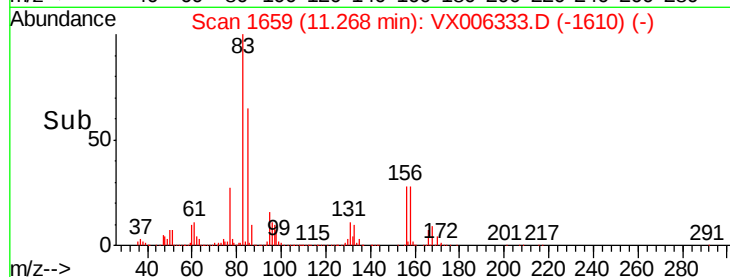
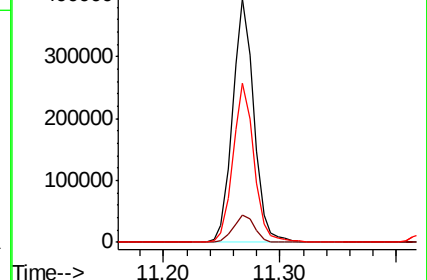
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.666 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006333.D

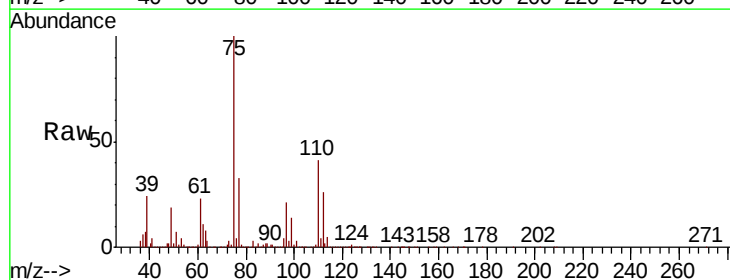
Acq: 06 Dec 2018 21:50

Tgt Ion: 75 Resp: 585503

Ion Ratio Lower Upper

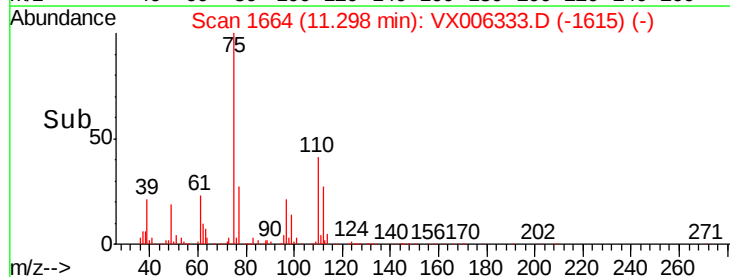
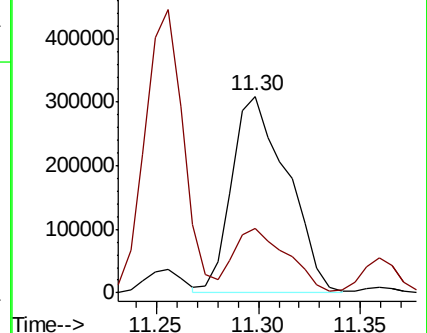
75 100

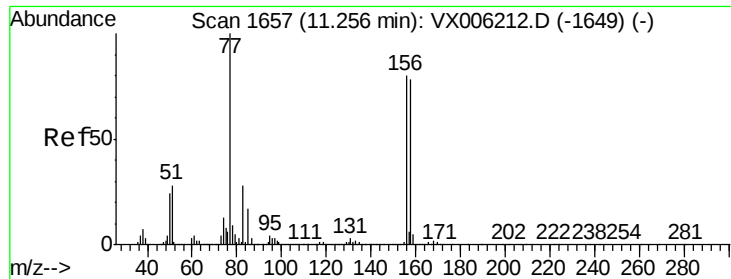
77 31.5 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.101 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

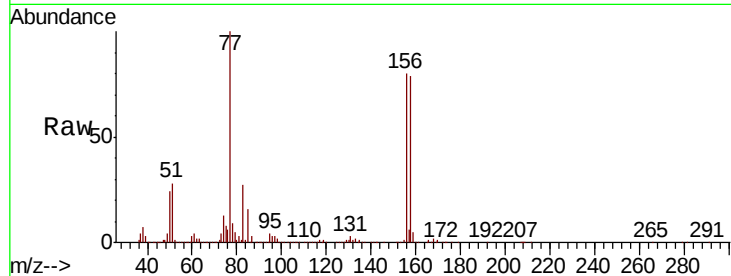
Tot Ion:156 Resp: 445623

Ion Ratio Lower Upper

156 100

77 130.8 66.2 198.6

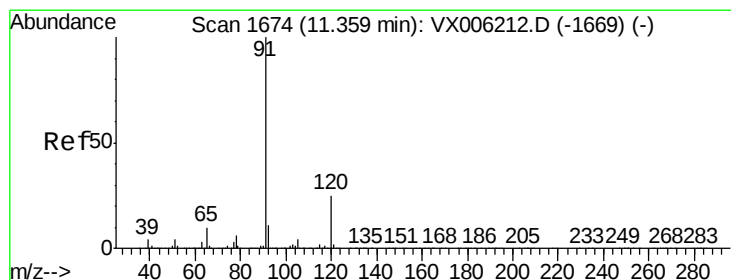
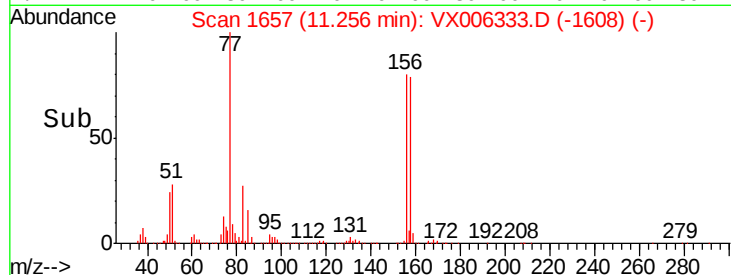
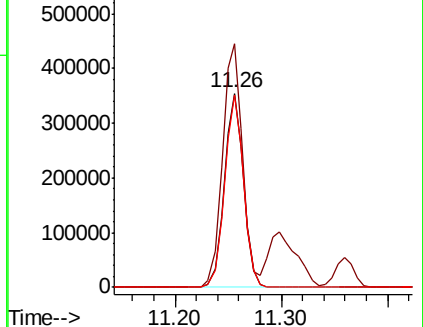
158 98.2 48.8 146.4



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: 50.886 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006333.D

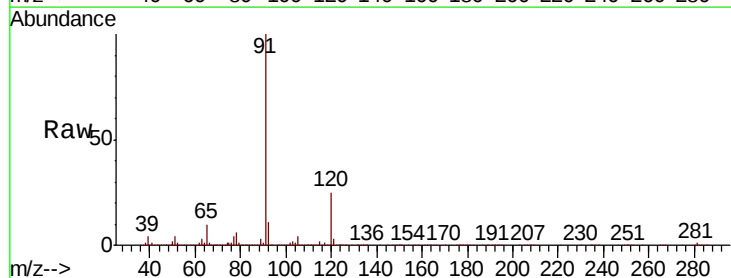
Acq: 06 Dec 2018 21:50

Tgt Ion: 91 Resp: 1777444

Ion Ratio Lower Upper

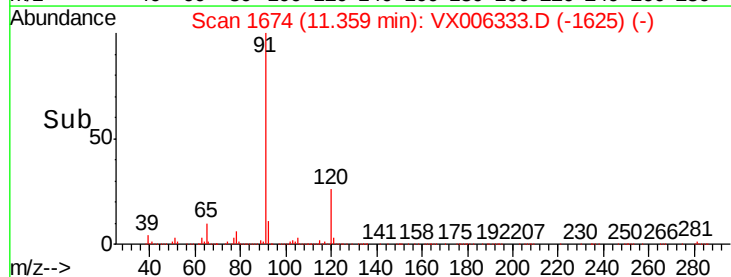
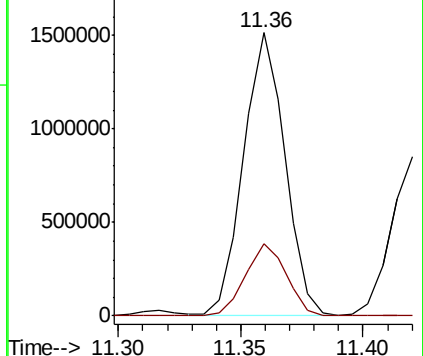
91 100

120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.783 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

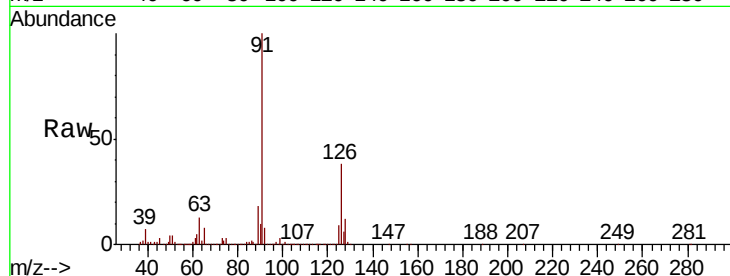
VSTDCCC050EC

Tot Ion: 91 Resp: 1054303

Ion Ratio Lower Upper

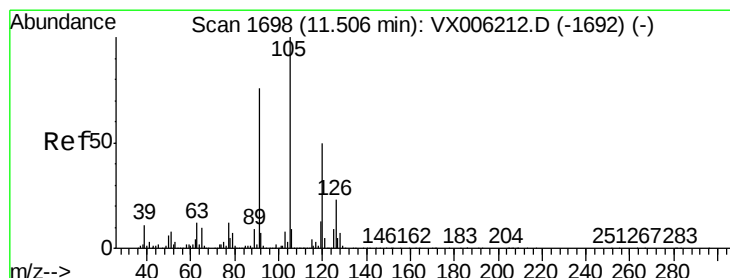
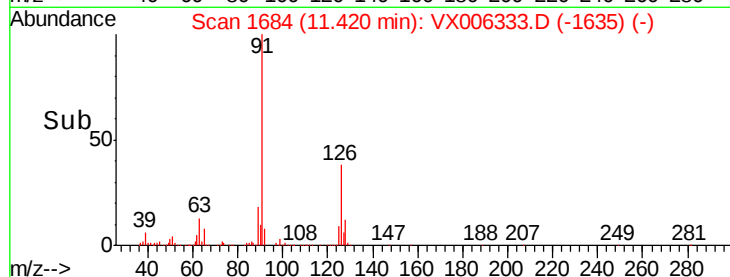
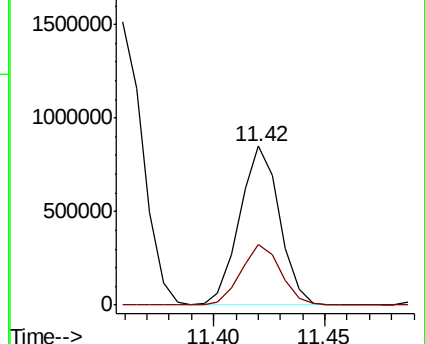
91 100

126 38.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006333.D

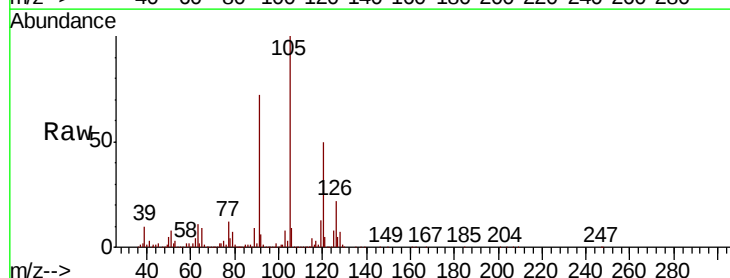
Acq: 06 Dec 2018 21:50

Tgt Ion:105 Resp: 1339257

Ion Ratio Lower Upper

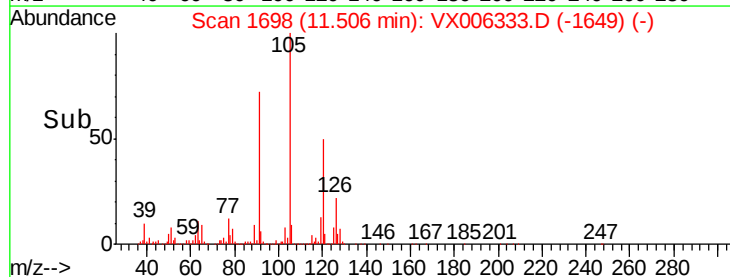
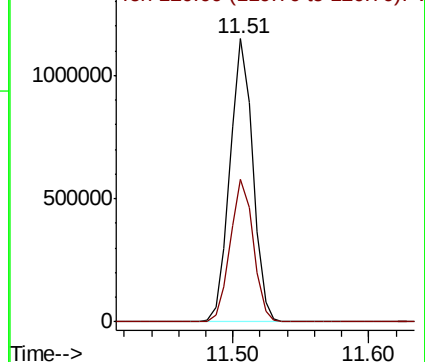
105 100

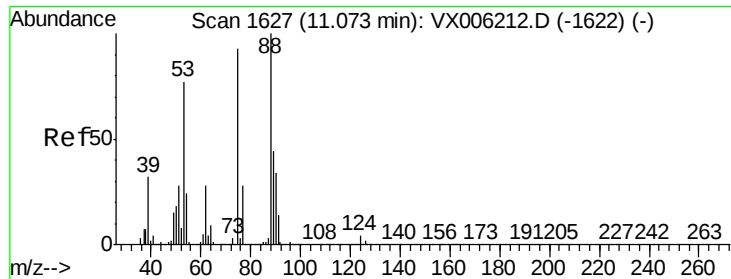
120 50.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

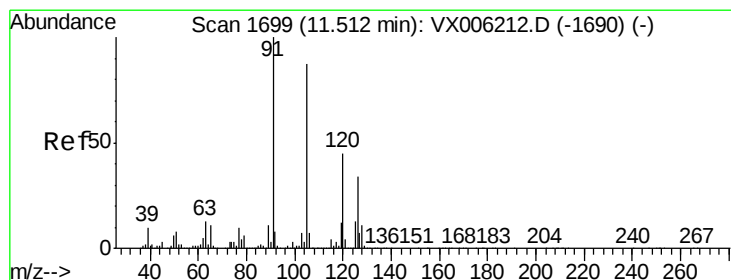
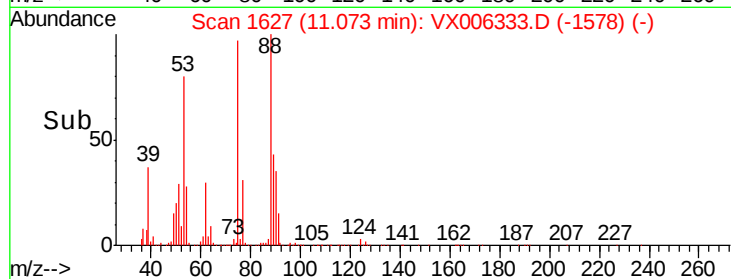
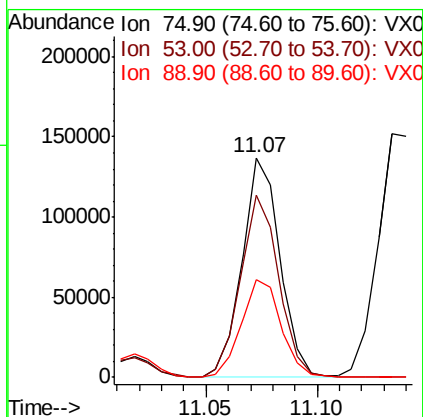
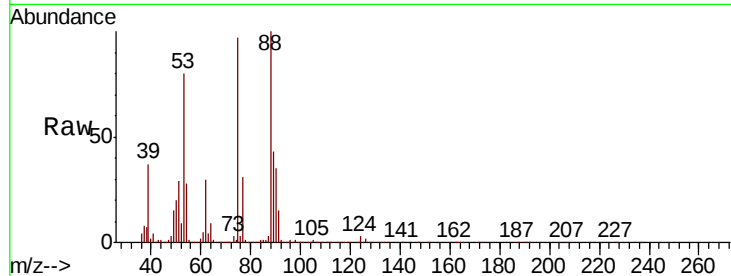




#81
trans-1,4-Dichloro-2-butene
Concen: 43.505 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

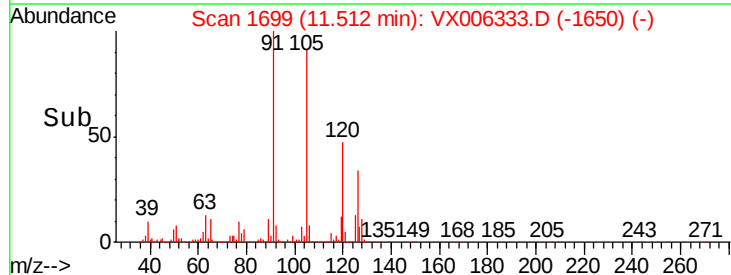
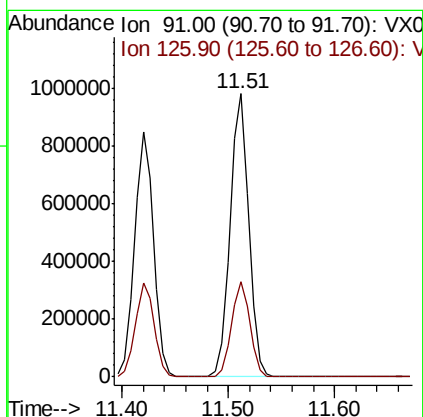
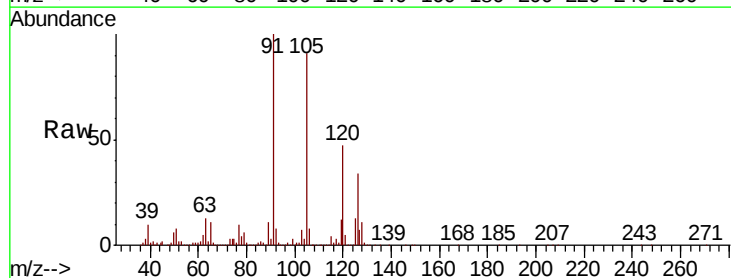
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

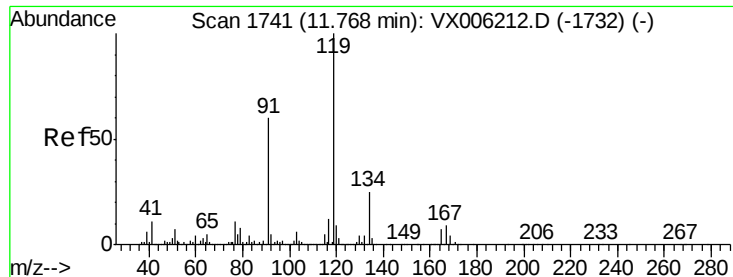
Tot Ion: 75 Resp: 162818
Ion Ratio Lower Upper
75 100
53 83.9 64.4 96.6
89 47.1 44.2 66.4



#82
4-Chlorotoluene
Concen: 50.063 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 91 Resp: 1208409
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

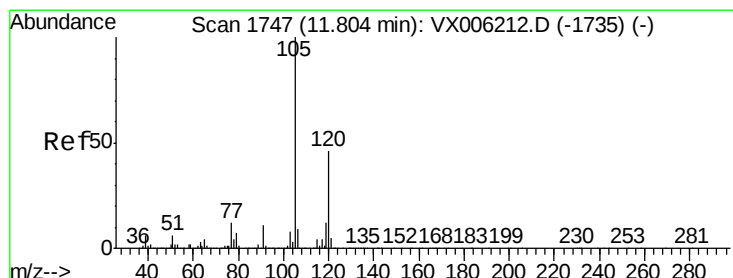
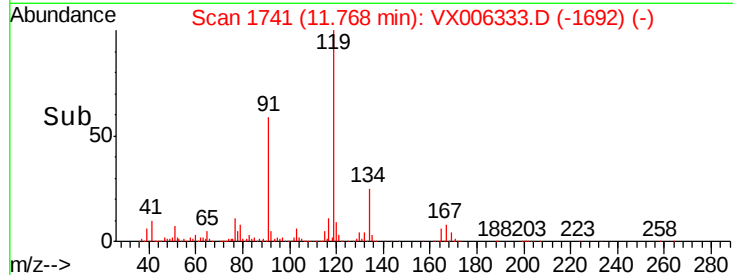
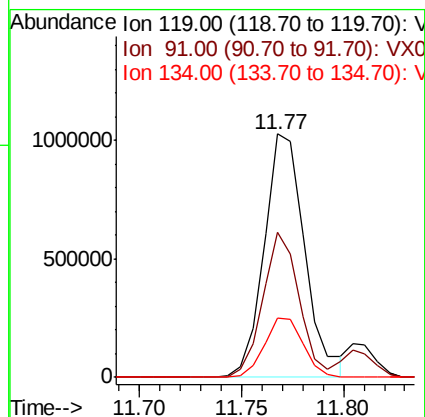
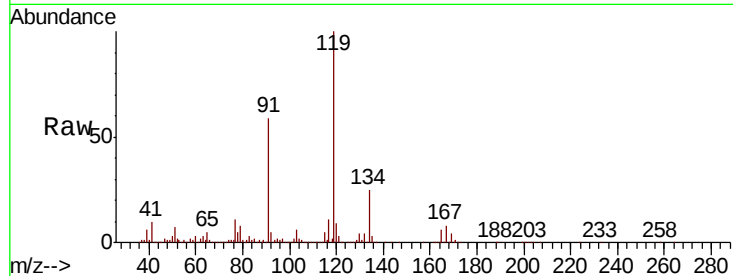




#83
tert-Butylbenzene
Concen: 51.061 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

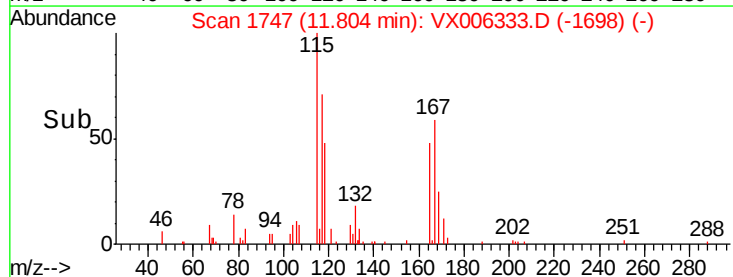
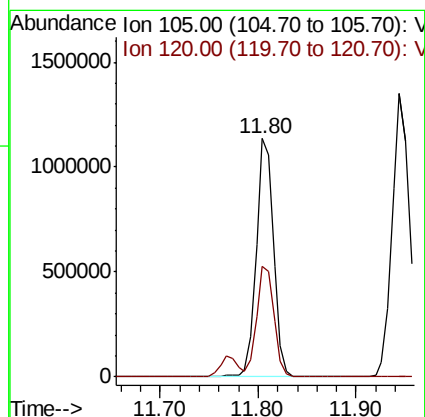
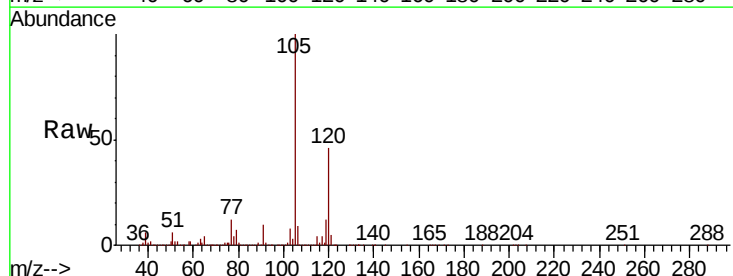
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

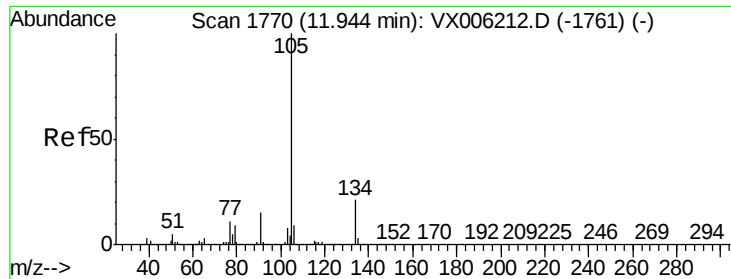
Tot Ion:119 Resp: 1424372
Ion Ratio Lower Upper
119 100
91 53.0 26.4 79.2
134 23.5 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 51.276 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion:105 Resp: 1384297
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 51.766 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

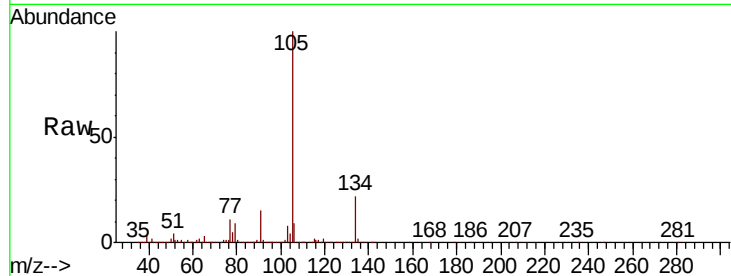
VSTDCCC050EC

Tot Ion:105 Resp: 1642815

Ion Ratio Lower Upper

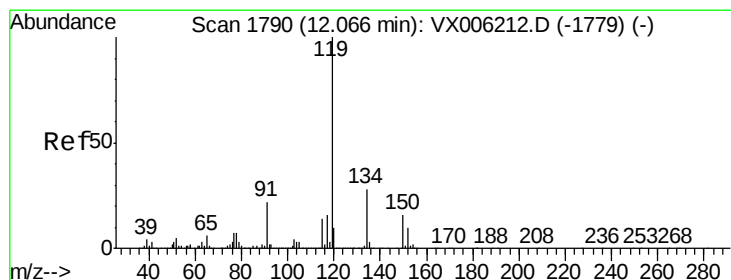
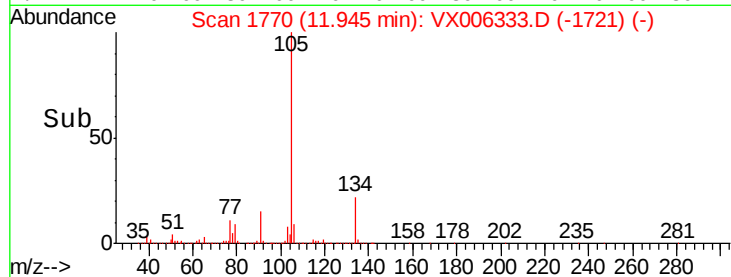
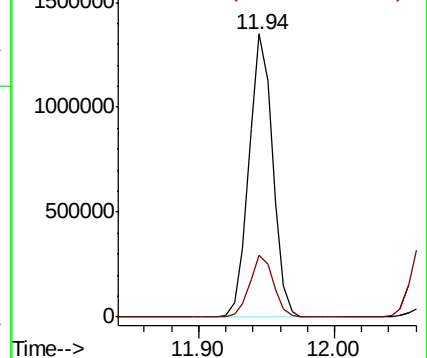
105 100

134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.225 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

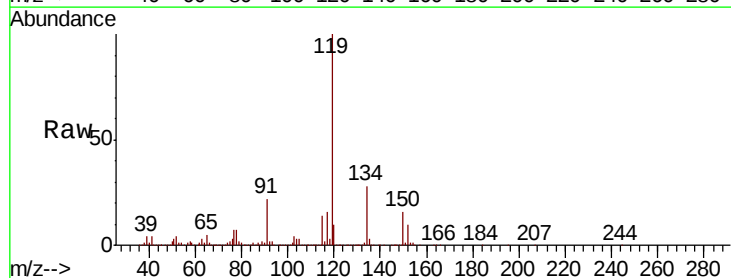
Tgt Ion:119 Resp: 1463836

Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

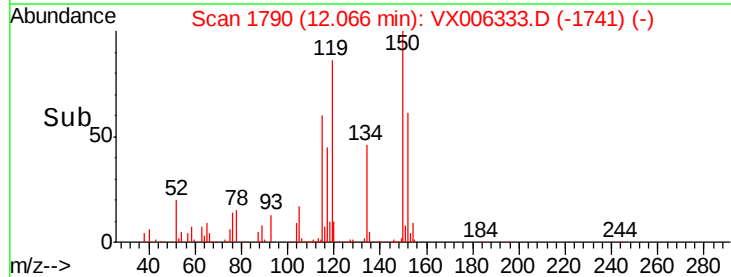
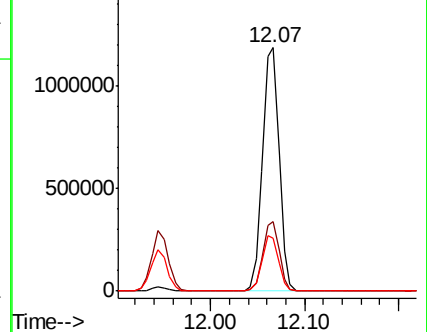
91 22.4 11.3 33.8

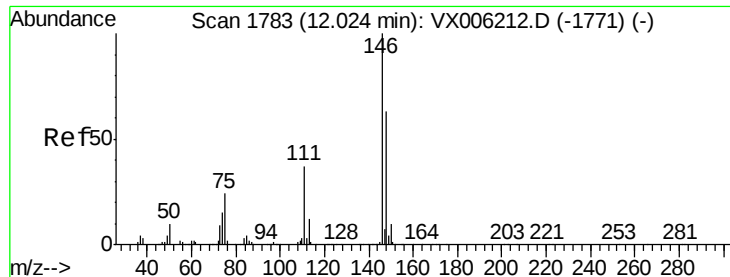


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.787 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

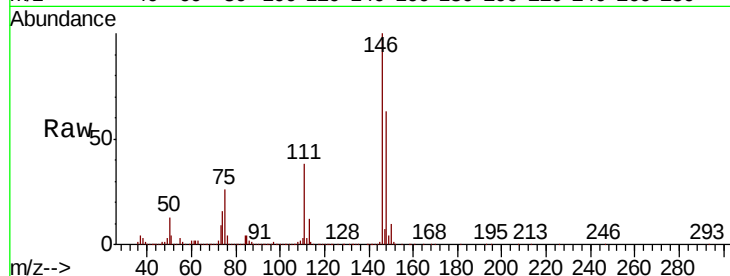
Tot Ion:146 Resp: 788050

Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.2

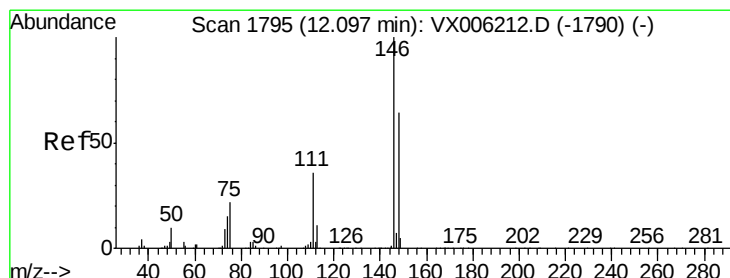
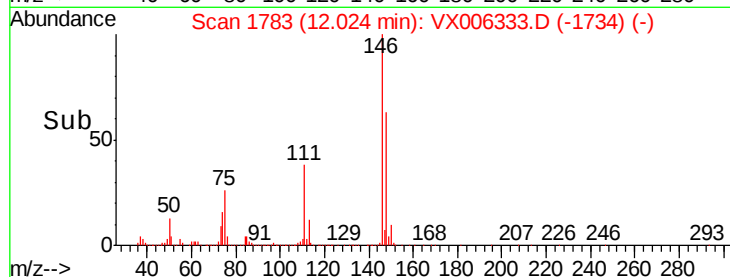
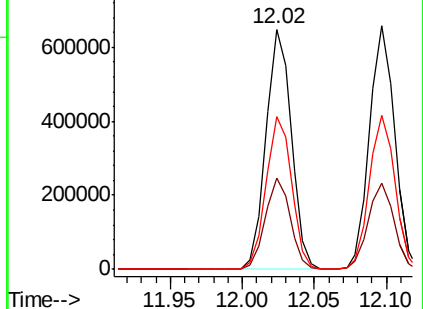
148 64.1 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 50.032 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

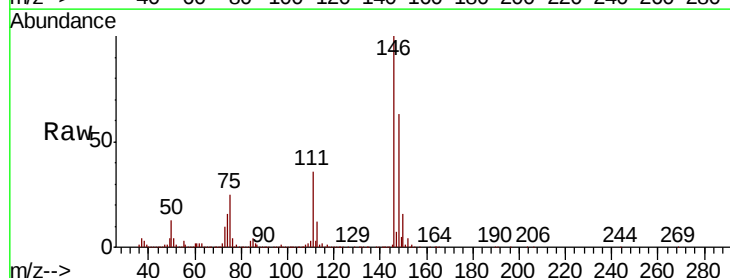
Tgt Ion:146 Resp: 787965

Ion Ratio Lower Upper

146 100

111 36.2 18.3 54.8

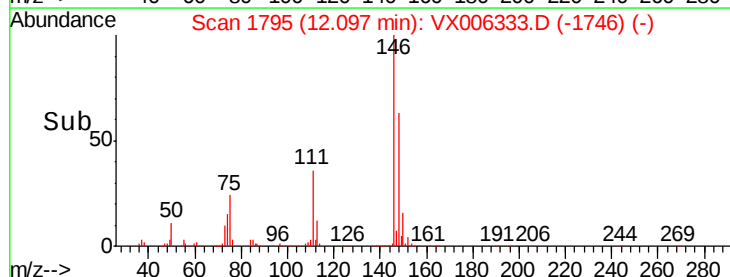
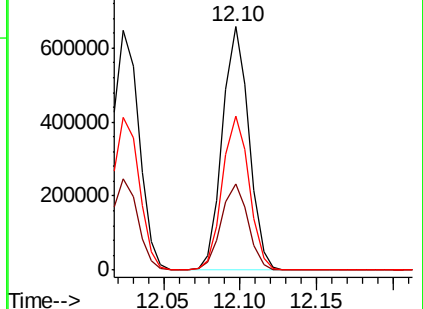
148 64.4 31.9 95.9

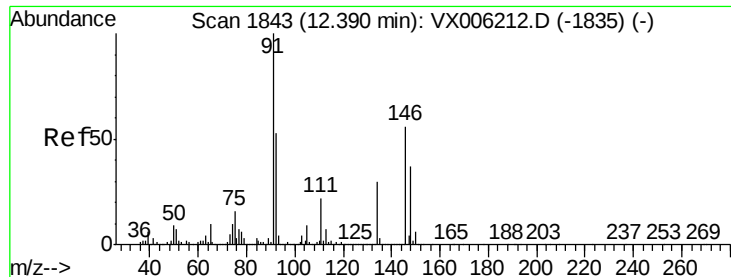


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

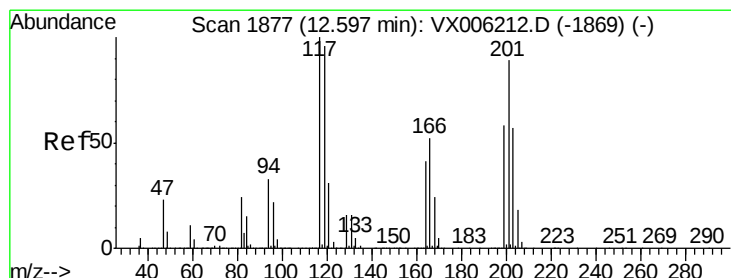
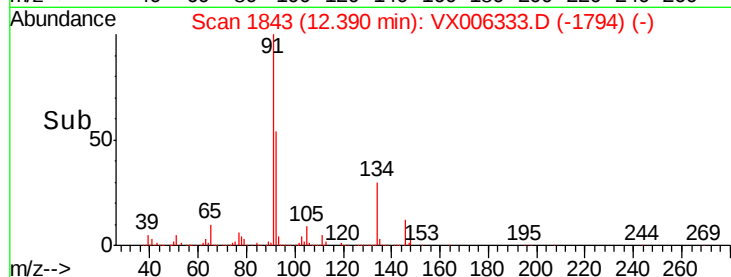
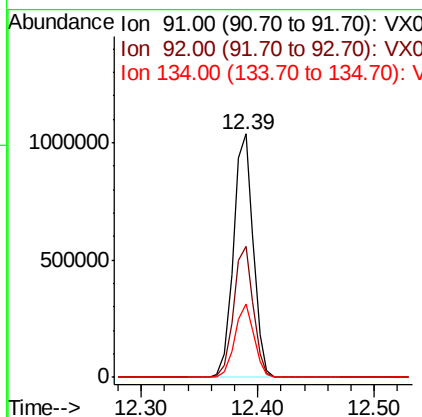
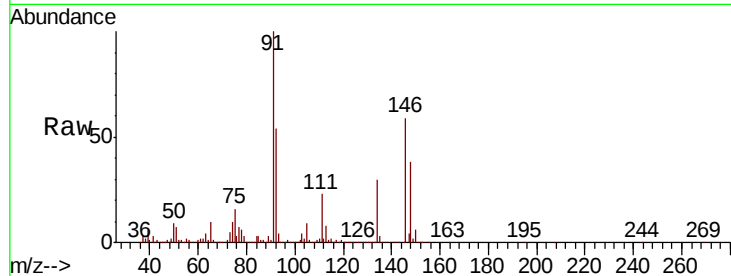




#89
n-Butylbenzene
Concen: 50.349 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

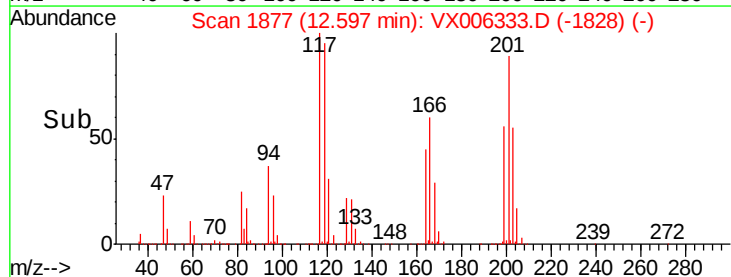
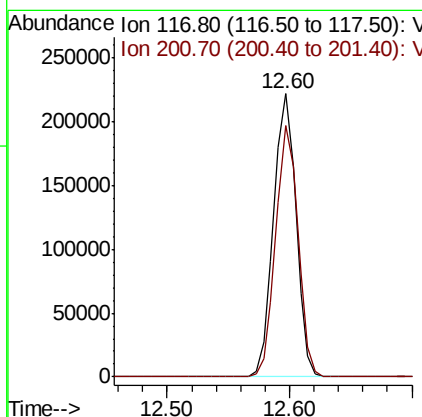
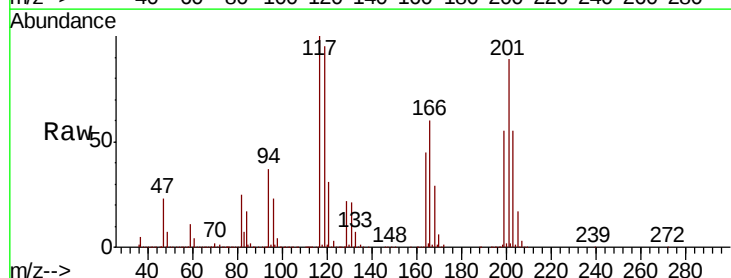
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

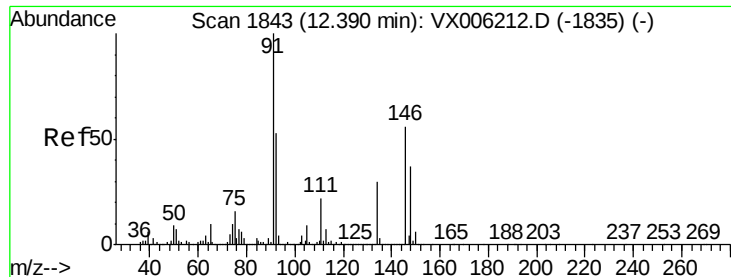
Tot Ion: 91 Resp: 1227651
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 29.4 14.8 44.3



#90
Hexachloroethane
Concen: 48.754 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 117 Resp: 283954
Ion Ratio Lower Upper
117 100
201 88.1 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 50.509 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

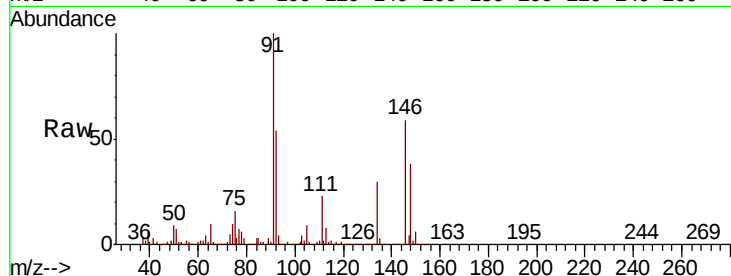
Tot Ion:146 Resp: 777840

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

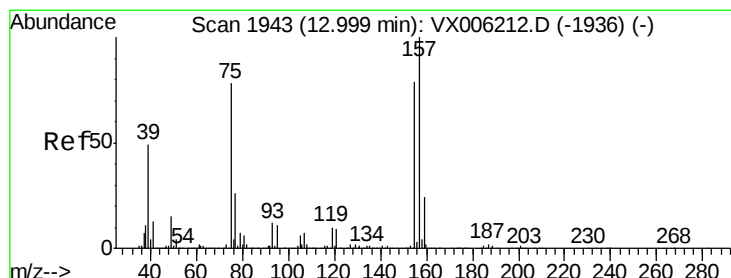
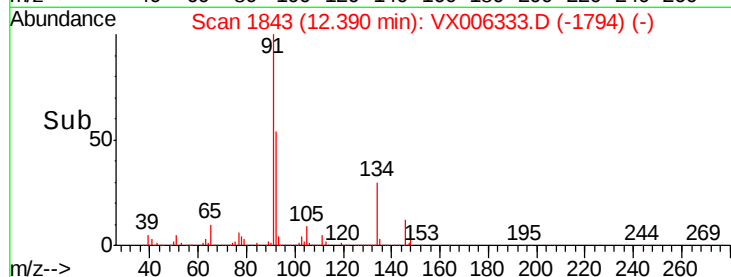
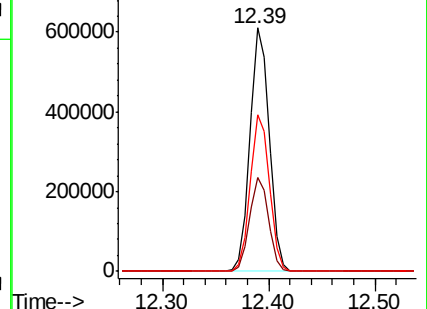
148 64.3 32.1 96.3



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: 44.894 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

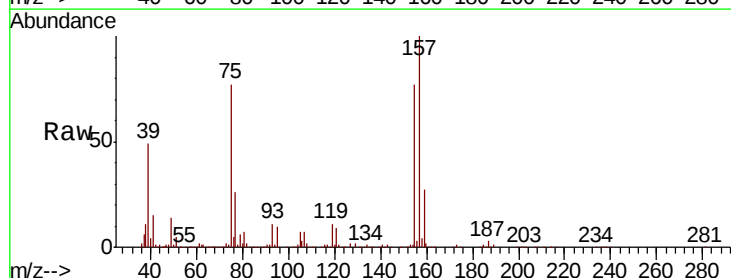
Tgt Ion: 75 Resp: 115691

Ion Ratio Lower Upper

75 100

155 103.4 53.4 160.3

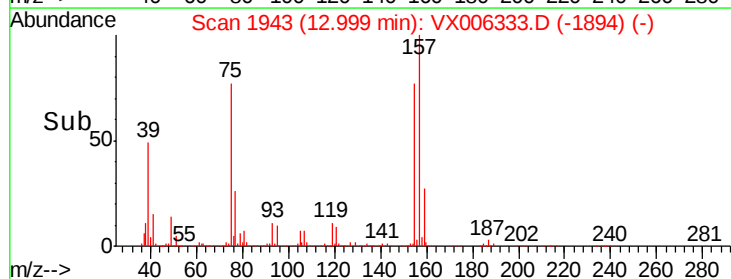
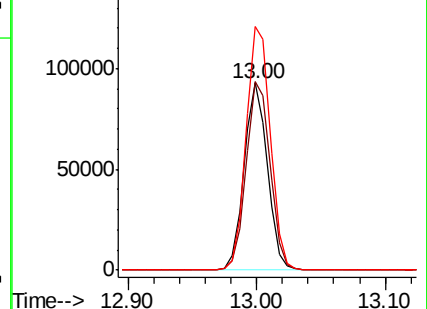
157 134.4 68.0 203.8

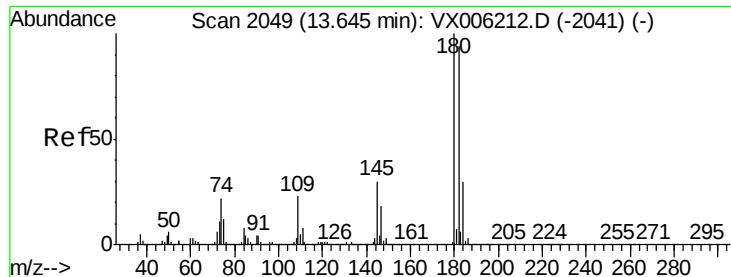


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

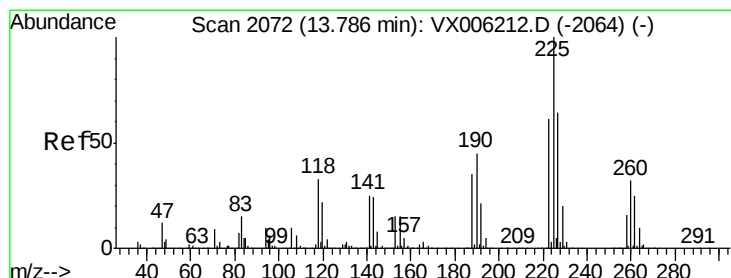
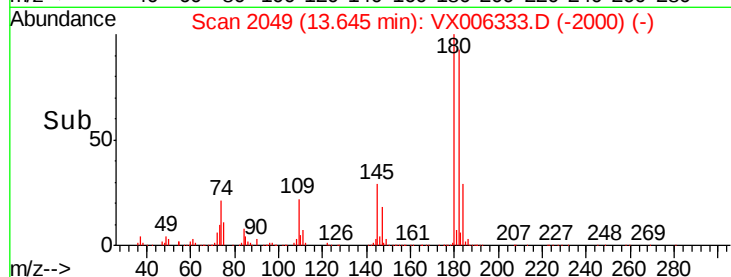
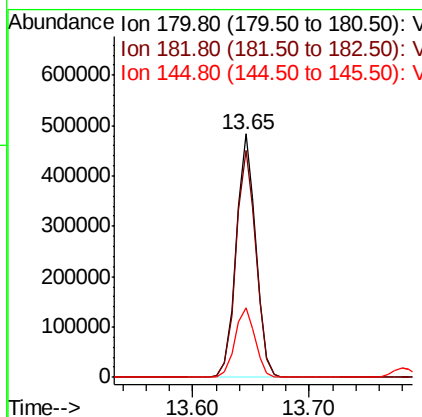
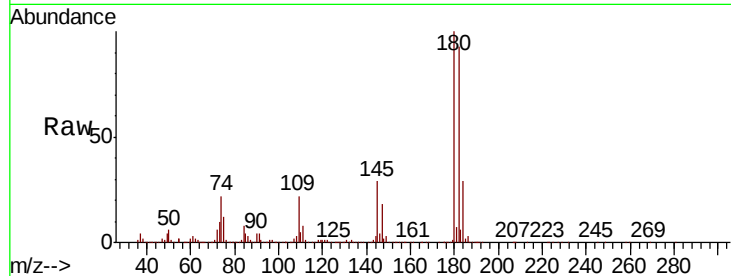




#93
 1,2,4-Trichlorobenzene
 Concen: 50.332 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

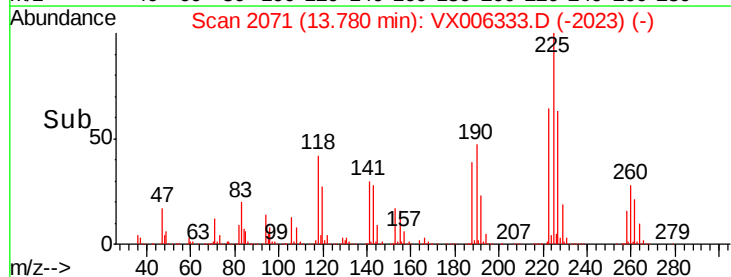
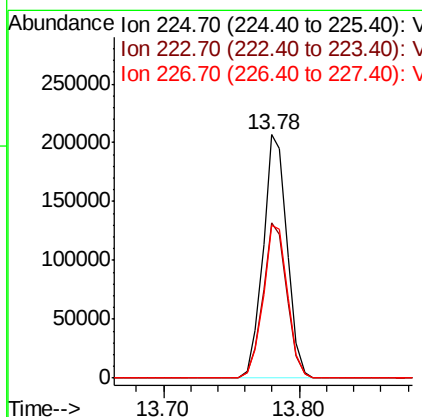
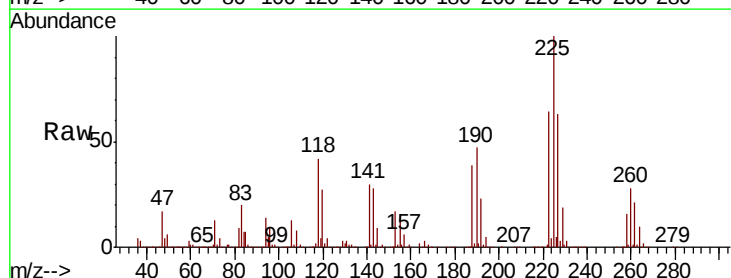
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.5	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 51.615 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	63.8	31.9	95.5

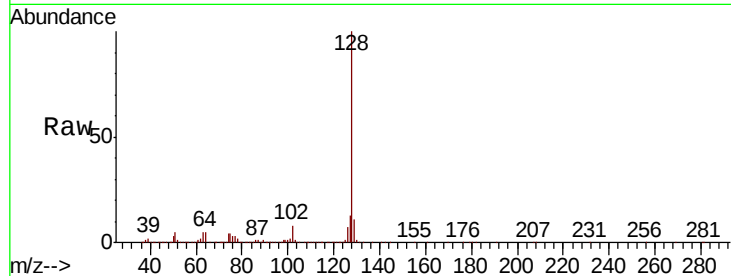




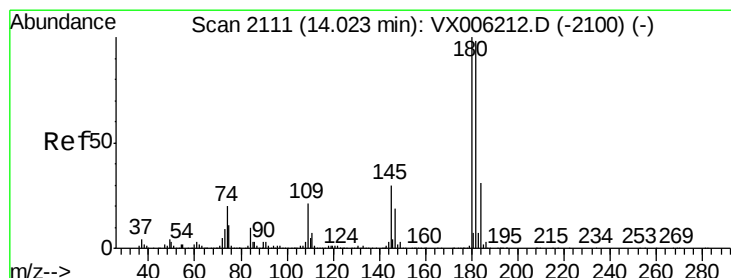
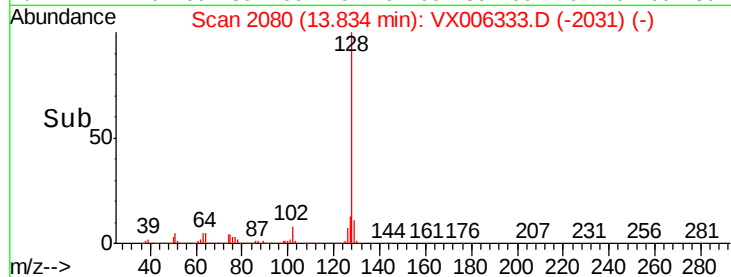
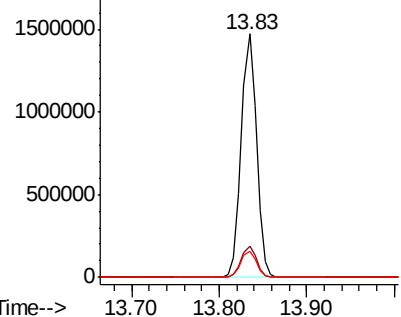
#95
Naphthalene
Concen: 50.753 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1773742
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3

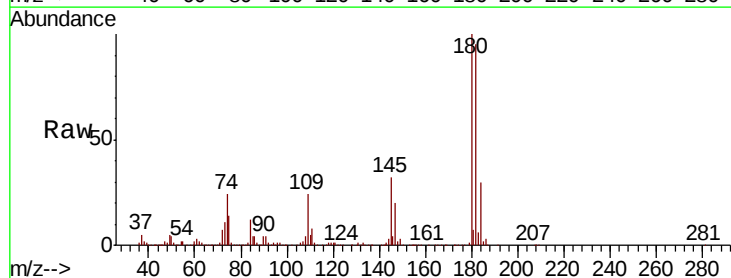


Abundance Ion 128.00 (127.70 to 128.70): V
2000000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.252 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion:180 Resp: 570338
Ion Ratio Lower Upper
180 100
182 94.3 48.4 145.2
145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
600000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

