

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005988.D
 Acq On : 14 Nov 2018 21:28
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 15 00:27:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	182051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69518	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.51	113	56527	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	8.71	98	199475	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	75429	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51242	46.475	ug/l	93
3) Chloromethane	1.32	50	64662	44.688	ug/l	98
4) Vinyl Chloride	1.41	62	65162	44.858	ug/l	99
5) Bromomethane	1.64	94	37595	42.291	ug/l	99
6) Chloroethane	1.71	64	41823	48.253	ug/l	100
7) Trichlorofluoromethane	1.92	101	90600	46.987	ug/l	98
8) Diethyl Ether	2.19	74	38009	50.307	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53059	47.846	ug/l	98
10) Methyl Iodide	2.51	142	59441	44.226	ug/l	99
11) Tert butyl alcohol	3.07	59	95626	237.444	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51524	47.668	ug/l	96
13) Acrolein	2.29	56	60339	309.300	ug/l	100
14) Allyl chloride	2.73	41	115816	47.975	ug/l	97
15) Acrylonitrile	3.15	53	209386	250.879	ug/l	99
16) Acetone	2.45	43	181952	240.375	ug/l	99
17) Carbon Disulfide	2.57	76	147112	45.629	ug/l	96
18) Methyl Acetate	2.78	43	111418	55.076	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	194795	52.802	ug/l	98
20) Methylene Chloride	2.85	84	59706	48.018	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54923	48.175	ug/l #	91
22) Diisopropyl ether	3.87	45	218263	51.612	ug/l	97
23) Vinyl Acetate	3.82	43	896473	247.239	ug/l	95
24) 1,1-Dichloroethane	3.69	63	113217	50.180	ug/l	100
25) 2-Butanone	4.70	43	300437	252.458	ug/l	98
26) 2,2-Dichloropropane	4.58	77	77010	46.531	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62334	49.516	ug/l	98
28) Bromochloromethane	5.01	49	53602	53.159	ug/l	100
29) Tetrahydrofuran	5.16	42	188130	246.212	ug/l	97
30) Chloroform	5.21	83	107092	49.199	ug/l	94
31) Cyclohexane	5.58	56	89843	45.874	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87963	48.448	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76439	43.555	ug/l	98
37) Ethyl Acetate	4.85	43	106133	45.987	ug/l	99
38) Carbon Tetrachloride	5.78	117	74419	42.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86355	48.548	ug/l	94
40) Benzene	6.15	78	229808	44.917	ug/l	100
41) Methacrylonitrile	5.05	41	58904	47.234	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80530	43.945	ug/l	99
43) Isopropyl Acetate	6.46	43	158964	47.535	ug/l	98
44) Trichloroethene	7.21	130	58747	45.214	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60564	48.771	ug/l	99
46) Dibromomethane	7.66	93	38111	48.908	ug/l	99
47) Bromodichloromethane	7.90	83	73699	50.045	ug/l	99
48) Methyl methacrylate	7.77	41	78208	52.083	ug/l	99
49) 1,4-Dioxane	7.75	88	32221	995.796	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	523077	248.184	ug/l	99
52) Toluene	8.79	92	135753	47.476	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	82955	47.733	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	90027	50.824	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56466	44.309	ug/l	99
56) Ethyl methacrylate	9.18	69	93446	49.007	ug/l	98
57) 1,3-Dichloropropane	9.37	76	96738	45.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	249328	240.298	ug/l	100
59) 2-Hexanone	9.49	43	414289	223.004	ug/l	98
60) Dibromochloromethane	9.59	129	59915	43.503	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59716	42.377	ug/l	100
64) Tetrachloroethene	9.34	164	60259	44.243	ug/l	99
65) Chlorobenzene	10.14	112	154115	48.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56872	51.045	ug/l	99
67) Ethyl Benzene	10.25	91	267302	52.016	ug/l	100
68) m/p-Xylenes	10.36	106	203671	103.905	ug/l	100
69) o-Xylene	10.70	106	98507	56.044	ug/l	100
70) Styrene	10.71	104	165196	56.974	ug/l	99
71) Bromoform	10.86	173	50200	53.749	ug/l	99
73) Isopropylbenzene	11.02	105	269456	51.821	ug/l	100
74) N-amyl acetate	10.90	43	138387	47.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94256	49.386	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113768	62.138	ug/l	85
77) Bromobenzene	11.26	156	70764	48.283	ug/l	99
78) n-propylbenzene	11.36	91	310406	50.653	ug/l	100
79) 2-Chlorotoluene	11.42	91	184769	49.883	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227681	51.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28768	50.079	ug/l	95
82) 4-Chlorotoluene	11.51	91	218136	49.970	ug/l	100
83) tert-Butylbenzene	11.77	119	227261	50.838	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	233948	47.971	ug/l	100
85) sec-Butylbenzene	11.94	105	271935	49.746	ug/l	100
86) p-Isopropyltoluene	12.07	119	242816	50.147	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131410	46.720	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132490	46.014	ug/l	100
89) n-Butylbenzene	12.39	91	213196	47.507	ug/l	100
90) Hexachloroethane	12.60	117	40539	50.146	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	130964	46.479	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23534	50.531	ug/l	97

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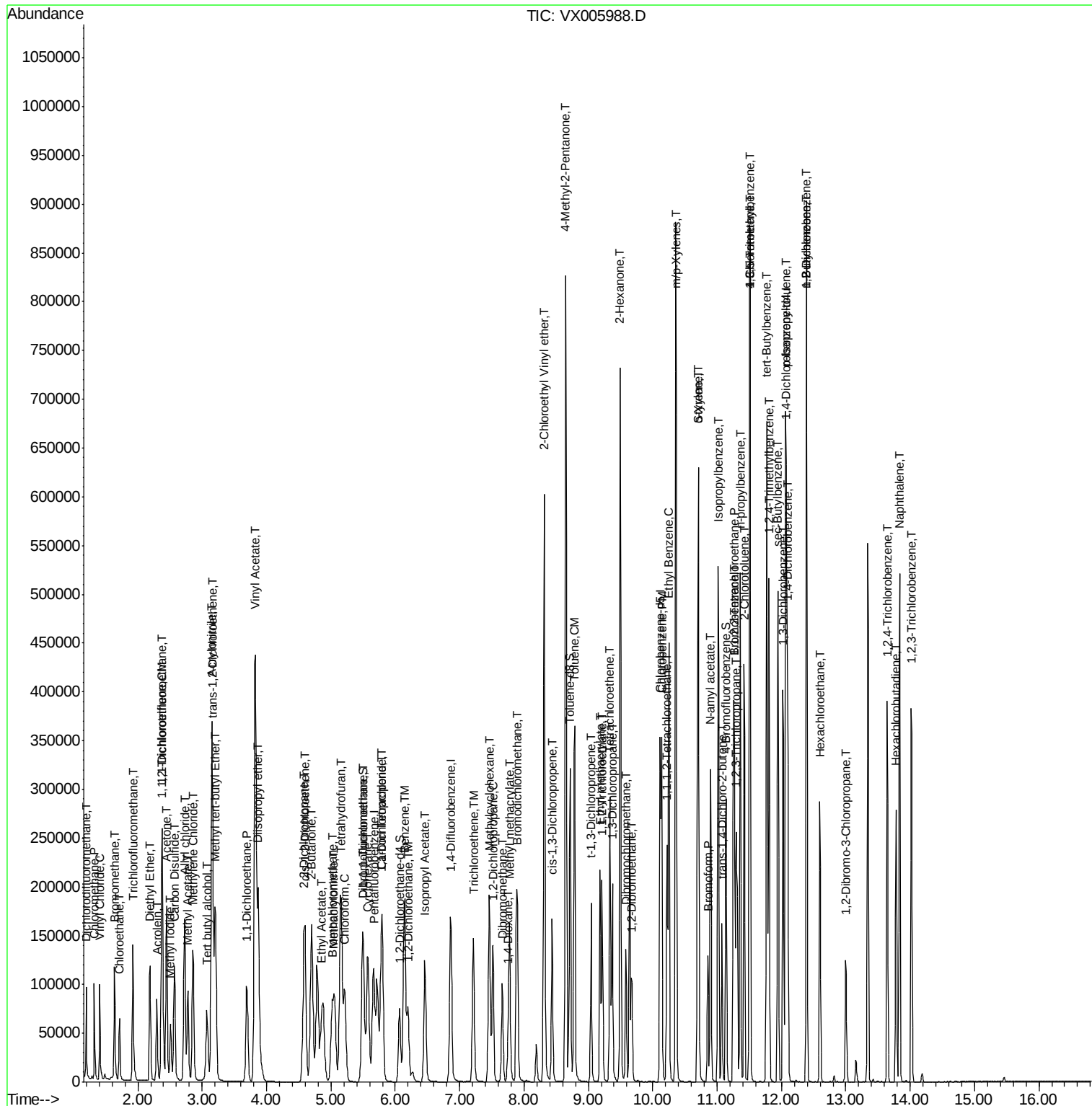
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96394	48.596	ug/l	100
94) Hexachlorobutadiene	13.78	225	45429	43.600	ug/l	99
95) Naphthalene	13.83	128	310470	48.041	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97445	48.220	ug/l	100

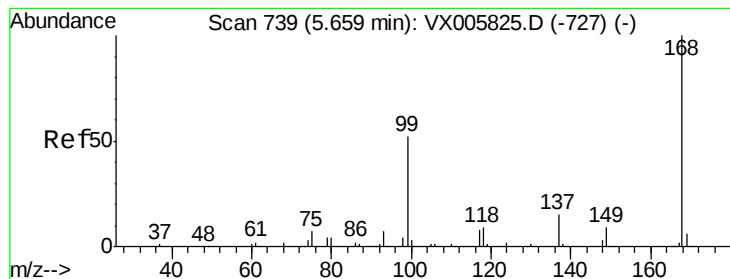
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

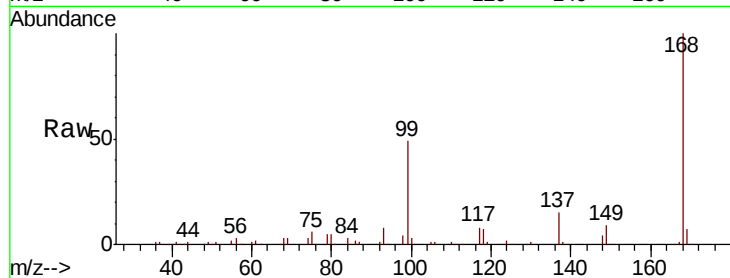
VSTDCCC050EC

Tot Ion:168 Resp: 122288

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

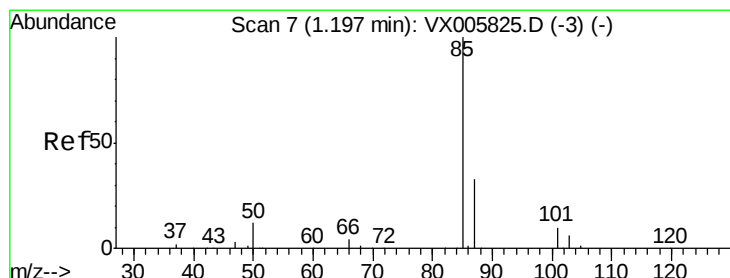
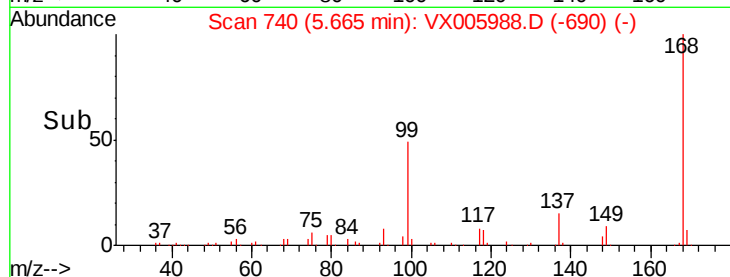
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.475 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005988.D

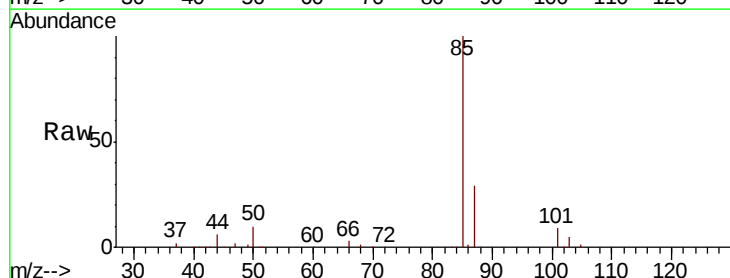
Acq: 14 Nov 2018 21:28

Tgt Ion: 85 Resp: 51242

Ion Ratio Lower Upper

85 100

87 28.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

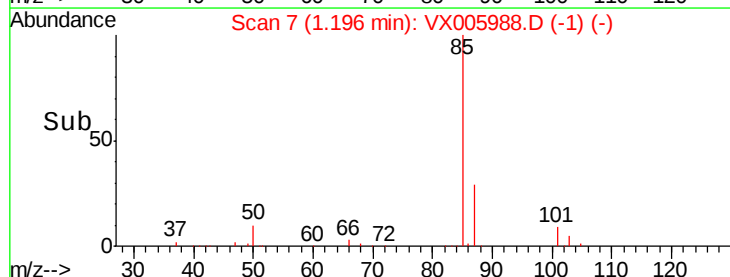
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.688 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

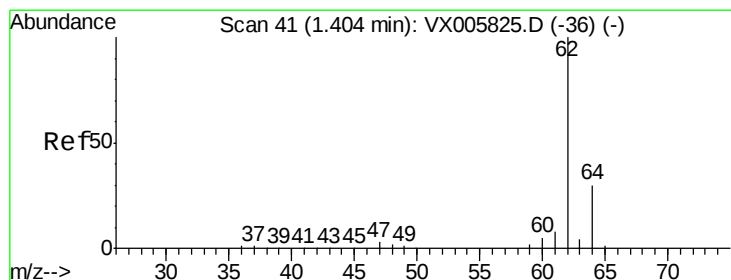
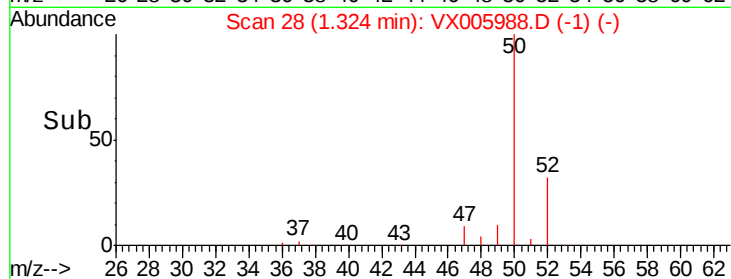
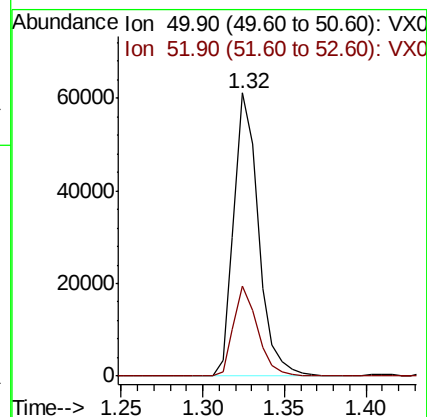
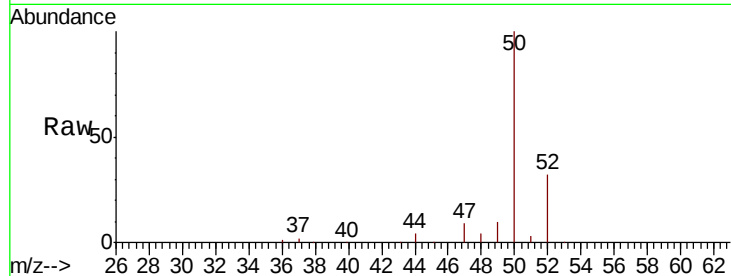
VSTDCCC050EC

Tot Ion: 50 Resp: 64662

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 44.858 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005988.D

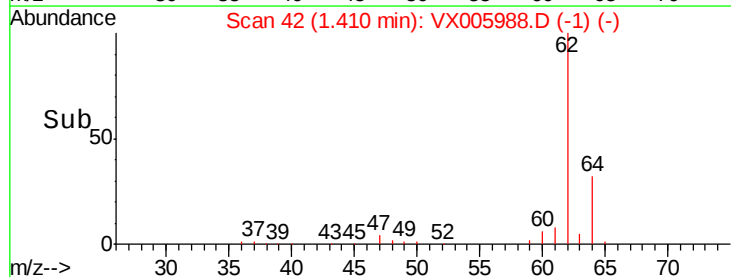
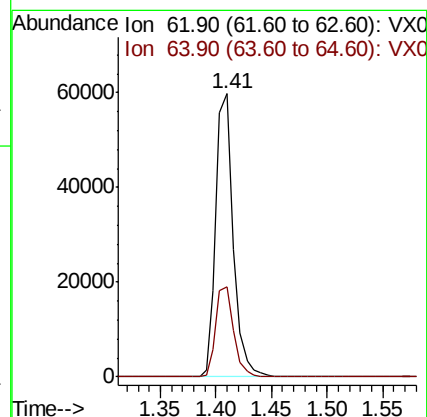
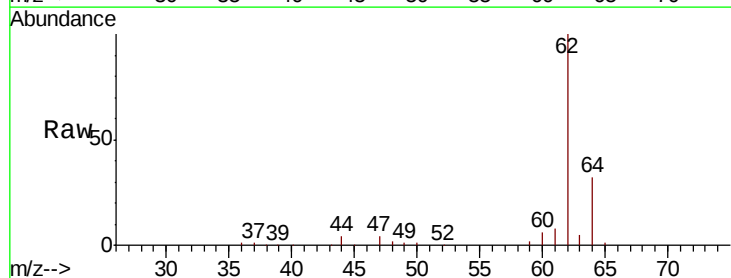
Acq: 14 Nov 2018 21:28

Tgt Ion: 62 Resp: 65162

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 42.291 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

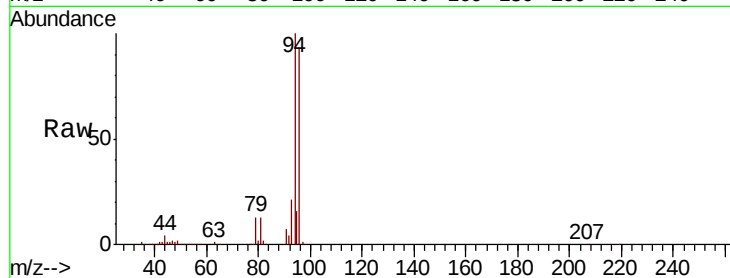
VSTDCCC050EC

Tot Ion: 94 Resp: 37595

Ion Ratio Lower Upper

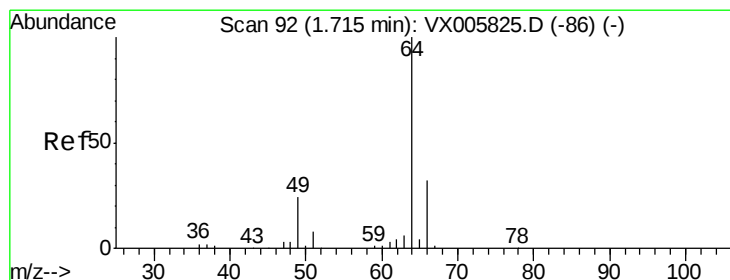
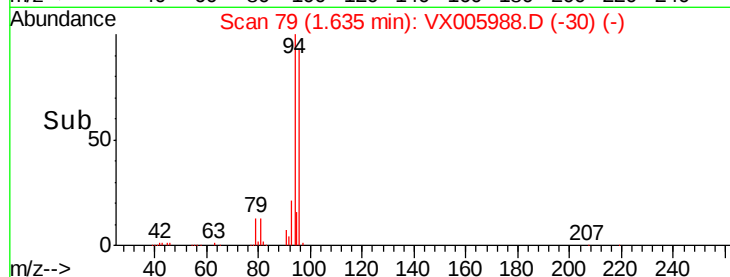
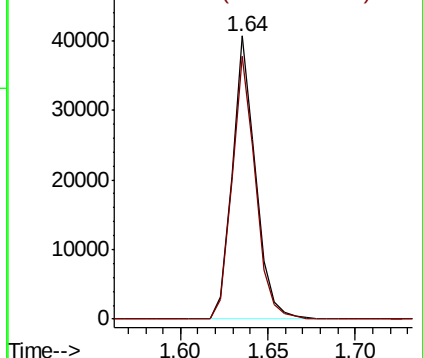
94 100

96 93.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.253 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005988.D

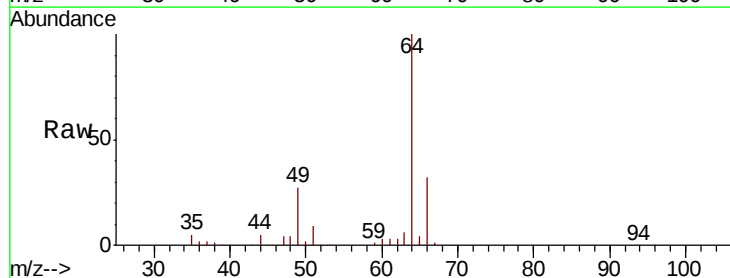
Acq: 14 Nov 2018 21:28

Tgt Ion: 64 Resp: 41823

Ion Ratio Lower Upper

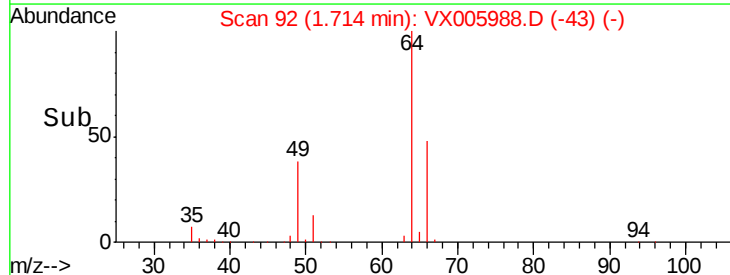
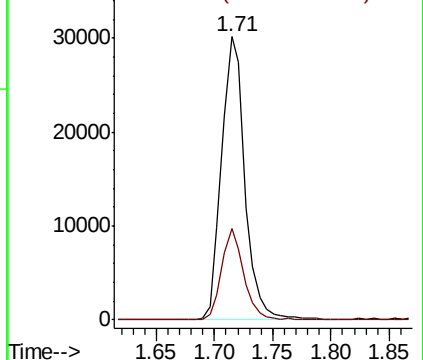
64 100

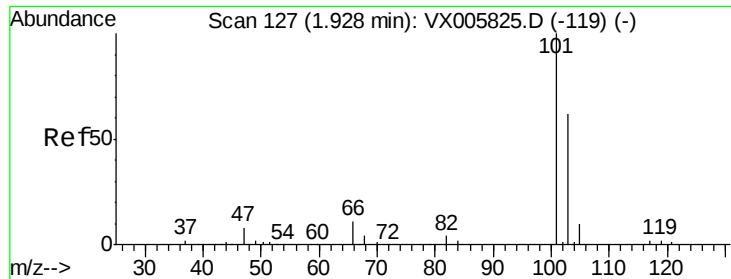
66 32.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



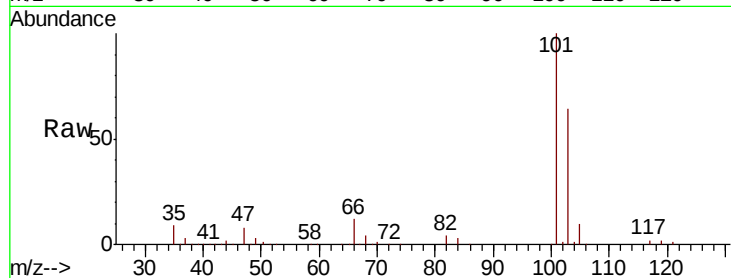


#7

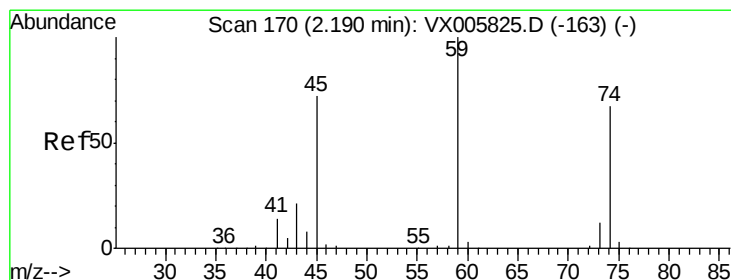
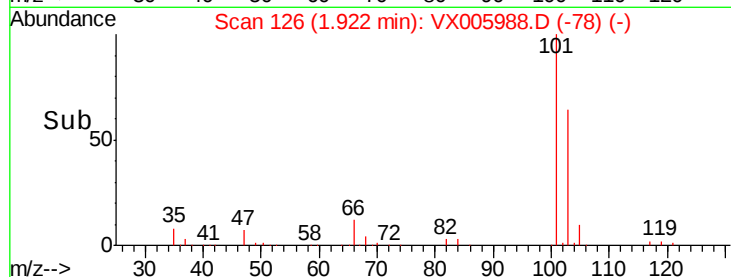
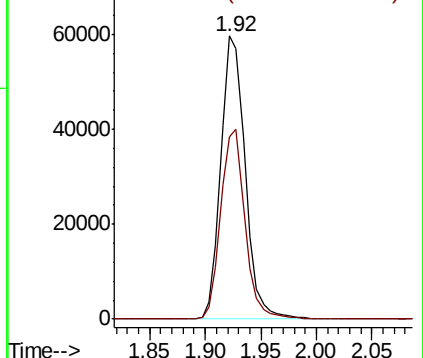
Trichlorofluoromethane
 Concen: 46.987 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Instrument :
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Tot Ion:101 Resp: 90600
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.0 75.0



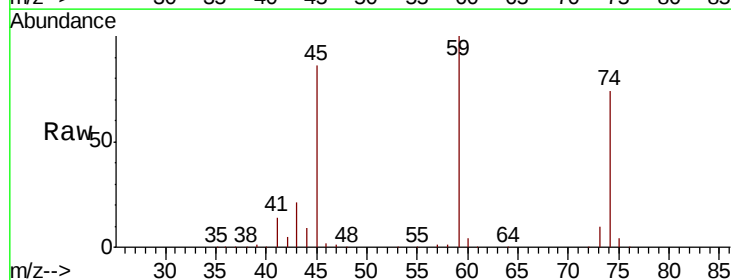
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



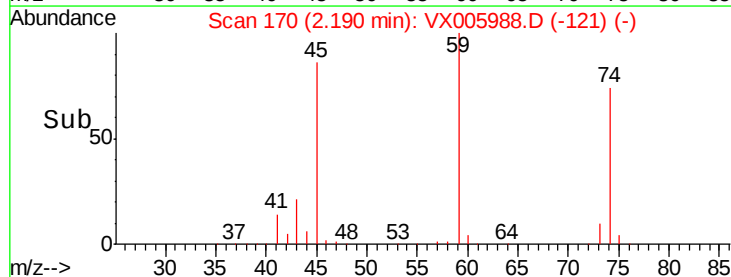
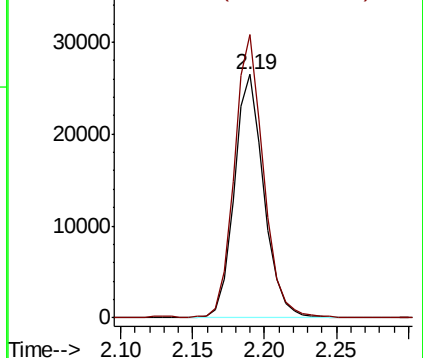
#8

Diethyl Ether
 Concen: 50.307 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 74 Resp: 38009
 Ion Ratio Lower Upper
 74 100
 45 113.0 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0

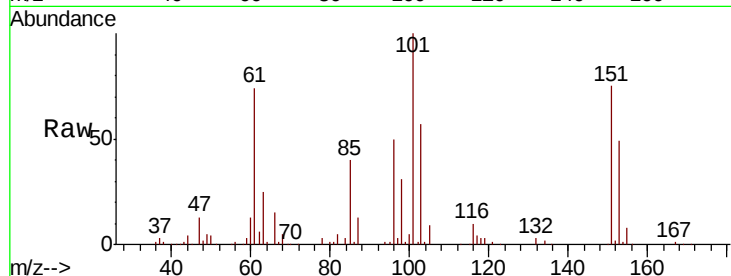




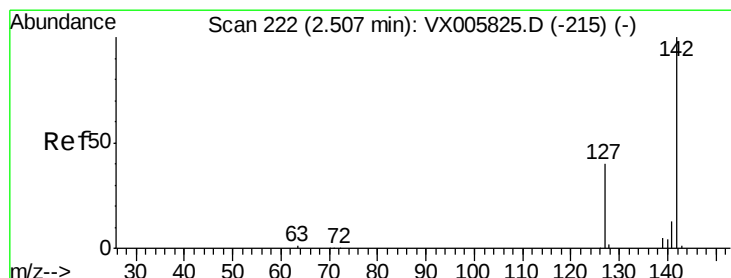
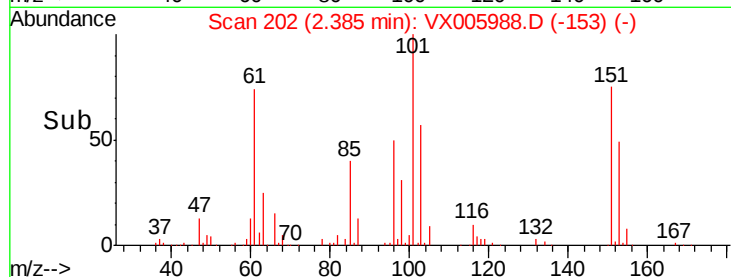
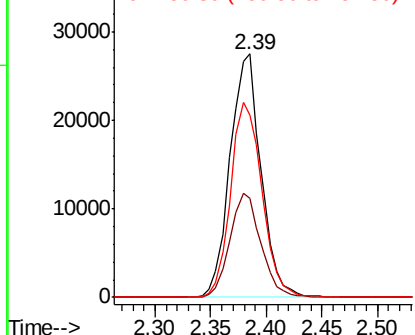
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.846 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005988.D
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Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 53059
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.0 52.4
 151 81.2 66.2 99.2

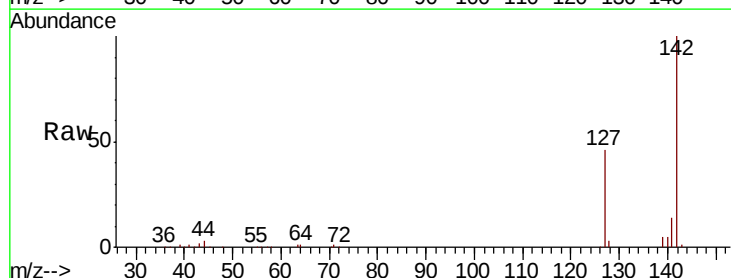


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

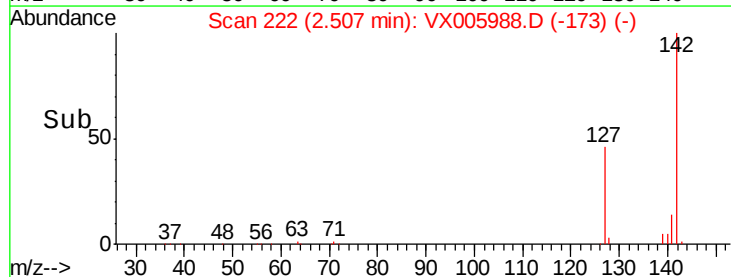
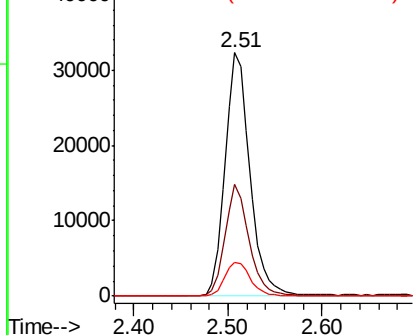


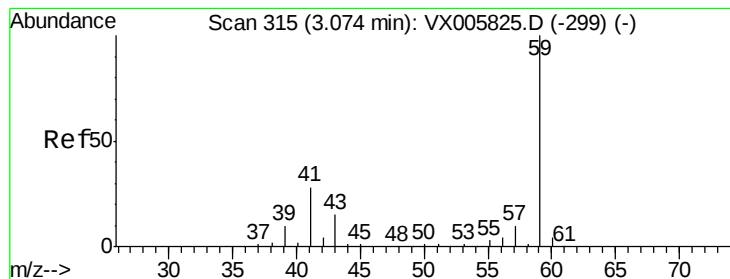
#10
 Methyl Iodide
 Concen: 44.226 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion:142 Resp: 59441
 Ion Ratio Lower Upper
 142 100
 127 44.2 36.0 54.0
 141 14.4 11.7 17.5



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



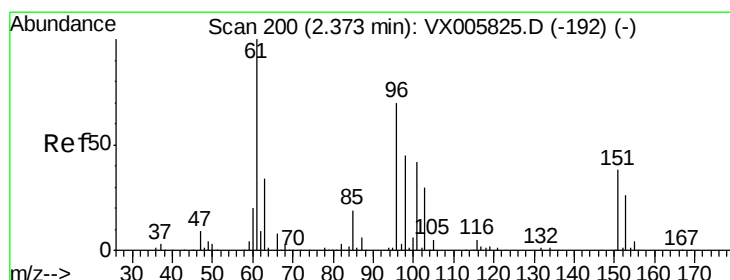
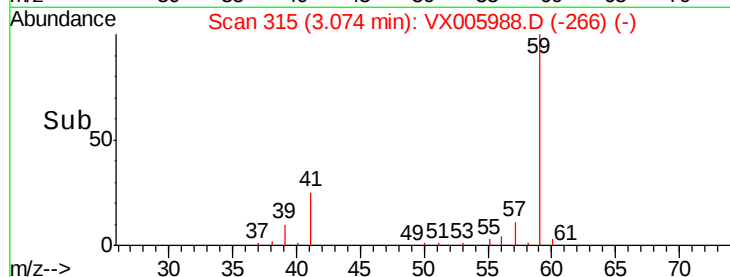
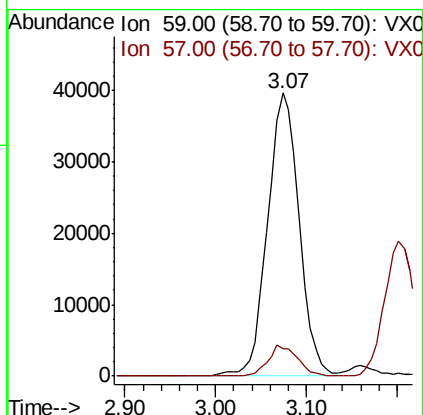
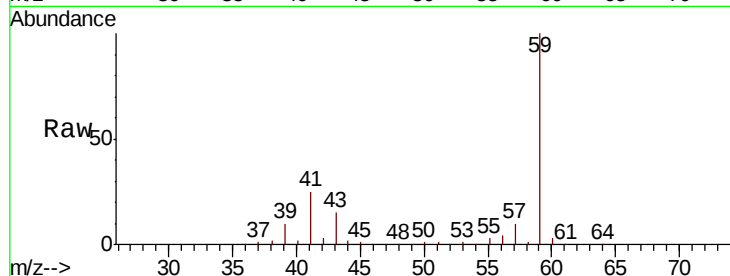


#11

Tert butyl alcohol
 Concen: 237.444 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

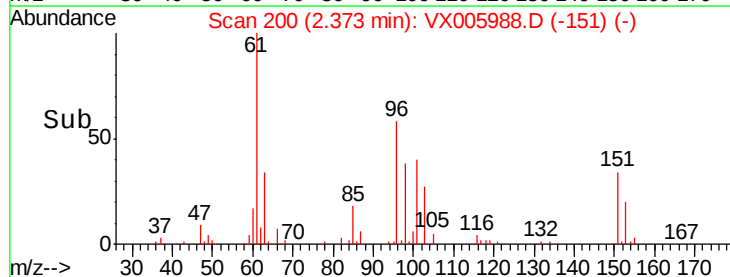
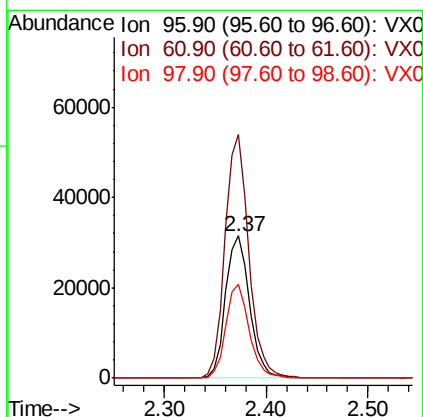
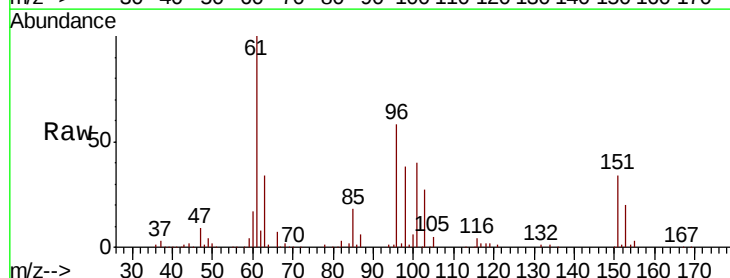
Tot Ion: 59 Resp: 95626
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

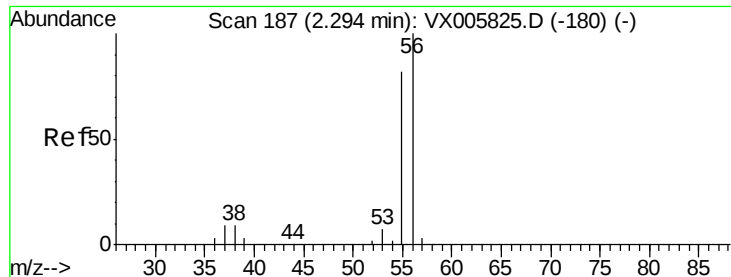


#12

1,1-Dichloroethene
 Concen: 47.668 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 96 Resp: 51524
 Ion Ratio Lower Upper
 96 100
 61 171.5 131.8 197.8
 98 65.7 53.4 80.2





#13

Acrolein

Concen: 309.300 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

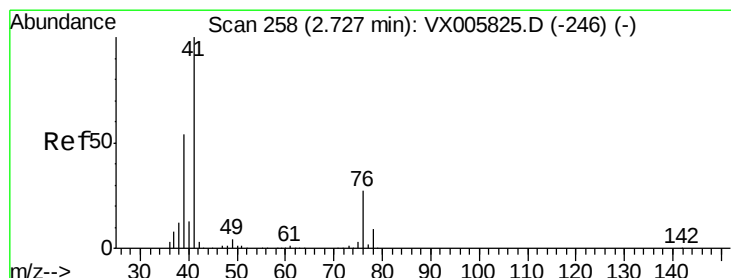
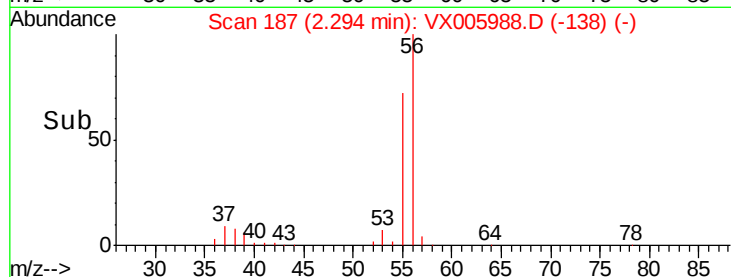
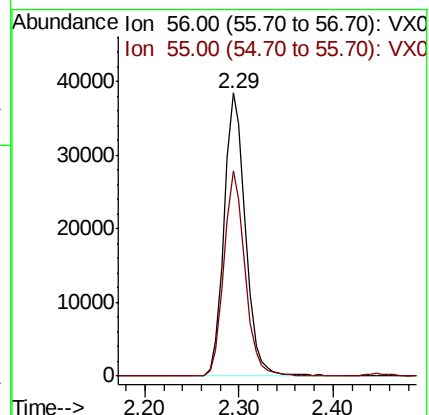
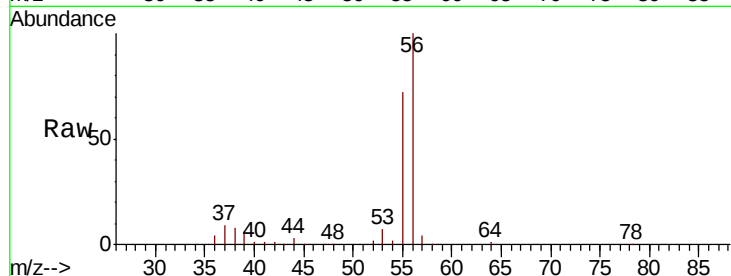
VSTDCCC050EC

Tot Ion: 56 Resp: 60339

Ion Ratio Lower Upper

56 100

55 71.6 57.3 85.9



#14

Allyl chloride

Concen: 47.975 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

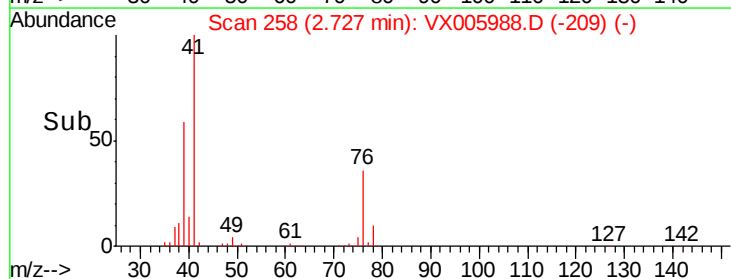
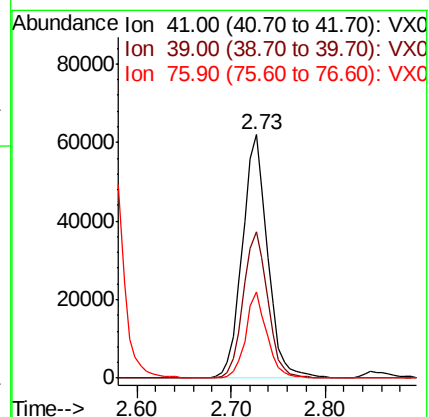
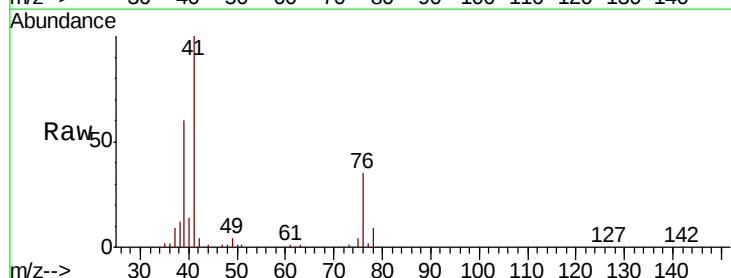
Tgt Ion: 41 Resp: 115816

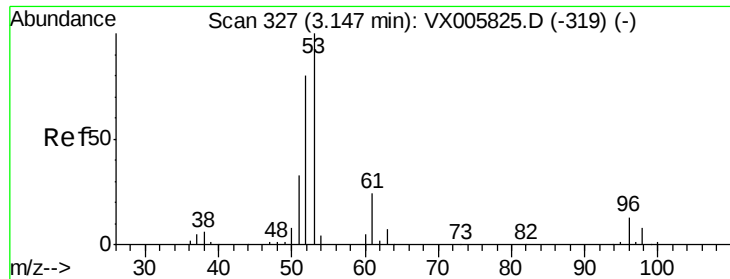
Ion Ratio Lower Upper

41 100

39 58.9 48.2 72.4

76 29.6 21.9 32.9





#15

Acrylonitrile

Concen: 250.879 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

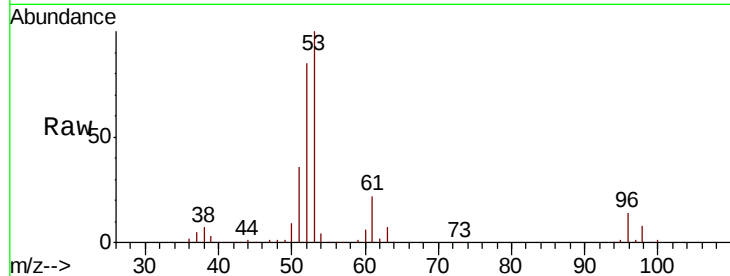
Tot Ion: 53 Resp: 209386

Ion Ratio Lower Upper

53 100

52 84.2 66.6 99.8

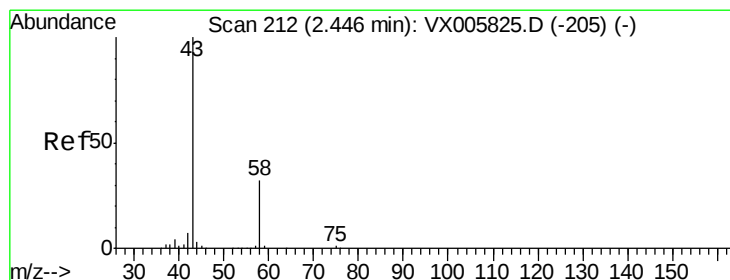
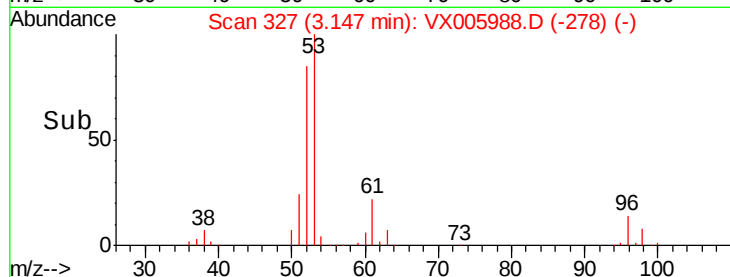
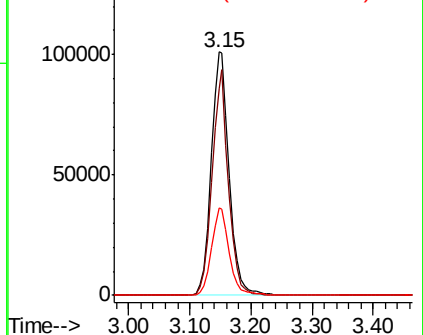
51 35.5 28.4 42.6



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: 240.375 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005988.D

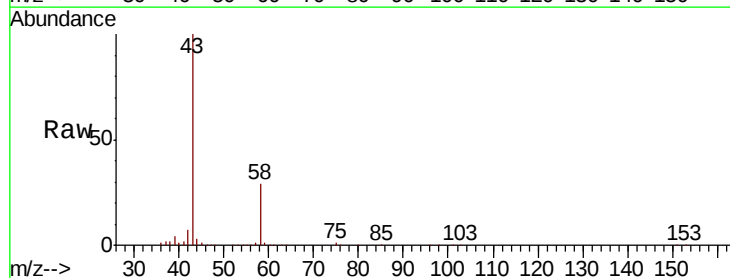
Acq: 14 Nov 2018 21:28

Tgt Ion: 43 Resp: 181952

Ion Ratio Lower Upper

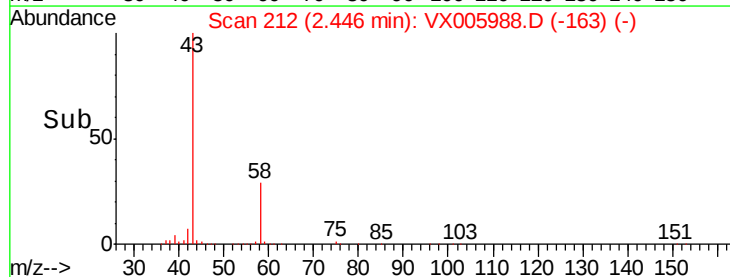
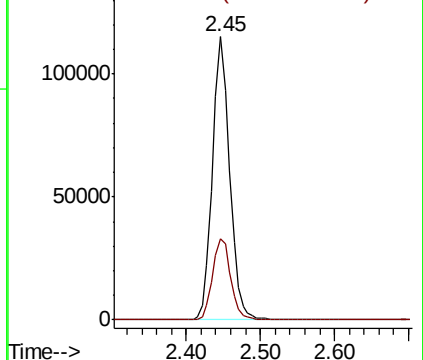
43 100

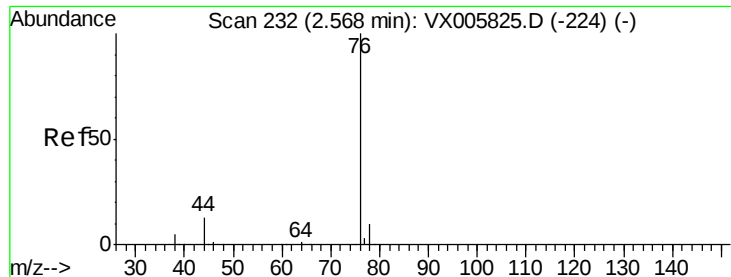
58 28.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

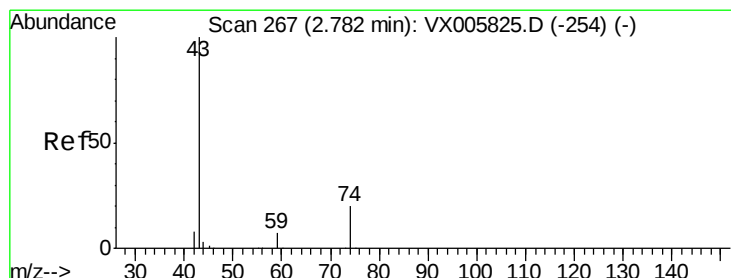
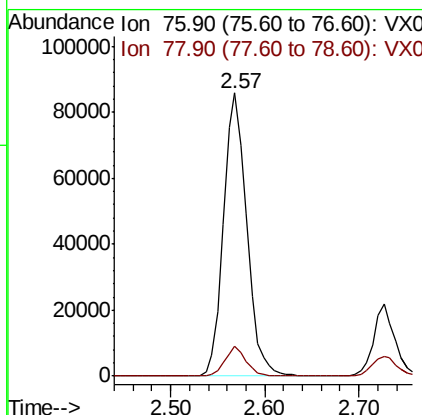
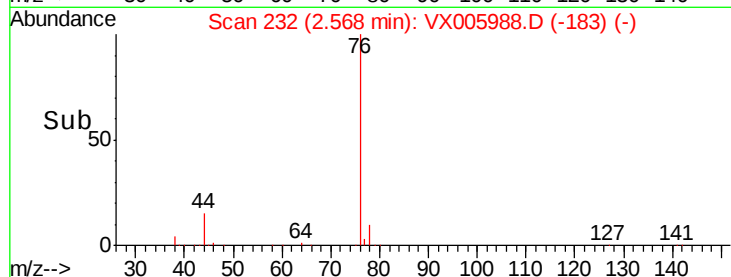
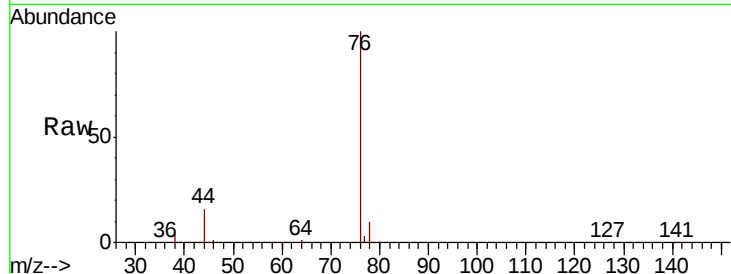




#17
Carbon Disulfide
Concen: 45.629 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

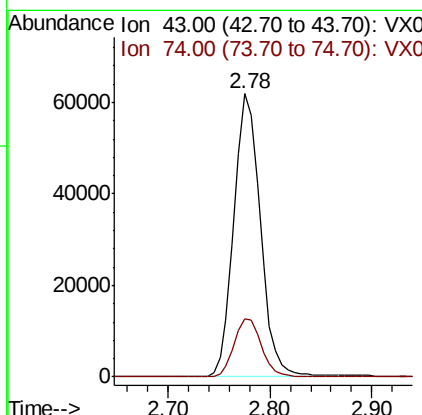
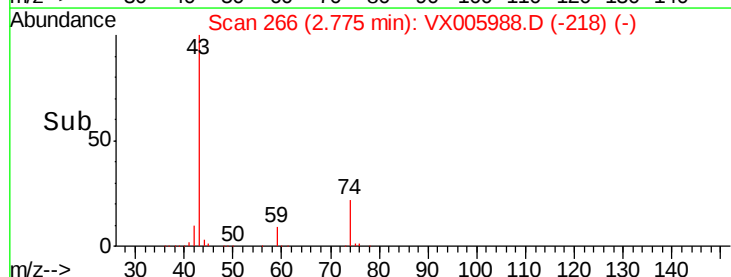
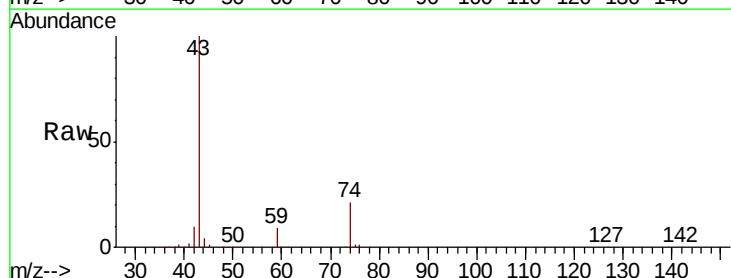
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

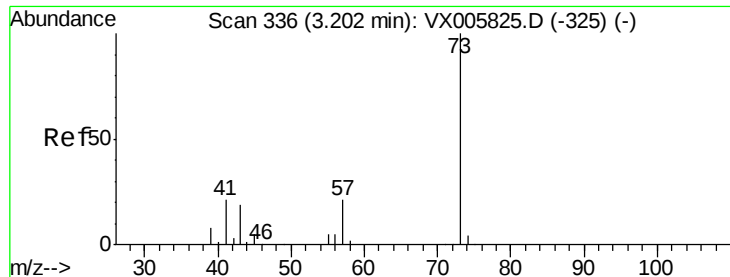
Tot Ion: 76 Resp: 147112
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 55.076 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 43 Resp: 111418
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2



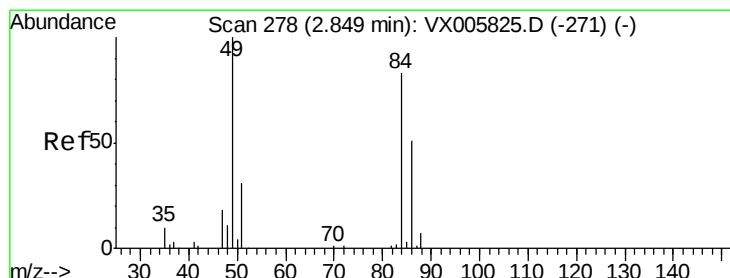
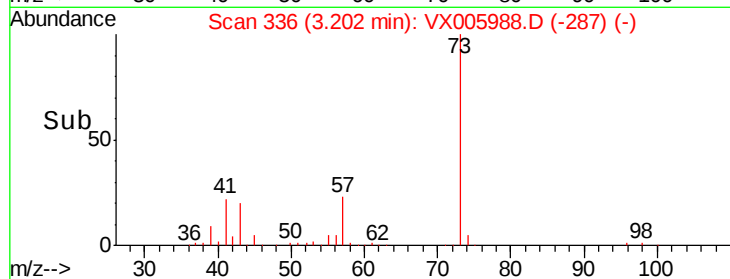
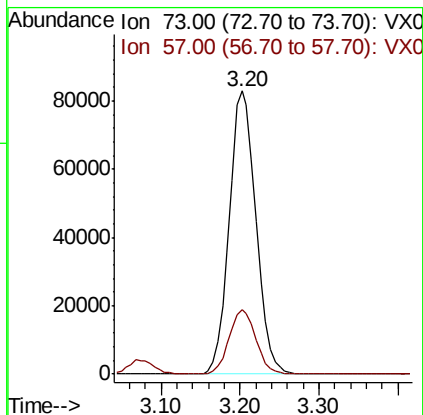
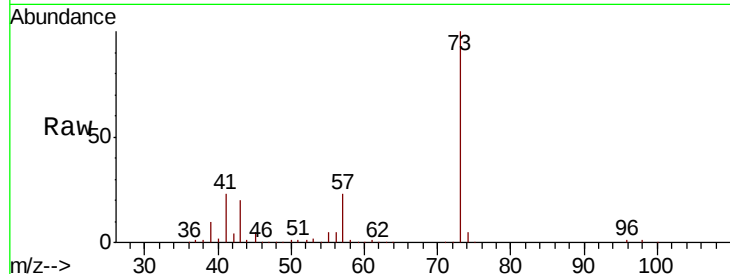


#19

Methyl tert-butyl Ether
 Concen: 52.802 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

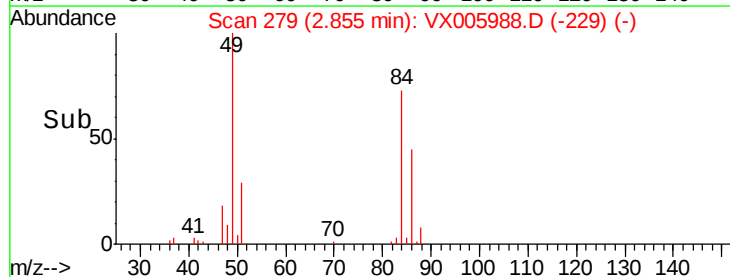
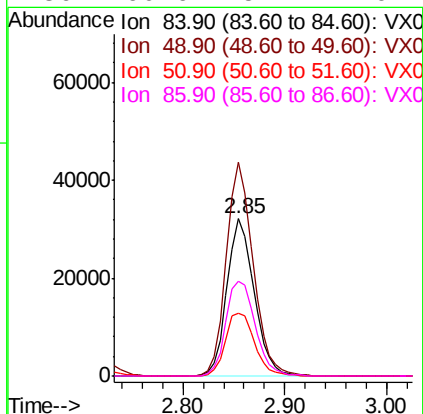
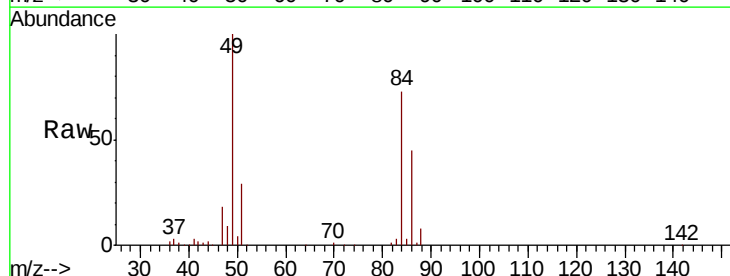
Tot Ion: 73 Resp: 194795
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.8 28.2

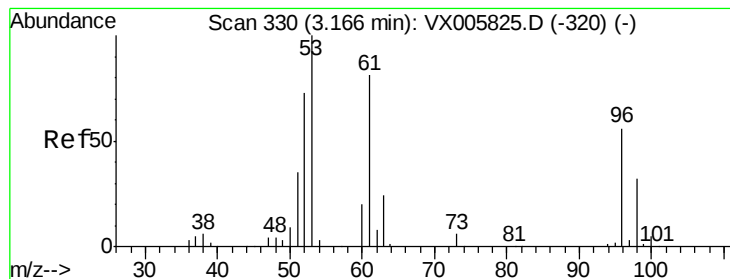


#20

Methylene Chloride
 Concen: 48.018 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 84 Resp: 59706
 Ion Ratio Lower Upper
 84 100
 49 136.1 109.5 164.3
 51 40.0 33.3 49.9
 86 60.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.175 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

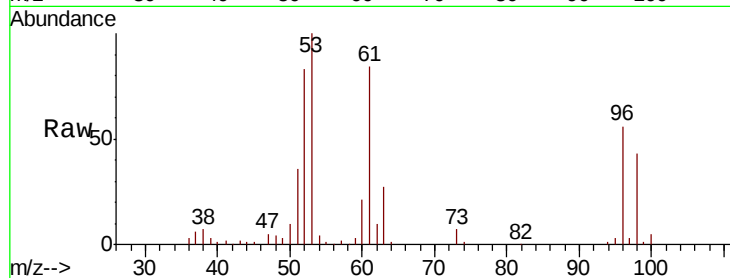
Tot Ion: 96 Resp: 54923

Ion Ratio Lower Upper

96 100

61 151.0 115.6 173.4

98 76.4 50.2 75.2#

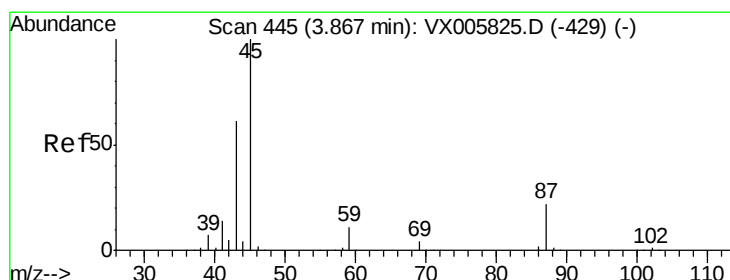
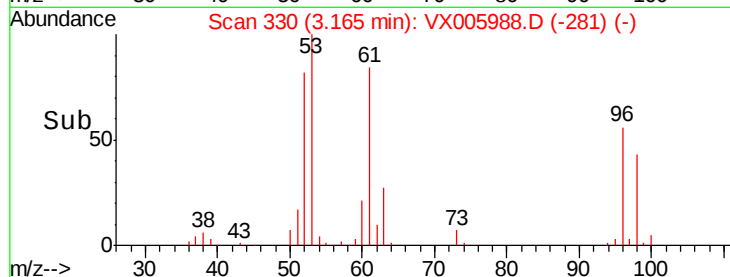
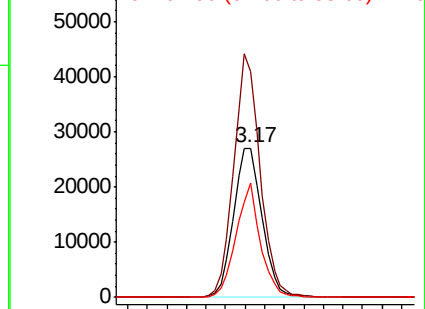


Abundance

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



#22

Diisopropyl ether

Concen: 51.612 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Tgt Ion: 45 Resp: 218263

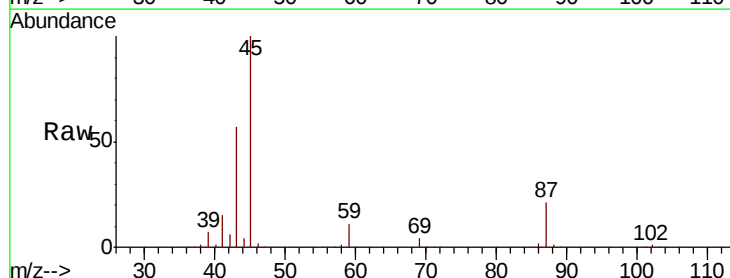
Ion Ratio Lower Upper

45 100

43 56.7 47.4 71.2

87 21.1 15.9 23.9

59 10.8 7.7 11.5



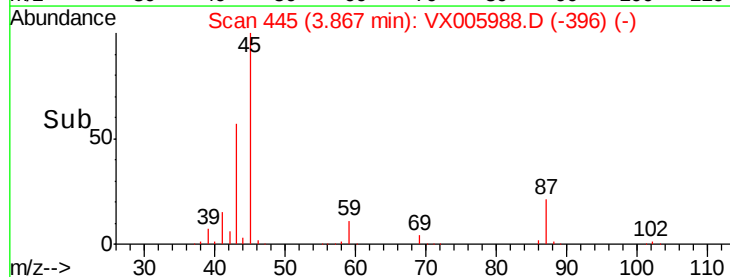
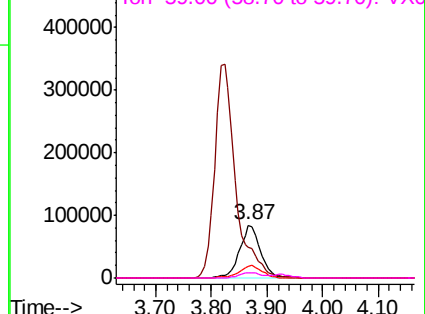
Abundance

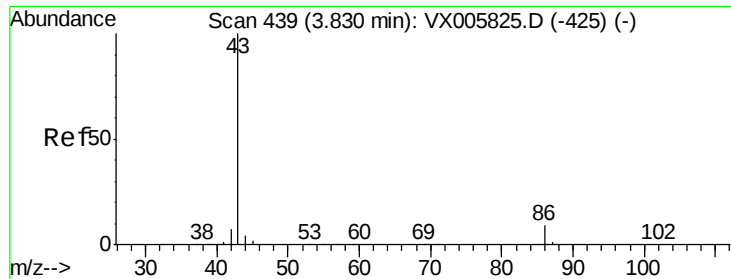
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.239 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

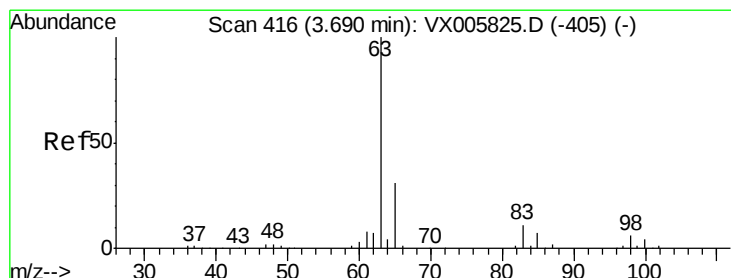
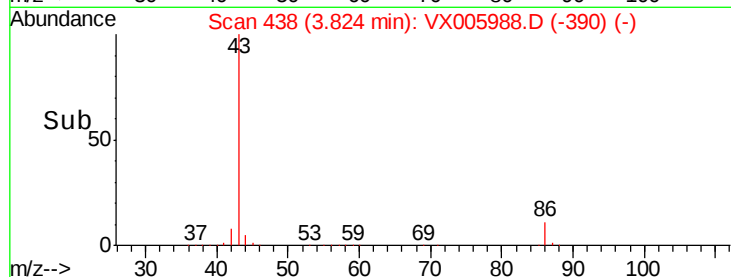
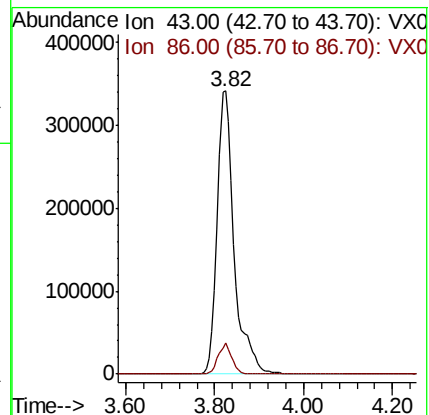
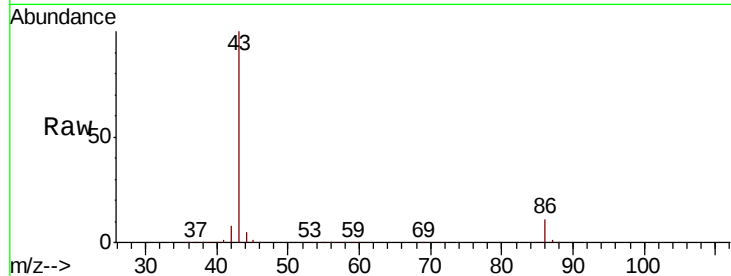
VSTDCCC050EC

Tot Ion: 43 Resp: 896473

Ion Ratio Lower Upper

43 100

86 11.1 7.4 11.2



#24

1,1-Dichloroethane

Concen: 50.180 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

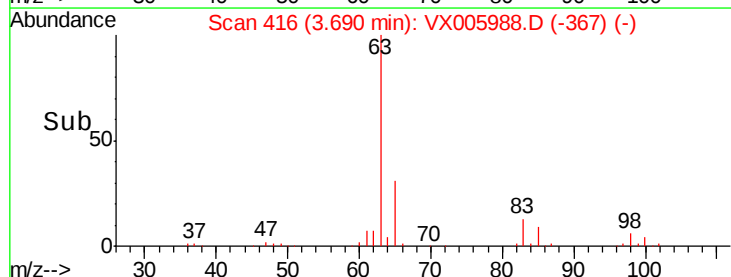
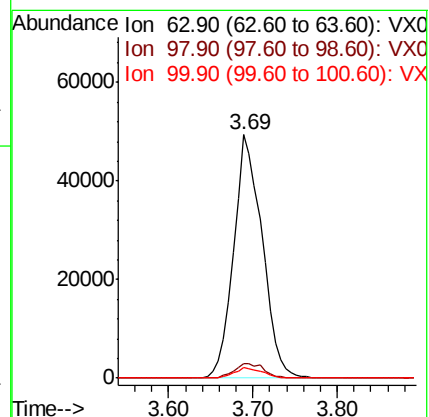
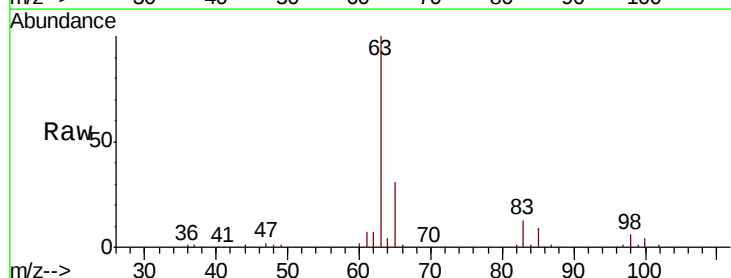
Tgt Ion: 63 Resp: 113217

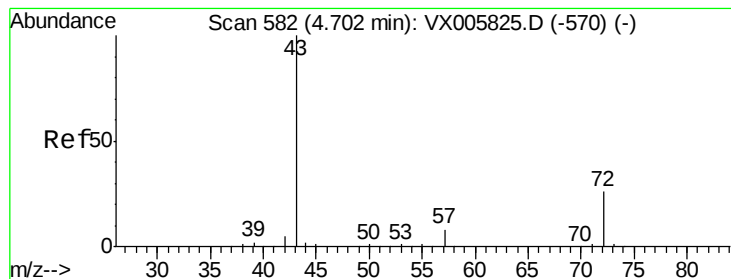
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 252.458 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

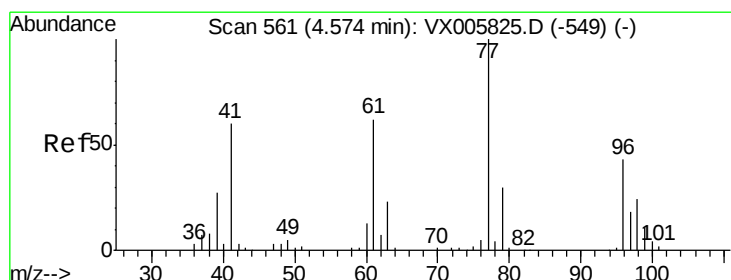
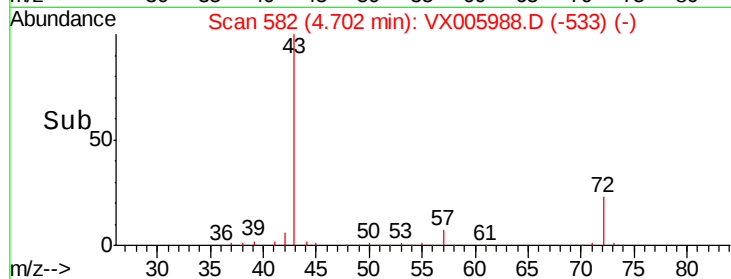
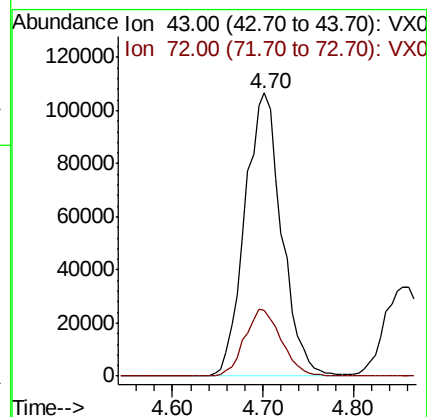
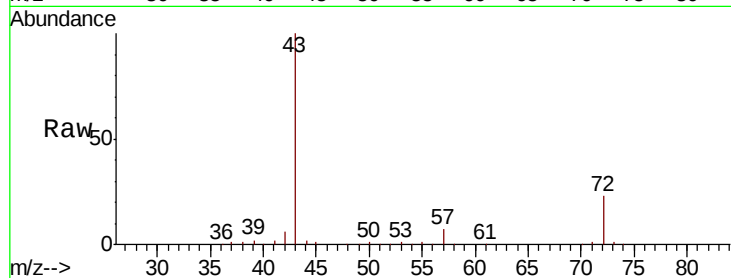
VSTDCCC050EC

Tot Ion: 43 Resp: 300437

Ion Ratio Lower Upper

43 100

72 23.1 19.2 28.8



#26

2,2-Dichloropropane

Concen: 46.531 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005988.D

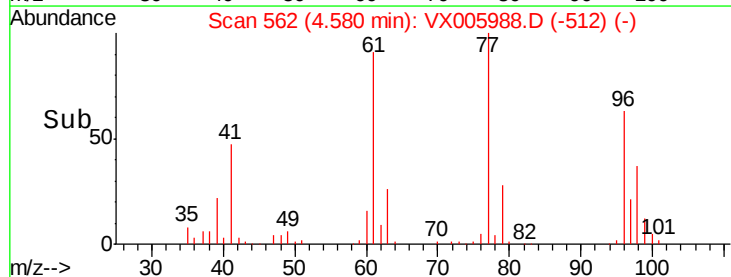
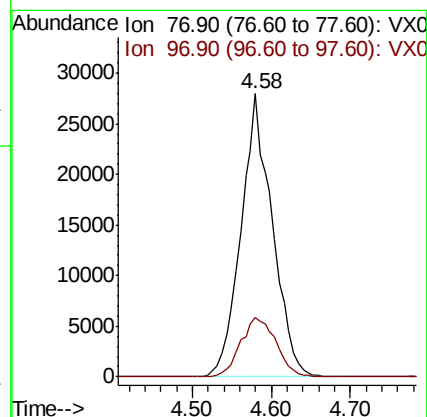
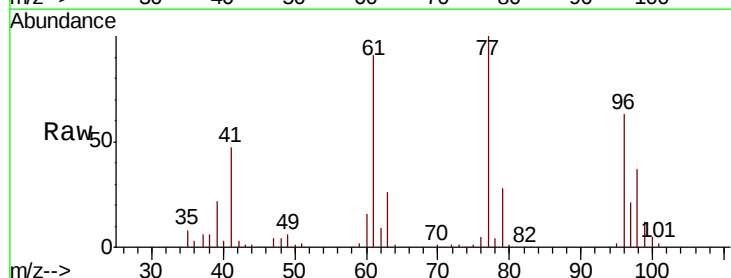
Acq: 14 Nov 2018 21:28

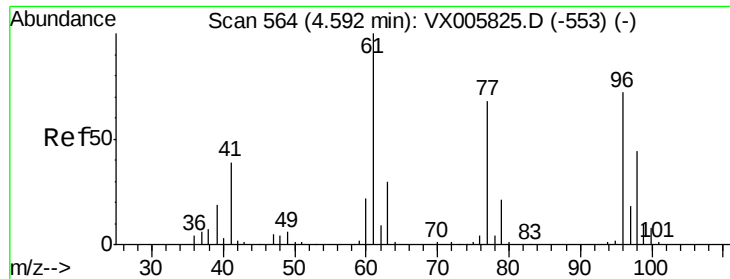
Tgt Ion: 77 Resp: 77010

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5

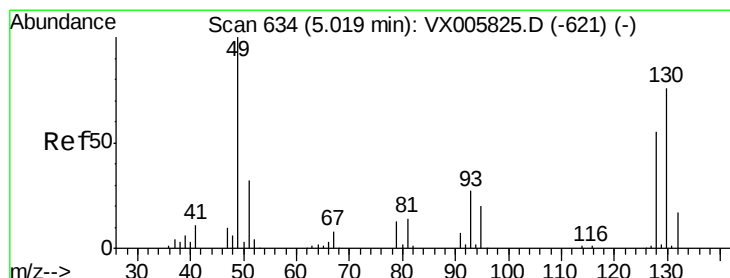
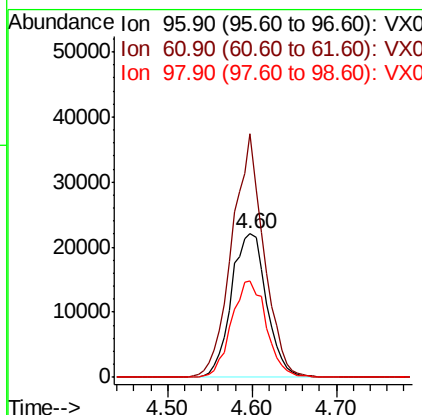
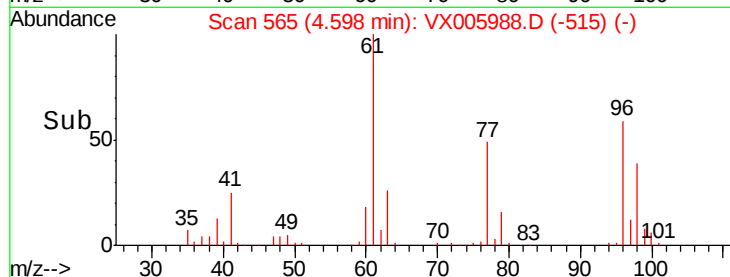
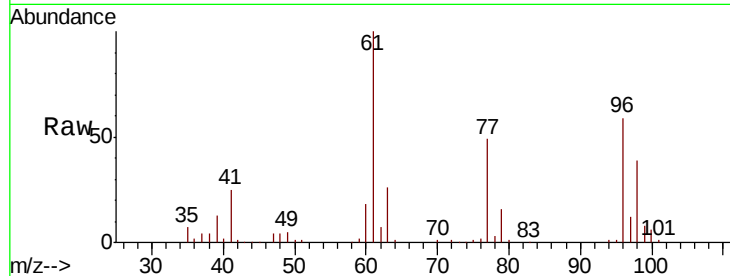




#27
 cis-1,2-Dichloroethene
 Concen: 49.516 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

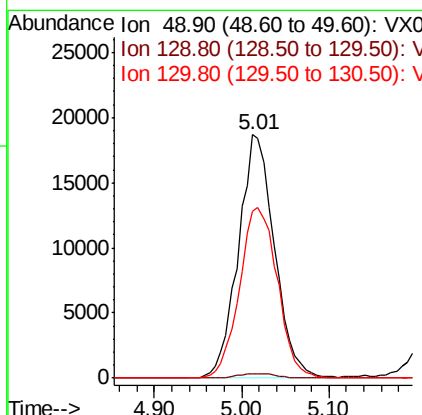
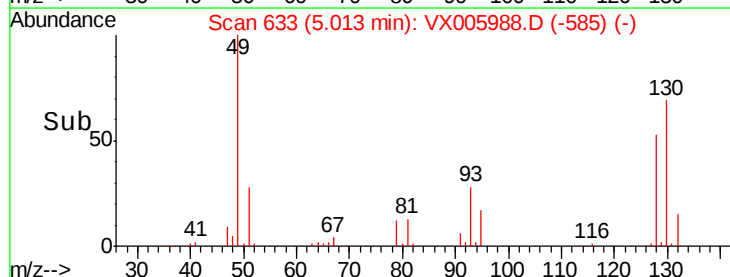
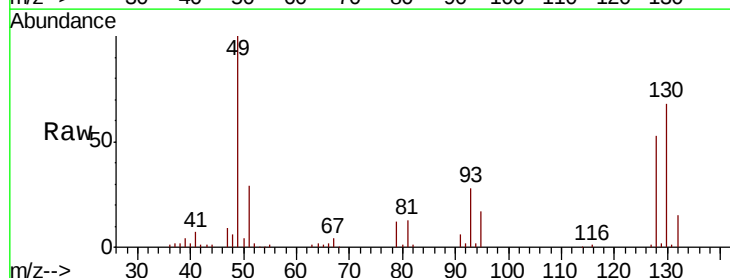
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

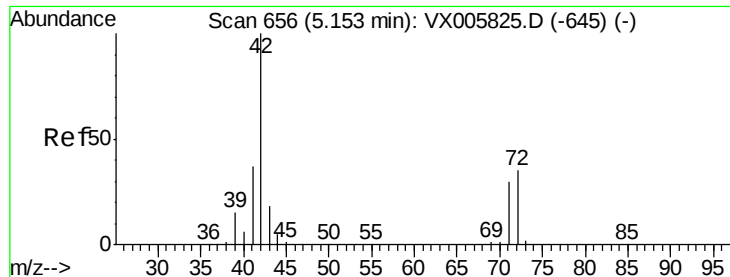
Tot Ion: 96 Resp: 62334
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 304.6
 98 66.4 0.0 127.4



#28
 Bromochloromethane
 Concen: 53.159 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 49 Resp: 53602
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 73.6 58.9 88.3

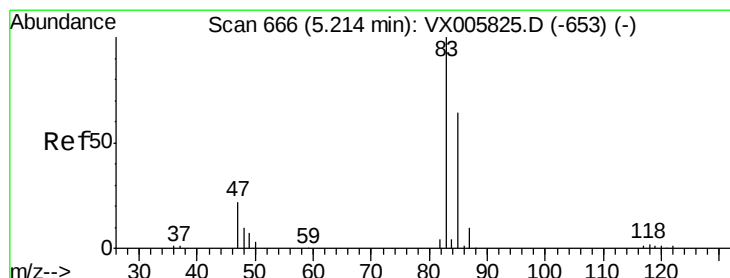
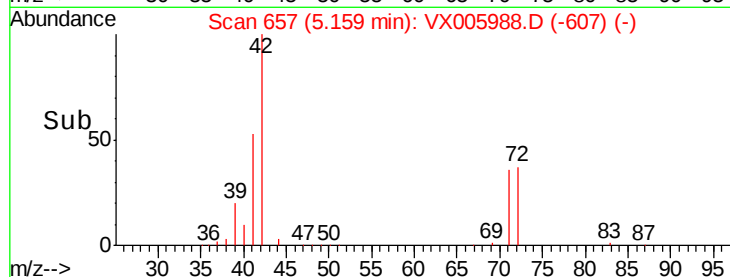
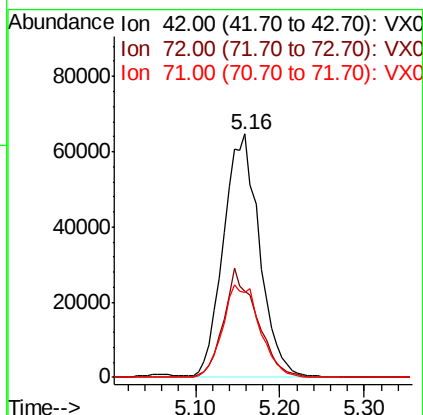
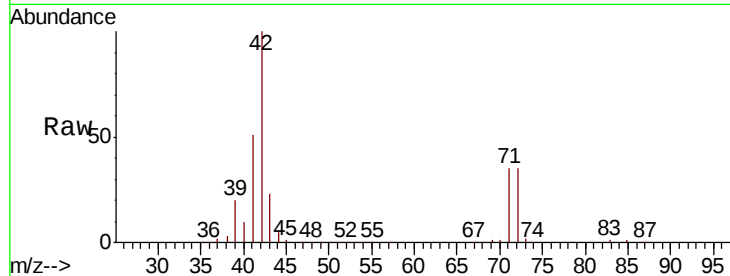




#29
Tetrahydrofuran
Concen: 246.212 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

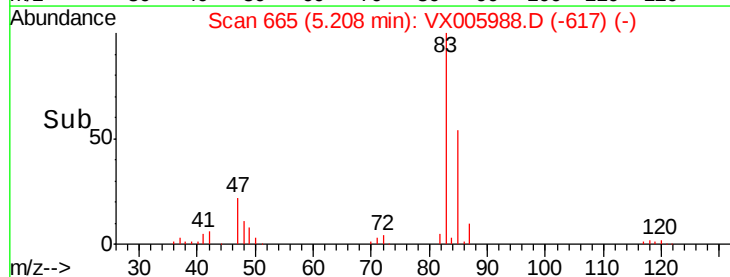
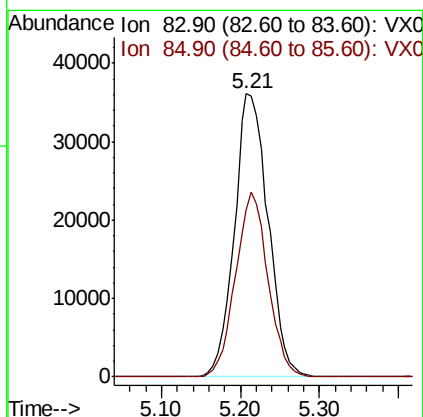
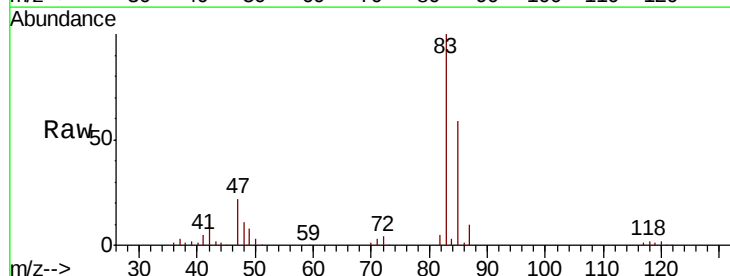
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

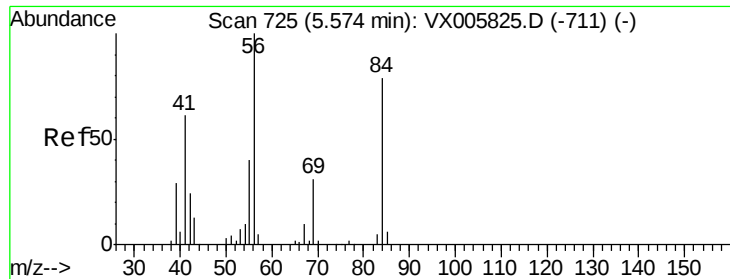
Tot Ion: 42 Resp: 188130
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 39.2 29.8 44.8



#30
Chloroform
Concen: 49.199 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 83 Resp: 107092
Ion Ratio Lower Upper
83 100
85 58.8 50.6 76.0

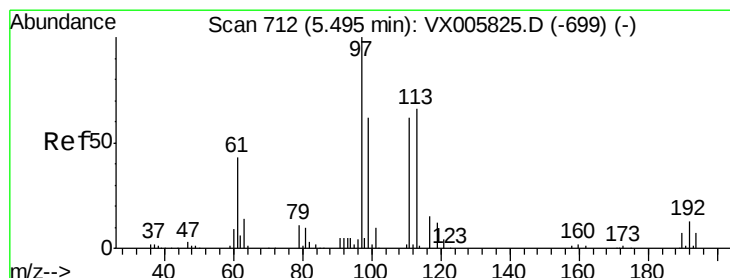
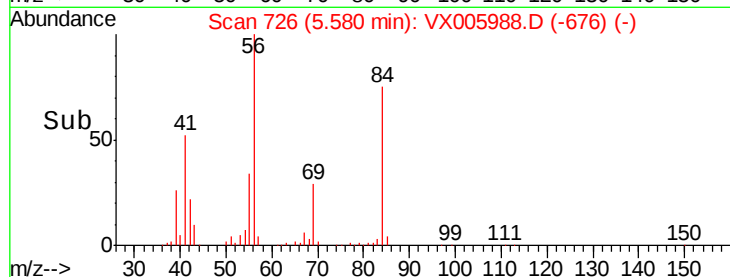
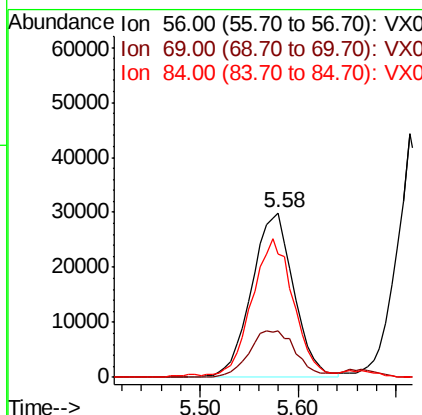
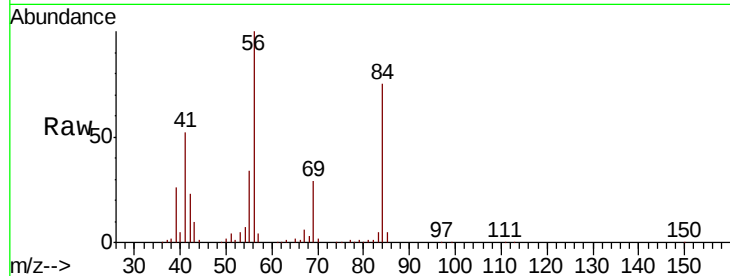




#31
Cyclohexane
Concen: 45.874 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

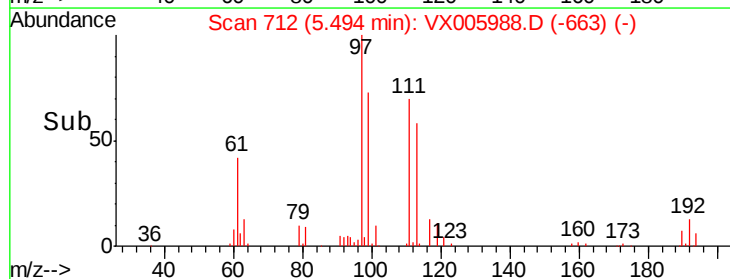
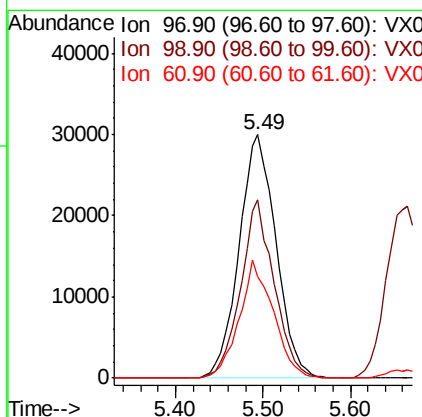
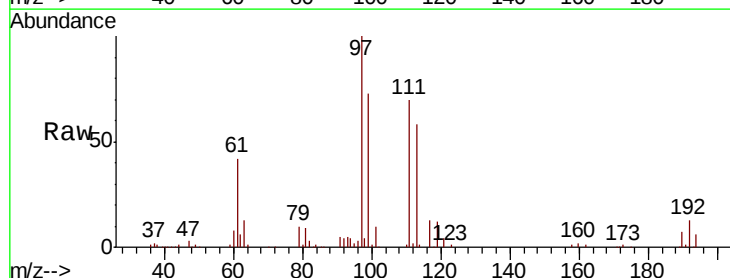
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 89843
Ion Ratio Lower Upper
56 100
69 28.5 22.6 34.0
84 73.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 48.448 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 97 Resp: 87963
Ion Ratio Lower Upper
97 100
99 66.3 52.3 78.5
61 44.7 35.2 52.8

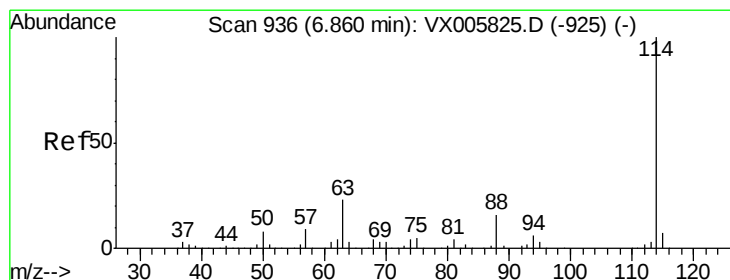
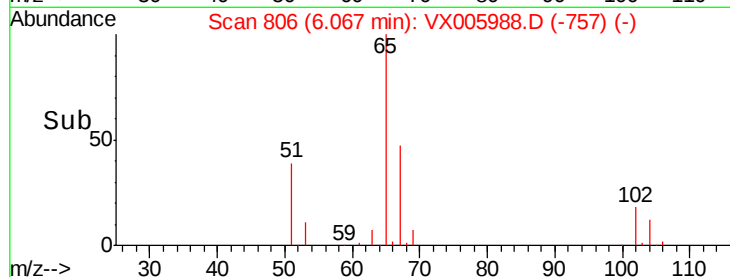
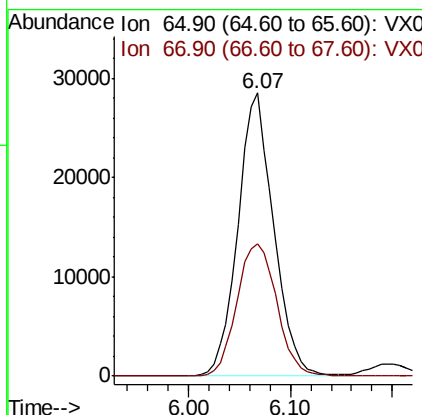
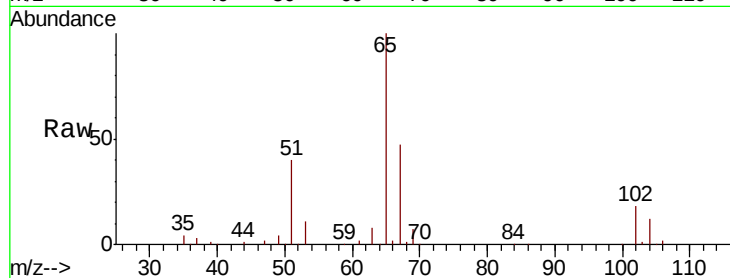




#33
 1,2-Dichloroethane-d4
 Concen: 49.449 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

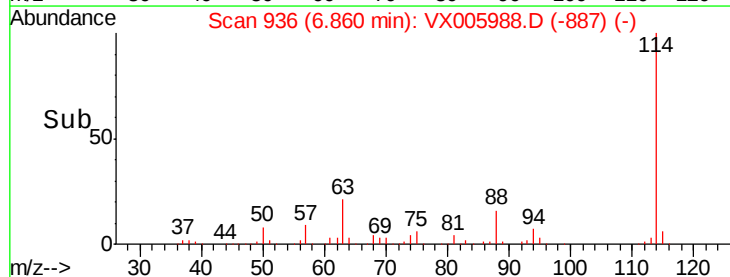
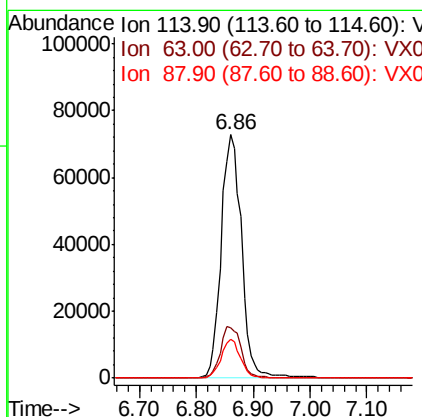
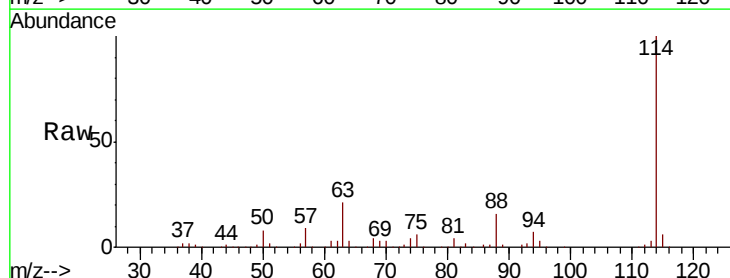
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

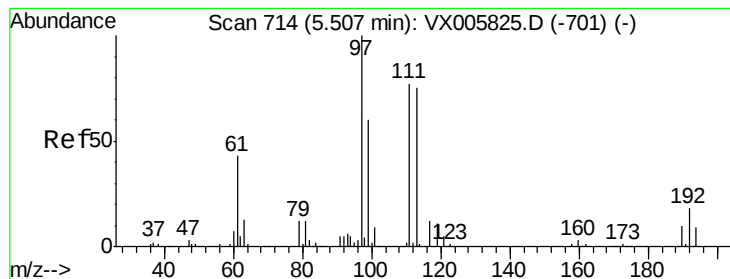
Tot Ion: 65 Resp: 69518
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 114 Resp: 182051
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.652 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

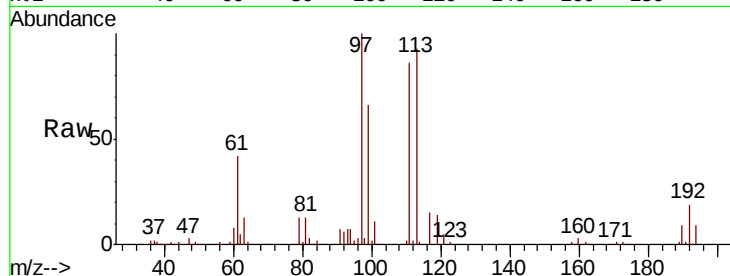
Tot Ion:113 Resp: 56527

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

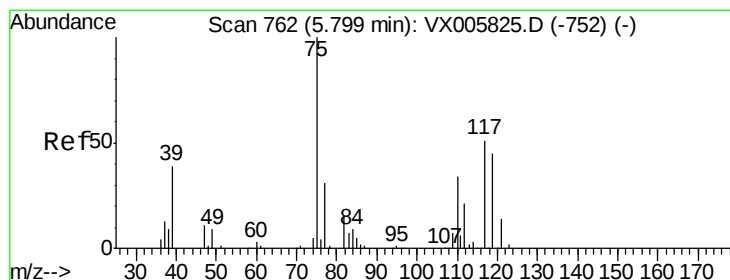
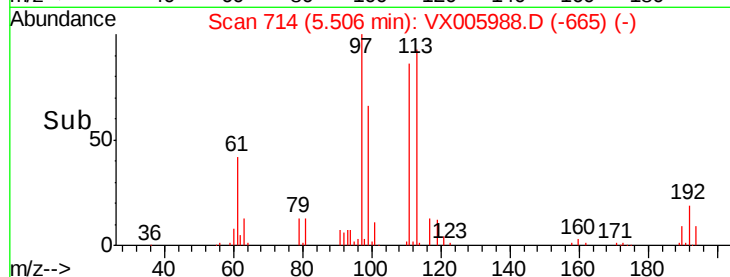
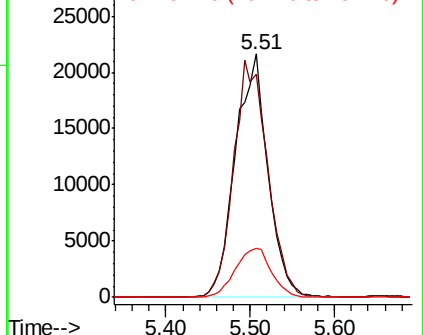
192 22.2 17.9 26.9



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: 43.555 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

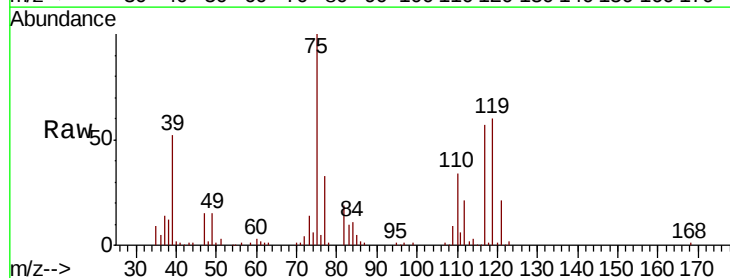
Tgt Ion: 75 Resp: 76439

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.2

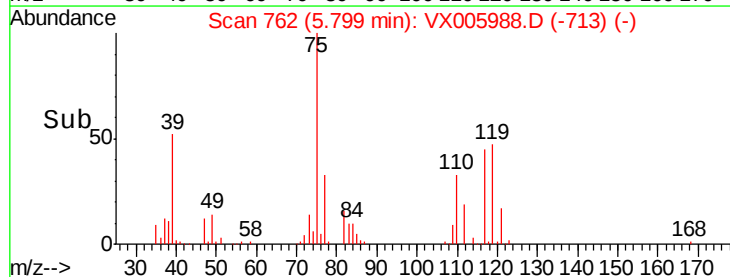
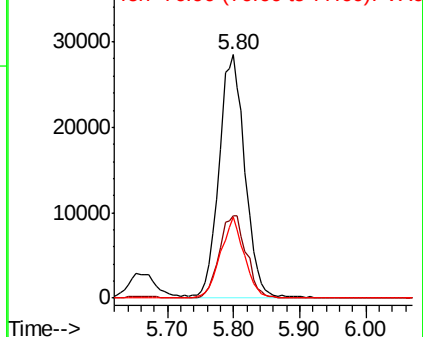
77 30.4 25.8 38.6

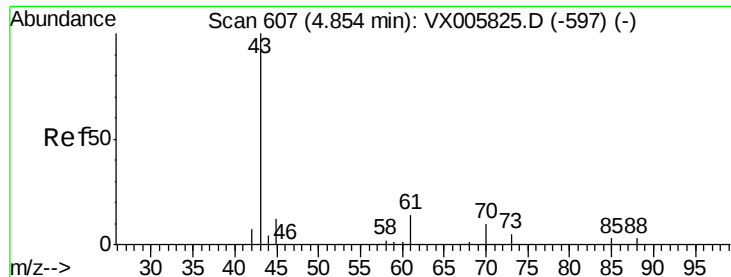


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

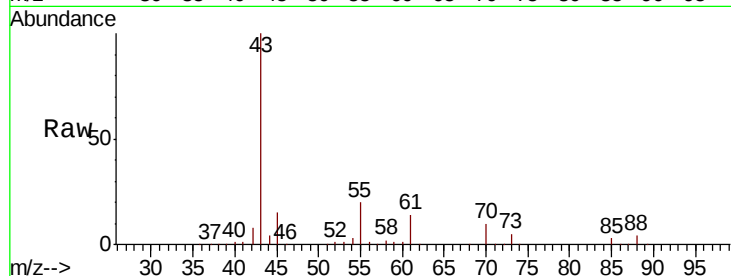




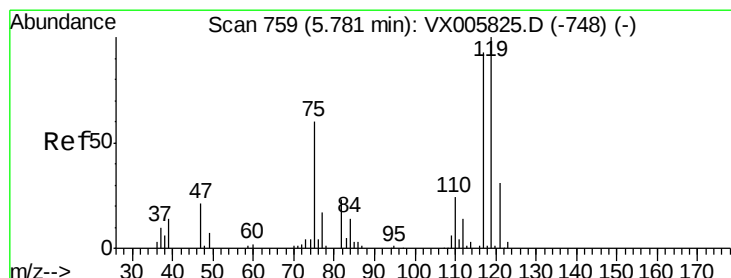
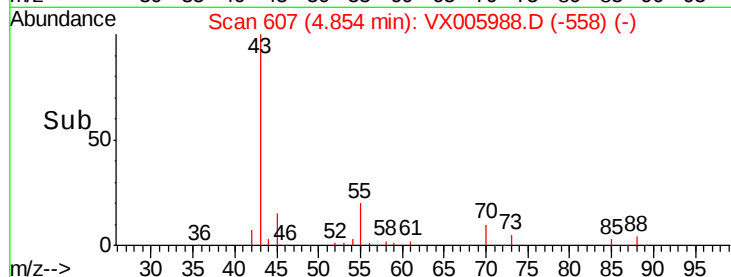
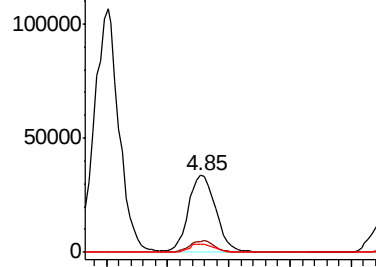
#37
Ethyl Acetate
Concen: 45.987 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 106133
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 10.2 7.8 11.8

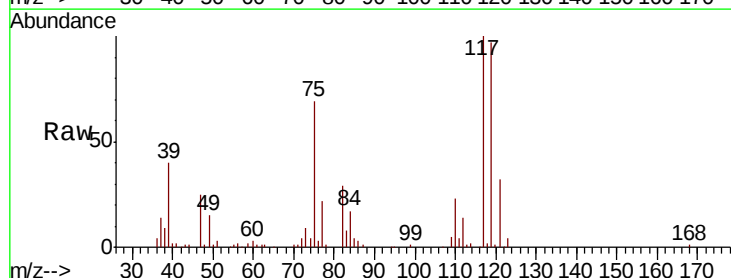


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

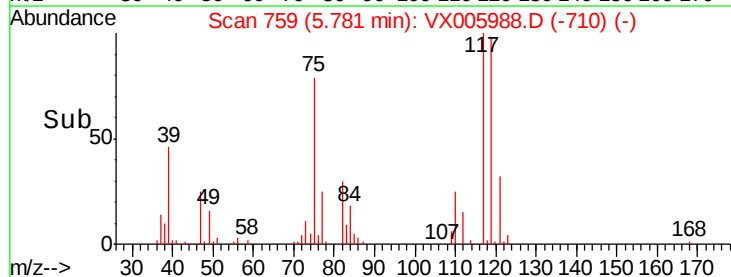
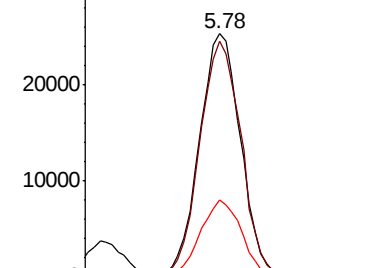


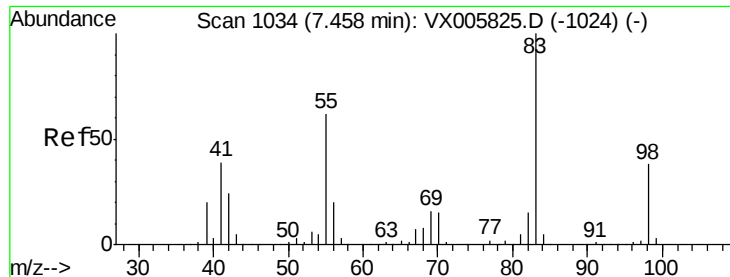
#38
Carbon Tetrachloride
Concen: 42.356 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 117 Resp: 74419
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
121 31.8 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

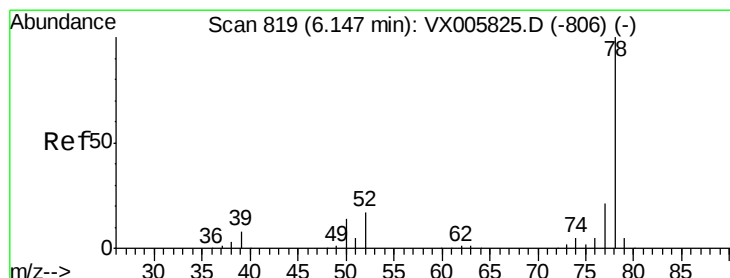
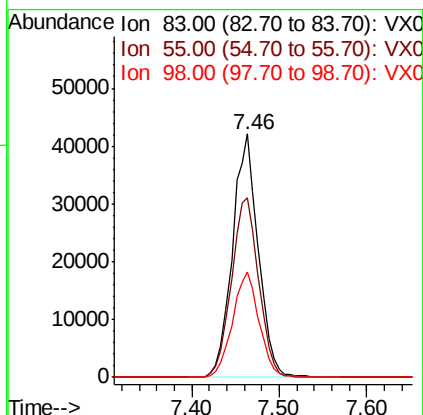
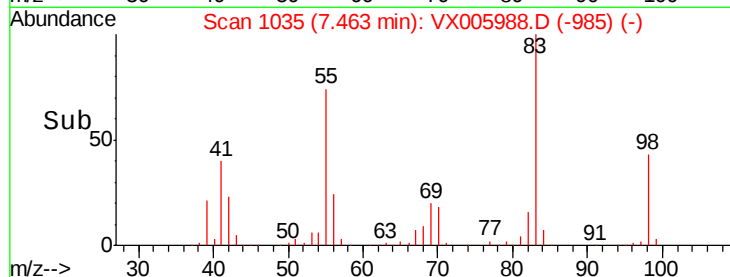
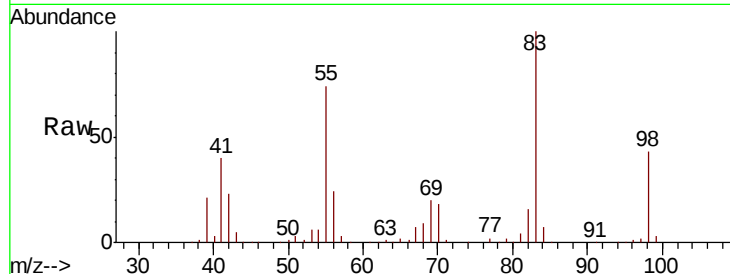




#39
Methvlcvclohexane
Concen: 48.548 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

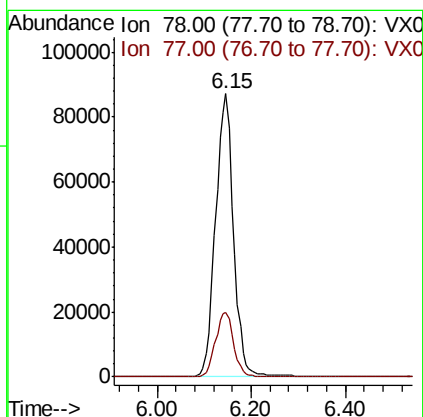
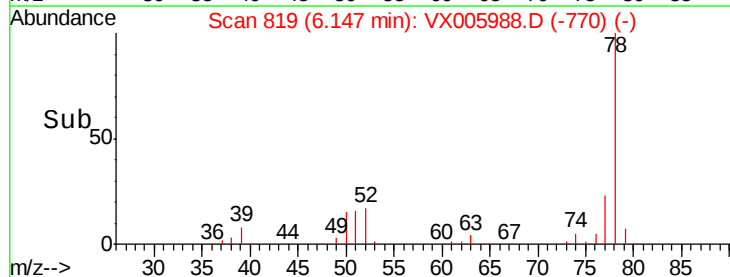
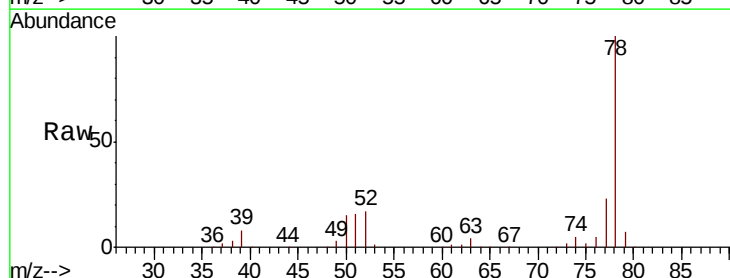
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

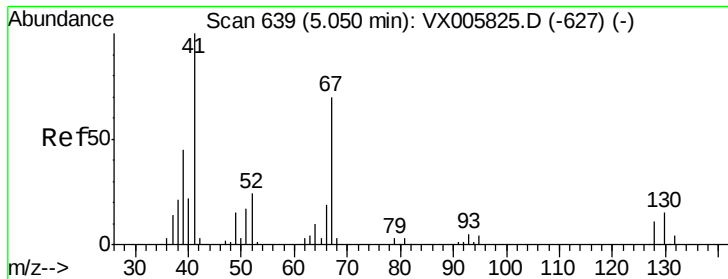
Tot Ion: 83 Resp: 86355
Ion Ratio Lower Upper
83 100
55 73.5 63.7 95.5
98 43.2 36.2 54.2



#40
Benzene
Concen: 44.917 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 78 Resp: 229808
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6





#41

Methacrylonitrile

Concen: 47.234 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 58904

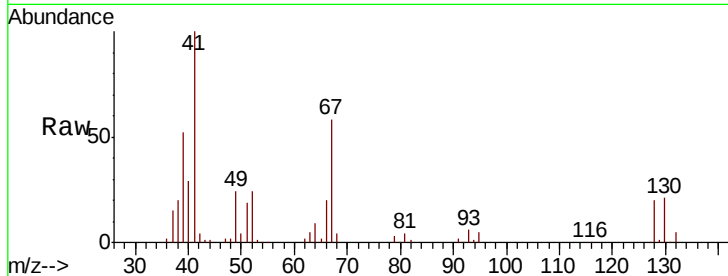
Ion Ratio Lower Upper

41 100

39 52.3 42.2 63.2

67 65.2 53.4 80.0

52 27.6 23.4 35.2

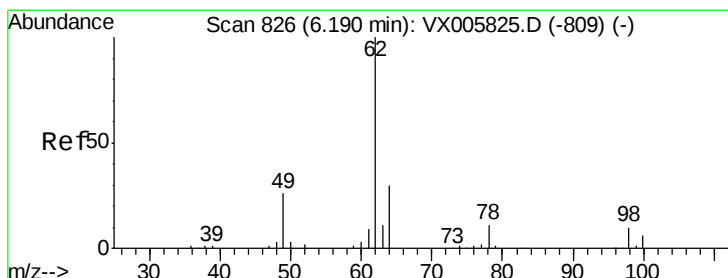
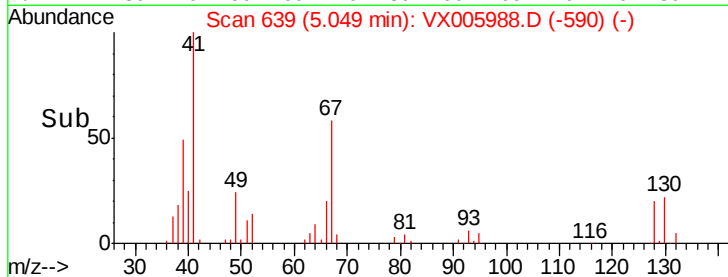
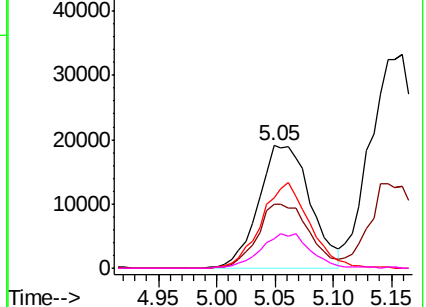


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 43.945 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX005988.D

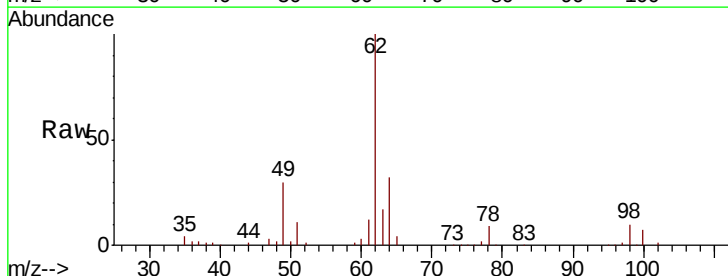
Acq: 14 Nov 2018 21:28

Tgt Ion: 62 Resp: 80530

Ion Ratio Lower Upper

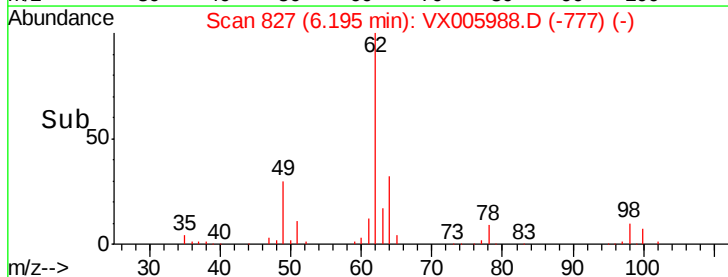
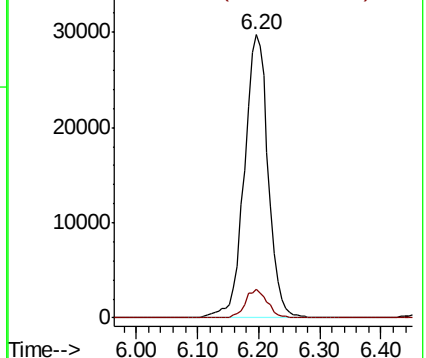
62 100

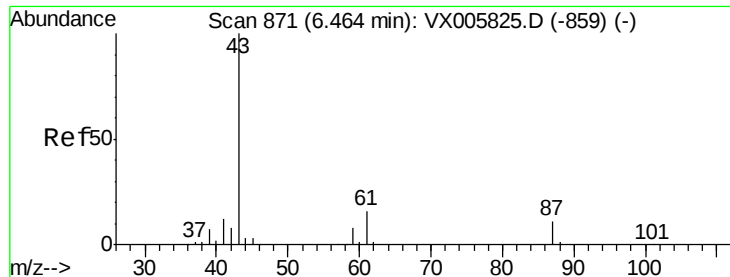
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.535 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

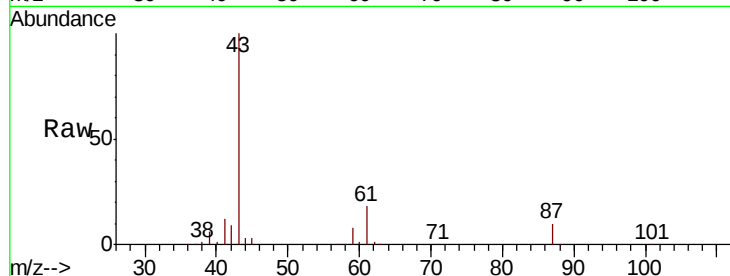
Tot Ion: 43 Resp: 158964

Ion Ratio Lower Upper

43 100

61 19.7 14.6 22.0

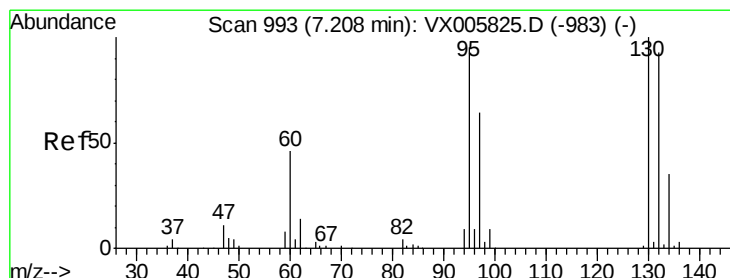
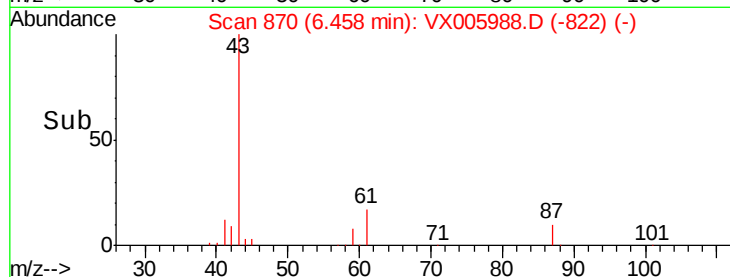
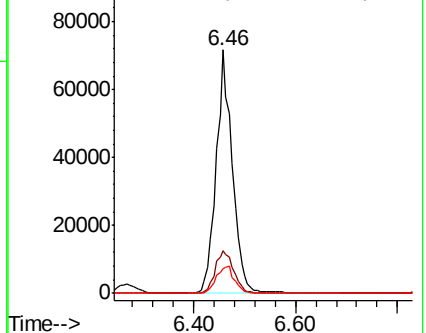
87 12.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX005825.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX005825.D (-859) (-)



#44

Trichloroethene

Concen: 45.214 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005988.D

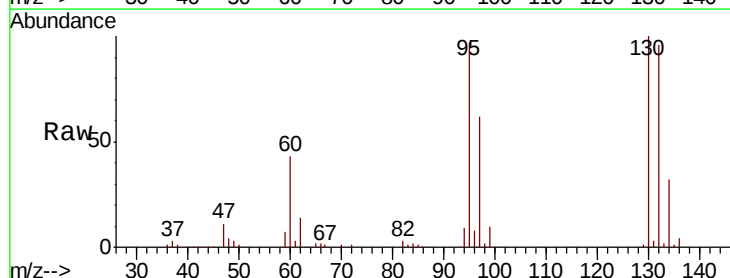
Acq: 14 Nov 2018 21:28

Tgt Ion:130 Resp: 58747

Ion Ratio Lower Upper

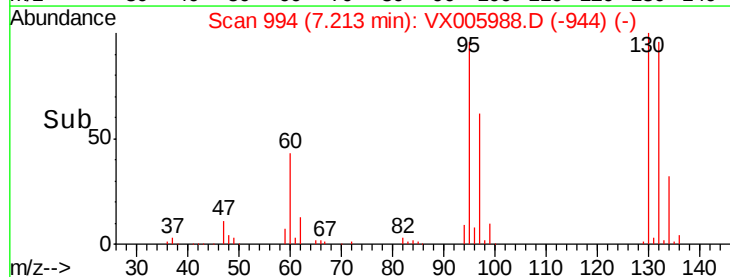
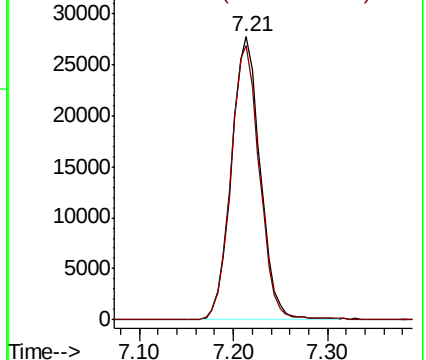
130 100

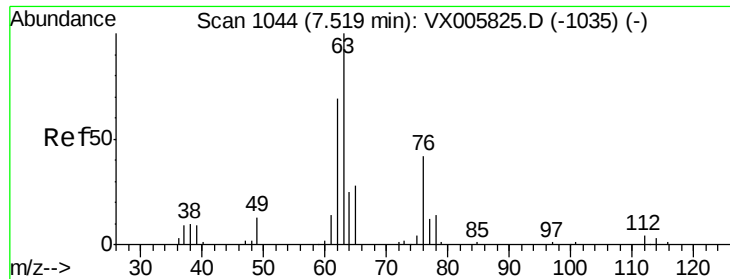
95 96.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005825.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX005825.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 48.771 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

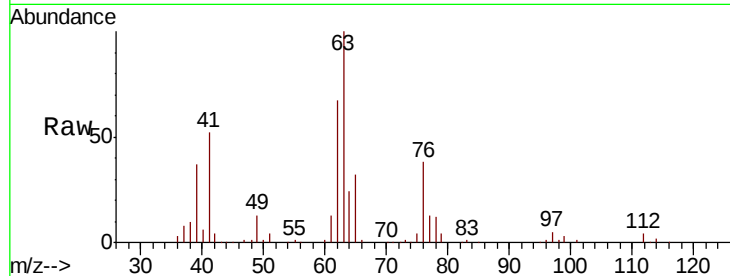
VSTDCCC050EC

Tot Ion: 63 Resp: 60564

Ion Ratio Lower Upper

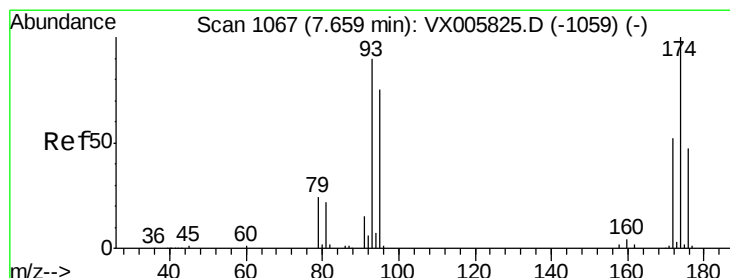
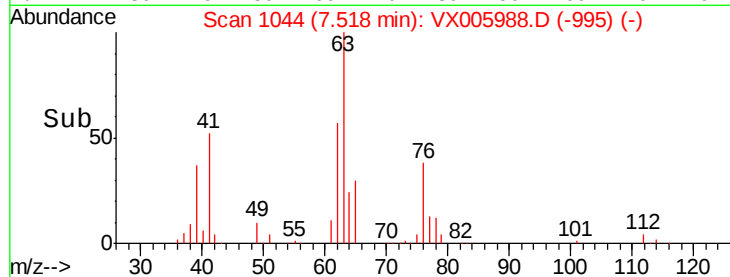
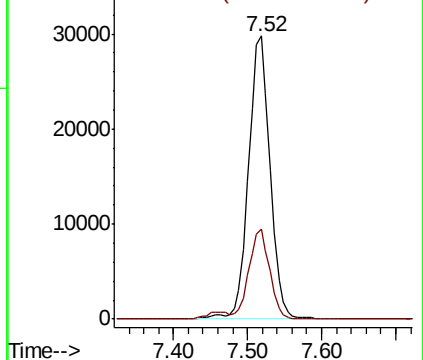
63 100

65 31.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.908 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

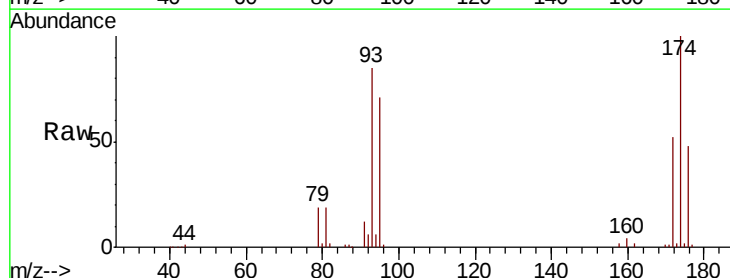
Tgt Ion: 93 Resp: 38111

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

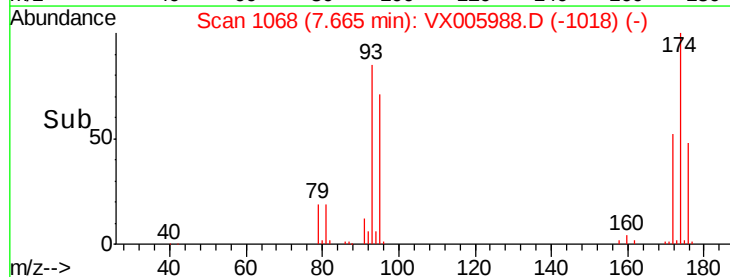
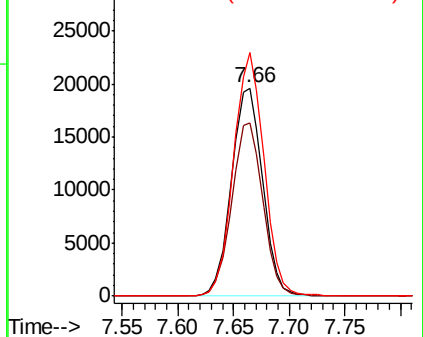
174 113.7 91.5 137.3

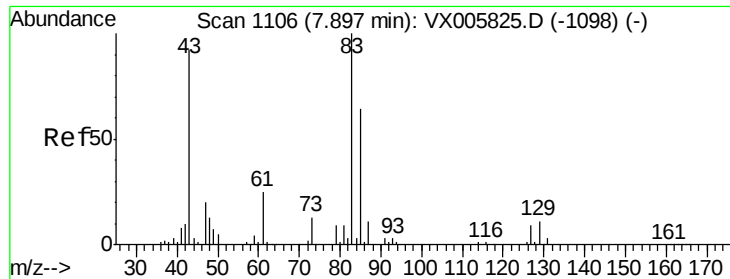


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.045 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

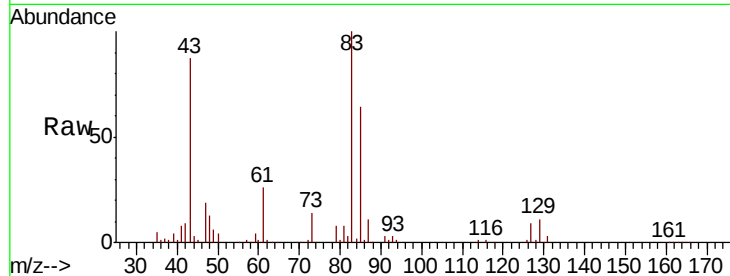
Tot Ion: 83 Resp: 73699

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.4

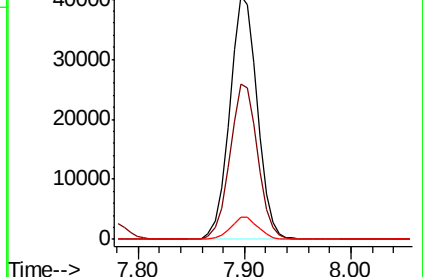
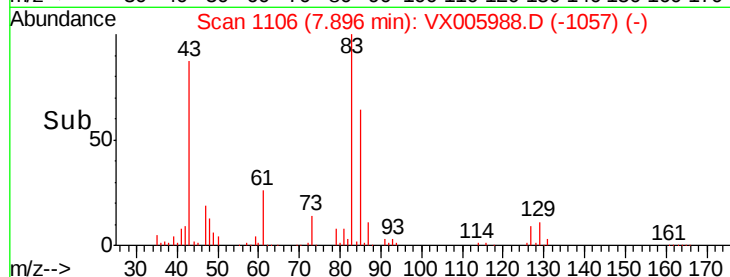
127 9.2 6.9 10.3



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: 52.083 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

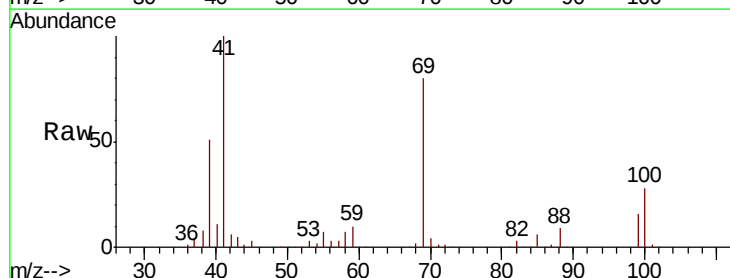
Tgt Ion: 41 Resp: 78208

Ion Ratio Lower Upper

41 100

69 79.4 63.2 94.8

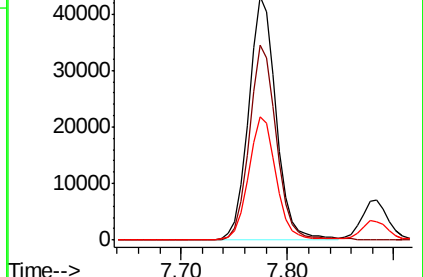
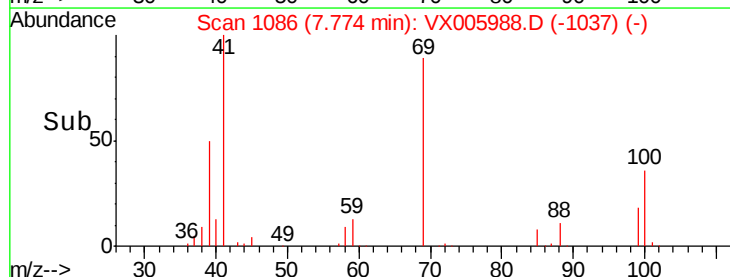
39 50.8 42.2 63.2

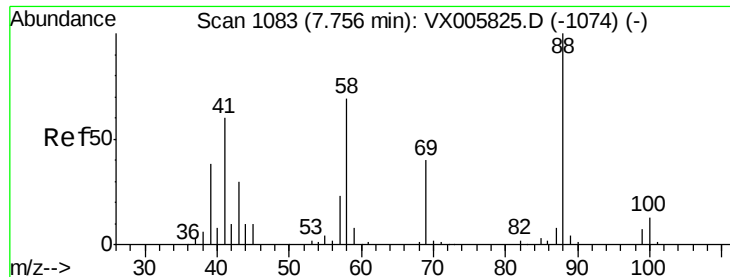


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

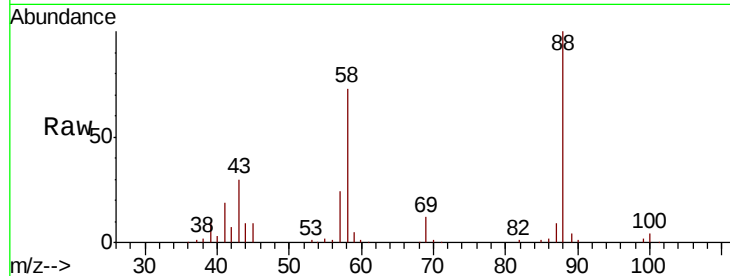




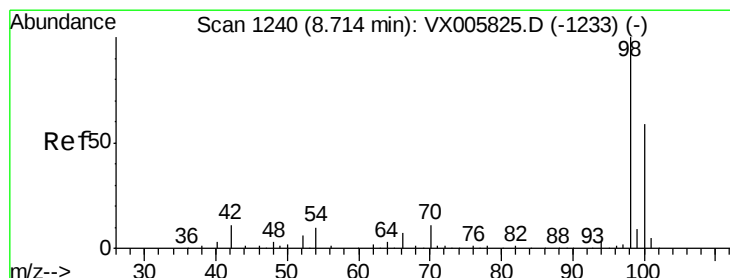
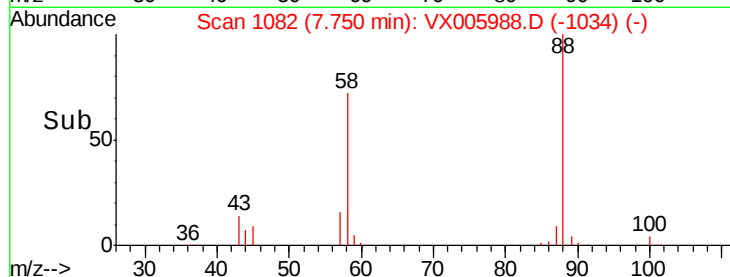
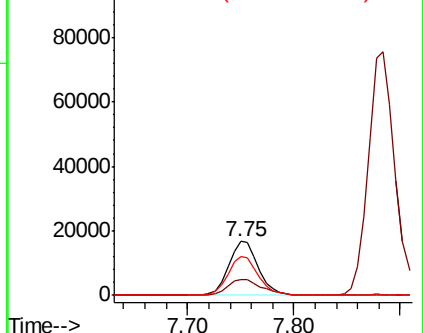
#49
1,4-Dioxane
Concen: 995.796 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 32221
Ion Ratio Lower Upper
88 100
43 33.9 27.4 41.0
58 74.2 59.4 89.2

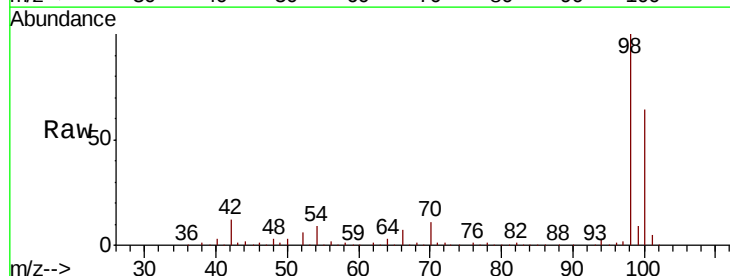


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

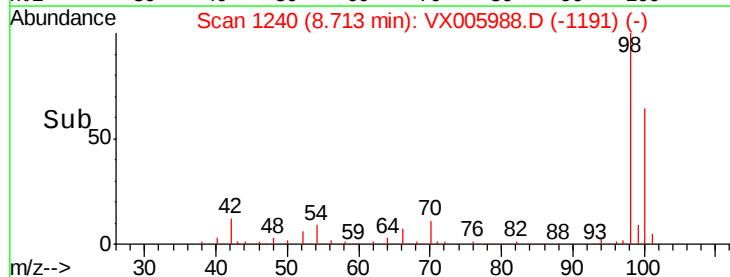
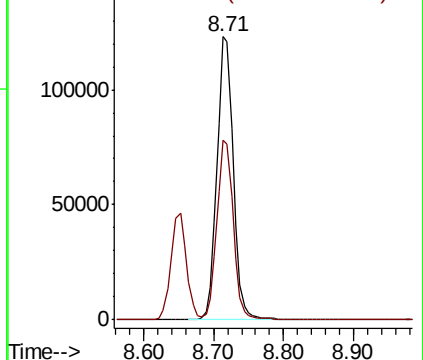


#50
Toluene-d8
Concen: 48.457 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 98 Resp: 199475
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

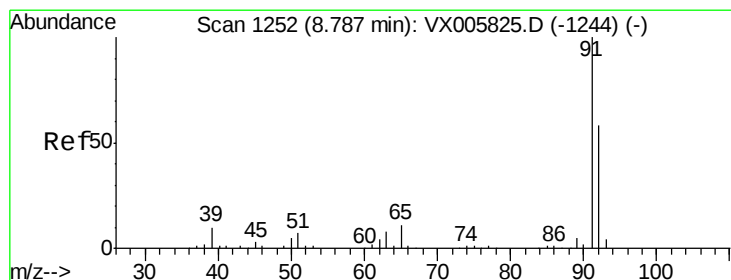
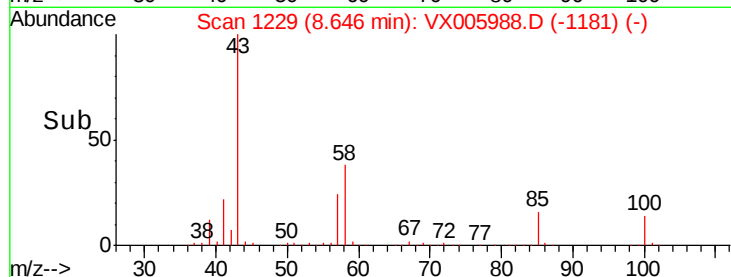
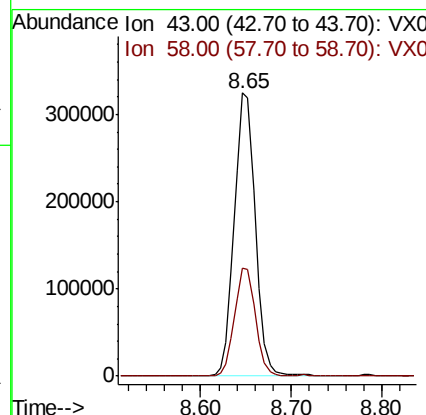
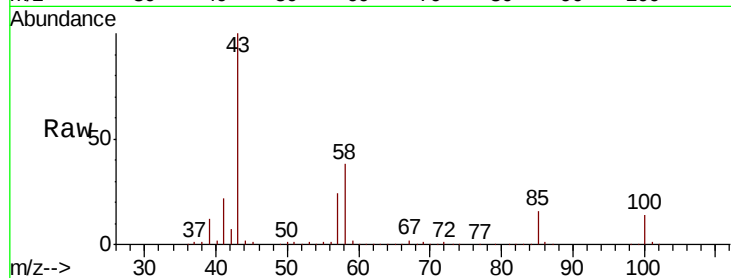




#51
4-Methyl-2-Pentanone
Concen: 248.184 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

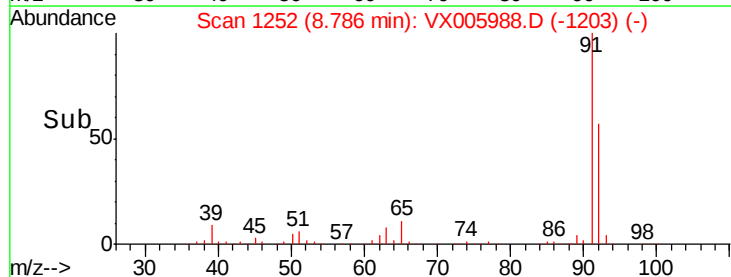
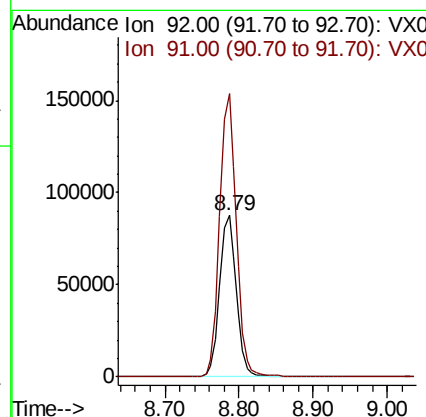
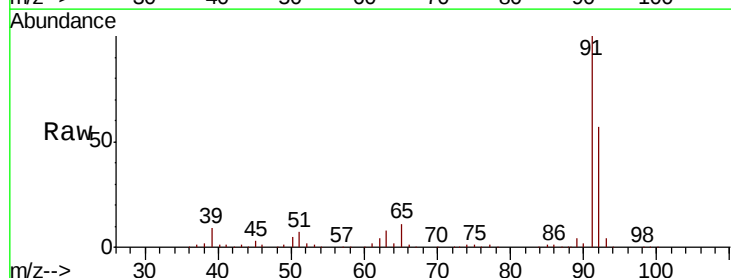
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

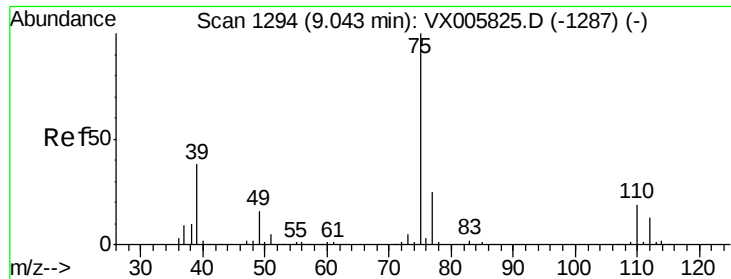
Tot Ion: 43 Resp: 523077
Ion Ratio Lower Upper
43 100
58 38.0 29.7 44.5



#52
Toluene
Concen: 47.476 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 92 Resp: 135753
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6

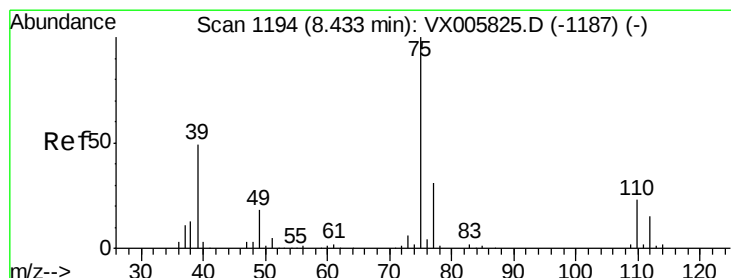
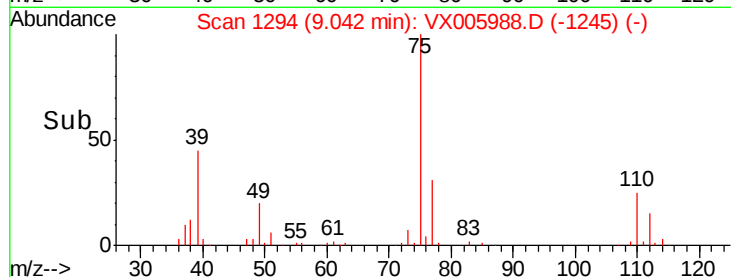
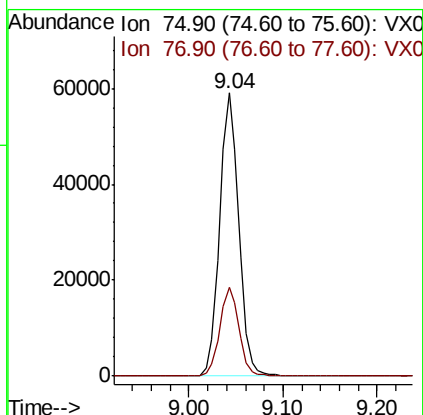
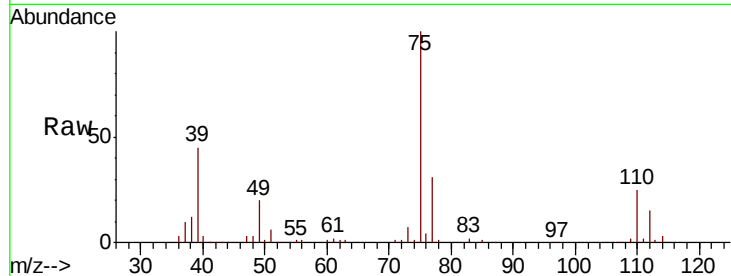




#53
t-1,3-Dichloropropene
Concen: 47.733 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

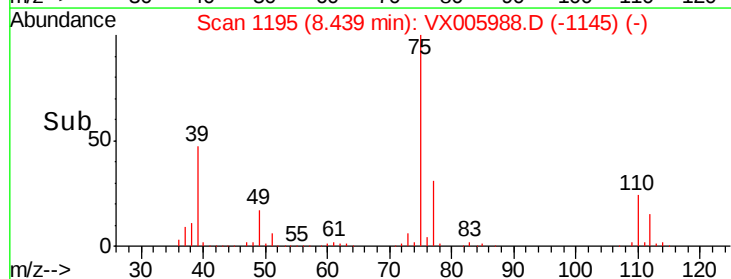
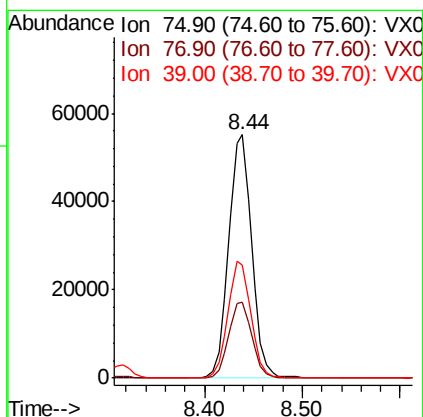
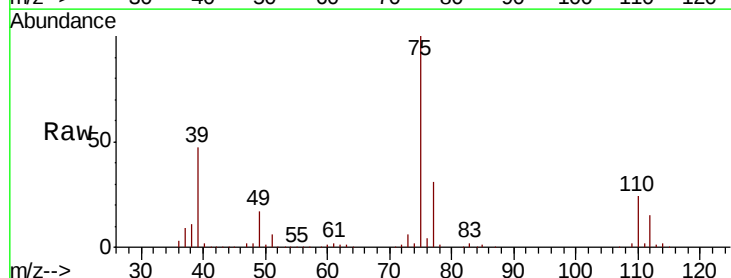
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

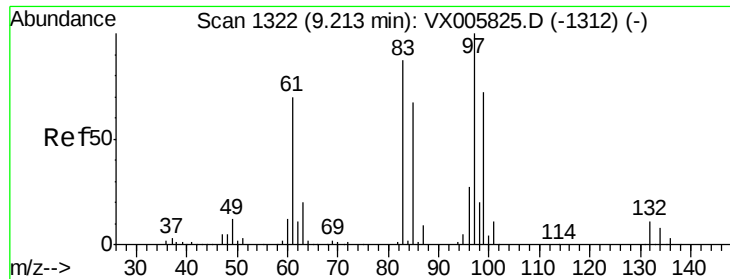
Tot Ion: 75 Resp: 82955
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.824 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 75 Resp: 90027
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 46.6 38.2 57.2

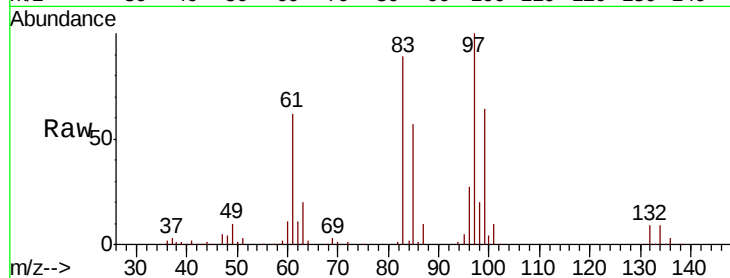




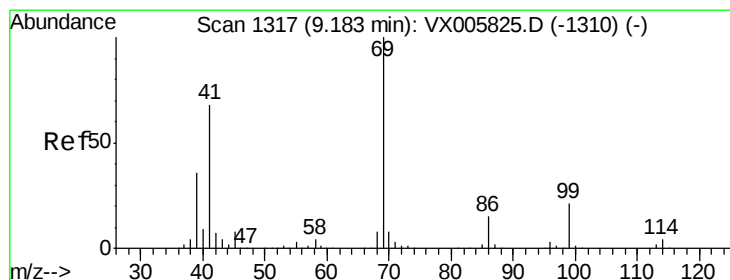
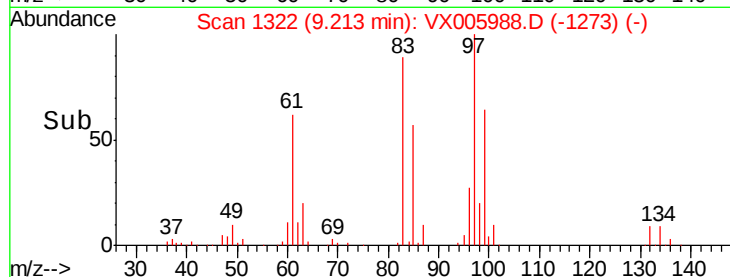
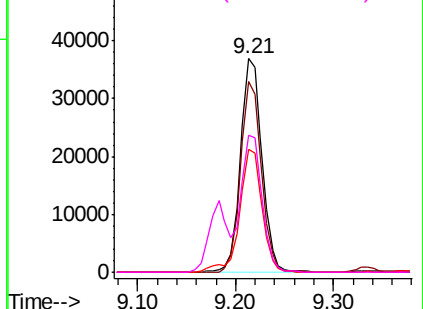
#55
 1,1,2-Trichloroethane
 Concen: 44.309 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 56466
 Ion Ratio Lower Upper
 97 100
 83 89.3 70.7 106.1
 85 57.3 45.8 68.6
 99 64.4 51.8 77.8

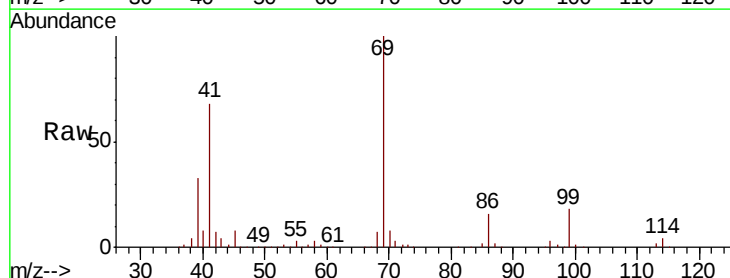


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

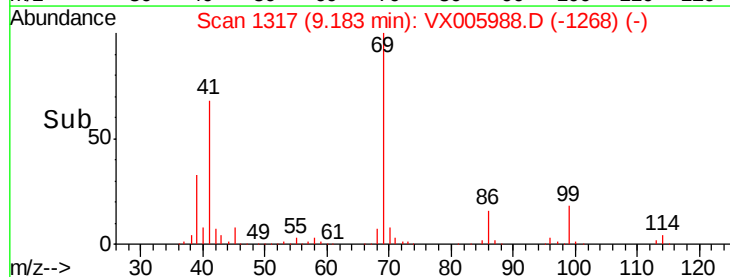
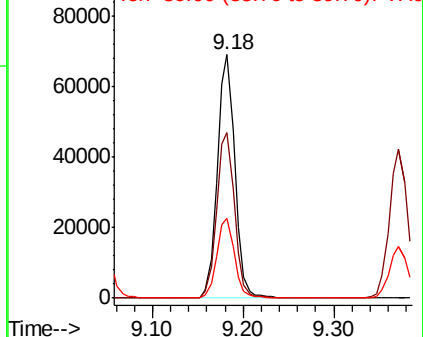


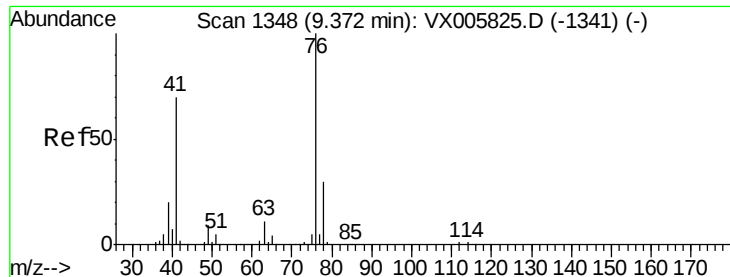
#56
 Ethyl methacrylate
 Concen: 49.007 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 69 Resp: 93446
 Ion Ratio Lower Upper
 69 100
 41 69.8 57.0 85.6
 39 33.2 28.3 42.5



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

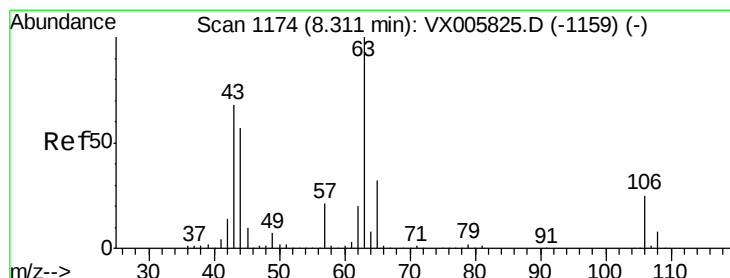
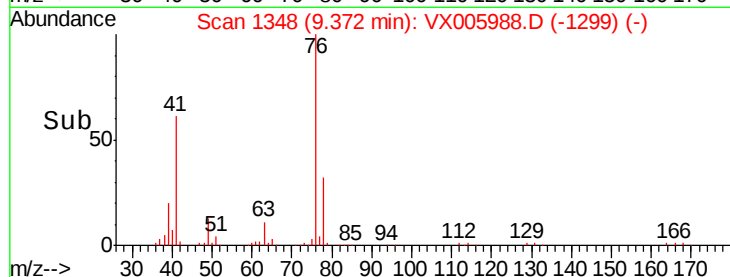
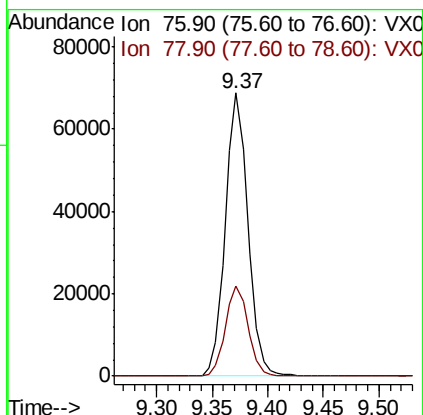
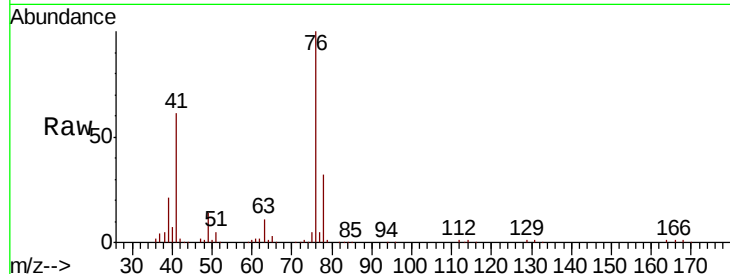




#57
 1,3-Dichloropropane
 Concen: 45.171 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

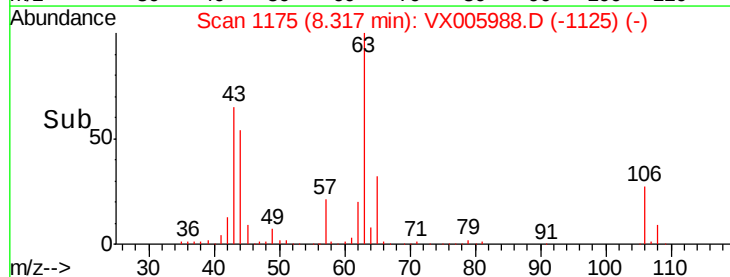
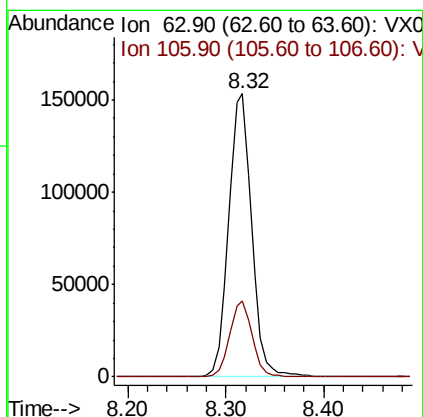
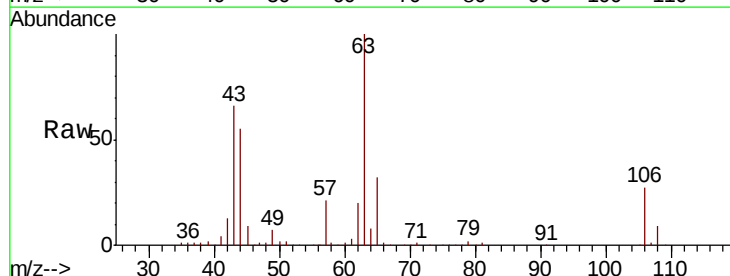
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

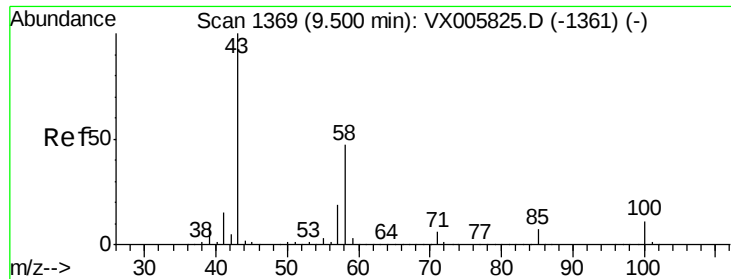
Tot Ion: 76 Resp: 96738
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.298 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 63 Resp: 249328
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

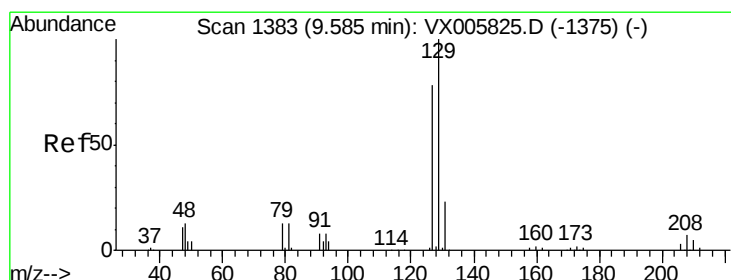
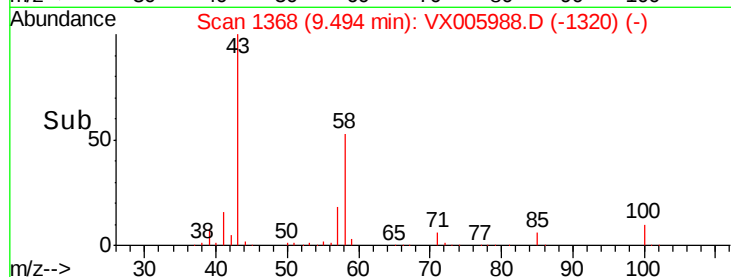
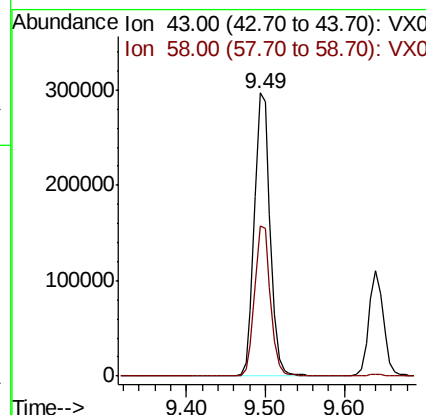
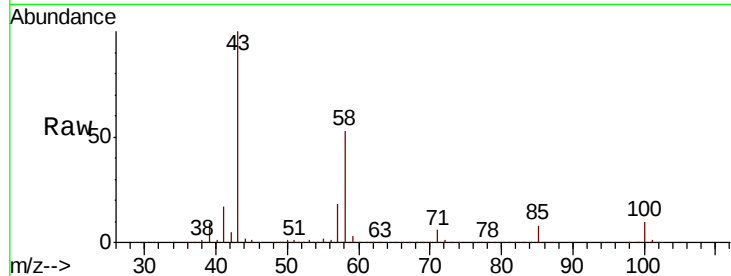




#59
2-Hexanone
Concen: 223.004 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

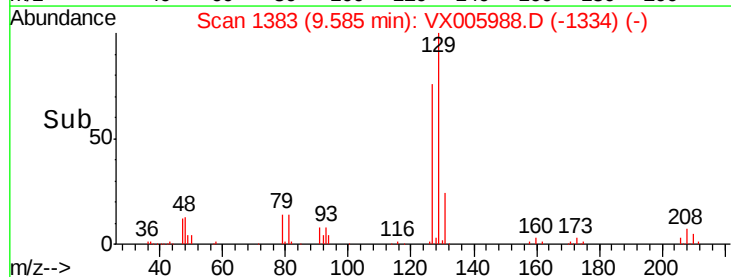
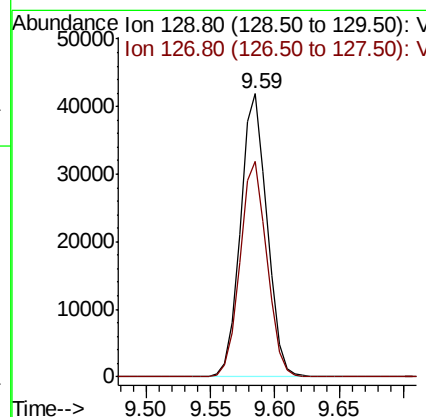
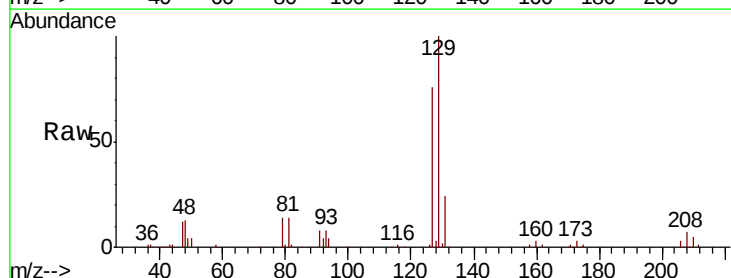
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

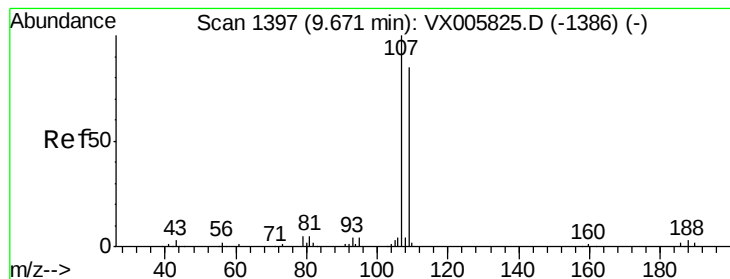
Tot Ion: 43 Resp: 414289
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8



#60
Dibromochloromethane
Concen: 43.503 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:129 Resp: 59915
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 42.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

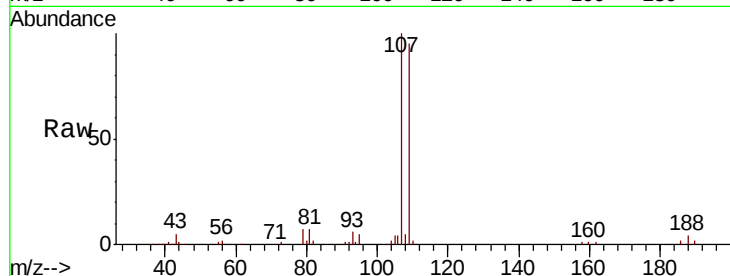
VSTDCCC050EC

Tot Ion:107 Resp: 59716

Ion Ratio Lower Upper

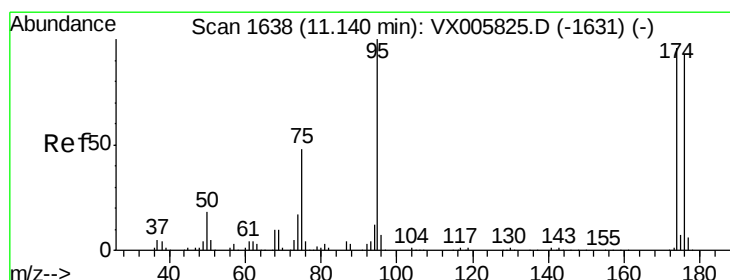
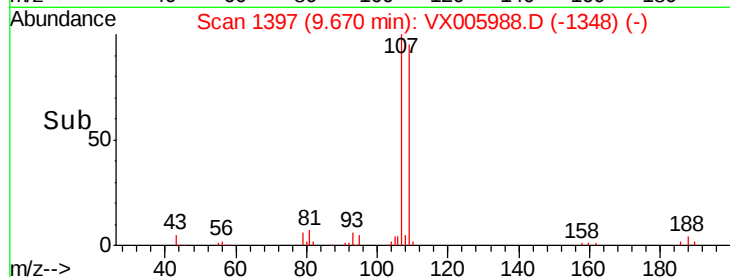
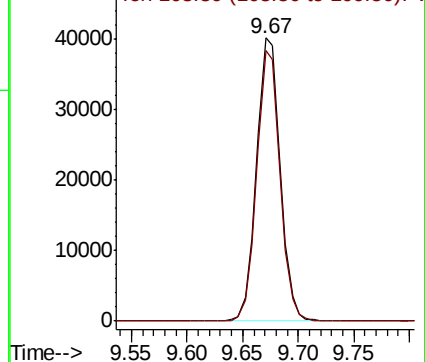
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.964 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

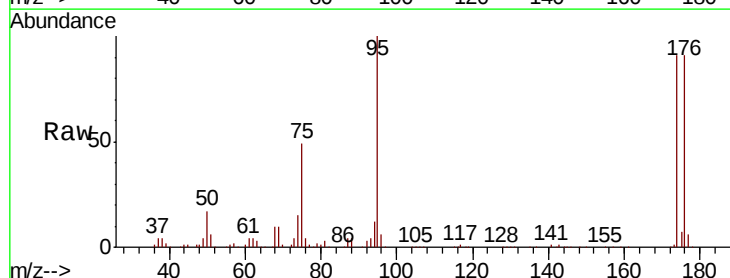
Tgt Ion: 95 Resp: 75429

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

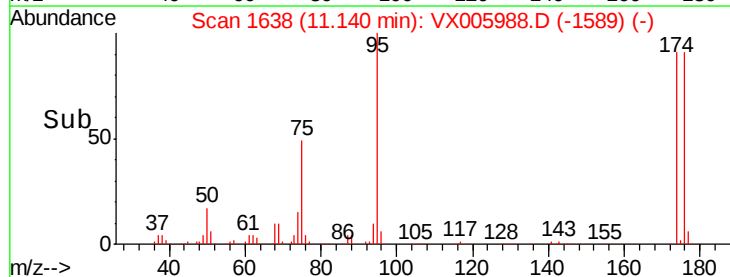
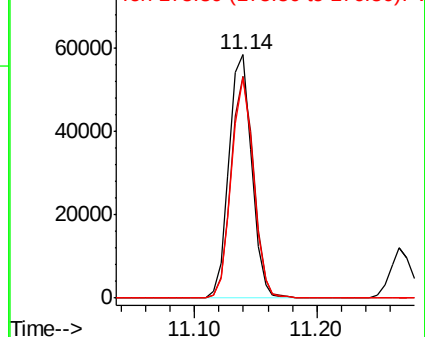
176 88.0 0.0 177.4

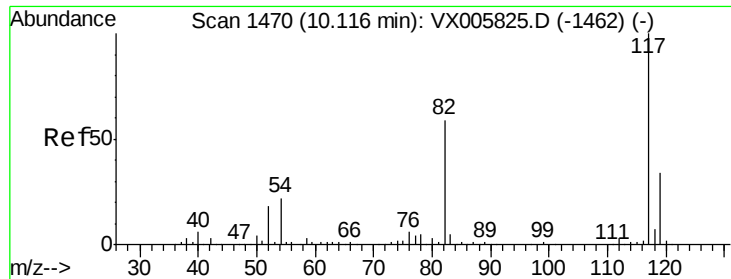


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

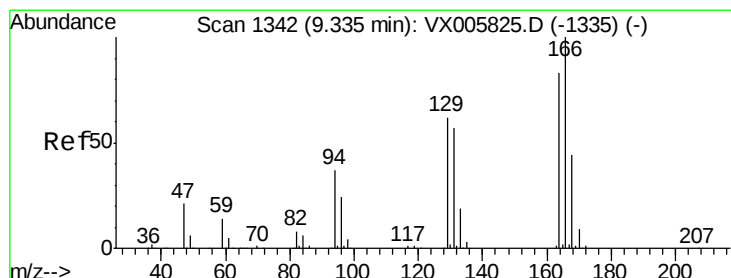
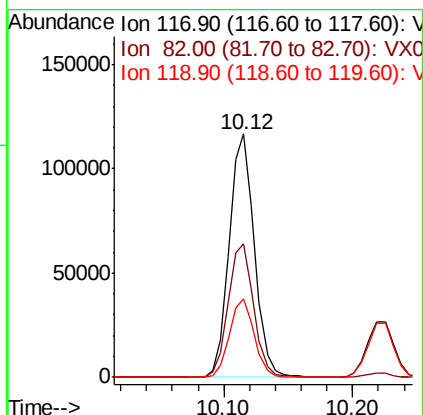
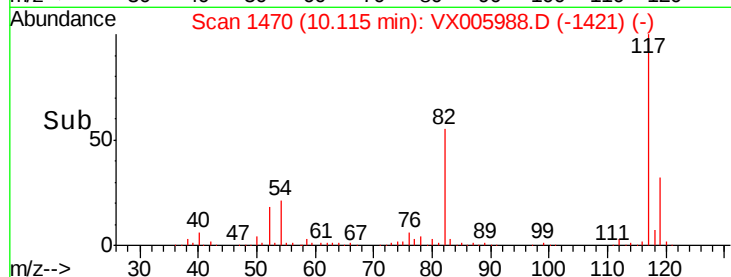
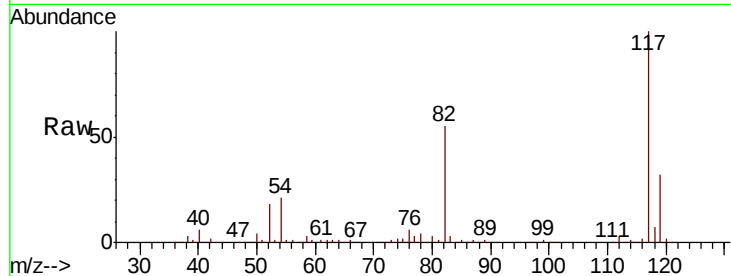




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

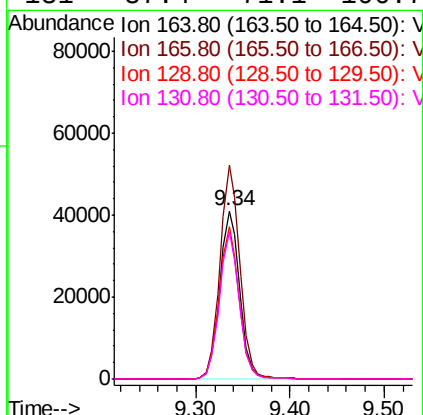
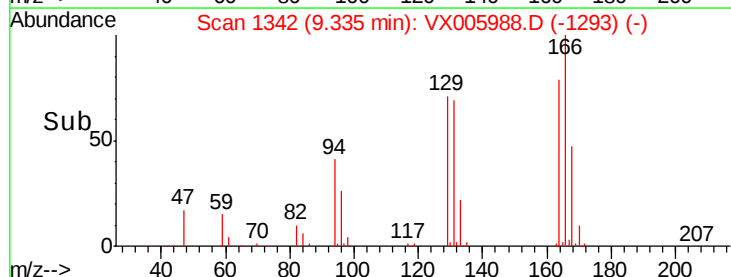
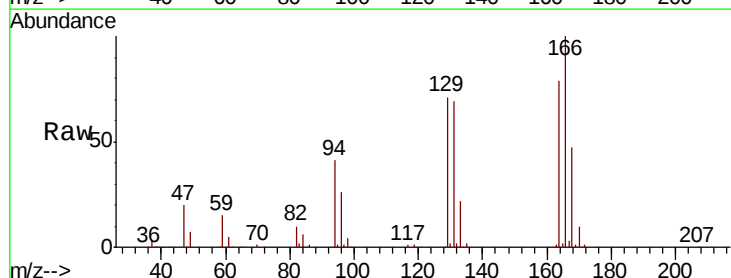
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

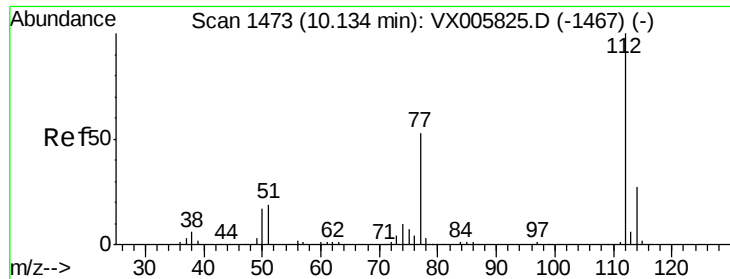
Tot Ion:117 Resp: 159971
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 44.243 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:164 Resp: 60259
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 90.3 72.6 109.0
131 87.4 71.1 106.7

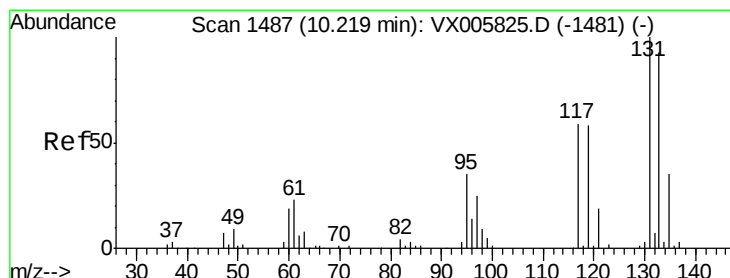
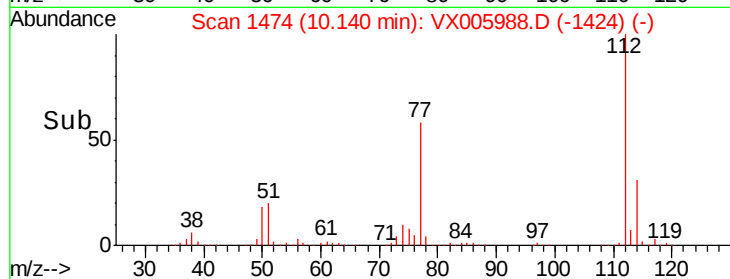
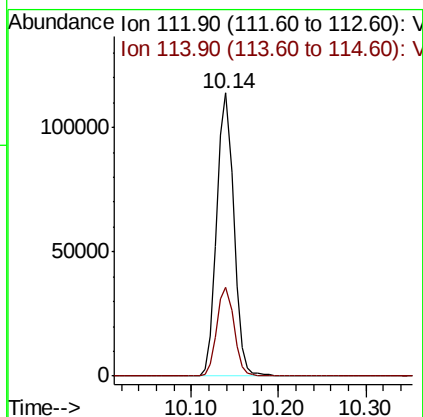
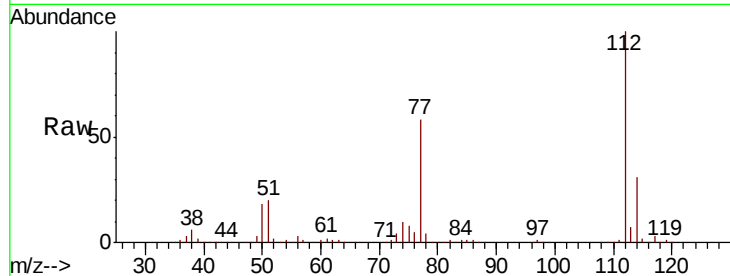




#65
Chlorobenzene
Concen: 48.090 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

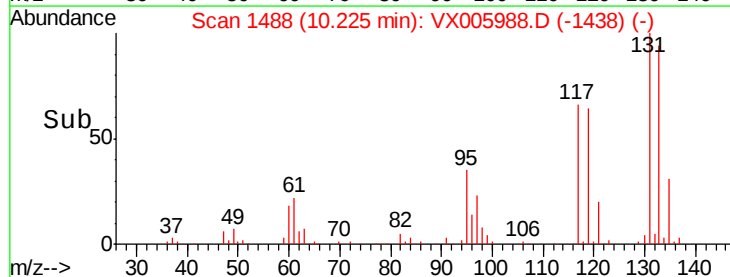
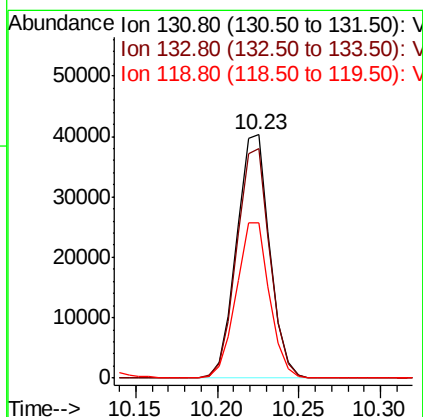
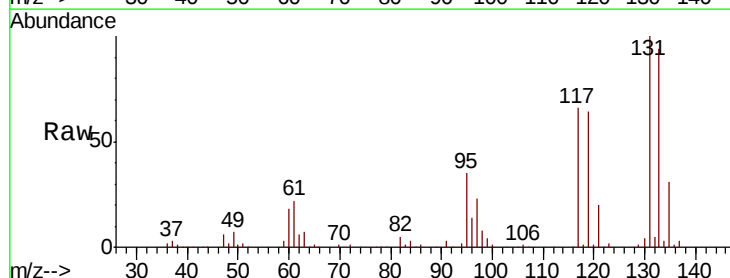
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

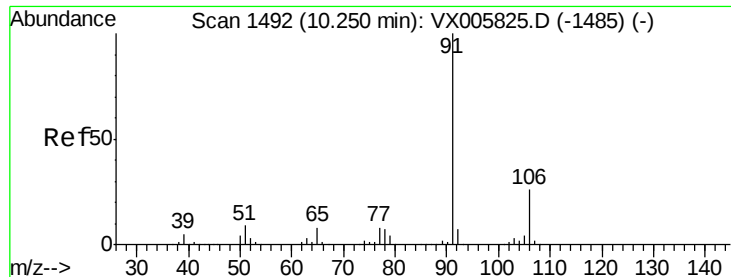
Tot Ion:112 Resp: 154115
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.045 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:131 Resp: 56872
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 64.2 31.8 95.3





#67

Ethyl Benzene

Concen: 52.016 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

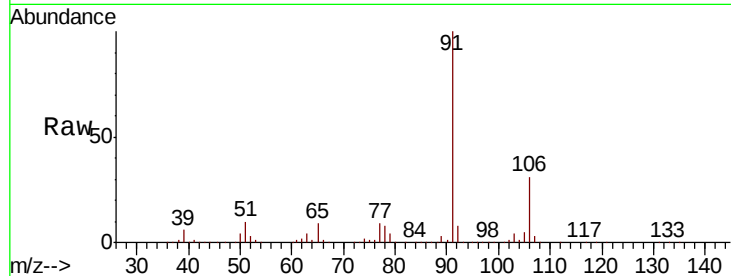
VSTDCCC050EC

Tot Ion: 91 Resp: 267302

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

300000

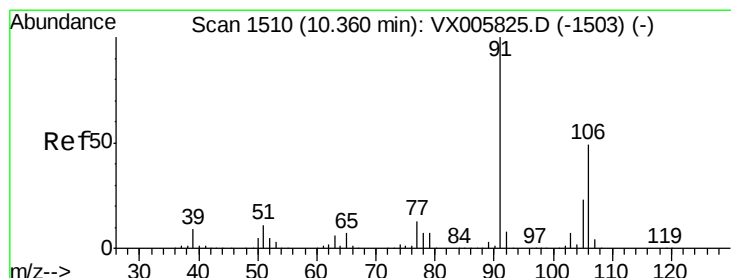
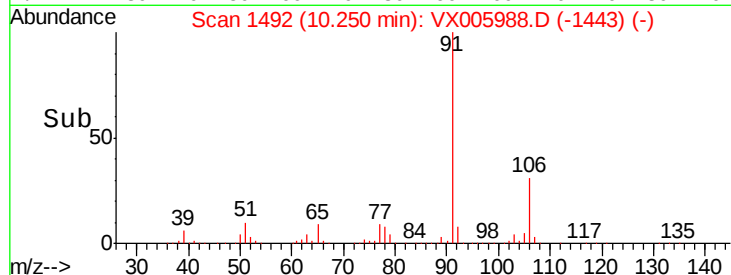
200000

100000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 103.905 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005988.D

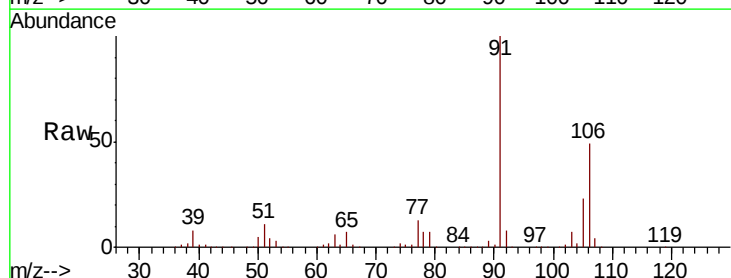
Acq: 14 Nov 2018 21:28

Tgt Ion: 106 Resp: 203671

Ion Ratio Lower Upper

106 100

91 205.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

300000

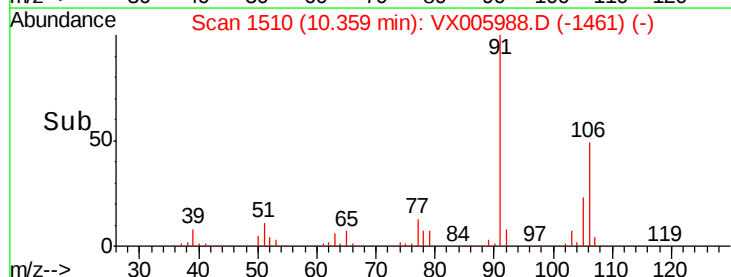
200000

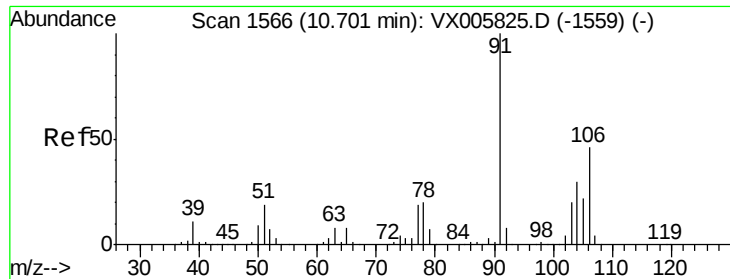
100000

0

10.30 10.40 10.50

Time-->

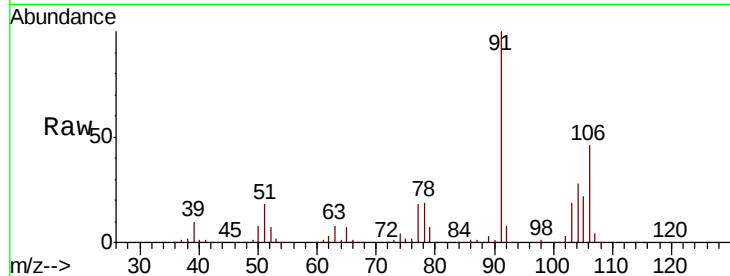




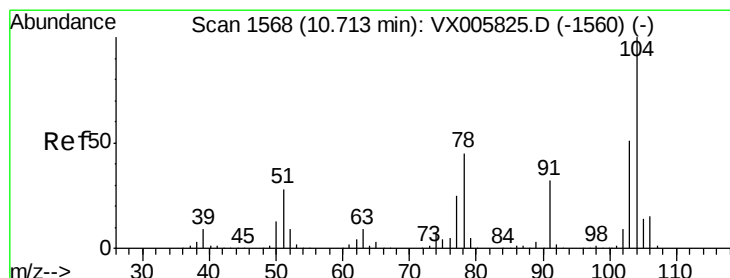
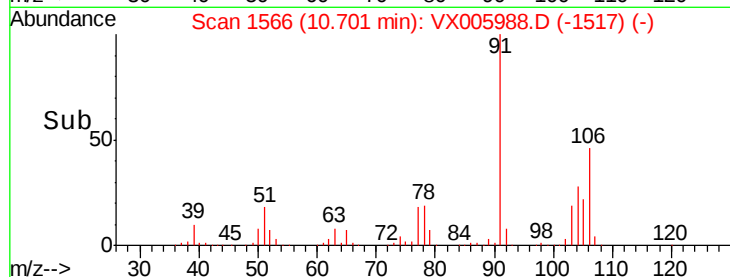
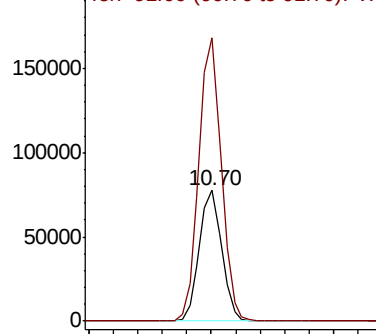
#69
o-Xylene
Concen: 56.044 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 98507
Ion Ratio Lower Upper
106 100
91 216.6 108.5 325.5

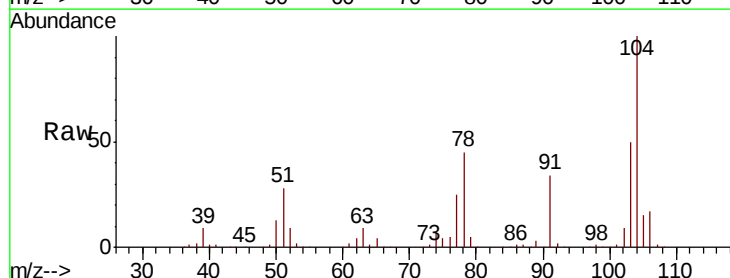


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

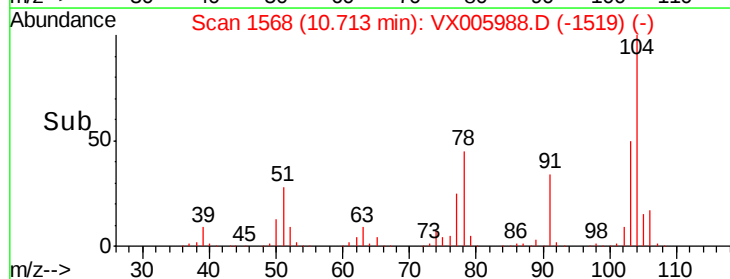
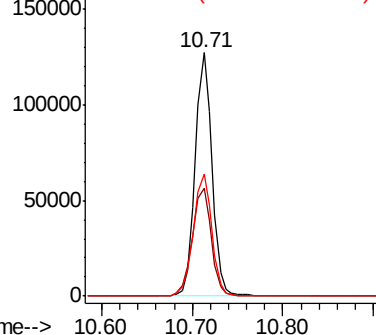


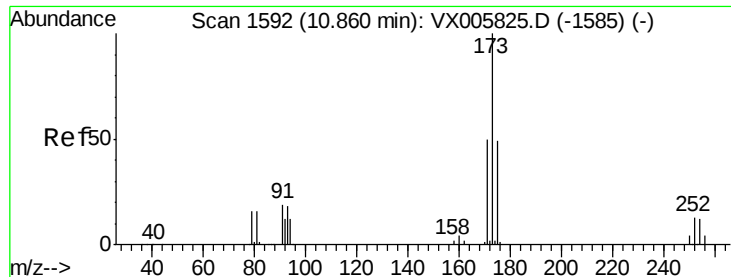
#70
Styrene
Concen: 56.974 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:104 Resp: 165196
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.4
103 55.5 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

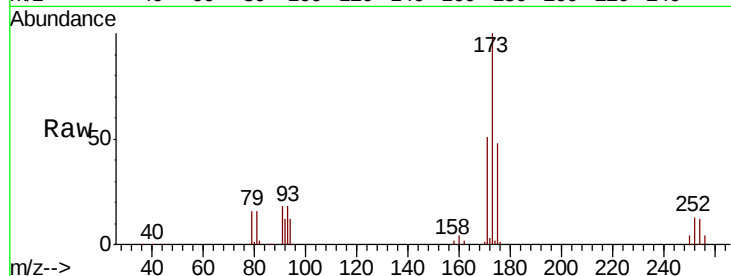




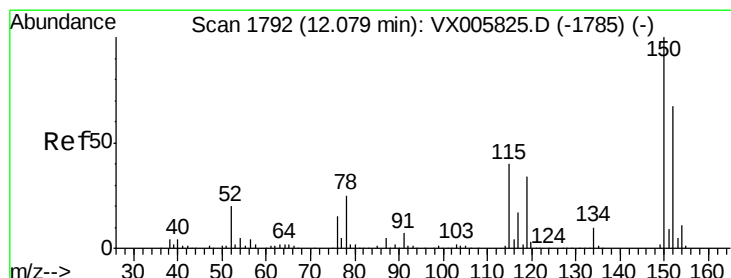
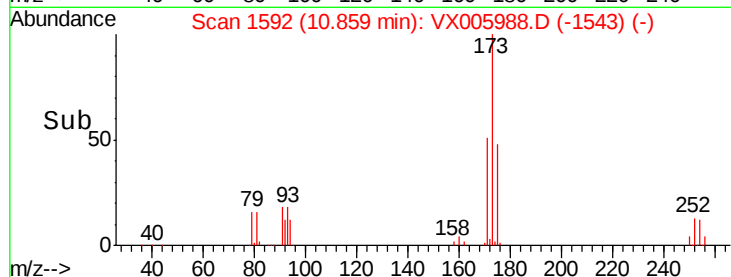
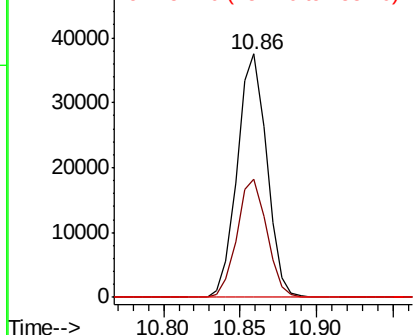
#71
Bromoform
Concen: 53.749 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 50200
Ion Ratio Lower Upper
173 100
175 49.0 24.8 74.3
254 0.2 0.2 0.2

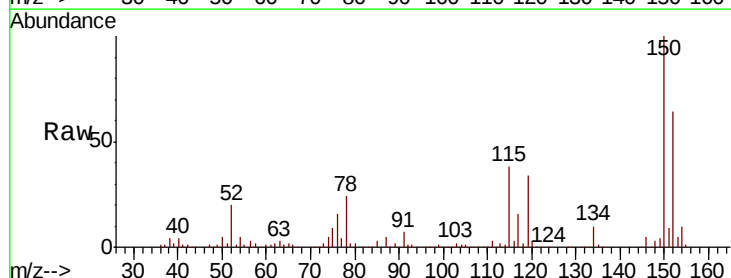


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

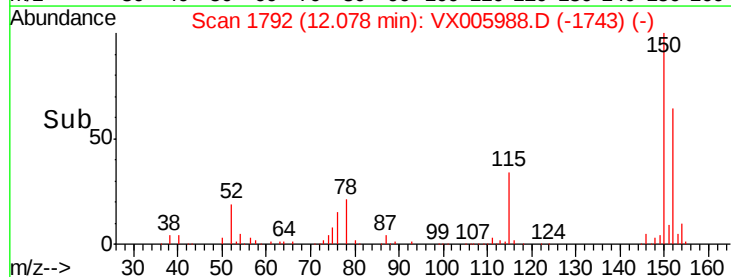
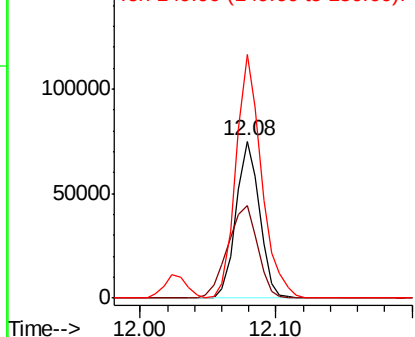


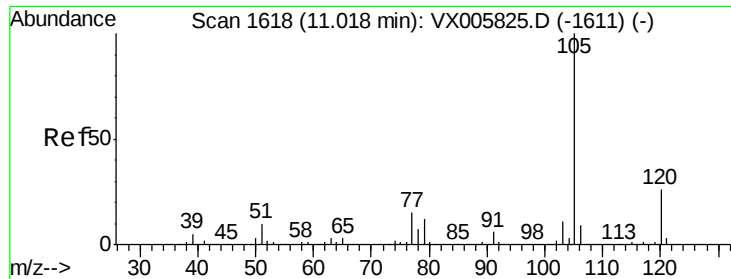
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:152 Resp: 89916
Ion Ratio Lower Upper
152 100
115 75.1 39.4 118.1
150 169.5 0.0 346.4



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: 51.821 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

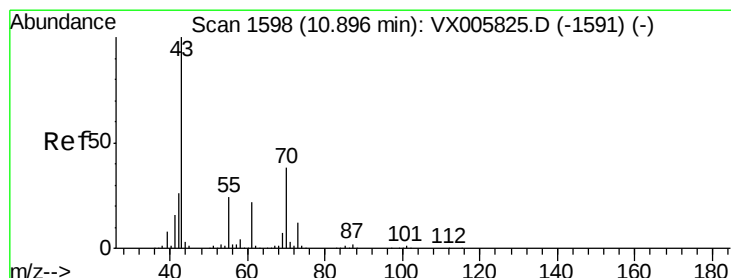
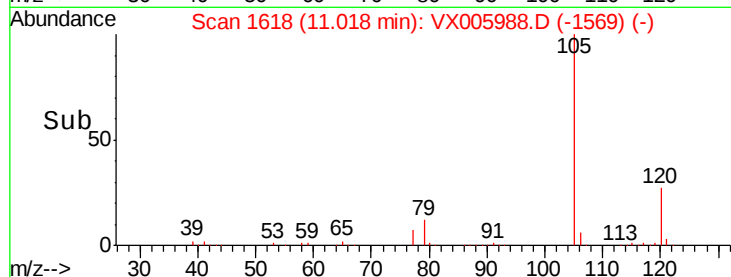
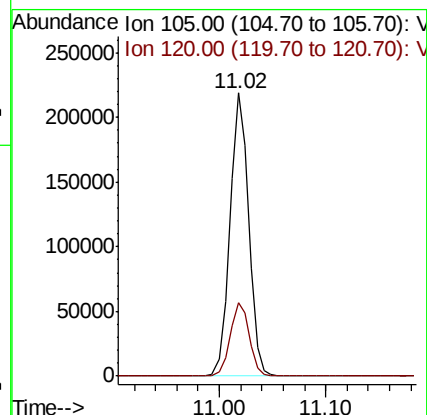
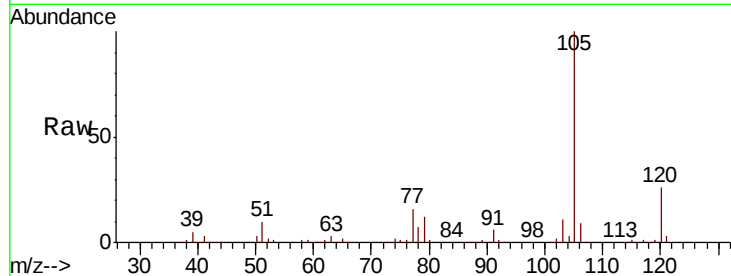
VSTDCCC050EC

Tot Ion:105 Resp: 269456

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 47.497 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Tgt Ion: 43 Resp: 138387

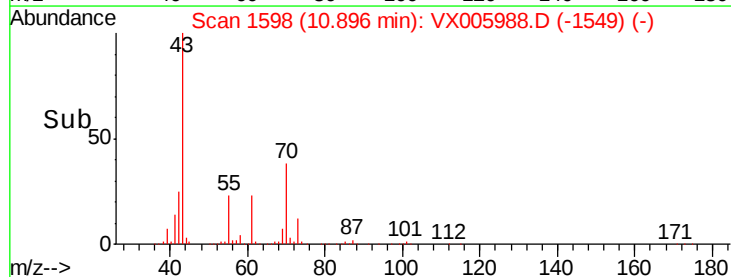
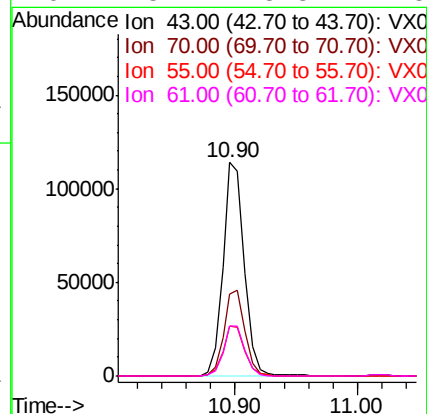
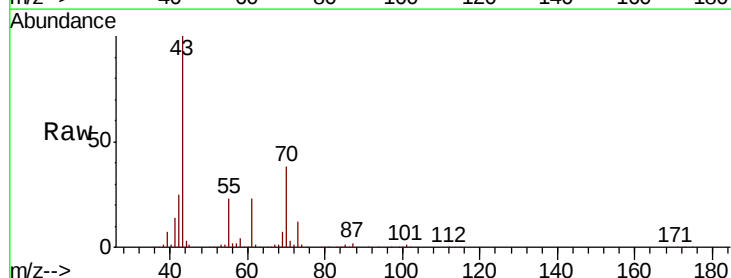
Ion Ratio Lower Upper

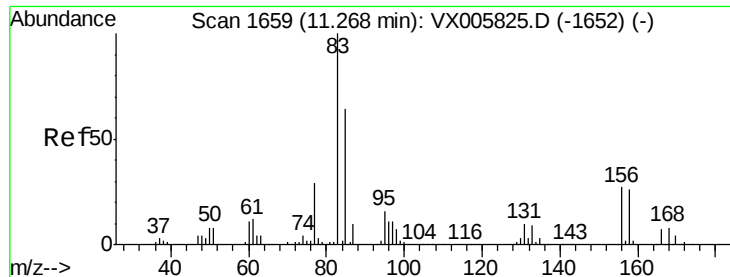
43 100

70 39.7 31.6 47.4

55 23.7 19.7 29.5

61 23.4 18.3 27.5

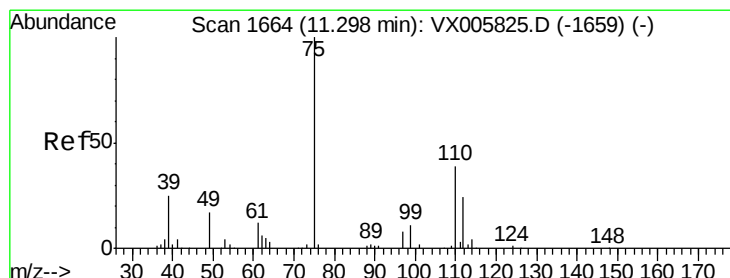
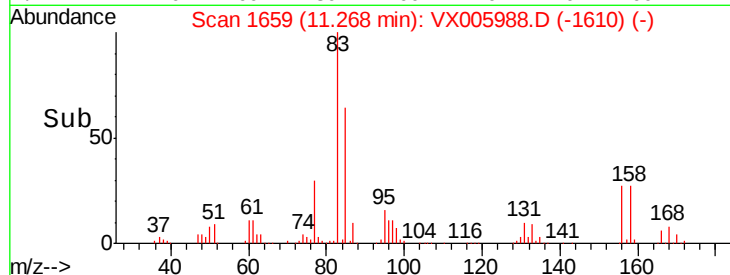
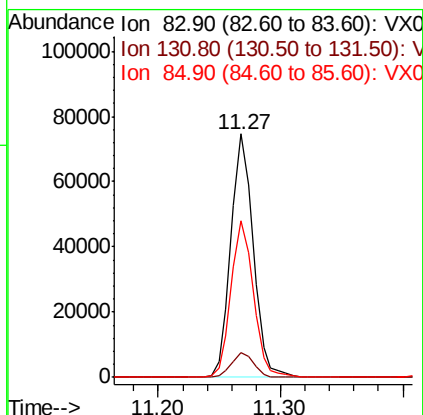
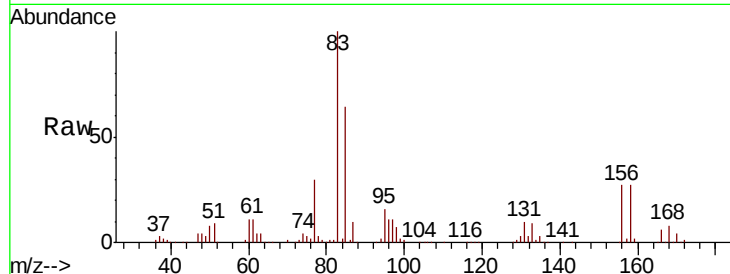




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.386 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

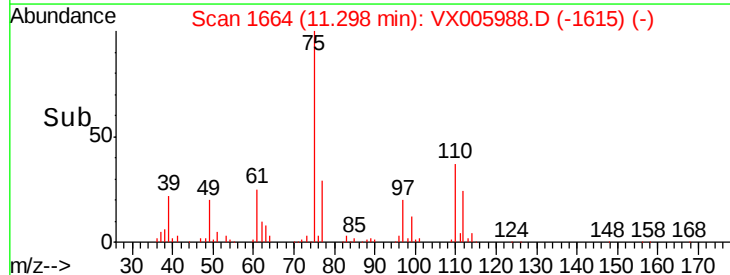
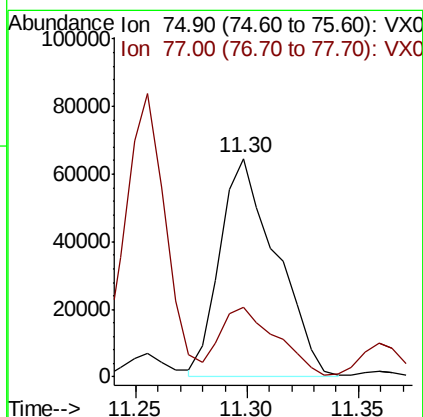
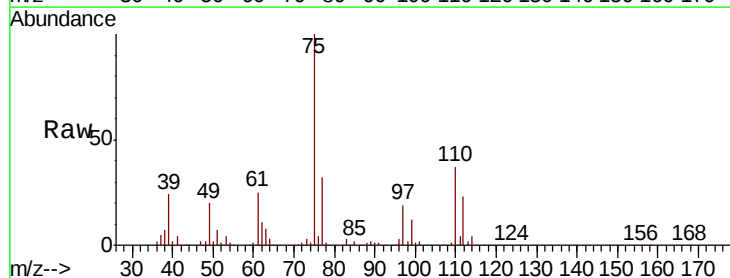
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

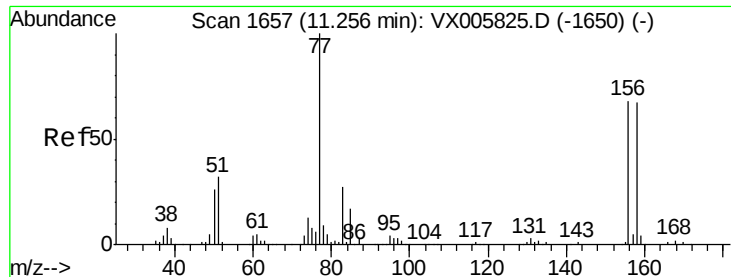
Tot Ion: 83 Resp: 94256
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.9
 85 64.6 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 62.138 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 75 Resp: 113768
 Ion Ratio Lower Upper
 75 100
 77 31.7 20.5 61.6





#77

Bromobenzene

Concen: 48.283 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

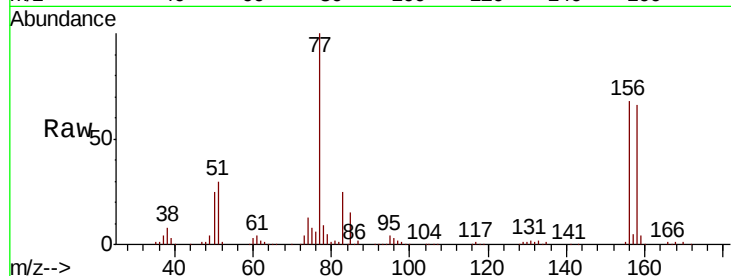
Tot Ion:156 Resp: 70764

Ion Ratio Lower Upper

156 100

77 150.5 74.8 224.4

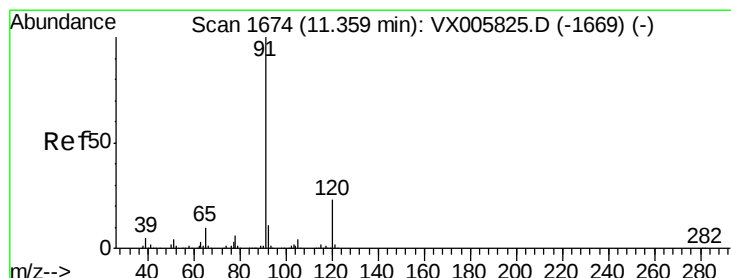
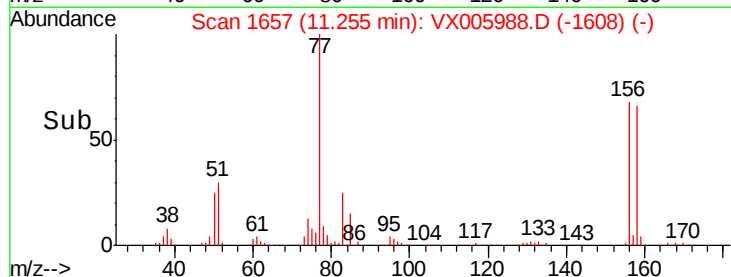
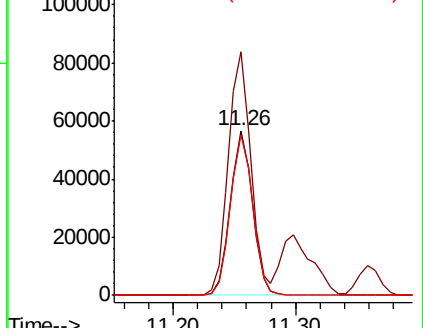
158 98.7 49.1 147.3



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: 50.653 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005988.D

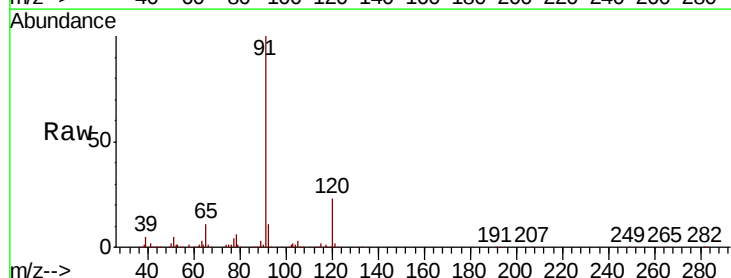
Acq: 14 Nov 2018 21:28

Tgt Ion: 91 Resp: 310406

Ion Ratio Lower Upper

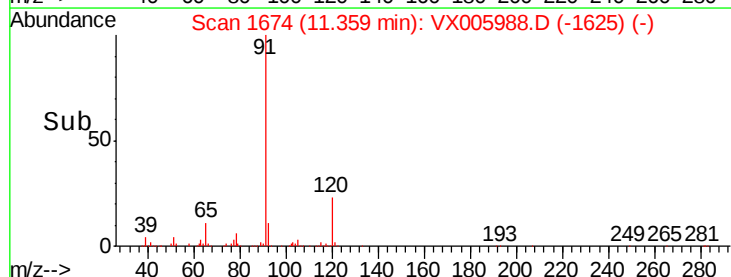
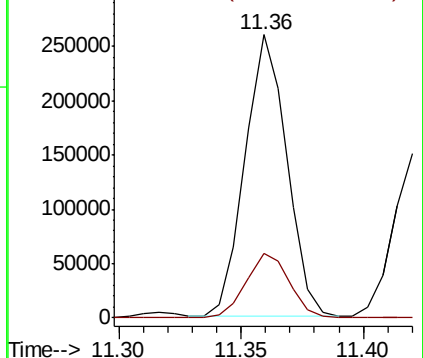
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

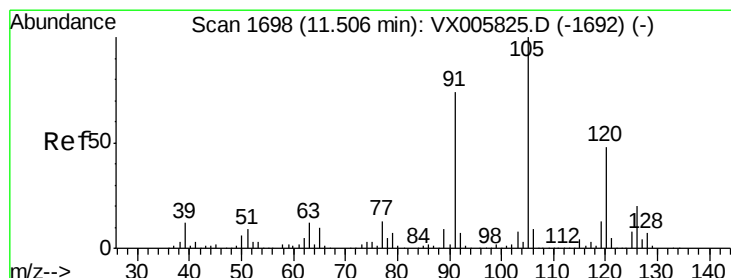
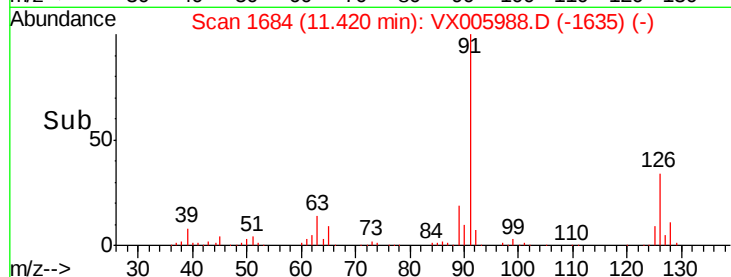
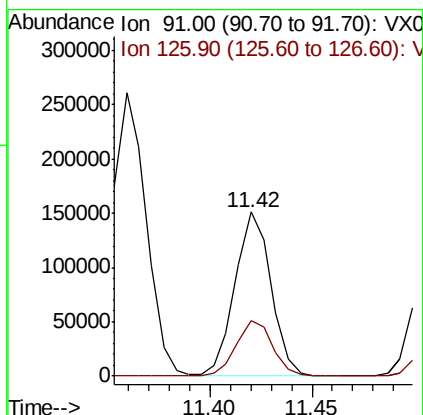
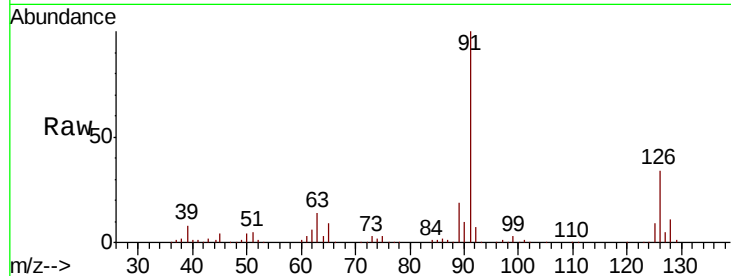




#79
 2-Chlorotoluene
 Concen: 49.883 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

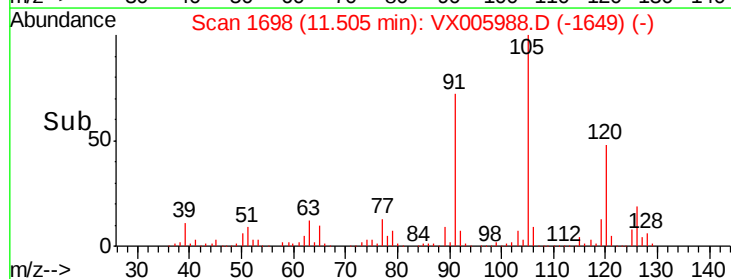
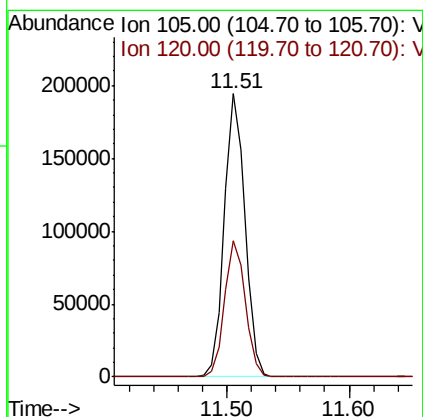
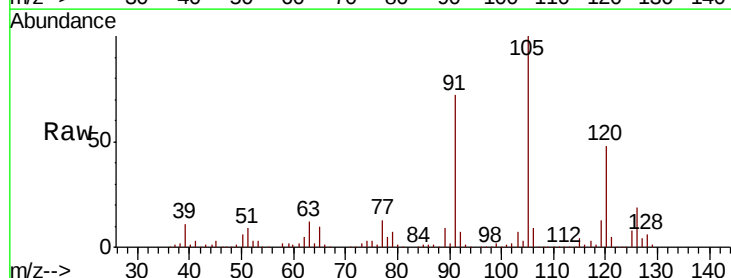
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

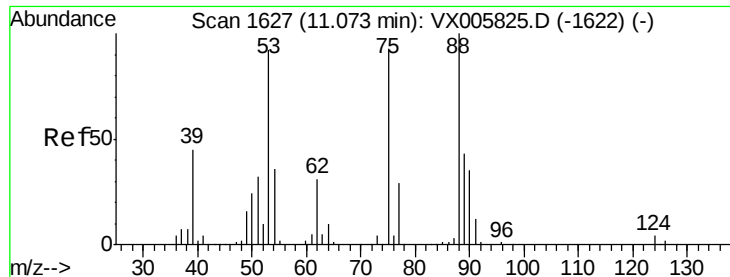
Tot Ion: 91 Resp: 184769
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.527 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion: 105 Resp: 227681
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.079 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

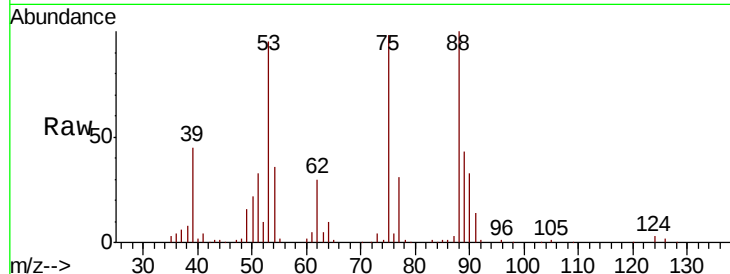
Tot Ion: 75 Resp: 28768

Ion Ratio Lower Upper

75 100

53 96.1 80.2 120.2

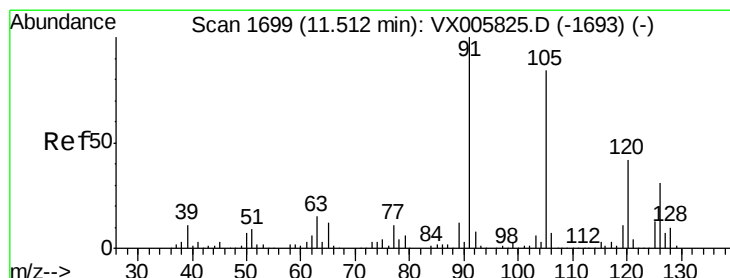
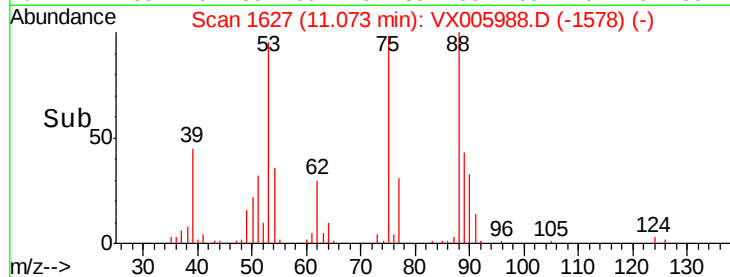
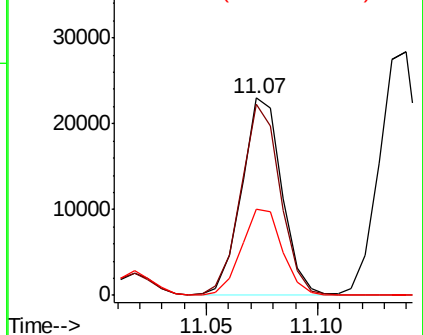
89 44.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.970 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005988.D

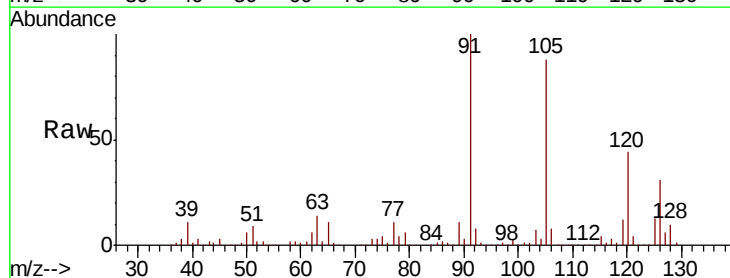
Acq: 14 Nov 2018 21:28

Tgt Ion: 91 Resp: 218136

Ion Ratio Lower Upper

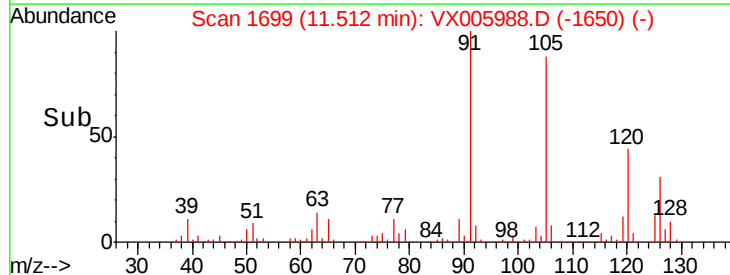
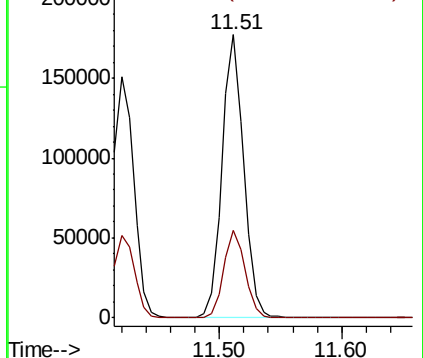
91 100

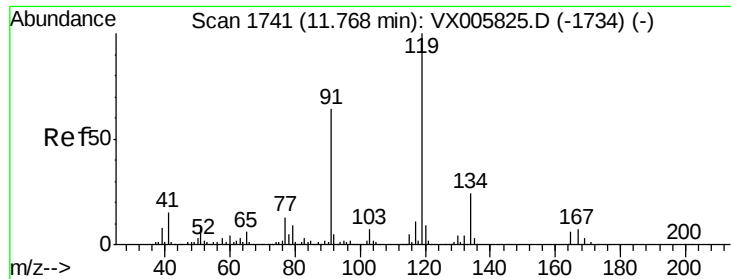
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.838 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

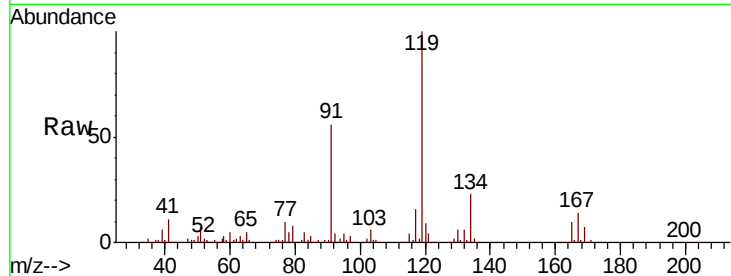
Tot Ion:119 Resp: 227261

Ion Ratio Lower Upper

119 100

91 56.8 28.5 85.5

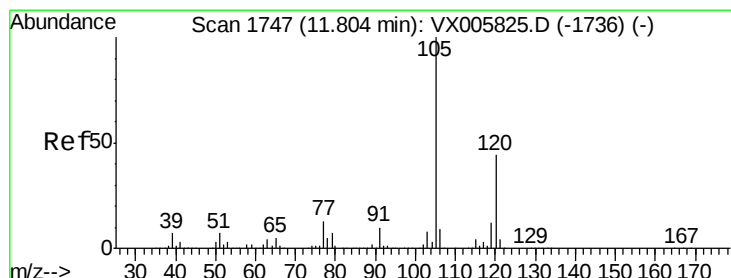
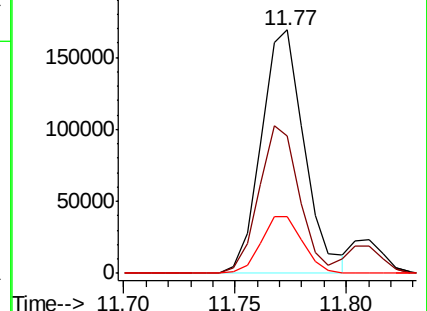
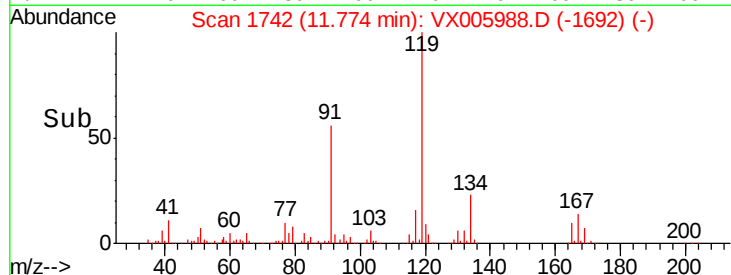
134 22.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.971 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005988.D

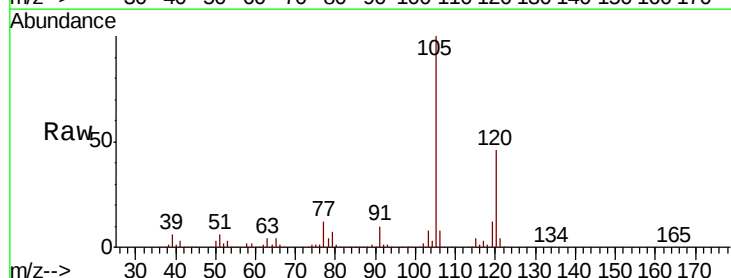
Acq: 14 Nov 2018 21:28

Tgt Ion:105 Resp: 233948

Ion Ratio Lower Upper

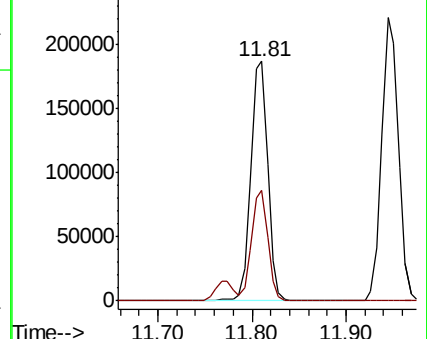
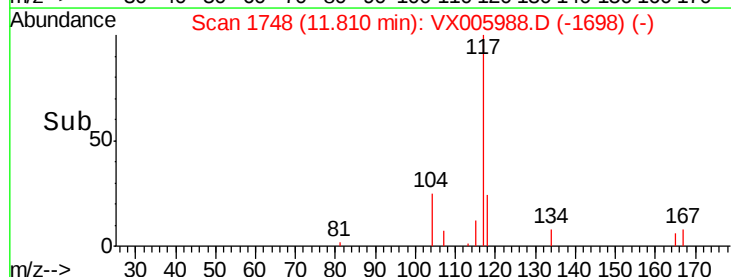
105 100

120 44.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.746 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

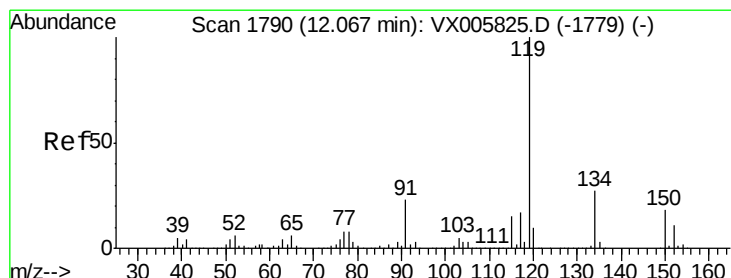
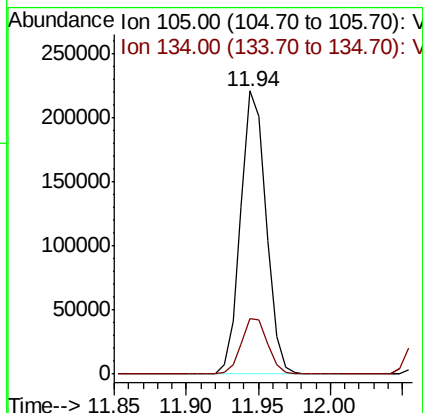
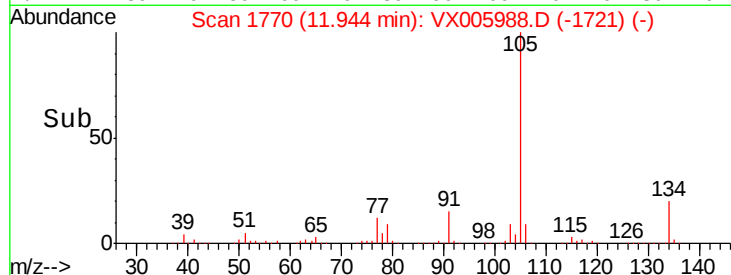
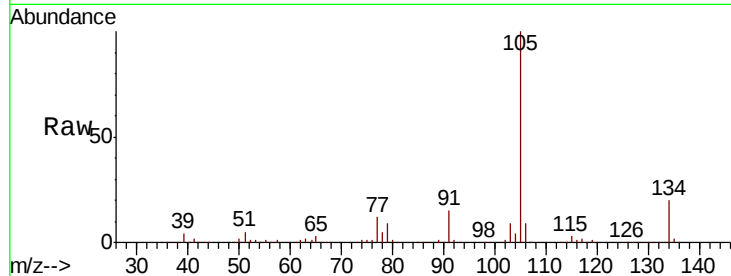
VSTDCCC050EC

Tot Ion:105 Resp: 271935

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.147 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

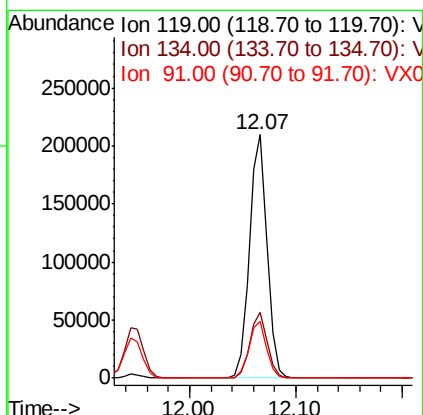
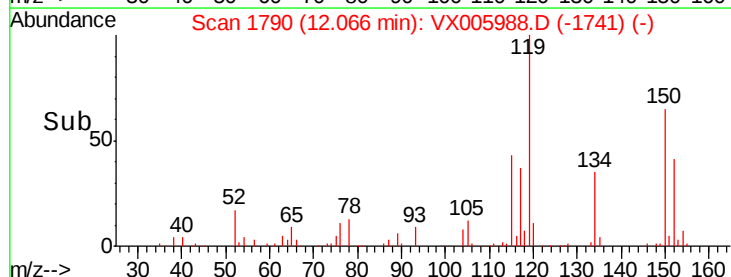
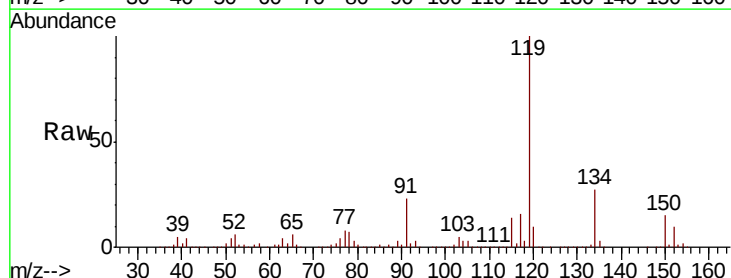
Tgt Ion:119 Resp: 242816

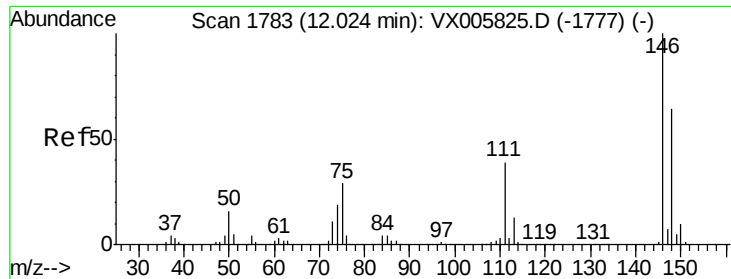
Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 23.1 11.4 34.2

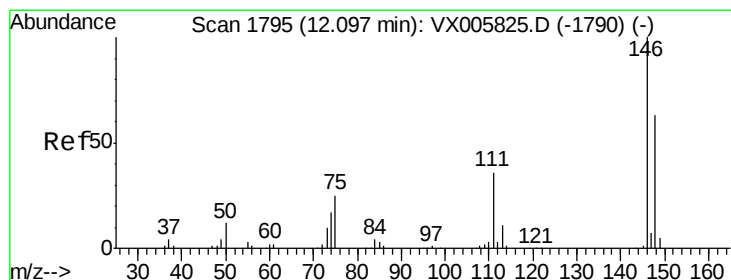
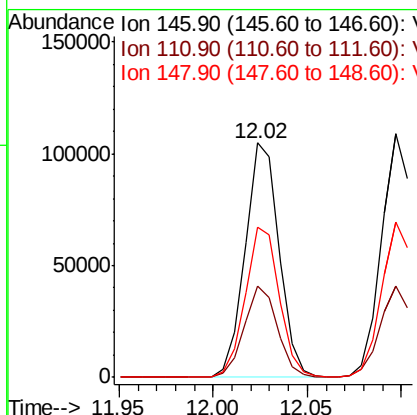
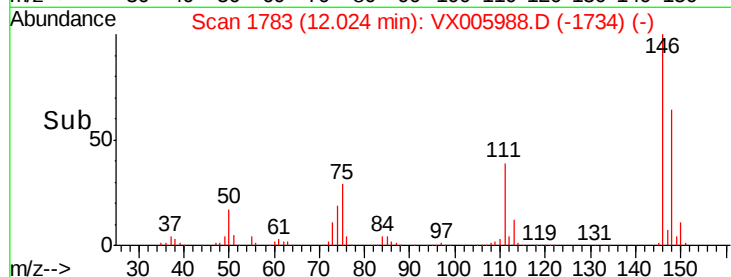
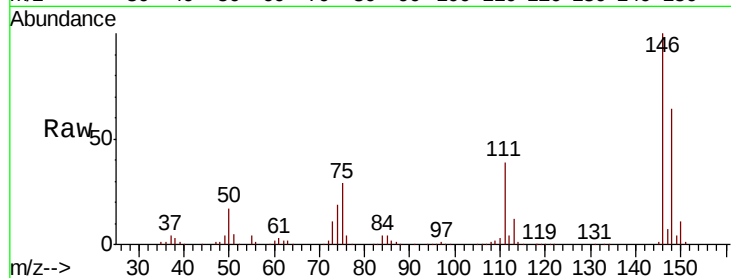




#87
 1,3-Dichlorobenzene
 Concen: 46.720 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

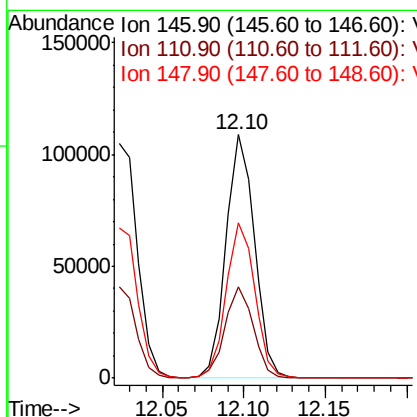
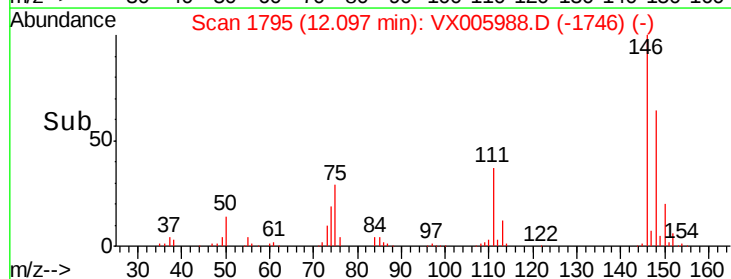
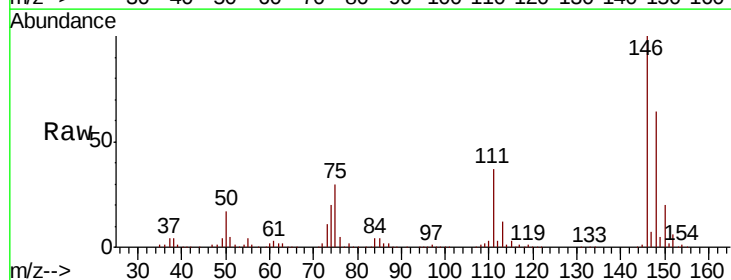
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

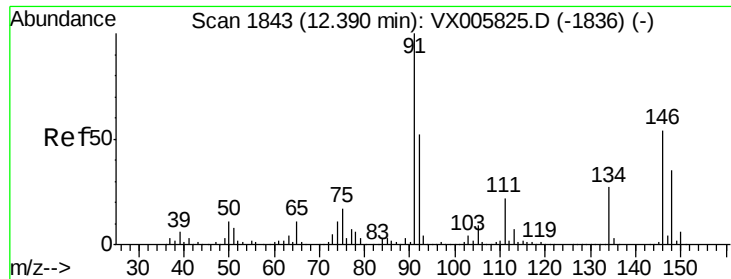
Tot Ion:146 Resp: 131410
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.014 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion:146 Resp: 132490
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.1 32.1 96.3

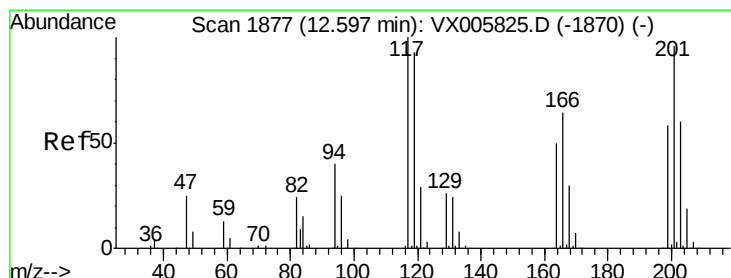
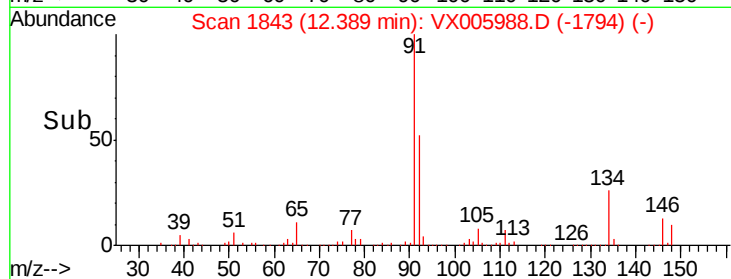
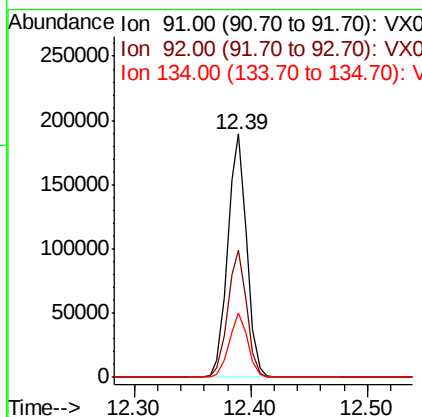
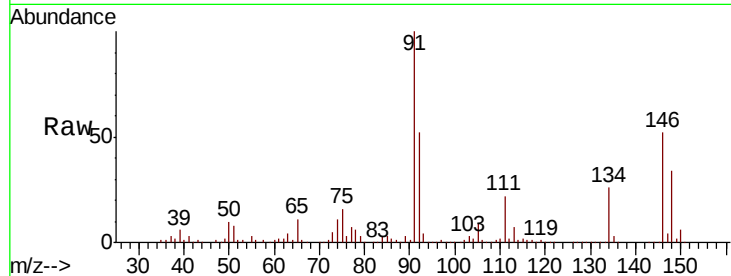




#89
n-Butylbenzene
Concen: 47.507 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

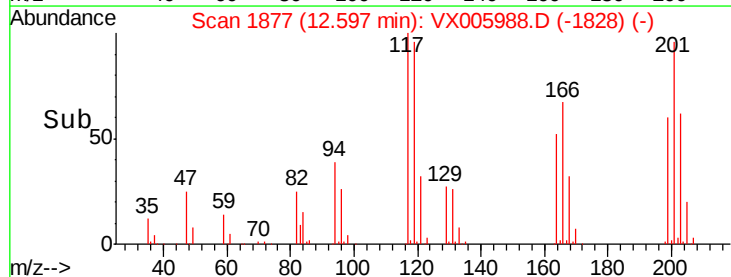
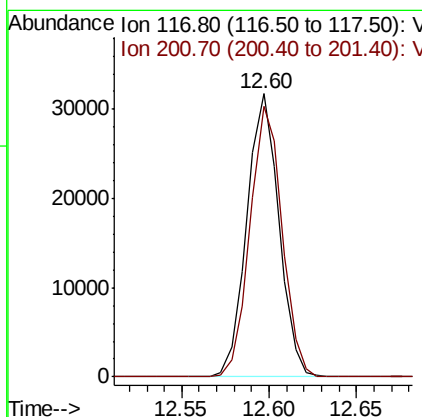
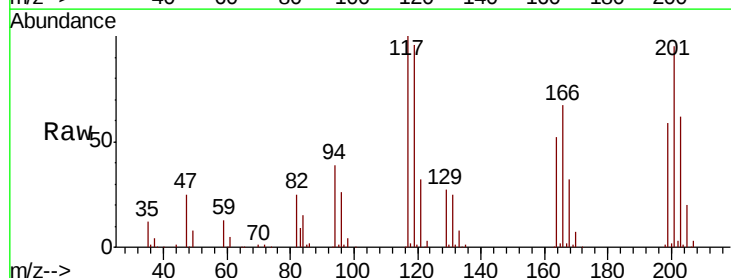
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

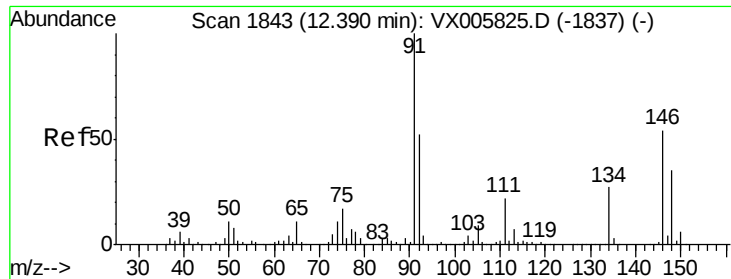
Tot Ion: 91 Resp: 213196
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 50.146 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion: 117 Resp: 40539
Ion Ratio Lower Upper
117 100
201 95.5 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 46.479 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

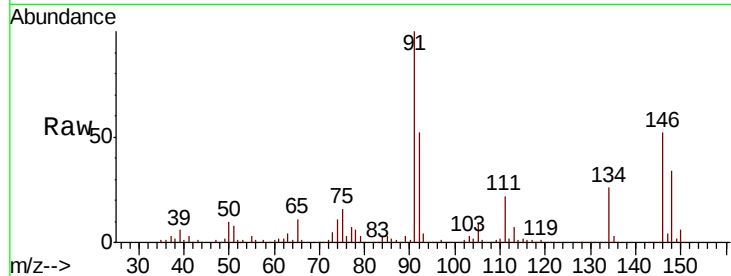
Tot Ion:146 Resp: 130964

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

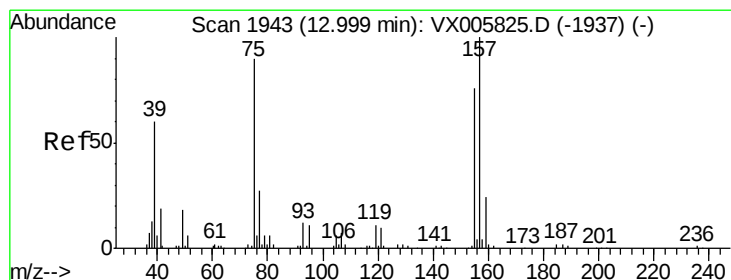
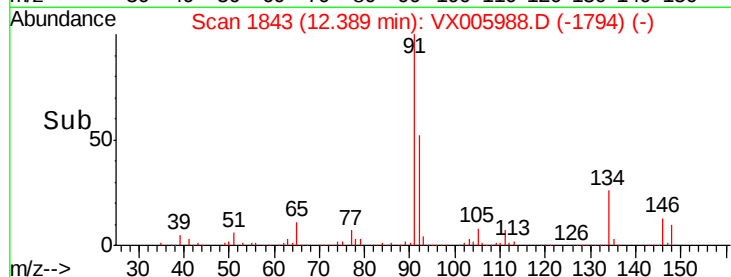
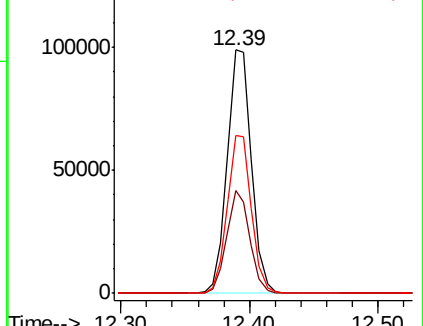
148 64.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.531 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005988.D

Acq: 14 Nov 2018 21:28

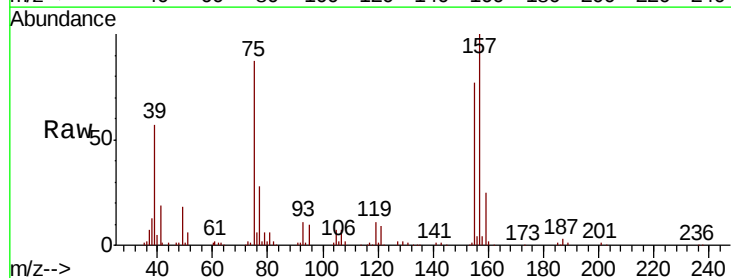
Tgt Ion: 75 Resp: 23534

Ion Ratio Lower Upper

75 100

155 92.2 45.4 136.1

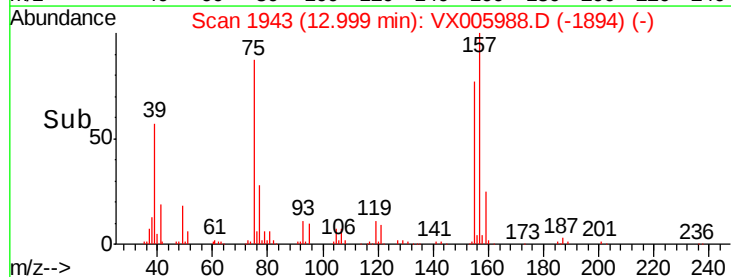
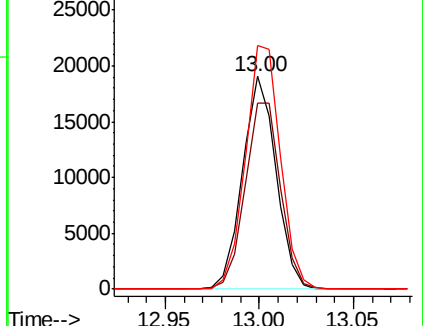
157 119.1 57.4 172.0

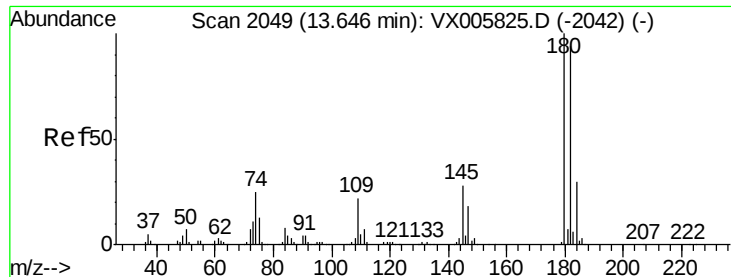


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

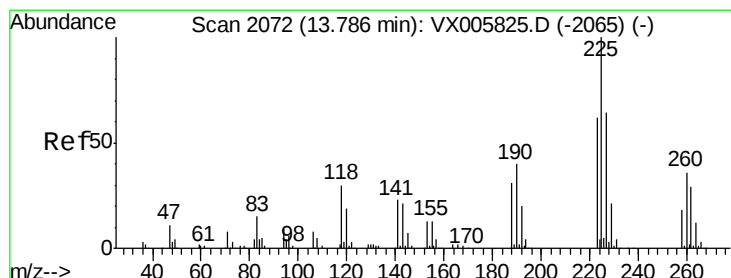
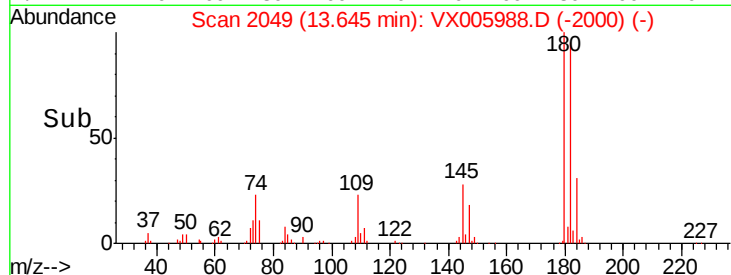
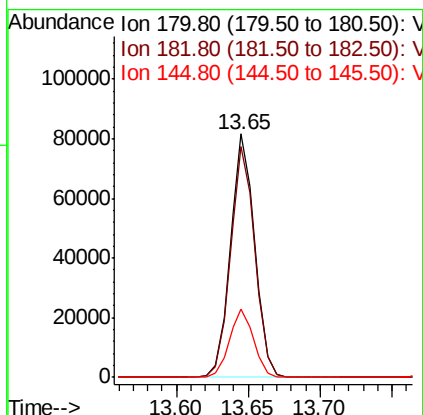
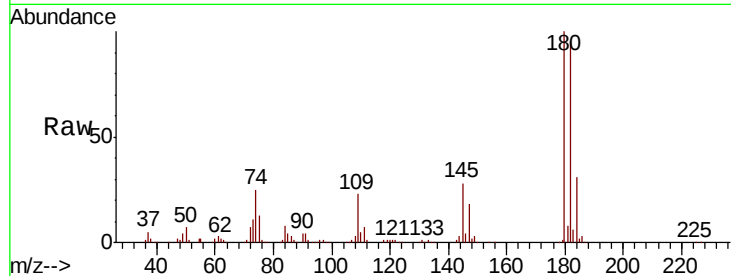




#93
 1,2,4-Trichlorobenzene
 Concen: 48.596 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

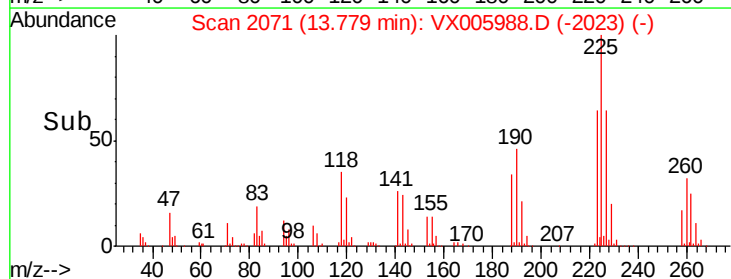
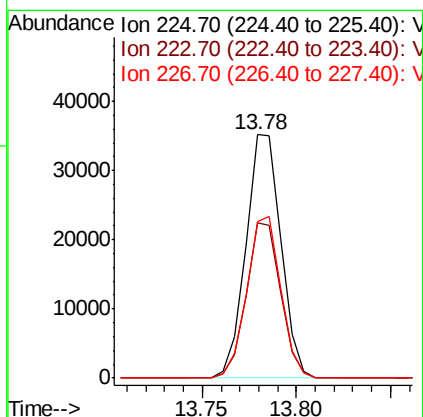
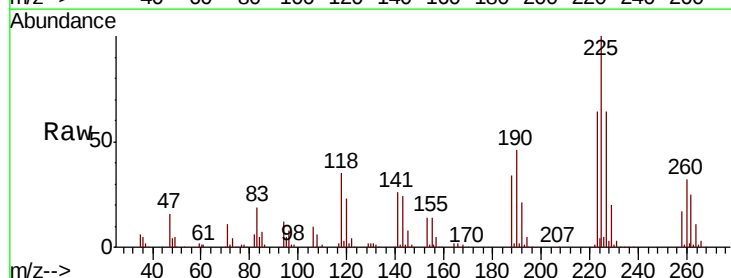
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 96394
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 43.600 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005988.D
 Acq: 14 Nov 2018 21:28

Tgt Ion:225 Resp: 45429
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.7 95.1
 227 64.2 32.3 96.9

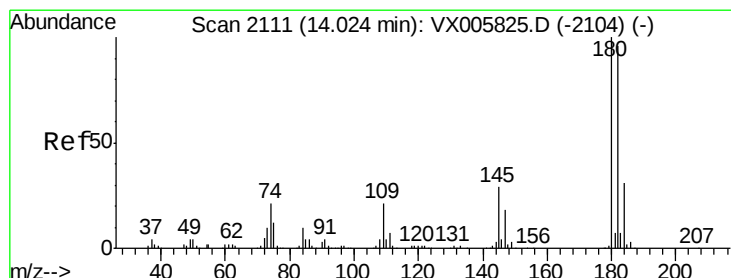
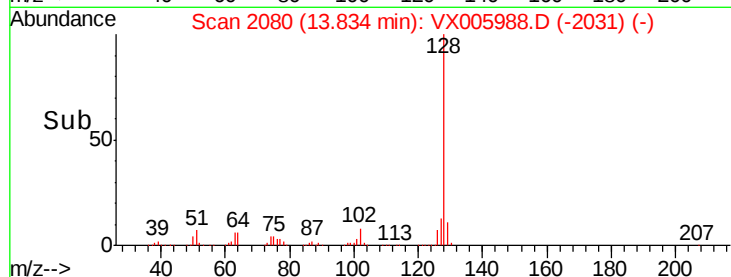
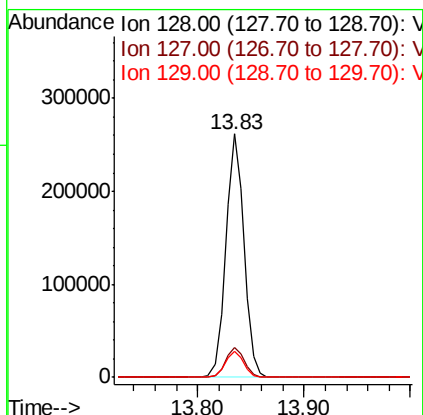
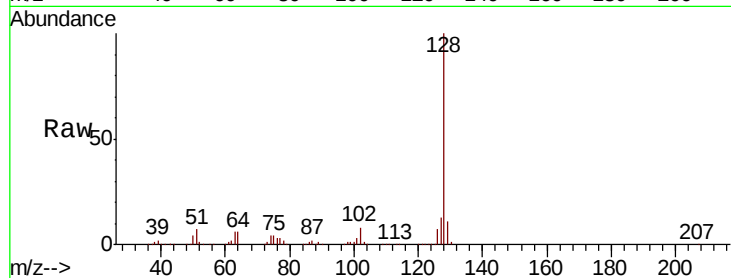




#95
Naphthalene
Concen: 48.041 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 310470
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.220 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005988.D
Acq: 14 Nov 2018 21:28

Tgt Ion:180 Resp: 97445
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 30.7 15.1 45.3

