

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
 Data File : VX008102.D
 Acq On : 15 Mar 2019 12:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 15 12:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	43959	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	232951	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	205911	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	80124	27.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.43%
60) 4-Bromofluorobenzene	11.13	95	97348	29.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.73%
63) Toluene-d8	8.71	98	278340	29.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.47%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	48101	18.432	ug/l 100
3) Chloromethane	1.33	50	43019	14.824	ug/l 98
4) Vinyl Chloride	1.41	62	44542	15.495	ug/l 99
5) Bromomethane	1.64	94	28193	19.673	ug/l 95
6) Chloroethane	1.73	64	27549	16.410	ug/l 96
7) Trichlorofluoromethane	1.93	101	64131	17.916	ug/l 100
8) Diethyl Ether	2.19	74	32723	17.751	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53219	19.775	ug/l 94
10) 1,1-Dichloroethene	2.38	96	48493	19.011	ug/l 96
11) Methyl Iodide	2.51	142	76528	19.165	ug/l 91
12) Methyl Acetate	2.78	43	62106	15.395	ug/l 98
13) Acrolein	2.30	56	36191	76.467	ug/l 96
14) Acrylonitrile	3.15	53	142530	83.229	ug/l 99
15) Acetone	2.45	58	47517	76.853	ug/l 95
16) Carbon Disulfide	2.57	76	137394	17.168	ug/l 100
17) Allyl chloride	2.73	41	81253	15.537	ug/l 94
18) Methylene Chloride	2.86	84	52104	17.930	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	52217	19.347	ug/l 96
20) Diisopropyl ether	3.87	45	165252	17.273	ug/l 92
21) 1,1-Dichloroethane	3.70	63	95738	18.400	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	59770	19.198	ug/l 97
23) tert-Butyl Alcohol	3.07	59	60295	87.273	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	158427	18.064	ug/l 93
25) Chloroform	5.21	83	94197	19.180	ug/l 97
26) Cyclohexane	5.57	56	87215	18.139	ug/l # 96
29) 1,1-Dichloropropene	5.80	75	71451	19.344	ug/l 98
30) 2-Butanone	4.70	43	213578	85.733	ug/l 99
31) 2,2-Dichloropropane	4.59	77	69749	20.445	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	79784	19.976	ug/l 99
33) Carbon Tetrachloride	5.78	117	70807	19.987	ug/l 99
34) Benzene	6.14	78	217508	19.216	ug/l 99
35) Methacrylonitrile	5.06	41	42349	17.445	ug/l 98
36) 1,2-Dichloroethane	6.20	62	70605	19.172	ug/l 98
37) Trichloroethene	7.21	130	63767	20.793	ug/l 97
38) Methylcyclohexane	7.46	83	92998	19.803	ug/l 98
39) 1,2-Dichloropropane	7.52	63	55527	18.810	ug/l 99
40) Dibromomethane	7.66	93	36425	19.453	ug/l 86

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	66559	18.805	ug/l	96
42) Vinyl Acetate	3.82	43	710674	88.128	ug/l	99
43) Ethyl Acetate	4.58	43	966	0.223	ug/l	100
44) Isopropyl Acetate	6.46	43	114919	17.357	ug/l	97
45) 1,4-Dioxane	7.75	88	27723	400.212	ug/l	97
46) Methyl methacrylate	7.77	41	59833	17.183	ug/l	93
47) n-amyl Acetate	10.90	43	95849	16.801	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	70882	18.492	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	82164	18.930	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	56121	19.663	ug/l	96
51) Ethyl methacrylate	9.18	69	80403	18.575	ug/l	95
52) 1,3-Dichloropropane	9.37	76	90720	19.237	ug/l	99
53) Dibromochloromethane	9.58	129	57729	19.663	ug/l	100
54) 1,2-Dibromoethane	9.67	107	59668	19.997	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	177825	88.329	ug/l	100
56) Bromoform	10.85	173	45603	19.474	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	382462	90.216	ug/l	97
59) 2-Hexanone	9.49	43	297220	88.816	ug/l	96
61) Tetrachloroethene	9.34	164	68046	22.654	ug/l	95
62) Toluene	8.78	91	234889	19.536	ug/l	99
64) Chlorobenzene	10.14	112	154465	20.157	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	56377	20.548	ug/l	99
66) Ethyl Benzene	10.25	91	253791	19.651	ug/l	97
67) m/p-Xylenes	10.36	106	199348	40.255	ug/l	99
68) o-Xylene	10.69	106	96218	20.009	ug/l	100
69) Styrene	10.71	104	156317	19.729	ug/l	99
70) Isopropylbenzene	11.02	105	262445	20.425	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	81694	19.251	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	95063	23.765	ug/l	89
73) Bromobenzene	11.26	156	71542	20.943	ug/l	99
74) n-propylbenzene	11.36	91	287662	19.847	ug/l	100
75) 2-Chlorotoluene	11.42	91	172965	19.910	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	220208	20.679	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22997	18.607	ug/l	93
78) 4-Chlorotoluene	11.51	91	195982	19.953	ug/l	99
79) tert-butylbenzene	12.06	119	239871	20.990	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	224397	20.762	ug/l	98
81) sec-Butylbenzene	11.94	105	259910	20.305	ug/l	100
82) p-Isopropyltoluene	12.06	119	239871	20.990	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	128742	21.168	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	125826	20.678	ug/l	98
85) n-Butylbenzene	12.39	91	192457	19.692	ug/l	99
86) Hexachloroethane	12.60	117	36707	19.714	ug/l	76
87) 1,2-Dichlorobenzene	12.39	146	125634	20.902	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15940	18.389	ug/l	87
89) 1,2,4-Trichlorobenzene	13.65	180	90421	20.932	ug/l	99
90) Hexachlorobutadiene	13.78	225	50715	21.287	ug/l	98
91) Naphthalene	13.83	128	252330	20.378	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	91577	21.328	ug/l	98

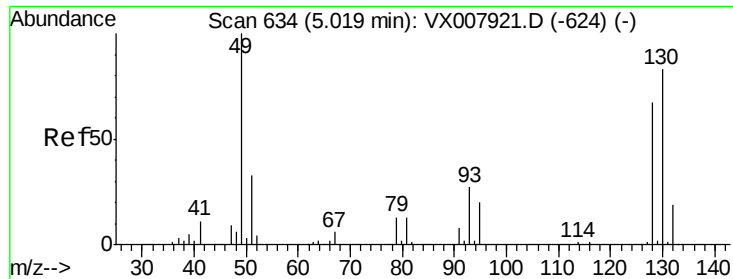
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

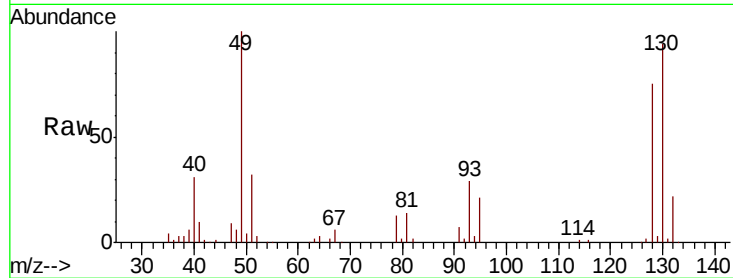
Tgt Ion:128 Resp: 43959

Ion Ratio Lower Upper

128 100

49 136.1 0.0 350.8

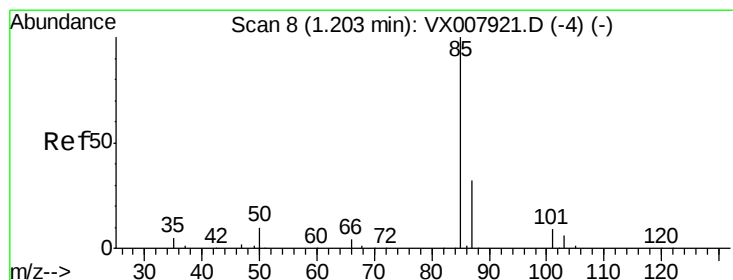
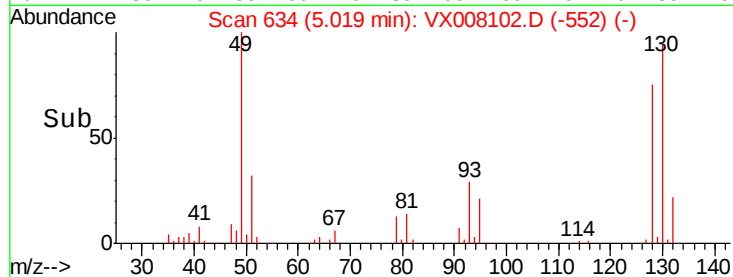
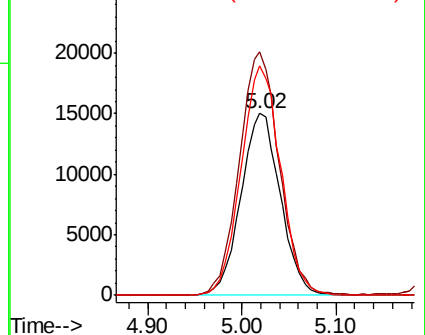
130 126.7 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.432 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008102.D

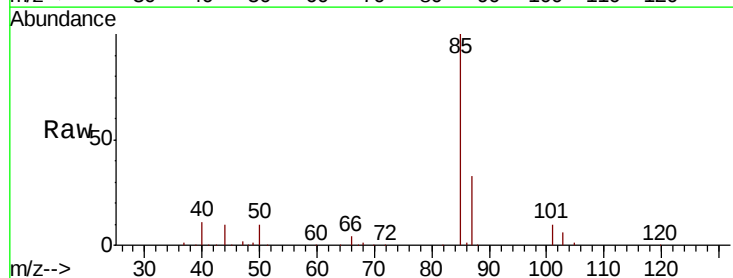
Acq: 15 Mar 2019 12:20

Tgt Ion: 85 Resp: 48101

Ion Ratio Lower Upper

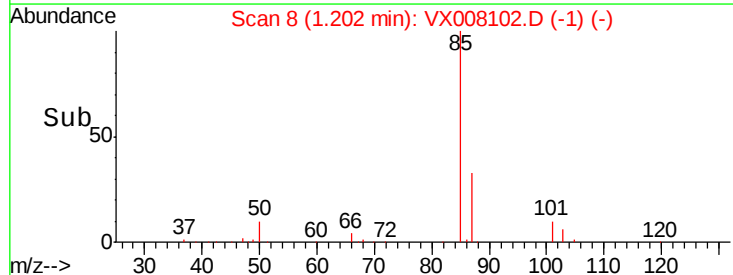
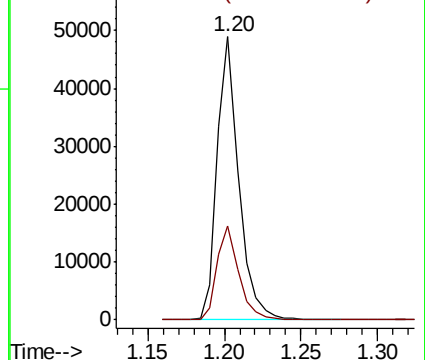
85 100

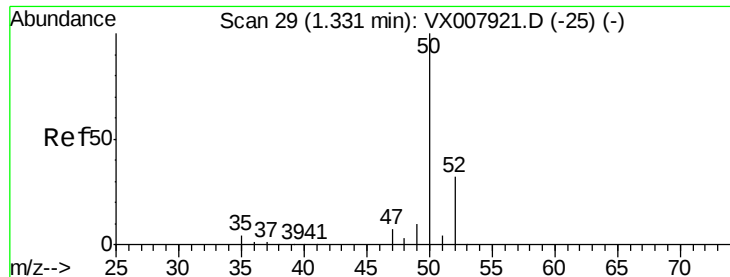
87 33.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.824 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

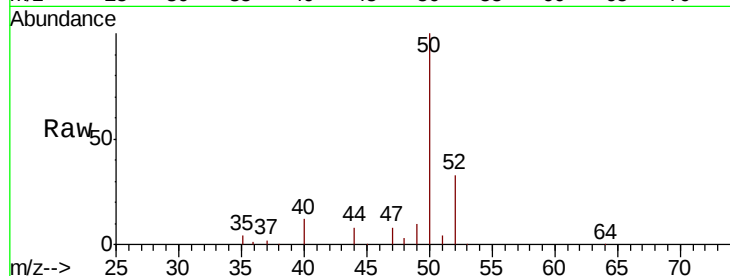
VSTDCCC020

Tgt Ion: 50 Resp: 43019

Ion Ratio Lower Upper

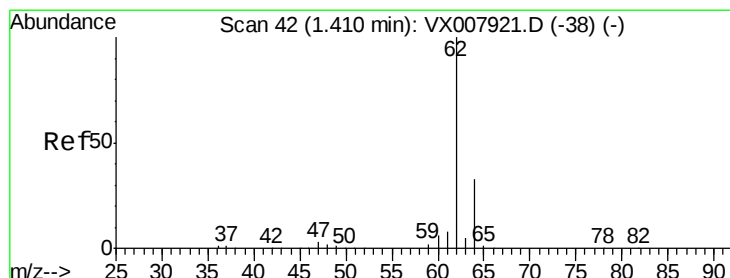
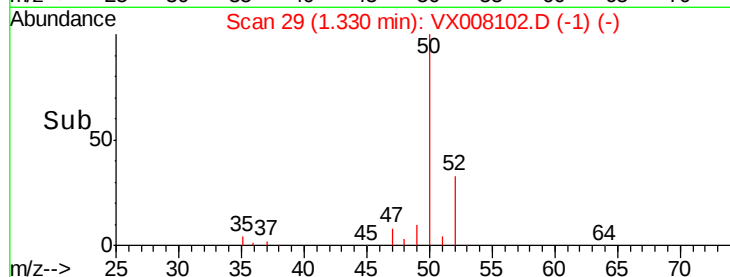
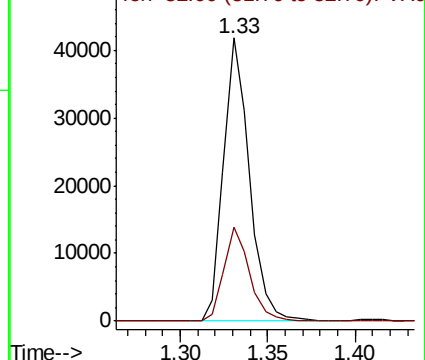
50 100

52 33.2 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 15.495 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008102.D

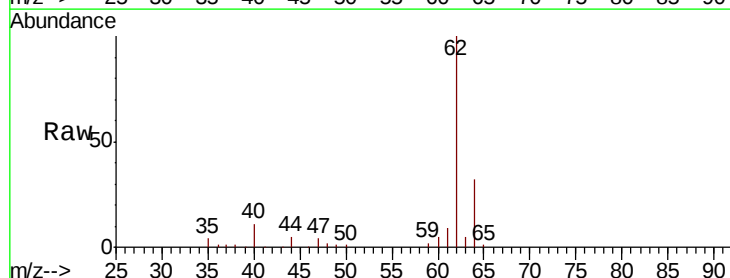
Acq: 15 Mar 2019 12:20

Tgt Ion: 62 Resp: 44542

Ion Ratio Lower Upper

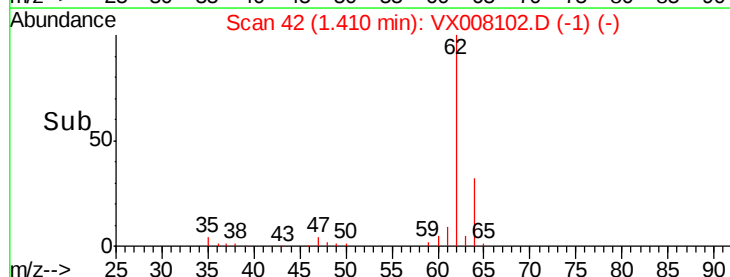
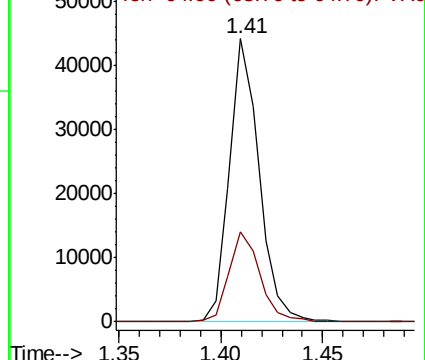
62 100

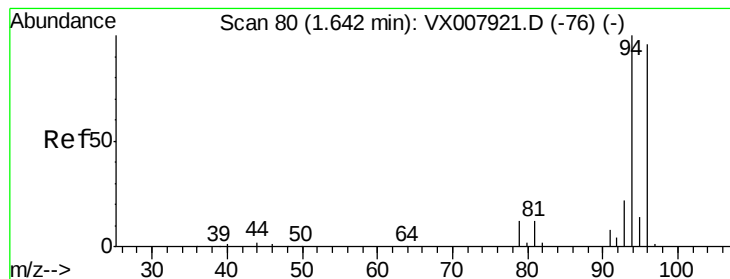
64 31.9 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.673 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

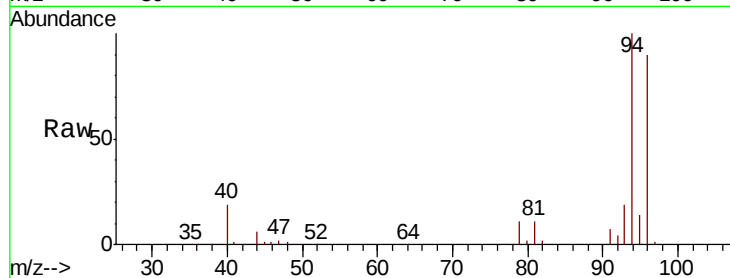
VSTDCCC020

Tgt Ion: 94 Resp: 28193

Ion Ratio Lower Upper

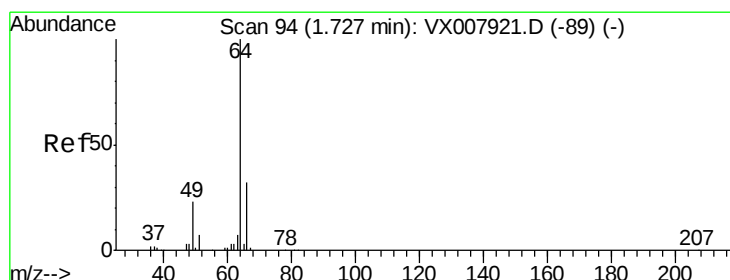
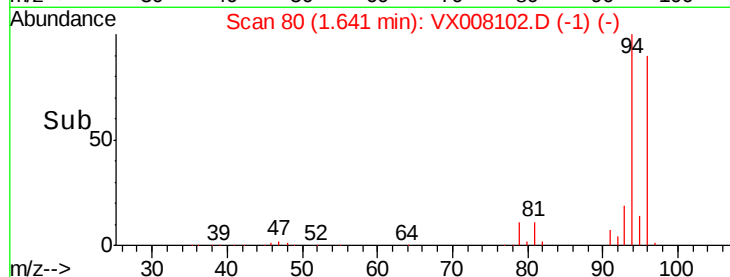
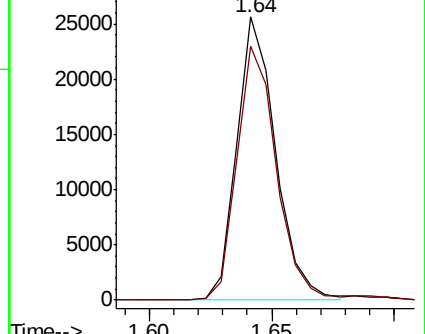
94 100

96 89.6 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.410 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008102.D

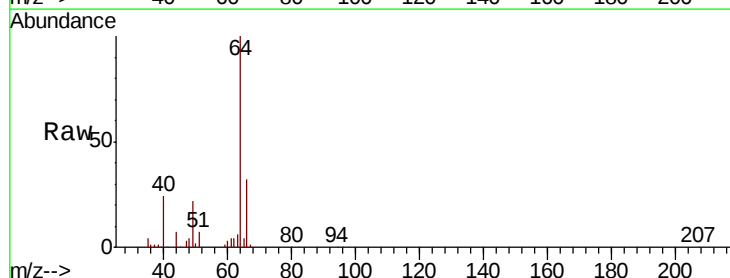
Acq: 15 Mar 2019 12:20

Tgt Ion: 64 Resp: 27549

Ion Ratio Lower Upper

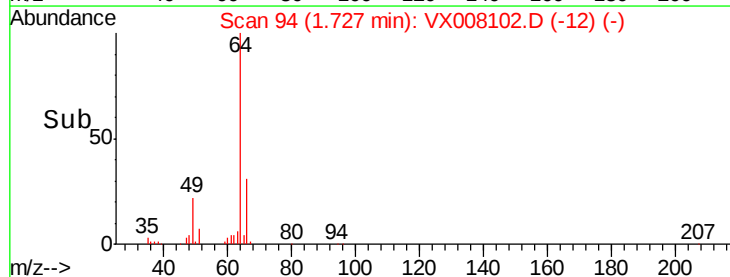
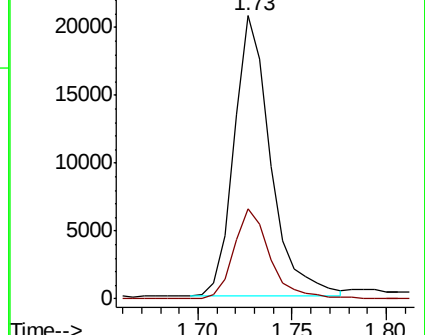
64 100

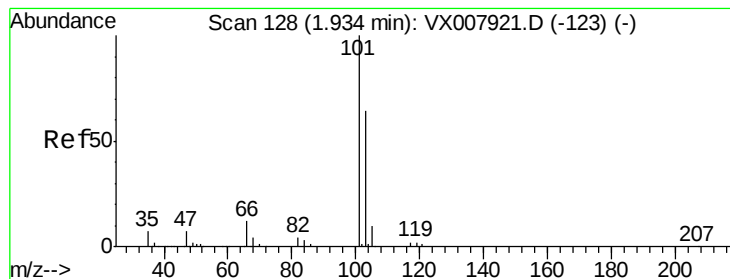
66 32.2 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



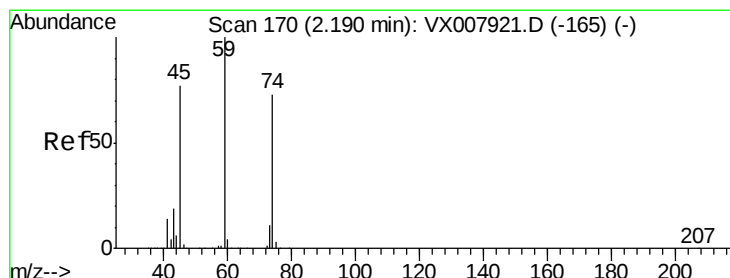
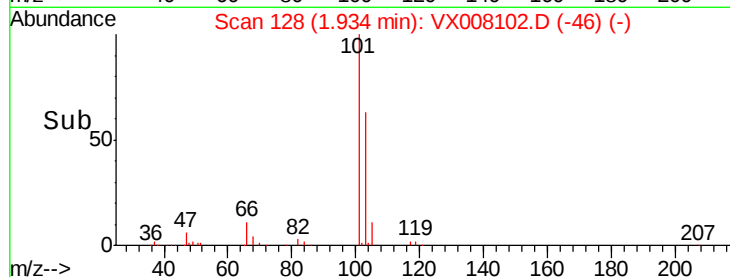
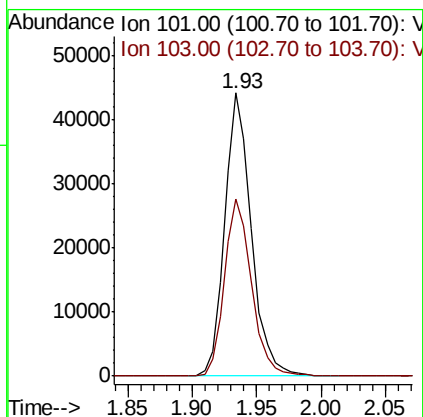
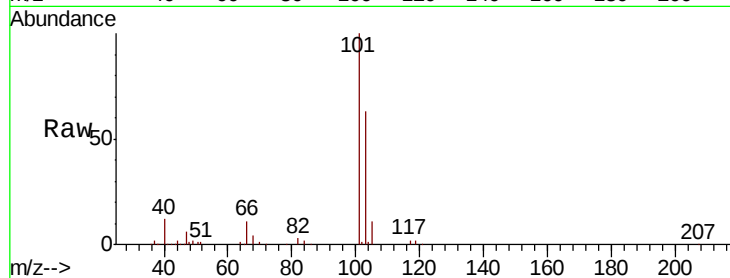


#7

Trichlorofluoromethane
 Concen: 17.916 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Instrument :
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 VSTDCCC020

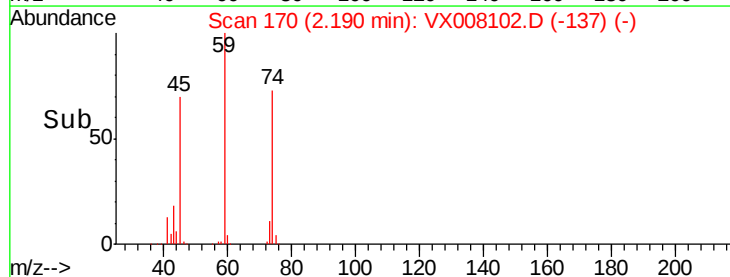
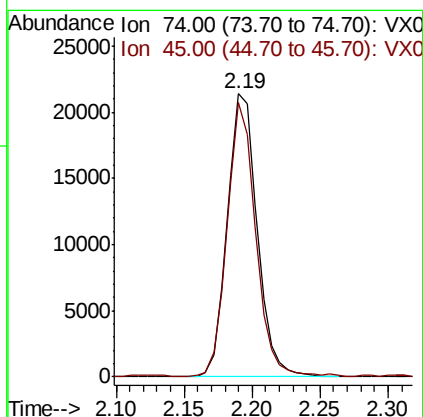
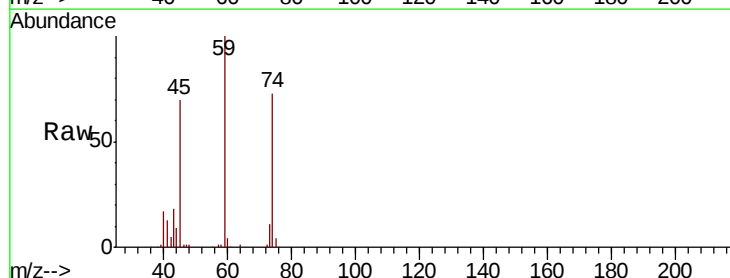
Tgt Ion:101 Resp: 64131
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.4 75.6

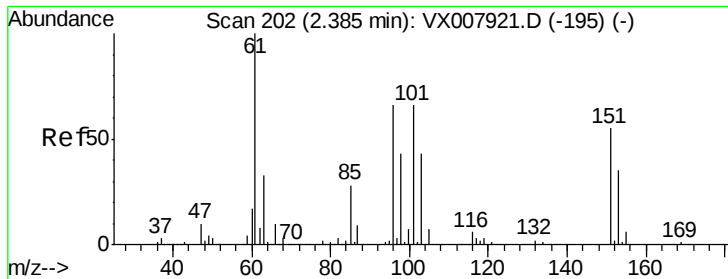


#8

Diethyl Ether
 Concen: 17.751 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 74 Resp: 32723
 Ion Ratio Lower Upper
 74 100
 45 92.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.775 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

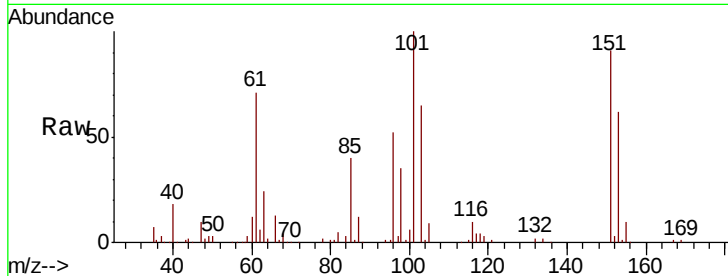
Tgt Ion: 101 Resp: 53219

Ion Ratio Lower Upper

101 100

85 40.3 0.0 86.8

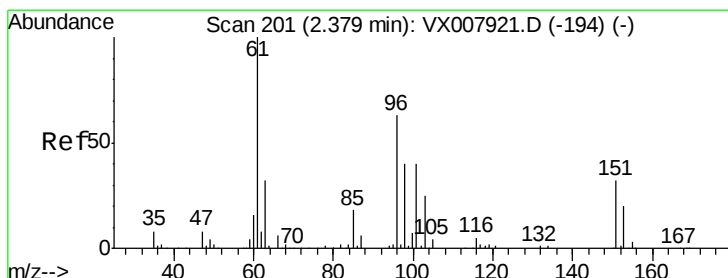
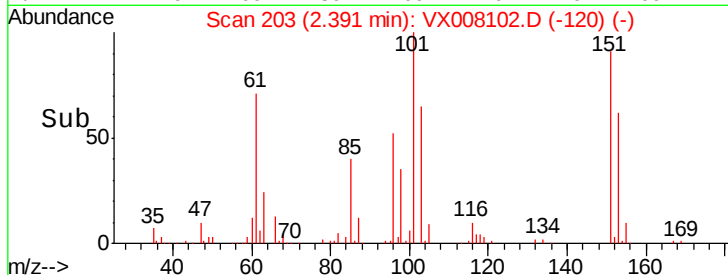
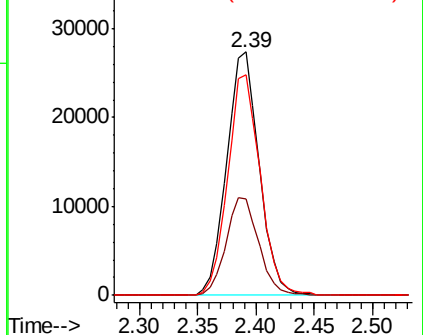
151 90.7 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.011 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

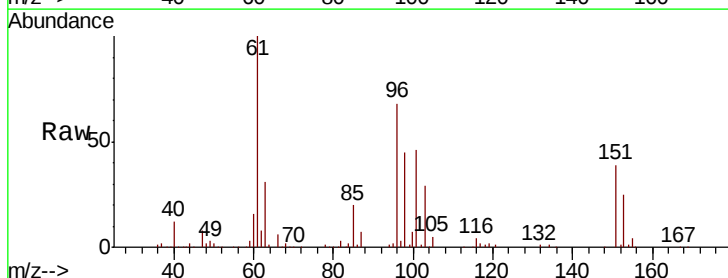
Tgt Ion: 96 Resp: 48493

Ion Ratio Lower Upper

96 100

61 146.0 120.2 180.2

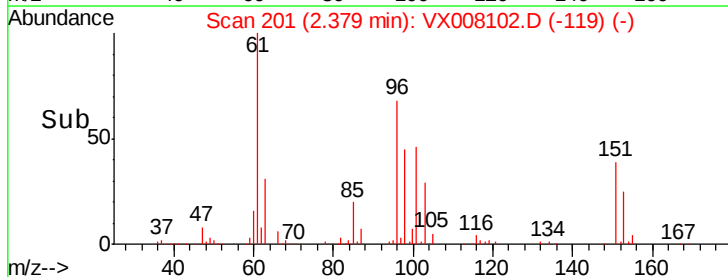
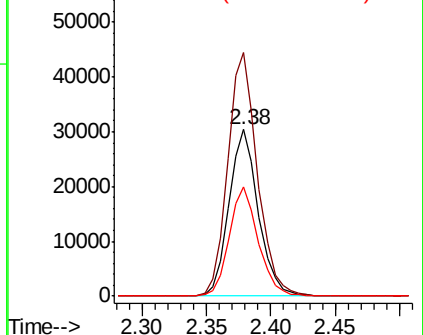
98 65.6 49.0 73.4

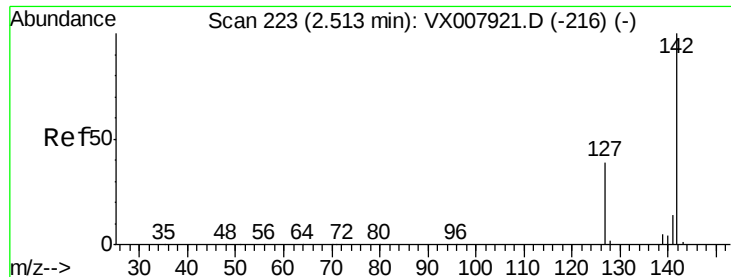


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

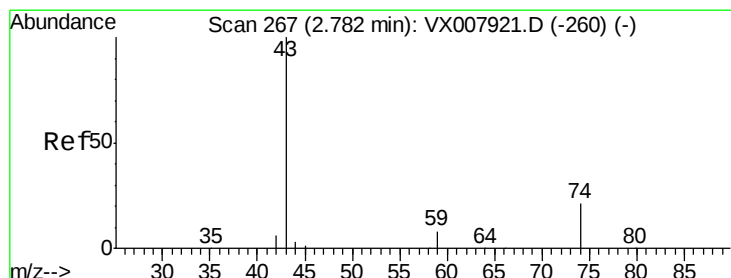
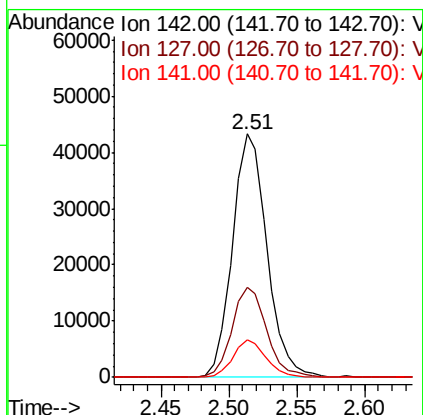
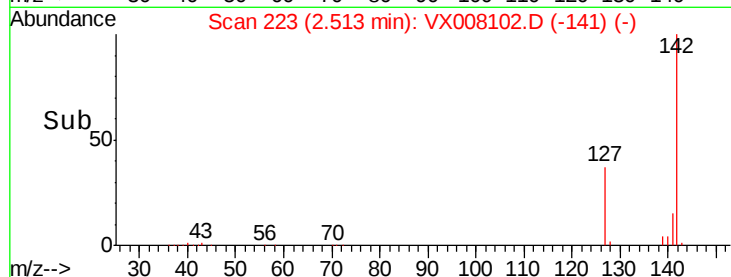
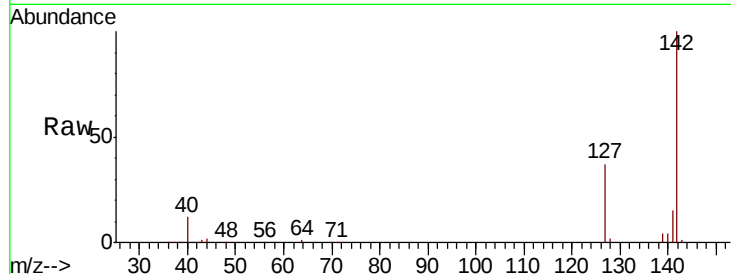




#11
Methyl Iodide
Concen: 19.165 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

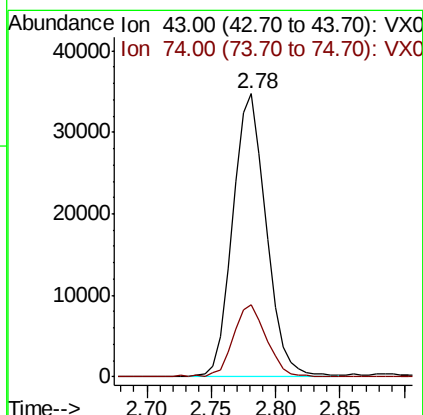
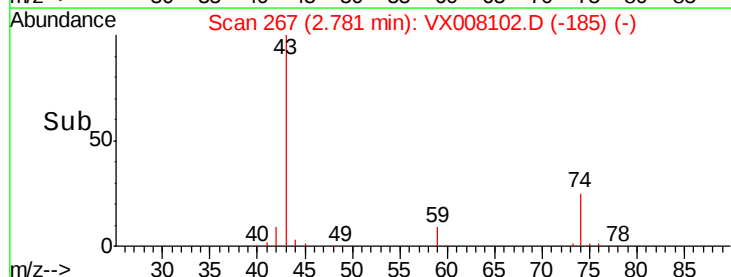
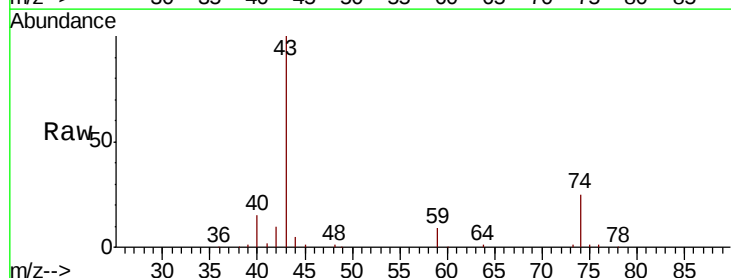
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

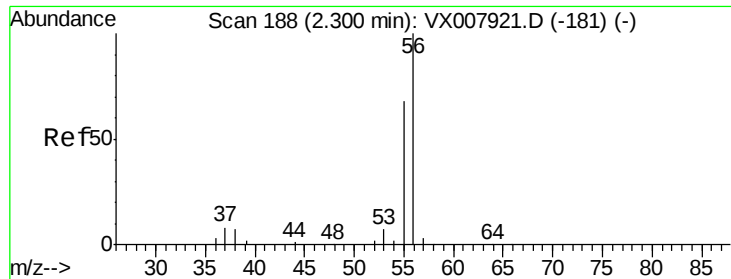
Tgt Ion: 142 Resp: 76528
Ion Ratio Lower Upper
142 100
127 36.7 22.1 66.5
141 15.3 7.4 22.3



#12
Methyl Acetate
Concen: 15.395 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 43 Resp: 62106
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0





#13

Acrolein

Concen: 76.467 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

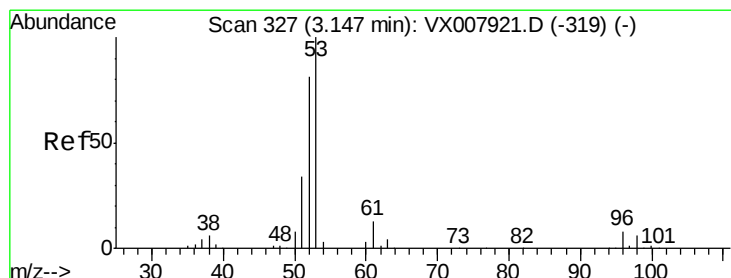
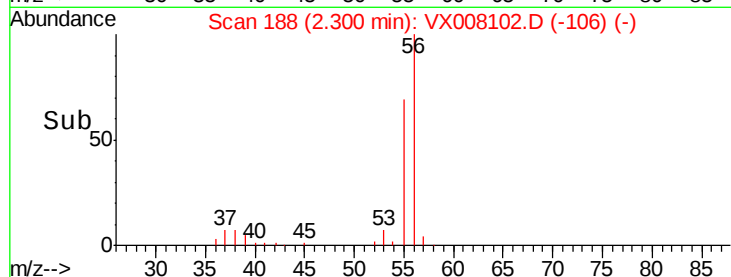
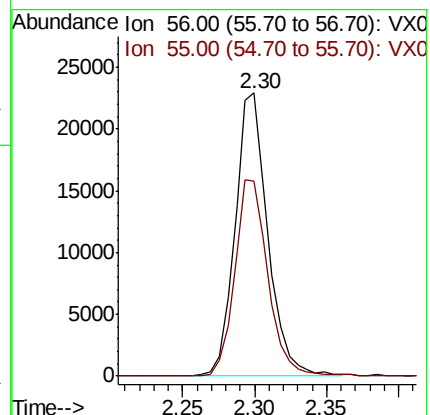
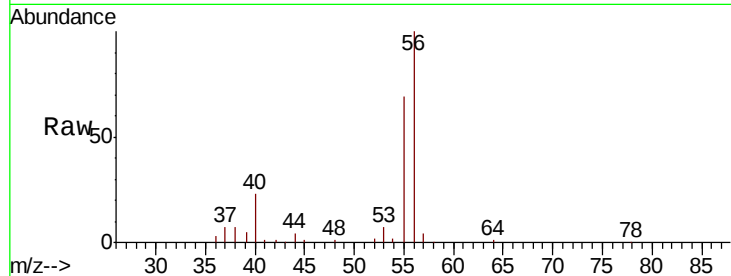
VSTDCCC020

Tgt Ion: 56 Resp: 36191

Ion Ratio Lower Upper

56 100

55 69.6 58.6 87.8



#14

Acrylonitrile

Concen: 83.229 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

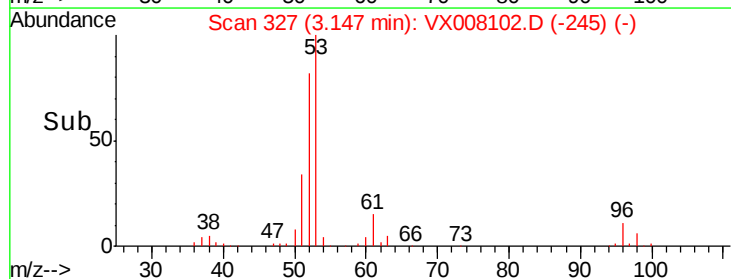
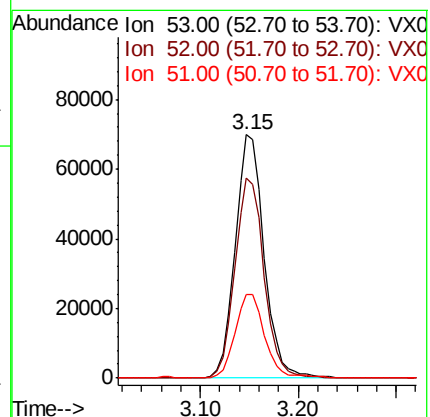
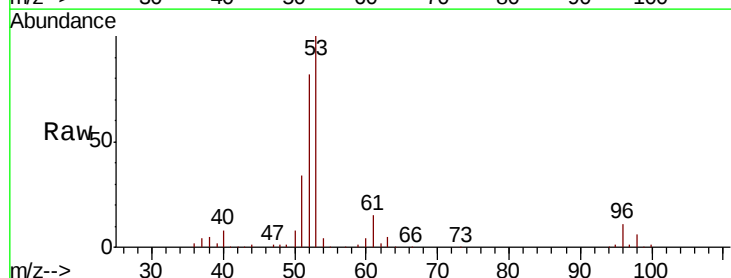
Tgt Ion: 53 Resp: 142530

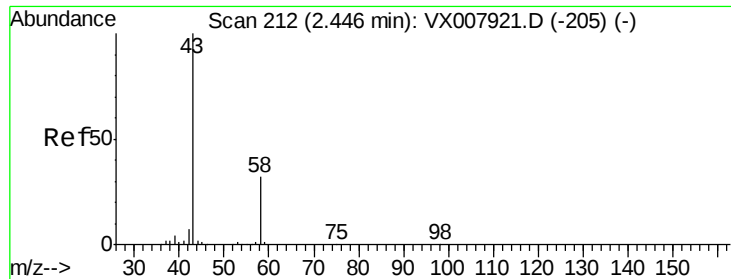
Ion Ratio Lower Upper

53 100

52 83.2 41.3 124.1

51 35.5 17.5 52.6

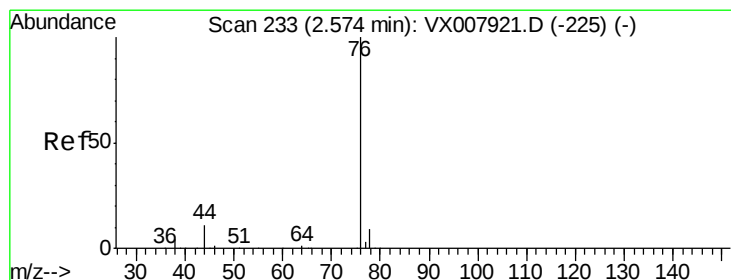
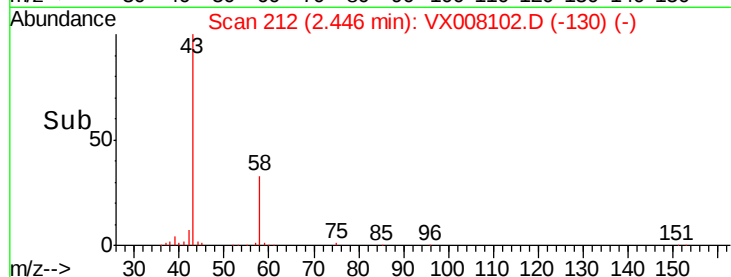
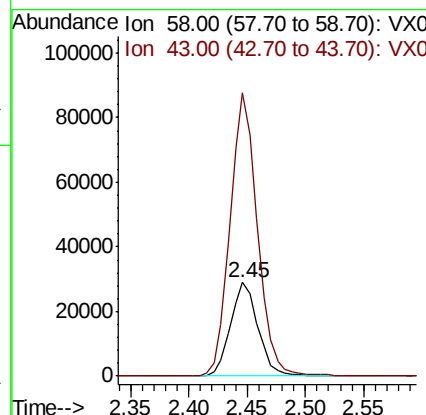
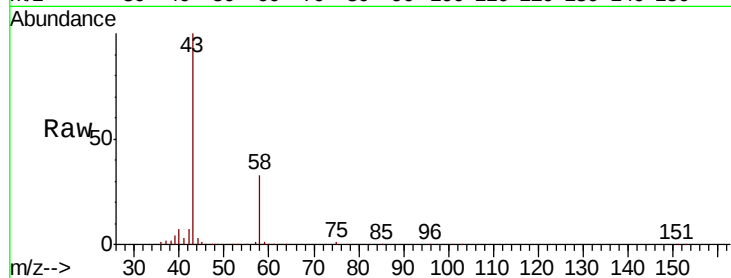




#15
Acetone
Concen: 76.853 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

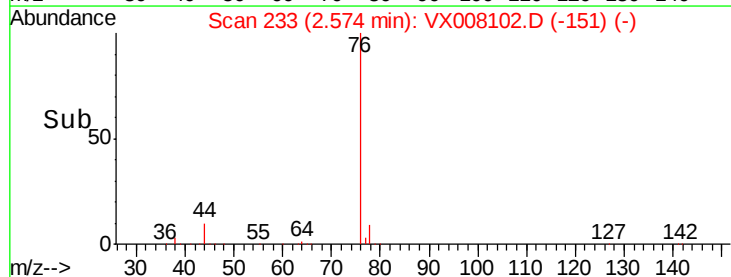
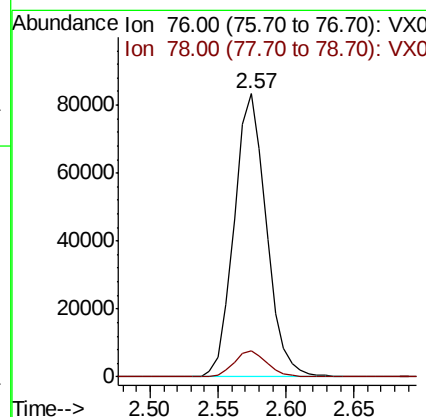
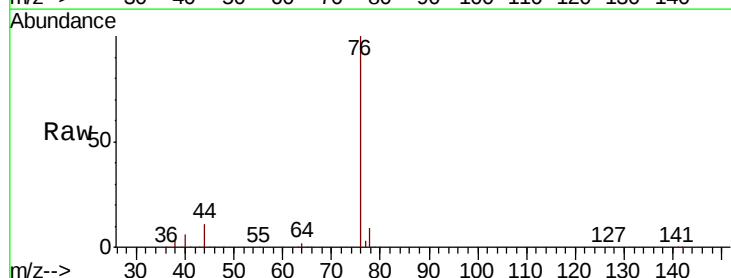
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

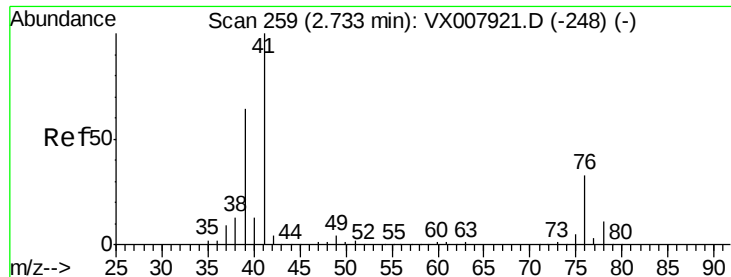
Tgt Ion: 58 Resp: 47517
Ion Ratio Lower Upper
58 100
43 301.8 249.8 374.6



#16
Carbon Disulfide
Concen: 17.168 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 76 Resp: 137394
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

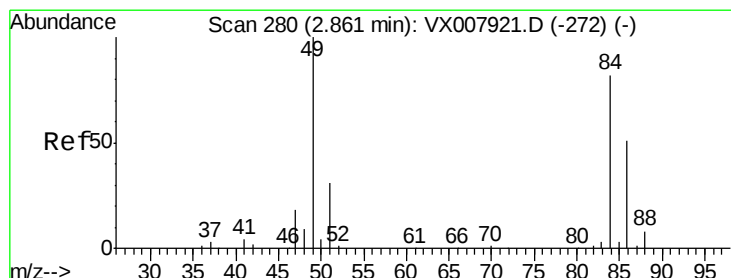
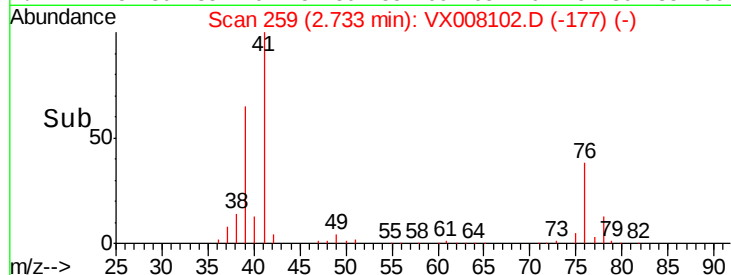
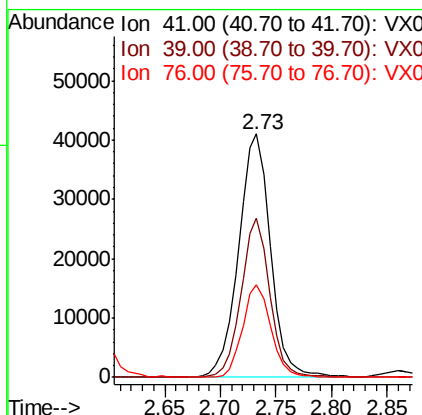
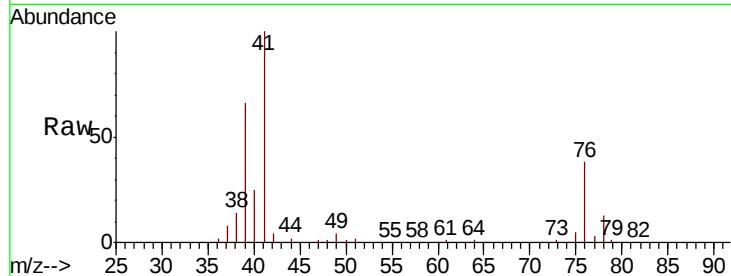




#17
 Allyl chloride
 Concen: 15.537 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

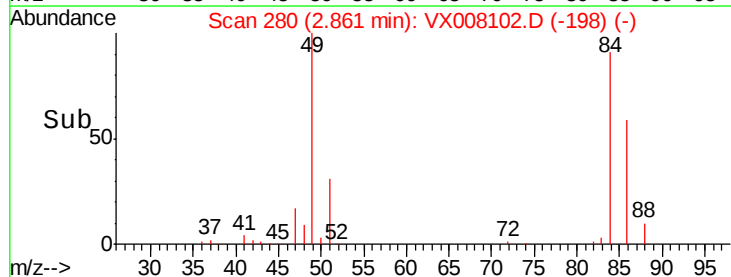
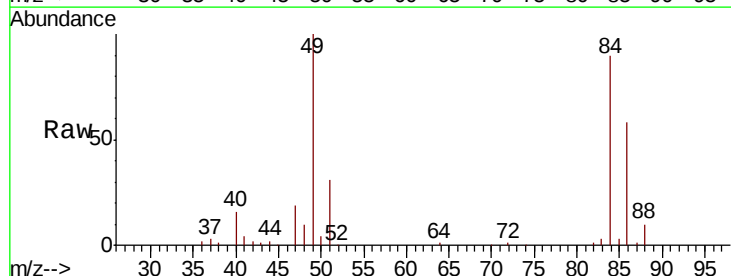
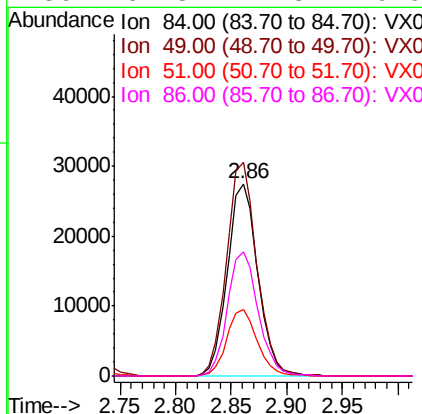
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

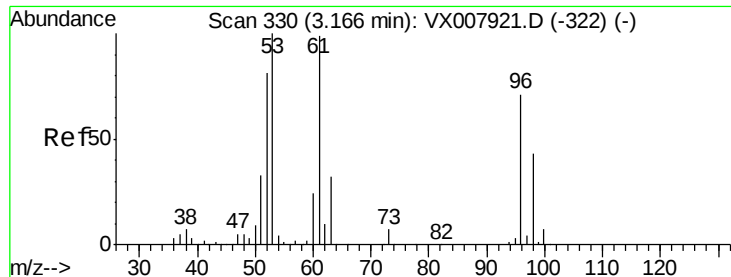
Tgt Ion: 41 Resp: 81253
 Ion Ratio Lower Upper
 41 100
 39 65.3 35.8 107.4
 76 38.1 18.3 54.9



#18
 Methylene Chloride
 Concen: 17.930 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 84 Resp: 52104
 Ion Ratio Lower Upper
 84 100
 49 110.9 96.1 144.1
 51 34.2 29.1 43.7
 86 64.8 47.3 70.9

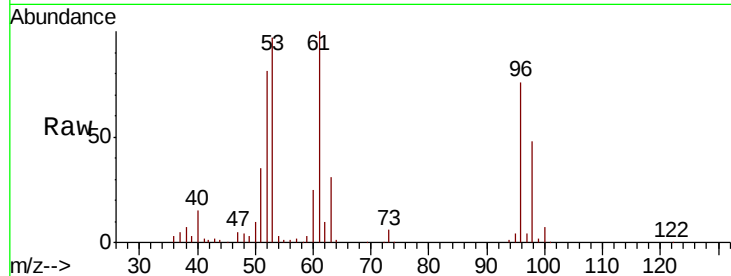




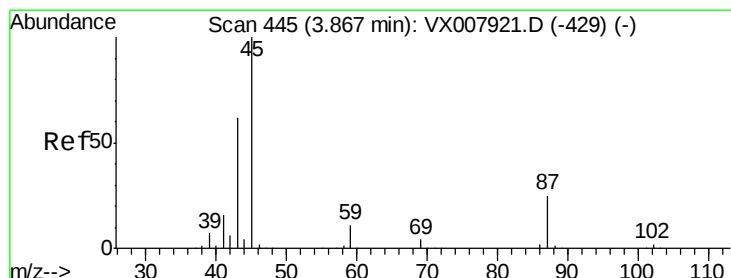
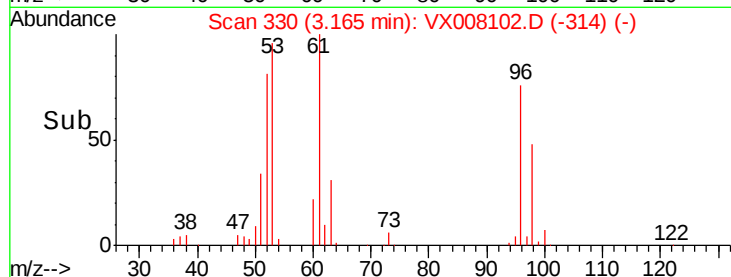
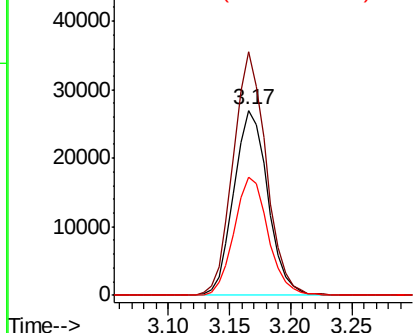
#19
trans-1,2-Dichloroethene
Concen: 19.347 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 52217
Ion Ratio Lower Upper
96 100
61 131.4 109.9 164.9
98 63.5 50.4 75.6

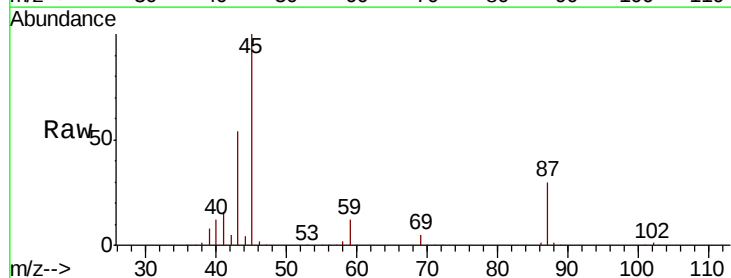


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

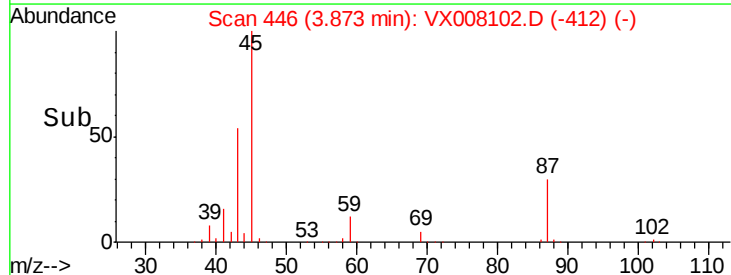
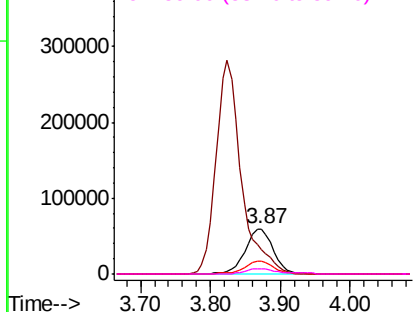


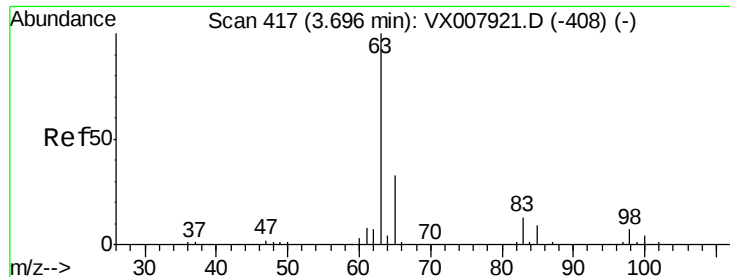
#20
Diisopropyl ether
Concen: 17.273 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 45 Resp: 165252
Ion Ratio Lower Upper
45 100
43 53.9 50.6 76.0
87 29.5 24.5 36.7
59 12.4 10.2 15.2



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





#21

1,1-Dichloroethane

Concen: 18.400 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

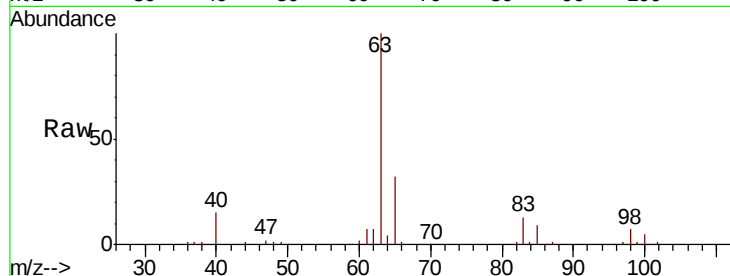
Tgt Ion: 63 Resp: 95738

Ion Ratio Lower Upper

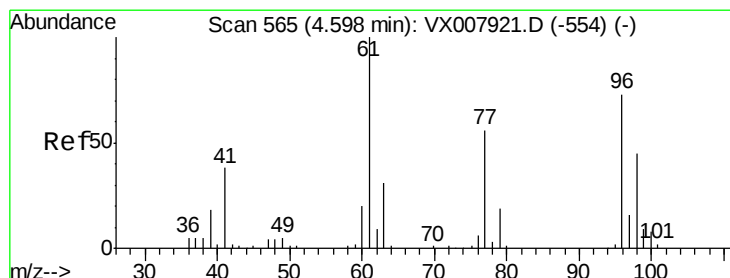
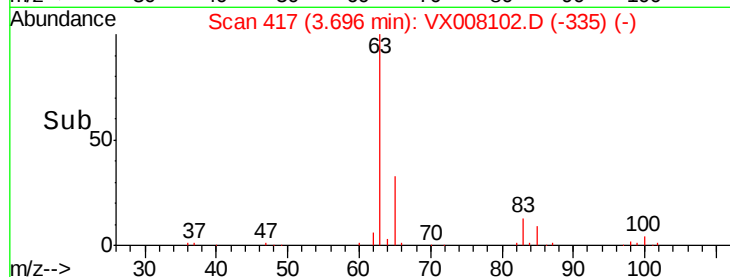
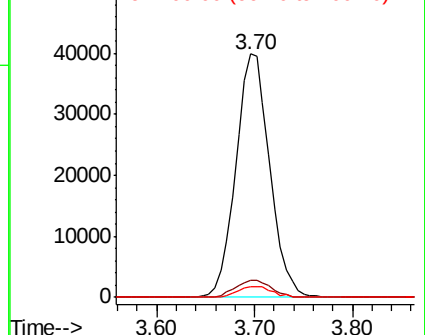
63 100

98 7.0 3.8 11.4

100 4.5 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.198 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

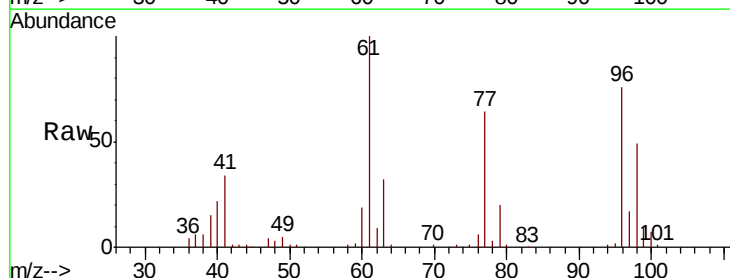
Tgt Ion: 96 Resp: 59770

Ion Ratio Lower Upper

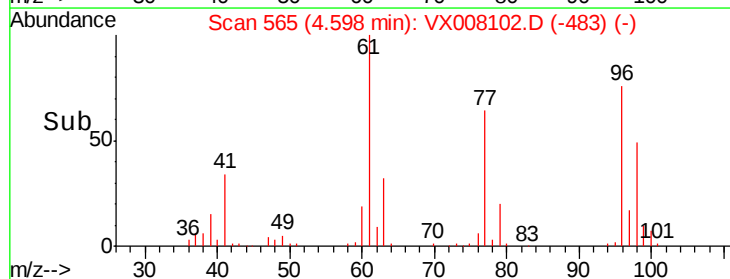
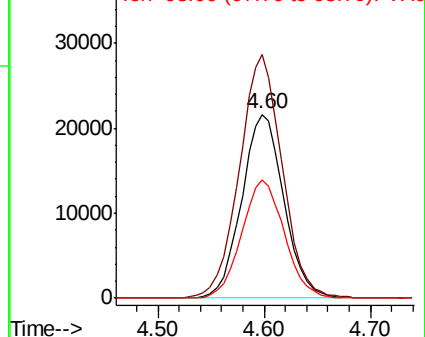
96 100

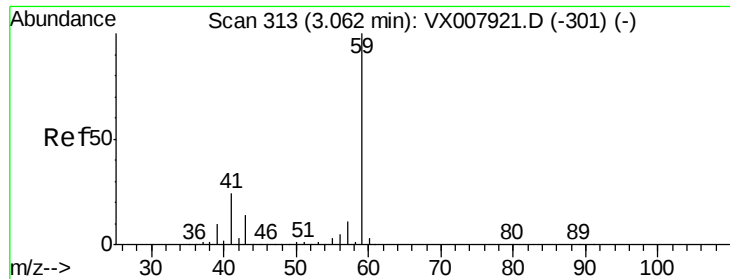
61 134.8 103.5 155.3

98 65.2 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

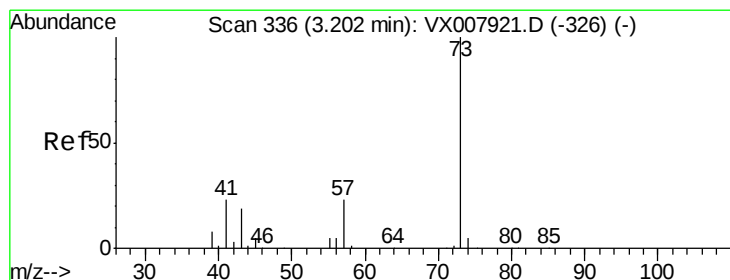
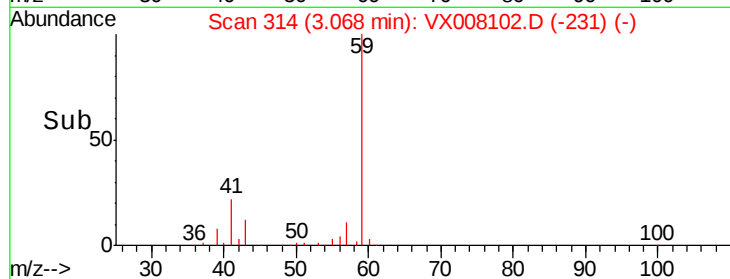
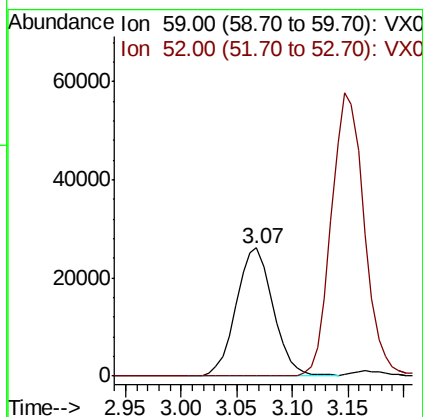
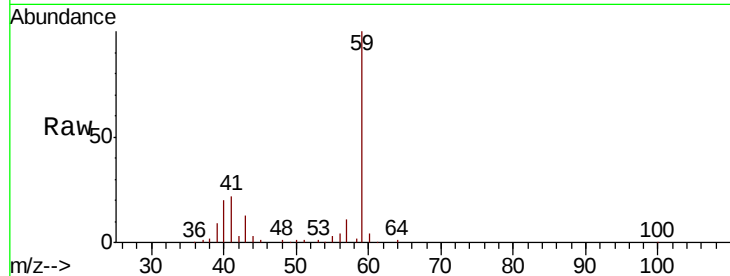




#23
 tert-Butyl Alcohol
 Concen: 87.273 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

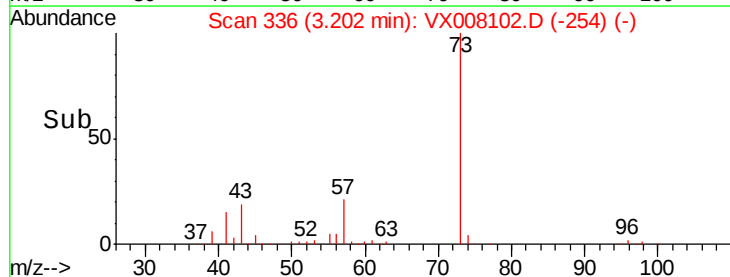
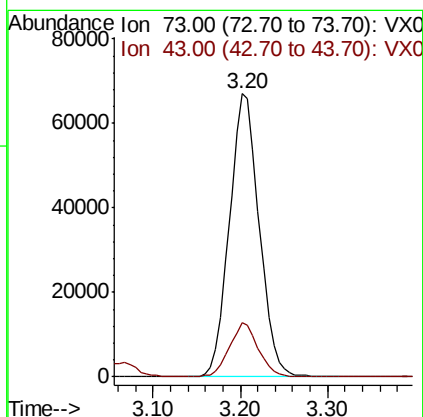
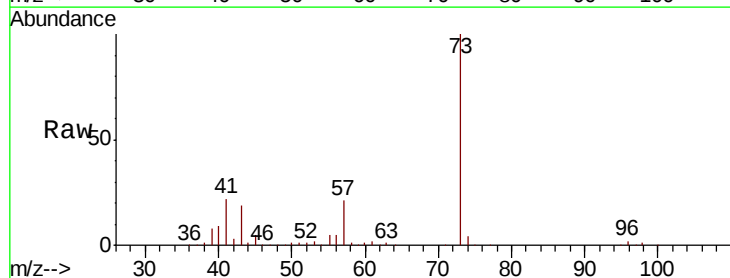
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

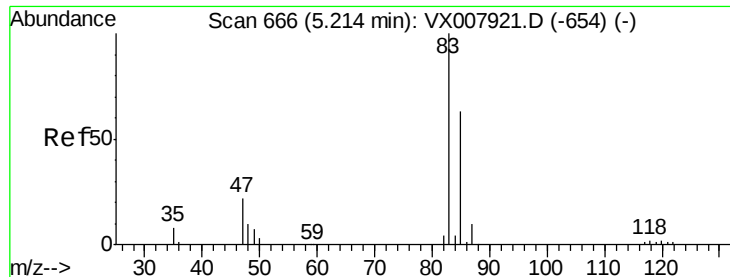
Tgt Ion: 59 Resp: 60295
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 18.064 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 73 Resp: 158427
 Ion Ratio Lower Upper
 73 100
 43 18.3 17.1 25.7





#25

Chloroform

Concen: 19.180 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

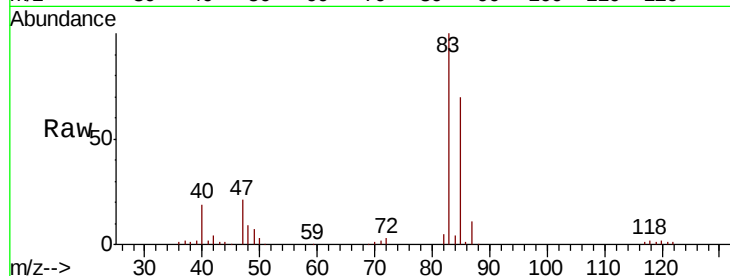
VSTDCCC020

Tgt Ion: 83 Resp: 94197

Ion Ratio Lower Upper

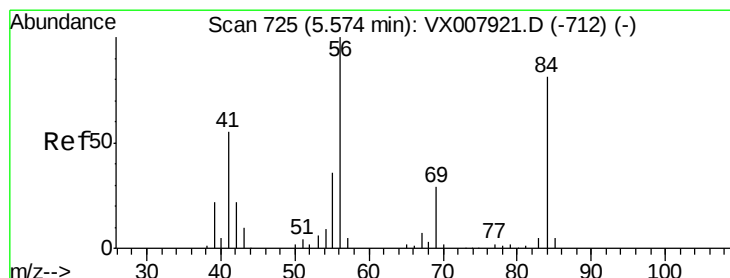
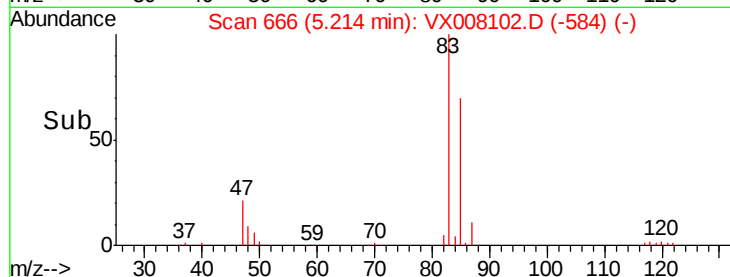
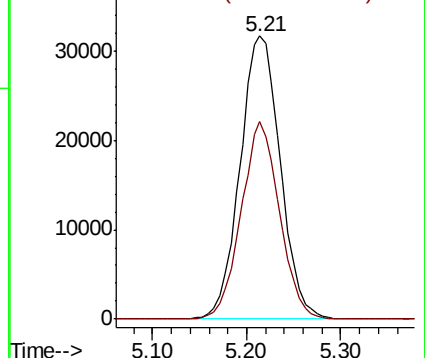
83 100

85 69.7 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.139 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

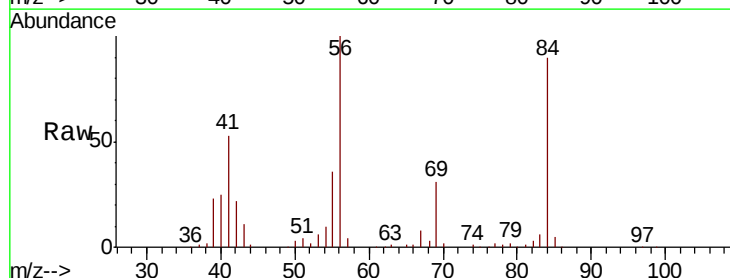
Tgt Ion: 56 Resp: 87215

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

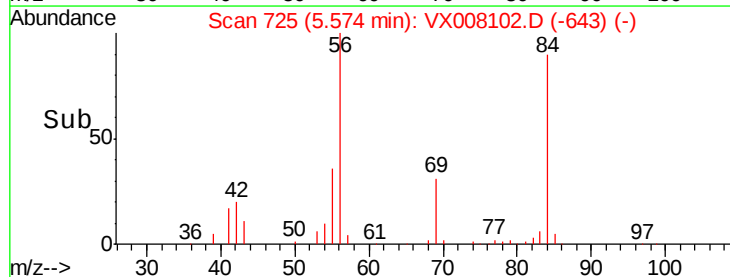
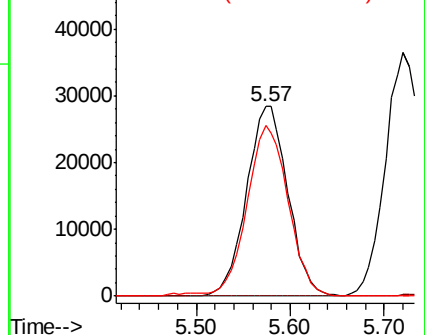
84 88.6 73.9 110.9

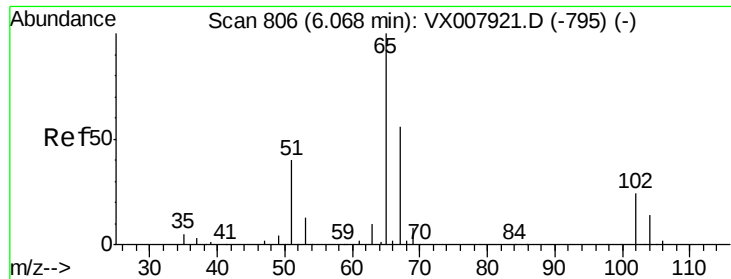


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

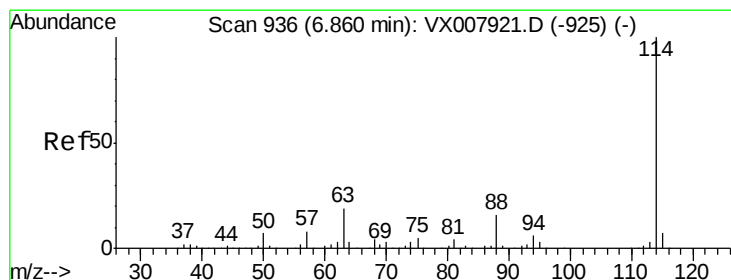
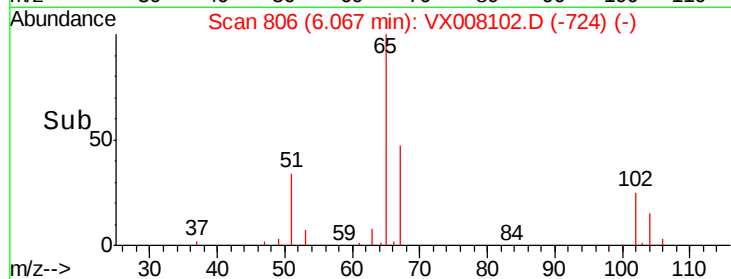
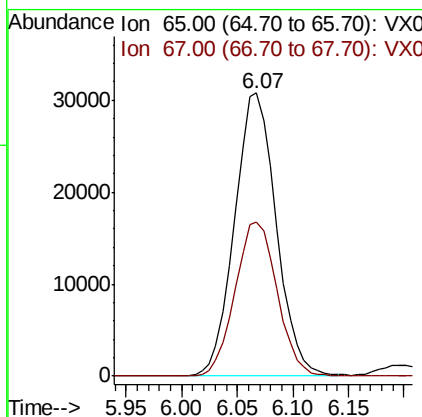
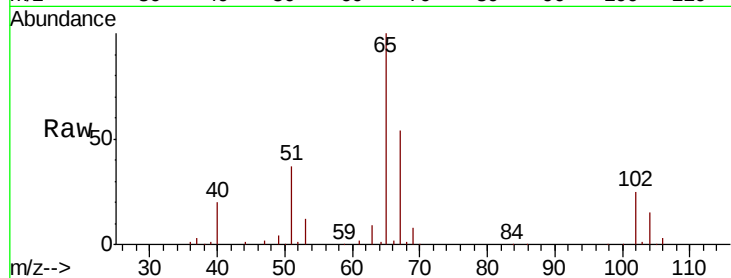




#27
 1,2-Dichloroethane-d4
 Concen: 27.730 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

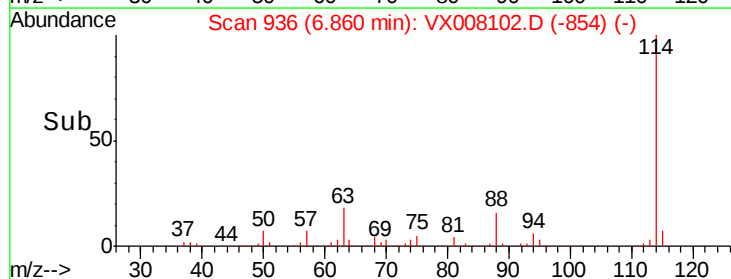
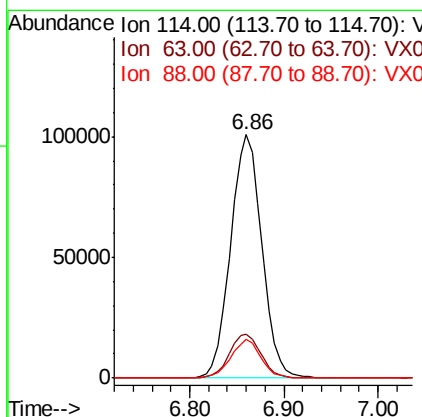
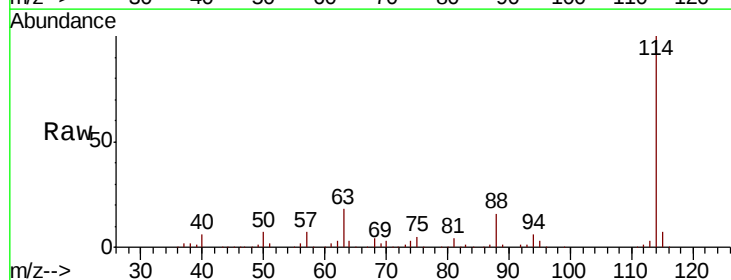
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

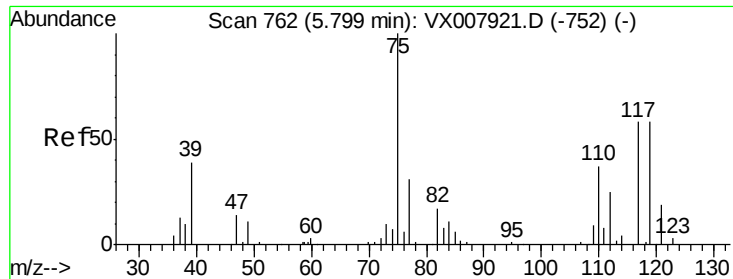
Tgt Ion: 65 Resp: 80124
 Ion Ratio Lower Upper
 65 100
 67 55.2 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 114 Resp: 232951
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.2 21.4
 88 15.2 11.9 17.9

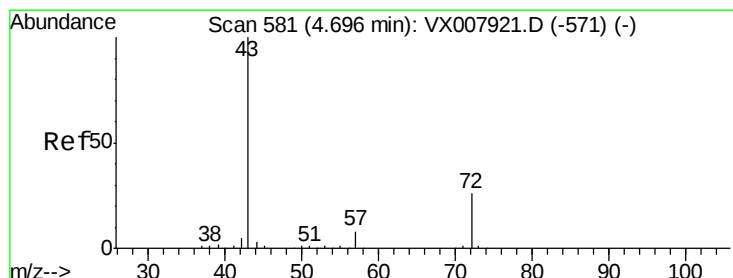
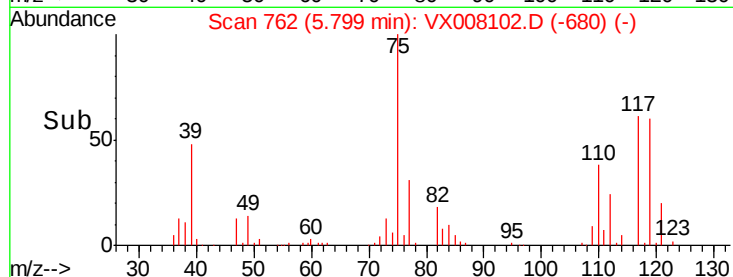
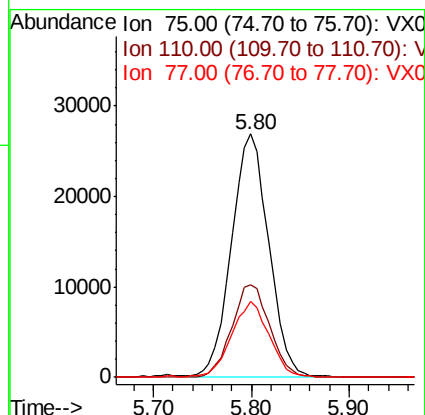
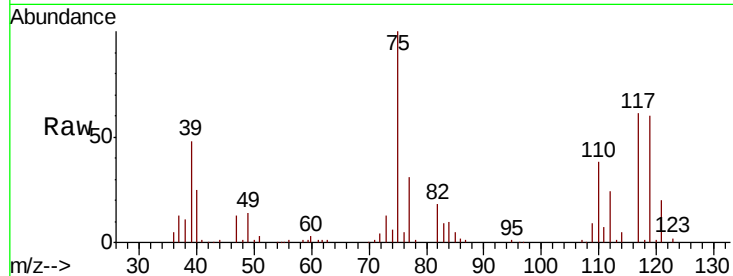




#29
 1,1-Dichloropropene
 Concen: 19.344 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

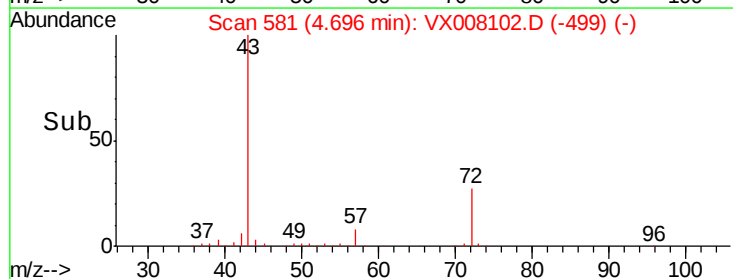
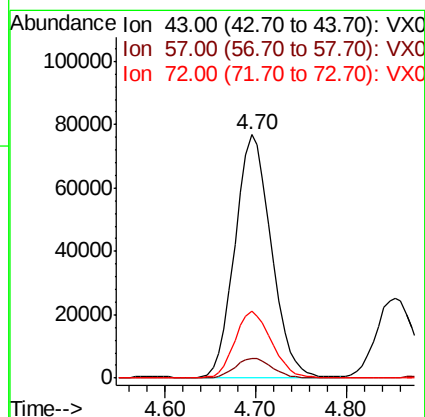
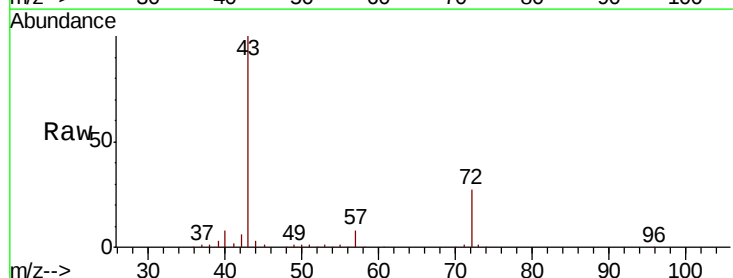
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

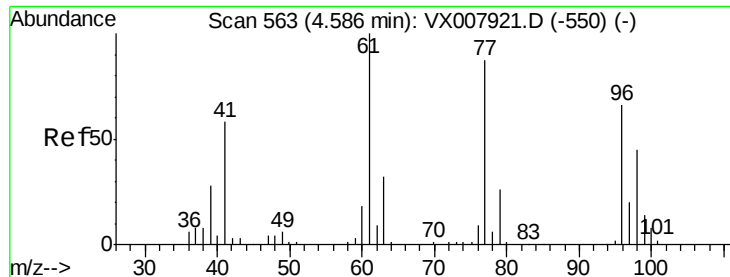
Tgt Ion: 75 Resp: 71451
 Ion Ratio Lower Upper
 75 100
 110 38.6 0.0 80.8
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 85.733 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 43 Resp: 213578
 Ion Ratio Lower Upper
 43 100
 57 8.4 7.0 10.6
 72 27.7 21.5 32.3

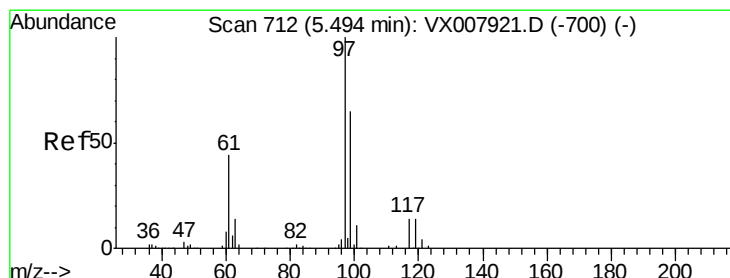
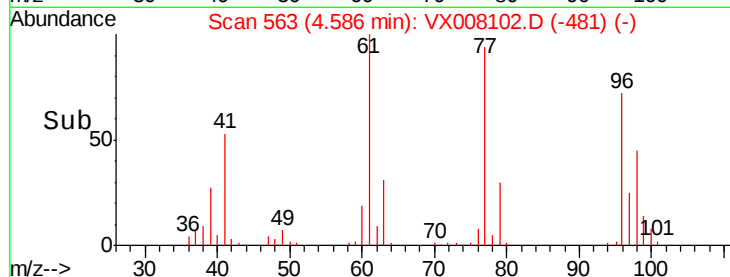
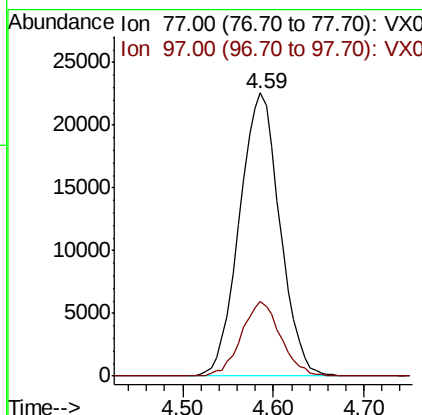
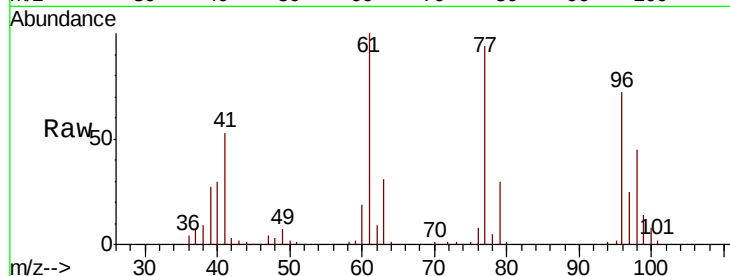




#31
 2,2-Dichloropropane
 Concen: 20.445 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

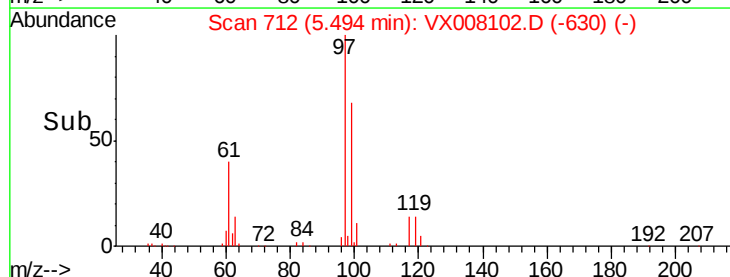
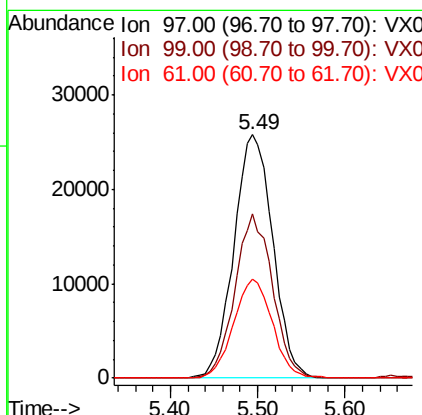
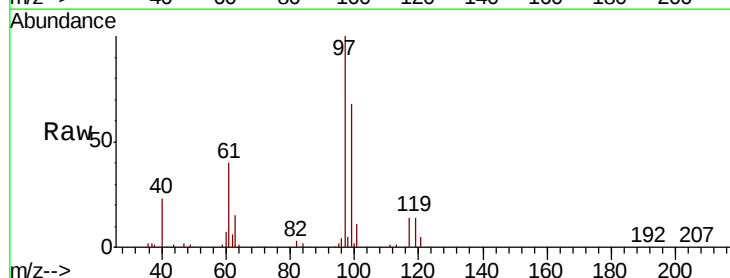
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

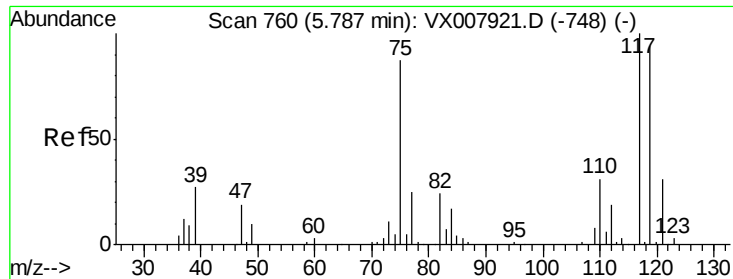
Tgt Ion: 77 Resp: 69749
 Ion Ratio Lower Upper
 77 100
 97 25.5 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.976 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 97 Resp: 79784
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.7 77.5
 61 40.5 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.987 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

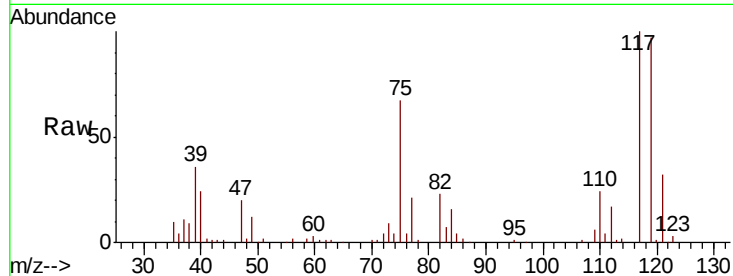
Tgt Ion:117 Resp: 70807

Ion Ratio Lower Upper

117 100

119 97.4 78.1 117.1

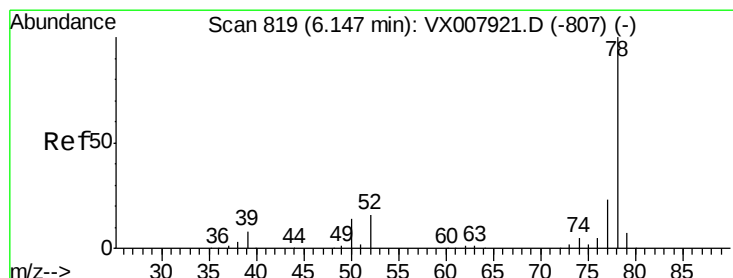
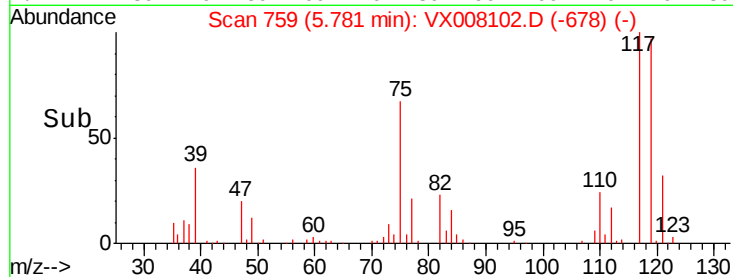
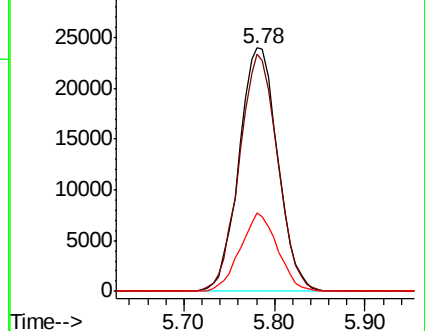
121 32.0 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.216 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

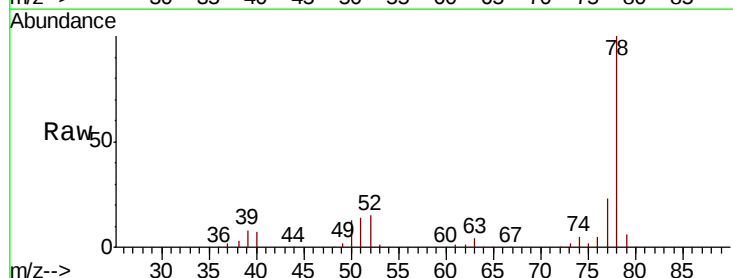
Tgt Ion: 78 Resp: 217508

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

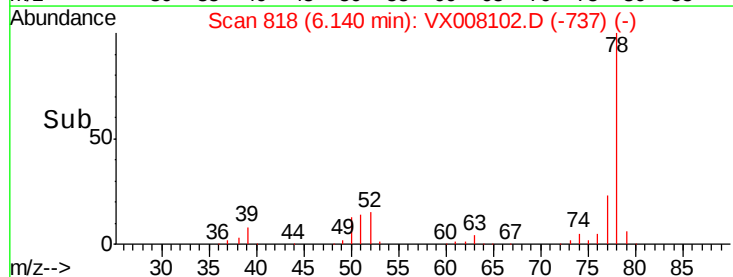
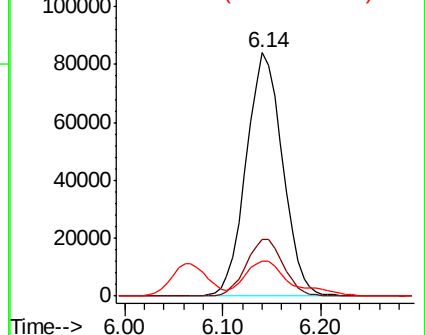
51 13.1 10.8 16.2

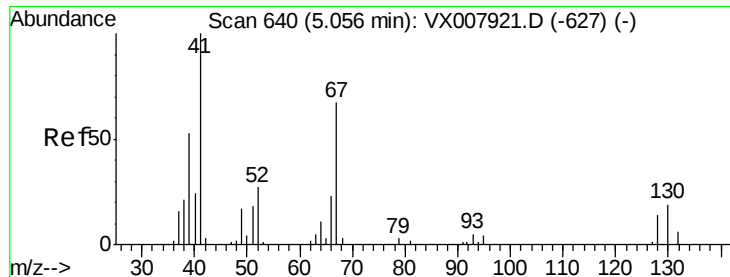


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

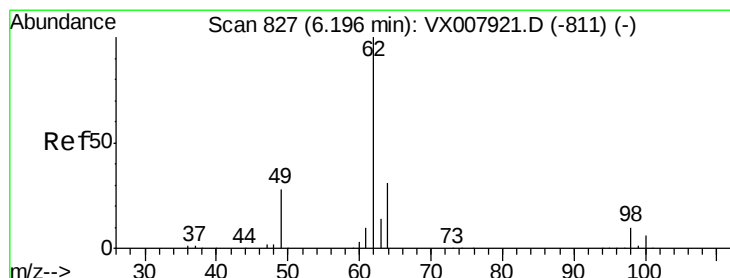
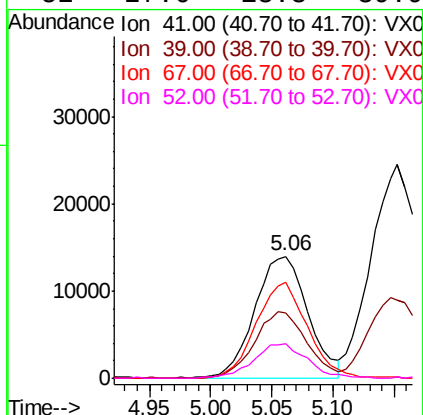
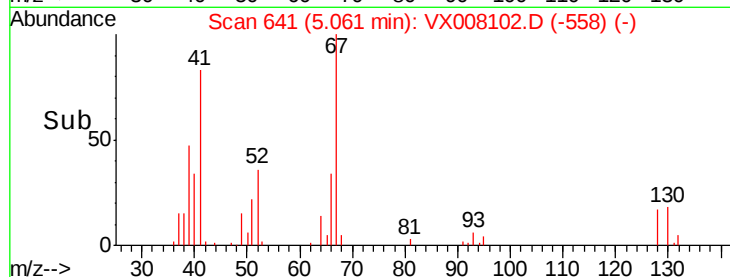
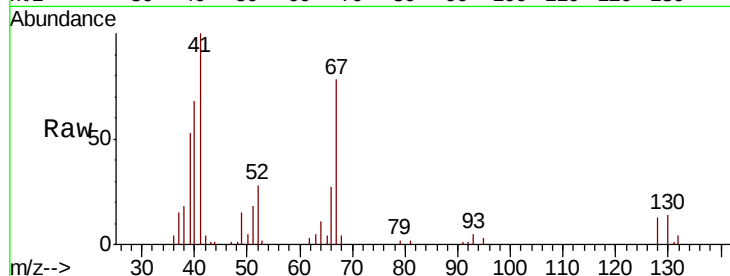




#35
Methacrylonitrile
Concen: 17.445 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

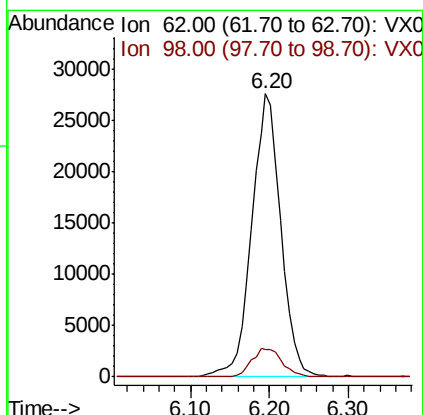
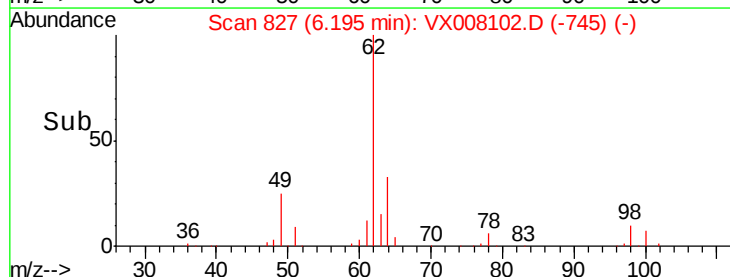
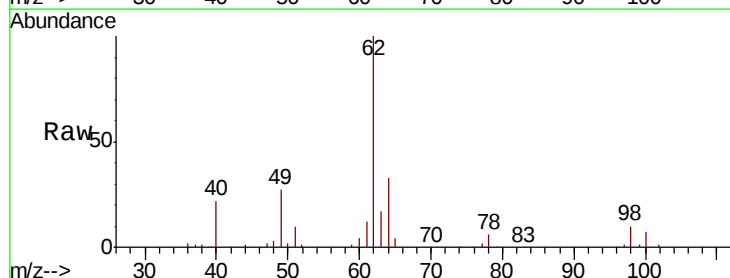
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

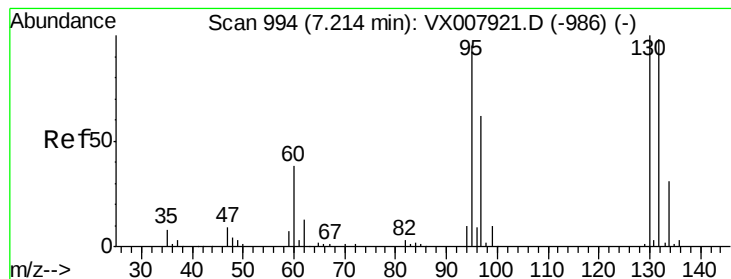
Tgt Ion:	41	Resp:	42349
Ion	Ratio	Lower	Upper
41	100		
39	53.6	27.4	82.0
67	78.5	37.9	113.6
52	27.6	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.172 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion:	62	Resp:	70605
Ion	Ratio	Lower	Upper
62	100		
98	10.6	7.8	11.8





#37

Trichloroethene

Concen: 20.793 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

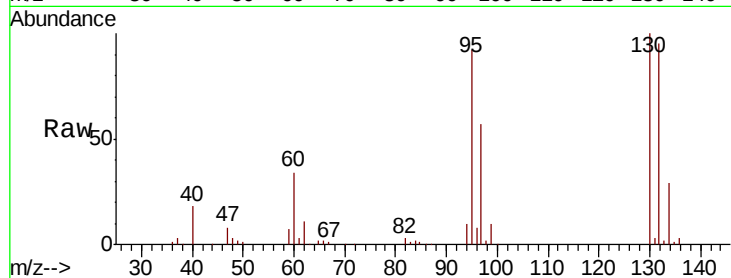
VSTDCCC020

Tgt Ion:130 Resp: 63767

Ion Ratio Lower Upper

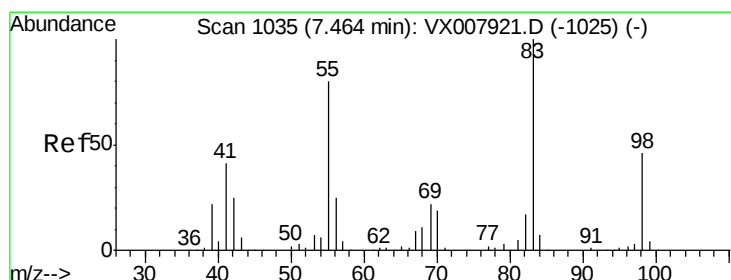
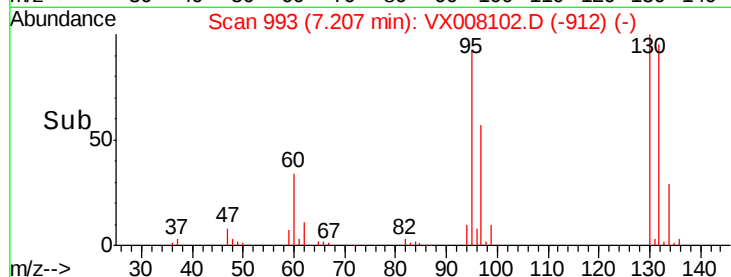
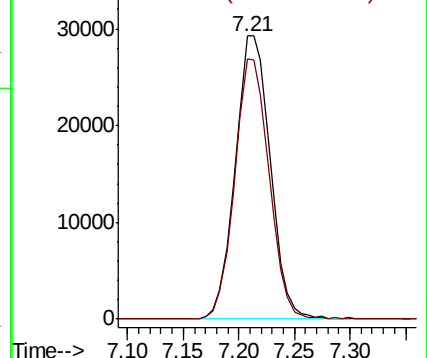
130 100

95 91.9 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.803 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

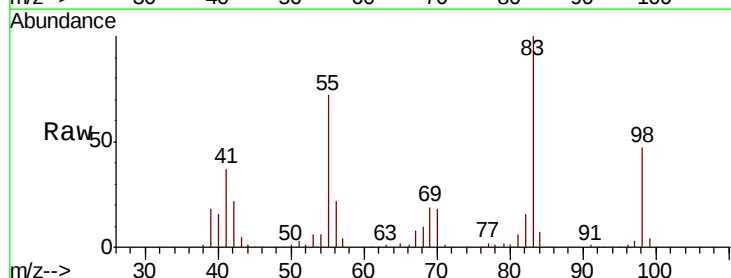
Tgt Ion: 83 Resp: 92998

Ion Ratio Lower Upper

83 100

55 73.5 36.0 108.0

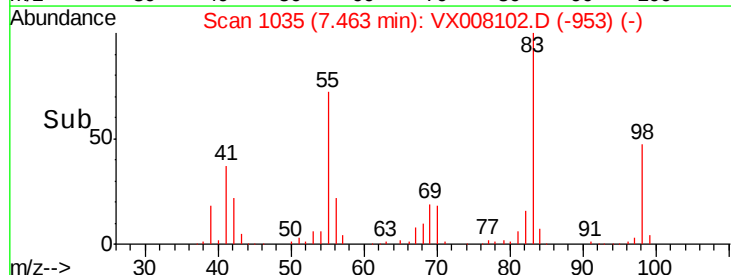
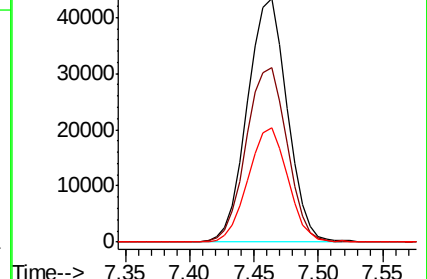
98 46.8 23.8 71.4

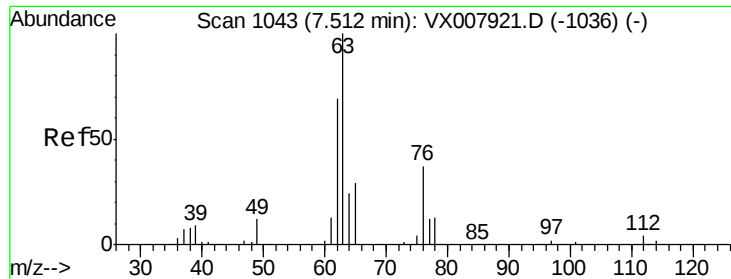


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

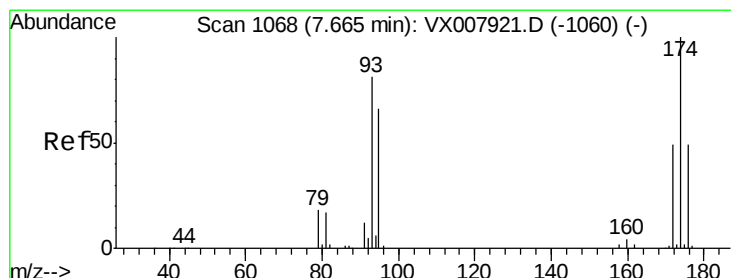
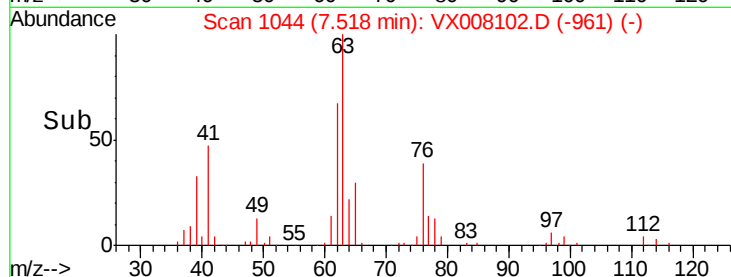
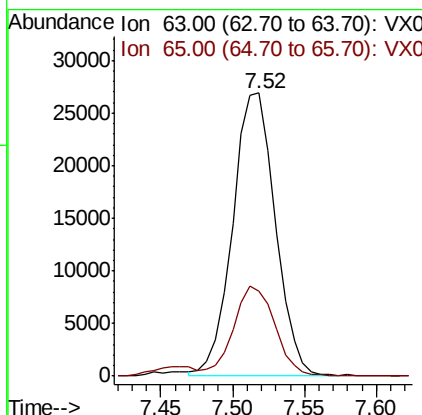
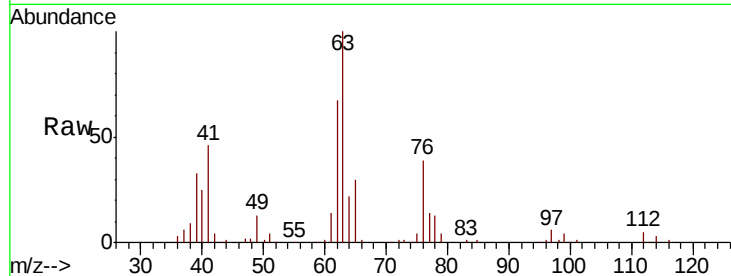




#39
 1,2-Dichloropropane
 Concen: 18.810 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

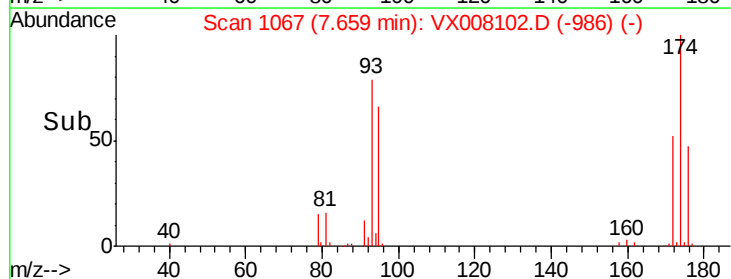
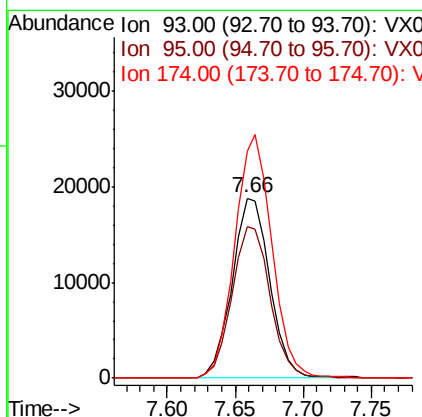
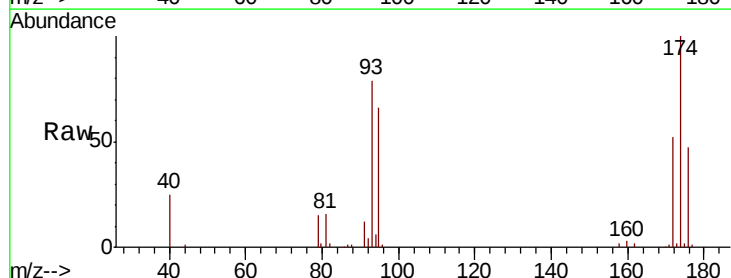
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

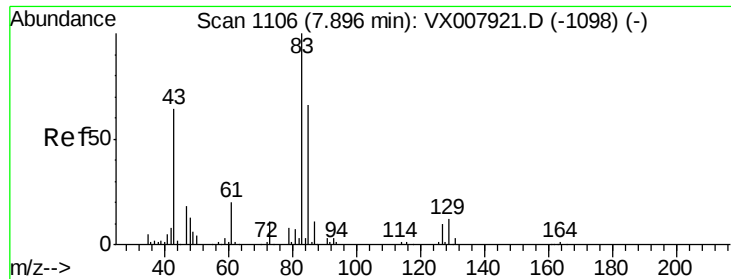
Tgt Ion: 63 Resp: 55527
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#40
 Dibromomethane
 Concen: 19.453 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 93 Resp: 36425
 Ion Ratio Lower Upper
 93 100
 95 85.4 0.0 158.8
 174 133.0 0.0 224.2

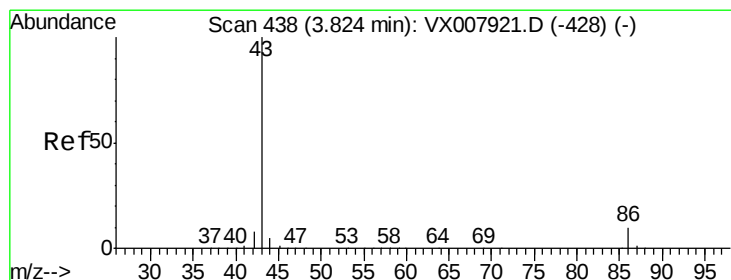
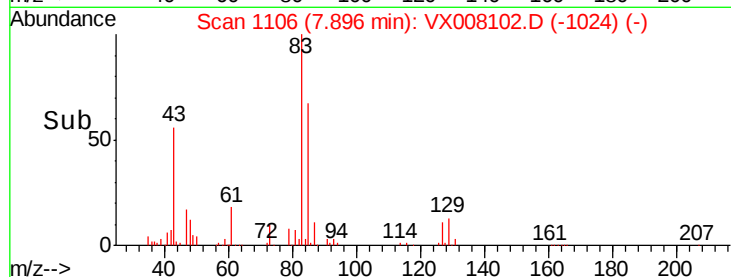
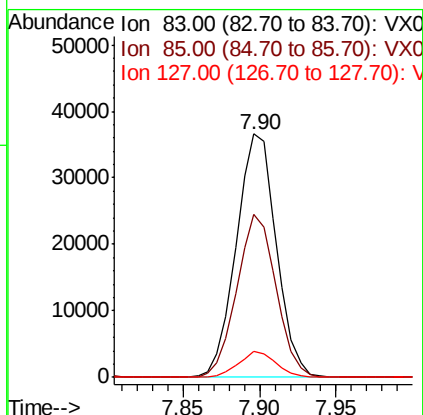
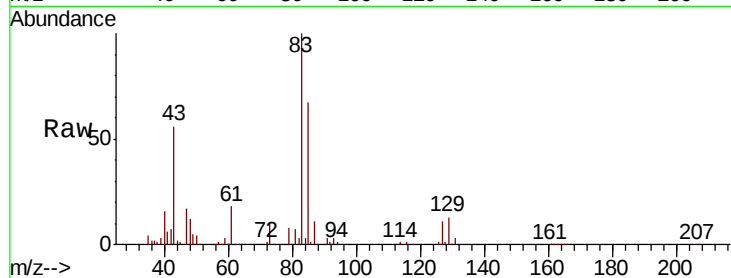




#41
Bromodichloromethane
Concen: 18.805 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

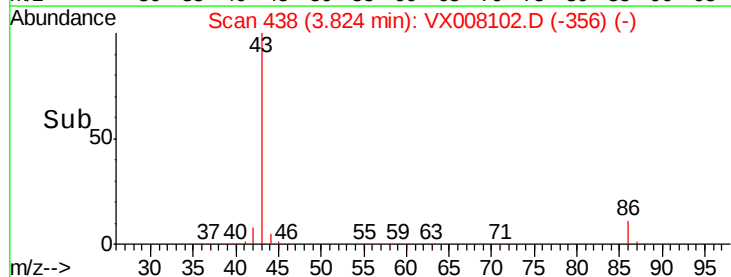
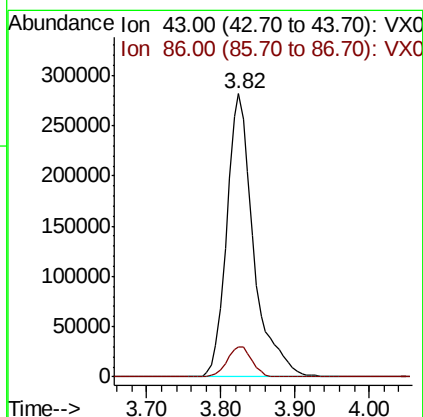
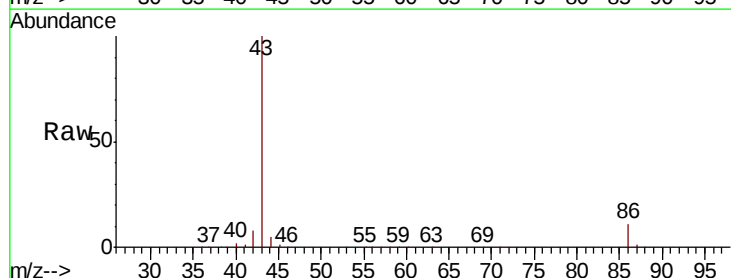
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

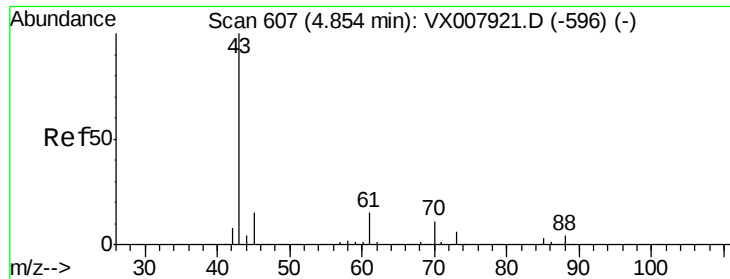
Tgt Ion: 83 Resp: 66559
Ion Ratio Lower Upper
83 100
85 66.7 51.1 76.7
127 10.7 7.2 10.8



#42
Vinyl Acetate
Concen: 88.128 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 43 Resp: 710674
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.2

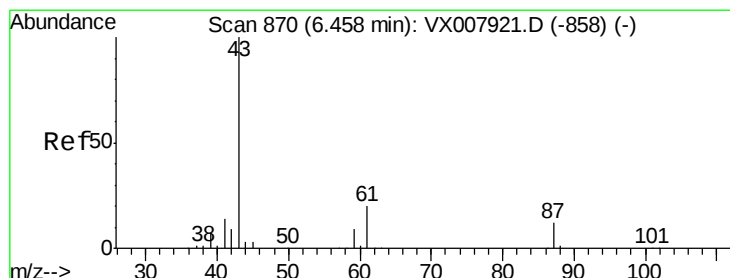
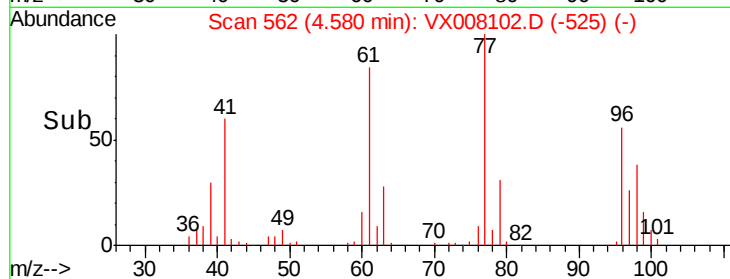
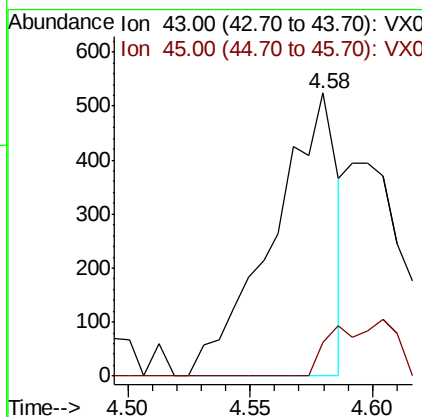
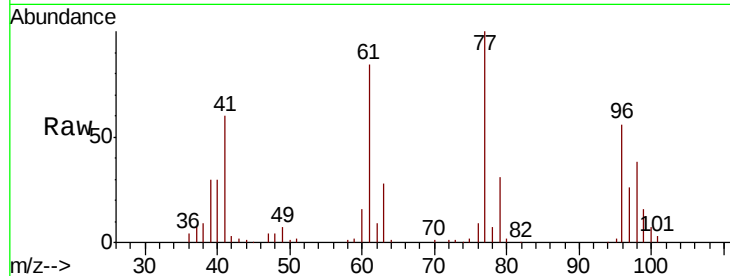




#43
Ethyl Acetate
Concen: 0.223 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.27 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

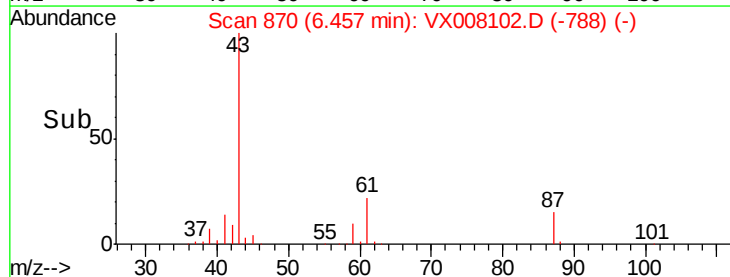
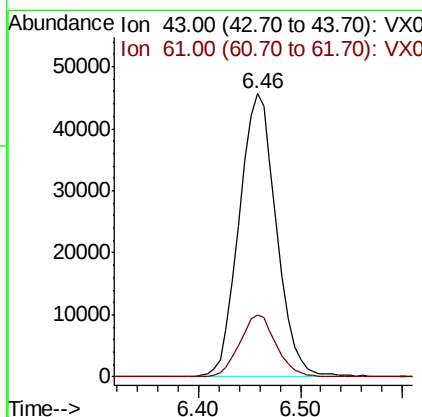
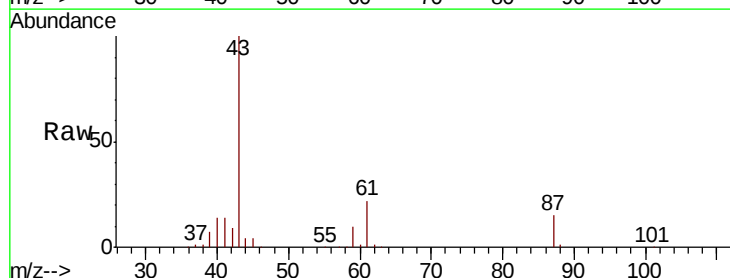
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

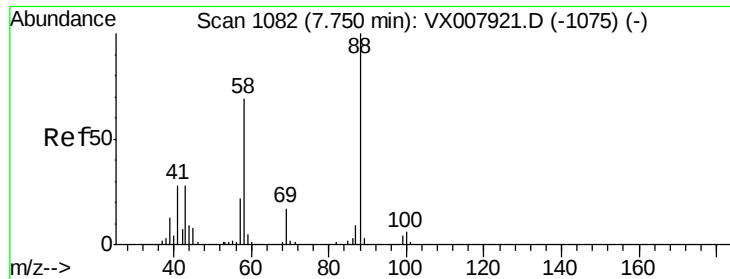
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
45 8.6 6.9 10.3



#44
Isopropyl Acetate
Concen: 17.357 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 43 Resp: 114919
Ion Ratio Lower Upper
43 100
61 21.5 16.1 24.1

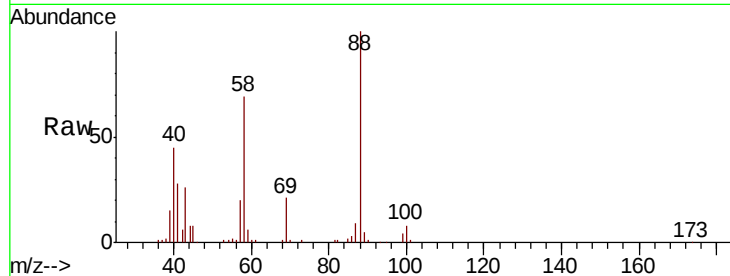




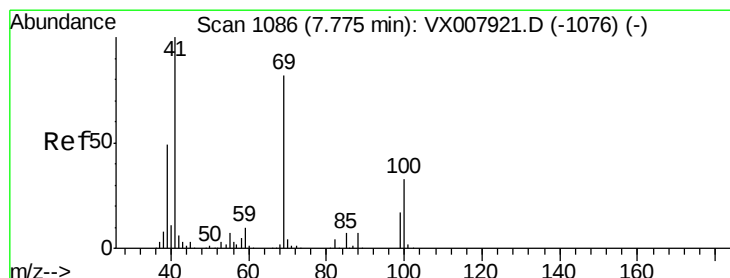
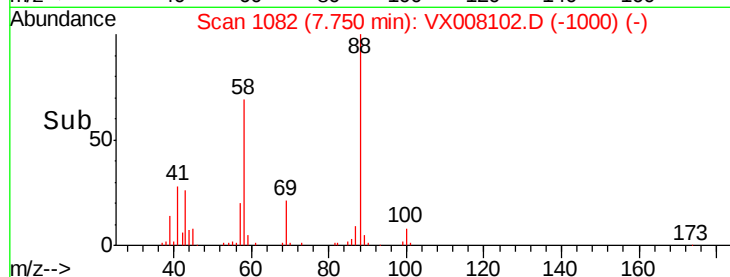
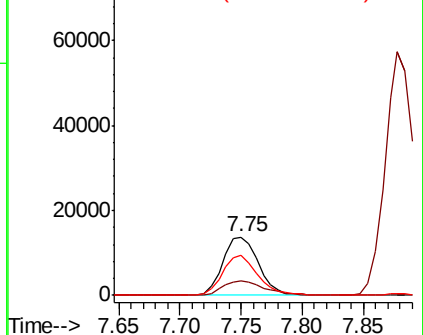
#45
 1,4-Dioxane
 Concen: 400.212 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 88 Resp: 27723
 Ion Ratio Lower Upper
 88 100
 43 29.2 23.6 35.4
 58 67.8 51.6 77.4

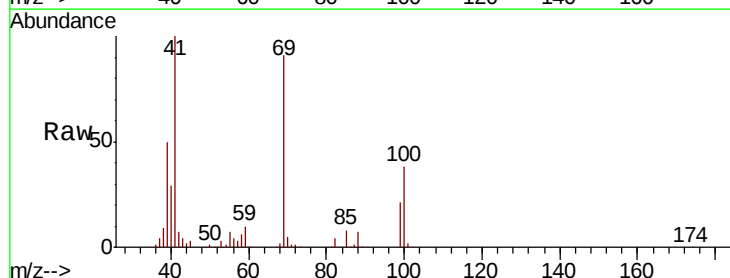


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

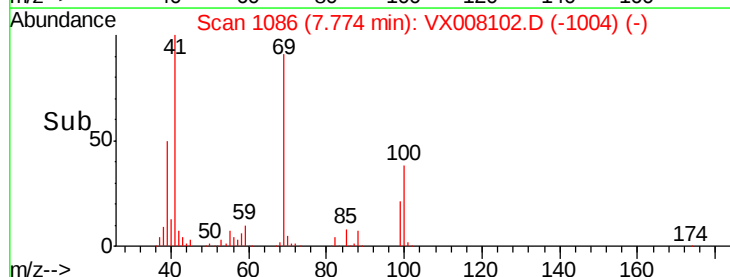
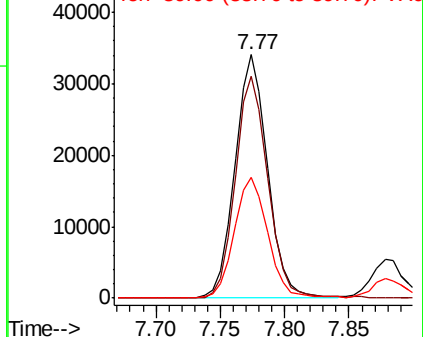


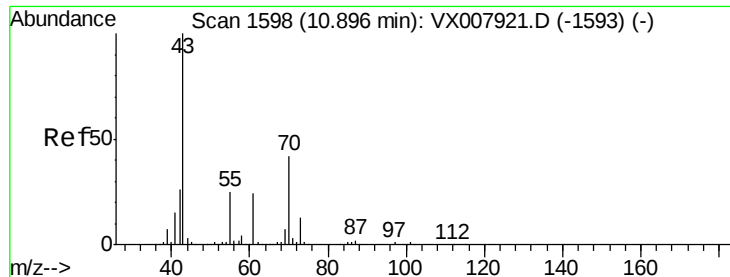
#46
 Methyl methacrylate
 Concen: 17.183 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 41 Resp: 59833
 Ion Ratio Lower Upper
 41 100
 69 91.4 44.2 132.6
 39 49.7 29.9 89.8



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

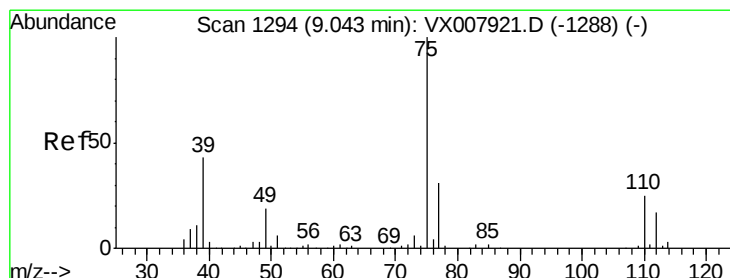
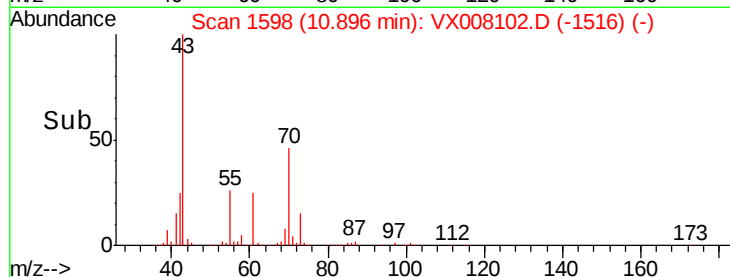
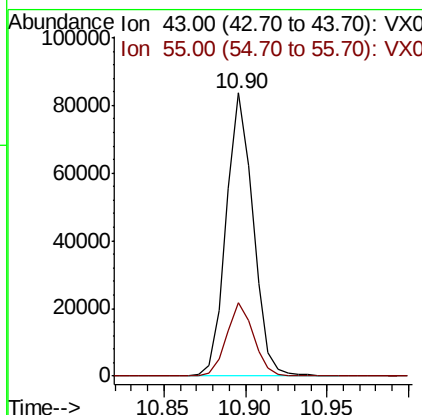
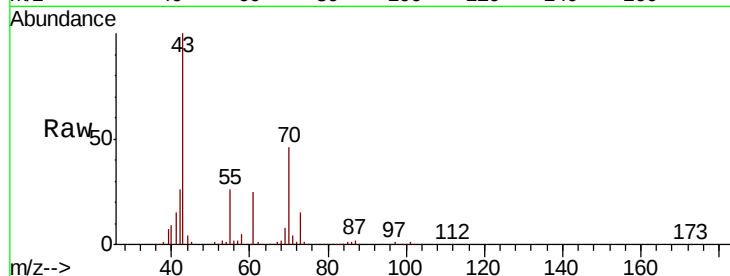




#47
n-amyl Acetate
Concen: 16.801 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

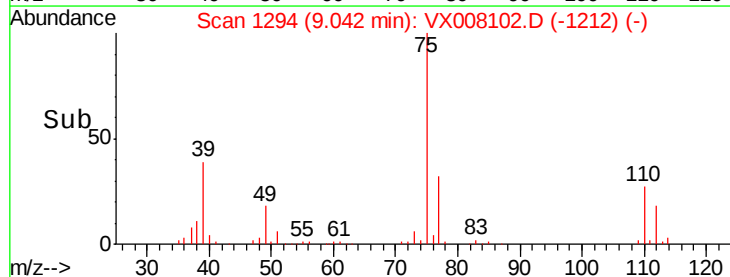
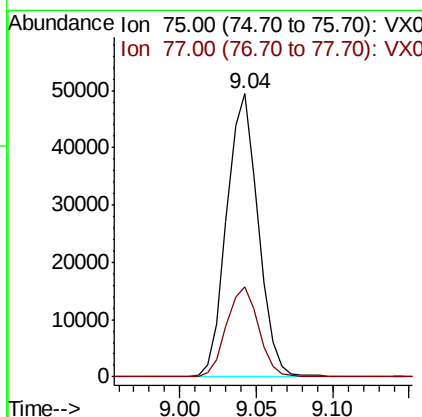
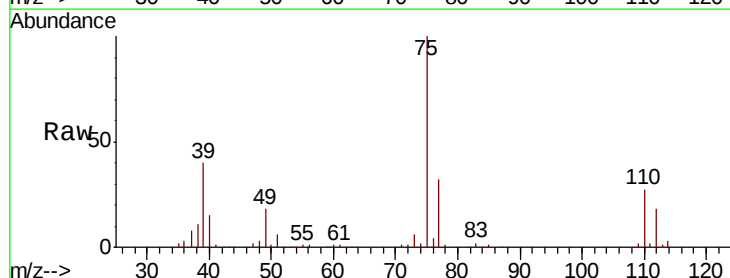
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

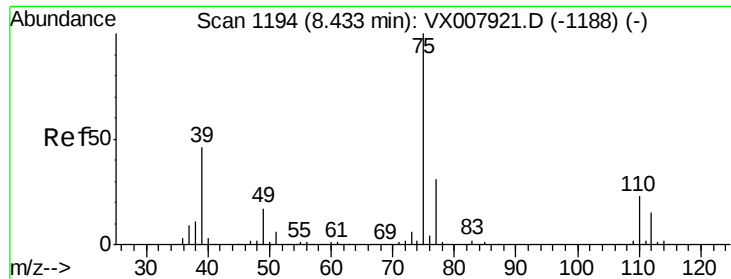
Tgt Ion: 43 Resp: 95849
Ion Ratio Lower Upper
43 100
55 26.5 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.492 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 75 Resp: 70882
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7



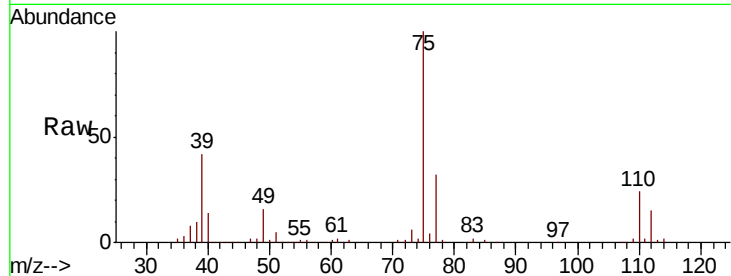


#49

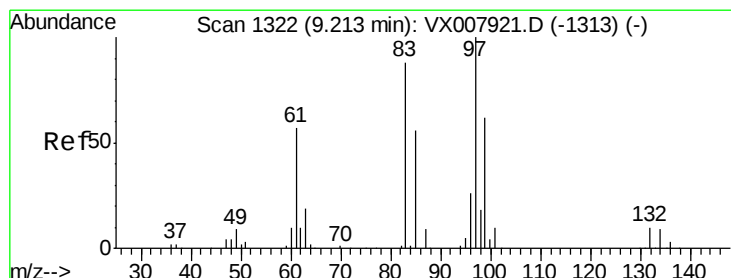
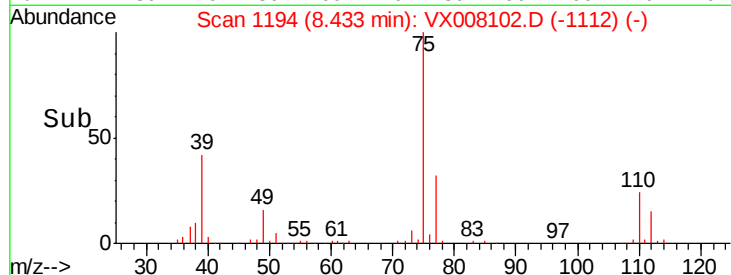
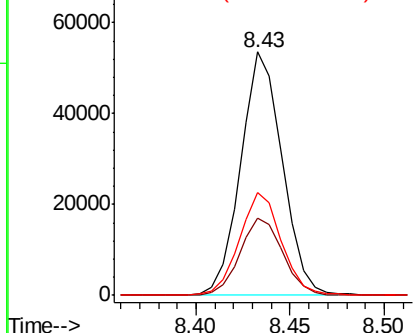
cis-1,3-Dichloropropene
 Concen: 18.930 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 75 Resp: 82164
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 42.5 38.5 57.7



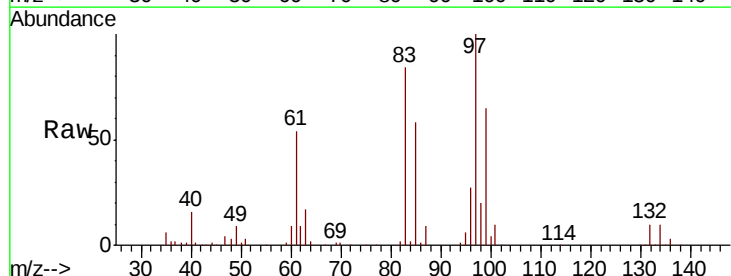
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



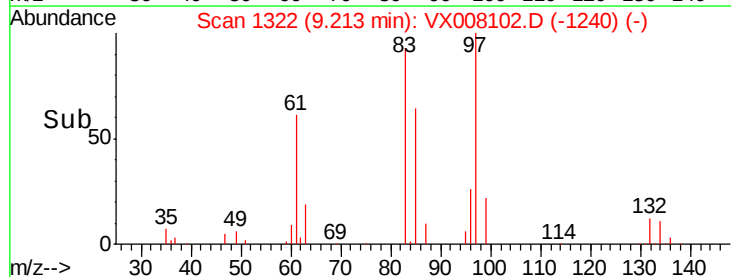
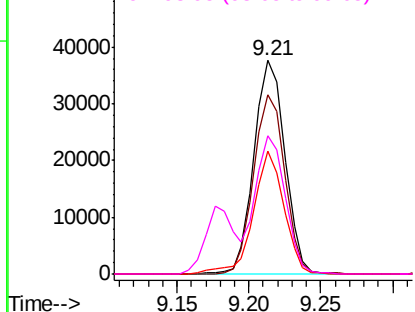
#50

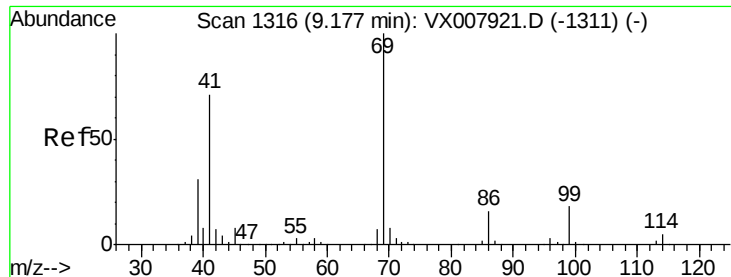
1,1,2-Trichloroethane
 Concen: 19.663 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 97 Resp: 56121
 Ion Ratio Lower Upper
 97 100
 83 83.7 72.0 108.0
 85 57.5 45.0 67.6
 99 64.7 54.2 81.4



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

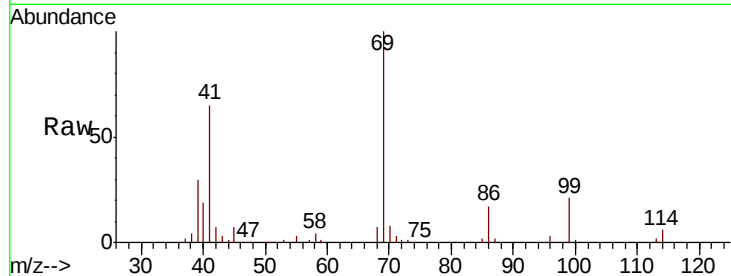




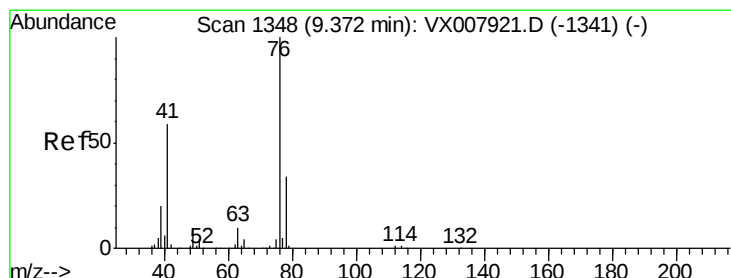
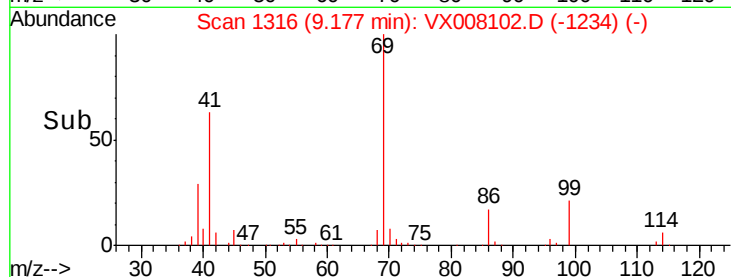
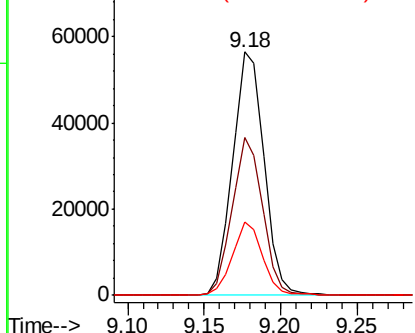
#51
Ethyl methacrylate
Concen: 18.575 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 80403
Ion Ratio Lower Upper
69 100
41 64.8 32.1 96.5
39 30.1 18.8 56.3

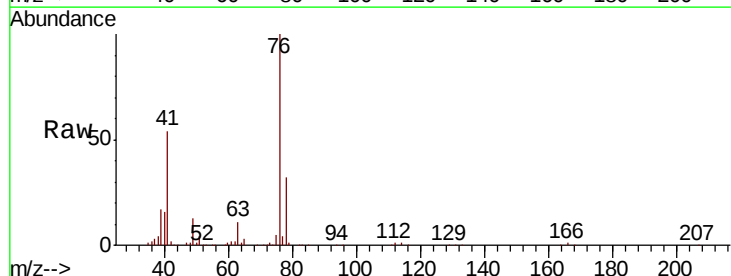


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

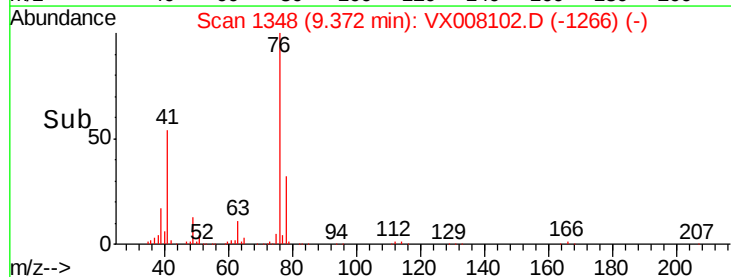
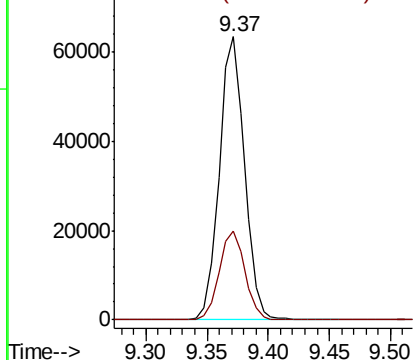


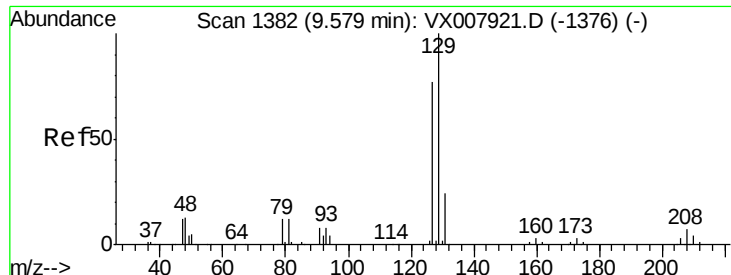
#52
1,3-Dichloropropane
Concen: 19.237 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 76 Resp: 90720
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.663 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

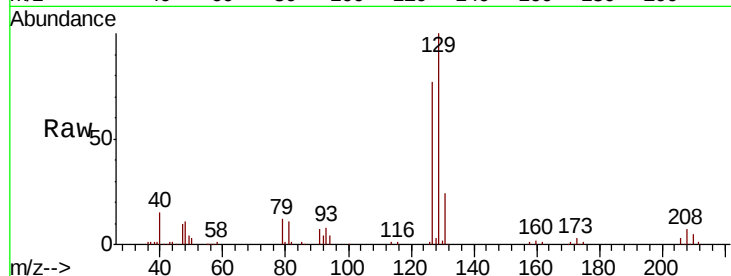
VSTDCCC020

Tgt Ion:129 Resp: 57729

Ion Ratio Lower Upper

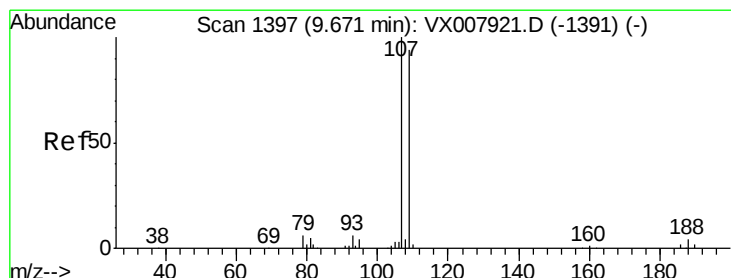
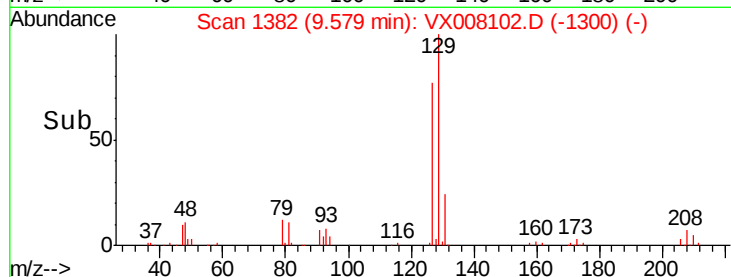
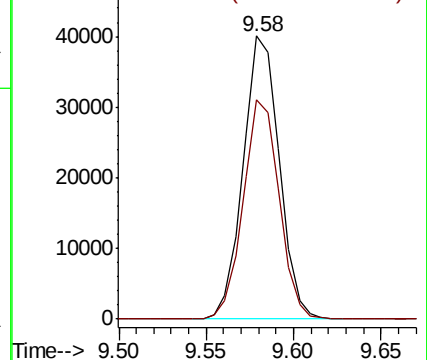
129 100

127 76.7 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.997 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008102.D

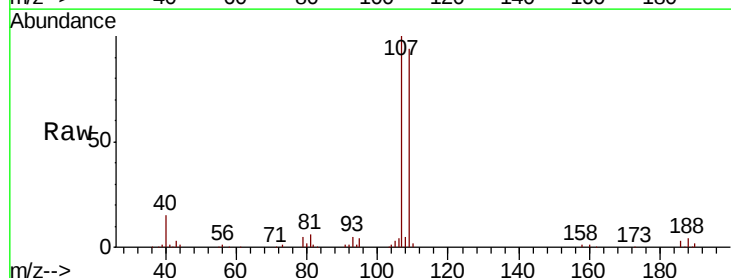
Acq: 15 Mar 2019 12:20

Tgt Ion:107 Resp: 59668

Ion Ratio Lower Upper

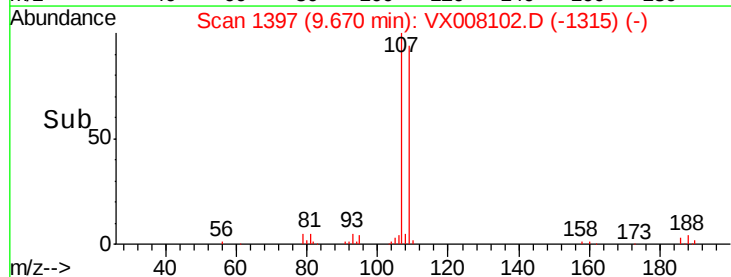
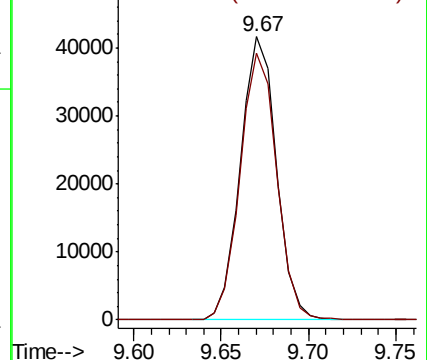
107 100

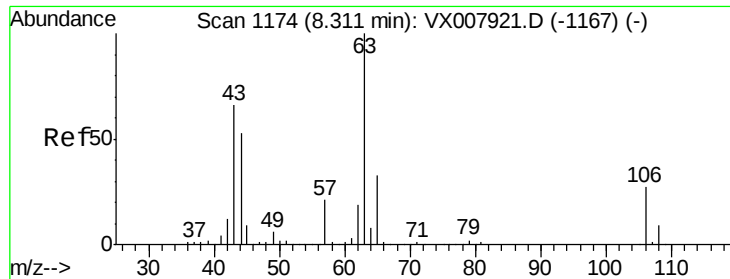
109 95.5 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

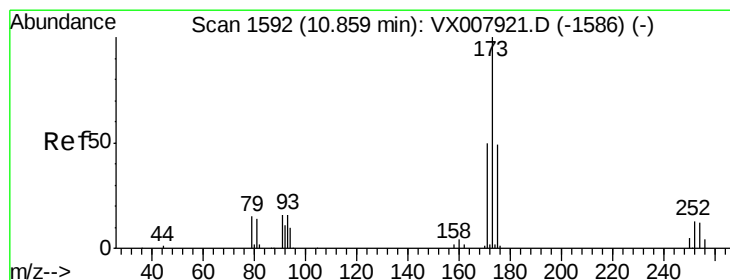
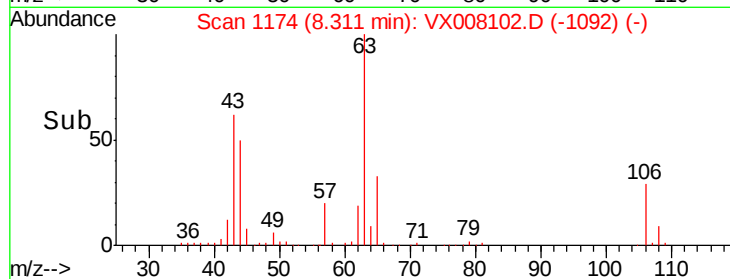
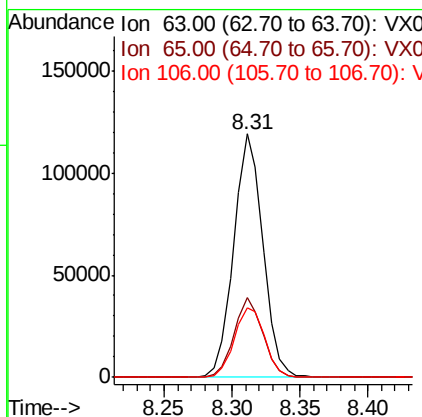
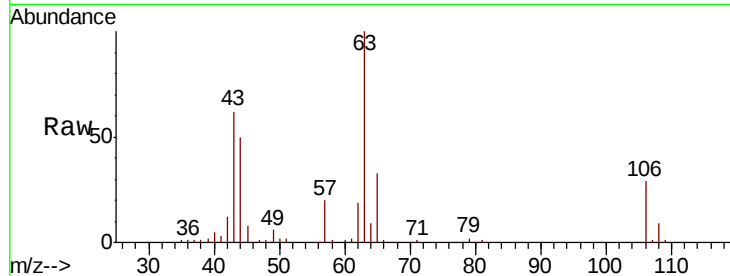




#55
 2-Chloroethyl vinyl ether
 Concen: 88.329 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

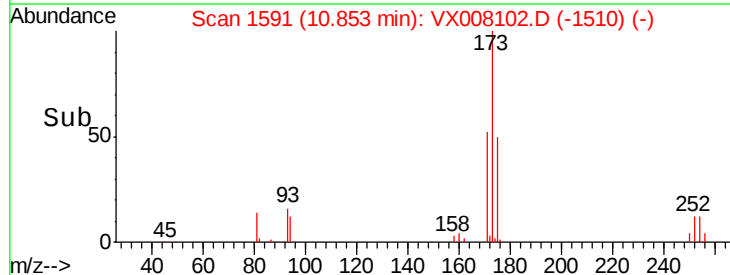
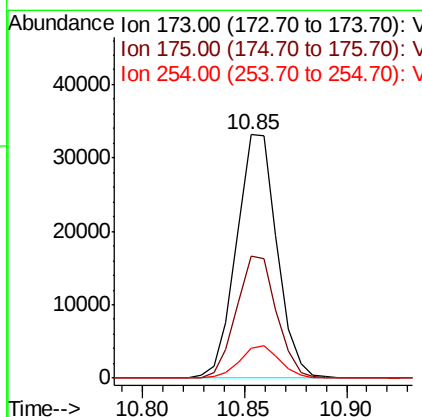
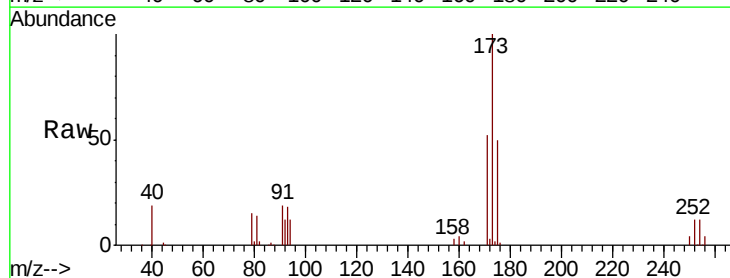
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

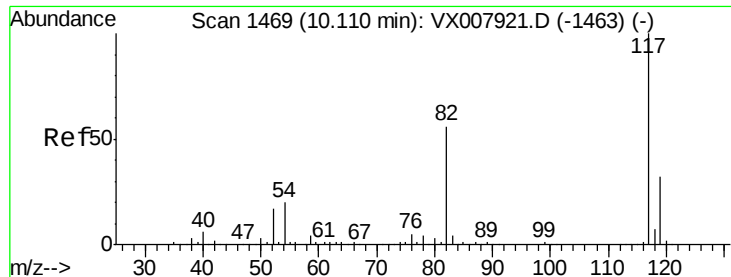
Tgt Ion: 63 Resp: 177825
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5
 106 29.8 23.7 35.5



#56
 Bromoform
 Concen: 19.474 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 173 Resp: 45603
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.5 57.7
 254 13.1 7.4 11.2#

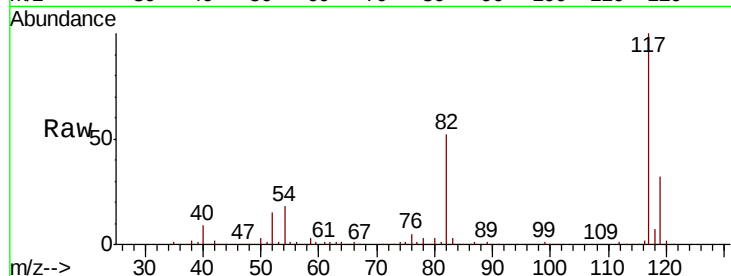




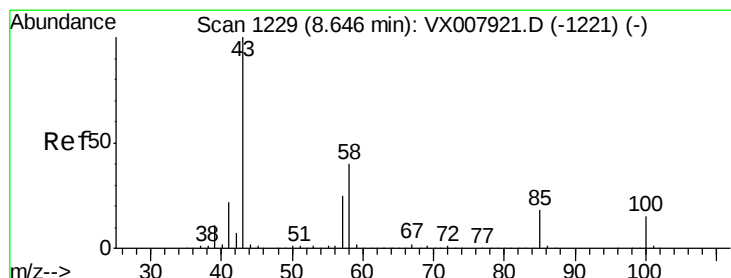
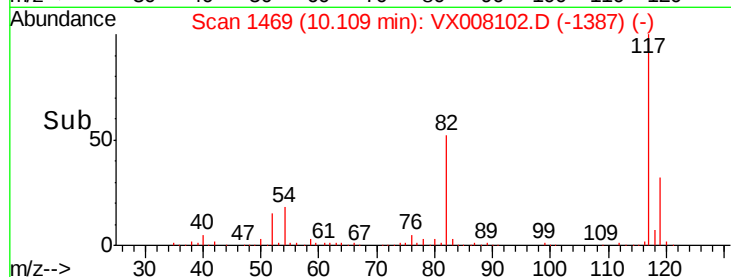
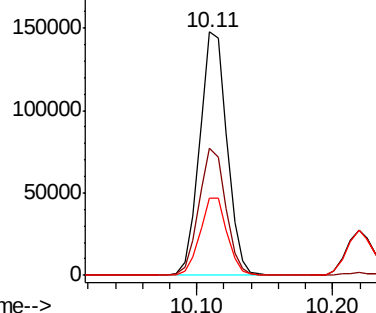
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 205911
Ion Ratio Lower Upper
117 100
82 51.3 40.4 60.6
119 31.7 25.8 38.6

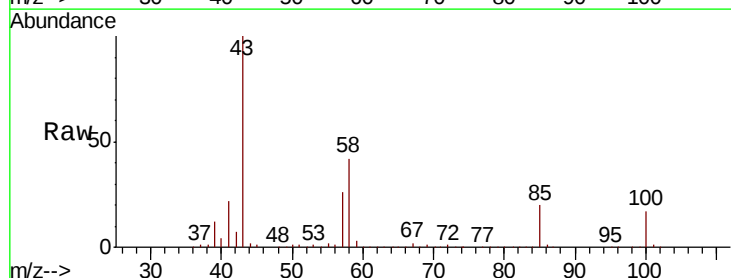


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

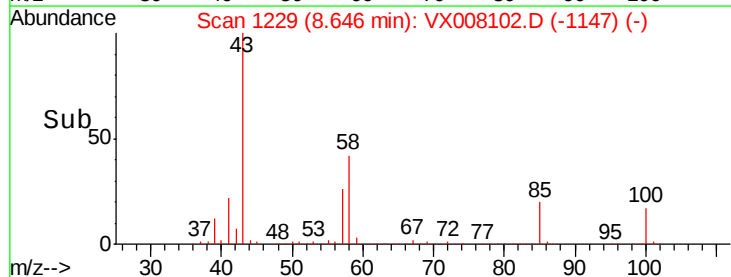
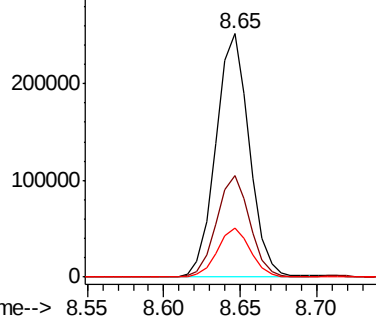


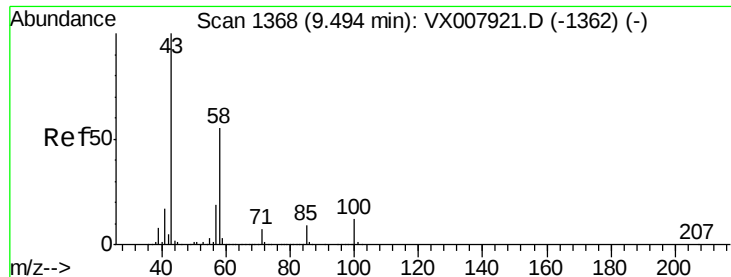
#58
4-Methyl-2-Pentanone
Concen: 90.216 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 43 Resp: 382462
Ion Ratio Lower Upper
43 100
58 41.4 31.4 47.0
85 19.9 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

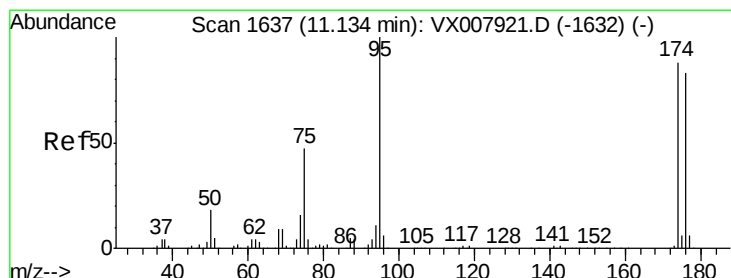
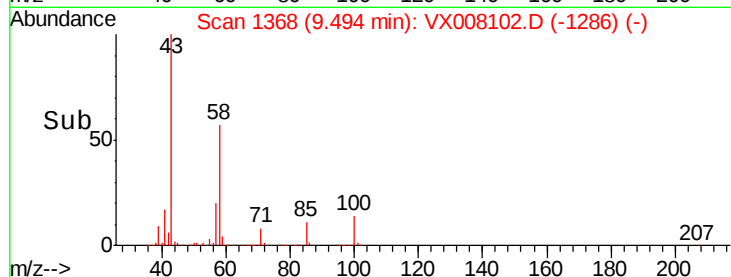
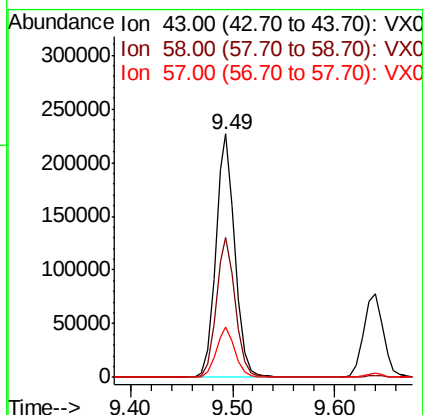
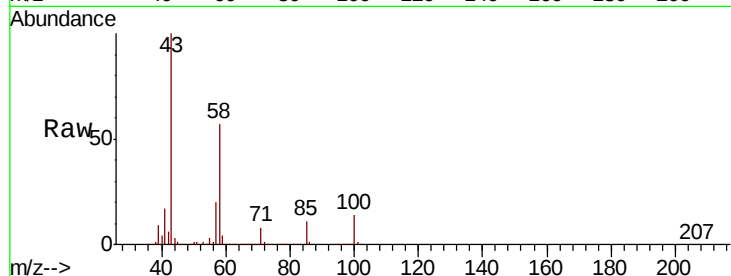




#59
2-Hexanone
Concen: 88.816 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

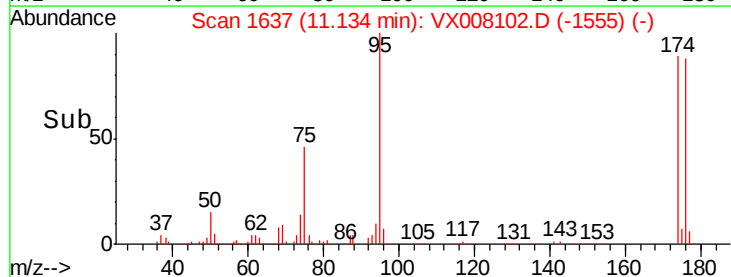
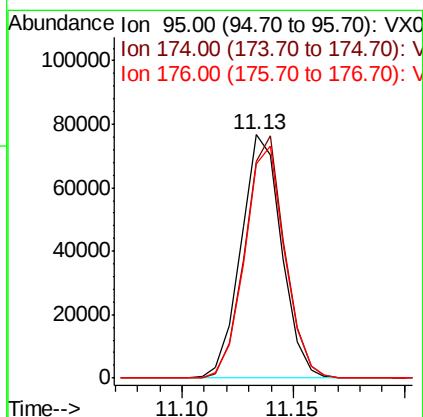
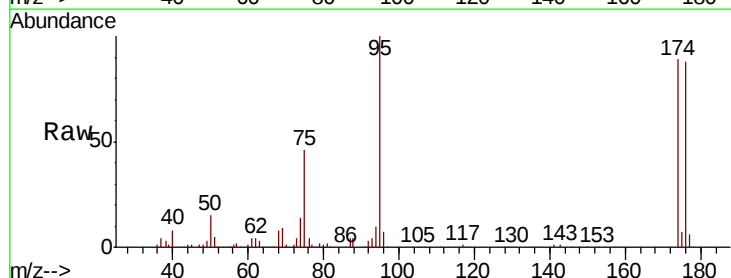
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

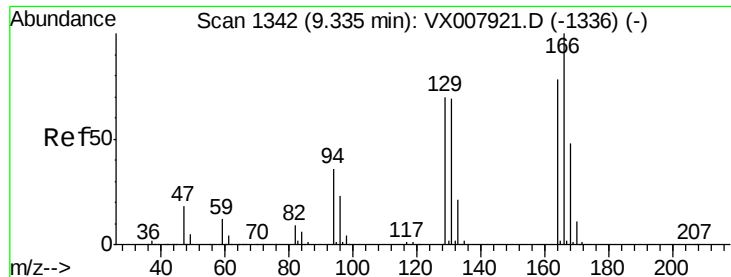
Tgt Ion: 43 Resp: 297220
Ion Ratio Lower Upper
43 100
58 57.4 43.9 65.9
57 20.3 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.620 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 95 Resp: 97348
Ion Ratio Lower Upper
95 100
174 97.0 74.9 112.3
176 94.6 70.7 106.1

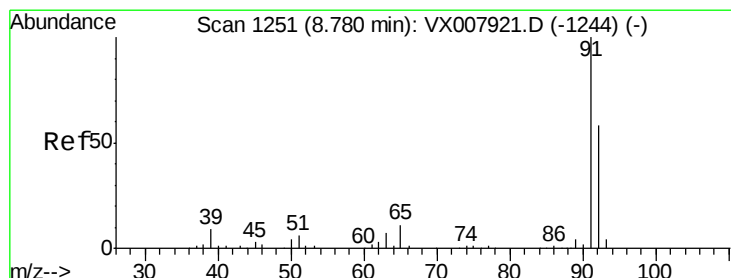
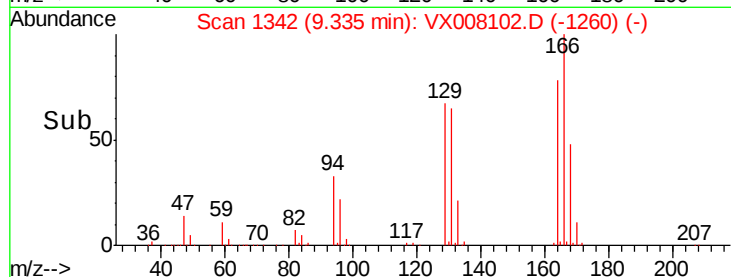
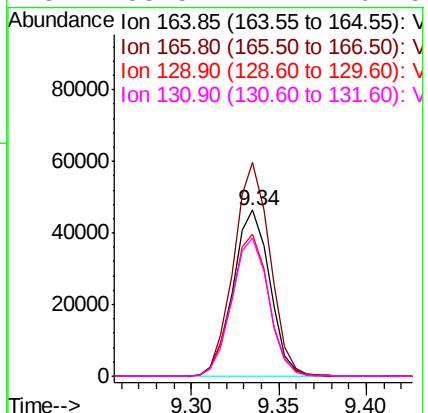
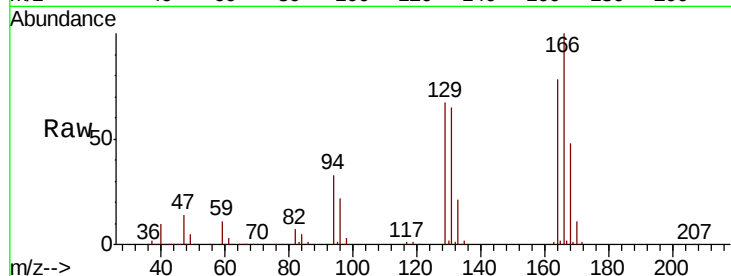




#61
Tetrachloroethene
Concen: 22.654 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

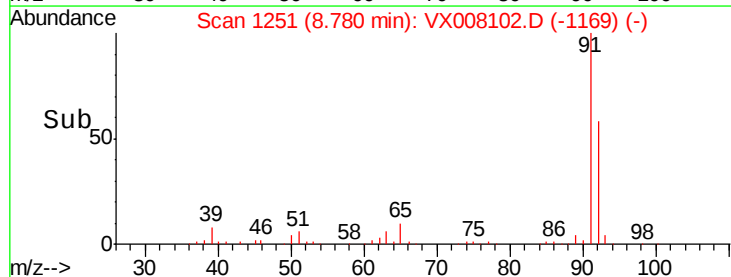
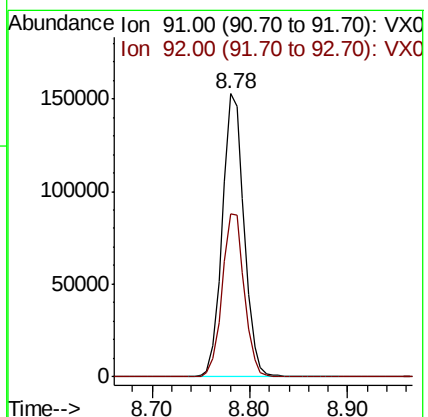
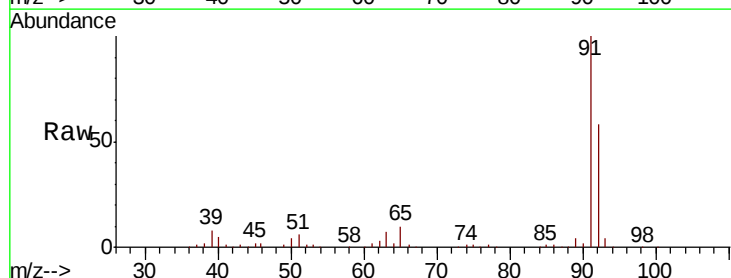
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

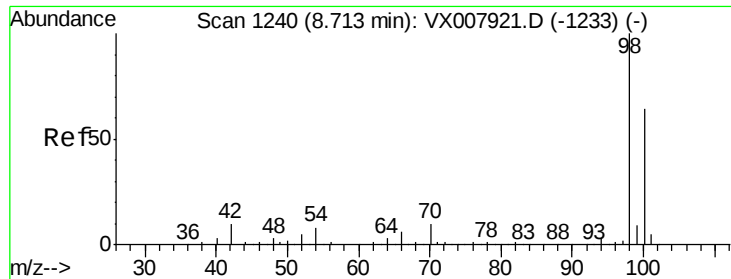
Tgt Ion:164 Resp: 68046
Ion Ratio Lower Upper
164 100
166 128.6 103.9 155.9
129 85.7 74.7 112.1
131 83.5 71.7 107.5



#62
Toluene
Concen: 19.536 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 91 Resp: 234889
Ion Ratio Lower Upper
91 100
92 58.5 46.4 69.6





#63

Toluene-d8

Concen: 29.537 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

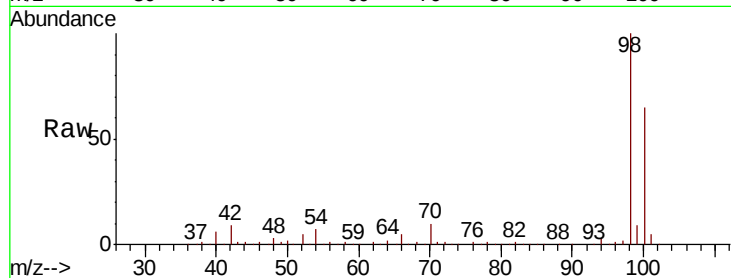
VSTDCCC020

Tgt Ion: 98 Resp: 278340

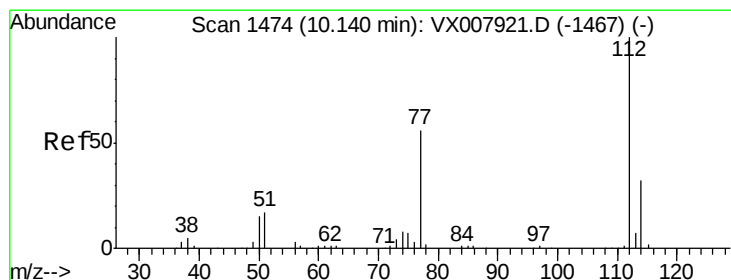
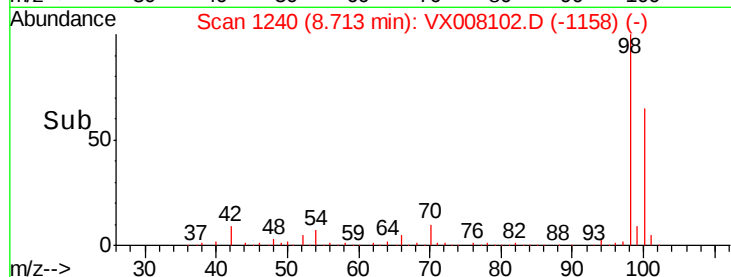
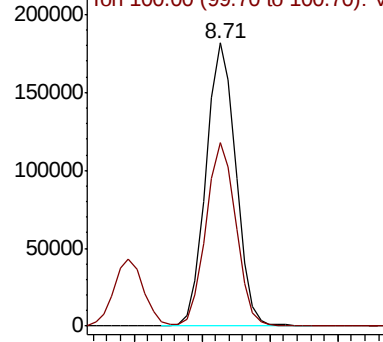
Ion Ratio Lower Upper

98 100

100 65.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX007921.D (-1233) (-)



#64

Chlorobenzene

Concen: 20.157 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008102.D

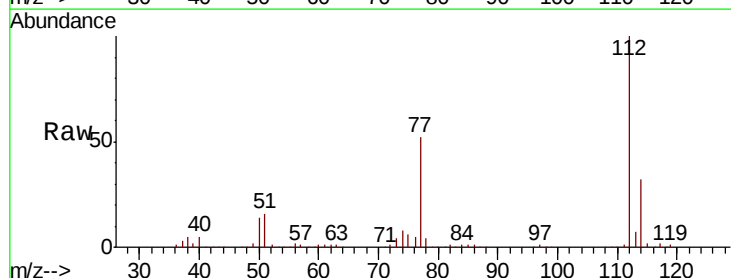
Acq: 15 Mar 2019 12:20

Tgt Ion: 112 Resp: 154465

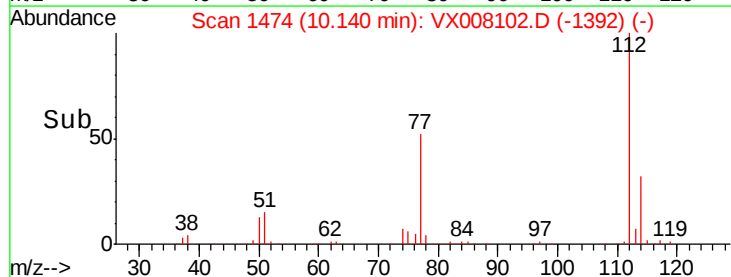
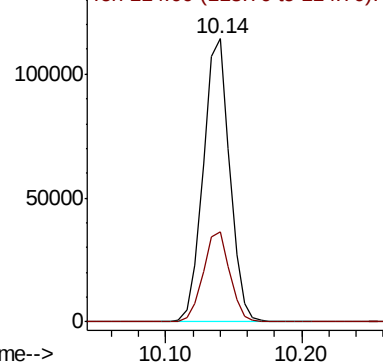
Ion Ratio Lower Upper

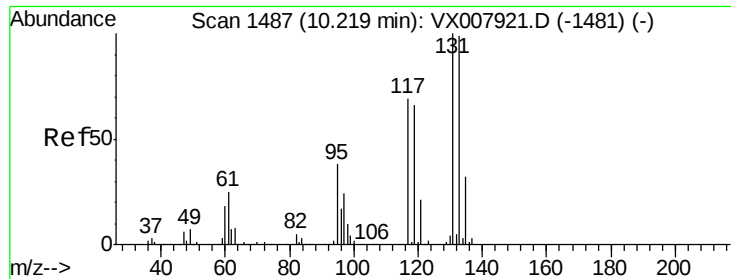
112 100

114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX007921.D (-1467) (-)

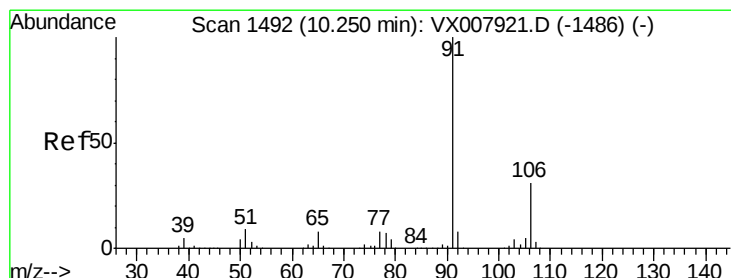
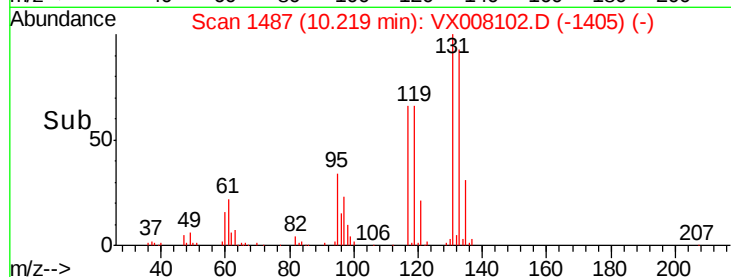
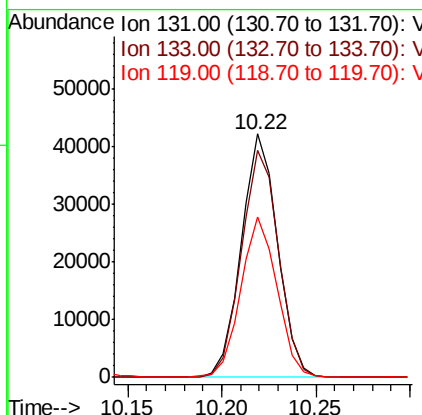
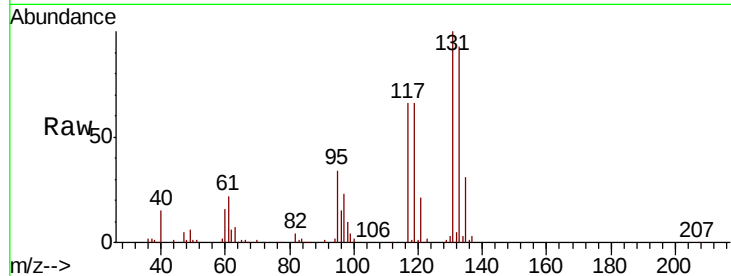




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.548 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

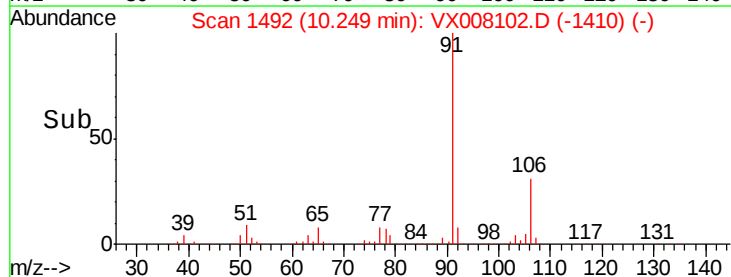
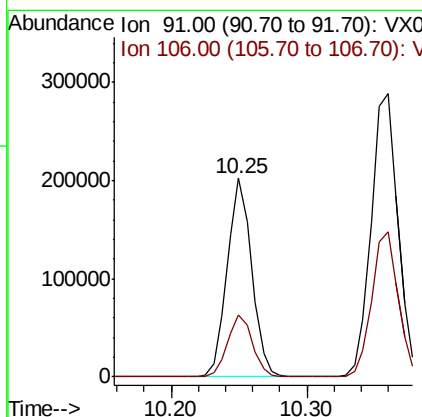
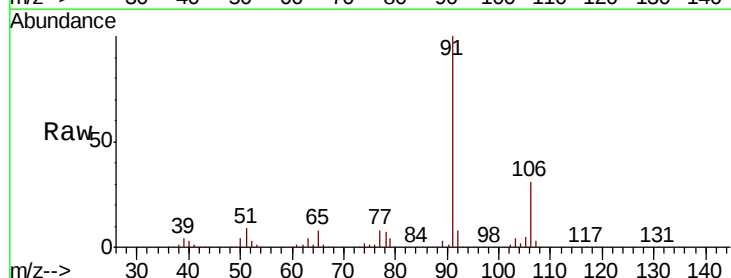
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

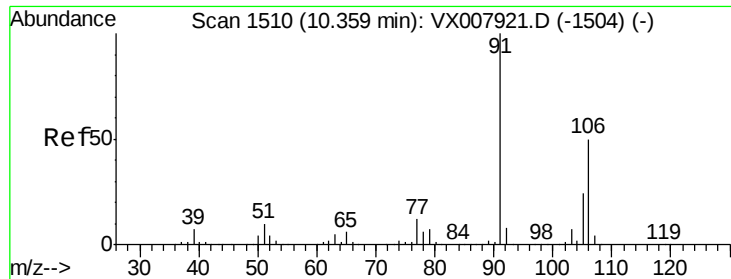
Tgt Ion: 131 Resp: 56377
 Ion Ratio Lower Upper
 131 100
 133 95.3 0.0 191.6
 119 65.7 0.0 127.4



#66
 Ethyl Benzene
 Concen: 19.651 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 91 Resp: 253791
 Ion Ratio Lower Upper
 91 100
 106 31.0 26.0 39.0

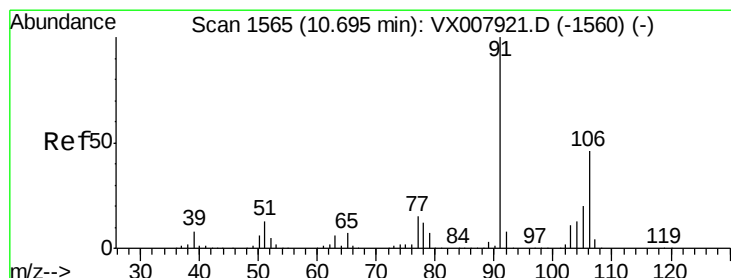
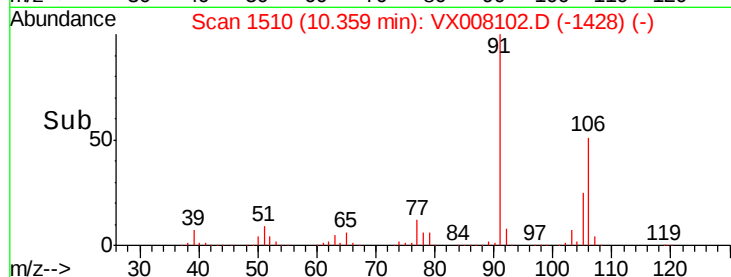
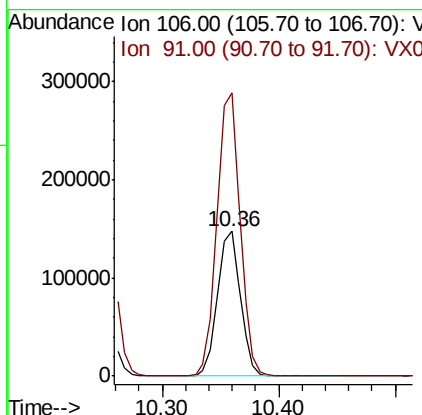
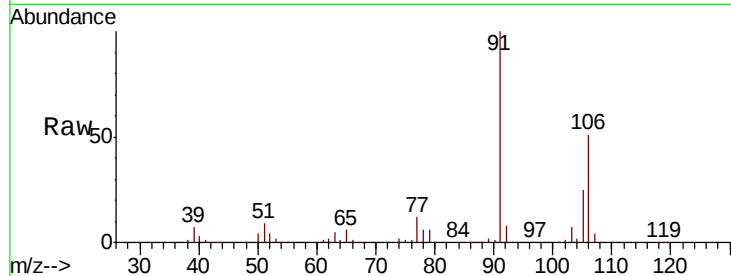




#67
m/p-Xylenes
Concen: 40.255 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

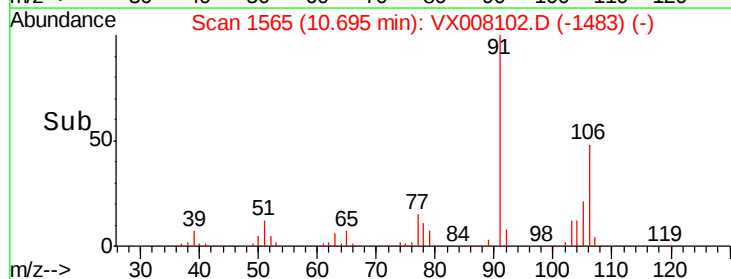
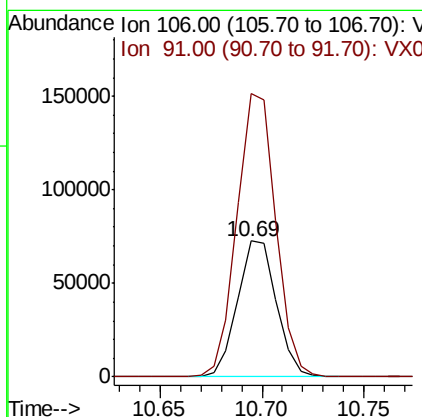
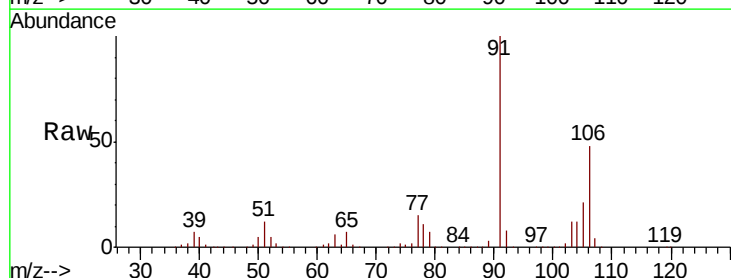
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

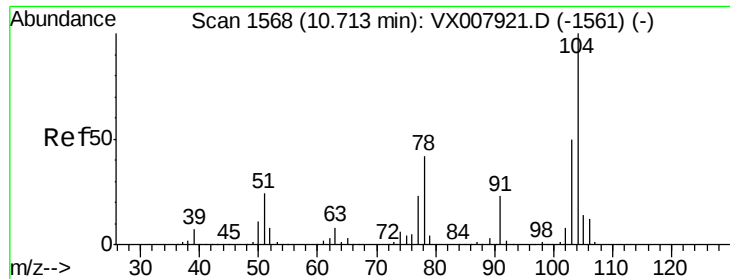
Tgt Ion:106 Resp: 199348
Ion Ratio Lower Upper
106 100
91 198.2 157.0 235.4



#68
o-Xylene
Concen: 20.009 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion:106 Resp: 96218
Ion Ratio Lower Upper
106 100
91 208.6 104.4 313.2





#69

Styrene

Concen: 19.729 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

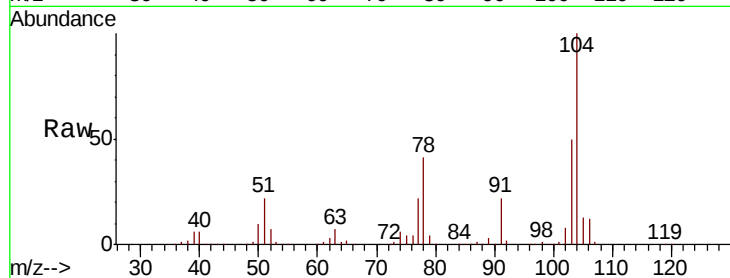
Tgt Ion:104 Resp: 156317

Ion Ratio Lower Upper

104 100

78 47.4 38.2 57.2

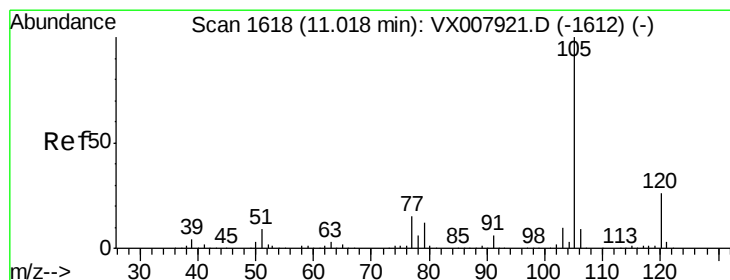
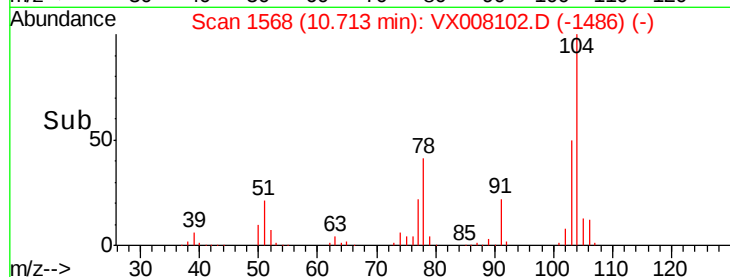
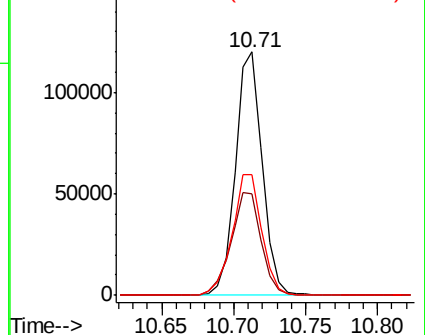
103 55.1 45.0 67.4



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



#70

Isopropylbenzene

Concen: 20.425 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008102.D

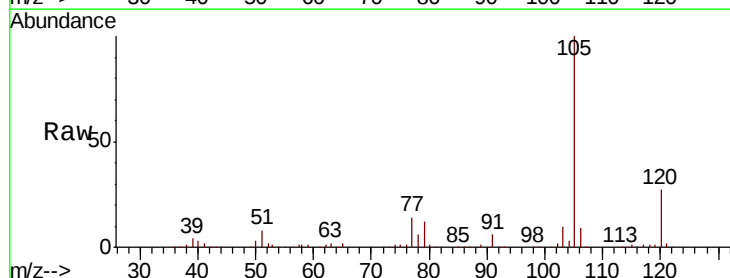
Acq: 15 Mar 2019 12:20

Tgt Ion:105 Resp: 262445

Ion Ratio Lower Upper

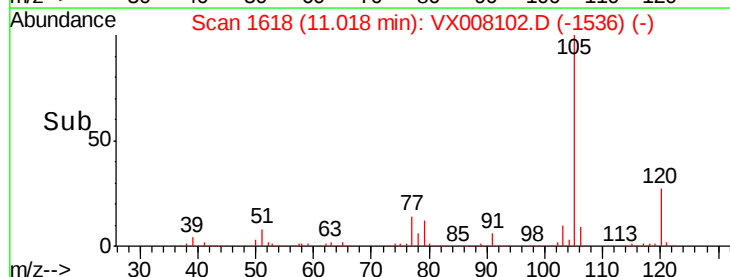
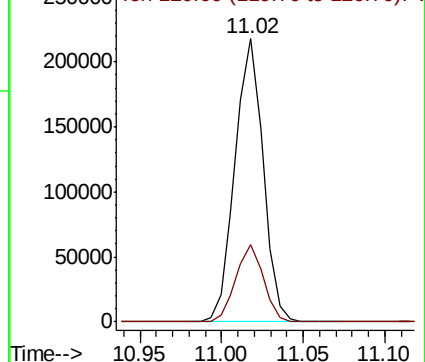
105 100

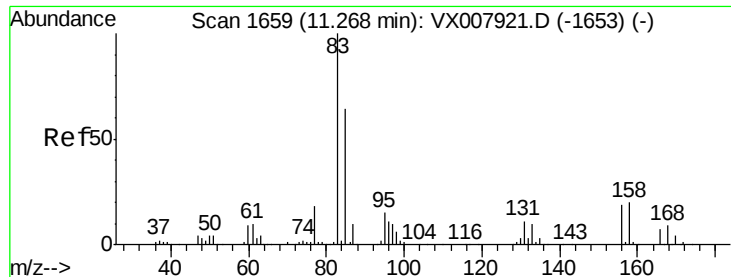
120 27.0 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

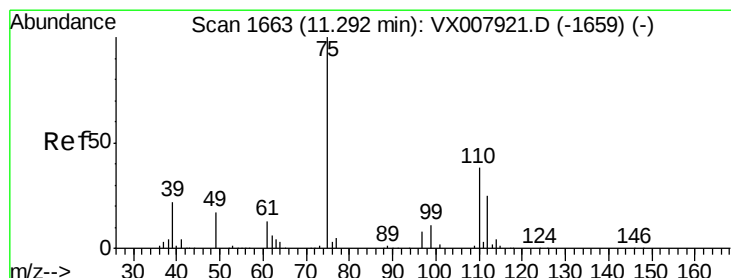
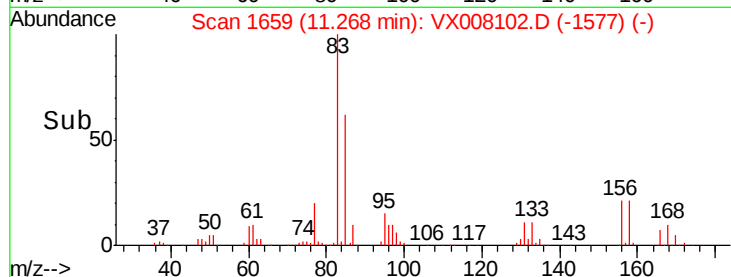
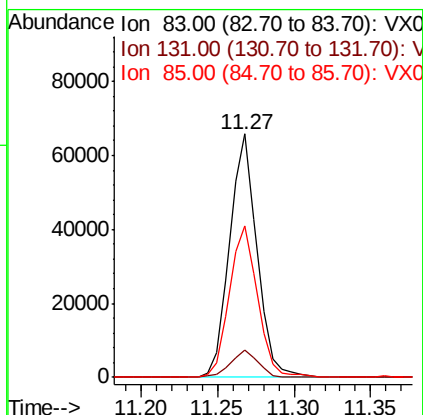
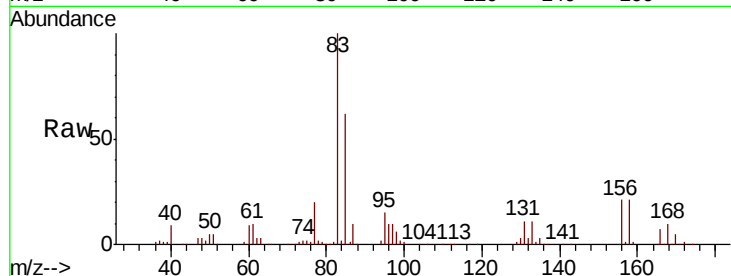




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.251 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

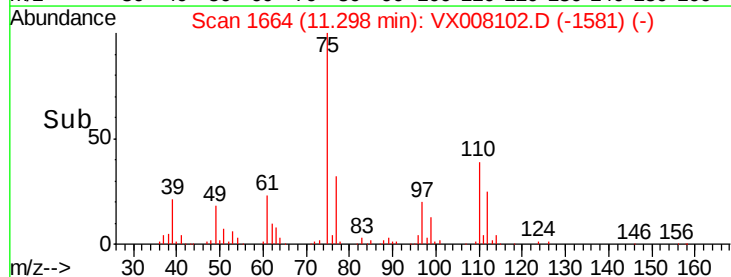
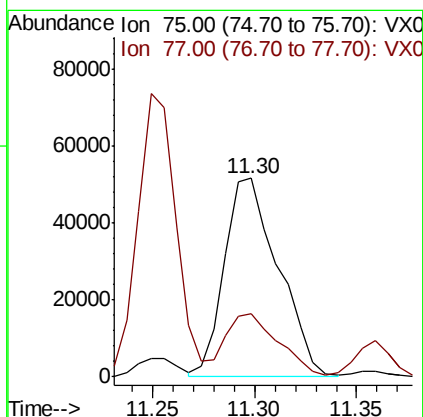
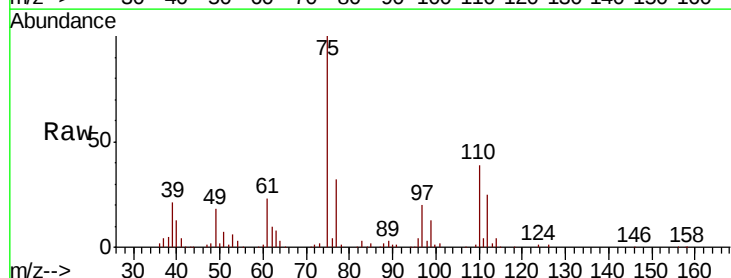
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

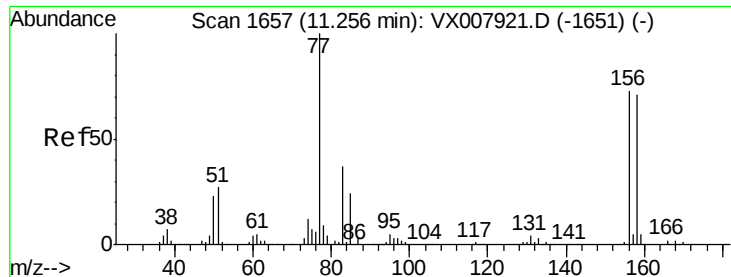
Tgt Ion: 83 Resp: 81694
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 64.2 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 23.765 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 75 Resp: 95063
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 76.4





#73

Bromobenzene

Concen: 20.943 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

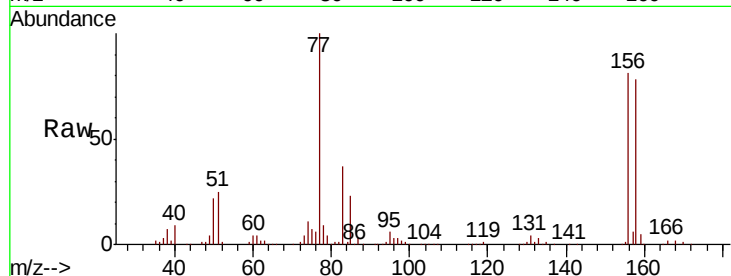
Tgt Ion:156 Resp: 71542

Ion Ratio Lower Upper

156 100

77 133.7 0.0 271.4

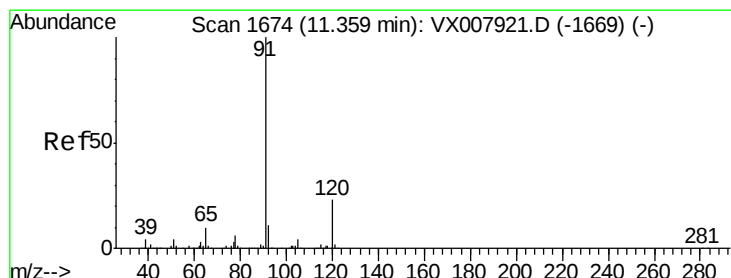
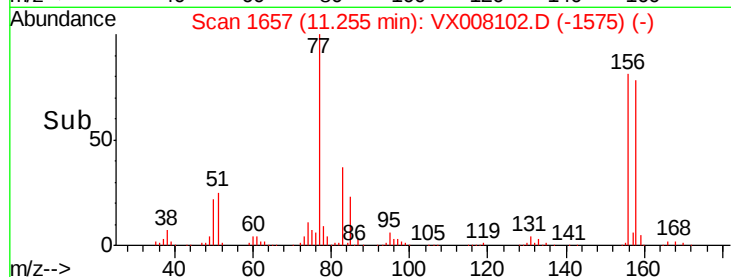
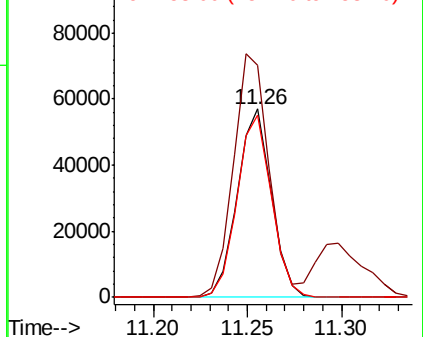
158 97.7 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.847 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008102.D

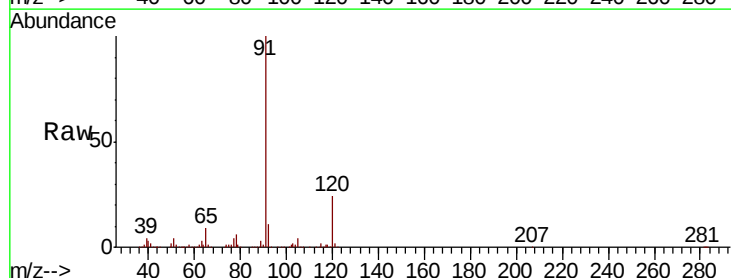
Acq: 15 Mar 2019 12:20

Tgt Ion: 91 Resp: 287662

Ion Ratio Lower Upper

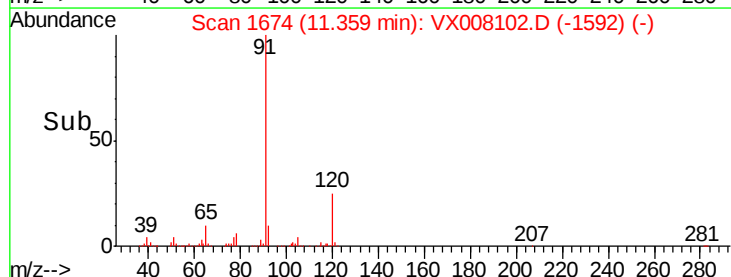
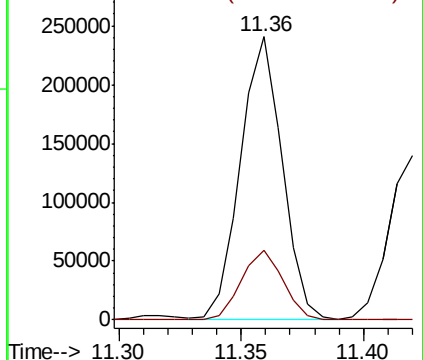
91 100

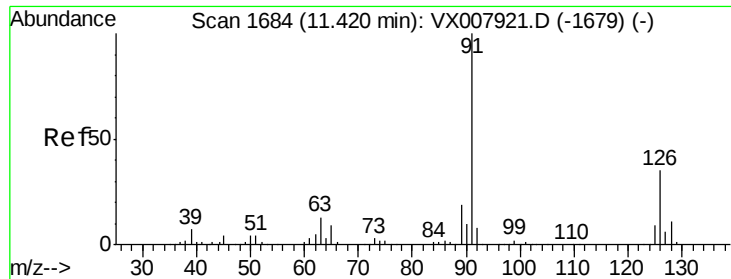
120 24.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.910 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

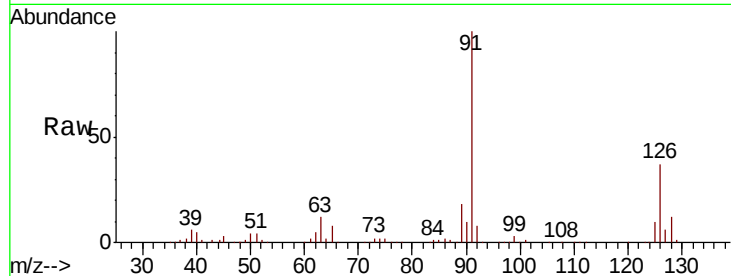
VSTDCCC020

Tgt Ion: 91 Resp: 172965

Ion Ratio Lower Upper

91 100

126 36.0 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007921.D (-1679) (-)

250000

200000

150000

100000

50000

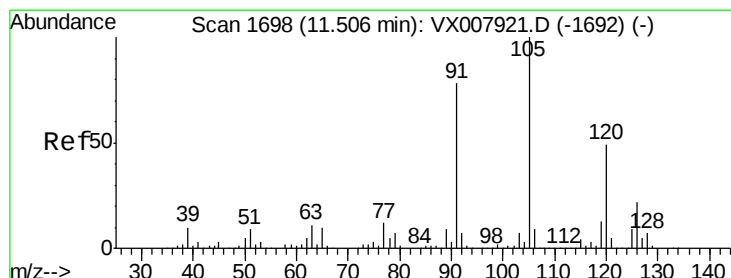
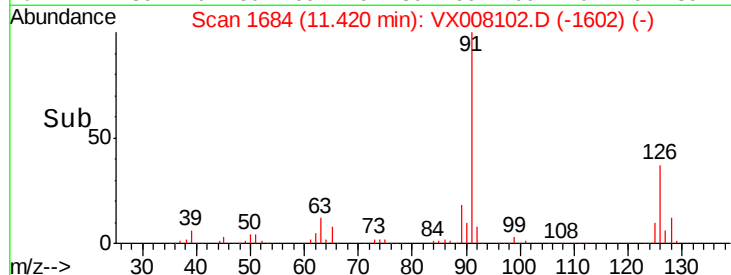
0

11.40

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.679 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008102.D

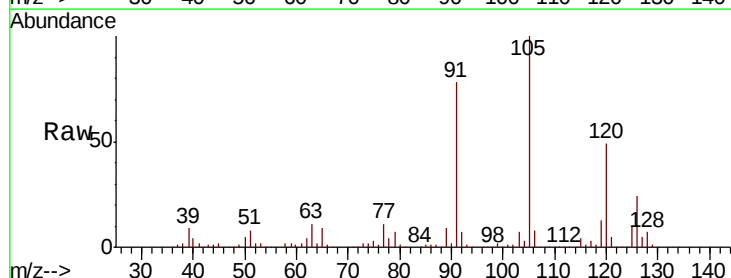
Acq: 15 Mar 2019 12:20

Tgt Ion: 105 Resp: 220208

Ion Ratio Lower Upper

105 100

120 49.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007921.D (-1692) (-)

200000

150000

100000

50000

0

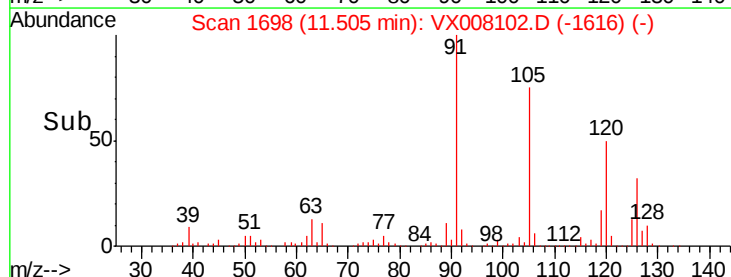
11.45

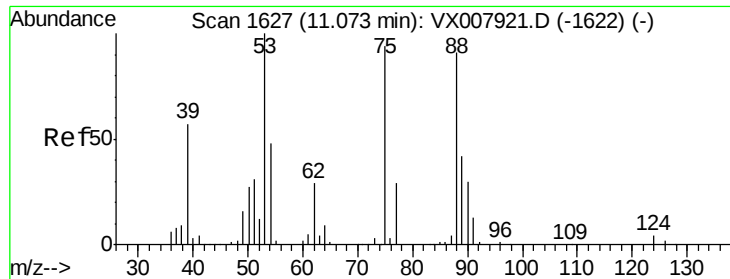
11.50

11.55

11.60

Time-->



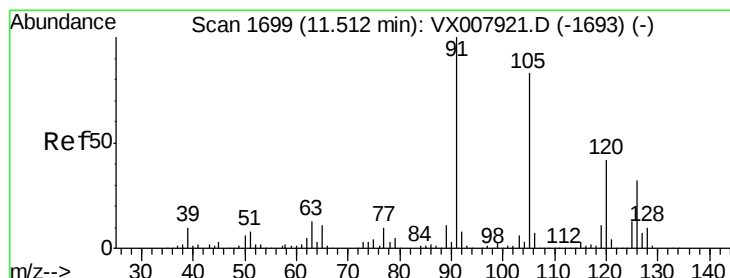
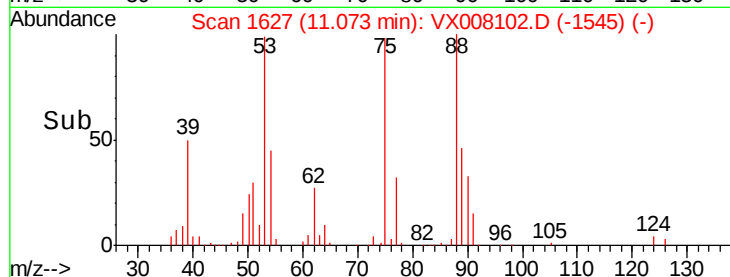
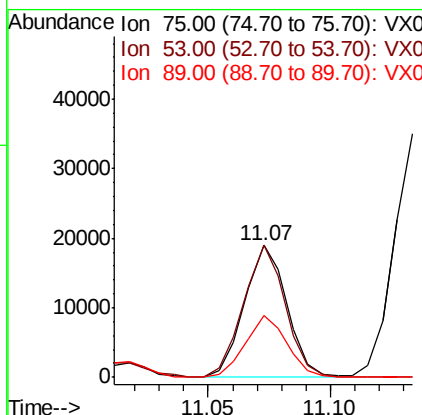
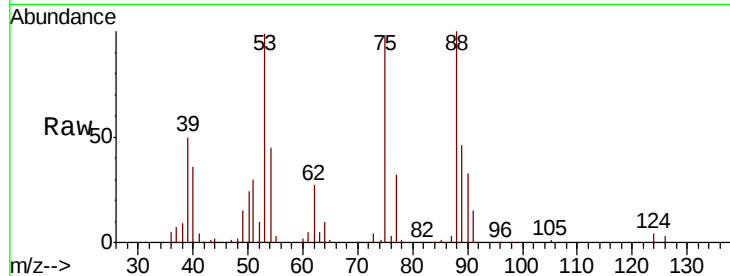


#77
t-1,4-Dichloro-2-butene
Concen: 18.607 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 22997

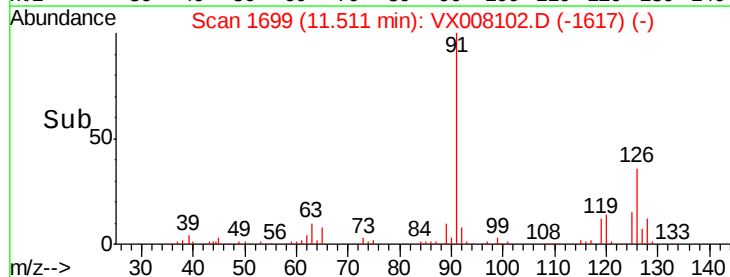
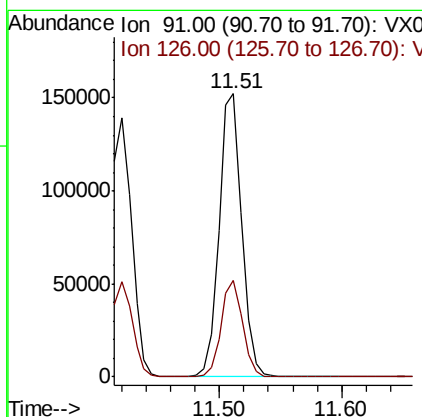
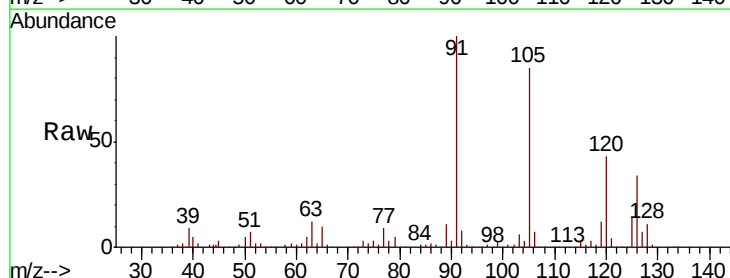
Ion	Ratio	Lower	Upper
75	100		
53	100.8	55.5	166.7
89	47.3	24.4	73.2

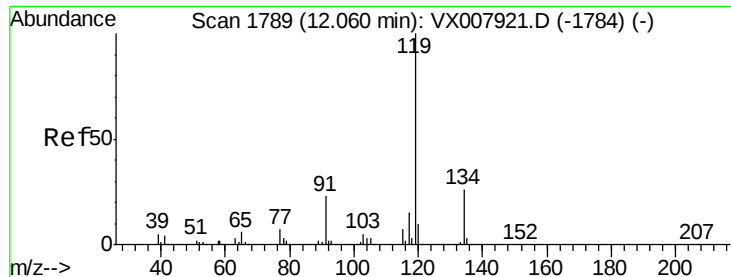


#78
4-Chlorotoluene
Concen: 19.953 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 91 Resp: 195982

Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	66.2

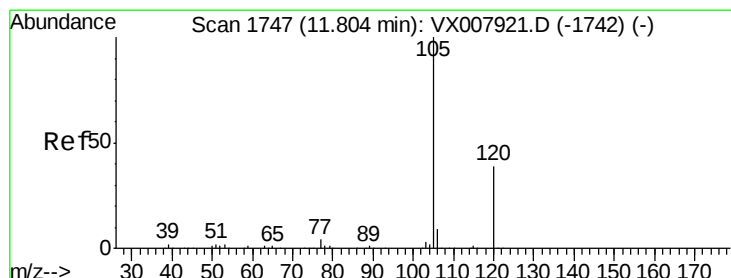
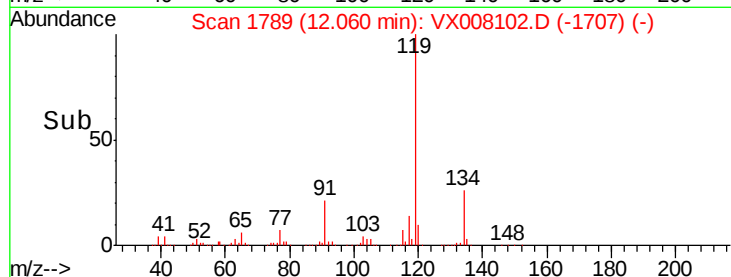
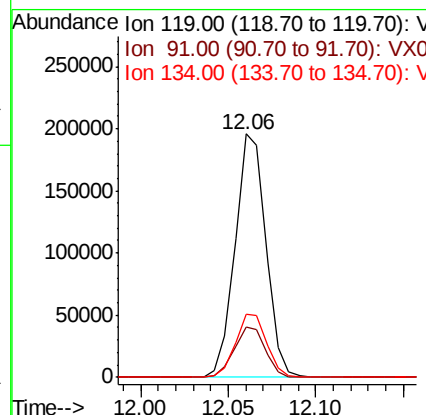
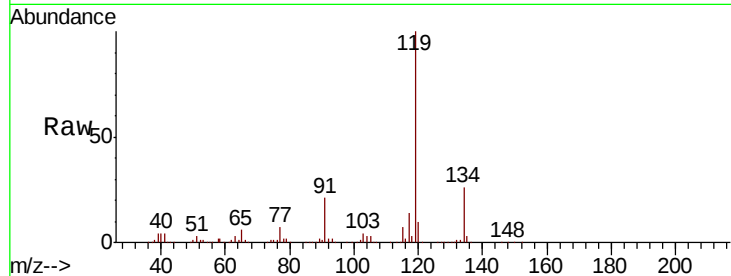




#79
tert-butylbenzene
Concen: 20.990 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

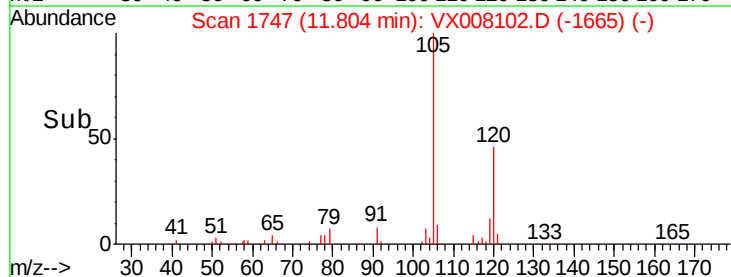
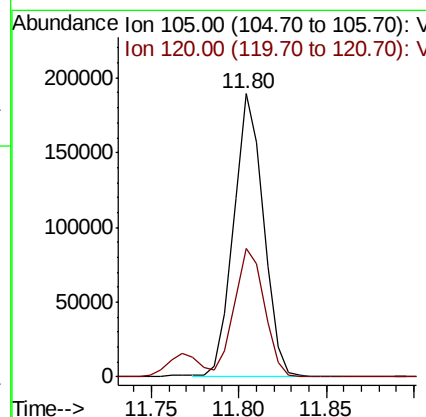
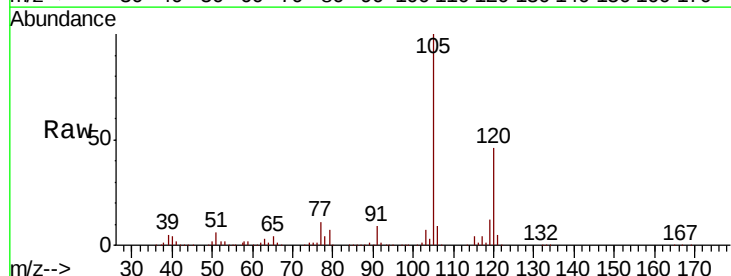
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

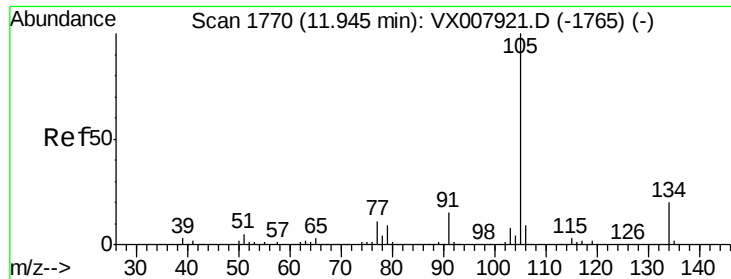
Tgt Ion:119 Resp: 239871
Ion Ratio Lower Upper
119 100
91 20.9 0.0 45.0
134 26.0 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.762 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion:105 Resp: 224397
Ion Ratio Lower Upper
105 100
120 45.8 0.0 94.0

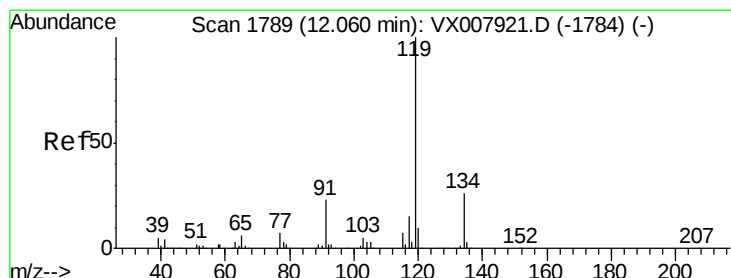
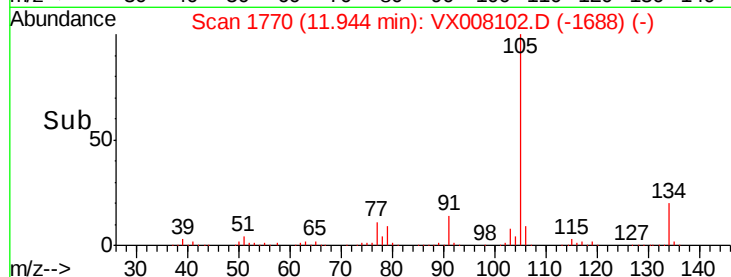
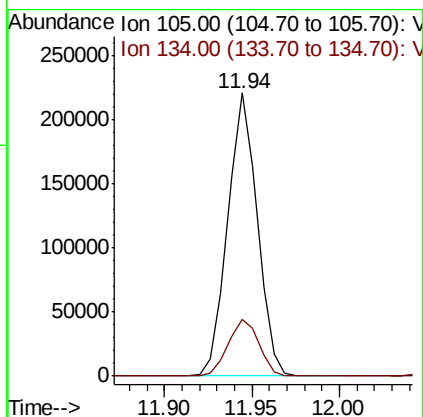
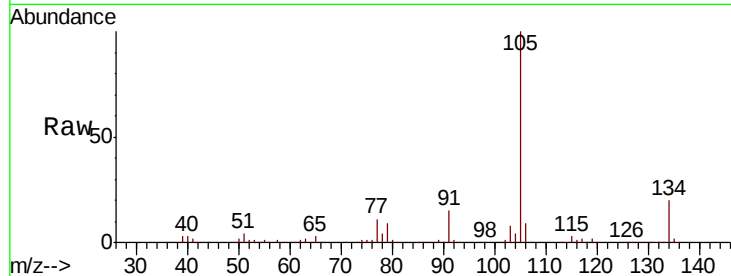




#81
 sec-Butylbenzene
 Concen: 20.305 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

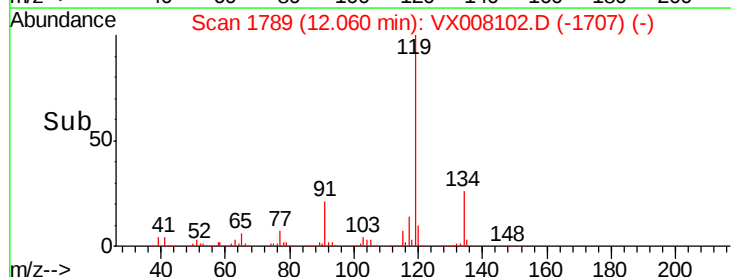
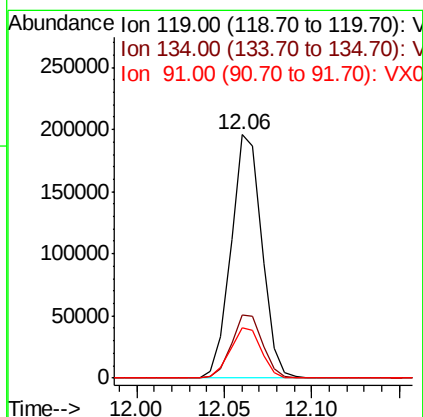
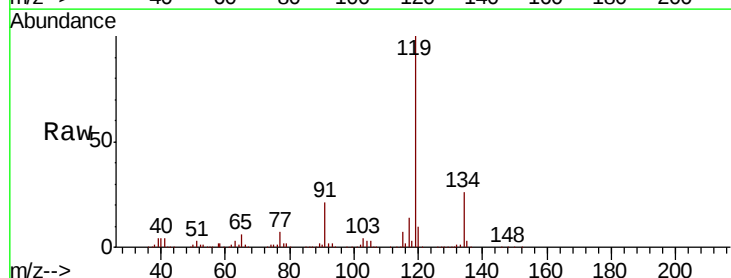
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

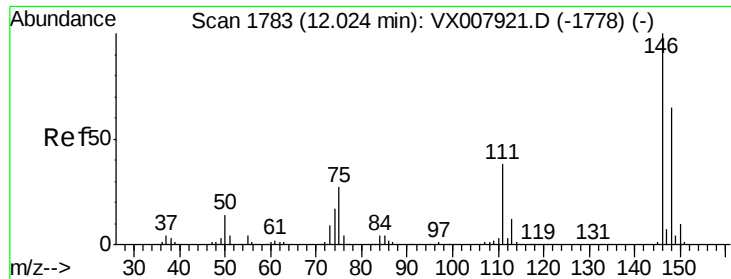
Tgt Ion:105 Resp: 259910
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 20.990 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion:119 Resp: 239871
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 55.4
 91 20.9 0.0 45.0

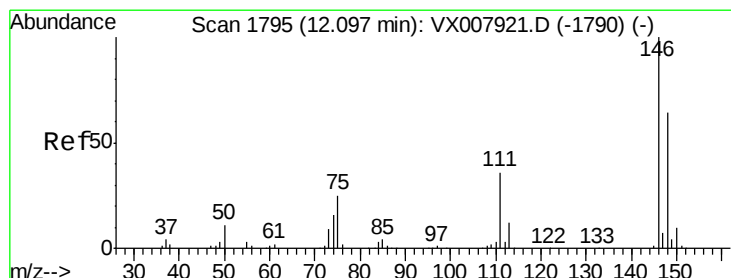
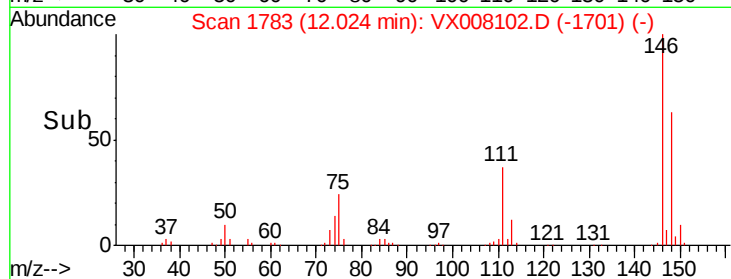
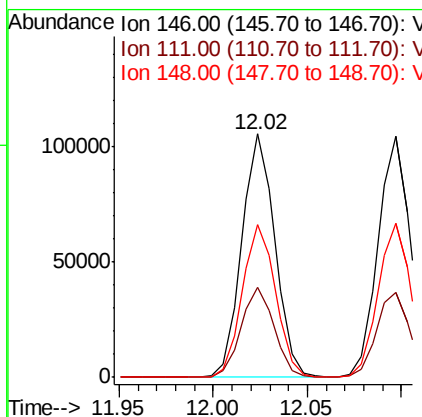
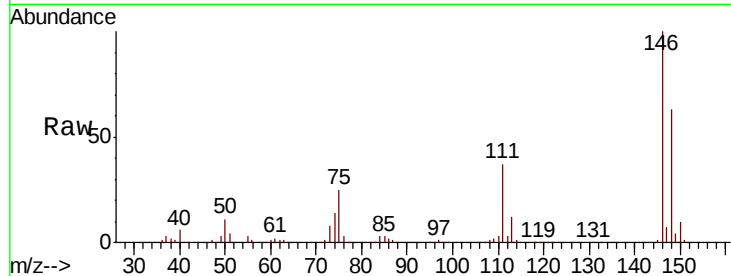




#83
 1,3-Dichlorobenzene
 Concen: 21.168 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

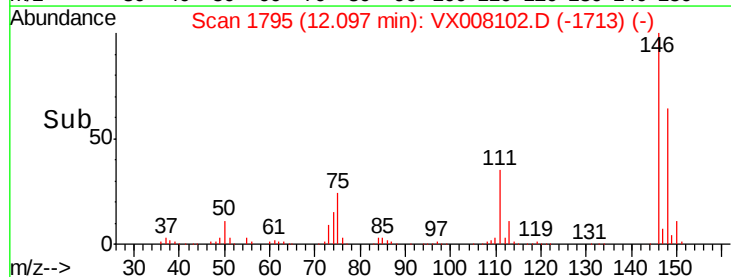
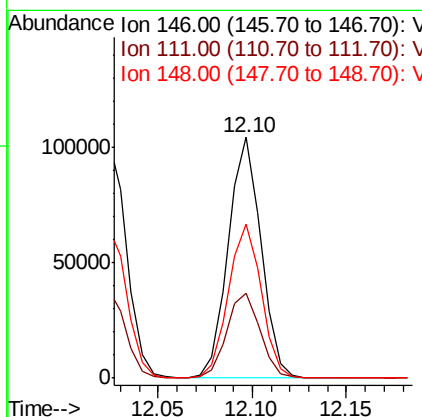
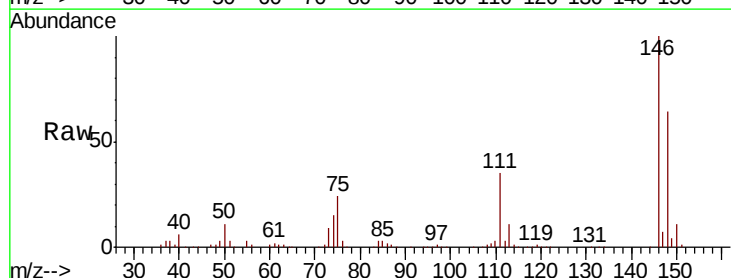
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

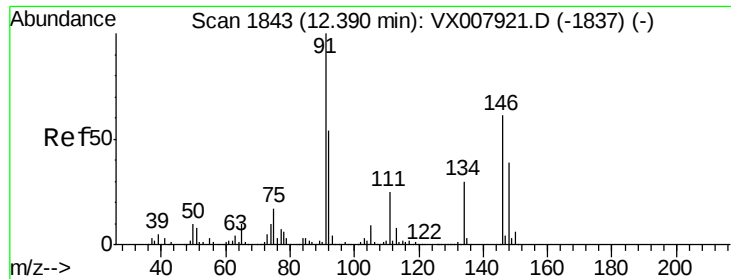
Tgt Ion:146 Resp: 128742
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.3
 148 63.0 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 20.678 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion:146 Resp: 125826
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.6 52.8
 148 64.5 31.4 94.2

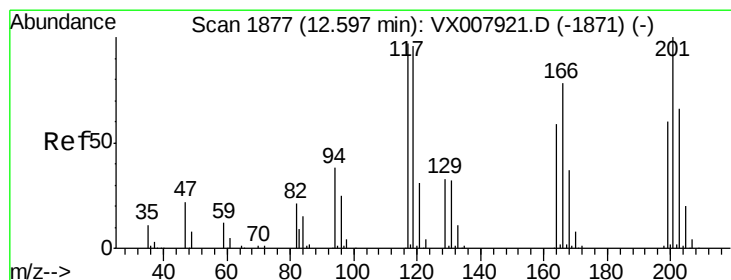
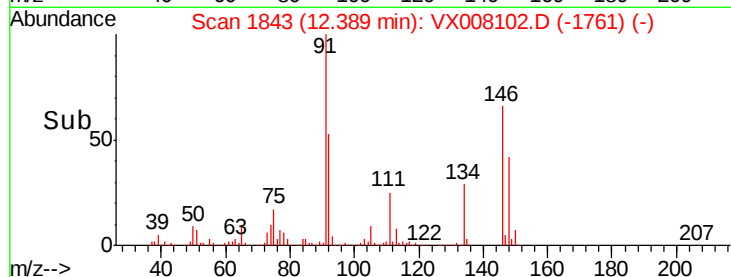
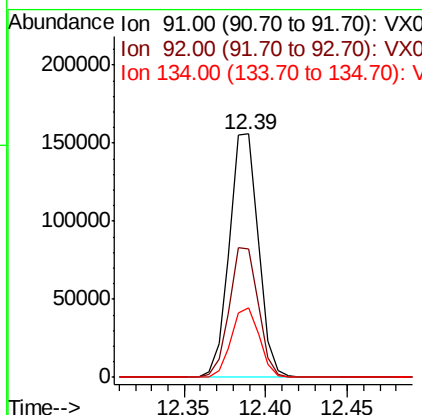
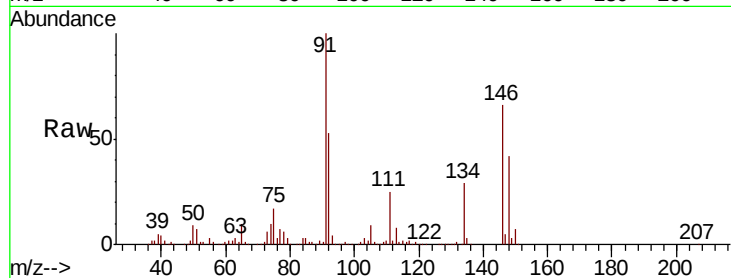




#85
n-Butylbenzene
Concen: 19.692 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

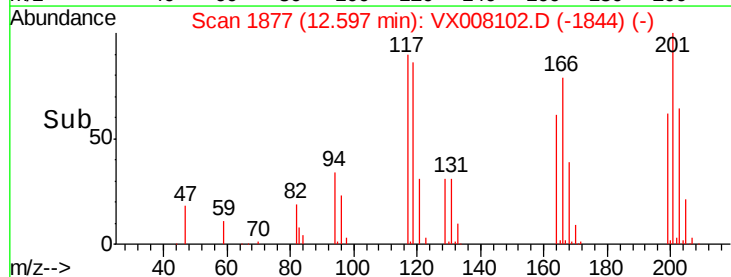
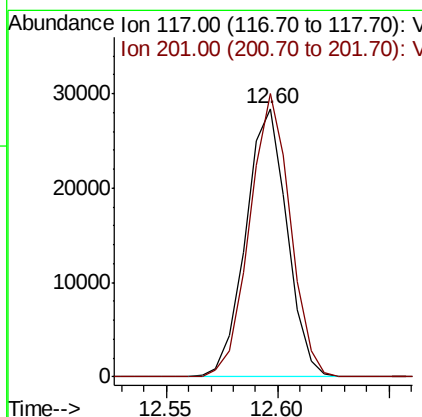
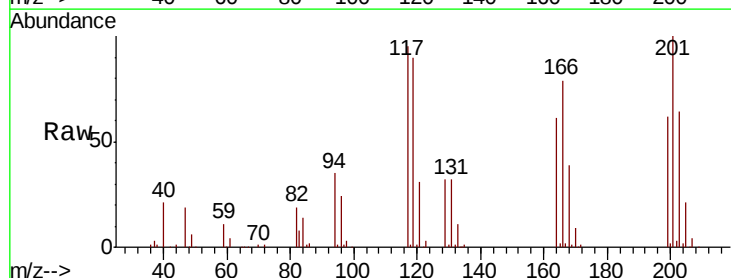
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

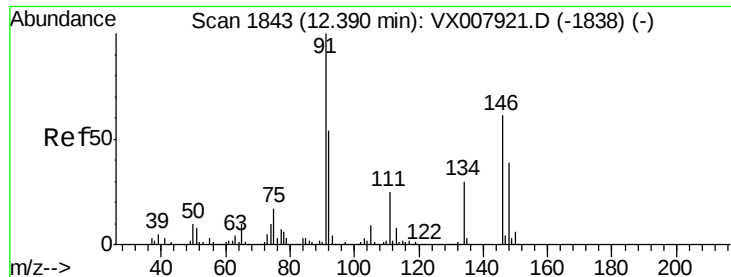
Tgt Ion: 91 Resp: 192457
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 28.0 0.0 56.4



#86
Hexachloroethane
Concen: 19.714 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008102.D
Acq: 15 Mar 2019 12:20

Tgt Ion: 117 Resp: 36707
Ion Ratio Lower Upper
117 100
201 103.6 41.1 123.3

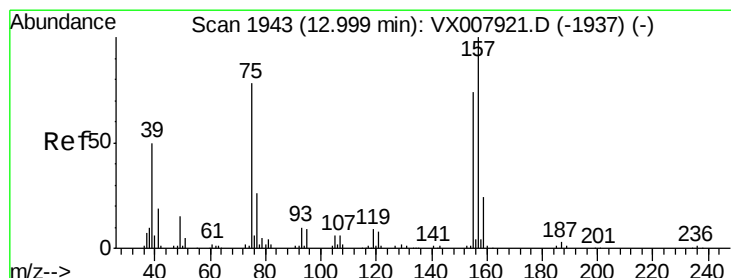
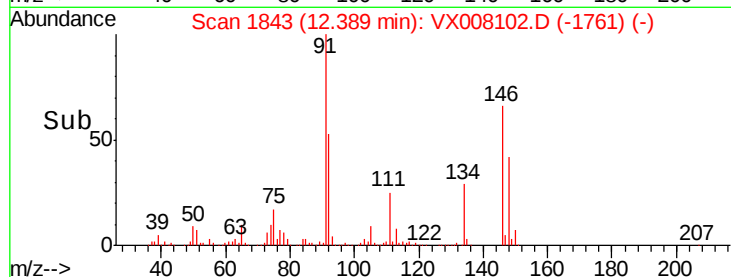
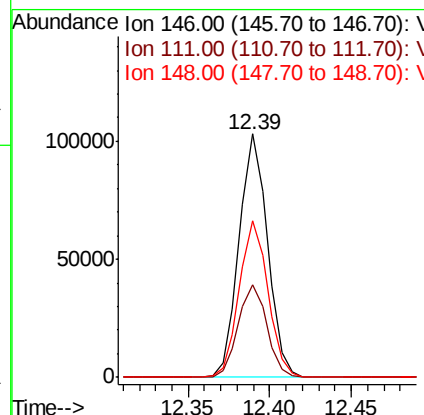
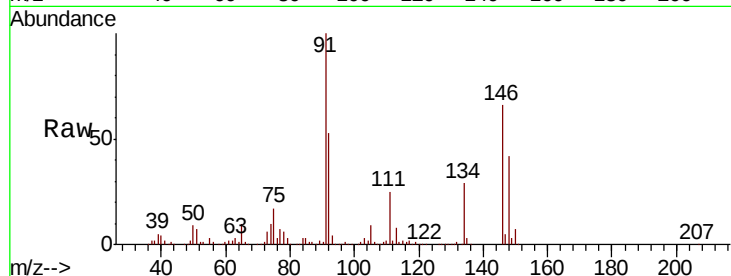




#87
 1,2-Dichlorobenzene
 Concen: 20.902 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

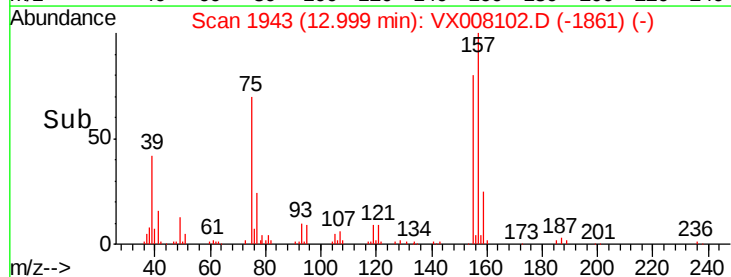
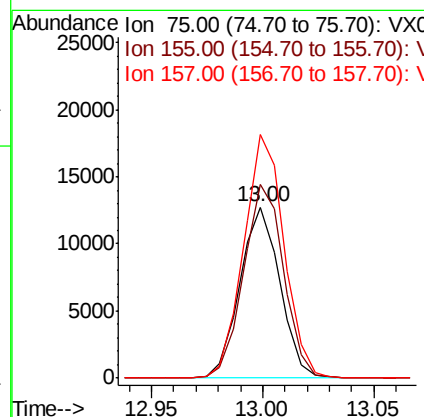
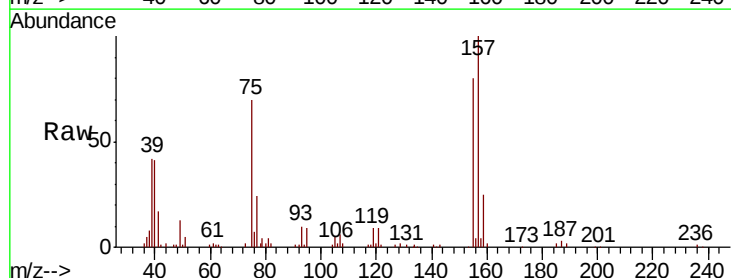
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

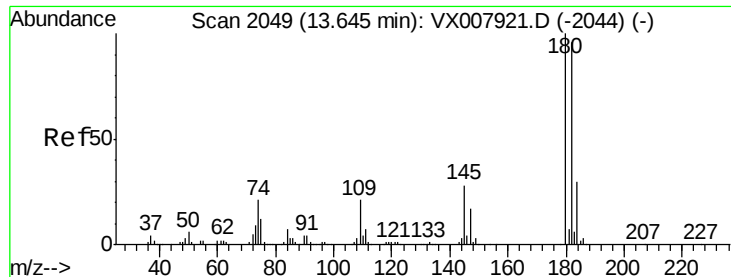
Tgt Ion:146 Resp: 125634
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.8
 148 64.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.389 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion: 75 Resp: 15940
 Ion Ratio Lower Upper
 75 100
 155 113.8 81.0 121.6
 157 143.8 103.2 154.8

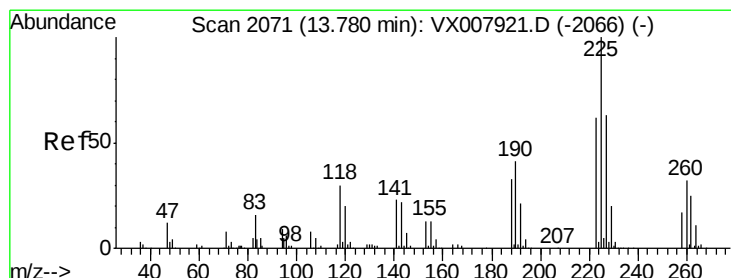
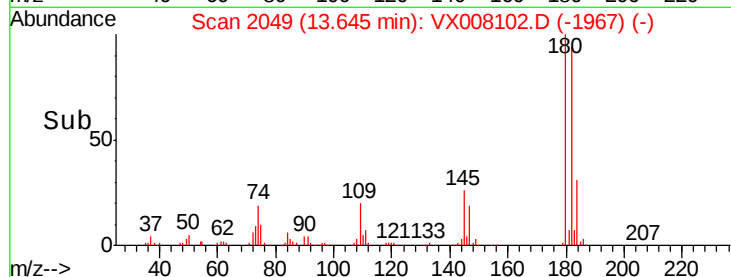
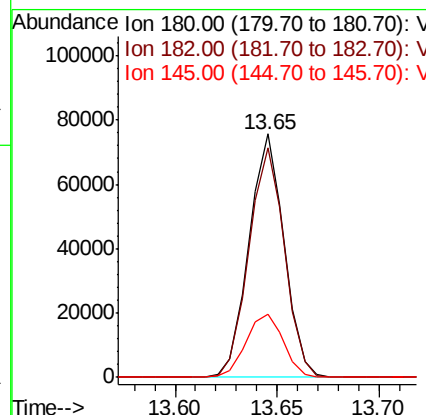
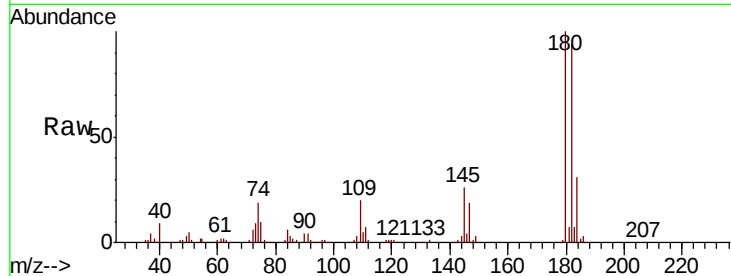




#89
 1,2,4-Trichlorobenzene
 Concen: 20.932 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

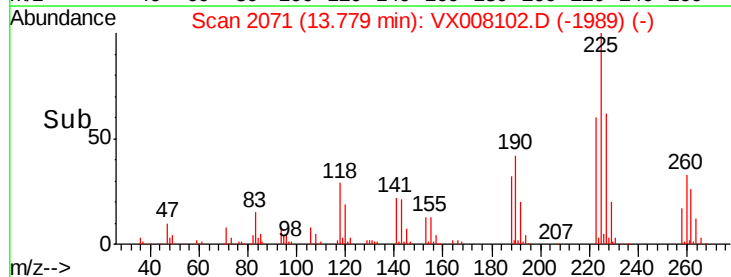
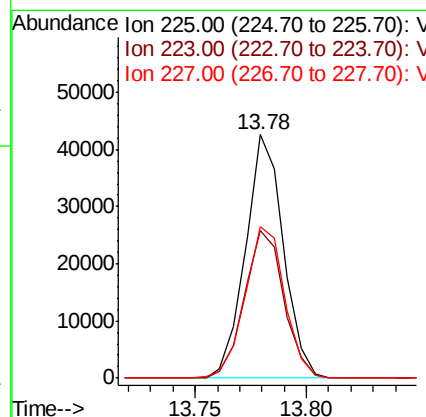
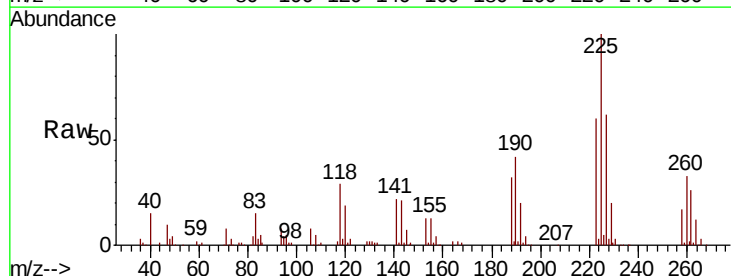
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

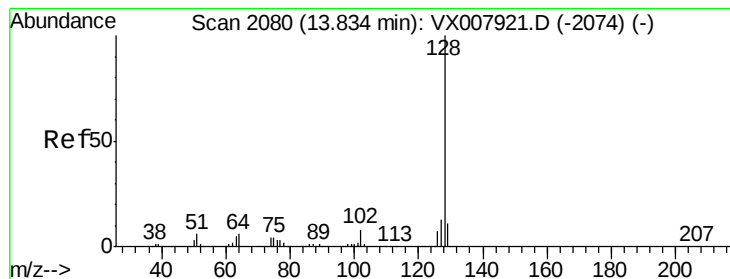
Tgt Ion:180 Resp: 90421
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.6 113.4
 145 27.7 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 21.287 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008102.D
 Acq: 15 Mar 2019 12:20

Tgt Ion:225 Resp: 50715
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 123.8
 227 64.8 0.0 124.4





#91

Naphthalene

Concen: 20.378 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

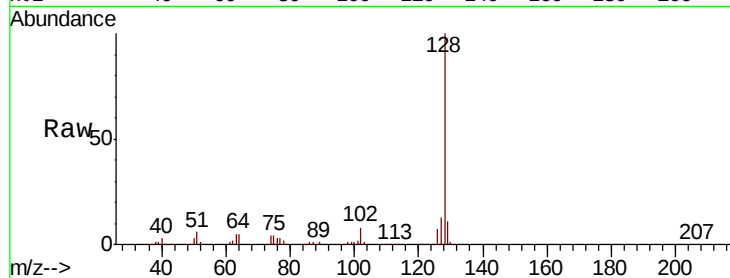
Tgt Ion:128 Resp: 252330

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

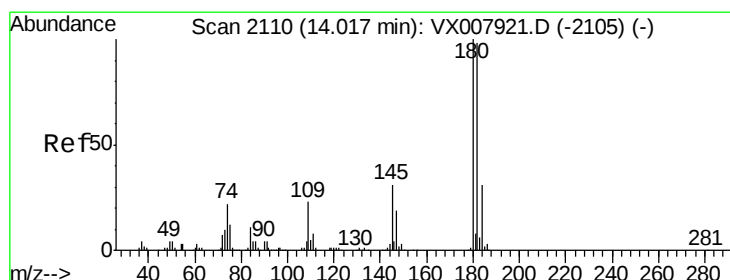
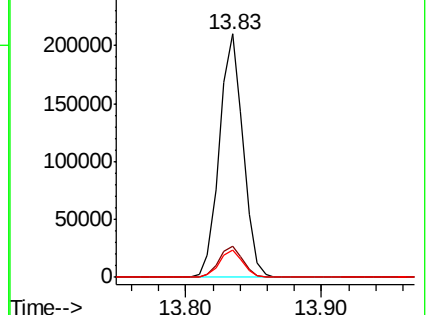
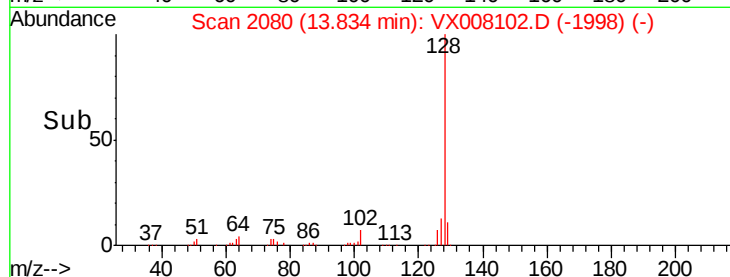
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.328 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008102.D

Acq: 15 Mar 2019 12:20

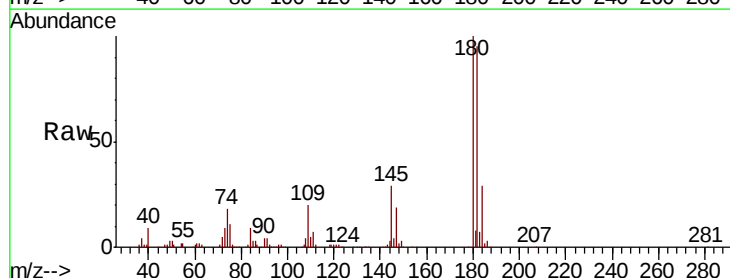
Tgt Ion:180 Resp: 91577

Ion Ratio Lower Upper

180 100

182 95.8 0.0 193.0

145 29.1 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

