

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032319\
 Data File : VX008346.D
 Acq On : 23 Mar 2019 13:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 23 14:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	364846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135905	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	4301	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	
35) Dibromofluoromethane	5.50	113	2960	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
50) Toluene-d8	8.71	98	10091	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
62) 4-Bromofluorobenzene	11.13	95	3444	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	2421	0.960 ug/l	94
3) Chloromethane	1.32	50	3910	1.235 ug/l	96
4) Vinyl Chloride	1.40	62	3708	1.175 ug/l	97
5) Bromomethane	1.65	94	2209	0.822 ug/l	97
6) Chloroethane	1.73	64	2329	1.177 ug/l #	86
7) Trichlorofluoromethane	1.93	101	4245	1.054 ug/l	97
8) Diethyl Ether	2.18	74	2075	1.001 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2475	0.925 ug/l	89
10) Methyl Iodide	2.51	142	3102	0.911 ug/l	92
11) Tert butyl alcohol	3.04	59	4156	6.194 ug/l #	84
12) 1,1-Dichloroethene	2.37	96	2544	1.008 ug/l #	85
13) Acrolein	2.29	56	3837	7.503 ug/l	95
14) Allyl chloride	2.73	41	5468	0.995 ug/l	94
15) Acrylonitrile	3.14	53	9403	5.299 ug/l	93
16) Acetone	2.44	43	8770	4.934 ug/l	93
17) Carbon Disulfide	2.57	76	9567	1.175 ug/l #	90
18) Methyl Acetate	2.77	43	4363	1.060 ug/l	96
19) Methyl tert-butyl Ether	3.19	73	8669	0.950 ug/l	92
20) Methylene Chloride	2.86	84	3340	1.127 ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	2933	1.075 ug/l	97
22) Diisopropyl ether	3.85	45	10094	0.938 ug/l #	75
23) Vinyl Acetate	3.81	43	42186	4.571 ug/l	97
24) 1,1-Dichloroethane	3.70	63	5410	0.977 ug/l #	96
25) 2-Butanone	4.68	43	13368	5.095 ug/l	94
26) 2,2-Dichloropropane	4.58	77	3135	0.752 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3206	1.031 ug/l	87
28) Bromochloromethane	5.02	49	3122	1.256 ug/l #	66
29) Tetrahydrofuran	5.14	42	8947	5.455 ug/l	99
30) Chloroform	5.21	83	4883	0.943 ug/l	93
31) Cyclohexane	5.57	56	5243	1.008 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	3690	0.857 ug/l #	40
36) 1,1-Dichloropropene	5.79	75	3741	0.881 ug/l #	93
37) Ethyl Acetate	4.84	43	4912	0.978 ug/l	97
38) Carbon Tetrachloride	5.79	117	3362	0.888 ug/l	92

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Instrument :
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 ClientSampleID :
 VSTDIC001

Quant Time: Mar 23 14:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4568	0.894	ug/l	95
40) Benzene	6.14	78	11758	0.935	ug/l	98
41) Methacrylonitrile	5.04	41	2420	0.859	ug/l #	75
42) 1,2-Dichloroethane	6.19	62	4513	0.980	ug/l	99
43) Isopropyl Acetate	6.45	43	7113	0.884	ug/l #	94
44) Trichloroethene	7.21	130	2940	0.956	ug/l	96
45) 1,2-Dichloropropane	7.51	63	3128	0.889	ug/l #	85
46) Dibromomethane	7.66	93	2152	1.010	ug/l #	78
47) Bromodichloromethane	7.90	83	3560	0.877	ug/l	97
48) Methyl methacrylate	7.77	41	3808	0.890	ug/l	94
49) 1,4-Dioxane	7.74	88	1779	23.557	ug/l #	71
51) 4-Methyl-2-Pentanone	8.64	43	24250	4.660	ug/l	94
52) Toluene	8.79	92	6625	0.888	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	3372	0.742	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	3911	0.776	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2816	0.934	ug/l	98
56) Ethyl methacrylate	9.18	69	4308	0.894	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	5057	0.949	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	11886	4.814	ug/l	93
59) 2-Hexanone	9.49	43	18550	4.631	ug/l	92
60) Dibromochloromethane	9.58	129	2256	0.779	ug/l	100
61) 1,2-Dibromoethane	9.67	107	2634	0.837	ug/l	95
64) Tetrachloroethene	9.34	164	2266	0.793	ug/l	98
65) Chlorobenzene	10.13	112	6728	0.863	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2183	0.804	ug/l #	65
67) Ethyl Benzene	10.25	91	12308	0.896	ug/l	99
68) m/p-Xylenes	10.36	106	8469	1.679	ug/l	90
69) o-Xylene	10.69	106	4209	0.859	ug/l	93
70) Styrene	10.71	104	6961	0.874	ug/l	91
71) Bromoform	10.85	173	1493	0.722	ug/l #	96
73) Isopropylbenzene	11.02	105	11122	0.918	ug/l	97
74) N-amyl acetate	10.90	43	5598	0.882	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	4770	1.098	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4712	1.233	ug/l	100
77) Bromobenzene	11.26	156	2642	0.902	ug/l	76
78) n-propylbenzene	11.36	91	12340	0.877	ug/l	93
79) 2-Chlorotoluene	11.42	91	8428	0.998	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	9087	0.908	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	1019	0.763	ug/l #	48
82) 4-Chlorotoluene	11.51	91	9136	0.930	ug/l	95
83) tert-Butylbenzene	11.77	119	8413	0.880	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	8864	0.874	ug/l	97
85) sec-Butylbenzene	11.94	105	10427	0.881	ug/l	97
86) p-Isopropyltoluene	12.06	119	8458	0.826	ug/l #	89
87) 1,3-Dichlorobenzene	12.02	146	4846	0.926	ug/l	92
88) 1,4-Dichlorobenzene	12.02	146	4846	0.895	ug/l	92
89) n-Butylbenzene	12.38	91	7999	0.832	ug/l	93
90) Hexachloroethane	12.60	117	1412	0.809	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	4971	0.942	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	874	0.906	ug/l	75

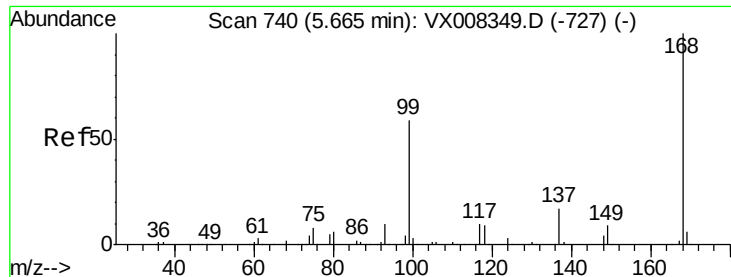
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
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MSVOA_X
ClientSampleId :
VSTDICC001

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3341	0.961	ug/l	97
94) Hexachlorobutadiene	13.78	225	1501	0.885	ug/l	95
95) Naphthalene	13.83	128	11820	1.077	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	3389	0.991	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

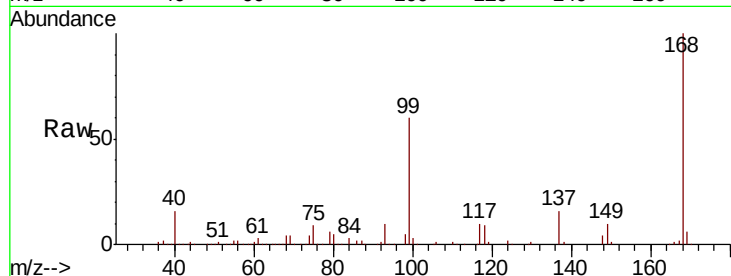
VSTDIC001

Tgt Ion:168 Resp: 208095

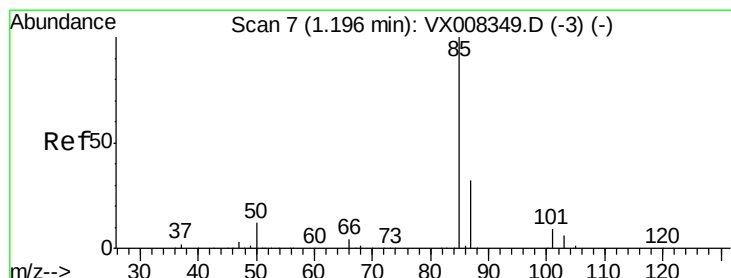
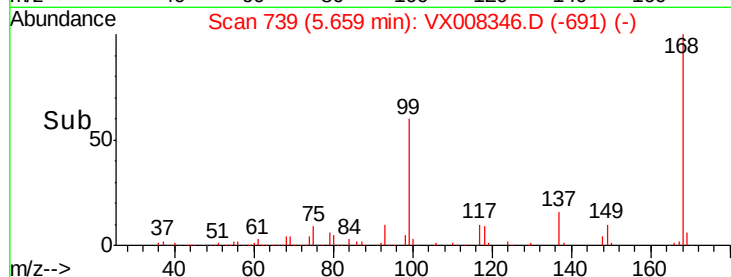
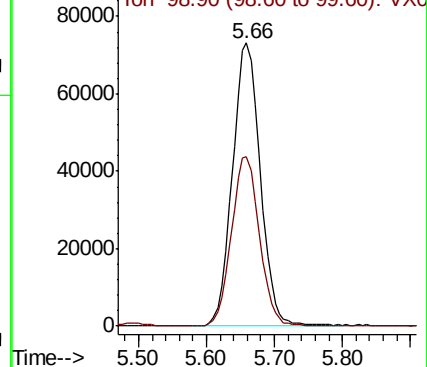
Ion Ratio Lower Upper

168 100

99 59.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008349.D (-727) (-)



#2

Dichlorodifluoromethane

Concen: 0.960 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008346.D

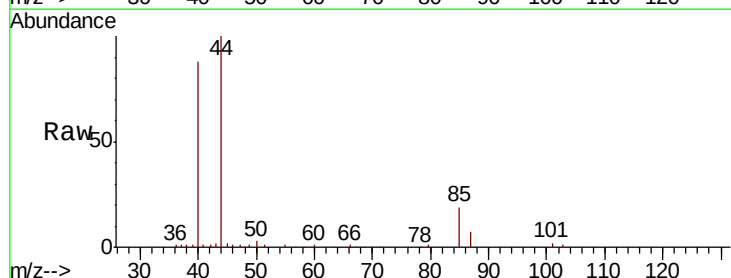
Acq: 23 Mar 2019 13:07

Tgt Ion: 85 Resp: 2421

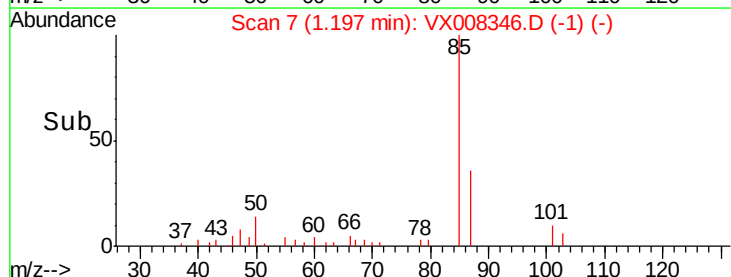
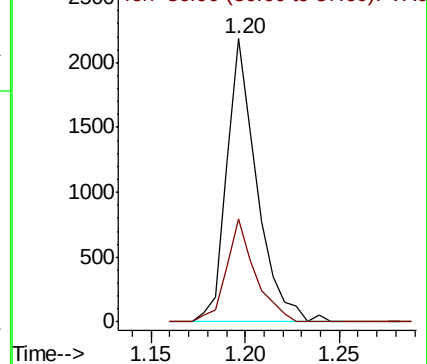
Ion Ratio Lower Upper

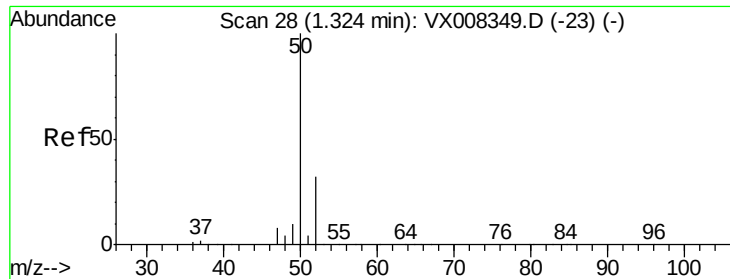
85 100

87 36.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008346.D (-1) (-)





#3

Chloromethane

Concen: 1.235 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

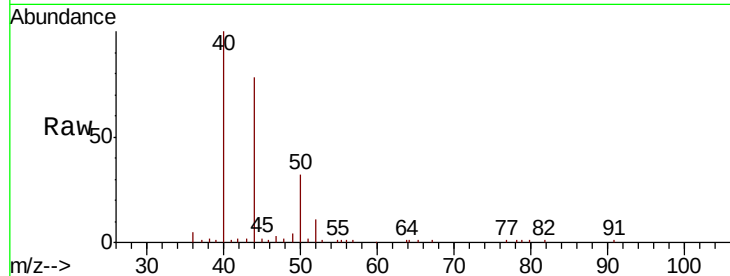
VSTDIC001

Tgt Ion: 50 Resp: 3910

Ion Ratio Lower Upper

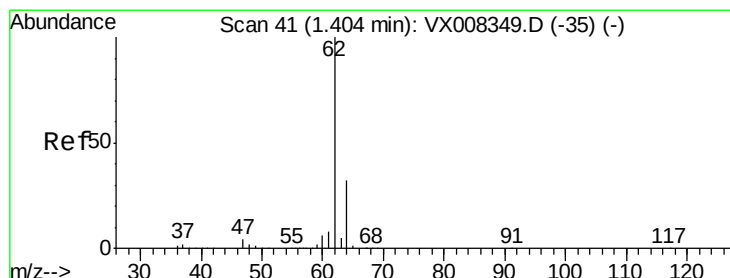
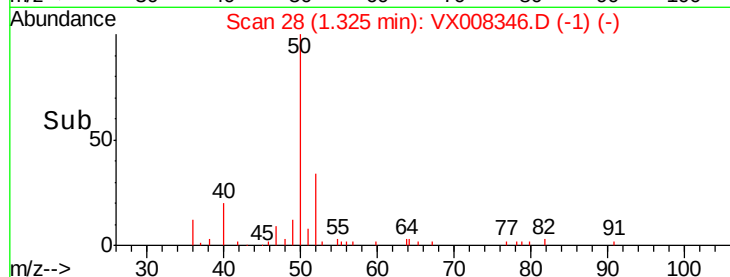
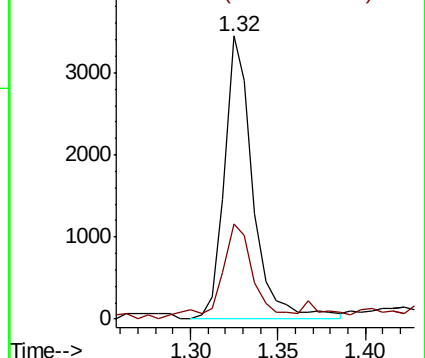
50 100

52 30.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.175 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008346.D

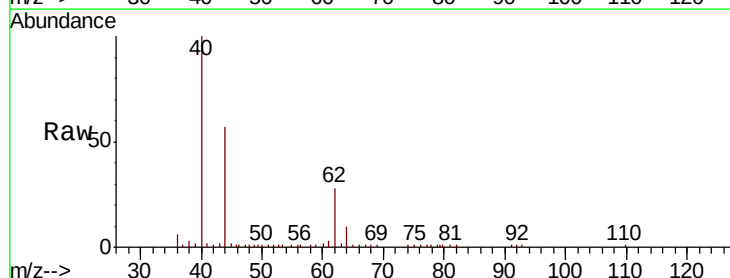
Acq: 23 Mar 2019 13:07

Tgt Ion: 62 Resp: 3708

Ion Ratio Lower Upper

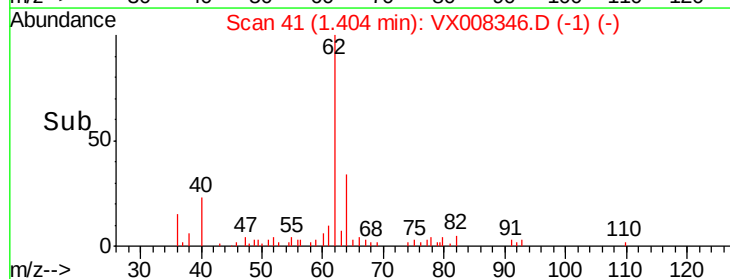
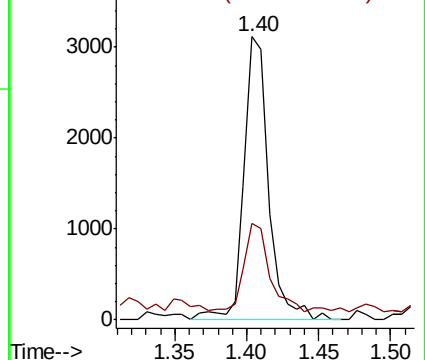
62 100

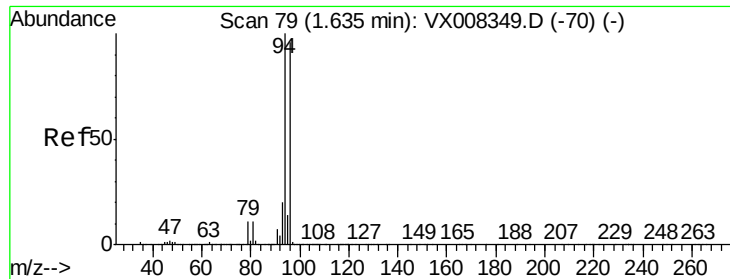
64 29.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.822 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

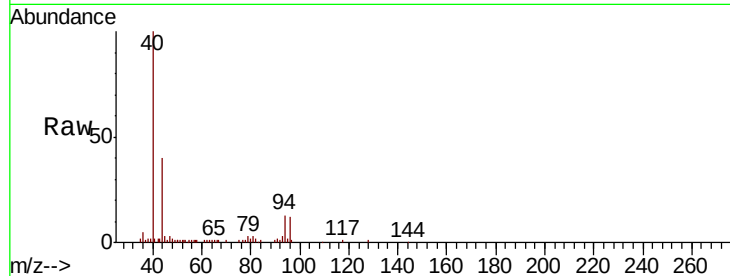
VSTDIC001

Tgt Ion: 94 Resp: 2209

Ion Ratio Lower Upper

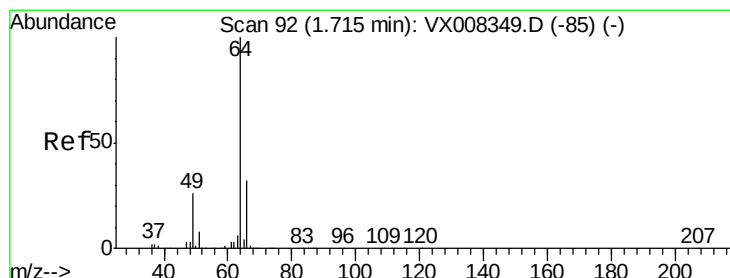
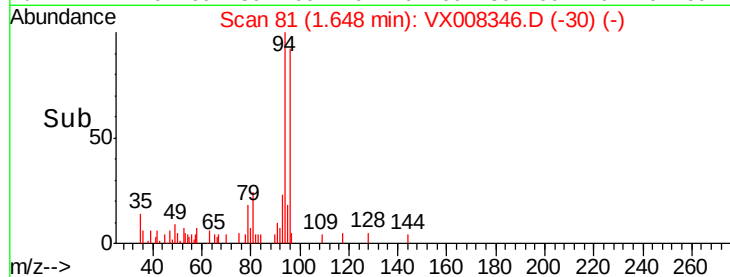
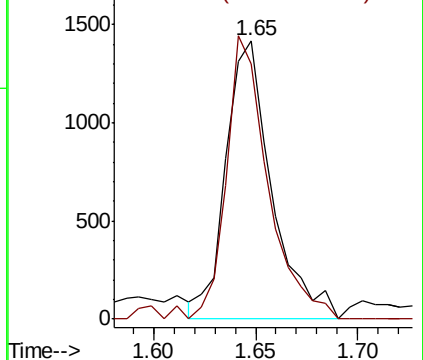
94 100

96 91.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.177 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008346.D

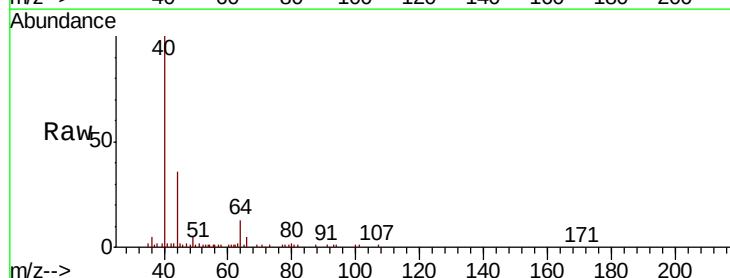
Acq: 23 Mar 2019 13:07

Tgt Ion: 64 Resp: 2329

Ion Ratio Lower Upper

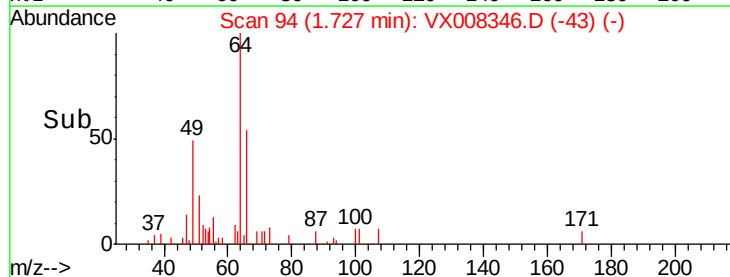
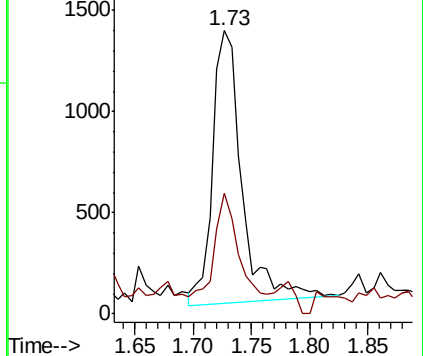
64 100

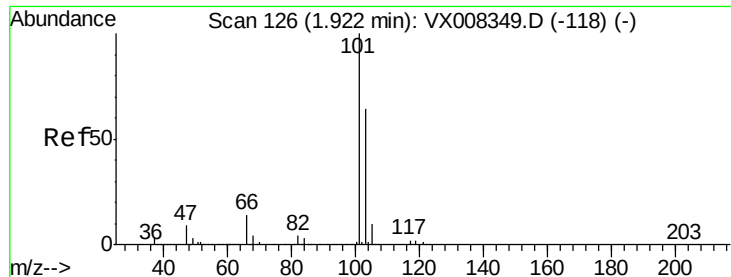
66 39.1 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



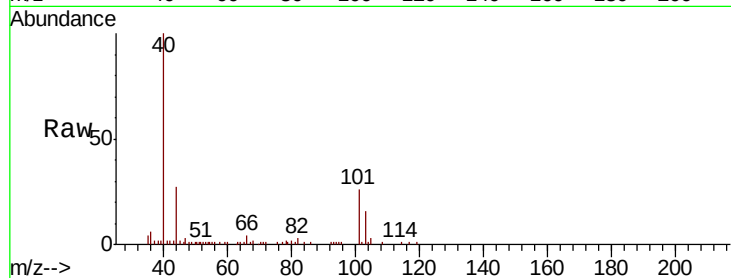


#7

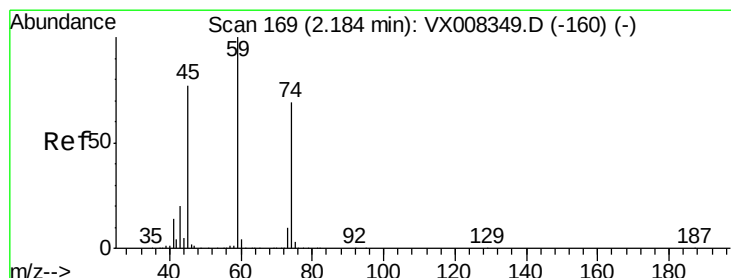
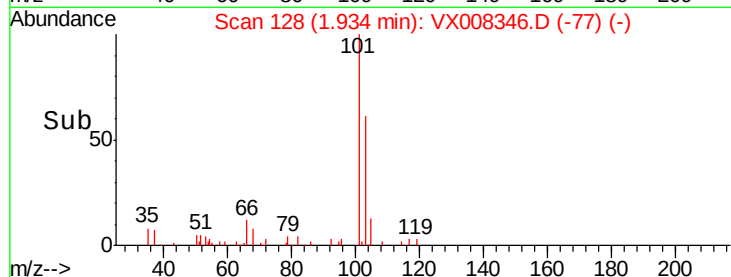
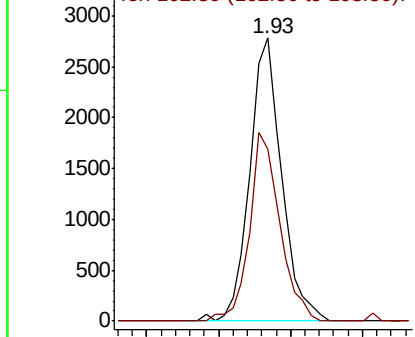
Trichlorofluoromethane
Concen: 1.054 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 101 Resp: 4245
Ion Ratio Lower Upper
101 100
103 61.0 50.4 75.6



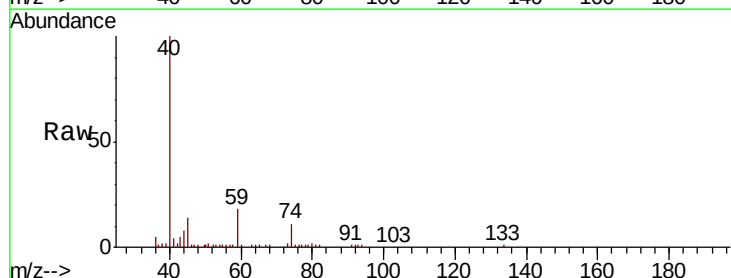
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



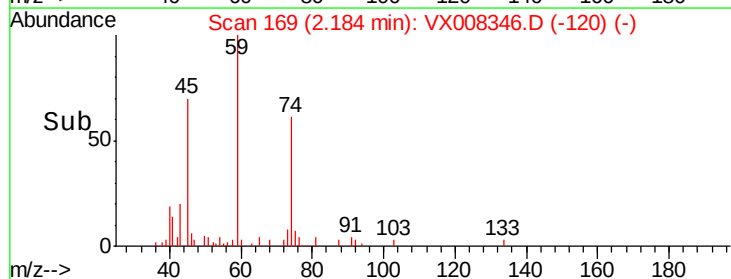
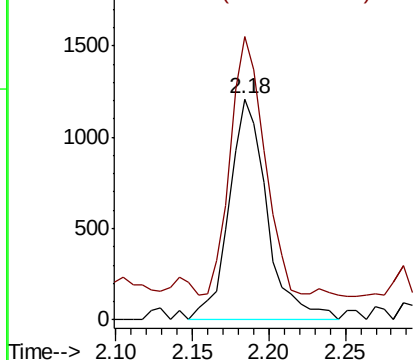
#8

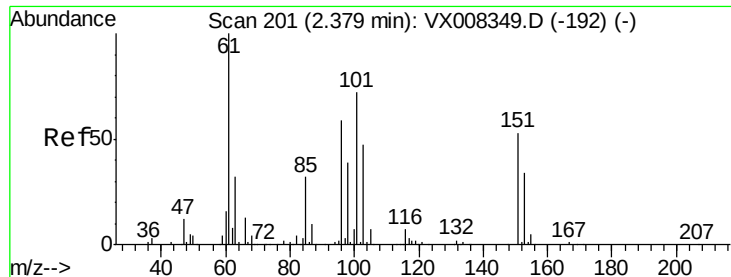
Diethyl Ether
Concen: 1.001 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 74 Resp: 2075
Ion Ratio Lower Upper
74 100
45 104.5 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.925 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

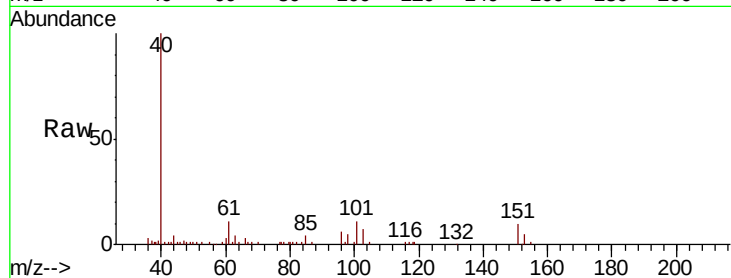
Tgt Ion:101 Resp: 2475

Ion Ratio Lower Upper

101 100

85 48.7 33.8 50.6

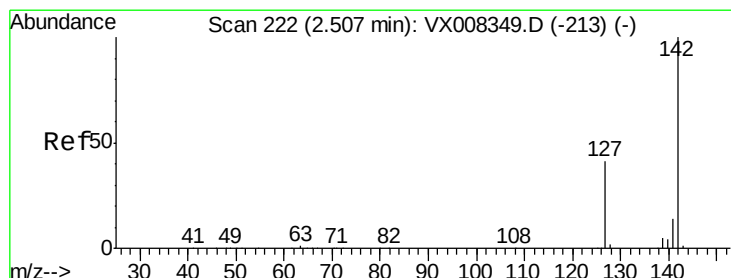
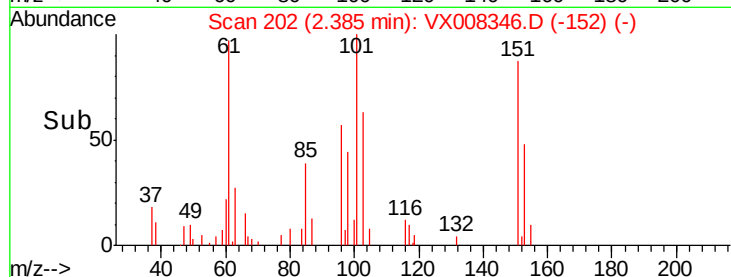
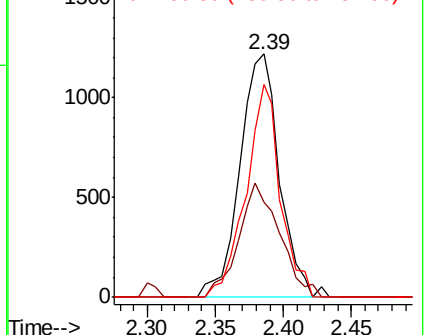
151 76.4 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.911 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

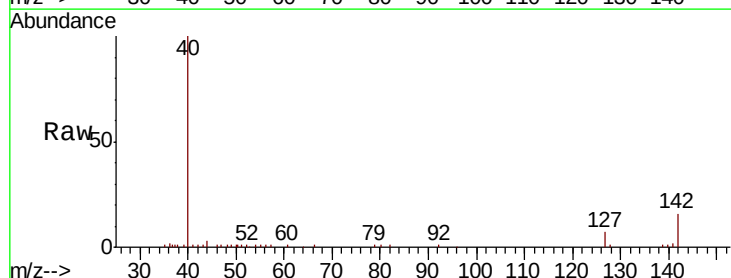
Tgt Ion:142 Resp: 3102

Ion Ratio Lower Upper

142 100

127 46.6 32.1 48.1

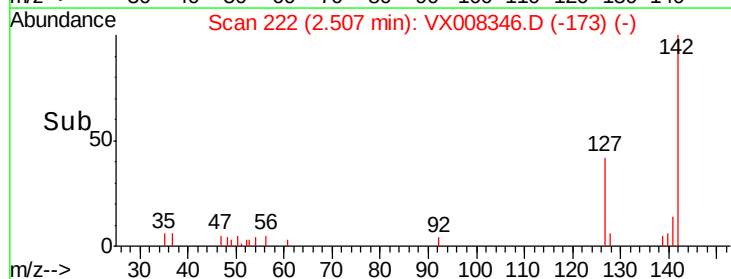
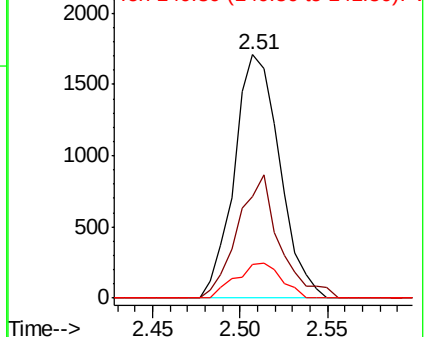
141 14.5 11.4 17.2

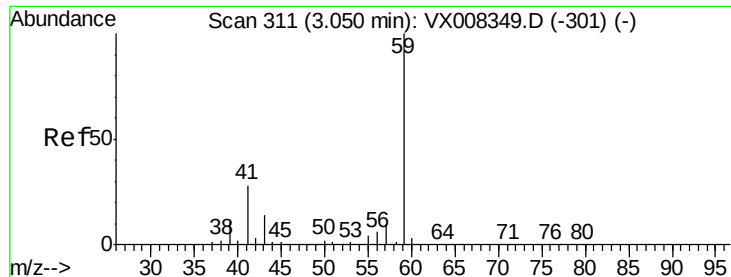


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

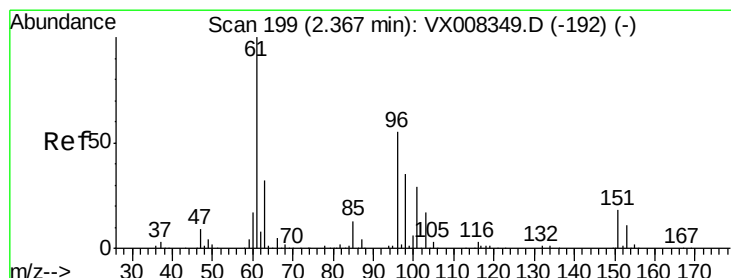
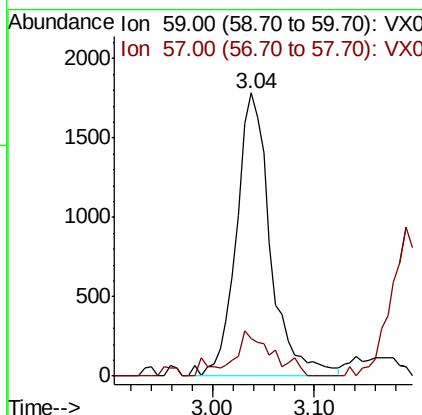
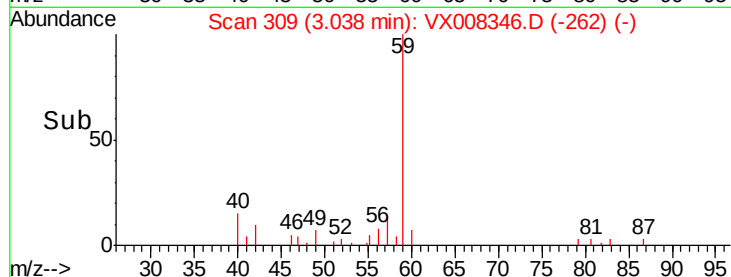
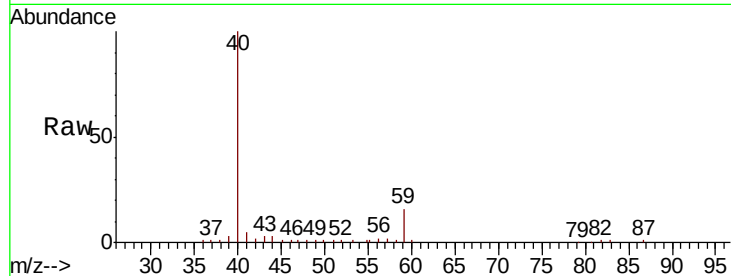




#11
Tert butyl alcohol
Concen: 6.194 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

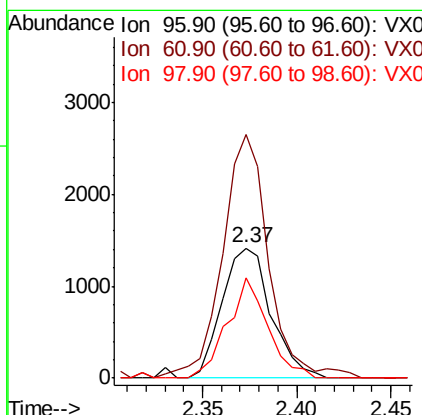
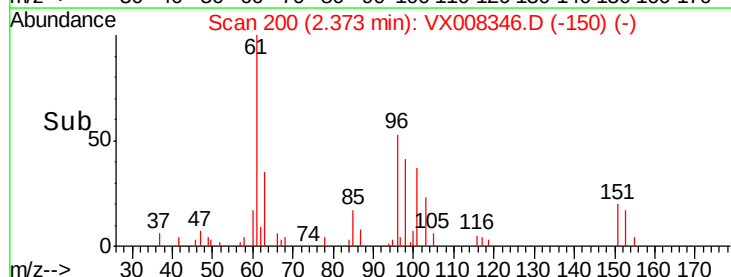
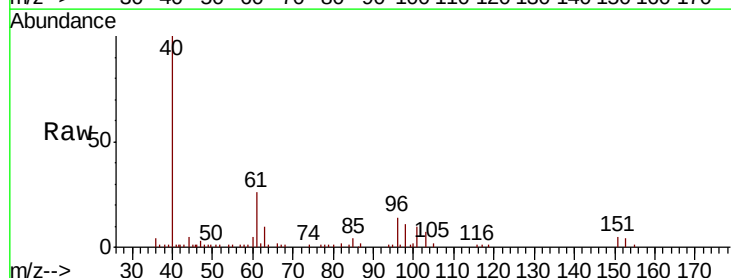
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

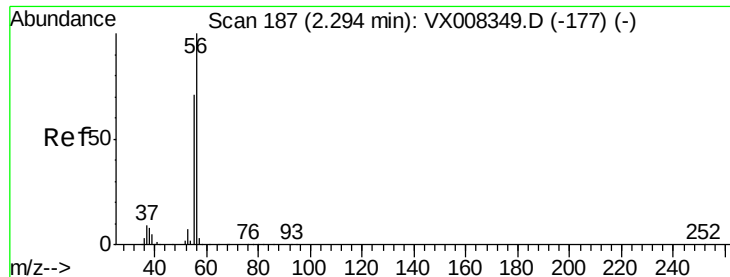
Tgt Ion: 59 Resp: 4156
Ion Ratio Lower Upper
59 100
57 16.2 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.008 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 96 Resp: 2544
Ion Ratio Lower Upper
96 100
61 180.8 129.8 194.6
98 76.8 51.0 76.6#





#13

Acrolein

Concen: 7.503 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

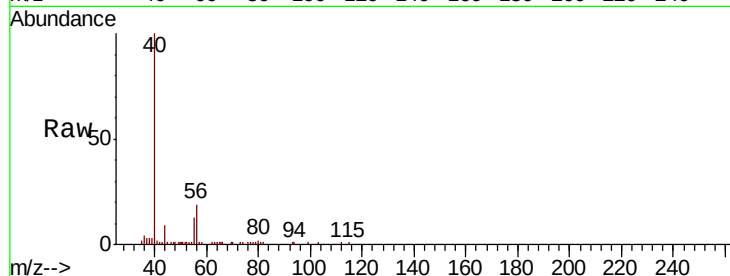
VSTDIC001

Tgt Ion: 56 Resp: 3837

Ion Ratio Lower Upper

56 100

55 68.0 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

2500

2000

1500

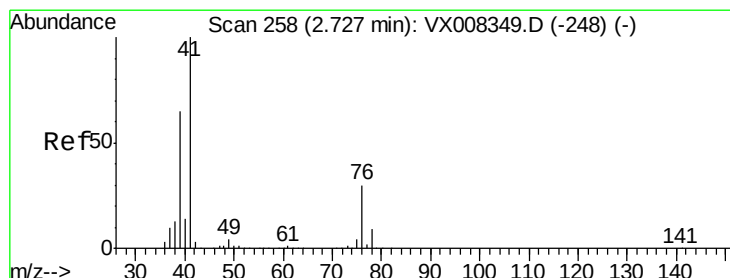
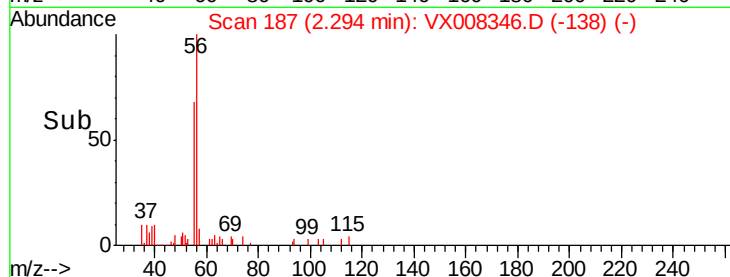
1000

500

0

Time-->

2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 0.995 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

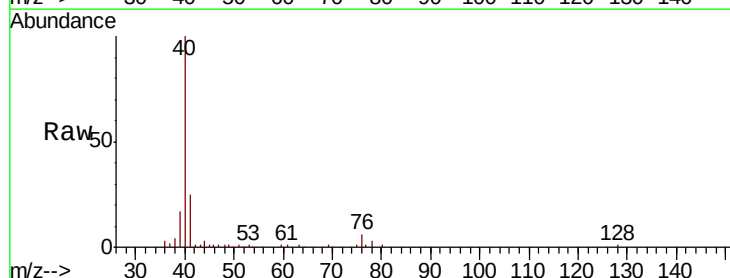
Tgt Ion: 41 Resp: 5468

Ion Ratio Lower Upper

41 100

39 61.6 46.1 69.1

76 26.0 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

4000

3000

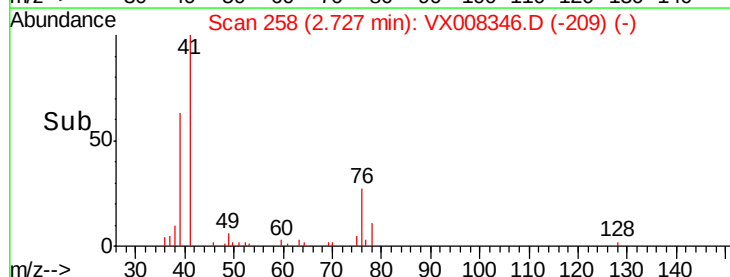
2000

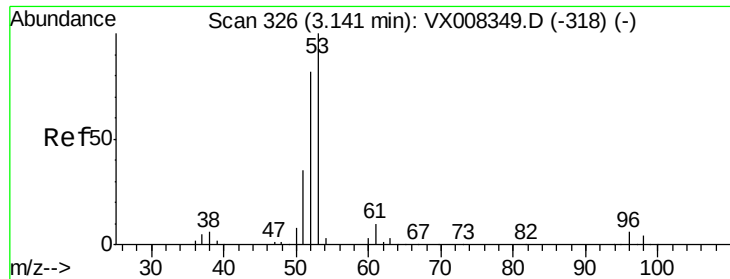
1000

0

Time-->

2.65 2.70 2.75 2.80





#15

Acrylonitrile

Concen: 5.299 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

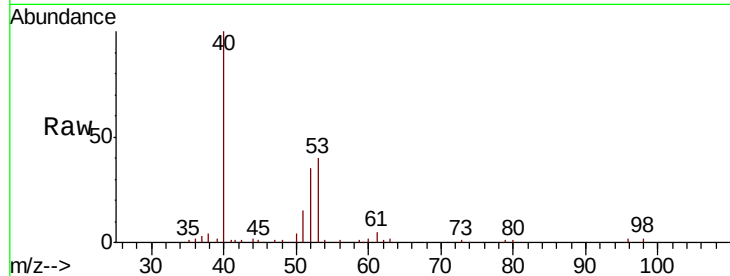
Tgt Ion: 53 Resp: 9403

Ion Ratio Lower Upper

53 100

52 91.3 66.0 99.0

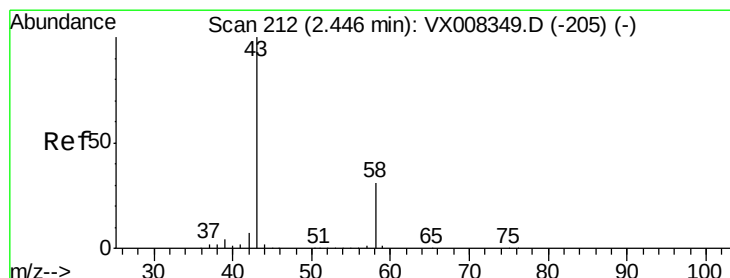
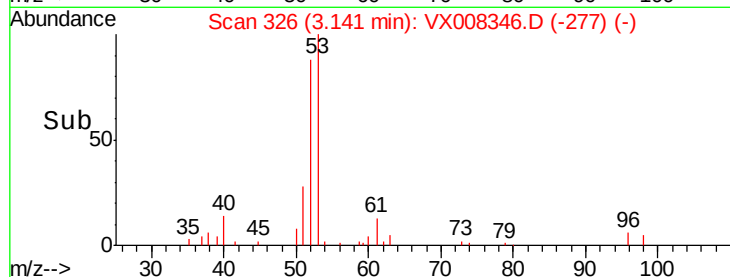
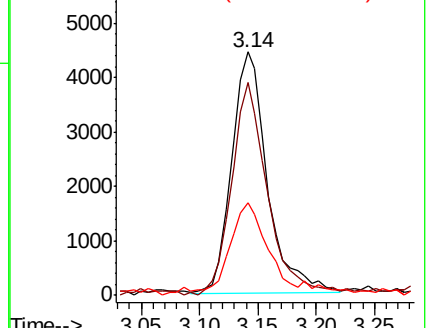
51 36.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.934 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008346.D

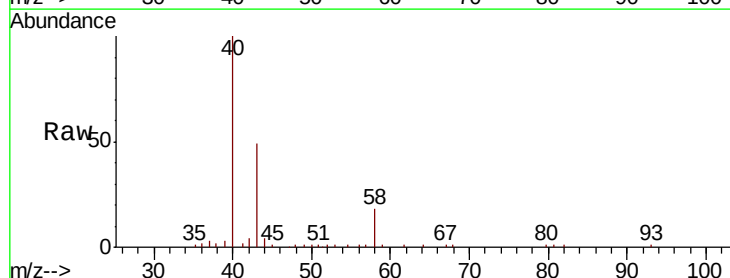
Acq: 23 Mar 2019 13:07

Tgt Ion: 43 Resp: 8770

Ion Ratio Lower Upper

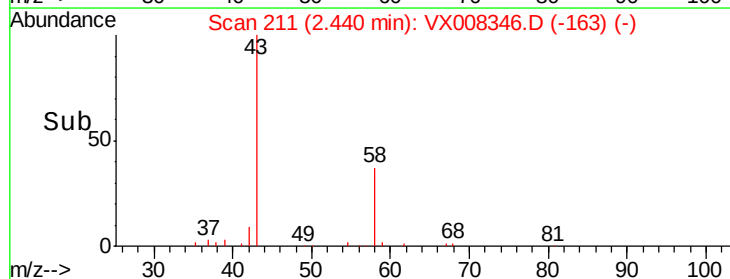
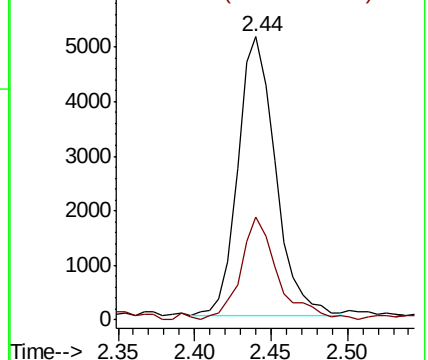
43 100

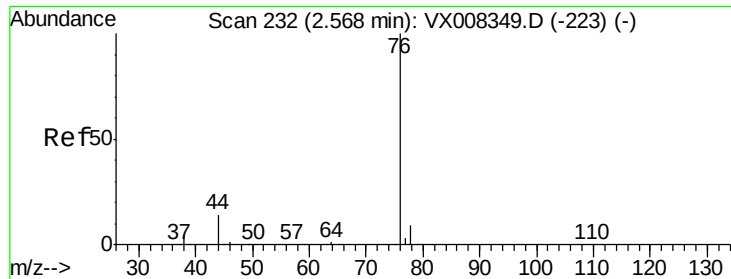
58 35.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

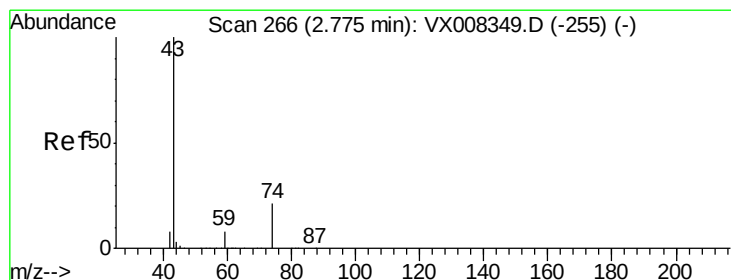
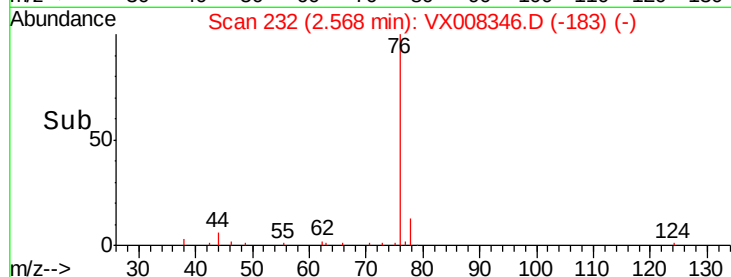
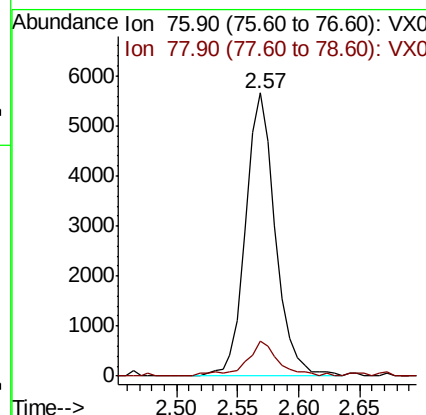
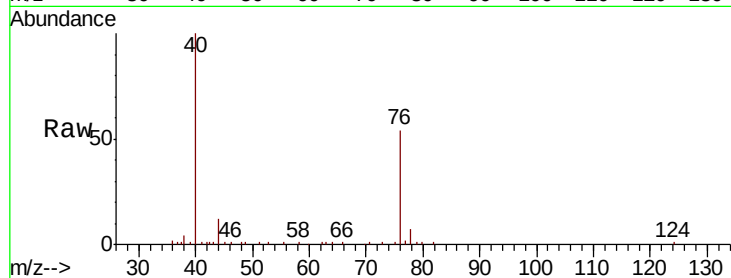




#17
Carbon Disulfide
Concen: 1.175 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

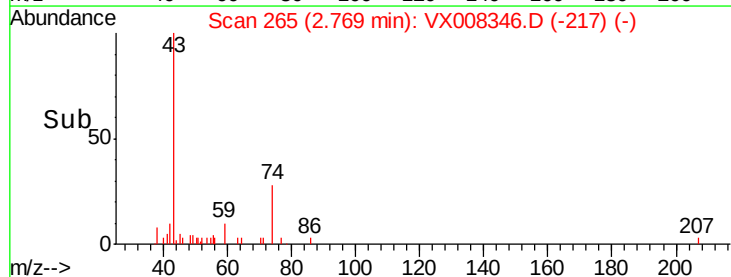
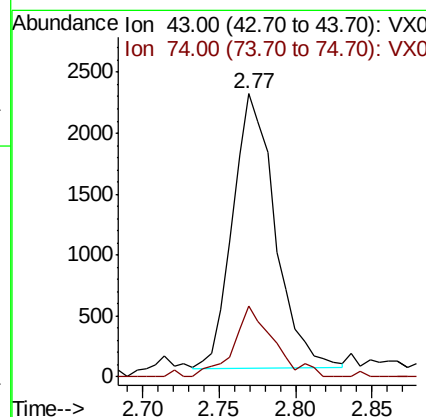
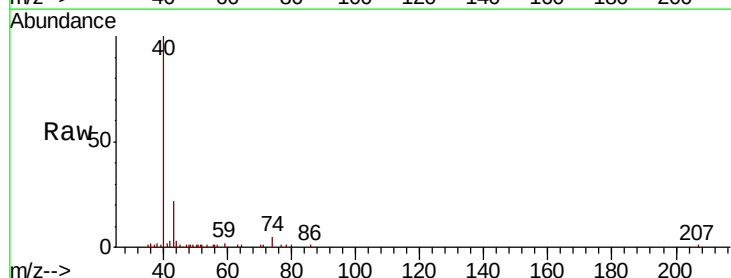
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

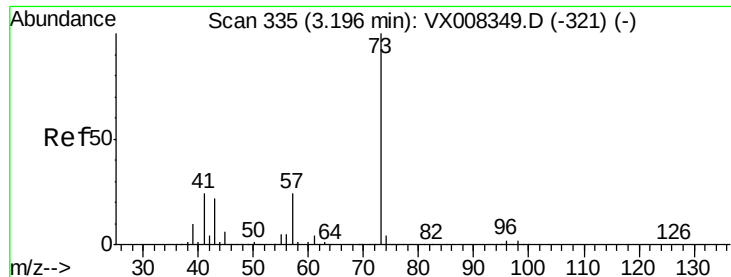
Tgt Ion: 76 Resp: 9567
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#18
Methyl Acetate
Concen: 1.060 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 0.950 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

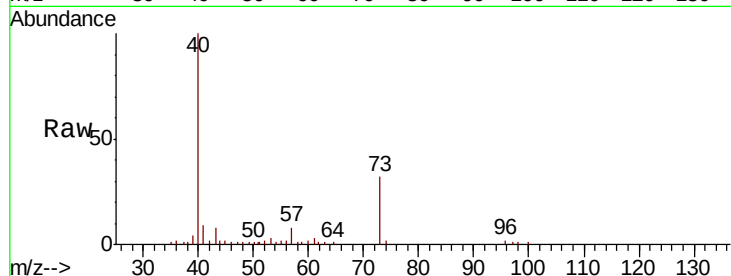
VSTDIC001

Tgt Ion: 73 Resp: 8669

Ion Ratio Lower Upper

73 100

57 26.4 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX008346.D (-286) (-)

Ion 57.00 (56.70 to 57.70): VX008346.D (-286) (-)

3.19

4000

3000

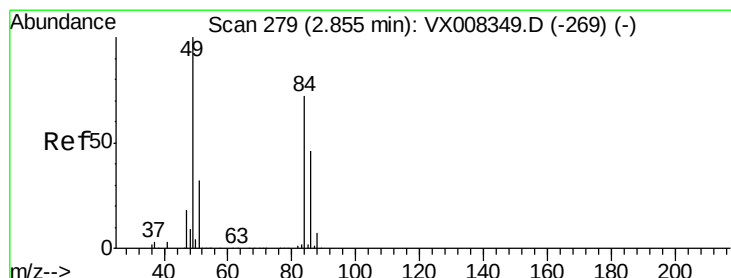
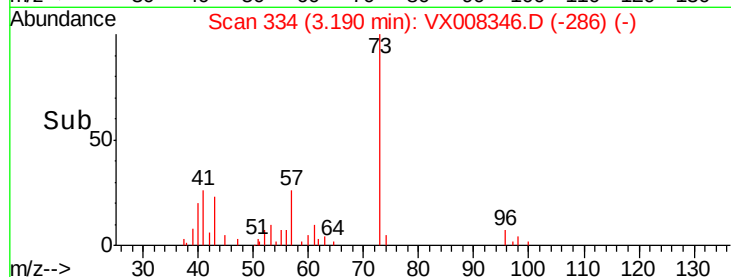
2000

1000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 1.127 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Tgt Ion: 84 Resp: 3340

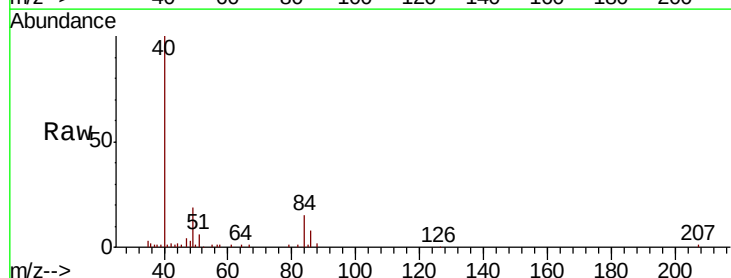
Ion Ratio Lower Upper

84 100

49 122.6 99.3 148.9

51 36.5 31.3 46.9

86 53.2 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VX008346.D (-230) (-)

Ion 48.90 (48.60 to 49.60): VX008346.D (-230) (-)

Ion 50.90 (50.60 to 51.60): VX008346.D (-230) (-)

Ion 85.90 (85.60 to 86.60): VX008346.D (-230) (-)

3000

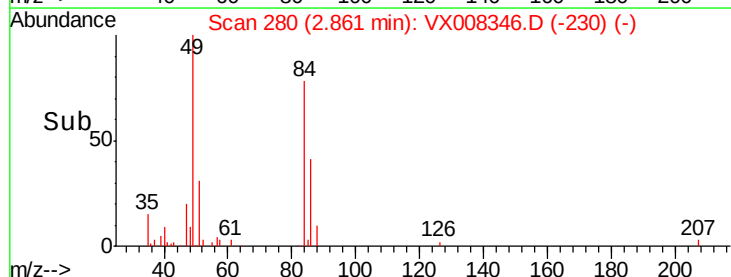
2000

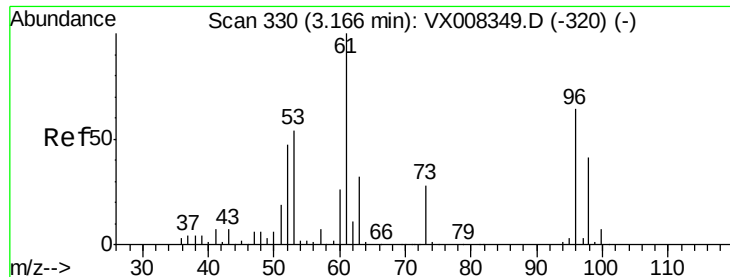
1000

0

2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.075 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

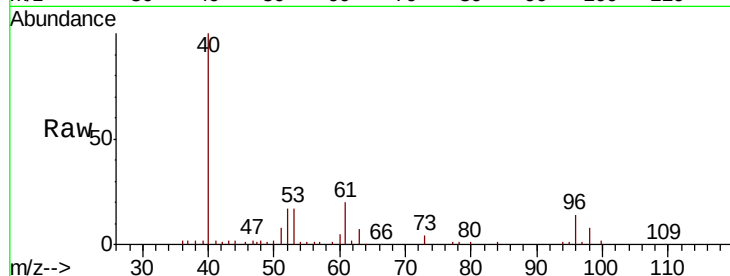
Tgt Ion: 96 Resp: 2933

Ion Ratio Lower Upper

96 100

61 142.3 114.4 171.6

98 58.0 51.1 76.7

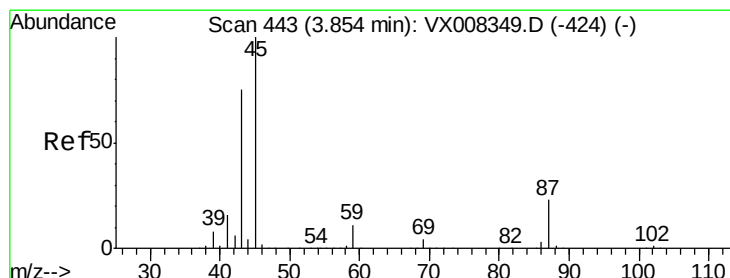
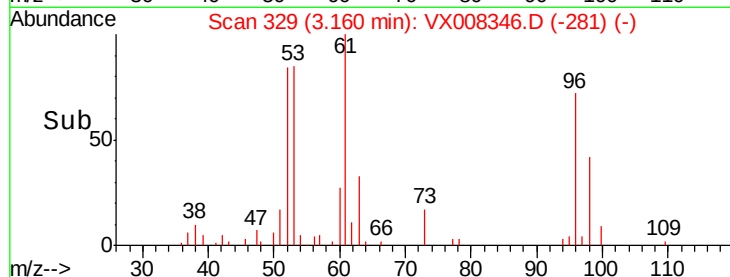
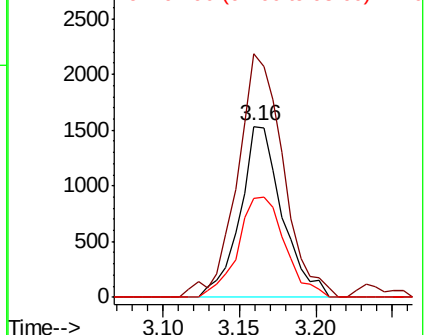


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.938 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Tgt Ion: 45 Resp: 10094

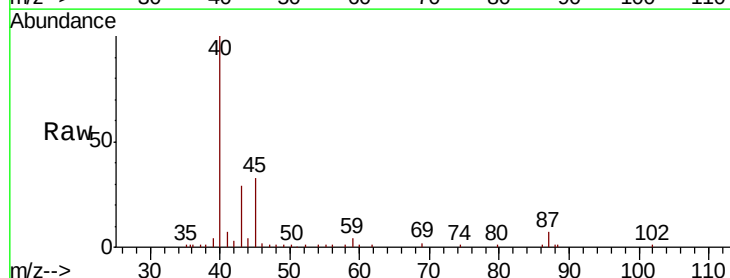
Ion Ratio Lower Upper

45 100

43 84.7 45.3 67.9#

87 22.9 21.4 32.0

59 12.1 9.5 14.3



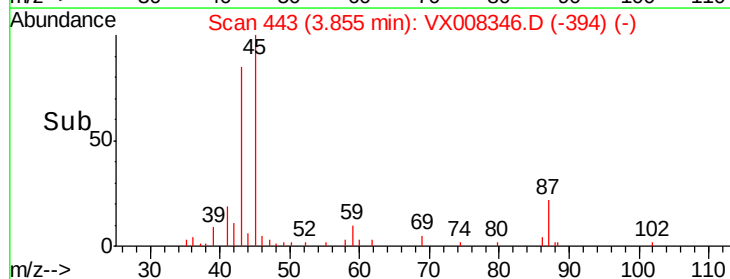
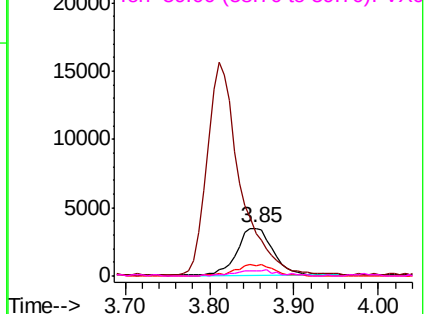
Abundance

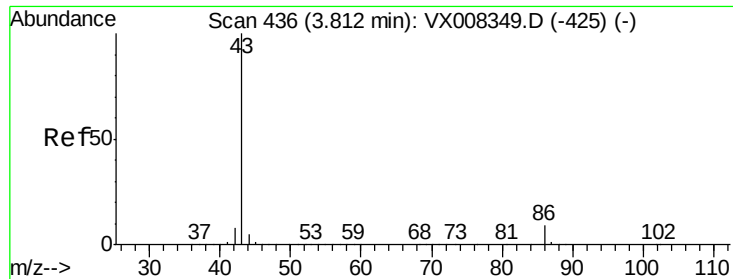
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.571 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

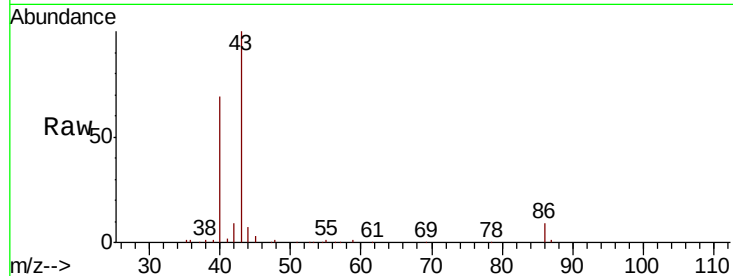
VSTDIC001

Tgt Ion: 43 Resp: 42186

Ion Ratio Lower Upper

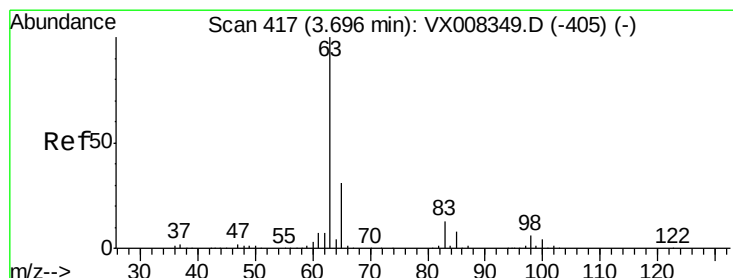
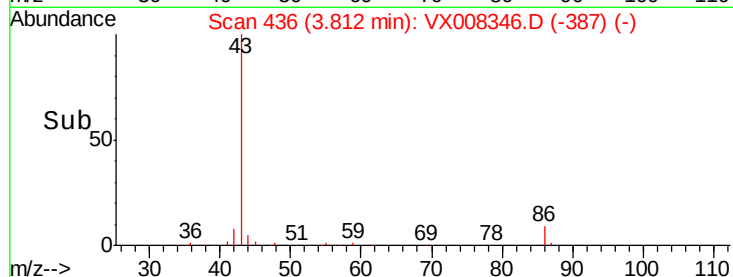
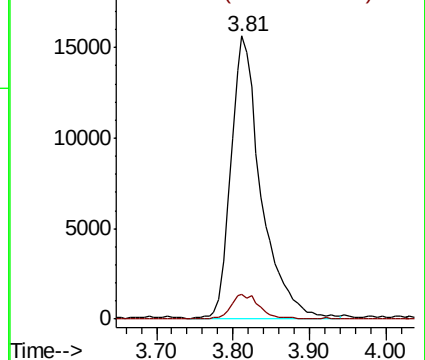
43 100

86 8.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

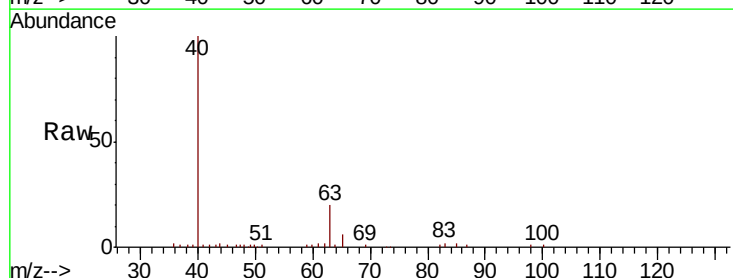
Tgt Ion: 63 Resp: 5410

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

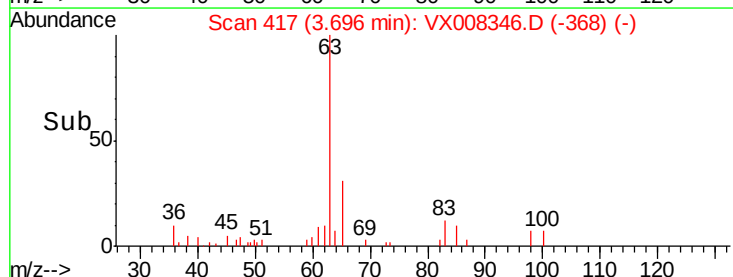
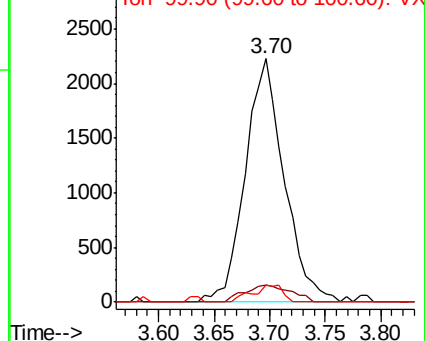
100 7.2 2.3 6.8#

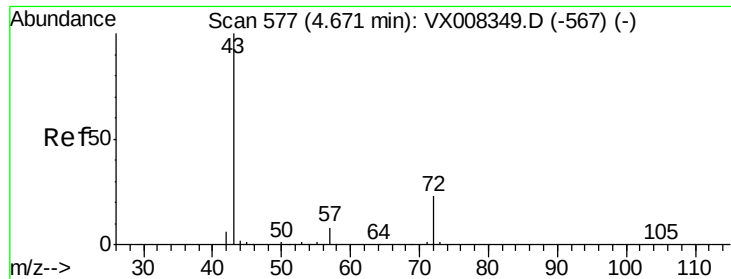


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.095 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

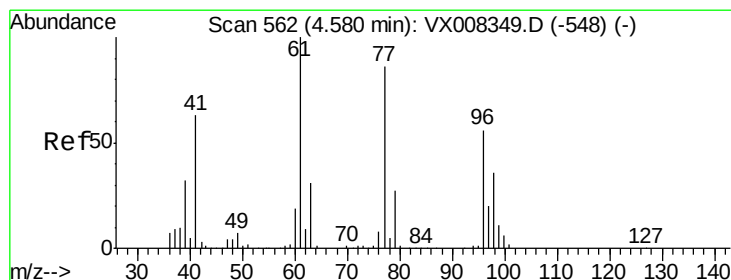
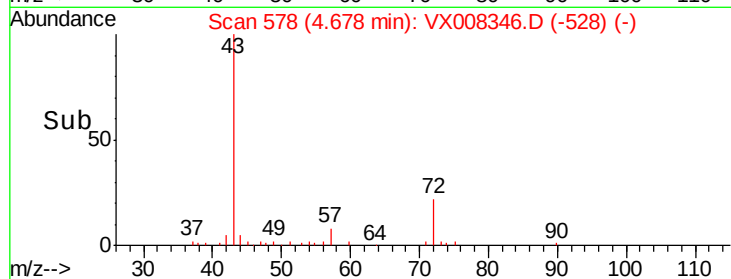
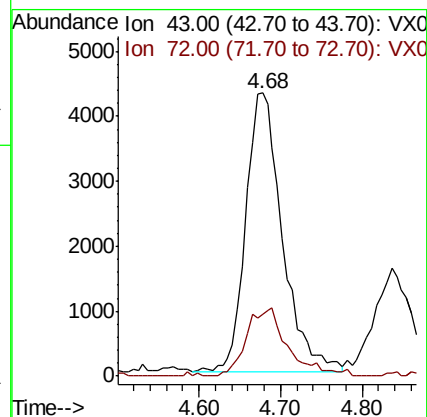
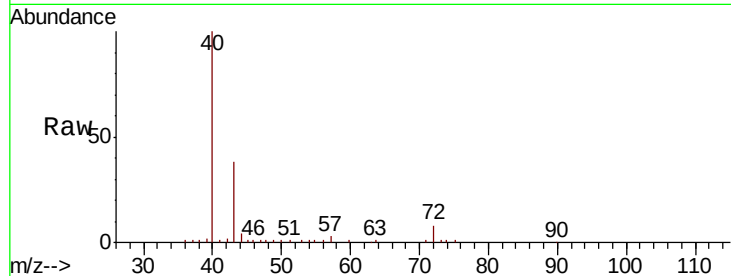
VSTDIC001

Tgt Ion: 43 Resp: 13368

Ion Ratio Lower Upper

43 100

72 22.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 0.752 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008346.D

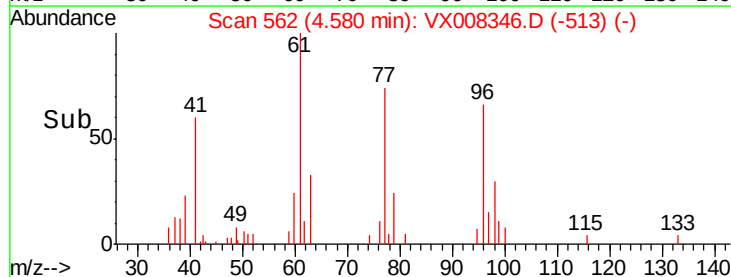
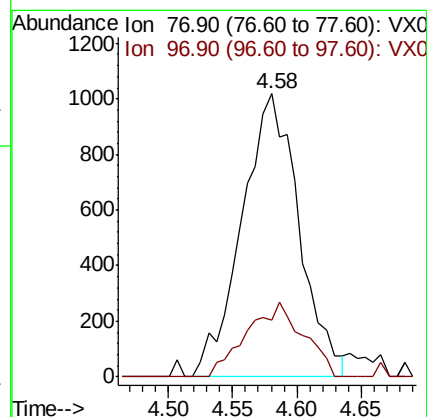
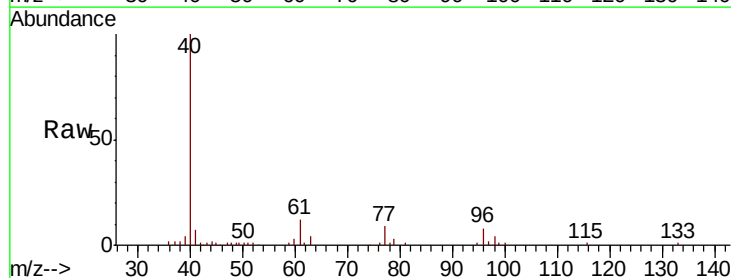
Acq: 23 Mar 2019 13:07

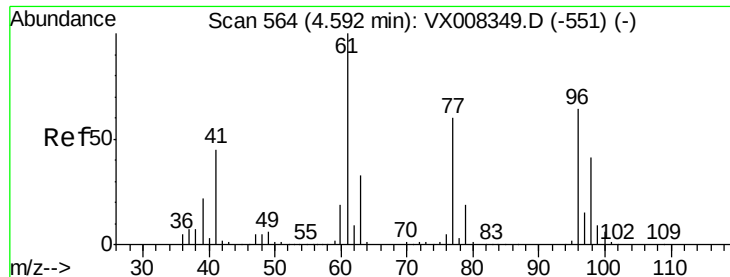
Tgt Ion: 77 Resp: 3135

Ion Ratio Lower Upper

77 100

97 26.0 12.2 36.6



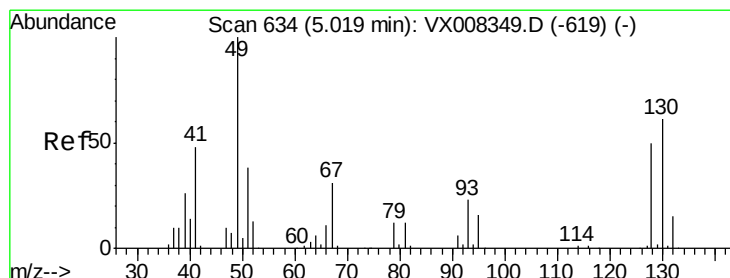
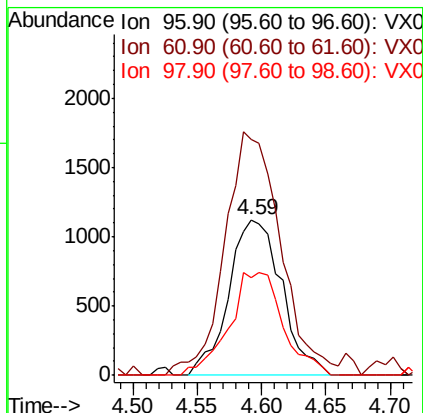
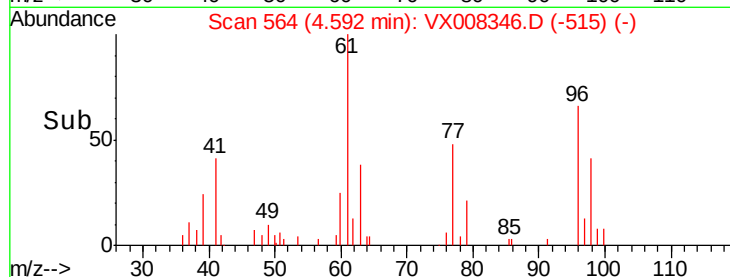
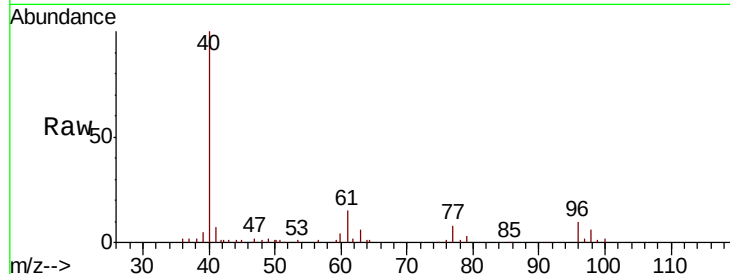


#27

cis-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

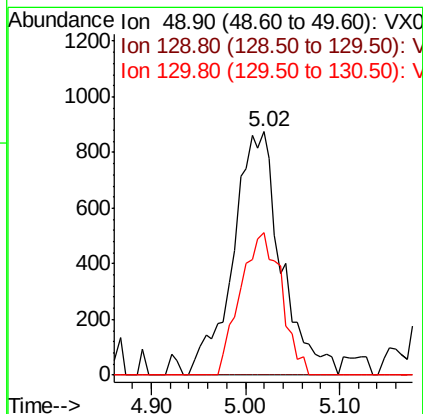
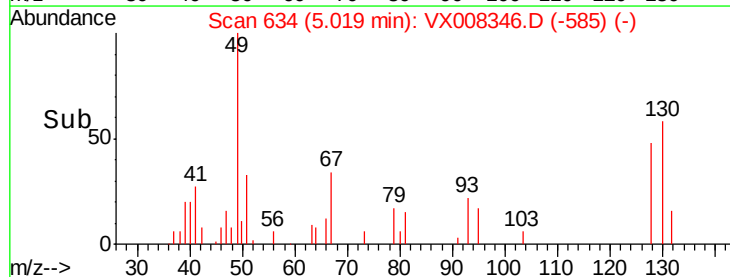
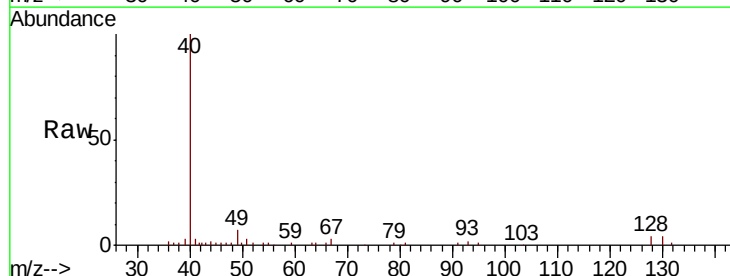
Tgt Ion: 96 Resp: 3206
Ion Ratio Lower Upper
96 100
61 165.2 0.0 288.0
98 67.4 0.0 129.0

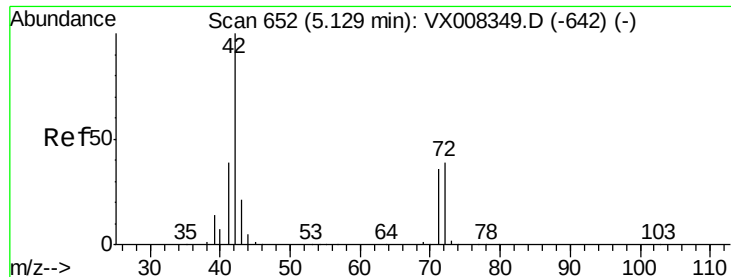


#28

Bromochloromethane
Concen: 1.256 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 49 Resp: 3122
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 50.0 65.0 97.4#

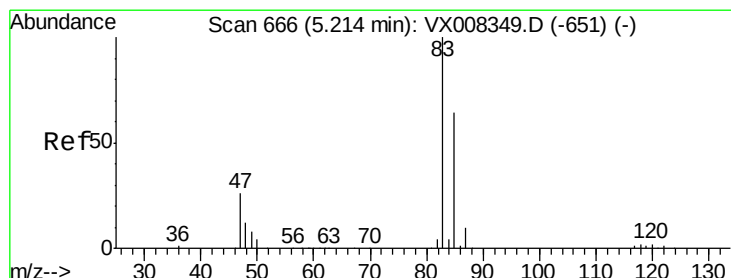
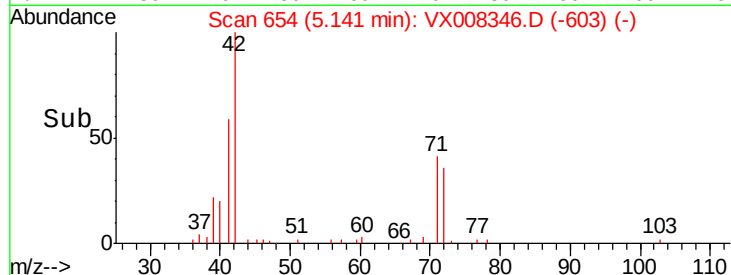
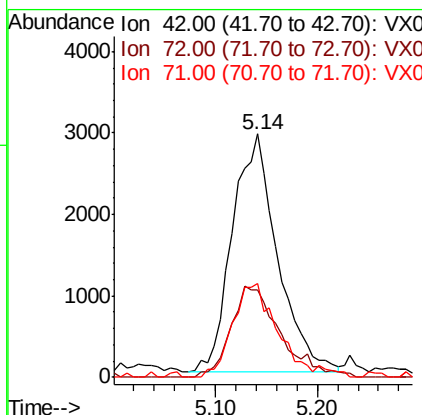
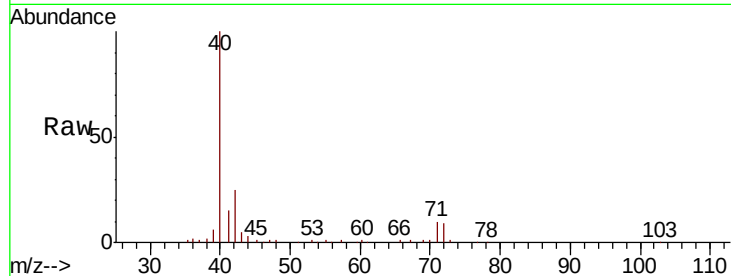




#29
Tetrahydrofuran
Concen: 5.455 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

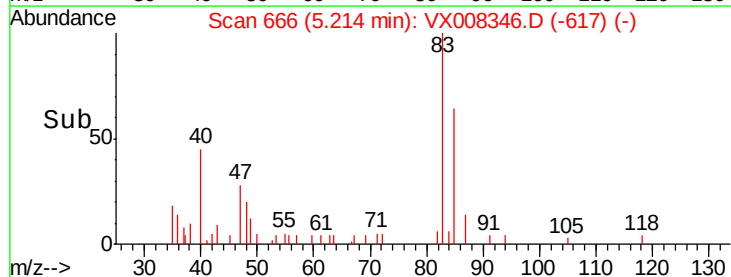
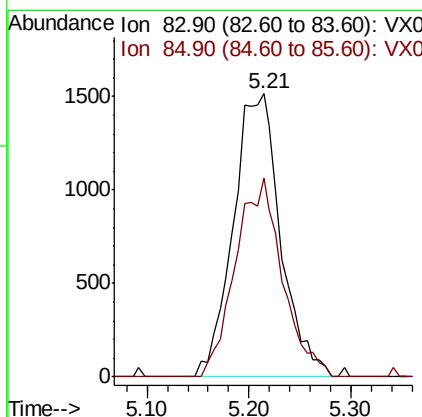
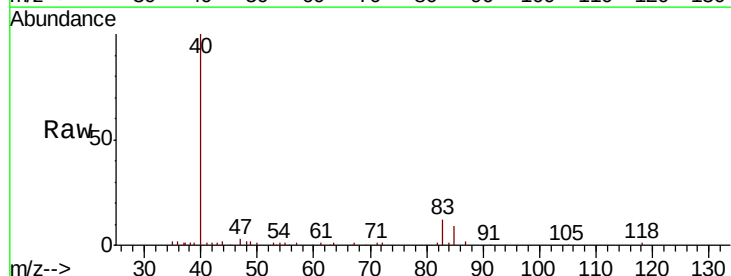
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

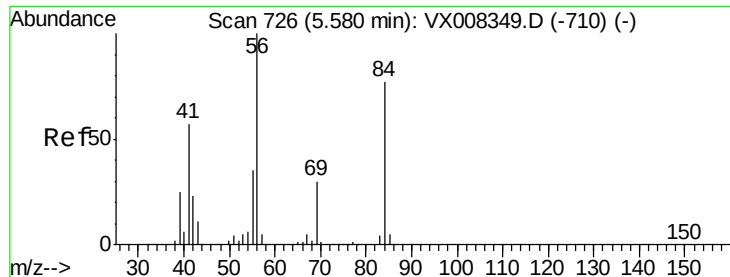
Tgt Ion: 42 Resp: 8947
Ion Ratio Lower Upper
42 100
72 41.8 33.8 50.6
71 38.5 31.5 47.3



#30
Chloroform
Concen: 0.943 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 83 Resp: 4883
Ion Ratio Lower Upper
83 100
85 70.5 51.8 77.6

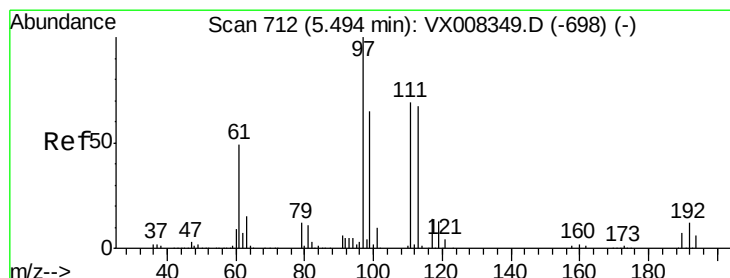
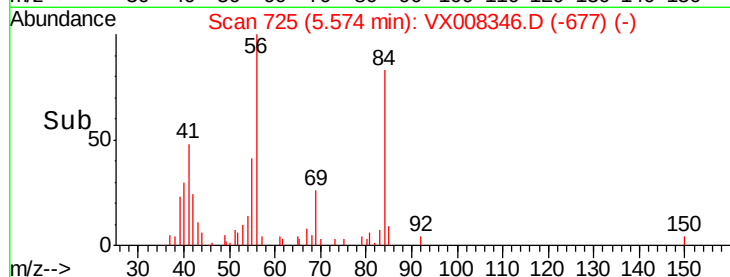
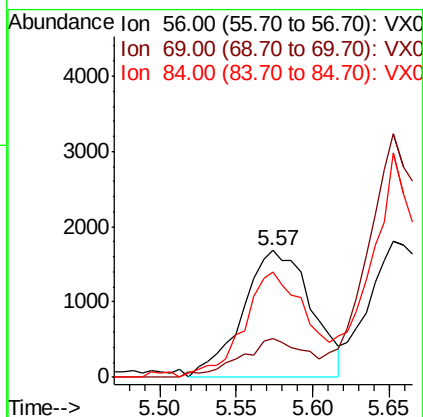
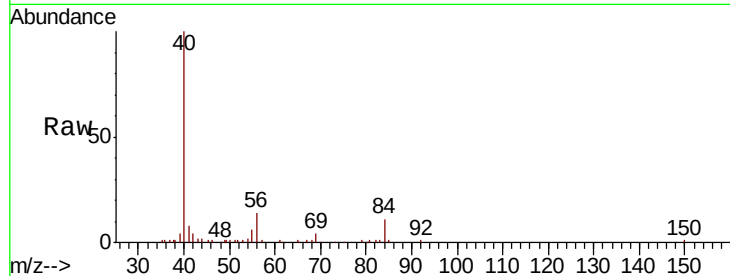




#31
Cyclohexane
Concen: 1.008 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

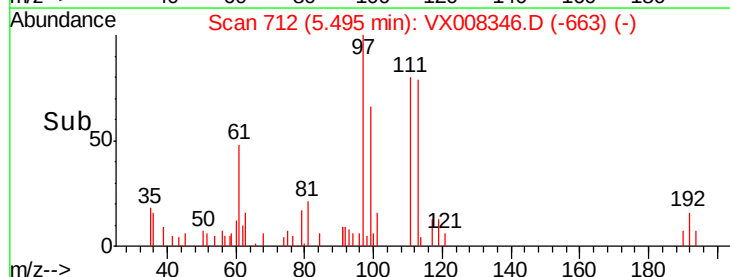
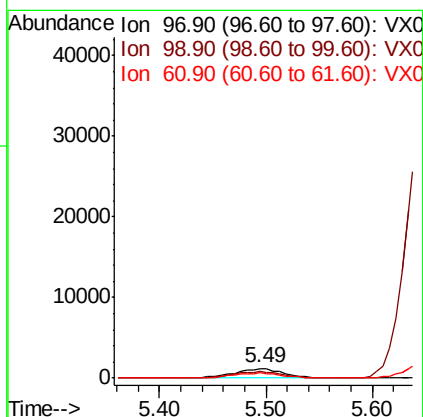
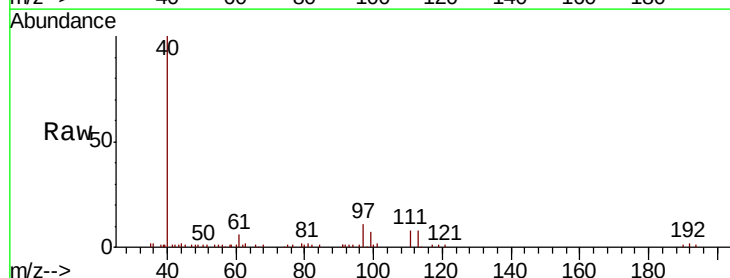
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

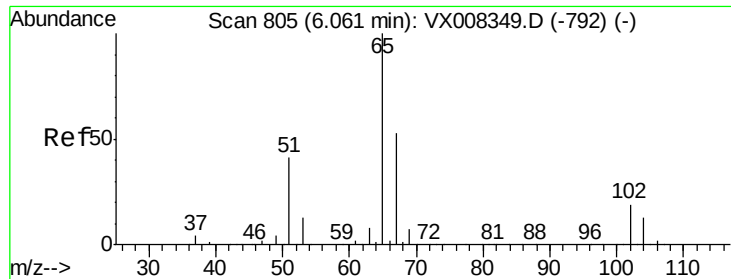
Tgt Ion: 56 Resp: 5243
Ion Ratio Lower Upper
56 100
69 25.7 24.0 36.0
84 78.8 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 0.857 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 97 Resp: 3690
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 60.7 34.9 52.3#

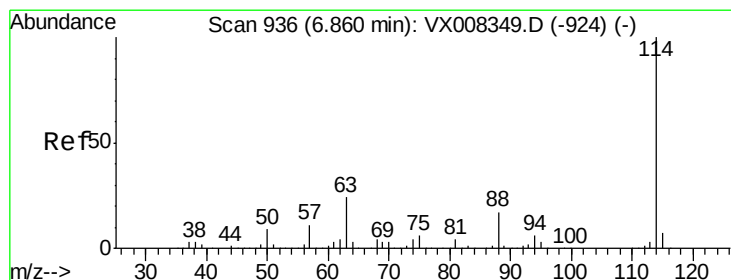
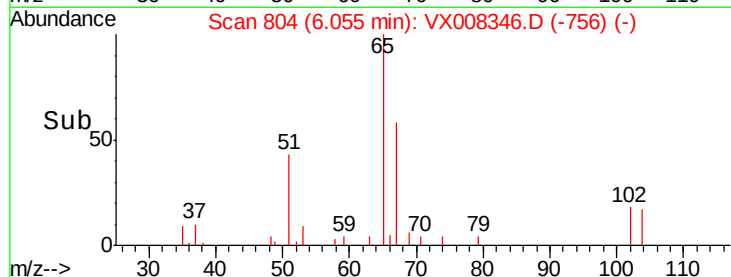
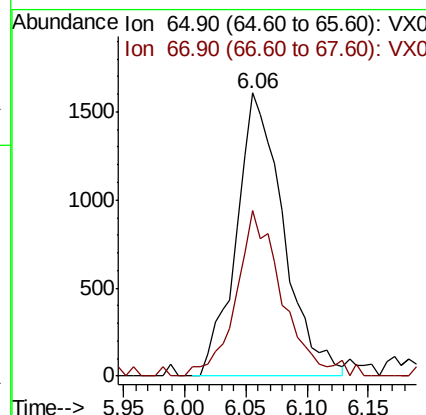
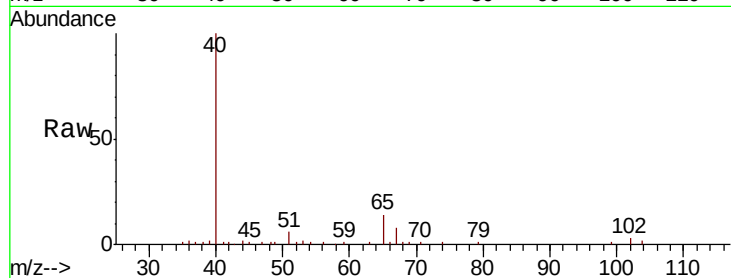




#33
 1,2-Dichloroethane-d4
 Concen: 1.372 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

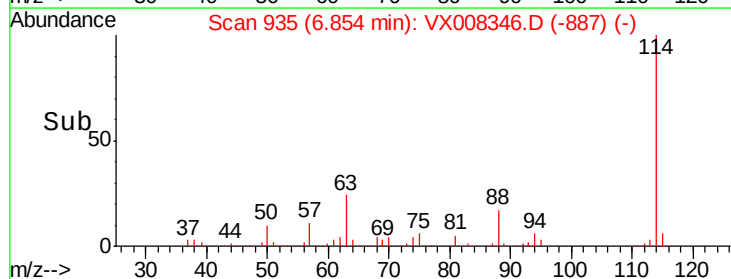
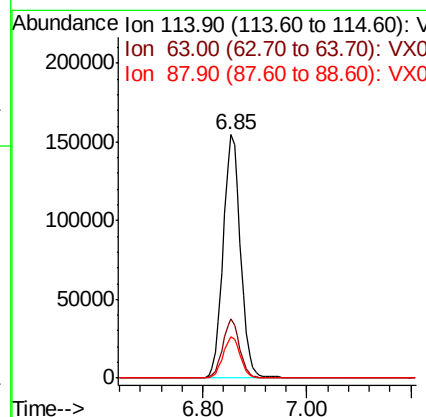
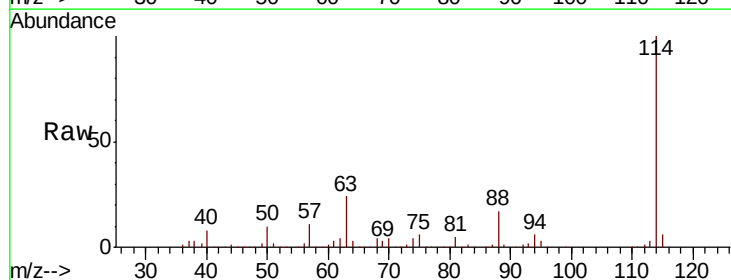
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

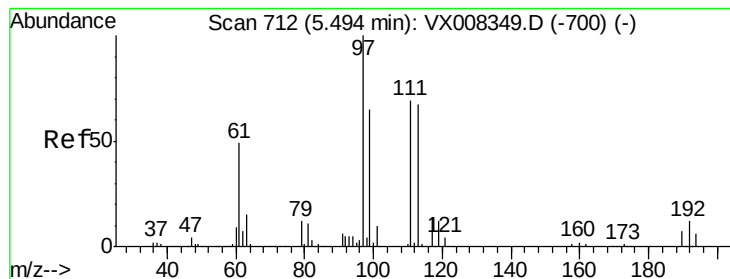
Tgt Ion: 65 Resp: 4301
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 114 Resp: 364846
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 39.8
 88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 1.212 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

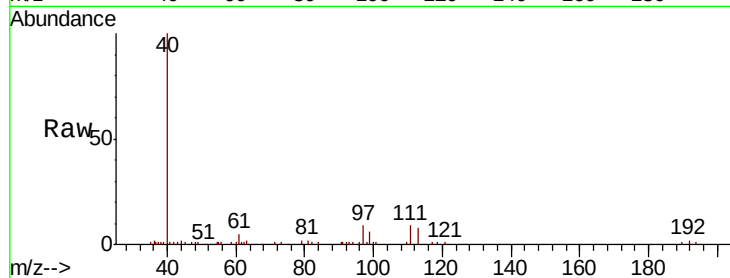
Tgt Ion:113 Resp: 2960

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

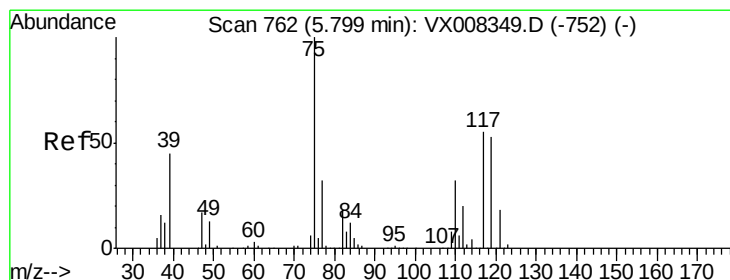
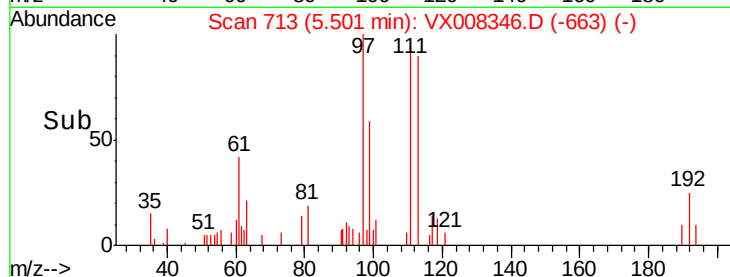
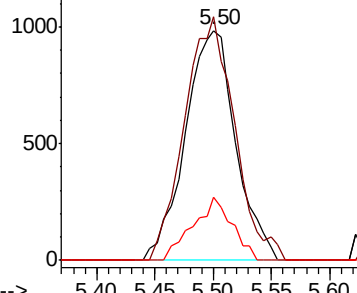
192 21.4 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.881 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

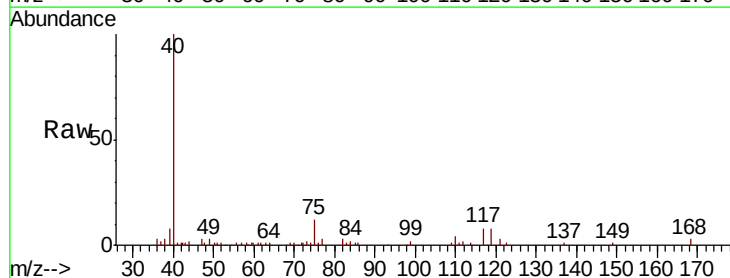
Tgt Ion: 75 Resp: 3741

Ion Ratio Lower Upper

75 100

110 38.5 18.4 55.0

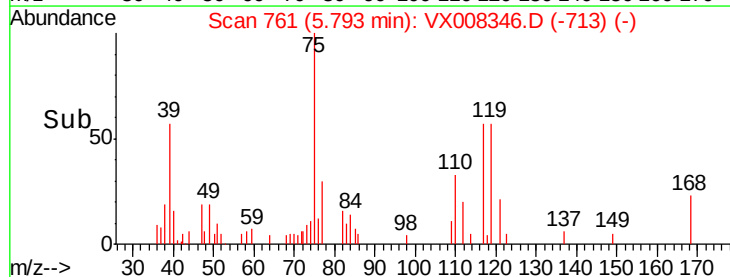
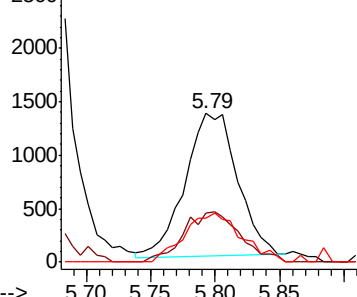
77 38.0 25.0 37.4#

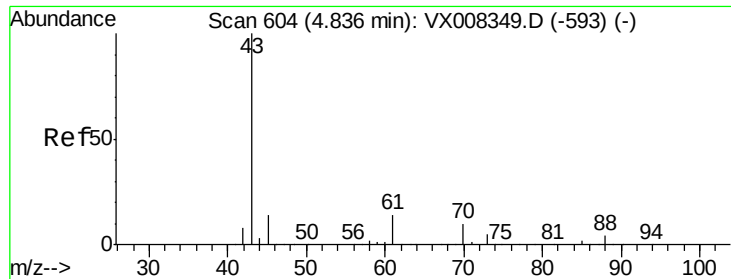


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

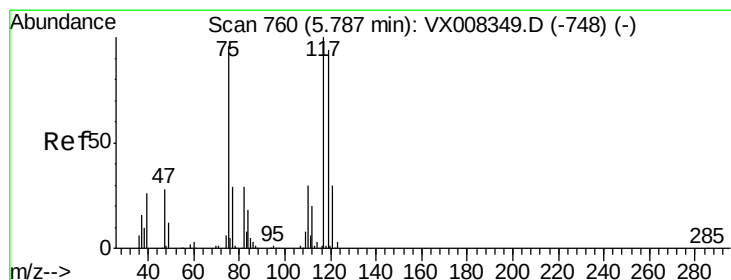
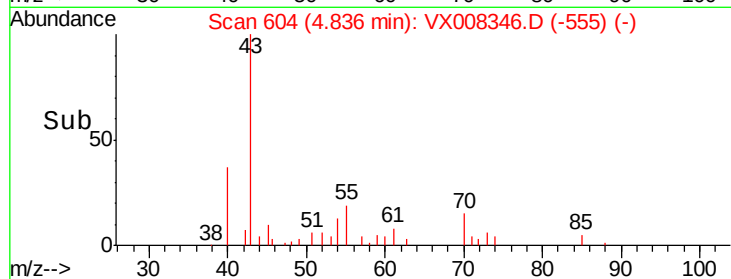
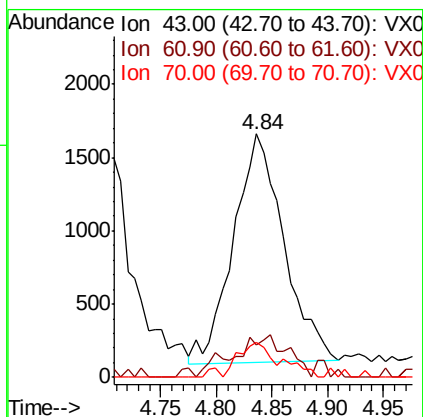
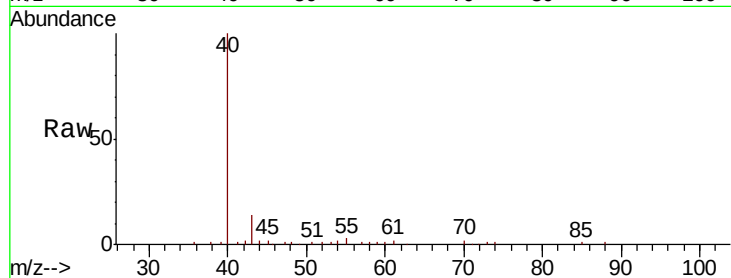




#37
Ethyl Acetate
 Concen: 0.978 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

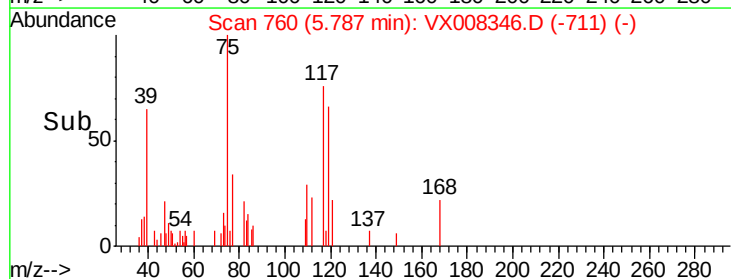
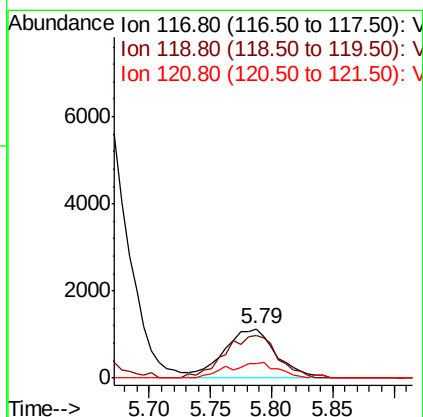
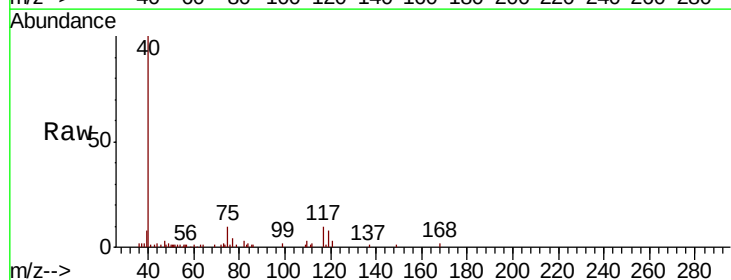
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

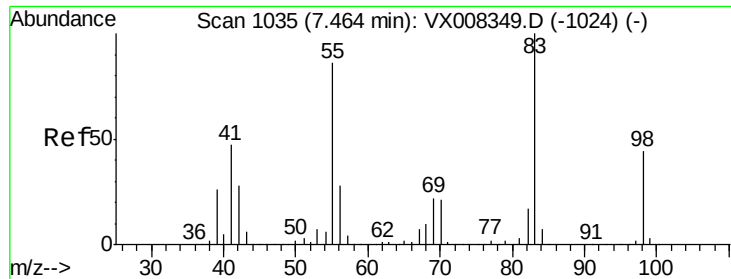
Tgt Ion: 43 Resp: 4912
 Ion Ratio Lower Upper
 43 100
 61 15.6 11.3 16.9
 70 10.2 8.5 12.7



#38
Carbon Tetrachloride
 Concen: 0.888 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 117 Resp: 3362
 Ion Ratio Lower Upper
 117 100
 119 85.9 76.2 114.2
 121 28.5 24.6 36.8

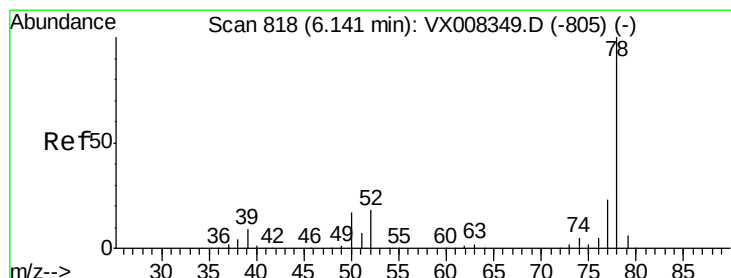
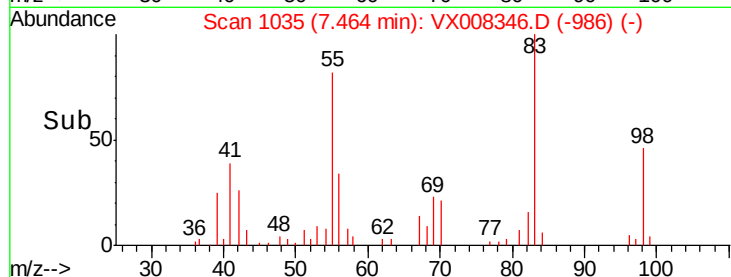
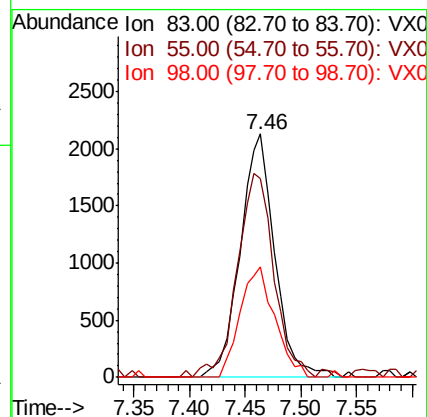
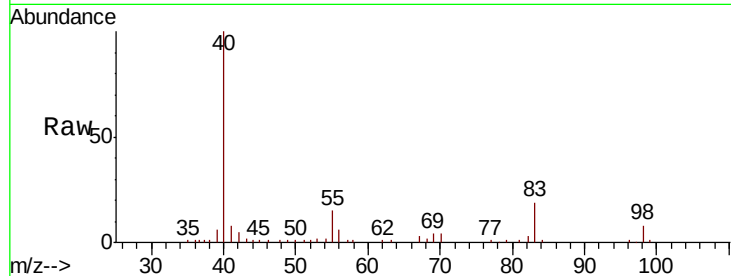




#39
Methylcyclohexane
Concen: 0.894 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

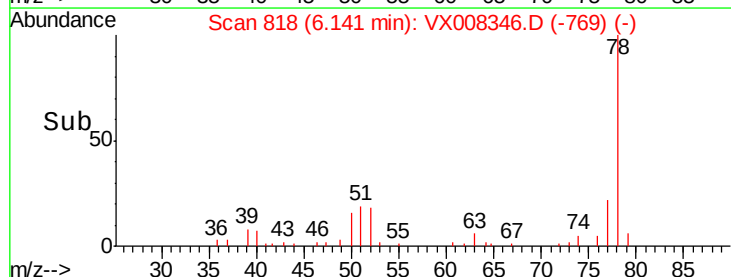
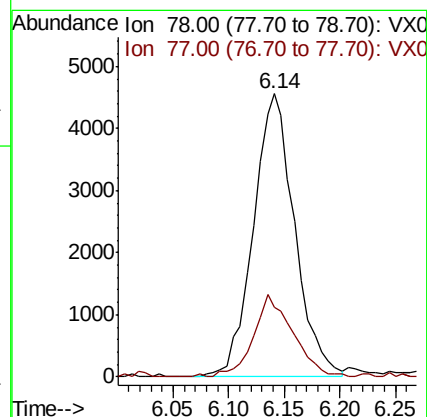
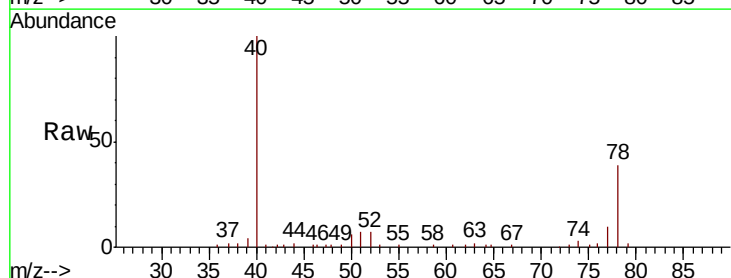
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

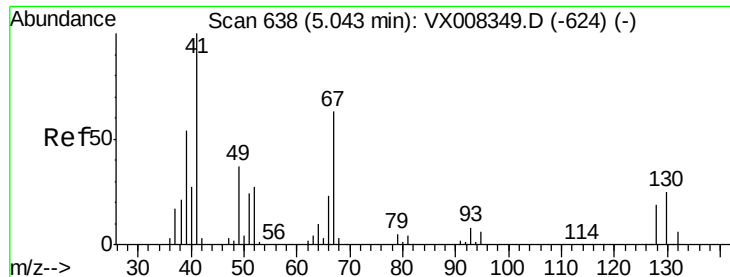
Tgt Ion: 83 Resp: 4568
Ion Ratio Lower Upper
83 100
55 81.7 60.4 90.6
98 45.6 36.5 54.7



#40
Benzene
Concen: 0.935 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 78 Resp: 11758
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4

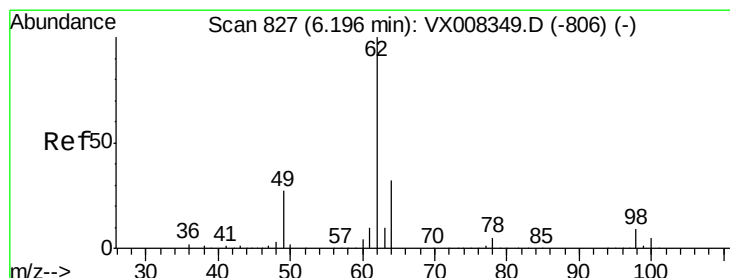
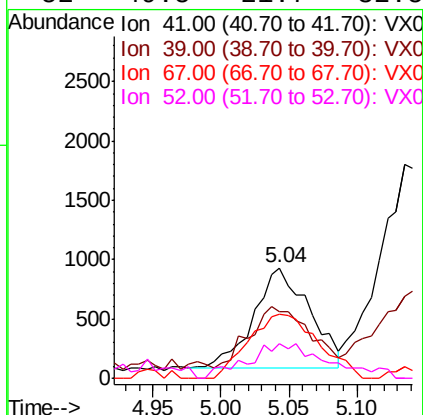
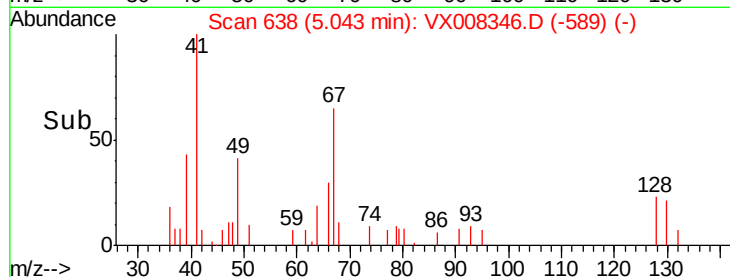
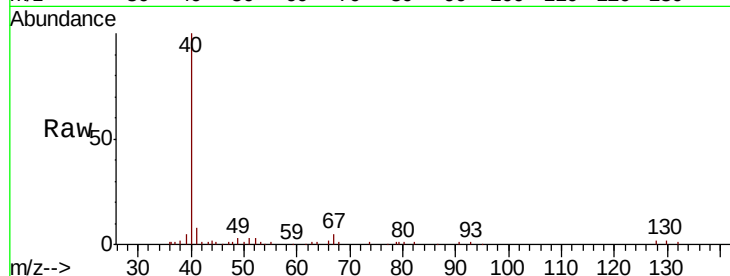




#41
Methacrylonitrile
Concen: 0.859 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

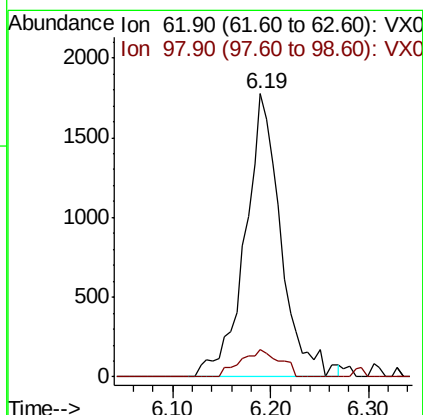
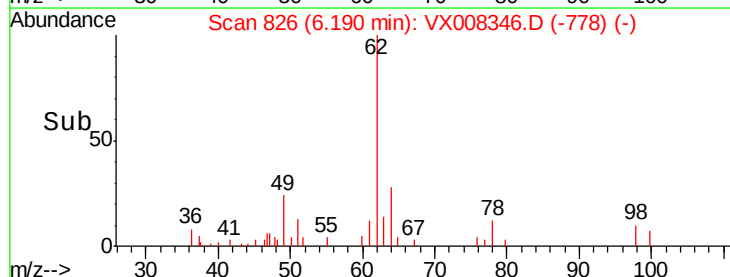
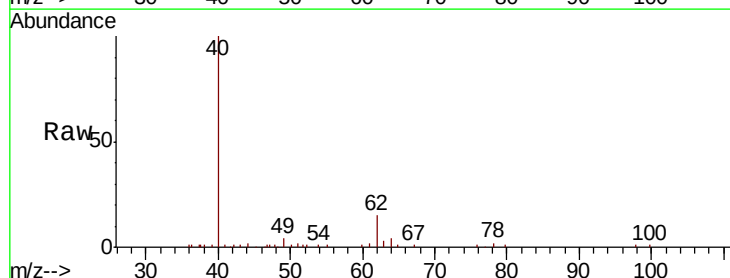
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

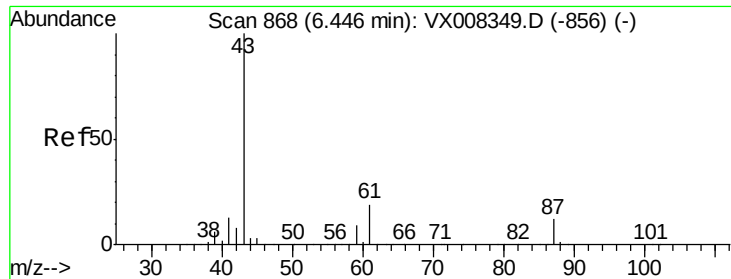
Tgt Ion: 41 Resp: 2420
Ion Ratio Lower Upper
41 100
39 74.3 41.6 62.4#
67 79.6 55.8 83.6
52 49.5 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 0.980 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 62 Resp: 4513
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.4





#43

Isopropyl Acetate

Concen: 0.884 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

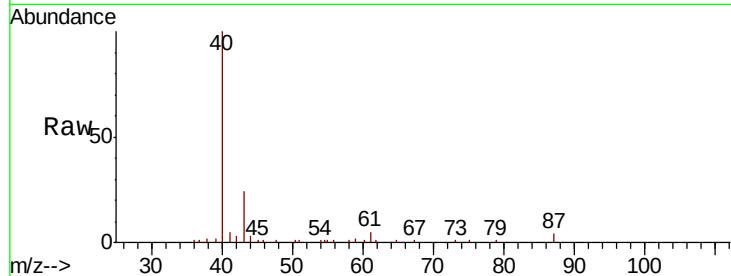
Tgt Ion: 43 Resp: 7113

Ion Ratio Lower Upper

43 100

61 24.7 16.3 24.5#

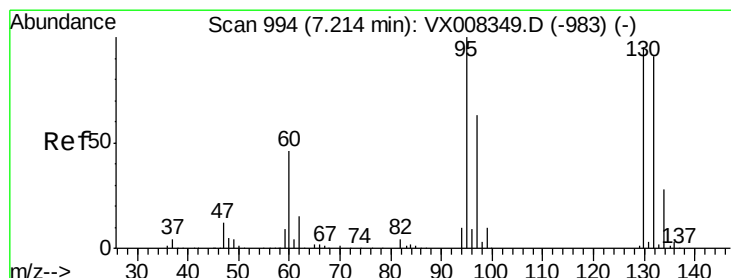
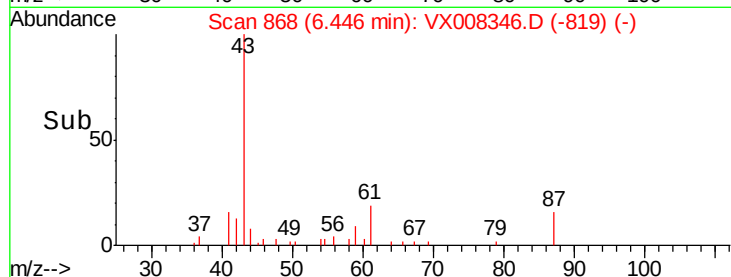
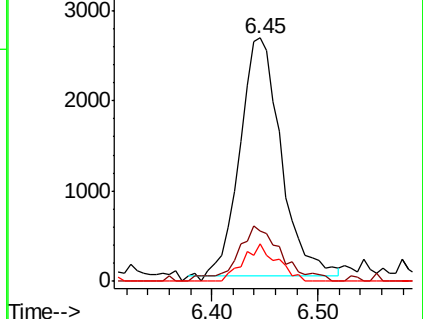
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.956 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008346.D

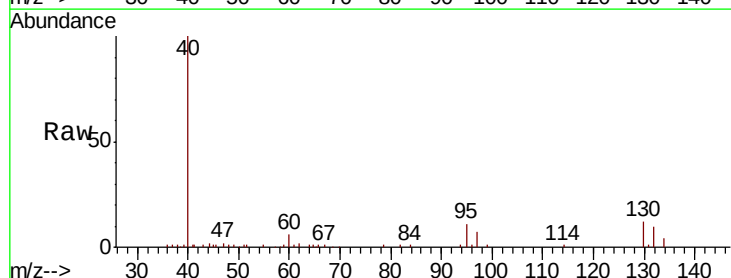
Acq: 23 Mar 2019 13:07

Tgt Ion: 130 Resp: 2940

Ion Ratio Lower Upper

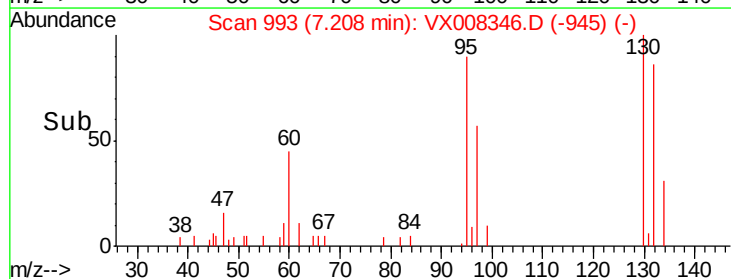
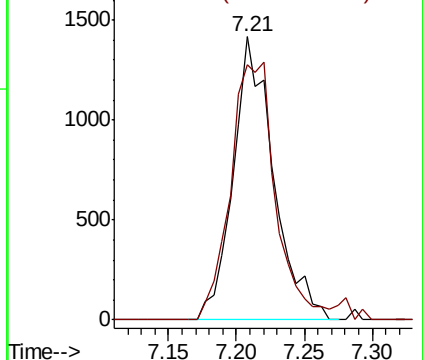
130 100

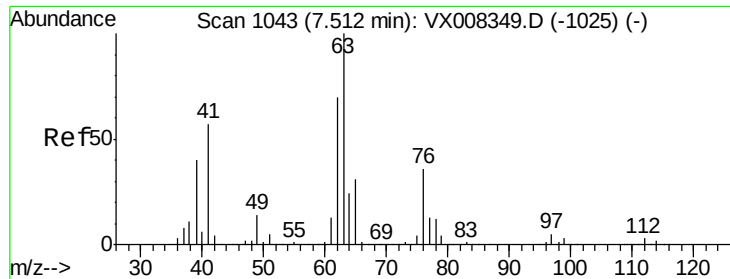
95 90.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

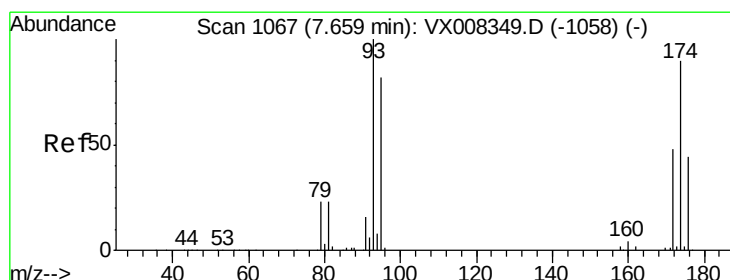
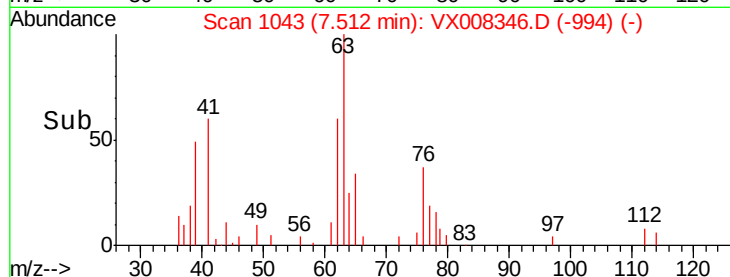
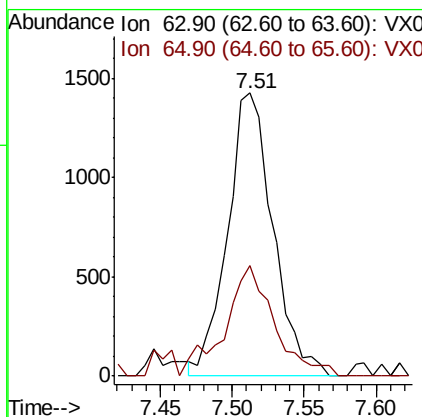
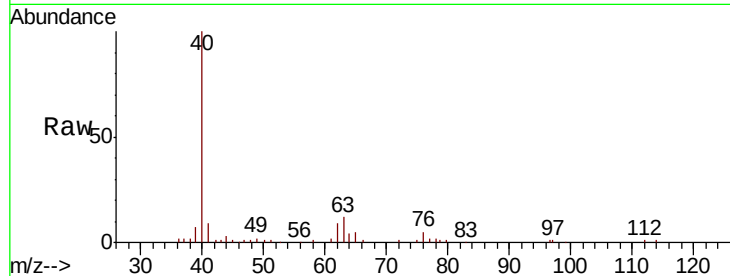




#45
 1,2-Dichloropropane
 Concen: 0.889 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

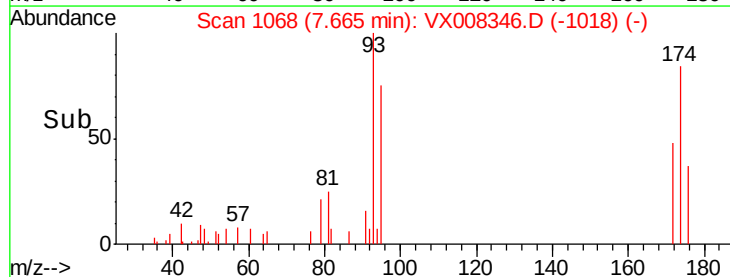
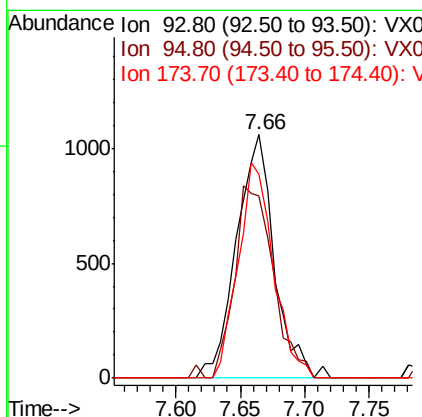
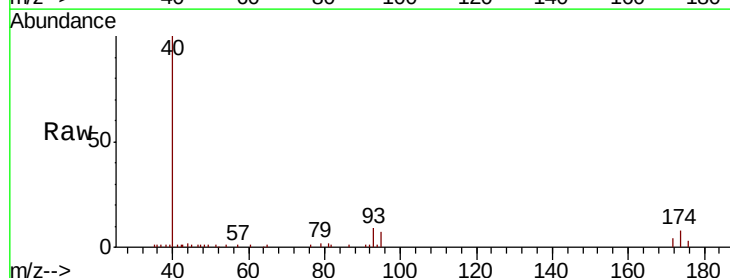
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

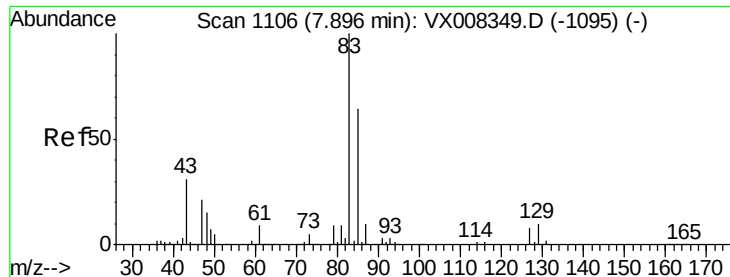
Tgt Ion: 63 Resp: 3128
 Ion Ratio Lower Upper
 63 100
 65 39.1 24.7 37.1#



#46
 Dibromomethane
 Concen: 1.010 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 93 Resp: 2152
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.8 100.2
 174 82.5 97.3 145.9#





#47

Bromodichloromethane

Concen: 0.877 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

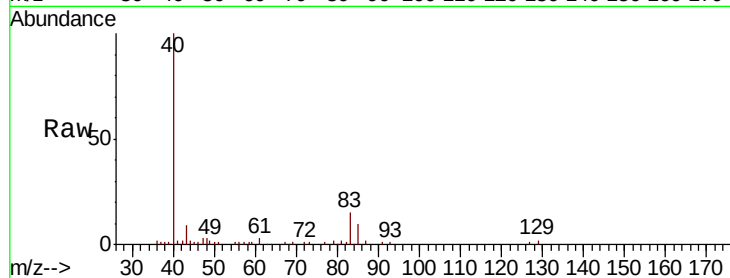
Tgt Ion: 83 Resp: 3560

Ion Ratio Lower Upper

83 100

85 65.6 50.9 76.3

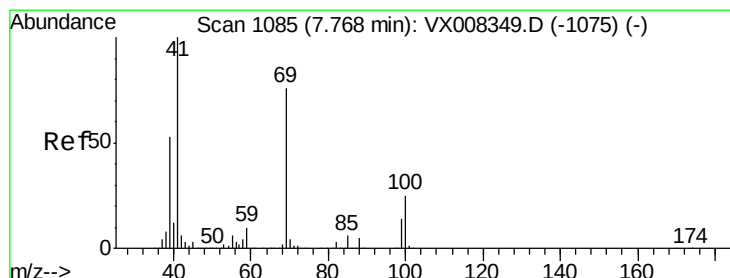
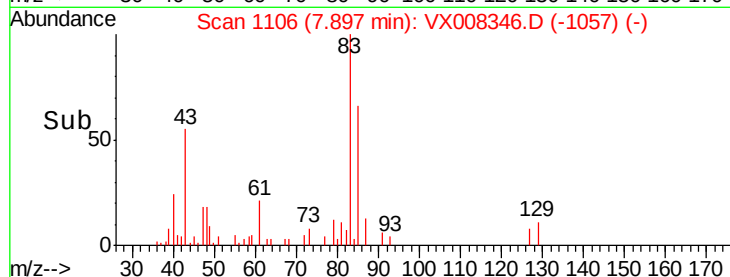
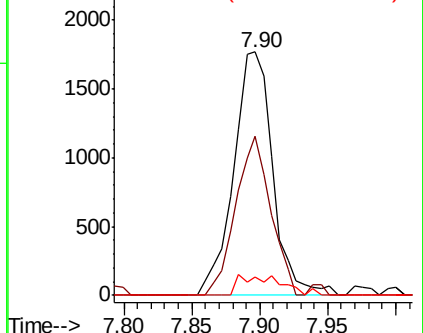
127 7.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 0.890 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

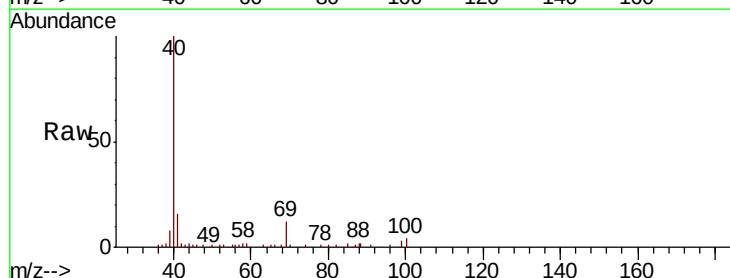
Tgt Ion: 41 Resp: 3808

Ion Ratio Lower Upper

41 100

69 74.6 65.2 97.8

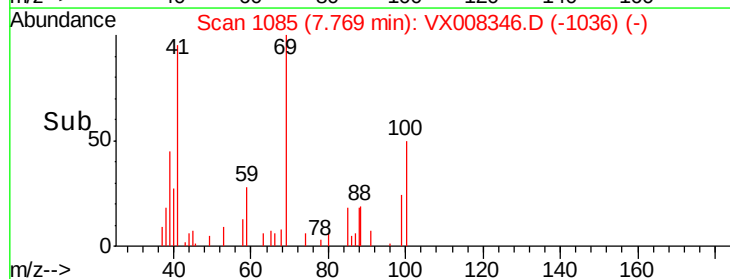
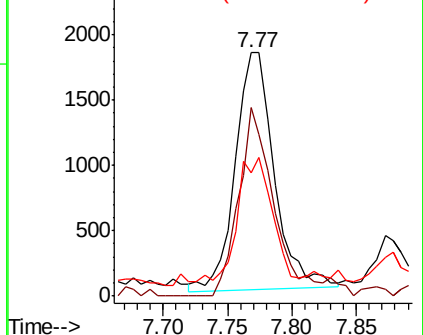
39 47.2 39.4 59.2

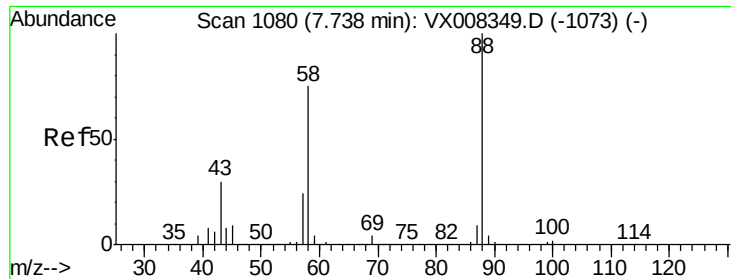


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

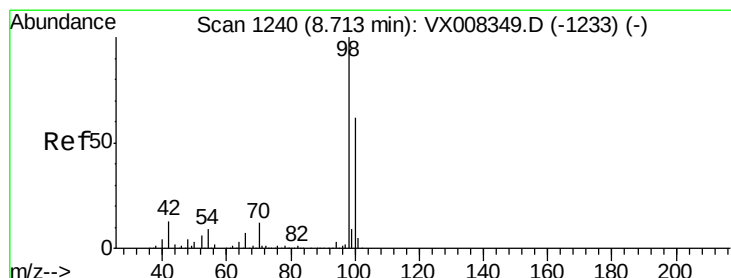
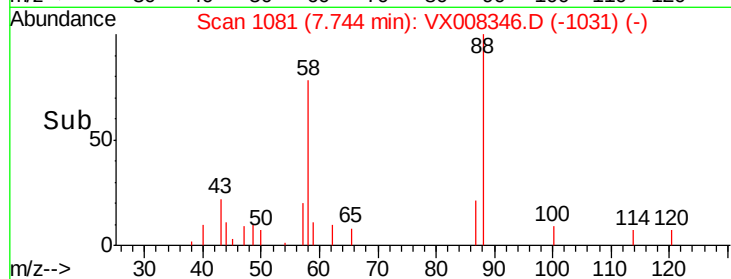
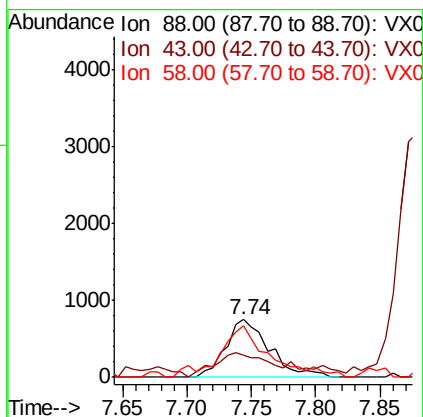
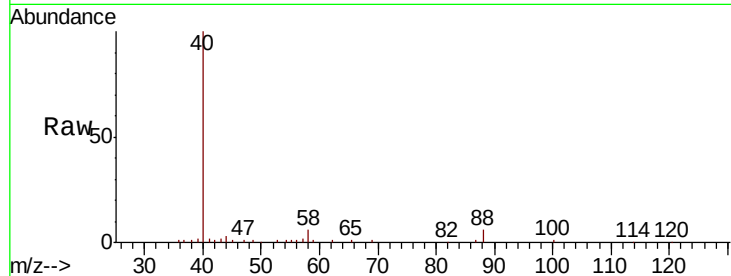




#49
1,4-Dioxane
Concen: 23.557 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

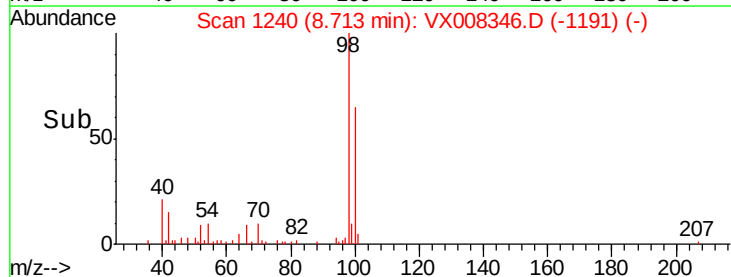
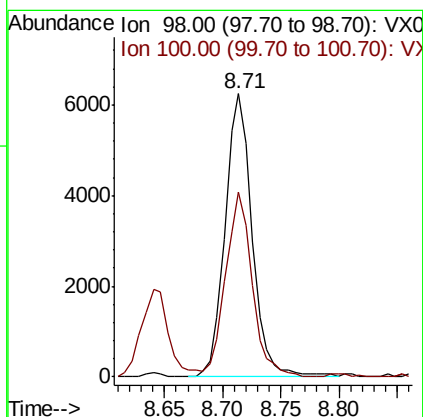
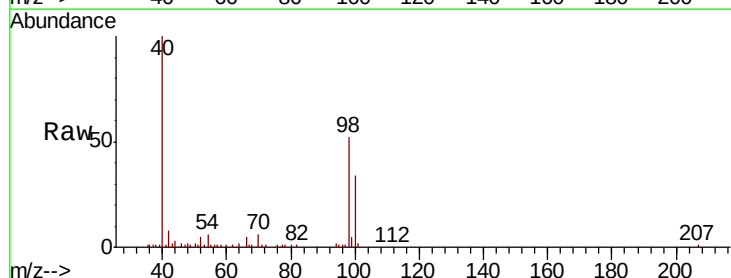
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

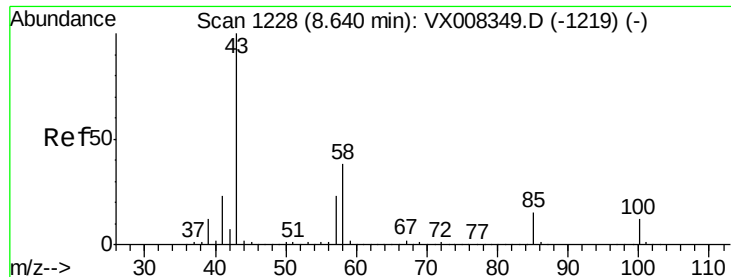
Tgt Ion: 88 Resp: 1779
Ion Ratio Lower Upper
88 100
43 50.5 25.1 37.7#
58 94.0 57.8 86.6#



#50
Toluene-d8
Concen: 1.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 98 Resp: 10091
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 4.660 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

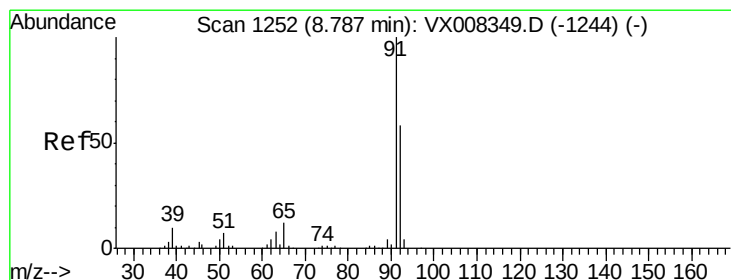
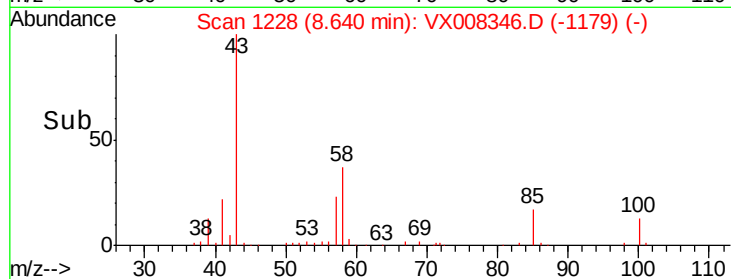
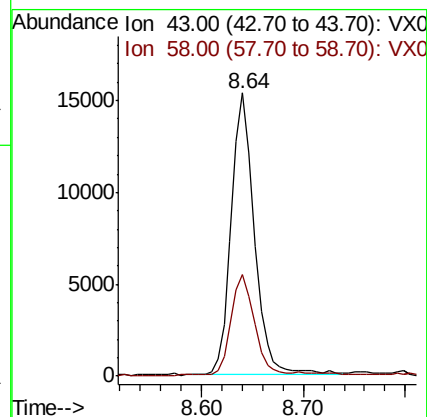
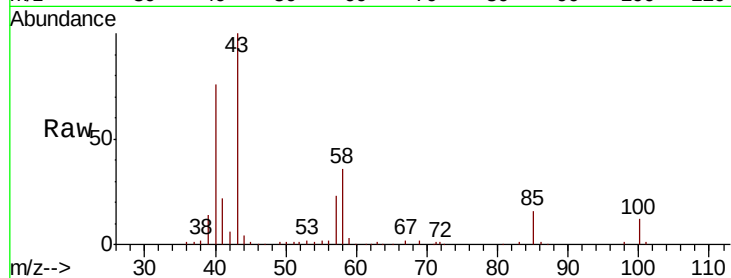
VSTDIC001

Tgt Ion: 43 Resp: 24250

Ion Ratio Lower Upper

43 100

58 35.7 31.3 46.9



#52

Toluene

Concen: 0.888 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008346.D

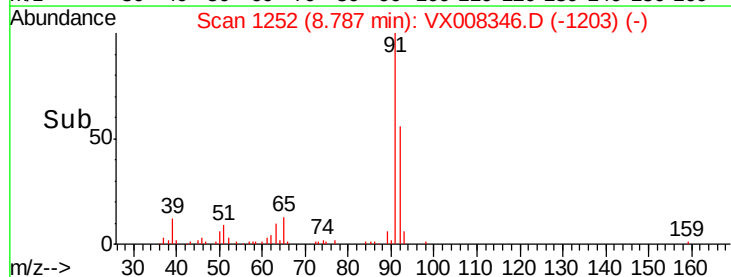
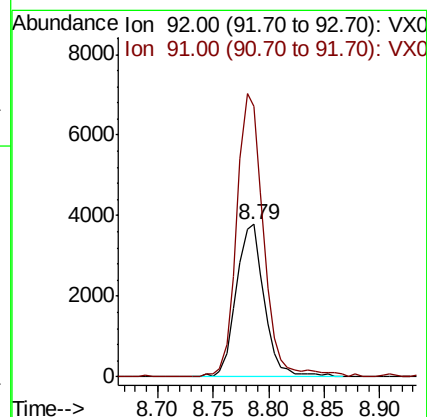
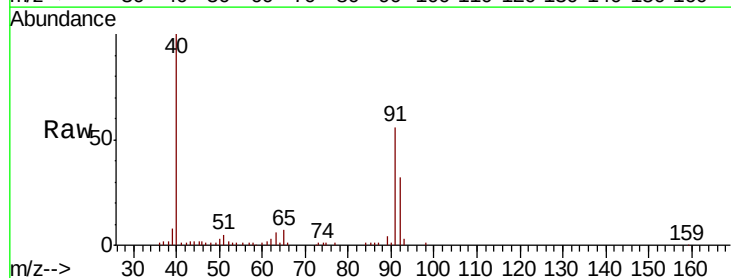
Acq: 23 Mar 2019 13:07

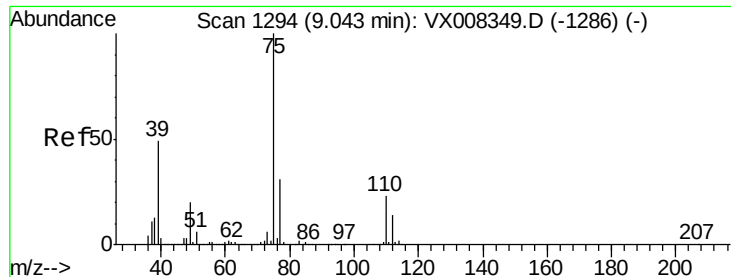
Tgt Ion: 92 Resp: 6625

Ion Ratio Lower Upper

92 100

91 178.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.742 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

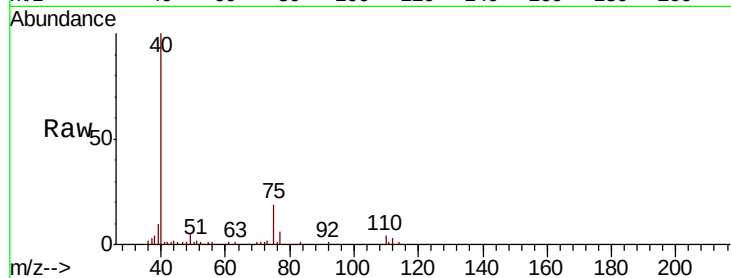
VSTDIC001

Tgt Ion: 75 Resp: 3372

Ion Ratio Lower Upper

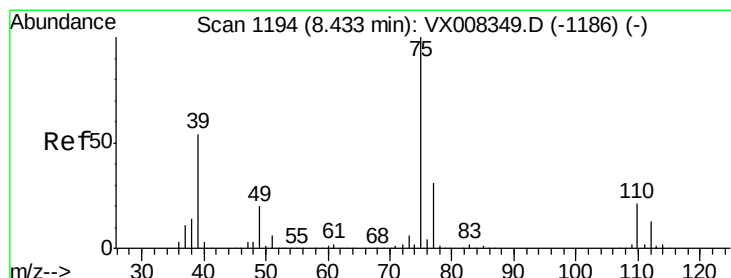
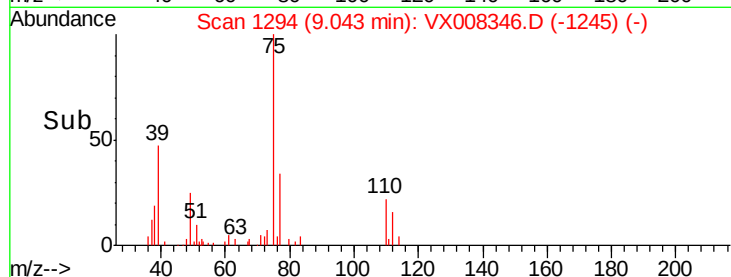
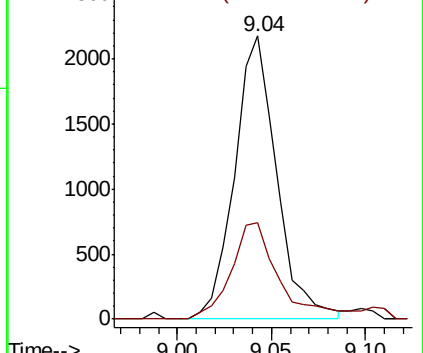
75 100

77 34.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.776 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

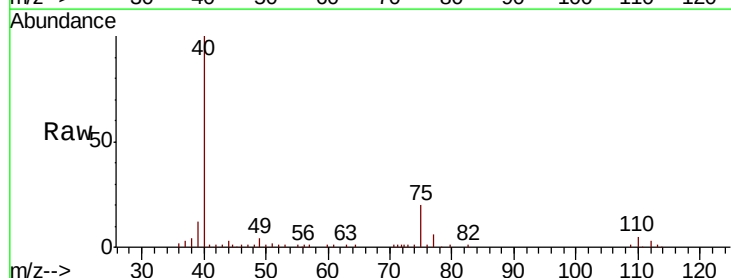
Tgt Ion: 75 Resp: 3911

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

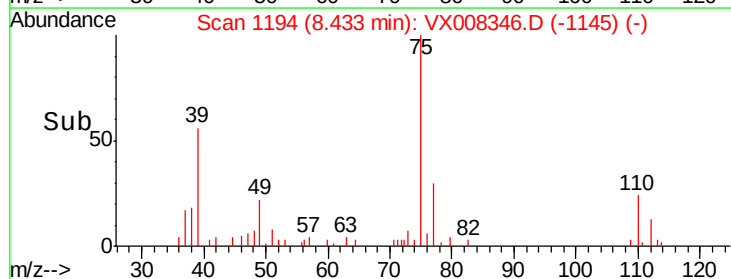
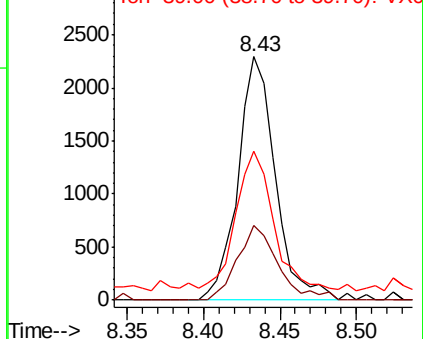
39 56.9 36.6 54.8#

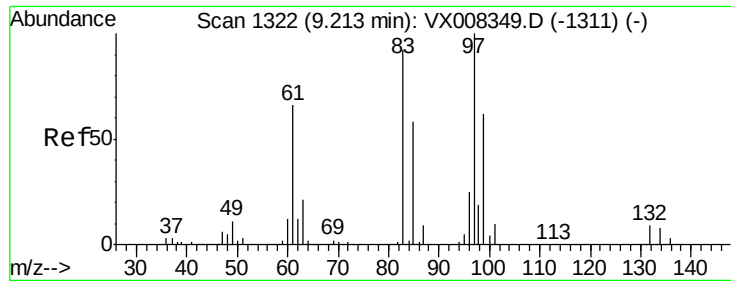


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

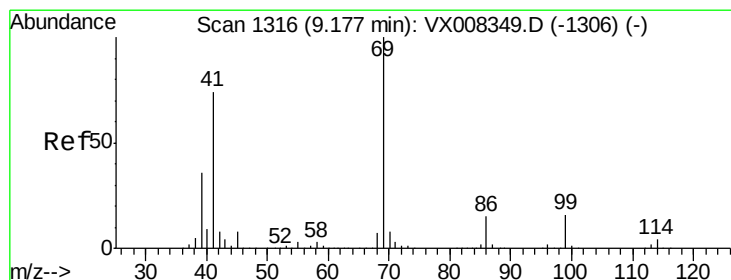
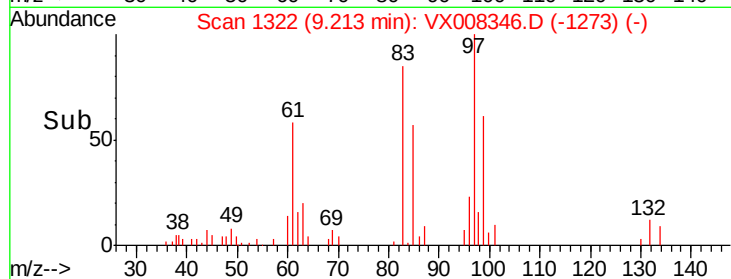
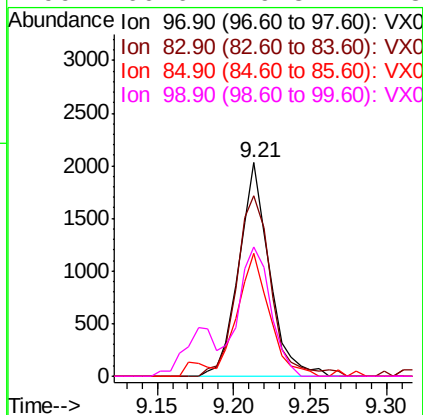
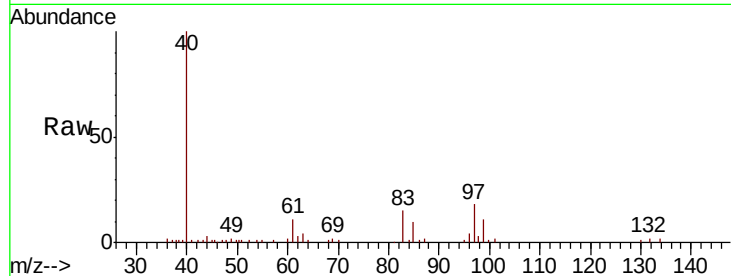




#55
 1,1,2-Trichloroethane
 Concen: 0.934 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

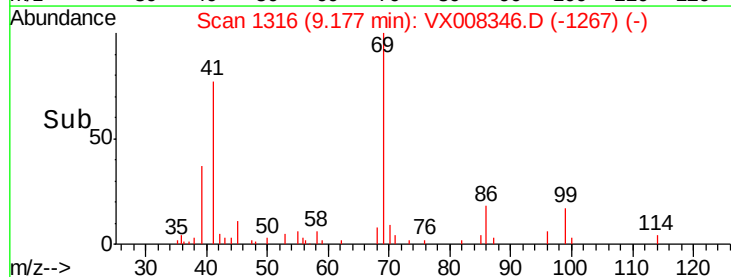
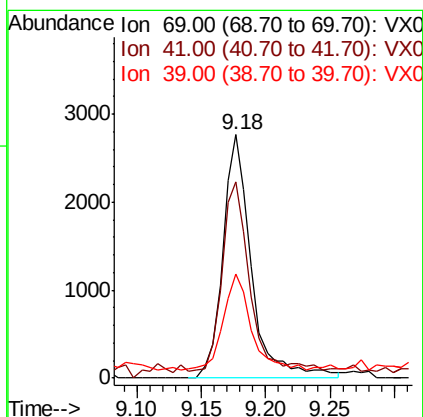
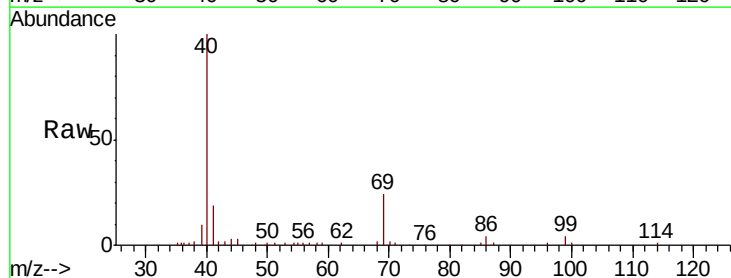
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

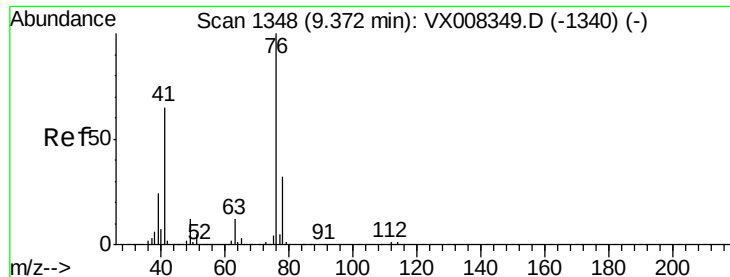
Tgt Ion:	97	Resp:	2816
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.1	103.7
85	54.5	44.3	66.5
99	60.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 0.894 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion:	69	Resp:	4308
Ion	Ratio	Lower	Upper
69	100		
41	75.2	54.2	81.4
39	39.6	25.0	37.4#

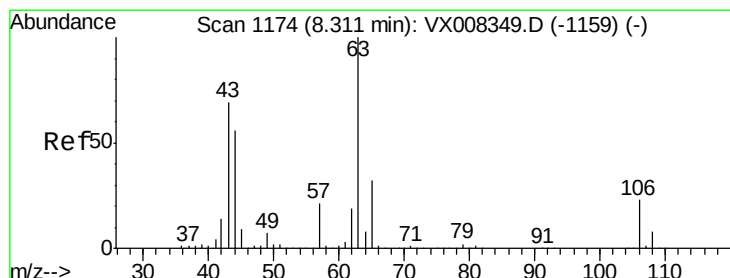
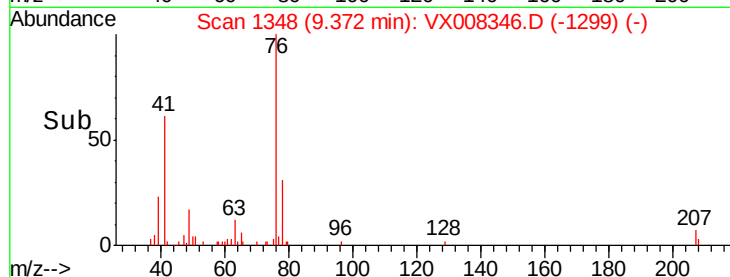
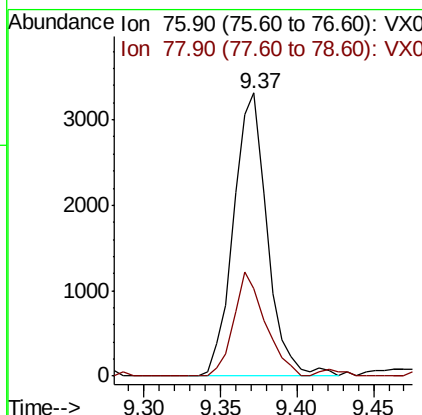
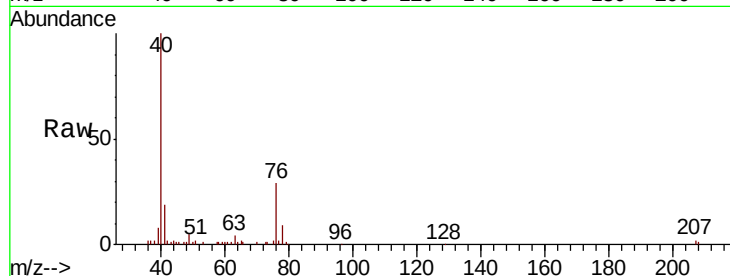




#57
 1,3-Dichloropropane
 Concen: 0.949 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

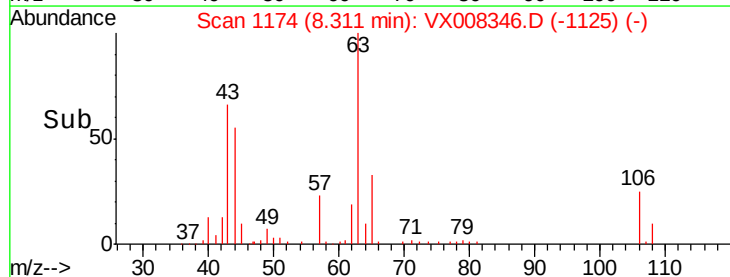
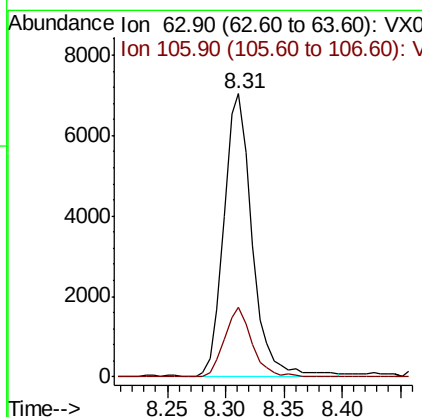
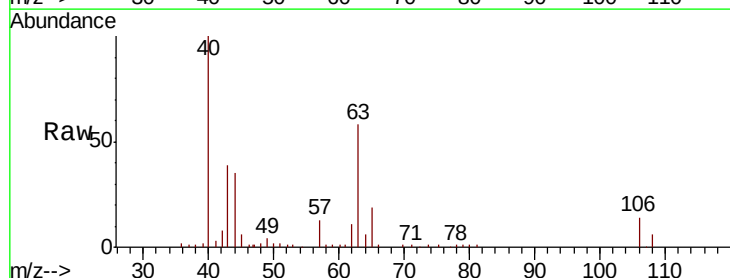
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

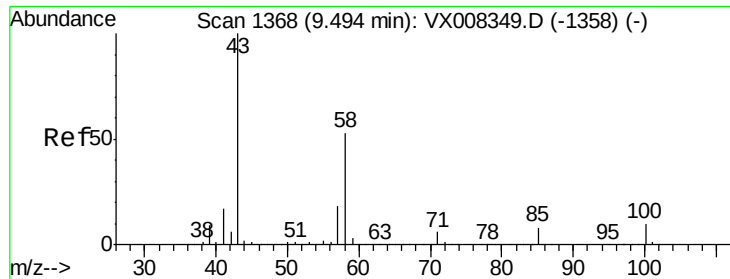
Tgt Ion: 76 Resp: 5057
 Ion Ratio Lower Upper
 76 100
 78 34.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.814 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 63 Resp: 11886
 Ion Ratio Lower Upper
 63 100
 106 23.9 22.2 33.2

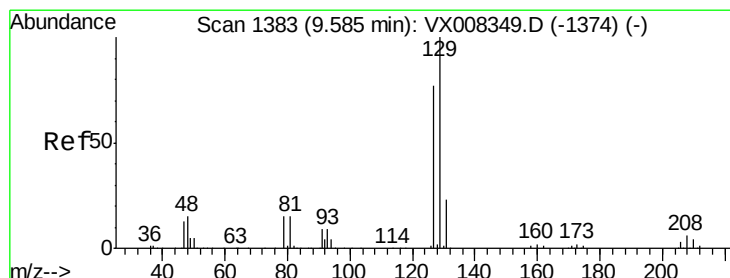
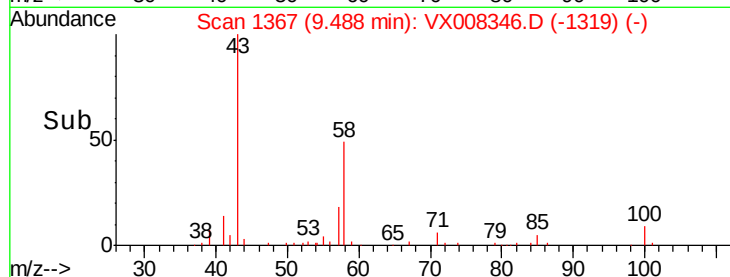
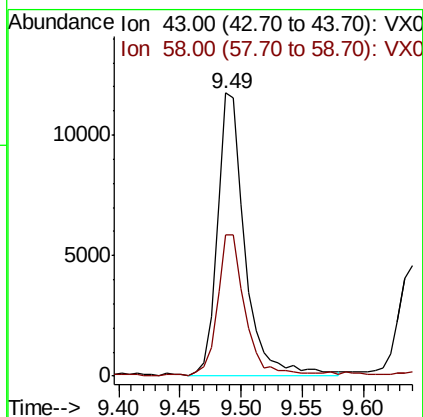
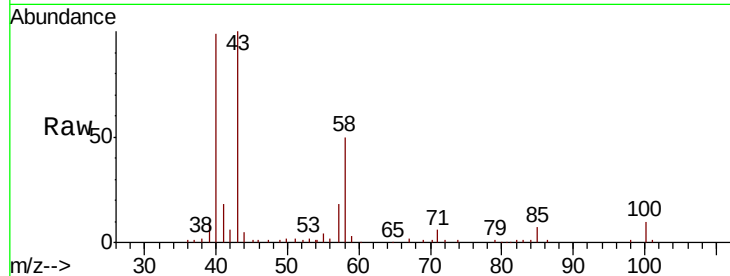




#59
2-Hexanone
Concen: 4.631 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

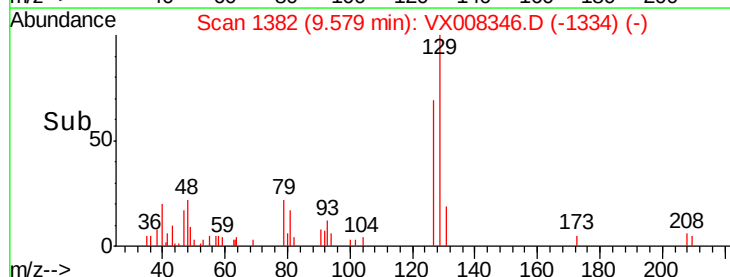
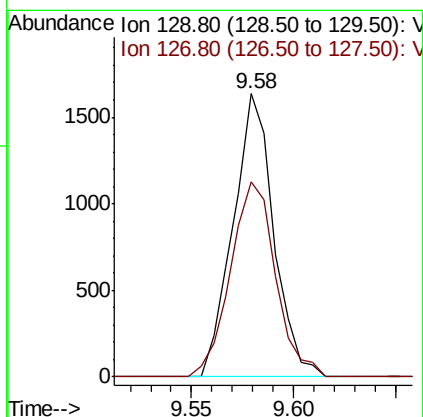
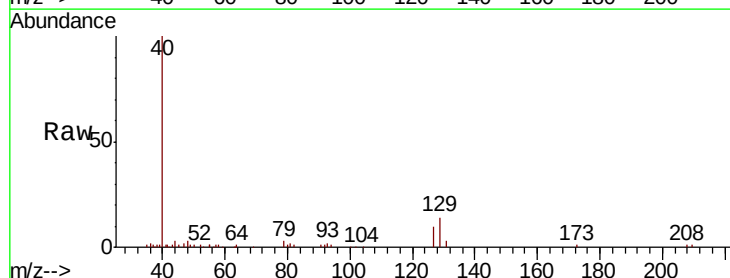
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

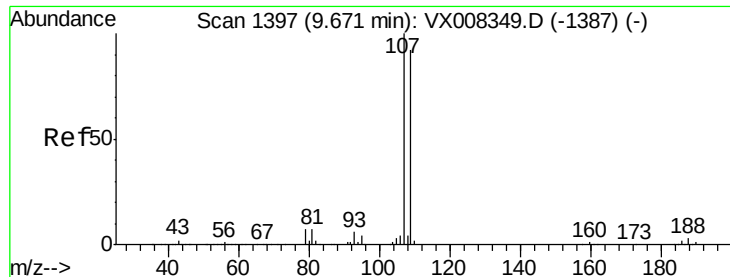
Tgt Ion: 43 Resp: 18550
Ion Ratio Lower Upper
43 100
58 49.6 27.6 82.7



#60
Dibromochloromethane
Concen: 0.779 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 129 Resp: 2256
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 0.837 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

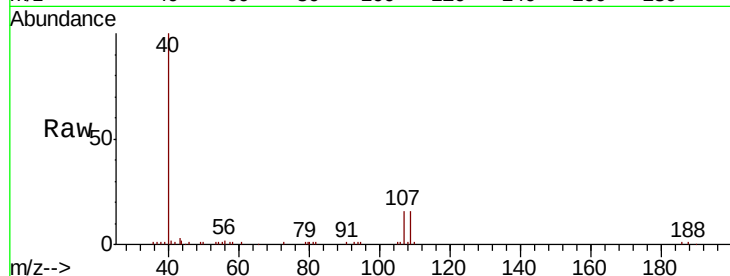
VSTDIC001

Tgt Ion: 107 Resp: 2634

Ion Ratio Lower Upper

107 100

109 99.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

2000

1500

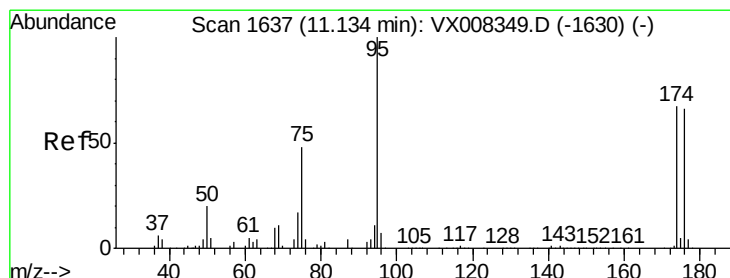
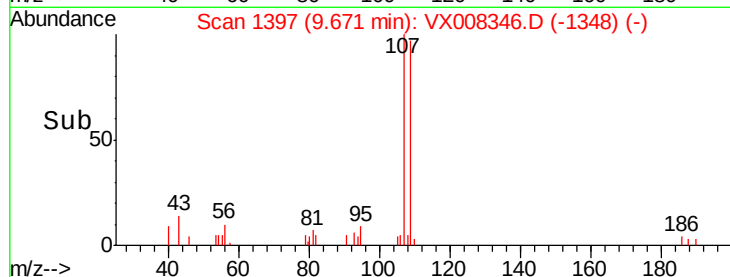
1000

500

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 1.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

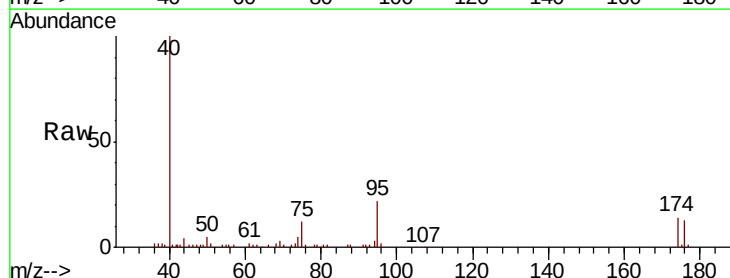
Tgt Ion: 95 Resp: 3444

Ion Ratio Lower Upper

95 100

174 69.9 0.0 182.8

176 70.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

3000

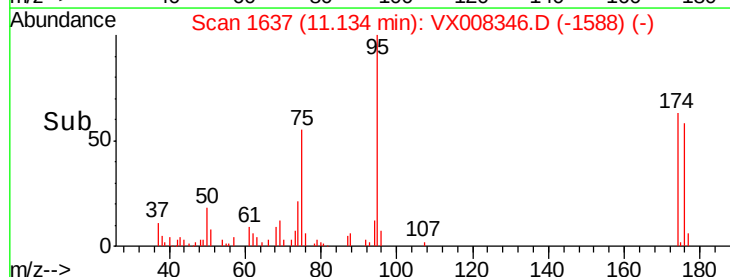
2000

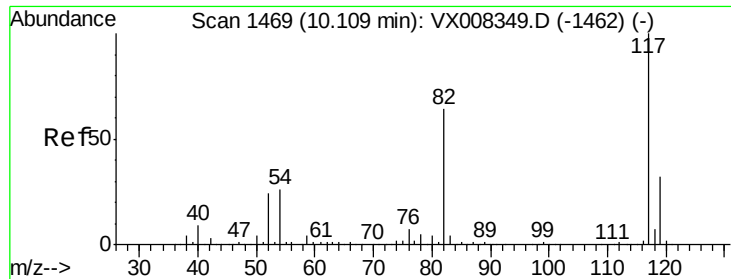
1000

0

Time-->

11.10 11.15 11.20

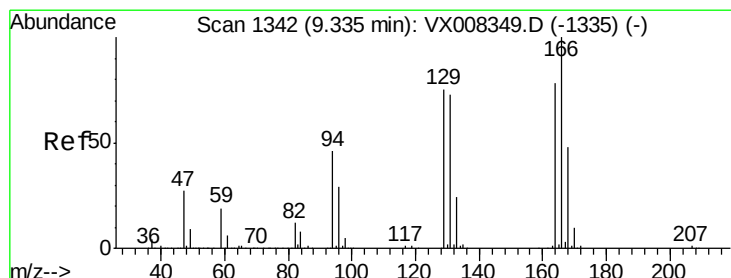
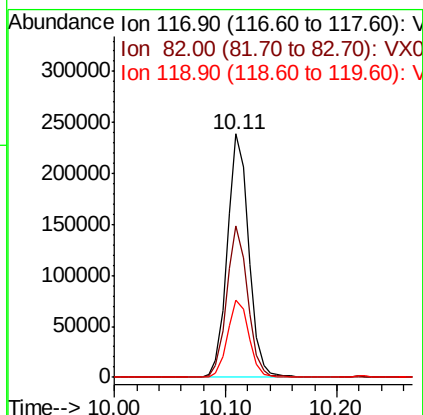
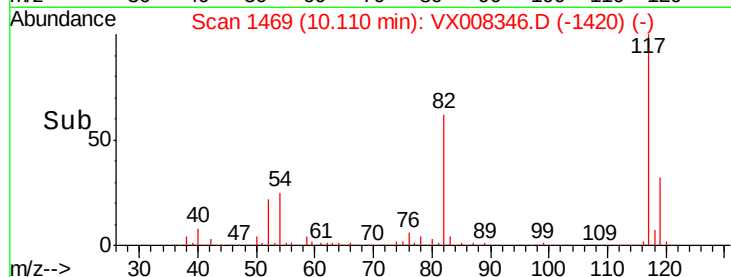
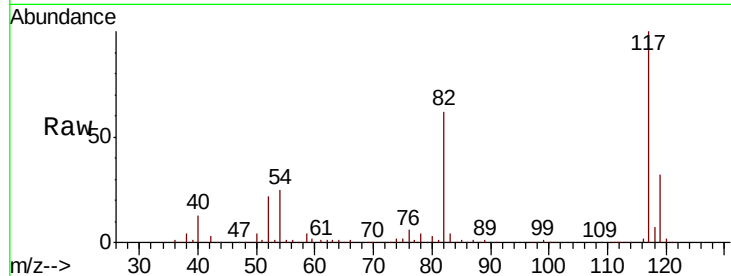




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

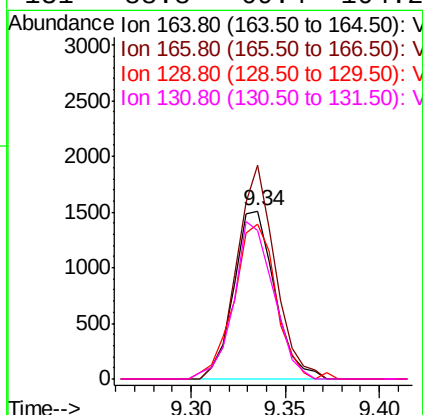
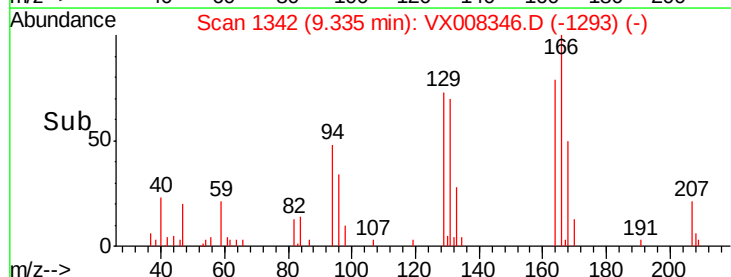
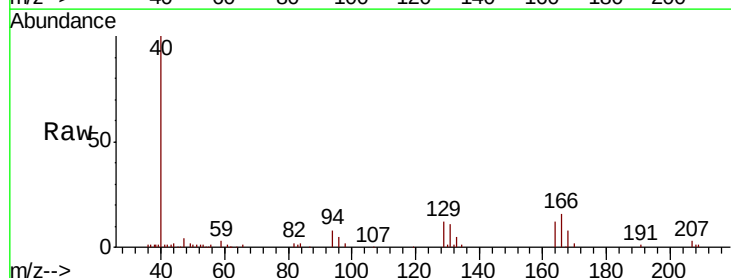
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

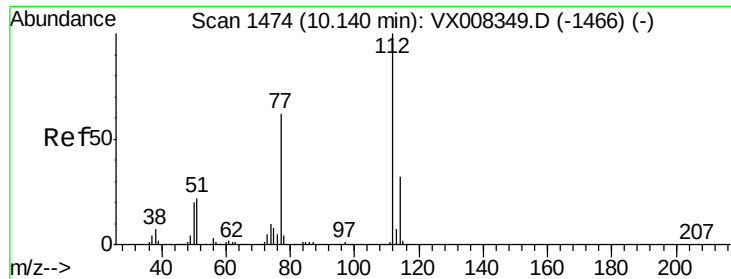
Tgt Ion:117 Resp: 316663
Ion Ratio Lower Upper
117 100
82 62.0 44.3 66.5
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 0.793 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion:164 Resp: 2266
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.0
129 92.6 72.2 108.4
131 88.8 69.4 104.2

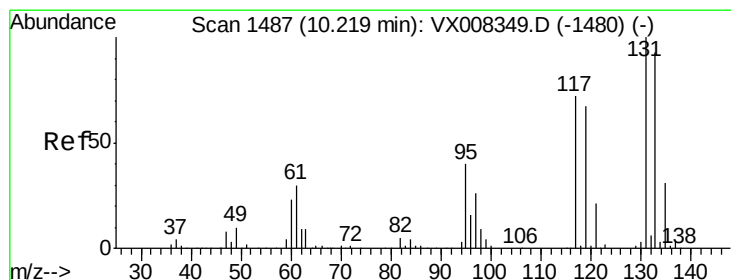
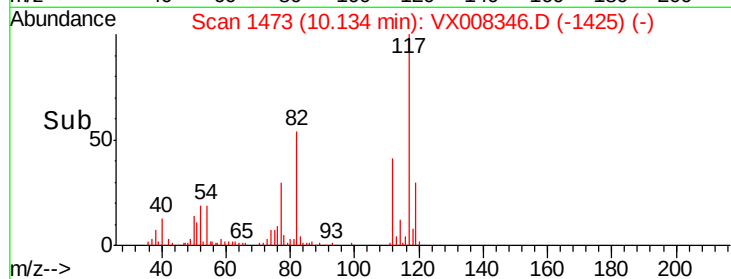
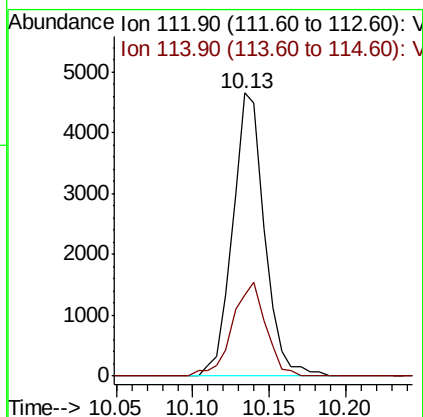
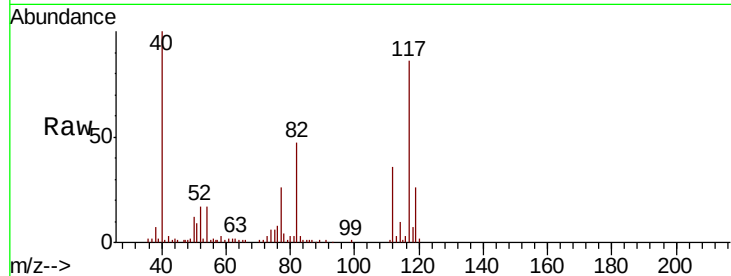




#65
Chlorobenzene
Concen: 0.863 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

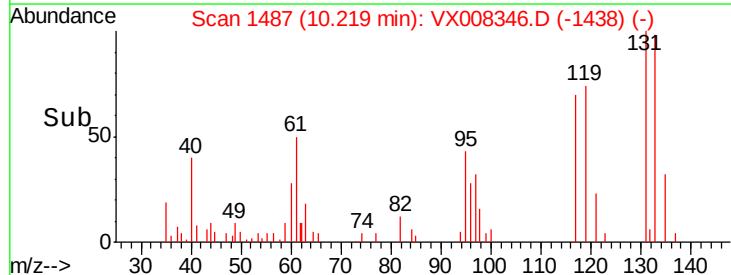
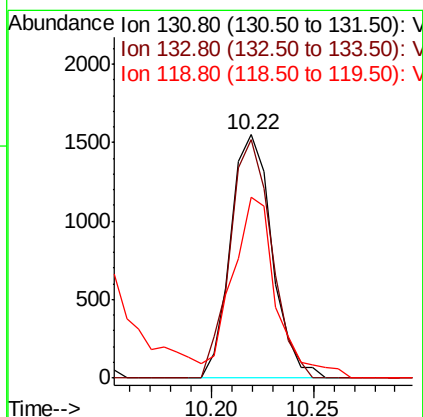
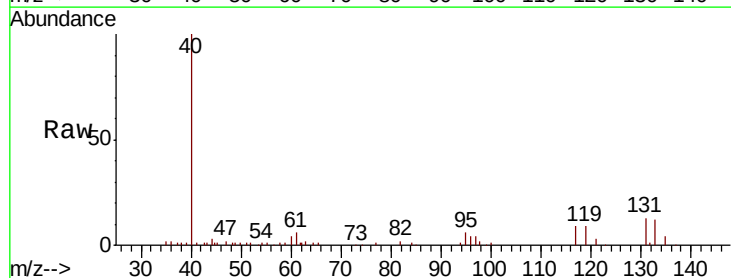
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

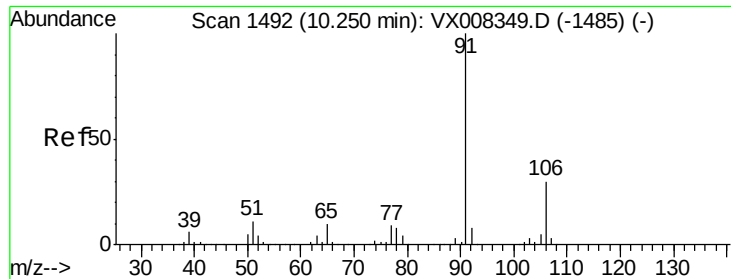
Tgt Ion:112 Resp: 6728
Ion Ratio Lower Upper
112 100
114 28.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.804 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion:131 Resp: 2183
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.3
119 0.0 32.5 97.5#





#67

Ethyl Benzene

Concen: 0.896 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

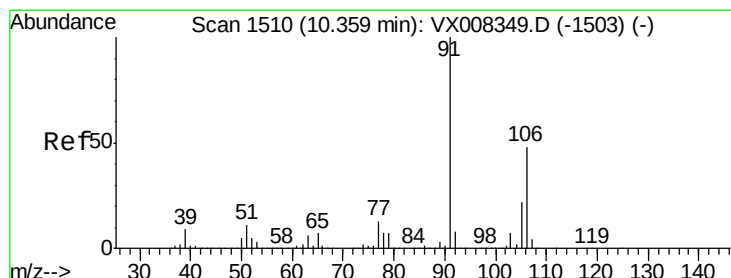
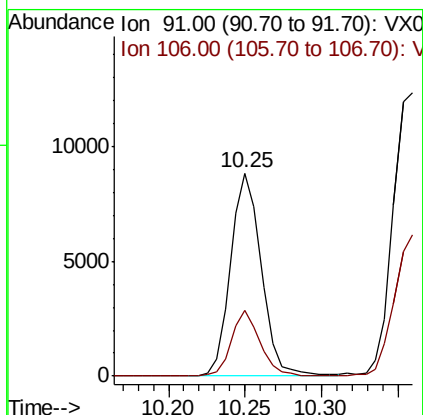
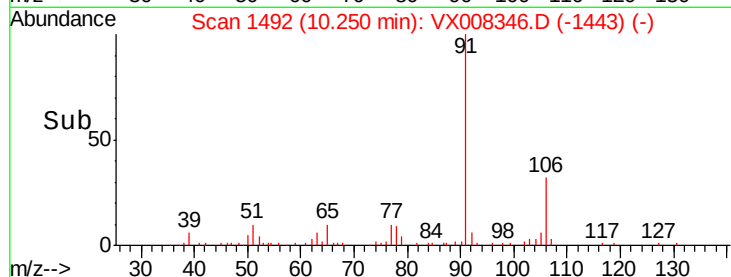
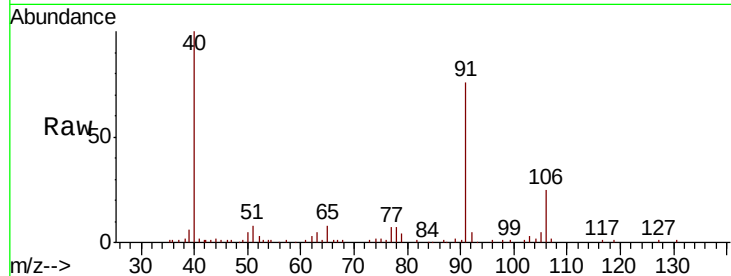
VSTDIC001

Tgt Ion: 91 Resp: 12308

Ion Ratio Lower Upper

91 100

106 32.2 25.2 37.8



#68

m/p-Xylenes

Concen: 1.679 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008346.D

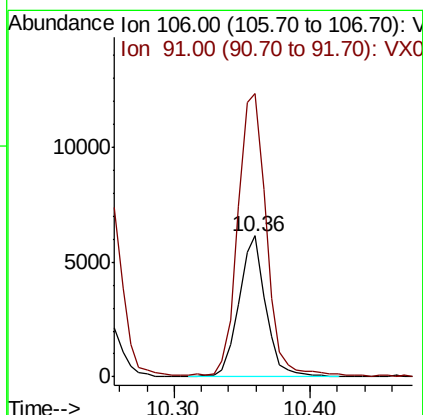
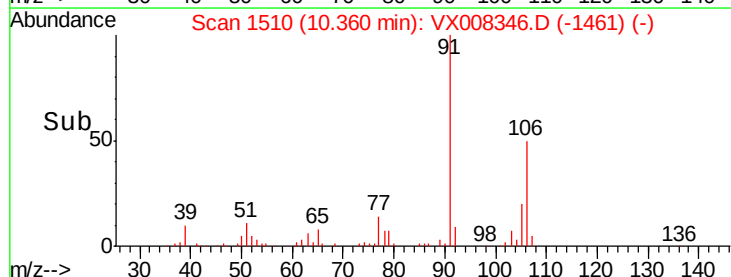
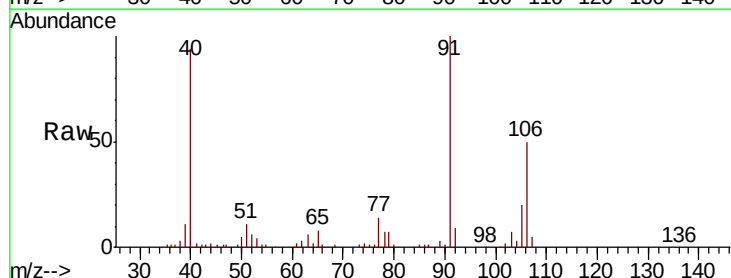
Acq: 23 Mar 2019 13:07

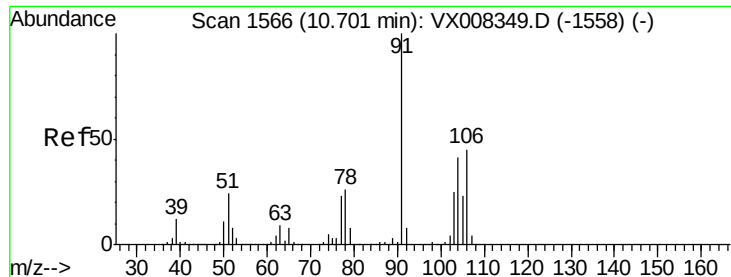
Tgt Ion: 106 Resp: 8469

Ion Ratio Lower Upper

106 100

91 214.6 159.8 239.6

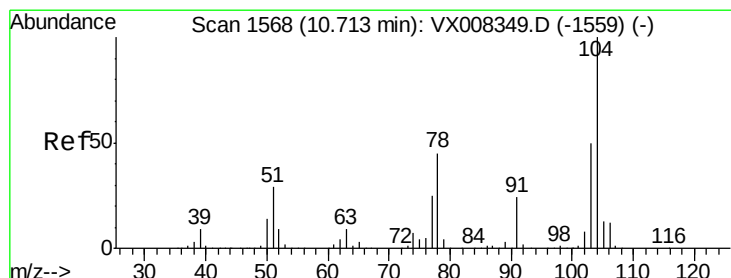
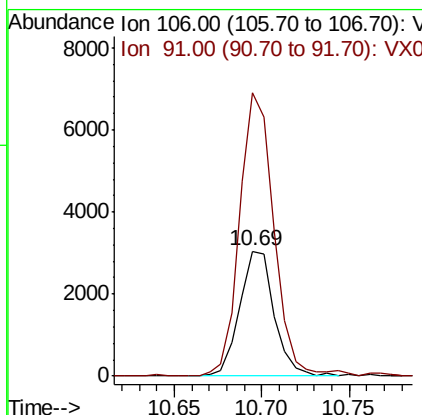
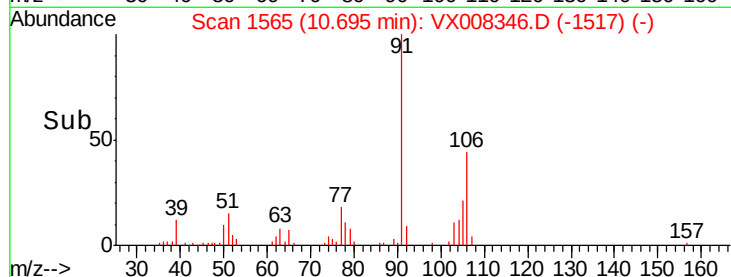
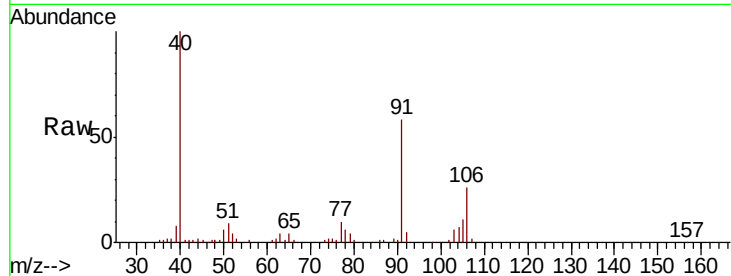




#69
o-Xylene
Concen: 0.859 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

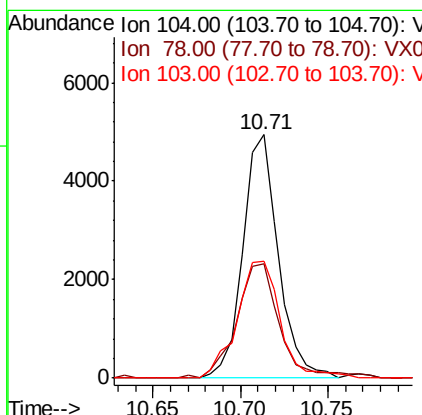
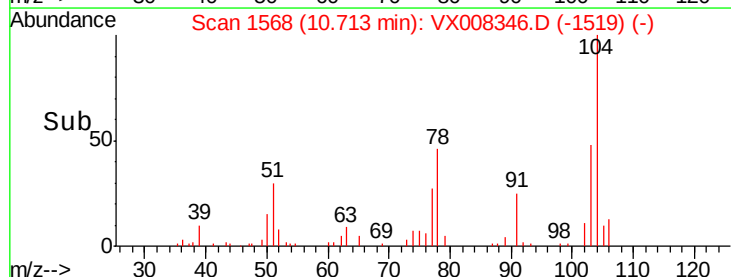
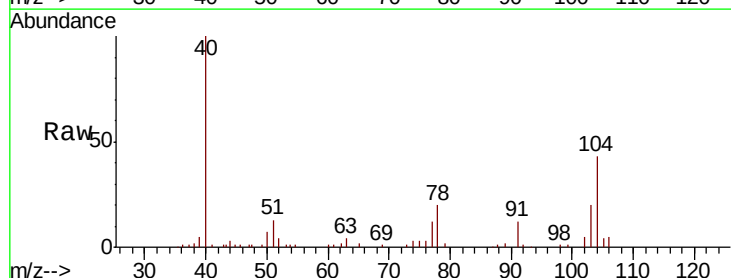
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

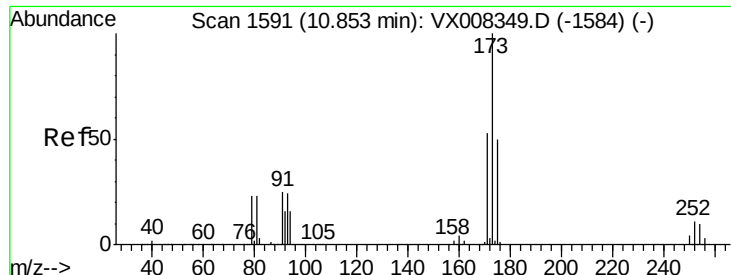
Tgt Ion:106 Resp: 4209
Ion Ratio Lower Upper
106 100
91 223.6 106.3 318.9



#70
Styrene
Concen: 0.874 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion:104 Resp: 6961
Ion Ratio Lower Upper
104 100
78 57.4 38.5 57.7
103 58.6 44.1 66.1

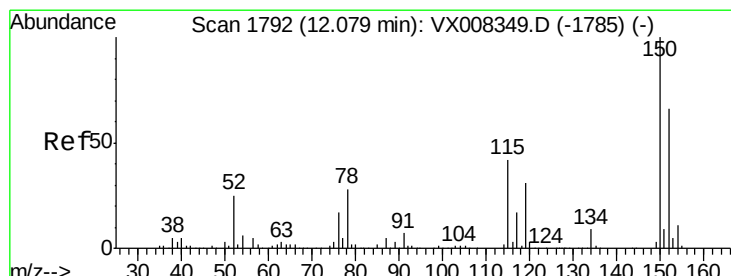
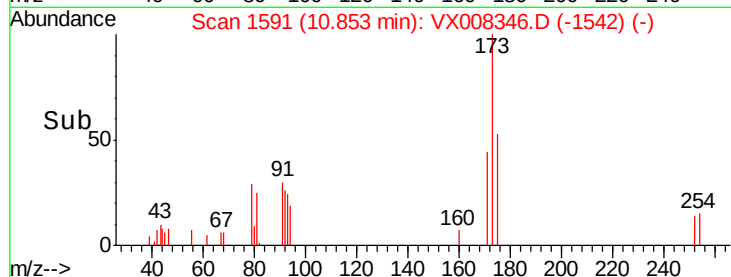
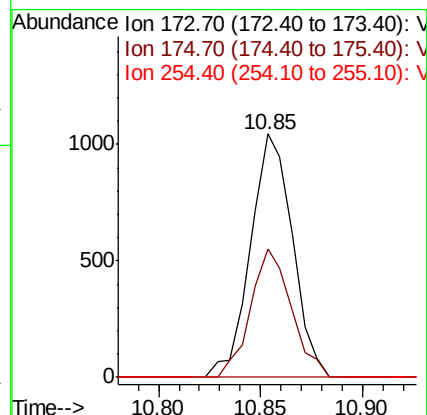
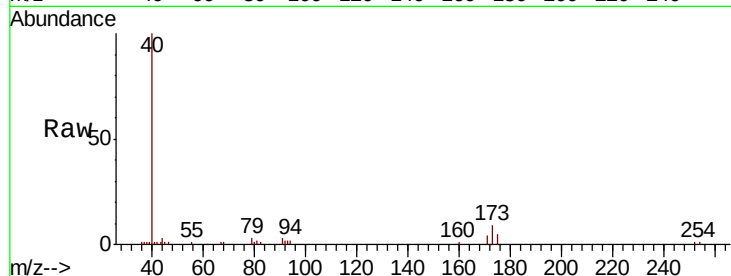




#71
Bromoform
Concen: 0.722 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

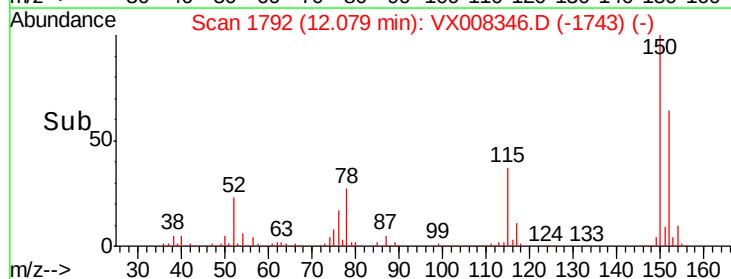
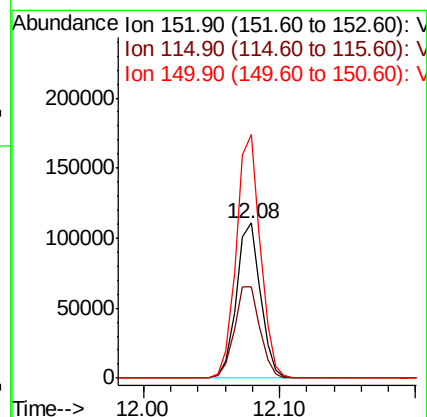
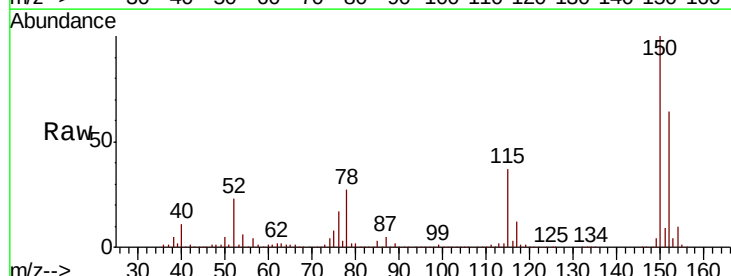
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

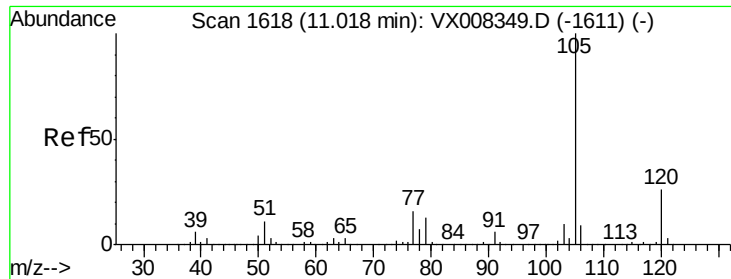
Tgt Ion:173 Resp: 1493
Ion Ratio Lower Upper
173 100
175 51.6 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion:152 Resp: 135905
Ion Ratio Lower Upper
152 100
115 62.6 38.6 115.7
150 157.5 0.0 348.4





#73

Isopropylbenzene

Concen: 0.918 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

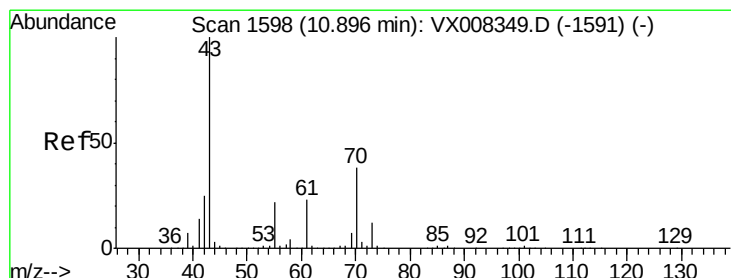
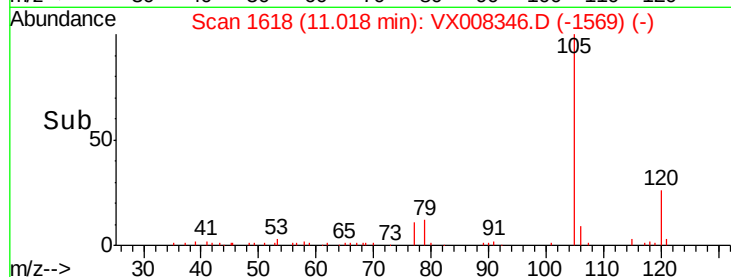
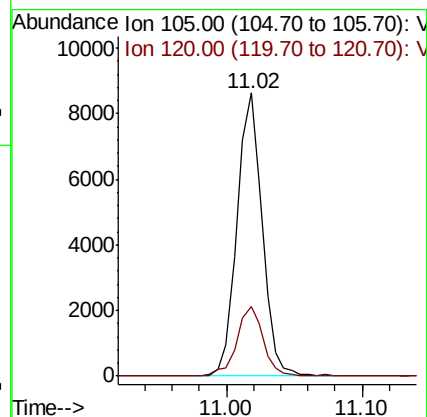
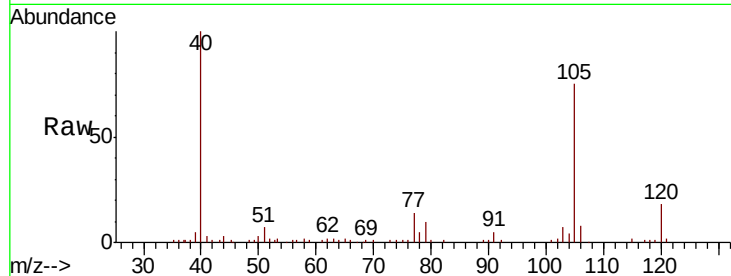
VSTDIC001

Tgt Ion: 105 Resp: 11122

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 0.882 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Tgt Ion: 43 Resp: 5598

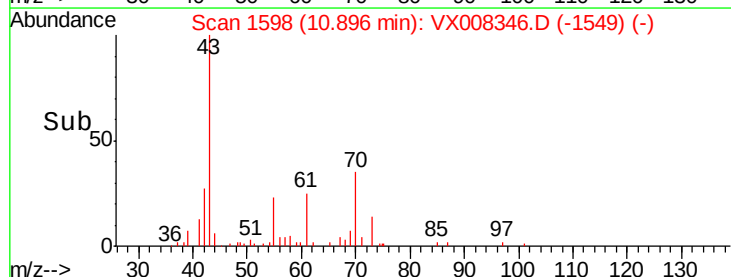
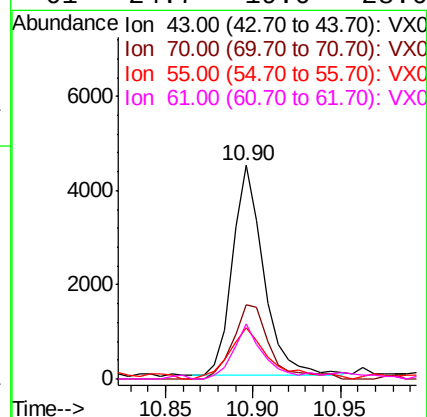
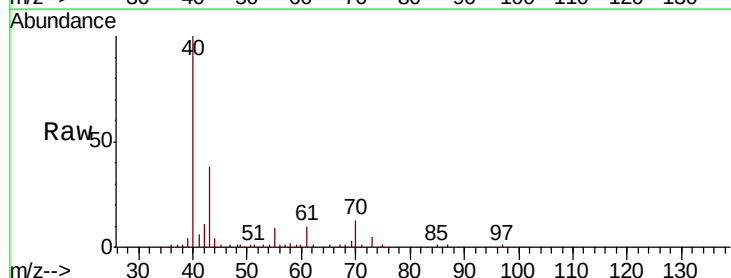
Ion Ratio Lower Upper

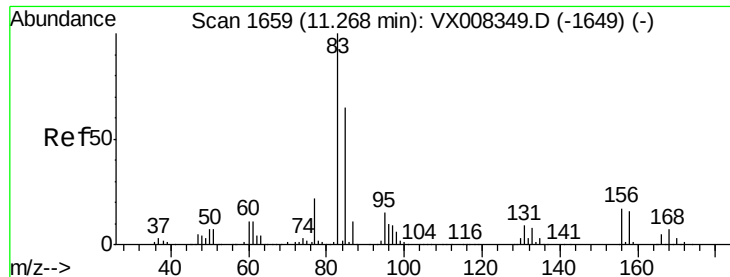
43 100

70 41.3 33.5 50.3

55 31.4 19.2 28.8#

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.098 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

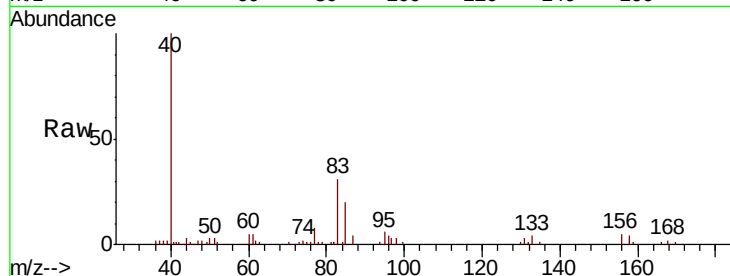
Tgt Ion: 83 Resp: 4770

Ion Ratio Lower Upper

83 100

131 7.9 5.4 16.2

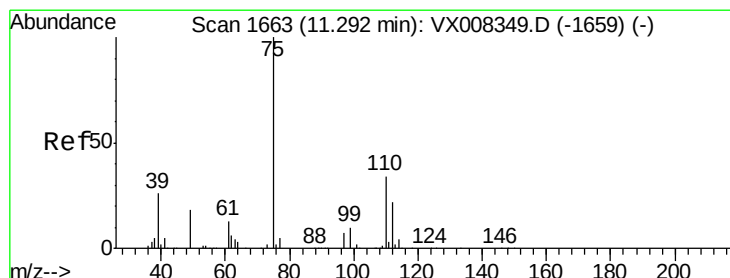
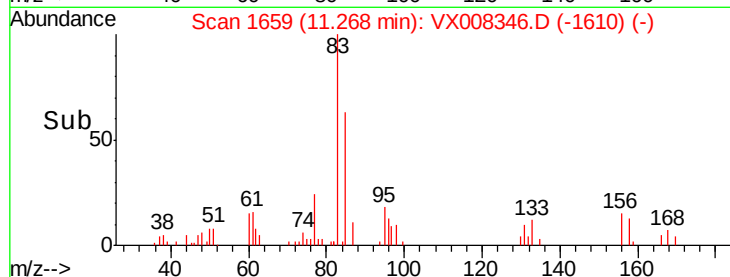
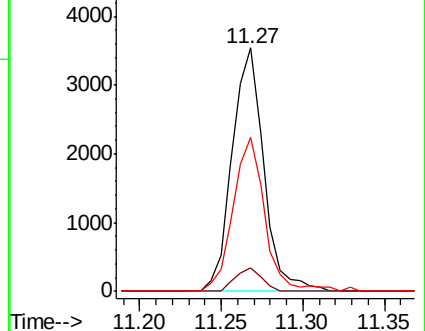
85 63.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.233 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008346.D

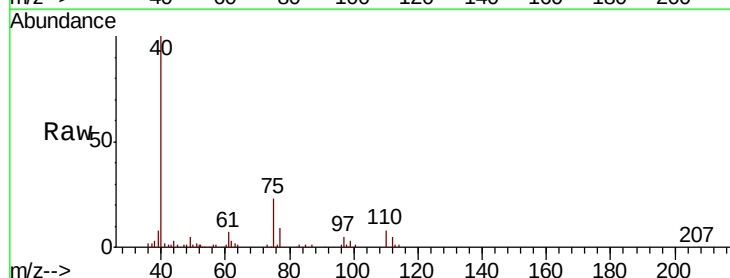
Acq: 23 Mar 2019 13:07

Tgt Ion: 75 Resp: 4712

Ion Ratio Lower Upper

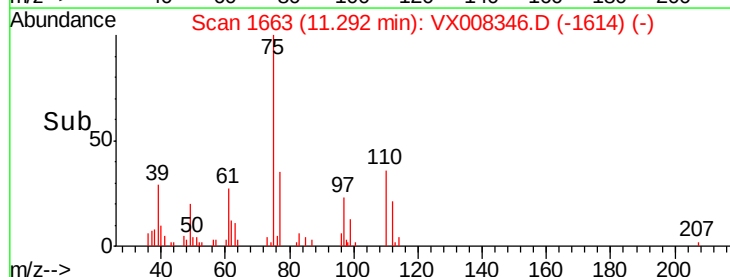
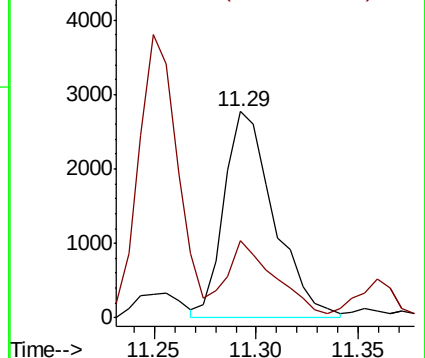
75 100

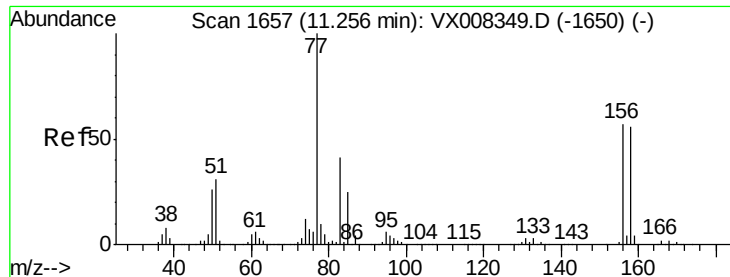
77 37.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.902 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

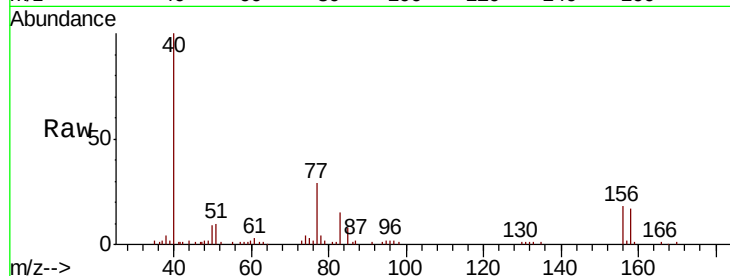
Tgt Ion:156 Resp: 2642

Ion Ratio Lower Upper

156 100

77 191.7 72.0 215.9

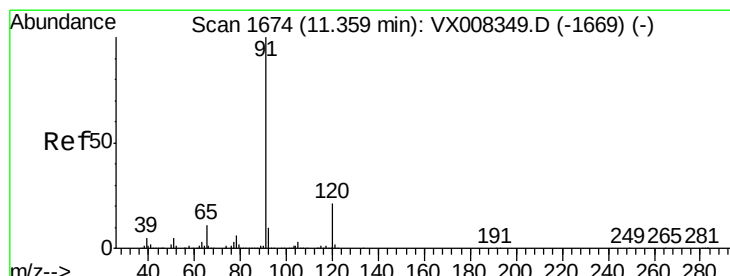
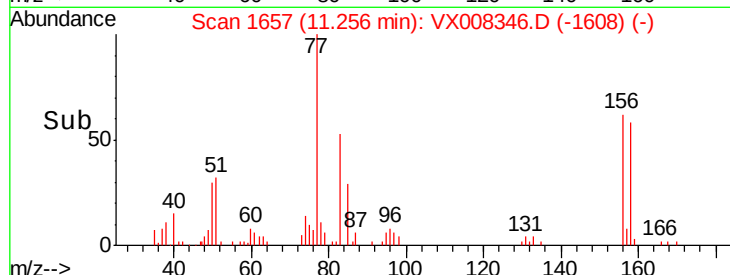
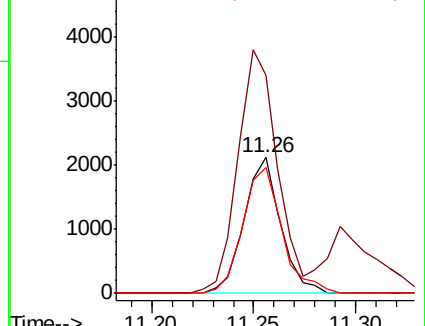
158 100.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.877 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008346.D

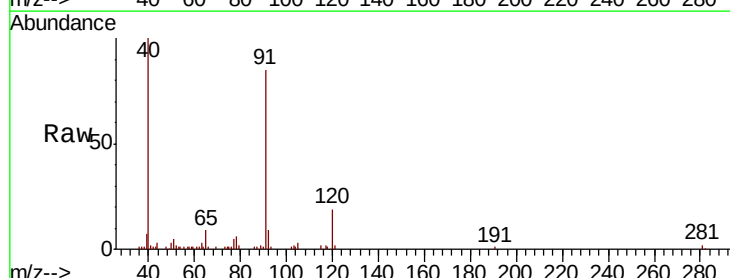
Acq: 23 Mar 2019 13:07

Tgt Ion: 91 Resp: 12340

Ion Ratio Lower Upper

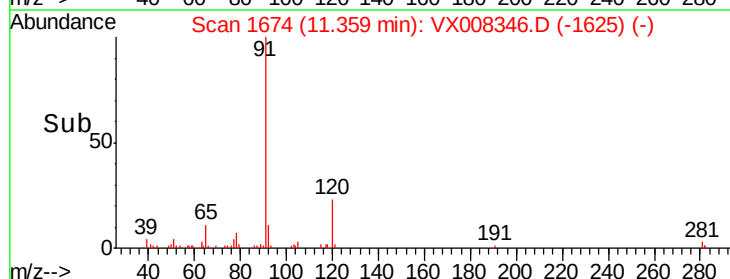
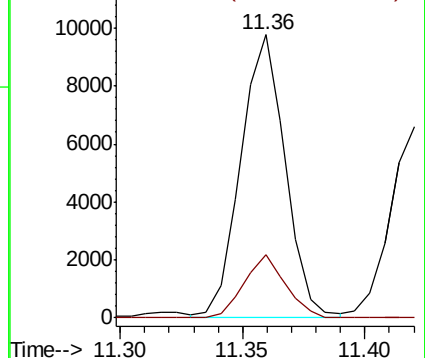
91 100

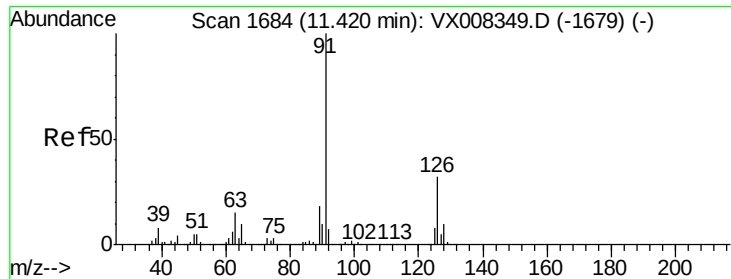
120 20.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

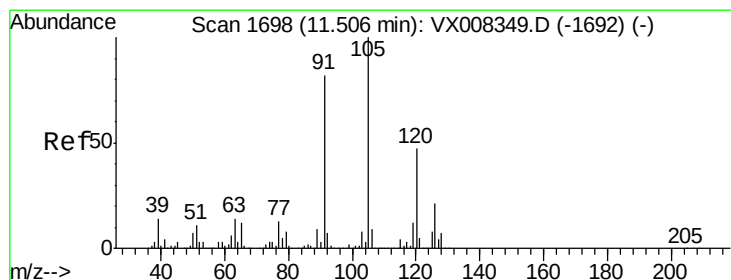
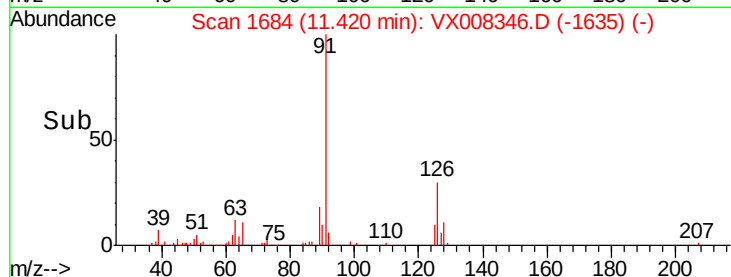
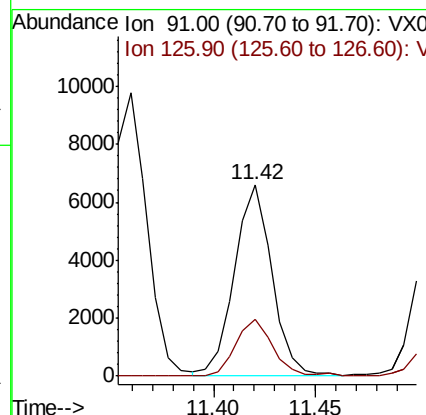
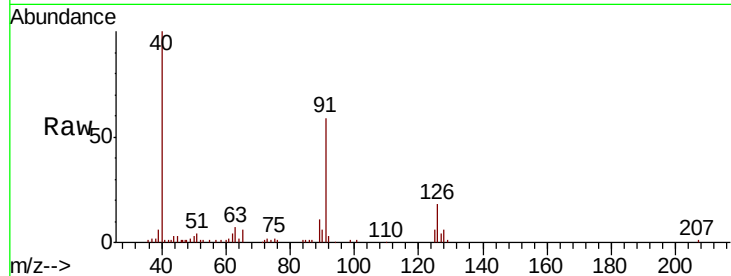




#79
 2-Chlorotoluene
 Concen: 0.998 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

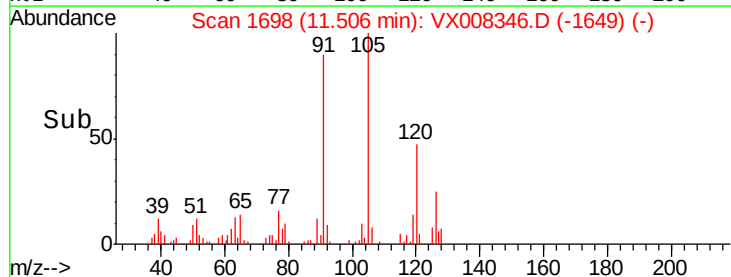
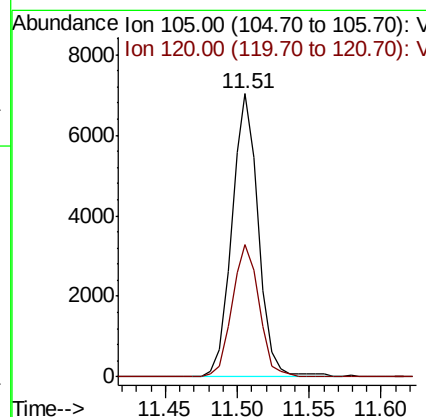
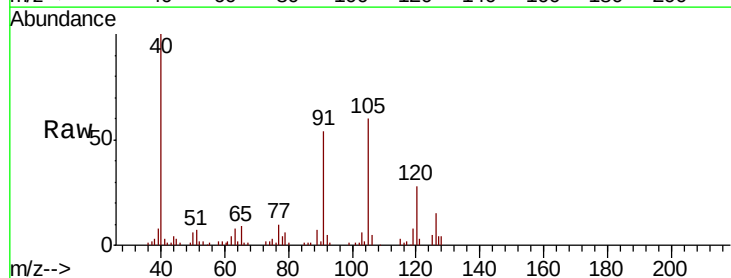
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

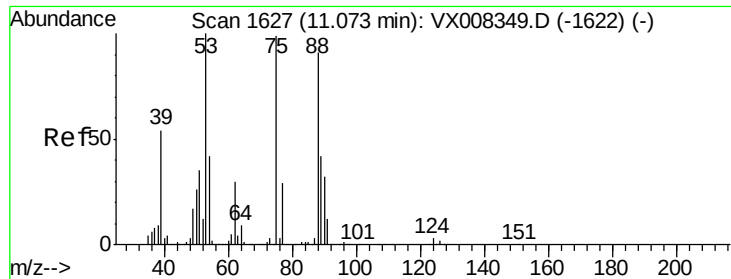
Tgt Ion: 91 Resp: 8428
 Ion Ratio Lower Upper
 91 100
 126 29.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.908 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 105 Resp: 9087
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.763 ug/l

RT: 11.07 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

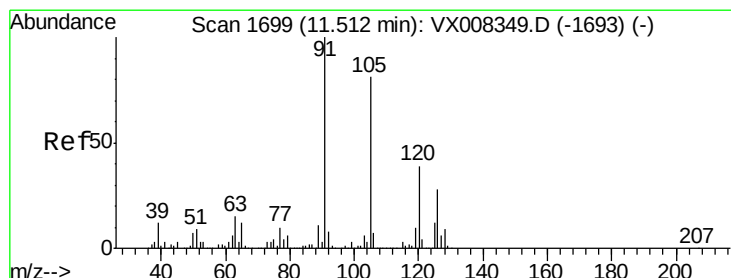
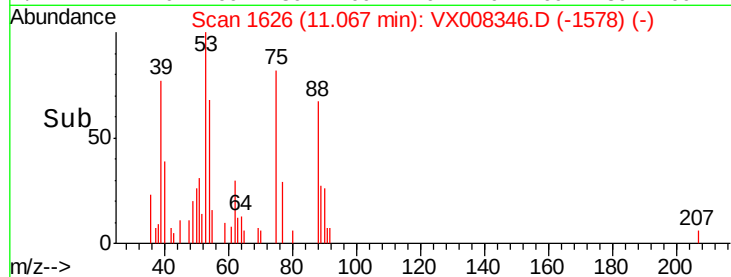
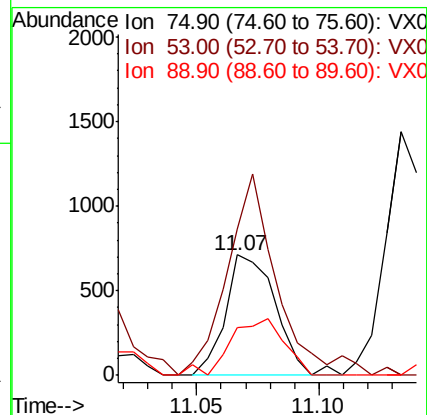
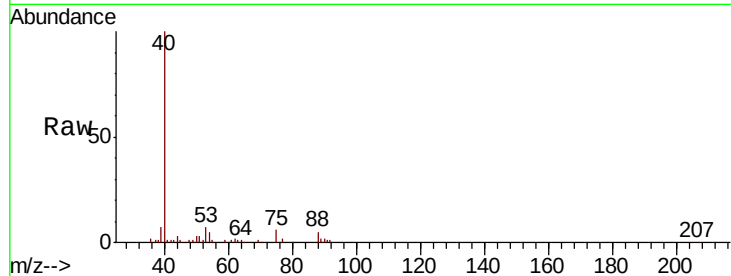
Tgt Ion: 75 Resp: 1019

Ion Ratio Lower Upper

75 100

53 166.2 76.1 114.1#

89 50.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 0.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008346.D

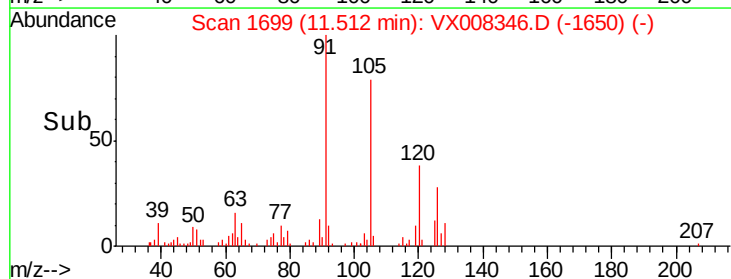
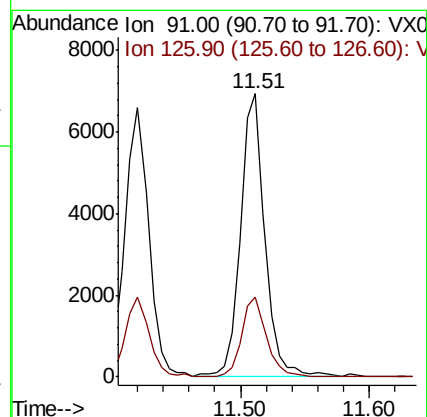
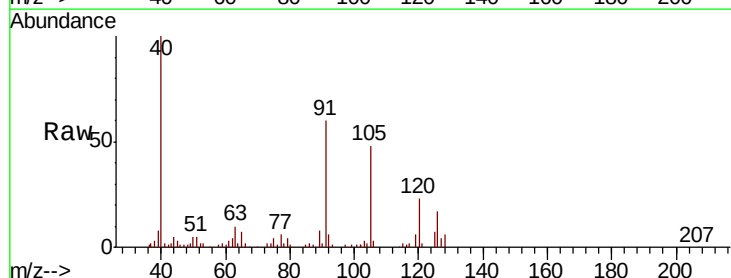
Acq: 23 Mar 2019 13:07

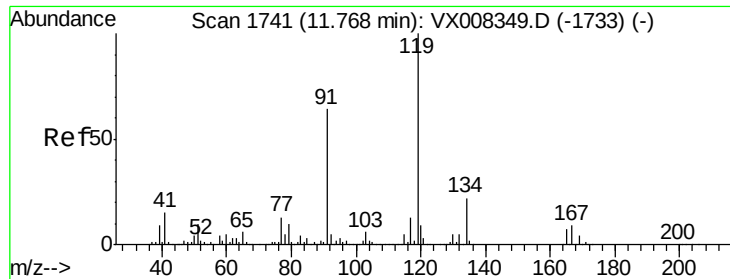
Tgt Ion: 91 Resp: 9136

Ion Ratio Lower Upper

91 100

126 28.4 15.6 46.8

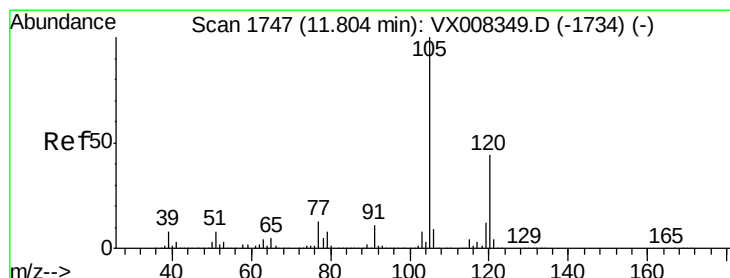
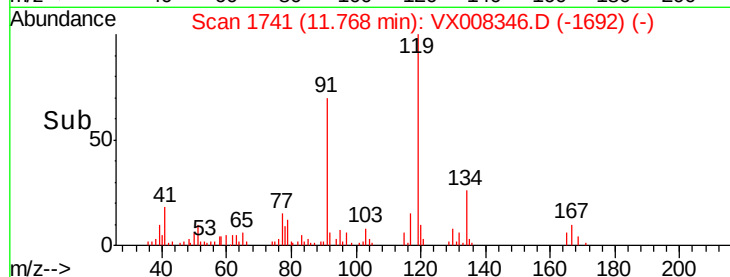
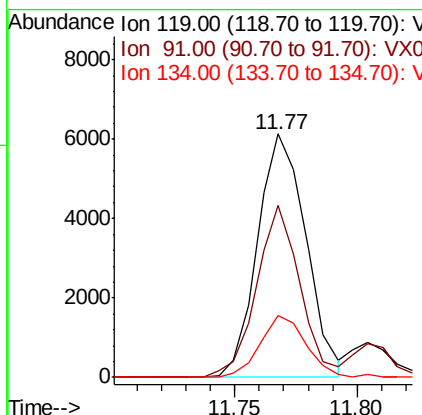
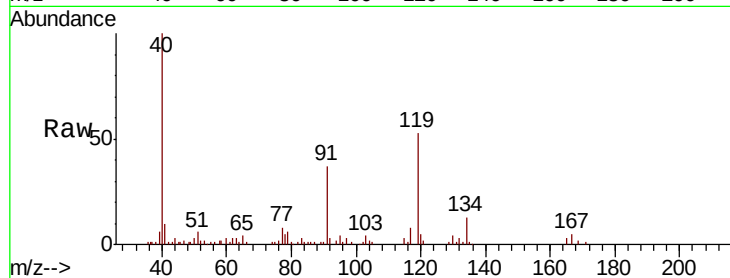




#83
 tert-Butylbenzene
 Concen: 0.880 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

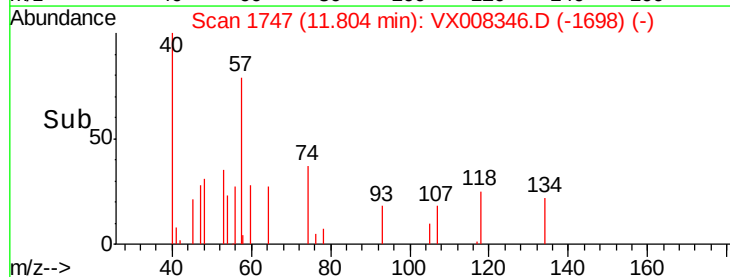
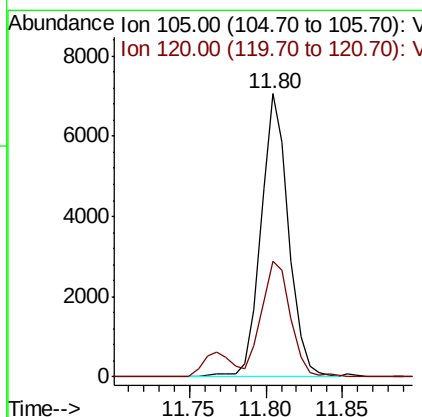
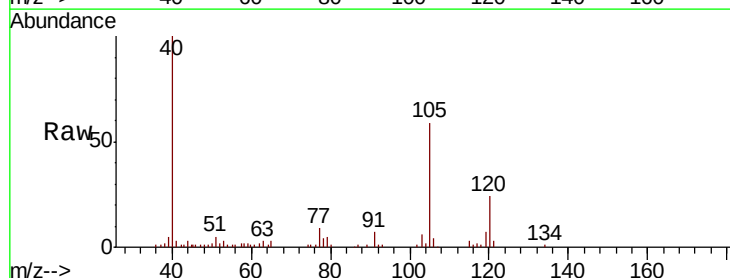
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

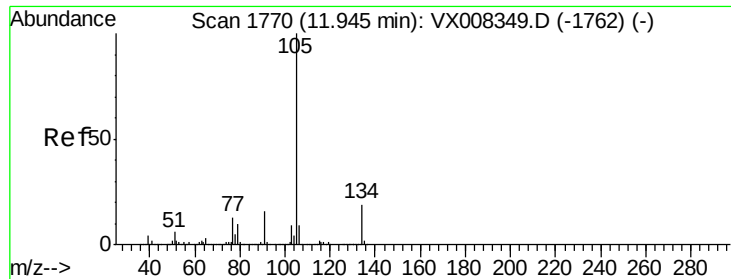
Tgt Ion:119 Resp: 8413
 Ion Ratio Lower Upper
 119 100
 91 63.6 27.1 81.3
 134 24.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.874 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion:105 Resp: 8864
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 0.881 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

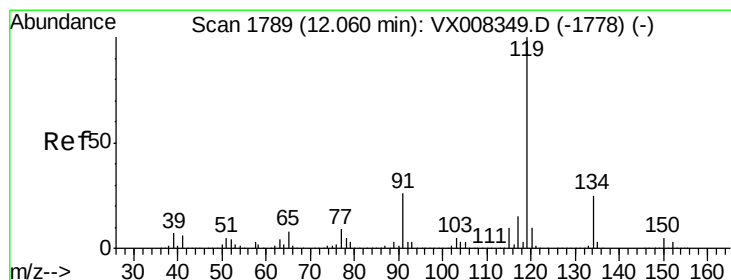
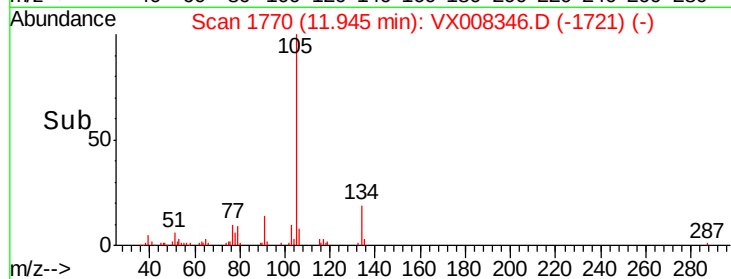
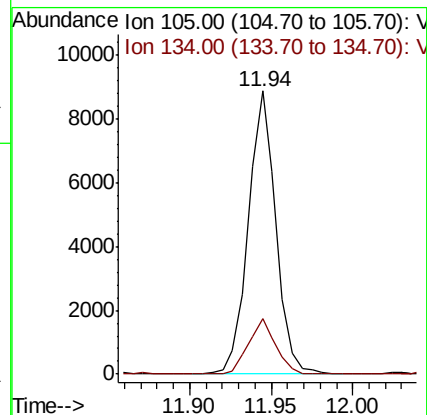
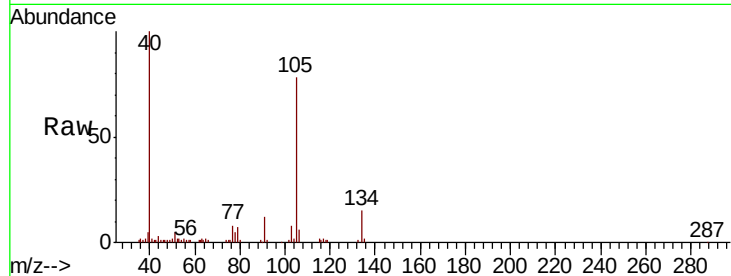
VSTDIC001

Tgt Ion:105 Resp: 10427

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 0.826 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

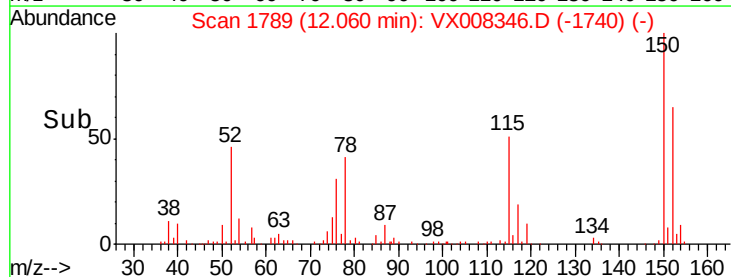
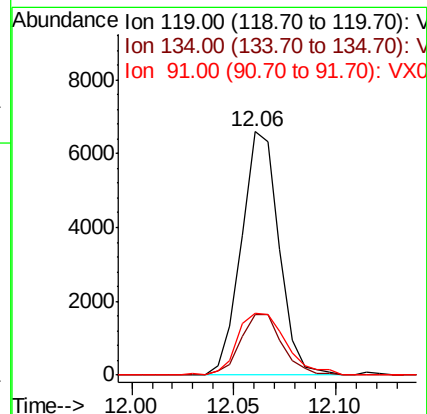
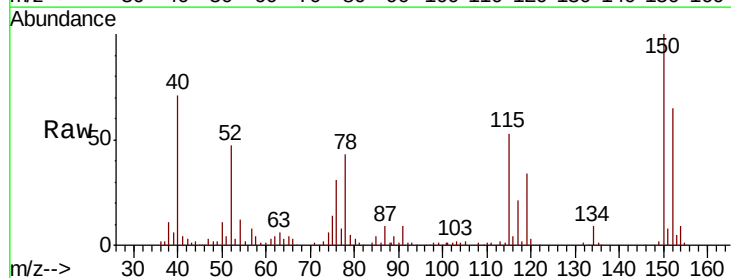
Tgt Ion:119 Resp: 8458

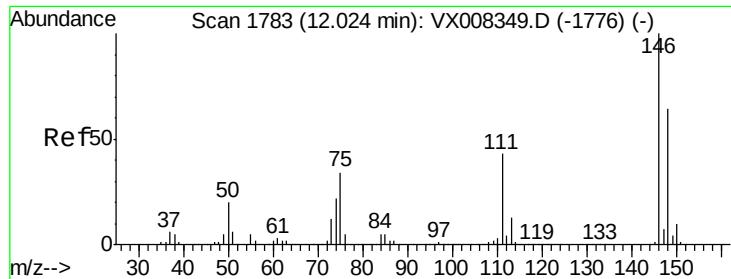
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.9

91 32.8 10.9 32.7#

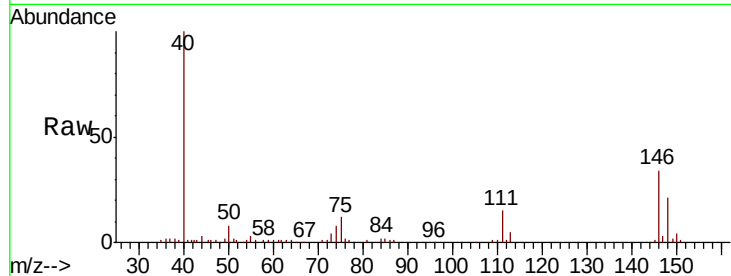




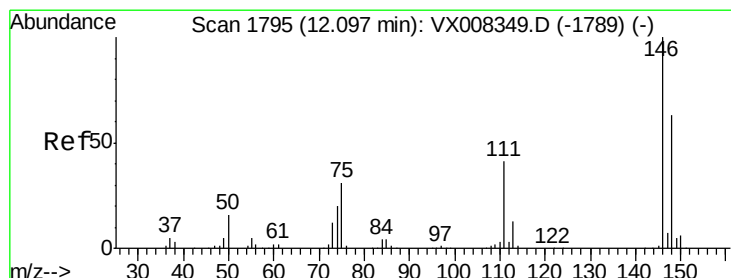
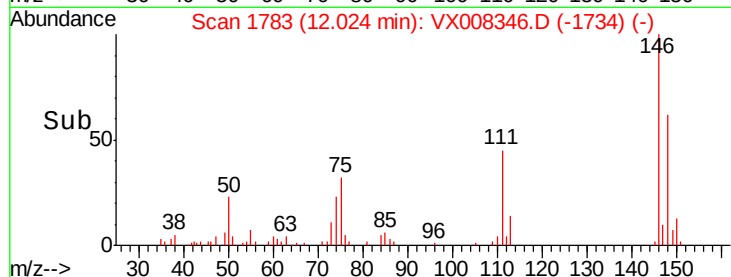
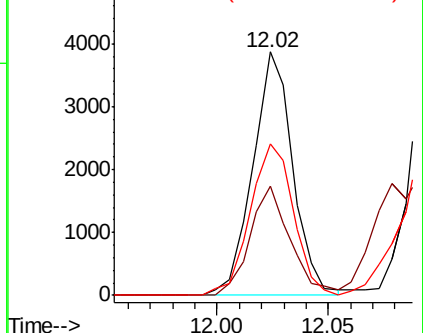
#87
 1,3-Dichlorobenzene
 Concen: 0.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 4846
 Ion Ratio Lower Upper
 146 100
 111 45.3 18.9 56.7
 148 67.2 31.7 95.1

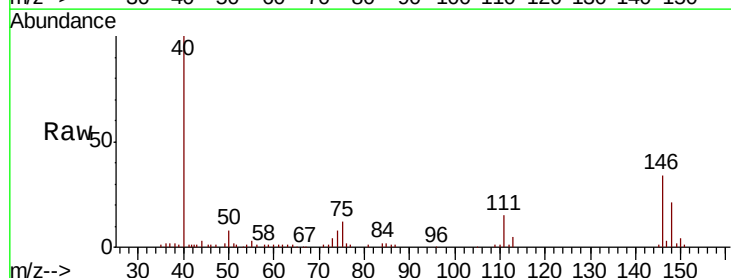


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

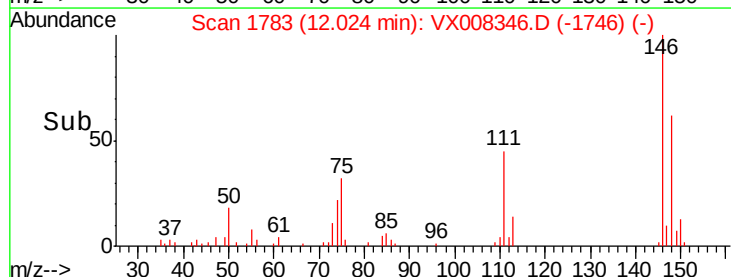
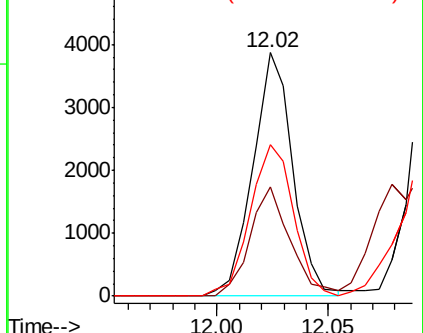


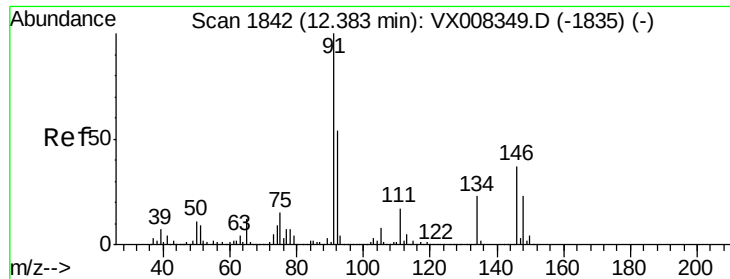
#88
 1,4-Dichlorobenzene
 Concen: 0.895 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion:146 Resp: 4846
 Ion Ratio Lower Upper
 146 100
 111 45.3 18.4 55.0
 148 67.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

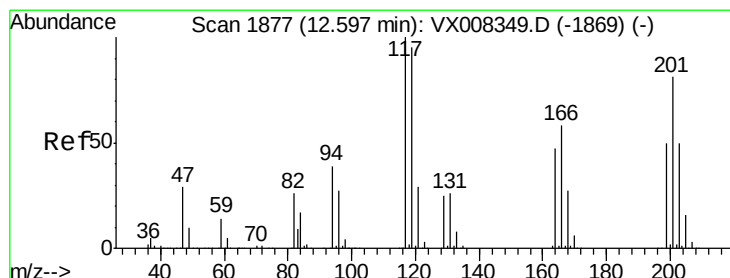
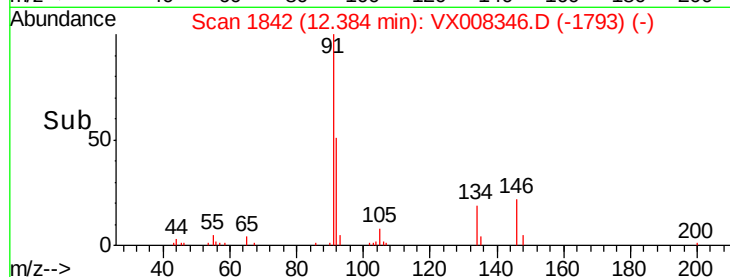
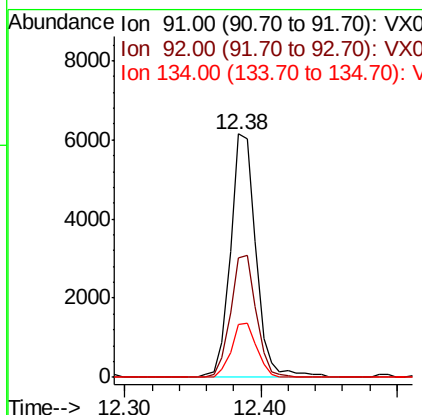
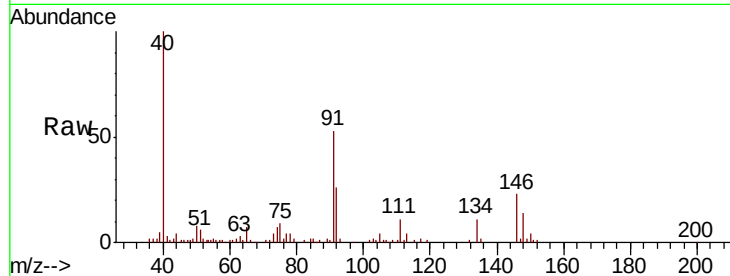




#89
n-Butylbenzene
Concen: 0.832 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

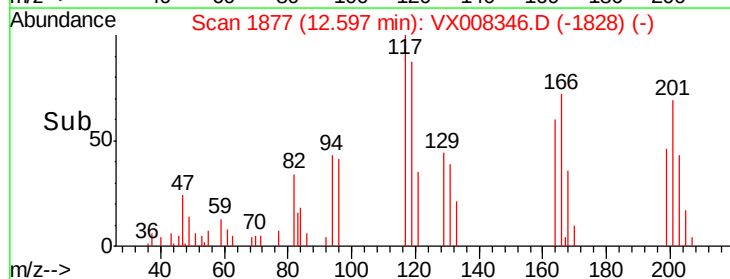
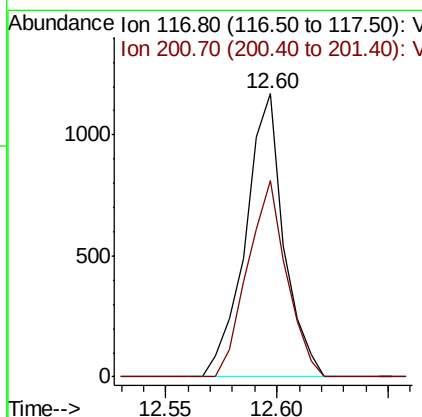
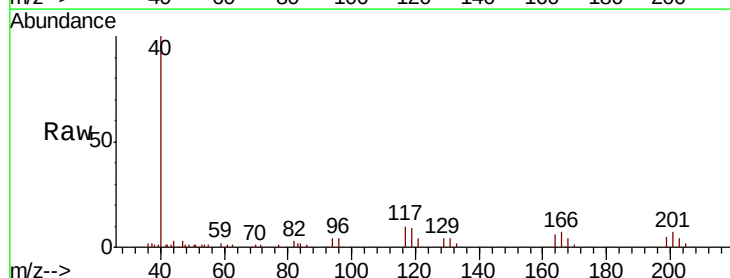
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

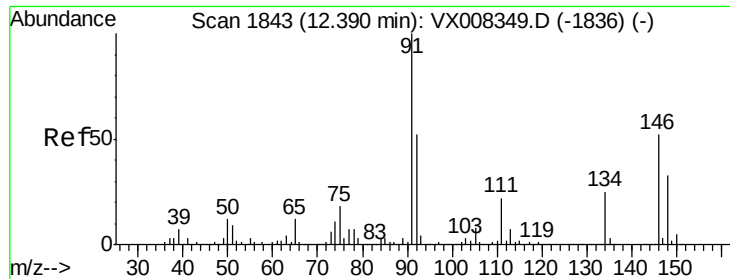
Tgt Ion: 91 Resp: 7999
Ion Ratio Lower Upper
91 100
92 50.1 27.0 80.8
134 21.8 13.7 41.0



#90
Hexachloroethane
Concen: 0.809 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008346.D
Acq: 23 Mar 2019 13:07

Tgt Ion: 117 Resp: 1412
Ion Ratio Lower Upper
117 100
201 70.1 48.9 146.7

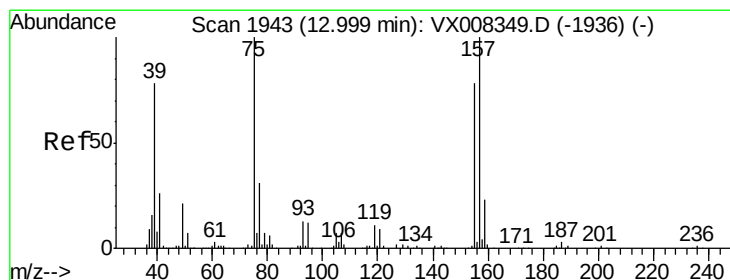
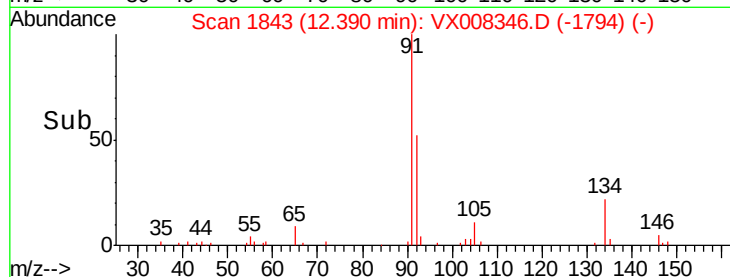
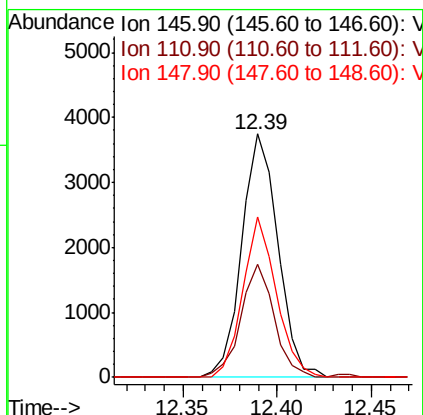
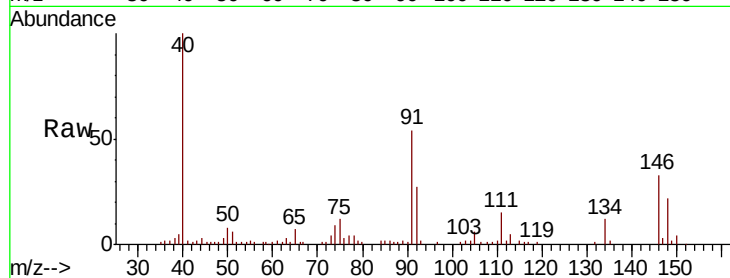




#91
 1,2-Dichlorobenzene
 Concen: 0.942 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

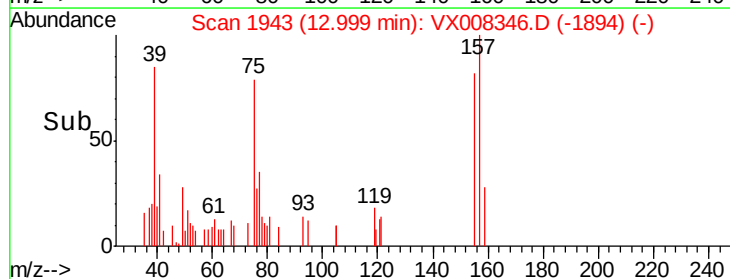
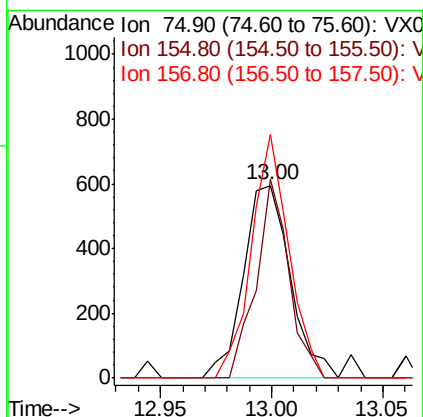
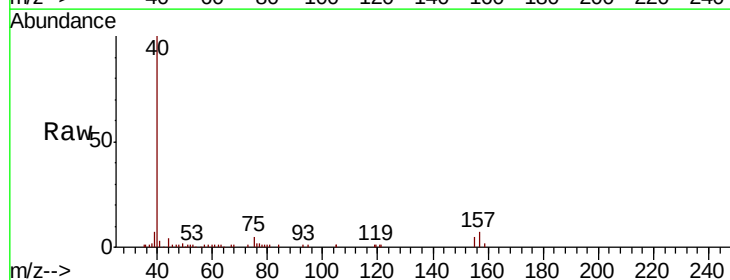
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

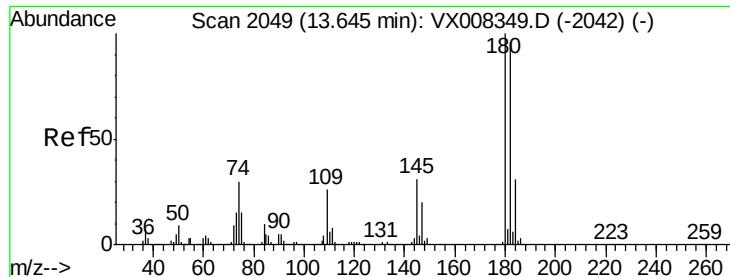
Tgt Ion: 146 Resp: 4971
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.6 58.8
 148 61.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.906 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion: 75 Resp: 874
 Ion Ratio Lower Upper
 75 100
 155 72.0 49.7 149.1
 157 100.3 63.8 191.4

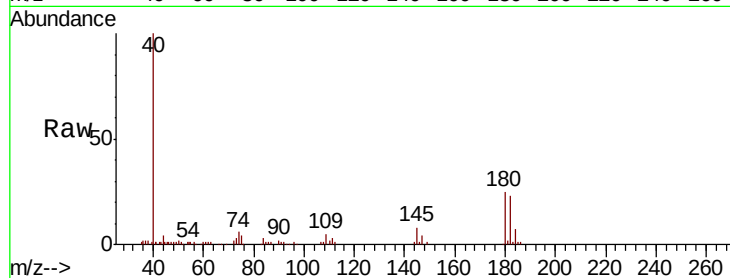




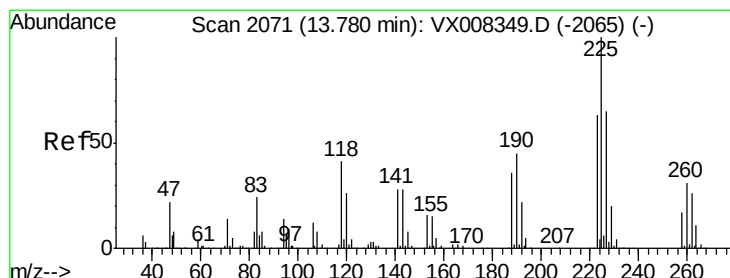
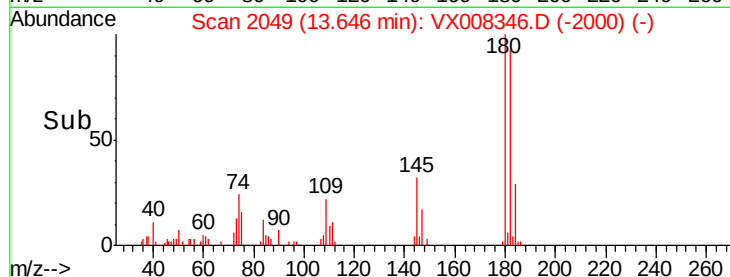
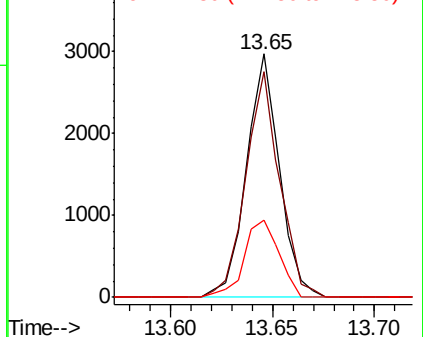
#93
 1,2,4-Trichlorobenzene
 Concen: 0.961 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 3341
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.7
 145 33.5 14.1 42.4

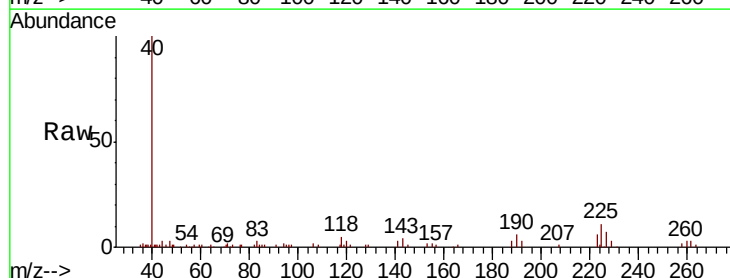


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

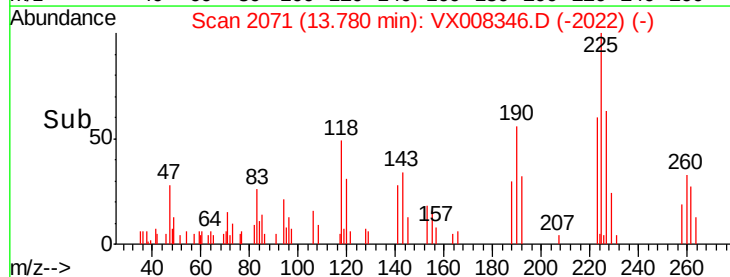
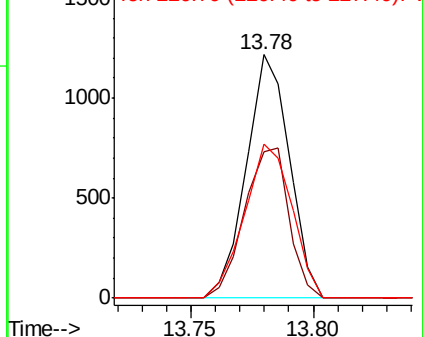


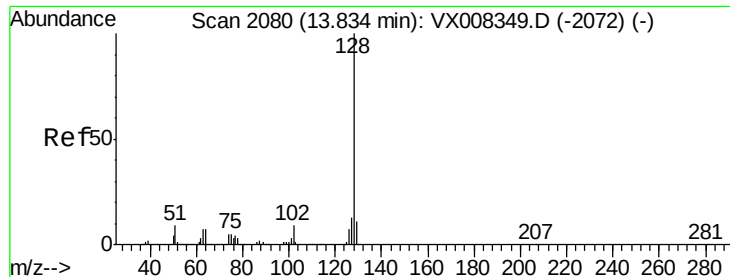
#94
 Hexachlorobutadiene
 Concen: 0.885 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008346.D
 Acq: 23 Mar 2019 13:07

Tgt Ion:225 Resp: 1501
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 69.6 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.077 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

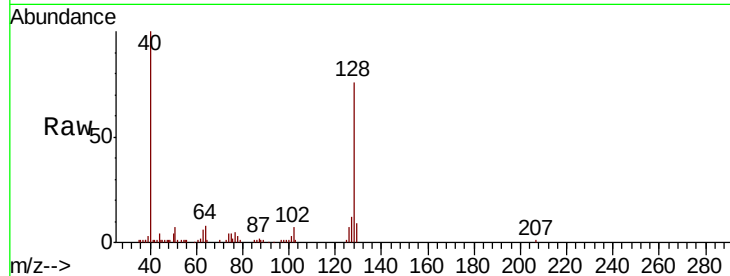
Tgt Ion:128 Resp: 11820

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 11.1 8.7 13.1

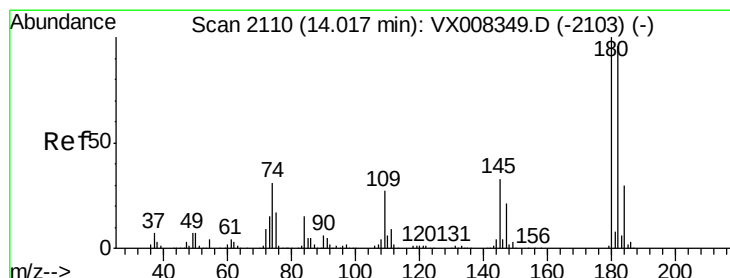
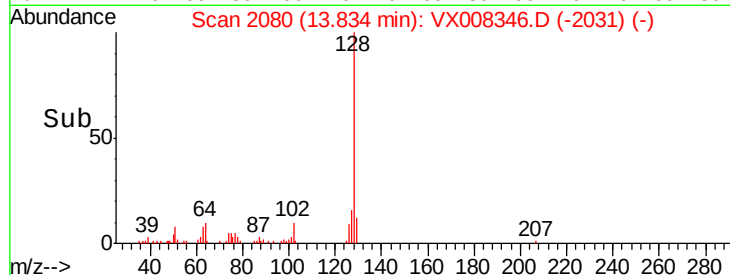
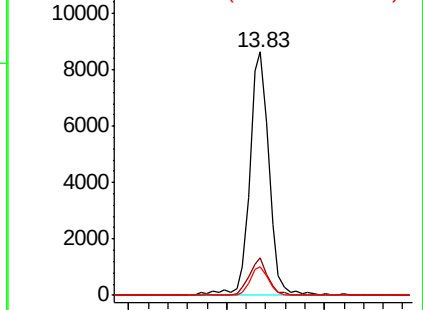


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.991 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008346.D

Acq: 23 Mar 2019 13:07

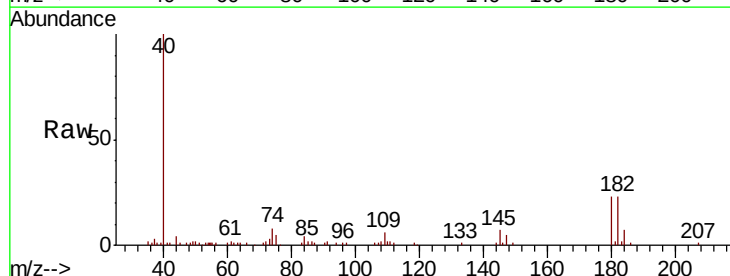
Tgt Ion:180 Resp: 3389

Ion Ratio Lower Upper

180 100

182 100.2 47.5 142.5

145 33.1 14.8 44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

