

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008877.D
 Acq On : 12 Apr 2019 11:37
 Operator : JC/SP
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Quant Time: Apr 13 04:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107968	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
35) Dibromofluoromethane	5.49	113	80088	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	322944	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	117380	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41804	22.973	ug/l	100
3) Chloromethane	1.32	50	51977	22.373	ug/l	98
4) Vinyl Chloride	1.41	62	46775	19.015	ug/l	98
5) Bromomethane	1.64	94	27477	23.705	ug/l	100
6) Chloroethane	1.72	64	27813	18.814	ug/l	99
7) Trichlorofluoromethane	1.93	101	51754	19.032	ug/l	98
8) Diethyl Ether	2.19	74	23804	18.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32830	18.752	ug/l	97
10) Methyl Iodide	2.51	142	35012	24.203	ug/l	100
11) Tert butyl alcohol	3.04	59	54607	101.158	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34217	18.722	ug/l	99
13) Acrolein	2.29	56	25180	94.070	ug/l	98
14) Allyl chloride	2.73	41	79796	19.072	ug/l	99
15) Acrylonitrile	3.14	53	135873	95.011	ug/l	100
16) Acetone	2.44	43	121163	91.231	ug/l	99
17) Carbon Disulfide	2.57	76	100034	18.488	ug/l	98
18) Methyl Acetate	2.78	43	59668	18.525	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	126461	19.375	ug/l	98
20) Methylene Chloride	2.86	84	41224	18.544	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	36068	18.245	ug/l	94
22) Diisopropyl ether	3.85	45	156192	19.369	ug/l	90
23) Vinyl Acetate	3.81	43	691198	98.527	ug/l	99
24) 1,1-Dichloroethane	3.70	63	76066	19.051	ug/l	99
25) 2-Butanone	4.68	43	201519	96.004	ug/l	100
26) 2,2-Dichloropropane	4.59	77	54206	19.276	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	41951	18.457	ug/l	99
28) Bromochloromethane	5.01	49	38093	21.090	ug/l	100
29) Tetrahydrofuran	5.13	42	133655	95.933	ug/l	99
30) Chloroform	5.21	83	67201	18.844	ug/l	99
31) Cyclohexane	5.58	56	74929	18.808	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	55301	19.190	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51981	18.502	ug/l	98
37) Ethyl Acetate	4.83	43	75085	20.022	ug/l	98
38) Carbon Tetrachloride	5.78	117	44733	19.237	ug/l	98

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 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0412WBS01

Quant Time: Apr 13 04:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.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	66099	19.045	ug/l	96
40) Benzene	6.15	78	163200	19.499	ug/l	100
41) Methacrylonitrile	5.04	41	42204	19.579	ug/l	99
42) 1,2-Dichloroethane	6.20	62	58179	19.389	ug/l	100
43) Isopropyl Acetate	6.45	43	116836	19.889	ug/l	100
44) Trichloroethene	7.21	130	37537	19.256	ug/l	100
45) 1,2-Dichloropropane	7.51	63	46270	19.368	ug/l	97
46) Dibromomethane	7.66	93	25841	18.650	ug/l	99
47) Bromodichloromethane	7.90	83	50950	19.503	ug/l	99
48) Methyl methacrylate	7.77	41	59943	20.172	ug/l	98
49) 1,4-Dioxane	7.74	88	22911	411.570	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	391906	103.633	ug/l	100
52) Toluene	8.78	92	99092	20.082	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58161	19.875	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	64153	19.185	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38395	19.384	ug/l	99
56) Ethyl methacrylate	9.18	69	72252	20.161	ug/l	100
57) 1,3-Dichloropropane	9.37	76	69020	19.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	174462	95.337	ug/l	99
59) 2-Hexanone	9.49	43	306378	104.249	ug/l	100
60) Dibromochloromethane	9.58	129	36194	19.392	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39699	19.253	ug/l	99
64) Tetrachloroethene	9.34	164	35308	21.065	ug/l	99
65) Chlorobenzene	10.14	112	98967	19.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35089	19.945	ug/l	99
67) Ethyl Benzene	10.25	91	186807	19.977	ug/l	99
68) m/p-Xylenes	10.36	106	134947	40.137	ug/l	99
69) o-Xylene	10.70	106	65487	20.098	ug/l	99
70) Styrene	10.71	104	113960	20.290	ug/l	99
71) Bromoform	10.85	173	26955	20.061	ug/l #	99
73) Isopropylbenzene	11.02	105	175480	19.785	ug/l	99
74) N-amyl acetate	10.90	43	104417	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64523	19.129	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74797	25.441	ug/l	83
77) Bromobenzene	11.26	156	42699	20.026	ug/l	96
78) n-propylbenzene	11.36	91	200924	19.456	ug/l	99
79) 2-Chlorotoluene	11.42	91	121488	19.440	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	146148	19.631	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20382	19.110	ug/l	92
82) 4-Chlorotoluene	11.51	91	137557	19.016	ug/l	99
83) tert-Butylbenzene	11.77	119	139039	19.412	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	149692	19.857	ug/l	100
85) sec-Butylbenzene	11.94	105	167355	19.671	ug/l	99
86) p-Isopropyltoluene	12.06	119	153388	20.087	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75372	19.746	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73470	19.008	ug/l	99
89) n-Butylbenzene	12.38	91	138687	19.366	ug/l	99
90) Hexachloroethane	12.60	117	23597	18.631	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	74753	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14315	19.292	ug/l	100

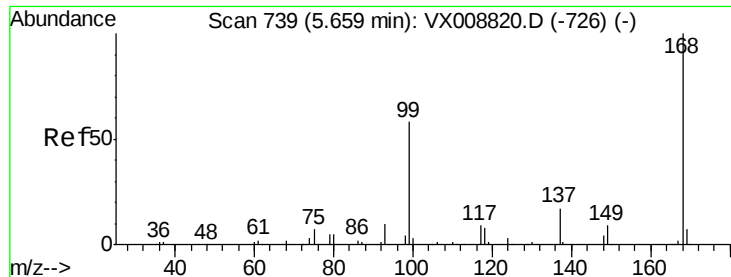
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041219\
Data File : VX008877.D
Acq On : 12 Apr 2019 11:37
Operator : JC/SP
Sample : VX0412WBS01
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ClientSampleId :
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Quant Time: Apr 13 04:56:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52670	19.988	ug/l	99
94) Hexachlorobutadiene	13.78	225	26505	20.974	ug/l	99
95) Naphthalene	13.83	128	173233	19.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52209	19.831	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

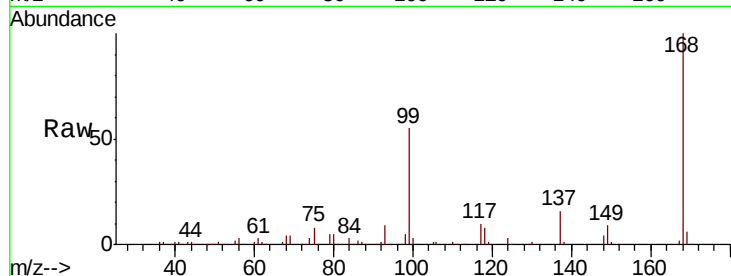
VX0412WBS01

Tot Ion:168 Resp: 158089

Ion Ratio Lower Upper

168 100

99 55.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

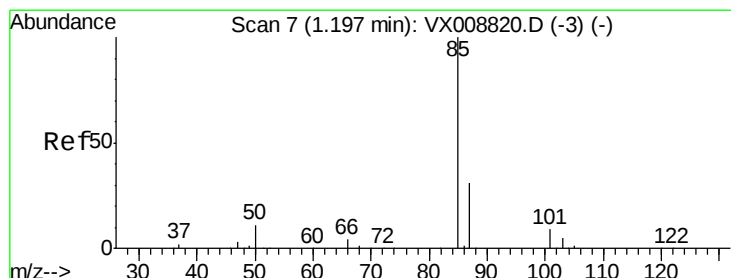
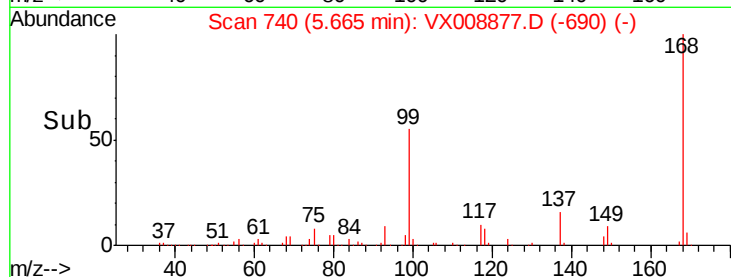
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.973 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008877.D

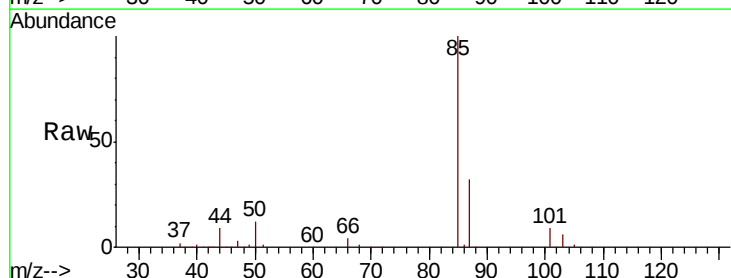
Acq: 12 Apr 2019 11:37

Tgt Ion: 85 Resp: 41804

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

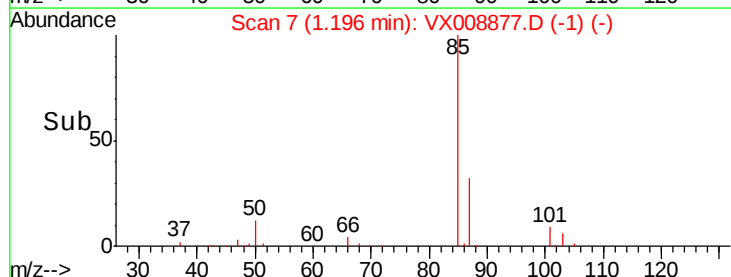
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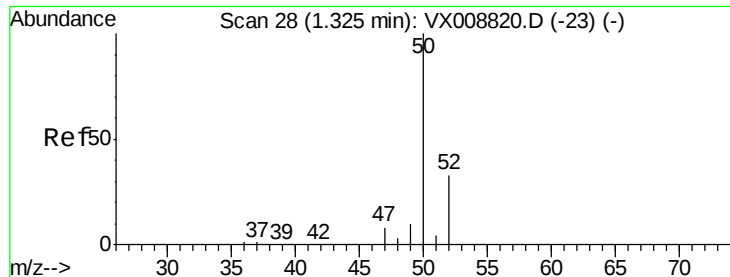
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 22.373 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

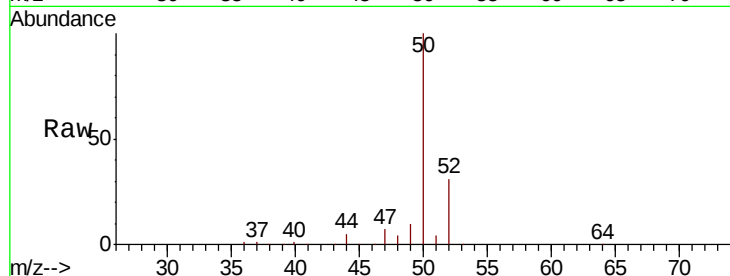
VX0412WBS01

Tot Ion: 50 Resp: 51977

Ion Ratio Lower Upper

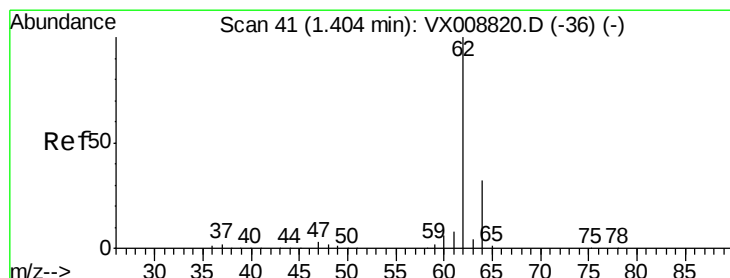
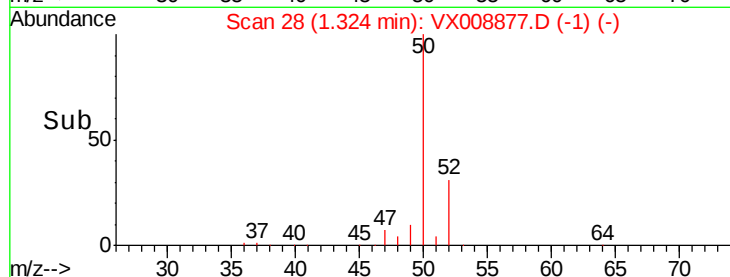
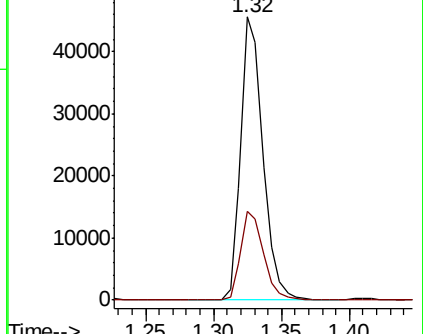
50 100

52 31.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.015 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008877.D

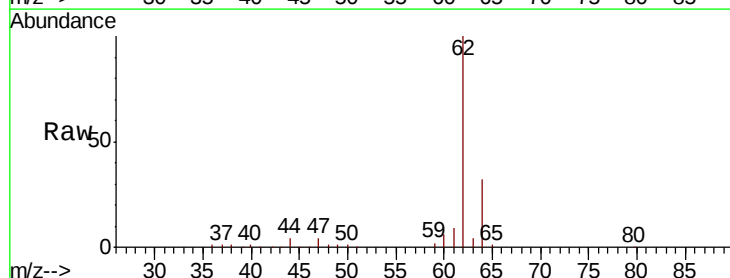
Acq: 12 Apr 2019 11:37

Tgt Ion: 62 Resp: 46775

Ion Ratio Lower Upper

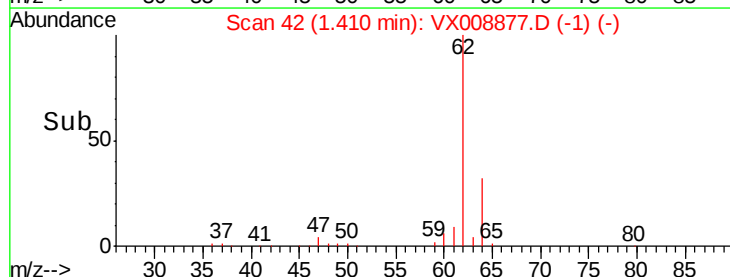
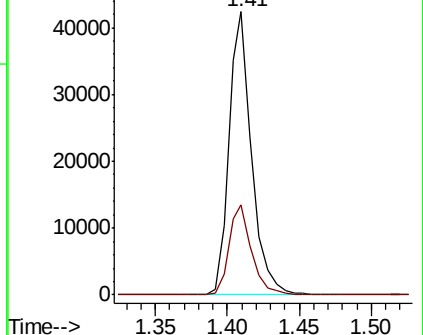
62 100

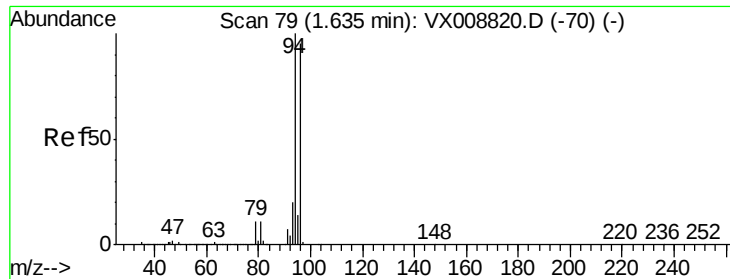
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.705 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

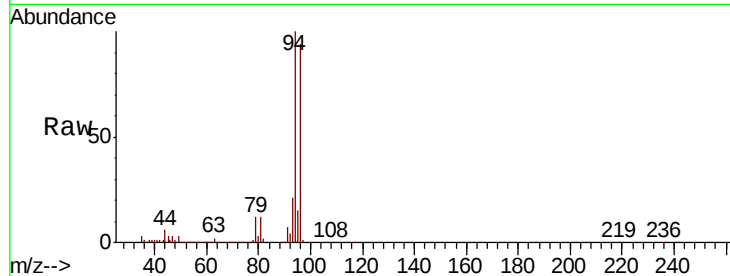
VX0412WBS01

Tot Ion: 94 Resp: 27477

Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

10000

5000

0

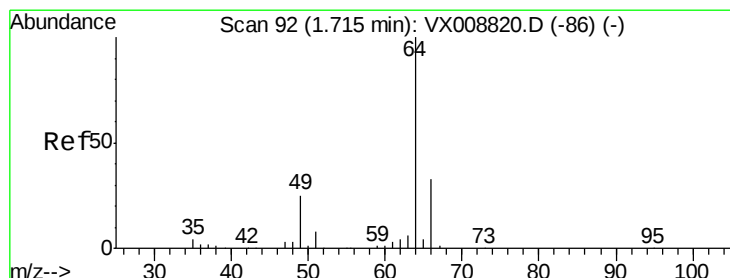
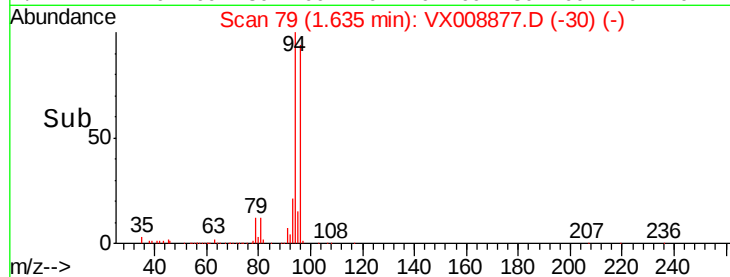
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 18.814 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008877.D

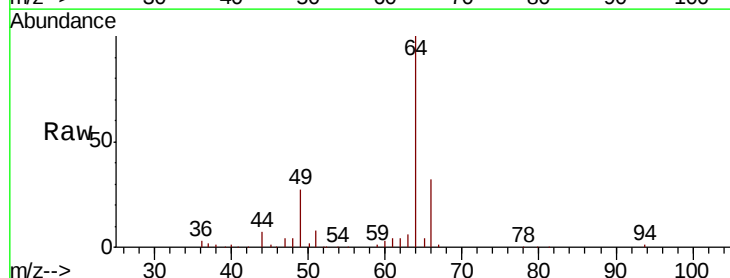
Acq: 12 Apr 2019 11:37

Tgt Ion: 64 Resp: 27813

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

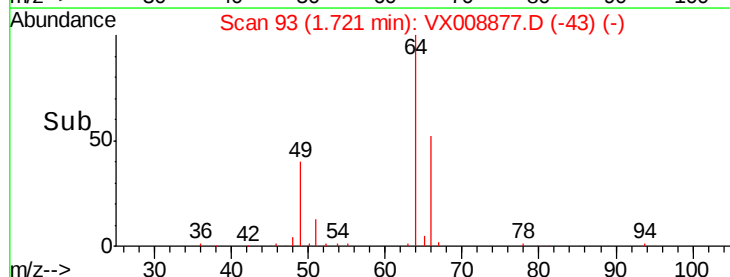
5000

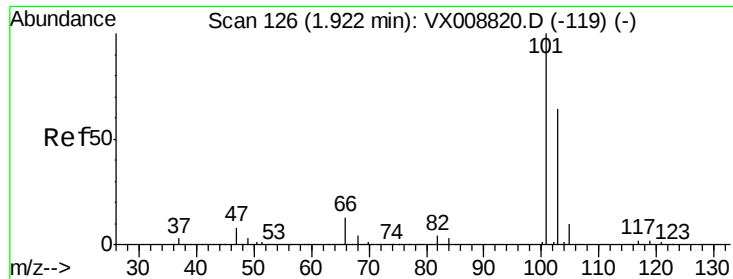
0

Time-->

1.70

1.80



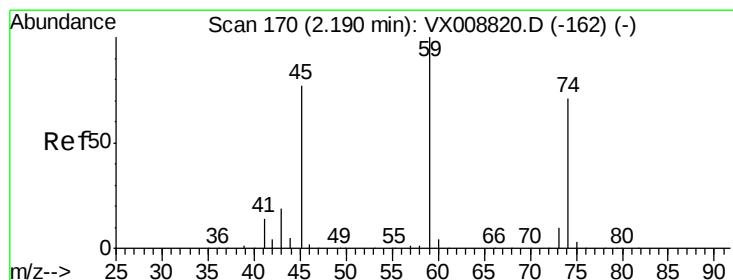
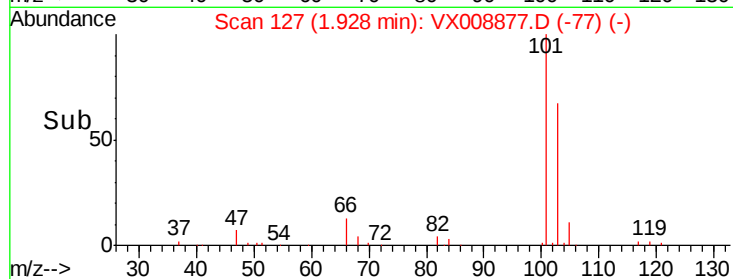
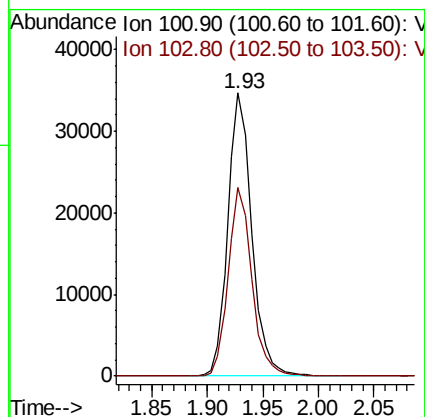
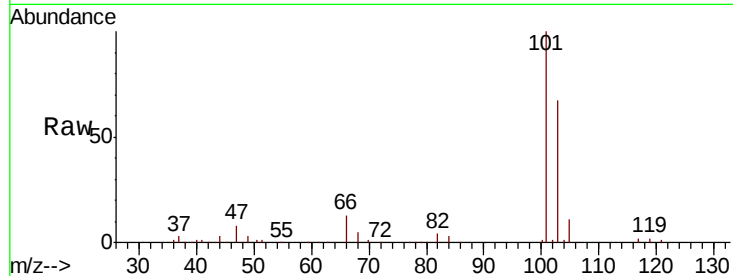


#7

Trichlorofluoromethane
 Concen: 19.032 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

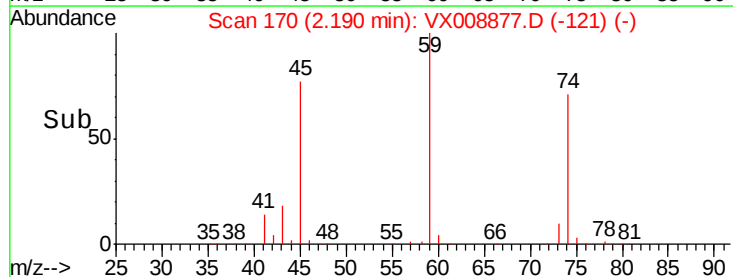
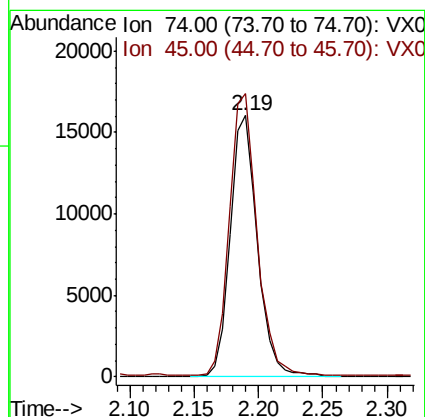
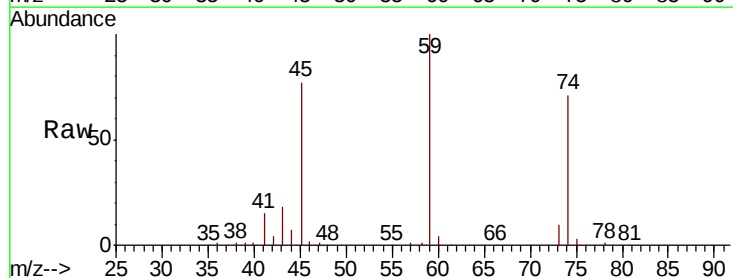
Tot Ion:101 Resp: 51754
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.3 78.5

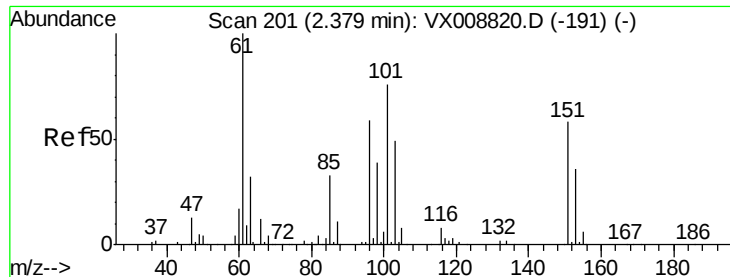


#8

Diethyl Ether
 Concen: 18.459 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 74 Resp: 23804
 Ion Ratio Lower Upper
 74 100
 45 109.6 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.752 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

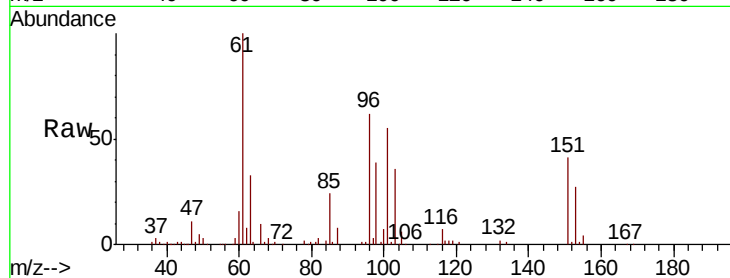
Tot Ion:101 Resp: 32830

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

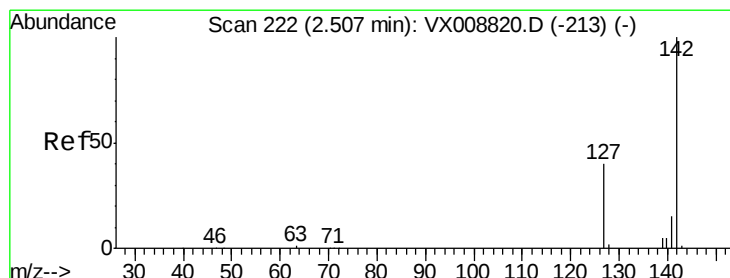
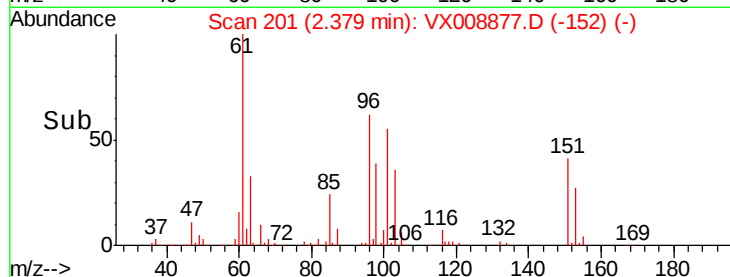
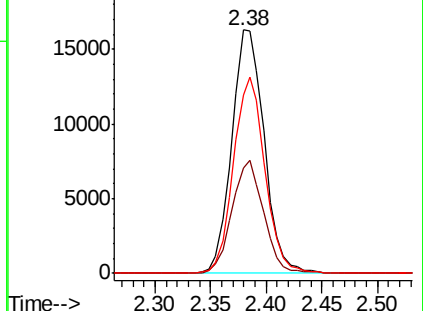
151 78.3 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.203 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

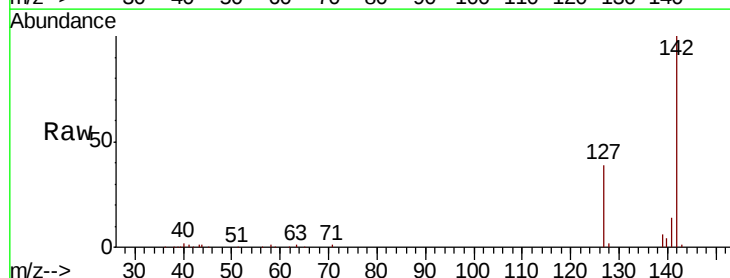
Tgt Ion:142 Resp: 35012

Ion Ratio Lower Upper

142 100

127 41.0 33.0 49.6

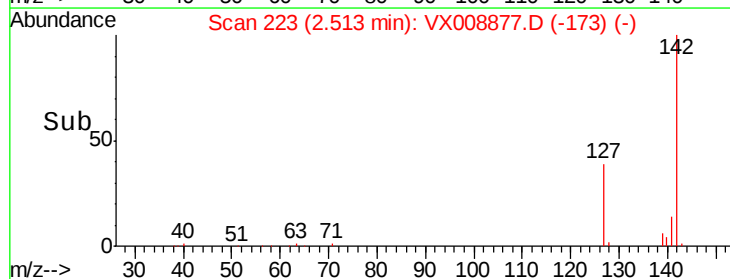
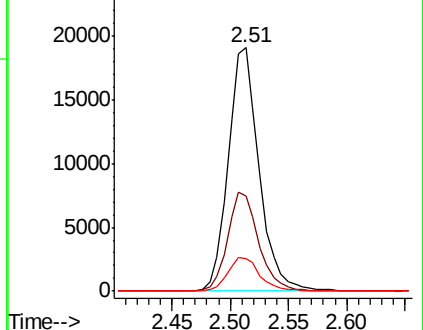
141 14.3 11.4 17.2

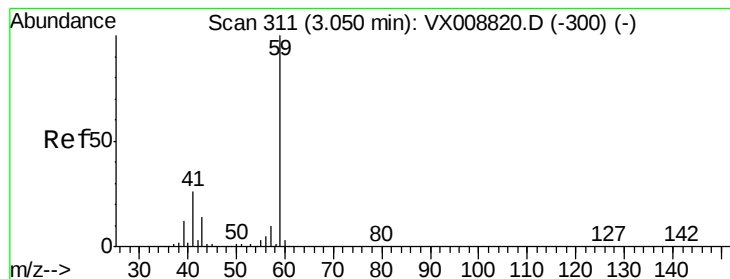


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



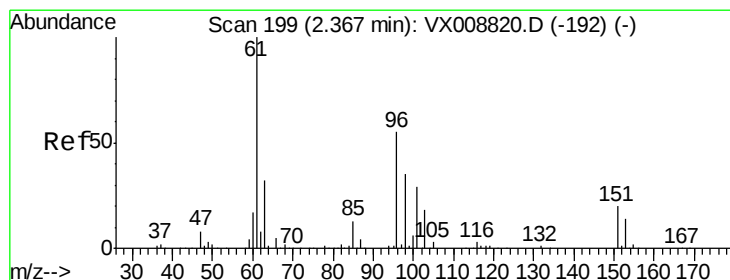
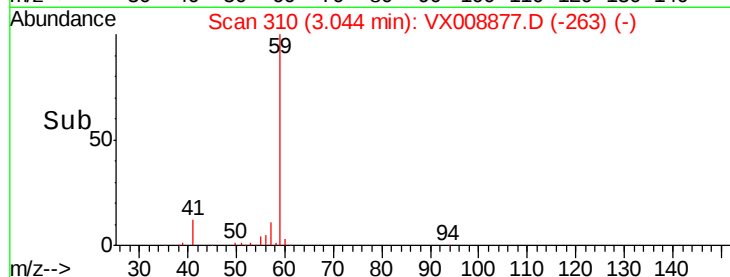
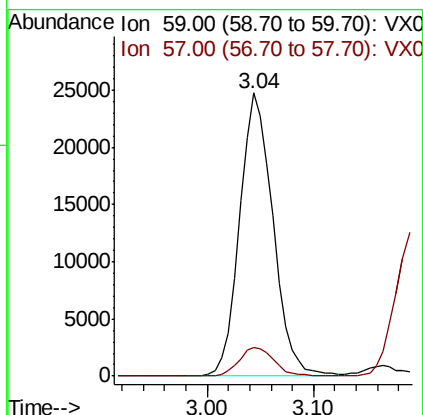
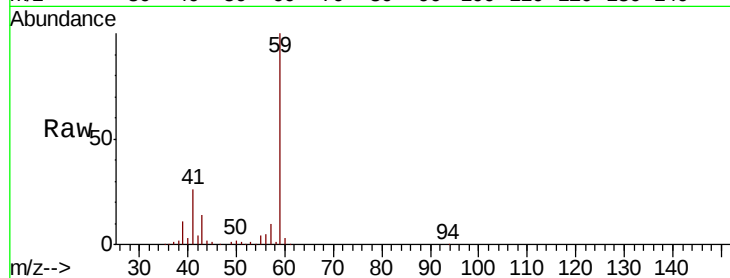


#11

Tert butyl alcohol
 Concen: 101.158 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS01

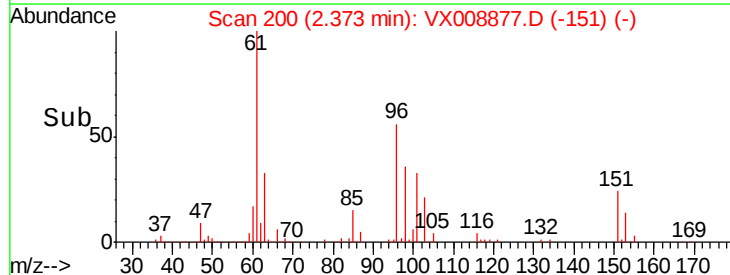
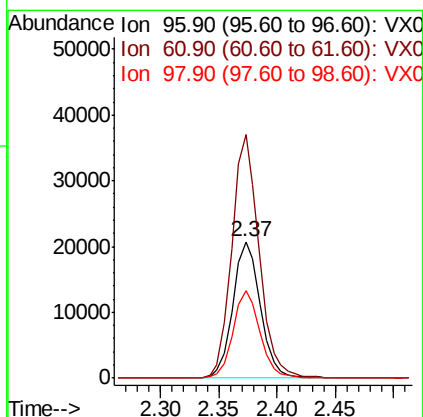
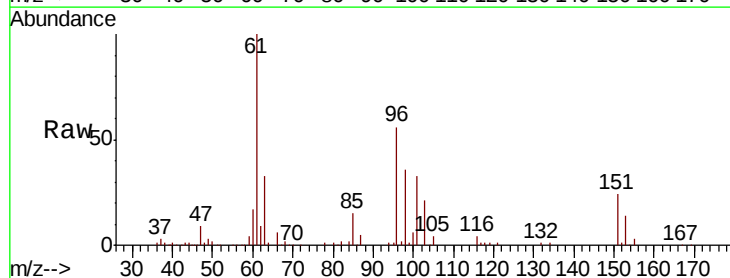
Tot Ion: 59 Resp: 54607
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

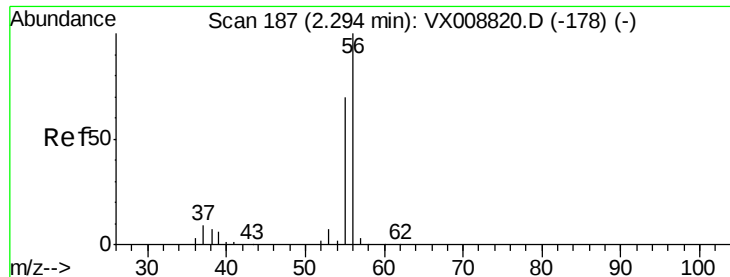


#12

1,1-Dichloroethene
 Concen: 18.722 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 96 Resp: 34217
 Ion Ratio Lower Upper
 96 100
 61 178.1 140.9 211.3
 98 64.3 52.1 78.1





#13

Acrolein

Concen: 94.070 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

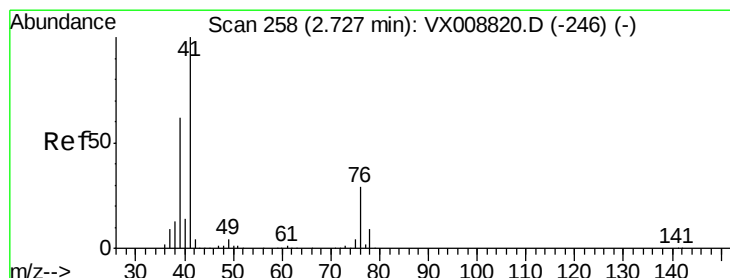
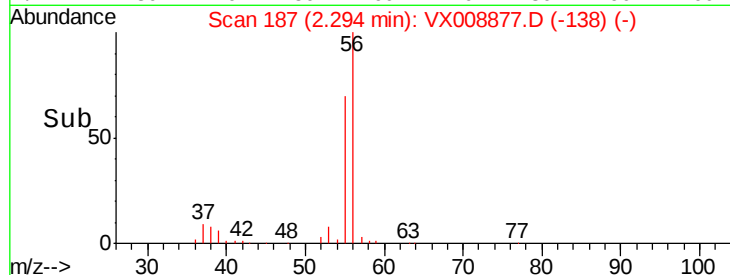
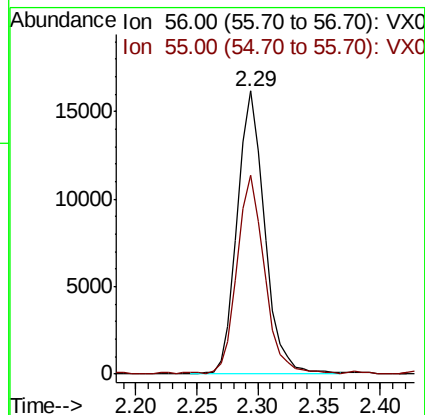
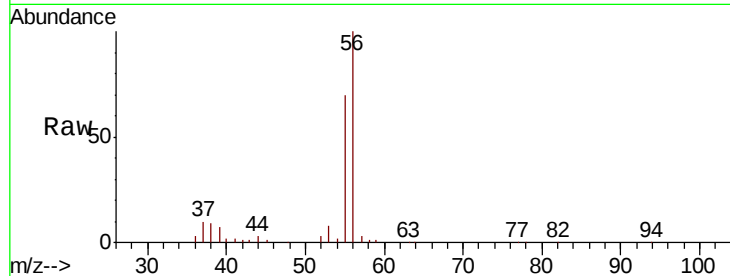
VX0412WBS01

Tot Ion: 56 Resp: 25180

Ion Ratio Lower Upper

56 100

55 70.9 58.0 87.0



#14

Allyl chloride

Concen: 19.072 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

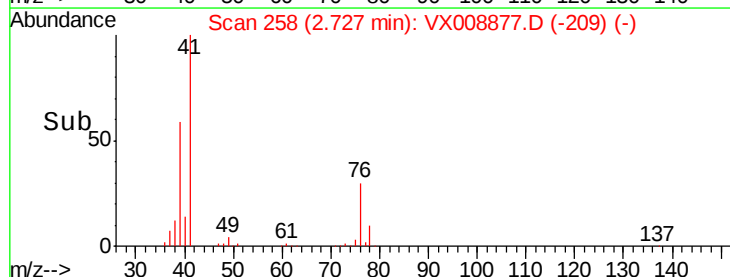
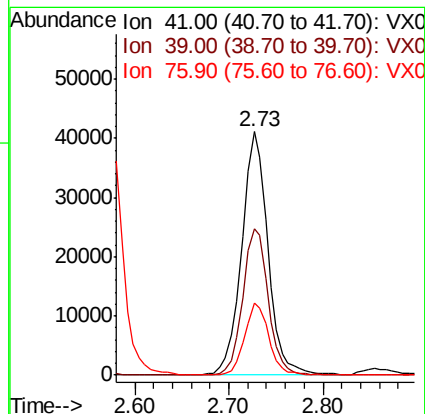
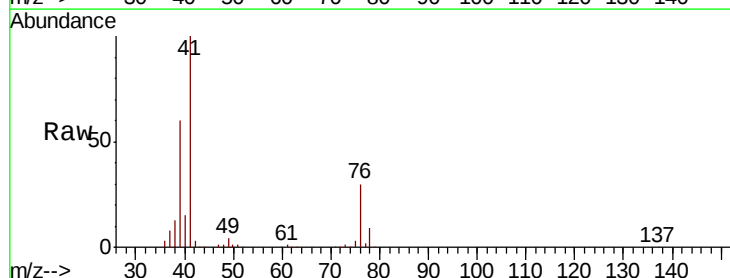
Tgt Ion: 41 Resp: 79796

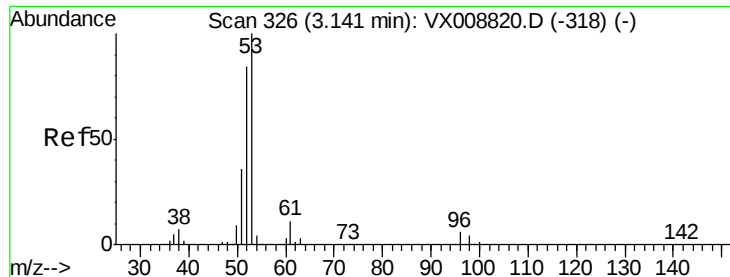
Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 95.011 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

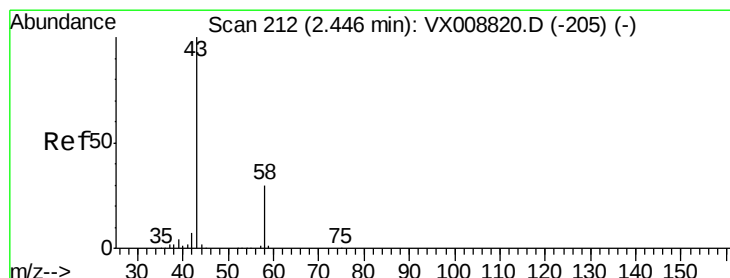
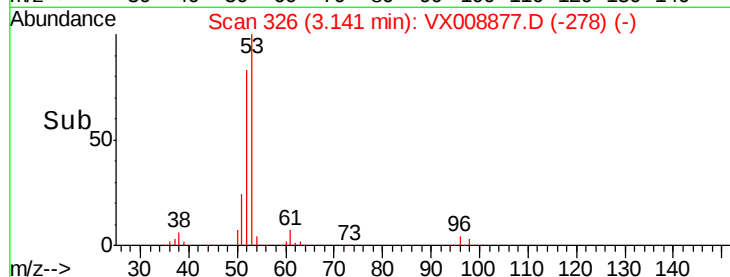
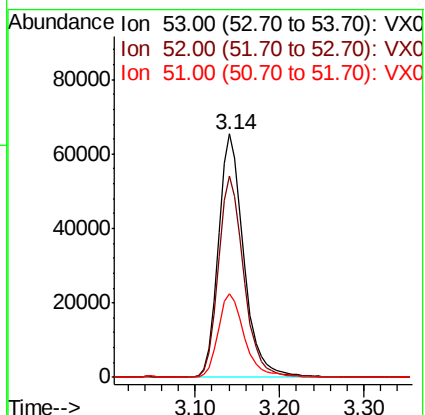
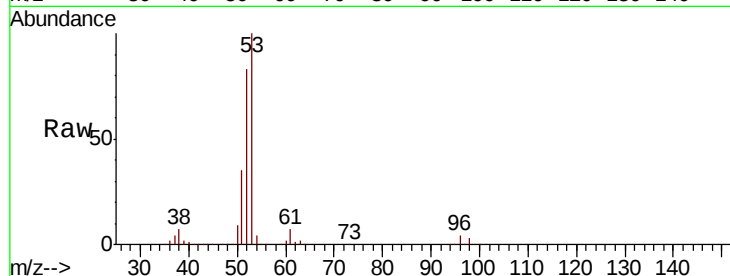
Tot Ion: 53 Resp: 135873

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.5 28.6 42.8



#16

Acetone

Concen: 91.231 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008877.D

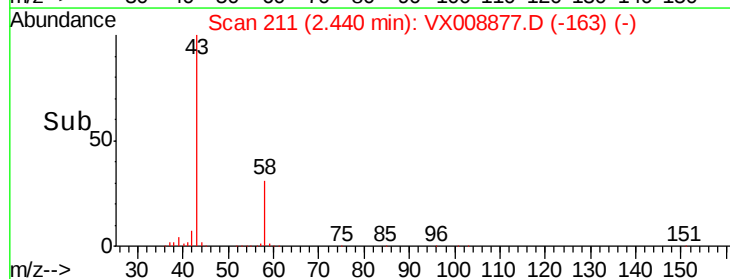
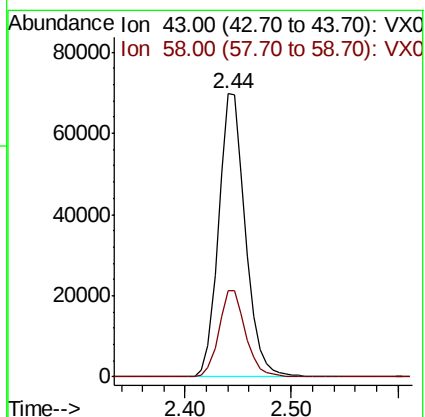
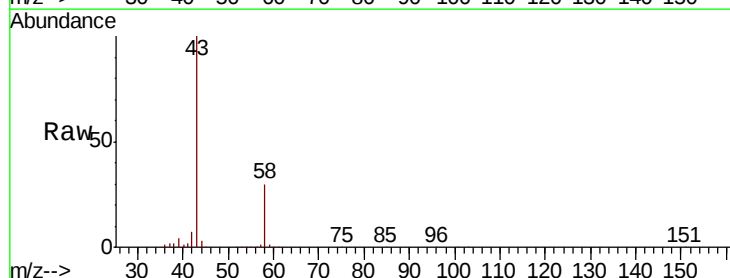
Acq: 12 Apr 2019 11:37

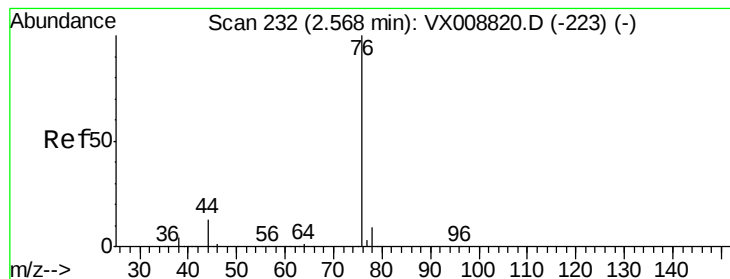
Tgt Ion: 43 Resp: 121163

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2





#17

Carbon Disulfide

Concen: 18.488 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

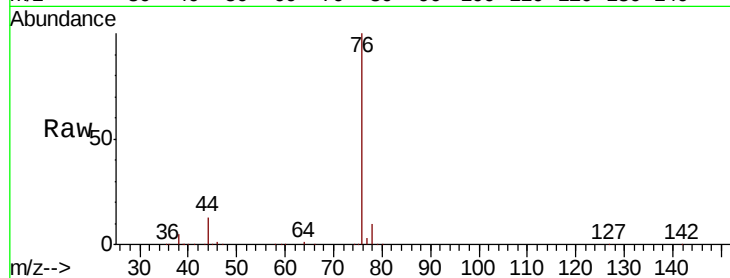
VX0412WBS01

Tot Ion: 76 Resp: 100034

Ion Ratio Lower Upper

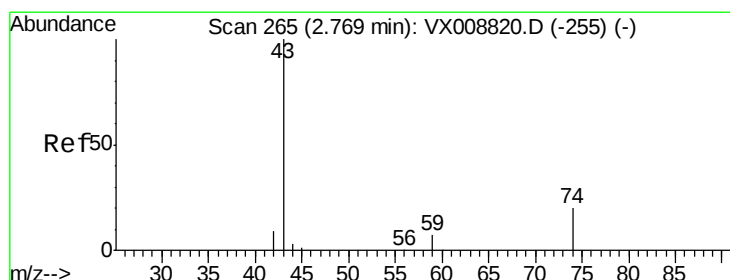
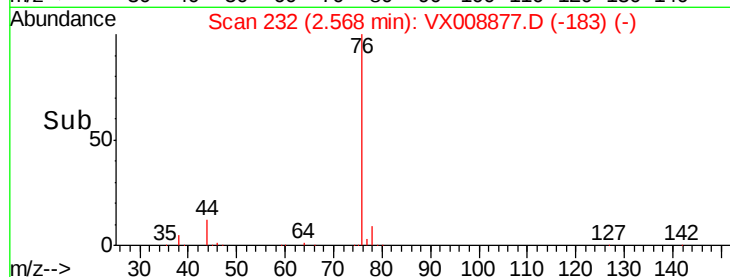
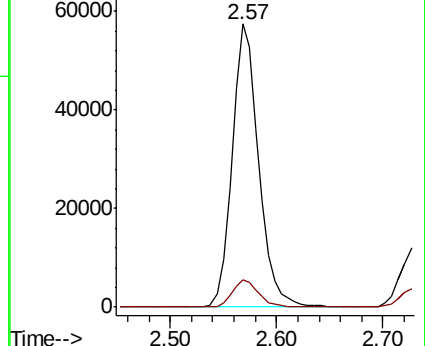
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.525 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008877.D

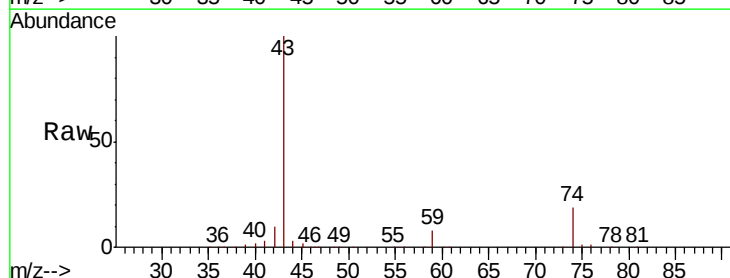
Acq: 12 Apr 2019 11:37

Tgt Ion: 43 Resp: 59668

Ion Ratio Lower Upper

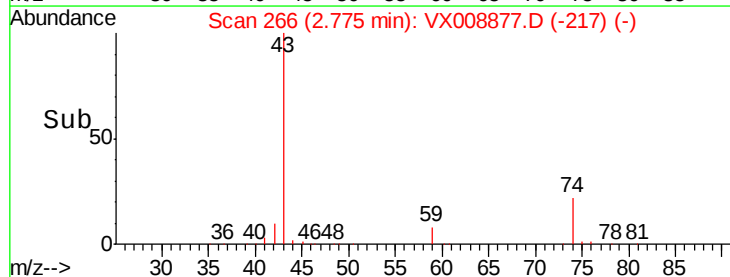
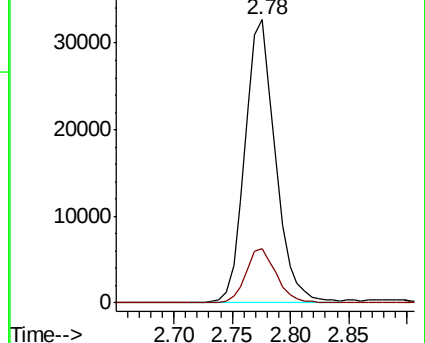
43 100

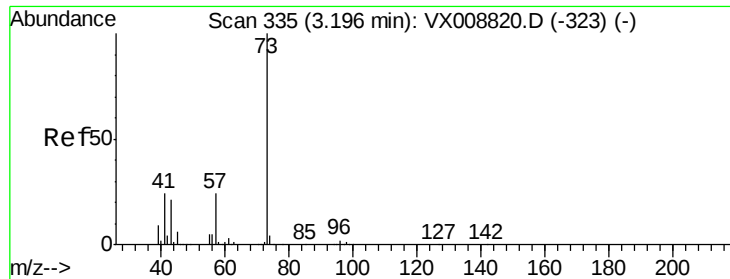
74 19.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

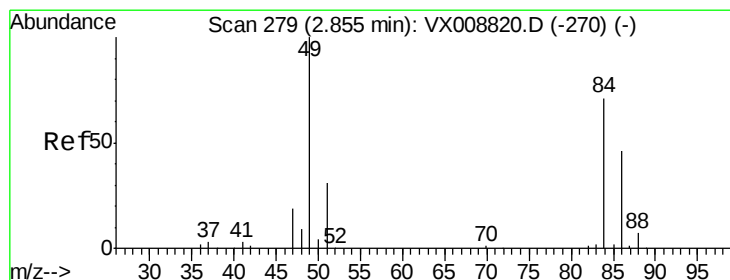
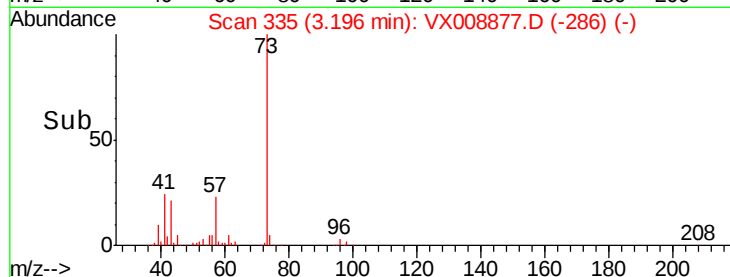
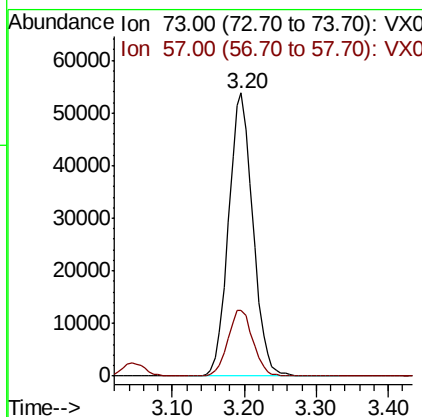
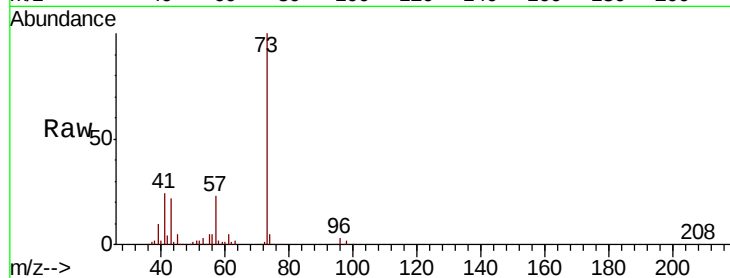




#19
Methyl tert-butyl Ether
Concen: 19.375 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

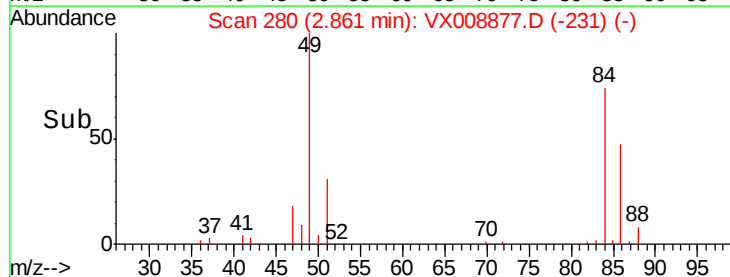
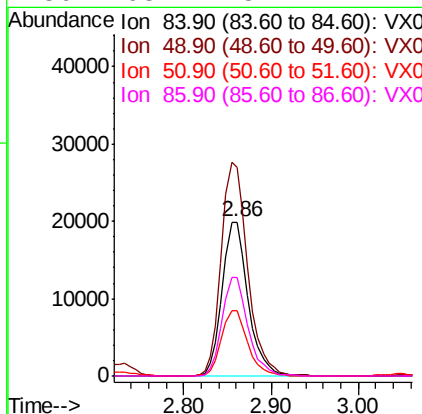
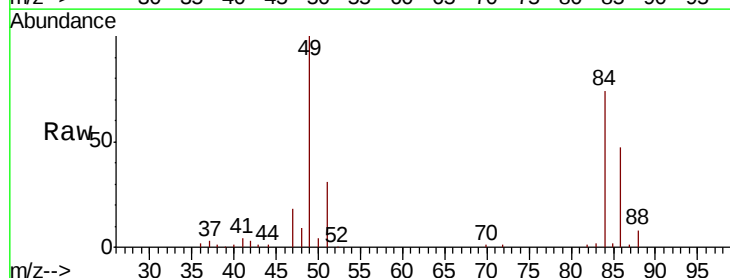
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

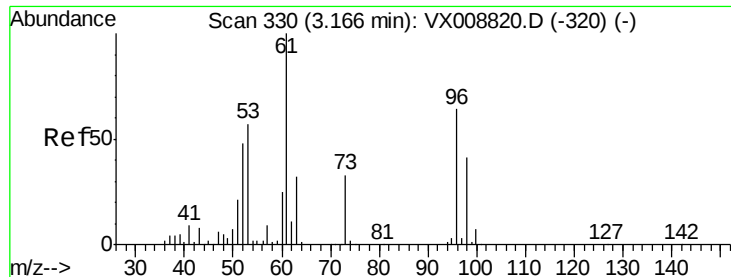
Tot Ion: 73 Resp: 126461
Ion Ratio Lower Upper
73 100
57 23.3 19.5 29.3



#20
Methylene Chloride
Concen: 18.544 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 84 Resp: 41224
Ion Ratio Lower Upper
84 100
49 135.6 109.7 164.5
51 42.5 33.6 50.4
86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.245 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

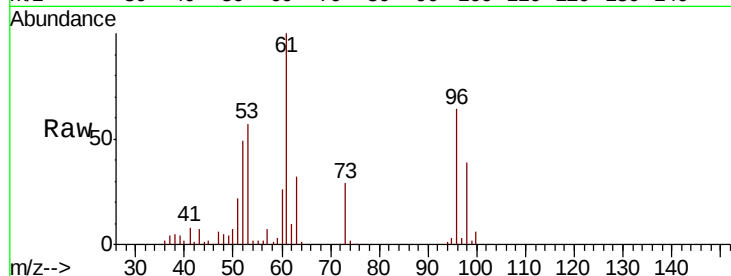
Tot Ion: 96 Resp: 36068

Ion Ratio Lower Upper

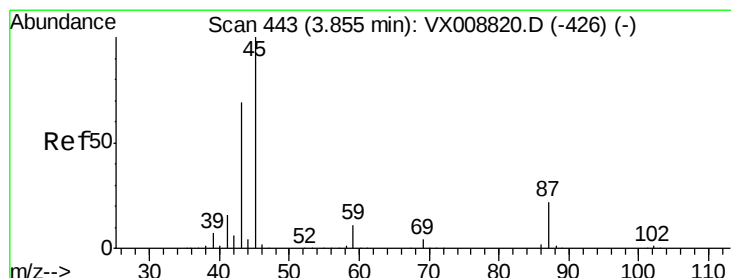
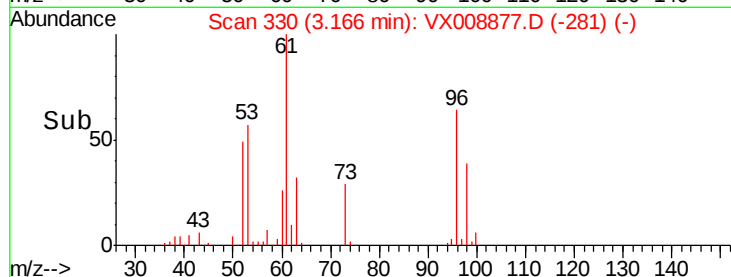
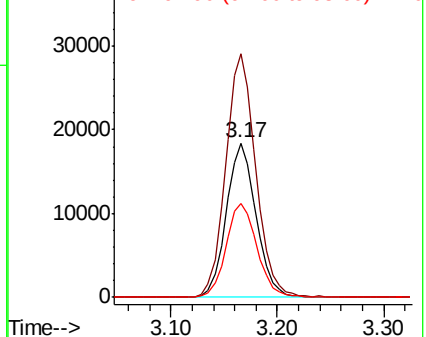
96 100

61 157.5 132.1 198.1

98 61.1 52.2 78.2



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



#22

Diisopropyl ether

Concen: 19.369 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion: 45 Resp: 156192

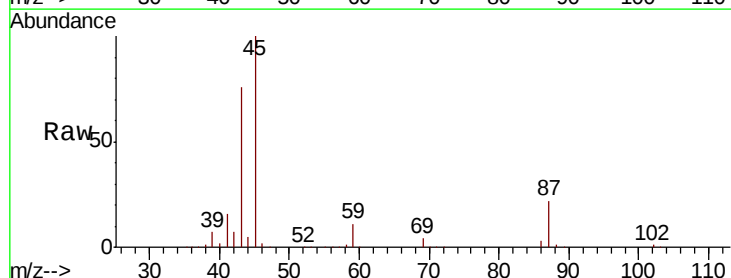
Ion Ratio Lower Upper

45 100

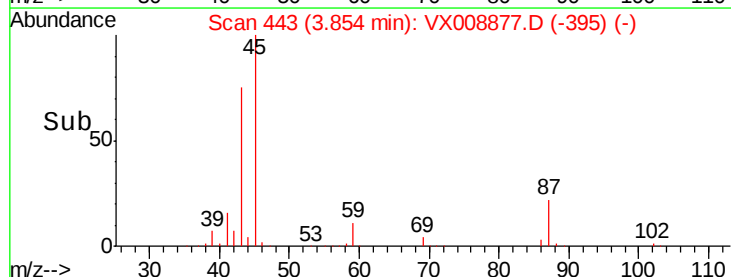
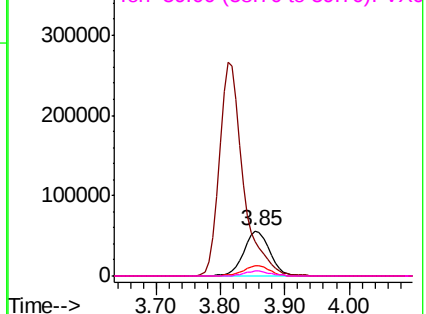
43 75.4 51.3 76.9

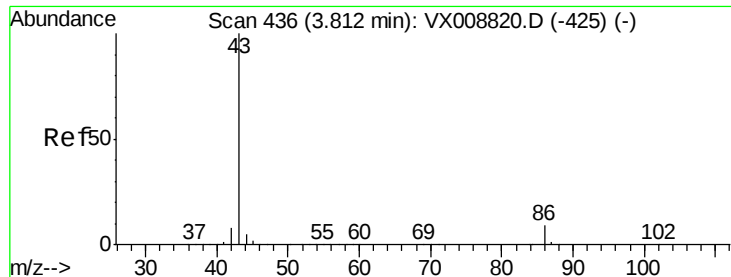
87 21.6 18.1 27.1

59 10.6 8.6 13.0



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: 98.527 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

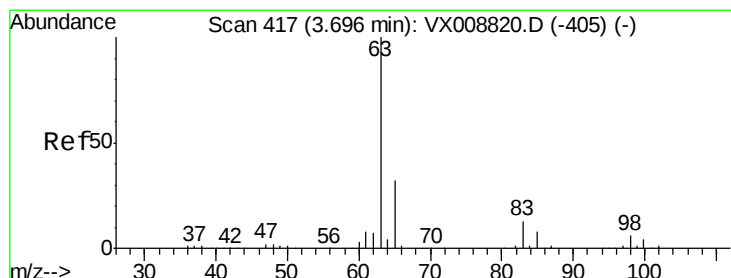
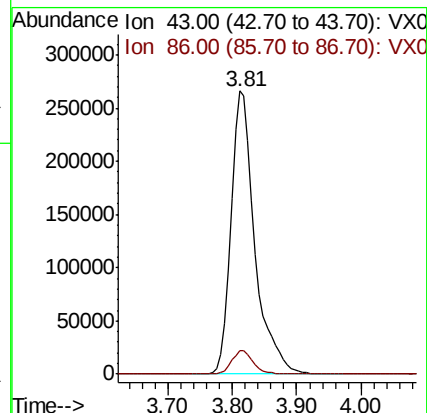
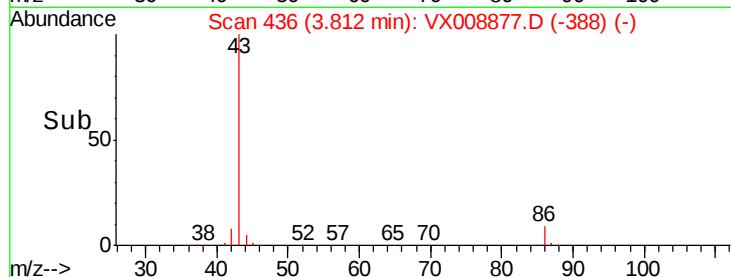
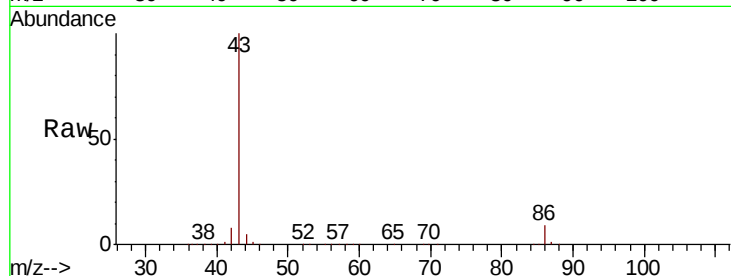
VX0412WBS01

Tot Ion: 43 Resp: 691198

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 19.051 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

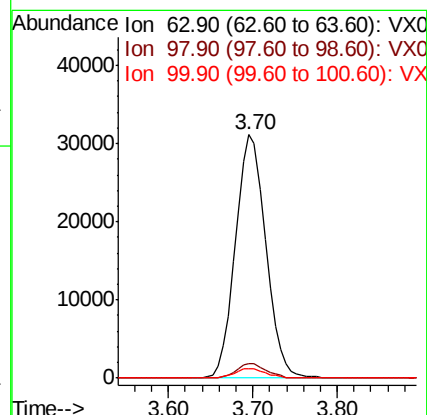
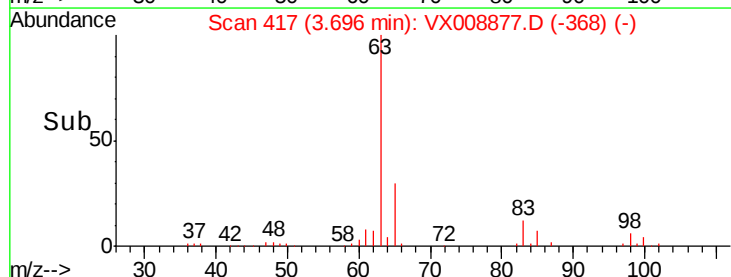
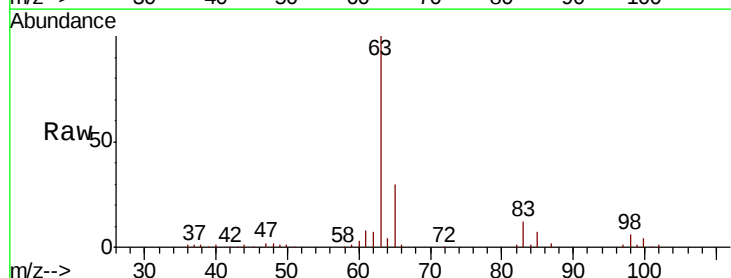
Tgt Ion: 63 Resp: 76066

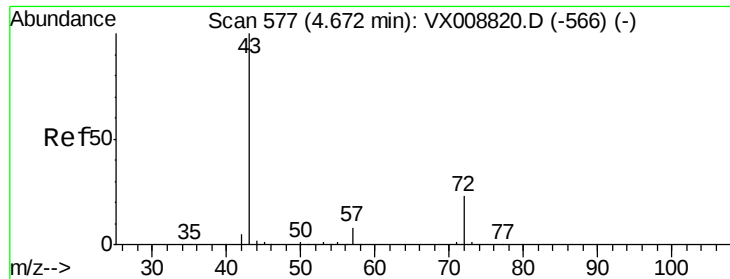
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 96.004 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

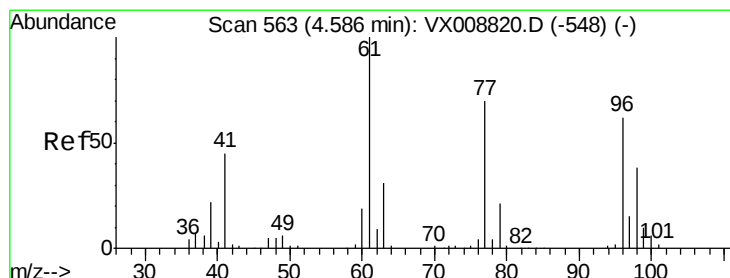
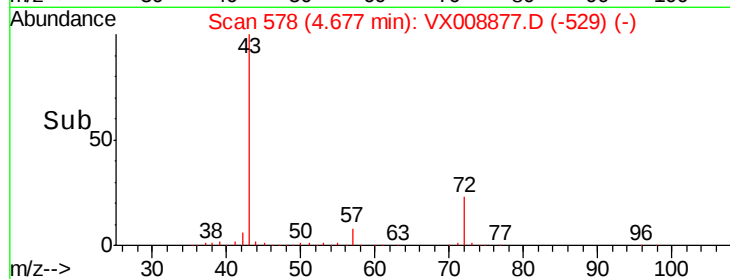
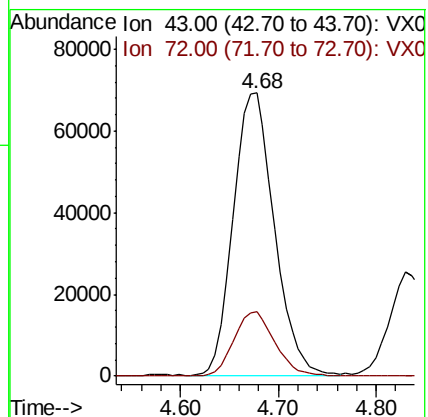
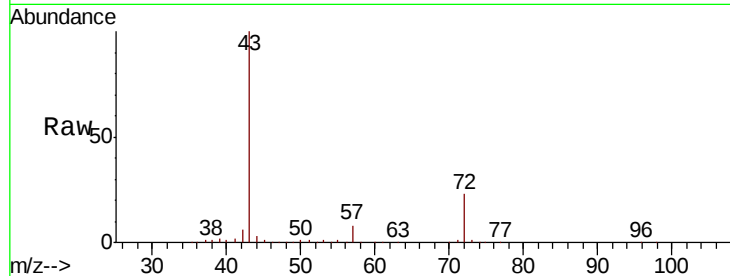
VX0412WBS01

Tot Ion: 43 Resp: 201519

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.4



#26

2,2-Dichloropropane

Concen: 19.276 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008877.D

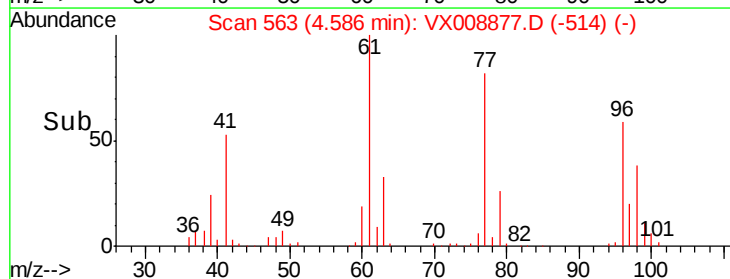
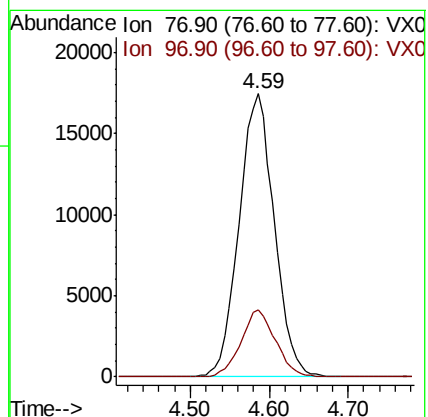
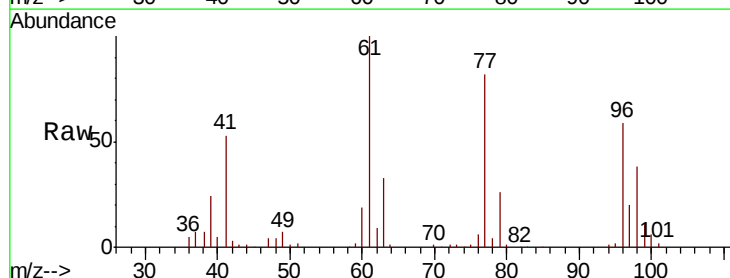
Acq: 12 Apr 2019 11:37

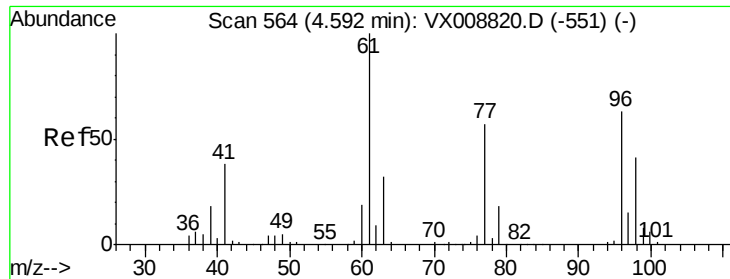
Tgt Ion: 77 Resp: 54206

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



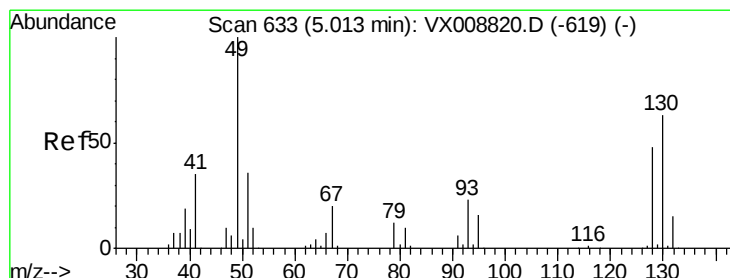
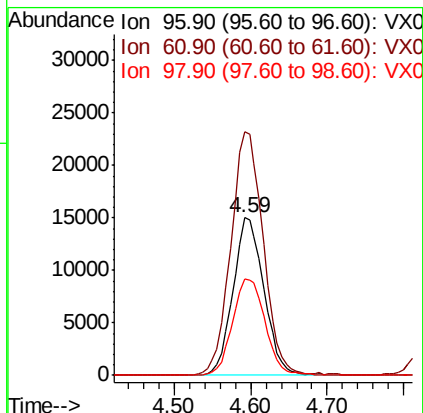
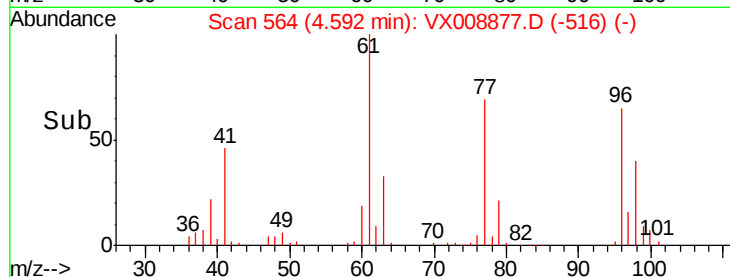
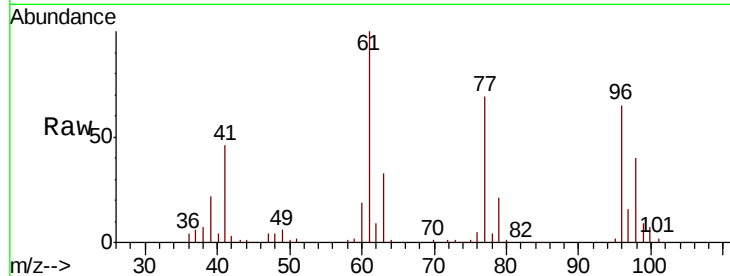


#27

cis-1,2-Dichloroethene
Concen: 18.457 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

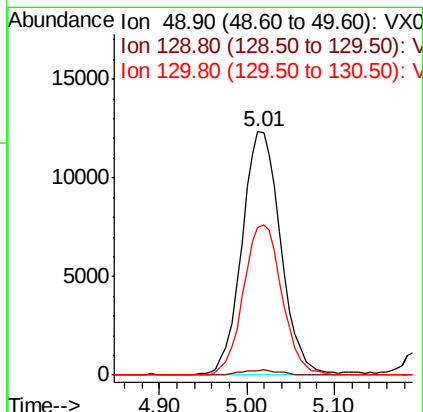
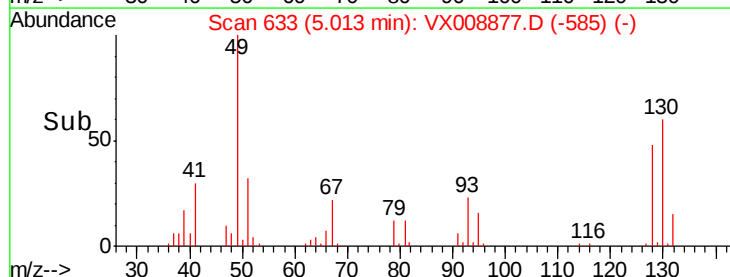
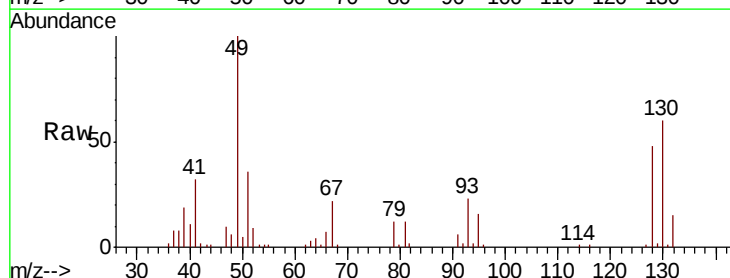
Tot Ion: 96 Resp: 41951
Ion Ratio Lower Upper
96 100
61 162.0 0.0 327.6
98 64.6 0.0 128.6

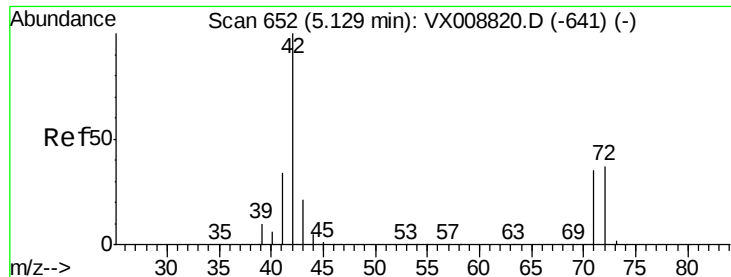


#28

Bromochloromethane
Concen: 21.090 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 49 Resp: 38093
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 61.3 49.3 73.9

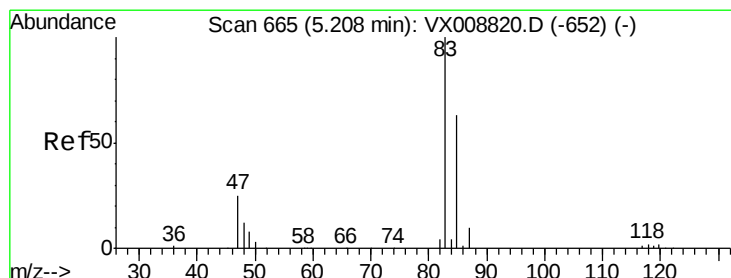
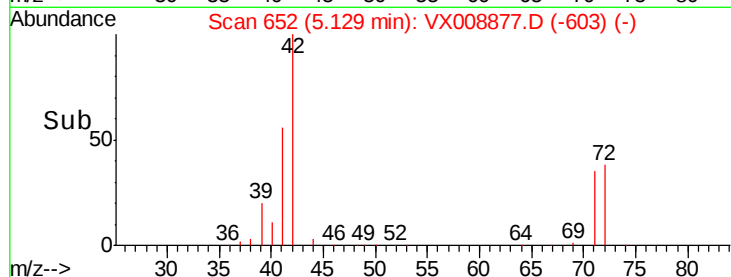
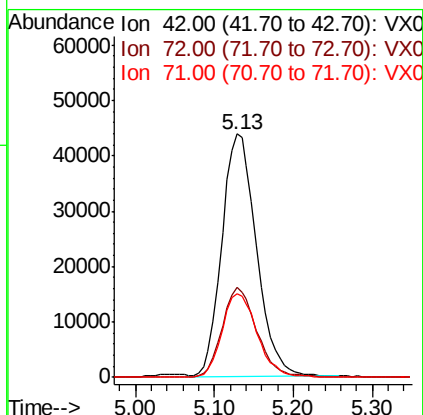
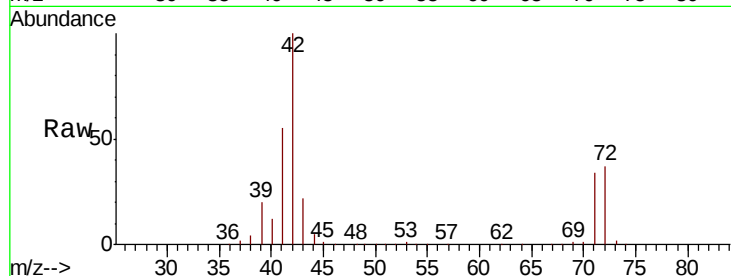




#29
Tetrahydrofuran
Concen: 95.933 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

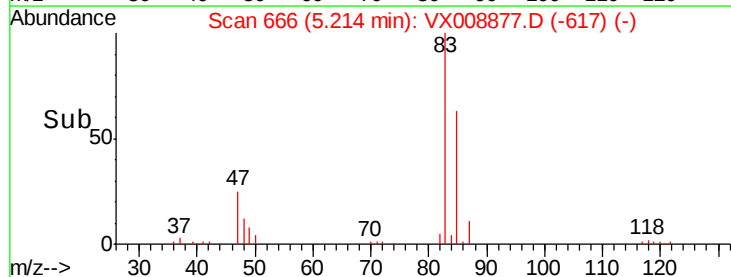
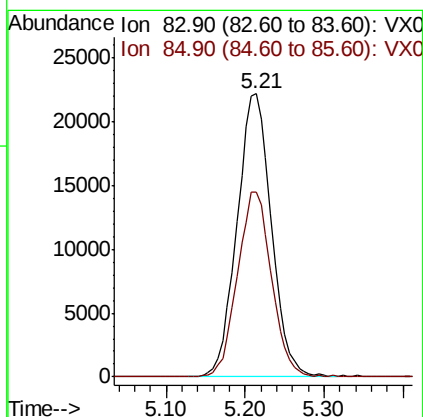
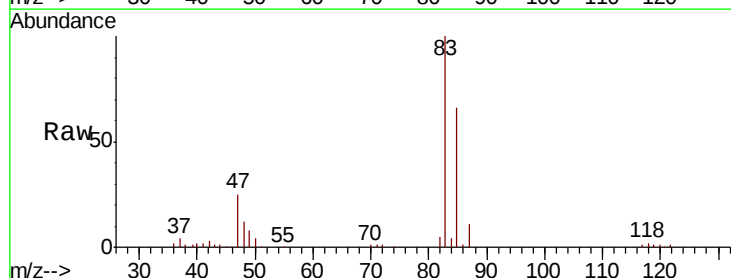
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

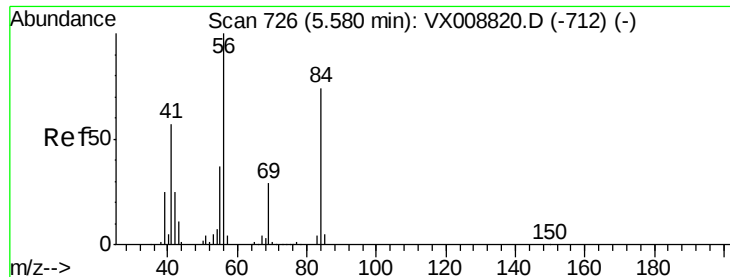
Tot Ion: 42 Resp: 133655
Ion Ratio Lower Upper
42 100
72 37.4 30.5 45.7
71 35.5 28.6 43.0



#30
Chloroform
Concen: 18.844 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 83 Resp: 67201
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1

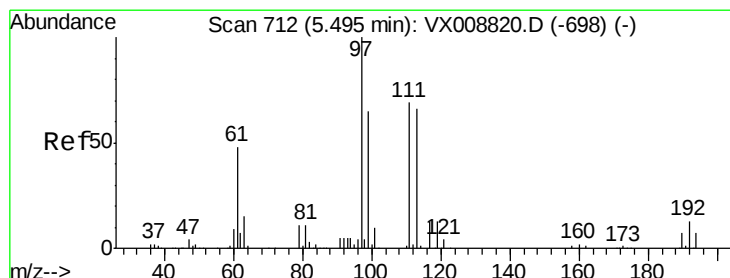
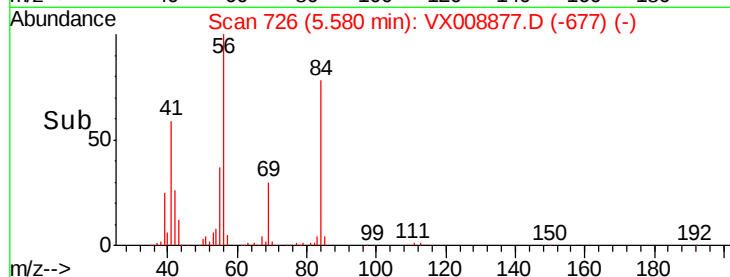
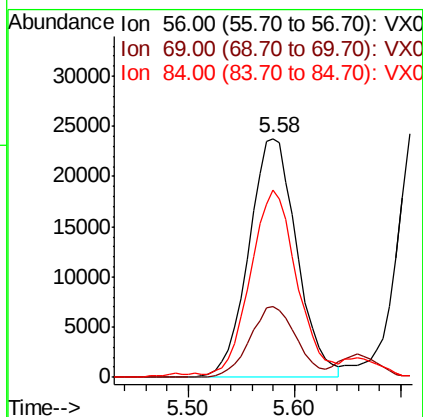
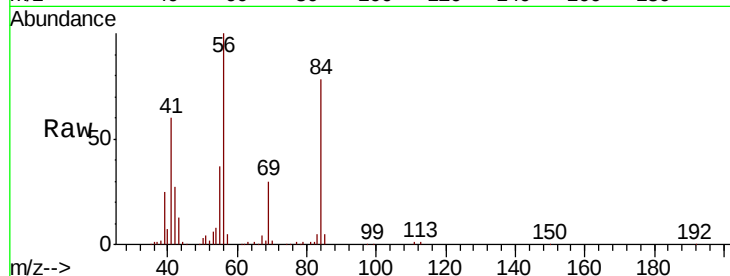




#31
Cyclohexane
Concen: 18.808 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

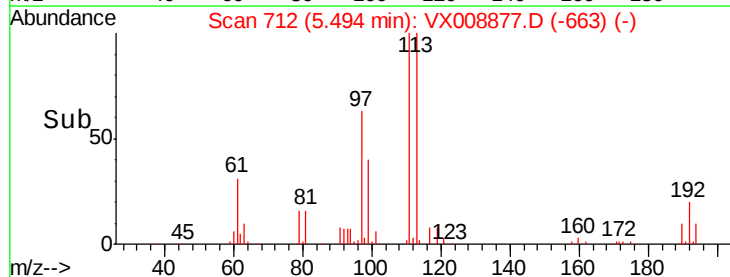
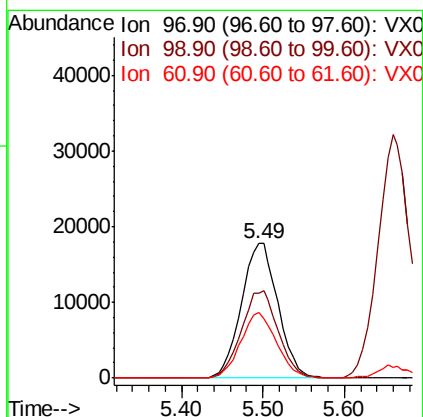
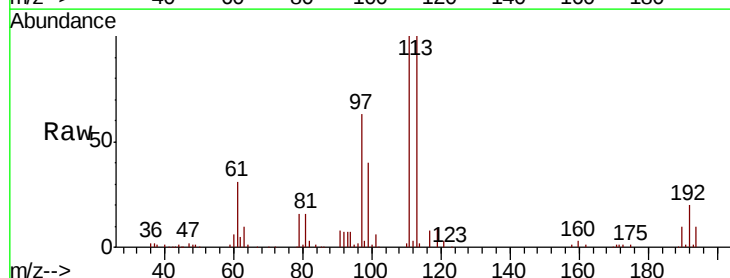
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

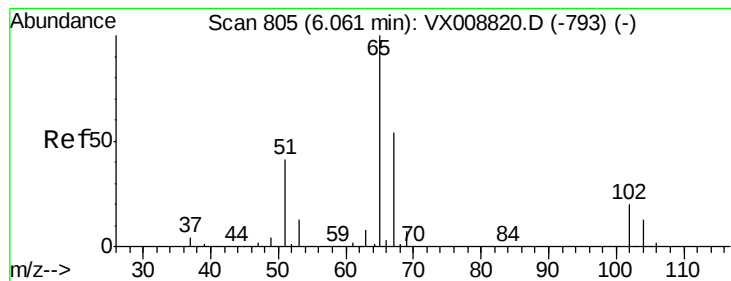
Tot Ion: 56 Resp: 74929
Ion Ratio Lower Upper
56 100
69 29.9 22.6 33.8
84 77.1 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 19.190 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 97 Resp: 55301
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 47.8 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 46.824 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

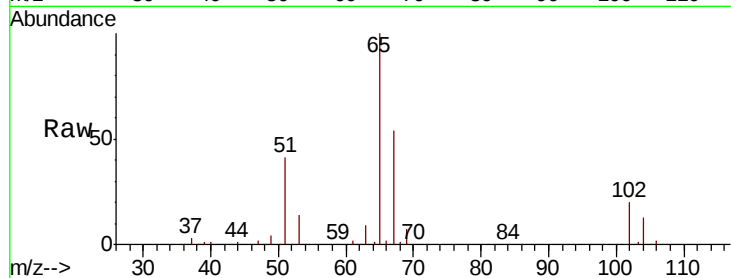
VX0412WBS01

Tot Ion: 65 Resp: 107968

Ion Ratio Lower Upper

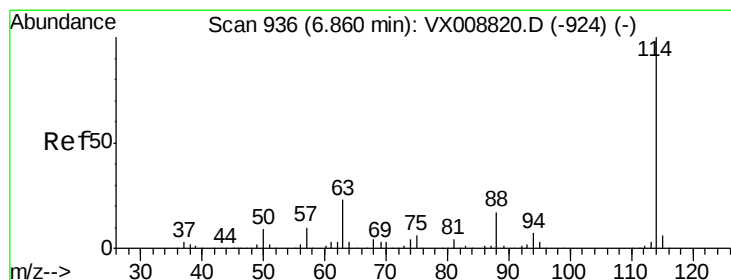
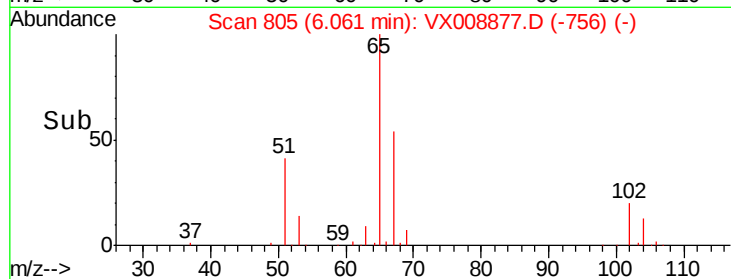
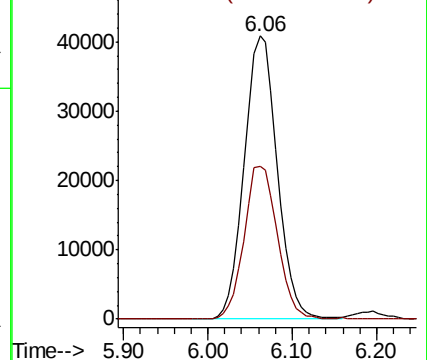
65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

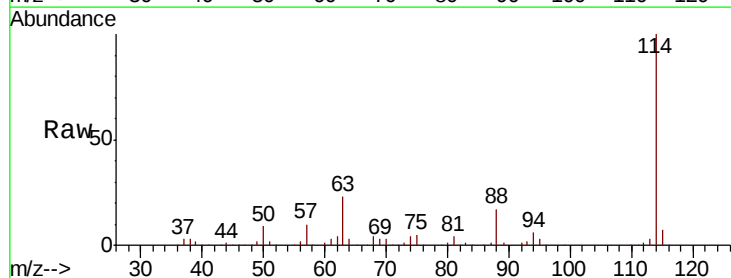
Tgt Ion: 114 Resp: 257022

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

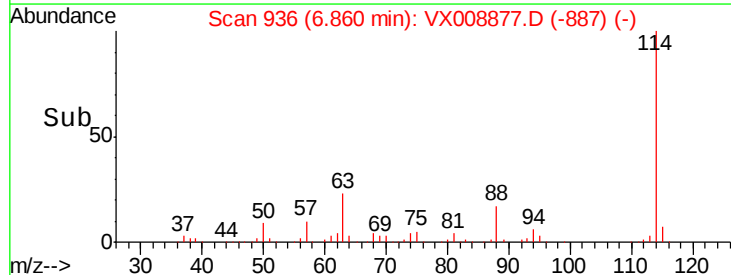
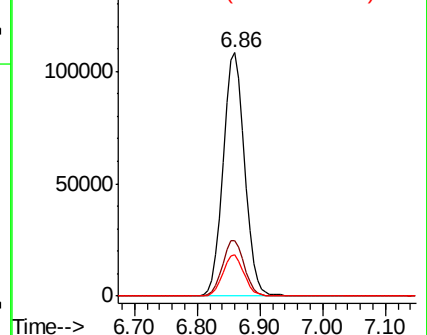
88 16.8 0.0 34.0

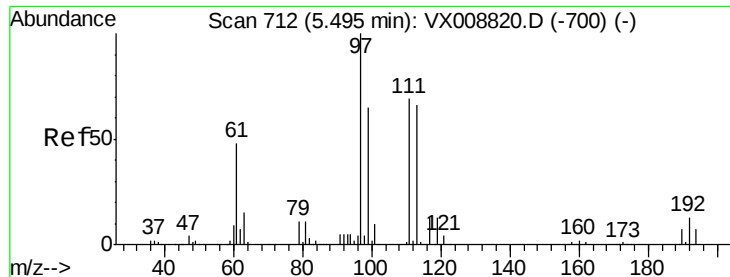


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

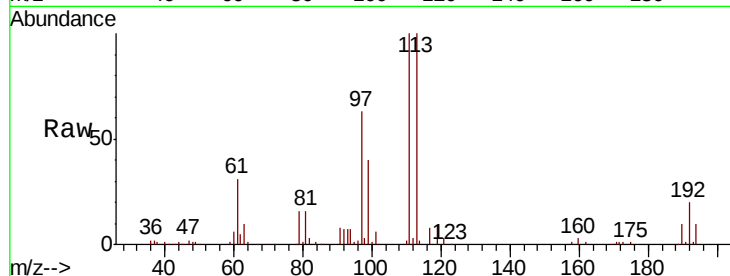




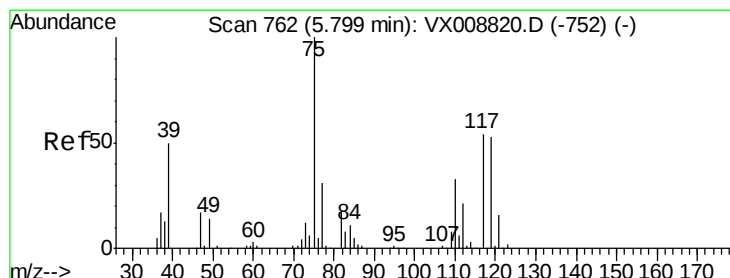
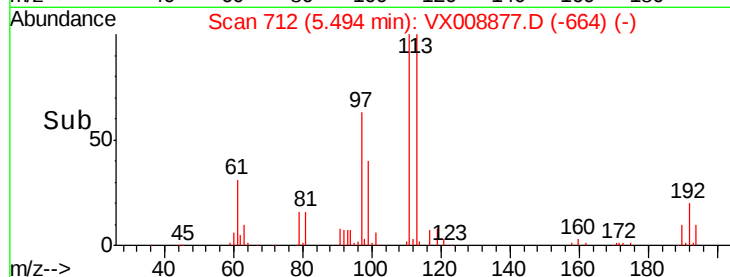
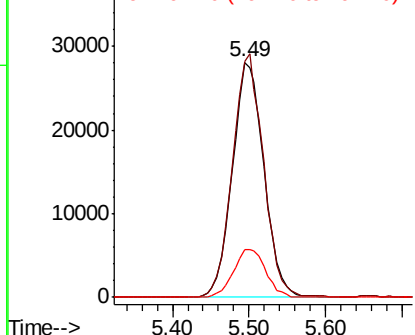
#35
 Dibromofluoromethane
 Concen: 48.736 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion:113 Resp: 80088
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 21.1 16.1 24.1

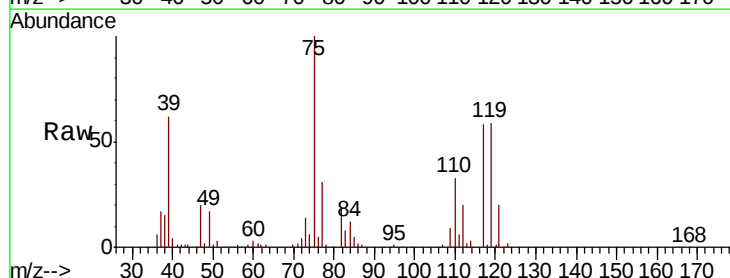


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

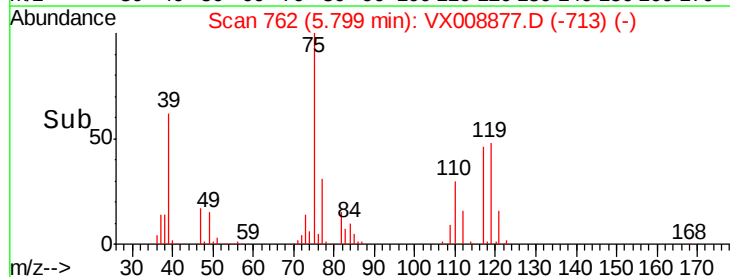
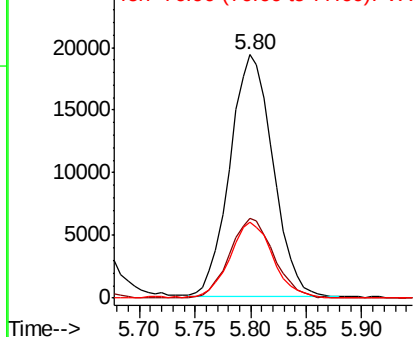


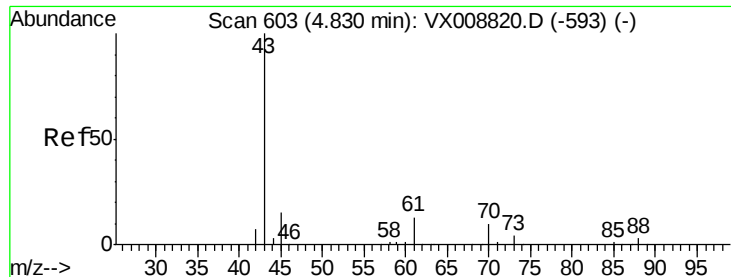
#36
 1,1-Dichloropropene
 Concen: 18.502 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 75 Resp: 51981
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.4 49.2
 77 31.6 24.7 37.1



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: 20.022 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

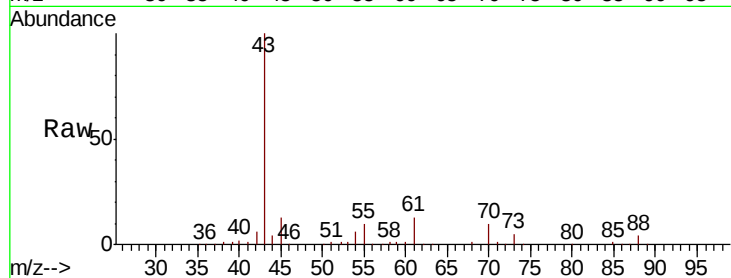
Tot Ion: 43 Resp: 75085

Ion Ratio Lower Upper

43 100

61 13.8 10.3 15.5

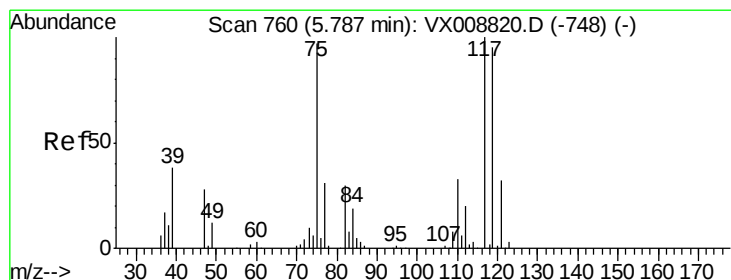
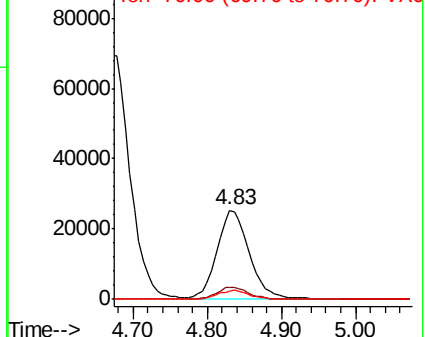
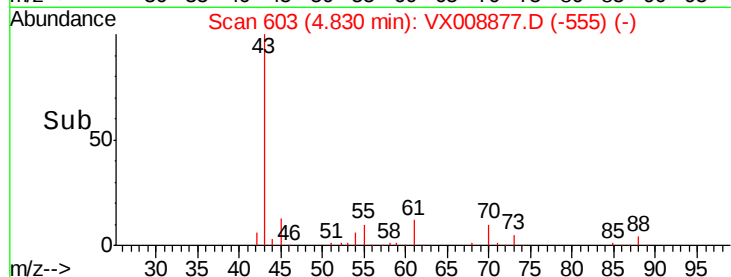
70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.237 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

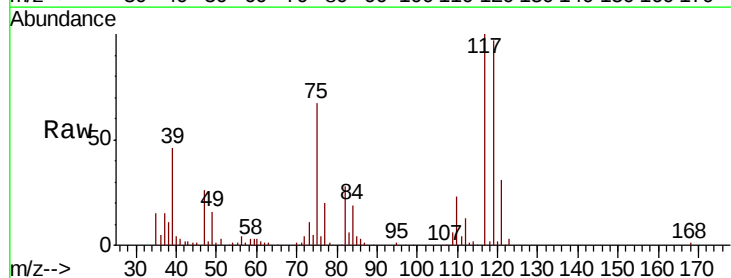
Tgt Ion: 117 Resp: 44733

Ion Ratio Lower Upper

117 100

119 96.3 75.0 112.6

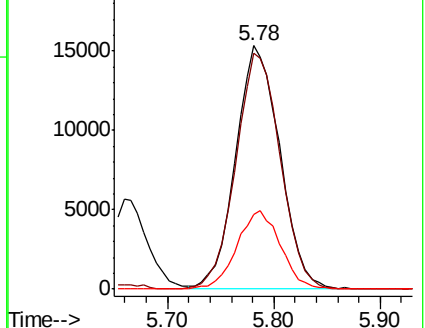
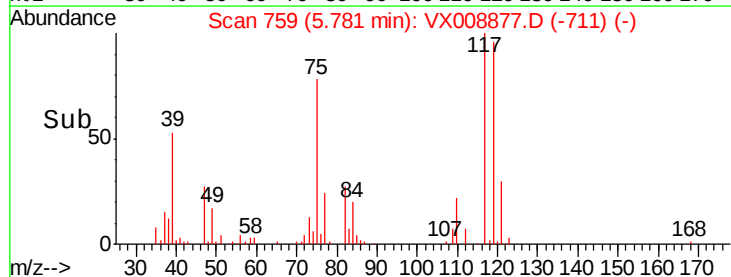
121 30.7 24.3 36.5

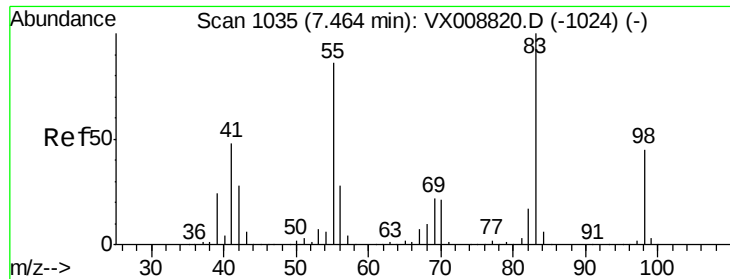


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

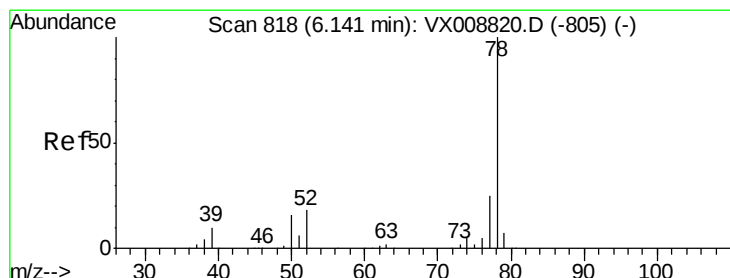
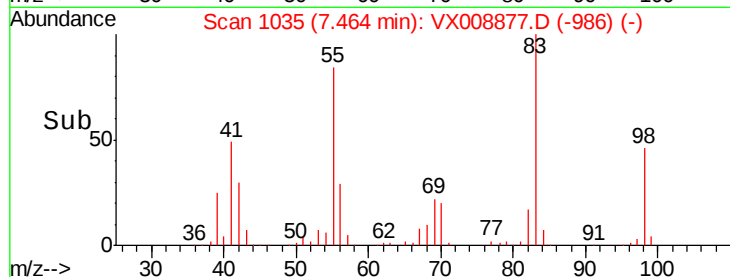
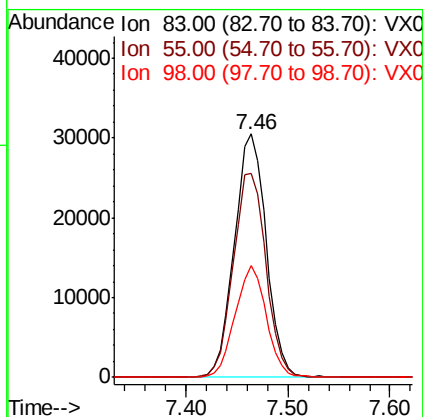
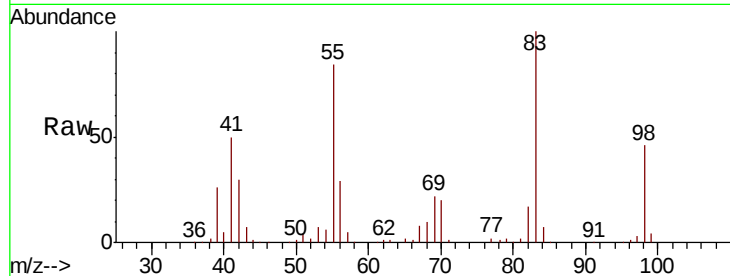




#39
Methvlcvclohexane
Concen: 19.045 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

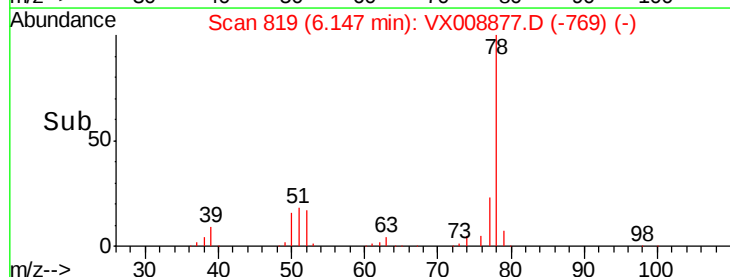
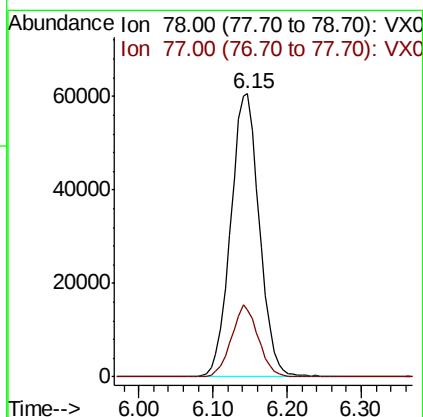
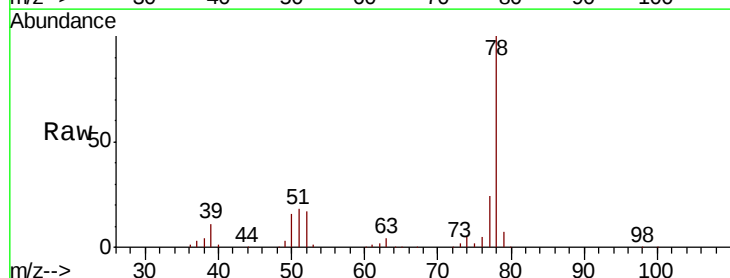
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

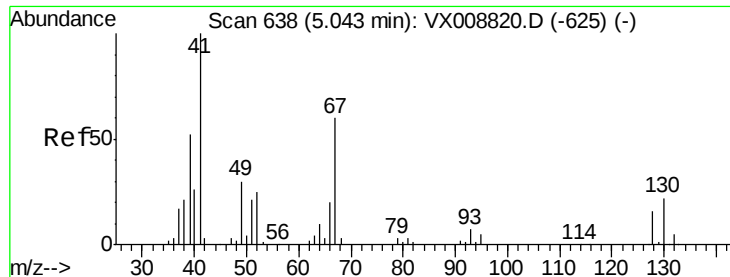
Tot Ion: 83 Resp: 66099
Ion Ratio Lower Upper
83 100
55 83.6 69.0 103.6
98 46.0 34.4 51.6



#40
Benzene
Concen: 19.499 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 78 Resp: 163200
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

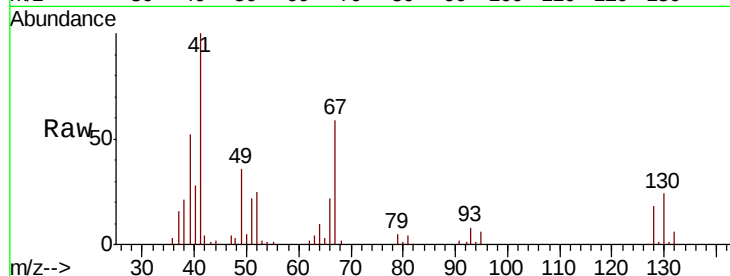




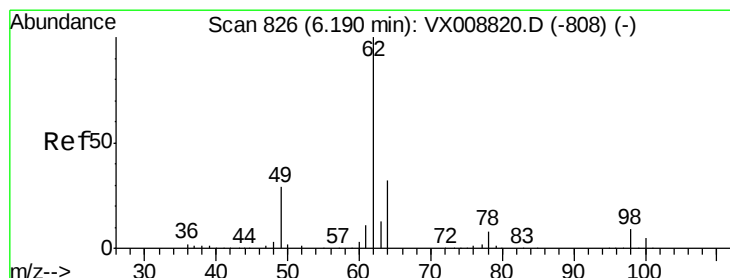
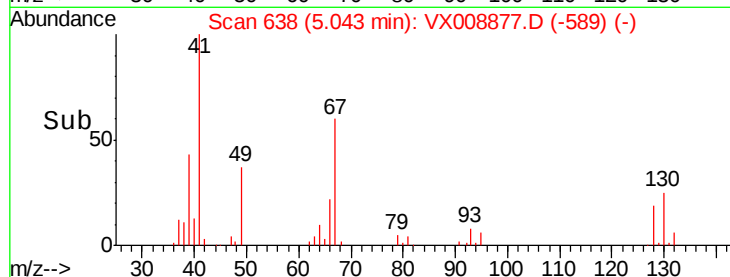
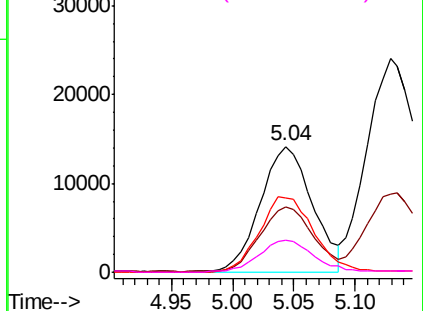
#41
Methacrylonitrile
Concen: 19.579 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS01

Tot Ion:	41	Resp:	42204
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.1	63.1
67	62.5	51.0	76.6
52	27.8	21.4	32.0

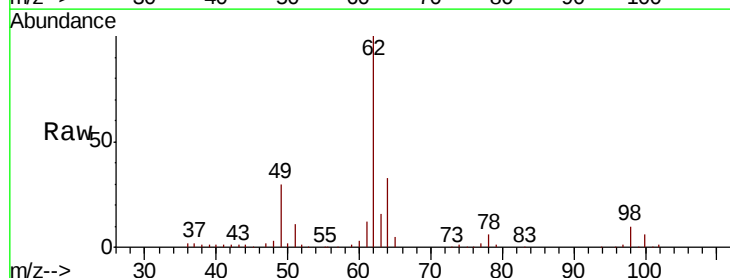


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

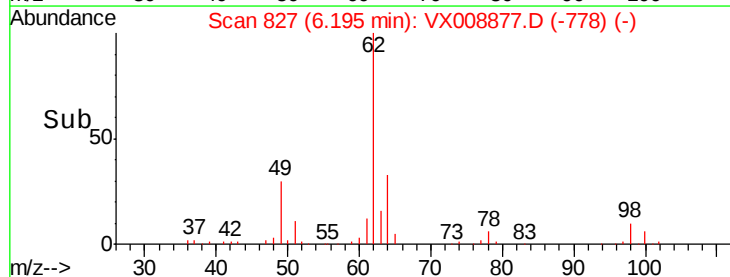
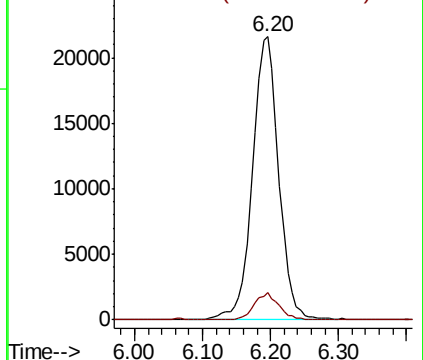


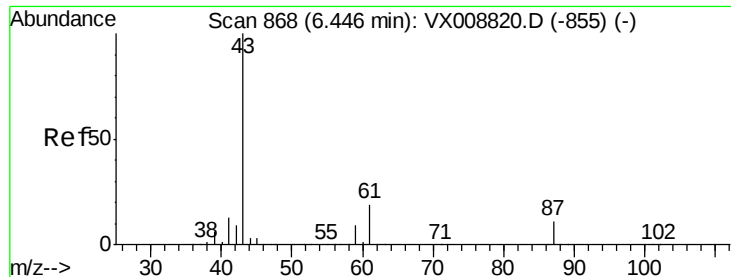
#42
1,2-Dichloroethane
Concen: 19.389 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:	62	Resp:	58179
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



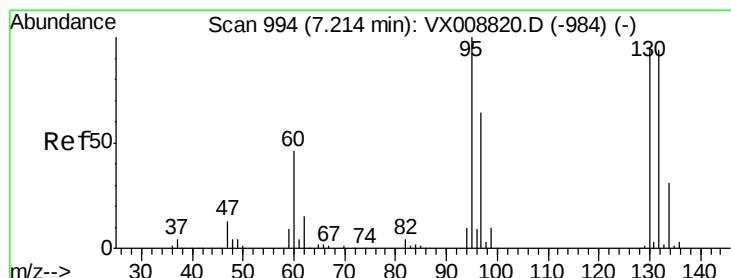
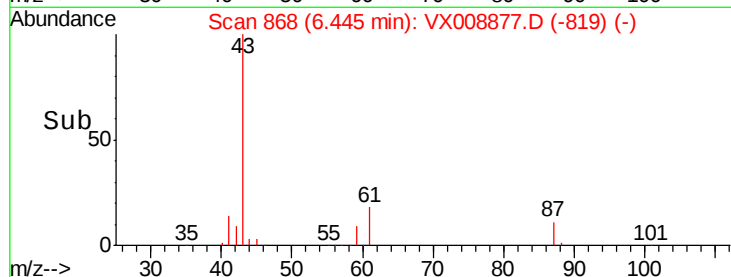
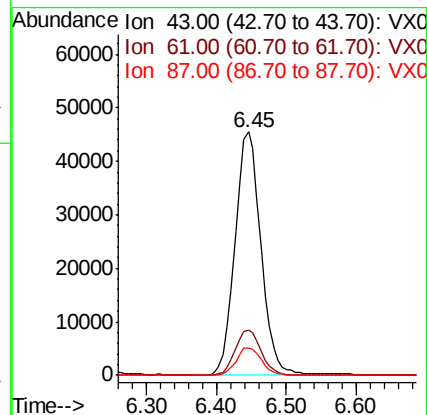
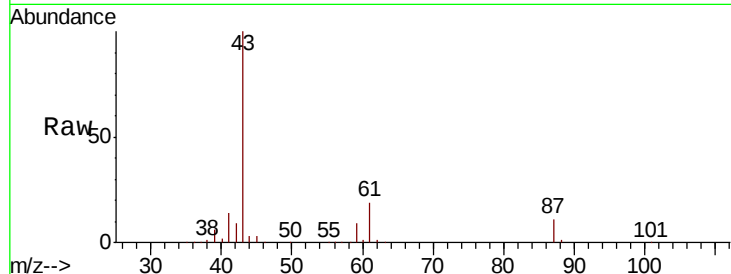


#43

Isopropyl Acetate
 Concen: 19.889 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

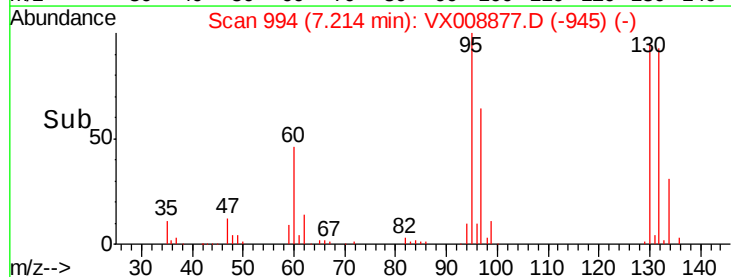
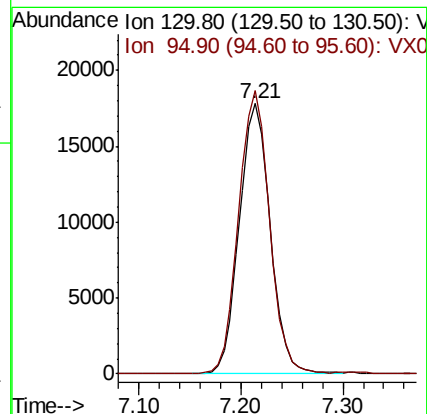
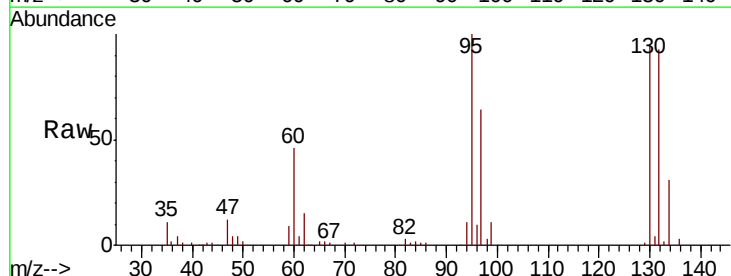
Tot Ion: 43 Resp: 116836
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.3 22.9
 87 11.3 9.0 13.6

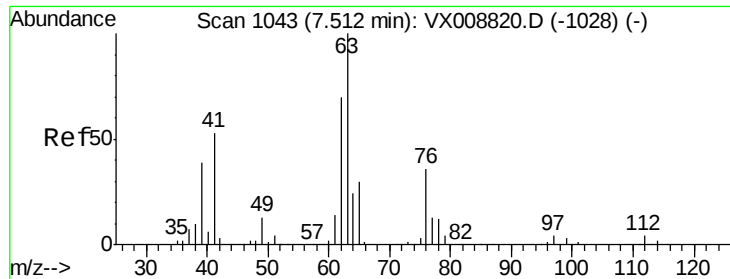


#44

Trichloroethene
 Concen: 19.256 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion:130 Resp: 37537
 Ion Ratio Lower Upper
 130 100
 95 104.8 0.0 209.8

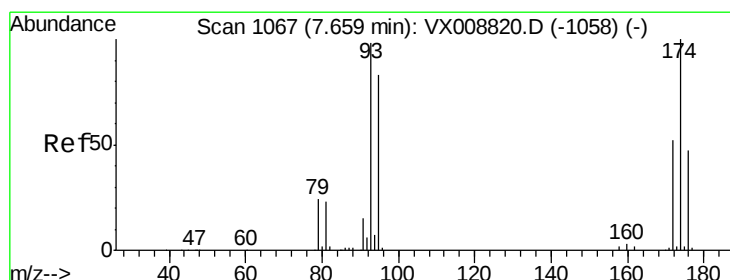
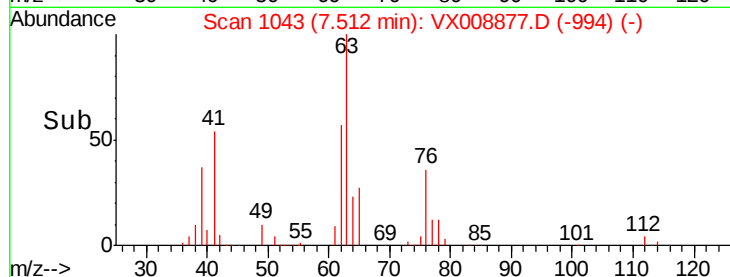
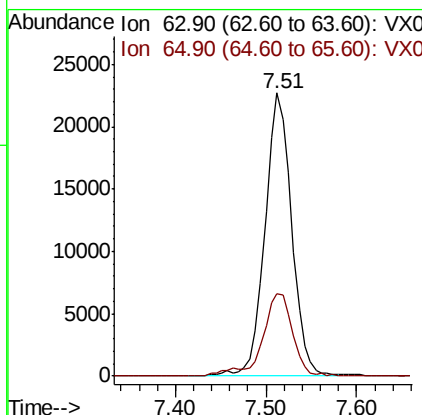
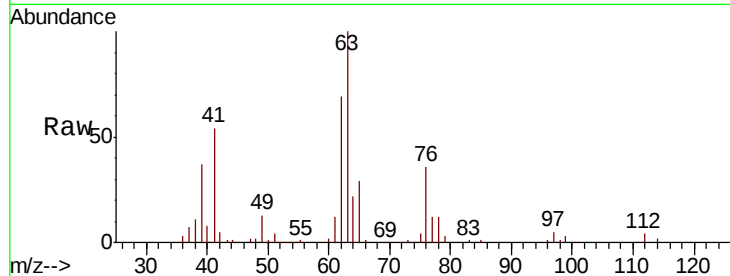




#45
 1,2-Dichloropropane
 Concen: 19.368 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

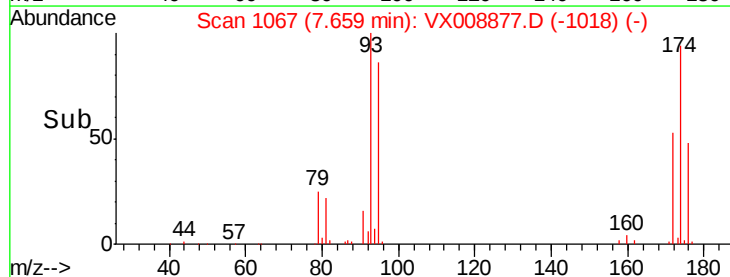
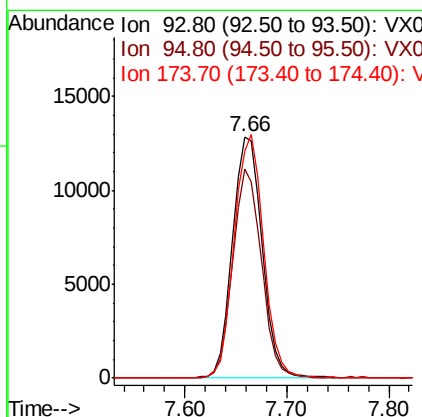
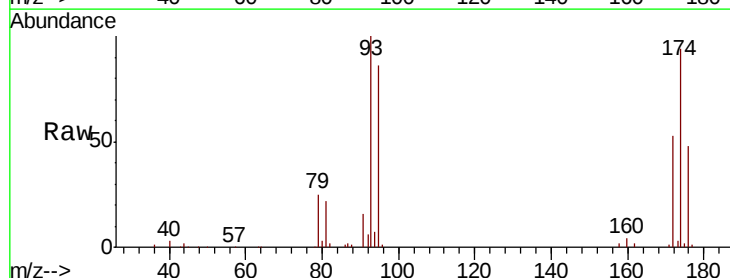
Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS01

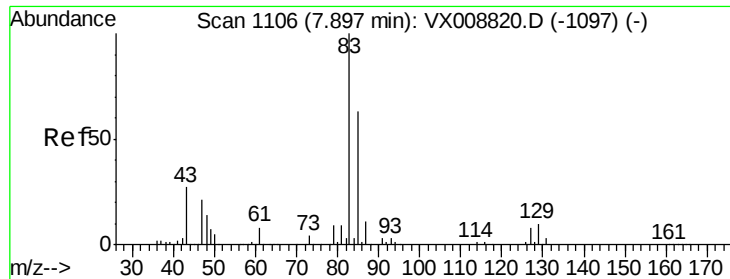
Tot Ion: 63 Resp: 46270
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.2 36.4



#46
 Dibromomethane
 Concen: 18.650 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 93 Resp: 25841
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 99.4 77.7 116.5





#47

Bromodichloromethane

Concen: 19.503 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

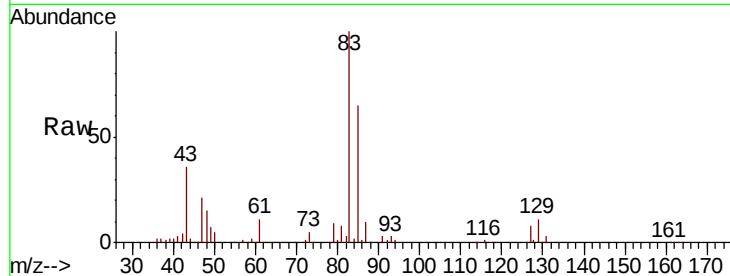
Tot Ion: 83 Resp: 50950

Ion Ratio Lower Upper

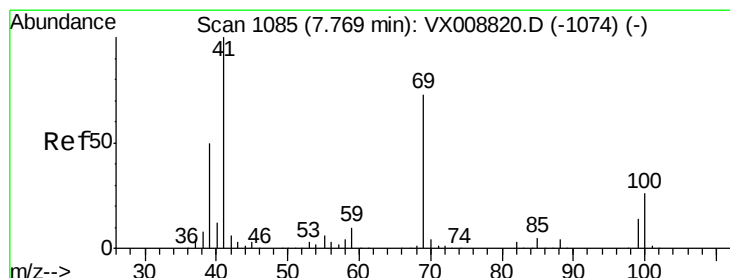
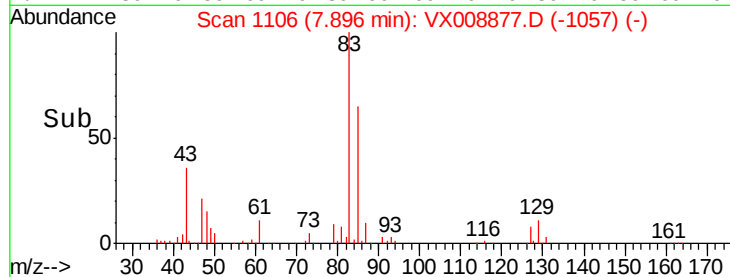
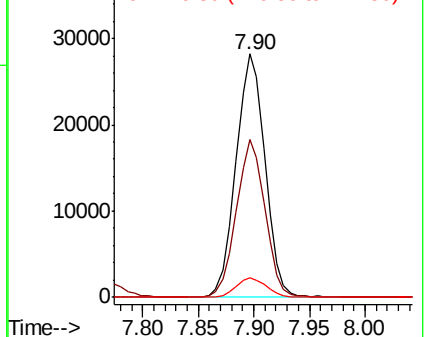
83 100

85 65.0 51.2 76.8

127 8.0 6.6 10.0



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): V



#48

Methyl methacrylate

Concen: 20.172 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

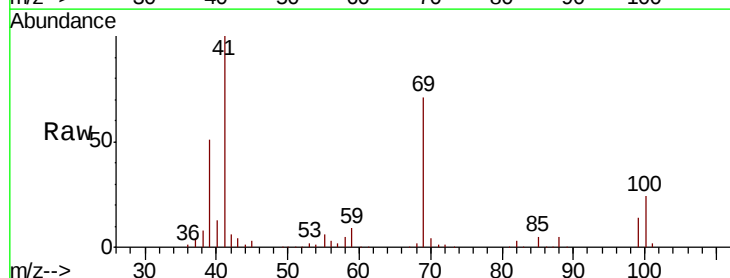
Tgt Ion: 41 Resp: 59943

Ion Ratio Lower Upper

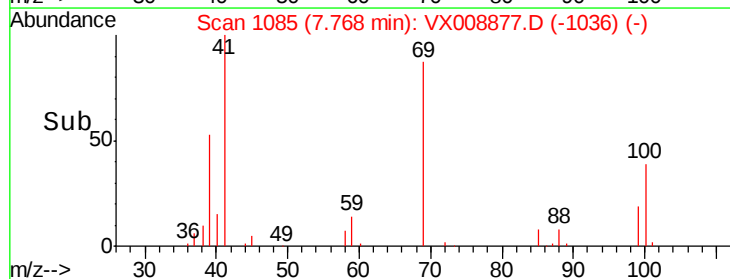
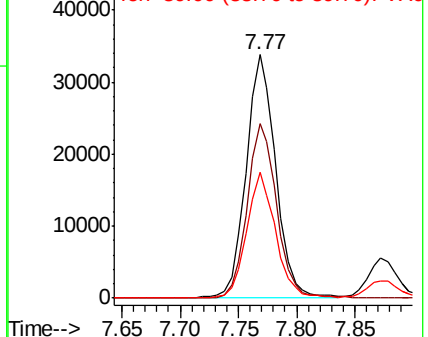
41 100

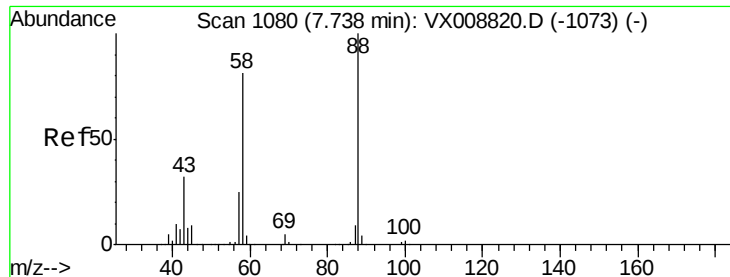
69 71.8 59.0 88.4

39 50.6 41.0 61.4



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

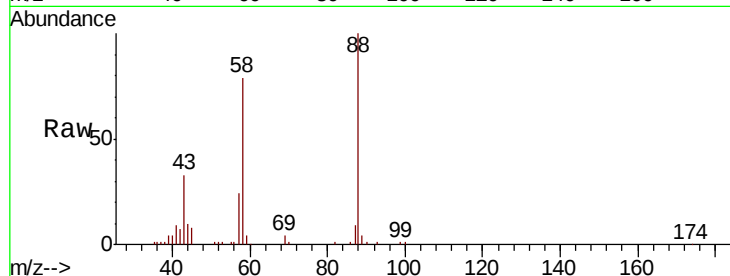




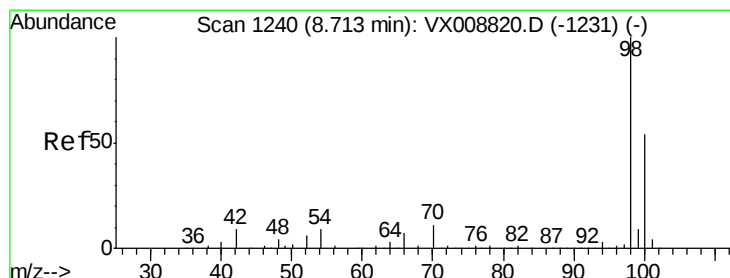
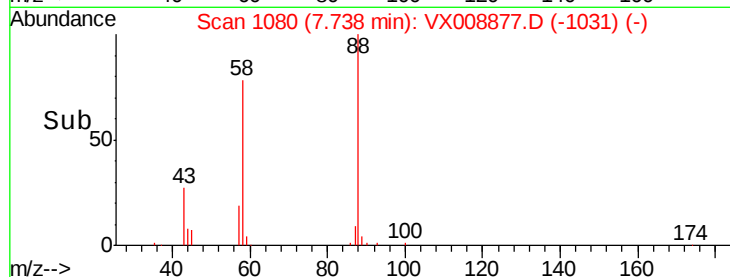
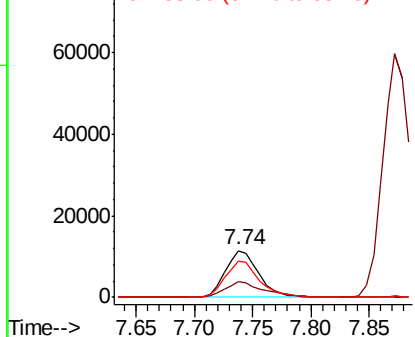
#49
1,4-Dioxane
Concen: 411.570 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion: 88 Resp: 22911
Ion Ratio Lower Upper
88 100
43 36.2 28.6 43.0
58 79.9 62.2 93.2

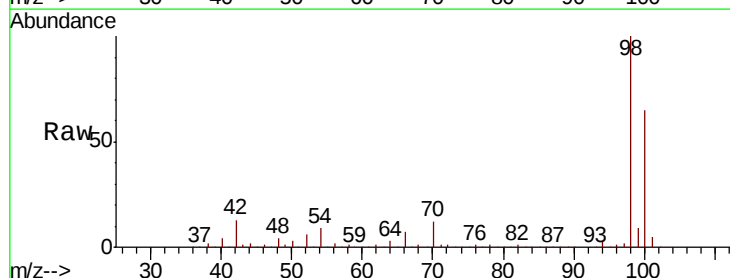


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

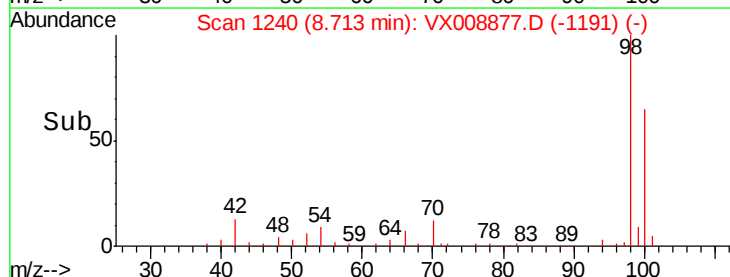
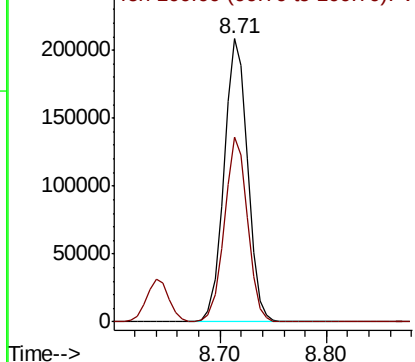


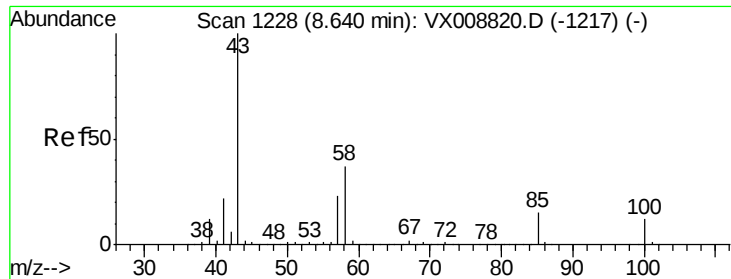
#50
Toluene-d8
Concen: 49.356 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 98 Resp: 322944
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 103.633 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

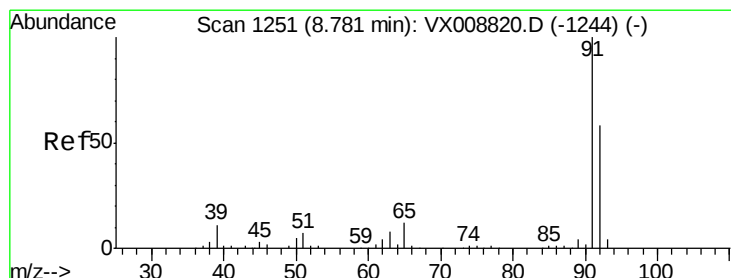
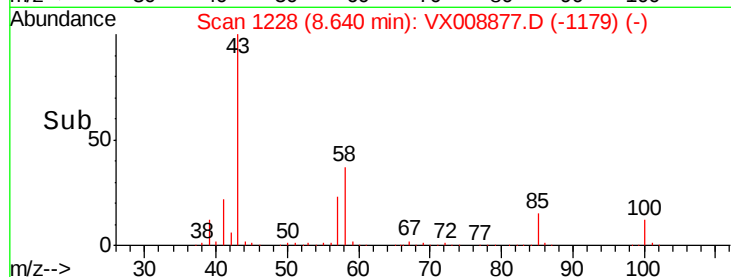
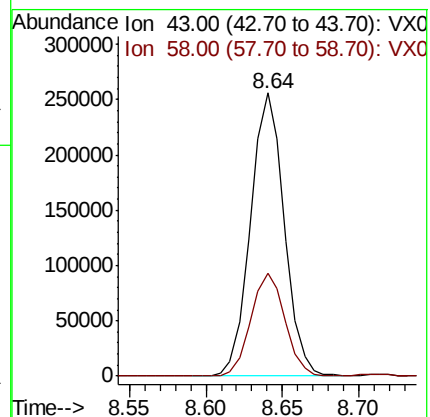
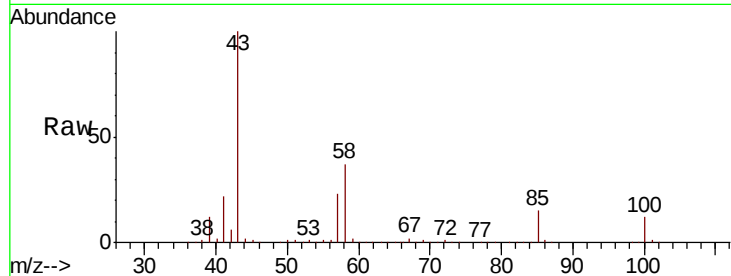
VX0412WBS01

Tot Ion: 43 Resp: 391906

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



#52

Toluene

Concen: 20.082 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008877.D

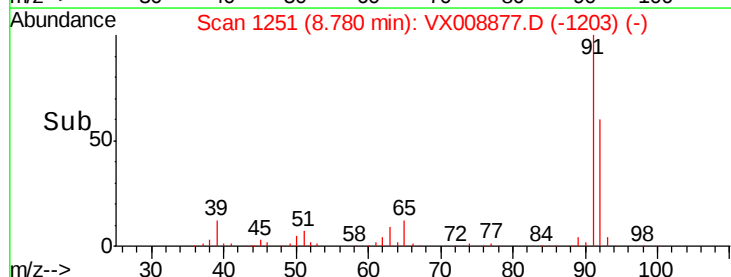
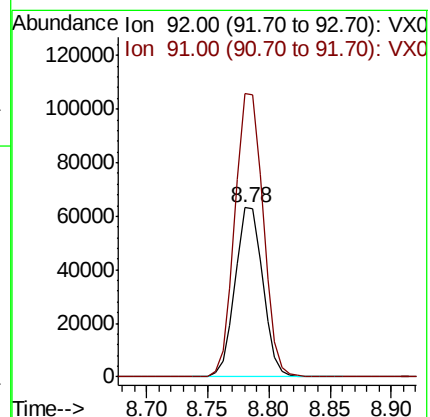
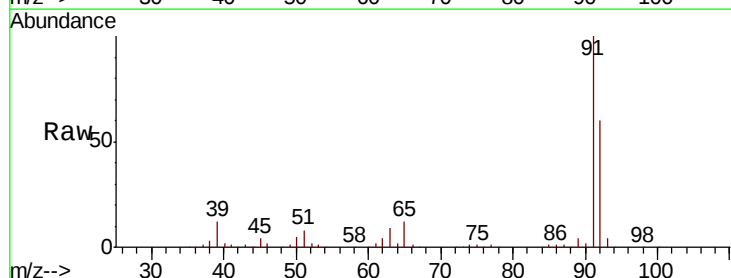
Acq: 12 Apr 2019 11:37

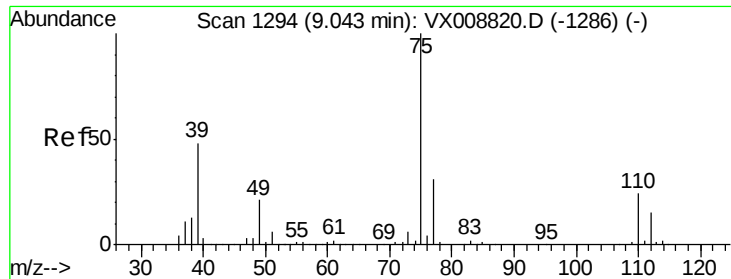
Tgt Ion: 92 Resp: 99092

Ion Ratio Lower Upper

92 100

91 170.7 138.5 207.7

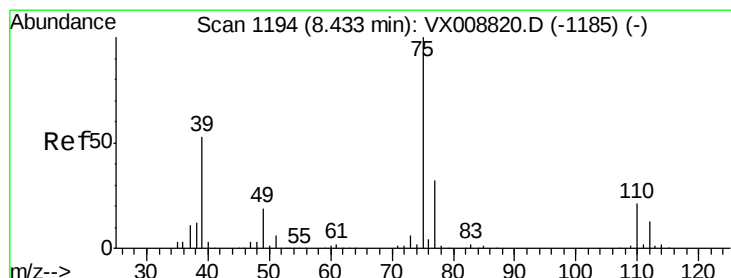
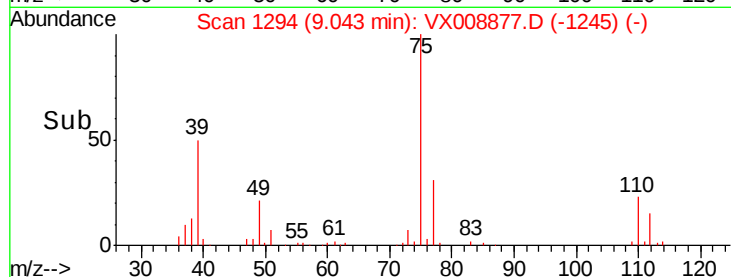
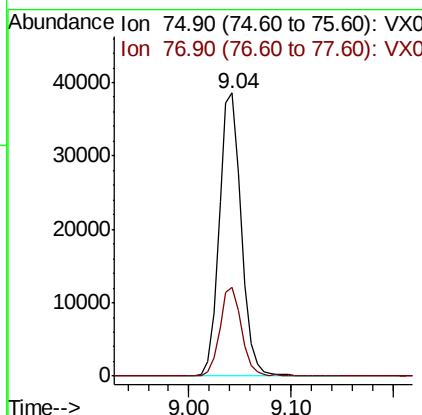
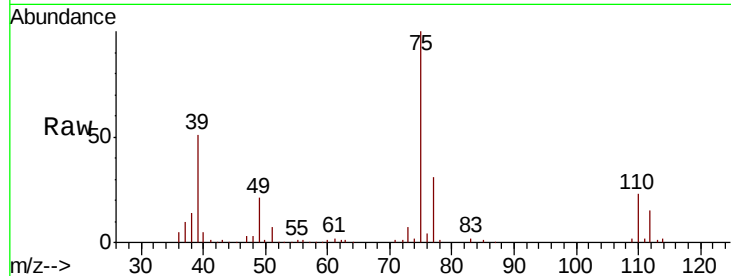




#53
 t-1,3-Dichloropropene
 Concen: 19.875 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

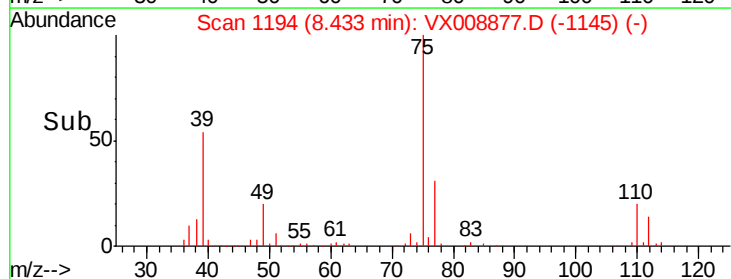
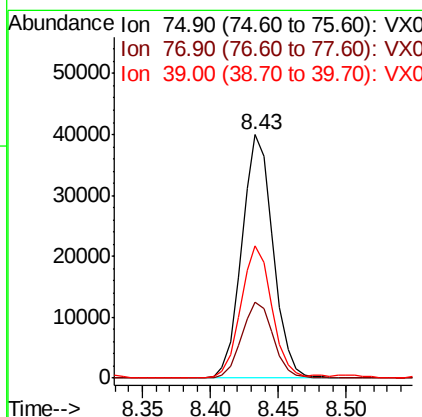
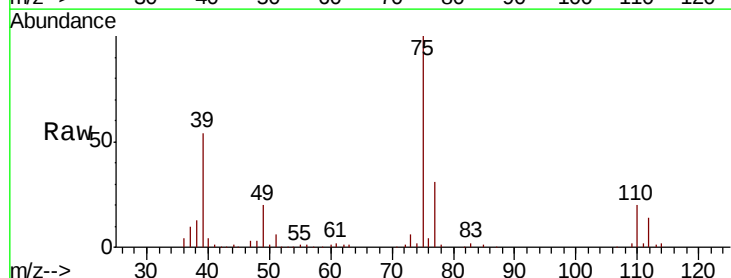
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

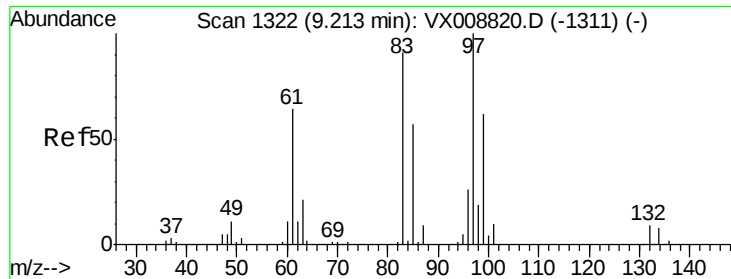
Tot Ion: 75 Resp: 58161
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.185 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 75 Resp: 64153
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 54.0 42.6 63.8

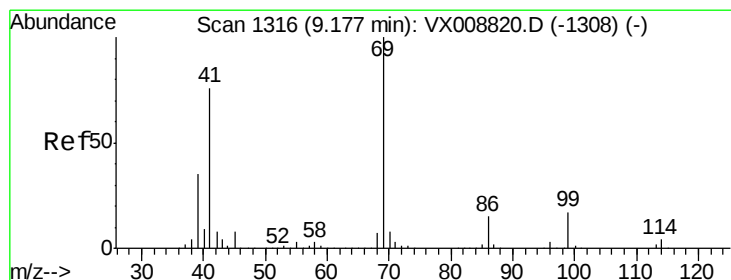
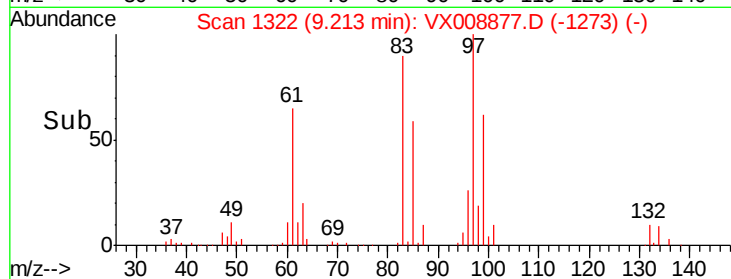
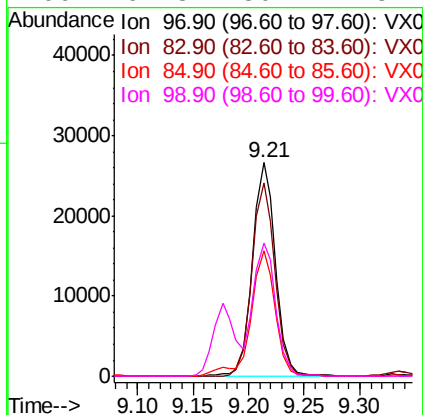
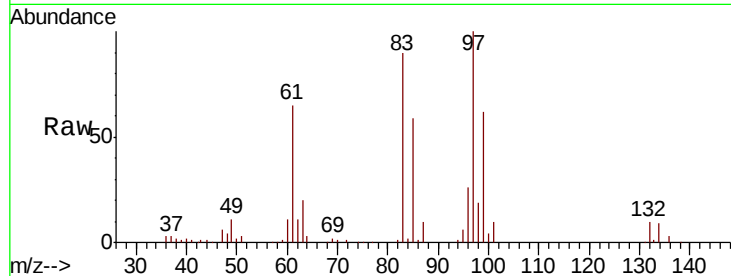




#55
 1,1,2-Trichloroethane
 Concen: 19.384 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

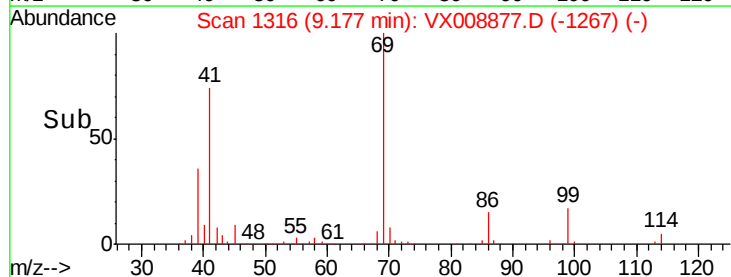
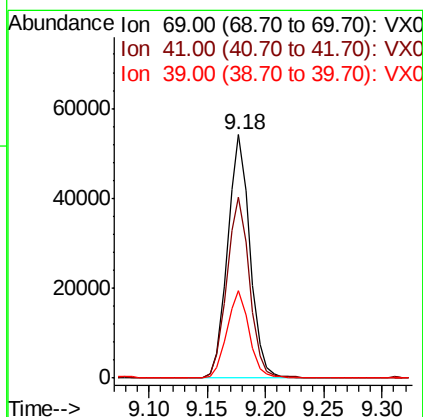
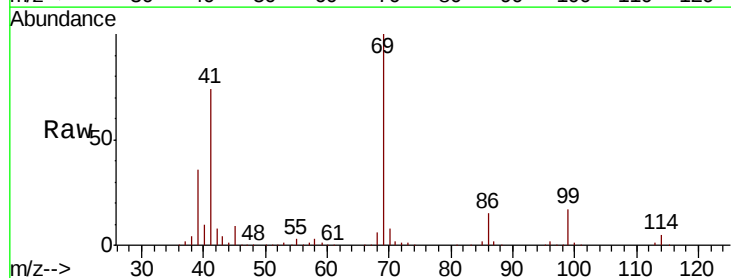
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

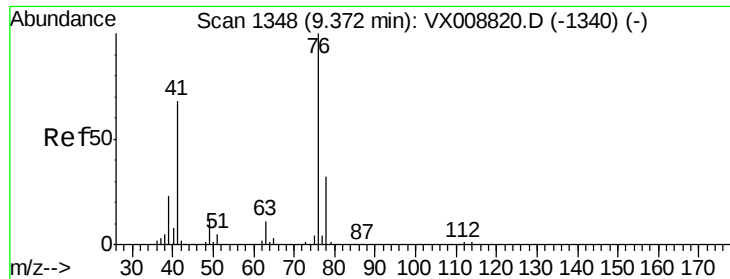
Tot Ion:	97	Resp:	38395
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.2	109.8
85	58.8	46.6	69.8
99	62.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 20.161 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion:	69	Resp:	72252
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	35.6	28.9	43.3





#57

1,3-Dichloropropane

Concen: 19.406 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

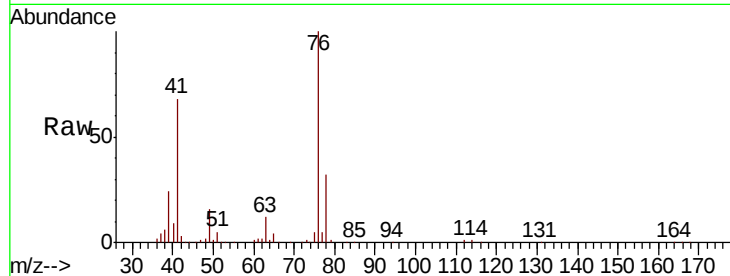
VX0412WBS01

Tot Ion: 76 Resp: 69020

Ion Ratio Lower Upper

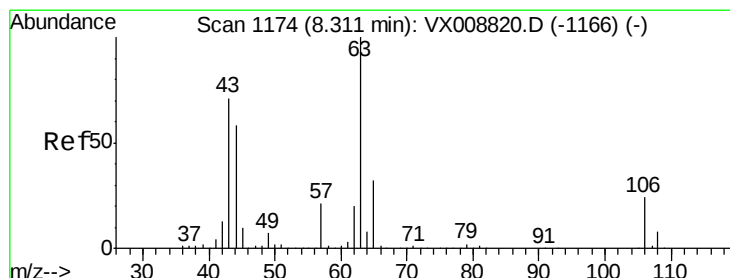
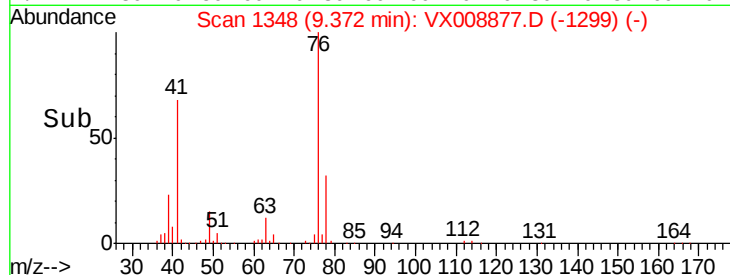
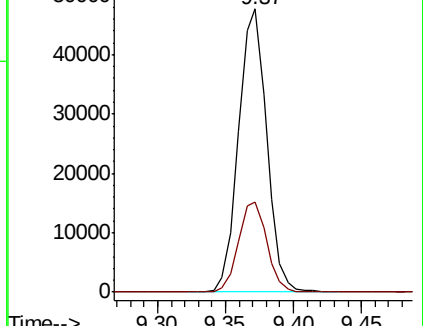
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.337 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008877.D

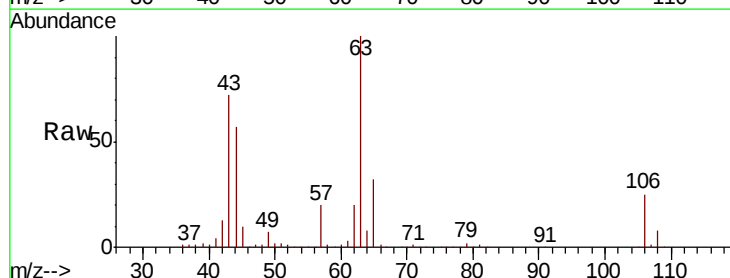
Acq: 12 Apr 2019 11:37

Tgt Ion: 63 Resp: 174462

Ion Ratio Lower Upper

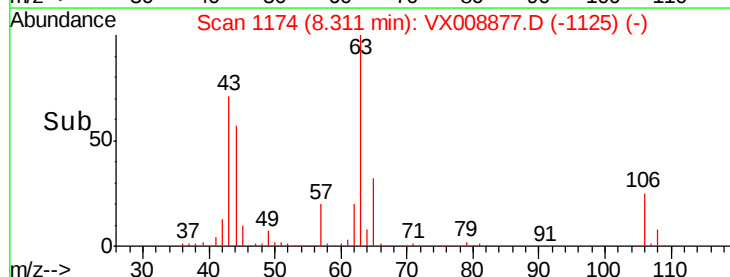
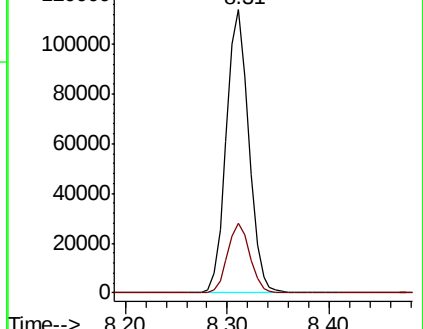
63 100

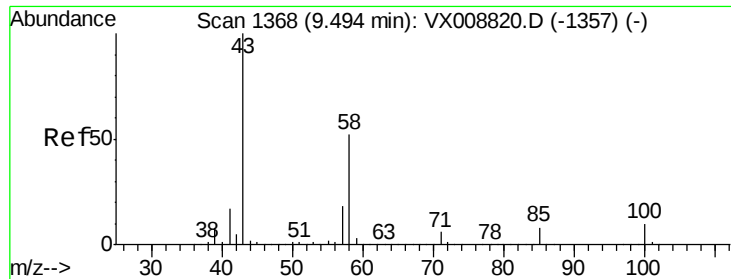
106 24.5 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

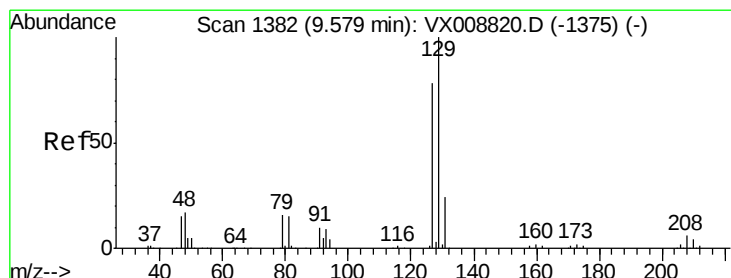
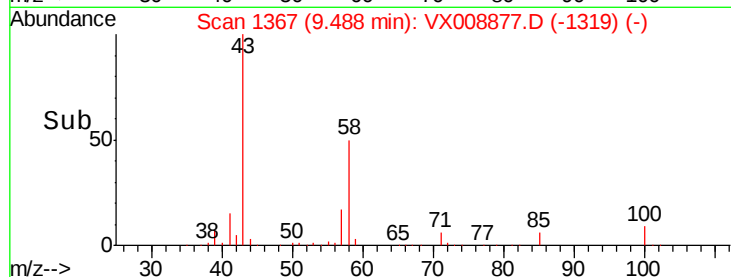
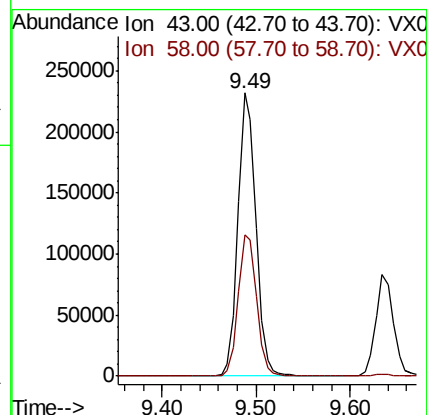
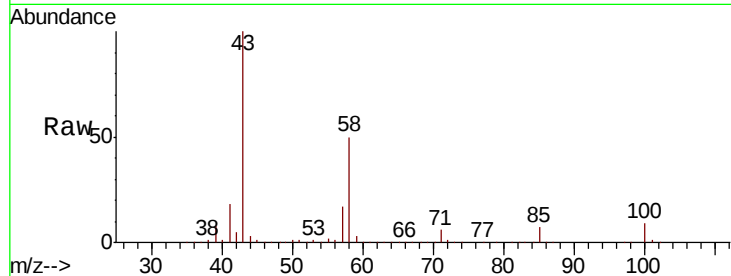




#59
2-Hexanone
Concen: 104.249 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

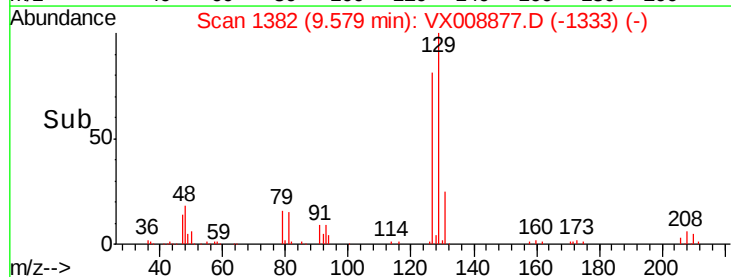
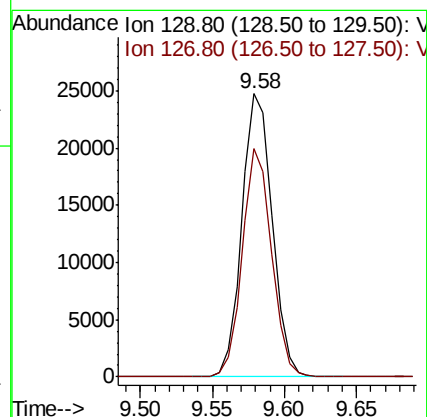
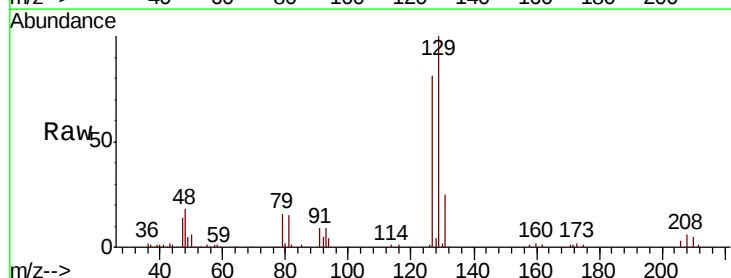
Instrument :
MSVOA_X
ClientSampled :
VX0412WBS01

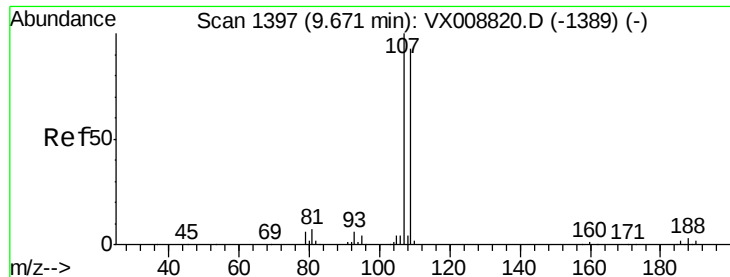
Tot Ion: 43 Resp: 306378
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 19.392 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:129 Resp: 36194
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

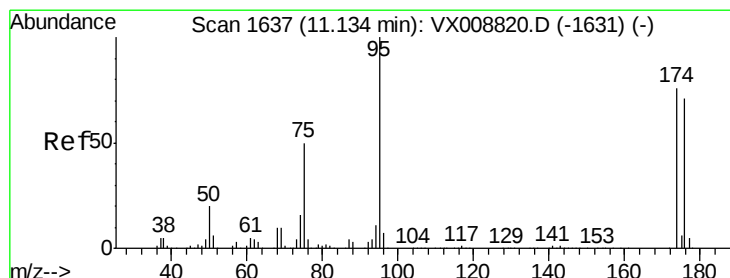
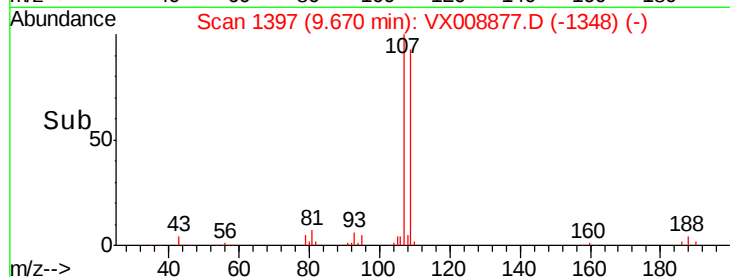
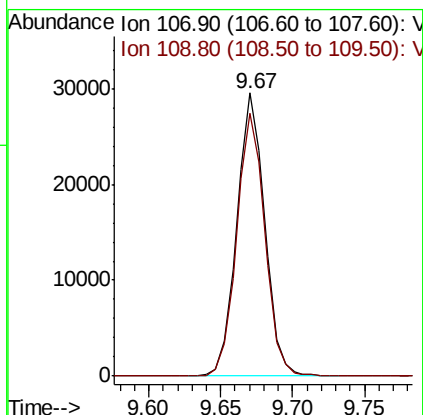
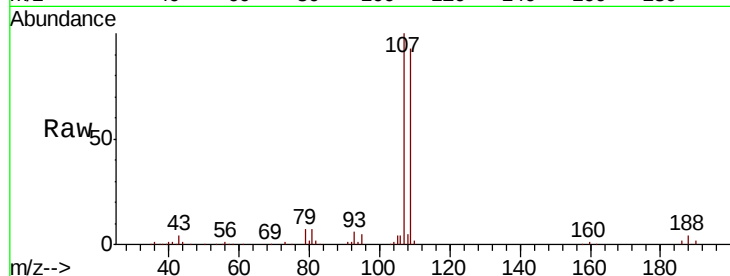




#61
 1,2-Dibromoethane
 Concen: 19.253 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

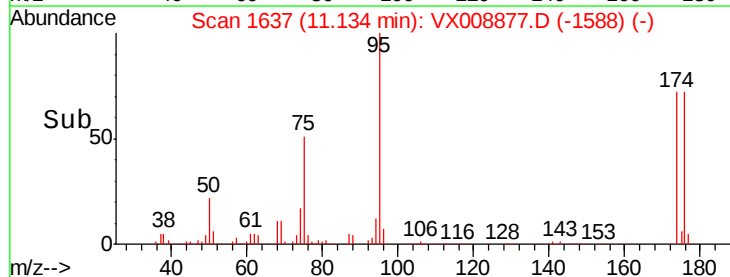
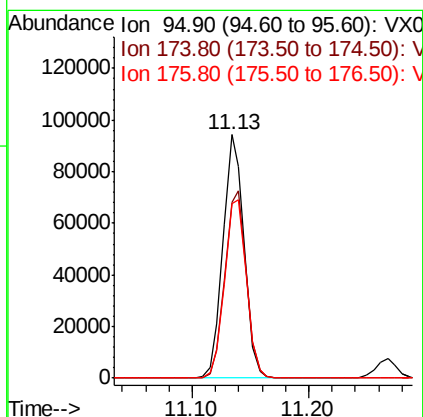
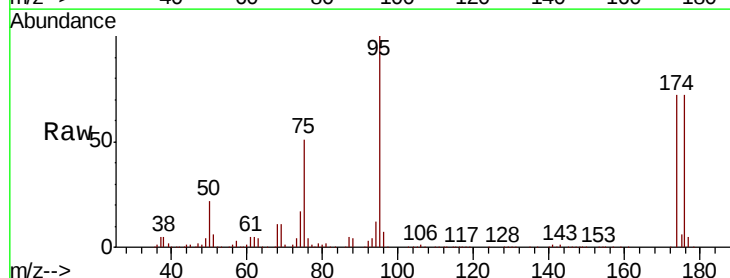
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

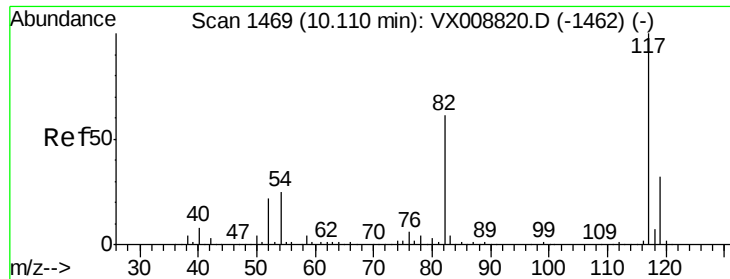
Tot Ion:107 Resp: 39699
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 50.588 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 95 Resp: 117380
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 151.8
 176 76.4 0.0 145.8

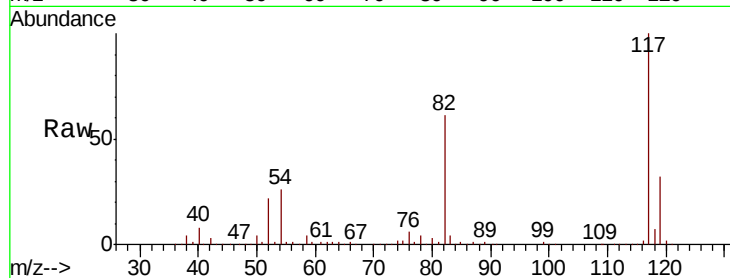




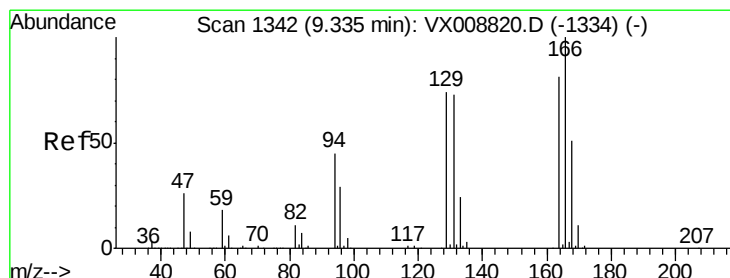
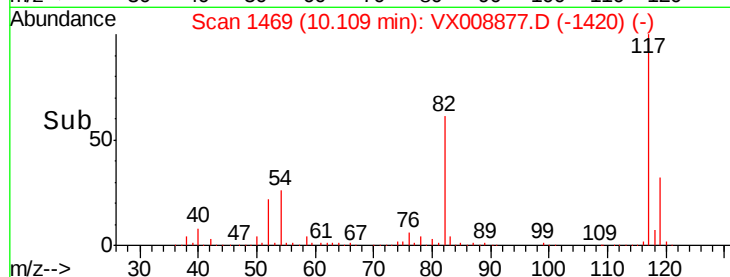
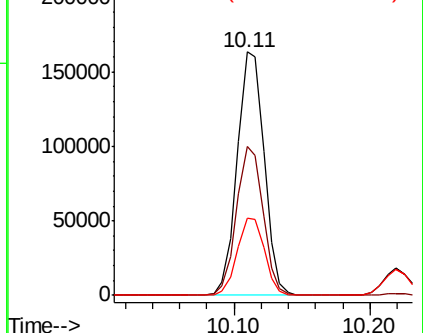
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion:117 Resp: 226230
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 31.8 25.0 37.4

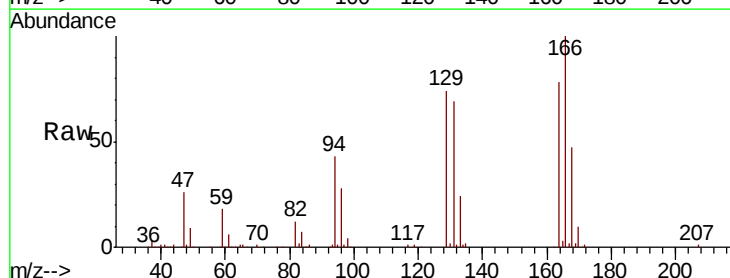


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

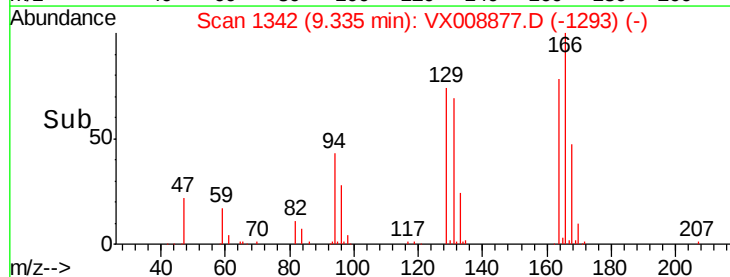
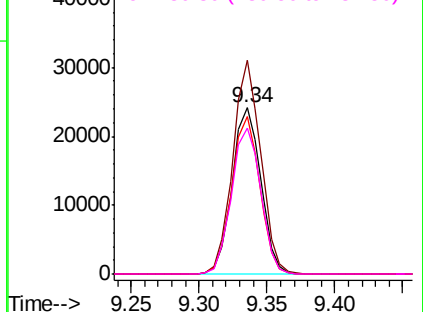


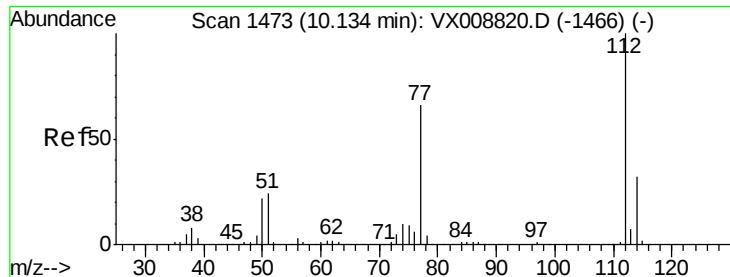
#64
Tetrachloroethene
Concen: 21.065 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:164 Resp: 35308
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.6
129 95.1 75.8 113.8
131 88.1 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.735 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

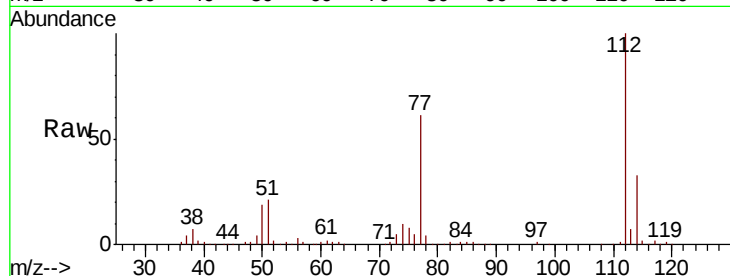
VX0412WBS01

Tot Ion:112 Resp: 98967

Ion Ratio Lower Upper

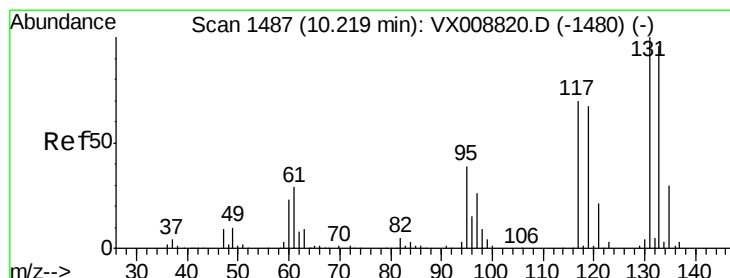
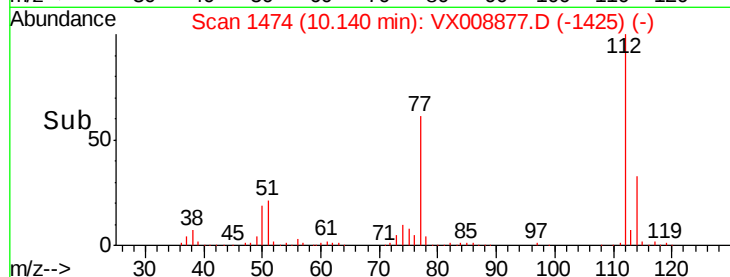
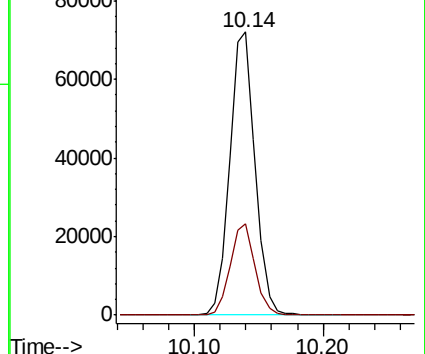
112 100

114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.945 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

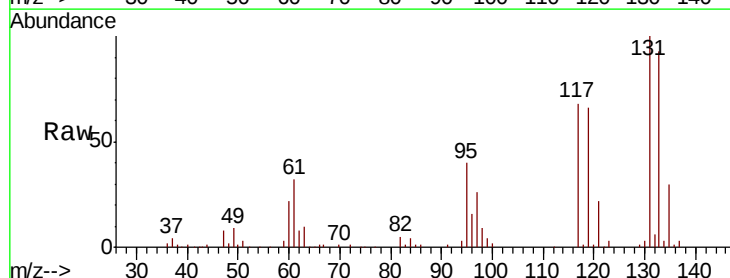
Tgt Ion:131 Resp: 35089

Ion Ratio Lower Upper

131 100

133 93.5 47.0 141.2

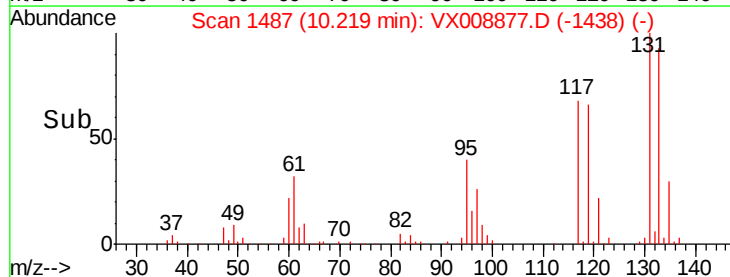
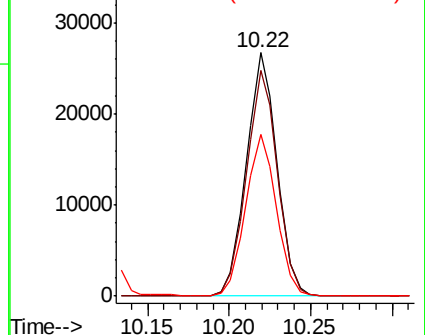
119 66.7 33.7 101.0

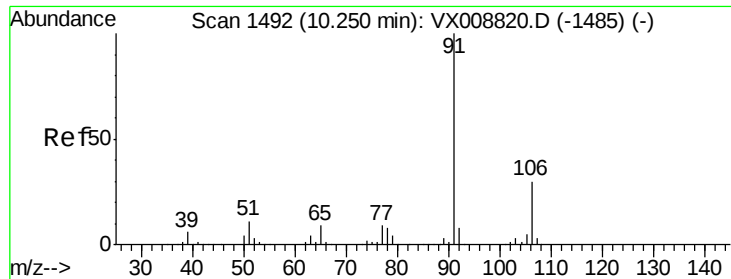


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

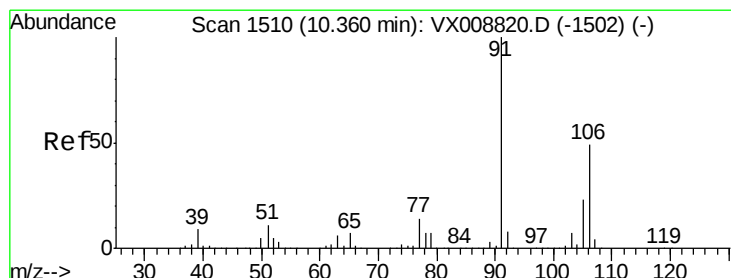
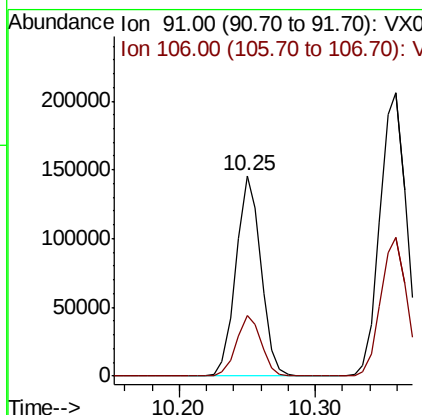
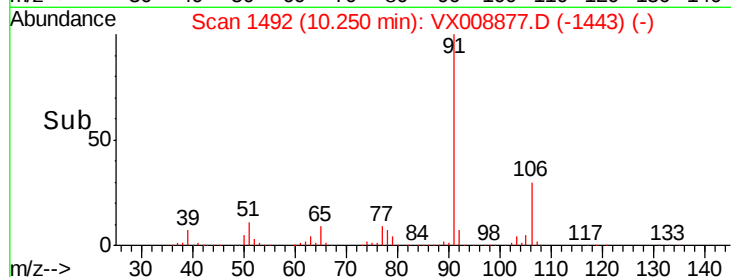
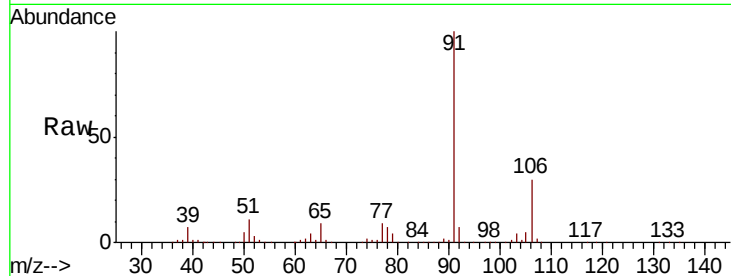




#67
Ethyl Benzene
Concen: 19.977 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

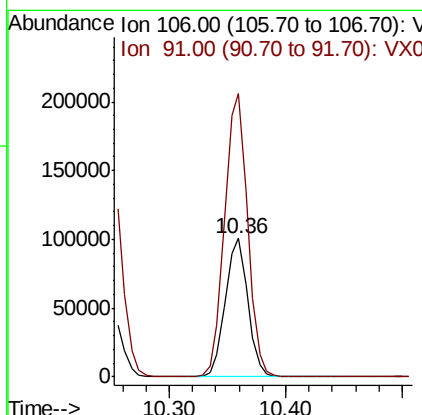
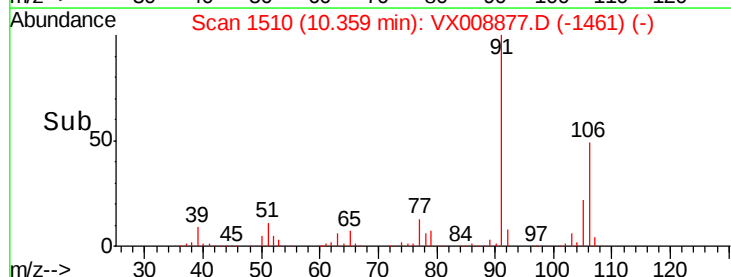
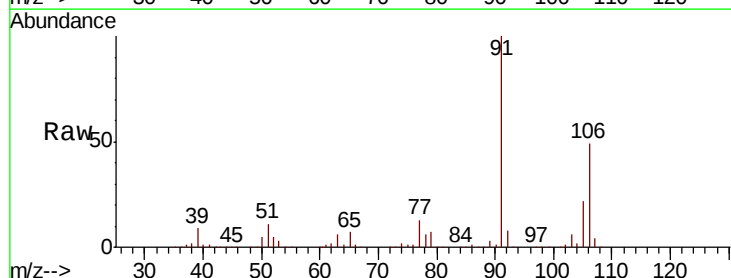
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

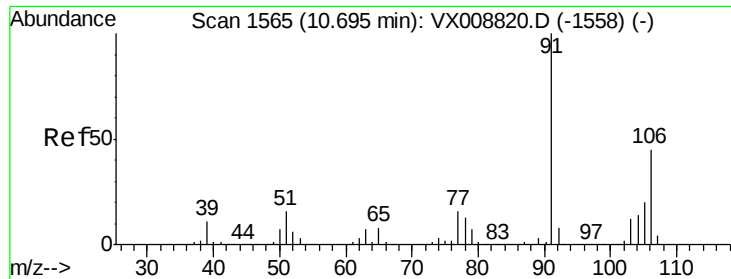
Tot Ion: 91 Resp: 186807
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



#68
m/p-Xylenes
Concen: 40.137 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 106 Resp: 134947
Ion Ratio Lower Upper
106 100
91 208.4 168.5 252.7

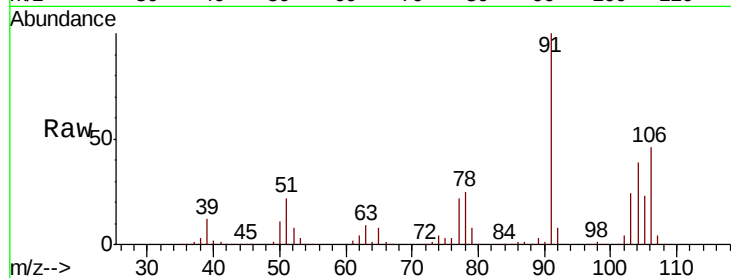




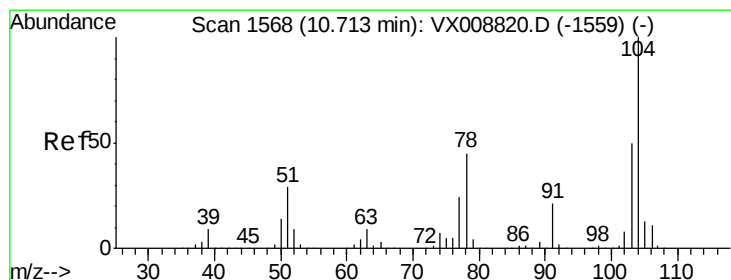
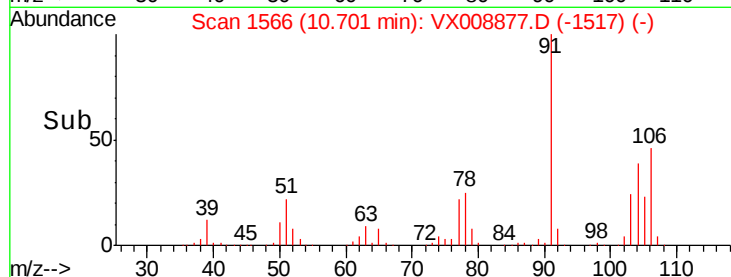
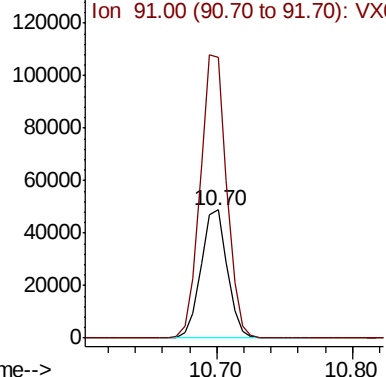
#69
o-Xylene
Concen: 20.098 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion:106 Resp: 65487
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.4

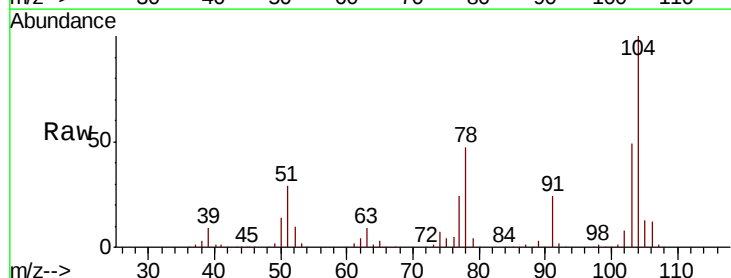


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

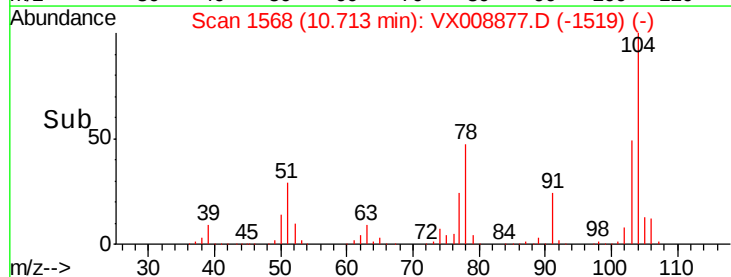
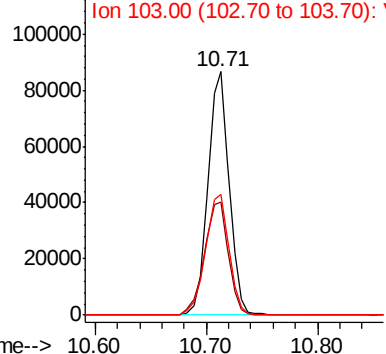


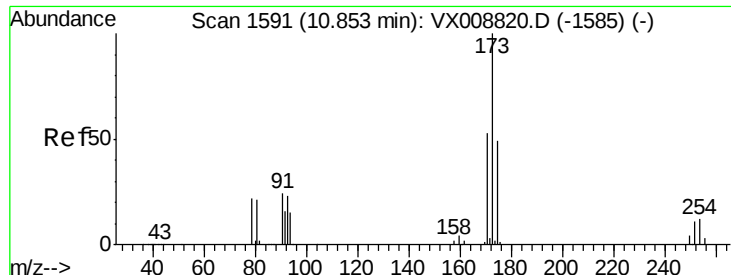
#70
Styrene
Concen: 20.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:104 Resp: 113960
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 54.8 44.4 66.6



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

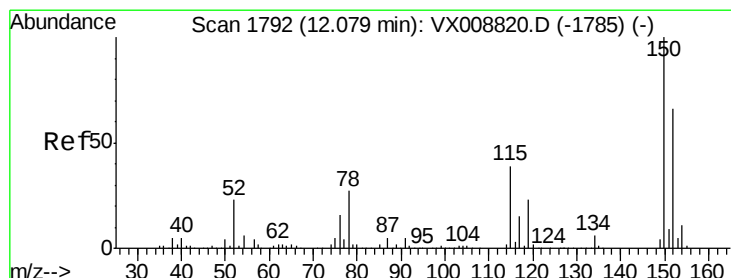
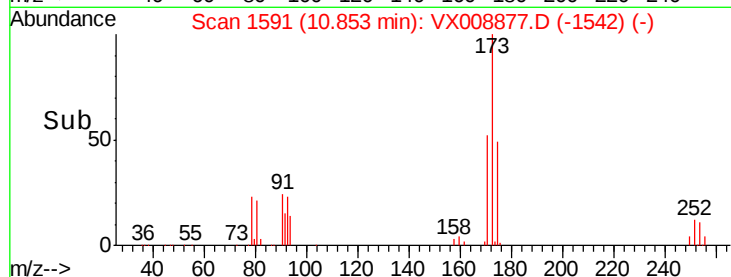
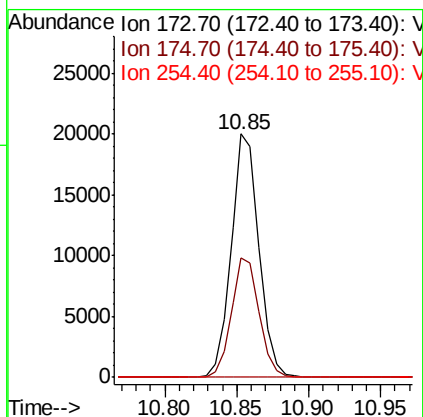
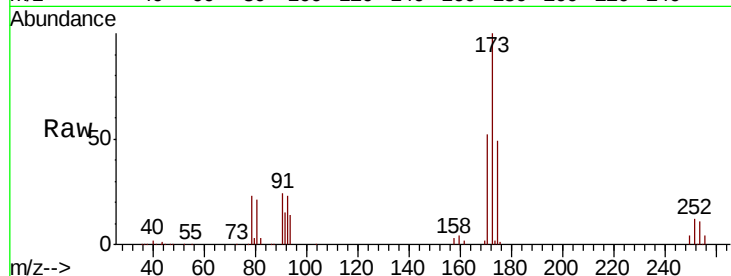




#71
Bromoform
Concen: 20.061 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

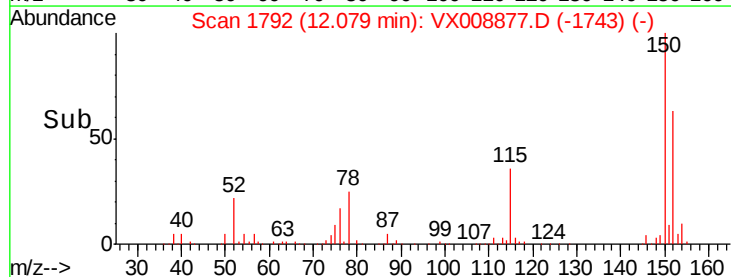
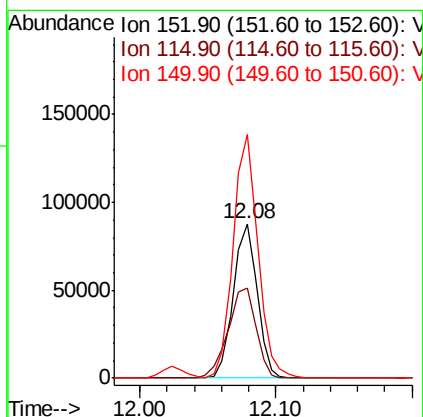
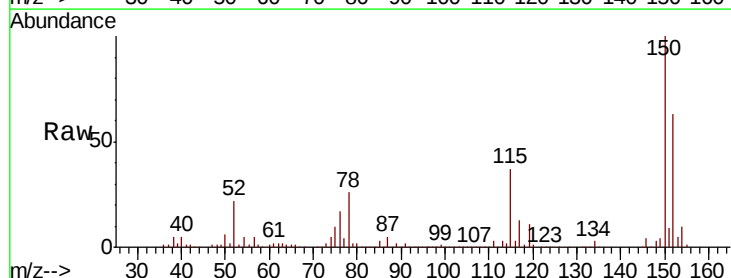
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

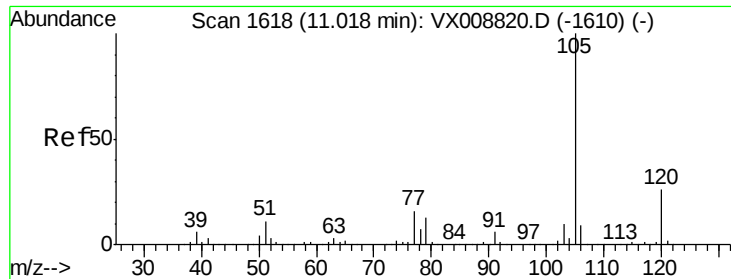
Tot Ion:173 Resp: 26955
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.6
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:152 Resp: 107021
Ion Ratio Lower Upper
152 100
115 68.8 43.5 130.5
150 164.5 0.0 348.8





#73

Isopropylbenzene

Concen: 19.785 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

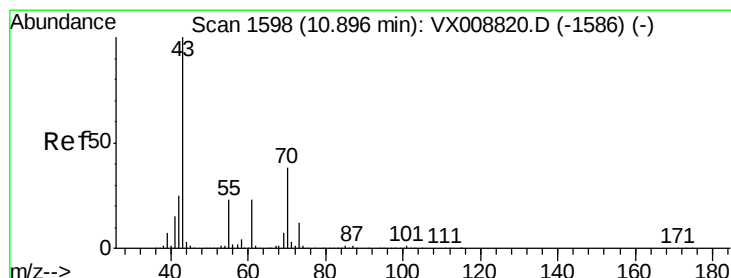
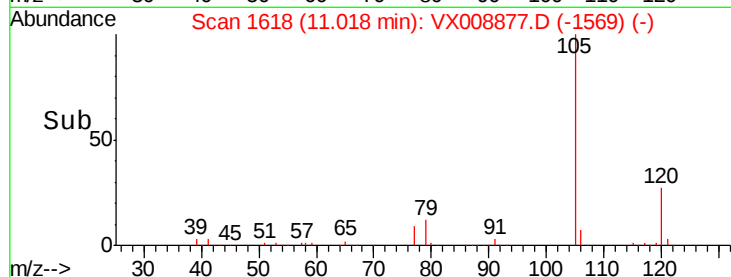
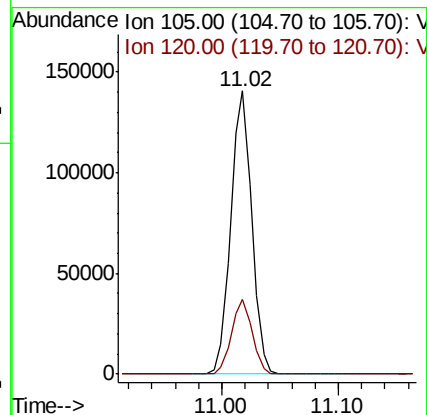
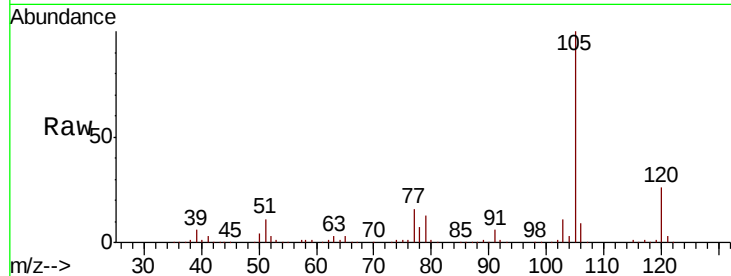
VX0412WBS01

Tot Ion:105 Resp: 175480

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 20.011 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion: 43 Resp: 104417

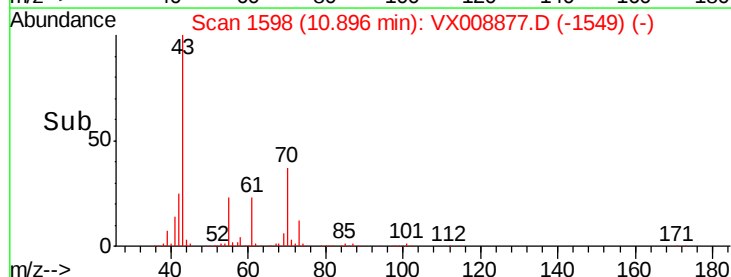
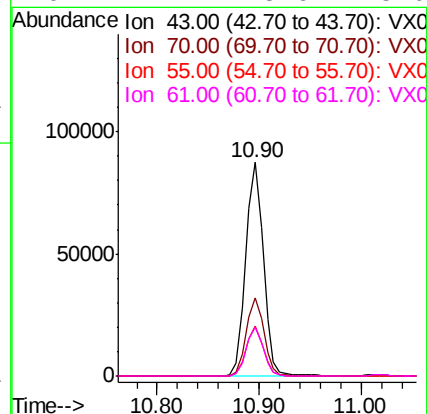
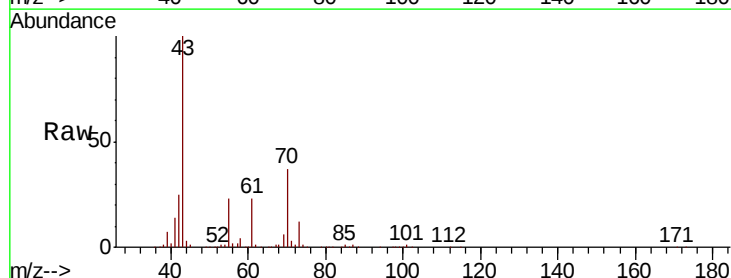
Ion Ratio Lower Upper

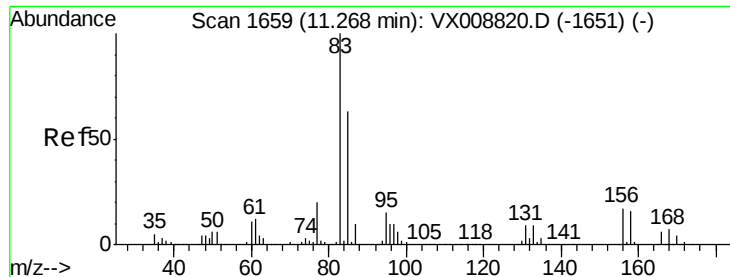
43 100

70 36.8 30.2 45.4

55 22.9 18.2 27.4

61 22.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.129 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

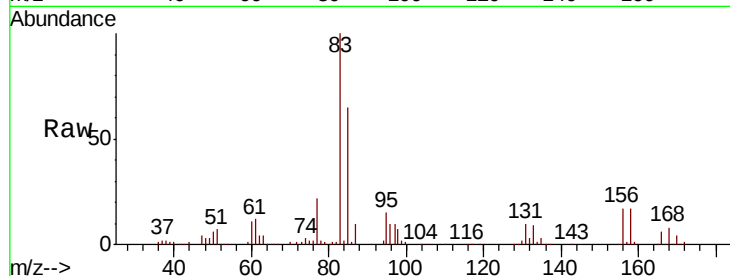
Tot Ion: 83 Resp: 64523

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

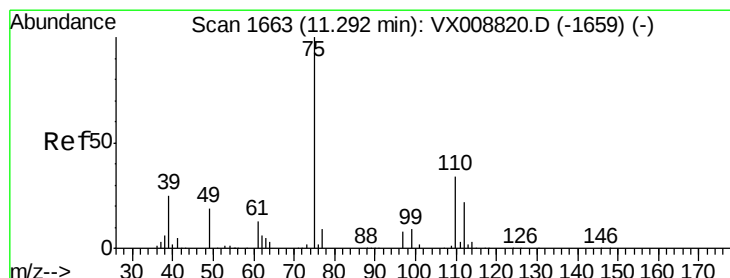
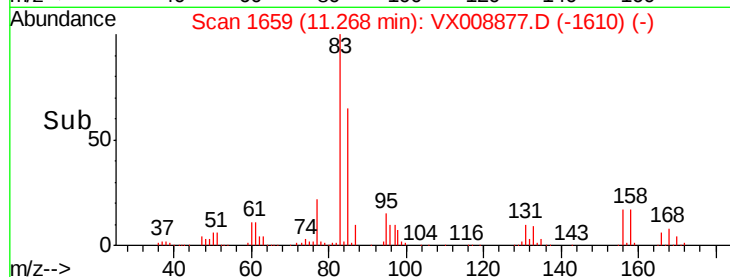
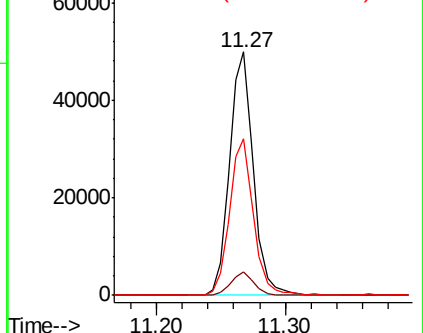
85 64.3 32.0 96.2



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: 25.441 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008877.D

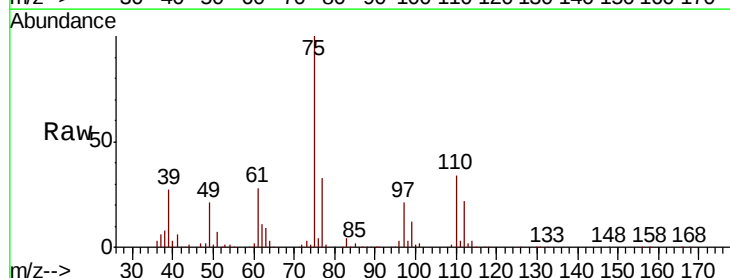
Acq: 12 Apr 2019 11:37

Tgt Ion: 75 Resp: 74797

Ion Ratio Lower Upper

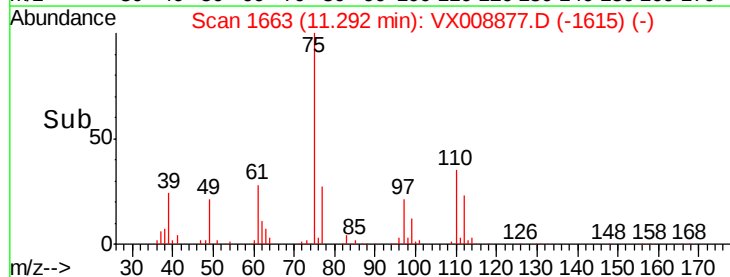
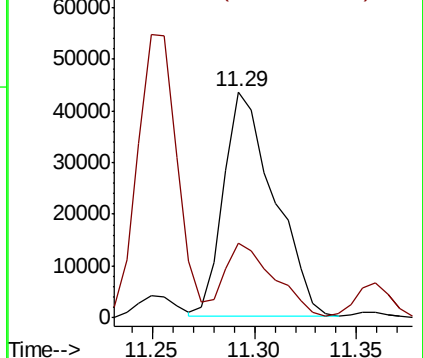
75 100

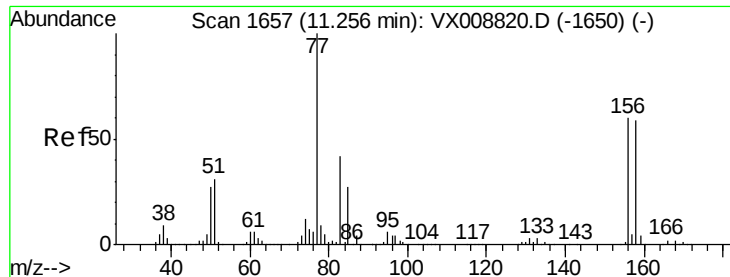
77 33.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.026 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

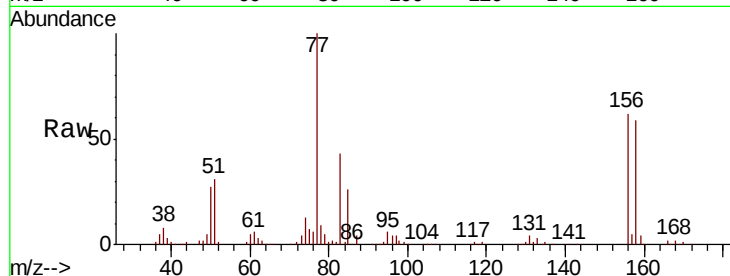
Tot Ion:156 Resp: 42699

Ion Ratio Lower Upper

156 100

77 172.8 89.8 269.6

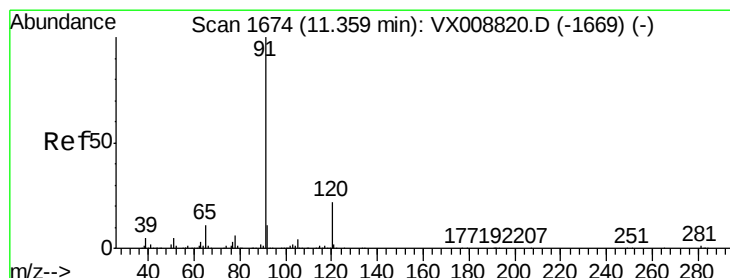
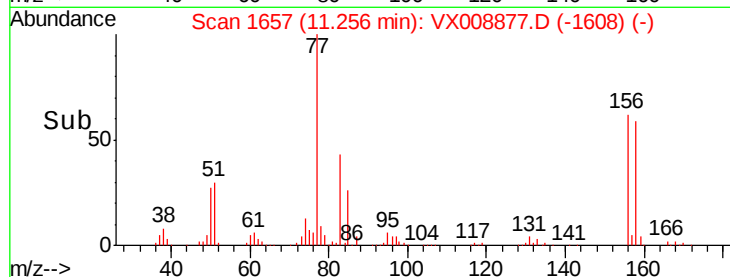
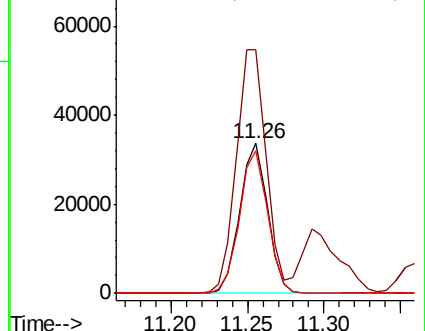
158 95.7 48.6 145.9



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: 19.456 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008877.D

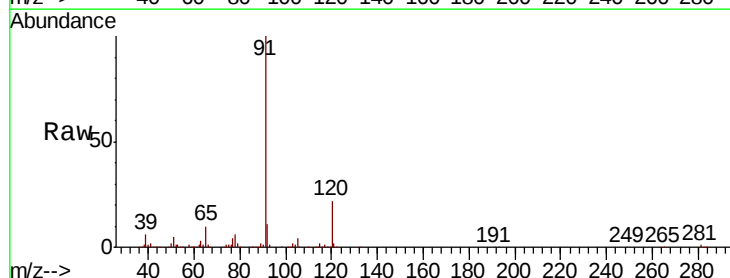
Acq: 12 Apr 2019 11:37

Tgt Ion: 91 Resp: 200924

Ion Ratio Lower Upper

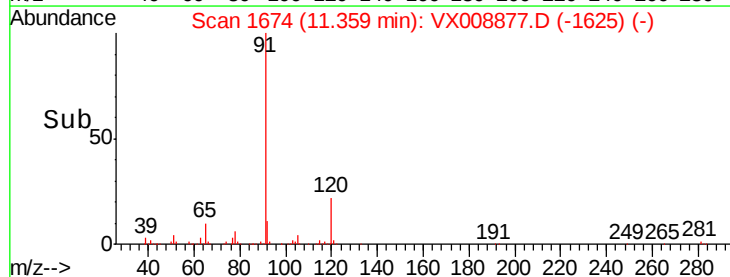
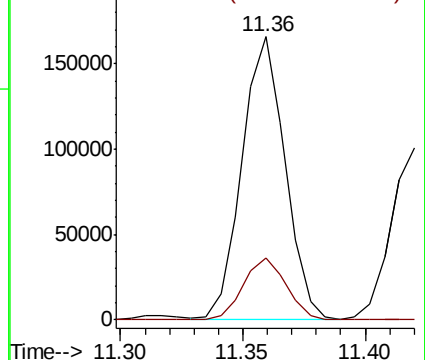
91 100

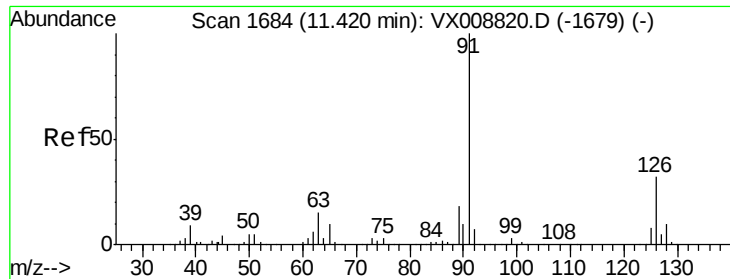
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

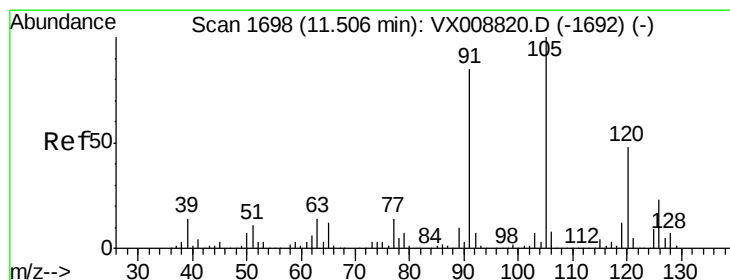
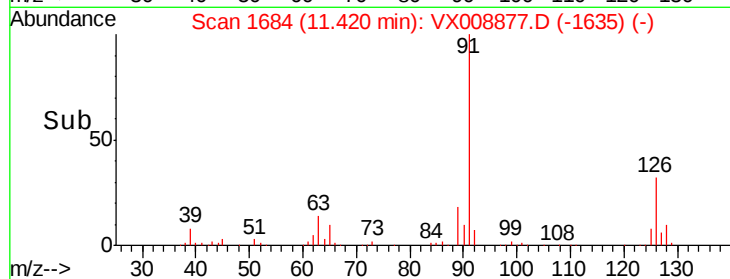
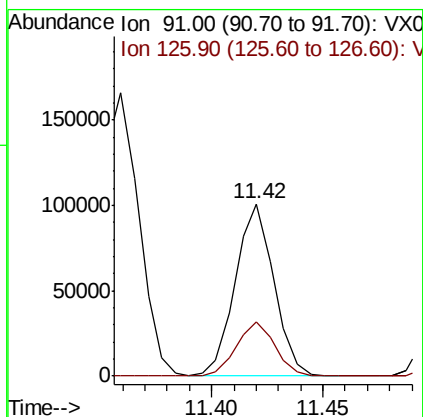
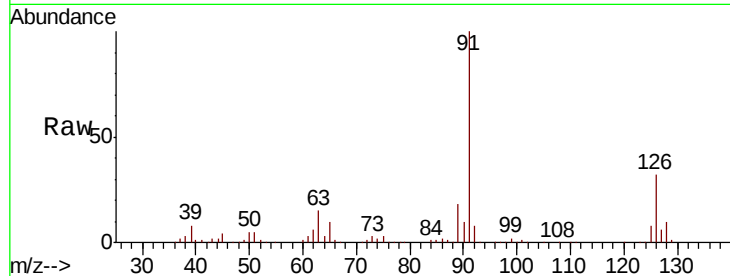




#79
 2-Chlorotoluene
 Concen: 19.440 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

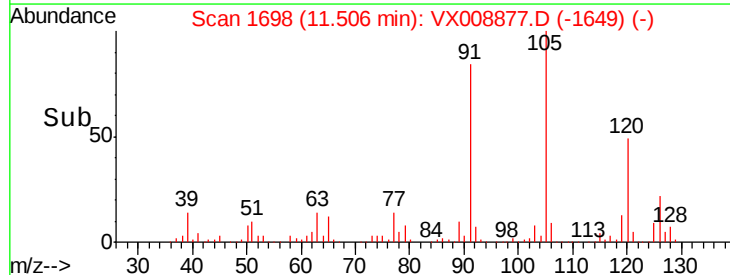
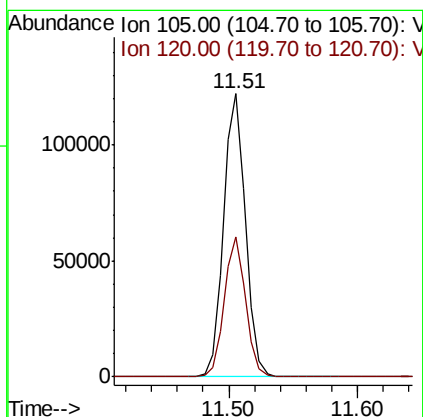
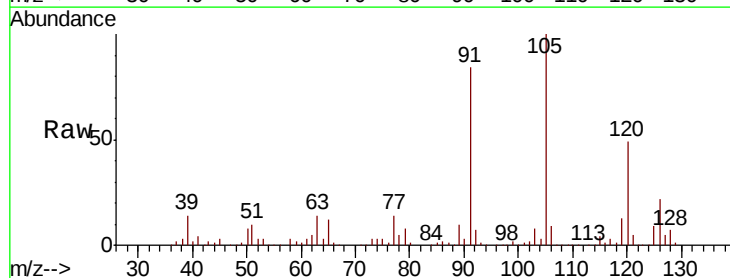
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

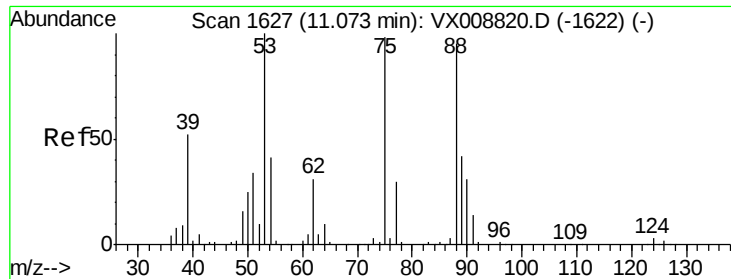
Tot Ion: 91 Resp: 121488
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.631 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion:105 Resp: 146148
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.110 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

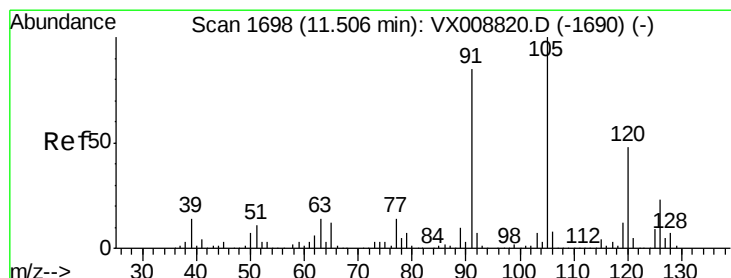
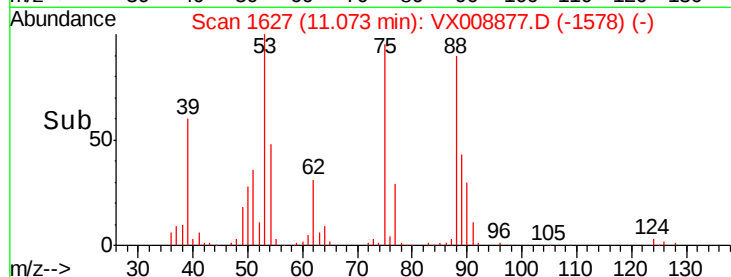
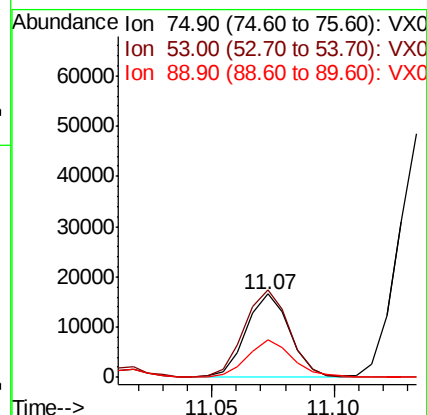
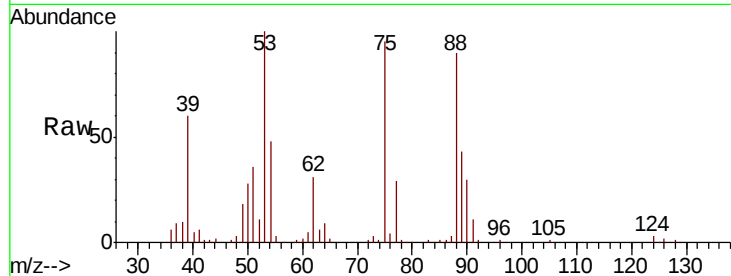
Tot Ion: 75 Resp: 20382

Ion Ratio Lower Upper

75 100

53 110.4 81.3 121.9

89 47.6 35.6 53.4



#82

4-Chlorotoluene

Concen: 19.016 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008877.D

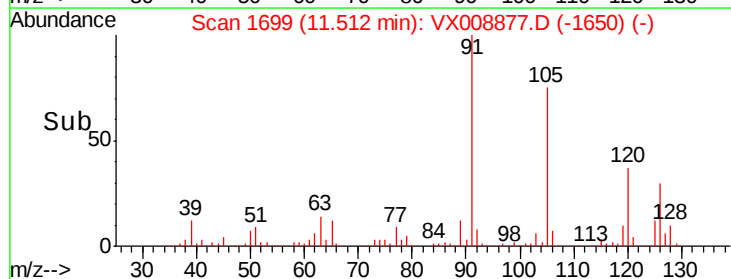
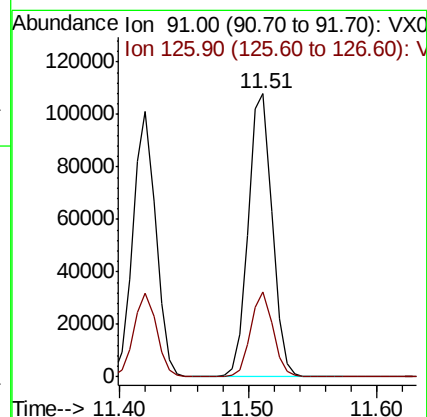
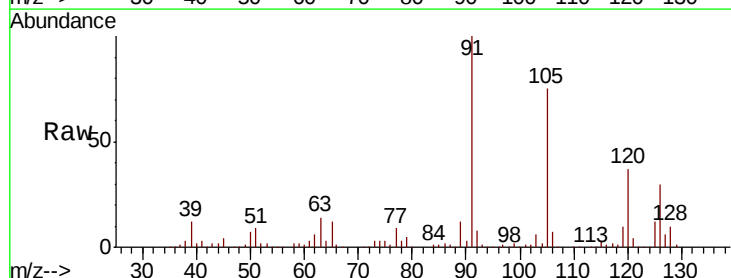
Acq: 12 Apr 2019 11:37

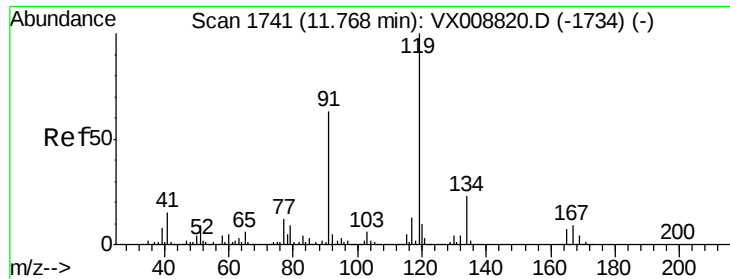
Tgt Ion: 91 Resp: 137557

Ion Ratio Lower Upper

91 100

126 28.3 13.9 41.6





#83

tert-Butylbenzene

Concen: 19.412 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

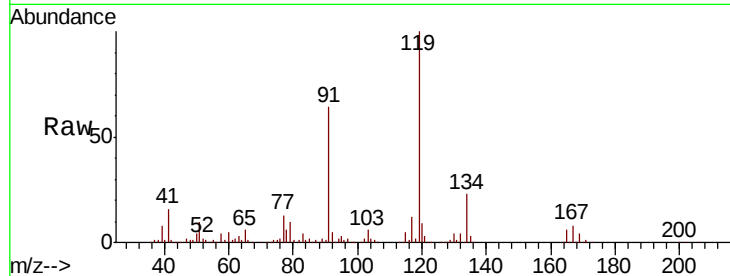
Tot Ion:119 Resp: 139039

Ion Ratio Lower Upper

119 100

91 60.2 30.0 90.1

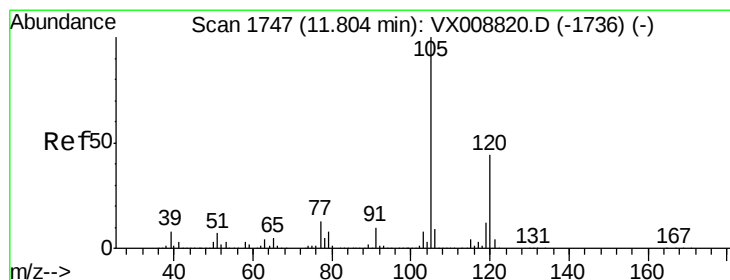
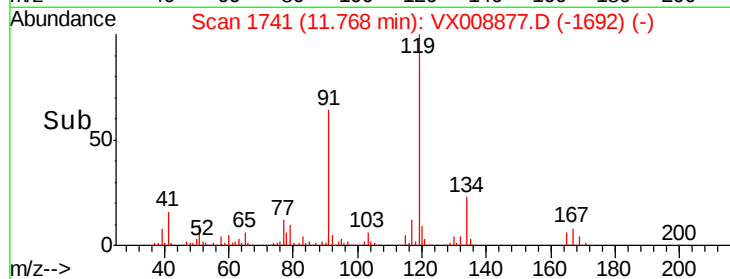
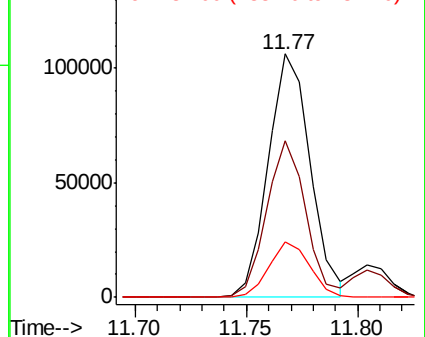
134 22.2 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.857 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008877.D

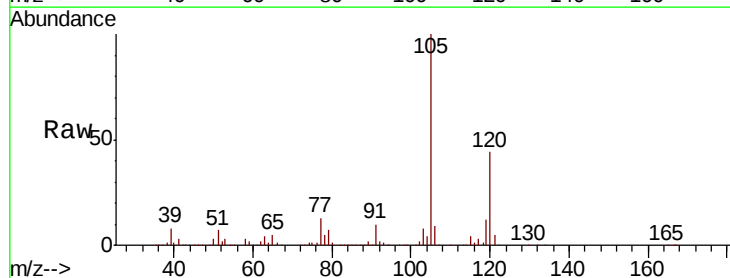
Acq: 12 Apr 2019 11:37

Tgt Ion:105 Resp: 149692

Ion Ratio Lower Upper

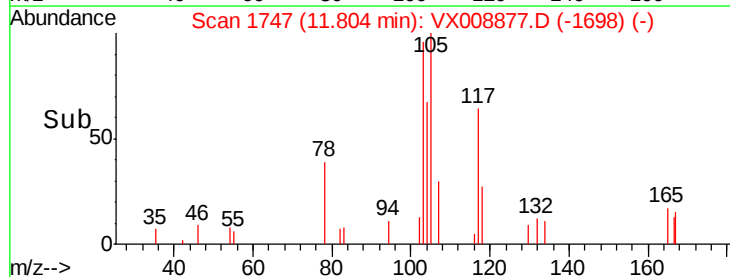
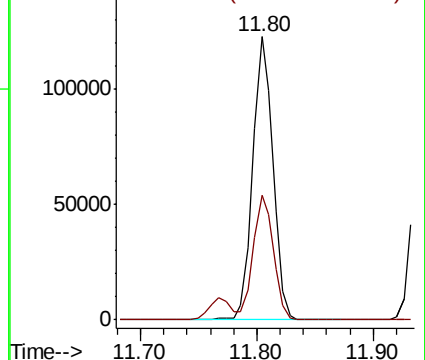
105 100

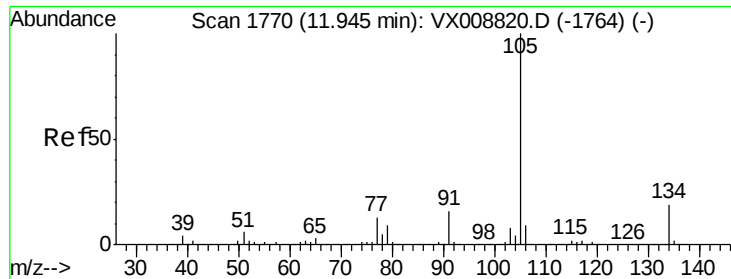
120 43.6 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.671 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

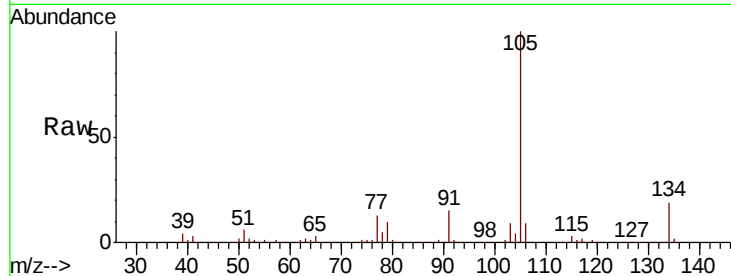
VX0412WBS01

Tot Ion:105 Resp: 167355

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

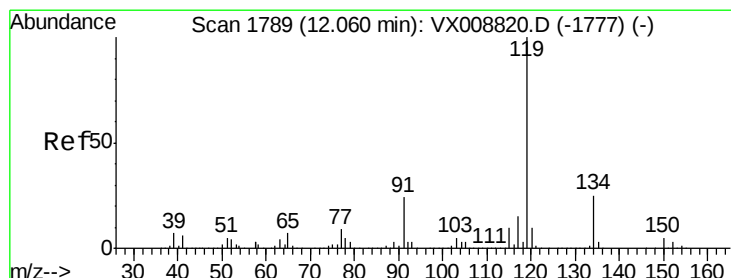
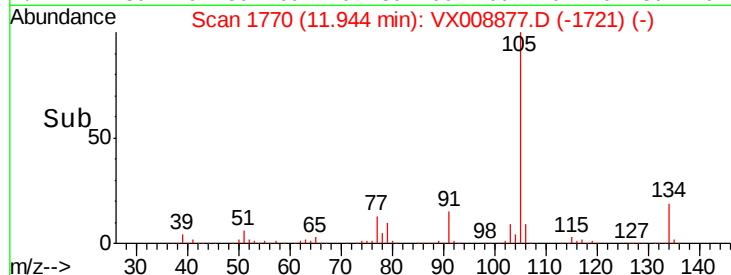
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.087 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

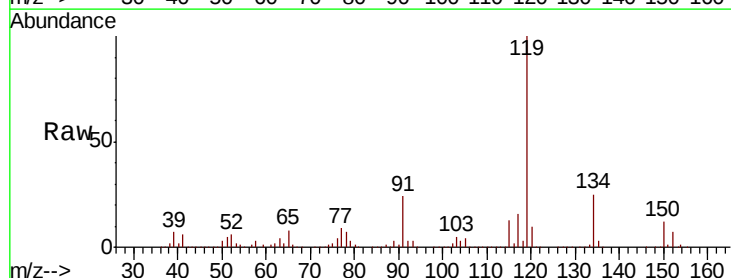
Tgt Ion:119 Resp: 153388

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 24.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

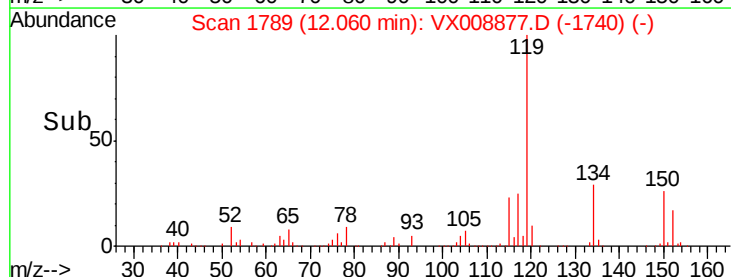
150000

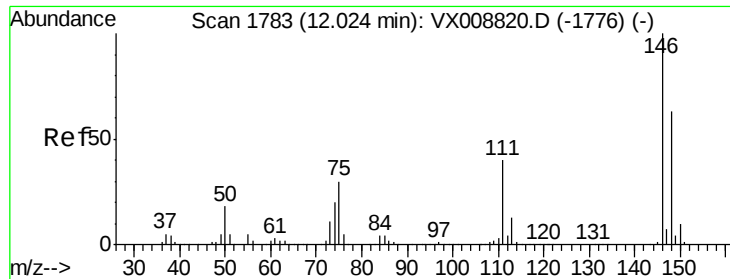
100000

50000

0

Time-->

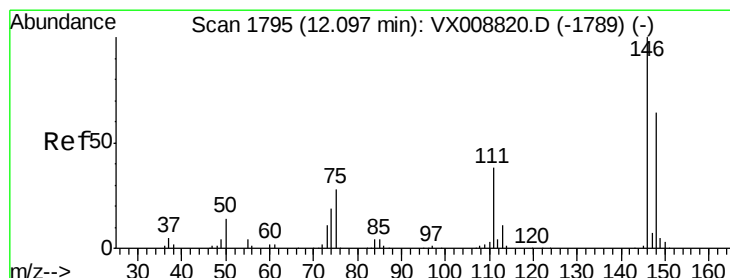
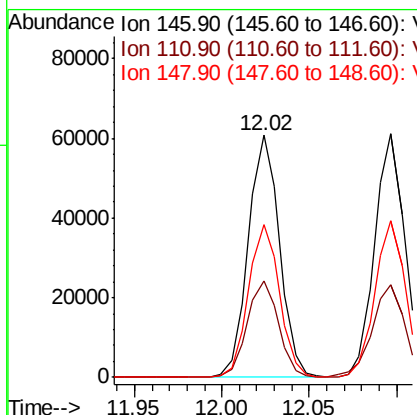
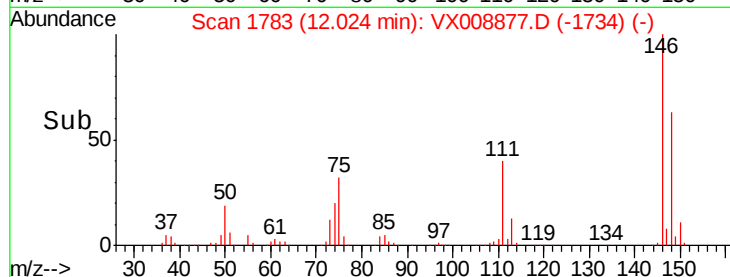
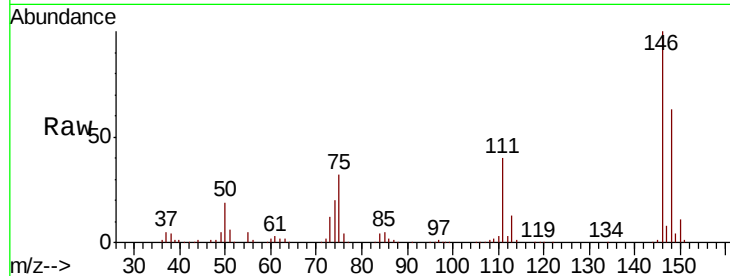




#87
 1,3-Dichlorobenzene
 Concen: 19.746 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

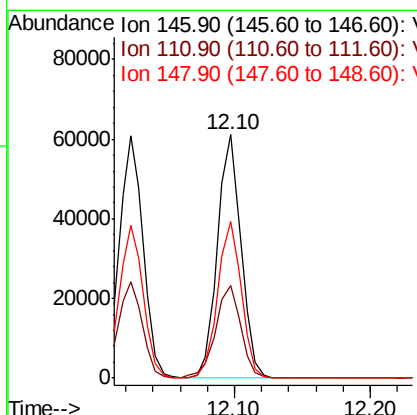
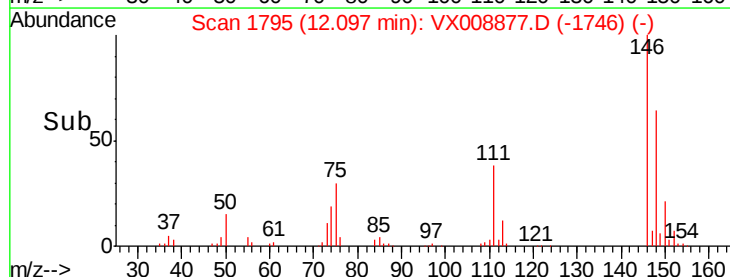
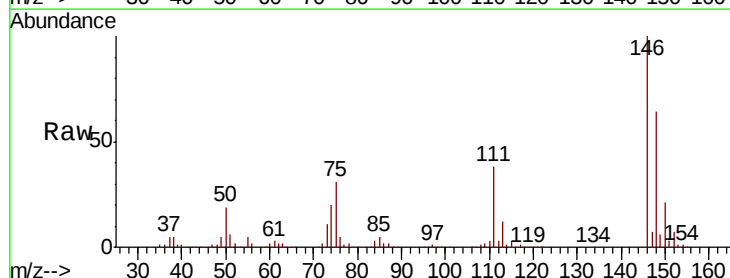
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

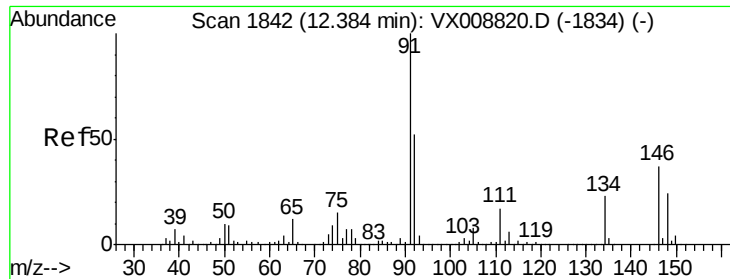
Tot Ion:146 Resp: 75372
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.5
 148 62.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.008 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion:146 Resp: 73470
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.6
 148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 19.366 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

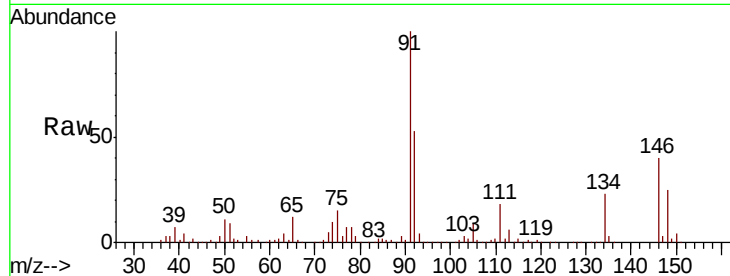
Tot Ion: 91 Resp: 138687

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

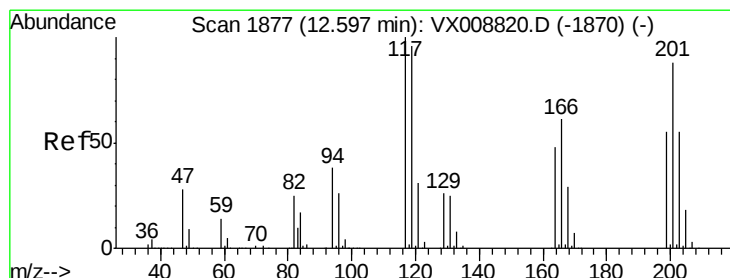
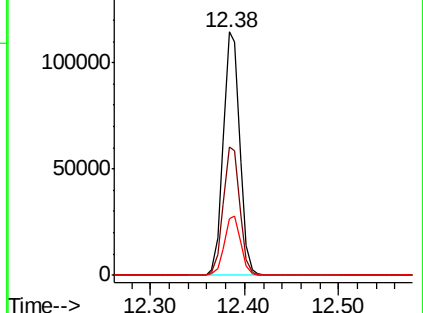
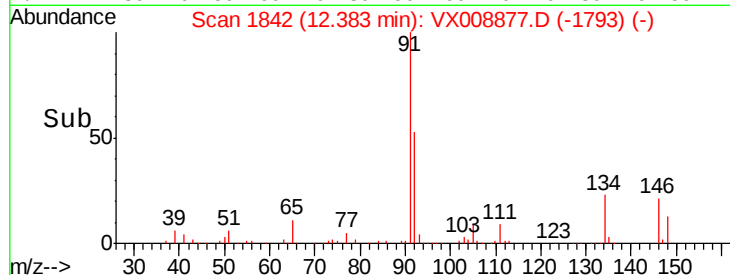
134 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.631 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008877.D

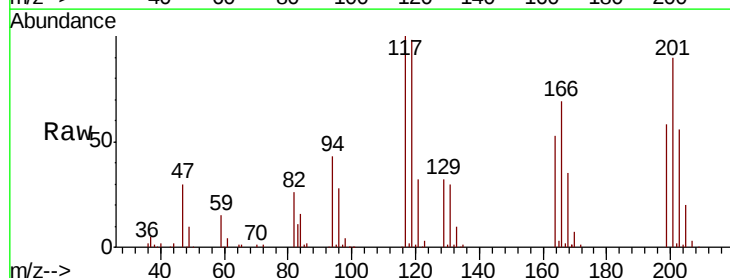
Acq: 12 Apr 2019 11:37

Tgt Ion: 117 Resp: 23597

Ion Ratio Lower Upper

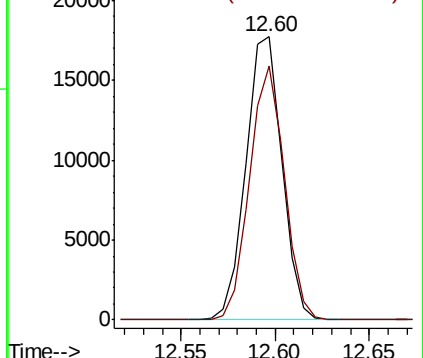
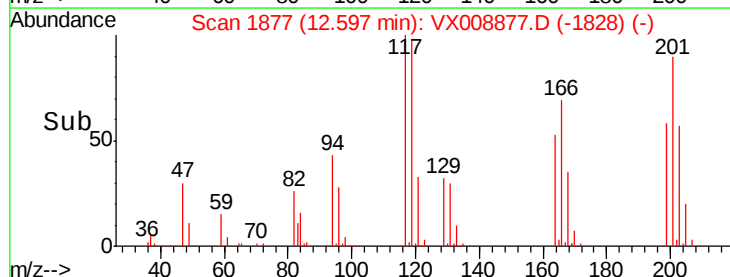
117 100

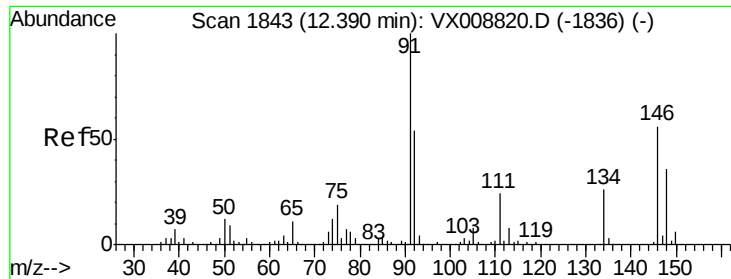
201 86.4 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

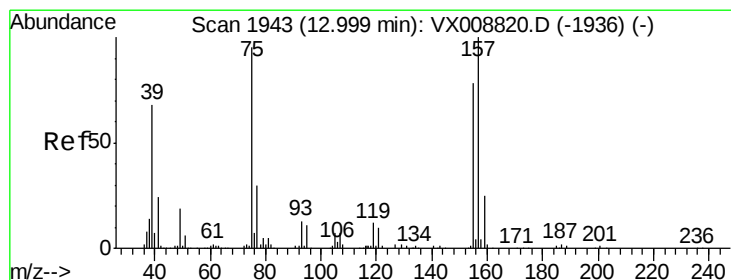
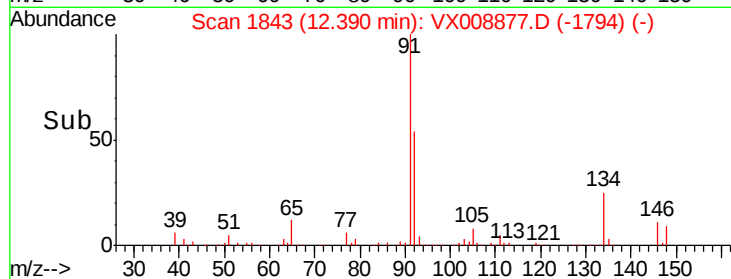
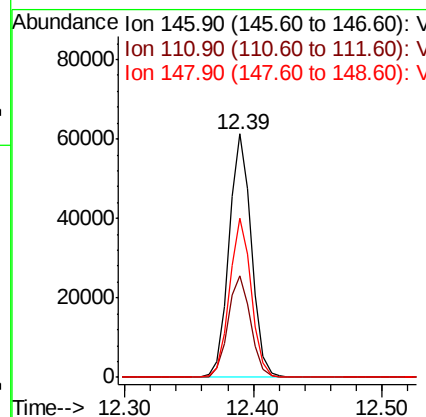
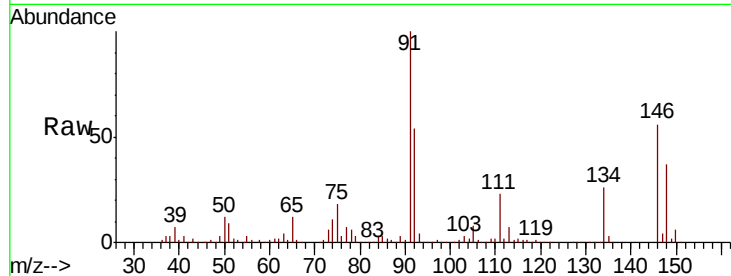




#91
 1,2-Dichlorobenzene
 Concen: 19.725 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

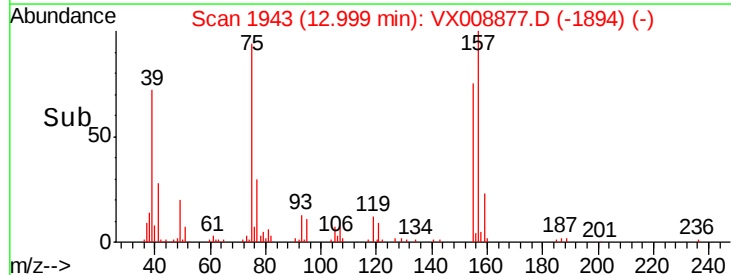
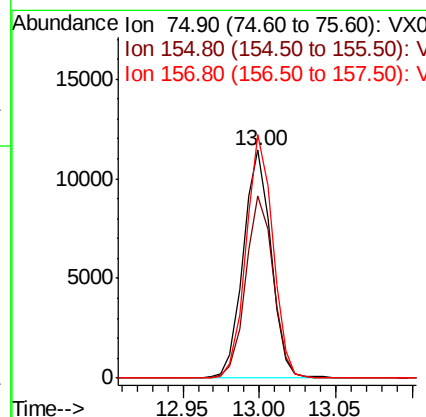
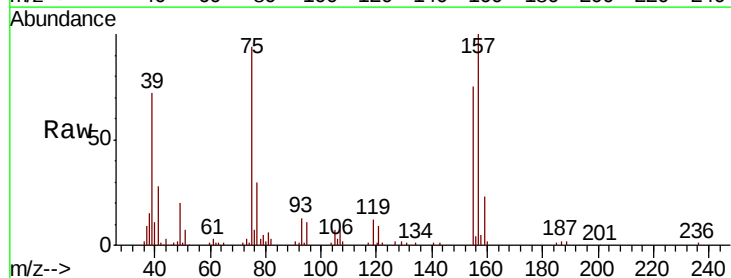
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

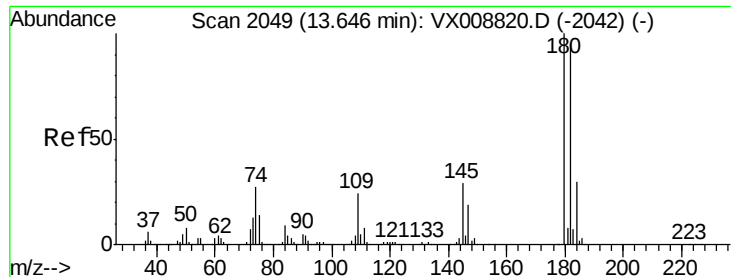
Tot Ion:146 Resp: 74753
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.292 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 75 Resp: 14315
 Ion Ratio Lower Upper
 75 100
 155 79.7 39.9 119.6
 157 103.1 51.5 154.7

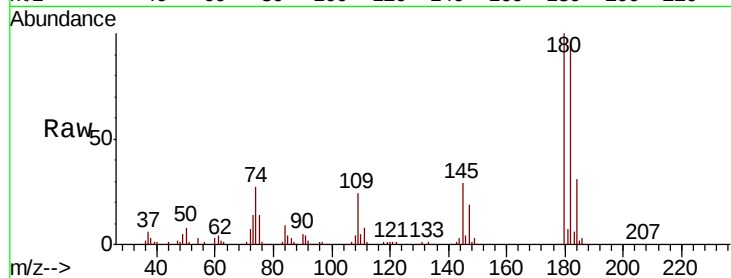




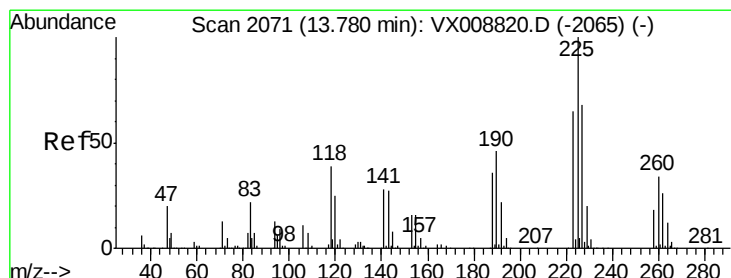
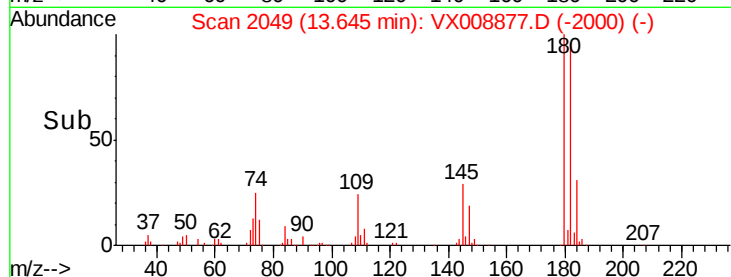
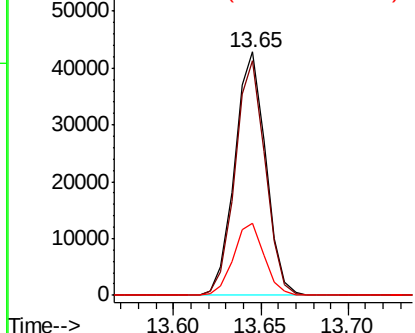
#93
 1,2,4-Trichlorobenzene
 Concen: 19.988 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion:180 Resp: 52670
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 29.4 15.3 45.9

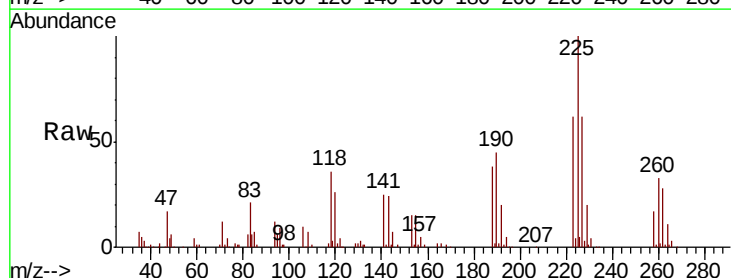


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

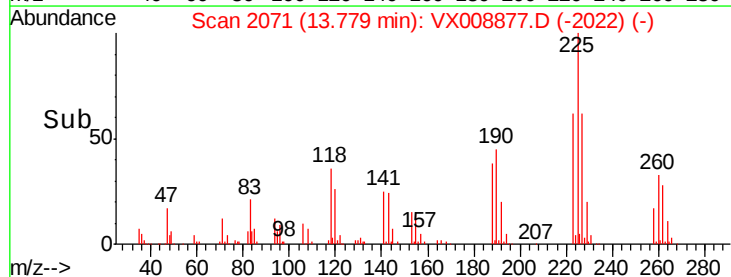
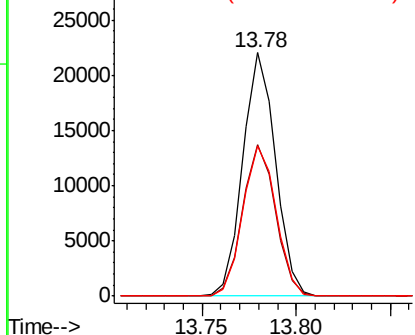


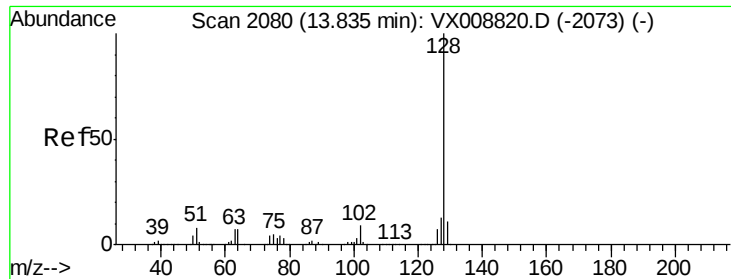
#94
 Hexachlorobutadiene
 Concen: 20.974 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion:225 Resp: 26505
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 63.3 31.9 95.5



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: 19.670 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

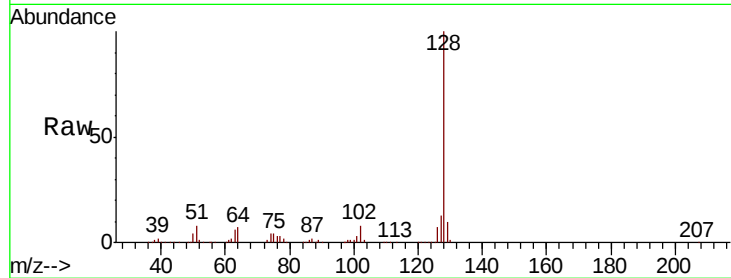
Tot Ion:128 Resp: 173233

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

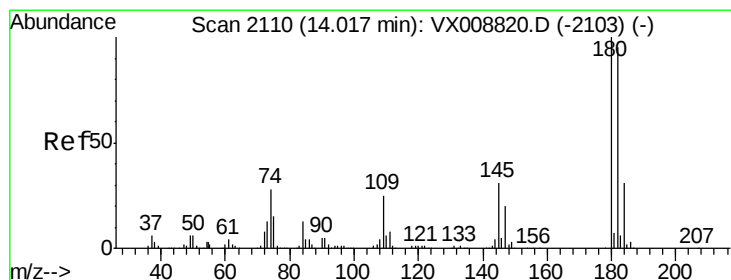
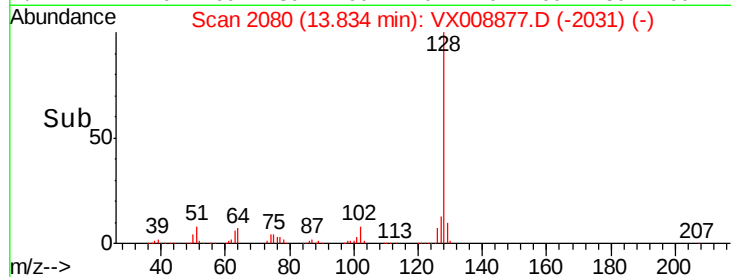
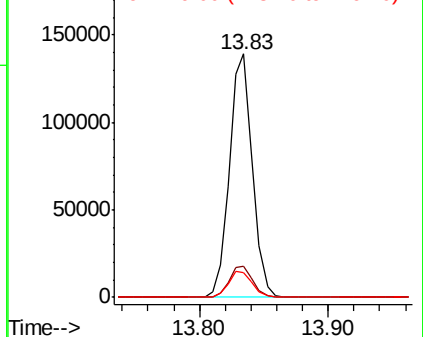
129 11.0 8.6 13.0



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: 19.831 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

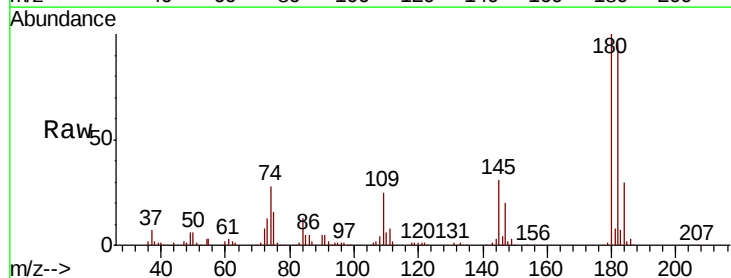
Tgt Ion:180 Resp: 52209

Ion Ratio Lower Upper

180 100

182 96.5 48.1 144.3

145 31.2 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

