

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009236.D
 Acq On : 30 Apr 2019 11:24
 Operator : JC/SP
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Quant Time: May 01 01:19:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133534	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	99463	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	8.71	98	407935	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	146060	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39184	19.845	ug/l	99
3) Chloromethane	1.32	50	52935	19.637	ug/l	99
4) Vinyl Chloride	1.41	62	51642	19.646	ug/l	98
5) Bromomethane	1.64	94	29975	18.999	ug/l	98
6) Chloroethane	1.72	64	31808	18.847	ug/l	99
7) Trichlorofluoromethane	1.93	101	62800	19.654	ug/l	99
8) Diethyl Ether	2.18	74	29143	19.255	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39987	19.929	ug/l	100
10) Methyl Iodide	2.51	142	38729	19.680	ug/l	99
11) Tert butyl alcohol	3.04	59	62371	92.121	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39797	19.795	ug/l	97
13) Acrolein	2.29	56	50545	82.433	ug/l	98
14) Allyl chloride	2.73	41	91808	18.739	ug/l	99
15) Acrylonitrile	3.14	53	154623	93.402	ug/l	99
16) Acetone	2.44	43	146370	93.194	ug/l	99
17) Carbon Disulfide	2.57	76	108294	19.186	ug/l	99
18) Methyl Acetate	2.77	43	69359	18.569	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149183	19.109	ug/l	100
20) Methylene Chloride	2.85	84	46913	18.448	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41777	19.161	ug/l	98
22) Diisopropyl ether	3.85	45	183634	19.490	ug/l	99
23) Vinyl Acetate	3.81	43	791791	98.137	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89343	19.222	ug/l	100
25) 2-Butanone	4.67	43	233221	95.557	ug/l	100
26) 2,2-Dichloropropane	4.58	77	65414	18.907	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	49270	18.932	ug/l	100
28) Bromochloromethane	5.02	49	35209	17.009	ug/l	98
29) Tetrahydrofuran	5.13	42	150305	95.702	ug/l	99
30) Chloroform	5.21	83	80972	19.261	ug/l	100
31) Cyclohexane	5.58	56	86861	20.086	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	65697	18.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61916	19.550	ug/l	99
37) Ethyl Acetate	4.83	43	84362	19.118	ug/l	100
38) Carbon Tetrachloride	5.79	117	55022	19.122	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0430WBS01

Quant Time: May 01 01:19:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78982	20.307	ug/l	99
40) Benzene	6.14	78	190840	19.471	ug/l	98
41) Methacrylonitrile	5.04	41	48620	18.510	ug/l	99
42) 1,2-Dichloroethane	6.19	62	67058	19.073	ug/l	100
43) Isopropyl Acetate	6.44	43	136020	19.271	ug/l	100
44) Trichloroethene	7.21	130	45196	19.074	ug/l	97
45) 1,2-Dichloropropane	7.51	63	54568	19.662	ug/l	97
46) Dibromomethane	7.66	93	30699	19.048	ug/l	99
47) Bromodichloromethane	7.90	83	60923	18.950	ug/l	99
48) Methyl methacrylate	7.77	41	67993	19.417	ug/l	100
49) 1,4-Dioxane	7.74	88	26783	377.147	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	443950	96.231	ug/l	100
52) Toluene	8.78	92	117480	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	69224	19.072	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	78316	19.494	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46096	18.964	ug/l	95
56) Ethyl methacrylate	9.18	69	84091	19.381	ug/l	100
57) 1,3-Dichloropropane	9.37	76	83513	19.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	215021	93.415	ug/l	100
59) 2-Hexanone	9.49	43	347273	95.845	ug/l	100
60) Dibromochloromethane	9.58	129	45541	19.183	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47749	19.461	ug/l	99
64) Tetrachloroethene	9.34	164	42222	20.380	ug/l	97
65) Chlorobenzene	10.13	112	118886	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41849	19.106	ug/l	98
67) Ethyl Benzene	10.25	91	223086	20.063	ug/l	98
68) m/p-Xylenes	10.36	106	163239	40.174	ug/l	97
69) o-Xylene	10.69	106	78544	19.592	ug/l	98
70) Styrene	10.71	104	137828	19.780	ug/l	98
71) Bromoform	10.85	173	33079	18.583	ug/l #	99
73) Isopropylbenzene	11.02	105	215312	20.061	ug/l	99
74) N-amyl acetate	10.90	43	119488	19.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75899	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	88081	25.727	ug/l	82
77) Bromobenzene	11.26	156	52281	19.625	ug/l	99
78) n-propylbenzene	11.36	91	249756	20.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	147898	19.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181602	20.095	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24632	18.409	ug/l	95
82) 4-Chlorotoluene	11.51	91	169458	19.835	ug/l	98
83) tert-Butylbenzene	11.77	119	174390	19.837	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182135	20.079	ug/l	99
85) sec-Butylbenzene	11.94	105	208567	20.011	ug/l	99
86) p-Isopropyltoluene	12.06	119	191019	20.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	93609	19.711	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	92909	19.405	ug/l	99
89) n-Butylbenzene	12.38	91	172410	20.358	ug/l	99
90) Hexachloroethane	12.60	117	30779	19.281	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	94107	19.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17980	20.032	ug/l	96

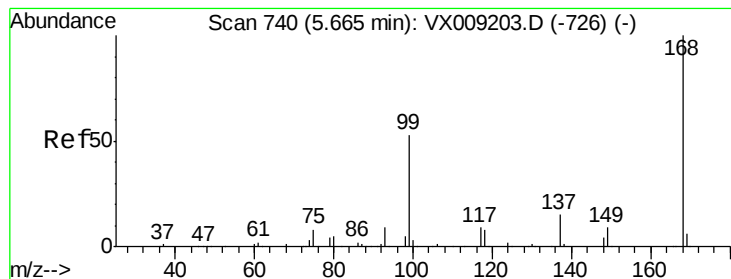
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009236.D
Acq On : 30 Apr 2019 11:24
Operator : JC/SP
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Instrument :
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ClientSampleId :
VX0430WBS01

Quant Time: May 01 01:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66305	20.046	ug/l	100
94) Hexachlorobutadiene	13.78	225	33534	19.853	ug/l	99
95) Naphthalene	13.83	128	222254	20.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	69153	20.625	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

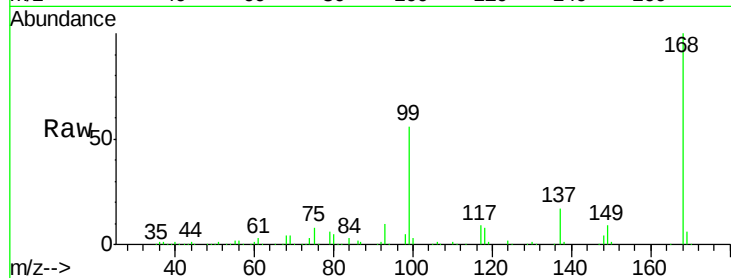
VX0430WBS01

Tot Ion:168 Resp: 214264

Ion Ratio Lower Upper

168 100

99 56.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

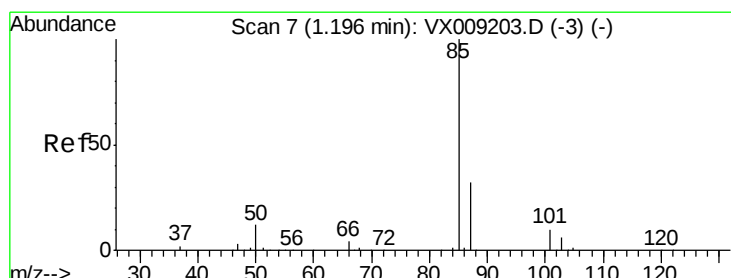
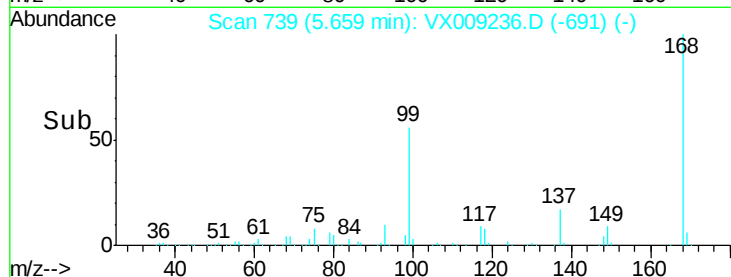
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.845 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009236.D

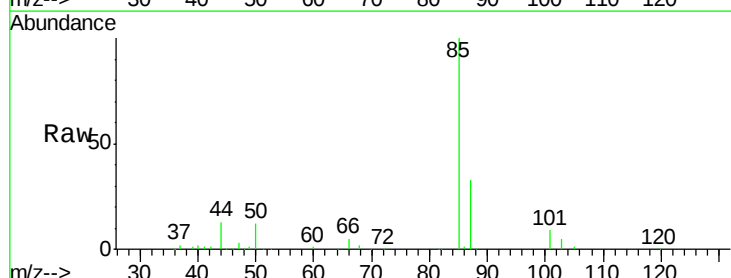
Acq: 30 Apr 2019 11:24

Tgt Ion: 85 Resp: 39184

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

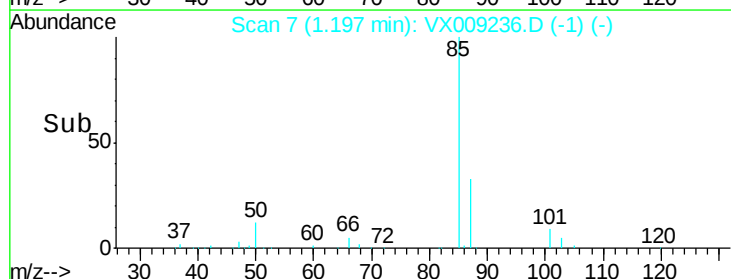
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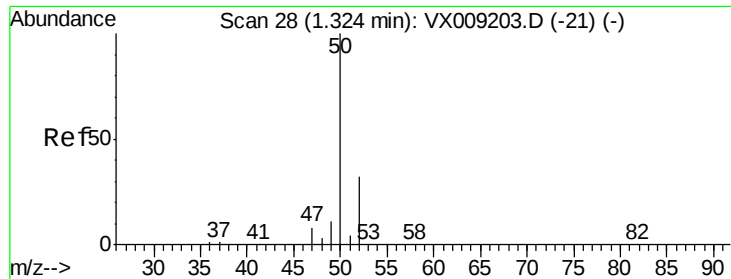
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.637 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

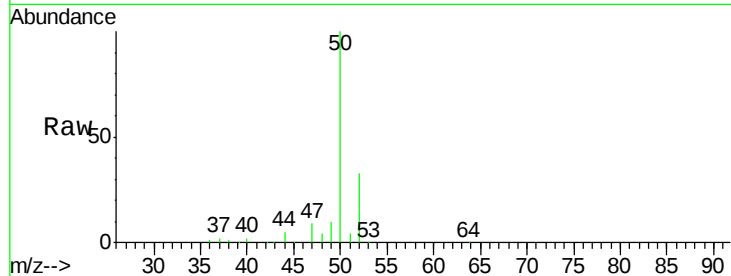
VX0430WBS01

Tot Ion: 50 Resp: 52935

Ion Ratio Lower Upper

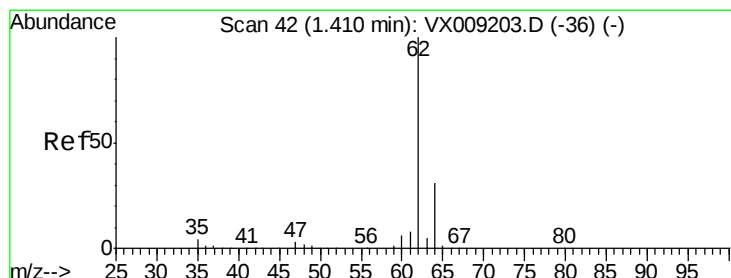
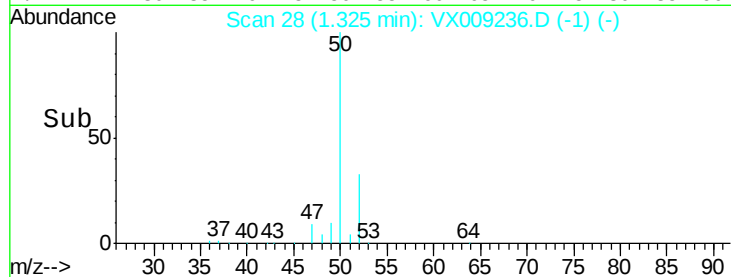
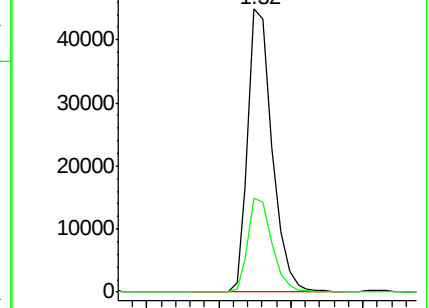
50 100

52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.646 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009236.D

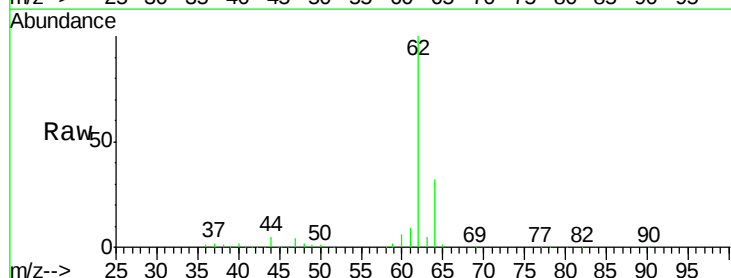
Acq: 30 Apr 2019 11:24

Tgt Ion: 62 Resp: 51642

Ion Ratio Lower Upper

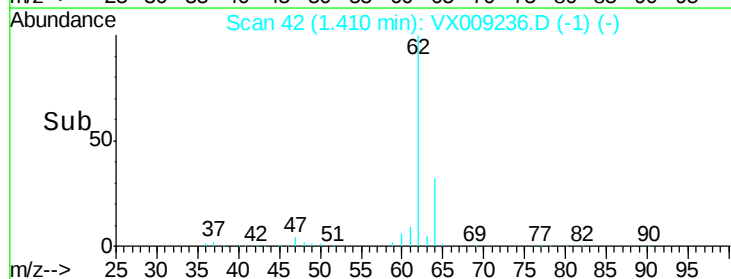
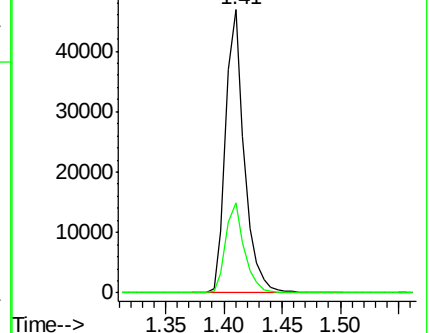
62 100

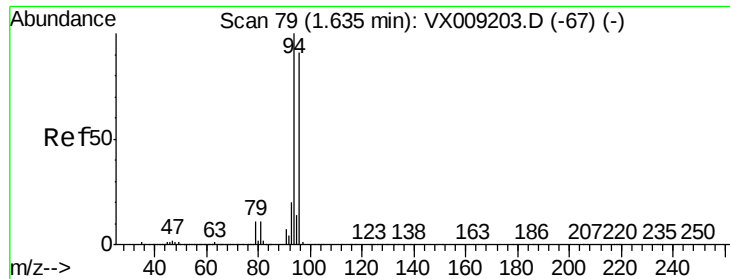
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.999 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

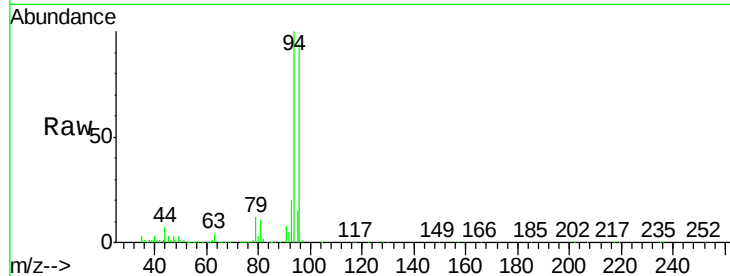
VX0430WBS01

Tot Ion: 94 Resp: 29975

Ion Ratio Lower Upper

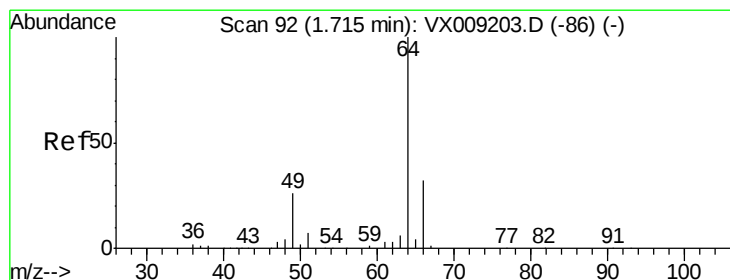
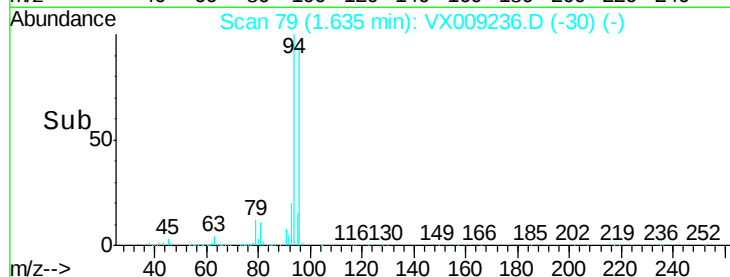
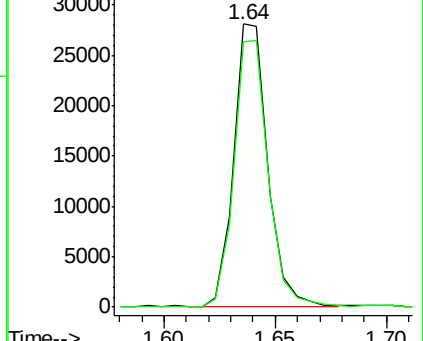
94 100

96 93.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.847 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009236.D

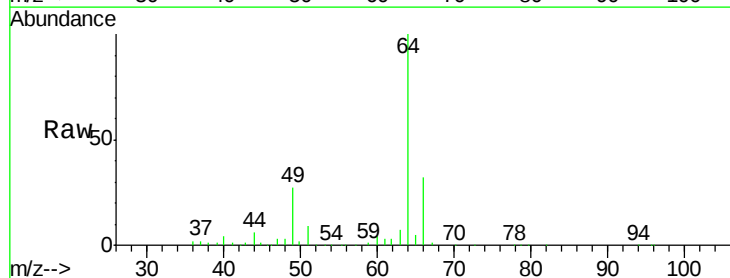
Acq: 30 Apr 2019 11:24

Tgt Ion: 64 Resp: 31808

Ion Ratio Lower Upper

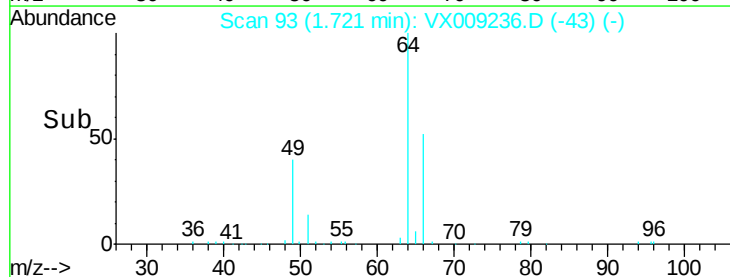
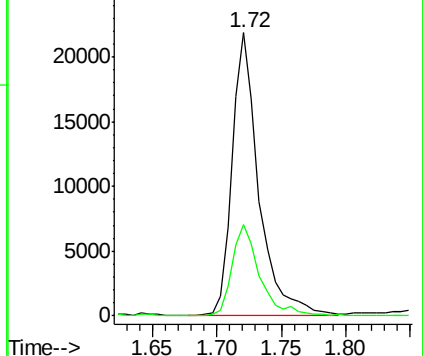
64 100

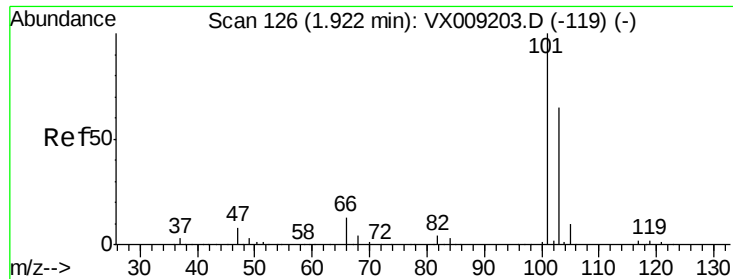
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



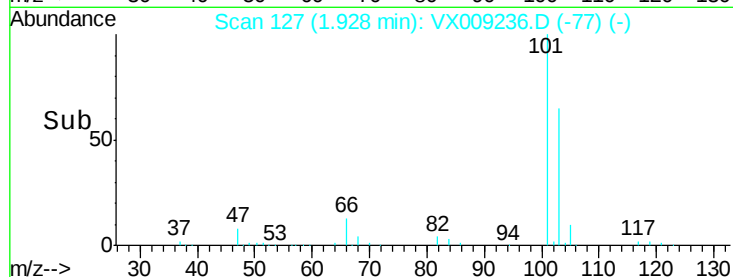
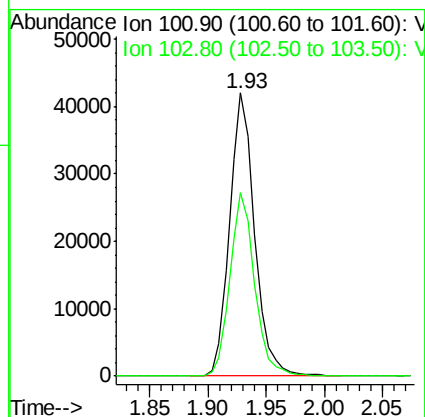
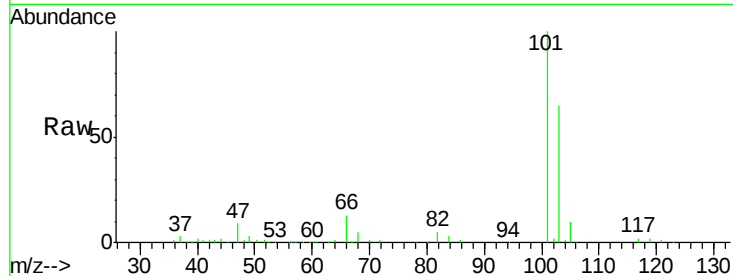


#7

Trichlorofluoromethane
 Concen: 19.654 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

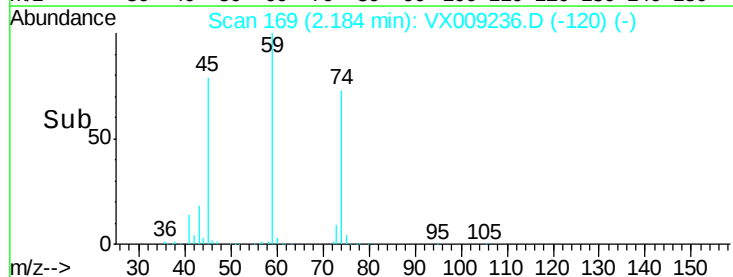
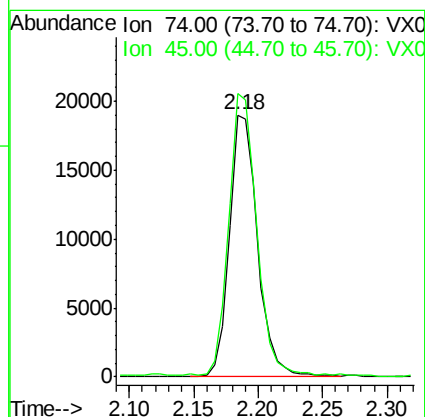
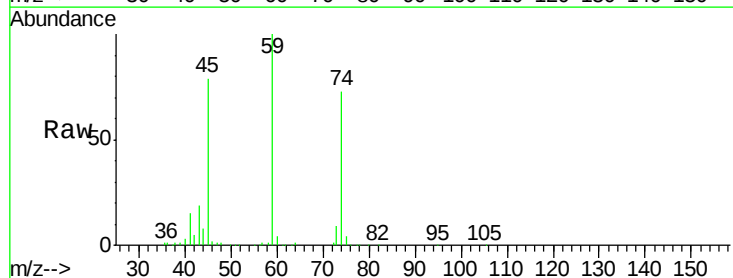
Tot Ion:101 Resp: 62800
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6



#8

Diethyl Ether
 Concen: 19.255 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion: 74 Resp: 29143
 Ion Ratio Lower Upper
 74 100
 45 108.5 53.3 159.9

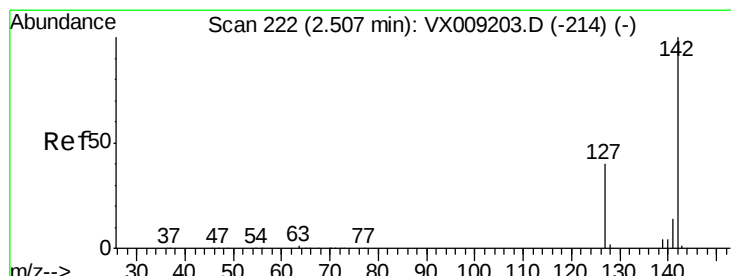
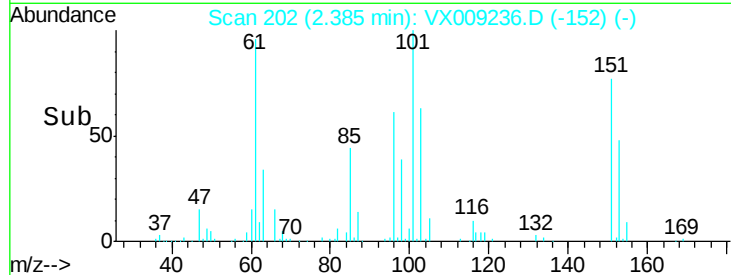
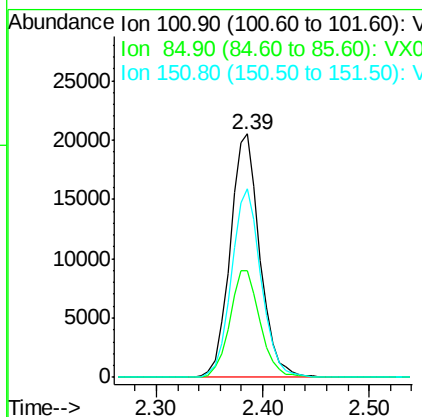
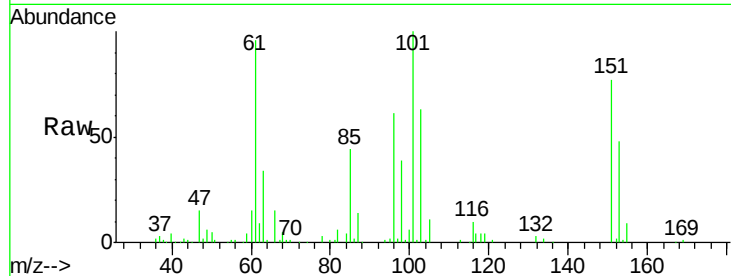




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.929 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

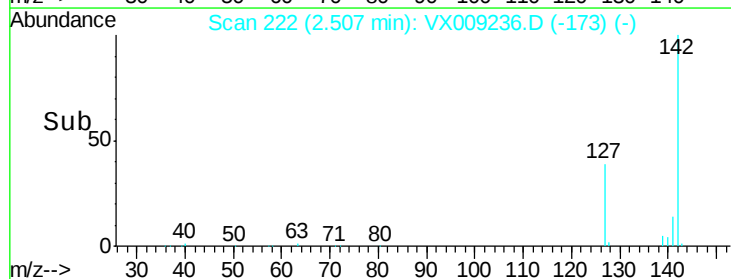
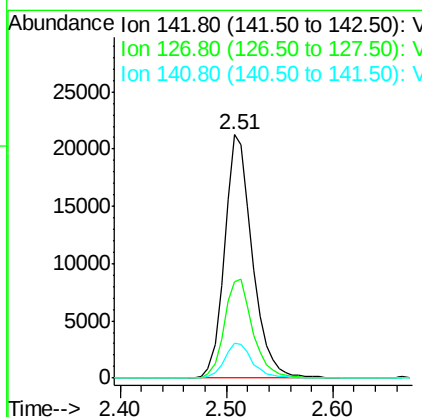
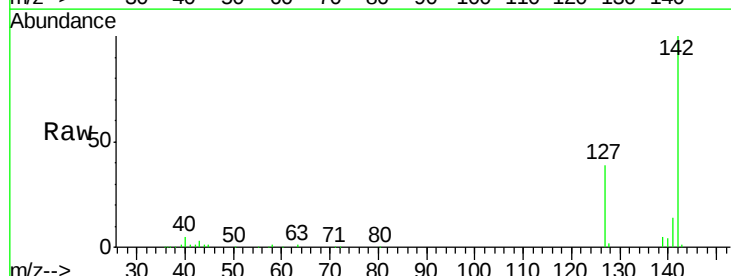
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

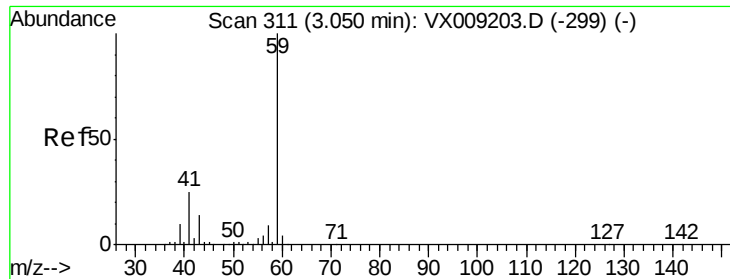
Tot Ion:101 Resp: 39987
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.7 53.5
 151 77.8 62.2 93.2



#10
 Methyl Iodide
 Concen: 19.680 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:142 Resp: 38729
 Ion Ratio Lower Upper
 142 100
 127 41.5 32.7 49.1
 141 14.5 11.5 17.3

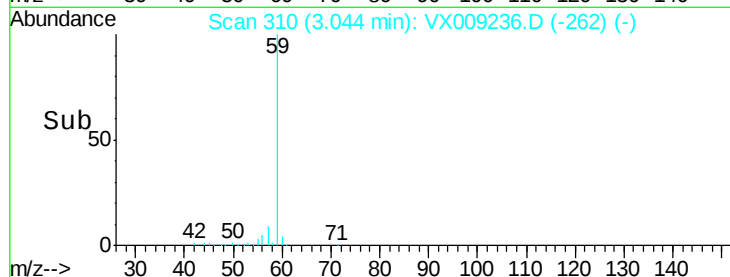
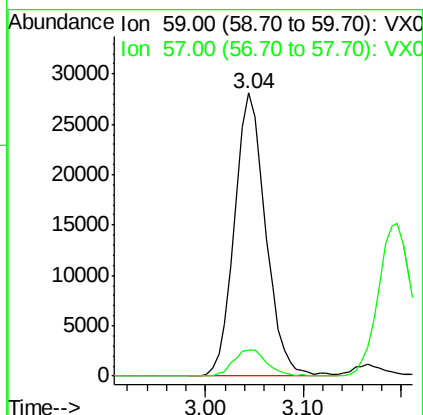
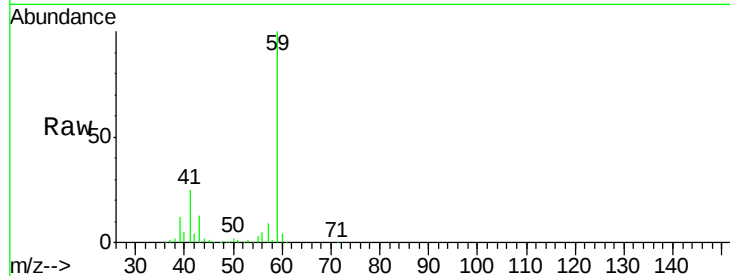




#11
Tert butyl alcohol
Concen: 92.121 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

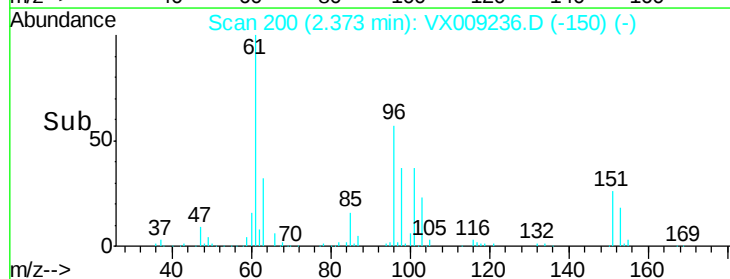
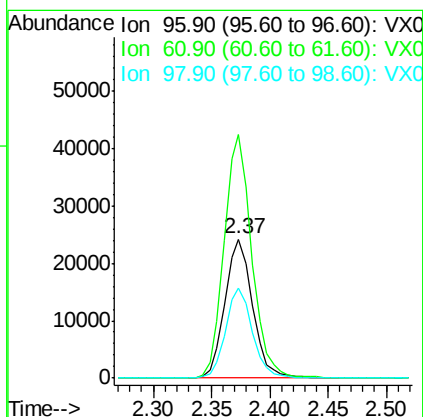
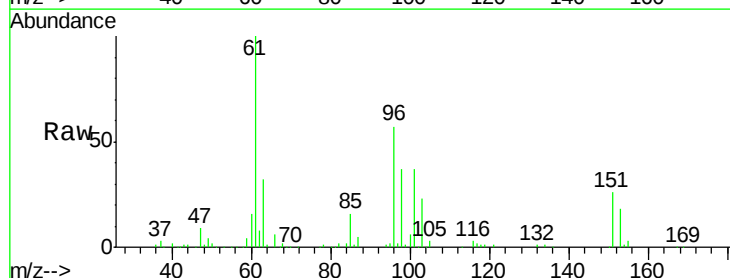
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

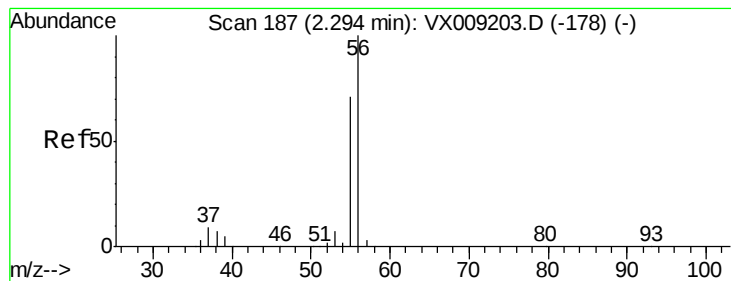
Tot Ion: 59 Resp: 62371
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.795 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 96 Resp: 39797
Ion Ratio Lower Upper
96 100
61 175.5 144.3 216.5
98 65.0 50.3 75.5





#13

Acrolein

Concen: 82.433 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

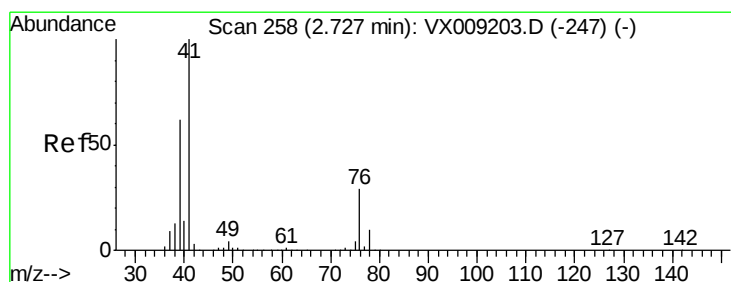
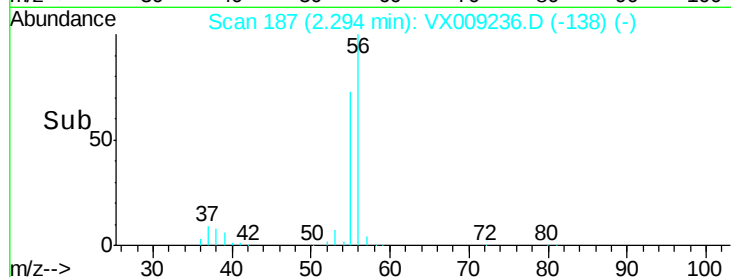
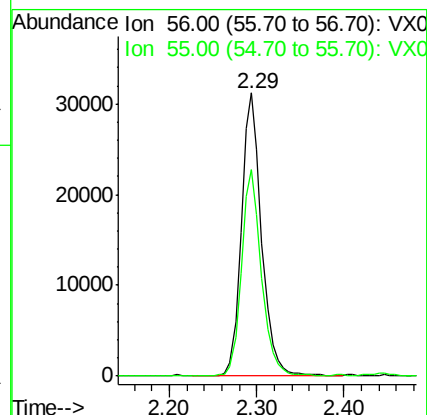
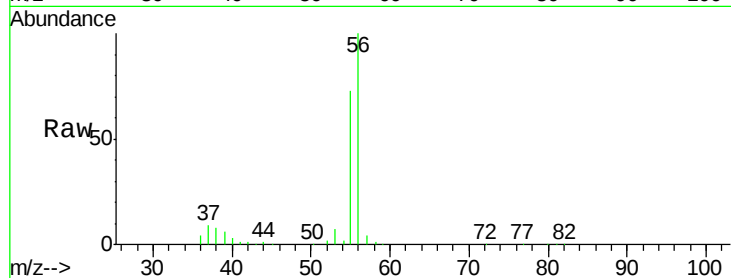
VX0430WBS01

Tot Ion: 56 Resp: 50545

Ion Ratio Lower Upper

56 100

55 72.2 56.6 85.0



#14

Allyl chloride

Concen: 18.739 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

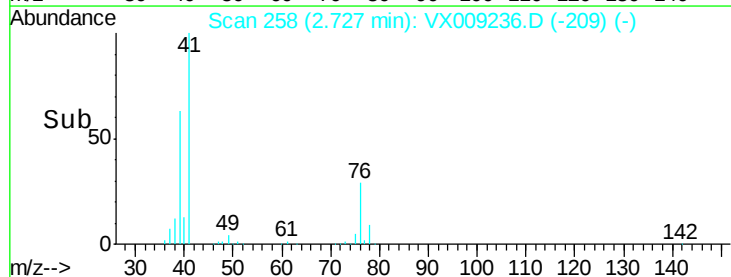
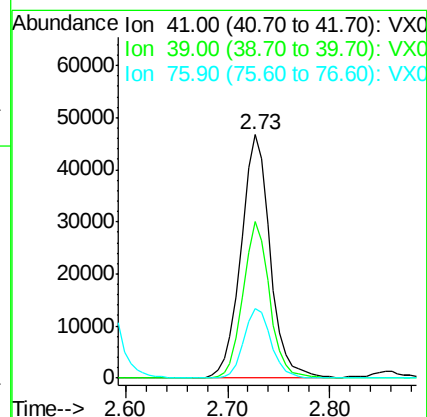
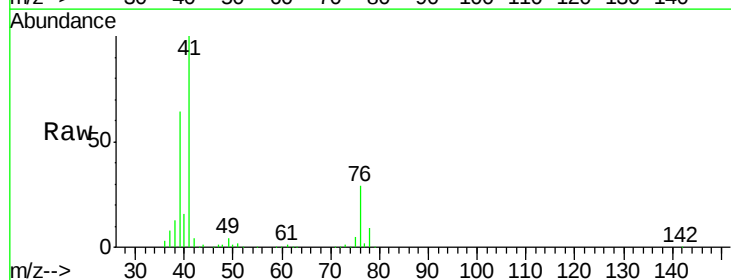
Tgt Ion: 41 Resp: 91808

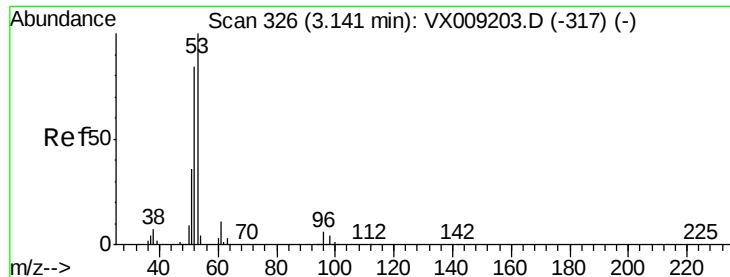
Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 93.402 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

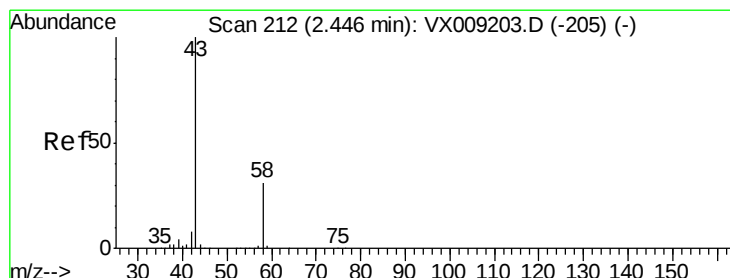
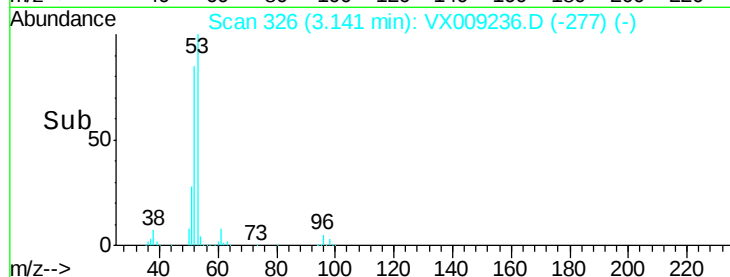
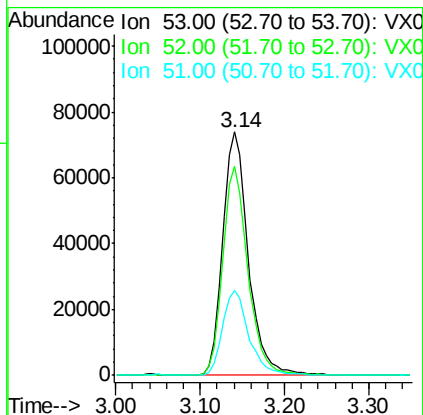
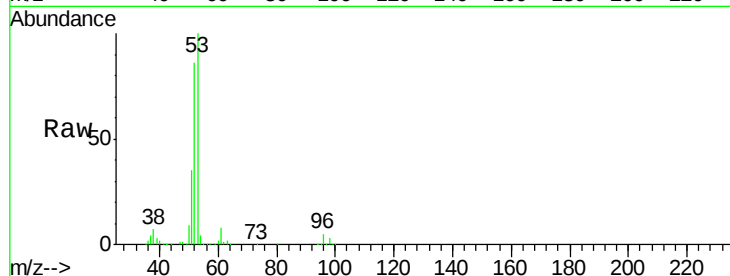
Tot Ion: 53 Resp: 154623

Ion Ratio Lower Upper

53 100

52 84.4 66.9 100.3

51 36.0 28.2 42.2



#16

Acetone

Concen: 93.194 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009236.D

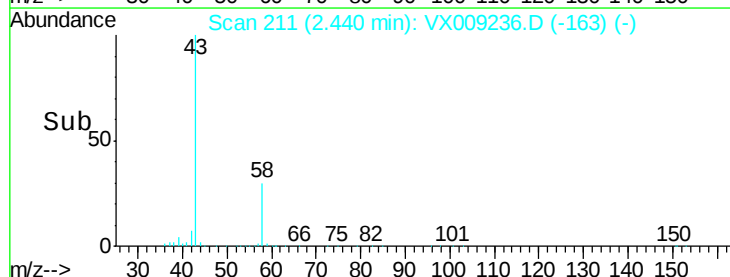
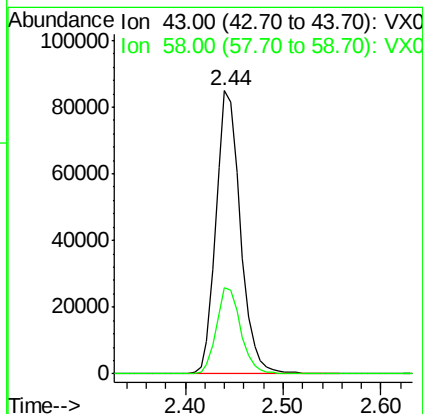
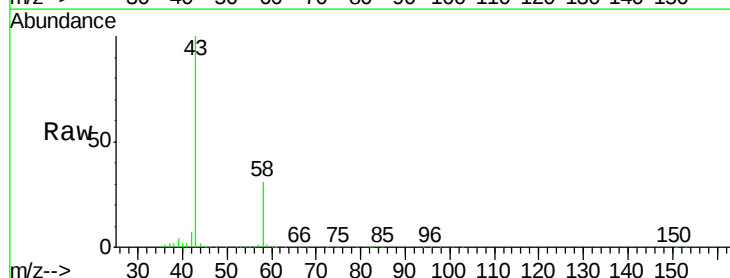
Acq: 30 Apr 2019 11:24

Tgt Ion: 43 Resp: 146370

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3

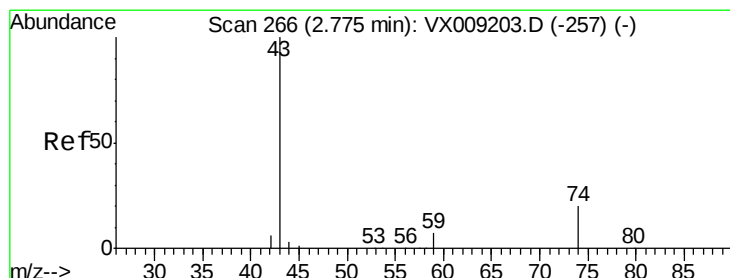
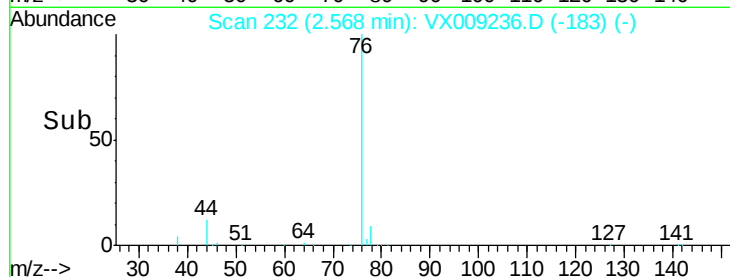
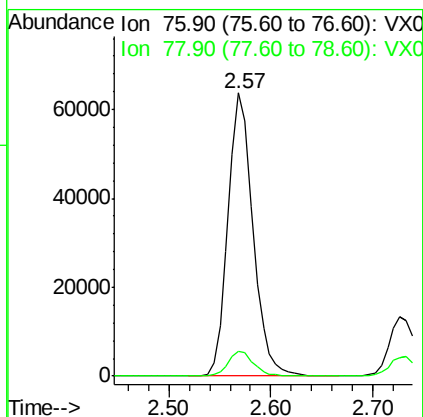
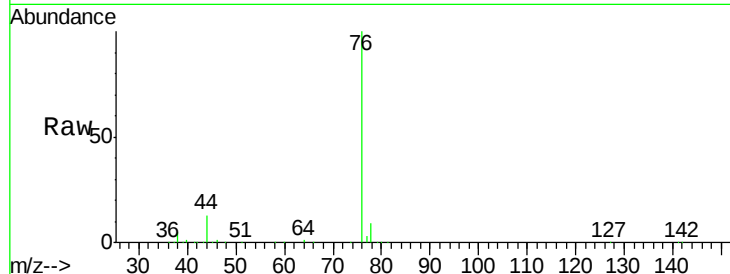




#17
Carbon Disulfide
Concen: 19.186 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

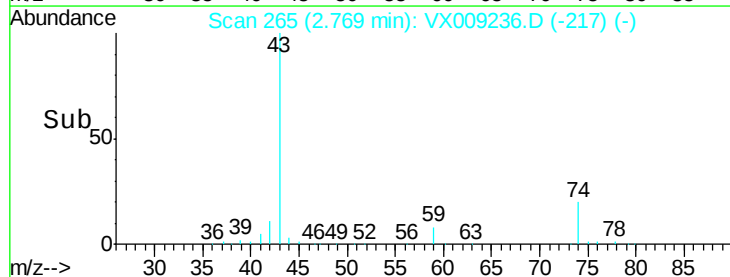
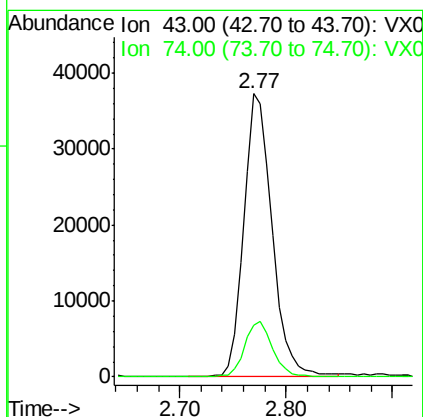
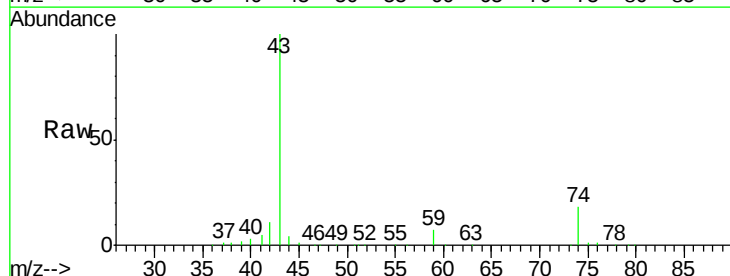
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion: 76 Resp: 108294
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 18.569 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 43 Resp: 69359
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4

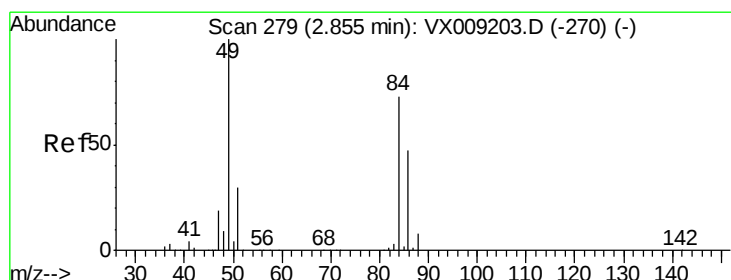
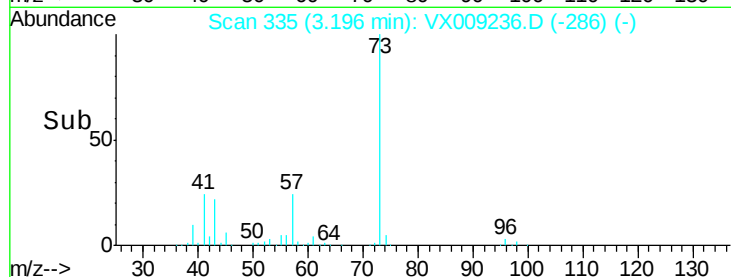
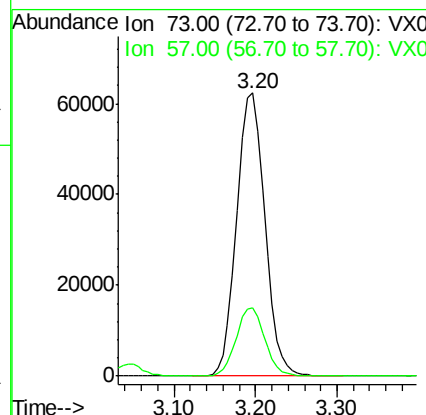
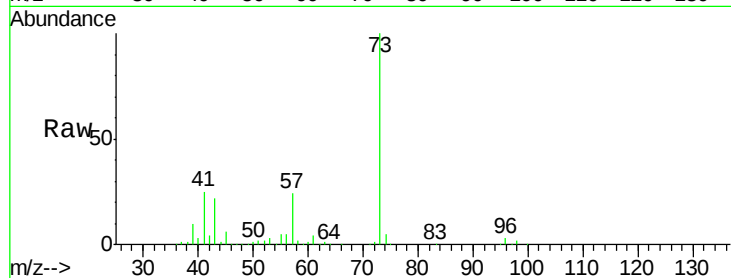




#19
Methyl tert-butyl Ether
Concen: 19.109 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

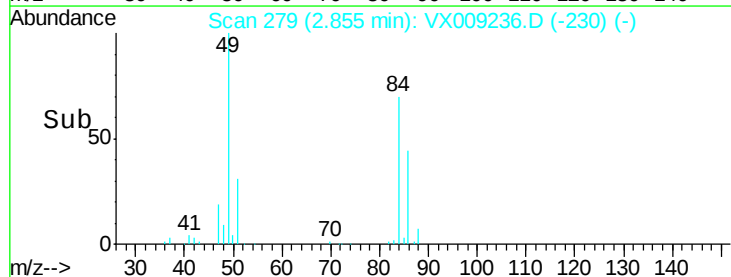
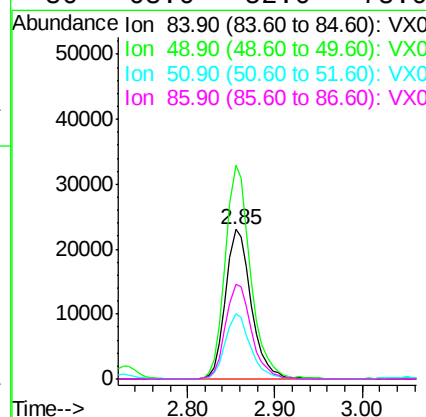
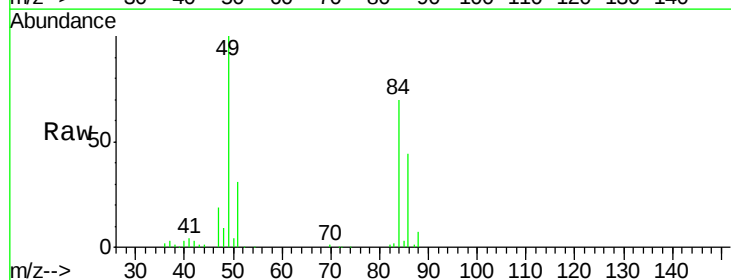
Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

Tot Ion: 73 Resp: 149183
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9



#20
Methylene Chloride
Concen: 18.448 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 84 Resp: 46913
Ion Ratio Lower Upper
84 100
49 142.9 109.9 164.9
51 43.8 32.7 49.1
86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.161 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

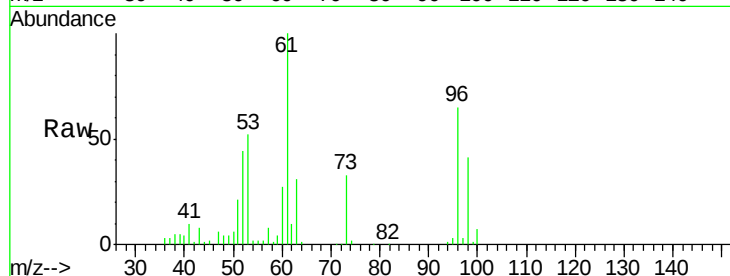
Tot Ion: 96 Resp: 41777

Ion Ratio Lower Upper

96 100

61 152.8 124.5 186.7

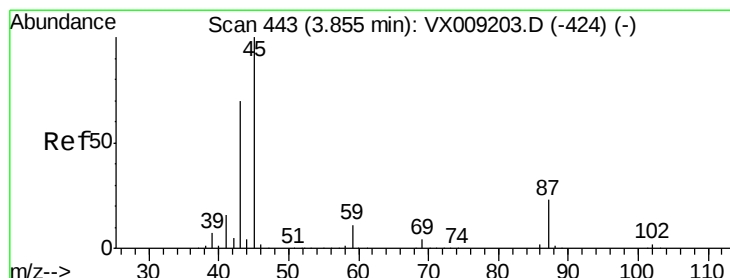
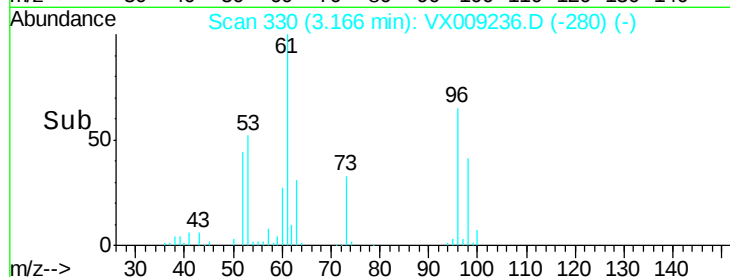
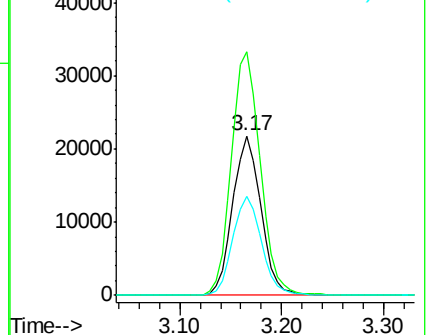
98 62.3 50.4 75.6



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: 19.490 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion: 45 Resp: 183634

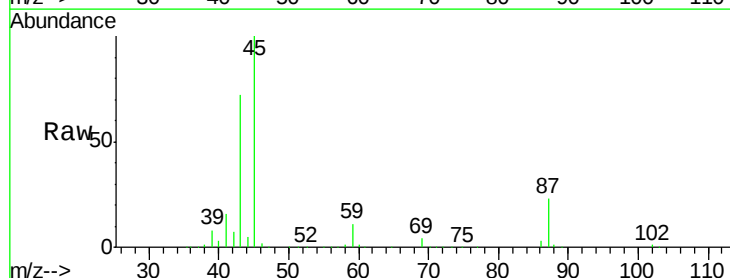
Ion Ratio Lower Upper

45 100

43 71.3 56.1 84.1

87 23.2 18.1 27.1

59 10.6 8.5 12.7

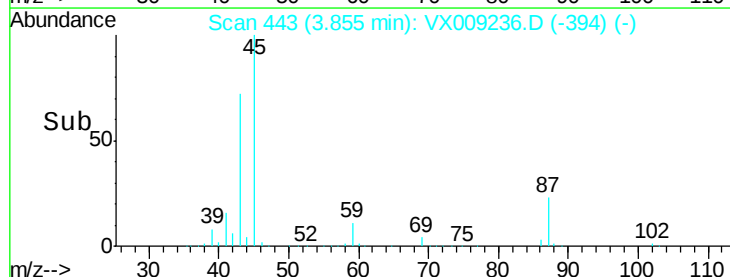
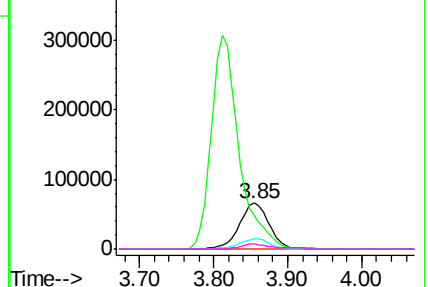


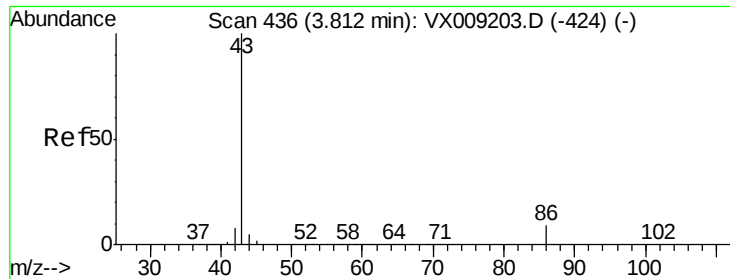
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.137 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

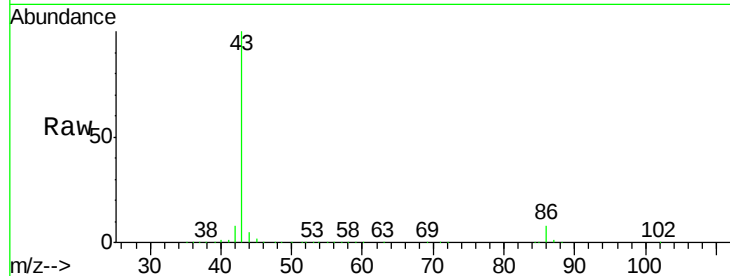
VX0430WBS01

Tot Ion: 43 Resp: 791791

Ion Ratio Lower Upper

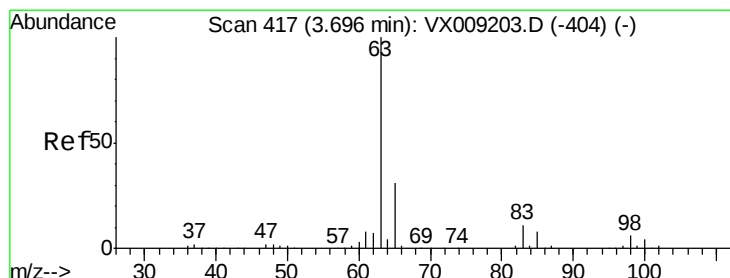
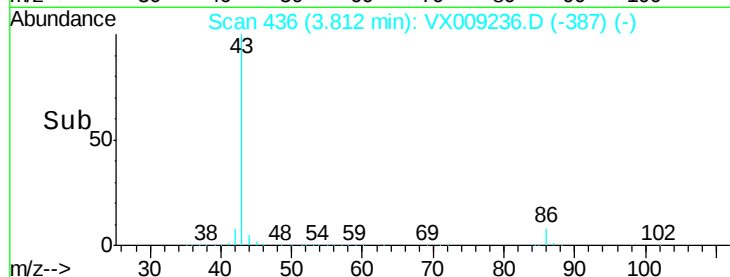
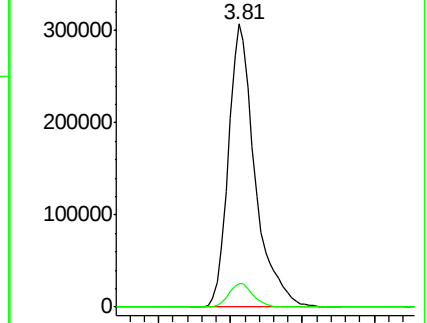
43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.222 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

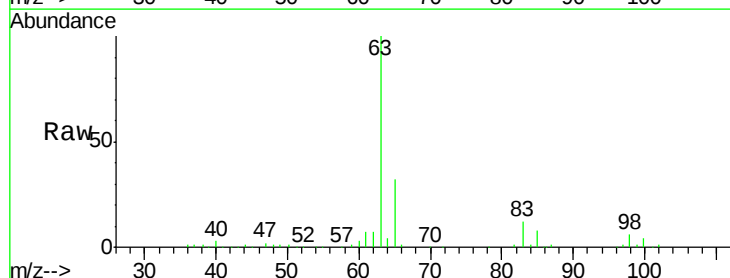
Tgt Ion: 63 Resp: 89343

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

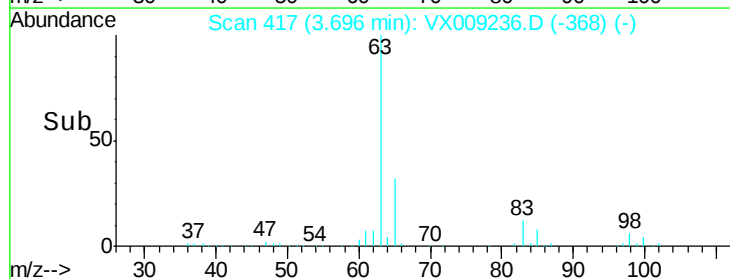
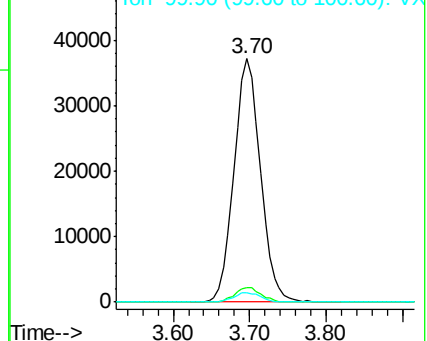
100 3.9 2.0 6.0

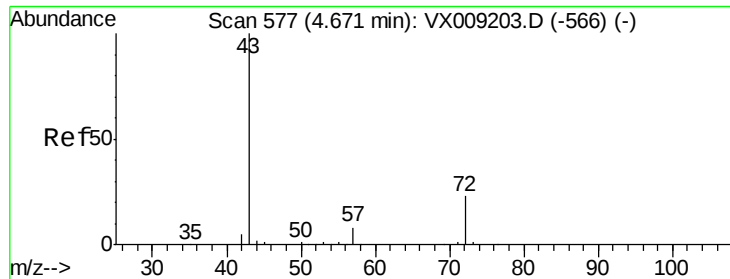


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.557 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

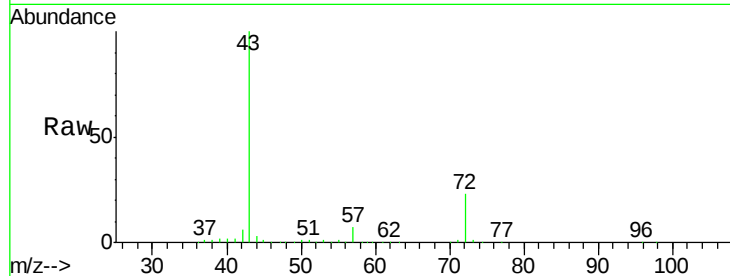
VX0430WBS01

Tot Ion: 43 Resp: 233221

Ion Ratio Lower Upper

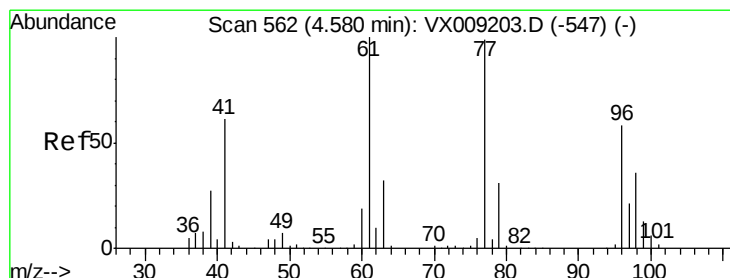
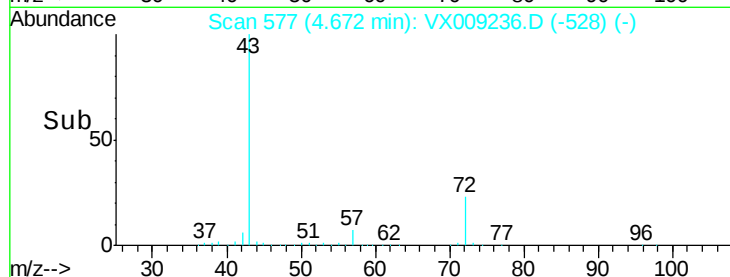
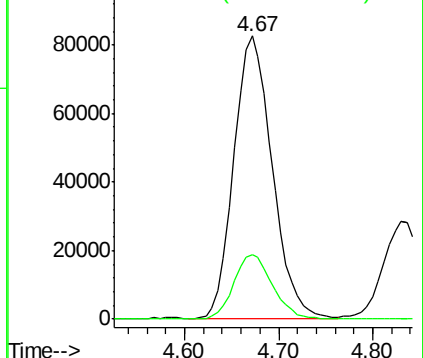
43 100

72 22.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.907 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009236.D

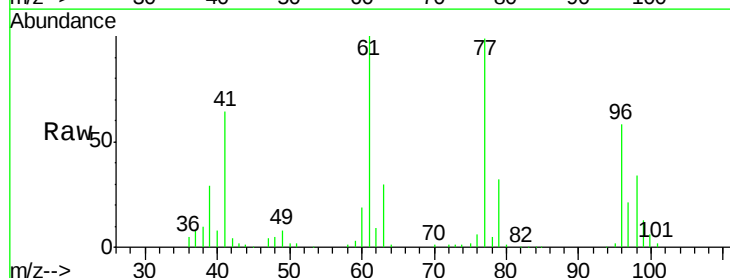
Acq: 30 Apr 2019 11:24

Tgt Ion: 77 Resp: 65414

Ion Ratio Lower Upper

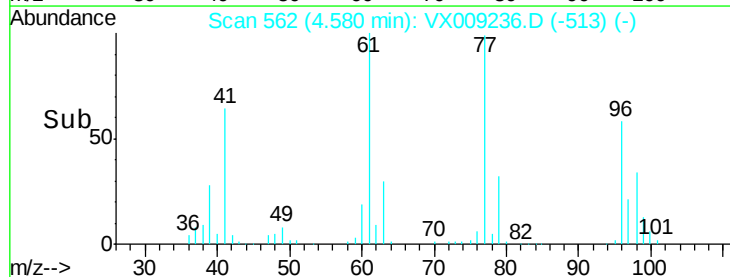
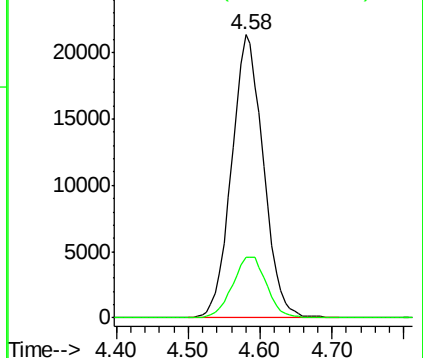
77 100

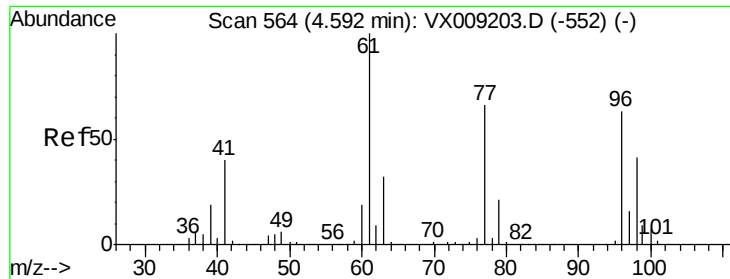
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



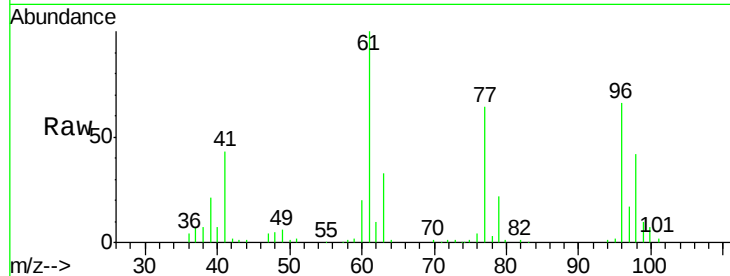


#27

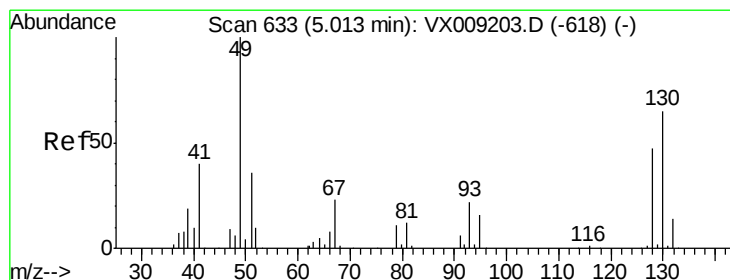
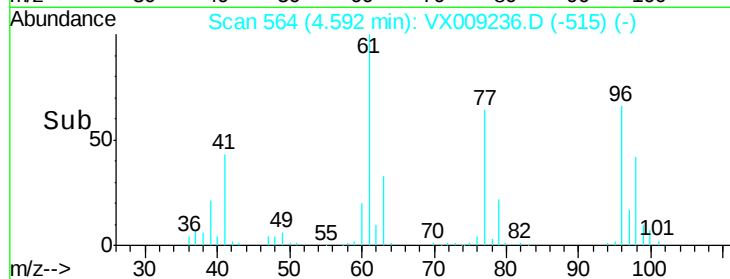
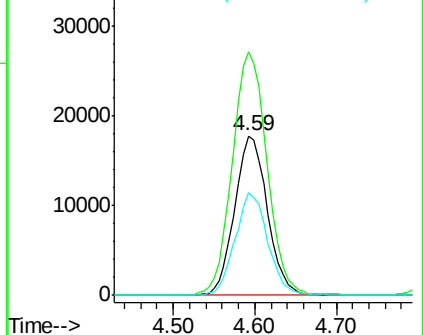
cis-1,2-Dichloroethene
 Concen: 18.932 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion: 96 Resp: 49270
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 324.0
 98 64.7 0.0 130.4



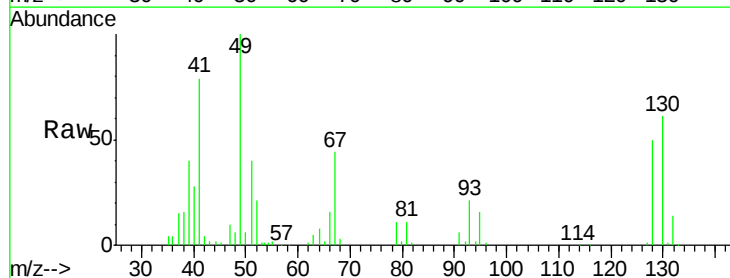
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



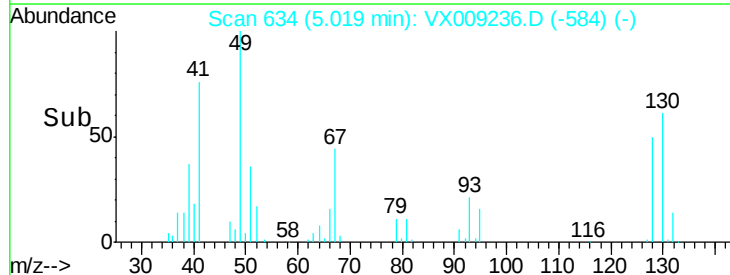
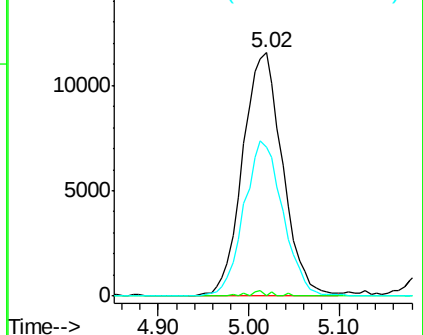
#28

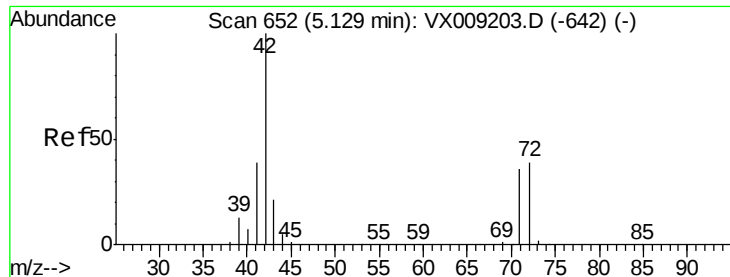
Bromochloromethane
 Concen: 17.009 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion: 49 Resp: 35209
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 62.1 51.2 76.8



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

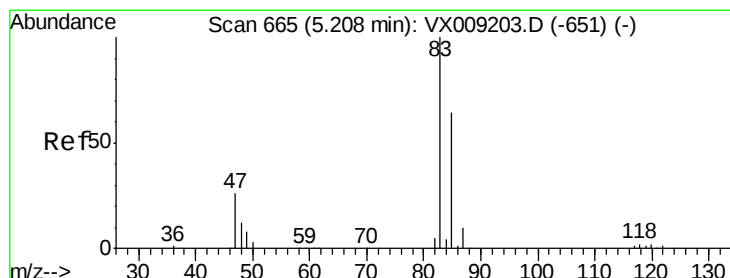
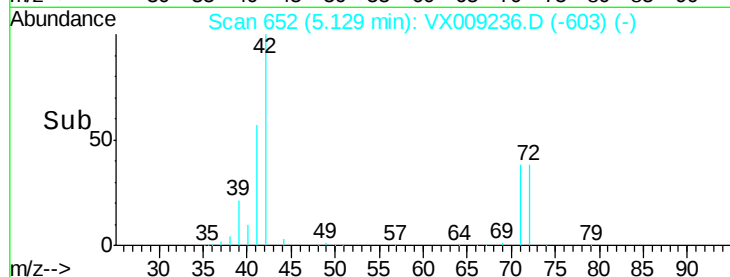
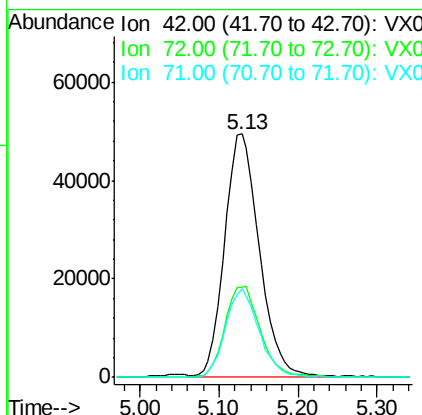
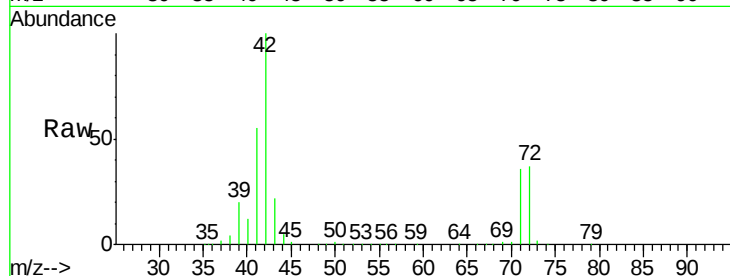




#29
Tetrahydrofuran
Concen: 95.702 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

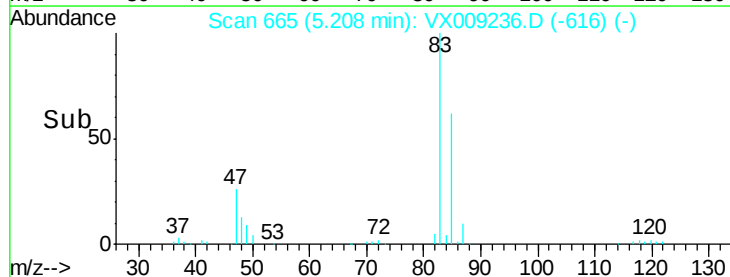
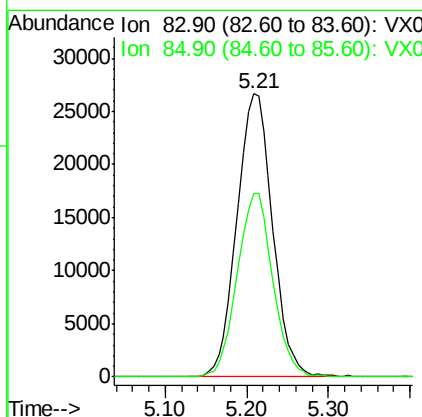
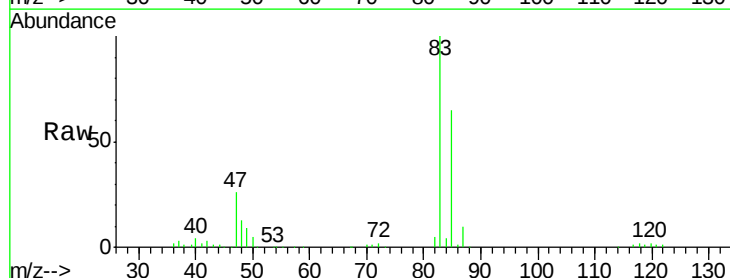
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

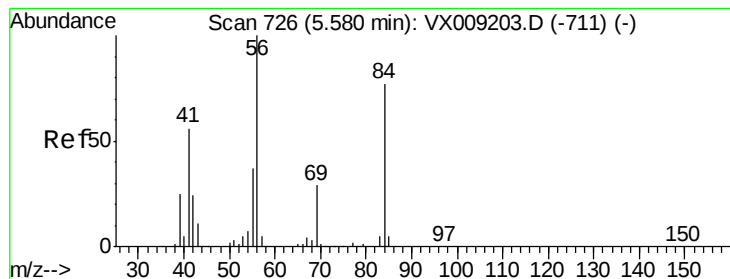
Tot Ion: 42 Resp: 150305
Ion Ratio Lower Upper
42 100
72 38.6 30.4 45.6
71 35.5 28.6 43.0



#30
Chloroform
Concen: 19.261 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 83 Resp: 80972
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3





#31

Cyclohexane

Concen: 20.086 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

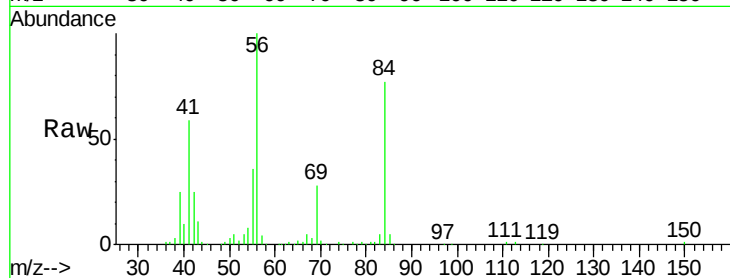
Tot Ion: 56 Resp: 86861

Ion Ratio Lower Upper

56 100

69 27.7 23.4 35.0

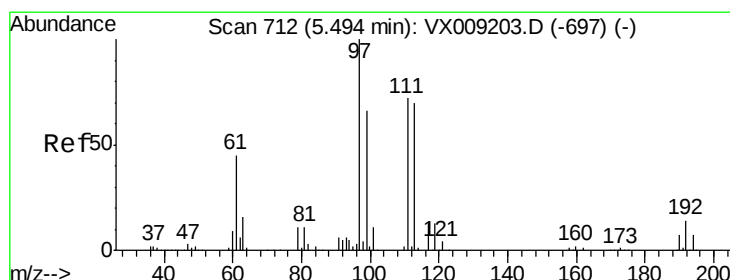
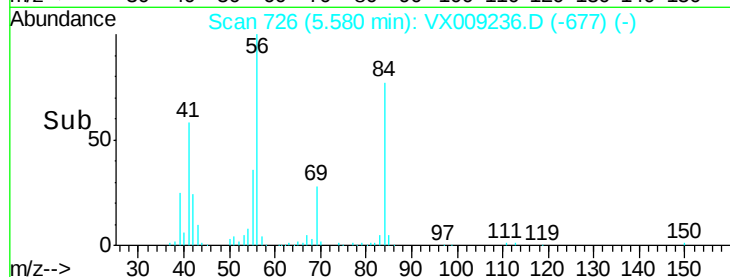
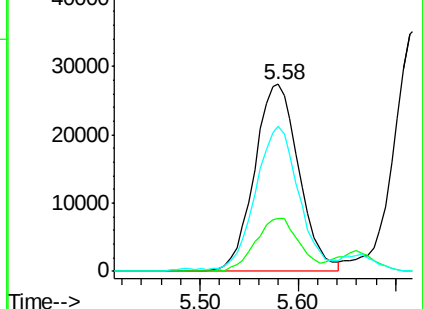
84 76.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.773 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

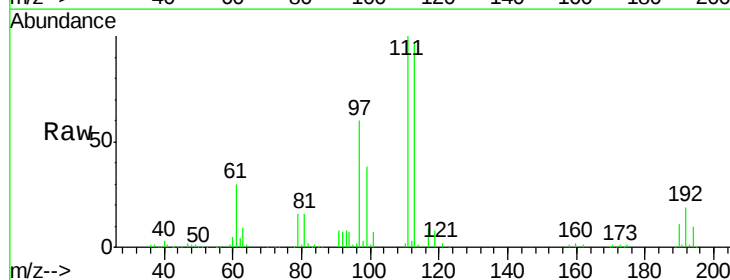
Tgt Ion: 97 Resp: 65697

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

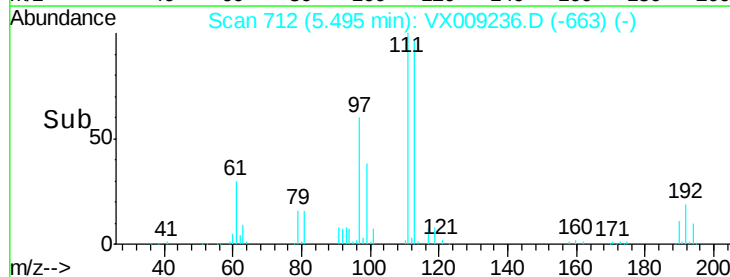
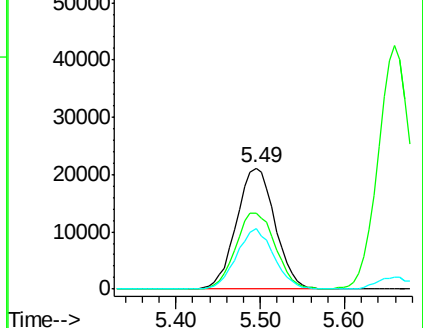
61 48.3 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.653 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

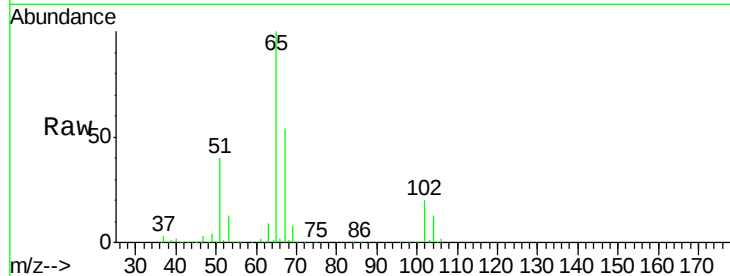
VX0430WBS01

Tot Ion: 65 Resp: 133534

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

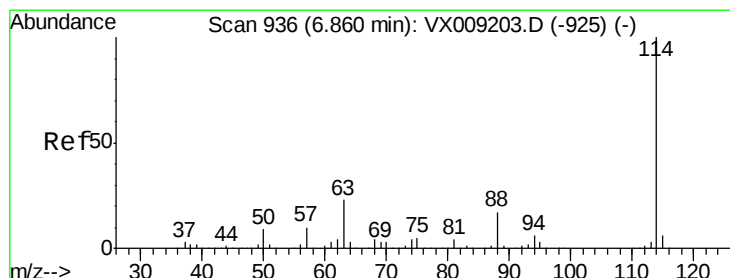
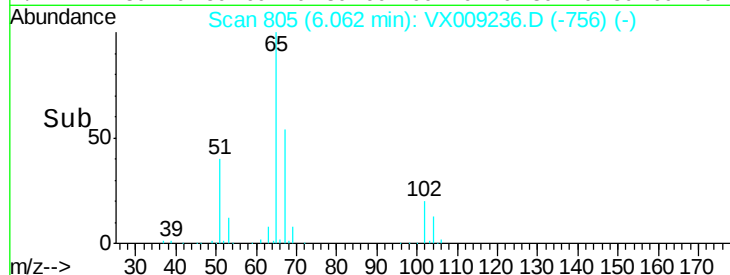
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

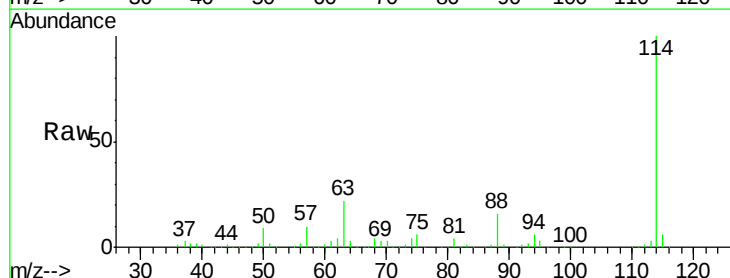
Tgt Ion: 114 Resp: 340791

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.4 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

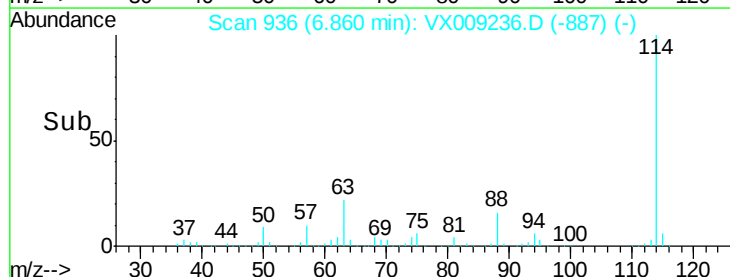
100000

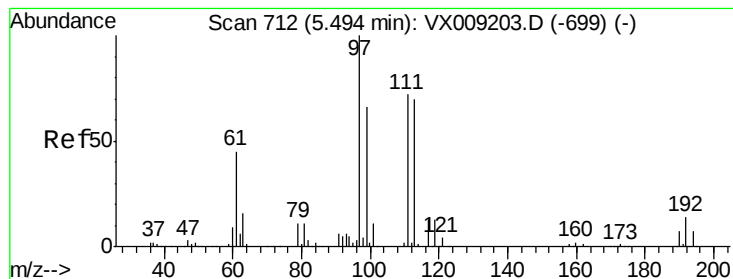
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.427 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

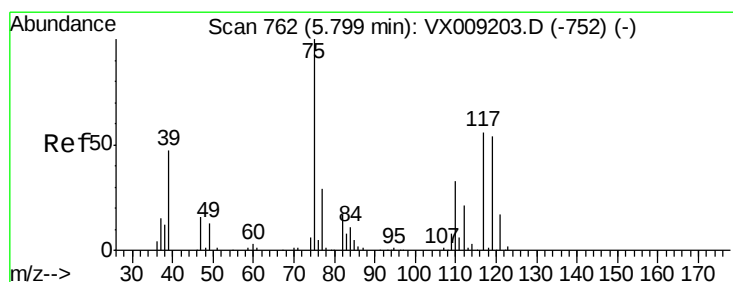
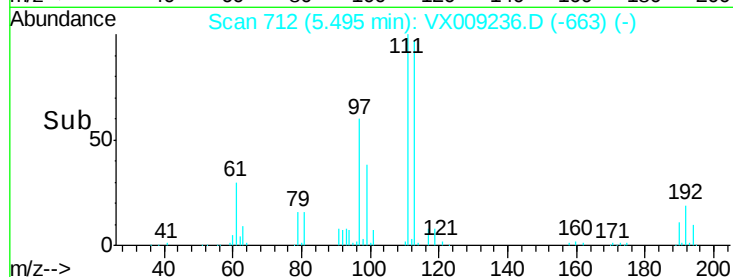
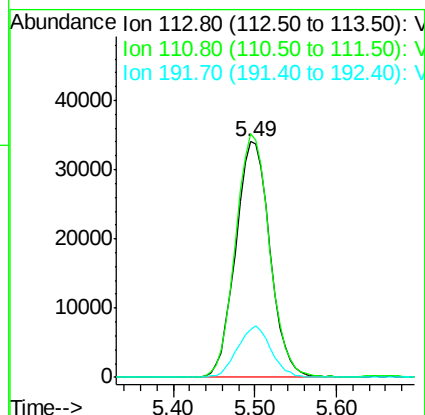
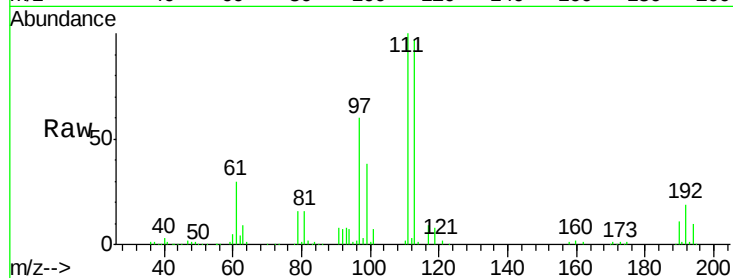
Tot Ion:113 Resp: 99463

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 21.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 19.550 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

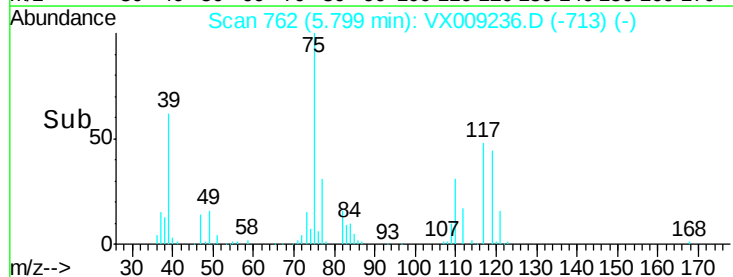
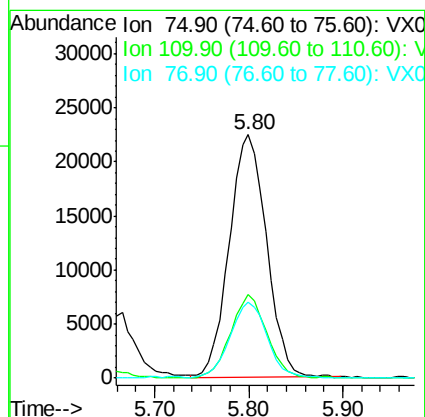
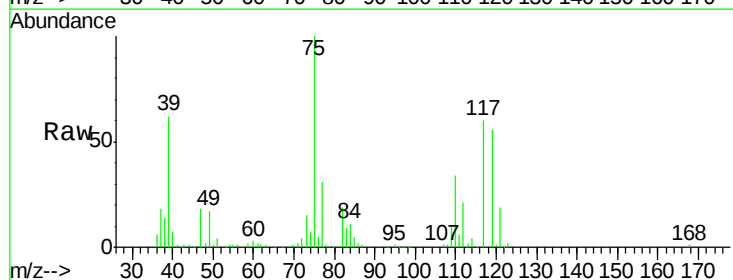
Tgt Ion: 75 Resp: 61916

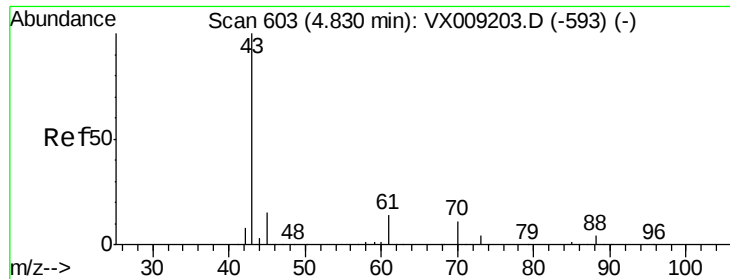
Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.6

77 31.2 24.8 37.2

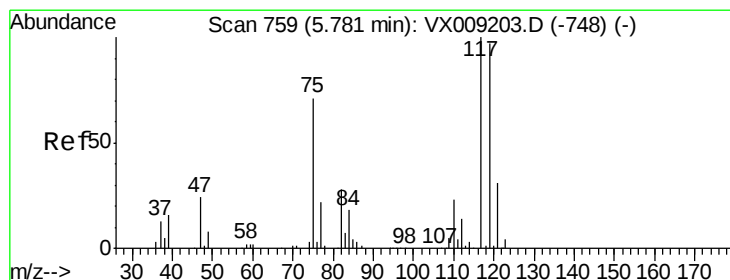
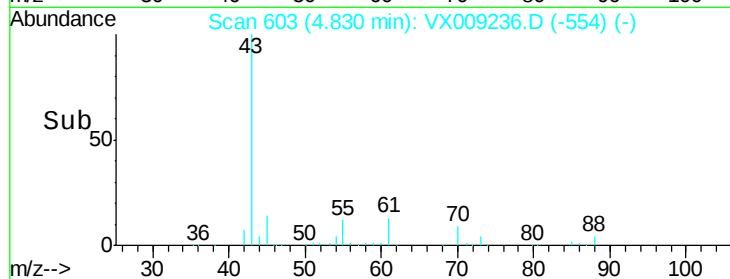
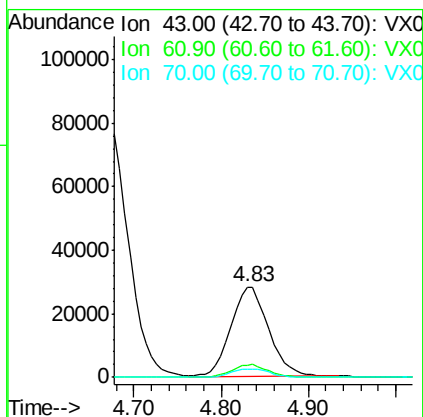
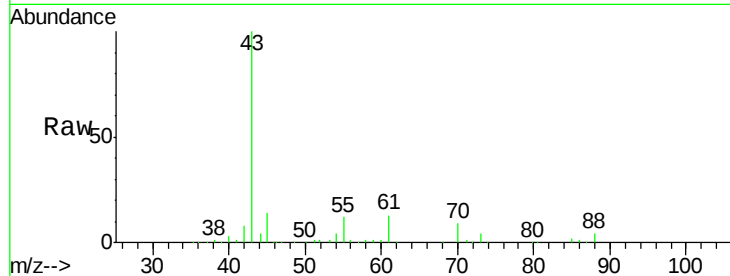




#37
Ethyl Acetate
Concen: 19.118 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

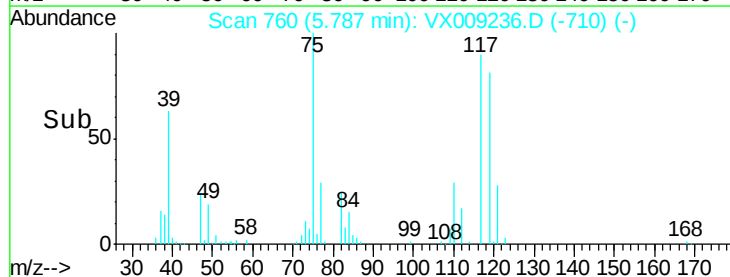
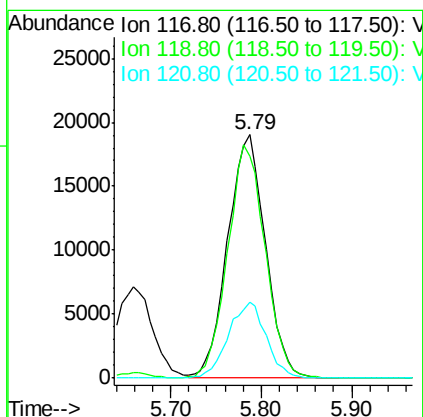
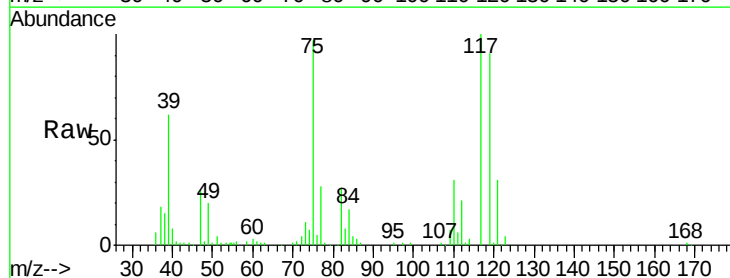
Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

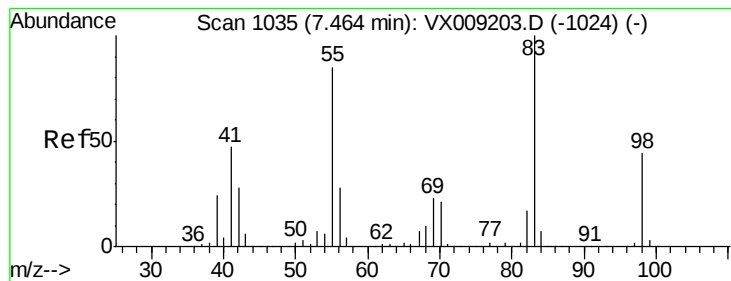
Tot Ion: 43 Resp: 84362
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 117 Resp: 55022
Ion Ratio Lower Upper
117 100
119 91.3 77.5 116.3
121 31.1 24.7 37.1





#39

Methvlcvclohexane

Concen: 20.307 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

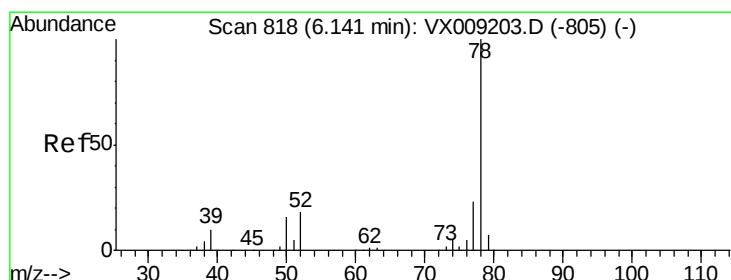
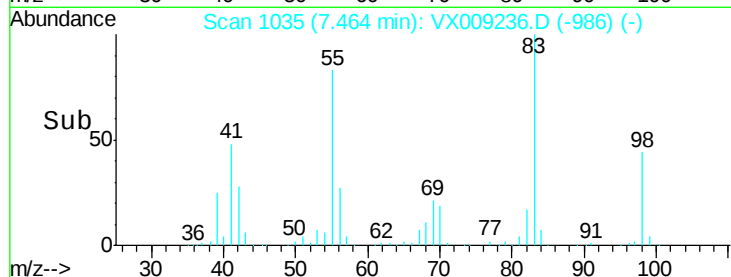
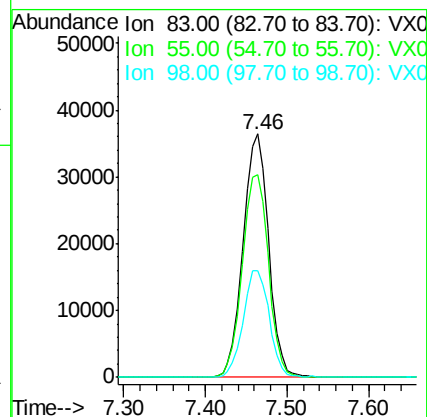
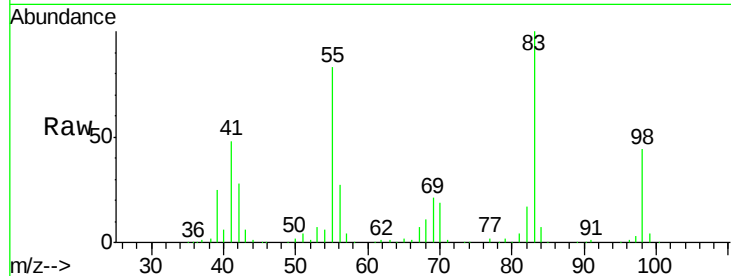
Tot Ion: 83 Resp: 78982

Ion Ratio Lower Upper

83 100

55 83.4 67.7 101.5

98 44.1 35.5 53.3



#40

Benzene

Concen: 19.471 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009236.D

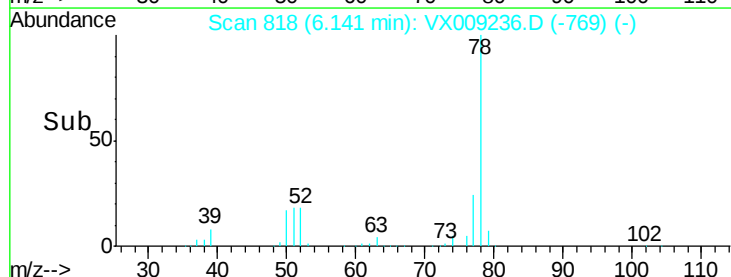
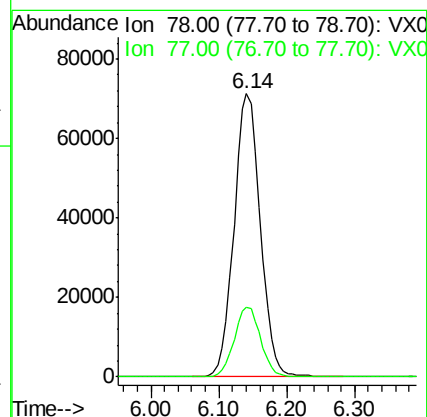
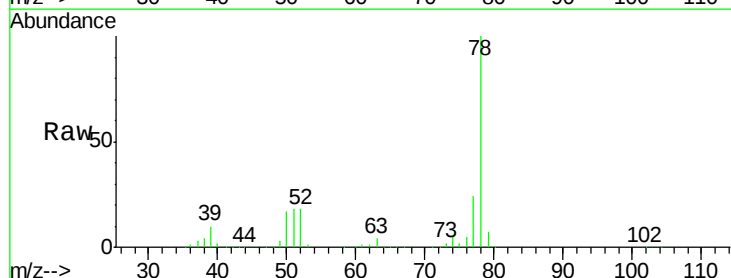
Acq: 30 Apr 2019 11:24

Tgt Ion: 78 Resp: 190840

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2





#41

Methacrylonitrile

Concen: 18.510 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 41 Resp: 48620

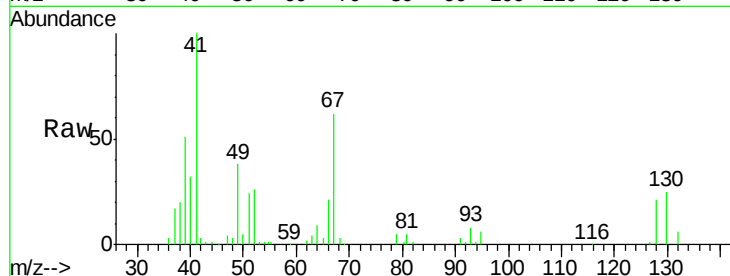
Ion Ratio Lower Upper

41 100

39 53.2 42.0 63.0

67 63.3 49.8 74.8

52 26.5 20.3 30.5

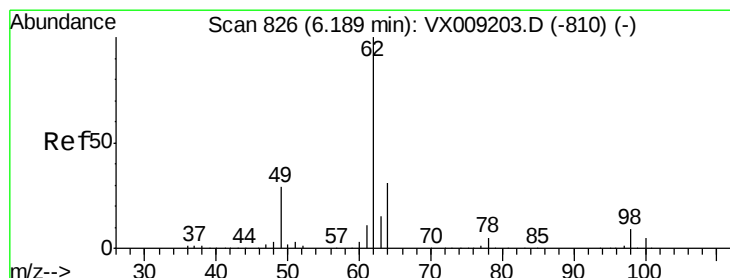
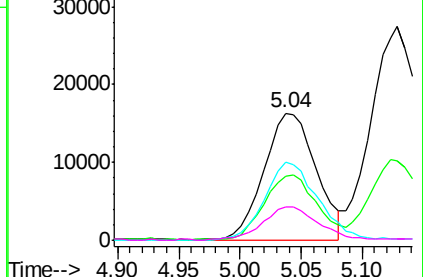
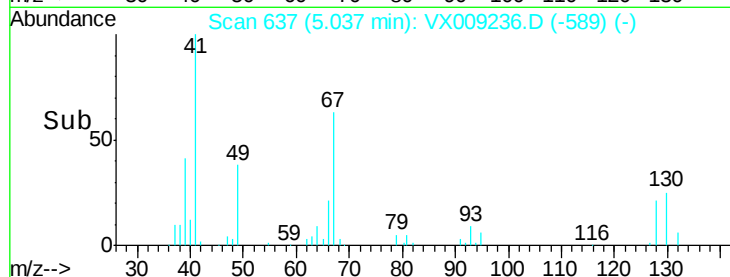


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.073 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009236.D

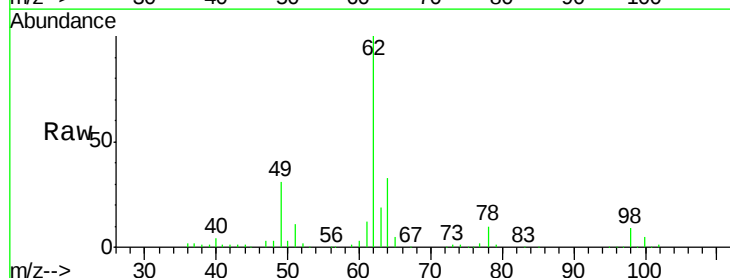
Acq: 30 Apr 2019 11:24

Tgt Ion: 62 Resp: 67058

Ion Ratio Lower Upper

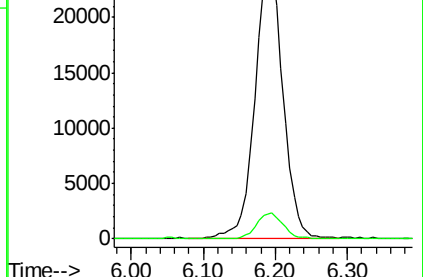
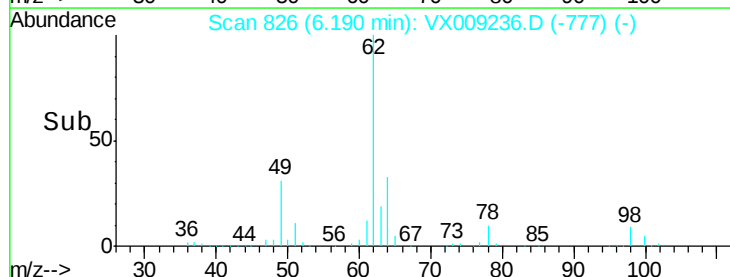
62 100

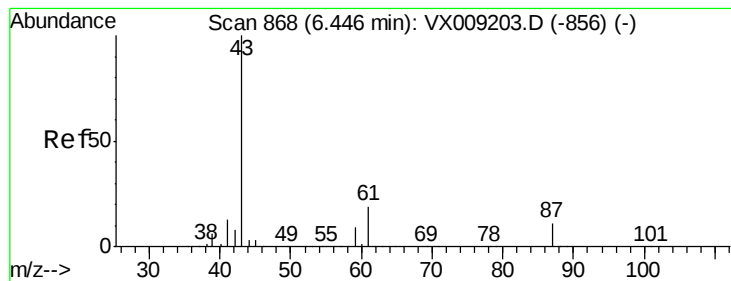
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



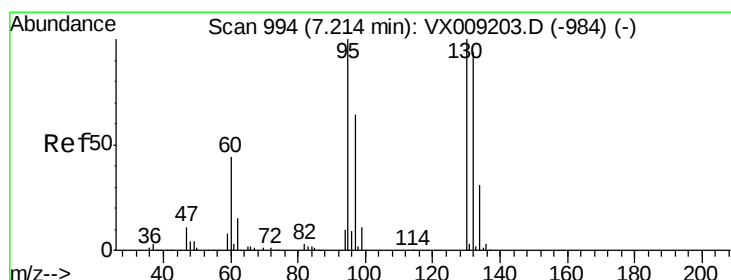
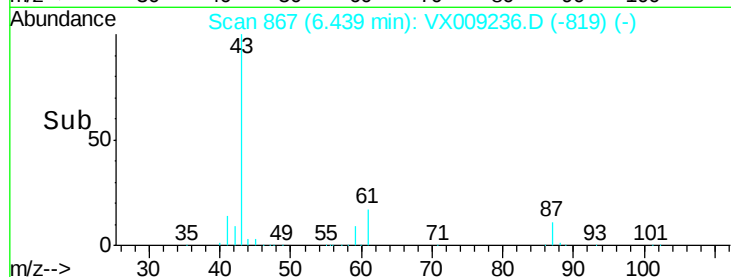
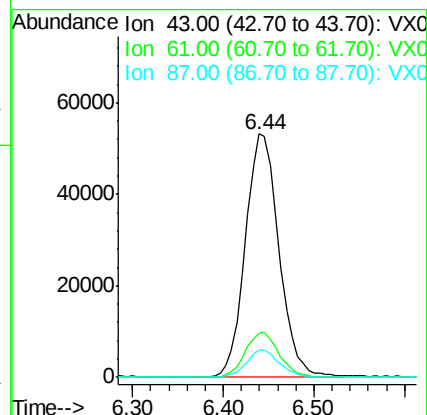
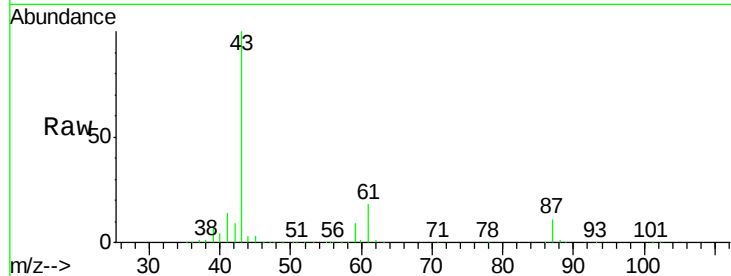


#43

Isopropyl Acetate
 Concen: 19.271 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

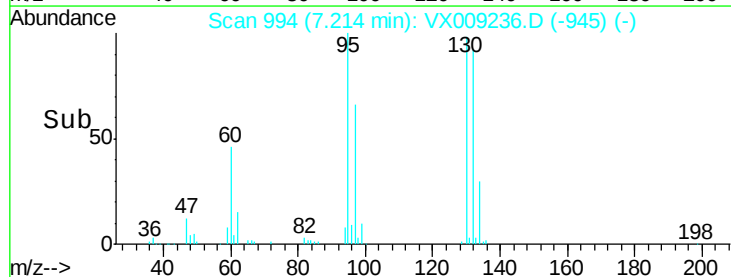
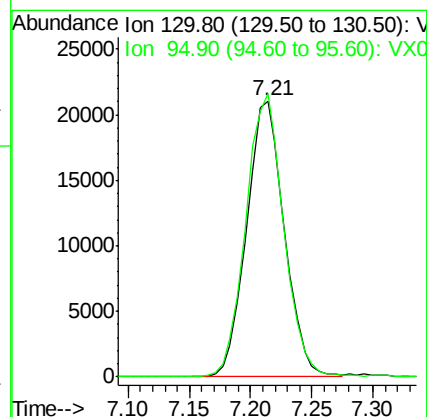
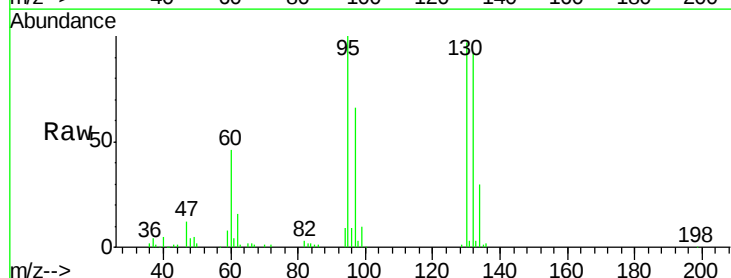
Tot Ion: 43 Resp: 136020
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.1 22.7
 87 11.2 9.0 13.6



#44

Trichloroethene
 Concen: 19.074 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:130 Resp: 45196
 Ion Ratio Lower Upper
 130 100
 95 102.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.662 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

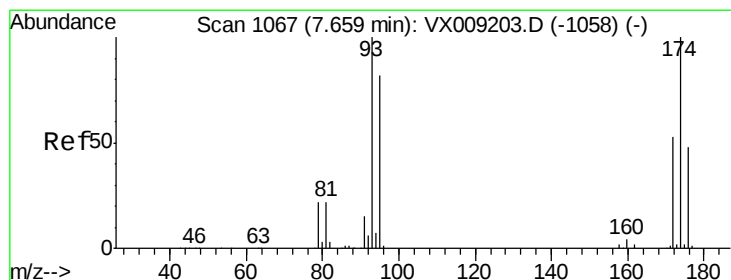
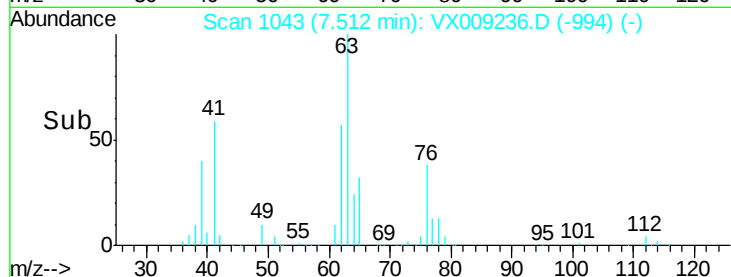
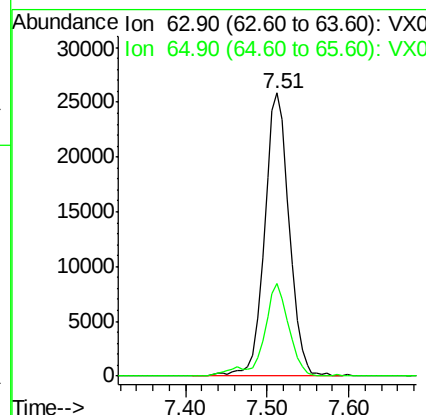
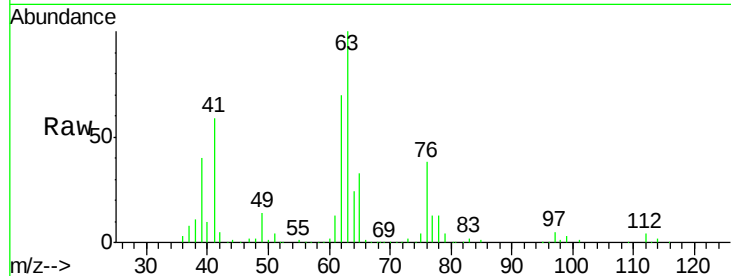
VX0430WBS01

Tot Ion: 63 Resp: 54568

Ion Ratio Lower Upper

63 100

65 32.9 25.0 37.6



#46

Dibromomethane

Concen: 19.048 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

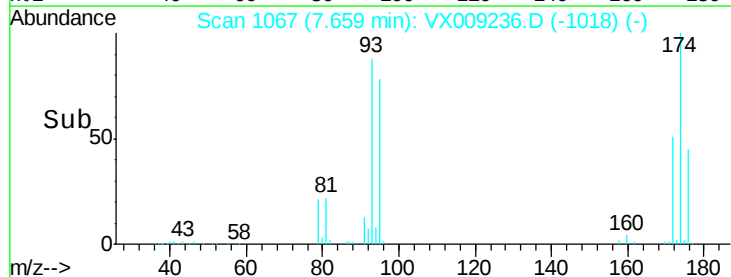
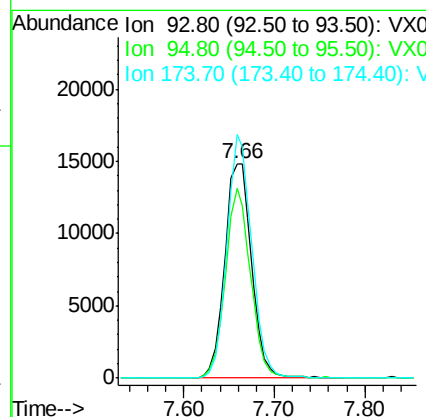
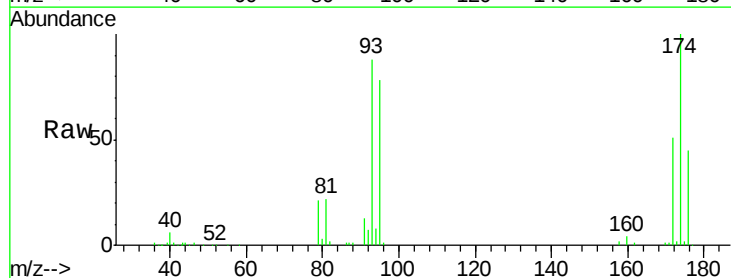
Tgt Ion: 93 Resp: 30699

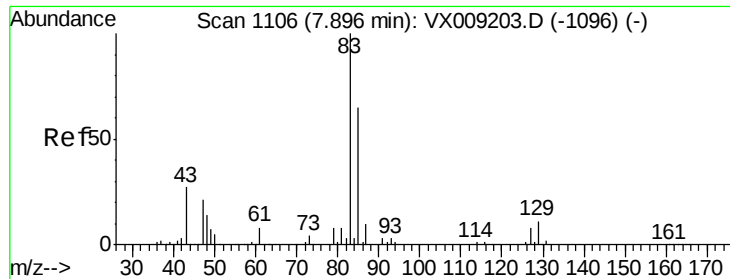
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 104.5 82.1 123.1





#47

Bromodichloromethane

Concen: 18.950 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

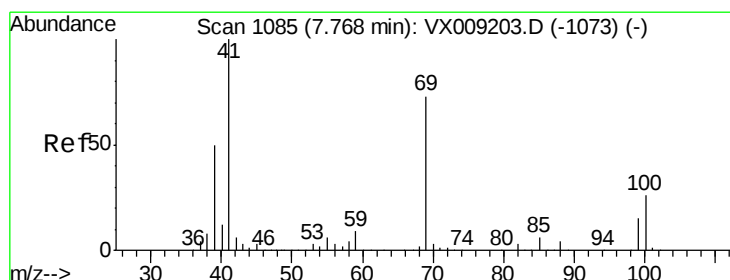
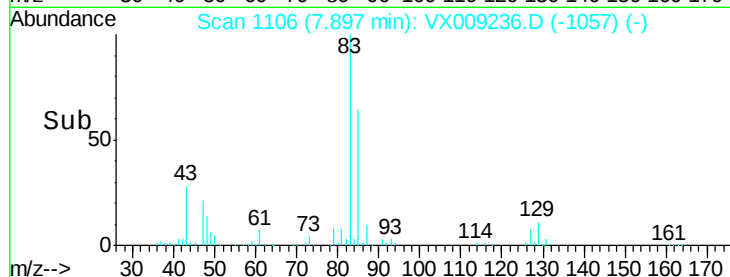
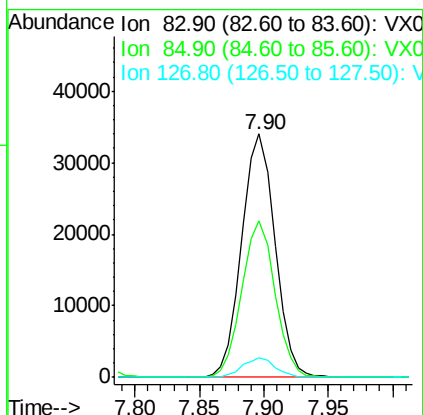
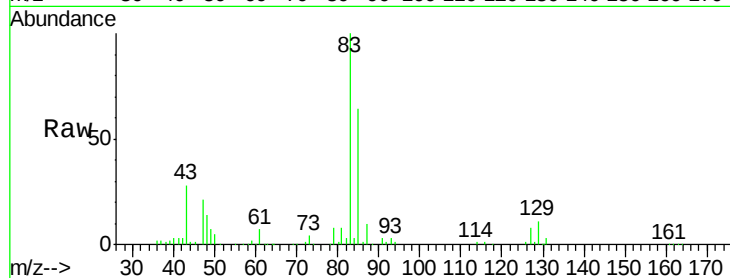
Tot Ion: 83 Resp: 60923

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 19.417 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

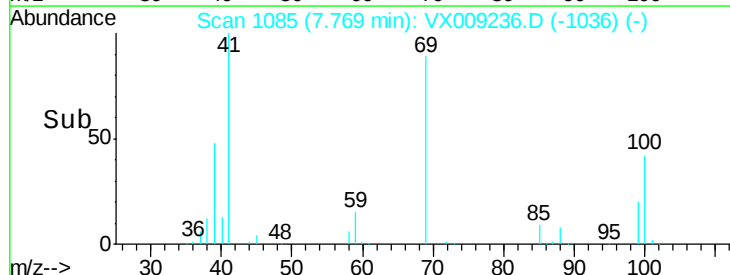
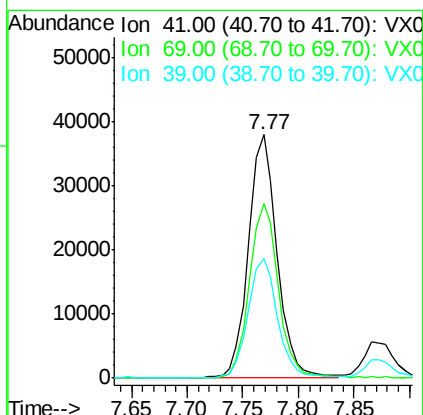
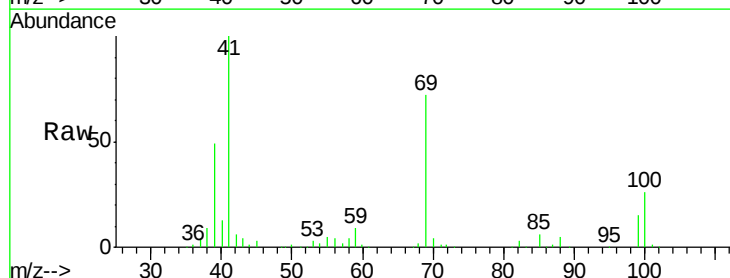
Tgt Ion: 41 Resp: 67993

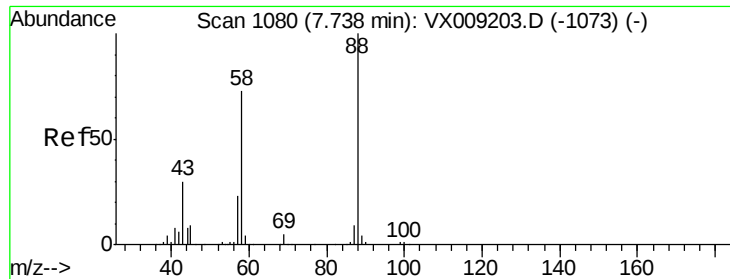
Ion Ratio Lower Upper

41 100

69 73.5 59.1 88.7

39 50.7 40.4 60.6

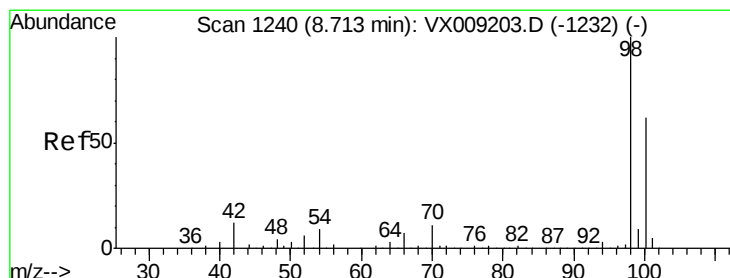
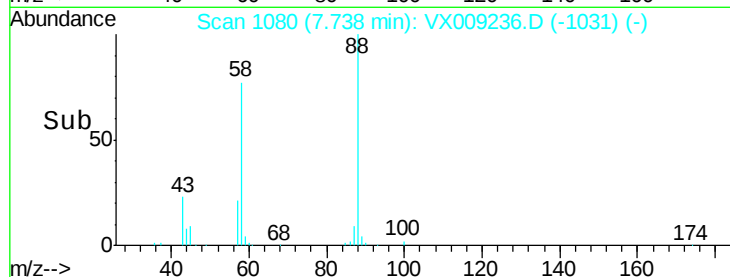
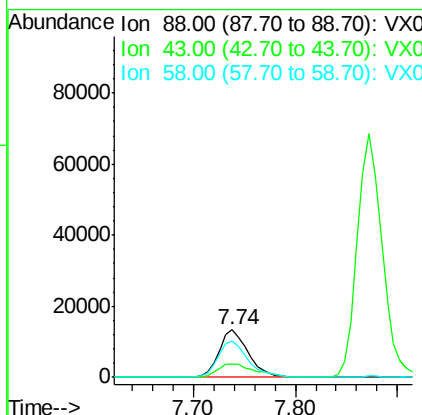
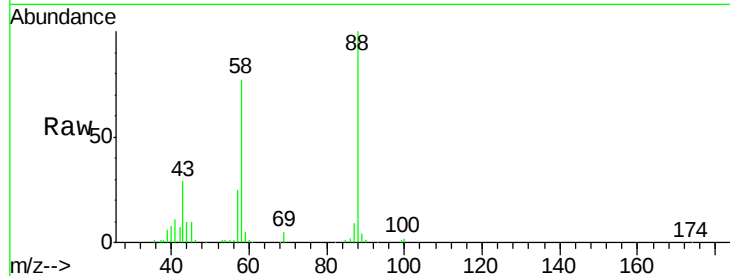




#49
1,4-Dioxane
Concen: 377.147 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

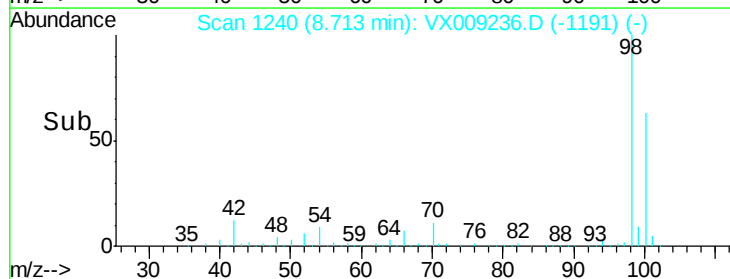
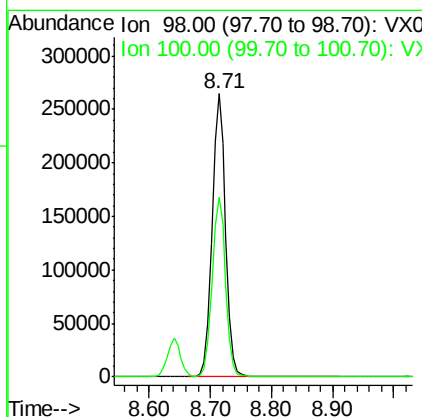
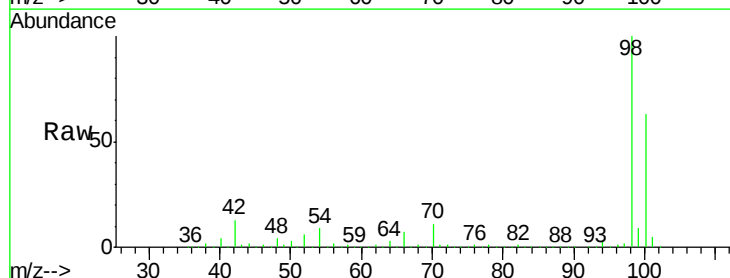
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

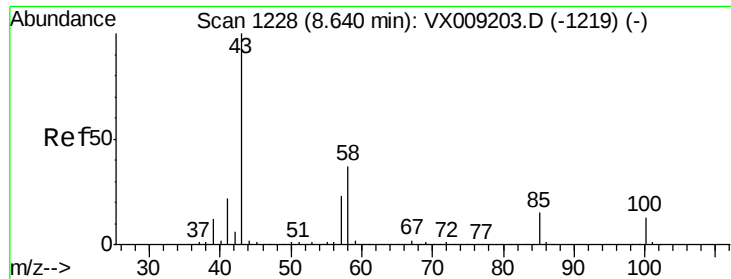
Tot Ion: 88 Resp: 26783
Ion Ratio Lower Upper
88 100
43 34.8 28.6 42.8
58 78.9 61.7 92.5



#50
Toluene-d8
Concen: 47.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 98 Resp: 407935
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 96.231 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

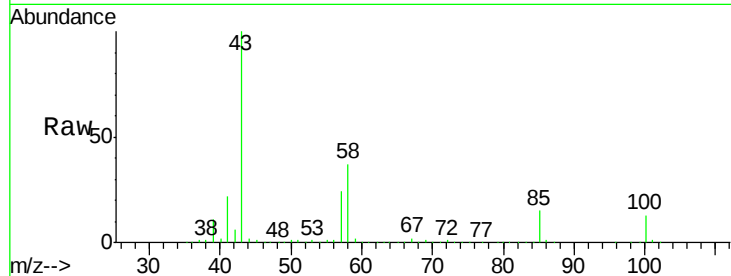
VX0430WBS01

Tot Ion: 43 Resp: 443950

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

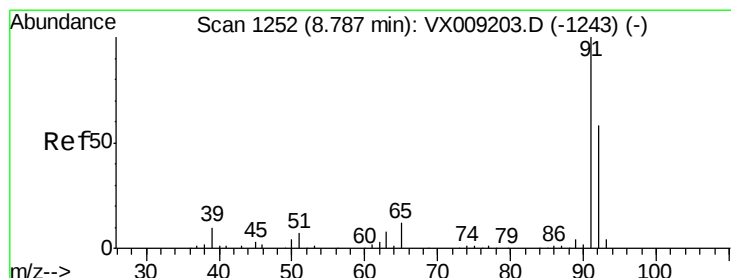
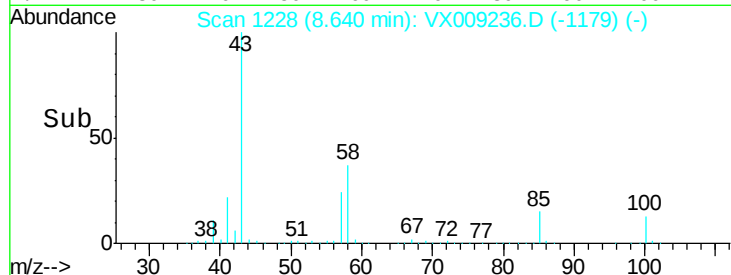
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.718 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009236.D

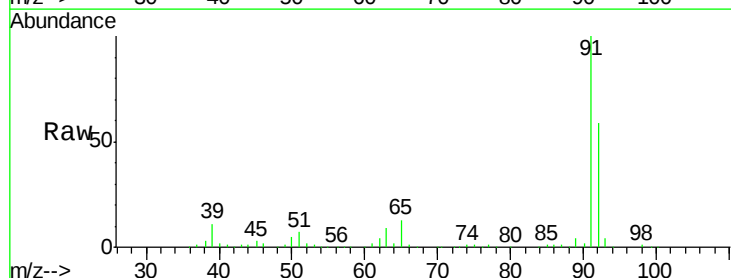
Acq: 30 Apr 2019 11:24

Tgt Ion: 92 Resp: 117480

Ion Ratio Lower Upper

92 100

91 172.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

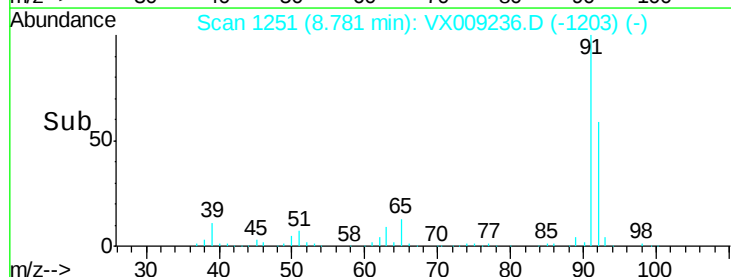
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.072 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

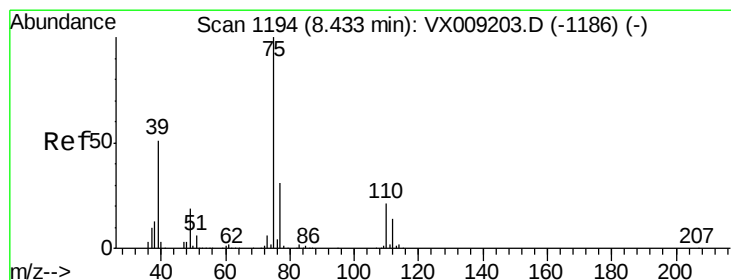
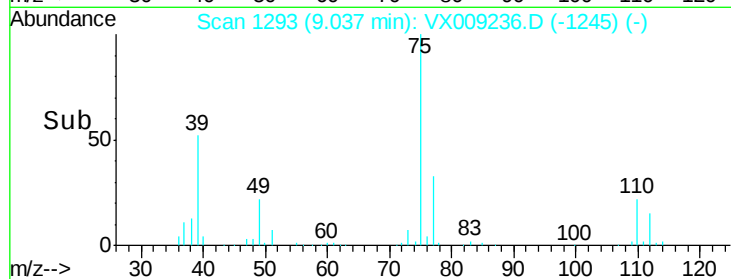
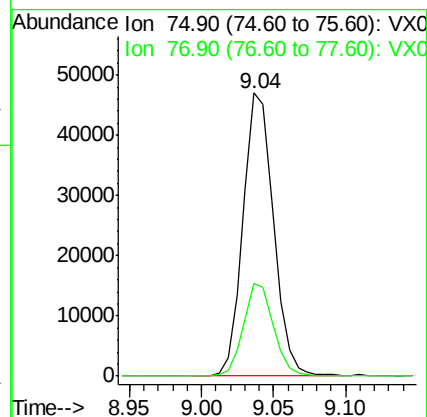
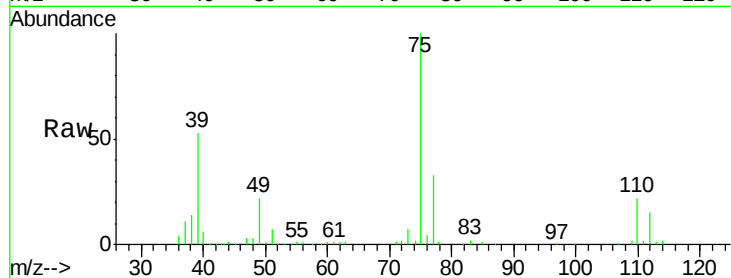
VX0430WBS01

Tot Ion: 75 Resp: 69224

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.494 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

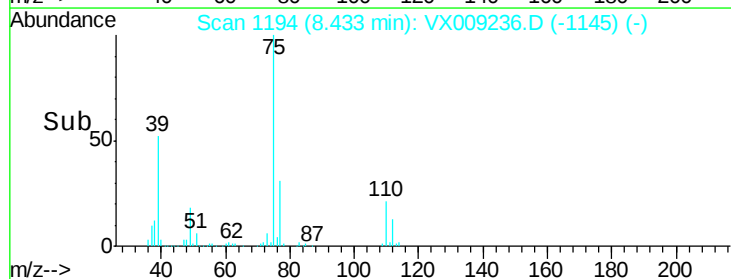
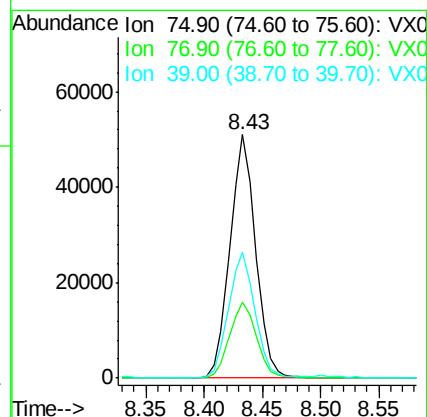
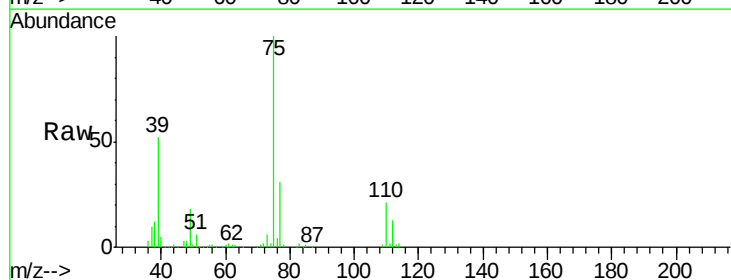
Tgt Ion: 75 Resp: 78316

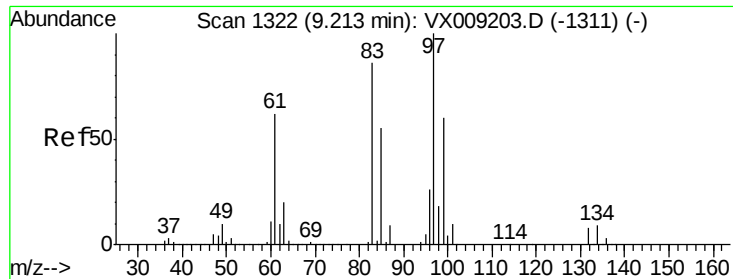
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 51.6 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 18.964 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion: 97 Resp: 46096

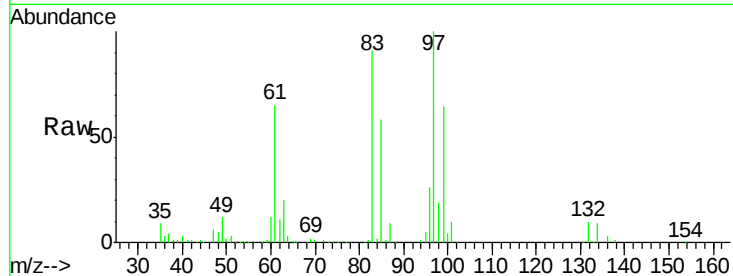
Ion Ratio Lower Upper

97 100

83 91.4 68.9 103.3

85 57.7 43.8 65.6

99 64.1 48.2 72.2

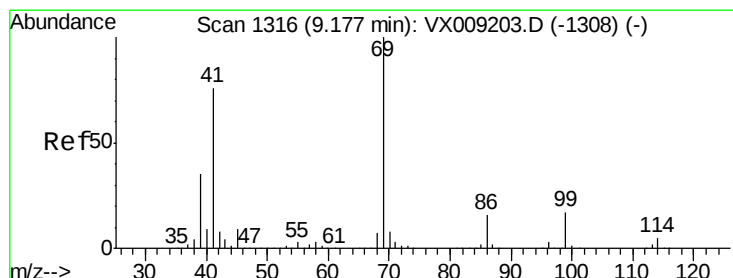
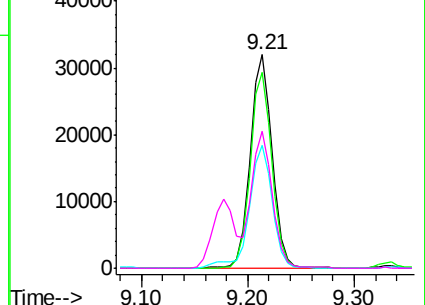
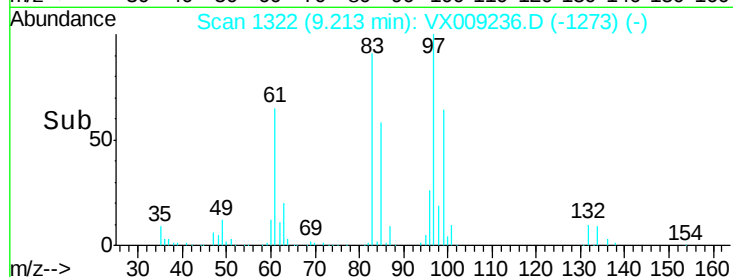


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.381 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

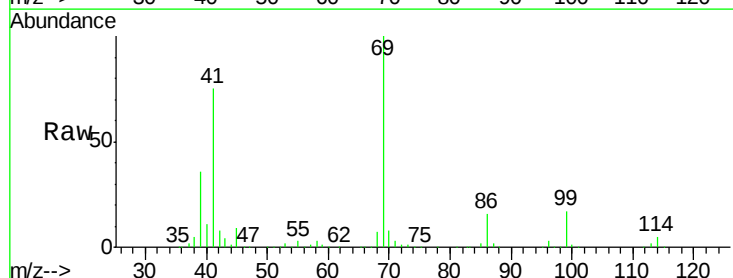
Tgt Ion: 69 Resp: 84091

Ion Ratio Lower Upper

69 100

41 75.4 60.6 90.8

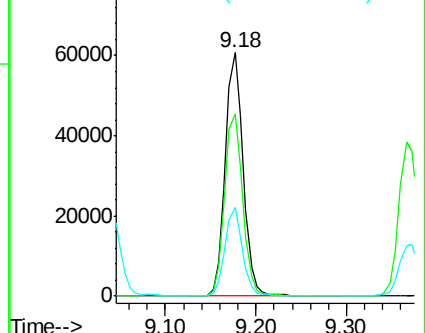
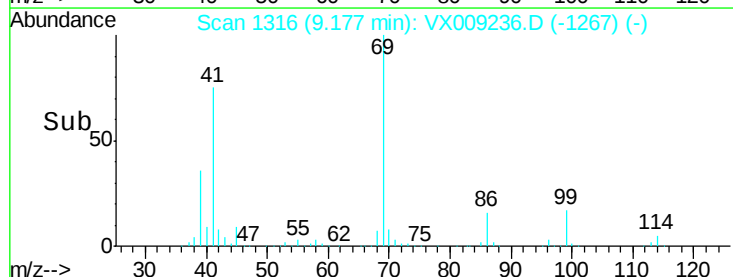
39 35.2 28.2 42.4

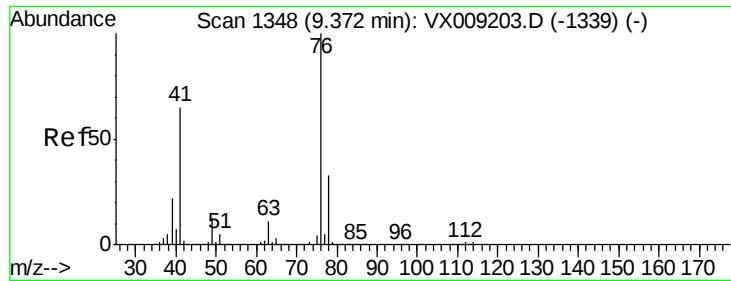


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.524 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

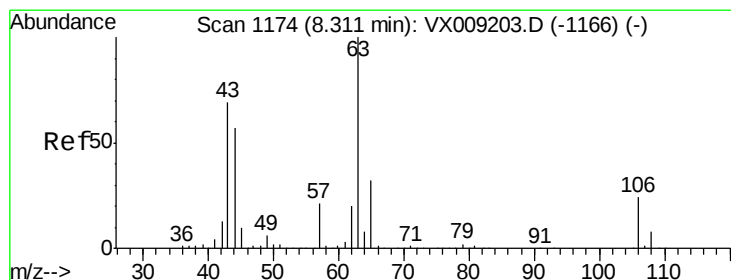
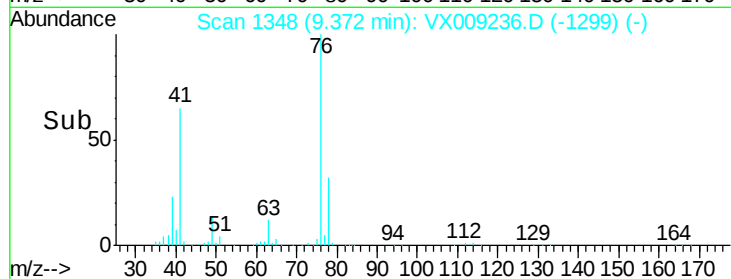
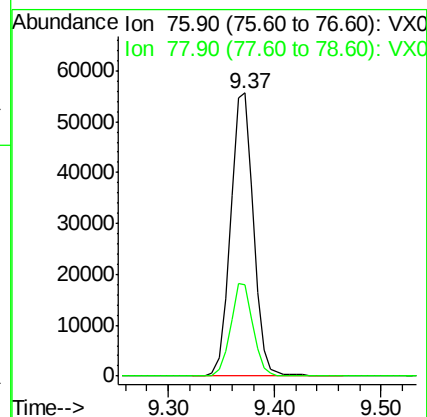
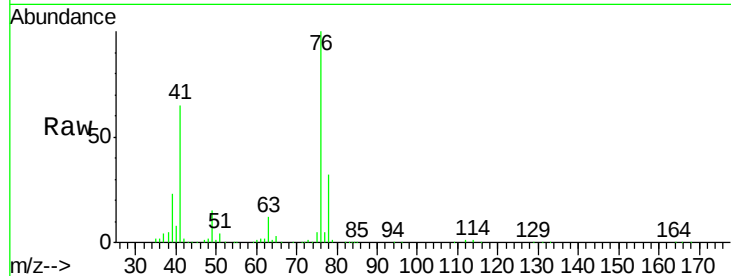
VX0430WBS01

Tot Ion: 76 Resp: 83513

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 93.415 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009236.D

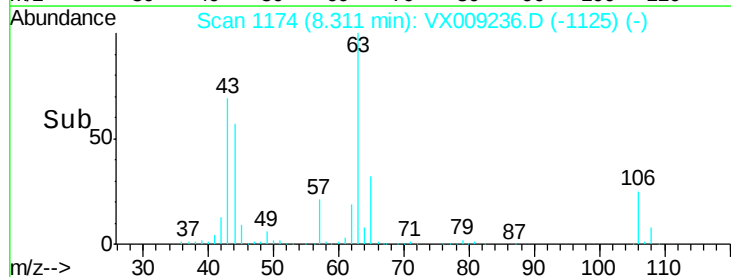
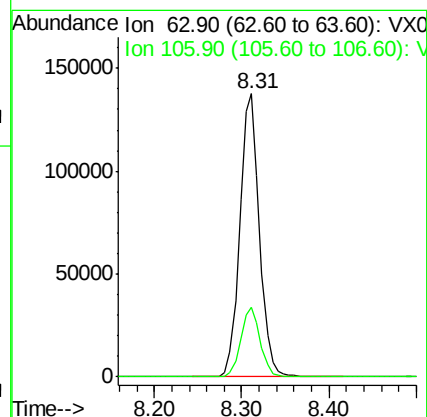
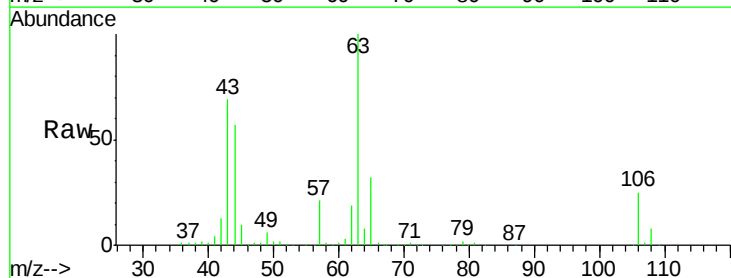
Acq: 30 Apr 2019 11:24

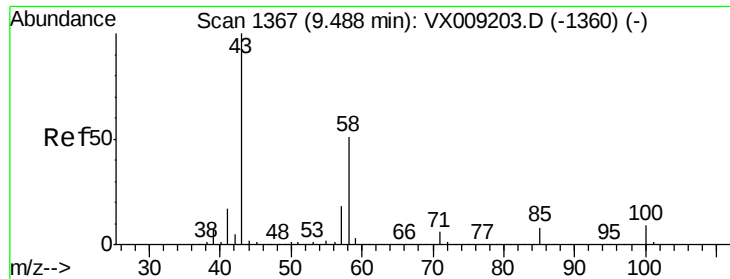
Tgt Ion: 63 Resp: 215021

Ion Ratio Lower Upper

63 100

106 24.5 19.7 29.5

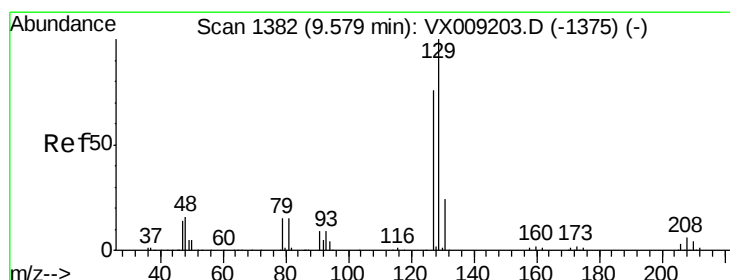
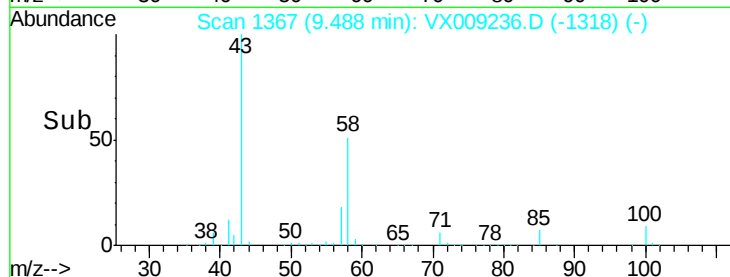
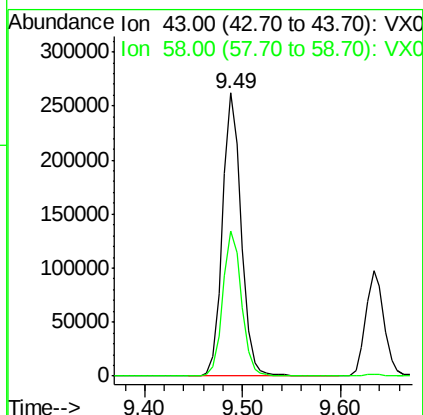
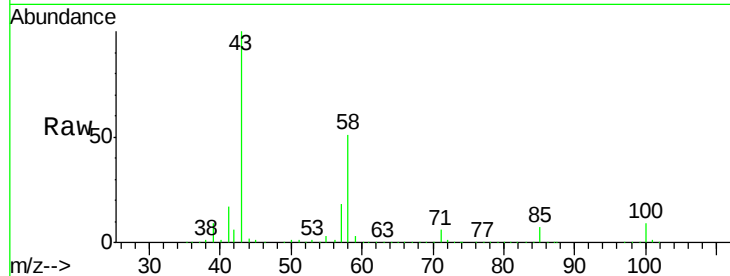




#59
2-Hexanone
Concen: 95.845 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

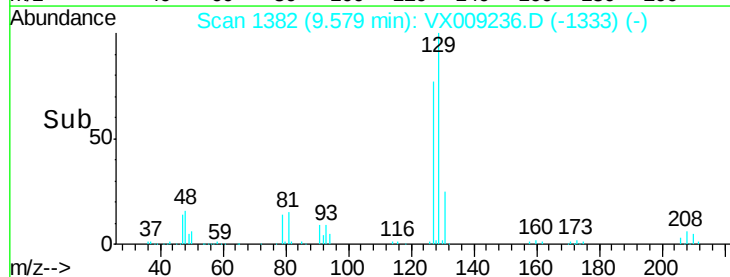
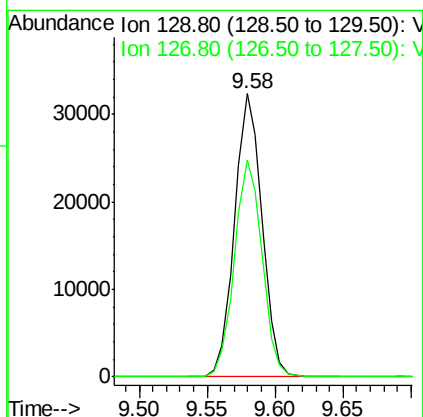
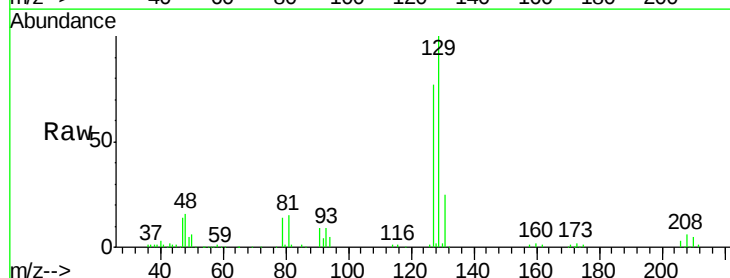
Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

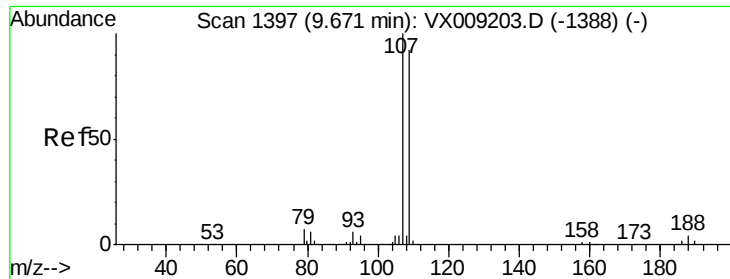
Tot Ion: 43 Resp: 347273
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 19.183 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 129 Resp: 45541
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.461 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

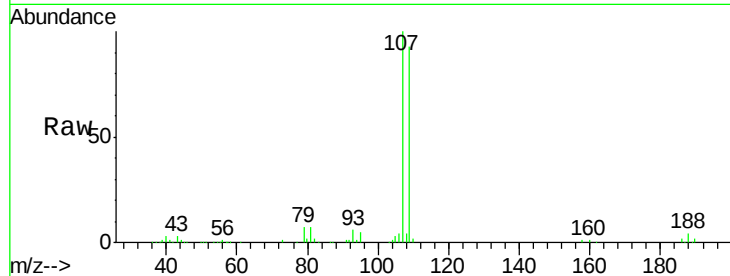
VX0430WBS01

Tot Ion:107 Resp: 47749

Ion Ratio Lower Upper

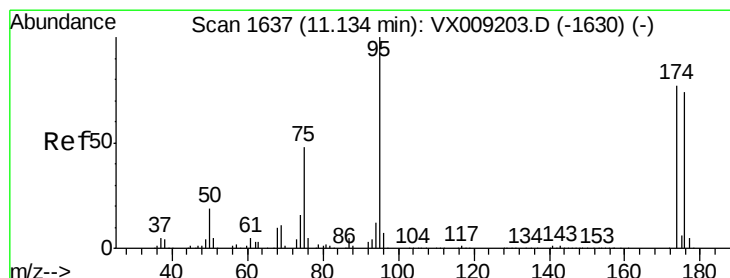
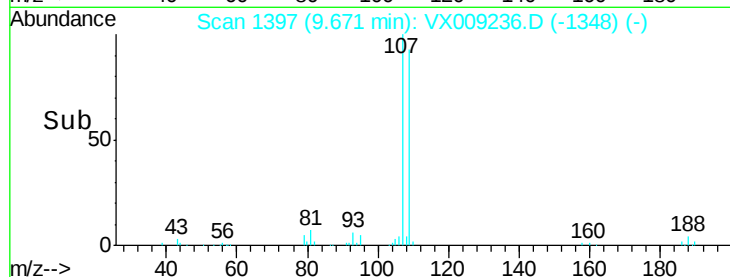
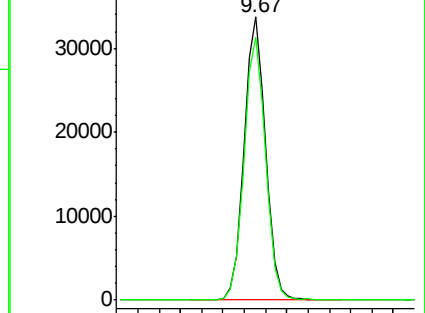
107 100

109 93.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.475 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

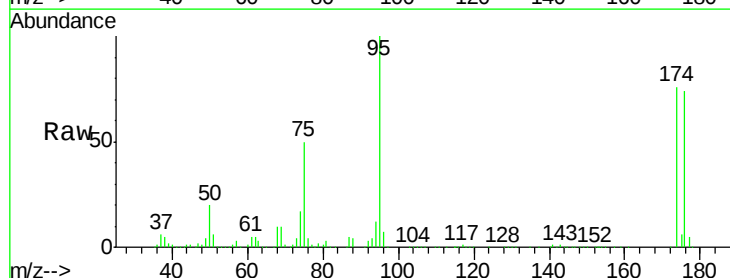
Tgt Ion: 95 Resp: 146060

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

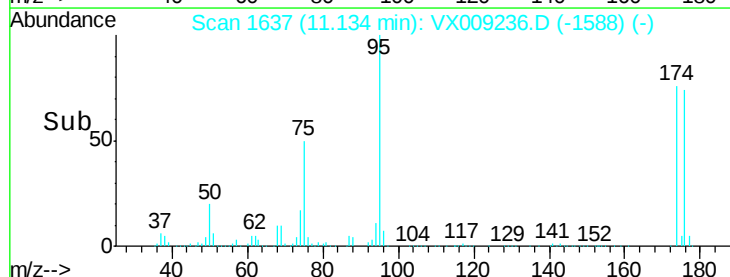
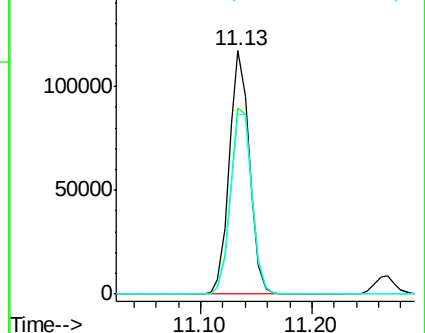
176 79.4 0.0 159.2

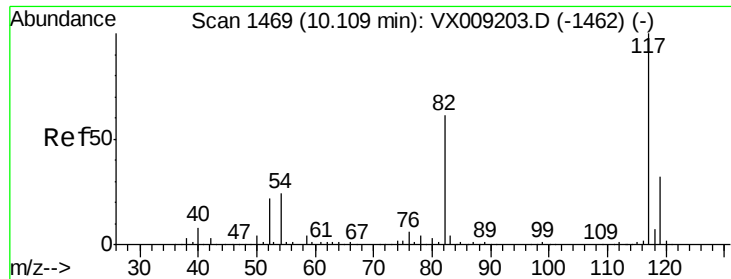


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

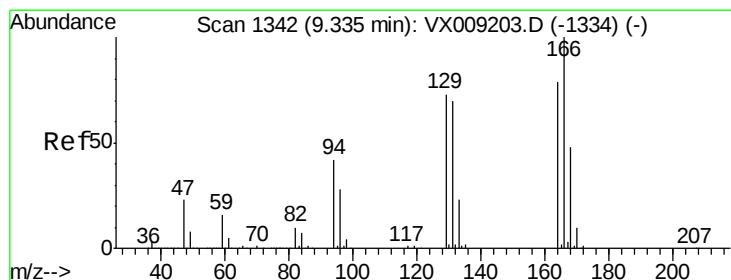
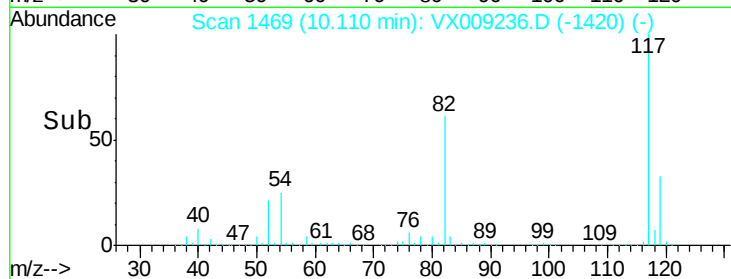
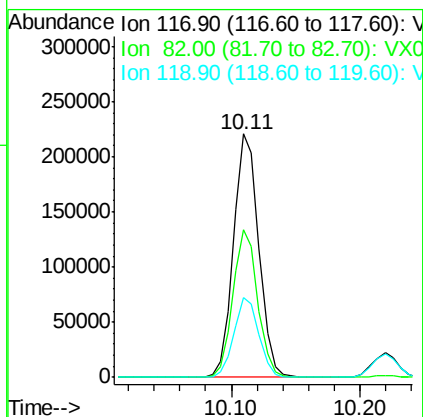
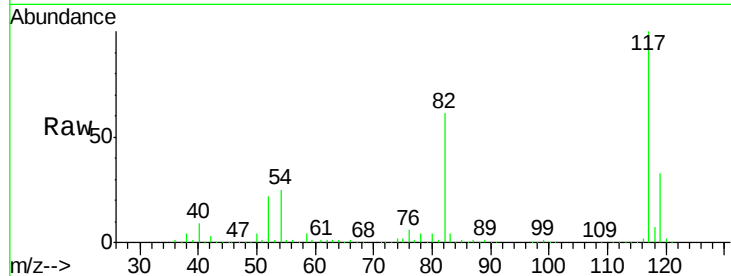




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

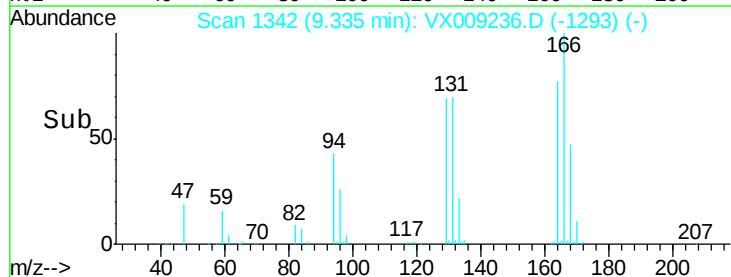
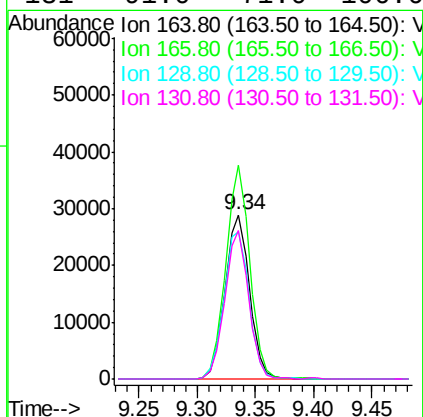
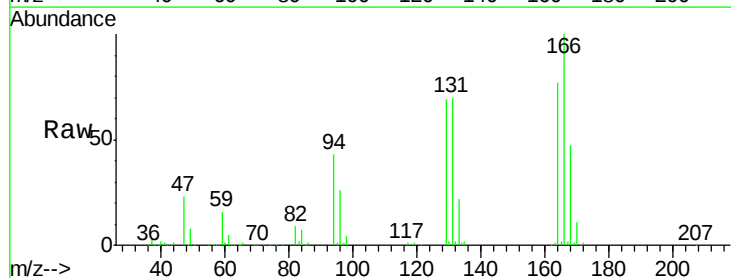
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

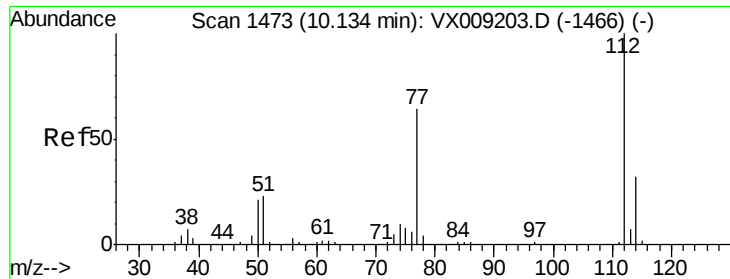
Tot Ion:117 Resp: 302020
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 20.380 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:164 Resp: 42222
Ion Ratio Lower Upper
164 100
166 130.3 101.2 151.8
129 89.8 74.3 111.5
131 91.0 71.0 106.6

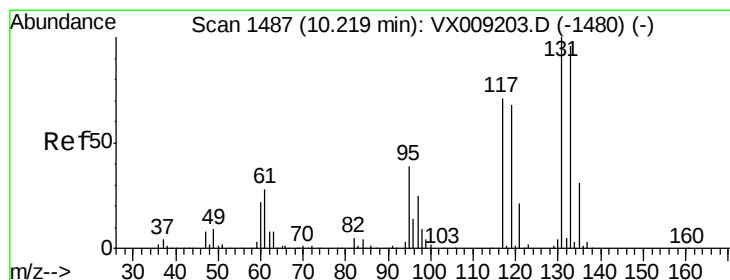
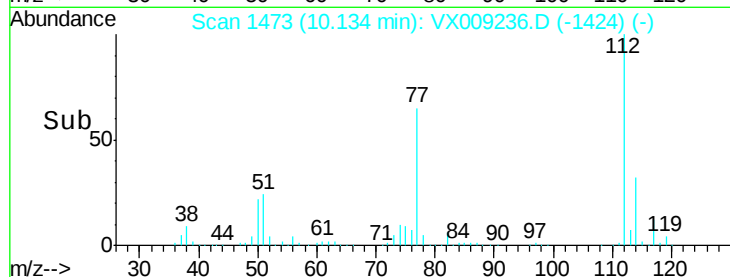
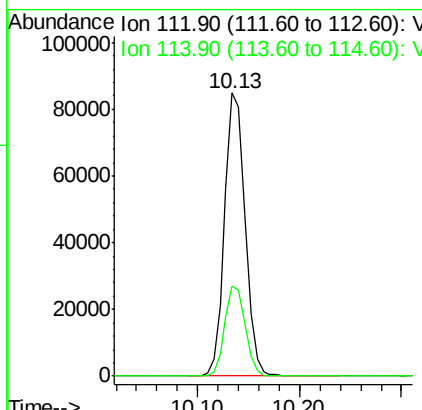
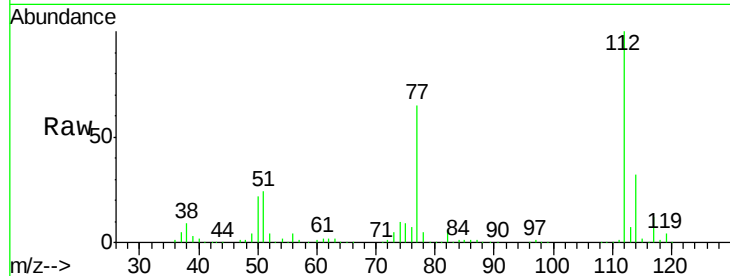




#65
Chlorobenzene
Concen: 19.677 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

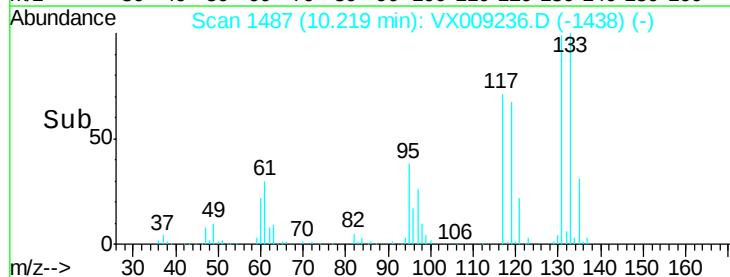
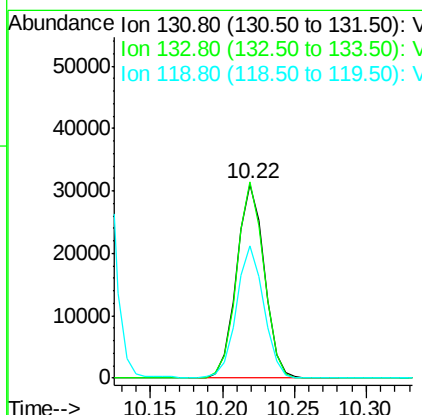
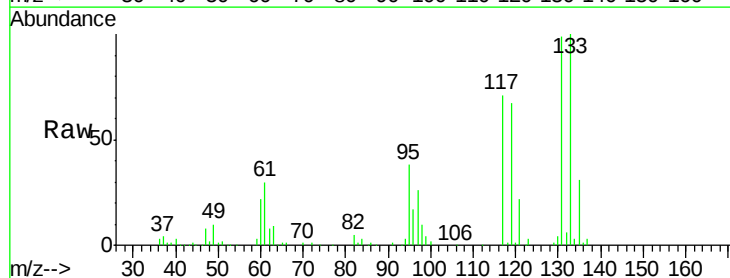
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

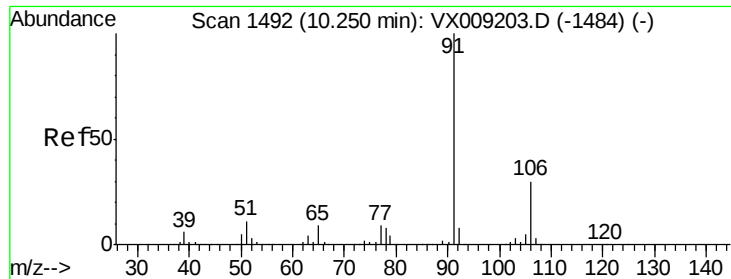
Tot Ion:112 Resp: 118886
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.106 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:131 Resp: 41849
Ion Ratio Lower Upper
131 100
133 98.9 47.7 143.1
119 67.2 33.5 100.4





#67

Ethyl Benzene

Concen: 20.063 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

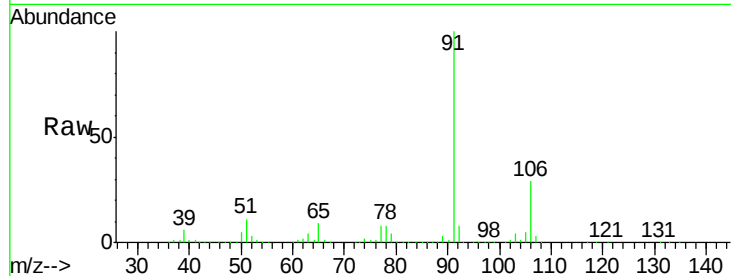
VX0430WBS01

Tot Ion: 91 Resp: 223086

Ion Ratio Lower Upper

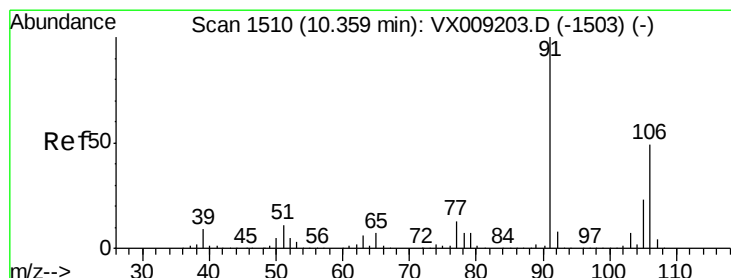
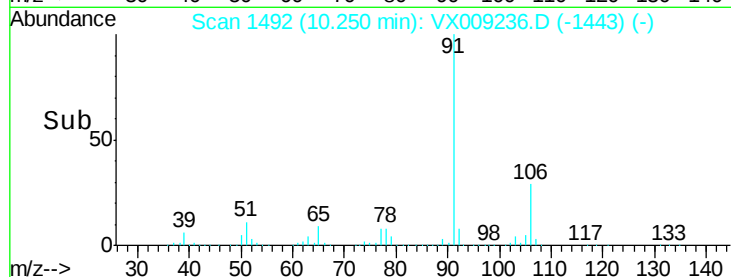
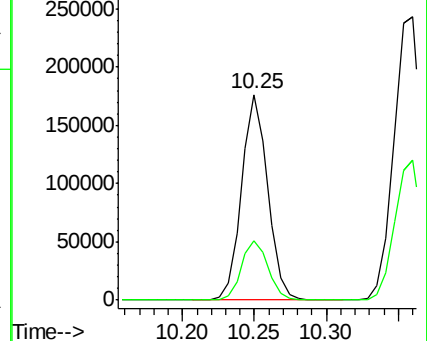
91 100

106 29.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.174 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009236.D

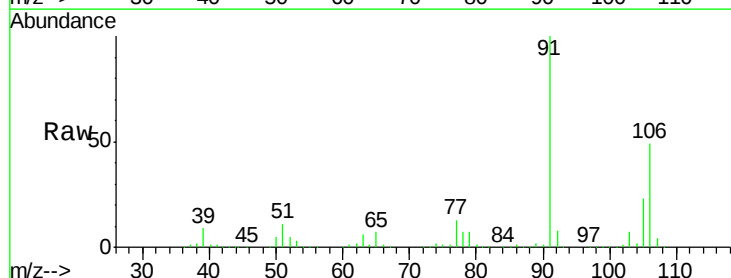
Acq: 30 Apr 2019 11:24

Tgt Ion:106 Resp: 163239

Ion Ratio Lower Upper

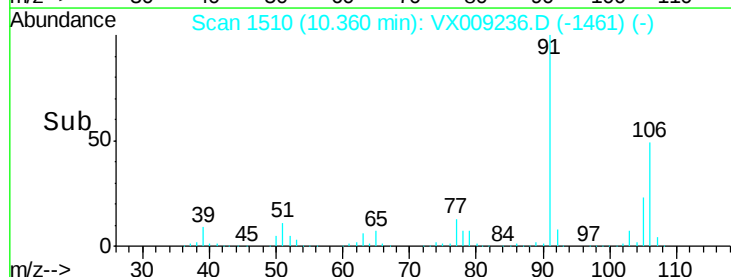
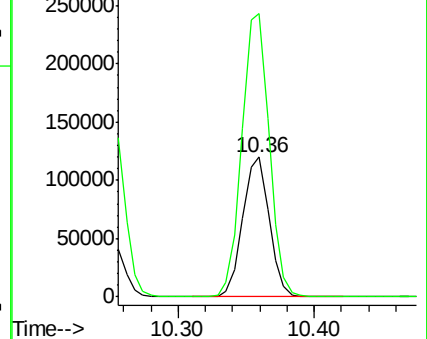
106 100

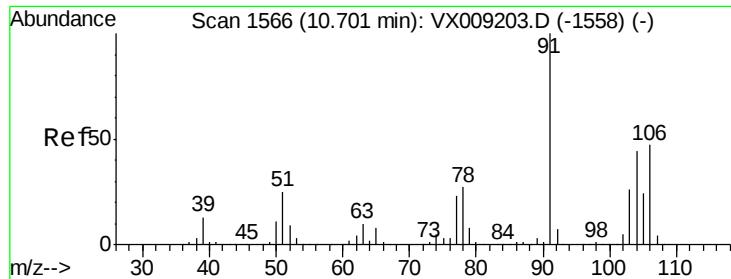
91 208.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

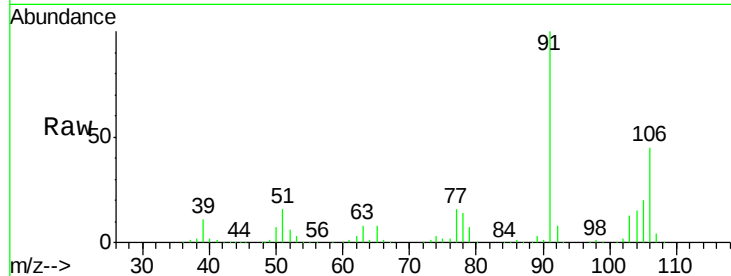




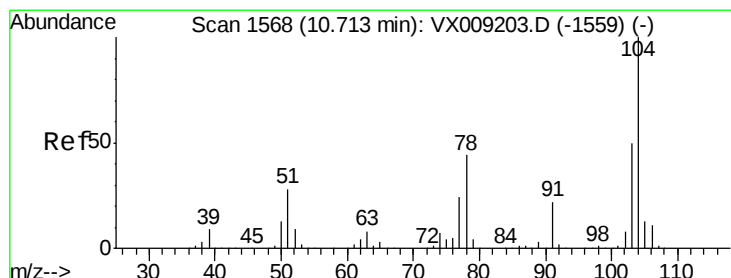
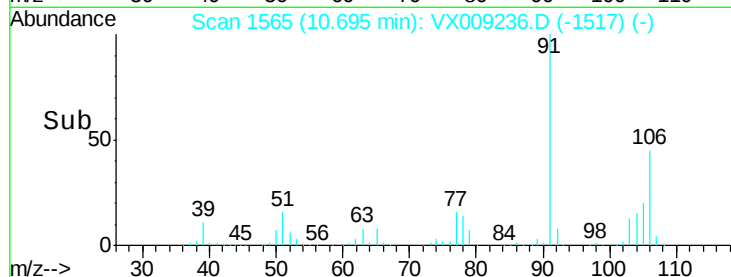
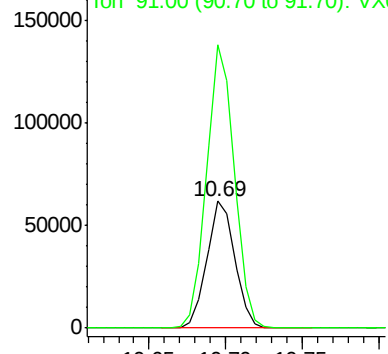
#69
o-Xylene
Concen: 19.592 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

Tot Ion:106 Resp: 78544
Ion Ratio Lower Upper
106 100
91 222.2 109.5 328.4

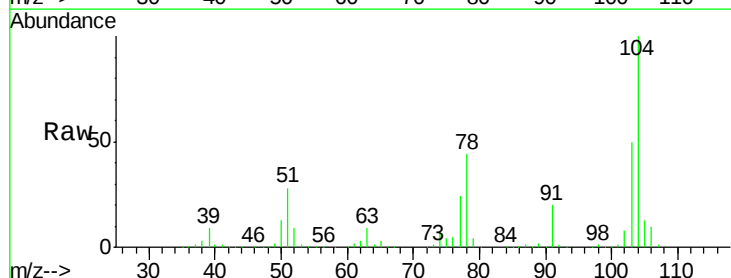


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

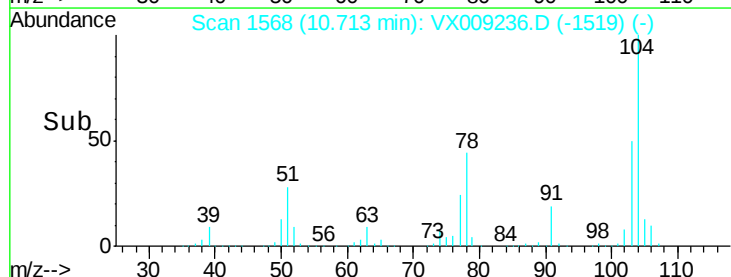
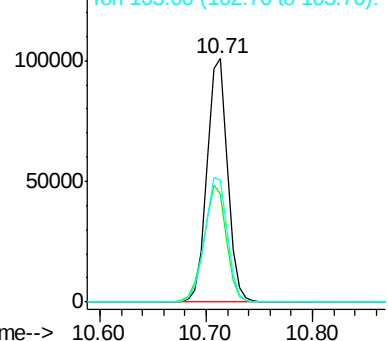


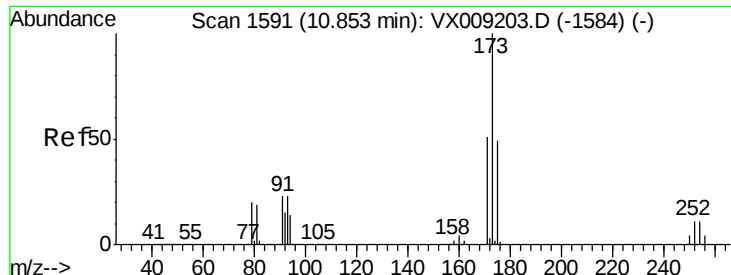
#70
Styrene
Concen: 19.780 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:104 Resp: 137828
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.4
103 55.9 43.8 65.6



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: 18.583 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

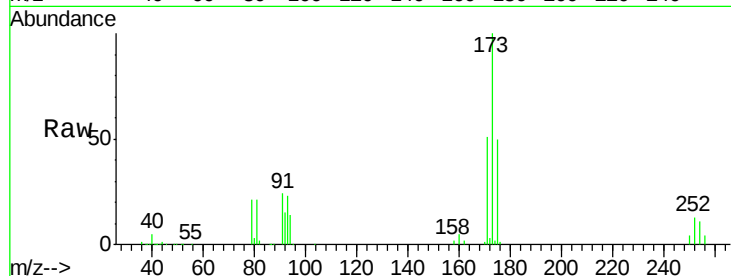
Tot Ion:173 Resp: 33079

Ion Ratio Lower Upper

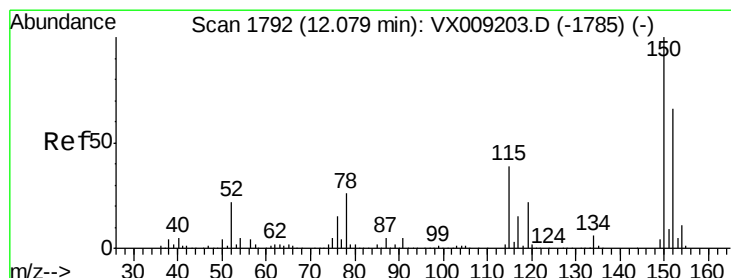
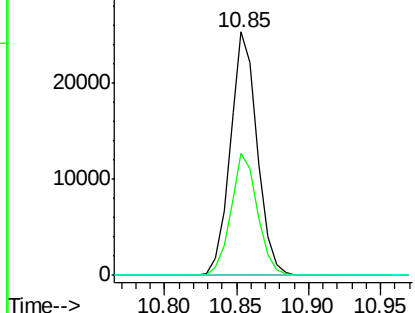
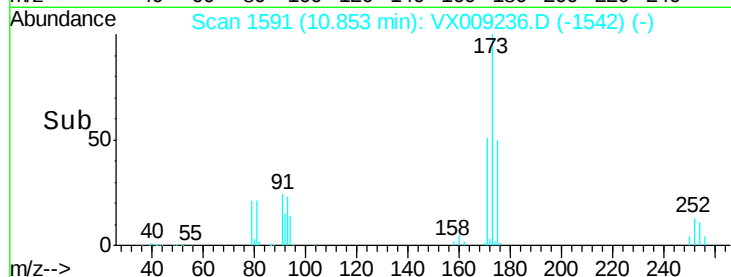
173 100

175 49.4 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

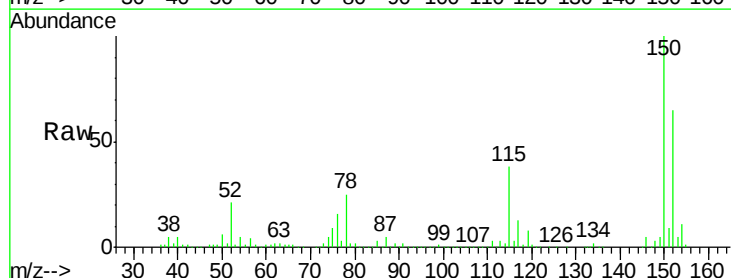
Tgt Ion:152 Resp: 147594

Ion Ratio Lower Upper

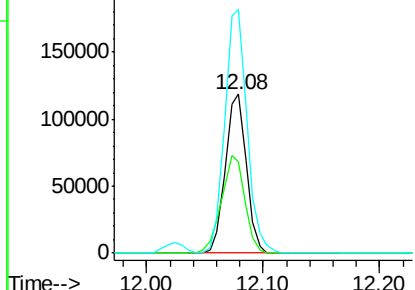
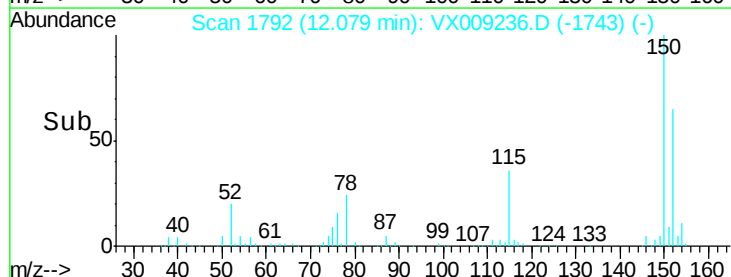
152 100

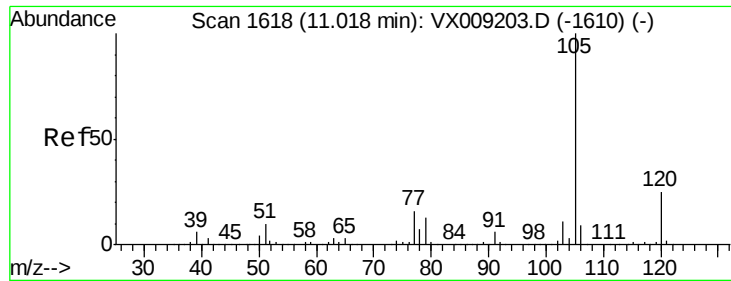
115 68.1 41.2 123.6

150 162.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.061 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

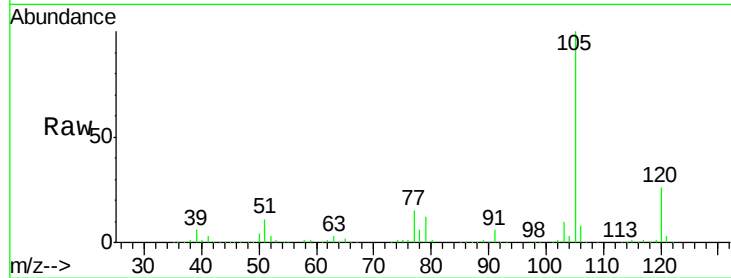
VX0430WBS01

Tot Ion:105 Resp: 215312

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

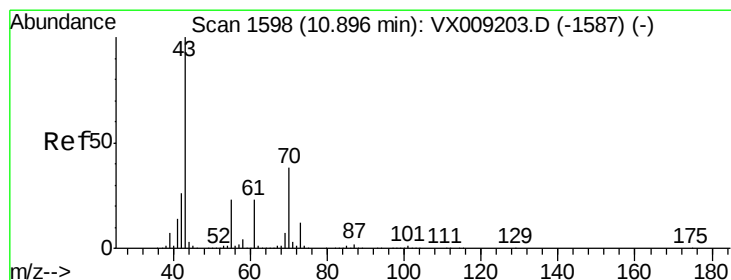
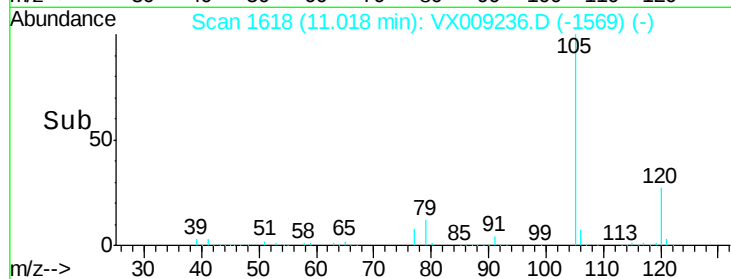
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.096 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion: 43 Resp: 119488

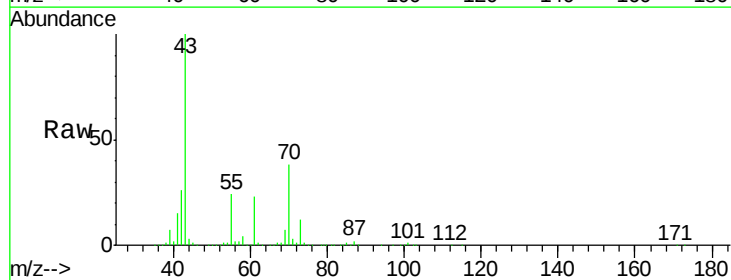
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 23.0 17.9 26.9

61 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

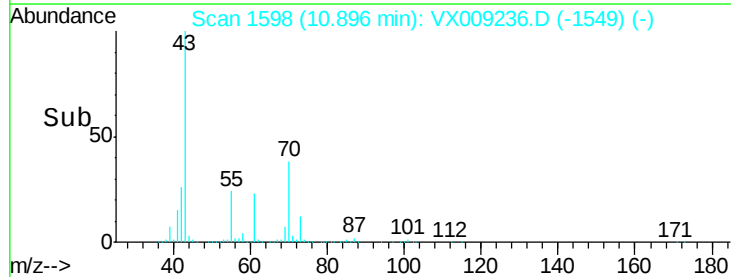
0

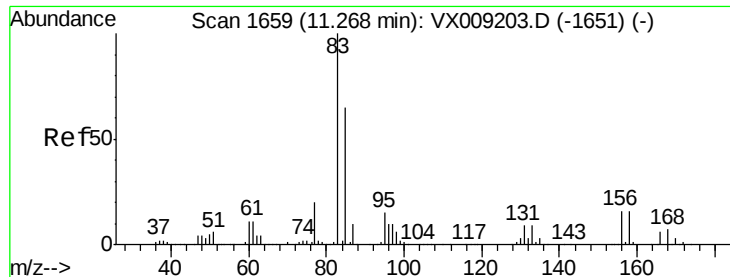
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.970 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

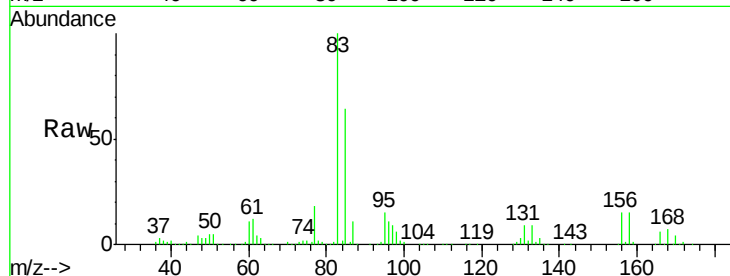
Tot Ion: 83 Resp: 75899

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

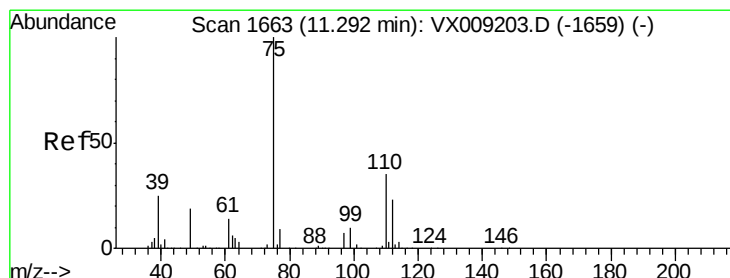
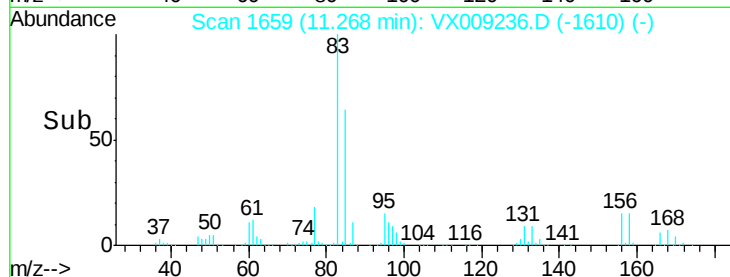
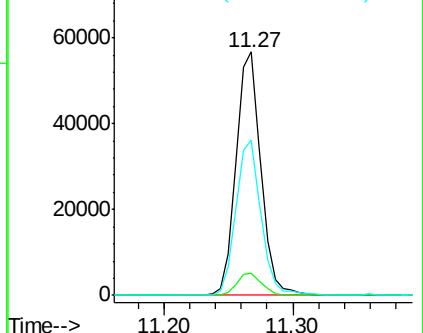
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.727 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009236.D

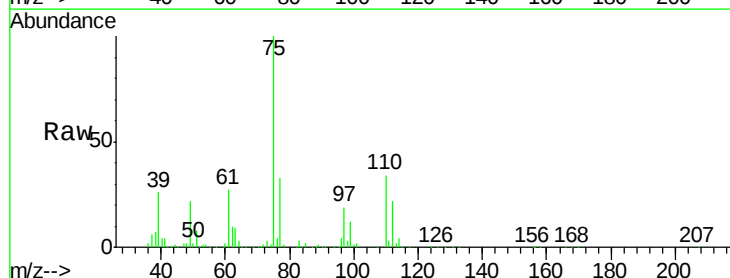
Acq: 30 Apr 2019 11:24

Tgt Ion: 75 Resp: 88081

Ion Ratio Lower Upper

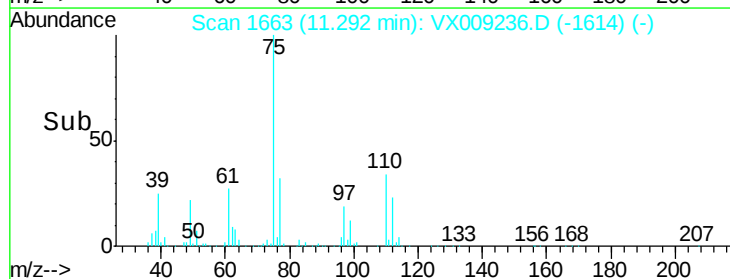
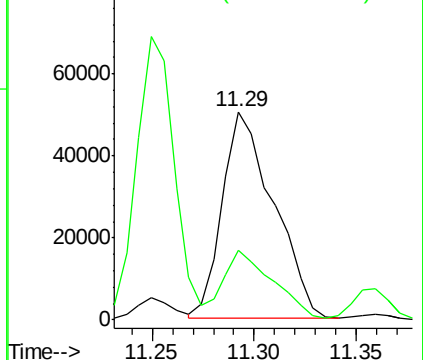
75 100

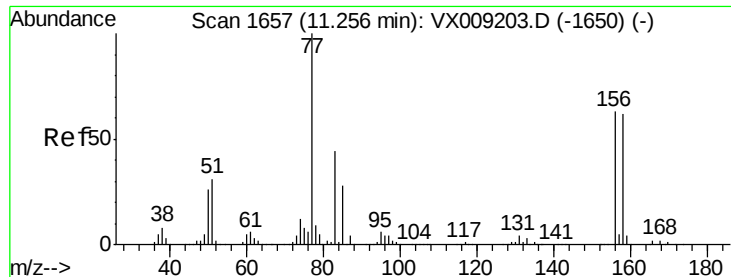
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.625 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

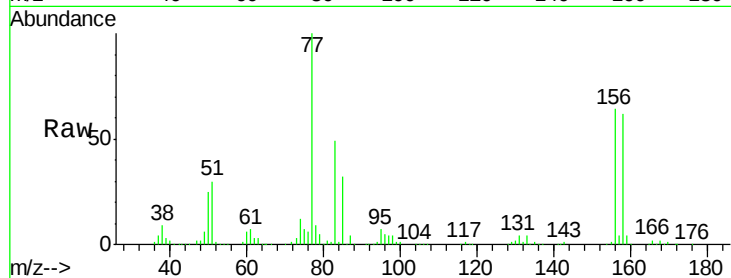
Tot Ion:156 Resp: 52281

Ion Ratio Lower Upper

156 100

77 170.1 84.8 254.3

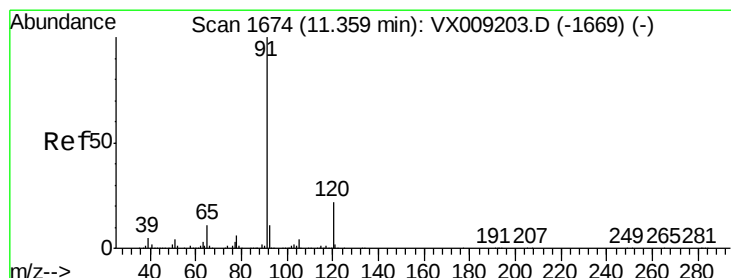
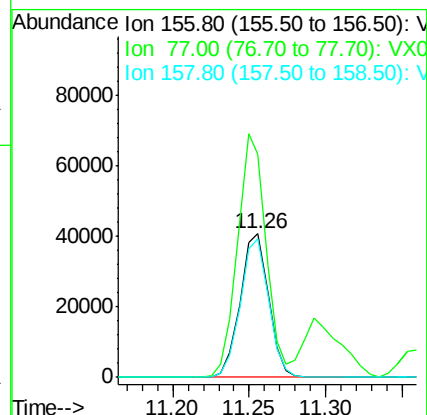
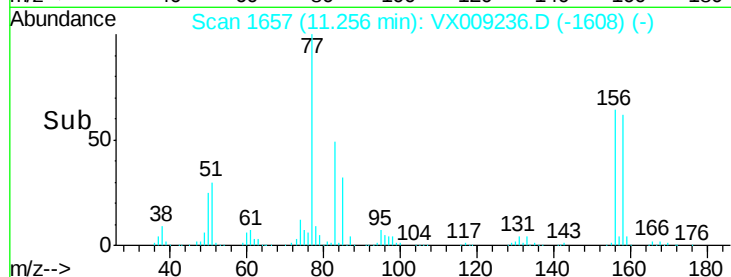
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.376 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009236.D

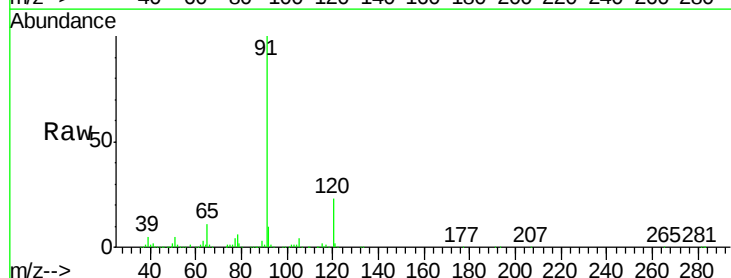
Acq: 30 Apr 2019 11:24

Tgt Ion: 91 Resp: 249756

Ion Ratio Lower Upper

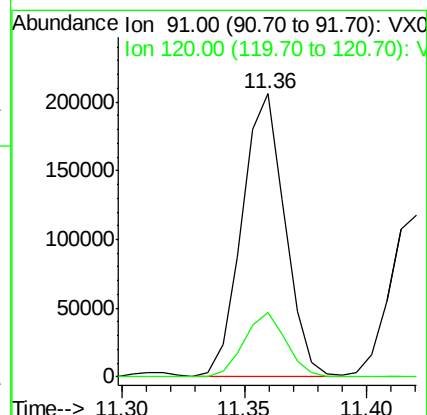
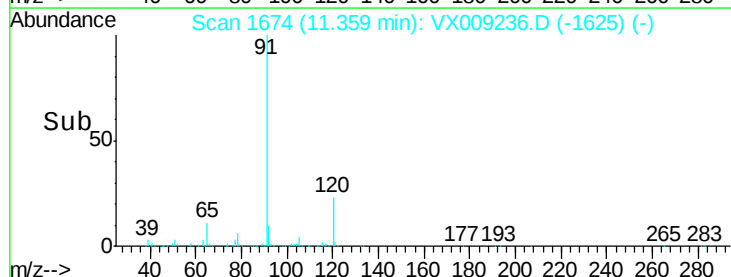
91 100

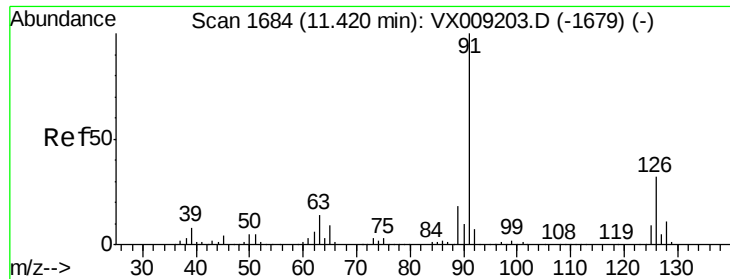
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

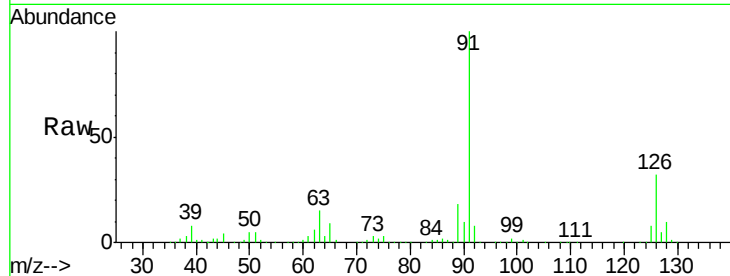
VX0430WBS01

Tot Ion: 91 Resp: 147898

Ion Ratio Lower Upper

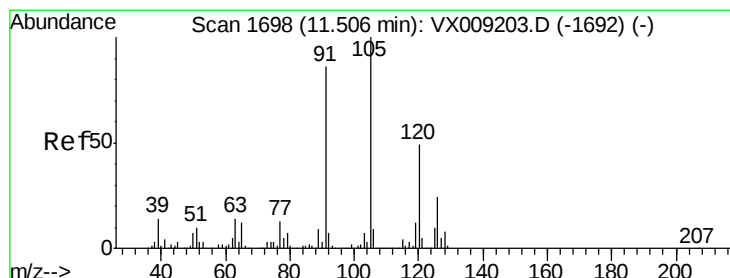
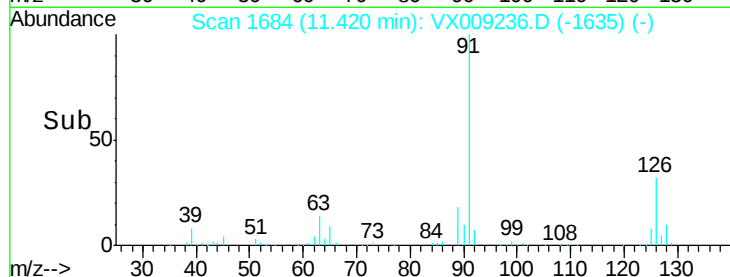
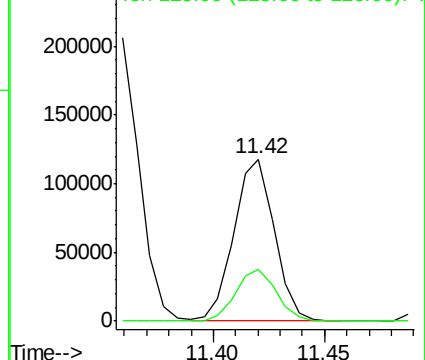
91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.095 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009236.D

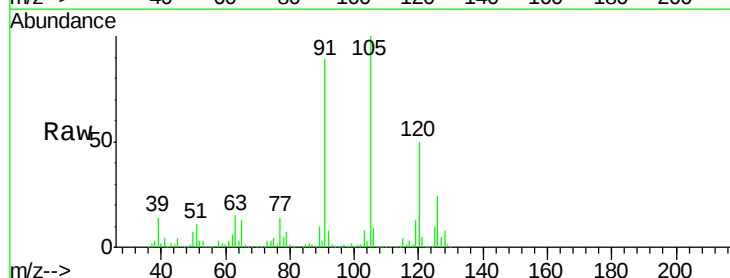
Acq: 30 Apr 2019 11:24

Tgt Ion:105 Resp: 181602

Ion Ratio Lower Upper

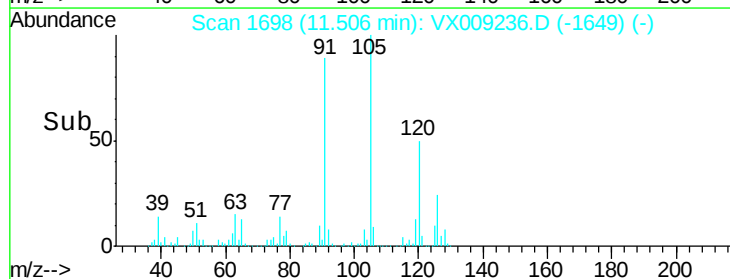
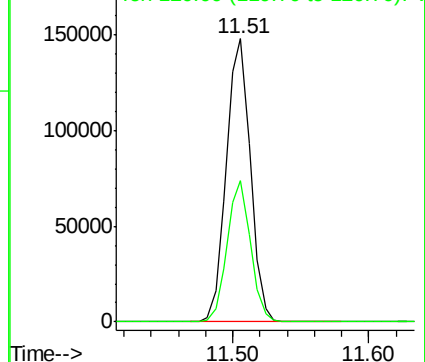
105 100

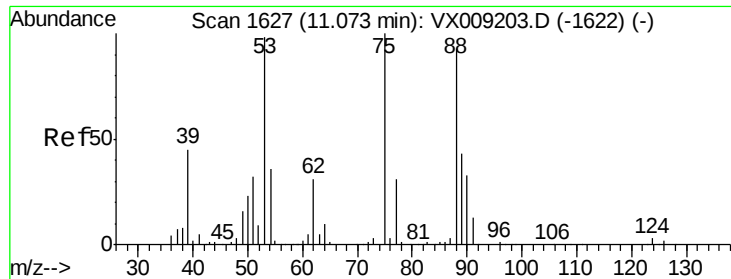
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.409 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

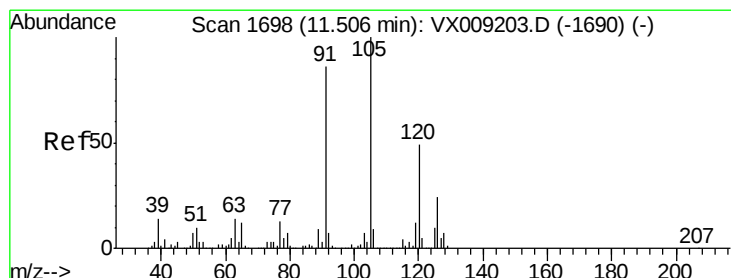
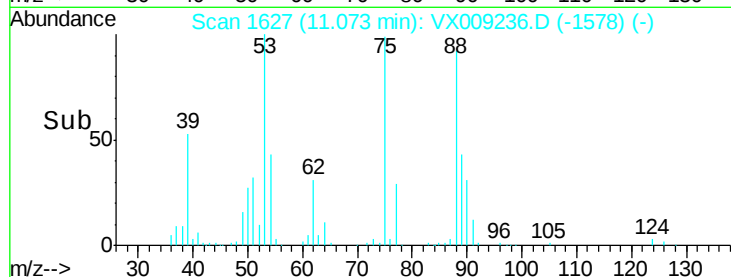
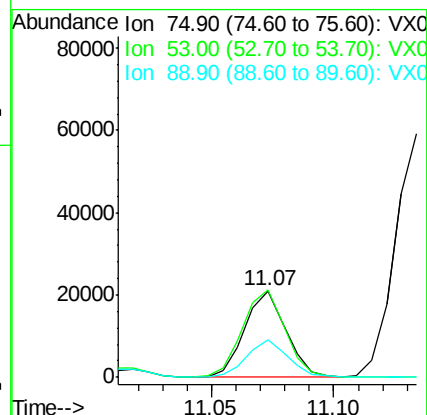
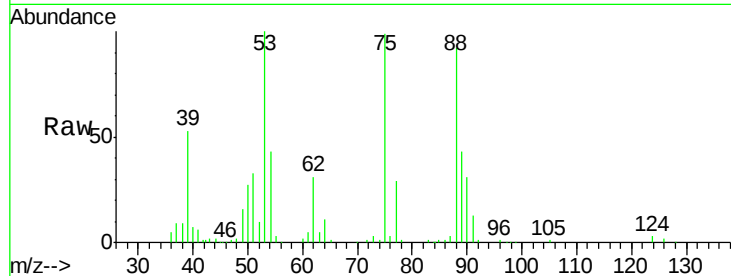
Tot Ion: 75 Resp: 24632

Ion Ratio Lower Upper

75 100

53 105.1 79.0 118.6

89 44.4 34.7 52.1



#82

4-Chlorotoluene

Concen: 19.835 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009236.D

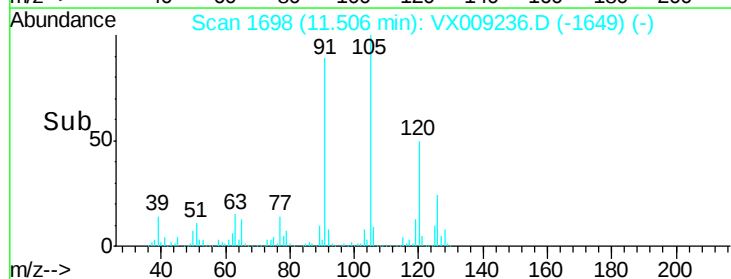
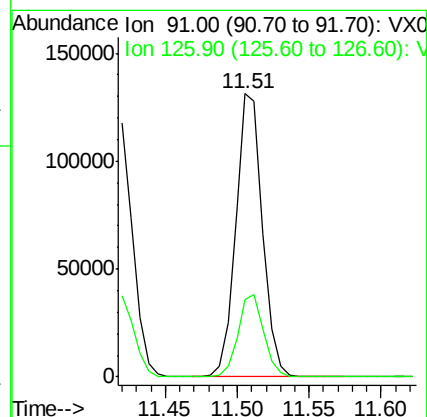
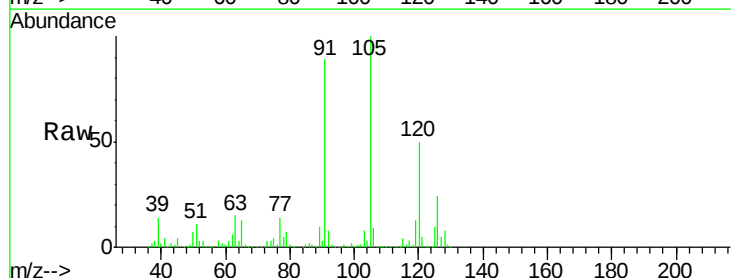
Acq: 30 Apr 2019 11:24

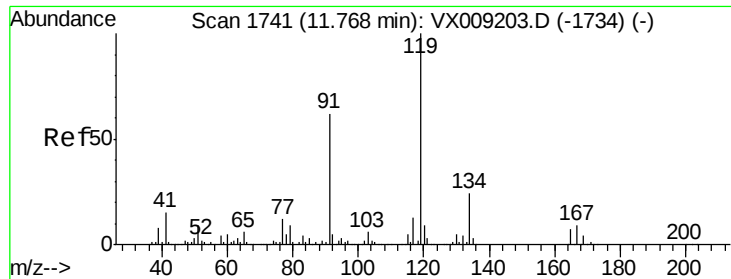
Tgt Ion: 91 Resp: 169458

Ion Ratio Lower Upper

91 100

126 28.0 14.5 43.6

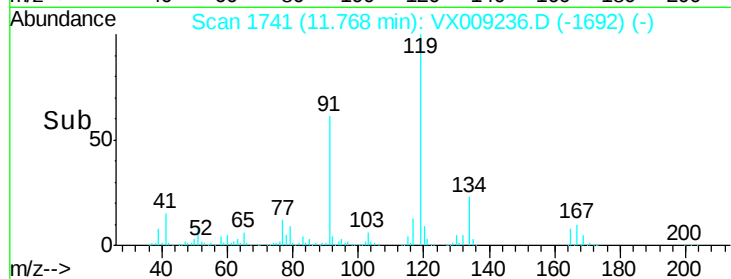
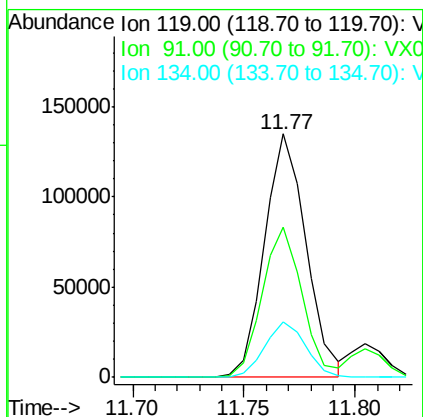
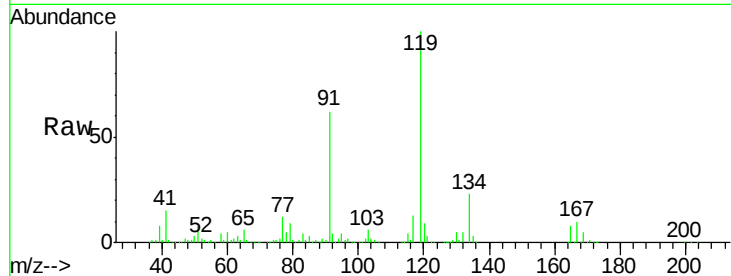




#83
tert-Butylbenzene
Concen: 19.837 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

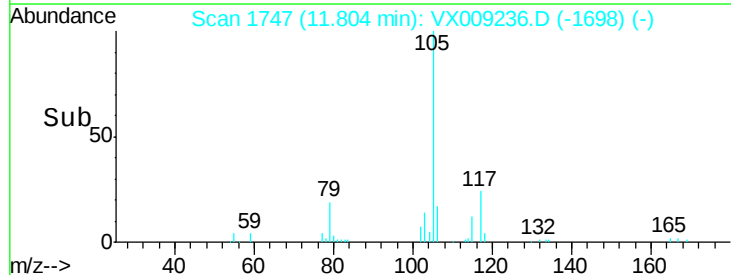
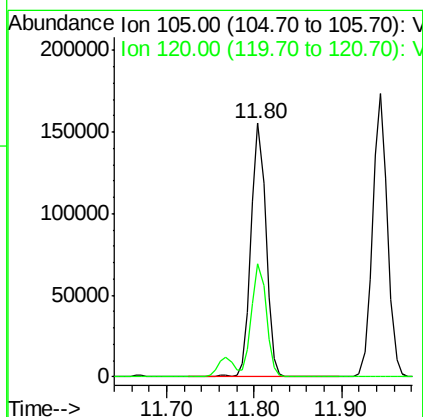
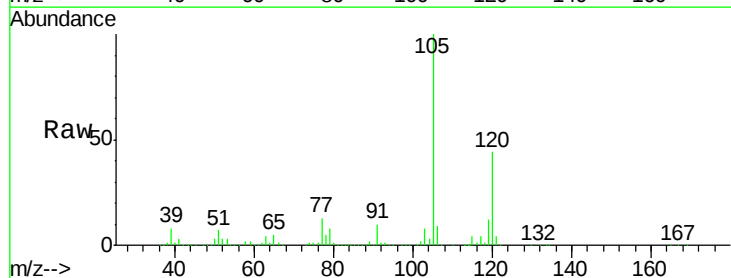
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion:119 Resp: 174390
Ion Ratio Lower Upper
119 100
91 60.0 29.5 88.5
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 20.079 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:105 Resp: 182135
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

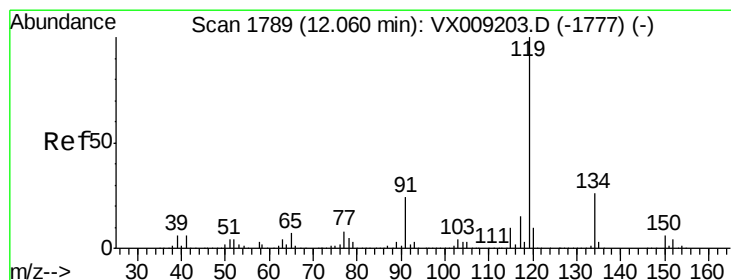
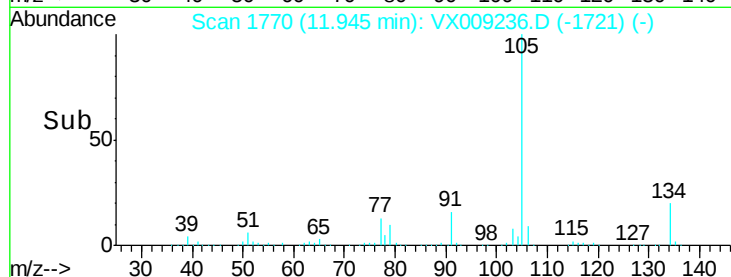
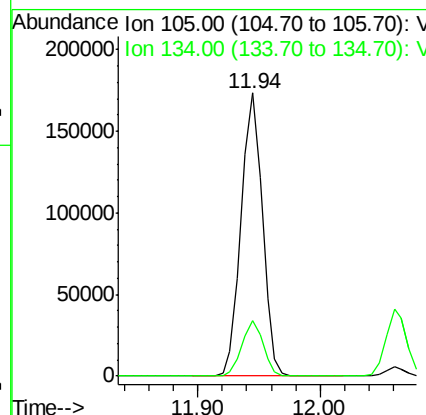
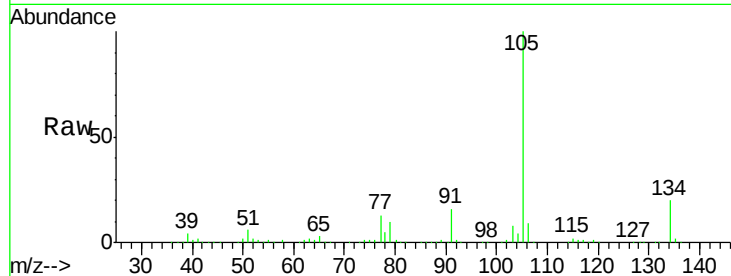




#85
 sec-Butylbenzene
 Concen: 20.011 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

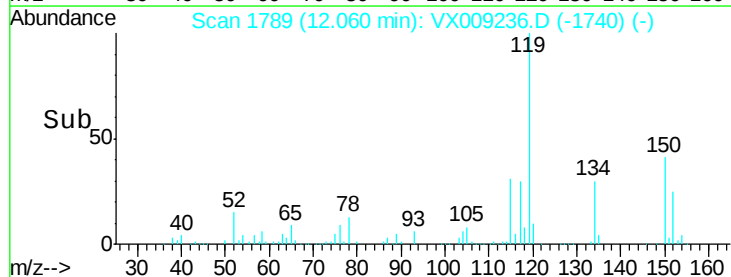
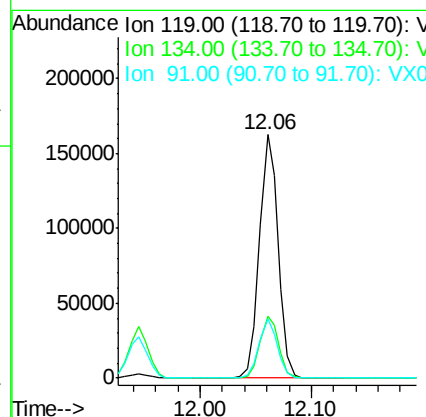
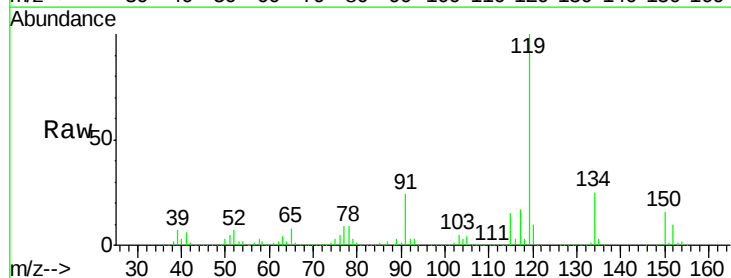
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion:105 Resp: 208567
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.386 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:119 Resp: 191019
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 23.9 11.8 35.4

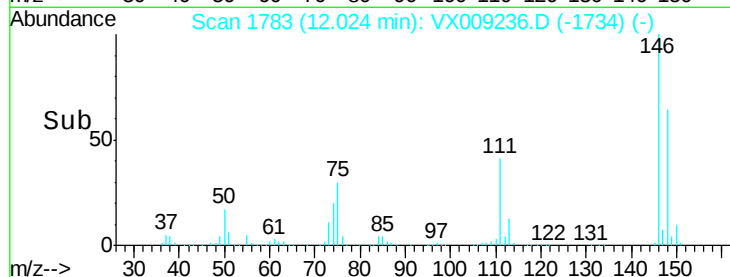
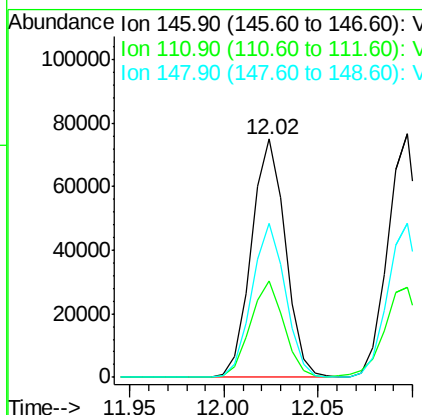
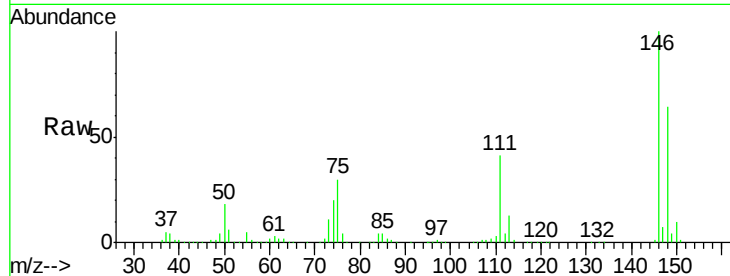




#87
 1,3-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

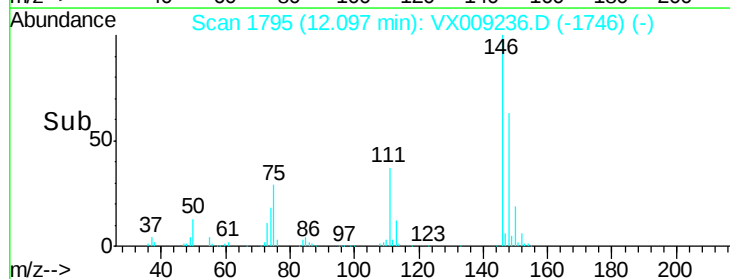
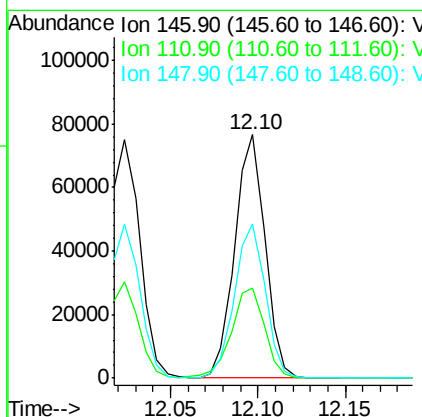
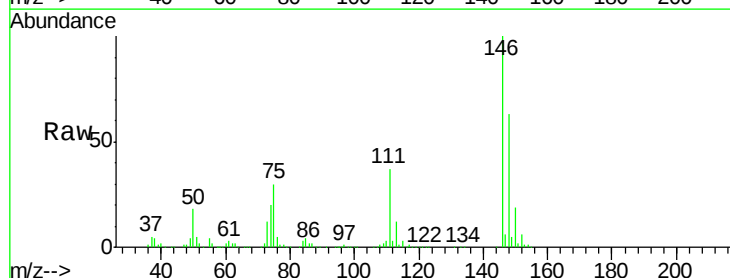
Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

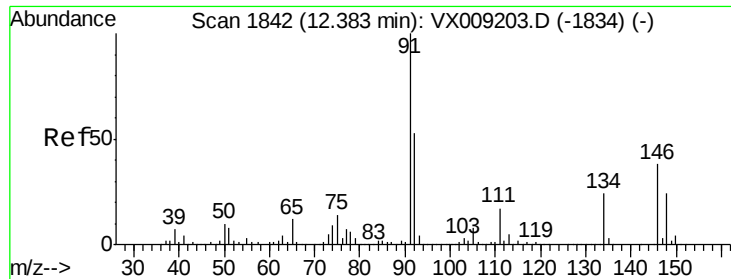
Tot Ion:146 Resp: 93609
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:146 Resp: 92909
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.8
 148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 20.358 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

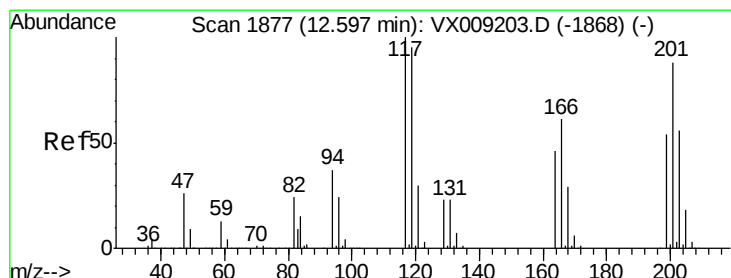
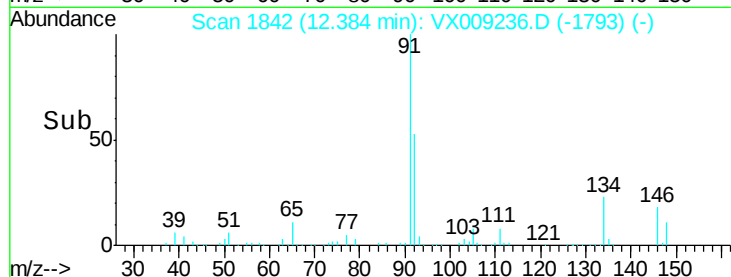
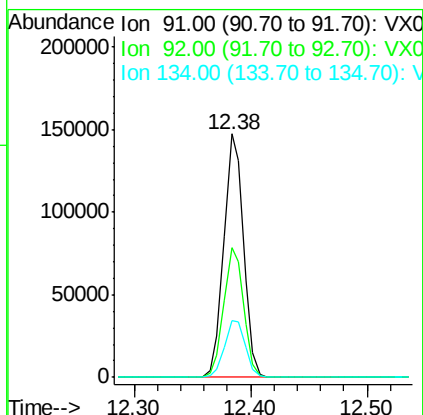
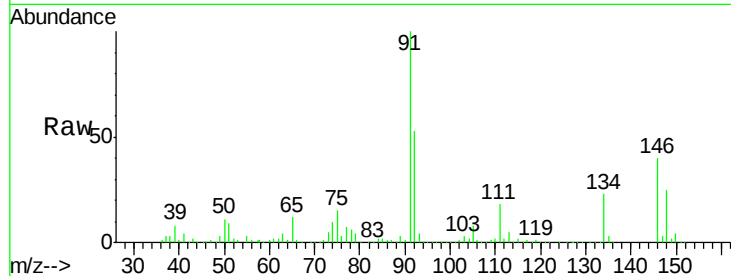
Tot Ion: 91 Resp: 172410

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

134 24.7 12.4 37.2



#90

Hexachloroethane

Concen: 19.281 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009236.D

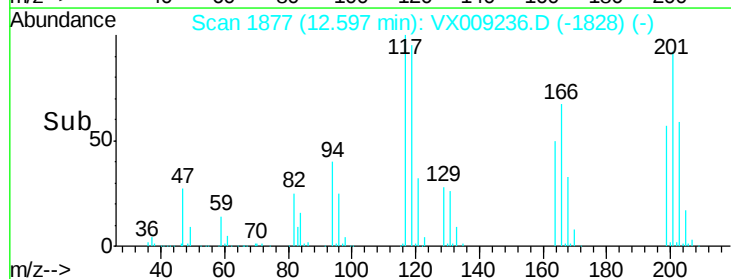
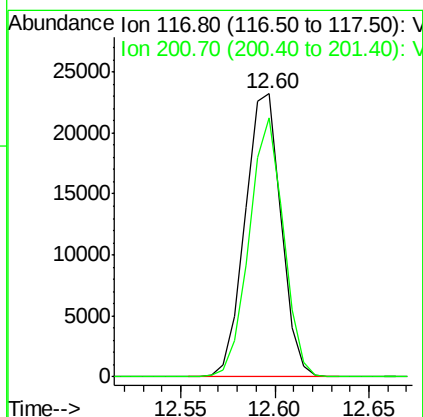
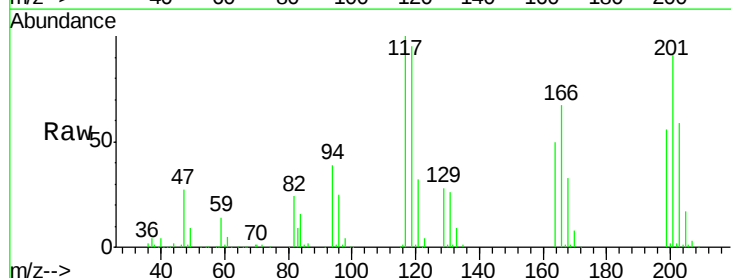
Acq: 30 Apr 2019 11:24

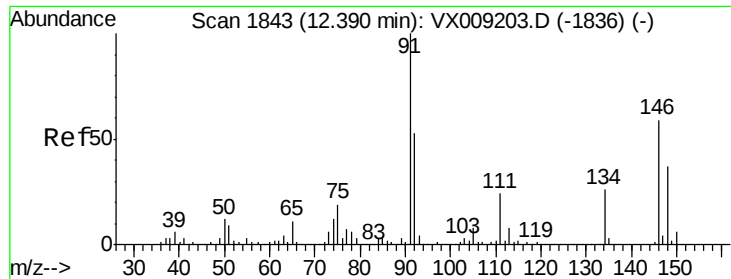
Tgt Ion: 117 Resp: 30779

Ion Ratio Lower Upper

117 100

201 87.0 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 19.456 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

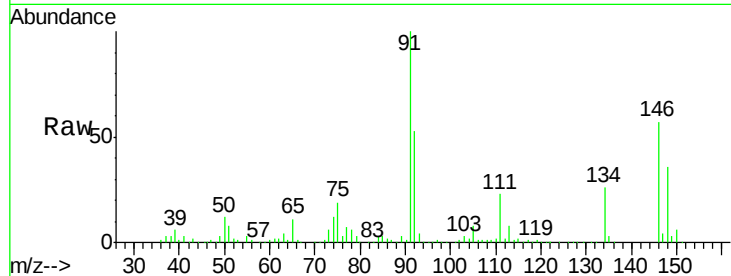
Tot Ion:146 Resp: 94107

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.4

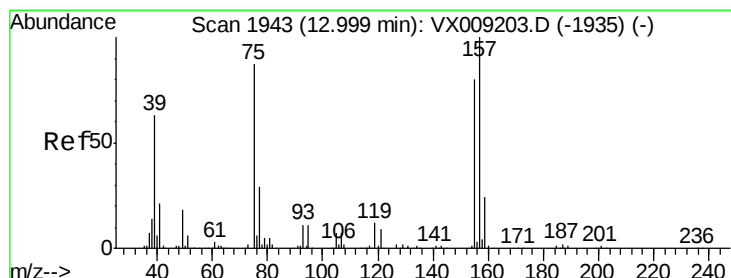
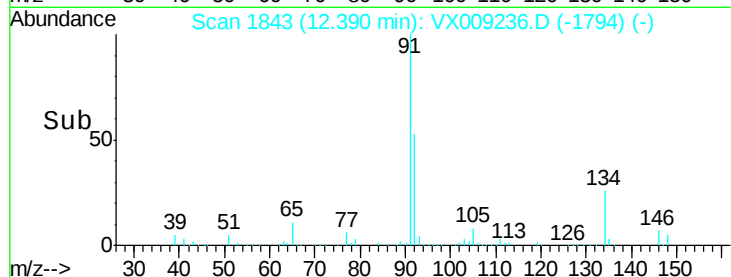
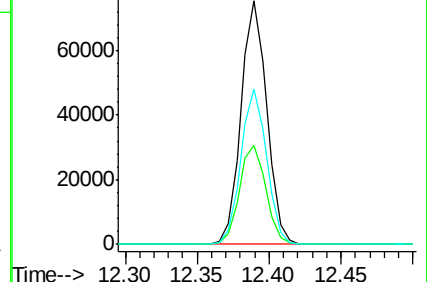
148 63.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.032 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

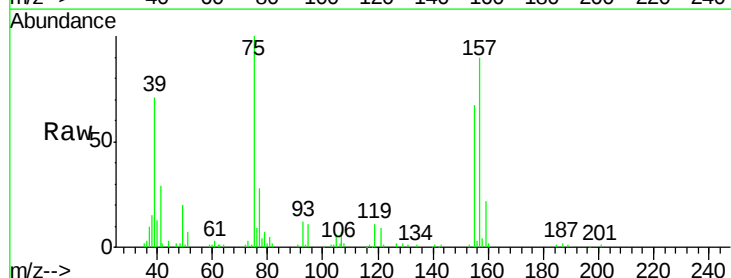
Tgt Ion: 75 Resp: 17980

Ion Ratio Lower Upper

75 100

155 78.2 42.0 126.0

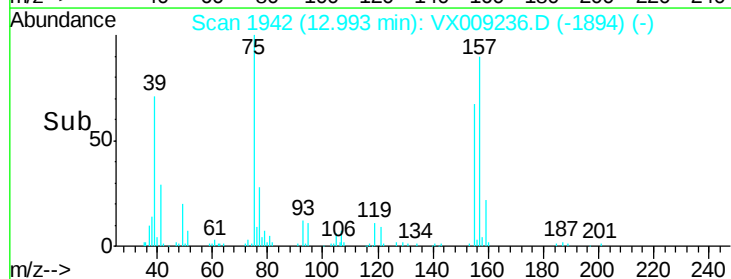
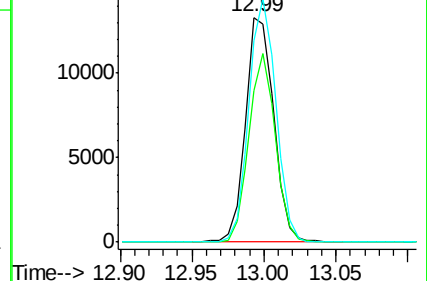
157 103.5 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

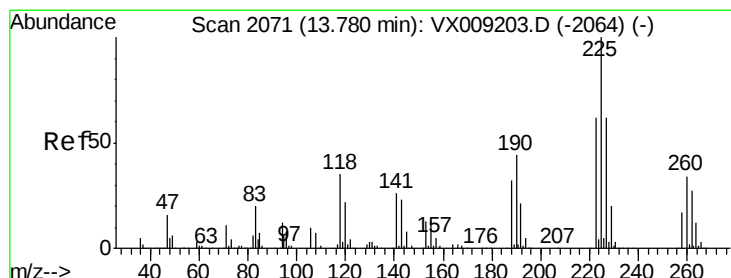
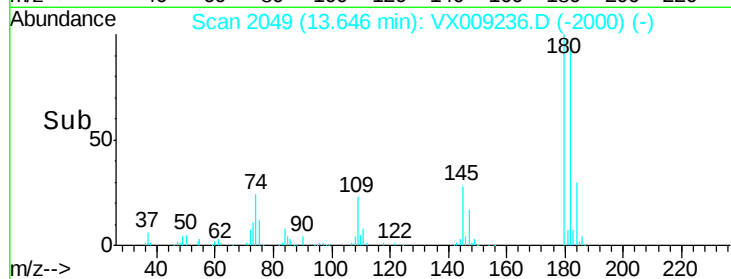
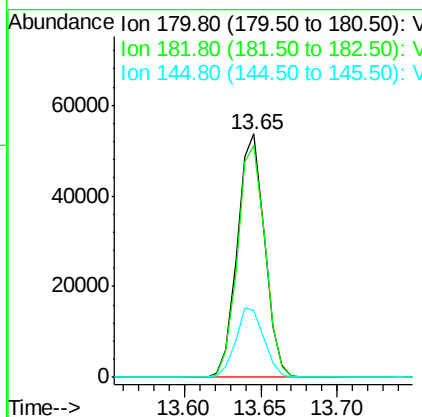
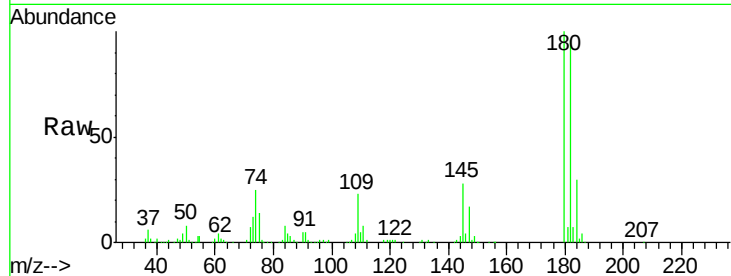




#93
 1,2,4-Trichlorobenzene
 Concen: 20.046 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

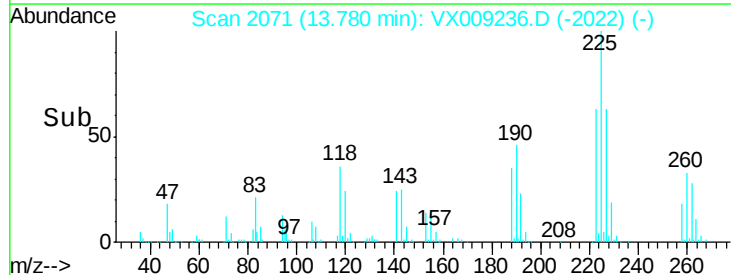
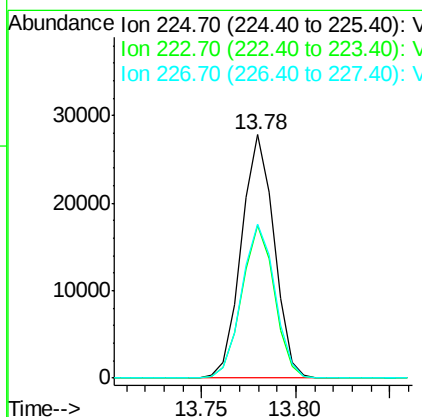
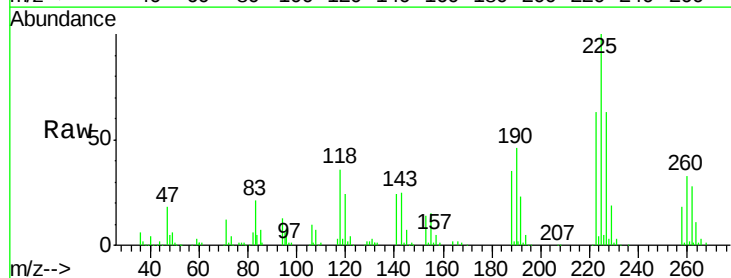
Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

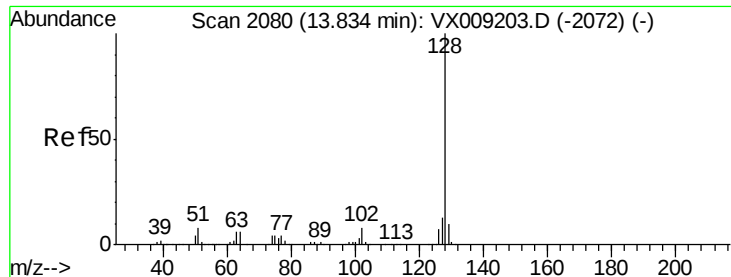
Tot Ion:180 Resp: 66305
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 29.3 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 19.853 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:225 Resp: 33534
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 64.3 31.8 95.3

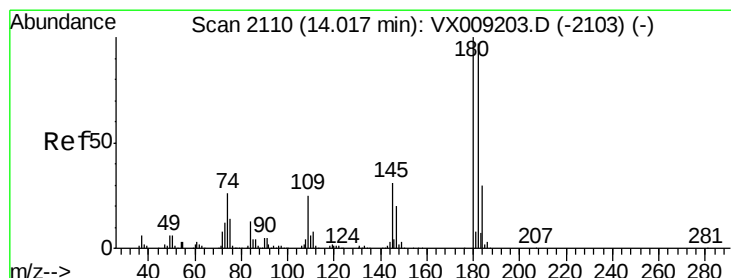
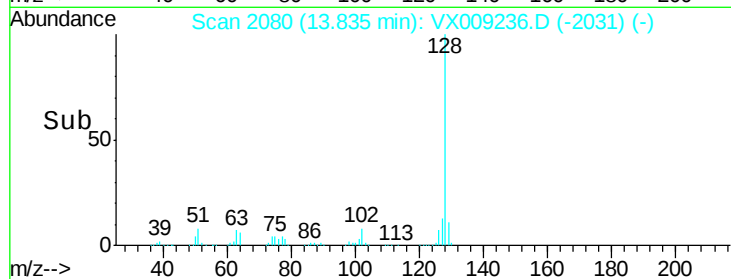
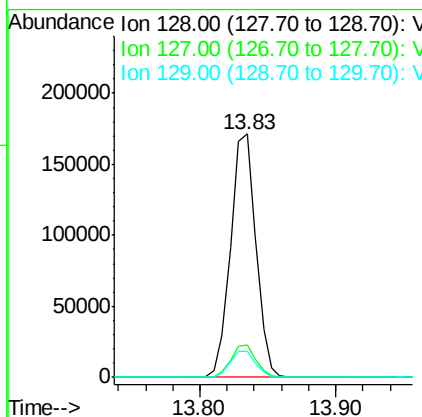
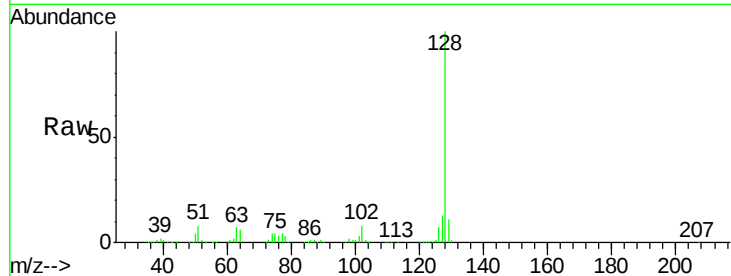




#95
Naphthalene
Concen: 20.653 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion:128 Resp: 222254
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.625 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:180 Resp: 69153
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.4
145 31.0 15.4 46.4

