

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010885.D
 Acq On : 15 Jul 2019 15:27
 Operator : JC/SP
 Sample : VX0715WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Quant Time: Jul 16 01:59:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127497	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.50	113	121553	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	430468	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	164464	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	34021	18.306	ug/l	98
3) Chloromethane	1.32	50	35314	16.319	ug/l	98
4) Vinyl Chloride	1.41	62	37835	15.962	ug/l	98
5) Bromomethane	1.64	94	21399	18.531	ug/l	98
6) Chloroethane	1.72	64	26354	18.846	ug/l	93
7) Trichlorofluoromethane	1.93	101	67276	17.905	ug/l	100
8) Diethyl Ether	2.19	74	24048	17.847	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39431	17.317	ug/l	98
10) Methyl Iodide	2.51	142	46260	14.235	ug/l	96
11) Tert butyl alcohol	3.04	59	50870	77.567	ug/l	96
12) 1,1-Dichloroethene	2.37	96	38859	16.771	ug/l	98
13) Acrolein	2.29	56	41824	96.135	ug/l	99
14) Allyl chloride	2.73	41	57407	17.452	ug/l	96
15) Acrylonitrile	3.14	53	115142	88.676	ug/l	99
16) Acetone	2.45	43	108270	86.196	ug/l	96
17) Carbon Disulfide	2.57	76	88095	14.172	ug/l	97
18) Methyl Acetate	2.78	43	46086	18.409	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130465	17.899	ug/l	99
20) Methylene Chloride	2.85	84	44981	17.401	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41012	16.458	ug/l	96
22) Diisopropyl ether	3.85	45	123491	17.956	ug/l	99
23) Vinyl Acetate	3.81	43	541360	91.115	ug/l	97
24) 1,1-Dichloroethane	3.70	63	69951	17.596	ug/l	99
25) 2-Butanone	4.67	43	161617	87.715	ug/l	98
26) 2,2-Dichloropropane	4.58	77	58325	16.889	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	48614	16.882	ug/l	95
28) Bromochloromethane	5.02	49	30296	15.939	ug/l	91
29) Tetrahydrofuran	5.13	42	102378	89.705	ug/l	98
30) Chloroform	5.21	83	76573	17.902	ug/l	100
31) Cyclohexane	5.58	56	61156	16.893	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	66215	17.531	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53054	16.812	ug/l	98
37) Ethyl Acetate	4.83	43	59656	18.375	ug/l	100
38) Carbon Tetrachloride	5.79	117	55691	16.297	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67498	16.272	ug/l	95
40) Benzene	6.14	78	167947	17.082	ug/l	100
41) Methacrylonitrile	5.04	41	32205	18.079	ug/l	96
42) 1,2-Dichloroethane	6.20	62	59028	19.723	ug/l	97
43) Isopropyl Acetate	6.45	43	95251	17.733	ug/l	98
44) Trichloroethene	7.21	130	48146	16.366	ug/l	98
45) 1,2-Dichloropropane	7.51	63	42981	17.312	ug/l	96
46) Dibromomethane	7.66	93	31042	17.426	ug/l	97
47) Bromodichloromethane	7.90	83	55269	16.930	ug/l	99
48) Methyl methacrylate	7.77	41	46107	18.467	ug/l	97
49) 1,4-Dioxane	7.74	88	26246	364.920	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	315470	91.832	ug/l	98
52) Toluene	8.78	92	109797	16.958	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57879	15.814	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	65415	16.447	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	46958	17.586	ug/l	99
56) Ethyl methacrylate	9.18	69	68643	16.970	ug/l	95
57) 1,3-Dichloropropane	9.37	76	73727	17.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154992	80.678	ug/l	98
59) 2-Hexanone	9.49	43	246222	91.068	ug/l	97
60) Dibromochloromethane	9.58	129	46639	15.599	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49198	17.070	ug/l	100
64) Tetrachloroethene	9.34	164	45962	15.841	ug/l	99
65) Chlorobenzene	10.13	112	125418	17.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45801	17.266	ug/l	98
67) Ethyl Benzene	10.25	91	212370	17.273	ug/l	98
68) m/p-Xylenes	10.36	106	165147	34.666	ug/l	98
69) o-Xylene	10.69	106	81808	17.462	ug/l	100
70) Styrene	10.71	104	135529	17.250	ug/l	96
71) Bromoform	10.85	173	33970	14.726	ug/l #	98
73) Isopropylbenzene	11.02	105	217473	17.305	ug/l	98
74) N-amyl acetate	10.90	43	87681	18.462	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	73486	17.657	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76524	22.652	ug/l	81
77) Bromobenzene	11.25	156	59020	16.819	ug/l	98
78) n-propylbenzene	11.36	91	240875	17.440	ug/l	99
79) 2-Chlorotoluene	11.42	91	143690	17.471	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	182840	17.649	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18981	13.108	ug/l #	82
82) 4-Chlorotoluene	11.51	91	164483	17.576	ug/l	98
83) tert-Butylbenzene	11.77	119	181764	17.480	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182211	17.506	ug/l	100
85) sec-Butylbenzene	11.94	105	212527	17.408	ug/l	99
86) p-Isopropyltoluene	12.06	119	195262	17.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104468	17.055	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	104992	16.837	ug/l	98
89) n-Butylbenzene	12.38	91	164692	17.162	ug/l	99
90) Hexachloroethane	12.59	117	28154	14.418	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	105542	17.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15081	16.807	ug/l	87

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

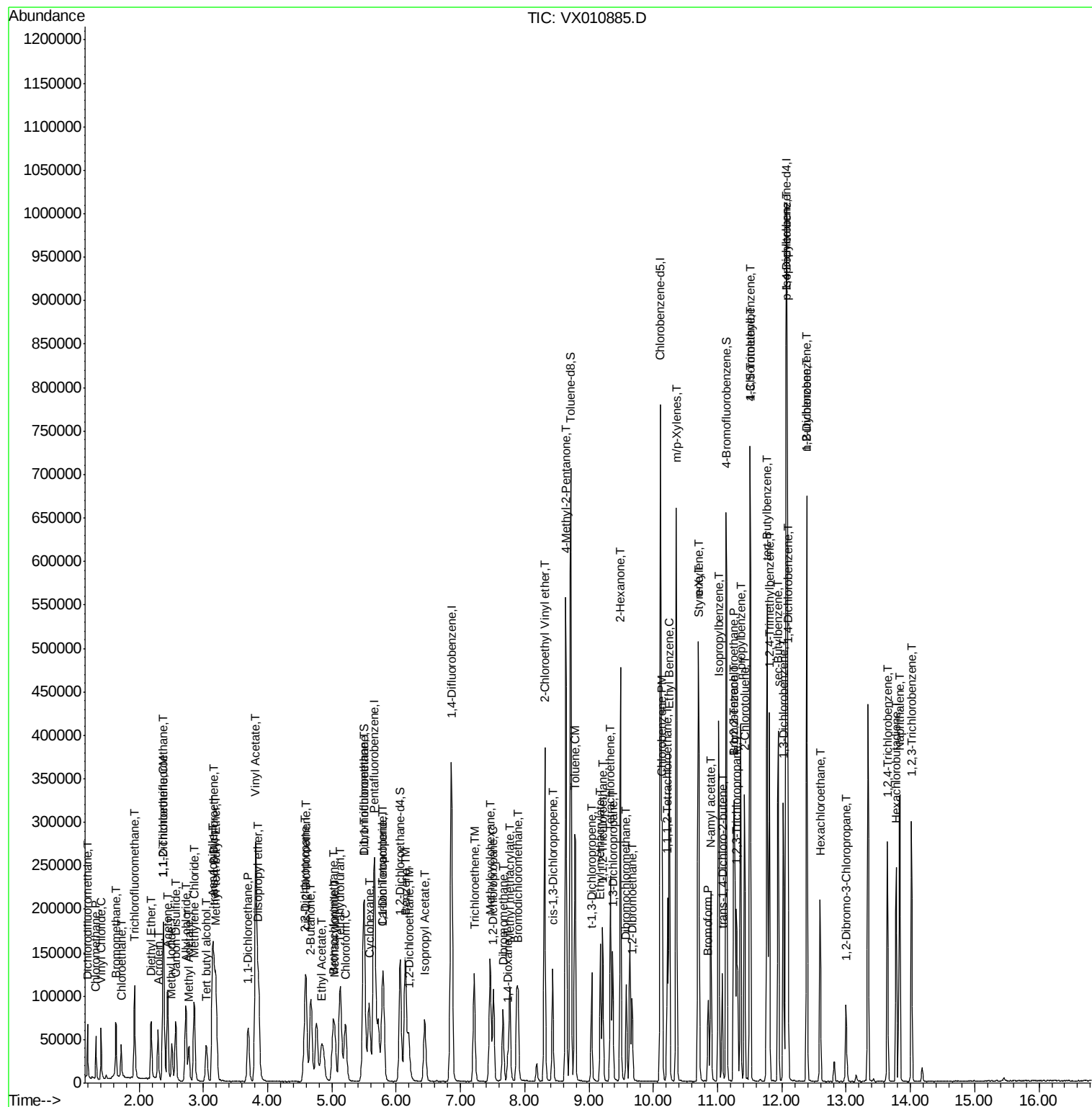
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69830	16.541	ug/l	99
94) Hexachlorobutadiene	13.78	225	33888	16.424	ug/l	96
95) Naphthalene	13.83	128	214851	16.561	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70409	16.774	ug/l	98

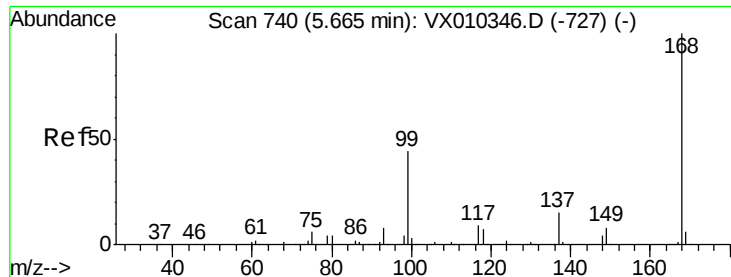
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

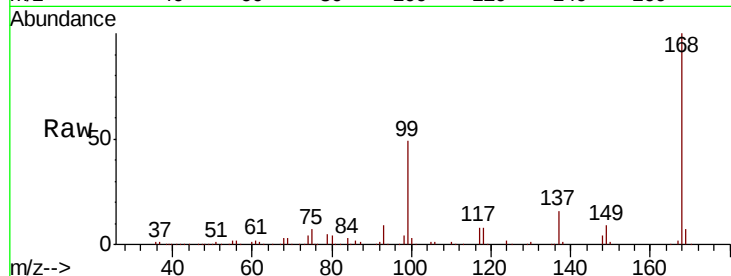
VX0715WBS03

Tot Ion:168 Resp: 267313

Ion Ratio Lower Upper

168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

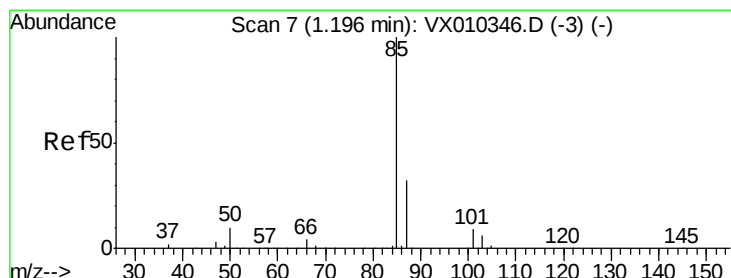
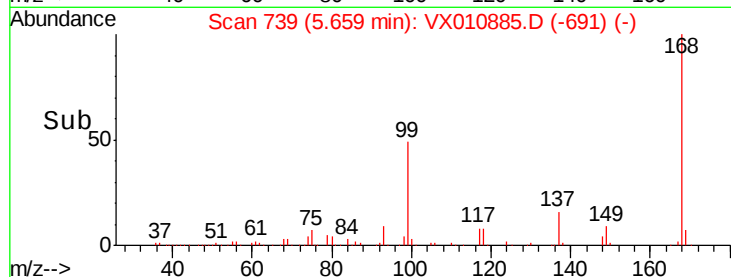
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.306 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010885.D

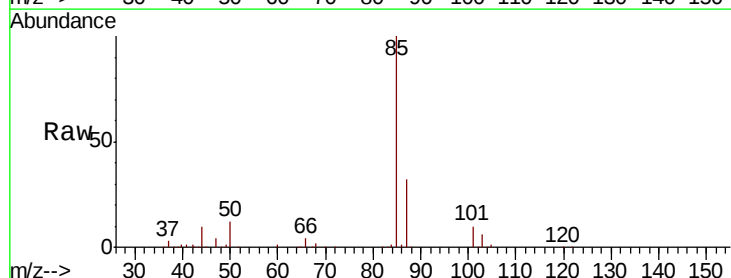
Acq: 15 Jul 2019 15:27

Tgt Ion: 85 Resp: 34021

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

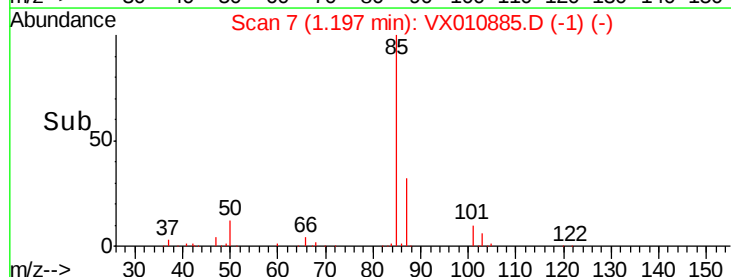
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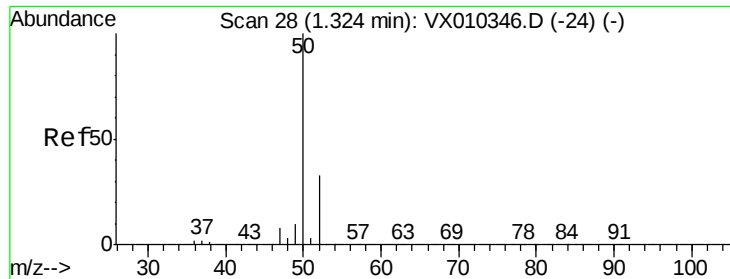
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.319 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

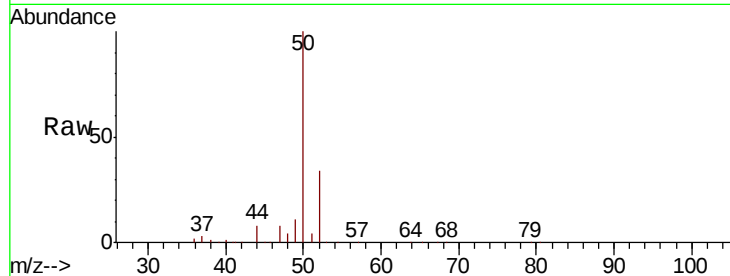
VX0715WBS03

Tot Ion: 50 Resp: 35314

Ion Ratio Lower Upper

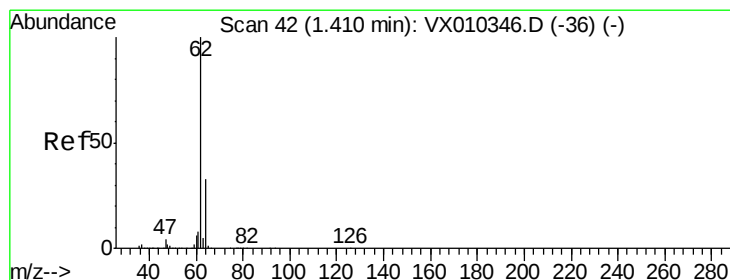
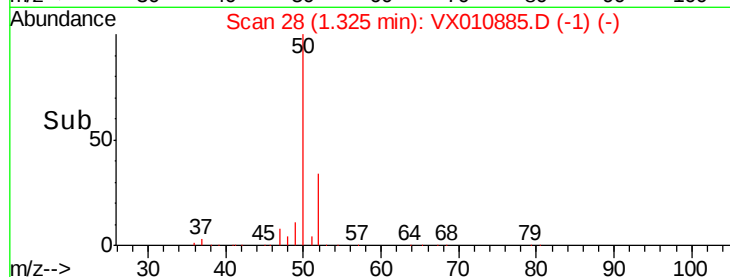
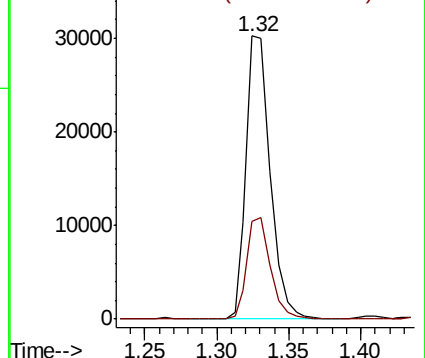
50 100

52 34.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.962 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010885.D

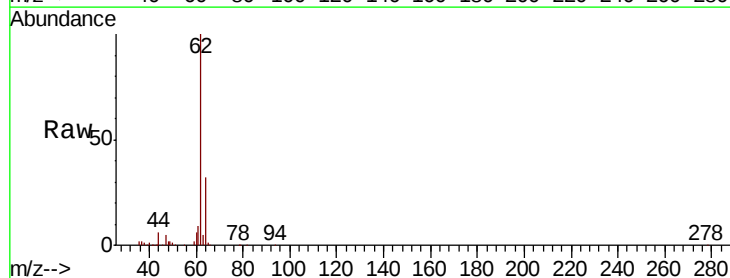
Acq: 15 Jul 2019 15:27

Tgt Ion: 62 Resp: 37835

Ion Ratio Lower Upper

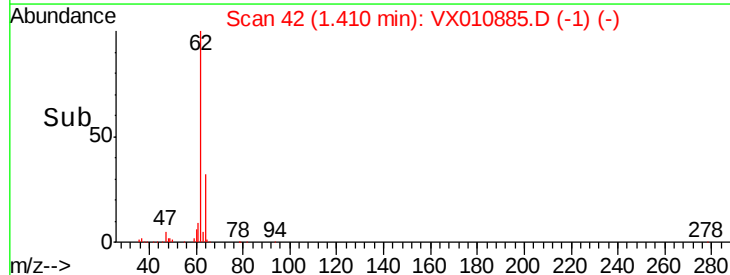
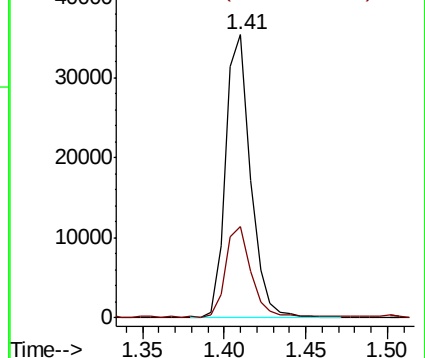
62 100

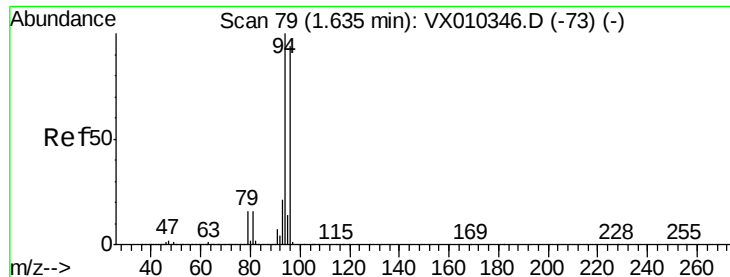
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.531 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

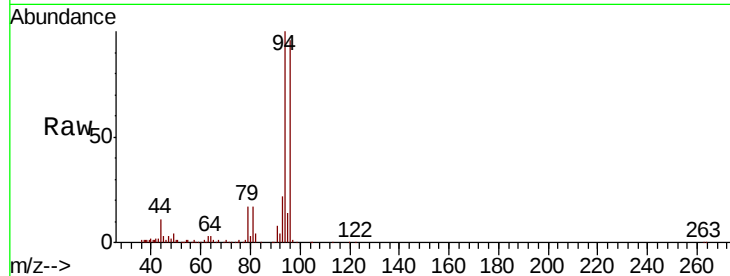
VX0715WBS03

Tot Ion: 94 Resp: 21399

Ion Ratio Lower Upper

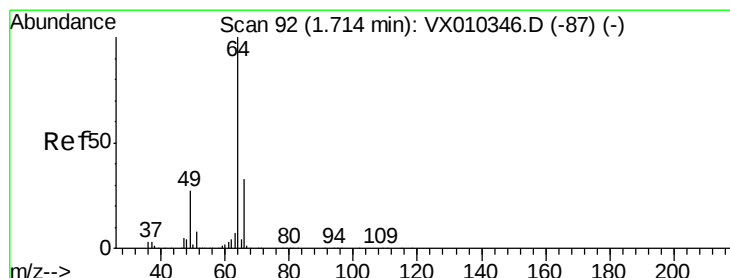
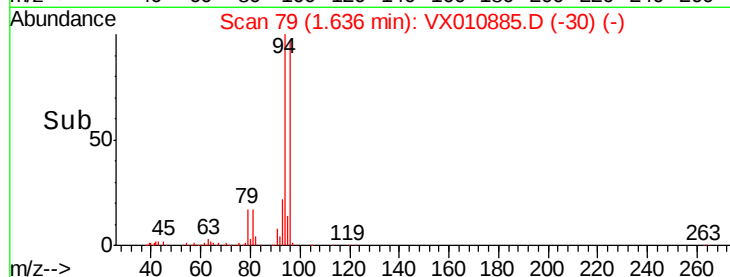
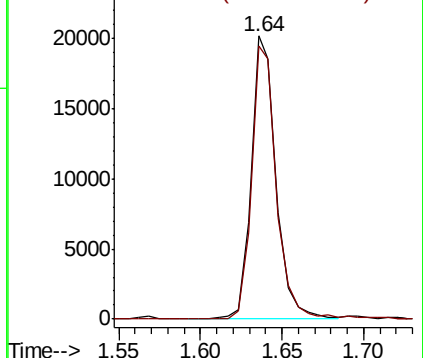
94 100

96 96.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.846 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010885.D

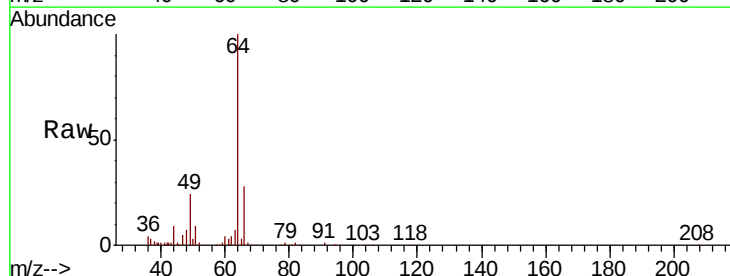
Acq: 15 Jul 2019 15:27

Tgt Ion: 64 Resp: 26354

Ion Ratio Lower Upper

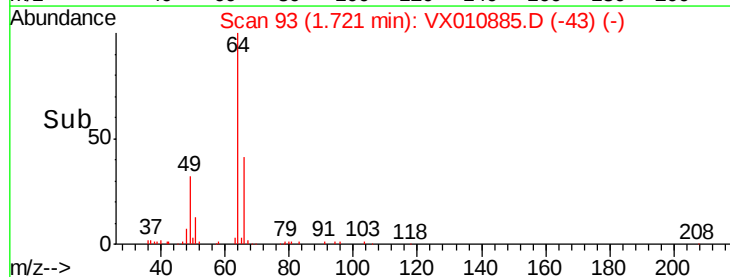
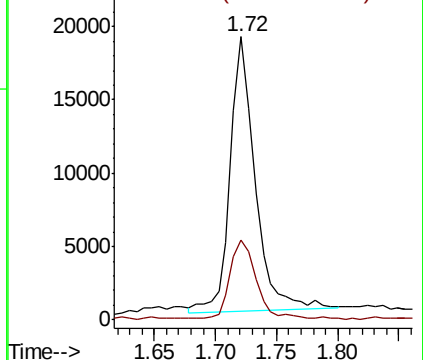
64 100

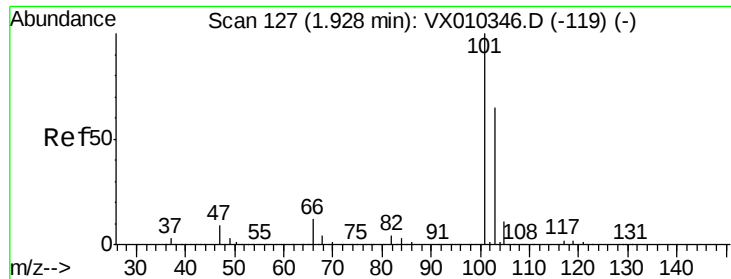
66 29.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



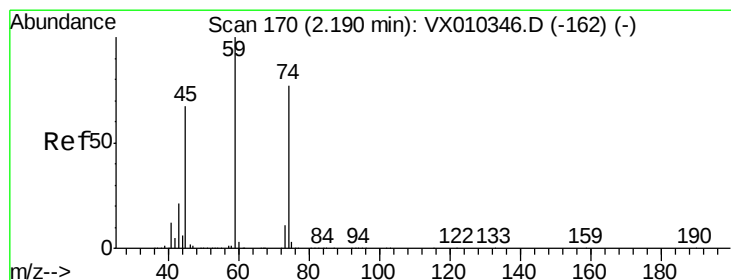
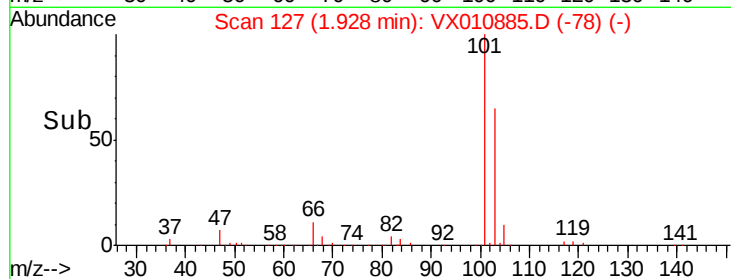
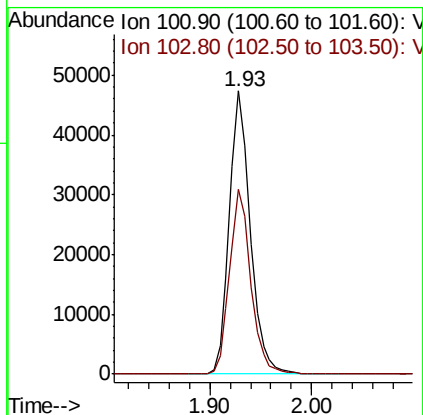
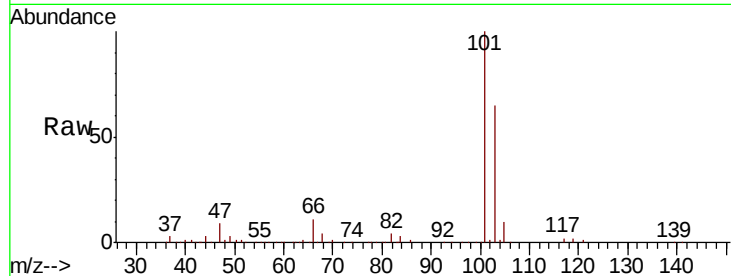


#7

Trichlorofluoromethane
 Concen: 17.905 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
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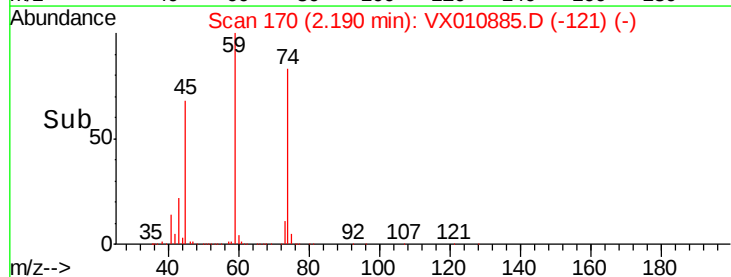
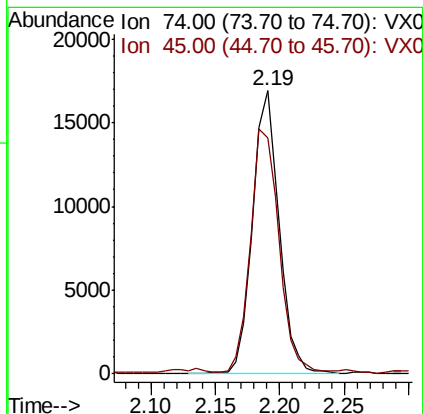
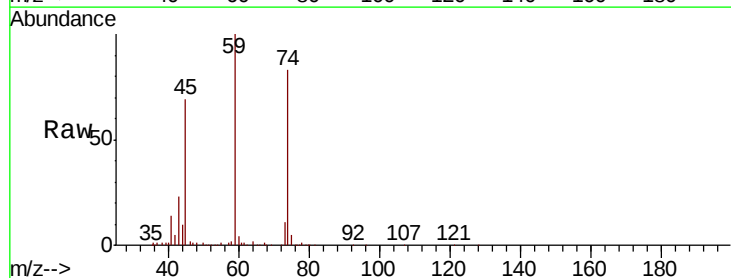
Tot Ion:101 Resp: 67276
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5



#8

Diethyl Ether
 Concen: 17.847 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 74 Resp: 24048
 Ion Ratio Lower Upper
 74 100
 45 91.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.317 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS03

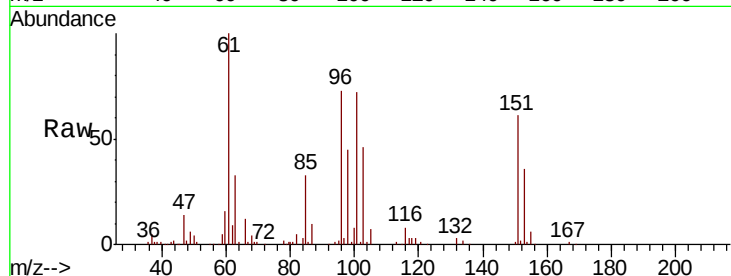
Tot Ion:101 Resp: 39431

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

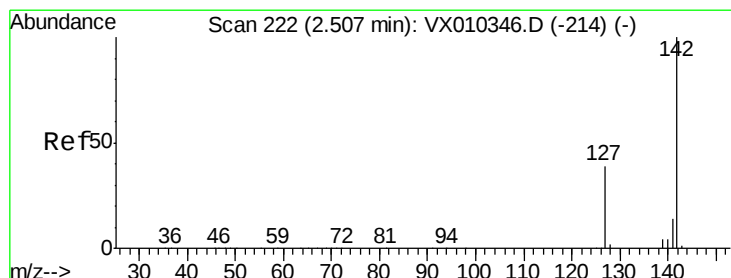
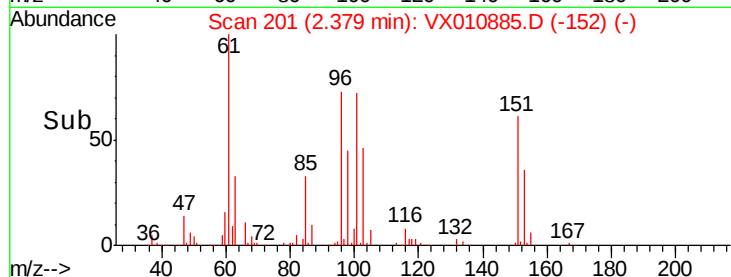
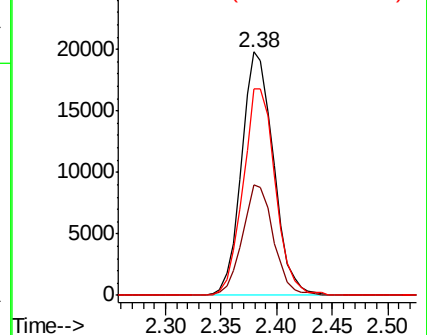
151 86.1 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.235 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

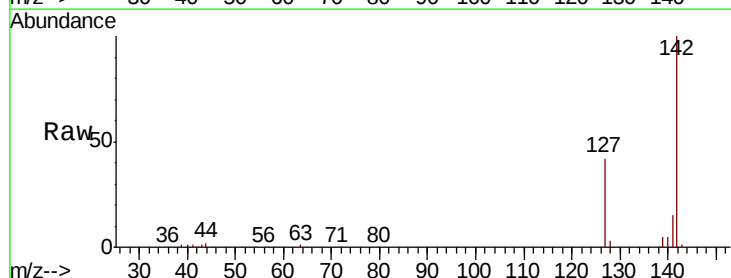
Tgt Ion:142 Resp: 46260

Ion Ratio Lower Upper

142 100

127 42.1 31.1 46.7

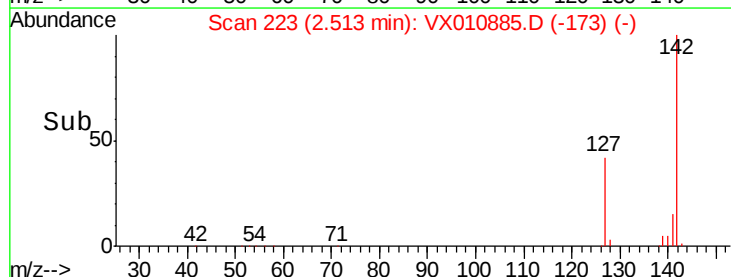
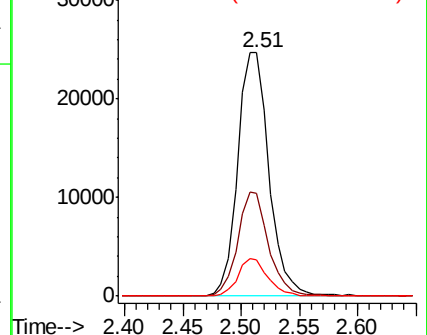
141 14.7 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

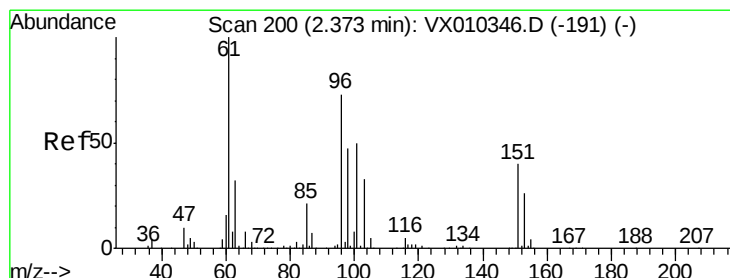
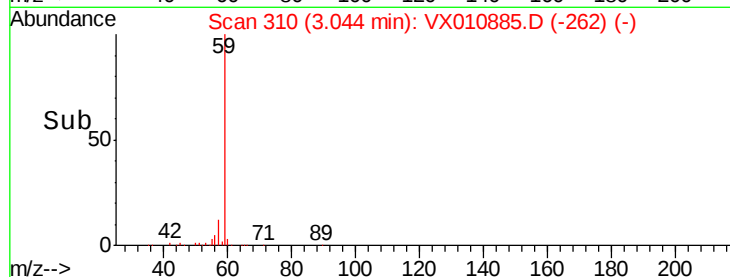
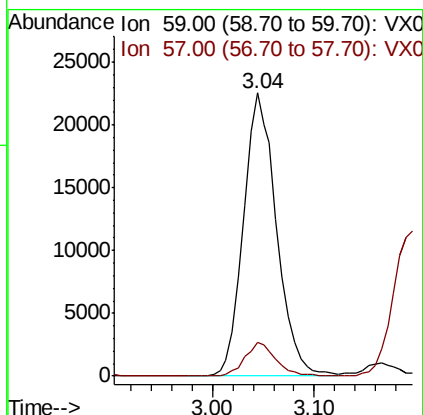
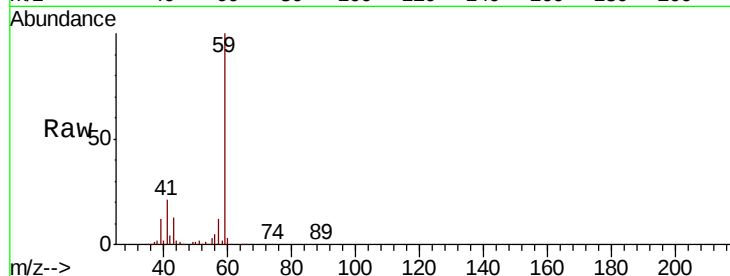




#11
Tert butyl alcohol
Concen: 77.567 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

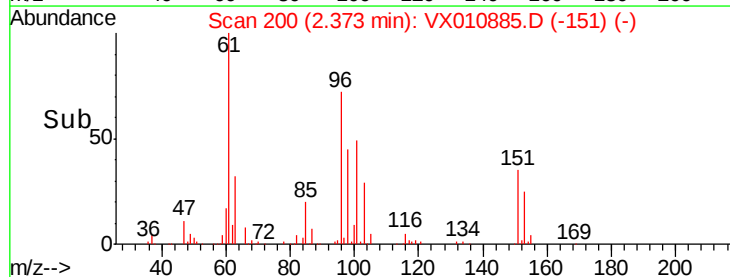
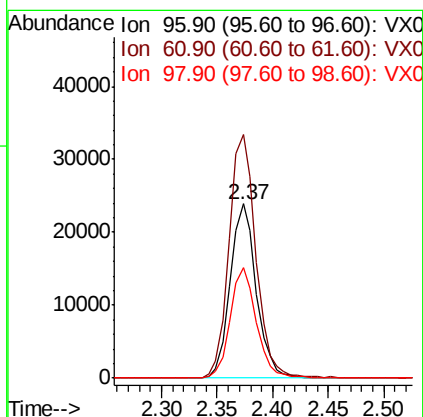
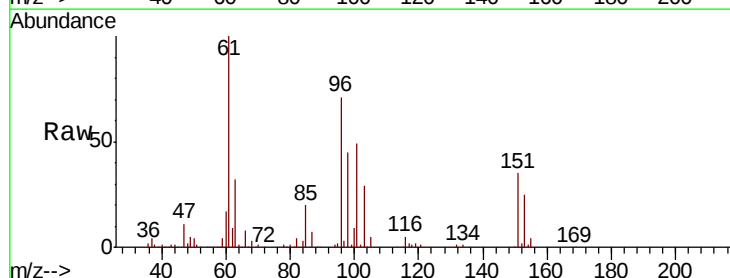
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 59 Resp: 50870
Ion Ratio Lower Upper
59 100
57 11.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 16.771 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 96 Resp: 38859
Ion Ratio Lower Upper
96 100
61 139.6 109.2 163.8
98 63.3 51.1 76.7





#13

Acrolein

Concen: 96.135 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

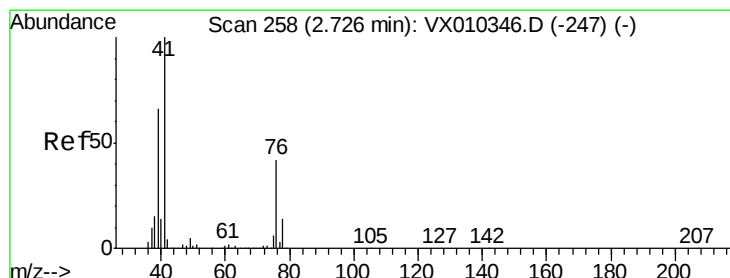
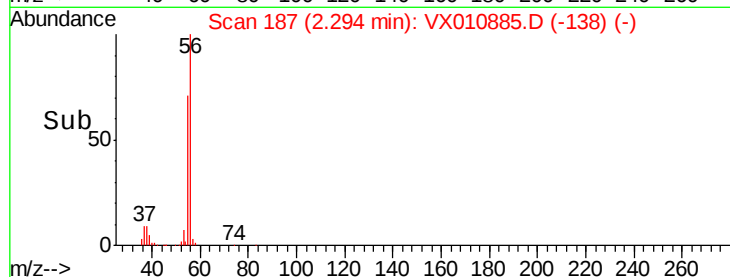
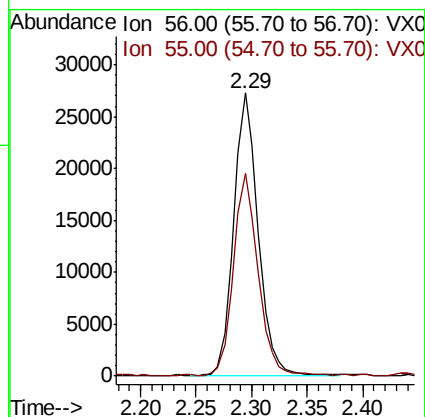
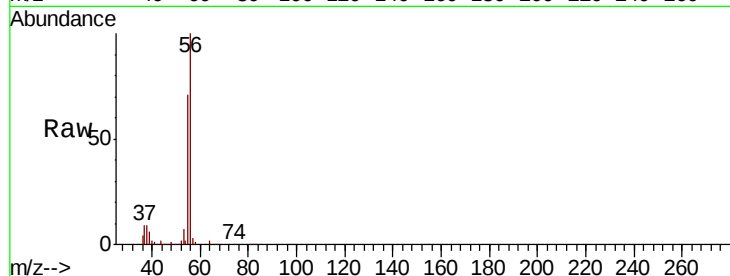
VX0715WBS03

Tot Ion: 56 Resp: 41824

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 17.452 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

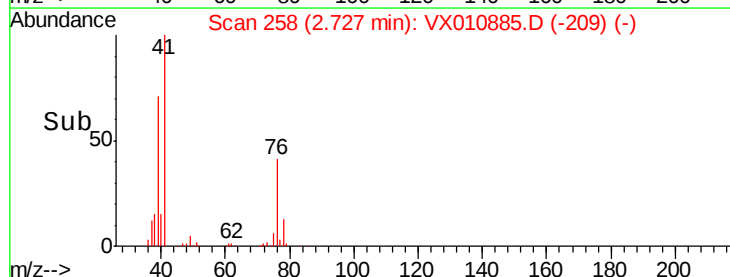
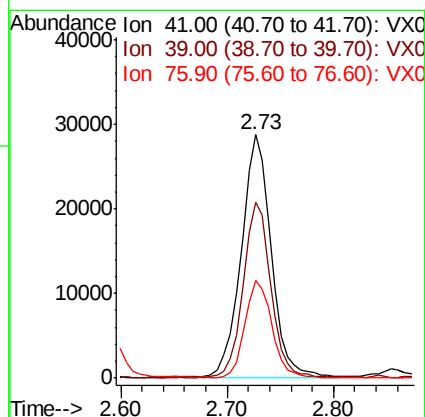
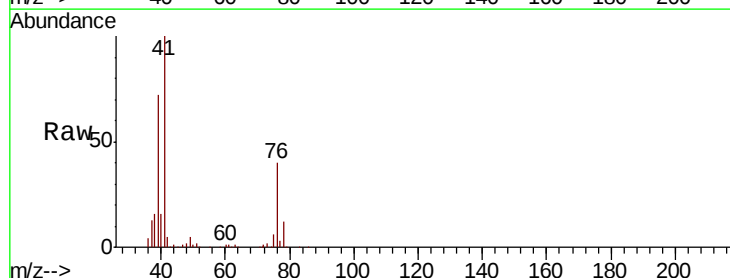
Tgt Ion: 41 Resp: 57407

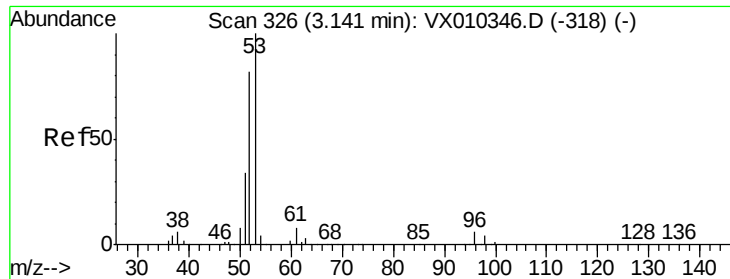
Ion Ratio Lower Upper

41 100

39 65.9 50.3 75.5

76 36.4 31.3 46.9

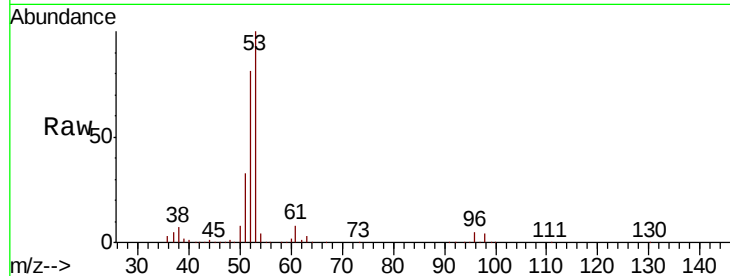




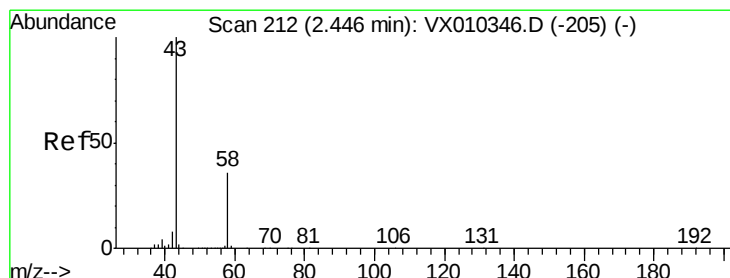
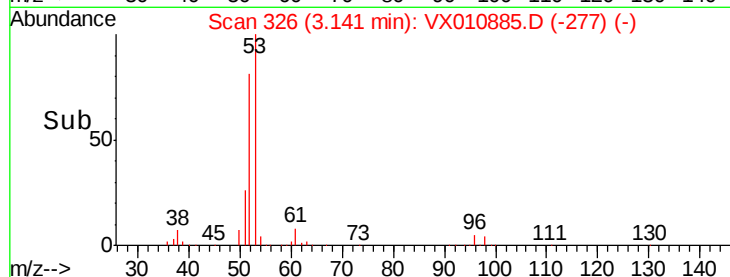
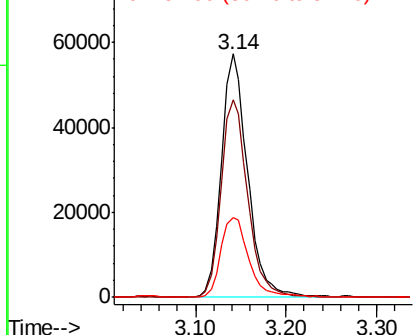
#15
 Acrylonitrile
 Concen: 88.676 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion: 53 Resp: 115142
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.5 98.3
 51 35.6 28.2 42.4

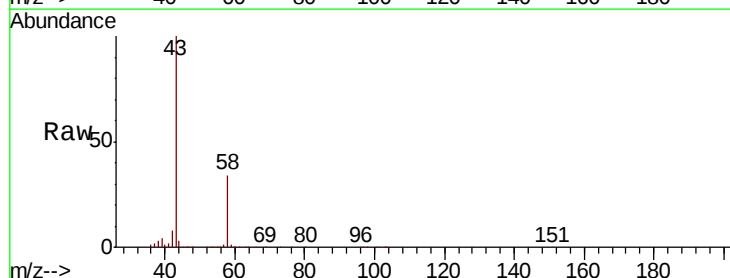


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

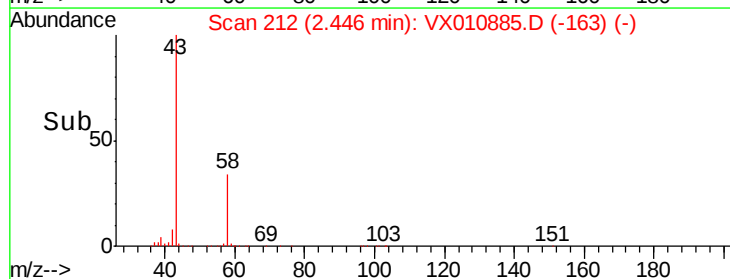
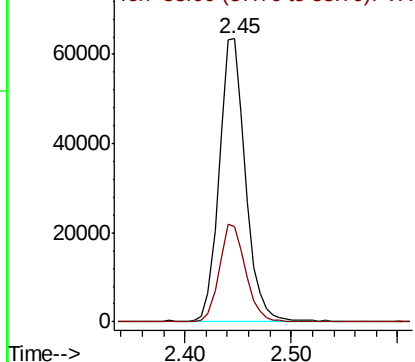


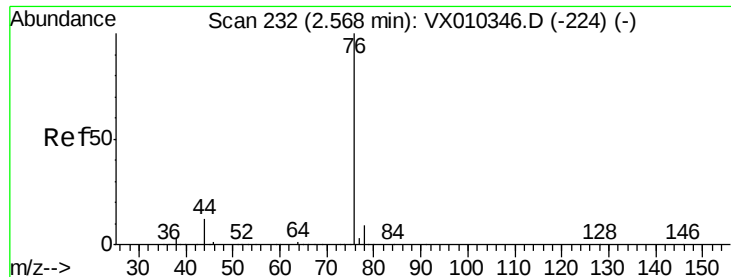
#16
 Acetone
 Concen: 86.196 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 43 Resp: 108270
 Ion Ratio Lower Upper
 43 100
 58 33.8 28.9 43.3



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

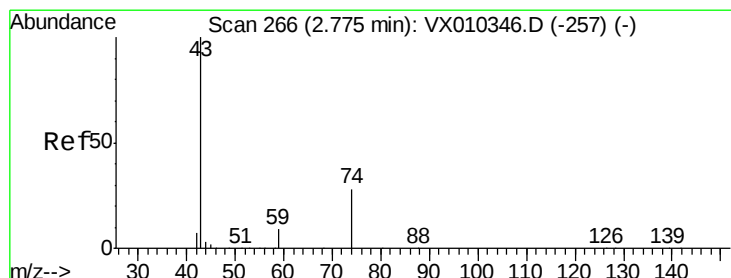
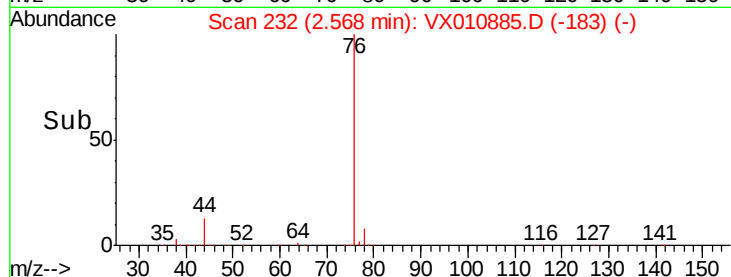
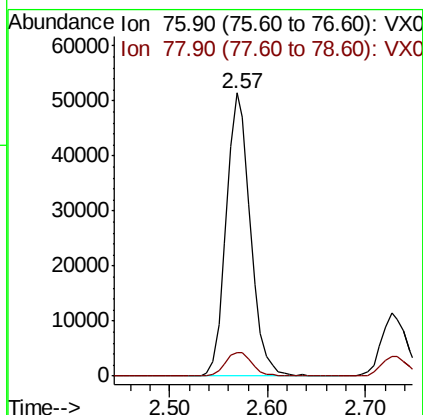
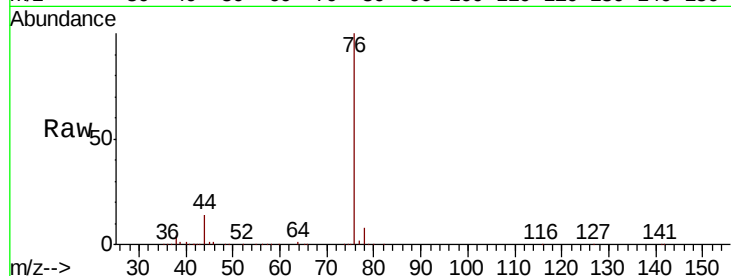




#17
Carbon Disulfide
Concen: 14.172 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

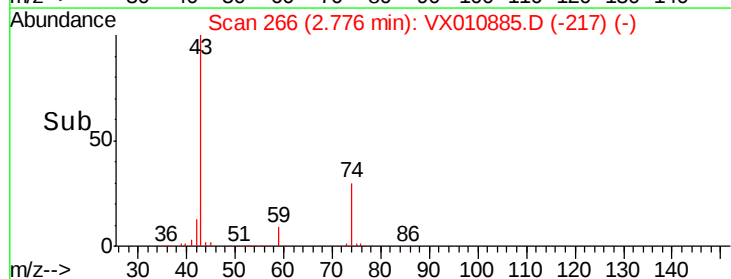
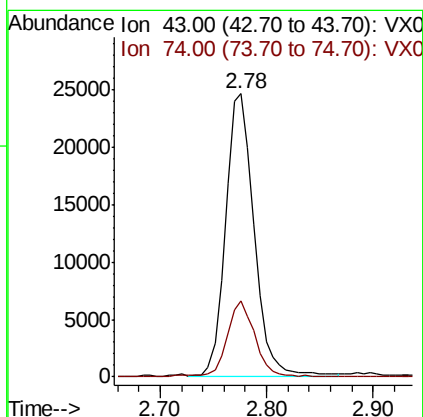
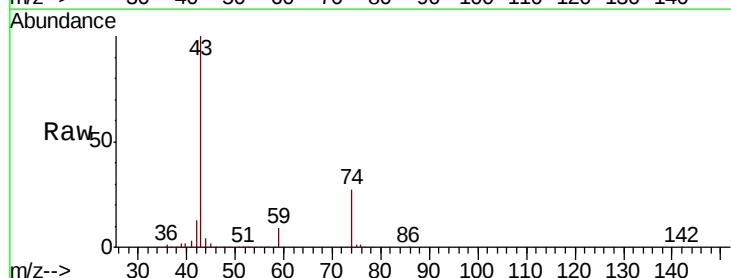
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

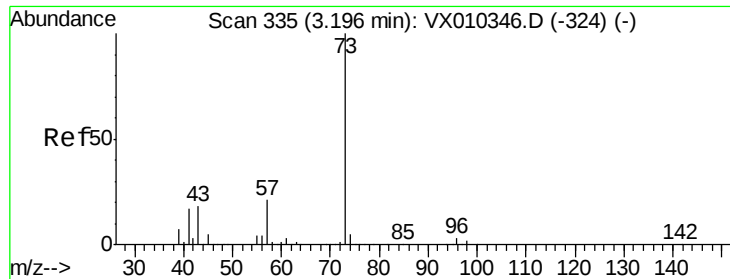
Tot Ion: 76 Resp: 88095
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.409 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 43 Resp: 46086
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9



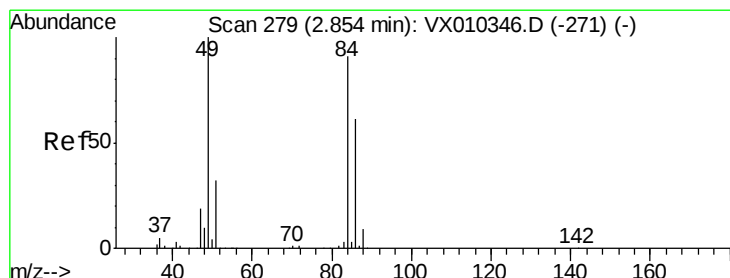
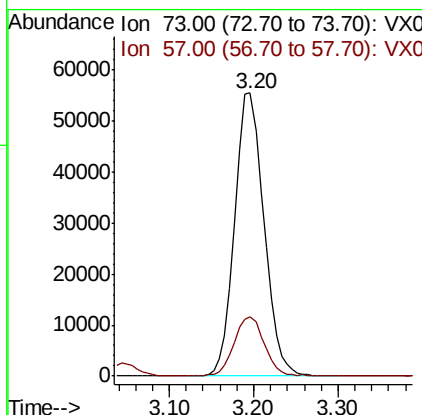
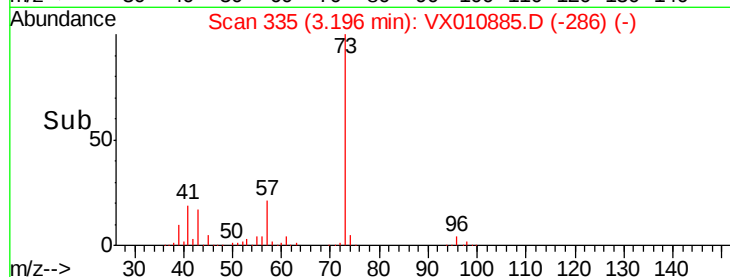
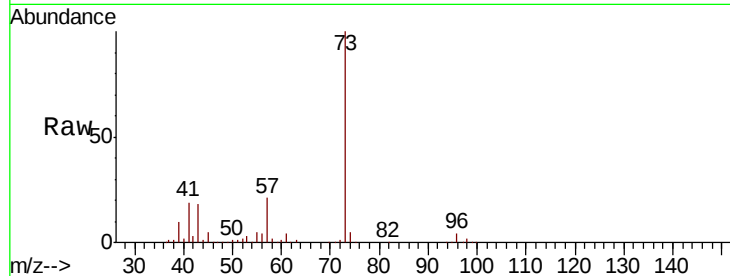


#19

Methyl tert-butyl Ether
 Concen: 17.899 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

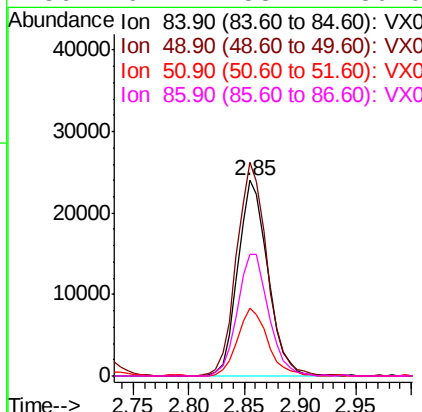
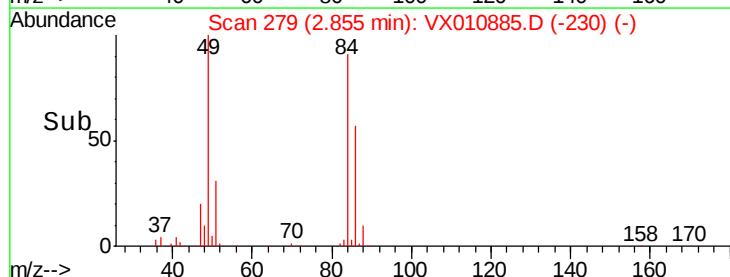
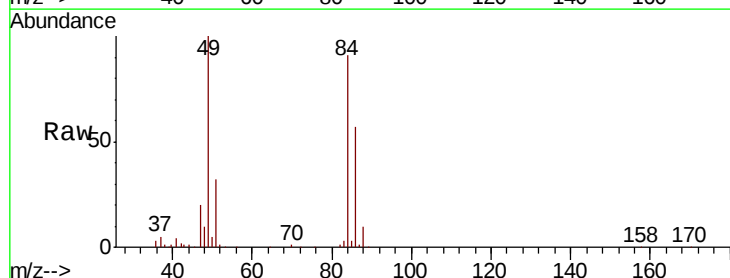
Tot Ion: 73 Resp: 130465
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.4 24.6

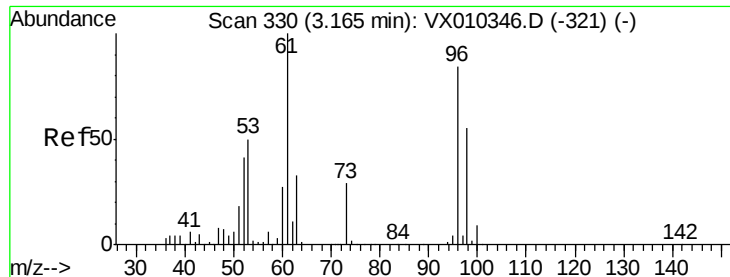


#20

Methylene Chloride
 Concen: 17.401 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 84 Resp: 44981
 Ion Ratio Lower Upper
 84 100
 49 109.1 87.5 131.3
 51 34.4 27.7 41.5
 86 62.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 16.458 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

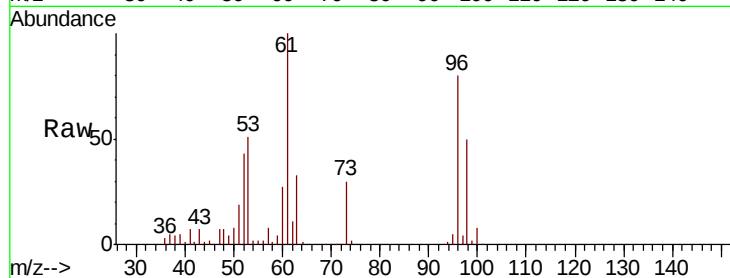
Tot Ion: 96 Resp: 41012

Ion Ratio Lower Upper

96 100

61 124.3 95.6 143.4

98 62.6 52.5 78.7

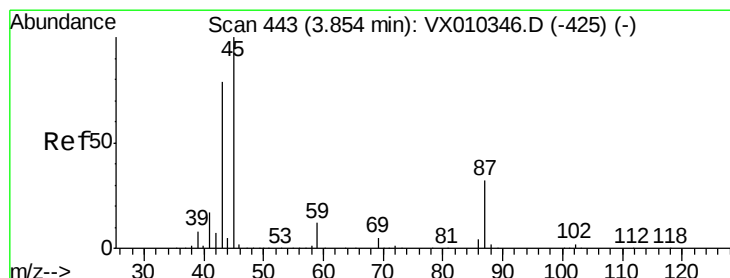
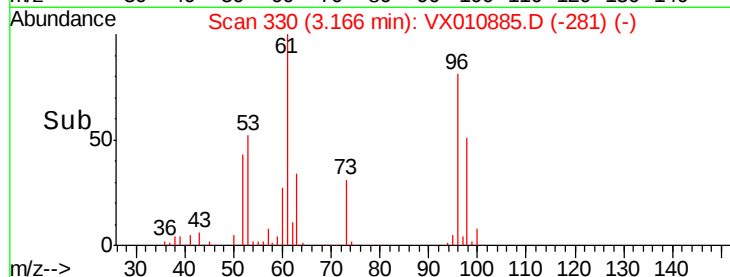
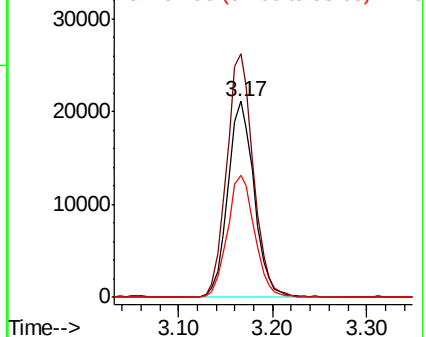


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.956 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion: 45 Resp: 123491

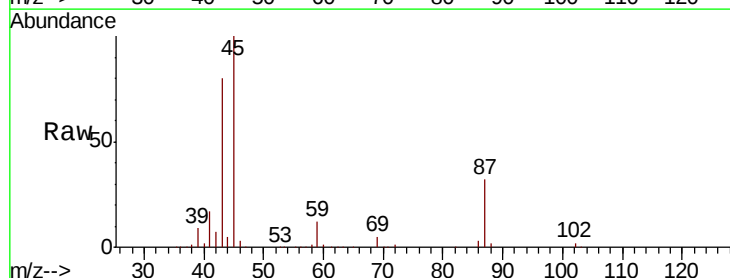
Ion Ratio Lower Upper

45 100

43 79.4 63.3 94.9

87 31.7 25.8 38.8

59 11.7 9.6 14.4



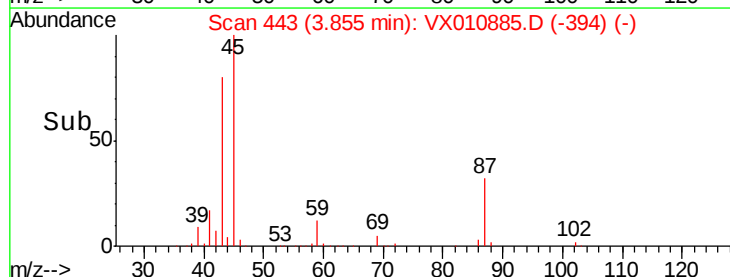
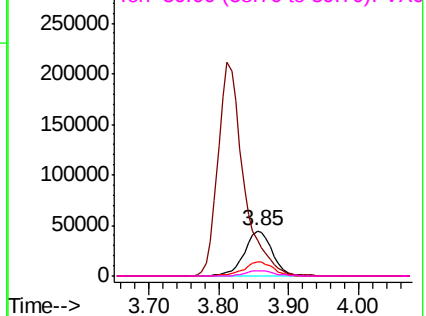
Abundance

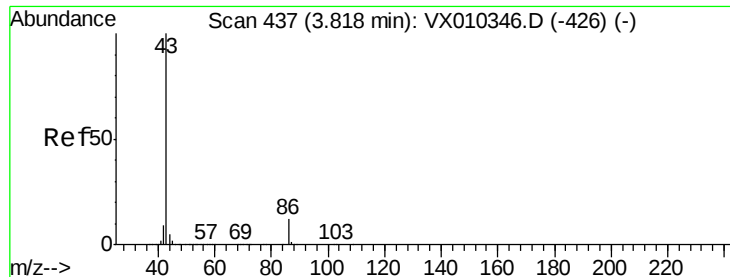
Ion 45.00 (44.70 to 45.70): VX0

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: 91.115 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

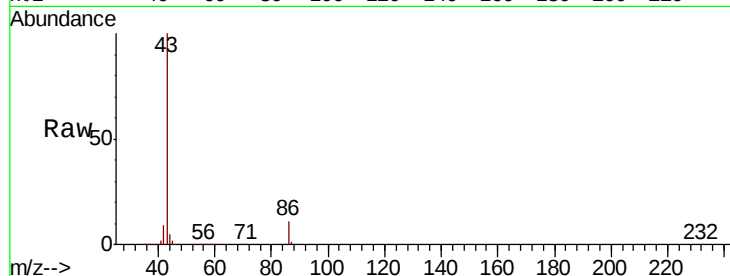
VX0715WBS03

Tot Ion: 43 Resp: 541360

Ion Ratio Lower Upper

43 100

86 11.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

200000

150000

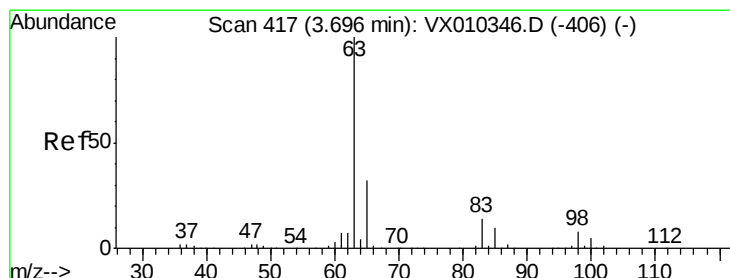
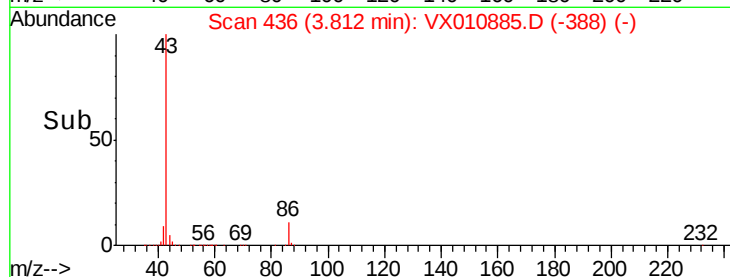
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.596 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

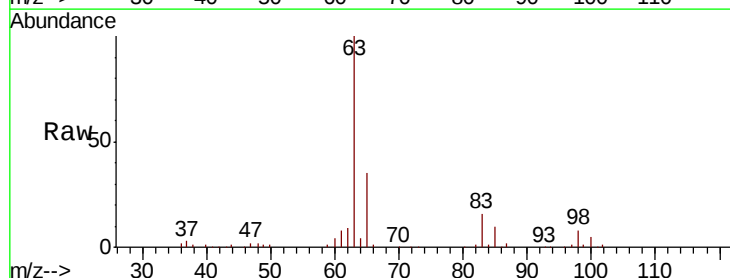
Tgt Ion: 63 Resp: 69951

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

100 5.0 2.4 7.1



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

3.70

30000

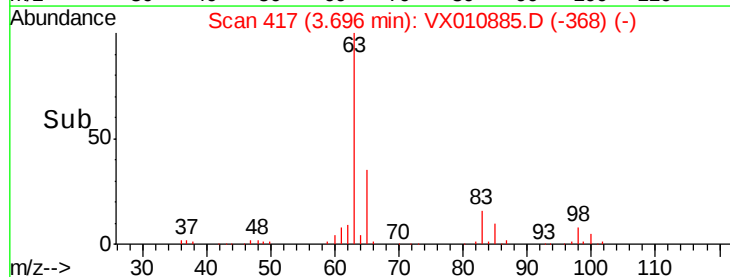
20000

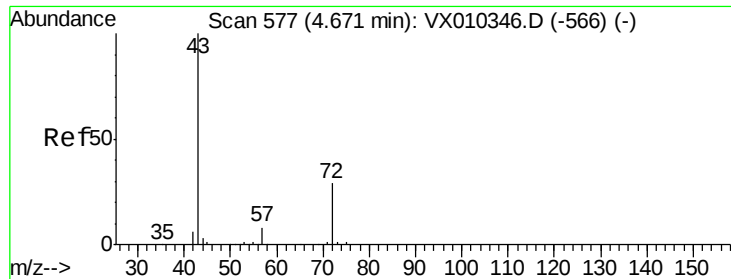
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 87.715 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

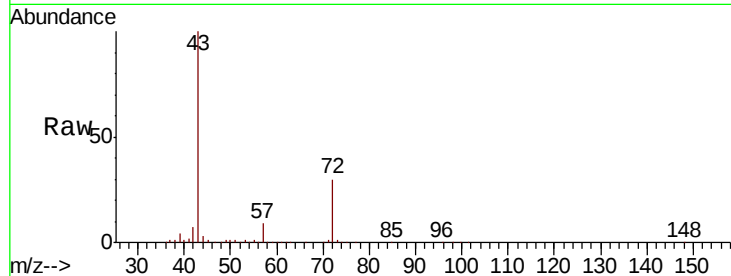
VX0715WBS03

Tot Ion: 43 Resp: 161617

Ion Ratio Lower Upper

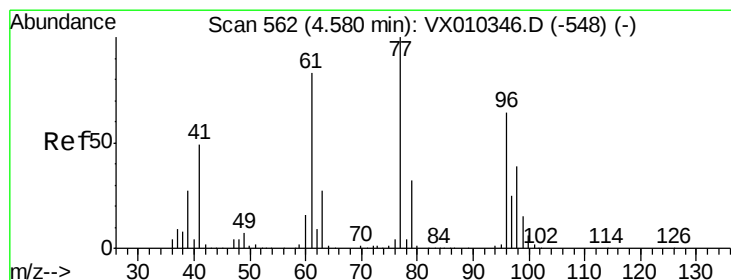
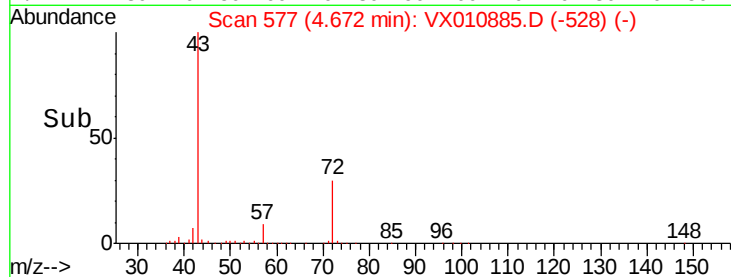
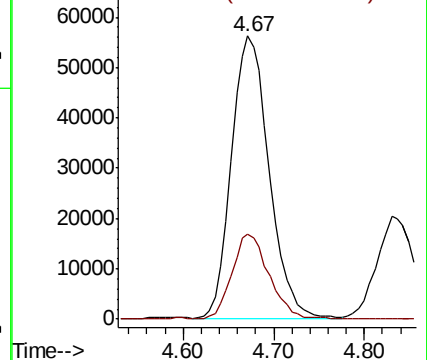
43 100

72 30.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.889 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010885.D

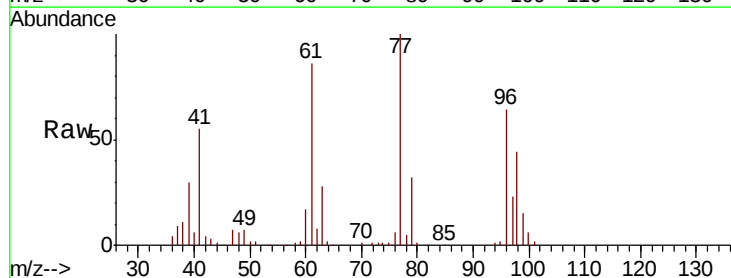
Acq: 15 Jul 2019 15:27

Tgt Ion: 77 Resp: 58325

Ion Ratio Lower Upper

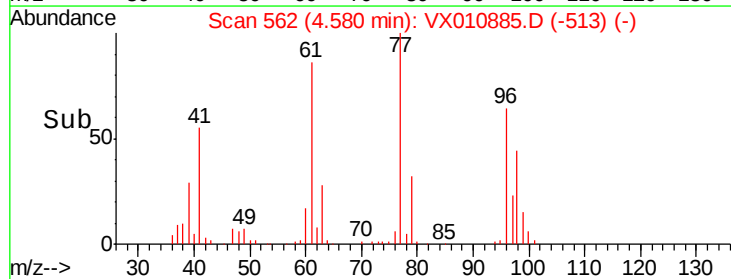
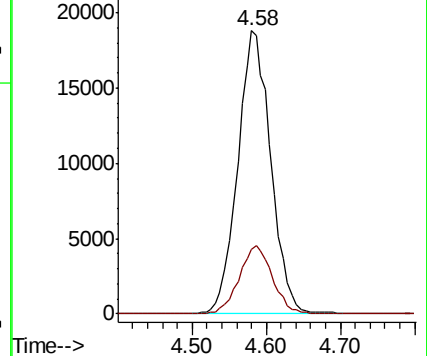
77 100

97 24.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



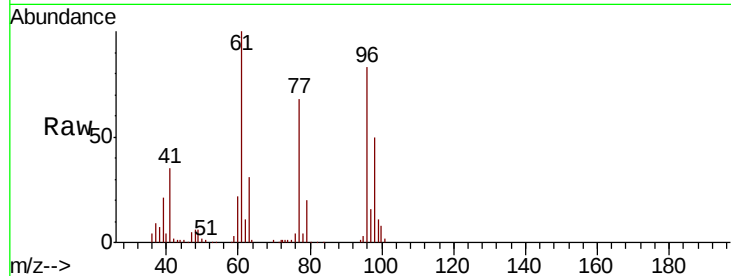


#27

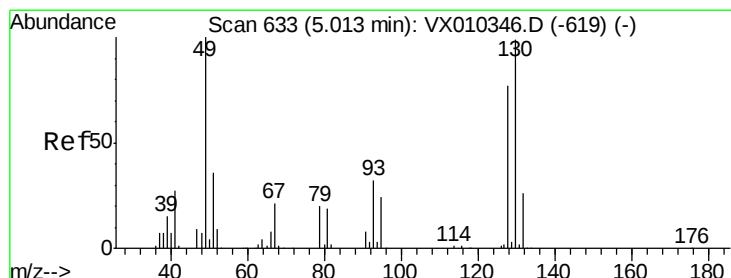
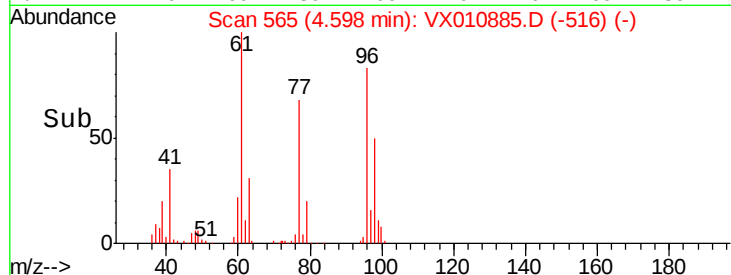
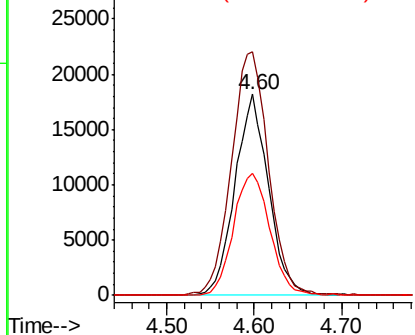
cis-1,2-Dichloroethene
Concen: 16.882 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 96 Resp: 48614
Ion Ratio Lower Upper
96 100
61 133.7 0.0 251.8
98 65.8 0.0 129.4



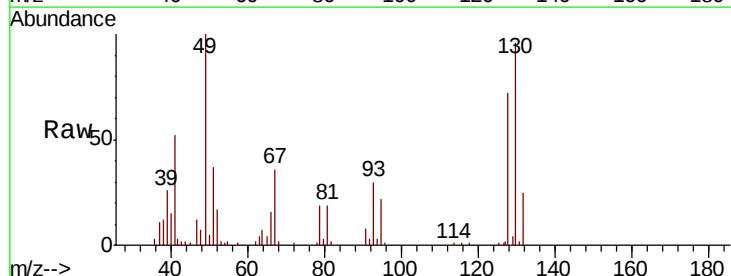
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



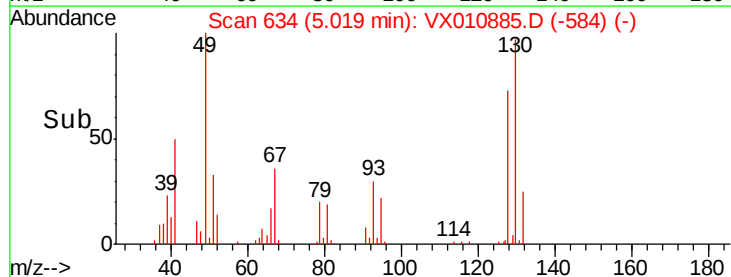
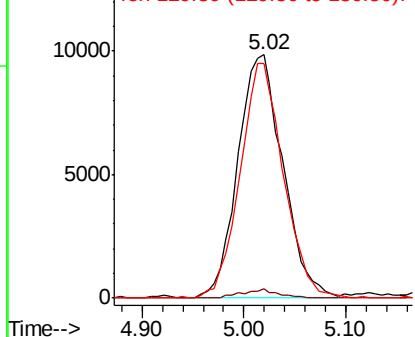
#28

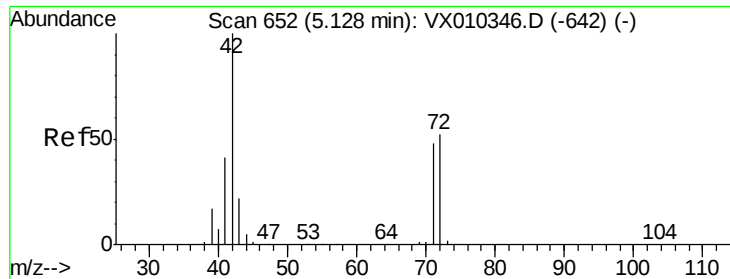
Bromochloromethane
Concen: 15.939 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 49 Resp: 30296
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 92.3 81.4 122.0



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

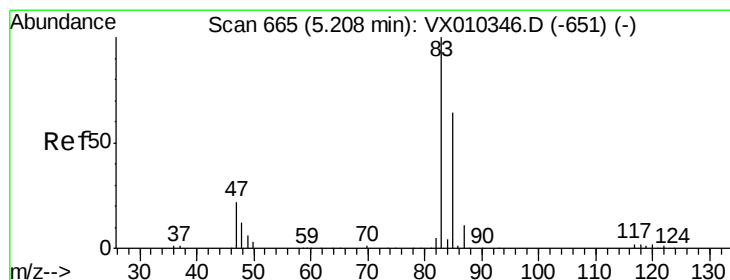
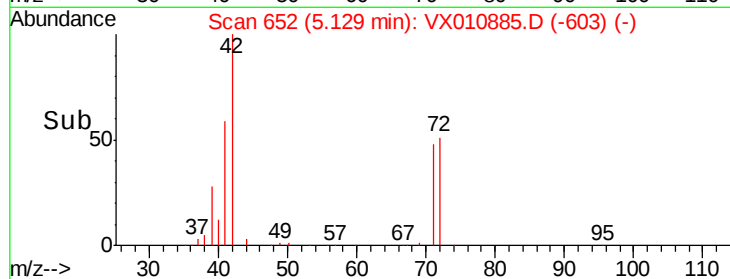
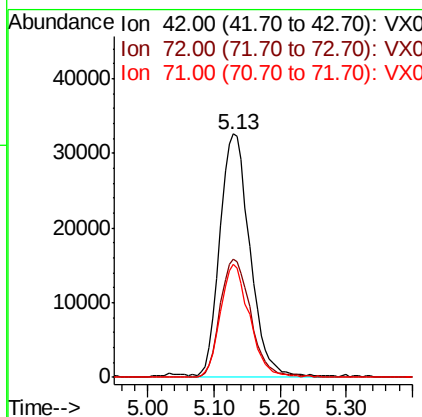
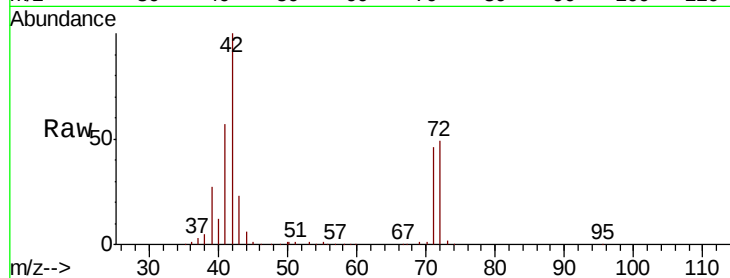




#29
Tetrahydrofuran
Concen: 89.705 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

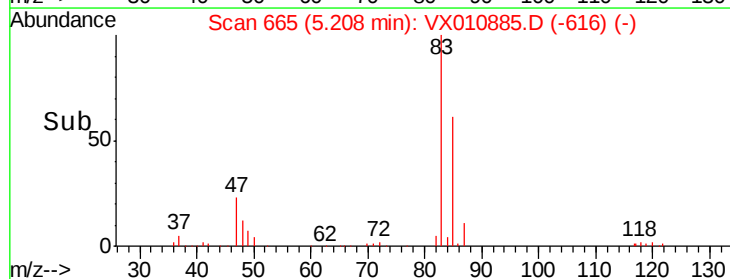
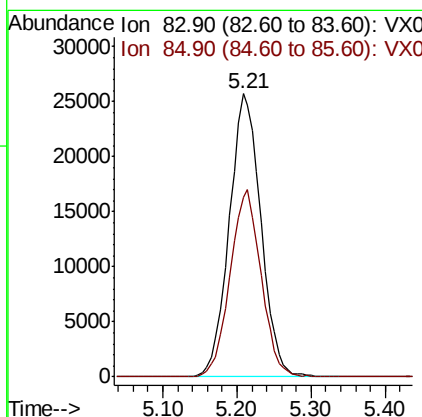
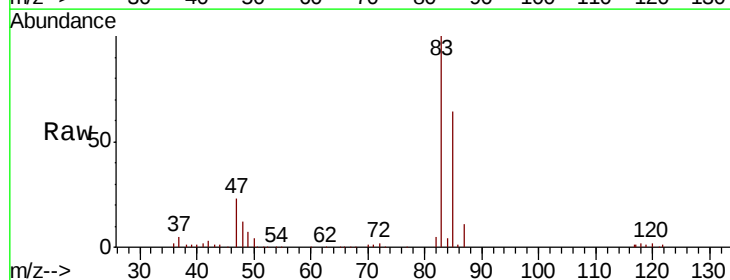
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 42 Resp: 102378
Ion Ratio Lower Upper
42 100
72 49.7 40.6 60.8
71 45.4 37.8 56.8



#30
Chloroform
Concen: 17.902 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 83 Resp: 76573
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3





#31

Cyclohexane

Concen: 16.893 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

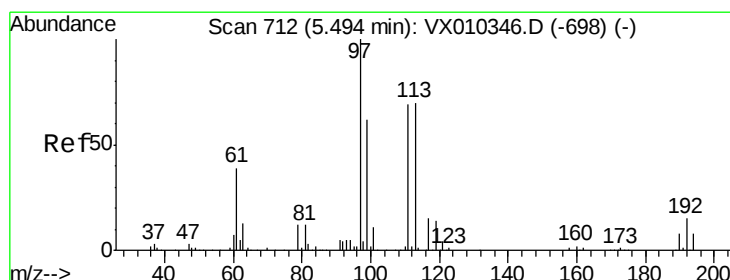
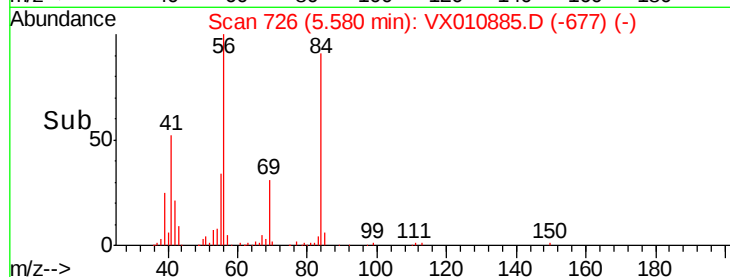
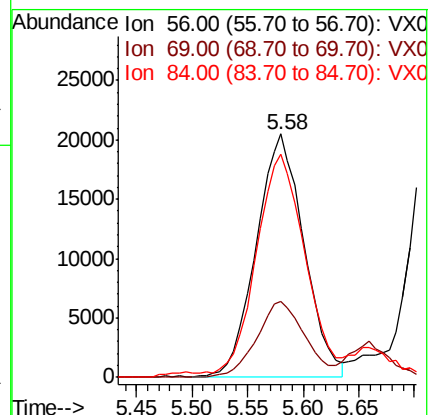
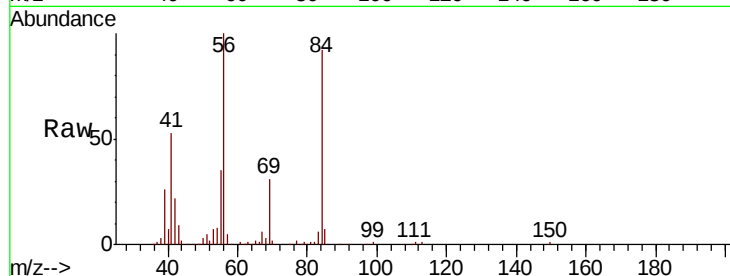
Tot Ion: 56 Resp: 61156

Ion Ratio Lower Upper

56 100

69 31.0 25.9 38.9

84 89.7 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 17.531 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

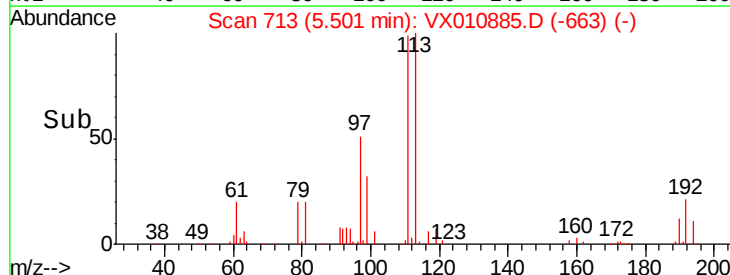
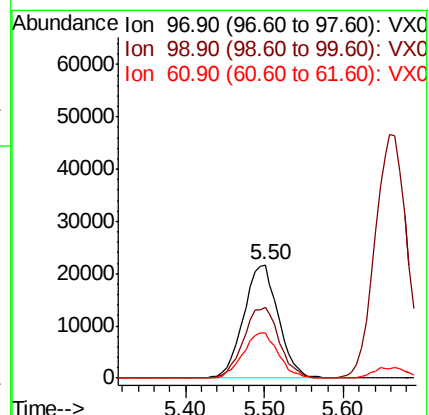
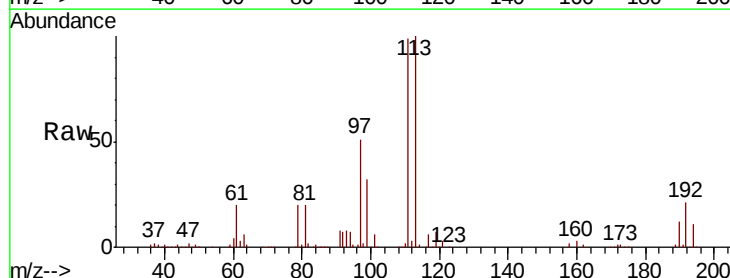
Tgt Ion: 97 Resp: 66215

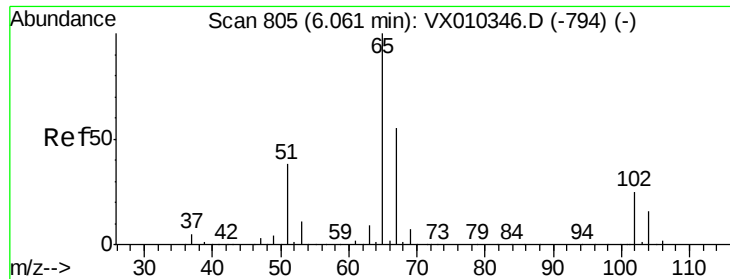
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 40.7 32.1 48.1

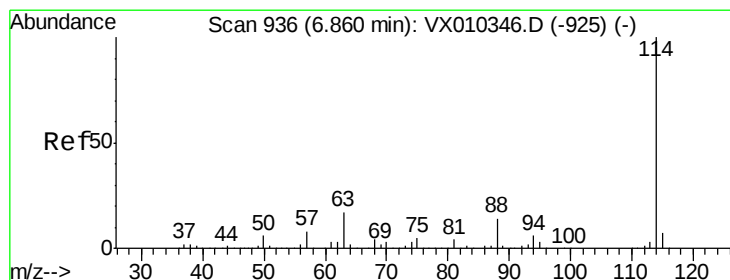
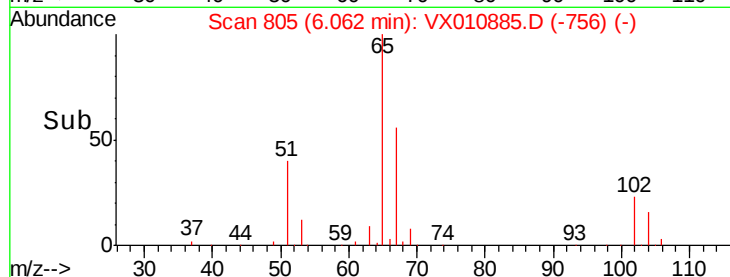
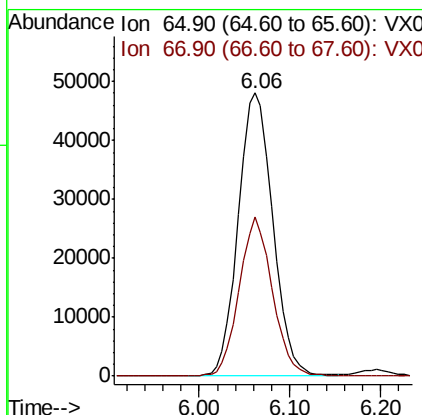
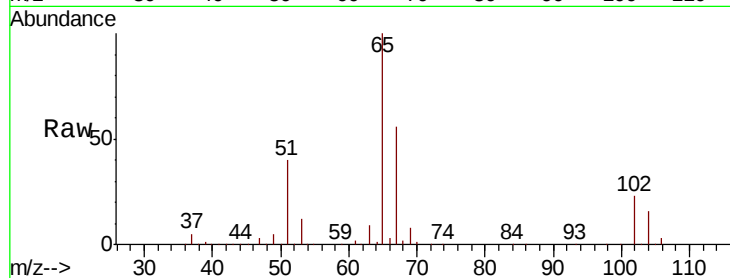




#33
 1,2-Dichloroethane-d4
 Concen: 50.870 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

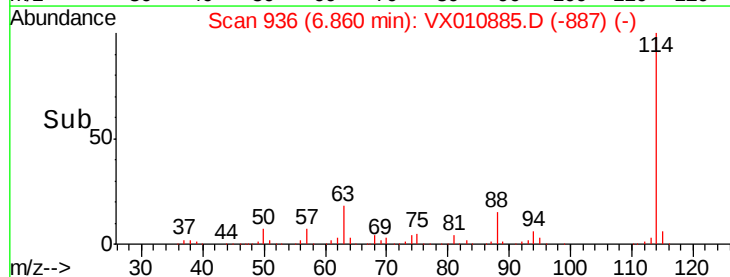
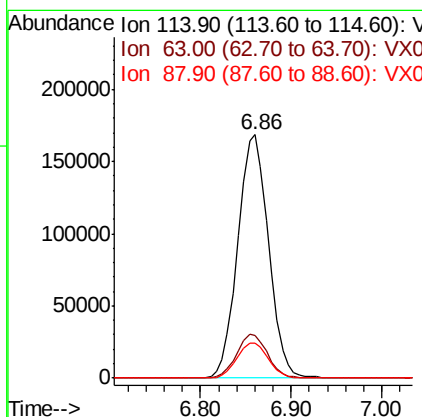
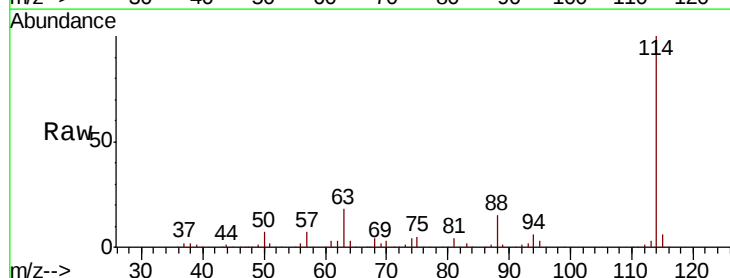
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

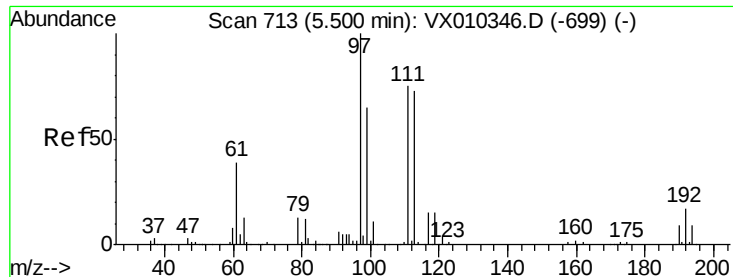
Tot Ion: 65 Resp: 127497
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 114 Resp: 397125
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.5 0.0 27.6

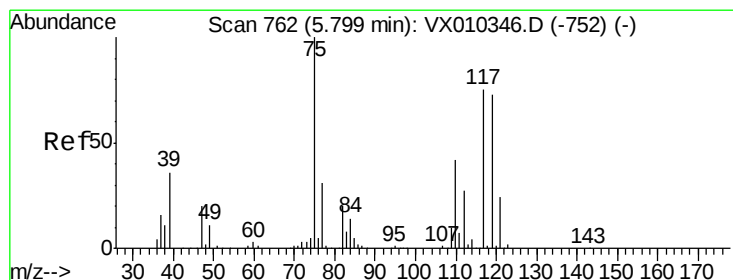
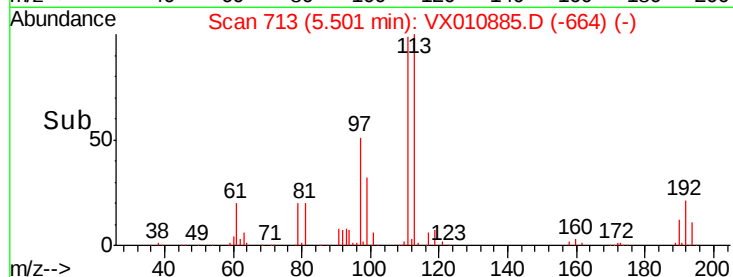
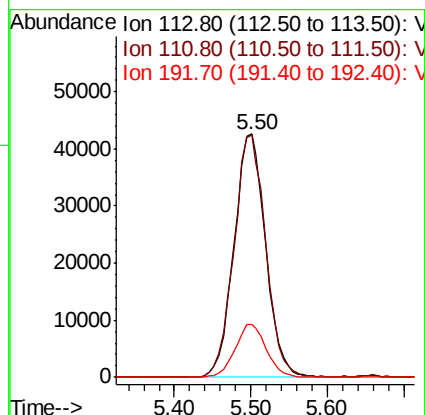
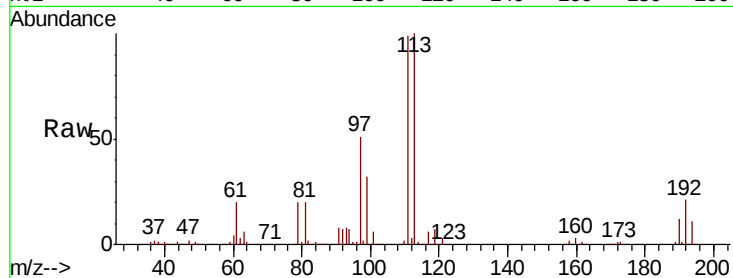




#35
 Dibromofluoromethane
 Concen: 50.027 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

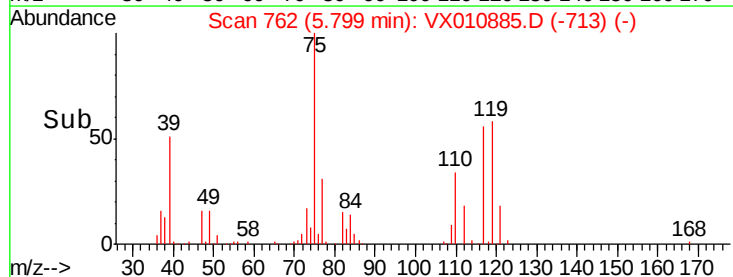
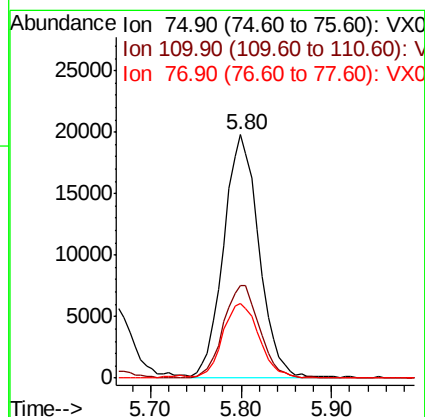
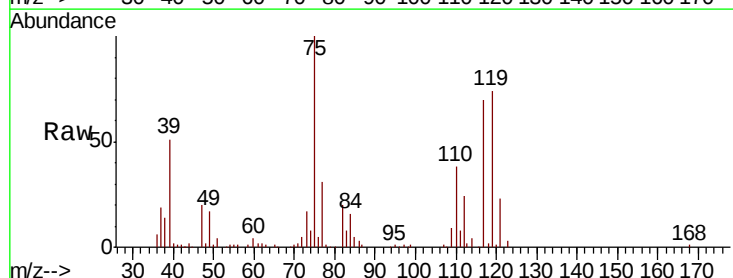
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

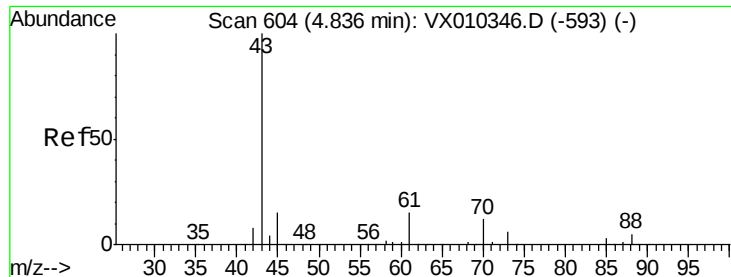
Tot Ion:113 Resp: 121553
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.2 121.8
 192 21.5 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 16.812 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 75 Resp: 53054
 Ion Ratio Lower Upper
 75 100
 110 39.4 20.8 62.2
 77 32.1 25.4 38.0

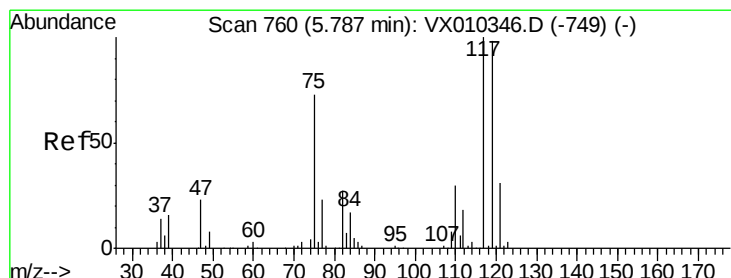
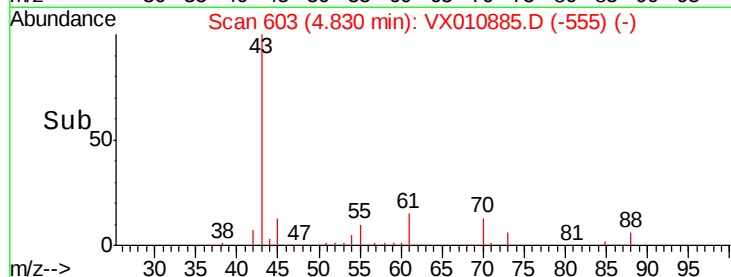
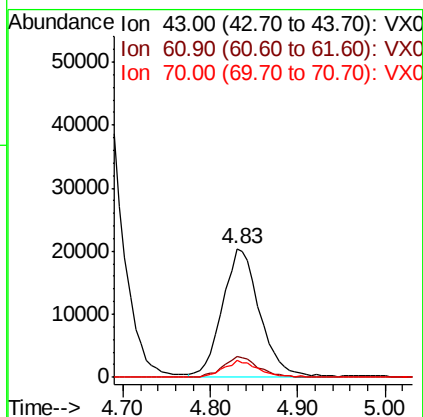
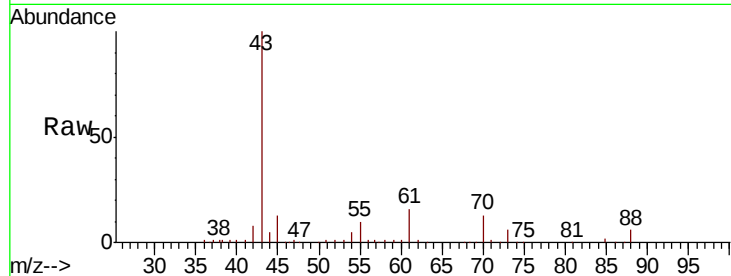




#37
Ethyl Acetate
Concen: 18.375 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

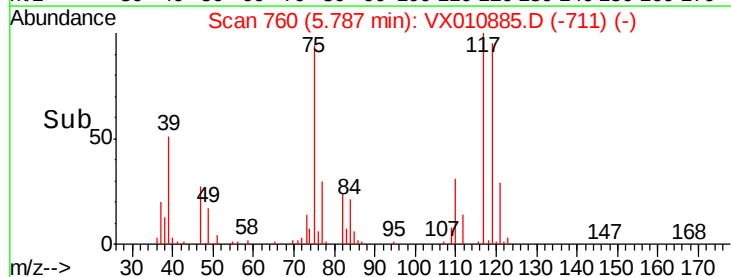
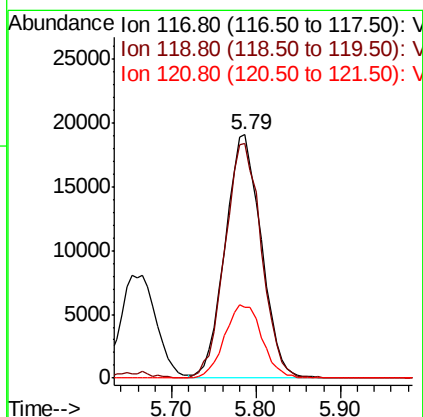
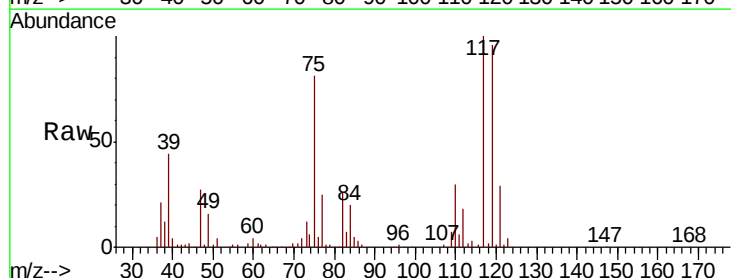
Instrument :
MSVOA_X
ClientSampled :
VX0715WBS03

Tot Ion: 43 Resp: 59656
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 12.0 9.8 14.8



#38
Carbon Tetrachloride
Concen: 16.297 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 117 Resp: 55691
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4
121 29.3 24.7 37.1

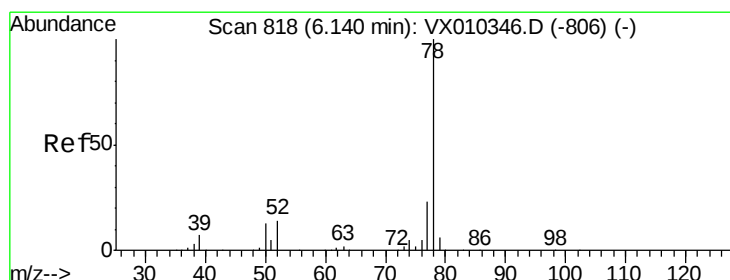
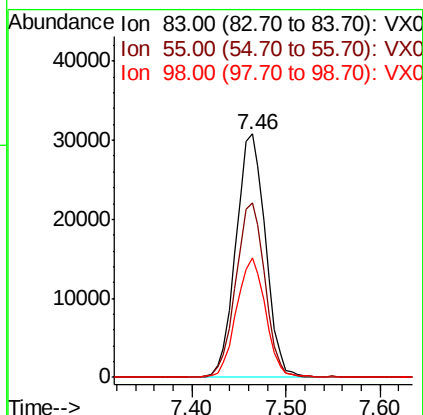
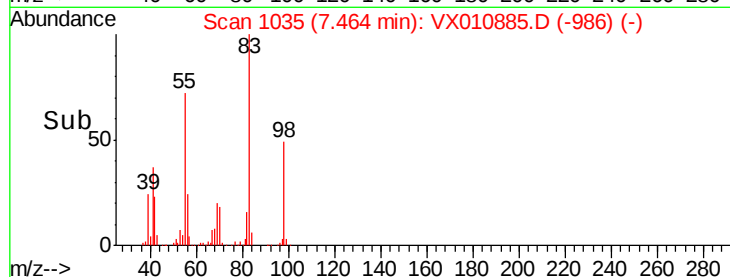
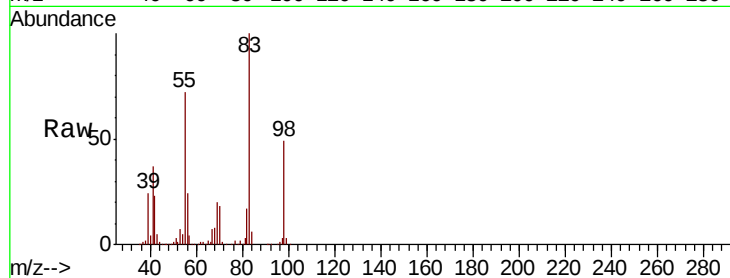




#39
Methvlcvclohexane
Concen: 16.272 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

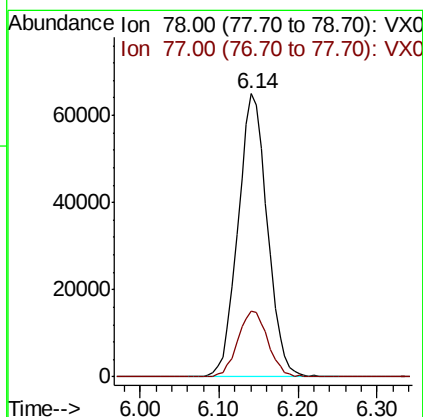
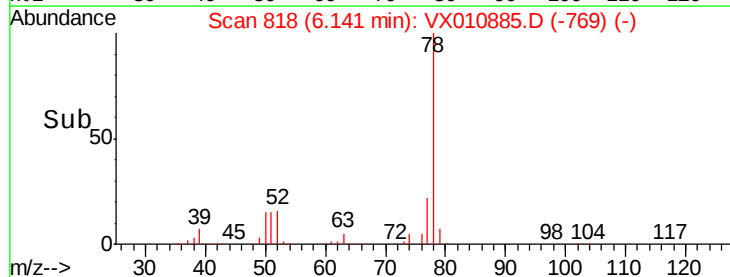
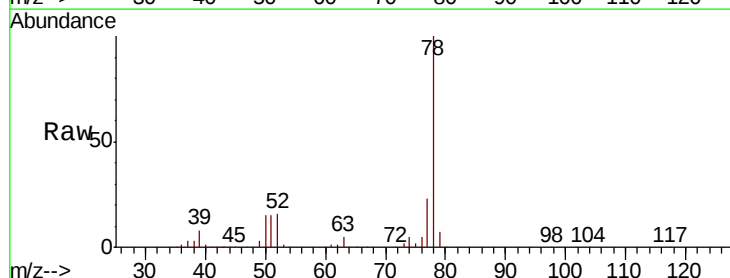
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 83 Resp: 67498
Ion Ratio Lower Upper
83 100
55 71.9 53.0 79.6
98 48.8 37.8 56.8



#40
Benzene
Concen: 17.082 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 78 Resp: 167947
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0





#41

Methacrylonitrile

Concen: 18.079 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS03

Tot Ion: 41 Resp: 32205

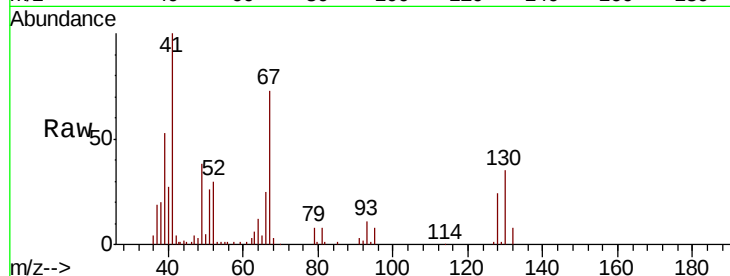
Ion Ratio Lower Upper

41 100

39 55.1 43.8 65.8

67 78.7 66.6 100.0

52 33.7 24.5 36.7

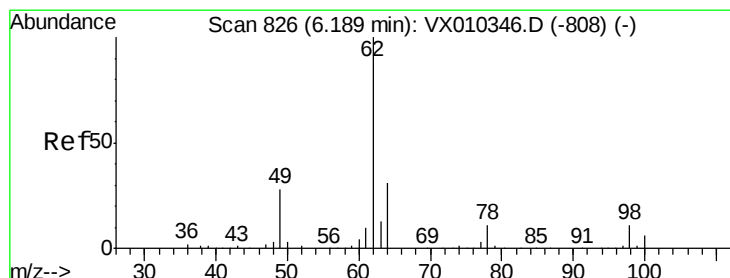
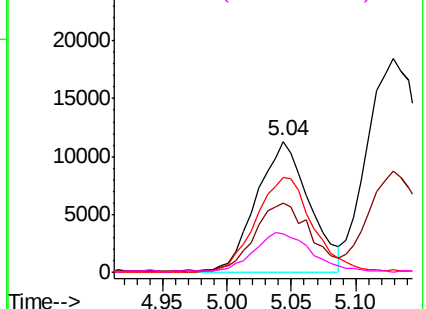
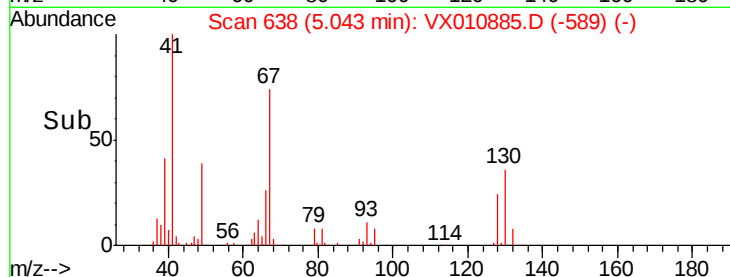


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.723 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010885.D

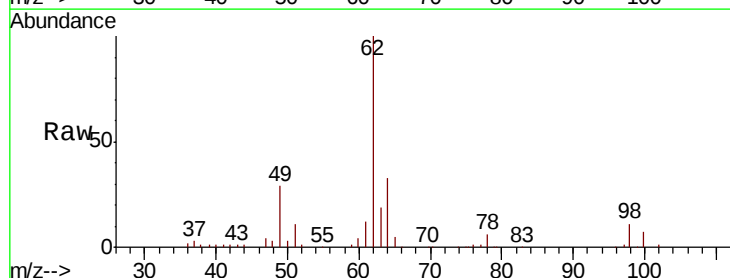
Acq: 15 Jul 2019 15:27

Tgt Ion: 62 Resp: 59028

Ion Ratio Lower Upper

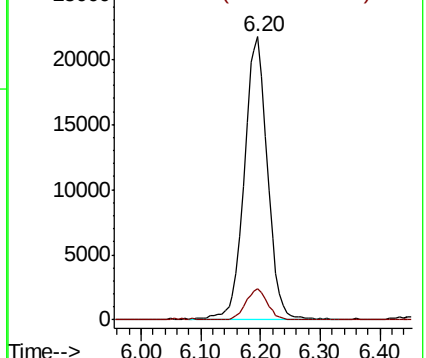
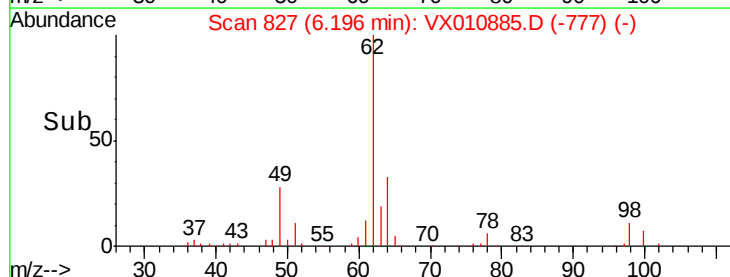
62 100

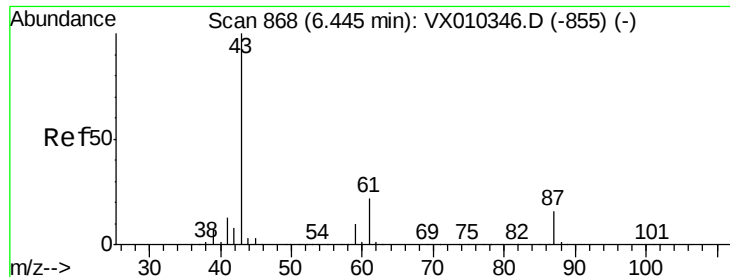
98 10.1 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.733 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

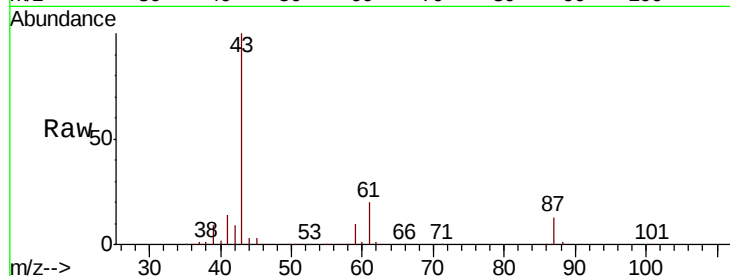
Tot Ion: 43 Resp: 95251

Ion Ratio Lower Upper

43 100

61 21.5 17.8 26.6

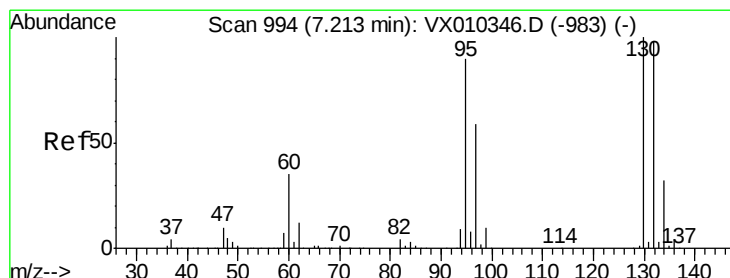
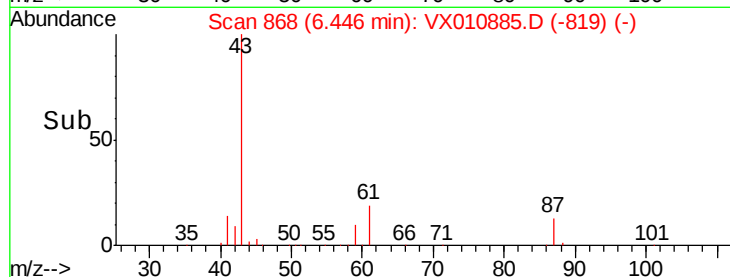
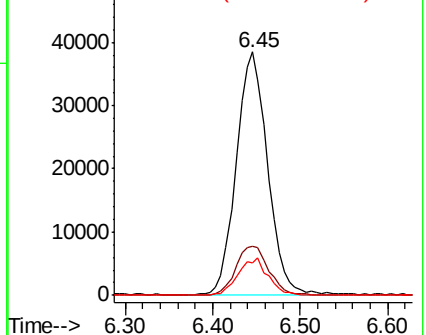
87 14.9 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.366 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010885.D

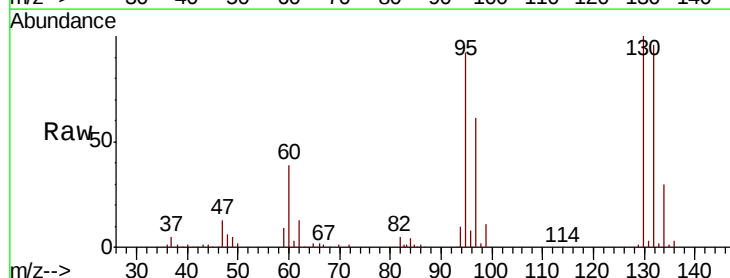
Acq: 15 Jul 2019 15:27

Tgt Ion:130 Resp: 48146

Ion Ratio Lower Upper

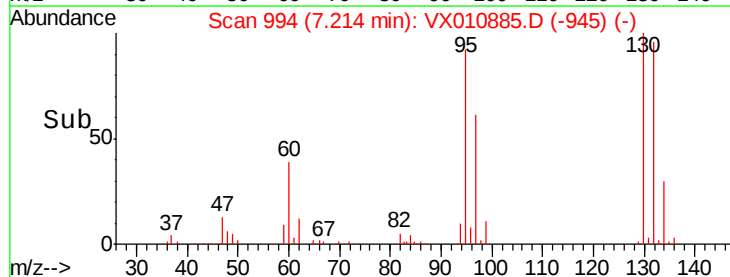
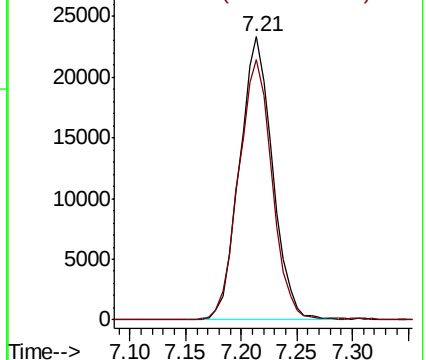
130 100

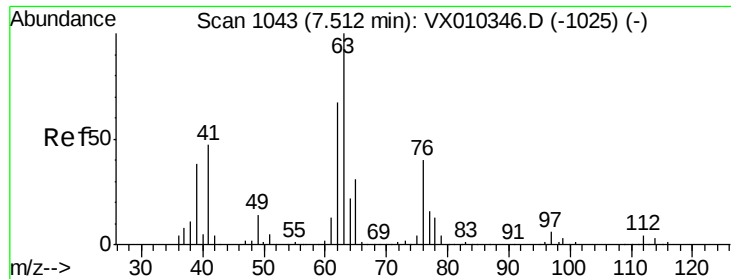
95 92.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.312 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

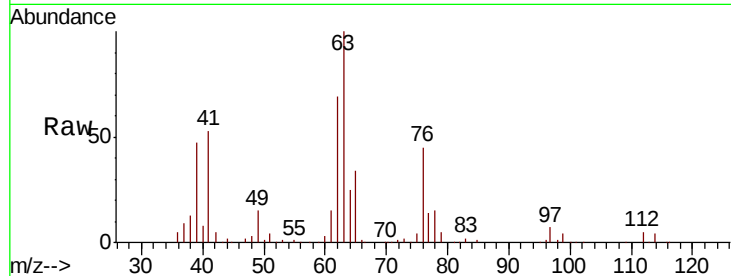
VX0715WBS03

Tot Ion: 63 Resp: 42981

Ion Ratio Lower Upper

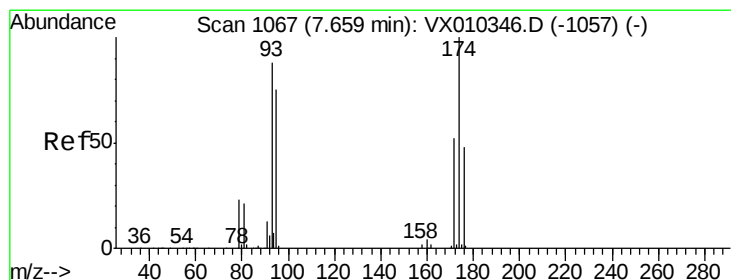
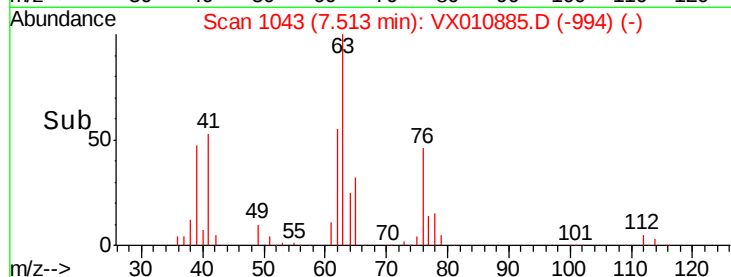
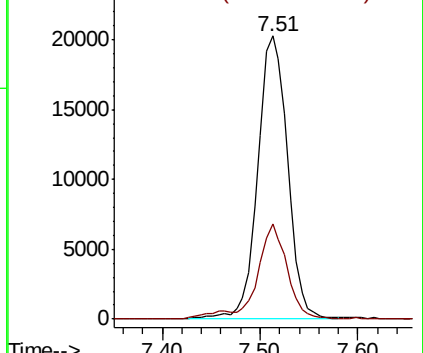
63 100

65 33.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.426 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

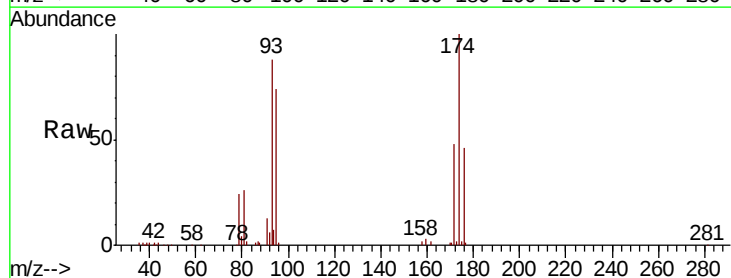
Tgt Ion: 93 Resp: 31042

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

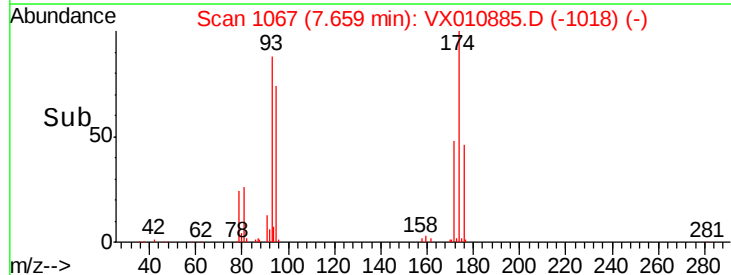
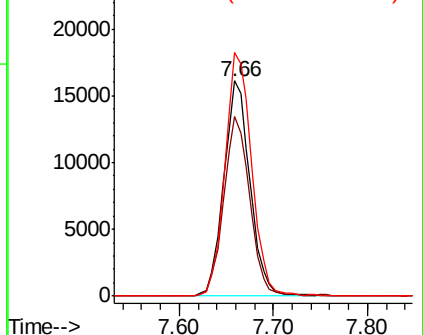
174 114.7 95.8 143.6

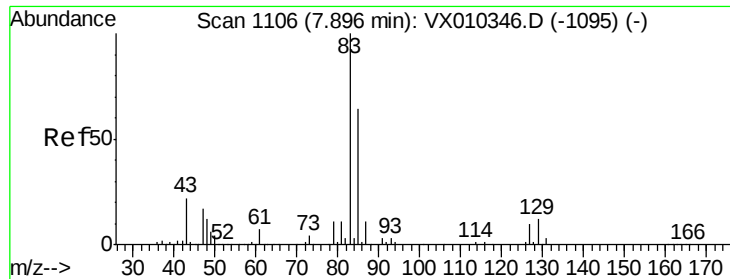


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

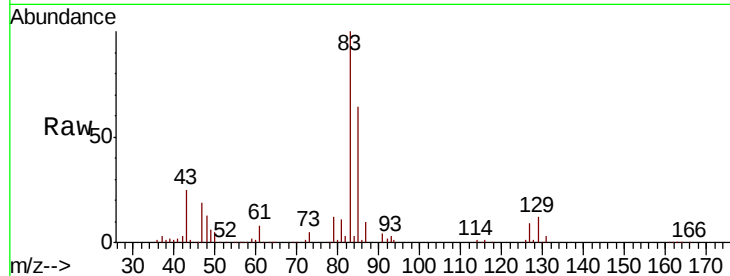




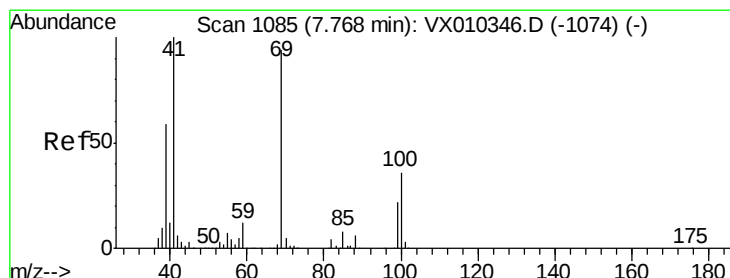
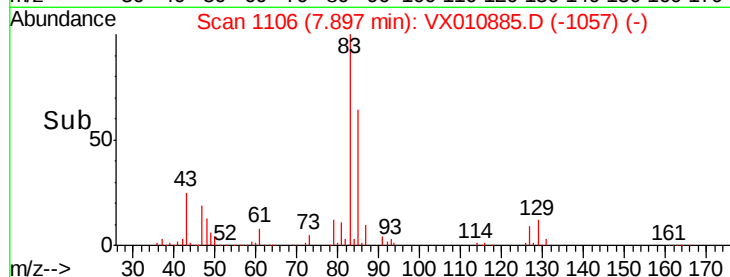
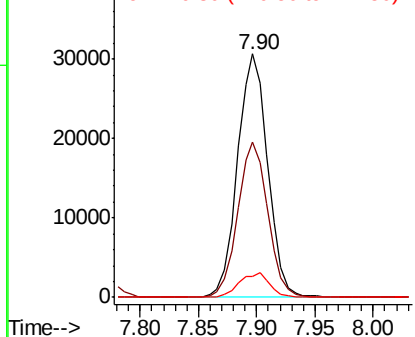
#47
Bromodichloromethane
Concen: 16.930 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 83 Resp: 55269
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 8.8 7.8 11.8

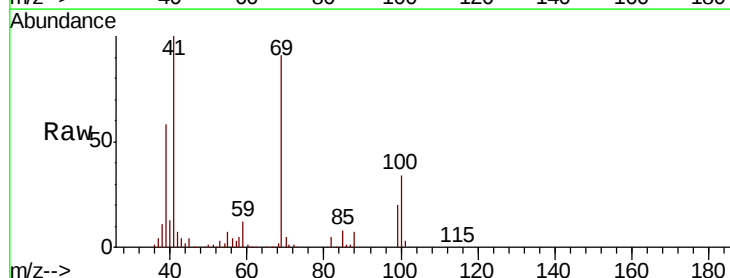


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

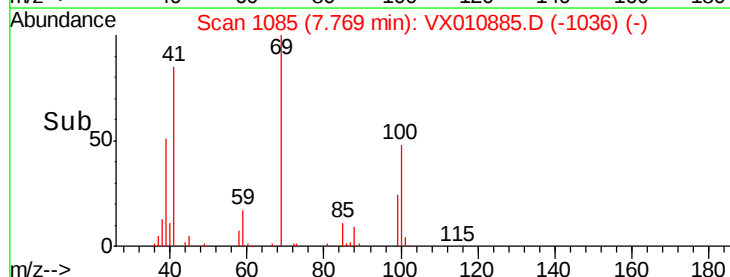
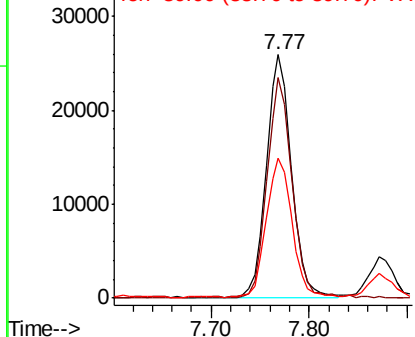


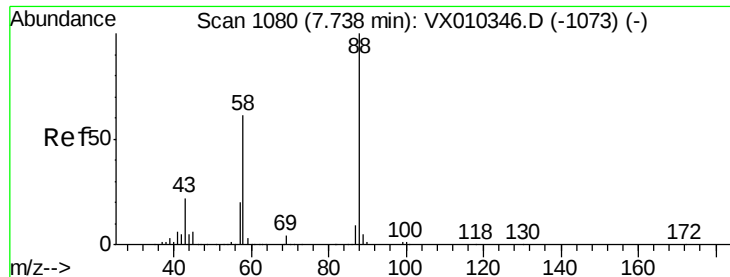
#48
Methyl methacrylate
Concen: 18.467 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 41 Resp: 46107
Ion Ratio Lower Upper
41 100
69 91.2 76.1 114.1
39 59.7 47.6 71.4



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





#49

1,4-Dioxane

Concen: 364.920 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

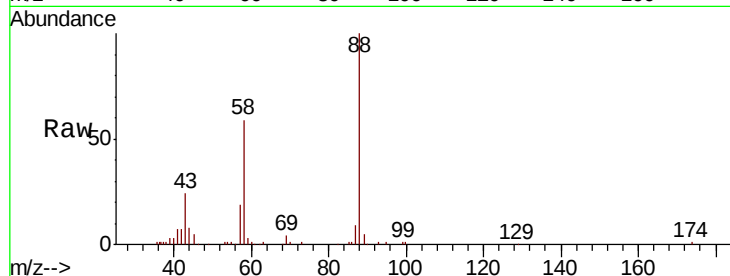
Tot Ion: 88 Resp: 26246

Ion Ratio Lower Upper

88 100

43 27.4 20.2 30.2

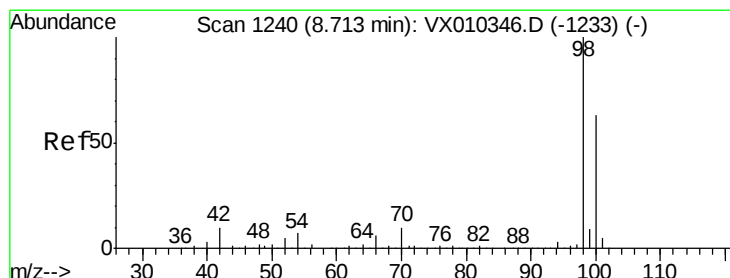
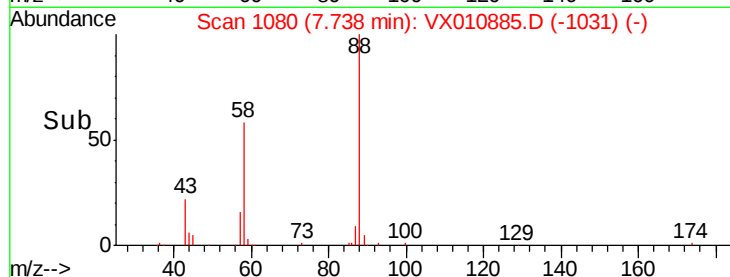
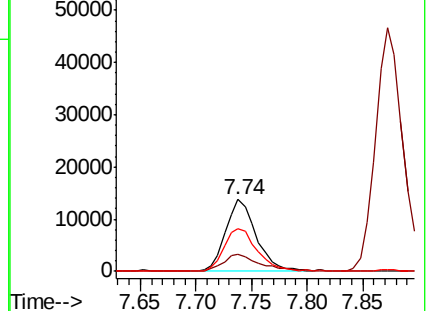
58 64.5 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.308 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010885.D

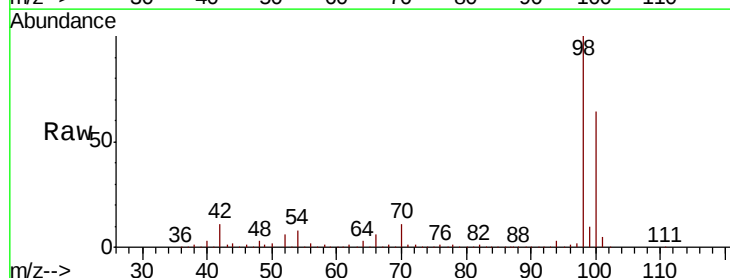
Acq: 15 Jul 2019 15:27

Tgt Ion: 98 Resp: 430468

Ion Ratio Lower Upper

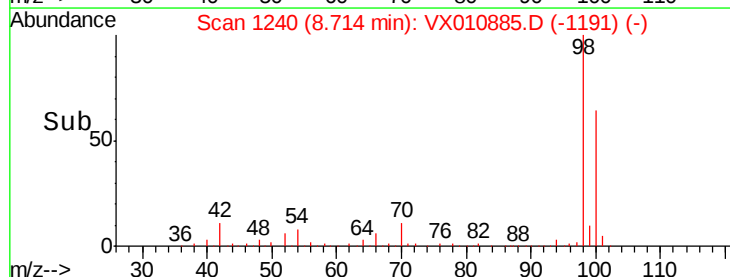
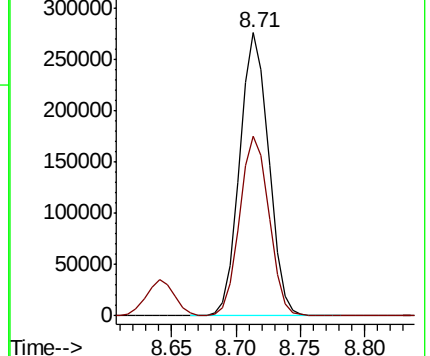
98 100

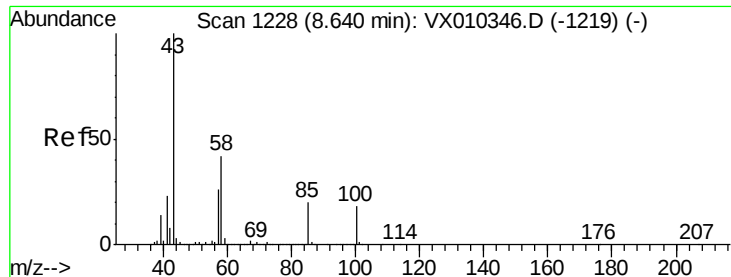
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 91.832 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

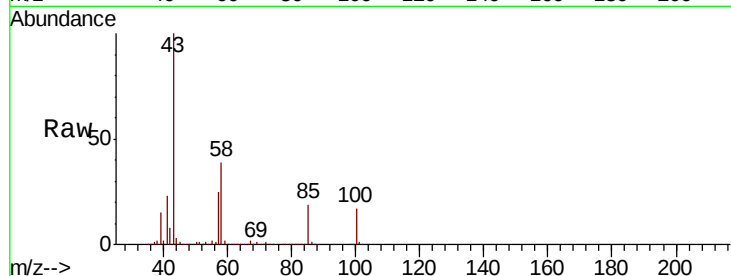
VX0715WBS03

Tot Ion: 43 Resp: 315470

Ion Ratio Lower Upper

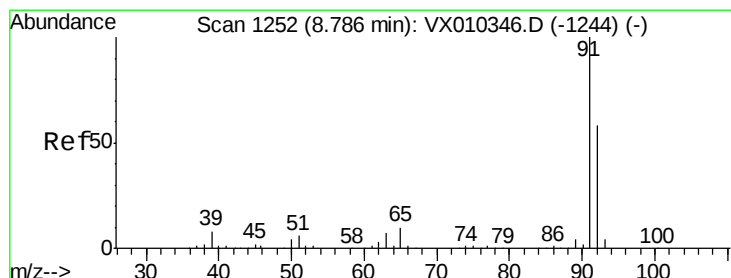
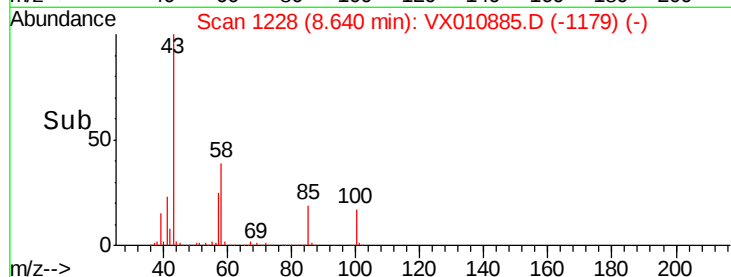
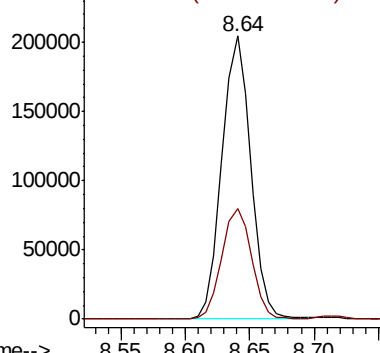
43 100

58 40.4 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 16.958 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010885.D

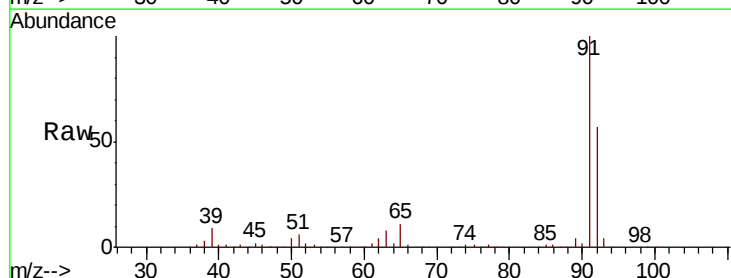
Acq: 15 Jul 2019 15:27

Tgt Ion: 92 Resp: 109797

Ion Ratio Lower Upper

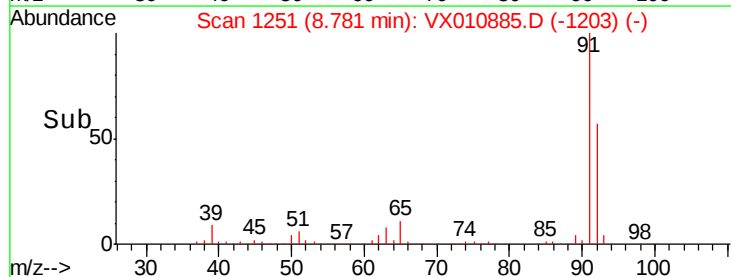
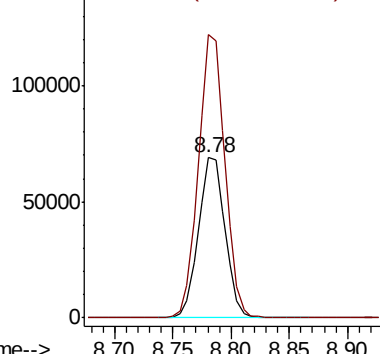
92 100

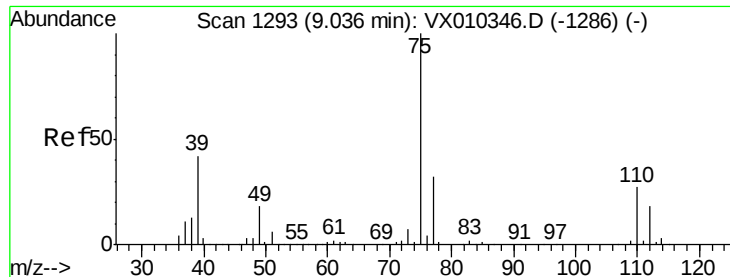
91 176.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 15.814 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

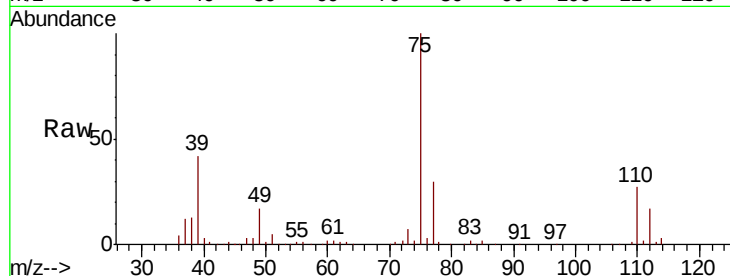
VX0715WBS03

Tot Ion: 75 Resp: 57879

Ion Ratio Lower Upper

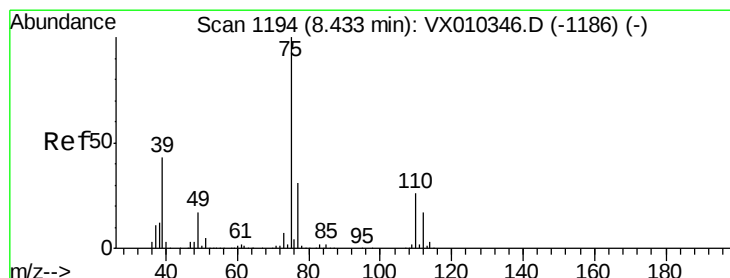
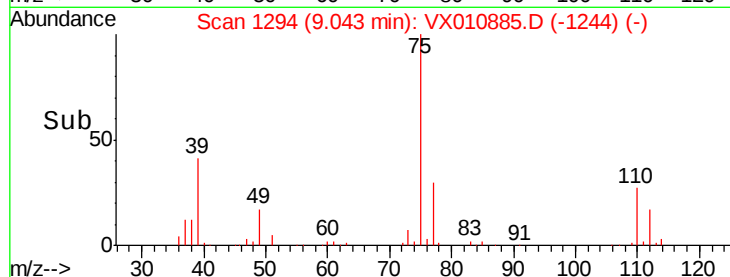
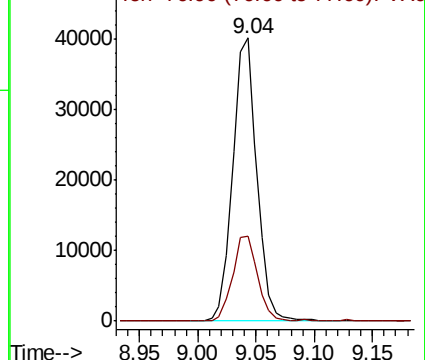
75 100

77 30.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.447 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

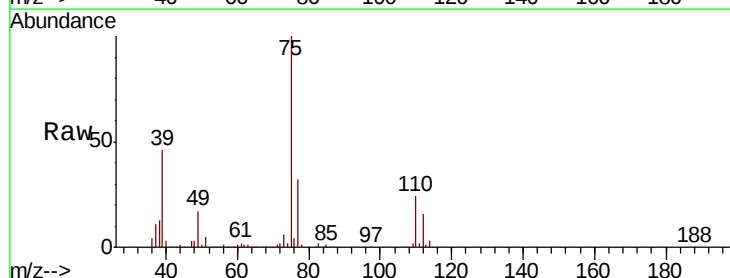
Tgt Ion: 75 Resp: 65415

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

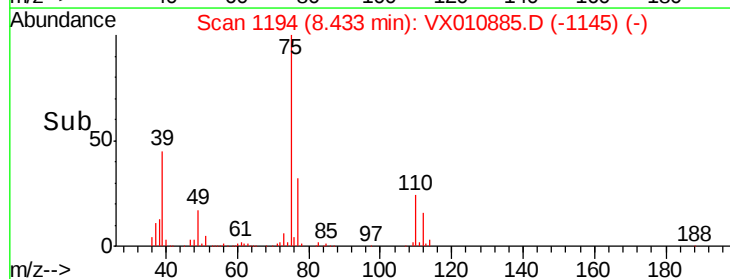
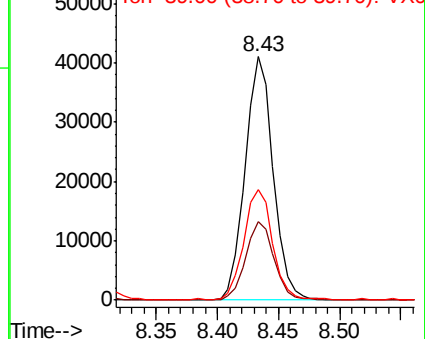
39 45.3 34.5 51.7

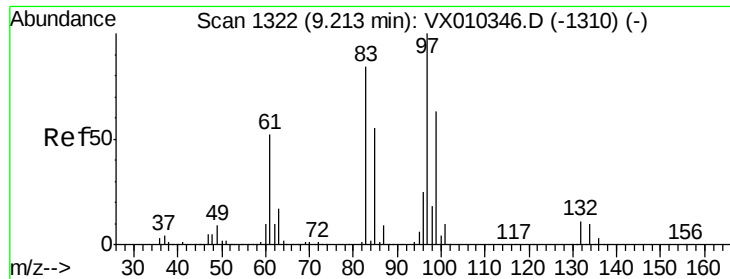


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

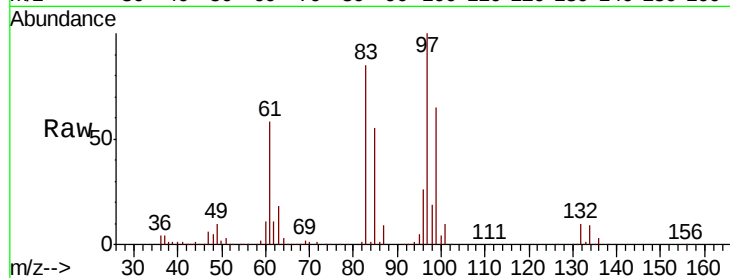




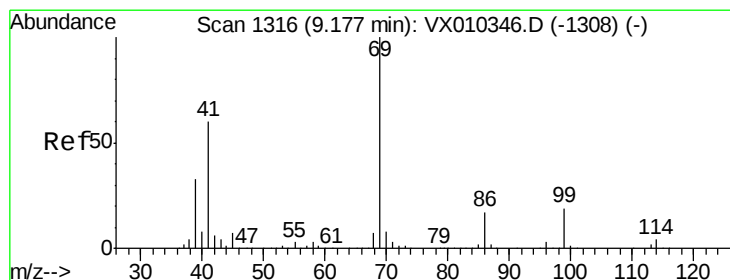
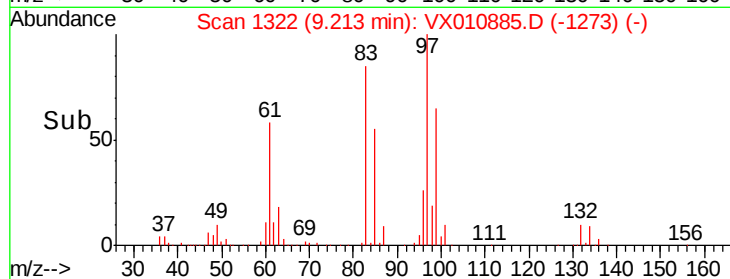
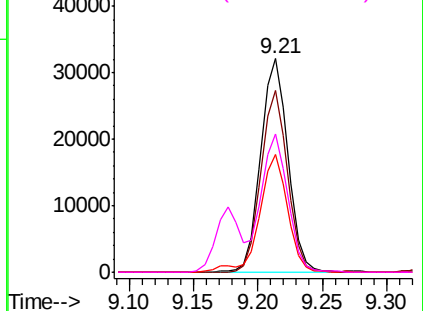
#55
 1,1,2-Trichloroethane
 Concen: 17.586 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion: 97 Resp: 46958
 Ion Ratio Lower Upper
 97 100
 83 85.3 67.4 101.0
 85 55.0 43.8 65.8
 99 64.6 50.3 75.5

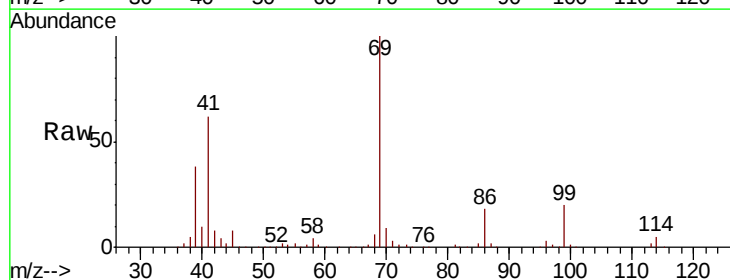


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

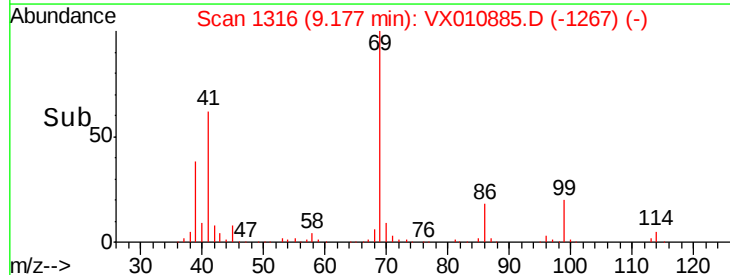
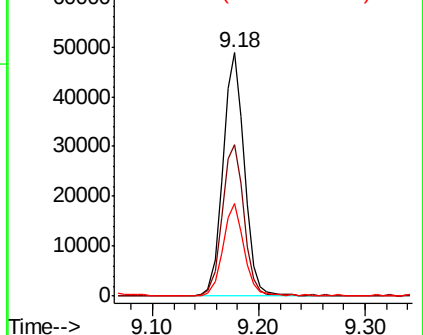


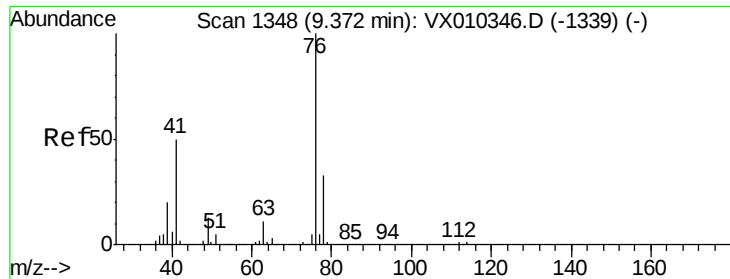
#56
 Ethyl methacrylate
 Concen: 16.970 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 69 Resp: 68643
 Ion Ratio Lower Upper
 69 100
 41 62.6 47.1 70.7
 39 36.3 26.6 40.0



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: 17.787 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

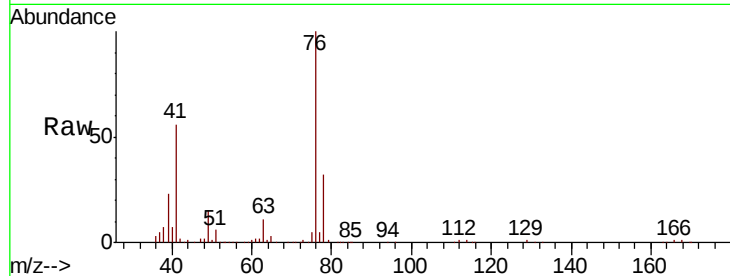
VX0715WBS03

Tot Ion: 76 Resp: 73727

Ion Ratio Lower Upper

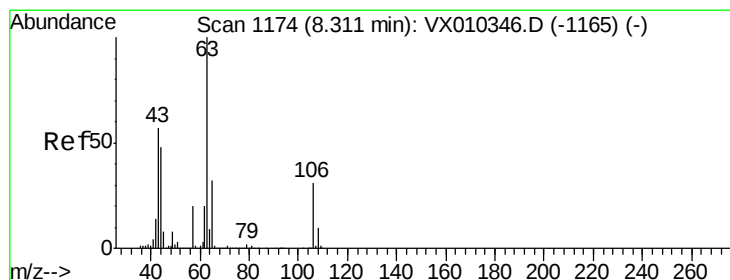
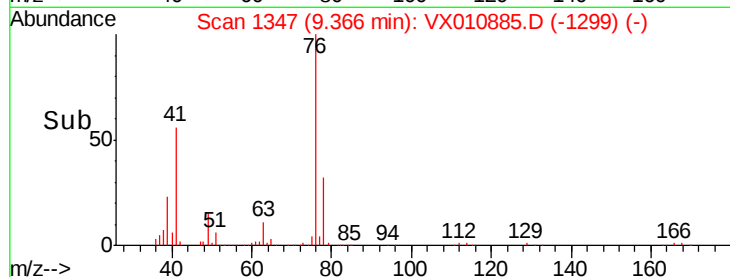
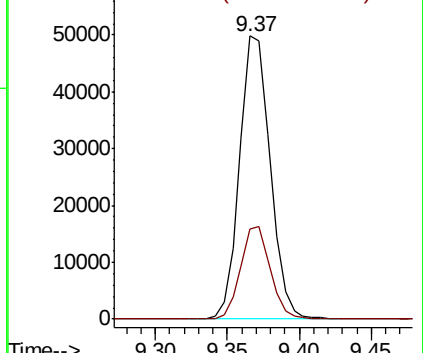
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 80.678 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010885.D

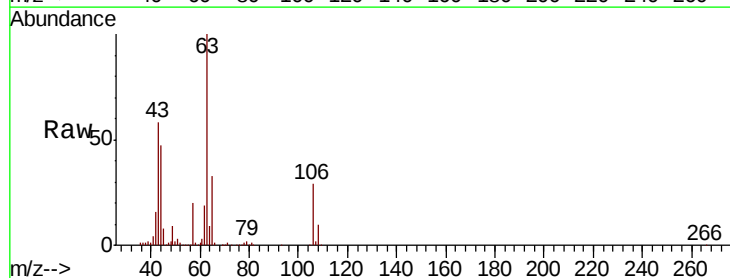
Acq: 15 Jul 2019 15:27

Tgt Ion: 63 Resp: 154992

Ion Ratio Lower Upper

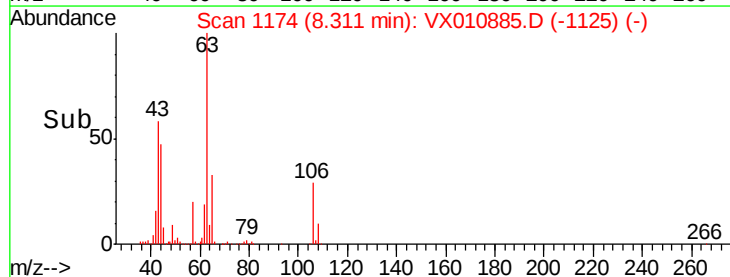
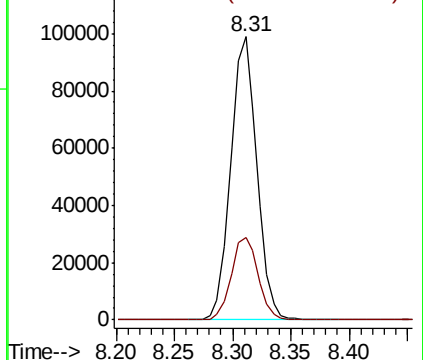
63 100

106 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

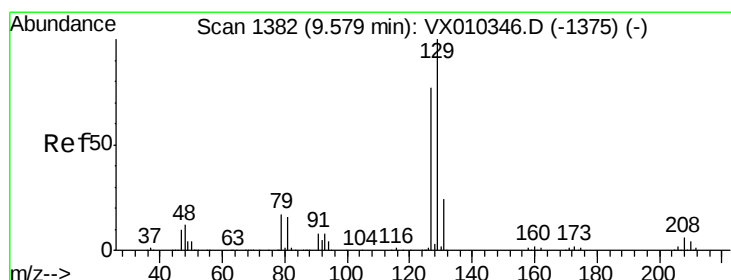
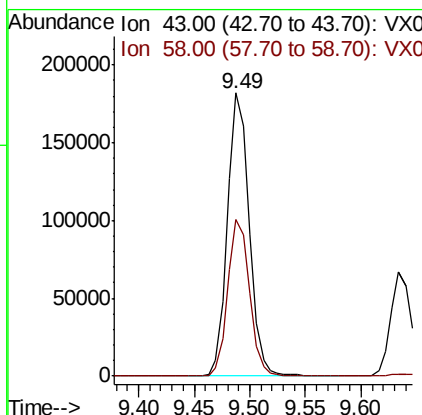
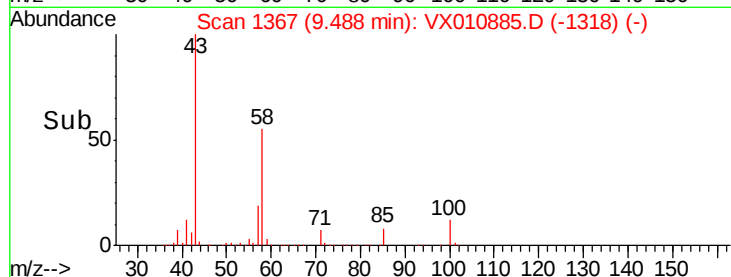
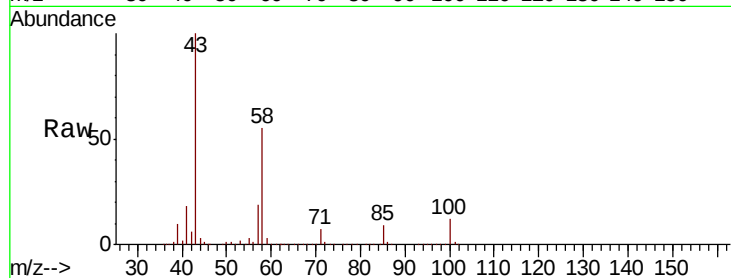




#59
2-Hexanone
Concen: 91.068 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

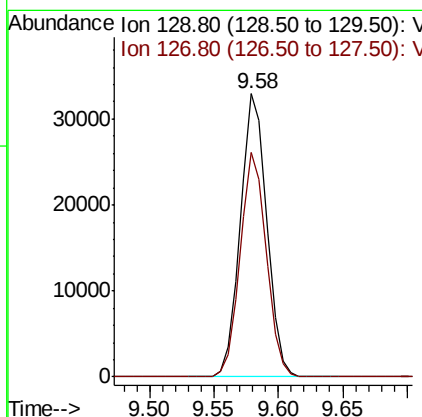
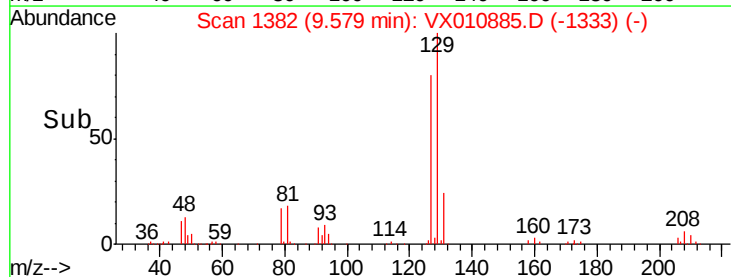
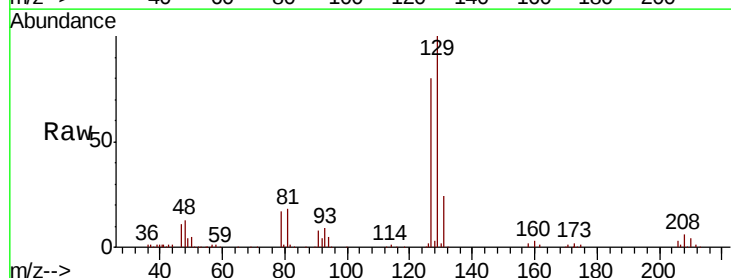
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 43 Resp: 246222
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.1



#60
Dibromochloromethane
Concen: 15.599 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 129 Resp: 46639
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.070 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

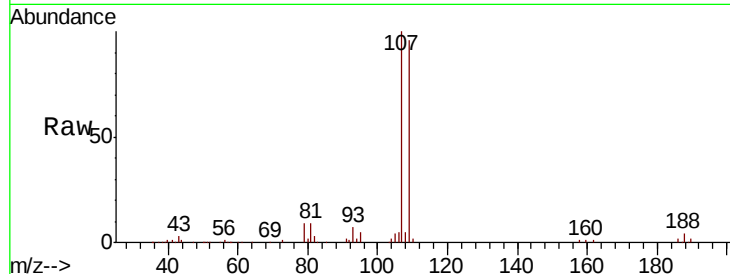
VX0715WBS03

Tot Ion:107 Resp: 49198

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

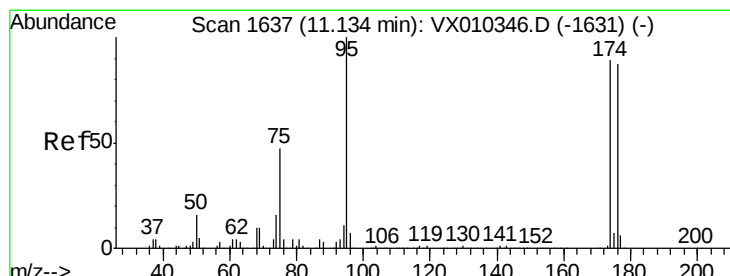
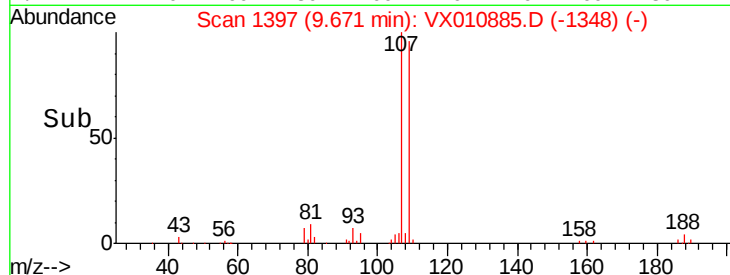
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.005 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

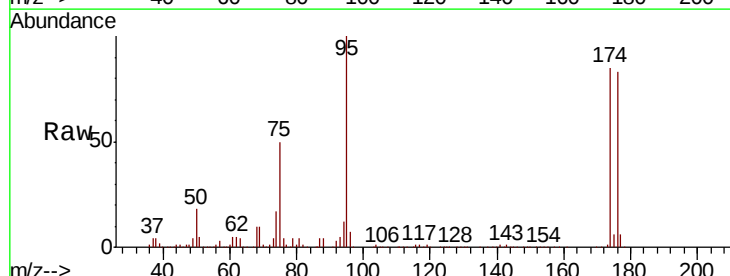
Tgt Ion: 95 Resp: 164464

Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.6

176 87.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

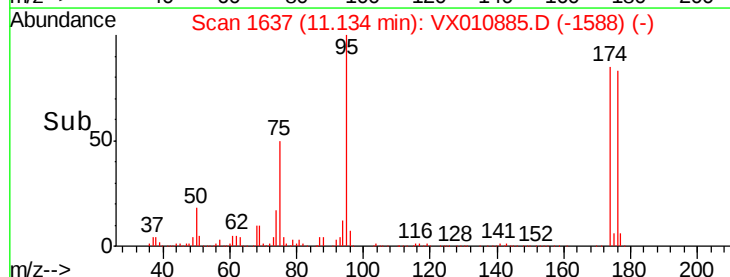
100000

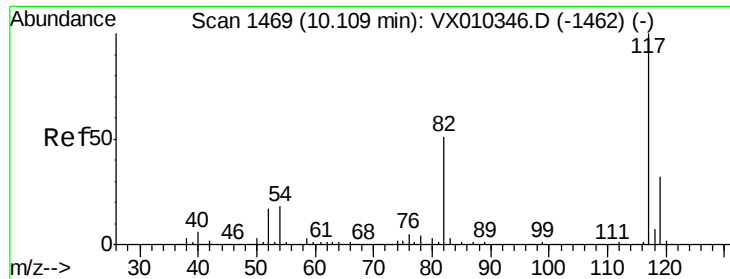
50000

0

Time-->

11.10 11.20

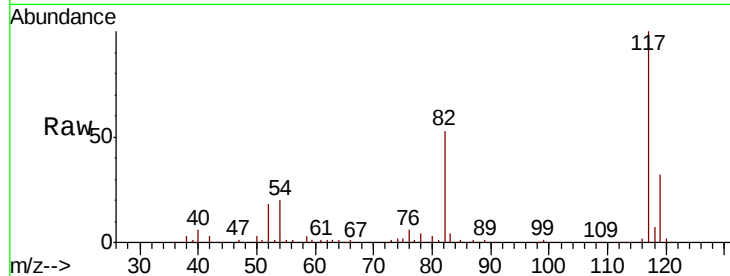




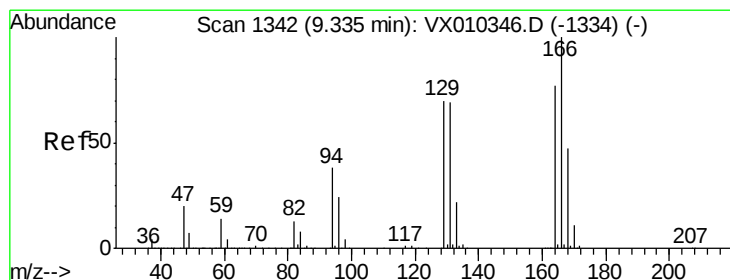
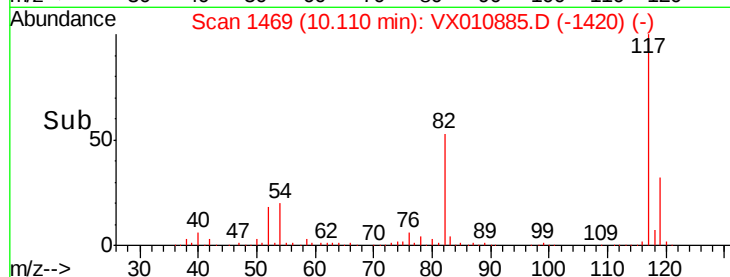
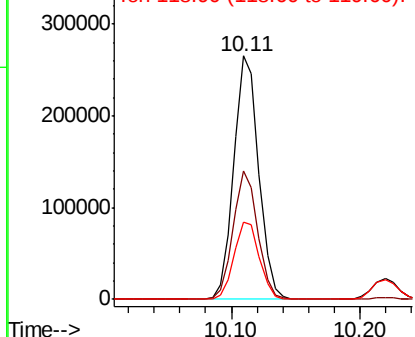
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion:117 Resp: 358718
Ion Ratio Lower Upper
117 100
82 52.6 41.2 61.8
119 31.9 25.5 38.3

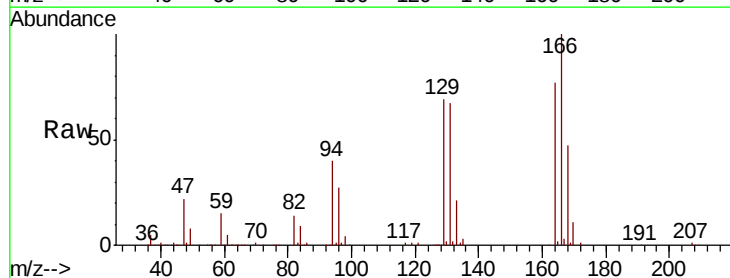


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

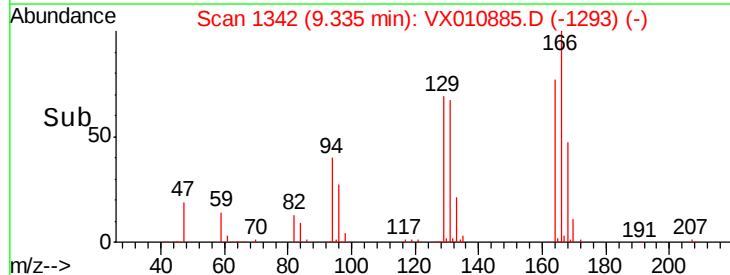
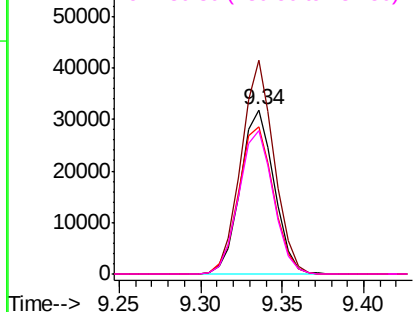


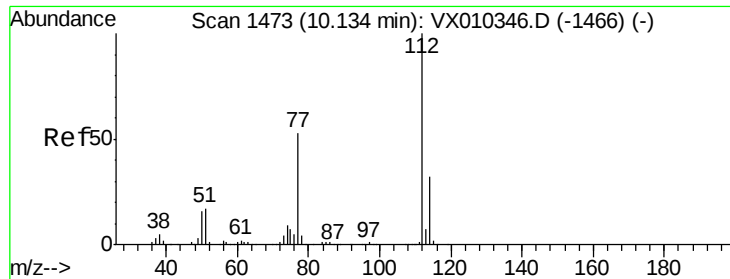
#64
Tetrachloroethene
Concen: 15.841 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion:164 Resp: 45962
Ion Ratio Lower Upper
164 100
166 130.1 103.6 155.4
129 89.7 73.0 109.4
131 87.6 71.0 106.4



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

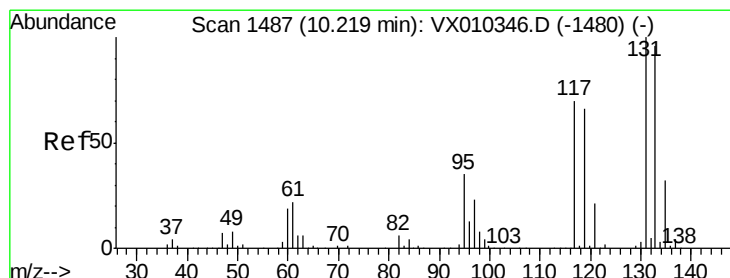
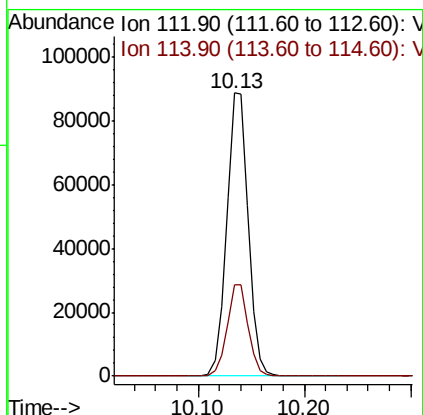
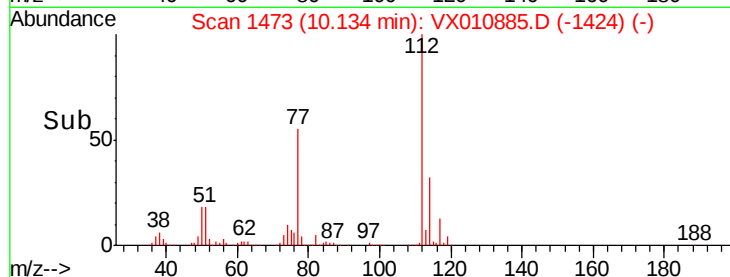
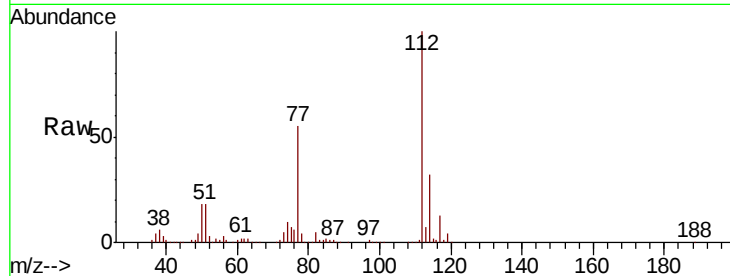




#65
Chlorobenzene
Concen: 17.221 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

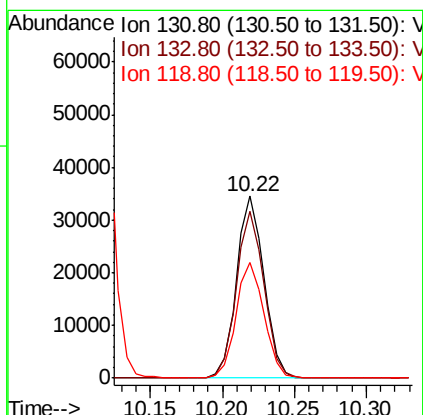
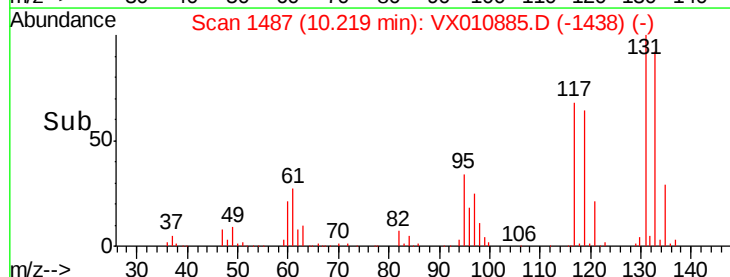
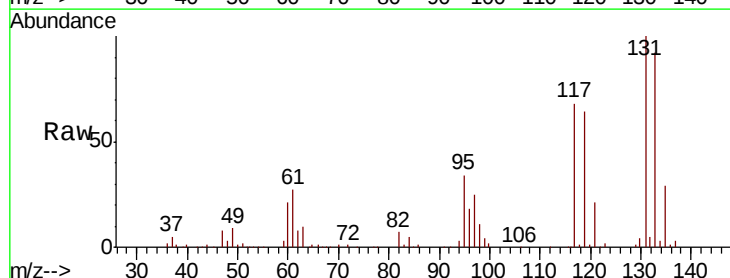
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

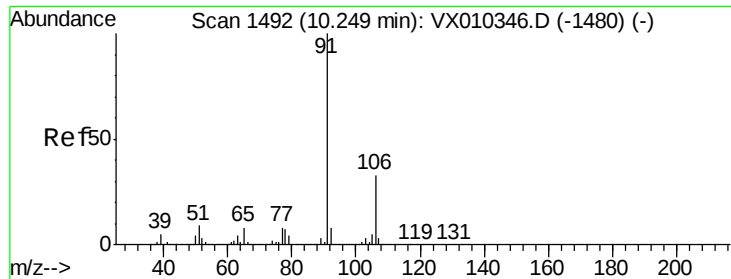
Tot Ion:112 Resp: 125418
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.266 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion:131 Resp: 45801
Ion Ratio Lower Upper
131 100
133 92.9 47.7 143.1
119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 17.273 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

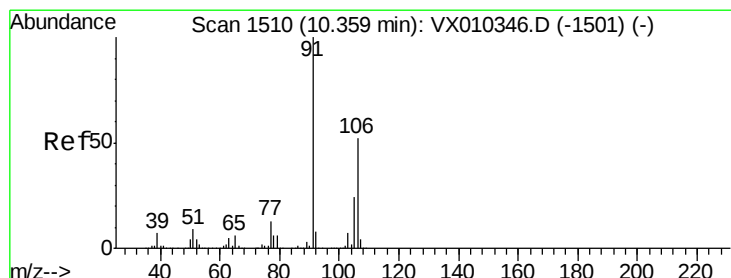
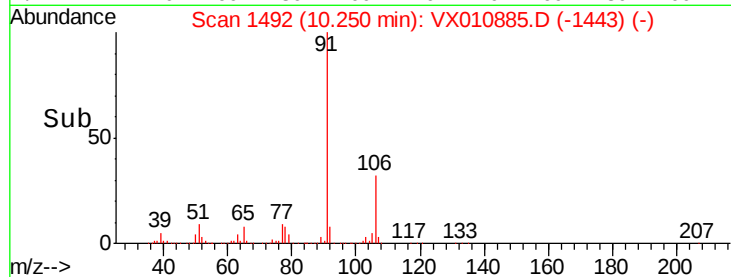
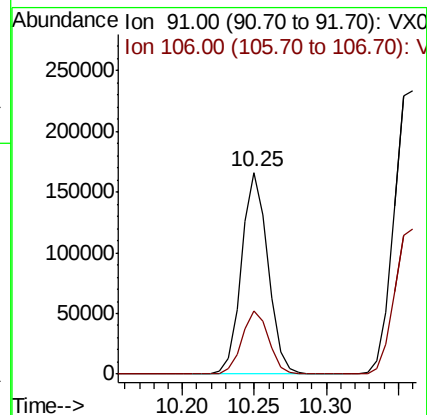
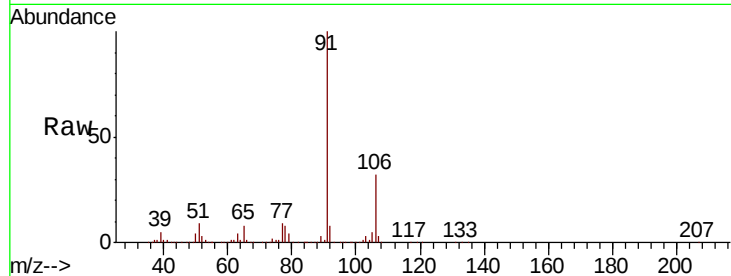
VX0715WBS03

Tot Ion: 91 Resp: 212370

Ion Ratio Lower Upper

91 100

106 31.6 26.2 39.2



#68

m/p-Xylenes

Concen: 34.666 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010885.D

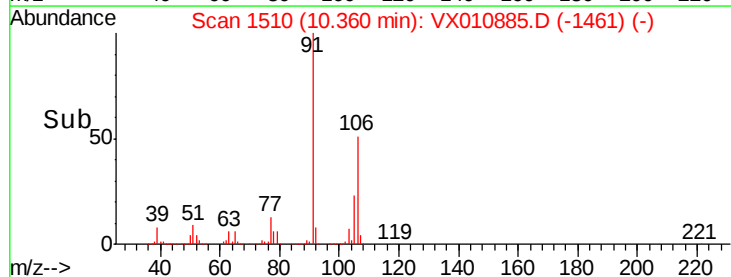
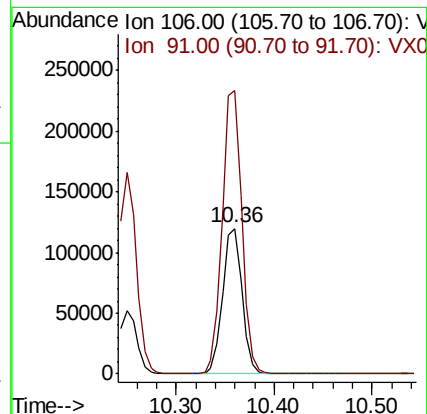
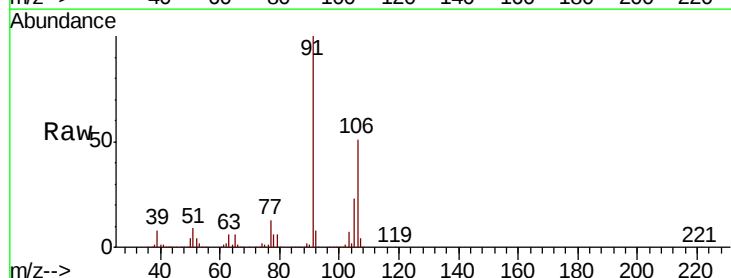
Acq: 15 Jul 2019 15:27

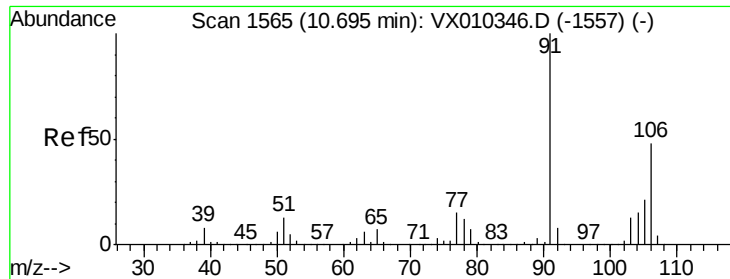
Tgt Ion: 106 Resp: 165147

Ion Ratio Lower Upper

106 100

91 196.9 155.3 232.9

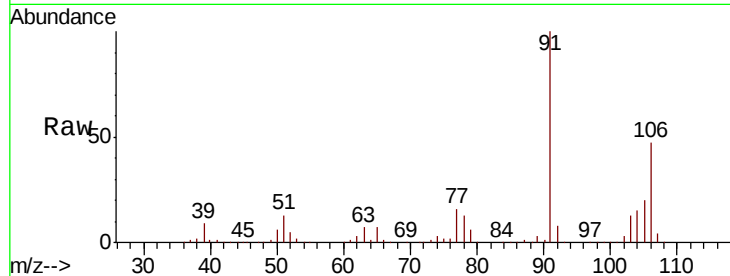




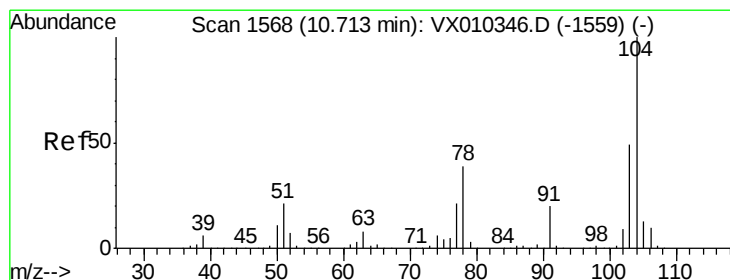
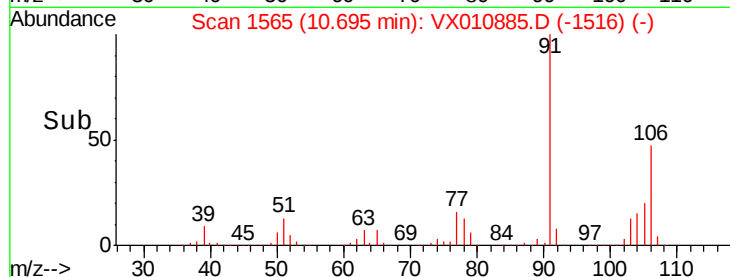
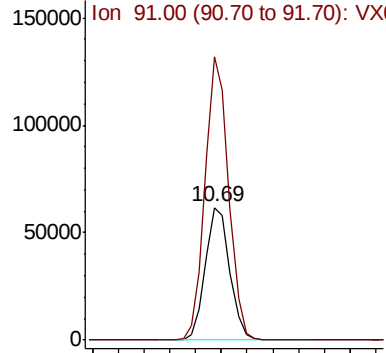
#69
o-Xylene
Concen: 17.462 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0715WBS03

Tot Ion:106 Resp: 81808
Ion Ratio Lower Upper
106 100
91 206.0 102.7 308.1

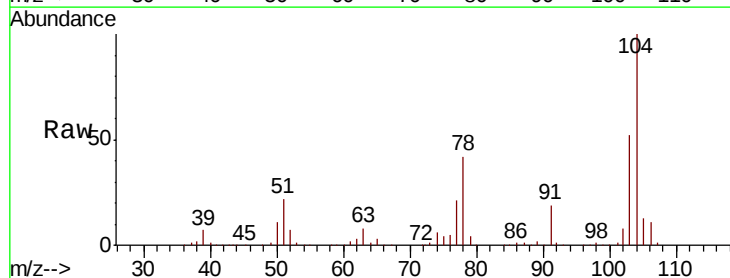


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

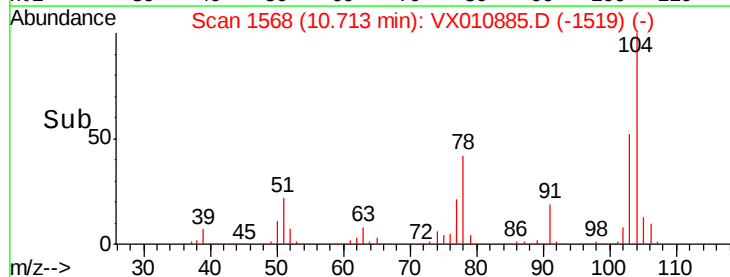
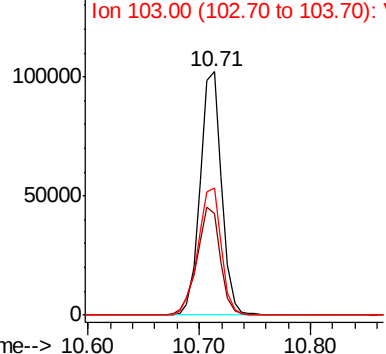


#70
Styrene
Concen: 17.250 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion:104 Resp: 135529
Ion Ratio Lower Upper
104 100
78 48.4 36.2 54.2
103 57.1 44.2 66.4



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





#71

Bromoform

Concen: 14.726 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

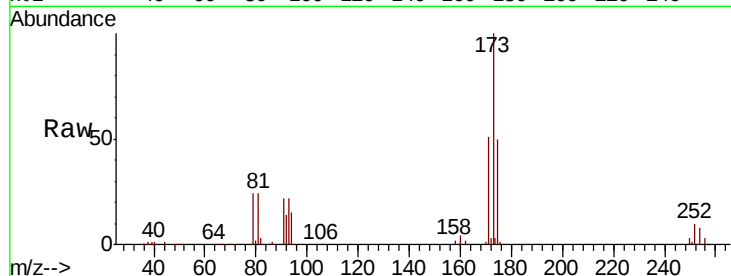
Tot Ion:173 Resp: 33970

Ion Ratio Lower Upper

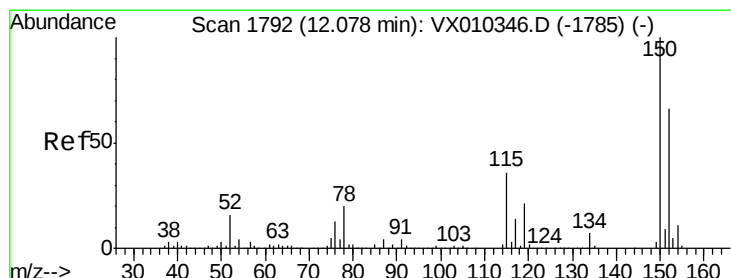
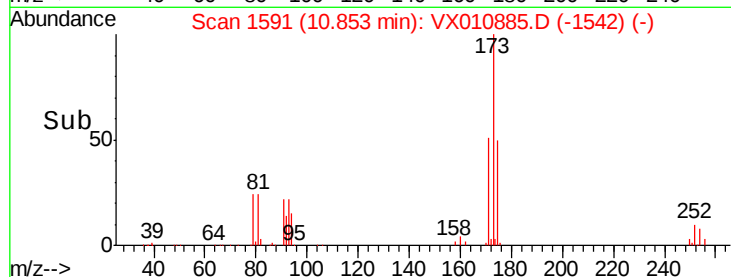
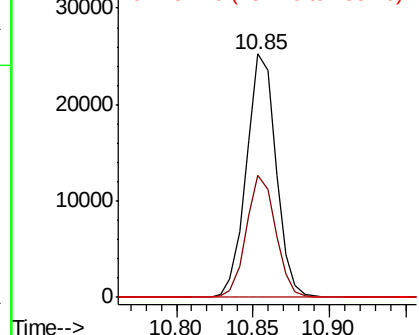
173 100

175 49.6 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

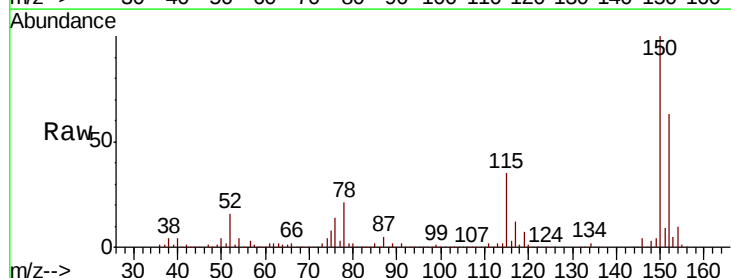
Tgt Ion:152 Resp: 185387

Ion Ratio Lower Upper

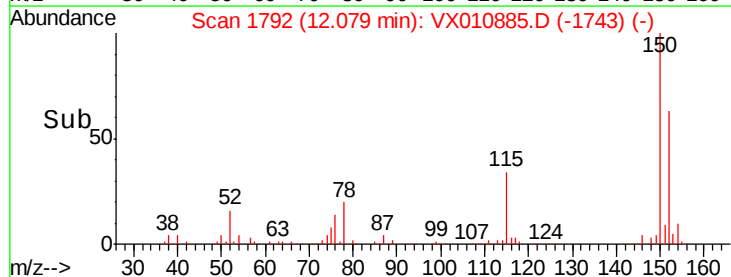
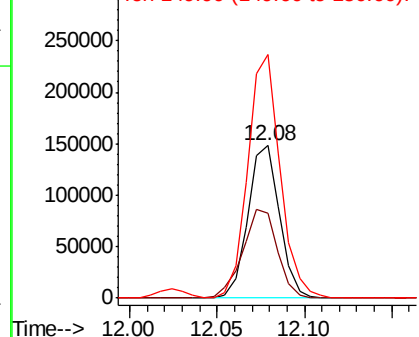
152 100

115 64.3 38.6 115.7

150 163.6 0.0 347.4



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: 17.305 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

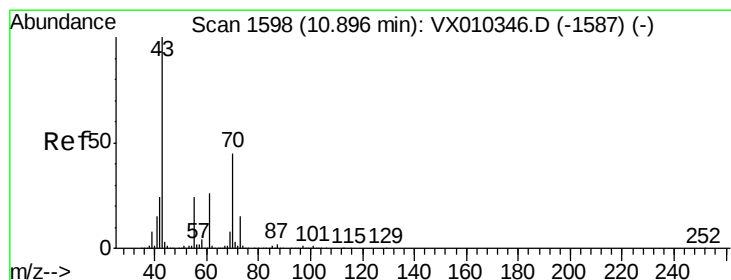
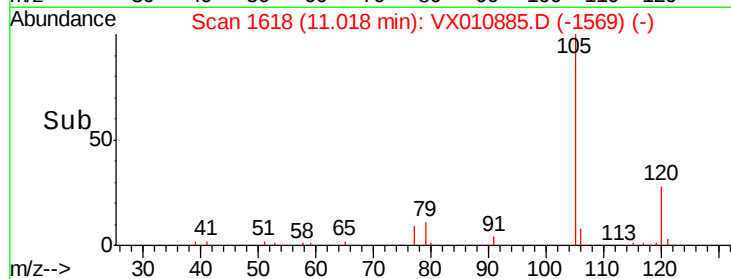
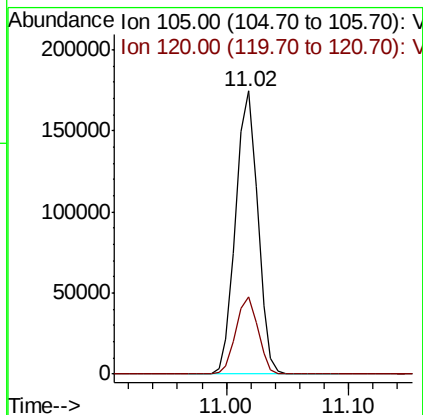
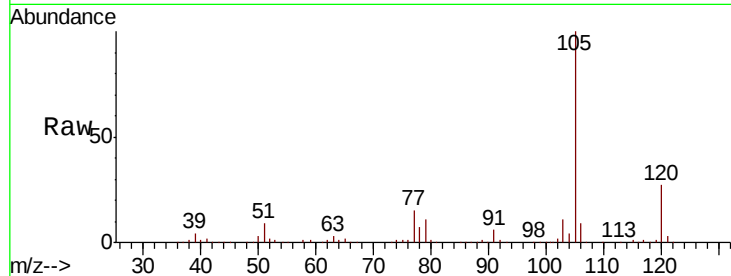
VX0715WBS03

Tot Ion:105 Resp: 217473

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4



#74

N-ethyl acetate

Concen: 18.462 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion: 43 Resp: 87681

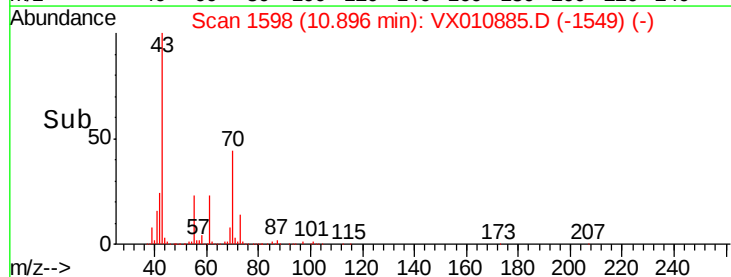
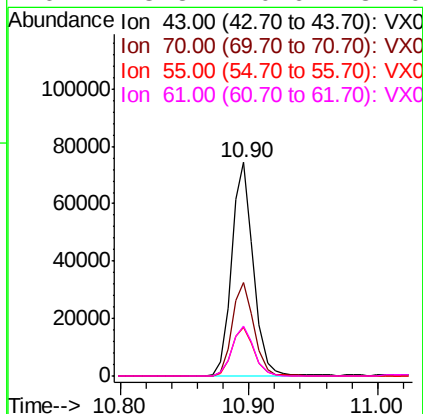
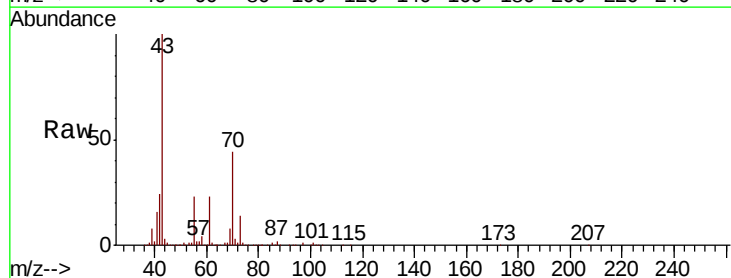
Ion Ratio Lower Upper

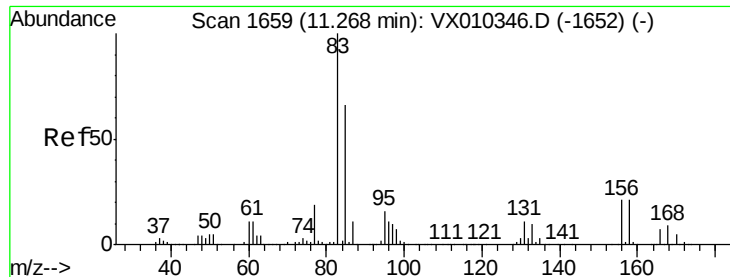
43 100

70 43.8 36.6 54.8

55 23.5 18.7 28.1

61 23.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.657 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

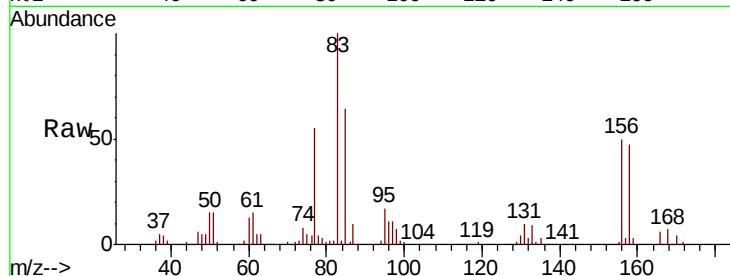
Tot Ion: 83 Resp: 73486

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

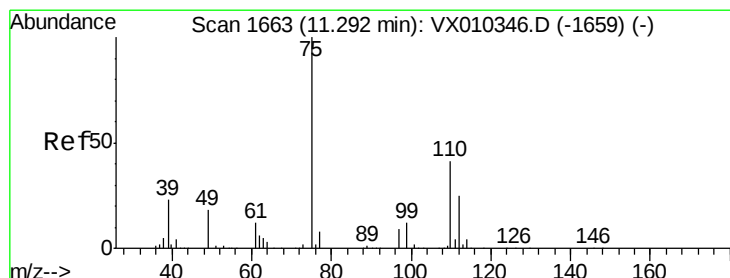
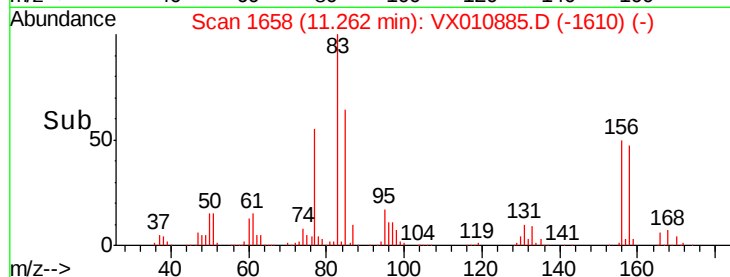
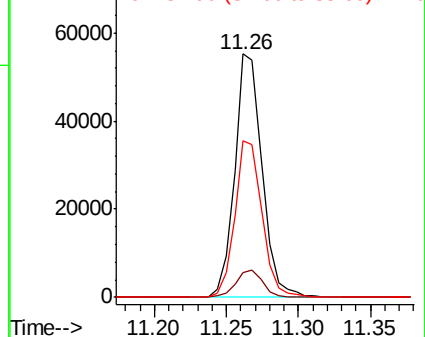
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.652 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010885.D

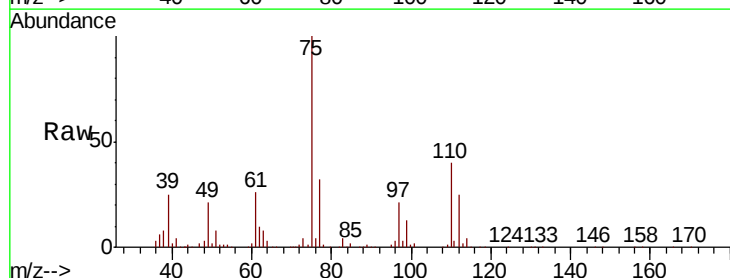
Acq: 15 Jul 2019 15:27

Tgt Ion: 75 Resp: 76524

Ion Ratio Lower Upper

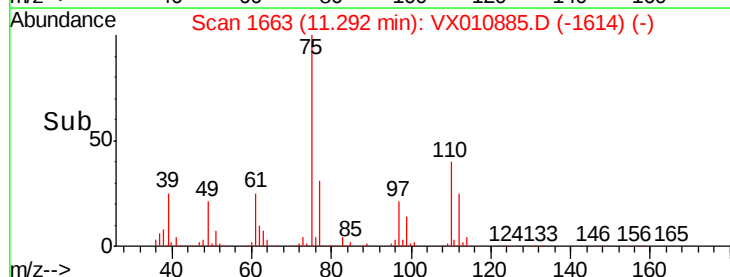
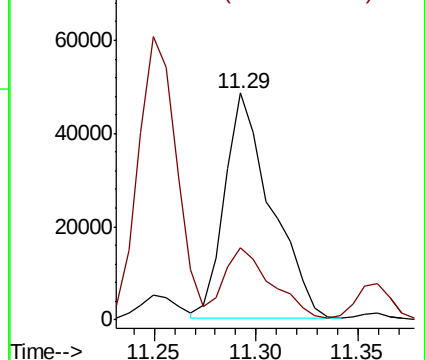
75 100

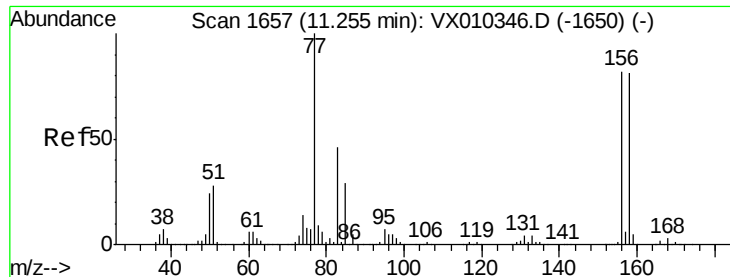
77 33.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.819 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

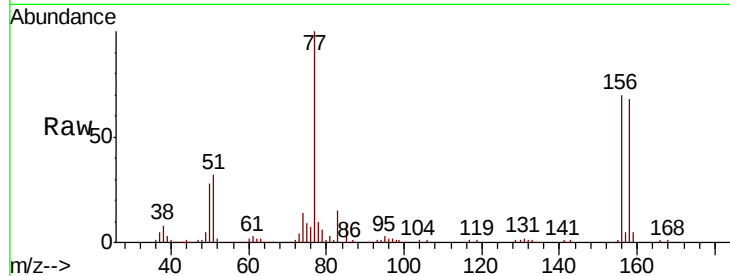
Tot Ion:156 Resp: 59020

Ion Ratio Lower Upper

156 100

77 134.7 66.3 198.7

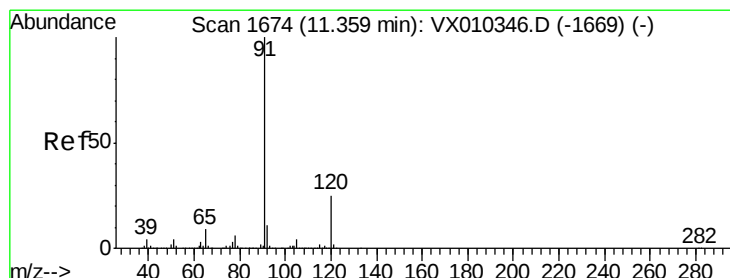
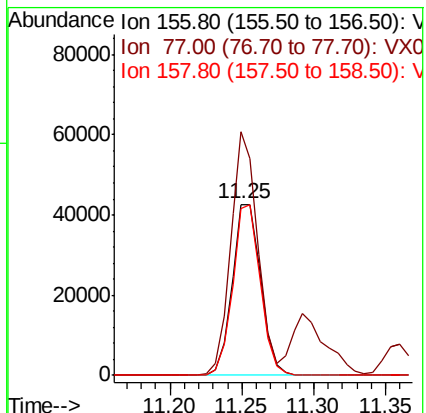
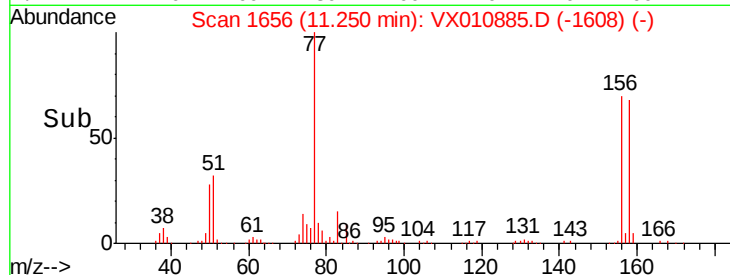
158 96.3 48.9 146.7



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: 17.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010885.D

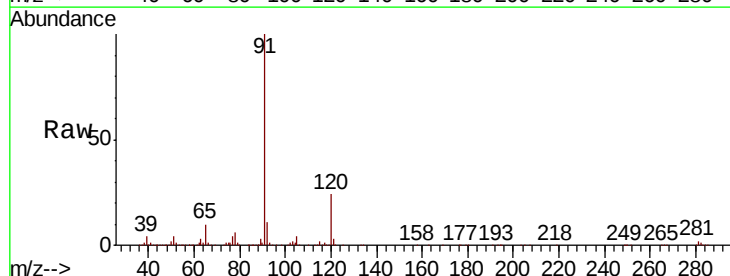
Acq: 15 Jul 2019 15:27

Tgt Ion: 91 Resp: 240875

Ion Ratio Lower Upper

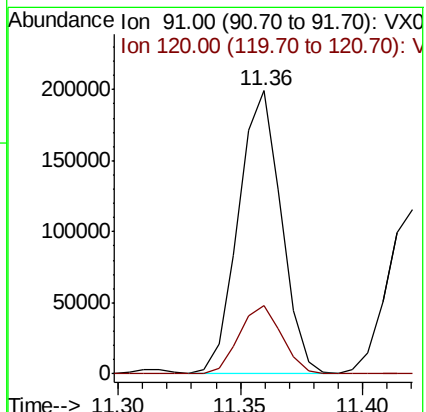
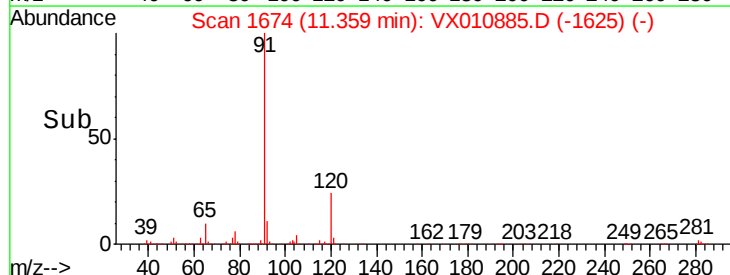
91 100

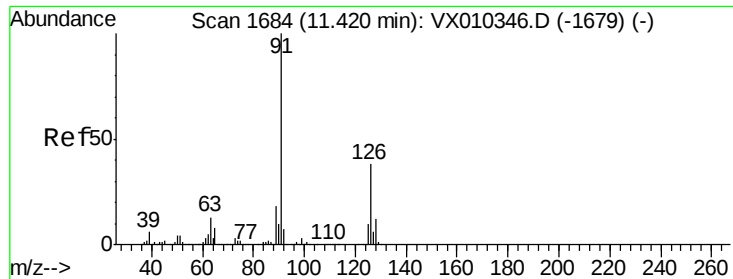
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

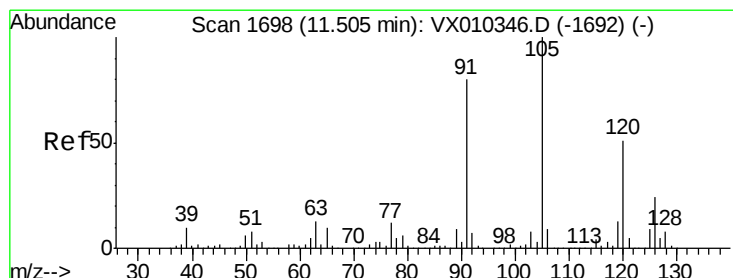
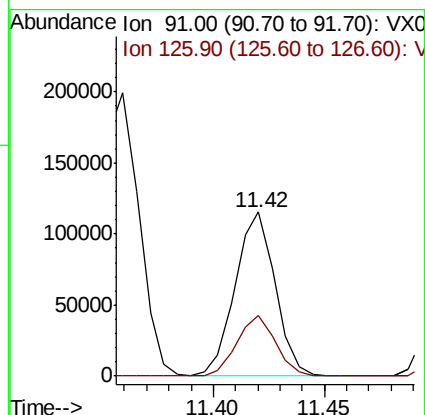
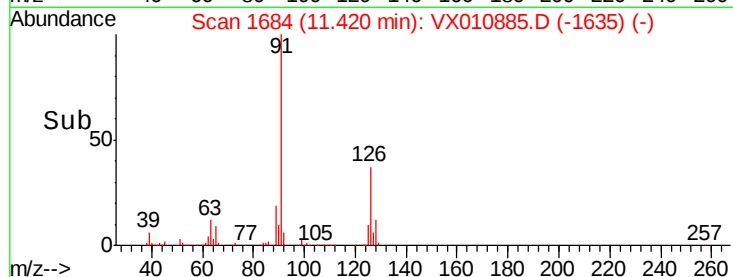
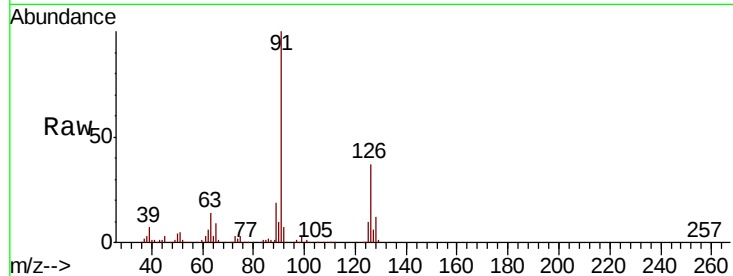




#79
 2-Chlorotoluene
 Concen: 17.471 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

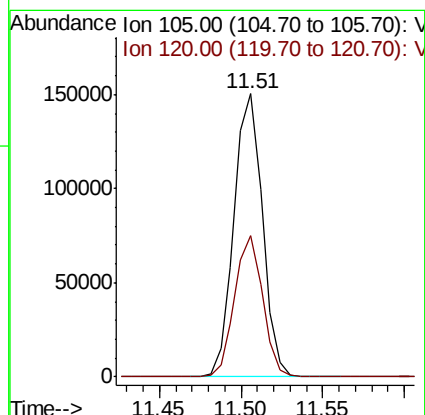
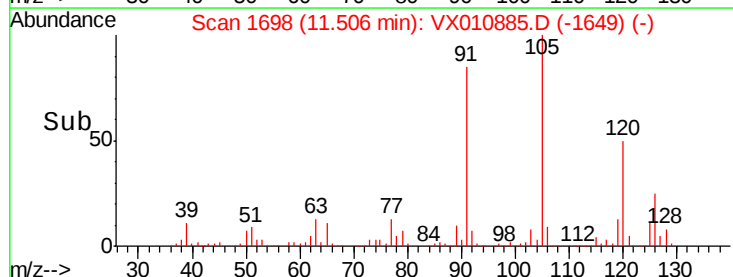
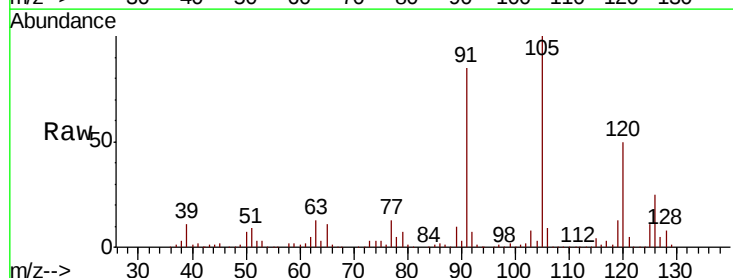
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

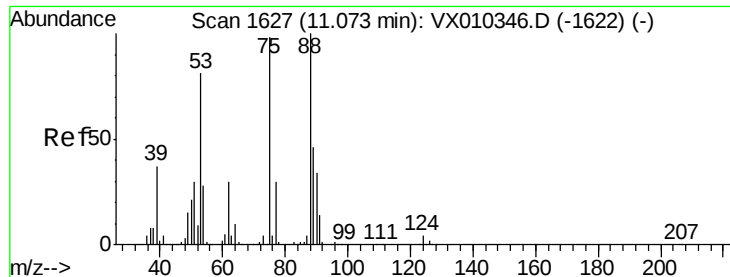
Tot Ion: 91 Resp: 143690
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.649 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion:105 Resp: 182840
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6

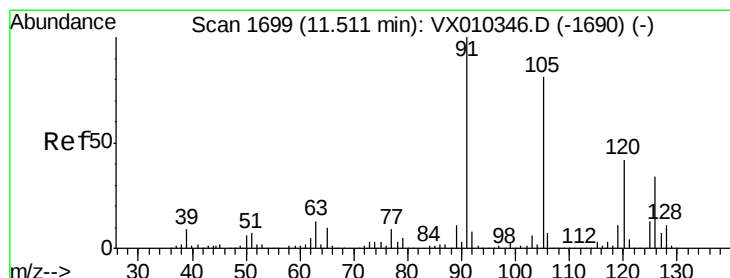
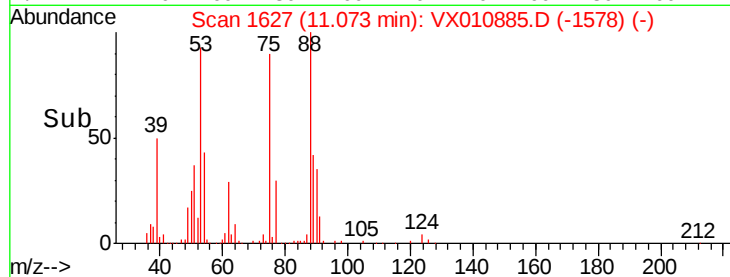
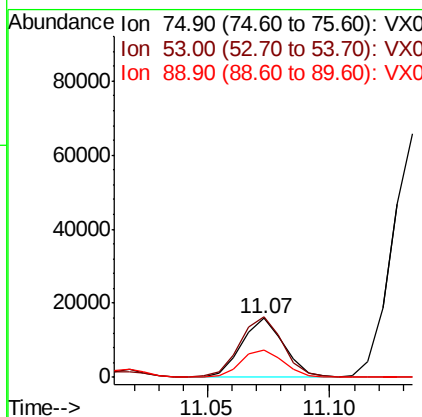
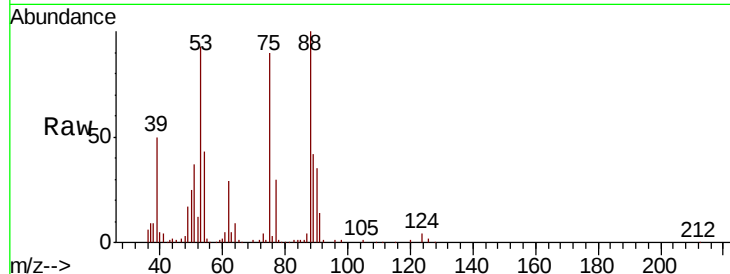




#81
trans-1,4-Dichloro-2-butene
Concen: 13.108 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

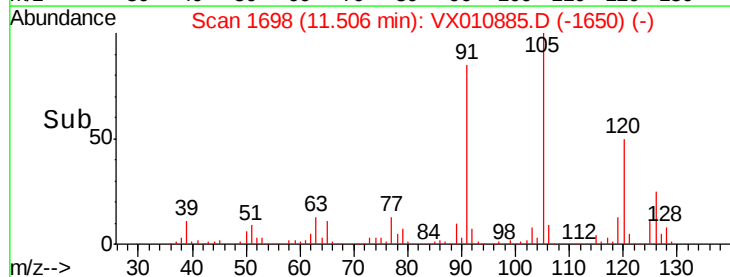
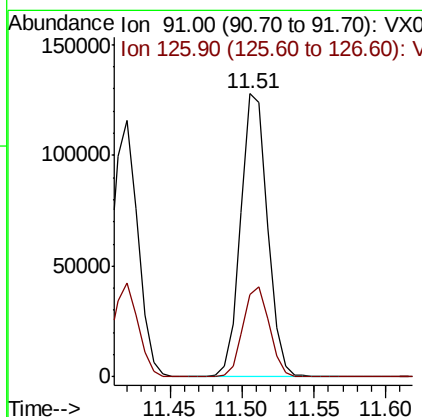
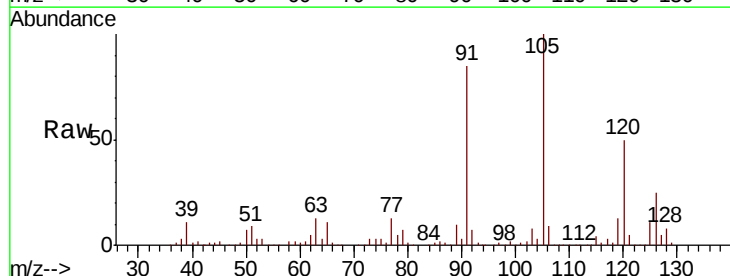
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

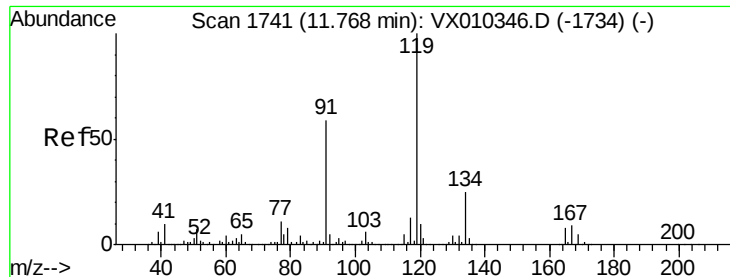
Tot Ion: 75 Resp: 18981
Ion Ratio Lower Upper
75 100
53 106.8 66.1 99.1#
89 48.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 17.576 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 91 Resp: 164483
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6

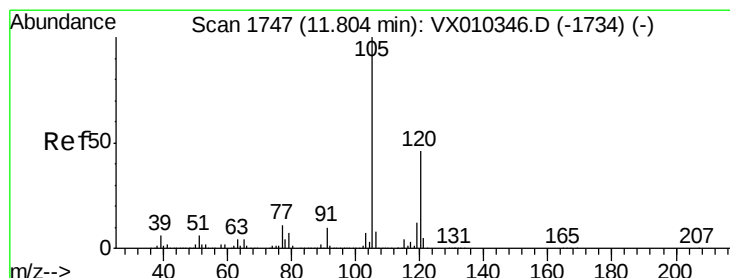
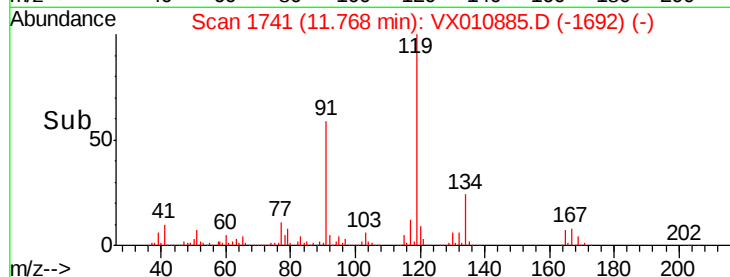
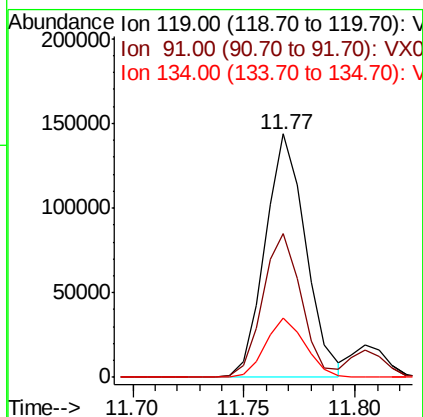
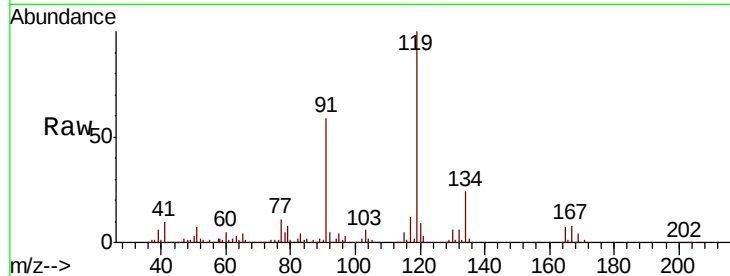




#83
 tert-Butylbenzene
 Concen: 17.480 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

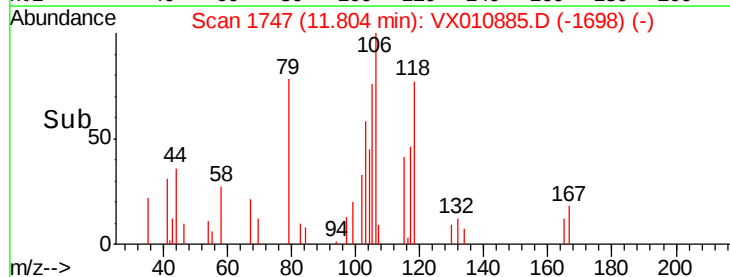
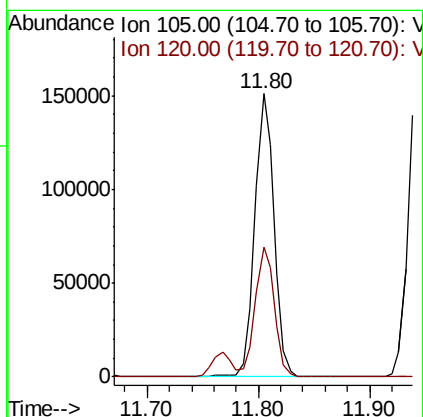
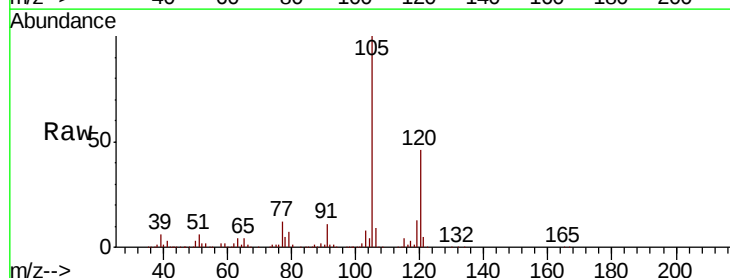
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion:119 Resp: 181764
 Ion Ratio Lower Upper
 119 100
 91 56.9 27.6 82.7
 134 23.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.506 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion:105 Resp: 182211
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.408 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

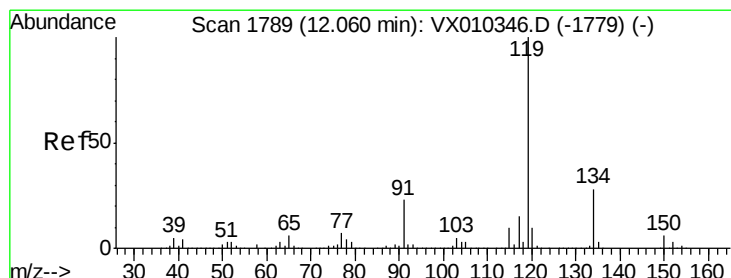
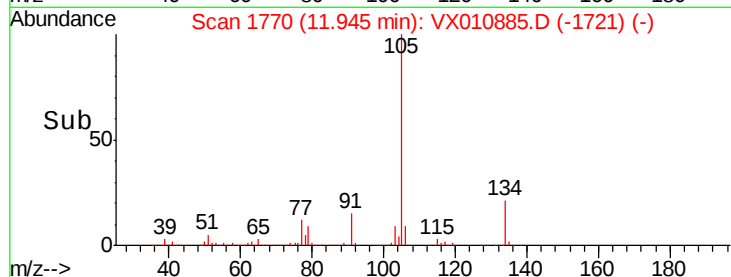
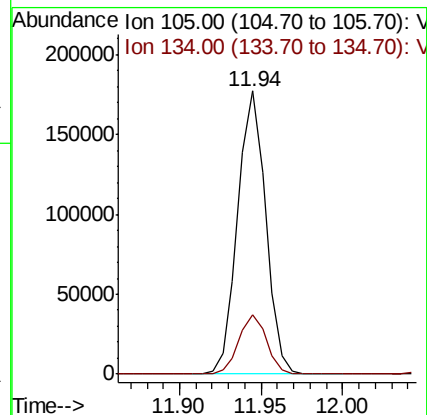
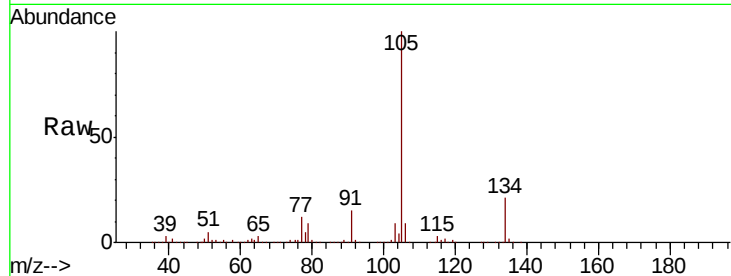
VX0715WBS03

Tot Ion:105 Resp: 212527

Ion Ratio Lower Upper

105 100

134 20.8 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.291 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

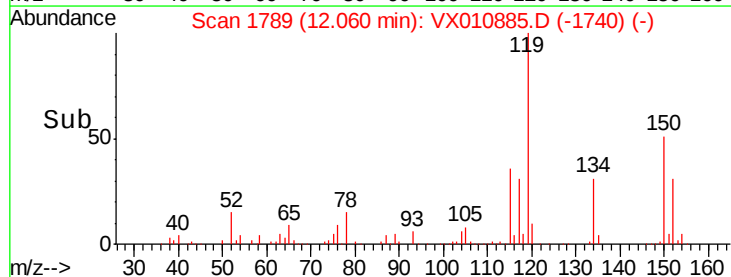
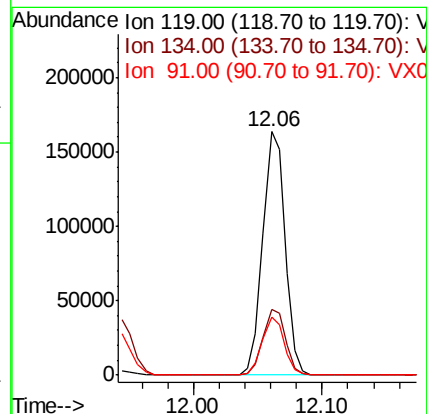
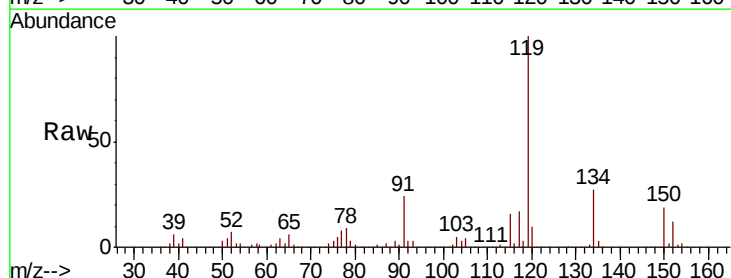
Tgt Ion:119 Resp: 195262

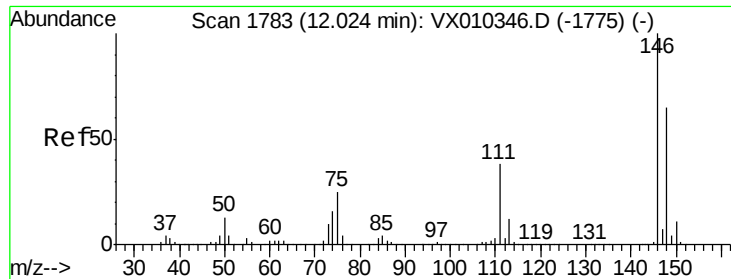
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.6 11.3 33.8

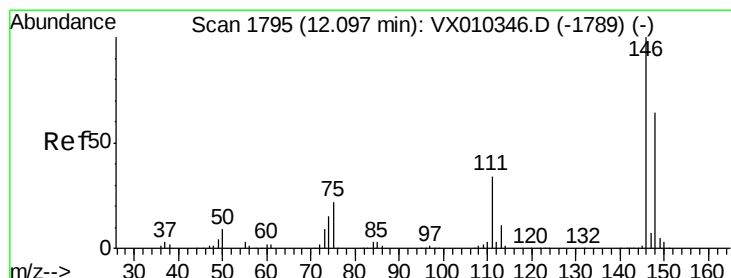
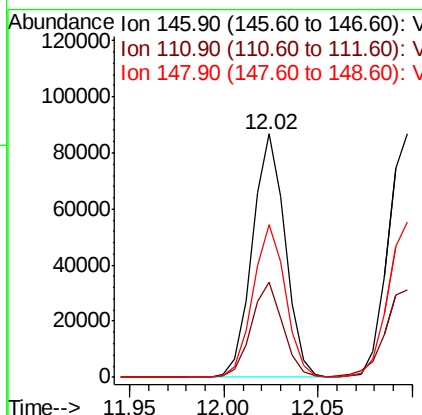
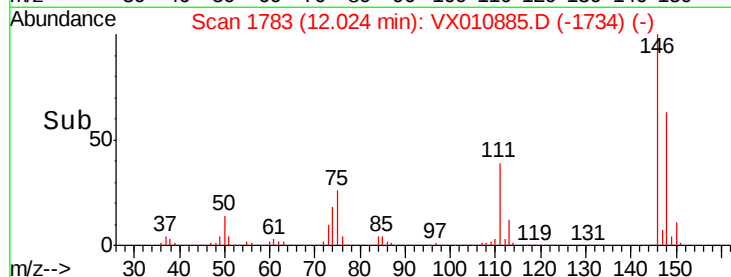
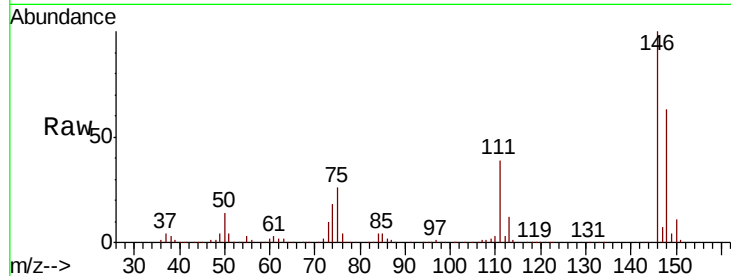




#87
 1,3-Dichlorobenzene
 Concen: 17.055 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

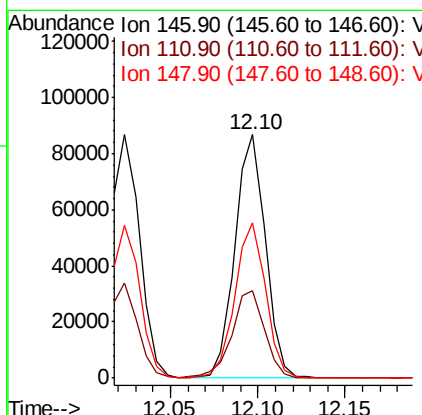
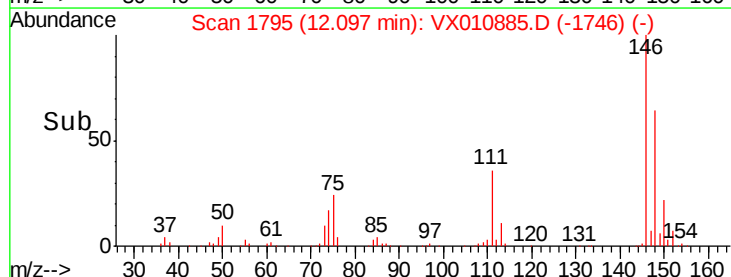
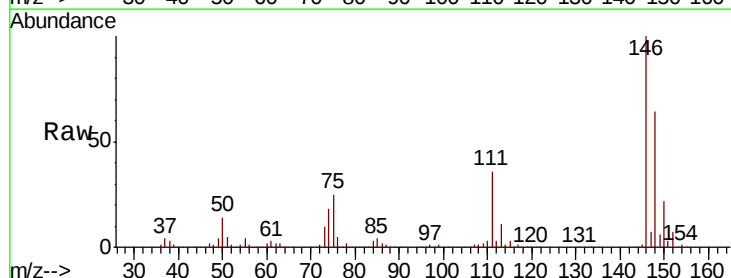
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion:146 Resp: 104468
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 62.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 16.837 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion:146 Resp: 104992
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.1 54.3
 148 64.5 32.1 96.3

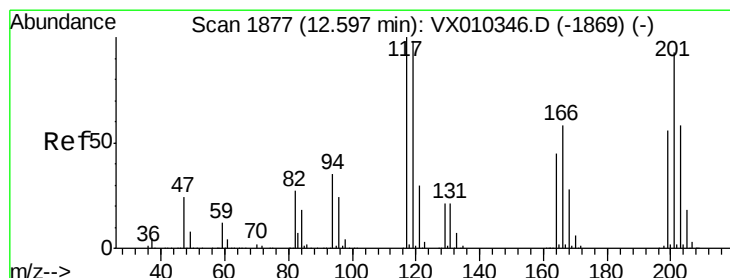
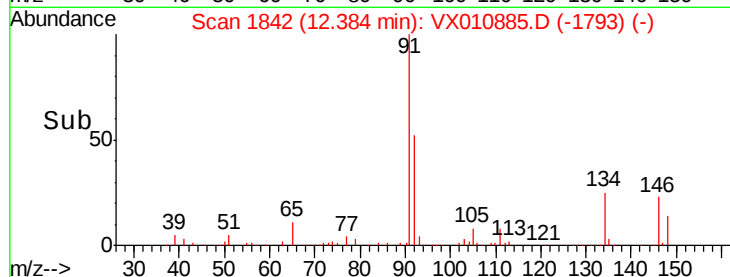
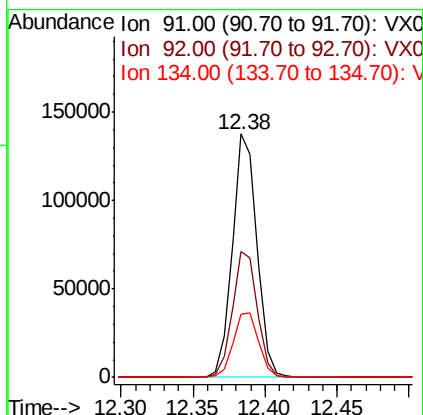
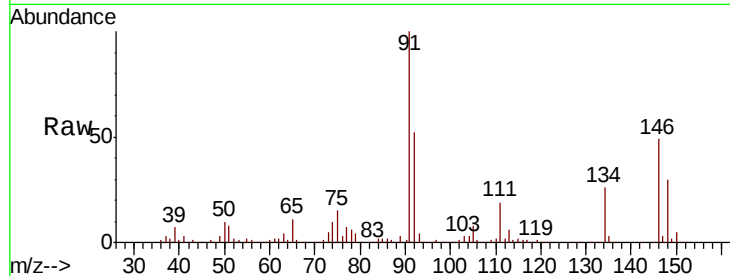




#89
n-Butylbenzene
Concen: 17.162 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

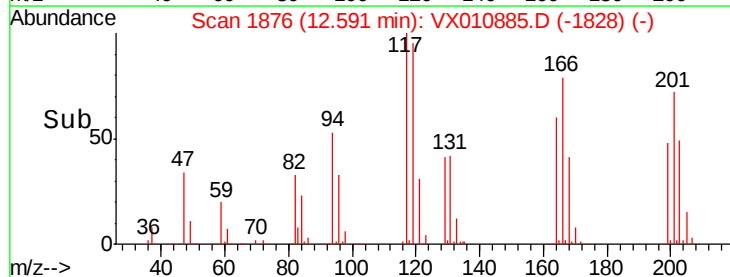
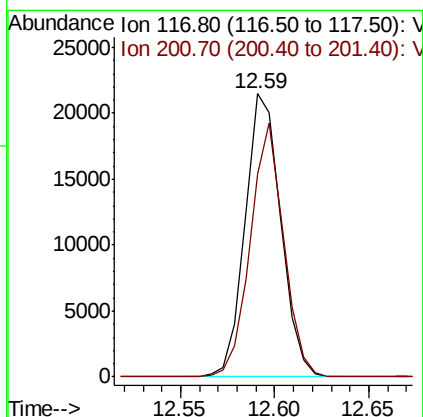
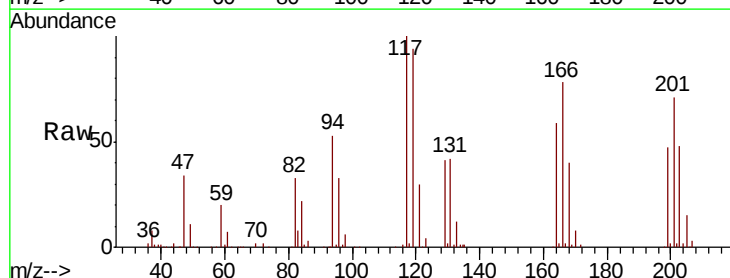
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

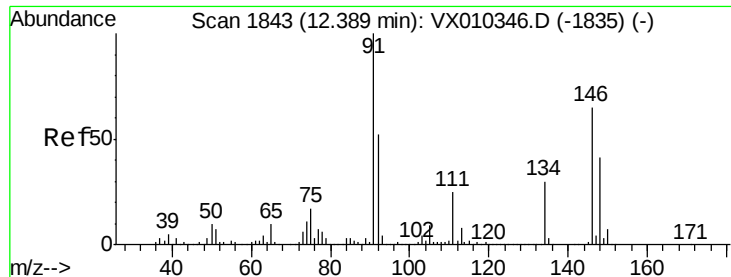
Tot Ion: 91 Resp: 164692
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 27.6 14.1 42.4



#90
Hexachloroethane
Concen: 14.418 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 117 Resp: 28154
Ion Ratio Lower Upper
117 100
201 83.8 44.0 131.8

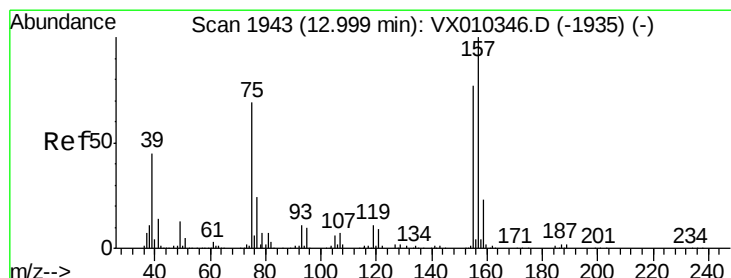
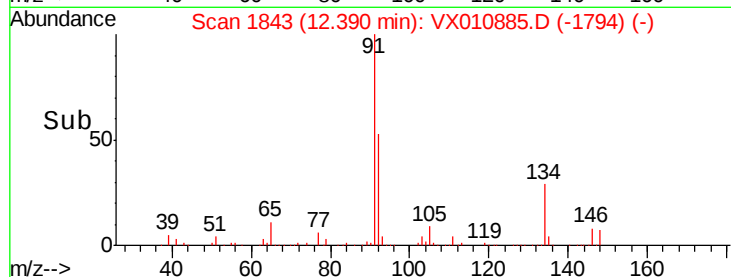
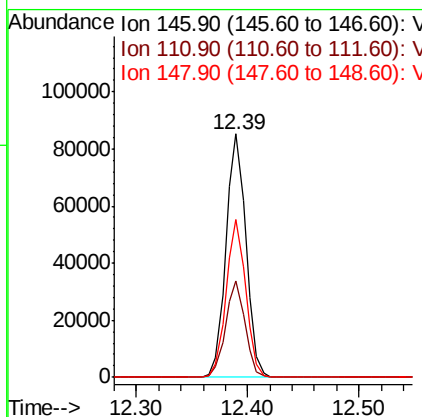
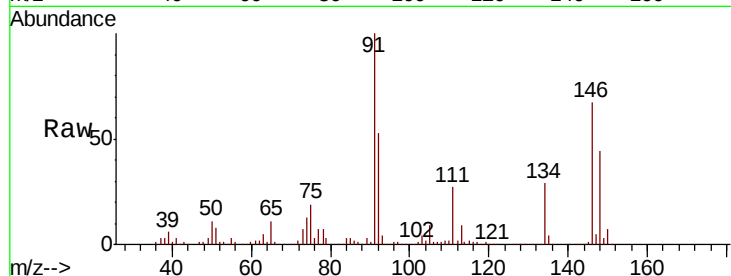




#91
 1,2-Dichlorobenzene
 Concen: 17.337 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

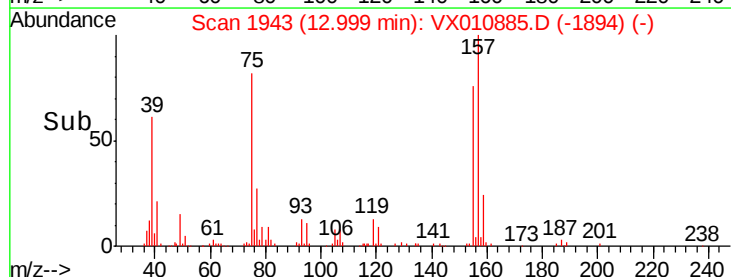
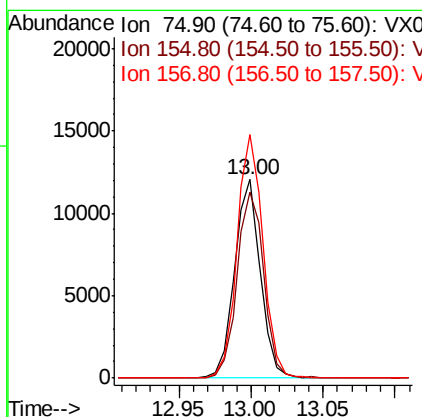
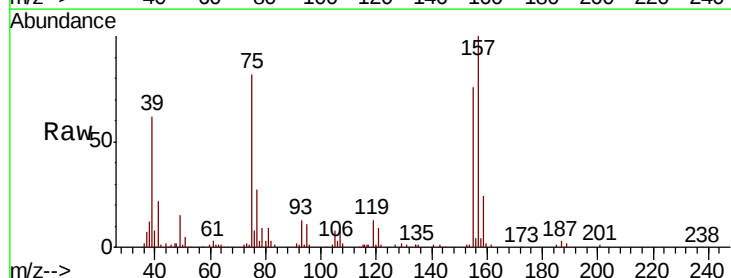
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion:146 Resp: 105542
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.807 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion: 75 Resp: 15081
 Ion Ratio Lower Upper
 75 100
 155 96.3 54.4 163.1
 157 122.5 69.5 208.3





#93

1,2,4-Trichlorobenzene

Concen: 16.541 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

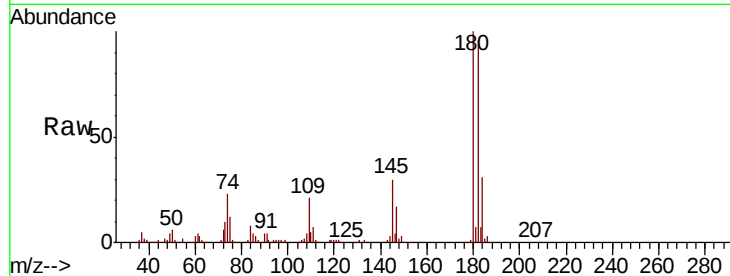
Tot Ion:180 Resp: 69830

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

145 30.0 14.4 43.4

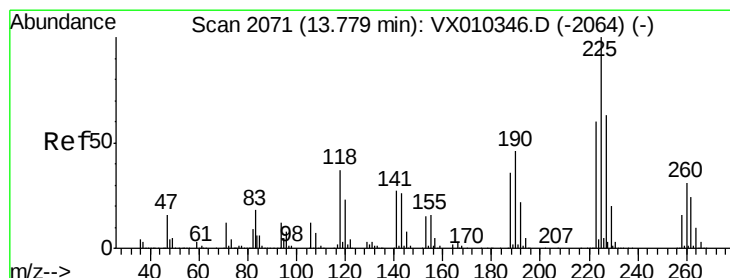
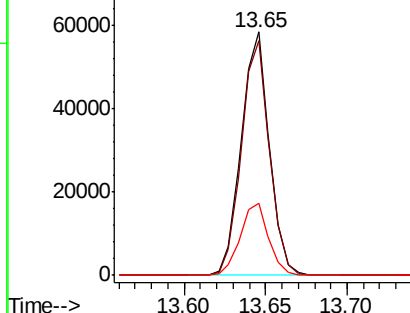
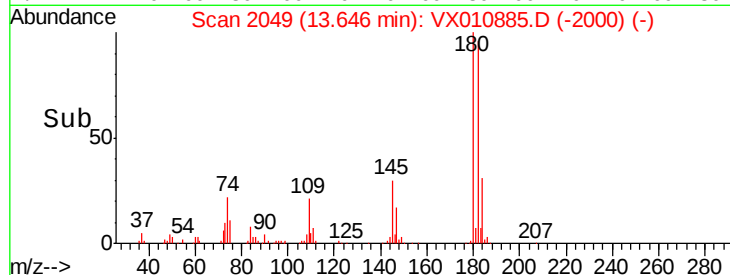


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.424 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

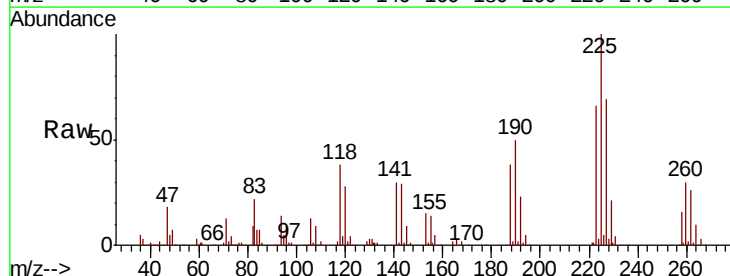
Tgt Ion:225 Resp: 33888

Ion Ratio Lower Upper

225 100

223 65.3 30.9 92.7

227 66.3 31.9 95.5

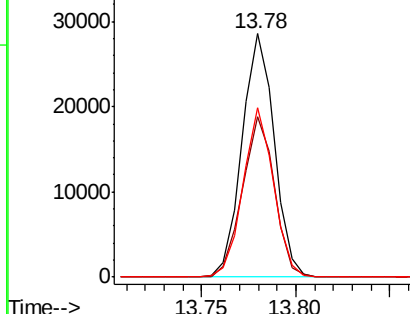
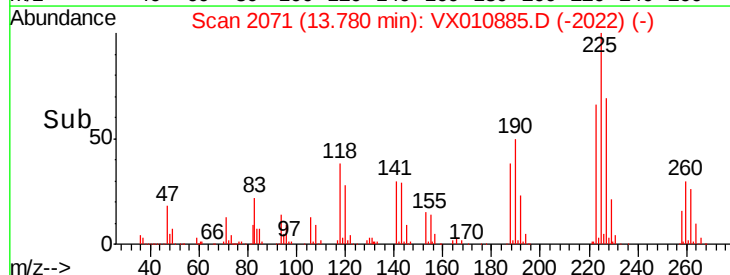


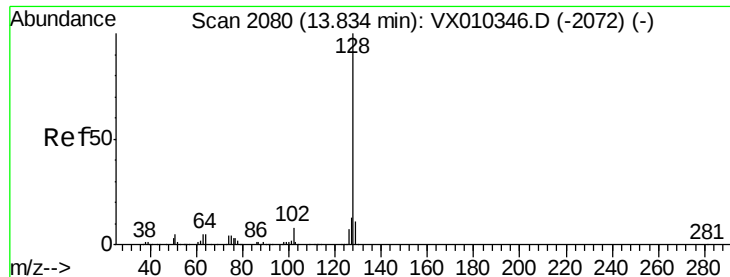
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.561 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

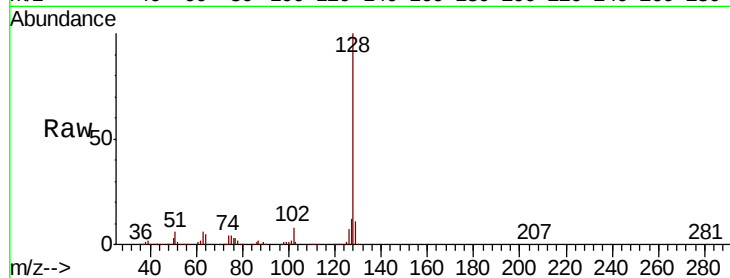
Tot Ion:128 Resp: 214851

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.9 13.3

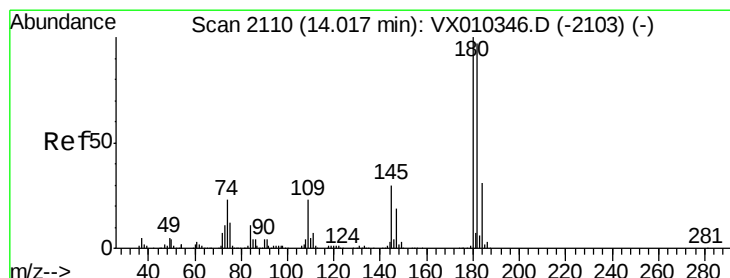
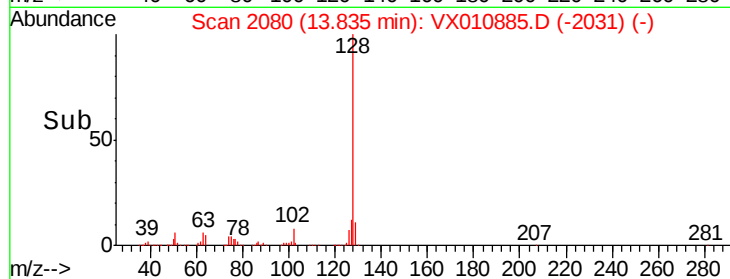
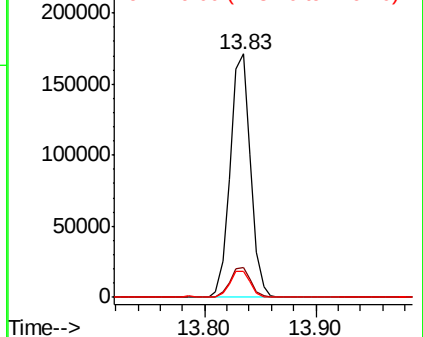


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.774 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

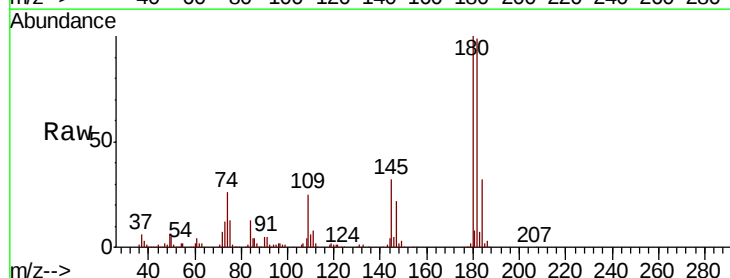
Tgt Ion:180 Resp: 70409

Ion Ratio Lower Upper

180 100

182 96.9 47.8 143.3

145 31.6 15.2 45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

