

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010854.D
 Acq On : 12 Jul 2019 22:39
 Operator : JC/SP
 Sample : VX0712MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Quant Time: Jul 13 05:13:50 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	203937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92552	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	86230	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.71	98	316514	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.13	95	116368	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	30285	21.360	ug/l	99
3) Chloromethane	1.33	50	32655	19.779	ug/l	96
4) Vinyl Chloride	1.41	62	35468	19.614	ug/l	98
5) Bromomethane	1.64	94	21066	23.912	ug/l	100
6) Chloroethane	1.72	64	22645	21.226	ug/l	99
7) Trichlorofluoromethane	1.93	101	61420	21.426	ug/l	100
8) Diethyl Ether	2.19	74	22298	21.691	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34551	19.889	ug/l	97
10) Methyl Iodide	2.51	142	35747	14.419	ug/l	98
11) Tert butyl alcohol	3.04	59	44171	88.282	ug/l	97
12) 1,1-Dichloroethene	2.37	96	34972	19.784	ug/l	97
13) Acrolein	2.29	56	35775	107.785	ug/l	99
14) Allyl chloride	2.73	41	48049	19.146	ug/l	97
15) Acrylonitrile	3.14	53	104093	105.080	ug/l	100
16) Acetone	2.44	43	84863	88.556	ug/l	97
17) Carbon Disulfide	2.57	76	76849	16.205	ug/l	98
18) Methyl Acetate	2.78	43	41239	21.592	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	113896	20.481	ug/l	100
20) Methylene Chloride	2.86	84	40111	20.339	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	36877	19.397	ug/l	97
22) Diisopropyl ether	3.86	45	109787	20.924	ug/l	89
23) Vinyl Acetate	3.81	43	465973	102.799	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61828	20.385	ug/l	98
25) 2-Butanone	4.67	43	140139	99.694	ug/l	96
26) 2,2-Dichloropropane	4.58	77	40599	15.409	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	43421	19.764	ug/l	100
28) Bromochloromethane	5.02	49	26978	18.604	ug/l #	92
29) Tetrahydrofuran	5.13	42	90311	103.723	ug/l	98
30) Chloroform	5.21	83	67822	20.783	ug/l	97
31) Cyclohexane	5.58	56	54952	19.896	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56049	19.452	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47906	19.607	ug/l	98
37) Ethyl Acetate	4.83	43	51911	20.653	ug/l	98
38) Carbon Tetrachloride	5.79	117	47126	17.812	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59180	18.427	ug/l	96
40) Benzene	6.14	78	150594	19.784	ug/l	97
41) Methacrylonitrile	5.05	41	28225	20.466	ug/l	98
42) 1,2-Dichloroethane	6.20	62	49596	21.405	ug/l	99
43) Isopropyl Acetate	6.45	43	81284	19.546	ug/l	99
44) Trichloroethene	7.21	130	43475	19.087	ug/l	95
45) 1,2-Dichloropropane	7.51	63	38570	20.065	ug/l	93
46) Dibromomethane	7.66	93	27115	19.661	ug/l	98
47) Bromodichloromethane	7.90	83	47021	18.604	ug/l	98
48) Methyl methacrylate	7.77	41	39561	20.466	ug/l	98
49) 1,4-Dioxane	7.74	88	24434	438.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	279256	104.996	ug/l	98
52) Toluene	8.78	92	99336	19.817	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47091	16.619	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54604	17.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41170	19.914	ug/l	99
56) Ethyl methacrylate	9.18	69	61413	19.610	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64719	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	132014	88.757	ug/l	100
59) 2-Hexanone	9.49	43	217828	104.061	ug/l	98
60) Dibromochloromethane	9.58	129	40323	17.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43986	19.712	ug/l	99
64) Tetrachloroethene	9.34	164	42194	18.534	ug/l	98
65) Chlorobenzene	10.13	112	110773	19.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38148	18.328	ug/l	100
67) Ethyl Benzene	10.25	91	188655	19.556	ug/l	100
68) m/p-Xylenes	10.36	106	146460	39.182	ug/l	99
69) o-Xylene	10.69	106	71100	19.342	ug/l	98
70) Styrene	10.71	104	121182	19.658	ug/l	98
71) Bromoform	10.85	173	28567	15.782	ug/l #	97
73) Isopropylbenzene	11.02	105	192755	19.554	ug/l	98
74) N-amyl acetate	10.90	43	73992	19.861	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	65483	20.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66050	24.925	ug/l	81
77) Bromobenzene	11.26	156	51682	18.776	ug/l	98
78) n-propylbenzene	11.36	91	208997	19.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	124258	19.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158150	19.461	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14501	12.766	ug/l #	81
82) 4-Chlorotoluene	11.51	91	142812	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	155873	19.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	160171	19.618	ug/l	100
85) sec-Butylbenzene	11.94	105	185912	19.413	ug/l	99
86) p-Isopropyltoluene	12.06	119	168478	19.019	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89616	18.652	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90055	18.411	ug/l	98
89) n-Butylbenzene	12.38	91	139104	18.480	ug/l	99
90) Hexachloroethane	12.60	117	23550	15.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	93096	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12903	18.332	ug/l	90

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

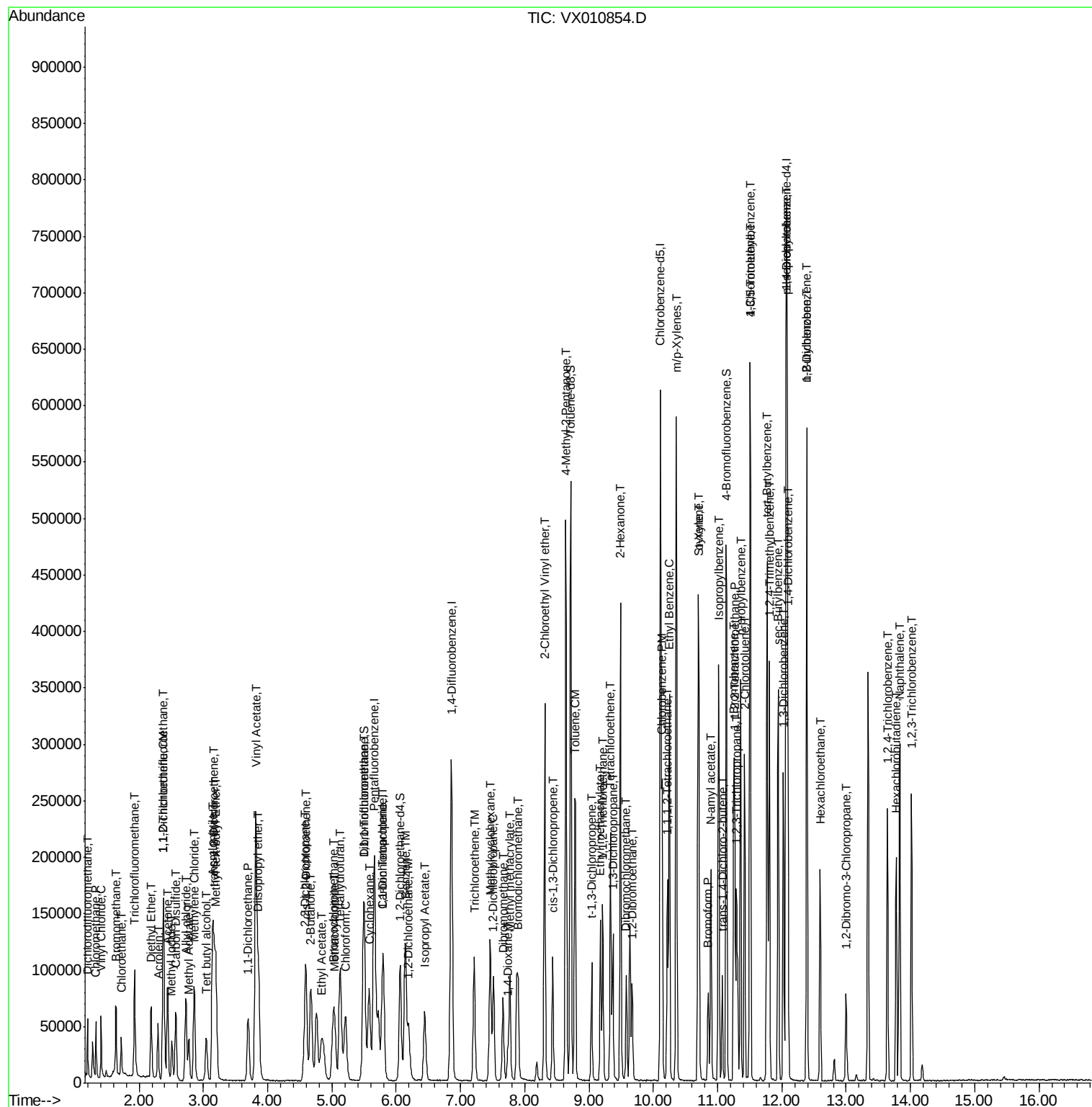
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60277	18.202	ug/l	99
94) Hexachlorobutadiene	13.78	225	28965	17.896	ug/l	98
95) Naphthalene	13.83	128	192988	18.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62094	18.859	ug/l	99

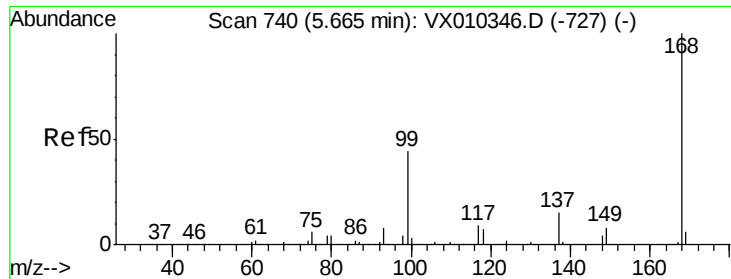
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010854.D
 Acq On : 12 Jul 2019 22:39
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 Sample : VX0712MBS01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

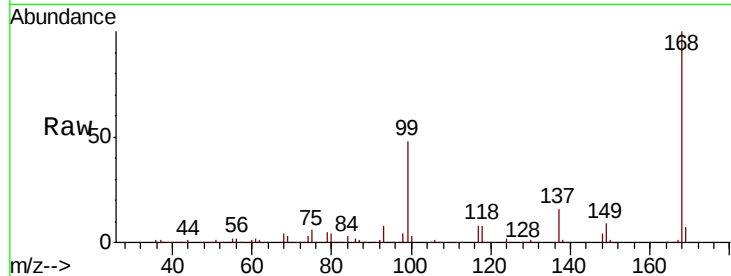
VX0712MBS01

Tot Ion:168 Resp: 203937

Ion Ratio Lower Upper

168 100

99 48.3 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

80000

60000

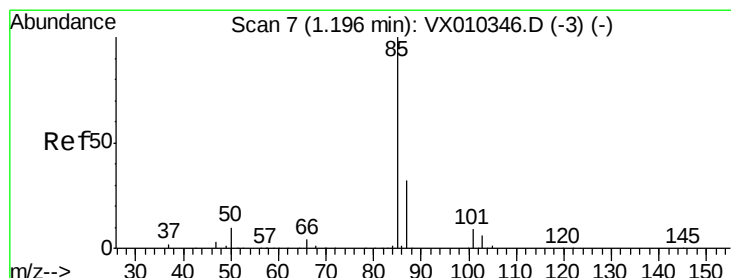
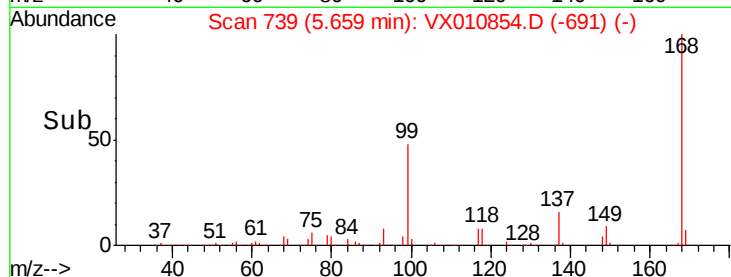
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.360 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010854.D

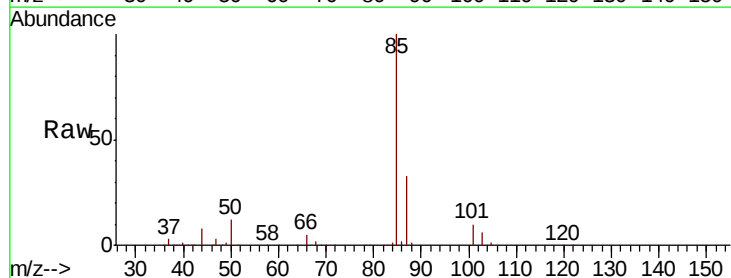
Acq: 12 Jul 2019 22:39

Tgt Ion: 85 Resp: 30285

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

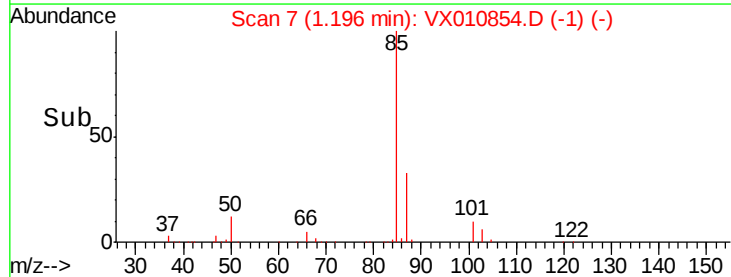
20000

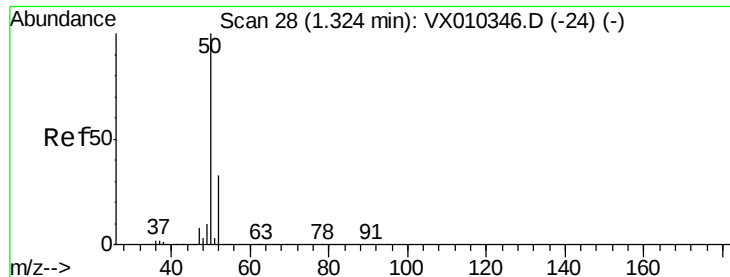
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.779 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

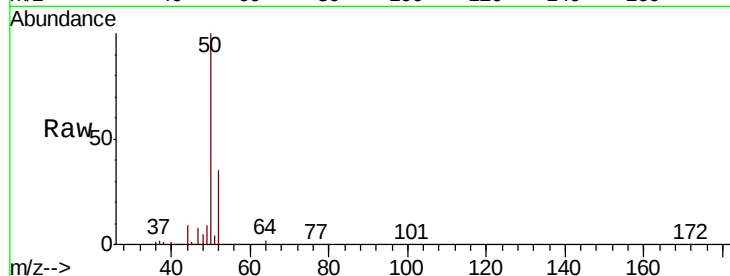
VX0712MBS01

Tot Ion: 50 Resp: 32655

Ion Ratio Lower Upper

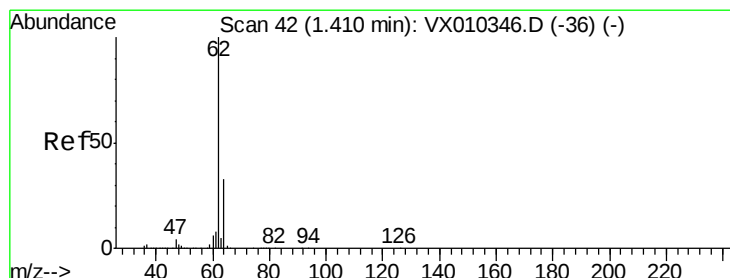
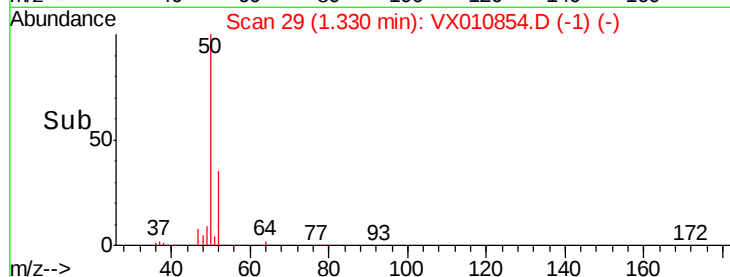
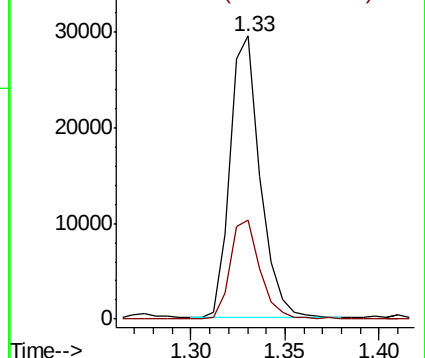
50 100

52 35.1 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: 19.614 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010854.D

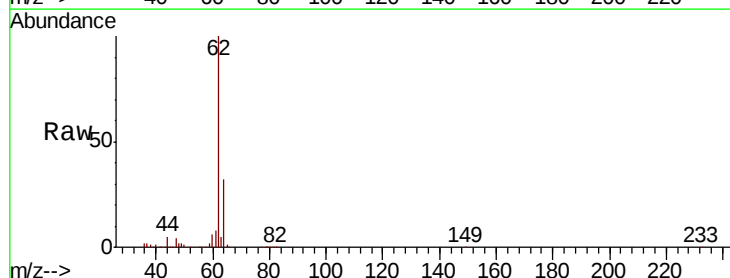
Acq: 12 Jul 2019 22:39

Tgt Ion: 62 Resp: 35468

Ion Ratio Lower Upper

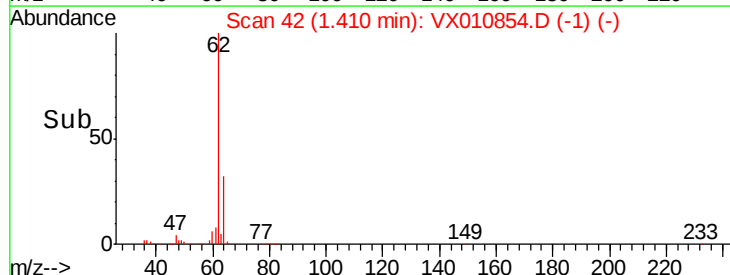
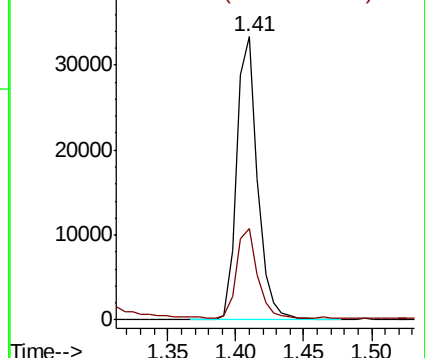
62 100

64 31.6 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: 23.912 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

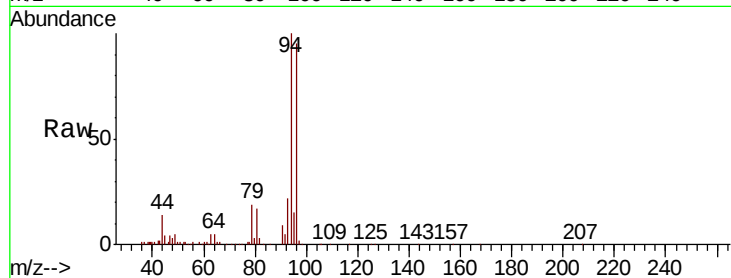
VX0712MBS01

Tot Ion: 94 Resp: 21066

Ion Ratio Lower Upper

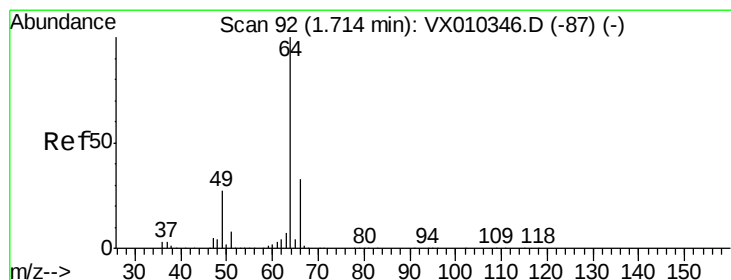
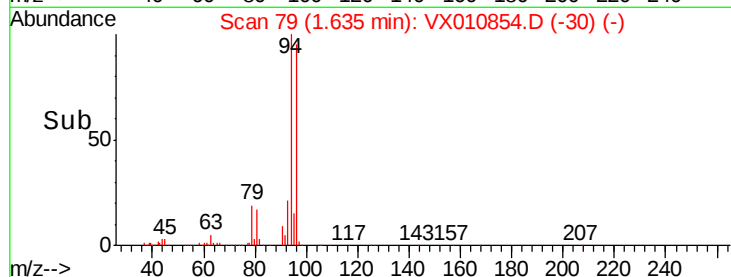
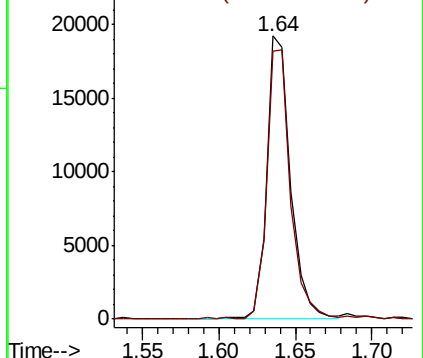
94 100

96 94.7 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: 21.226 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010854.D

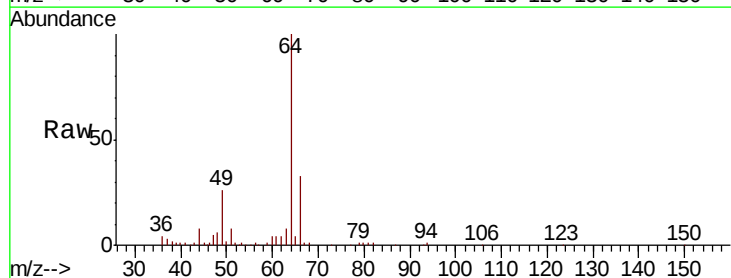
Acq: 12 Jul 2019 22:39

Tgt Ion: 64 Resp: 22645

Ion Ratio Lower Upper

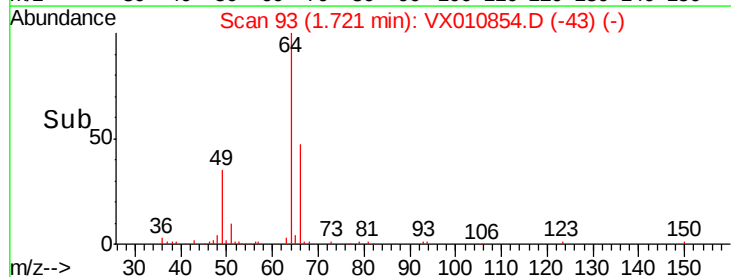
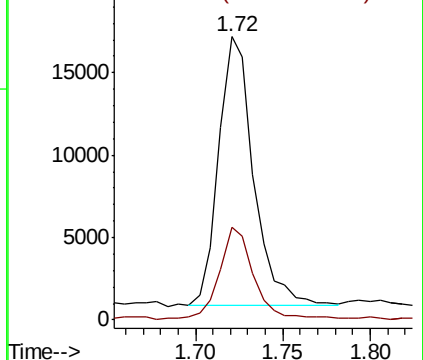
64 100

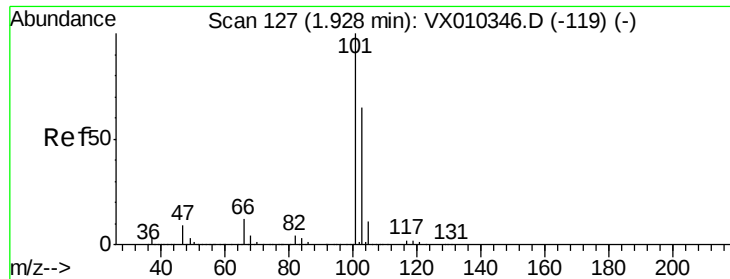
66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



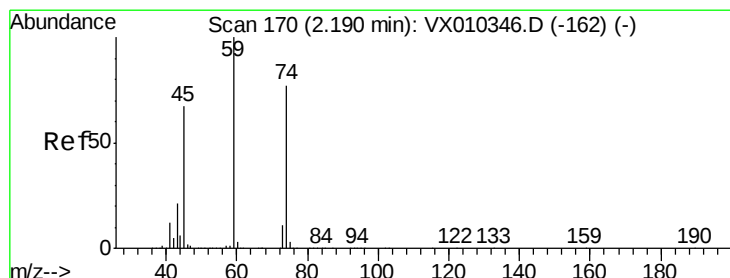
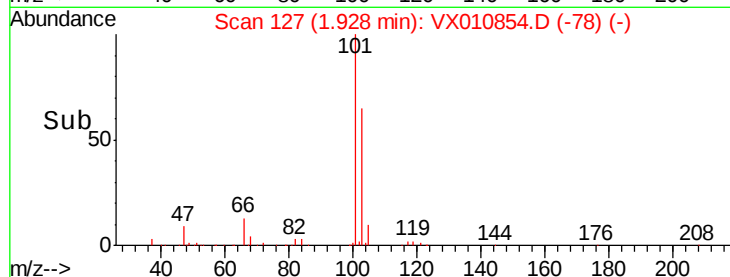
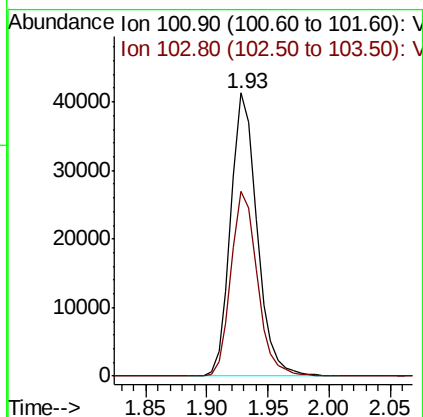
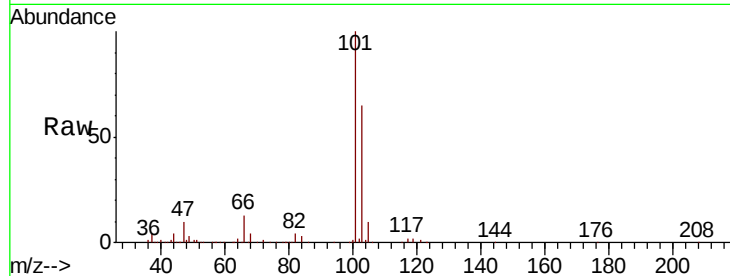


#7

Trichlorofluoromethane
 Concen: 21.426 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

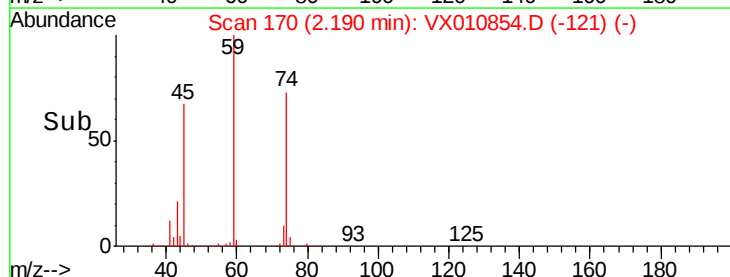
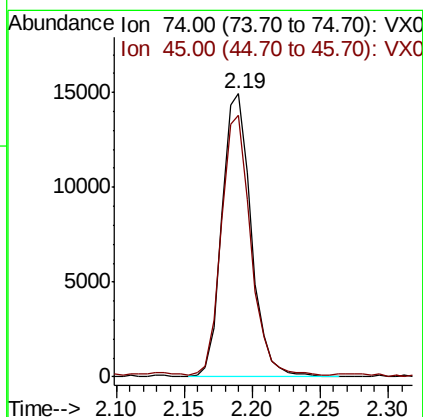
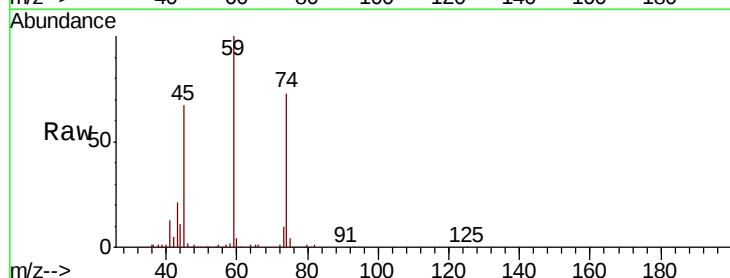
Tot Ion:101 Resp: 61420
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5



#8

Diethyl Ether
 Concen: 21.691 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 74 Resp: 22298
 Ion Ratio Lower Upper
 74 100
 45 94.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.889 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

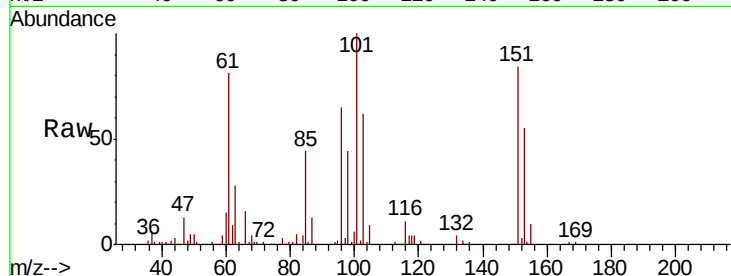
Tot Ion:101 Resp: 34551

Ion Ratio Lower Upper

101 100

85 43.7 33.7 50.5

151 84.0 70.1 105.1

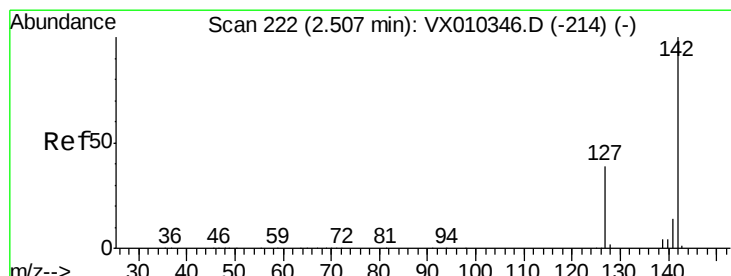
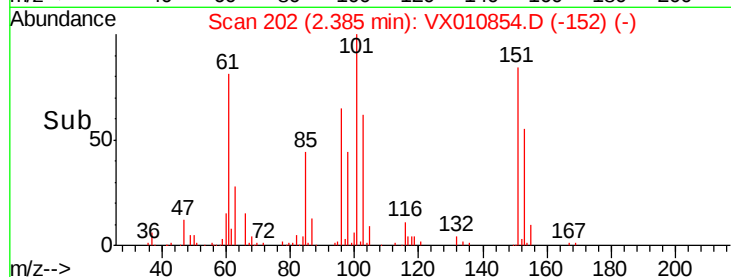
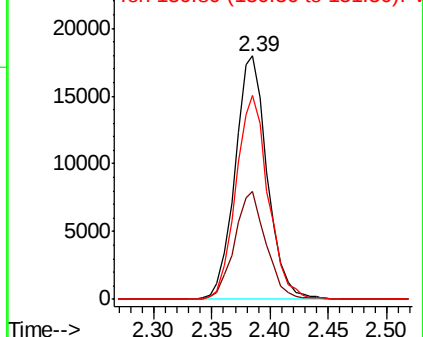


Abundance

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: 14.419 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

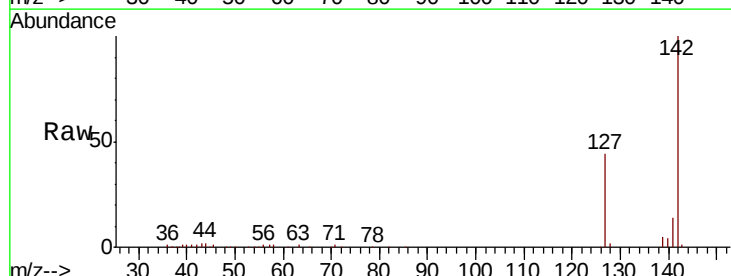
Tgt Ion:142 Resp: 35747

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

141 14.0 11.2 16.8

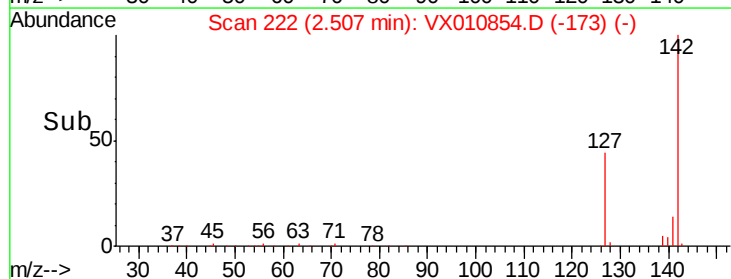
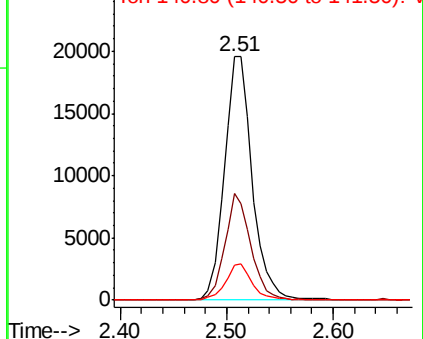


Abundance

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: 88.282 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

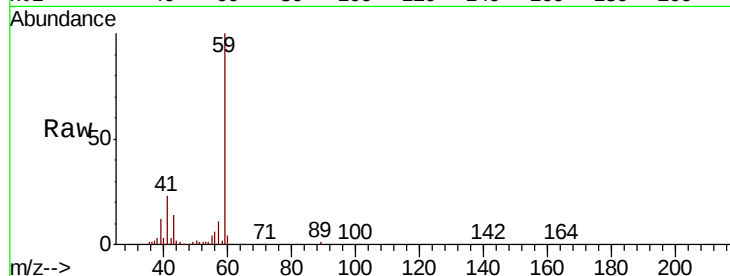
VX0712MBS01

Tot Ion: 59 Resp: 44171

Ion Ratio Lower Upper

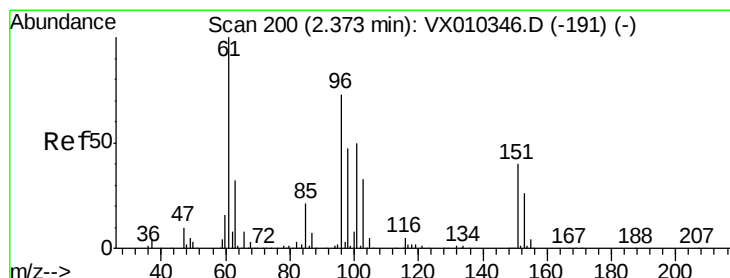
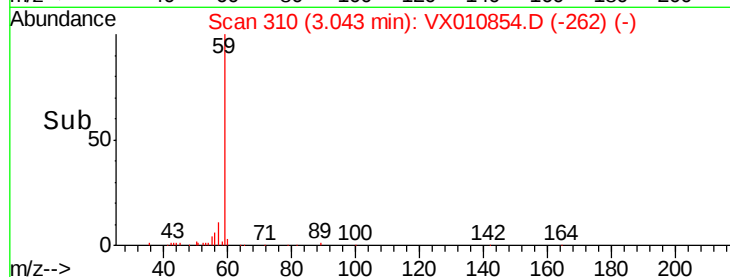
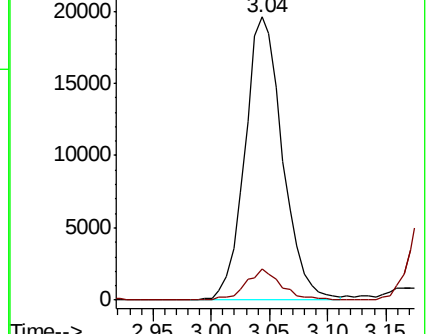
59 100

57 10.5 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.784 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

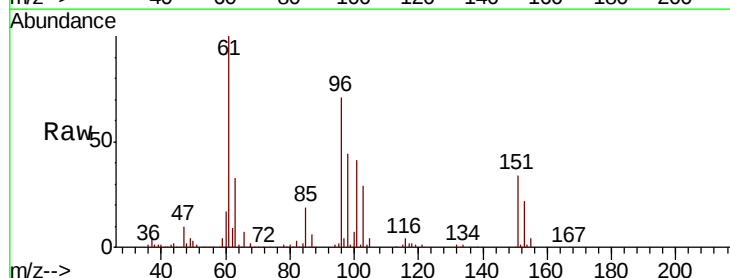
Tgt Ion: 96 Resp: 34972

Ion Ratio Lower Upper

96 100

61 140.8 109.2 163.8

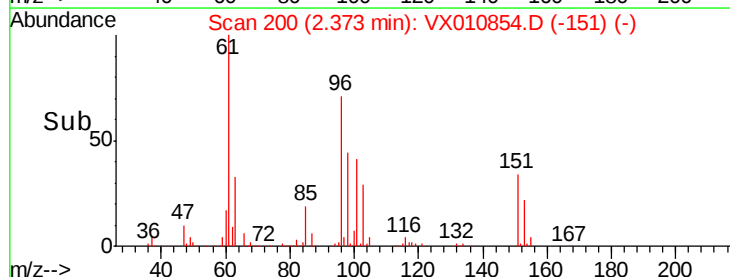
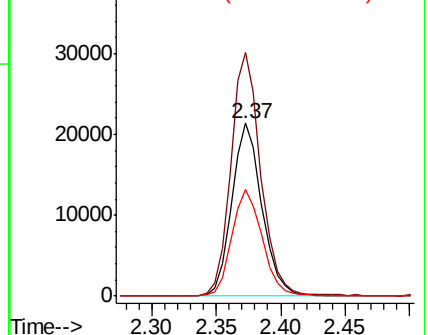
98 61.8 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 107.785 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

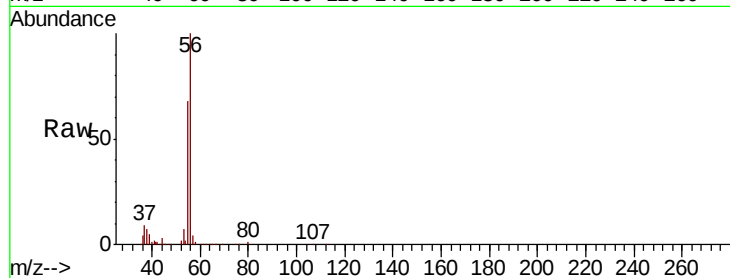
VX0712MBS01

Tot Ion: 56 Resp: 35775

Ion Ratio Lower Upper

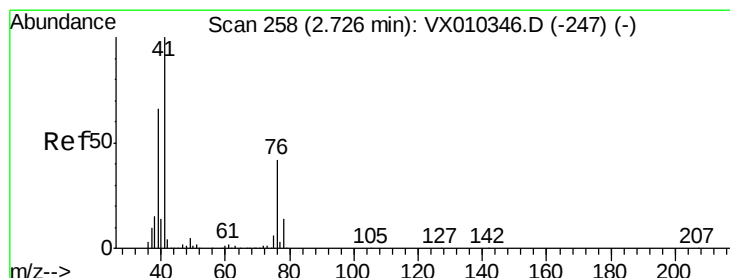
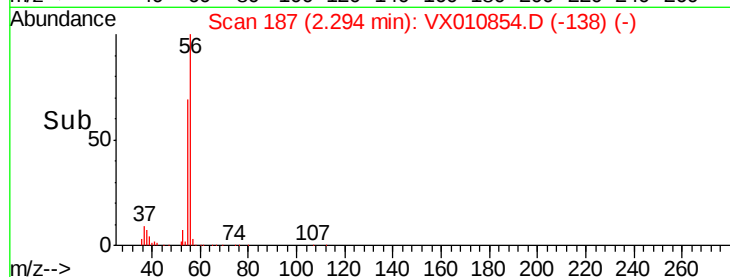
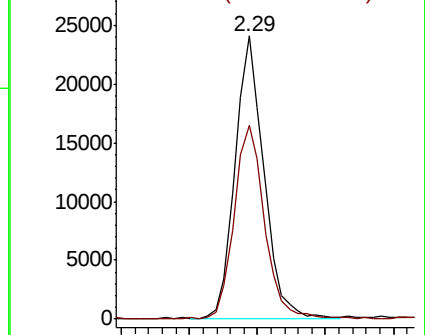
56 100

55 72.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.146 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

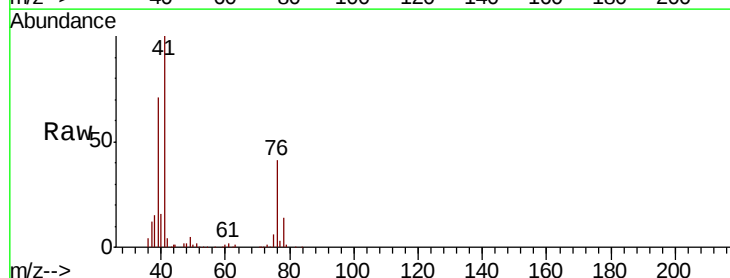
Tgt Ion: 41 Resp: 48049

Ion Ratio Lower Upper

41 100

39 65.2 50.3 75.5

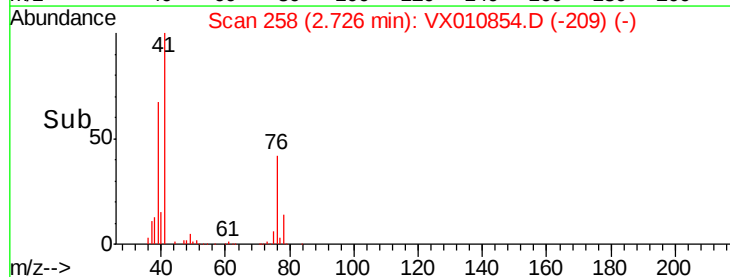
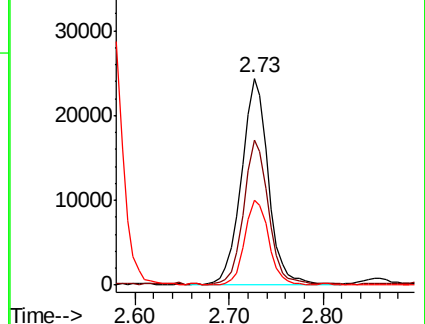
76 36.8 31.3 46.9

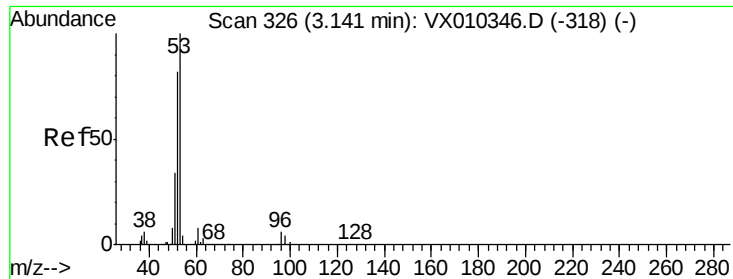


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

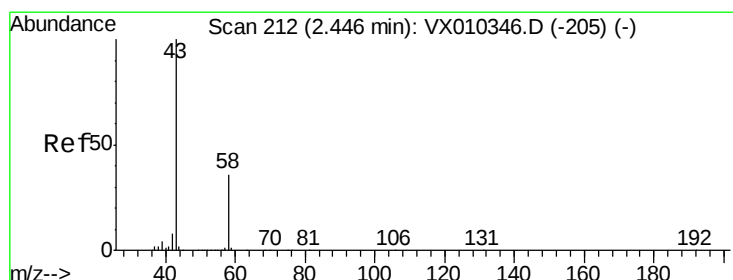
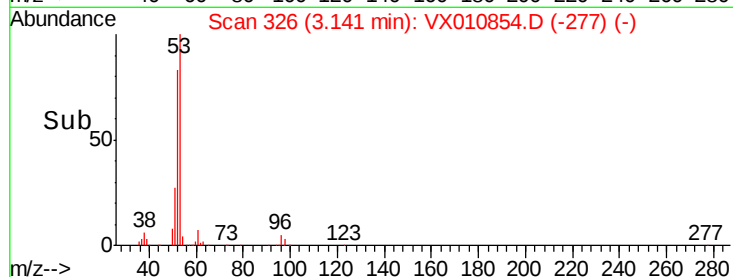
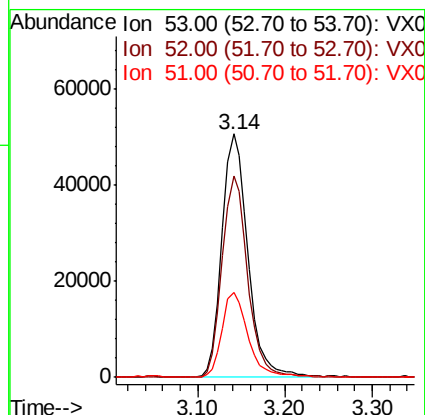
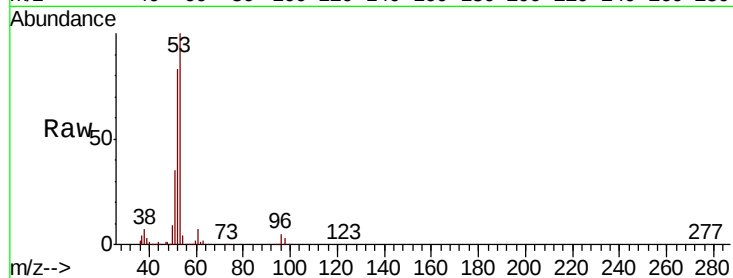




#15
 Acrylonitrile
 Concen: 105.080 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

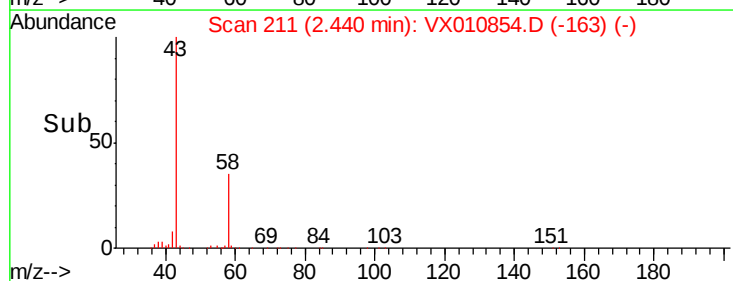
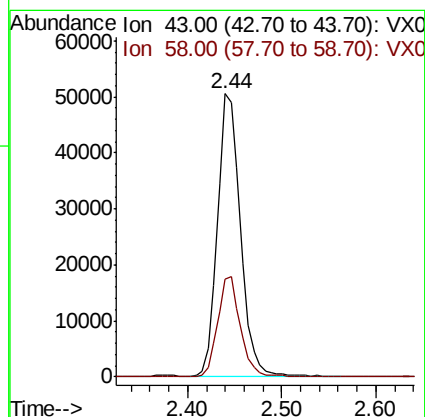
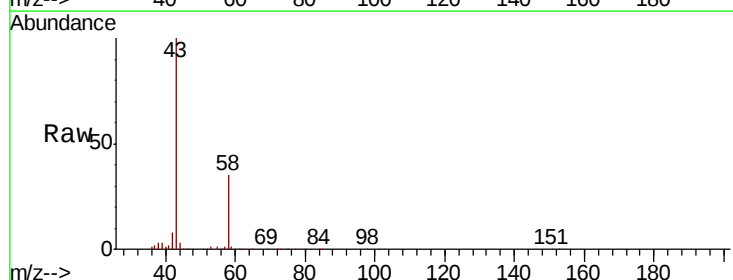
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion: 53 Resp: 104093
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.5 98.3
 51 35.6 28.2 42.4



#16
 Acetone
 Concen: 88.556 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 43 Resp: 84863
 Ion Ratio Lower Upper
 43 100
 58 34.6 28.9 43.3

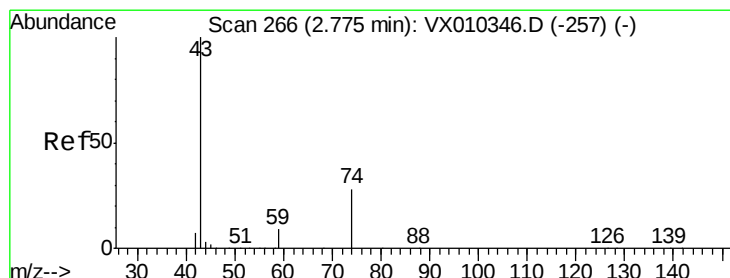
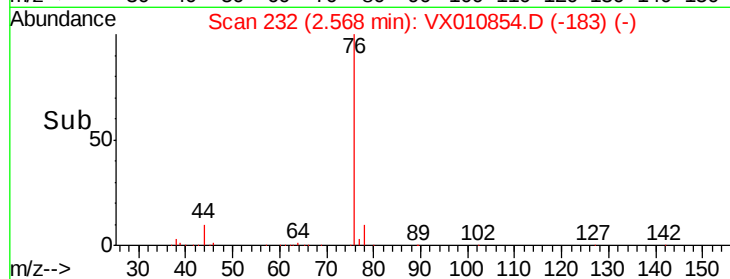
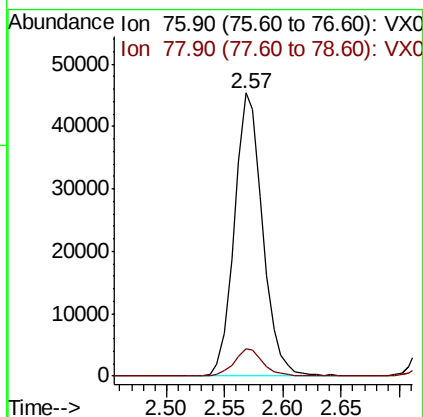
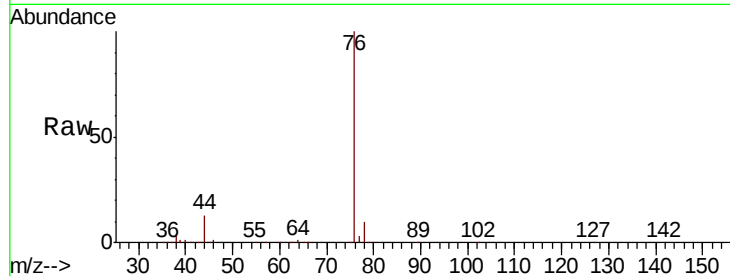




#17
Carbon Disulfide
Concen: 16.205 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

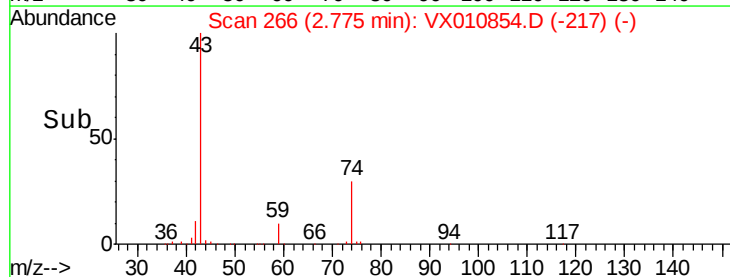
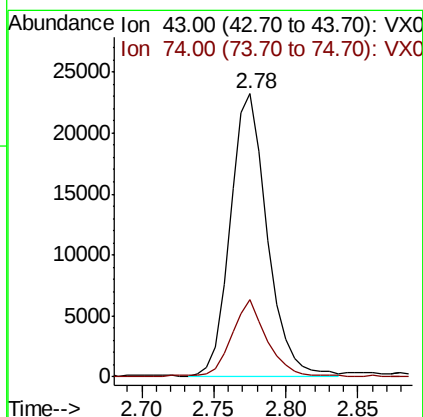
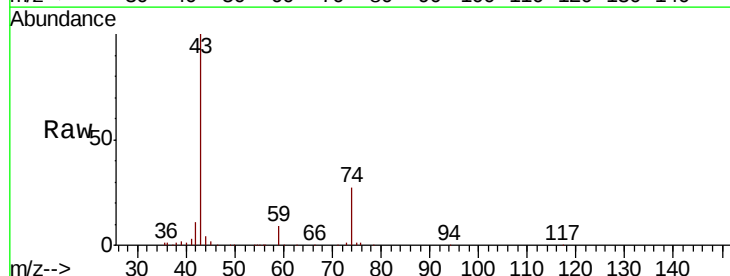
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

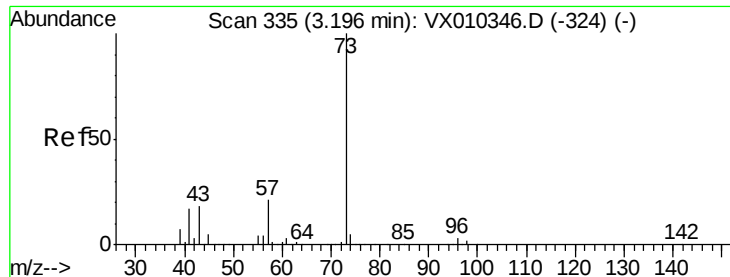
Tot Ion: 76 Resp: 76849
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 21.592 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 43 Resp: 41239
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9



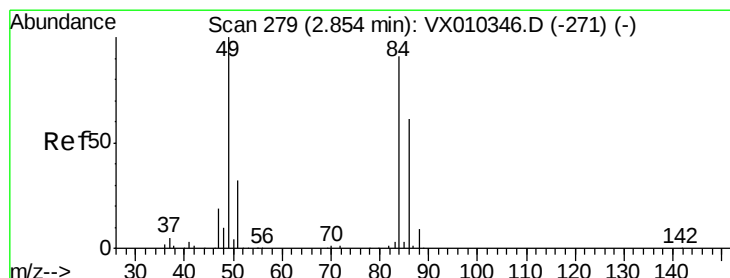
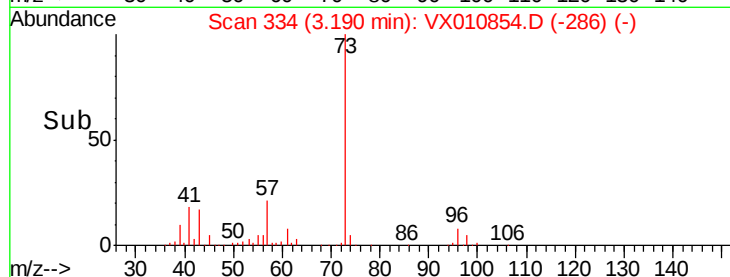
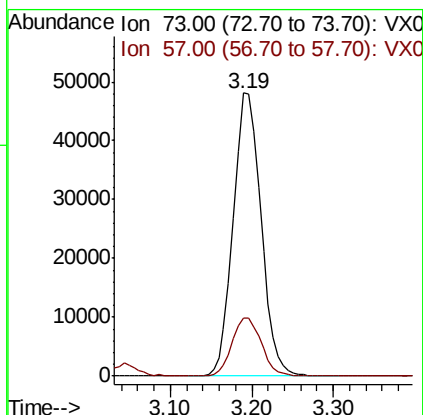
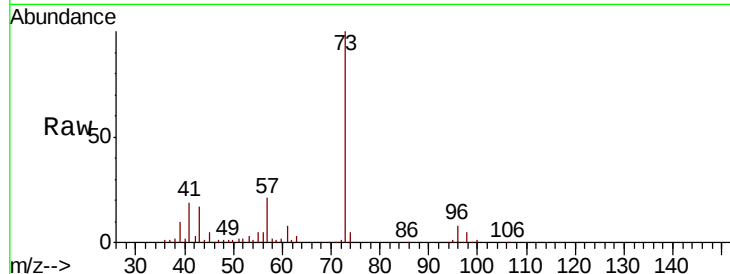


#19

Methyl tert-butyl Ether
 Concen: 20.481 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0712MBS01

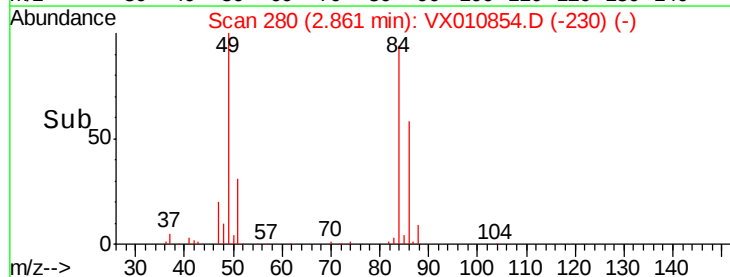
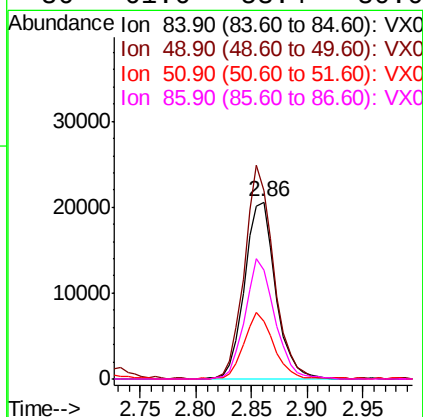
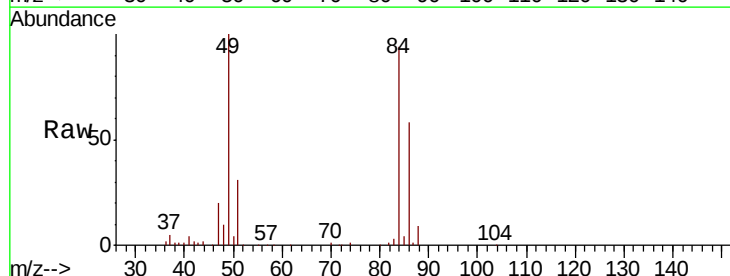
Tot Ion: 73 Resp: 113896
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.4 24.6

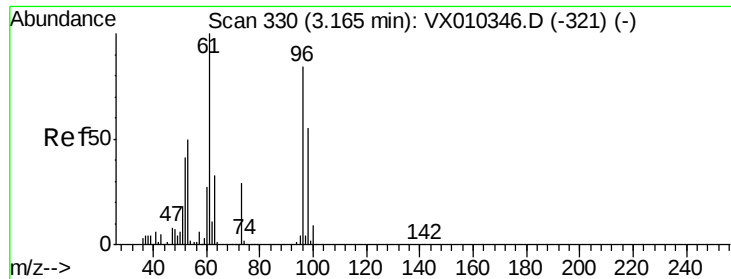


#20

Methylene Chloride
 Concen: 20.339 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 84 Resp: 40111
 Ion Ratio Lower Upper
 84 100
 49 106.3 87.5 131.3
 51 32.4 27.7 41.5
 86 61.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.397 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

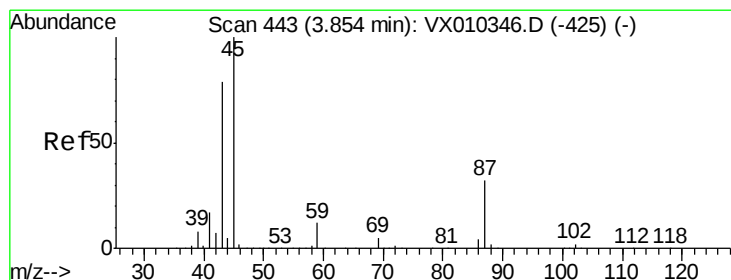
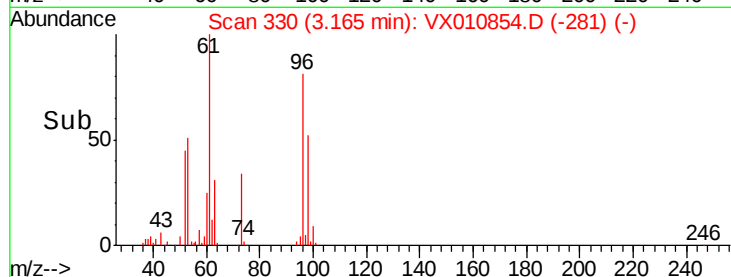
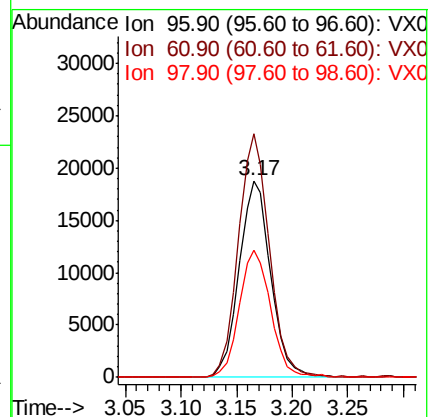
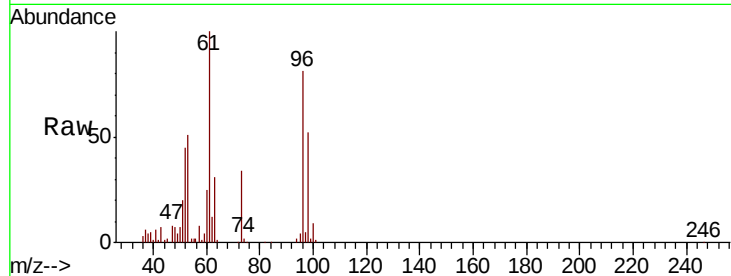
Tot Ion: 96 Resp: 36877

Ion Ratio Lower Upper

96 100

61 123.7 95.6 143.4

98 65.0 52.5 78.7



#22

Diisopropyl ether

Concen: 20.924 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion: 45 Resp: 109787

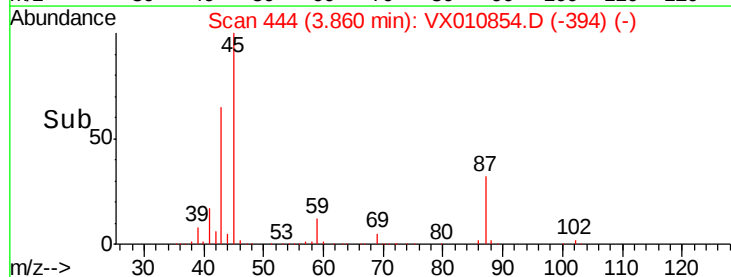
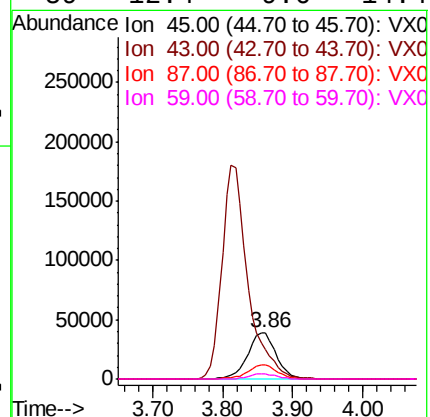
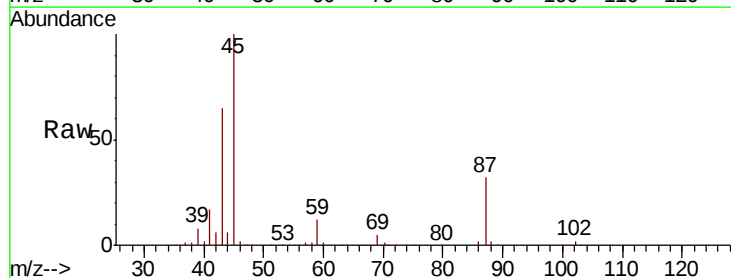
Ion Ratio Lower Upper

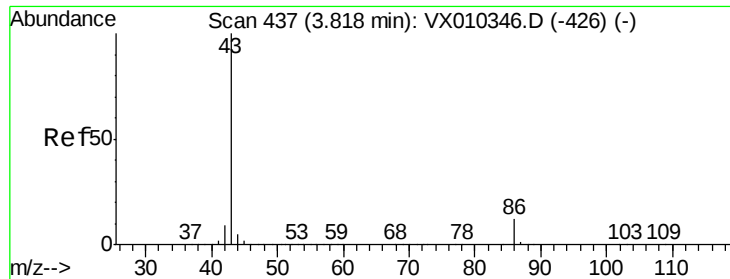
45 100

43 64.8 63.3 94.9

87 31.8 25.8 38.8

59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 102.799 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

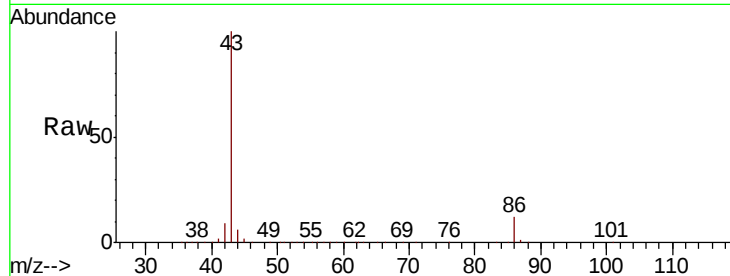
VX0712MBS01

Tot Ion: 43 Resp: 465973

Ion Ratio Lower Upper

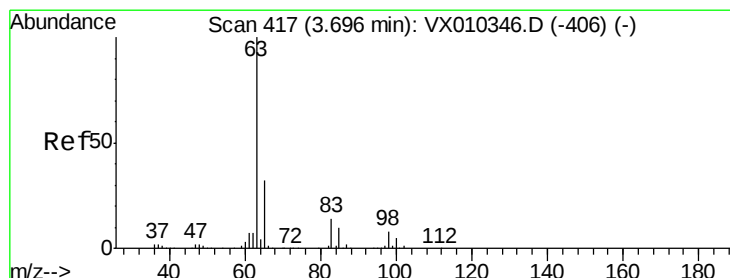
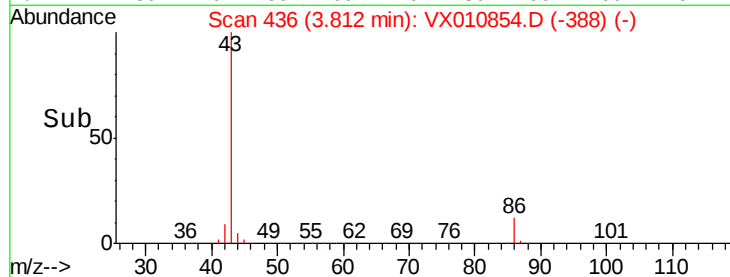
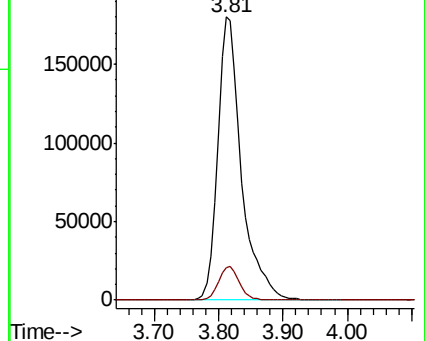
43 100

86 11.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.385 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

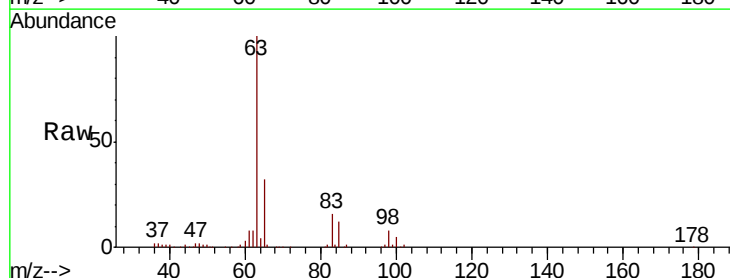
Tgt Ion: 63 Resp: 61828

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

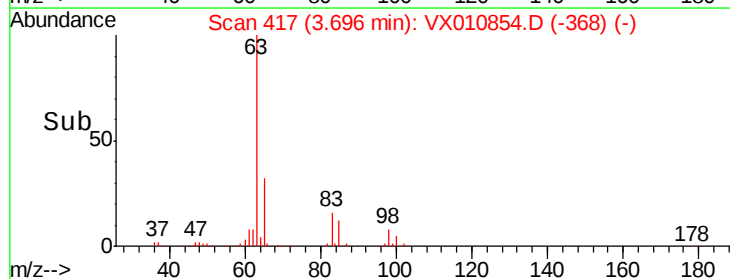
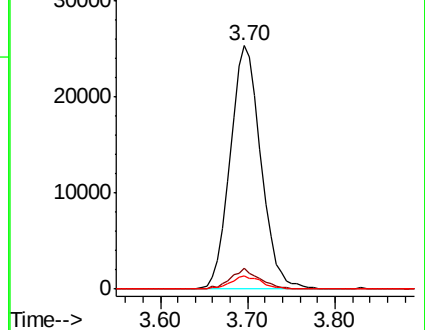
100 5.3 2.4 7.1

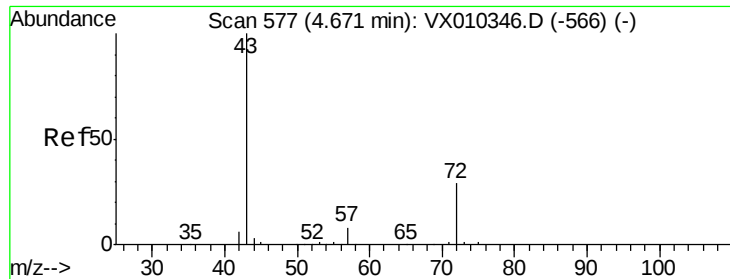


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

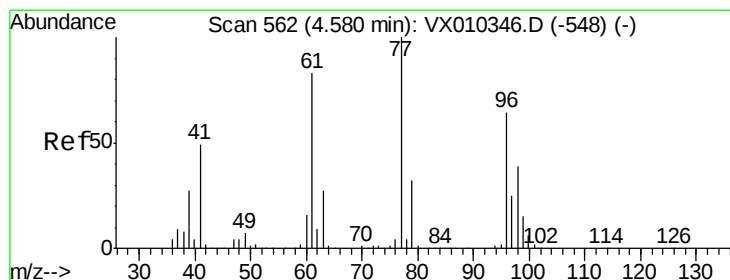
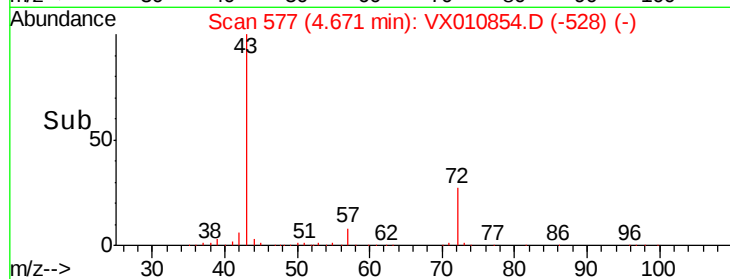
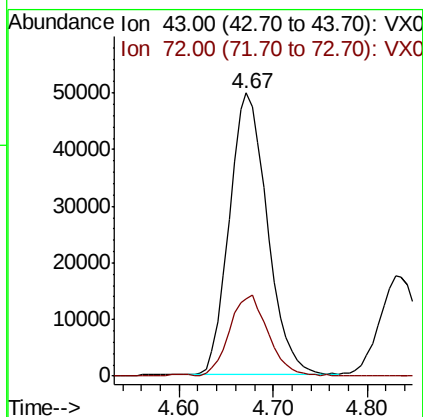
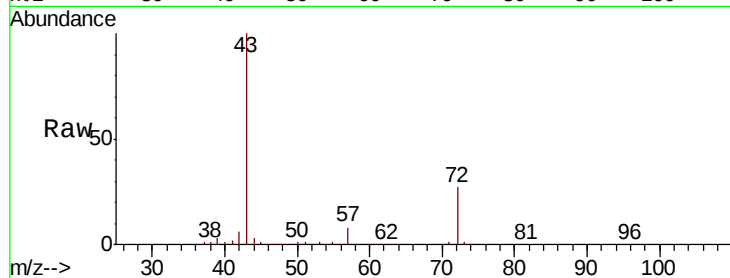




#25
2-Butanone
Concen: 99.694 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

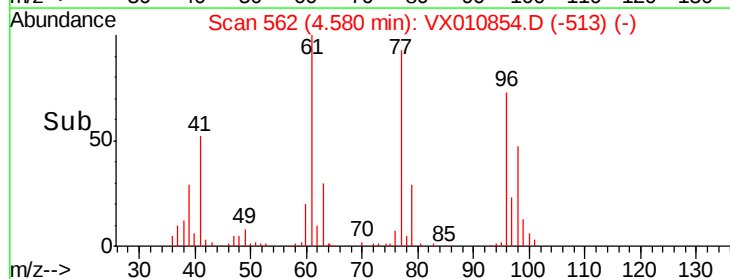
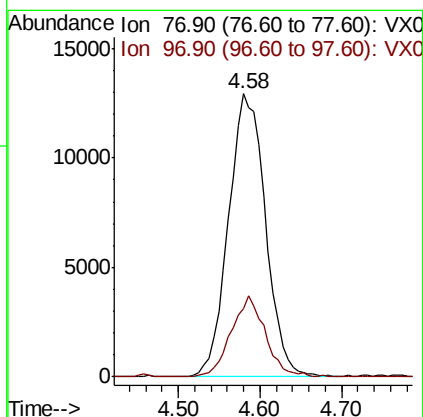
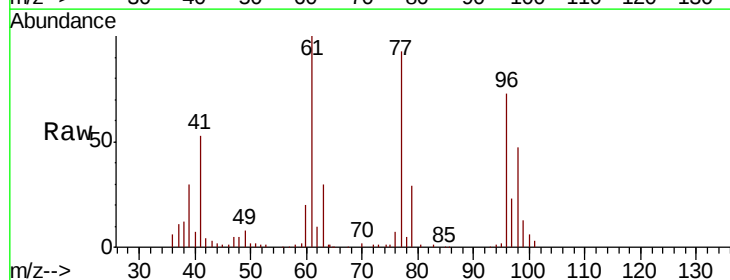
Instrument :
MSVOA_X
ClientSampled :
VX0712MBS01

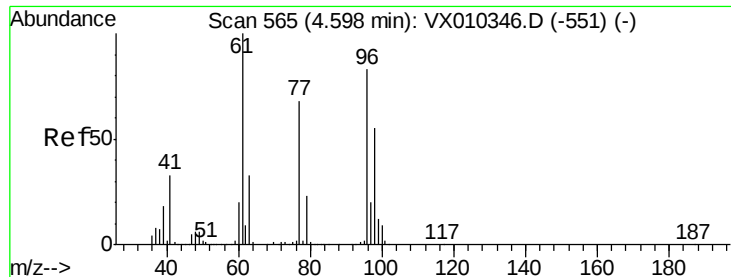
Tot Ion: 43 Resp: 140139
Ion Ratio Lower Upper
43 100
72 27.2 23.3 34.9



#26
2,2-Dichloropropane
Concen: 15.409 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 77 Resp: 40599
Ion Ratio Lower Upper
77 100
97 26.3 13.1 39.3



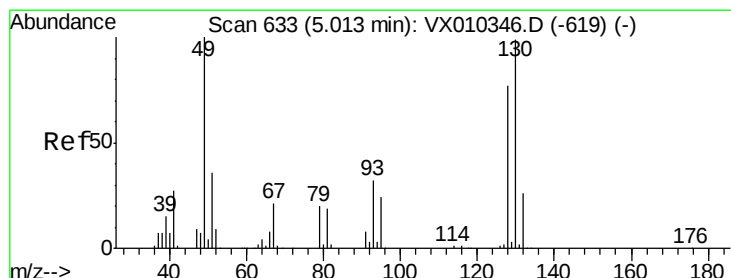
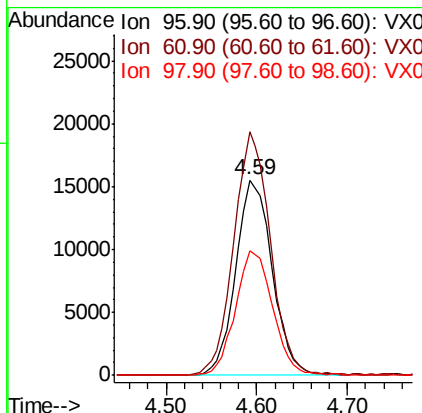
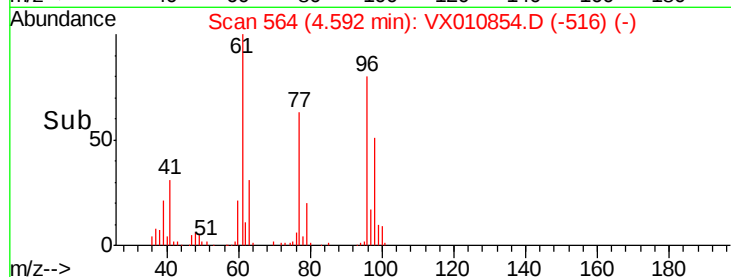
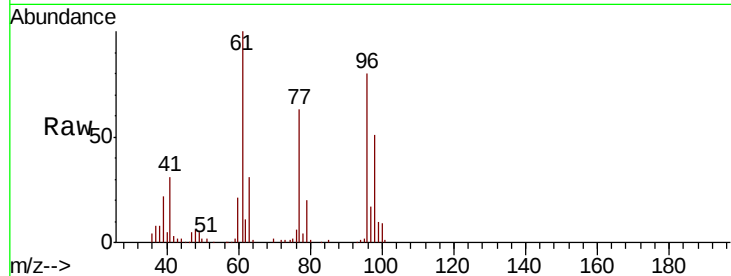


#27

cis-1,2-Dichloroethene
 Concen: 19.764 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

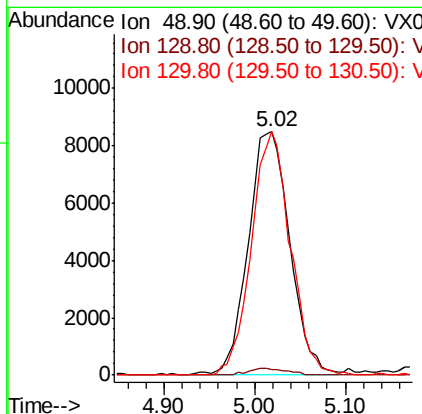
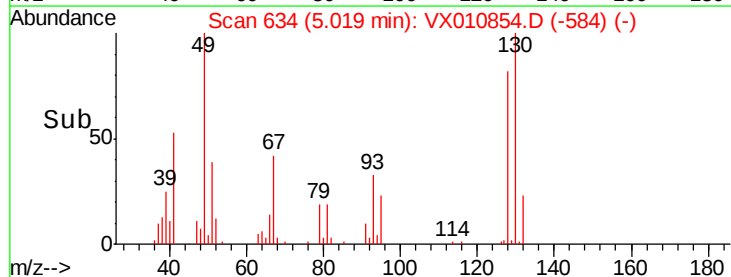
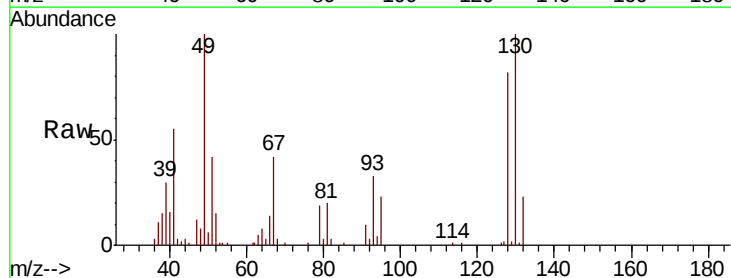
Tot Ion: 96 Resp: 43421
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 251.8
 98 64.8 0.0 129.4

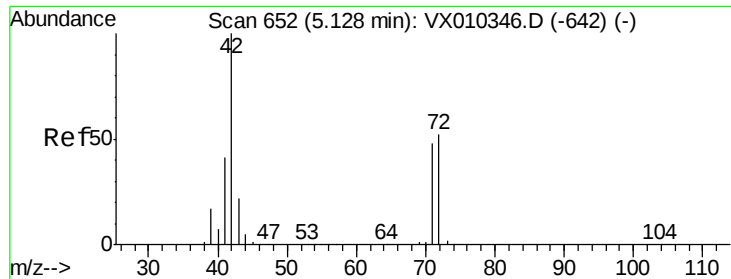


#28

Bromochloromethane
 Concen: 18.604 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 49 Resp: 26978
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.6
 130 93.2 81.4 122.0





#29

Tetrahydrofuran

Concen: 103.723 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

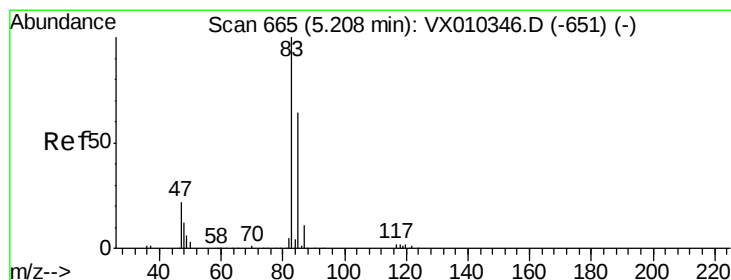
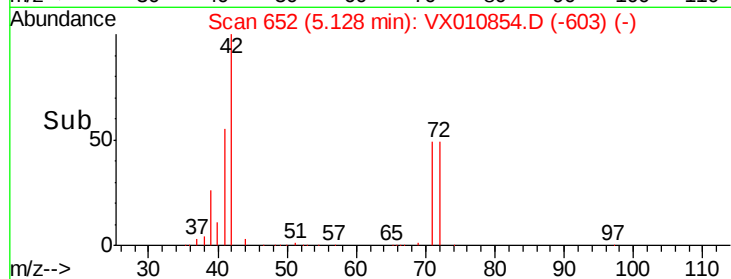
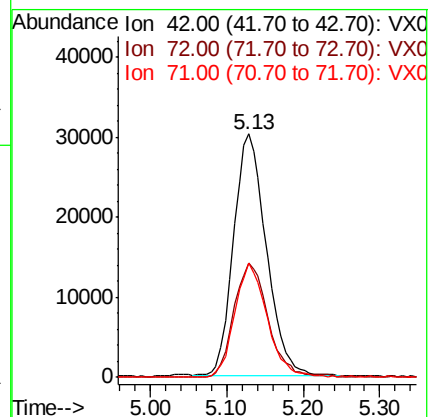
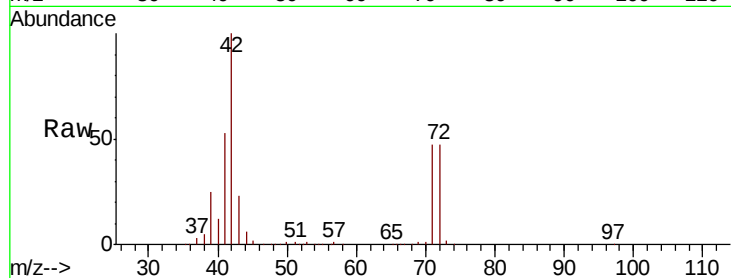
Tot Ion: 42 Resp: 90311

Ion Ratio Lower Upper

42 100

72 48.8 40.6 60.8

71 46.5 37.8 56.8



#30

Chloroform

Concen: 20.783 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX010854.D

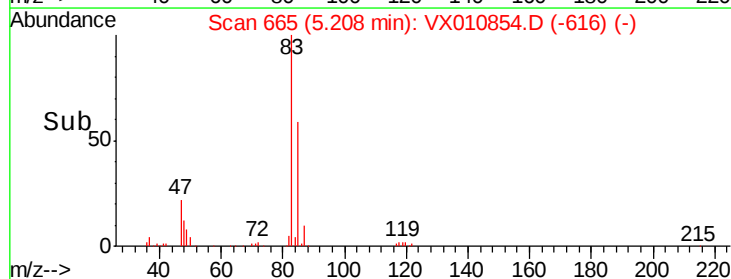
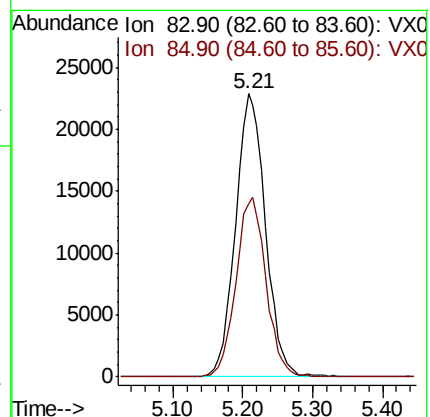
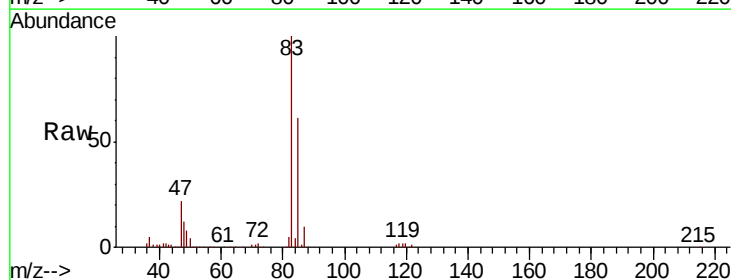
Acq: 12 Jul 2019 22:39

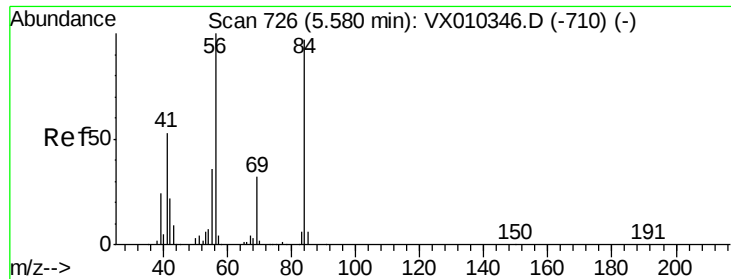
Tgt Ion: 83 Resp: 67822

Ion Ratio Lower Upper

83 100

85 61.2 50.9 76.3

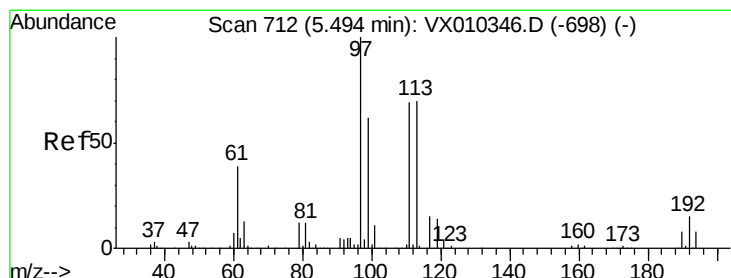
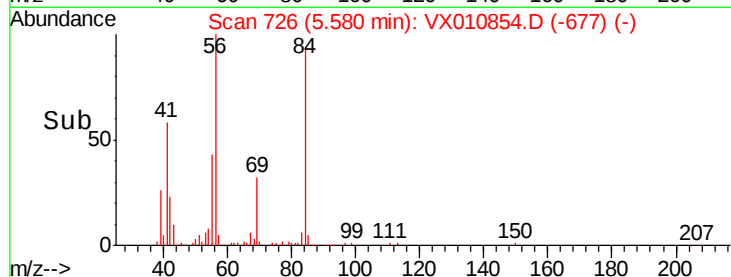
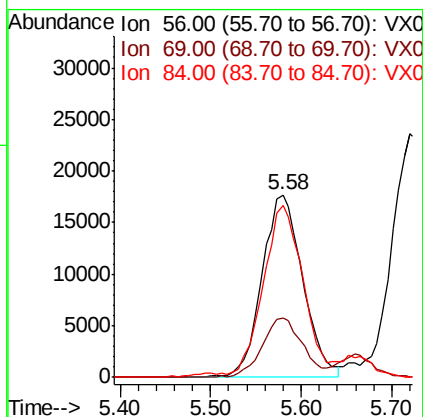
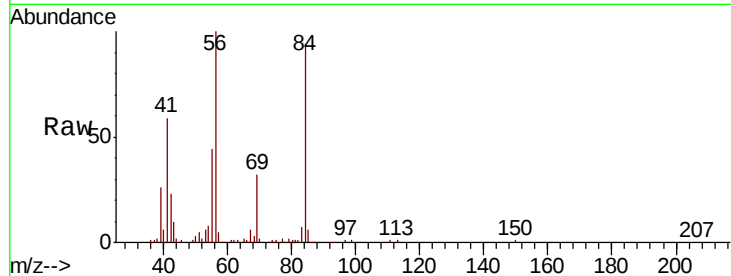




#31
Cyclohexane
Concen: 19.896 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

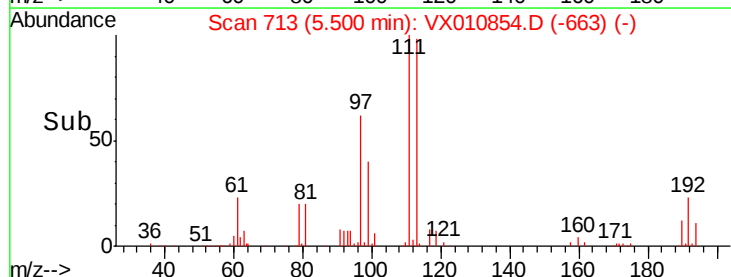
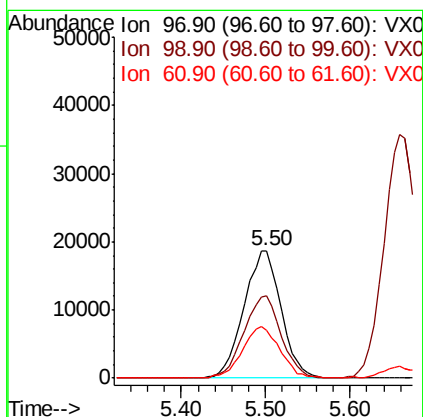
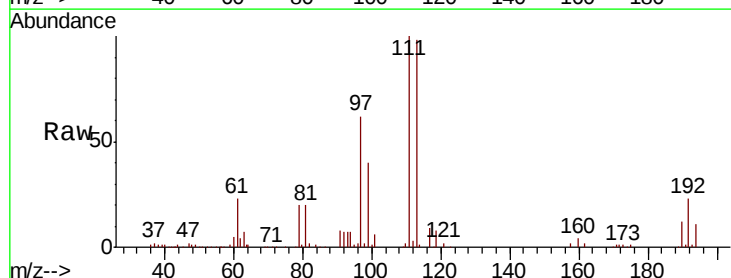
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

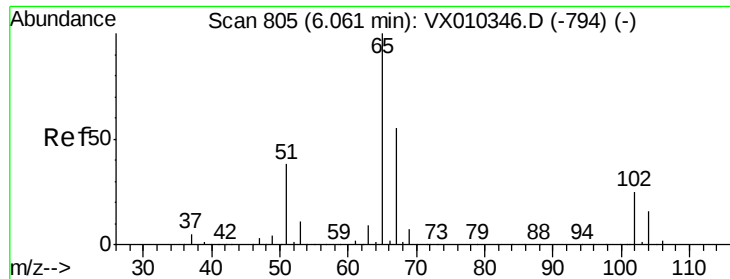
Tot Ion: 56 Resp: 54952
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 93.2 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 19.452 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 97 Resp: 56049
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 41.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 48.403 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

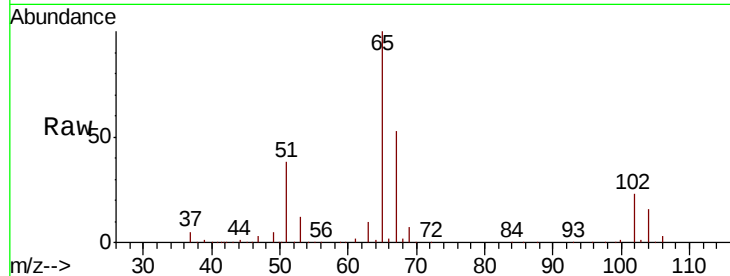
VX0712MBS01

Tot Ion: 65 Resp: 92552

Ion Ratio Lower Upper

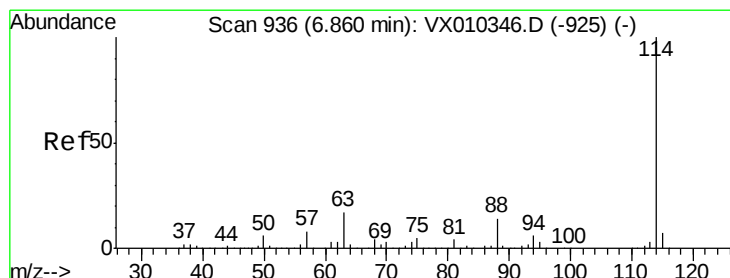
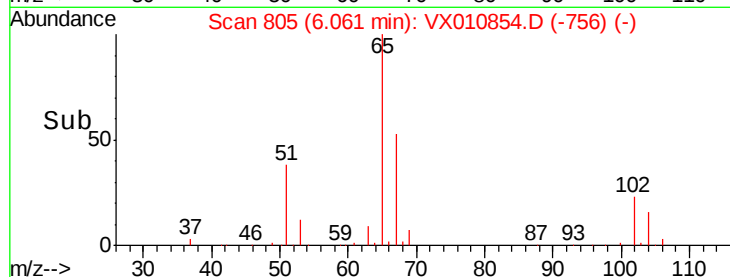
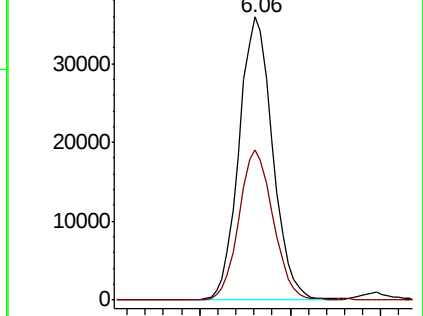
65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

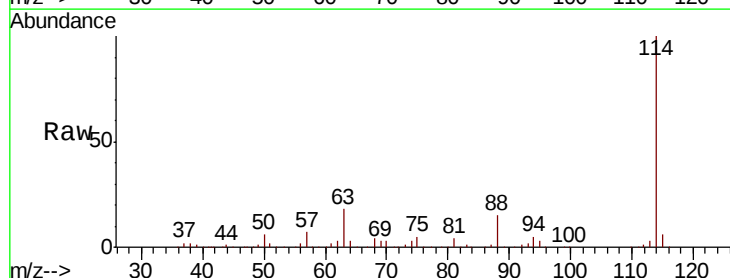
Tgt Ion: 114 Resp: 307463

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

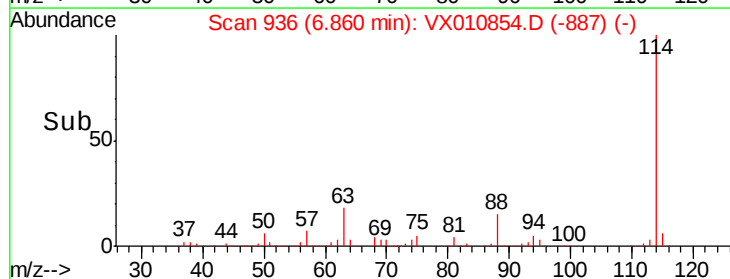
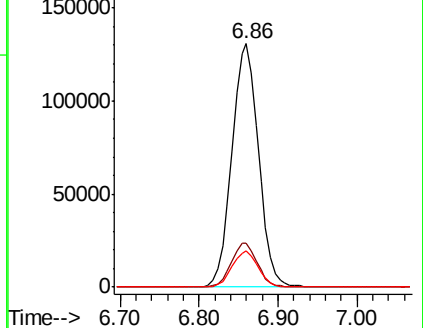
88 14.9 0.0 27.6

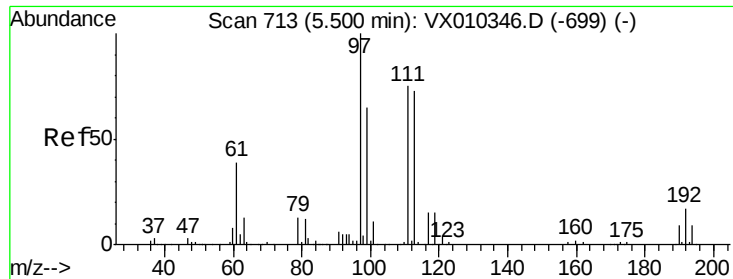


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

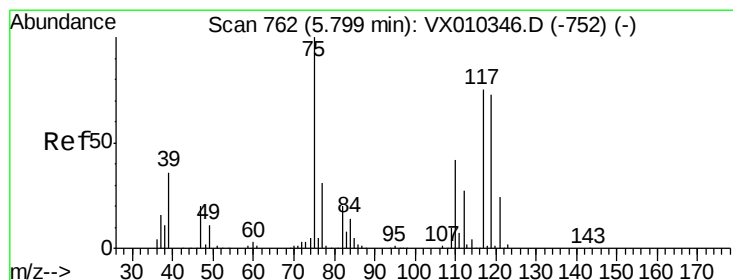
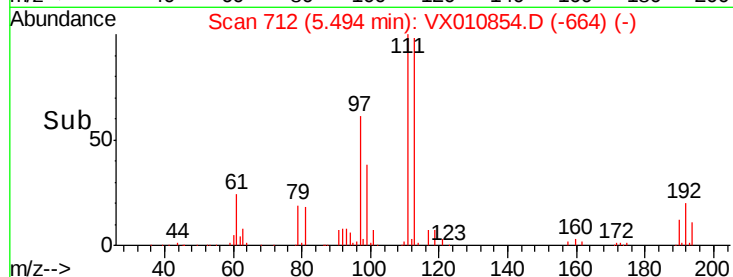
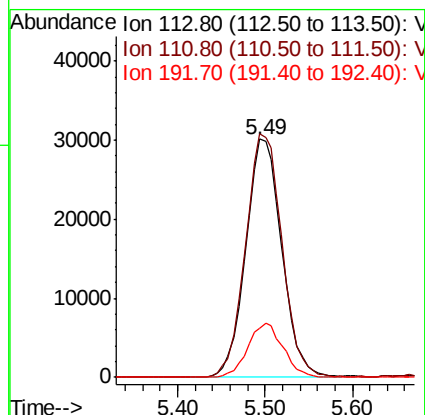
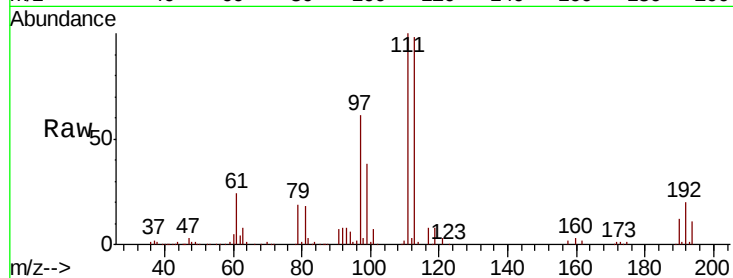




#35
 Dibromofluoromethane
 Concen: 45.838 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

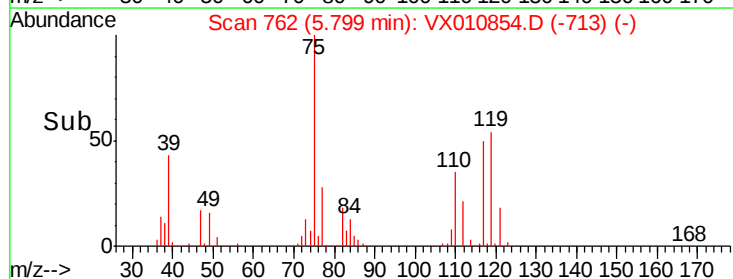
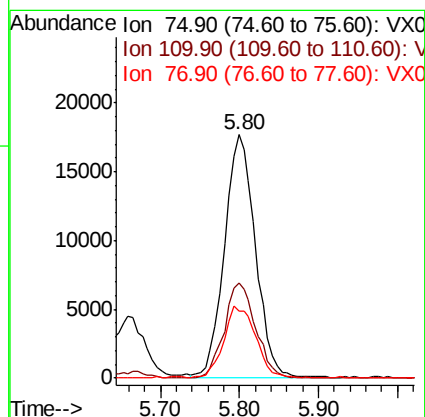
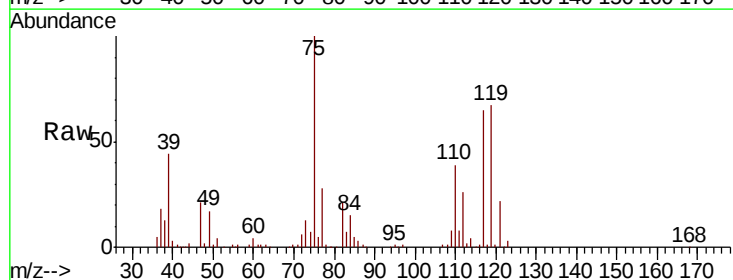
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

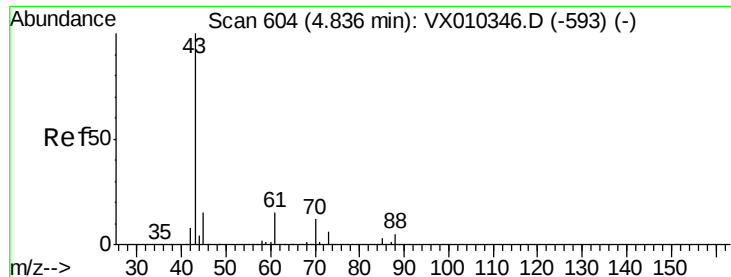
Tot Ion:113 Resp: 86230
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.2 121.8
 192 22.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 19.607 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 75 Resp: 47906
 Ion Ratio Lower Upper
 75 100
 110 40.2 20.8 62.2
 77 30.9 25.4 38.0

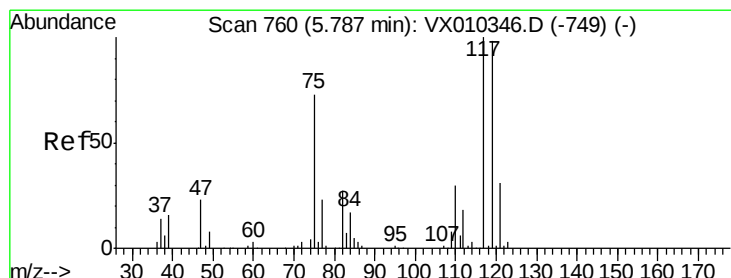
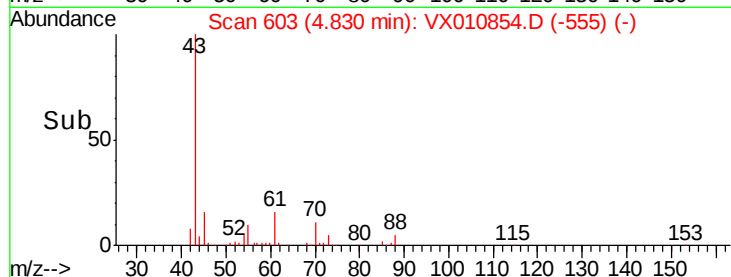
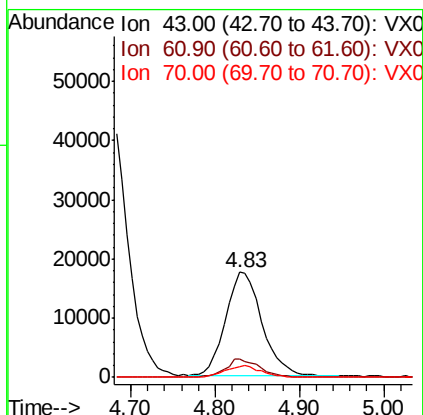
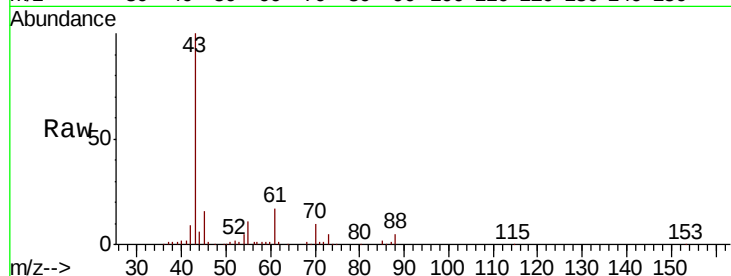




#37
Ethyl Acetate
Concen: 20.653 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

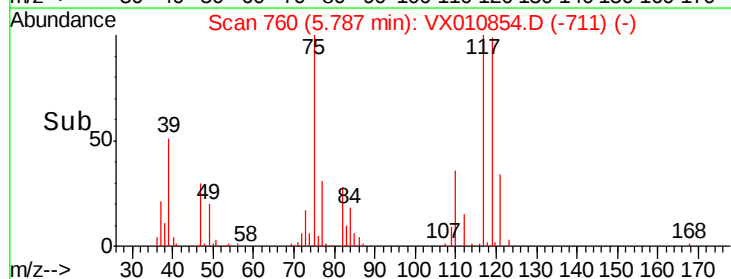
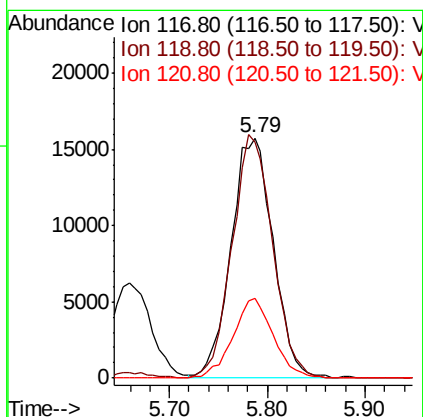
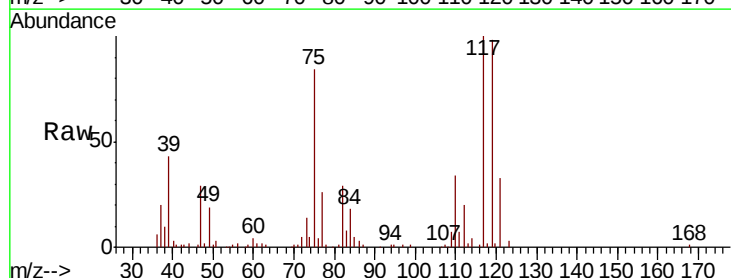
Instrument :
MSVOA_X
ClientSampled :
VX0712MBS01

Tot Ion: 43 Resp: 51911
Ion Ratio Lower Upper
43 100
61 16.4 12.4 18.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 17.812 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 117 Resp: 47126
Ion Ratio Lower Upper
117 100
119 98.1 78.2 117.4
121 33.2 24.7 37.1

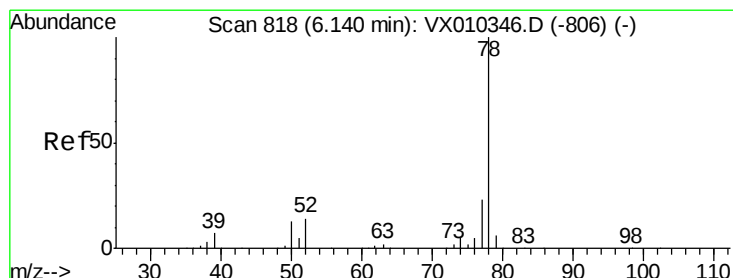
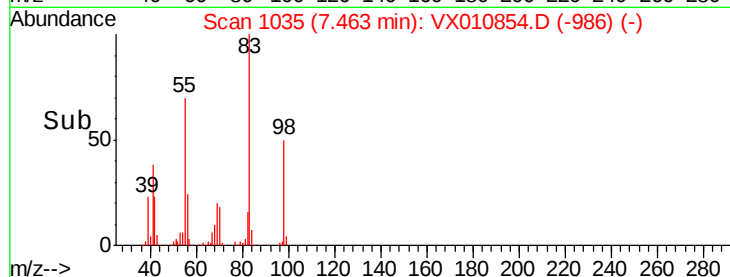
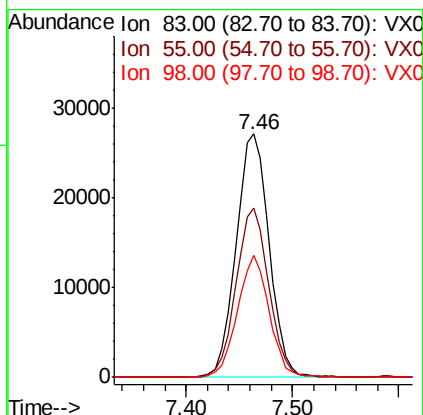
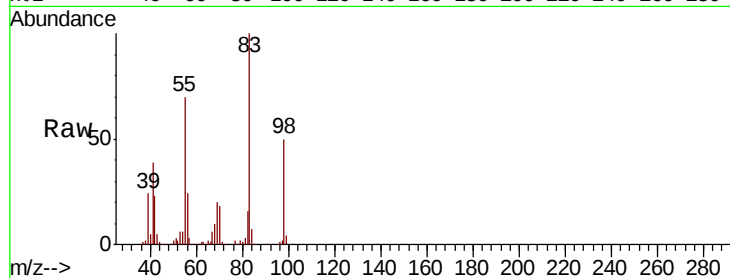




#39
Methvlcvclohexane
Concen: 18.427 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

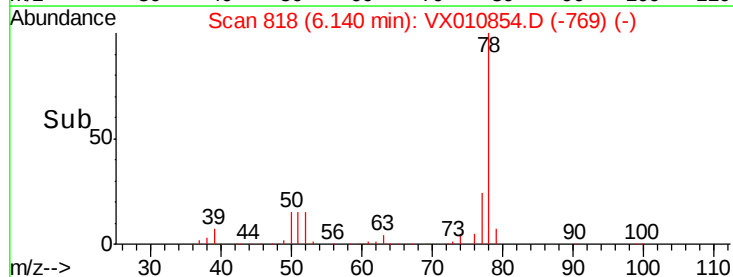
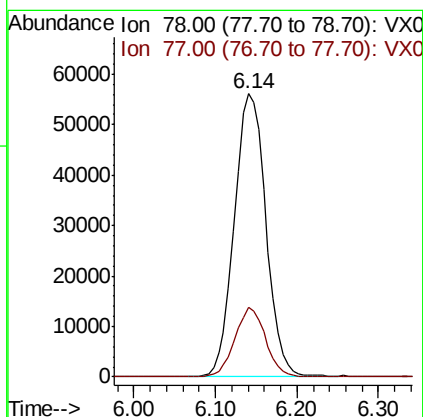
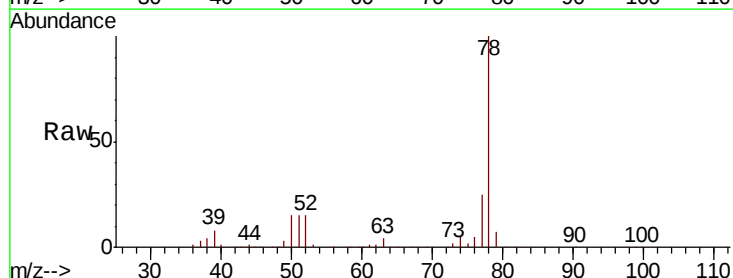
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

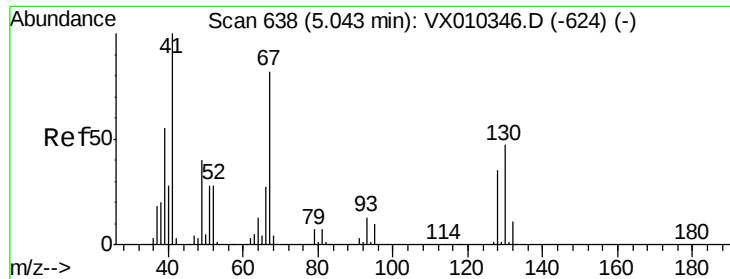
Tot Ion: 83 Resp: 59180
Ion Ratio Lower Upper
83 100
55 69.7 53.0 79.6
98 50.3 37.8 56.8



#40
Benzene
Concen: 19.784 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 78 Resp: 150594
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0

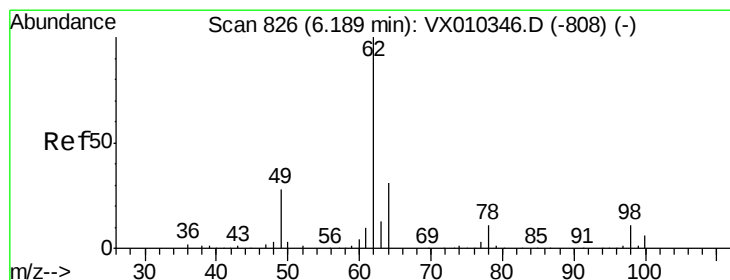
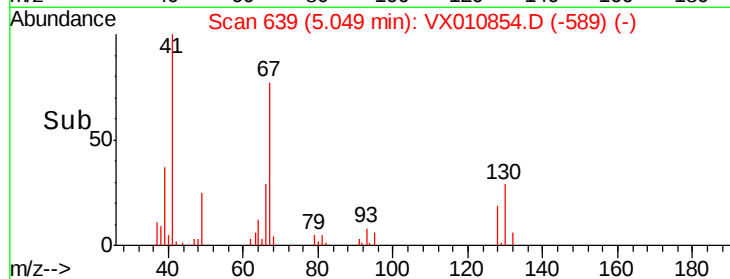
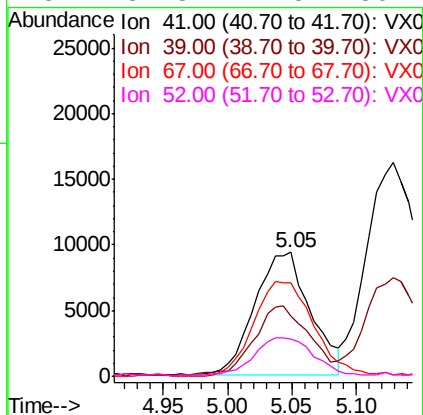
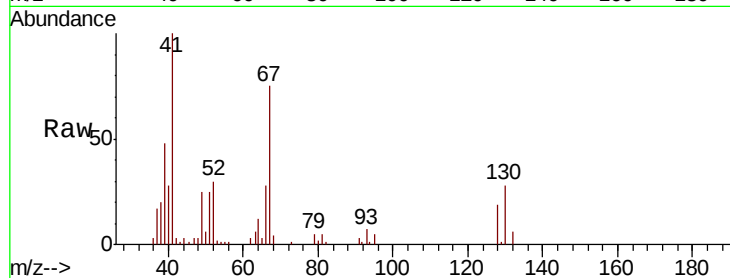




#41
Methacrylonitrile
Concen: 20.466 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

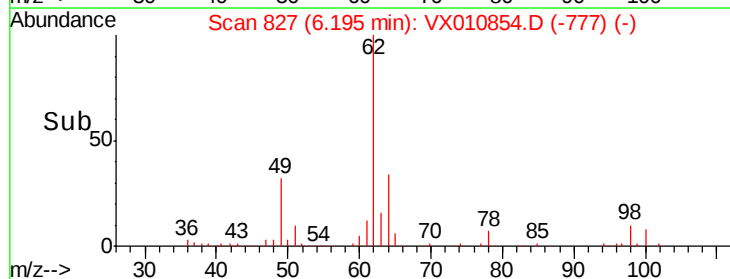
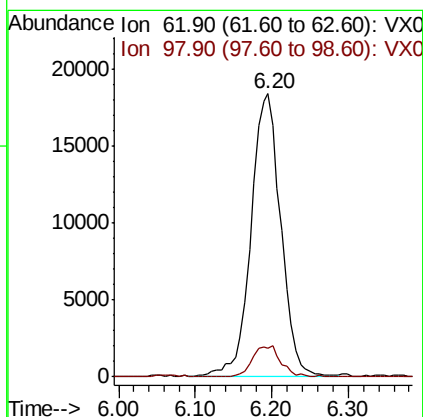
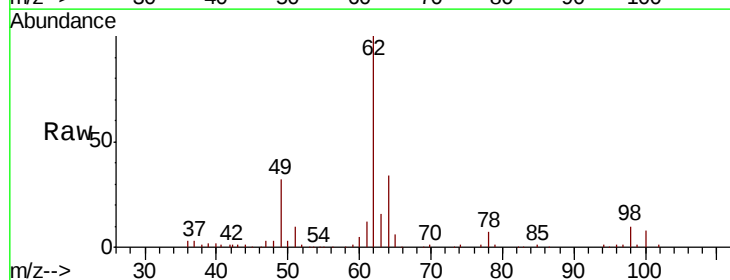
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

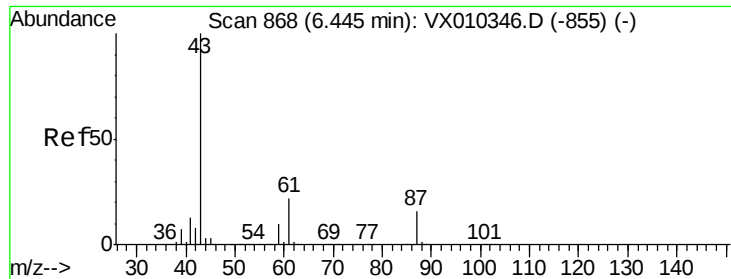
Tot Ion:	41	Resp:	28225
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.8	65.8
67	83.1	66.6	100.0
52	34.3	24.5	36.7



#42
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:	62	Resp:	49596
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.2



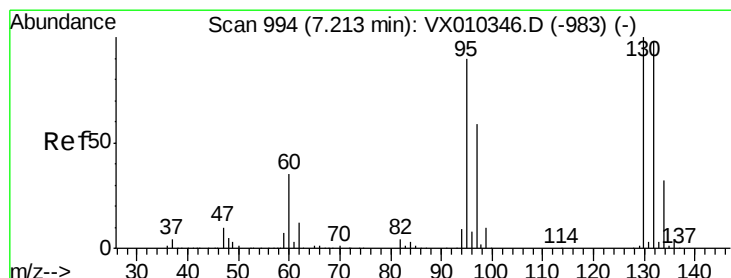
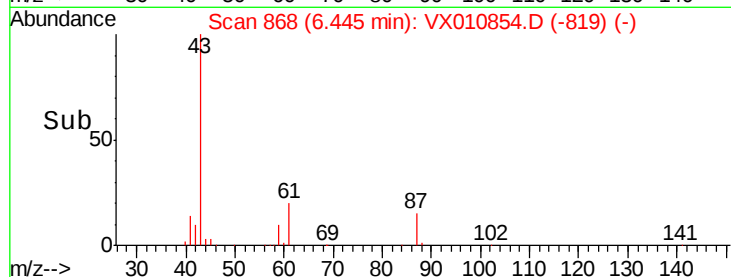
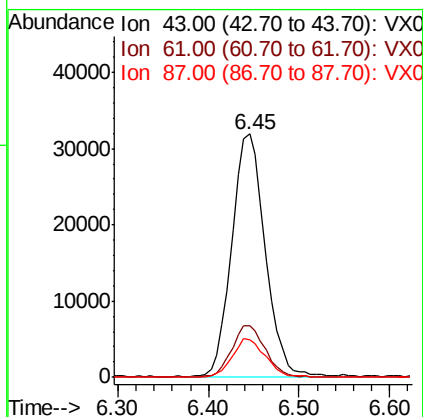
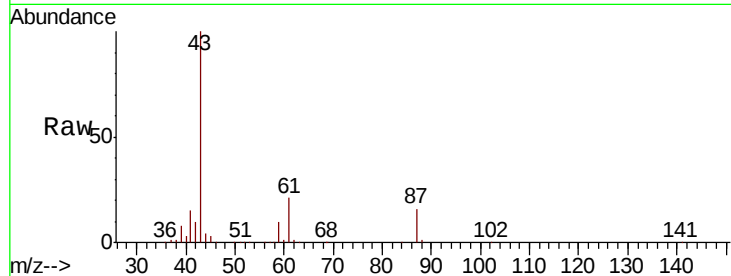


#43

Isopropyl Acetate
 Concen: 19.546 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

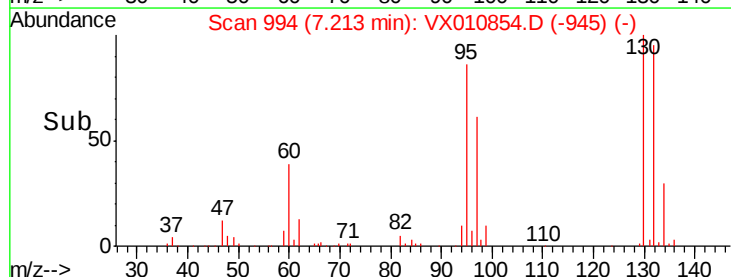
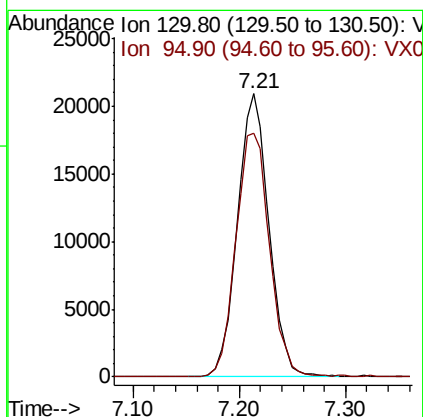
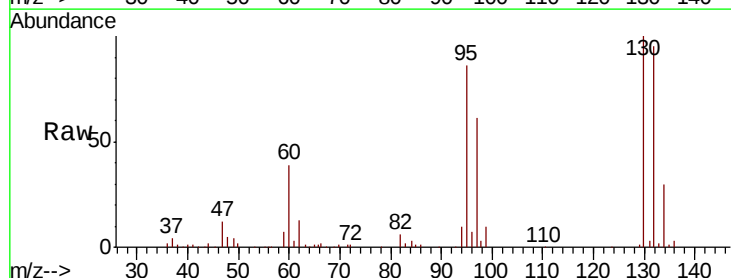
Tot Ion: 43 Resp: 81284
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.8 26.6
 87 15.9 13.0 19.4

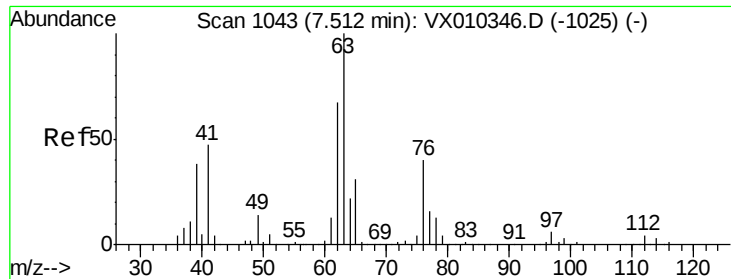


#44

Trichloroethene
 Concen: 19.087 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 130 Resp: 43475
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 180.8





#45

1,2-Dichloropropane

Concen: 20.065 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

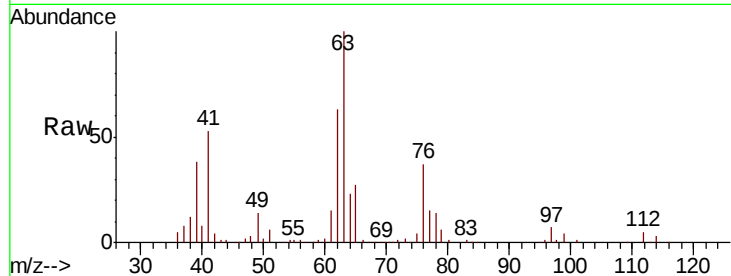
VX0712MBS01

Tot Ion: 63 Resp: 38570

Ion Ratio Lower Upper

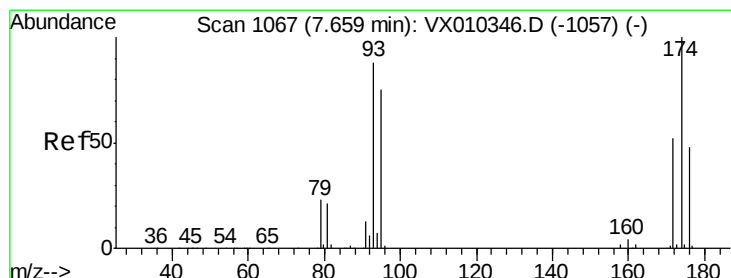
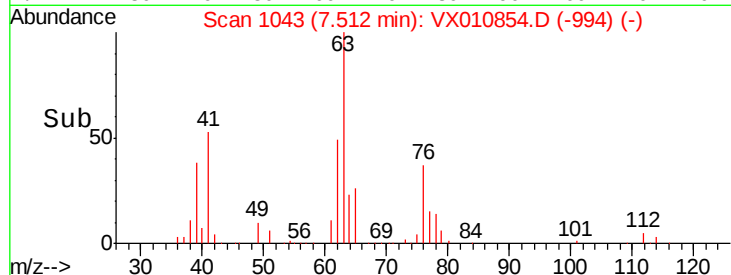
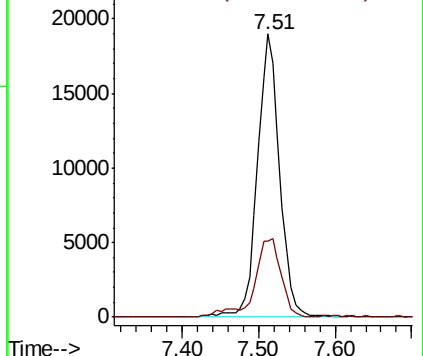
63 100

65 26.9 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: 19.661 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

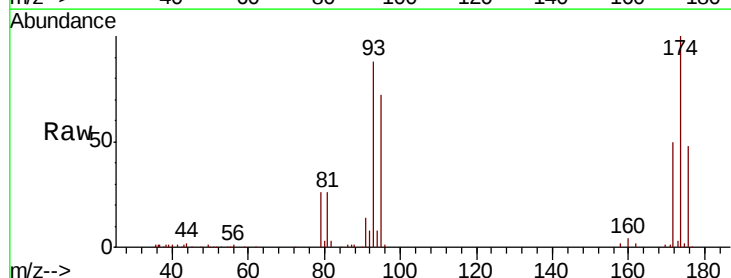
Tgt Ion: 93 Resp: 27115

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

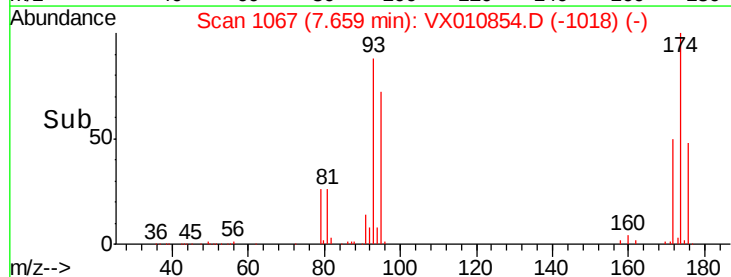
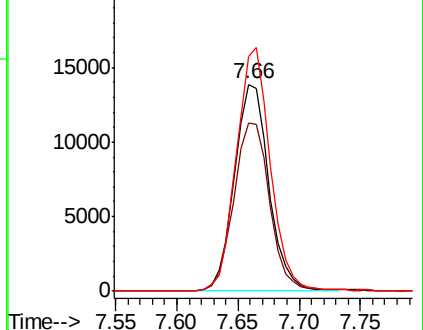
174 116.1 95.8 143.6

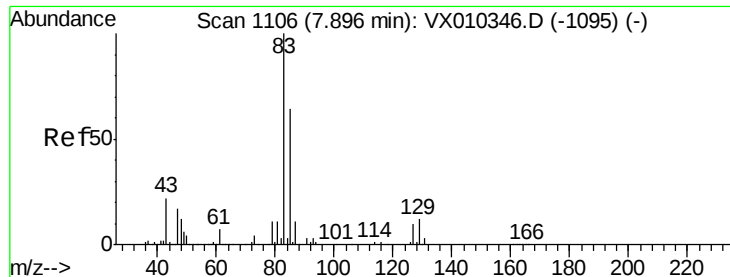


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

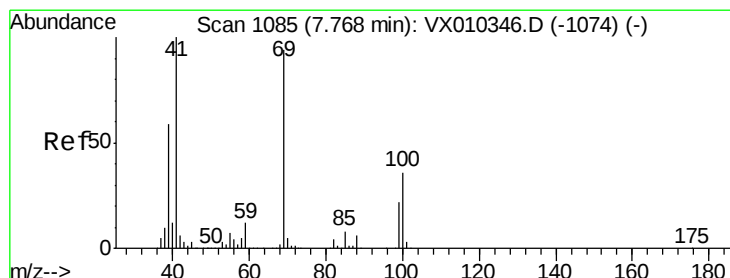
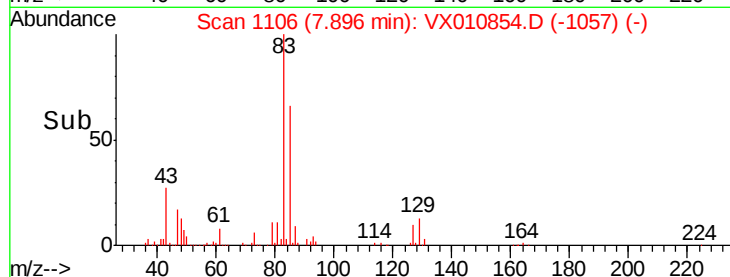
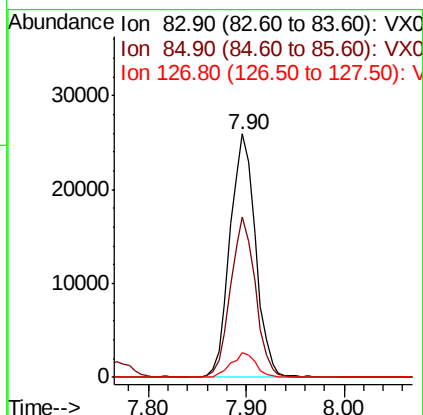
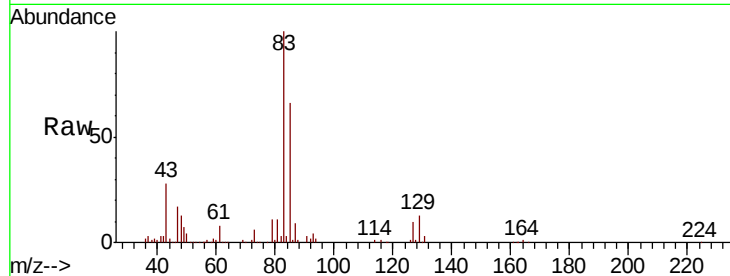




#47
 Bromodichloromethane
 Concen: 18.604 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

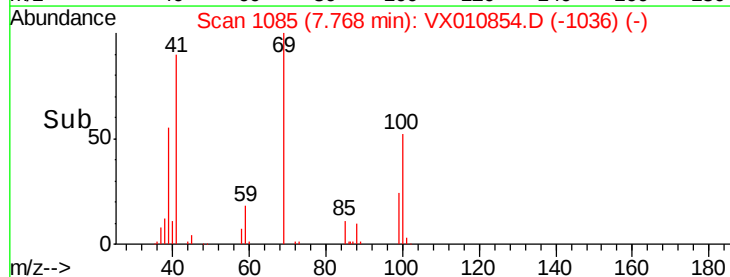
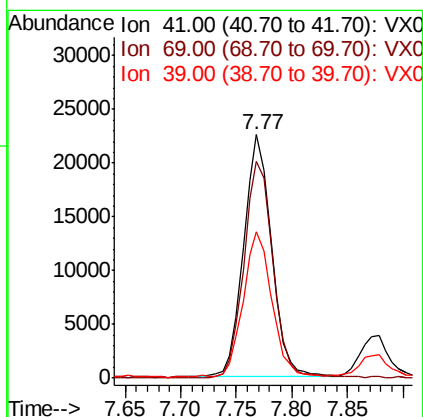
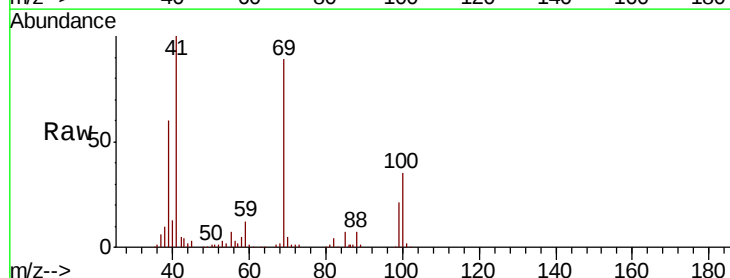
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

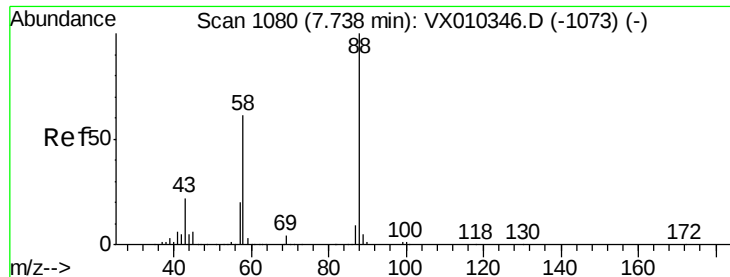
Tot Ion: 83 Resp: 47021
 Ion Ratio Lower Upper
 83 100
 85 66.0 51.5 77.3
 127 10.4 7.8 11.8



#48
 Methyl methacrylate
 Concen: 20.466 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 41 Resp: 39561
 Ion Ratio Lower Upper
 41 100
 69 93.1 76.1 114.1
 39 60.1 47.6 71.4





#49

1,4-Dioxane

Concen: 438.797 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

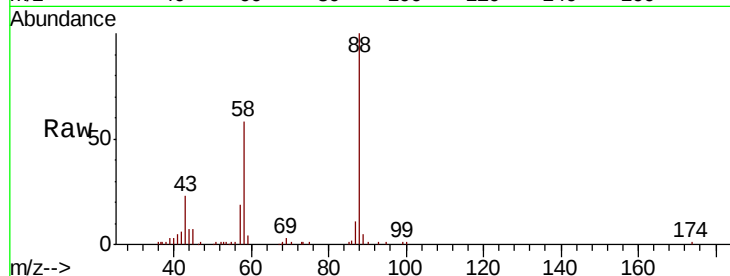
Tot Ion: 88 Resp: 24434

Ion Ratio Lower Upper

88 100

43 25.5 20.2 30.2

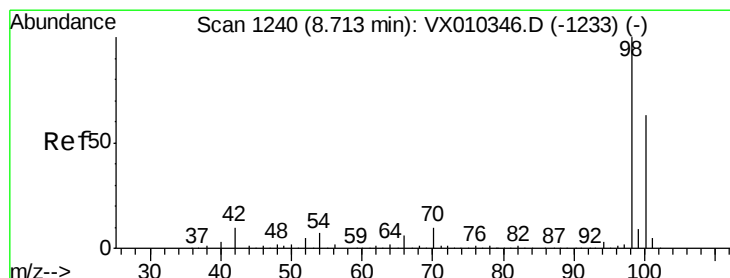
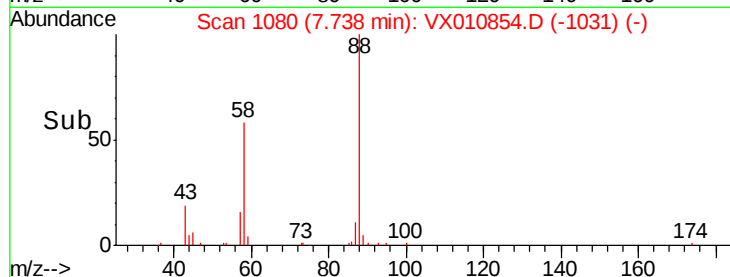
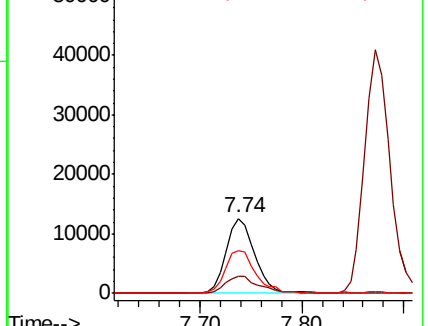
58 61.3 49.5 74.3



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: 43.979 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010854.D

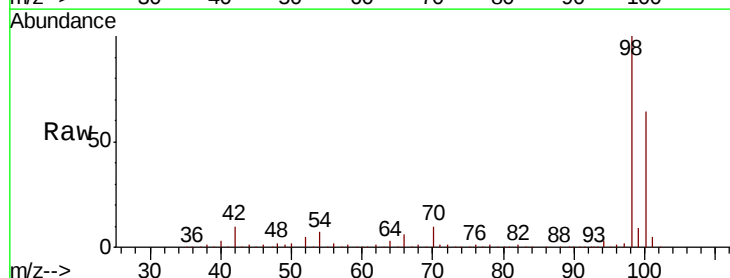
Acq: 12 Jul 2019 22:39

Tgt Ion: 98 Resp: 316514

Ion Ratio Lower Upper

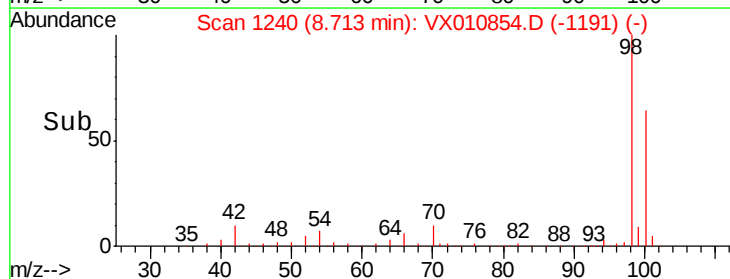
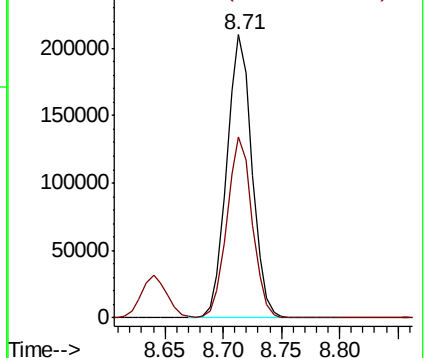
98 100

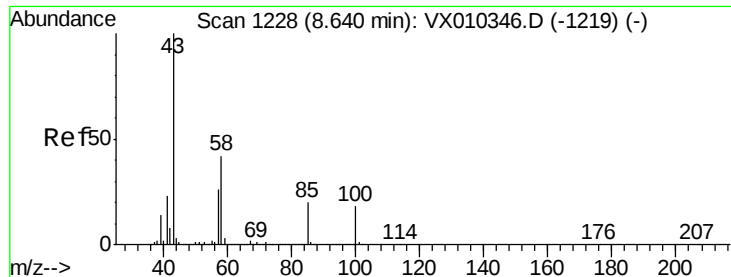
100 63.8 51.6 77.4



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: 104.996 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

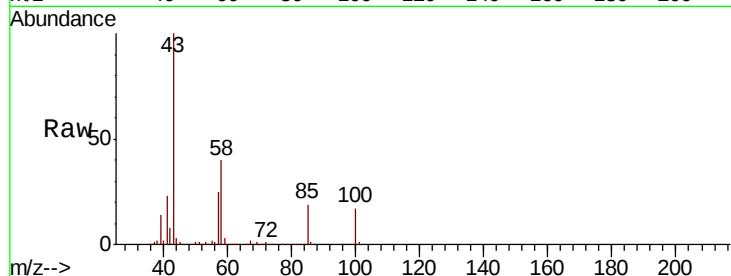
VX0712MBS01

Tot Ion: 43 Resp: 279256

Ion Ratio Lower Upper

43 100

58 40.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

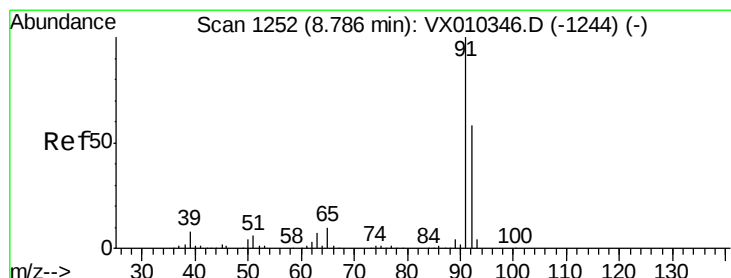
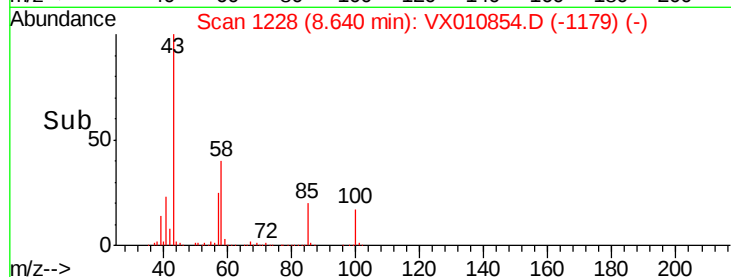
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.817 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010854.D

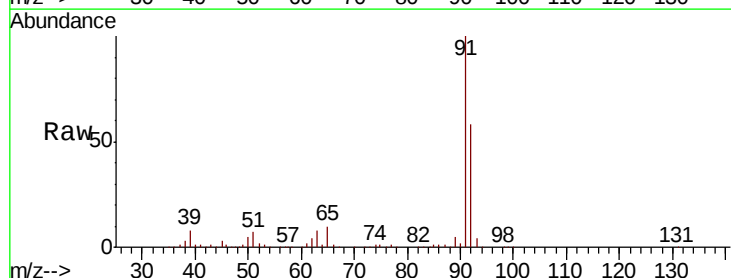
Acq: 12 Jul 2019 22:39

Tgt Ion: 92 Resp: 99336

Ion Ratio Lower Upper

92 100

91 172.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

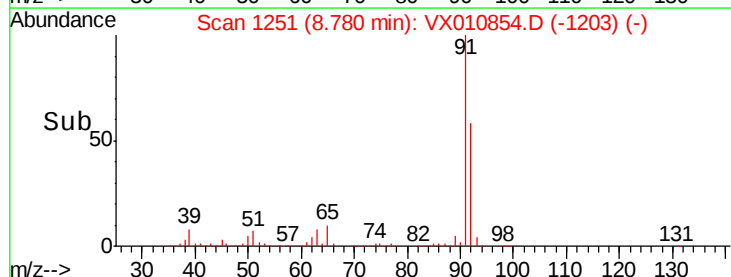
60000

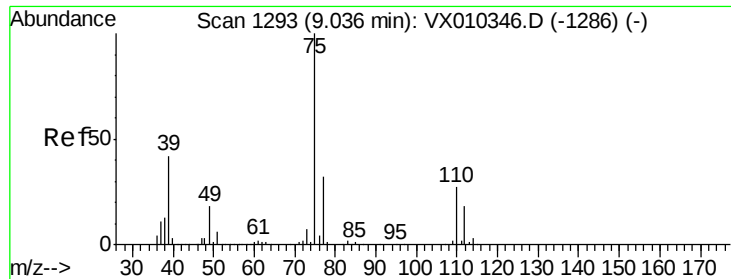
40000

20000

0

Time--> 8.70 8.80 8.90

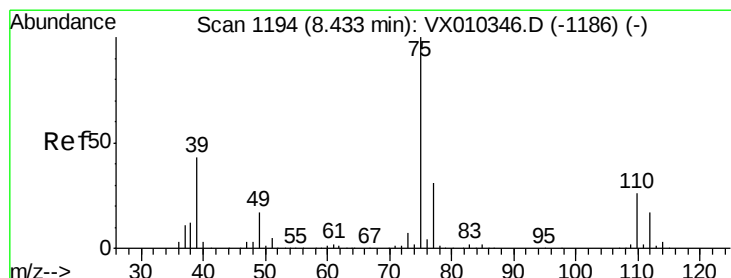
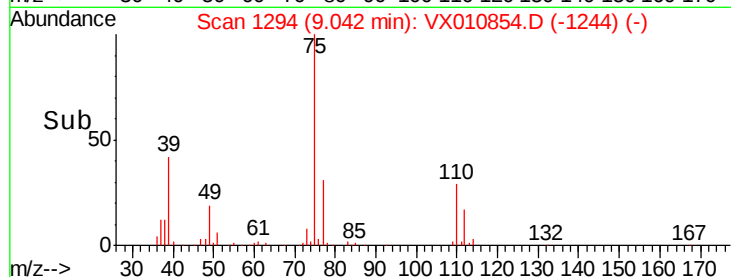
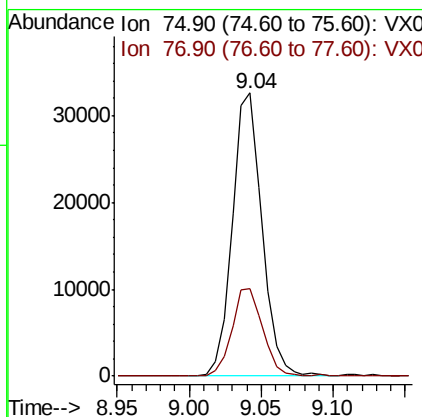
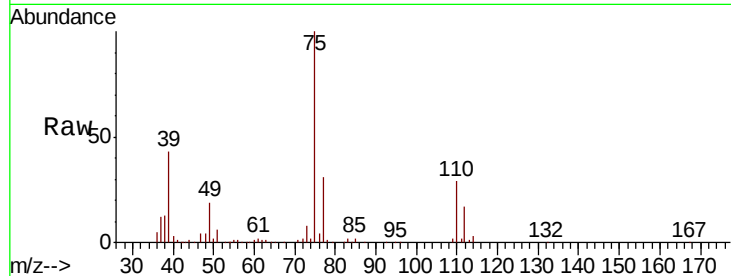




#53
t-1,3-Dichloropropene
Concen: 16.619 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

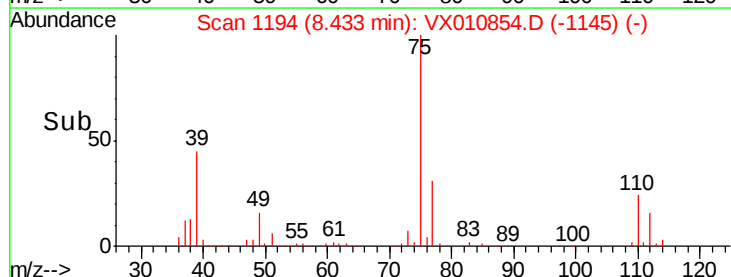
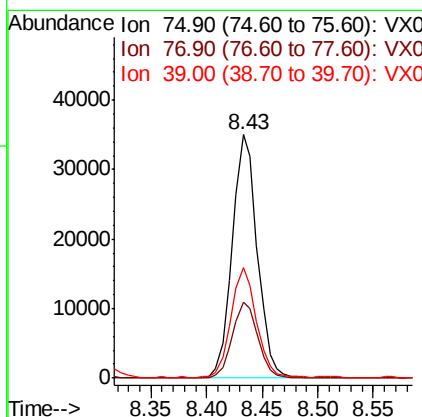
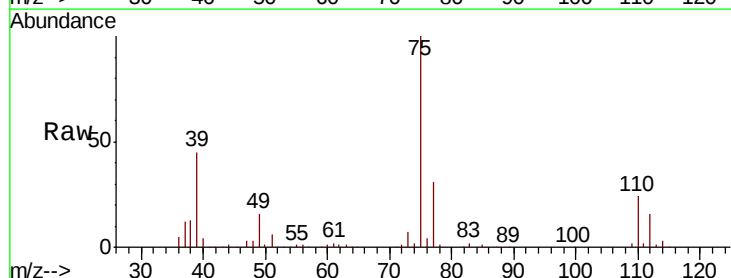
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

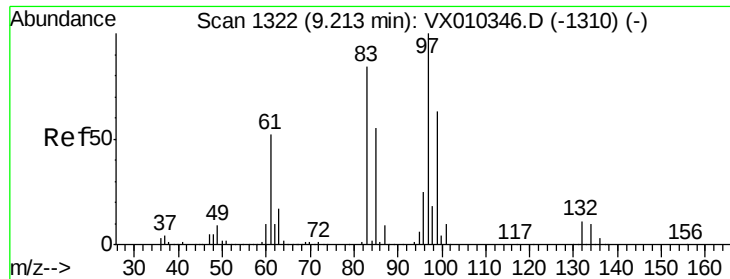
Tot Ion: 75 Resp: 47091
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.732 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 75 Resp: 54604
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 44.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.914 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 97 Resp: 41170

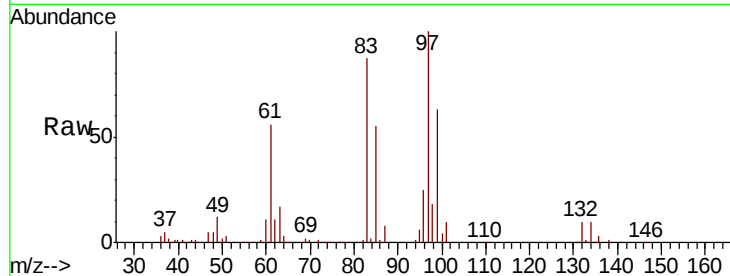
Ion Ratio Lower Upper

97 100

83 86.9 67.4 101.0

85 55.1 43.8 65.8

99 63.0 50.3 75.5

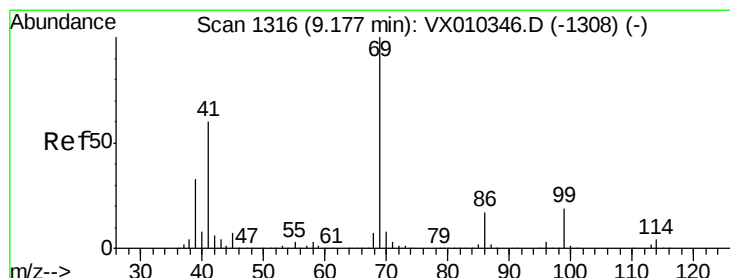
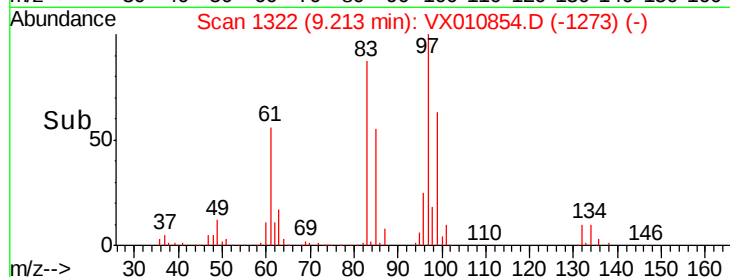
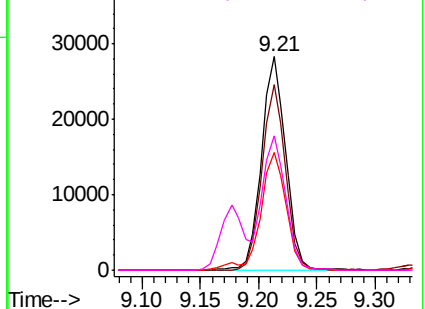


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.610 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

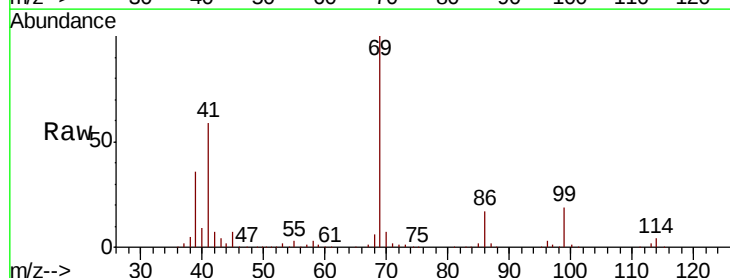
Tgt Ion: 69 Resp: 61413

Ion Ratio Lower Upper

69 100

41 60.9 47.1 70.7

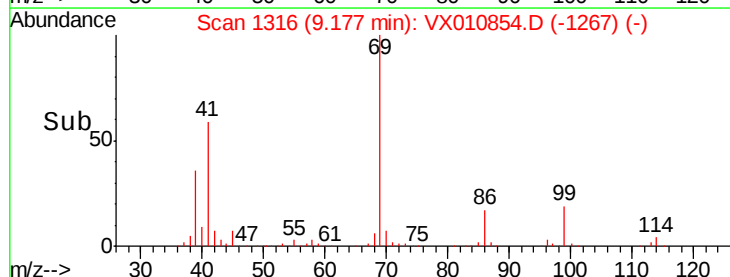
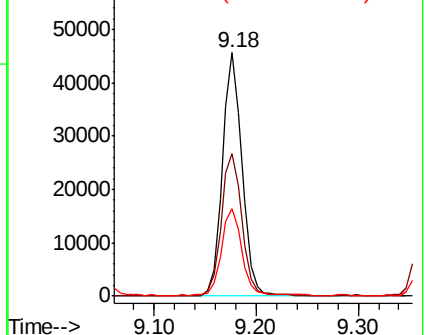
39 36.1 26.6 40.0

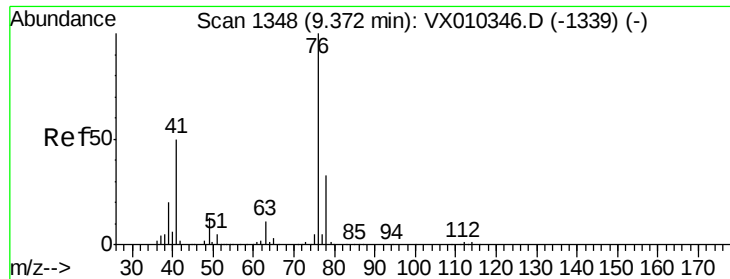


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

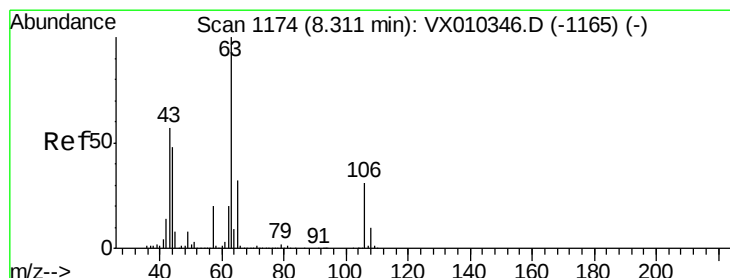
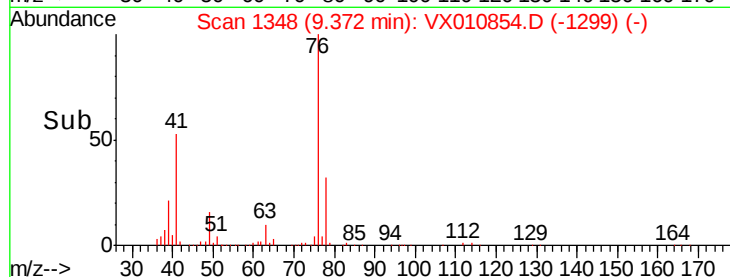
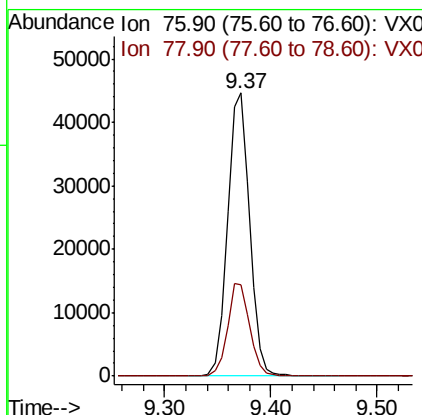
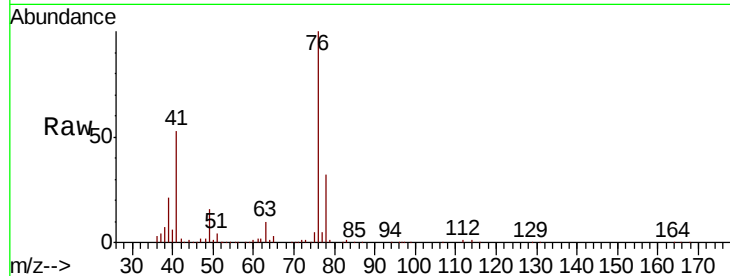




#57
 1,3-Dichloropropane
 Concen: 20.167 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

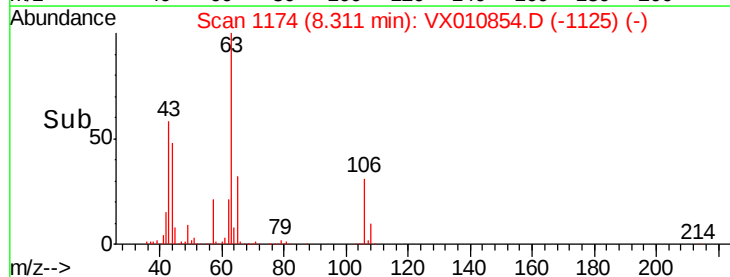
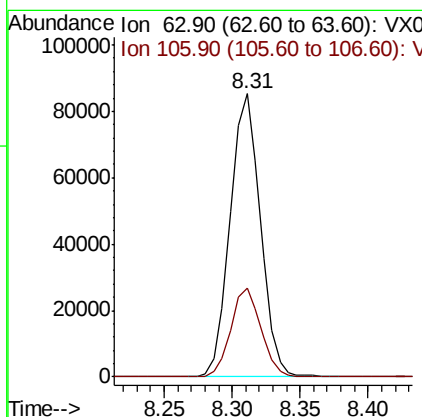
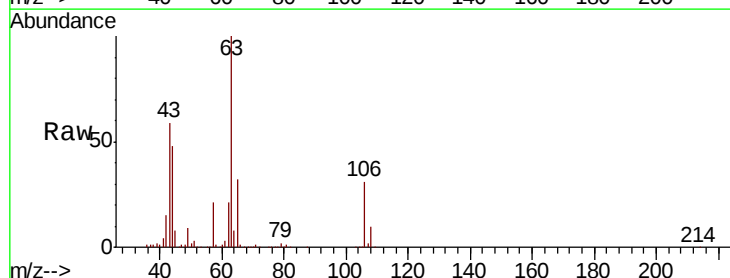
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion: 76 Resp: 64719
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.757 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 63 Resp: 132014
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.7 37.1

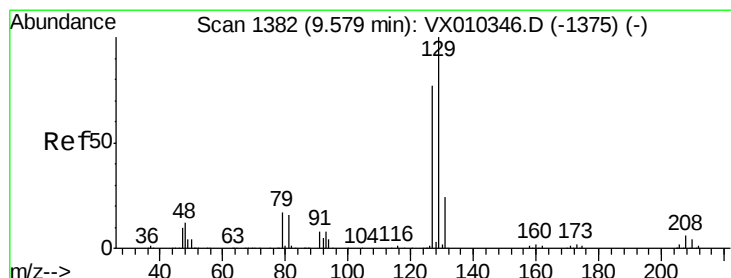
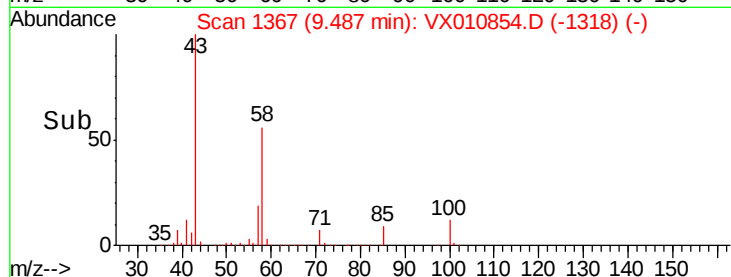
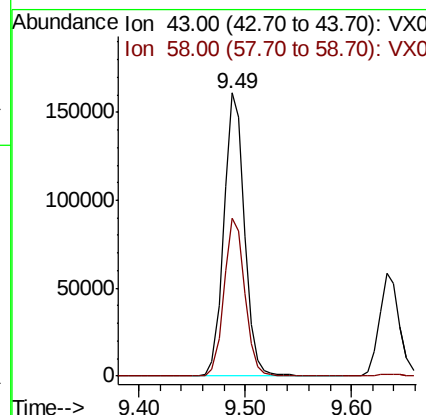
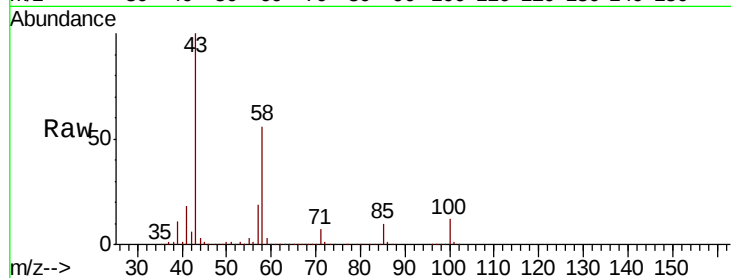




#59
2-Hexanone
Concen: 104.061 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

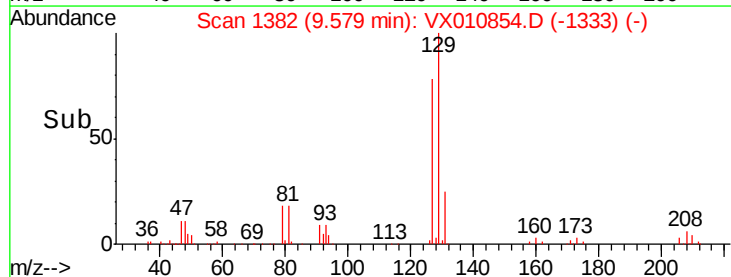
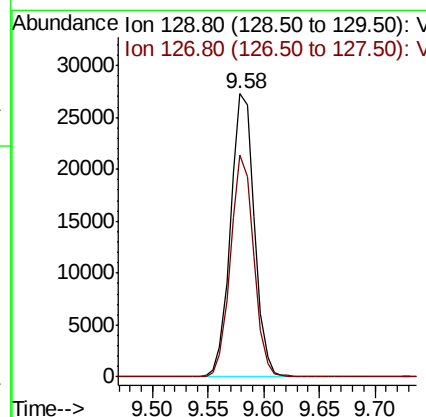
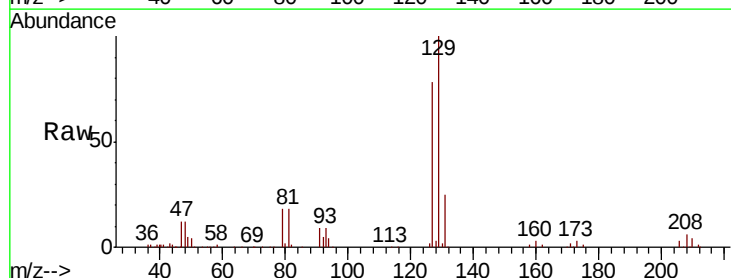
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

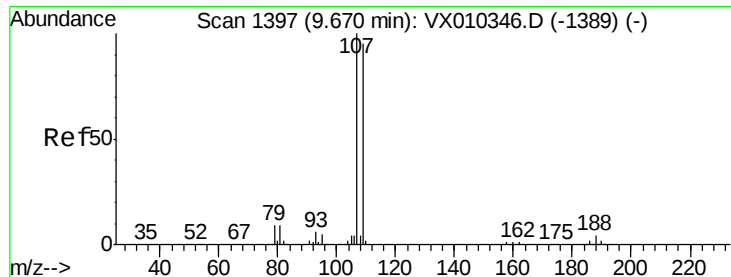
Tot Ion: 43 Resp: 217828
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.1



#60
Dibromochloromethane
Concen: 17.420 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 129 Resp: 40323
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.712 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

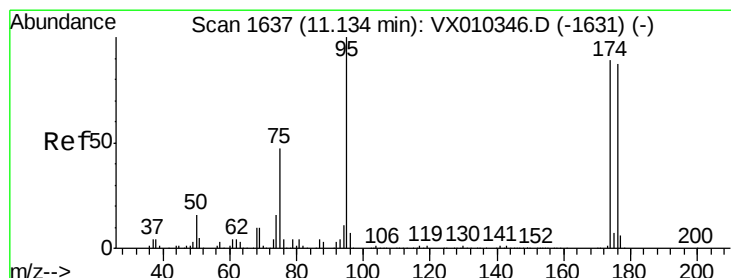
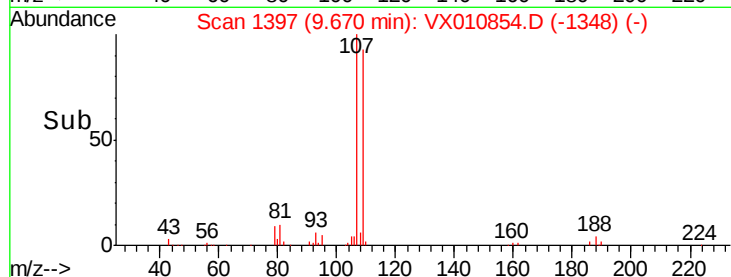
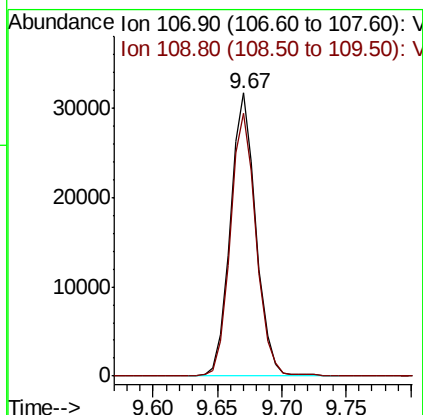
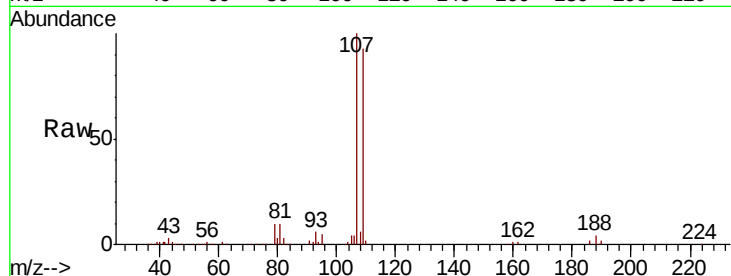
VX0712MBS01

Tot Ion:107 Resp: 43986

Ion Ratio Lower Upper

107 100

109 93.6 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 44.786 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

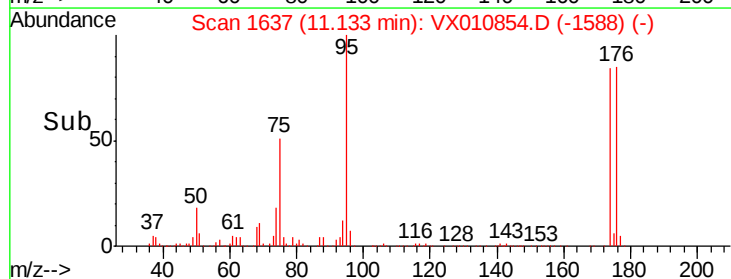
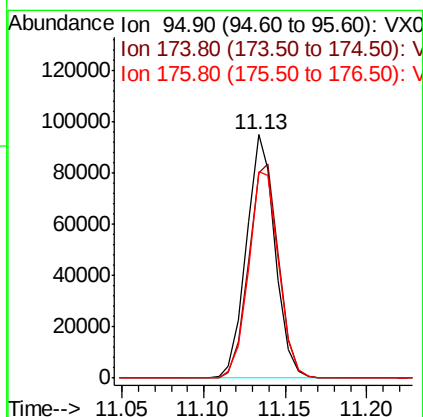
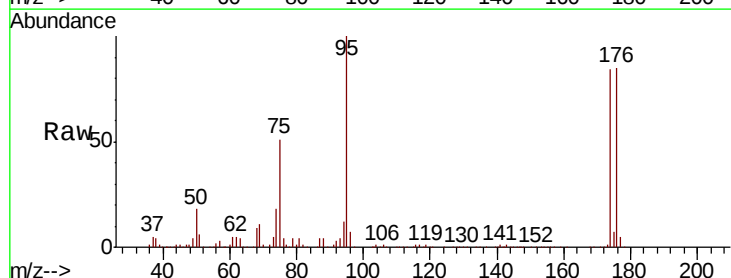
Tgt Ion: 95 Resp: 116368

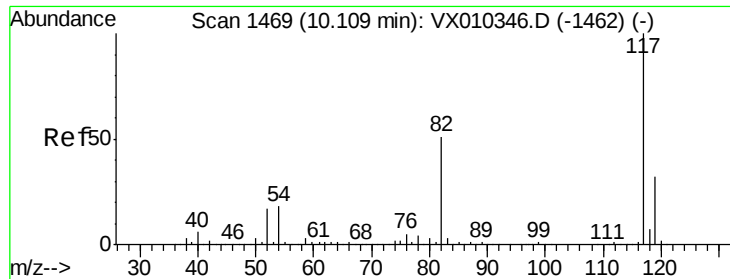
Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

176 89.2 0.0 184.0

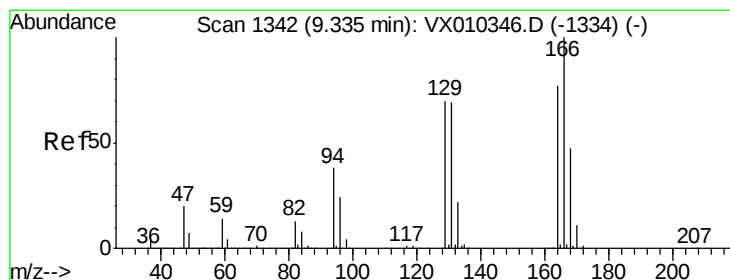
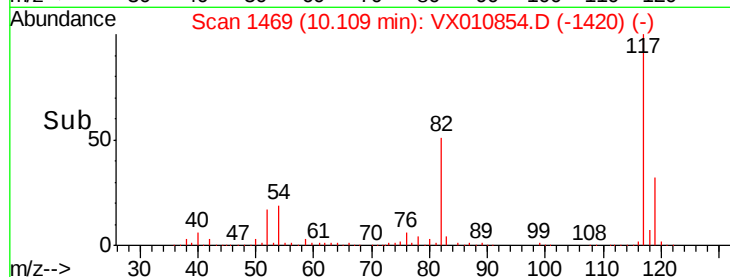
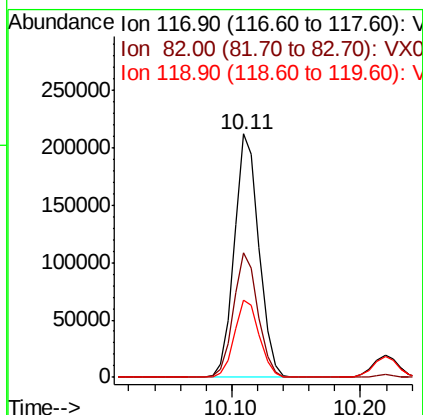
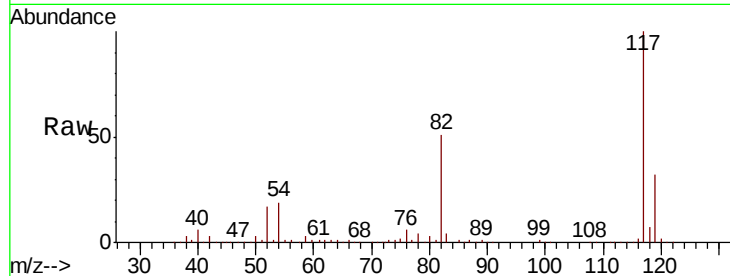




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

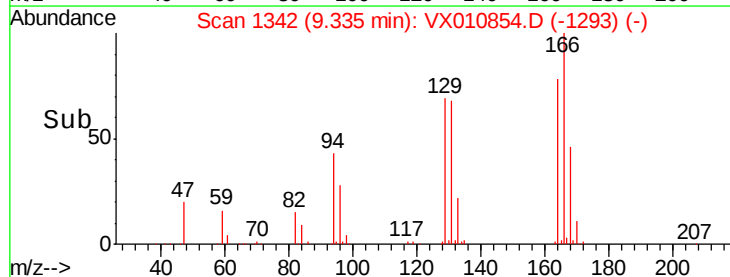
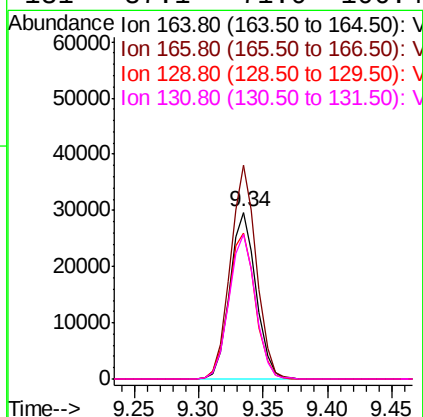
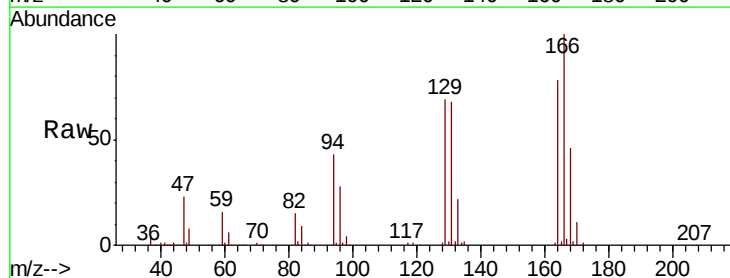
Instrument :
MSVOA_X
ClientSampled :
VX0712MBS01

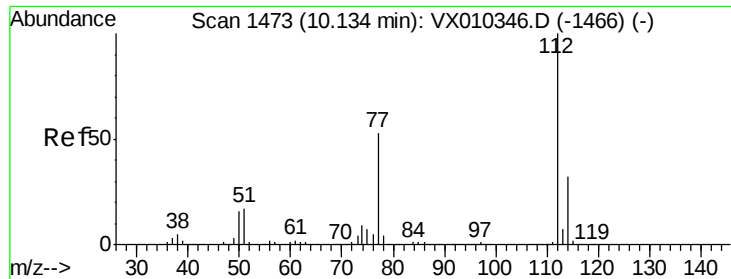
Tot Ion:117 Resp: 281463
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 18.534 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:164 Resp: 42194
Ion Ratio Lower Upper
164 100
166 128.3 103.6 155.4
129 87.7 73.0 109.4
131 87.1 71.0 106.4

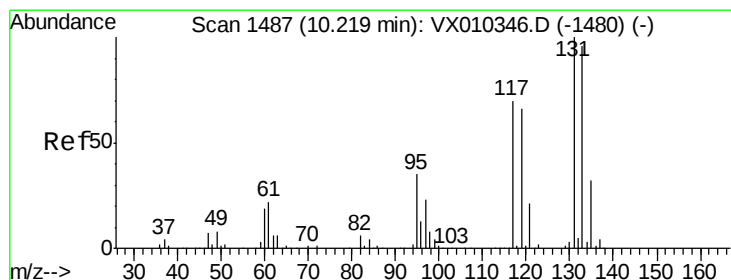
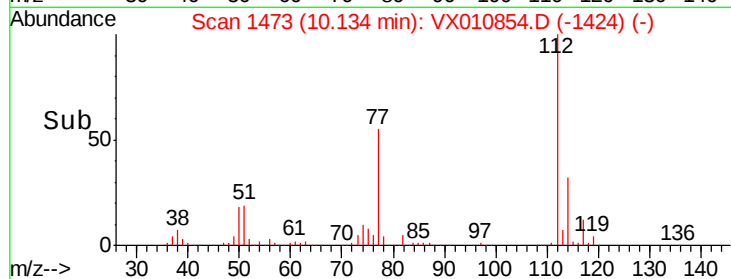
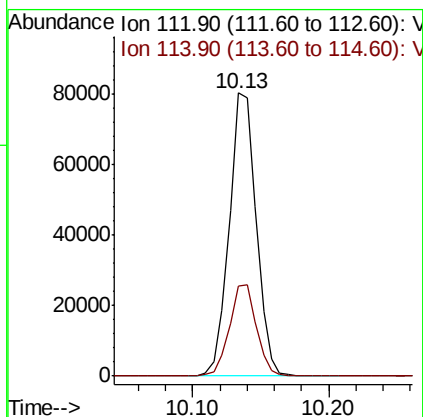
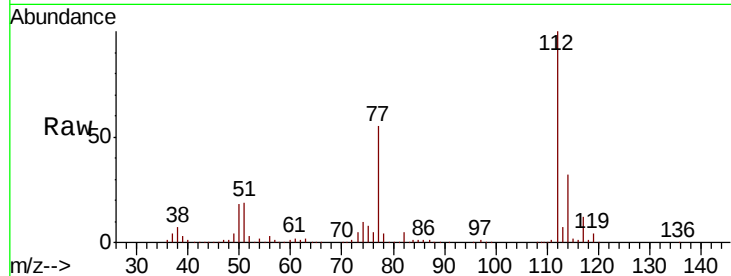




#65
Chlorobenzene
Concen: 19.385 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

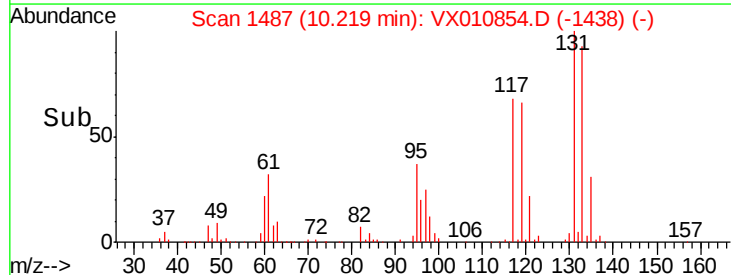
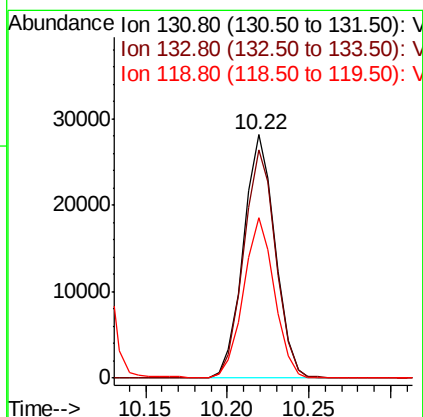
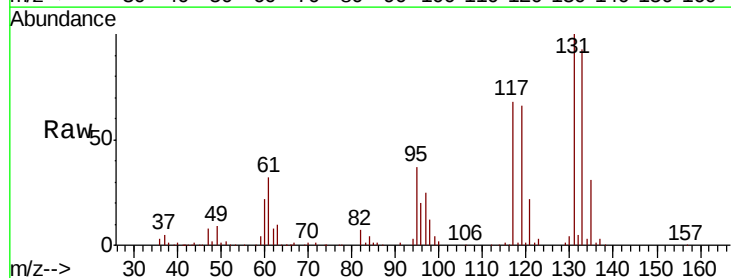
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

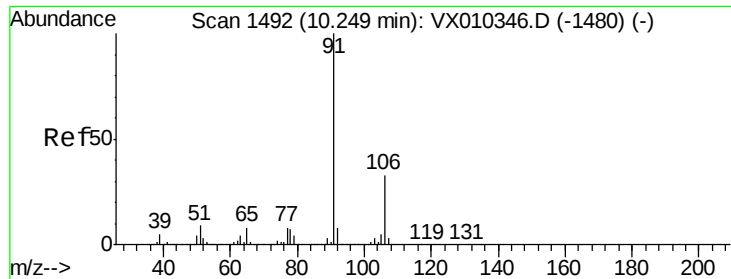
Tot Ion:112 Resp: 110773
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.328 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:131 Resp: 38148
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 64.8 32.6 97.7

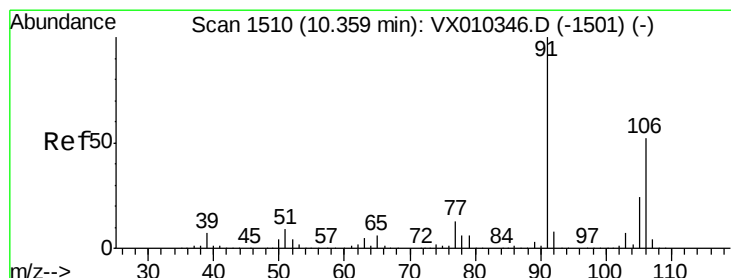
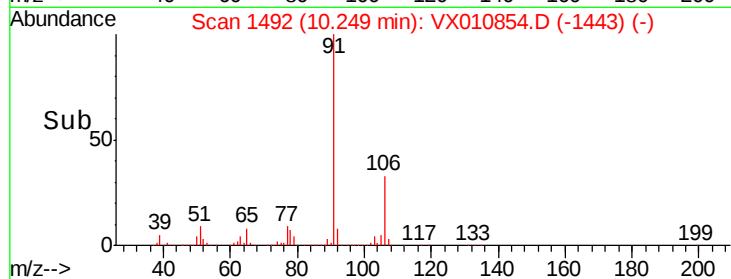
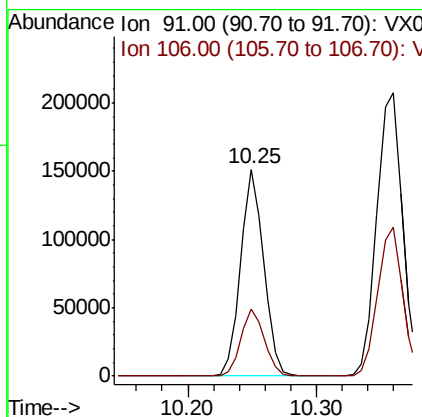
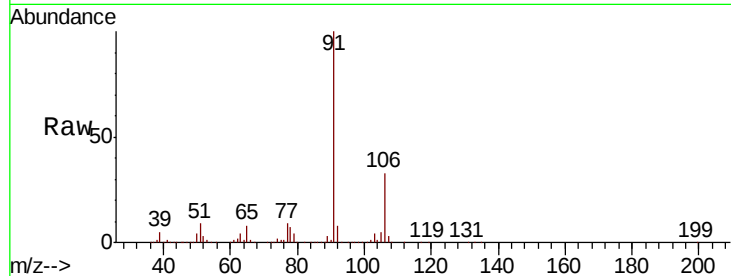




#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

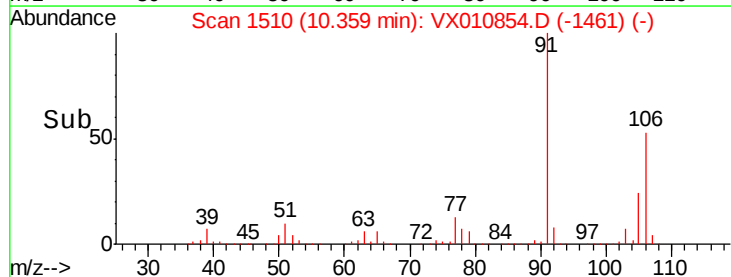
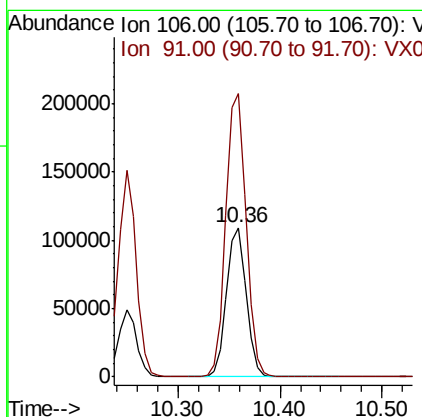
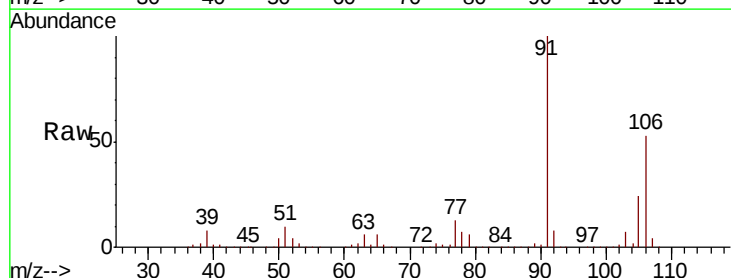
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

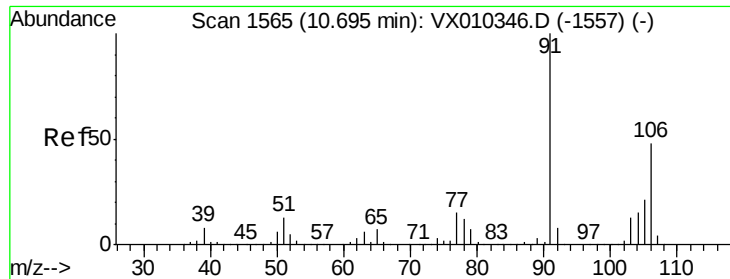
Tot Ion: 91 Resp: 188655
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 39.182 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 106 Resp: 146460
Ion Ratio Lower Upper
106 100
91 195.0 155.3 232.9

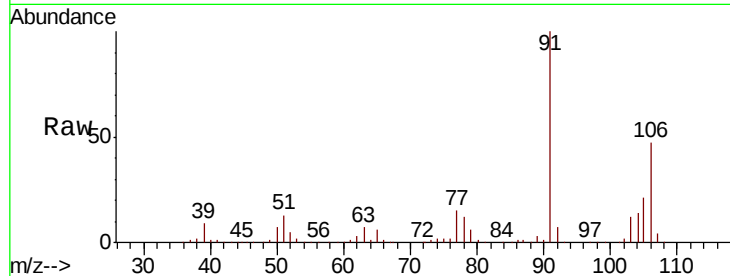




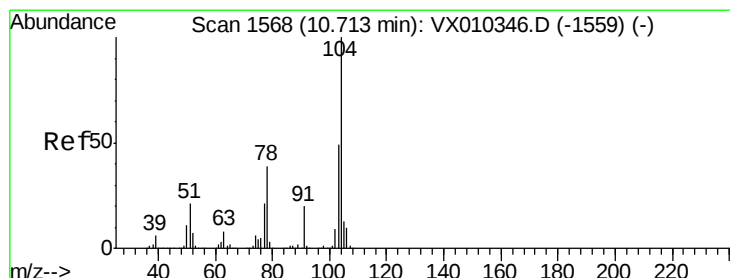
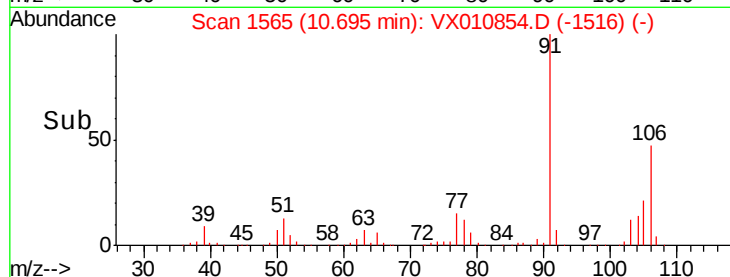
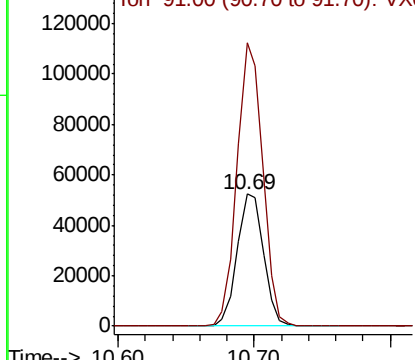
#69
o-Xylene
Concen: 19.342 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion:106 Resp: 71100
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1

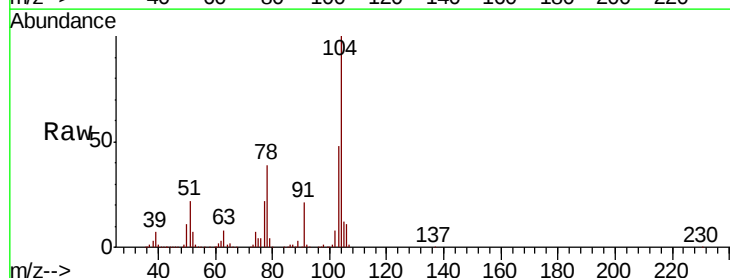


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

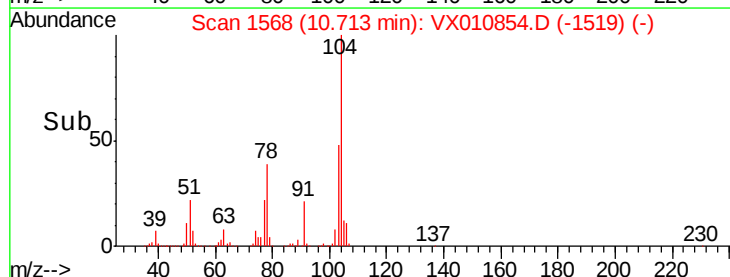
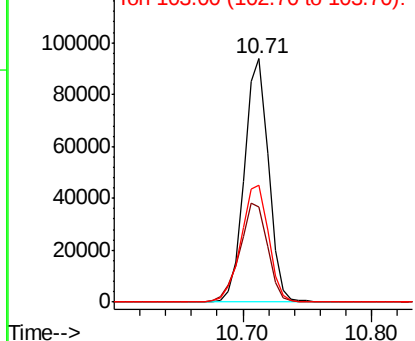


#70
Styrene
Concen: 19.658 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:104 Resp: 121182
Ion Ratio Lower Upper
104 100
78 46.9 36.2 54.2
103 54.8 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: 15.782 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

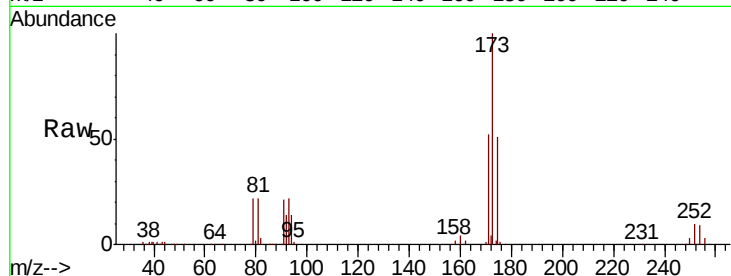
Tot Ion:173 Resp: 28567

Ion Ratio Lower Upper

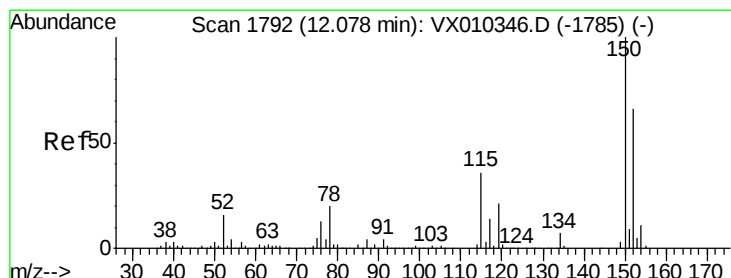
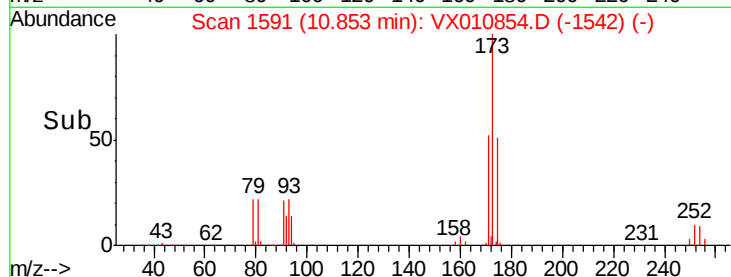
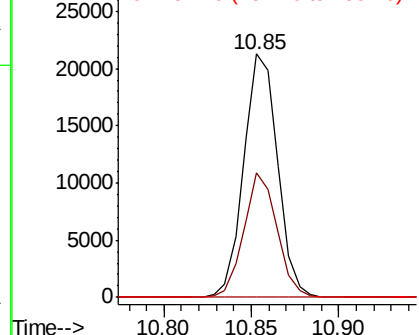
173 100

175 50.1 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: VX010854.D

Acq: 12 Jul 2019 22:39

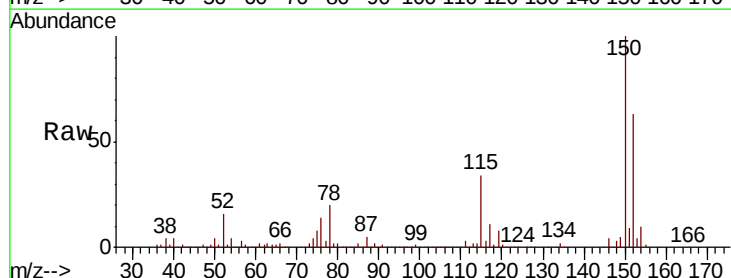
Tgt Ion:152 Resp: 145420

Ion Ratio Lower Upper

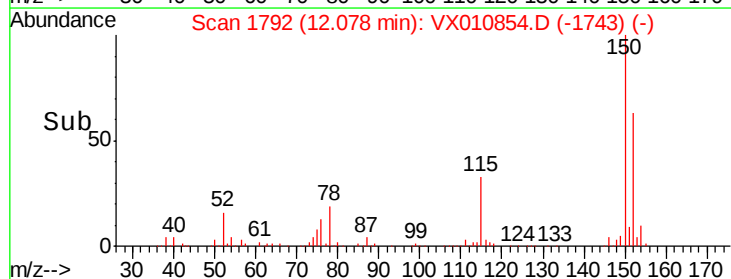
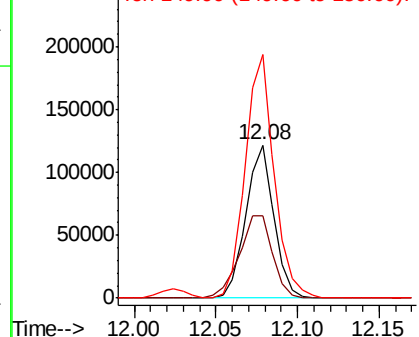
152 100

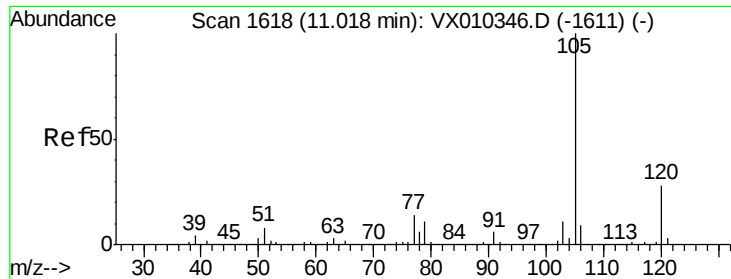
115 63.9 38.6 115.7

150 164.8 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: 19.554 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

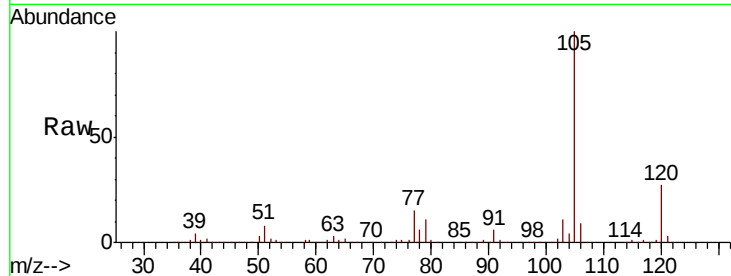
VX0712MBS01

Tot Ion:105 Resp: 192755

Ion Ratio Lower Upper

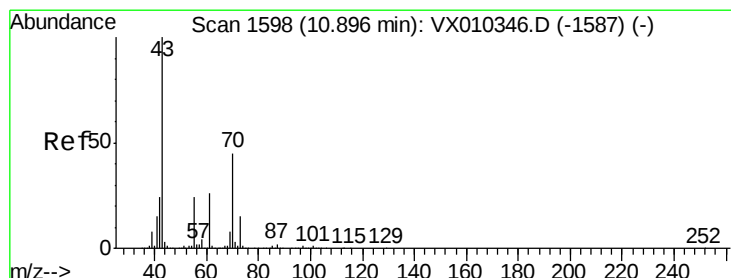
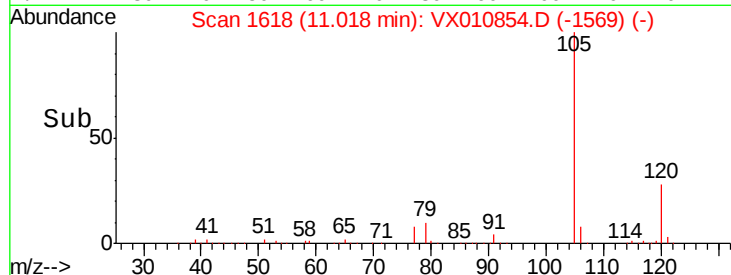
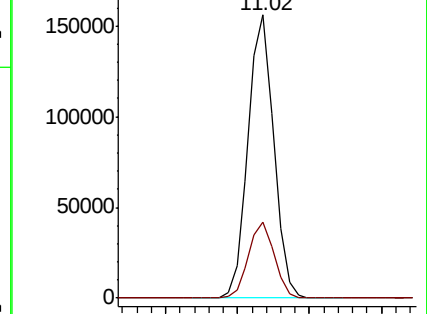
105 100

120 27.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.861 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion: 43 Resp: 73992

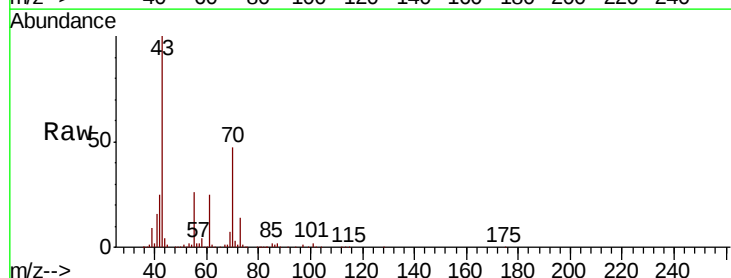
Ion Ratio Lower Upper

43 100

70 43.5 36.6 54.8

55 25.5 18.7 28.1

61 25.6 20.6 31.0

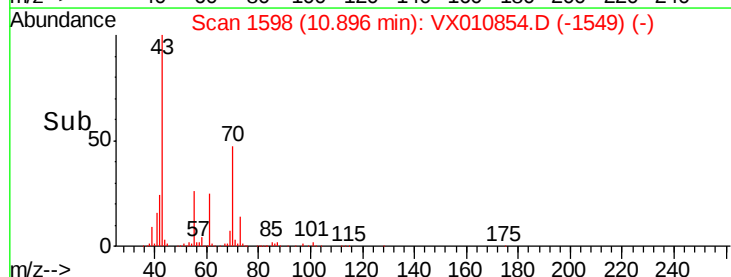
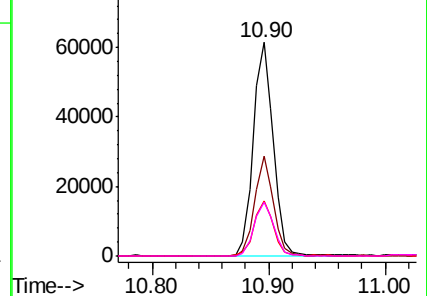


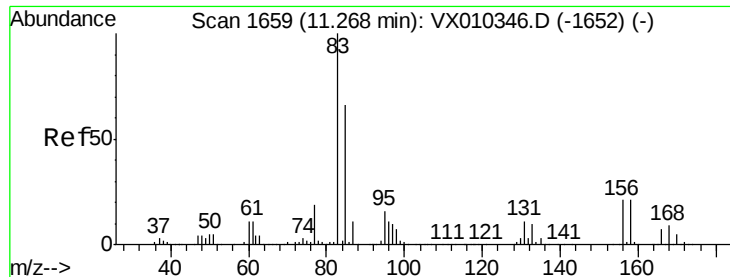
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.058 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

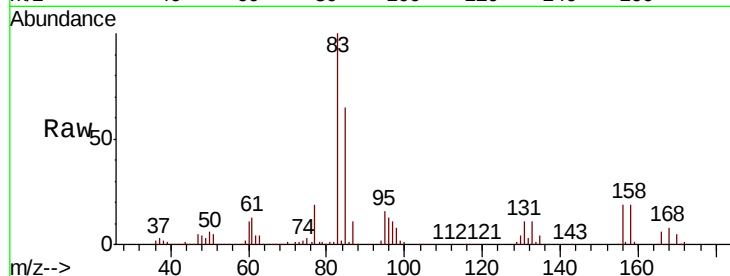
Tot Ion: 83 Resp: 65483

Ion Ratio Lower Upper

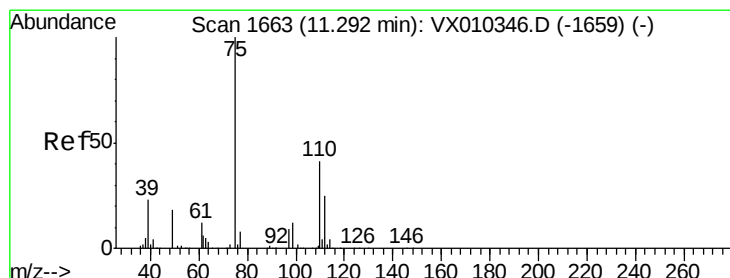
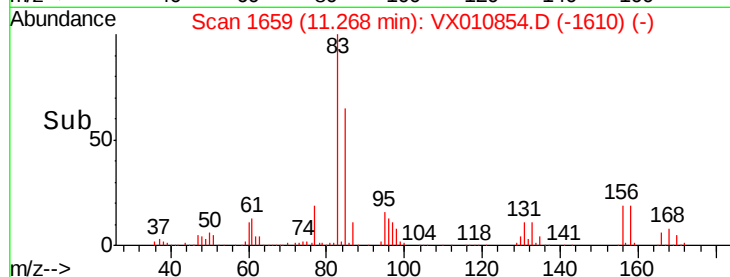
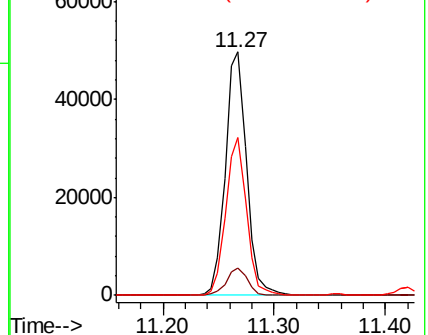
83 100

131 11.0 5.5 16.4

85 63.4 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: 24.925 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010854.D

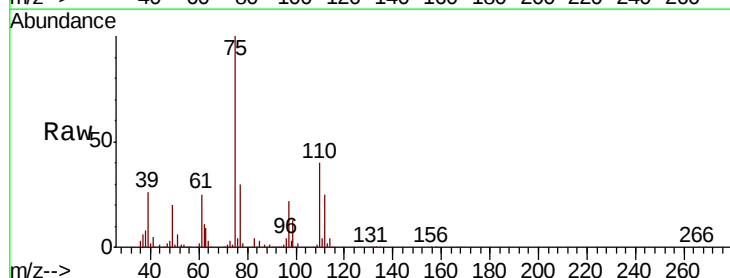
Acq: 12 Jul 2019 22:39

Tgt Ion: 75 Resp: 66050

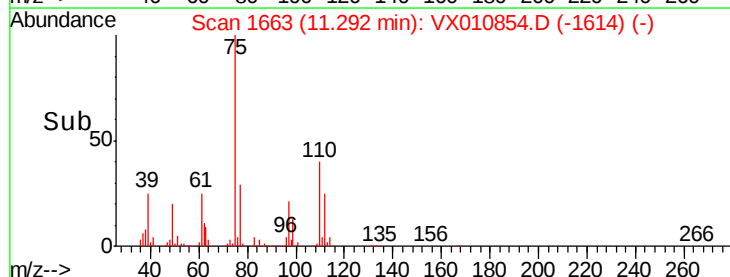
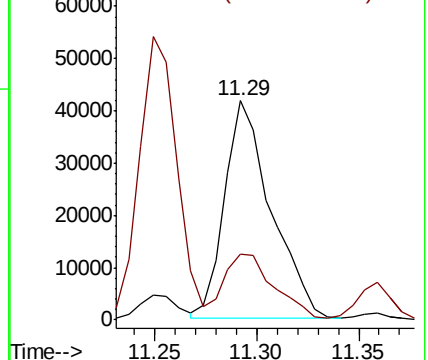
Ion Ratio Lower Upper

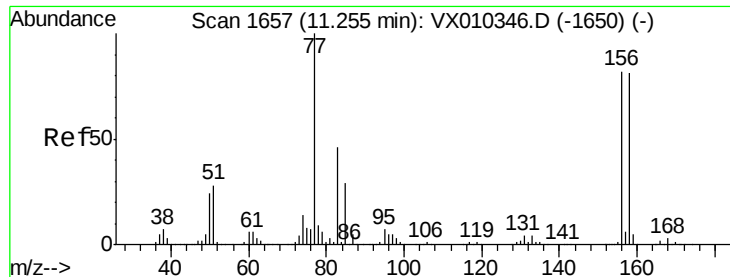
75 100

77 32.6 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: 18.776 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

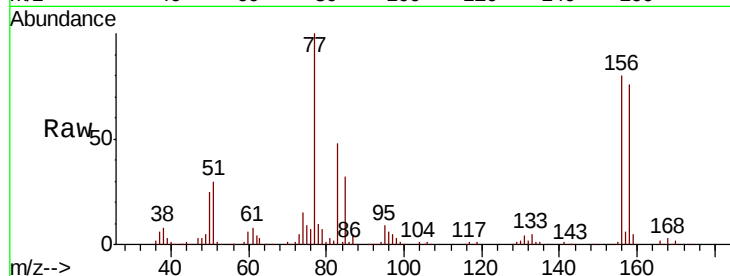
Tot Ion:156 Resp: 51682

Ion Ratio Lower Upper

156 100

77 134.3 66.3 198.7

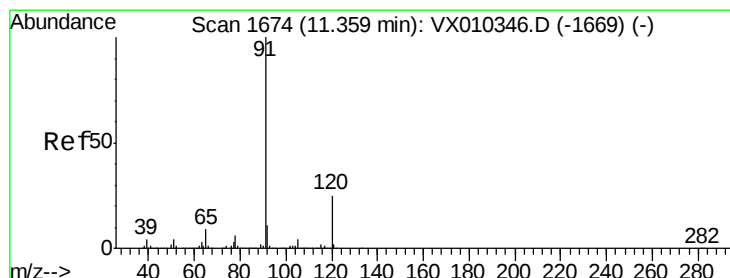
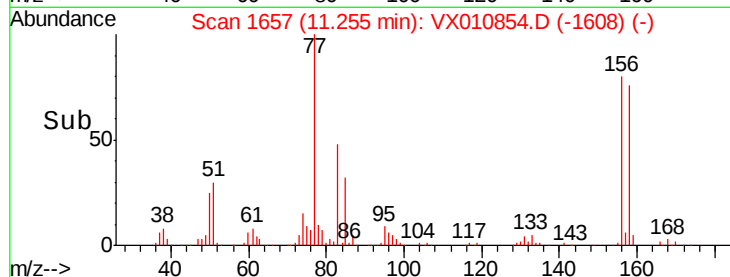
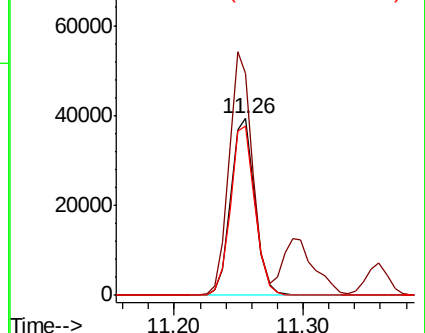
158 96.2 48.9 146.7



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: 19.291 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010854.D

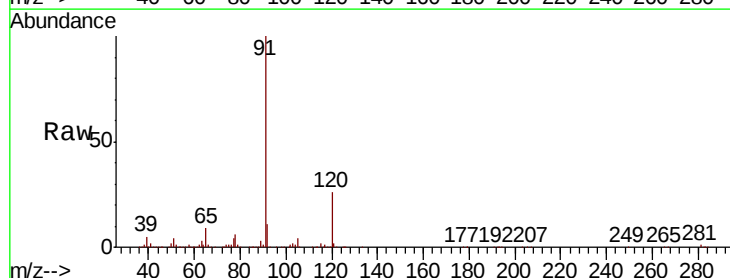
Acq: 12 Jul 2019 22:39

Tgt Ion: 91 Resp: 208997

Ion Ratio Lower Upper

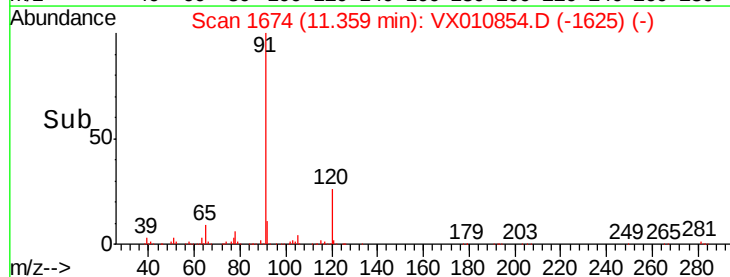
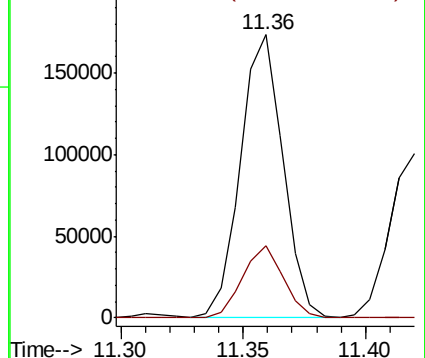
91 100

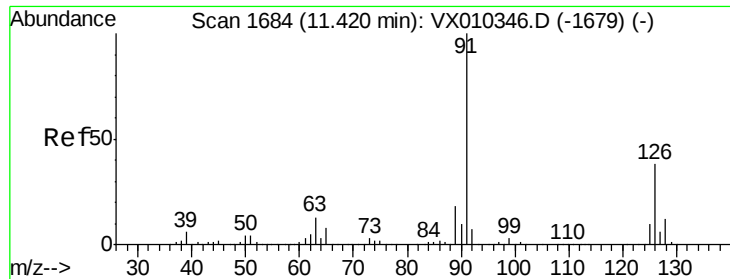
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

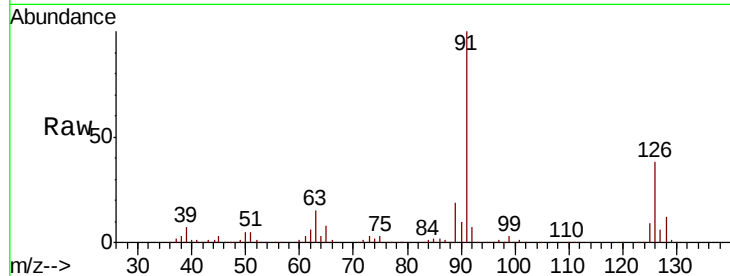




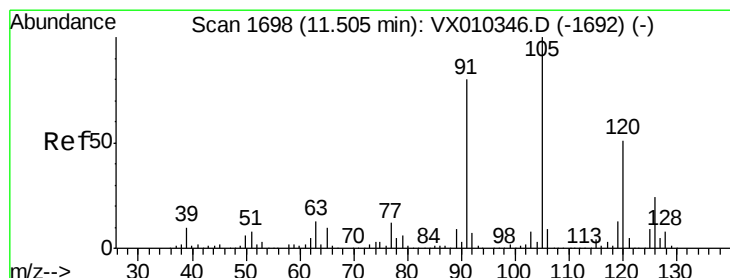
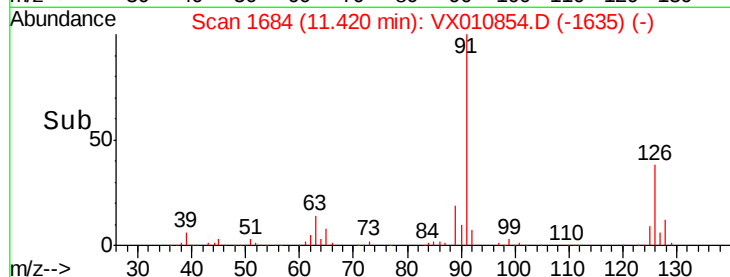
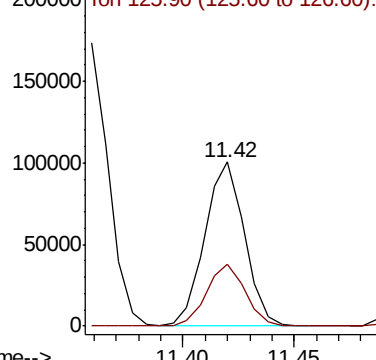
#79
 2-Chlorotoluene
 Concen: 19.261 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion: 91 Resp: 124258
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1

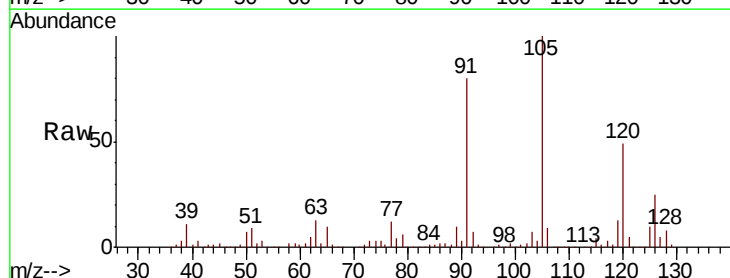


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

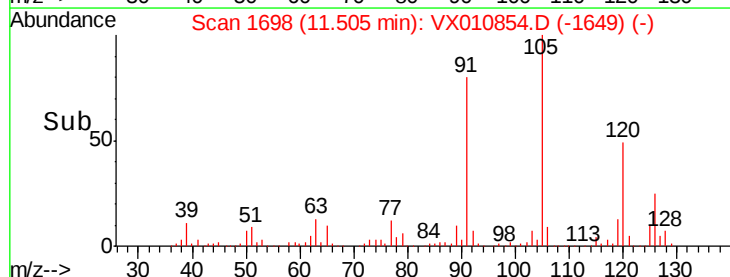
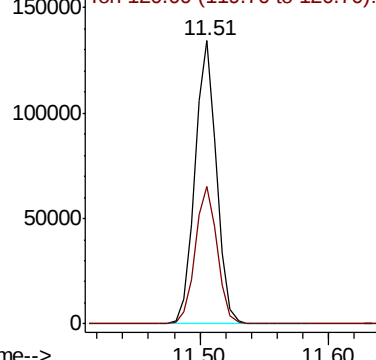


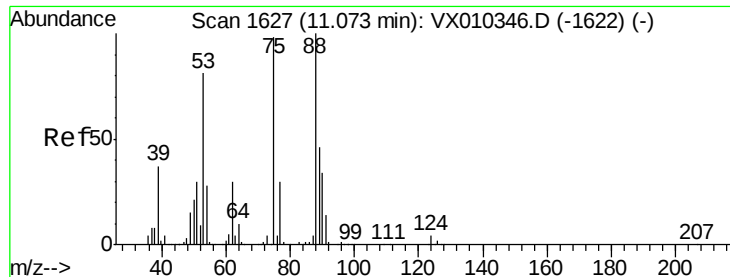
#80
 1,3,5-Trimethylbenzene
 Concen: 19.461 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion:105 Resp: 158150
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 12.766 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

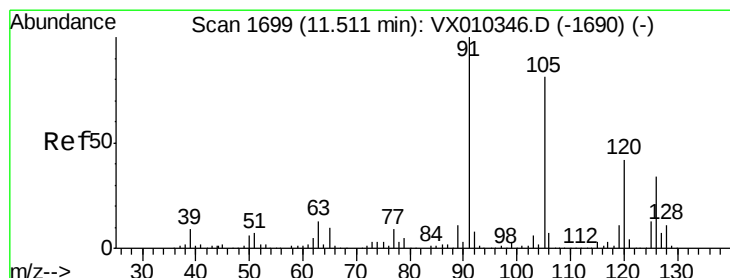
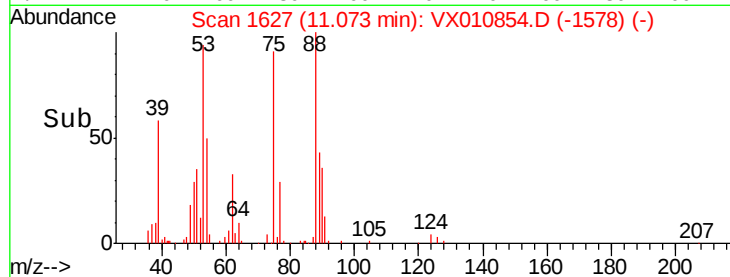
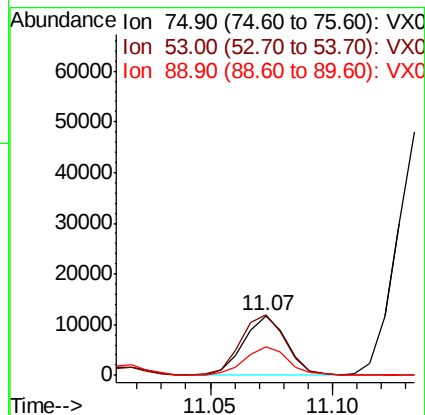
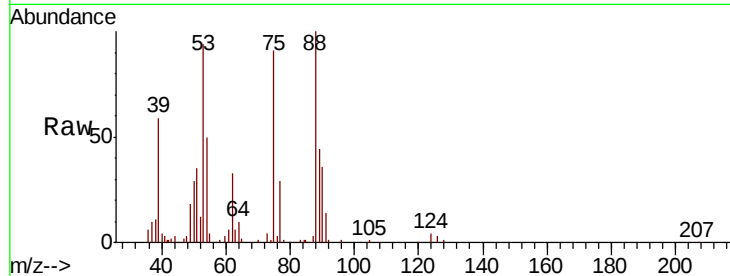
Tot Ion: 75 Resp: 14501

Ion Ratio Lower Upper

75 100

53 108.2 66.1 99.1#

89 48.8 37.8 56.6



#82

4-Chlorotoluene

Concen: 19.454 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX010854.D

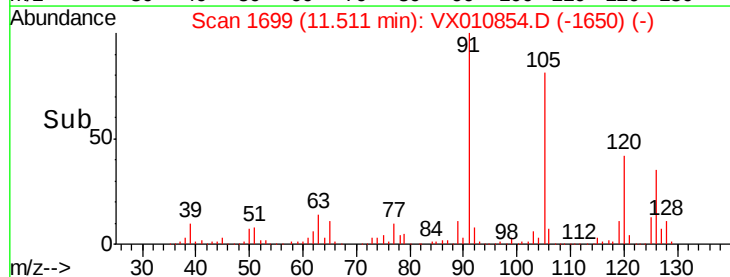
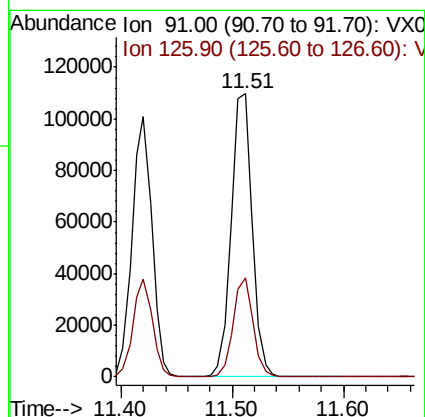
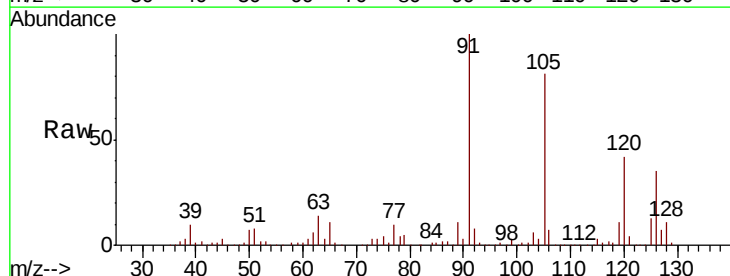
Acq: 12 Jul 2019 22:39

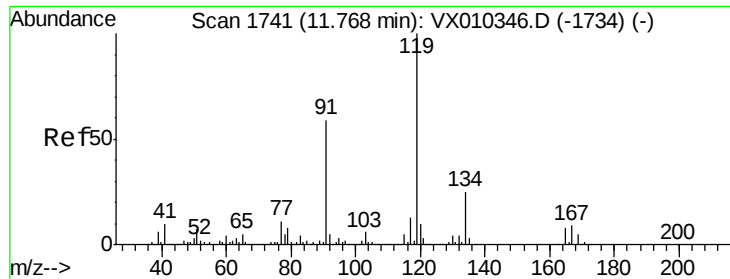
Tgt Ion: 91 Resp: 142812

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6

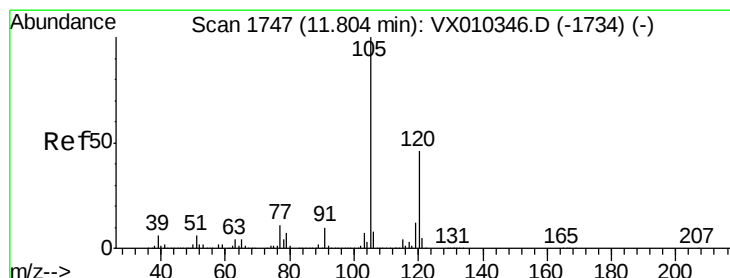
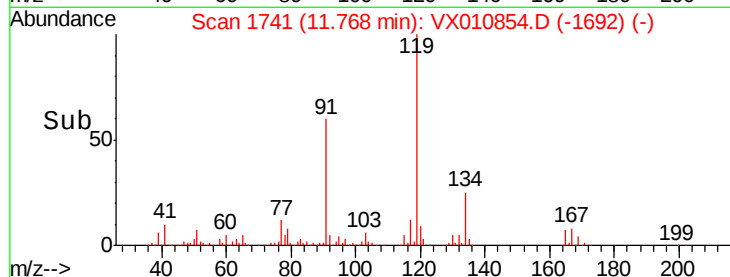
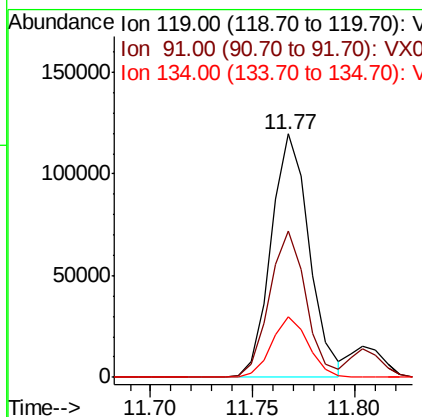
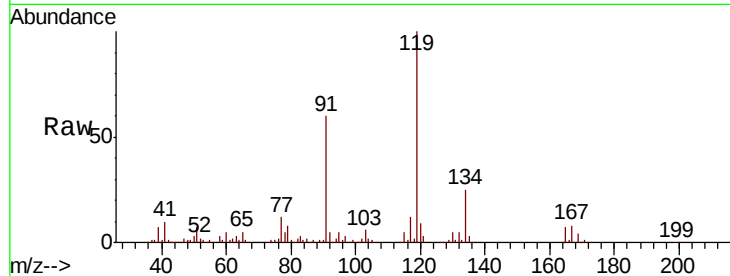




#83
tert-Butylbenzene
Concen: 19.110 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

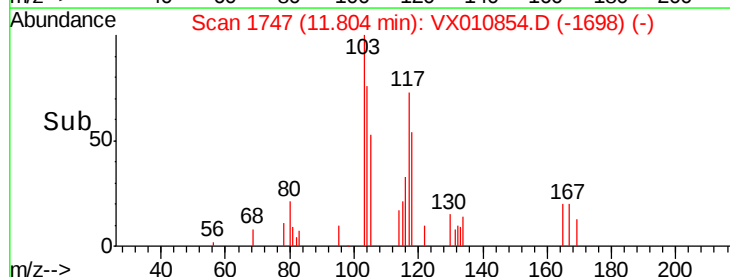
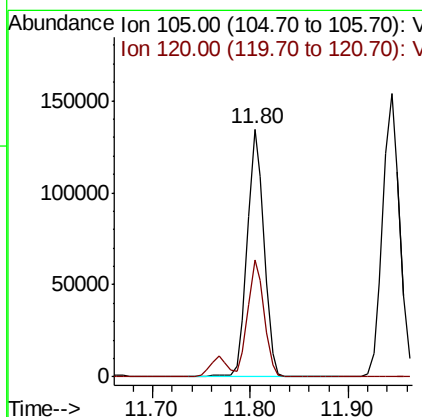
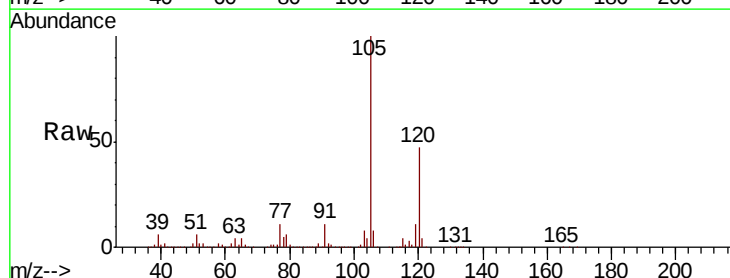
Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion:119 Resp: 155873
Ion Ratio Lower Upper
119 100
91 57.9 27.6 82.7
134 24.1 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 19.618 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:105 Resp: 160171
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

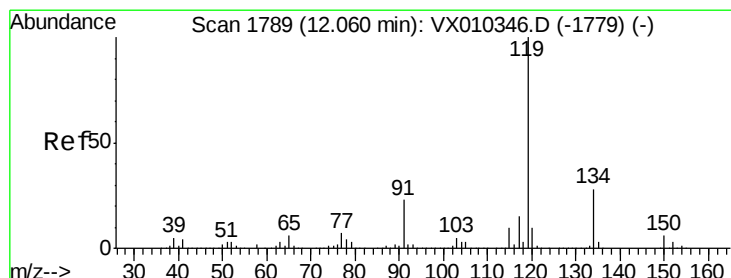
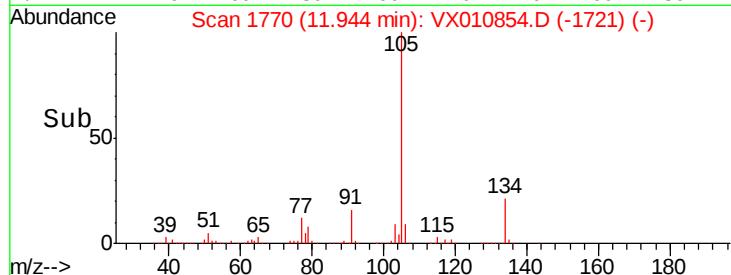
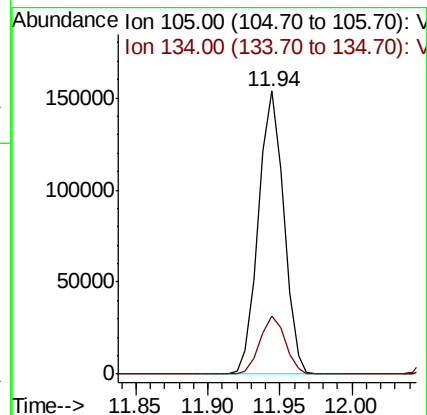
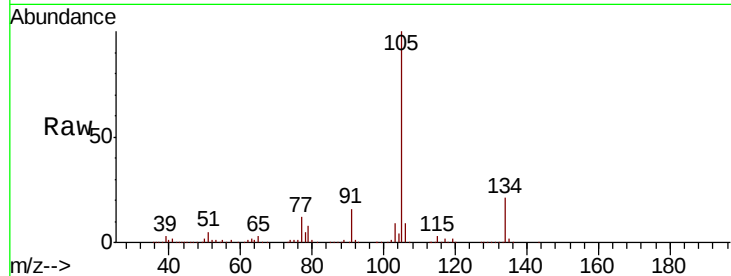
VX0712MBS01

Tot Ion:105 Resp: 185912

Ion Ratio Lower Upper

105 100

134 20.7 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.019 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

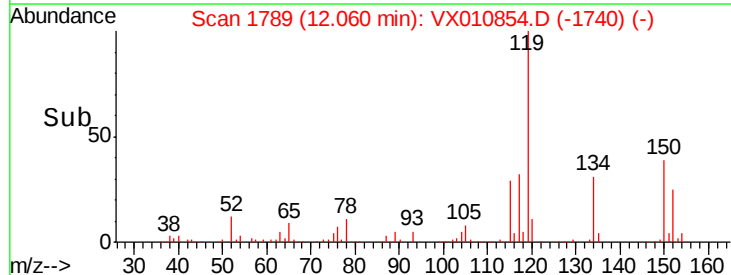
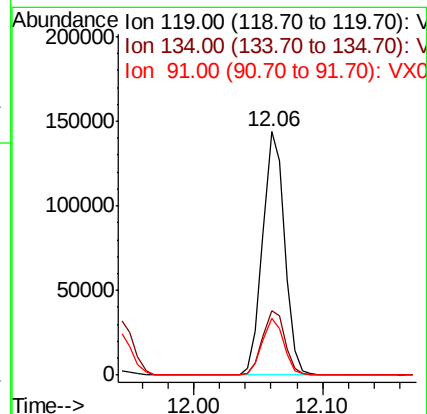
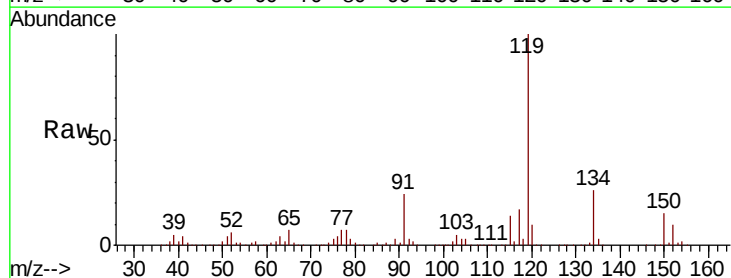
Tgt Ion:119 Resp: 168478

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.3 11.3 33.8

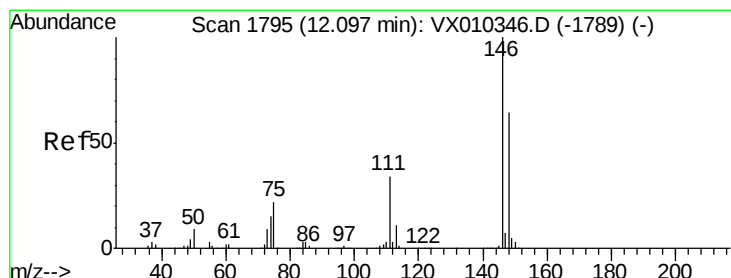
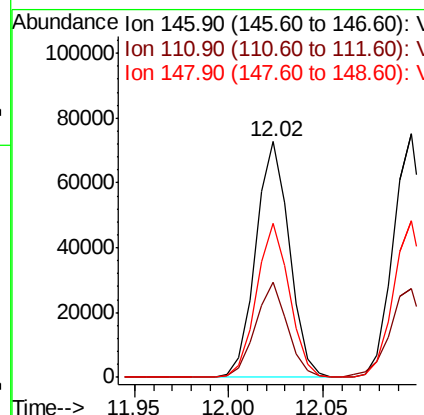
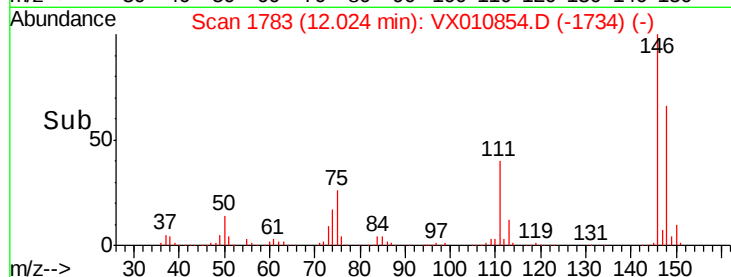
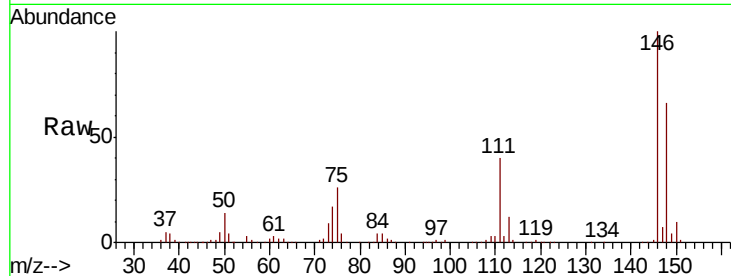




#87
 1,3-Dichlorobenzene
 Concen: 18.652 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

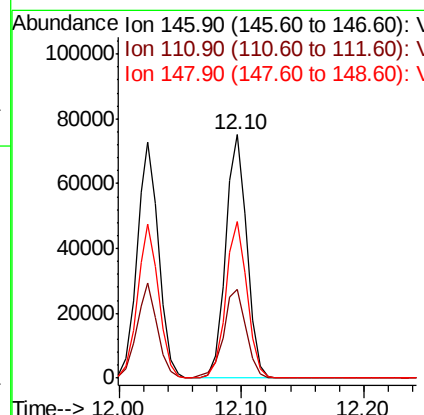
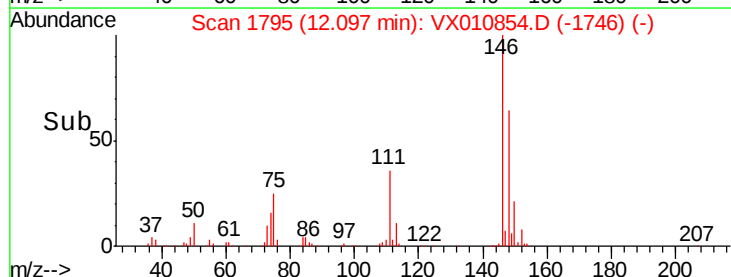
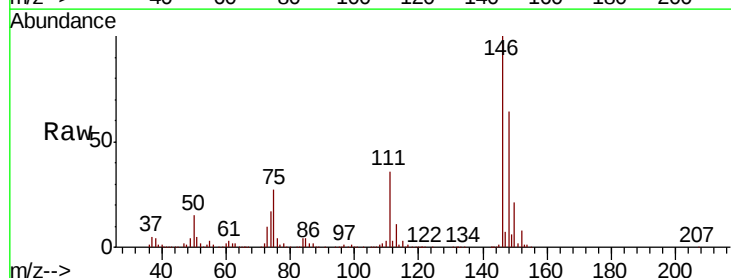
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

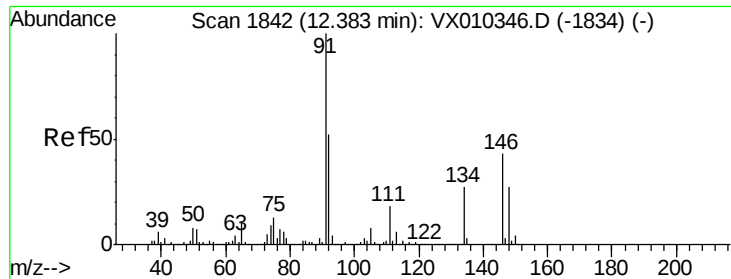
Tot Ion:146 Resp: 89616
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.411 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion:146 Resp: 90055
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.1 54.3
 148 64.8 32.1 96.3

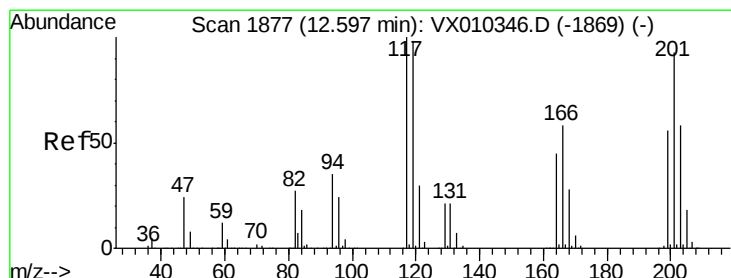
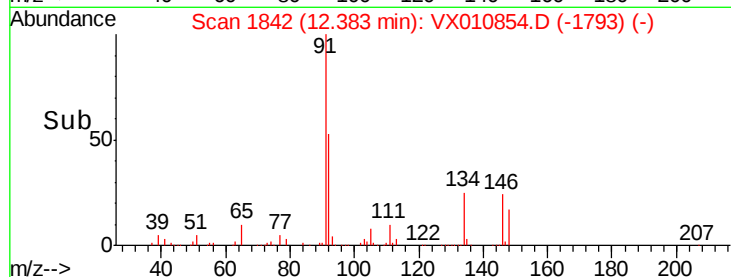
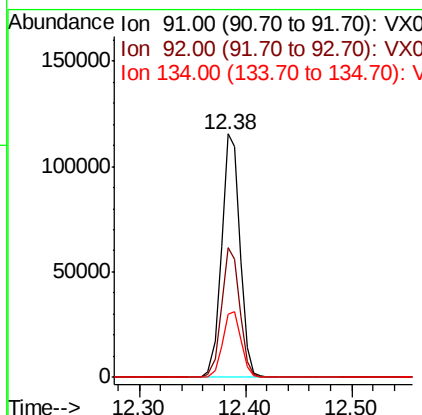
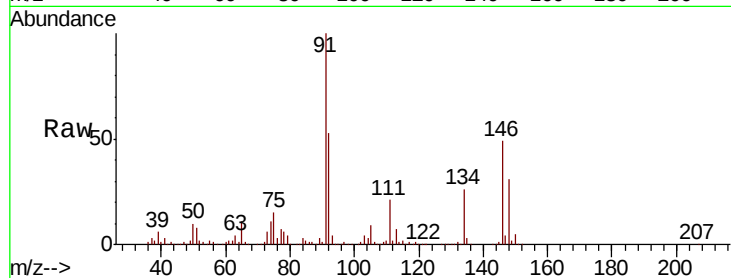




#89
n-Butylbenzene
Concen: 18.480 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

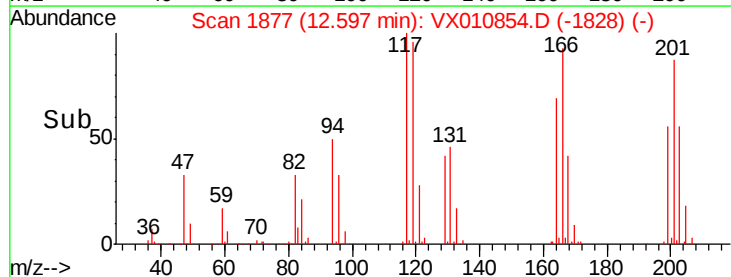
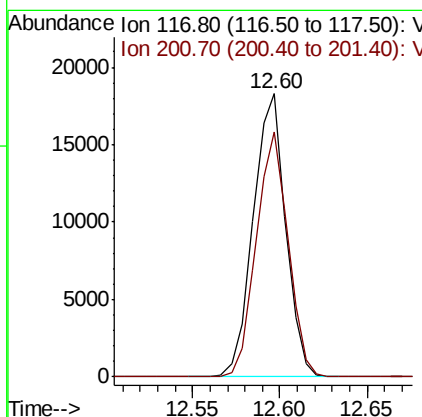
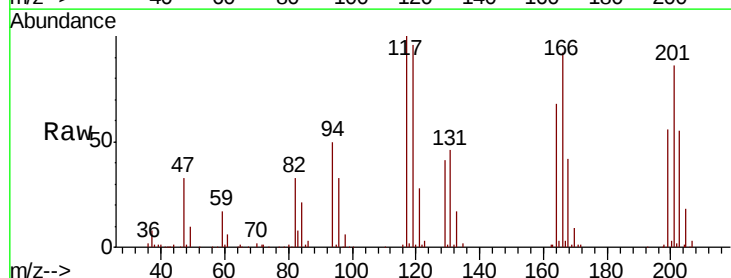
Instrument :
MSVOA_X
ClientSampled :
VX0712MBS01

Tot Ion: 91 Resp: 139104
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 15.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 117 Resp: 23550
Ion Ratio Lower Upper
117 100
201 84.6 44.0 131.8

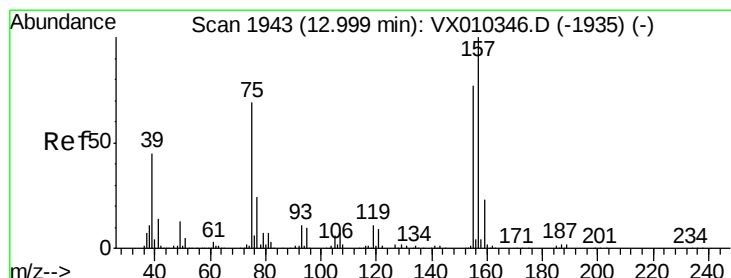
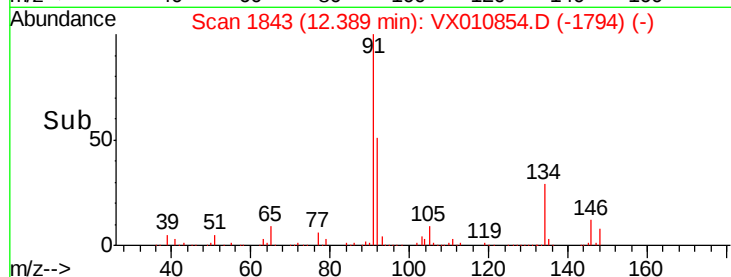
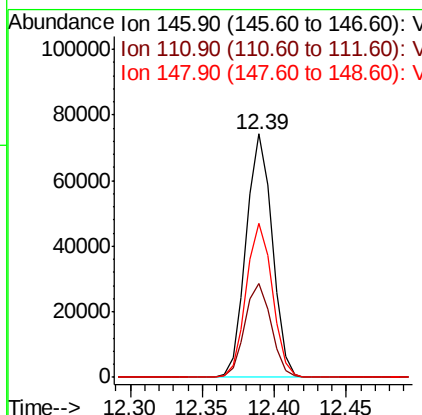
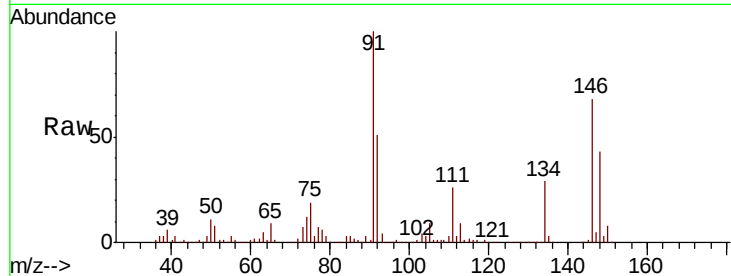




#91
 1,2-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

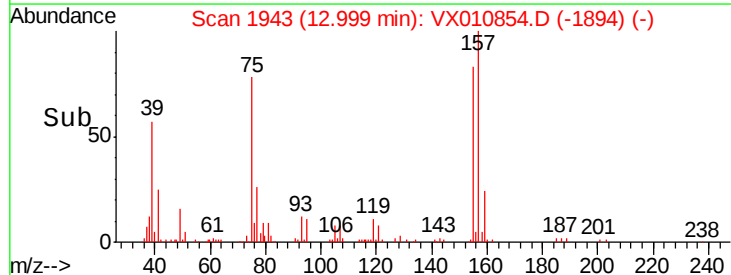
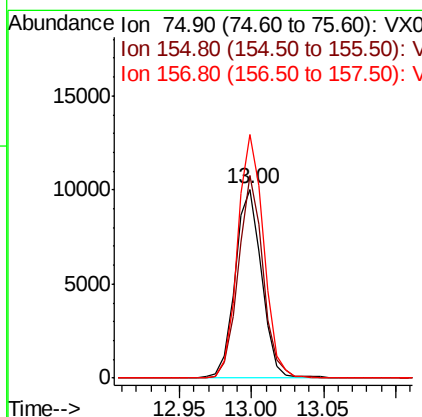
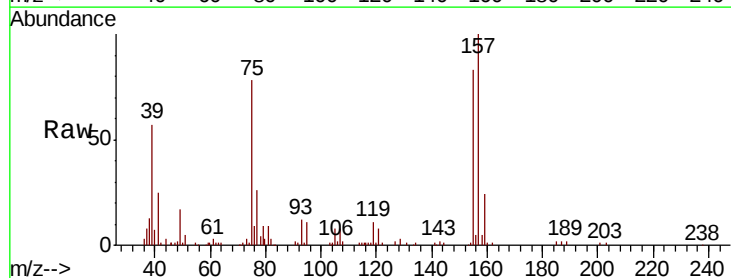
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.332 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	54.4	163.1
157	125.7	69.5	208.3

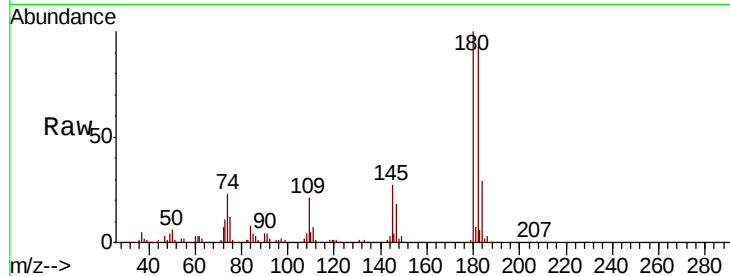




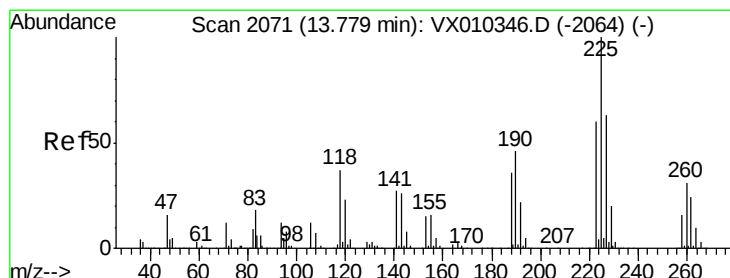
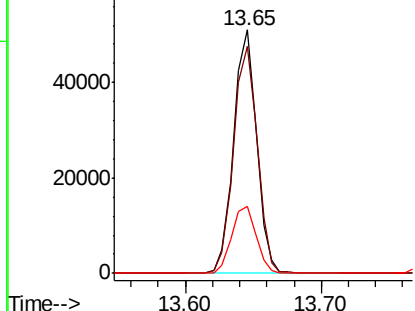
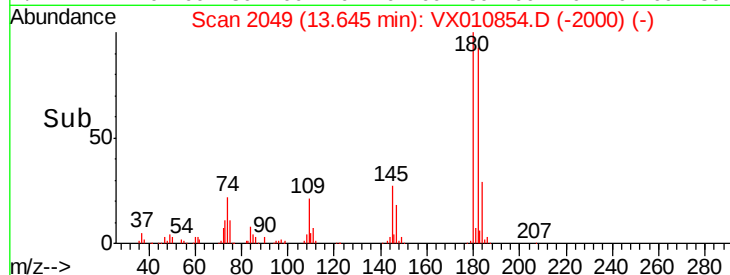
#93
 1,2,4-Trichlorobenzene
 Concen: 18.202 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion:180 Resp: 60277
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.0
 145 29.5 14.4 43.4

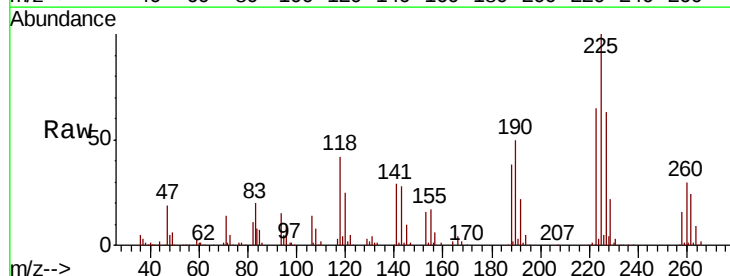


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

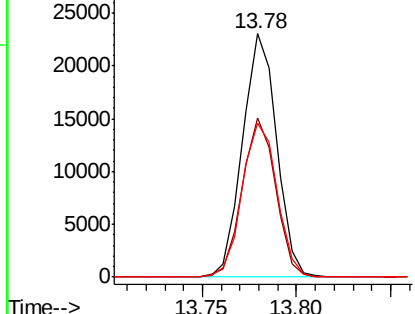
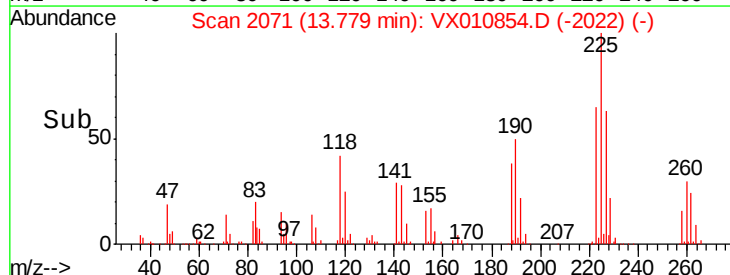


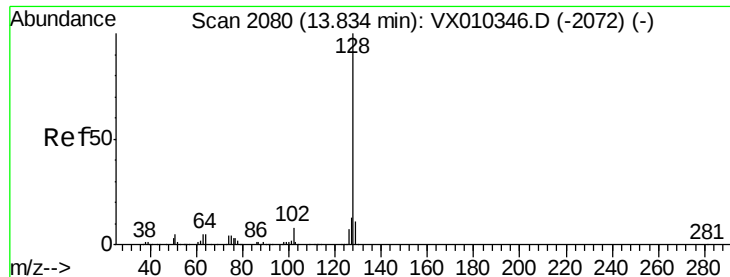
#94
 Hexachlorobutadiene
 Concen: 17.896 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion:225 Resp: 28965
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.7
 227 64.6 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: 18.964 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

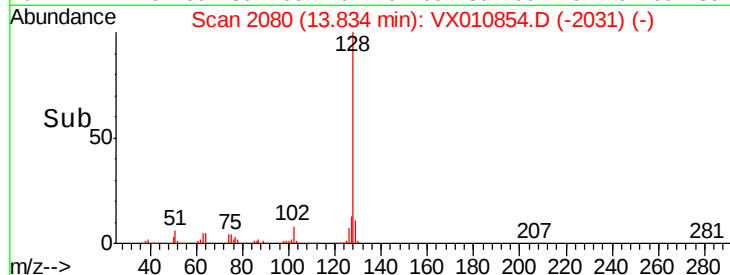
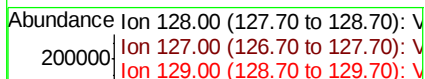
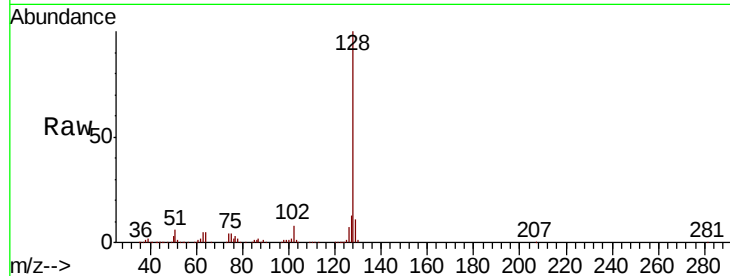
Tot Ion:128 Resp: 192988

Ion Ratio Lower Upper

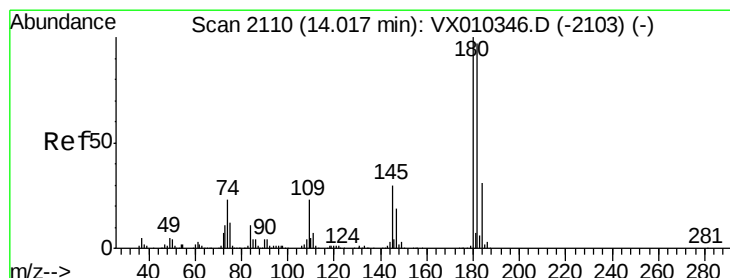
128 100

127 12.6 10.2 15.4

129 10.8 8.9 13.3



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.859 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

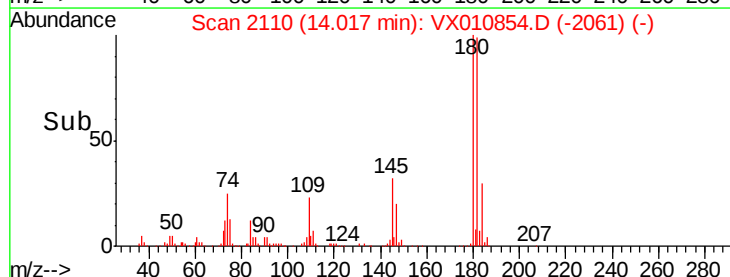
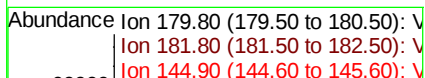
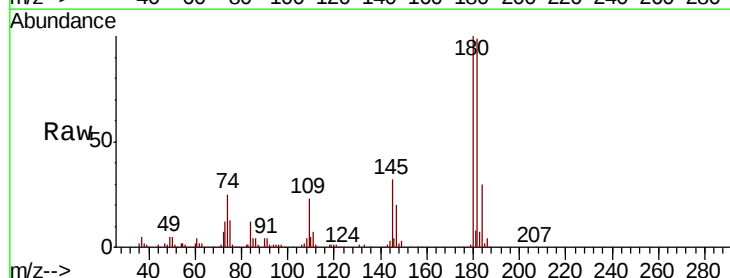
Tgt Ion:180 Resp: 62094

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 30.9 15.2 45.6



Time-->