

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010799.D
 Acq On : 11 Jul 2019 12:06
 Operator : JC/SP
 Sample : VX0711WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Quant Time: Jul 12 06:51:22 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	5.67	168	226339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	95031	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
35) Dibromofluoromethane	5.50	113	90338	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	
50) Toluene-d8	8.71	98	331420	41.15	ug/l	0.00
Spiked Amount			Recovery	=	82.30%	
62) 4-Bromofluorobenzene	11.13	95	120277	41.36	ug/l	0.00
Spiked Amount			Recovery	=	82.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32180	20.450	ug/l	98
3) Chloromethane	1.33	50	34600	18.883	ug/l	96
4) Vinyl Chloride	1.41	62	37949	18.909	ug/l	97
5) Bromomethane	1.64	94	23203	23.731	ug/l	99
6) Chloroethane	1.72	64	25129	21.223	ug/l	99
7) Trichlorofluoromethane	1.93	101	64808	20.370	ug/l	98
8) Diethyl Ether	2.19	74	23036	20.191	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36570	18.968	ug/l	98
10) Methyl Iodide	2.51	142	45689	16.605	ug/l	98
11) Tert butyl alcohol	3.04	59	47994	86.429	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36831	18.774	ug/l	98
13) Acrolein	2.29	56	24877	67.532	ug/l	97
14) Allyl chloride	2.73	41	51789	18.594	ug/l	98
15) Acrylonitrile	3.14	53	106028	96.439	ug/l	99
16) Acetone	2.45	43	89983	84.606	ug/l	98
17) Carbon Disulfide	2.57	76	83691	15.901	ug/l	100
18) Methyl Acetate	2.78	43	41417	19.539	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	116760	18.918	ug/l	100
20) Methylene Chloride	2.85	84	42188	19.275	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	38161	18.086	ug/l	98
22) Diisopropyl ether	3.86	45	112178	19.263	ug/l	89
23) Vinyl Acetate	3.82	43	483844	96.177	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65470	19.450	ug/l	99
25) 2-Butanone	4.67	43	143799	92.173	ug/l	98
26) 2,2-Dichloropropane	4.58	77	48309	16.521	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	45280	18.571	ug/l	99
28) Bromochloromethane	5.01	49	27960	17.373	ug/l	96
29) Tetrahydrofuran	5.13	42	91401	94.585	ug/l	99
30) Chloroform	5.21	83	69536	19.200	ug/l	98
31) Cyclohexane	5.58	56	57259	18.680	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58938	18.430	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49403	18.068	ug/l	98
37) Ethyl Acetate	4.83	43	53495	19.018	ug/l	99
38) Carbon Tetrachloride	5.79	117	51401	17.360	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010799.D
 Acq On : 11 Jul 2019 12:06
 Operator : JC/SP
 Sample : VX0711WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Quant Time: Jul 12 06:51:22 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)
39) Methylcyclohexane	7.46	83	62032	17.259	ug/l	93
40) Benzene	6.14	78	158262	18.578	ug/l	100
41) Methacrylonitrile	5.04	41	28307	18.341	ug/l	97
42) 1,2-Dichloroethane	6.20	62	52338	20.184	ug/l	99
43) Isopropyl Acetate	6.45	43	84307	18.115	ug/l	98
44) Trichloroethene	7.21	130	46100	18.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	40328	18.747	ug/l	100
46) Dibromomethane	7.66	93	28096	18.204	ug/l	97
47) Bromodichloromethane	7.90	83	48821	17.260	ug/l	99
48) Methyl methacrylate	7.77	41	40667	18.799	ug/l	96
49) 1,4-Dioxane	7.74	88	22398	359.421	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	285356	95.870	ug/l	98
52) Toluene	8.78	92	102142	18.208	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50040	15.780	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58209	16.891	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42061	18.180	ug/l	97
56) Ethyl methacrylate	9.18	69	62309	17.778	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67211	18.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	137303	82.487	ug/l	100
59) 2-Hexanone	9.49	43	220144	93.974	ug/l	97
60) Dibromochloromethane	9.58	129	42000	16.213	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45850	18.360	ug/l	98
64) Tetrachloroethene	9.34	164	46026	18.074	ug/l	99
65) Chlorobenzene	10.13	112	115784	18.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	41409	17.785	ug/l	98
67) Ethyl Benzene	10.25	91	197903	18.339	ug/l	98
68) m/p-Xylenes	10.36	106	151257	36.175	ug/l	99
69) o-Xylene	10.69	106	73989	17.994	ug/l	99
70) Styrene	10.71	104	126038	18.277	ug/l	99
71) Bromoform	10.85	173	30130	14.881	ug/l #	99
73) Isopropylbenzene	11.02	105	198886	18.455	ug/l	98
74) N-amyl acetate	10.90	43	74515	18.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66283	18.572	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68820	23.755	ug/l	82
77) Bromobenzene	11.26	156	53290	17.709	ug/l	98
78) n-propylbenzene	11.36	91	217800	18.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	129988	18.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	164268	18.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16862	13.578	ug/l #	84
82) 4-Chlorotoluene	11.51	91	148129	18.457	ug/l	99
83) tert-Butylbenzene	11.77	119	159072	17.839	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	164077	18.382	ug/l	98
85) sec-Butylbenzene	11.94	105	192199	18.357	ug/l	98
86) p-Isopropyltoluene	12.06	119	178154	18.396	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94433	17.978	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94961	17.758	ug/l	98
89) n-Butylbenzene	12.38	91	145694	17.704	ug/l	99
90) Hexachloroethane	12.59	117	24542	14.656	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	95680	18.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12381	16.090	ug/l	94

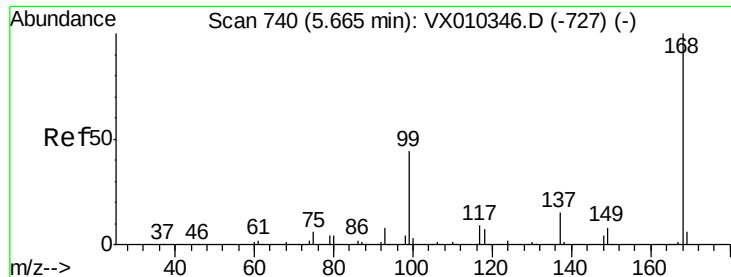
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
Data File : VX010799.D
Acq On : 11 Jul 2019 12:06
Operator : JC/SP
Sample : VX0711WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Quant Time: Jul 12 06:51:22 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)
93) 1,2,4-Trichlorobenzene	13.65	180	62839	17.357	ug/l	99
94) Hexachlorobutadiene	13.78	225	29830	16.859	ug/l	99
95) Naphthalene	13.83	128	186684	16.779	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63089	17.527	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

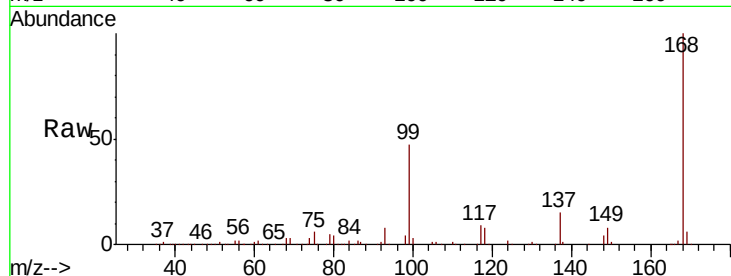
VX0711WBS01

Tot Ion:168 Resp: 226339

Ion Ratio Lower Upper

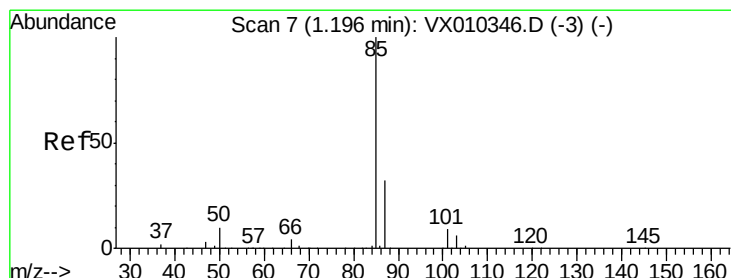
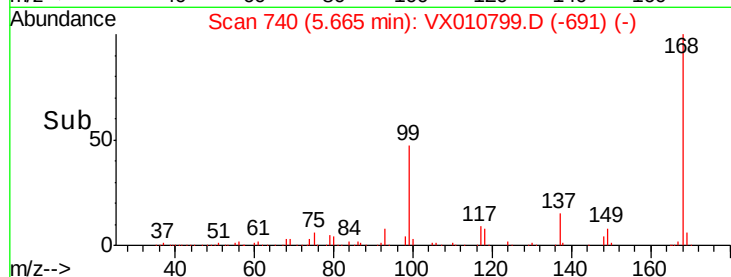
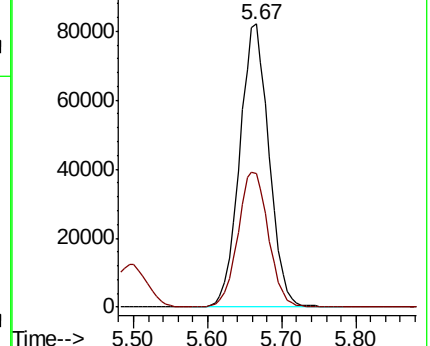
168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.450 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010799.D

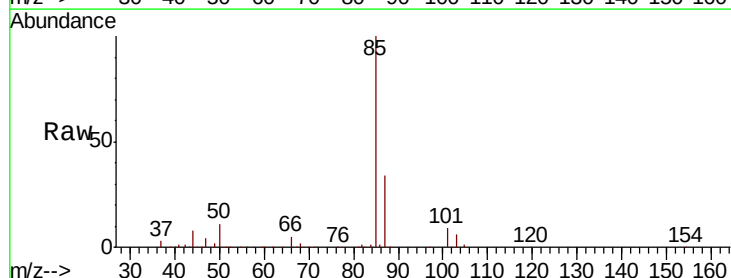
Acq: 11 Jul 2019 12:06

Tgt Ion: 85 Resp: 32180

Ion Ratio Lower Upper

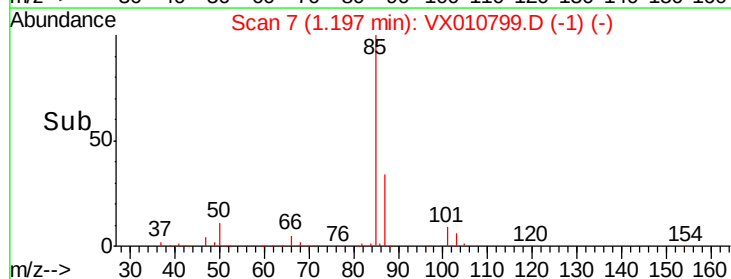
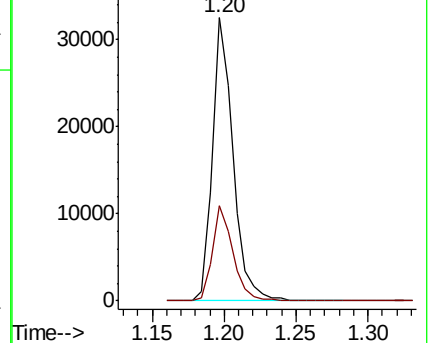
85 100

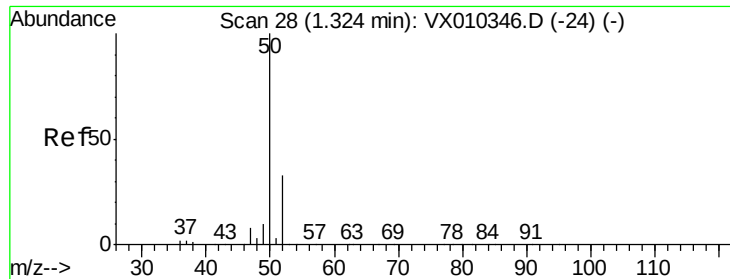
87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.883 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

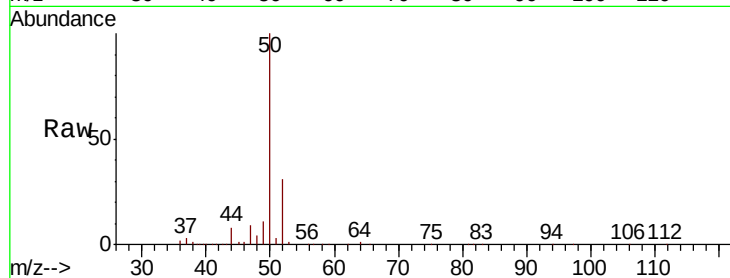
VX0711WBS01

Tot Ion: 50 Resp: 34600

Ion Ratio Lower Upper

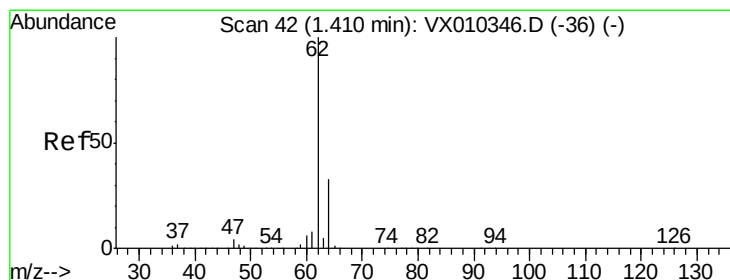
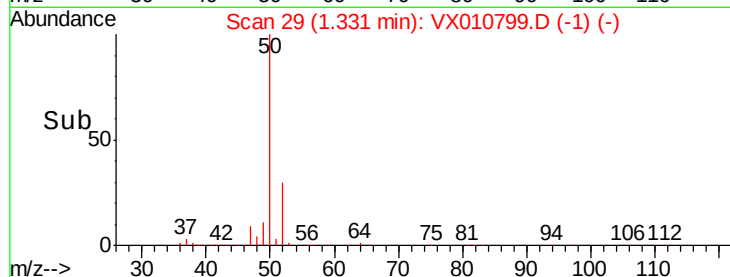
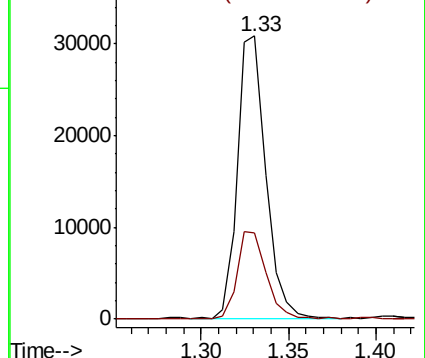
50 100

52 30.7 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: 18.909 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010799.D

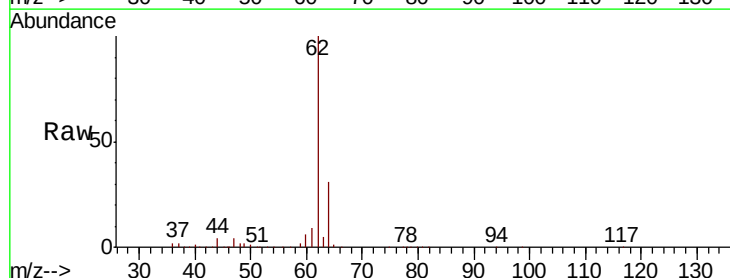
Acq: 11 Jul 2019 12:06

Tgt Ion: 62 Resp: 37949

Ion Ratio Lower Upper

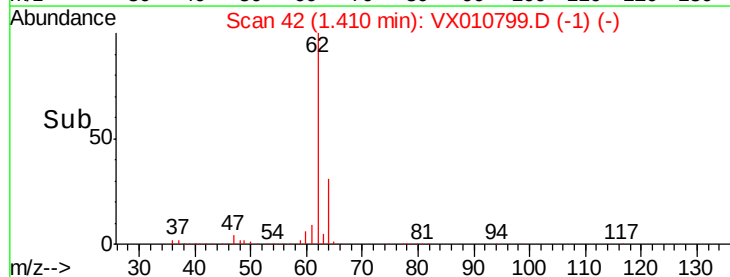
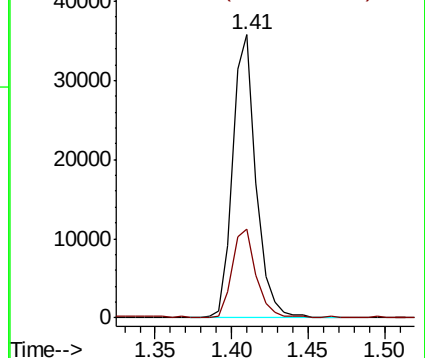
62 100

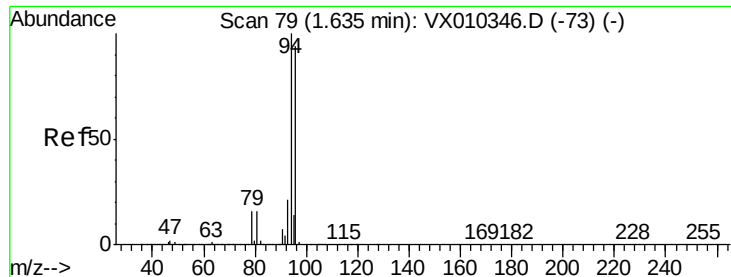
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.731 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

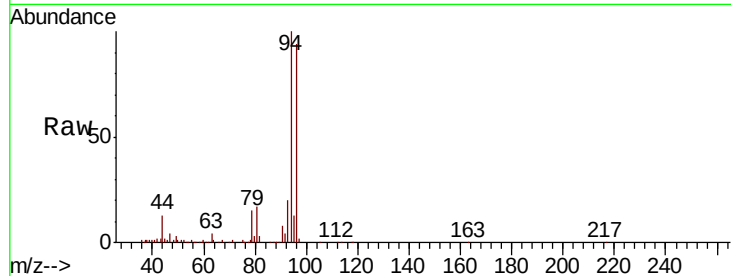
VX0711WBS01

Tot Ion: 94 Resp: 23203

Ion Ratio Lower Upper

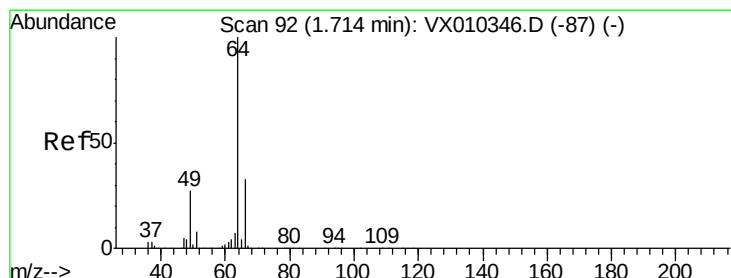
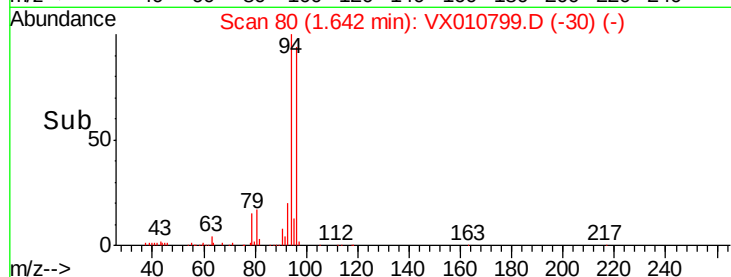
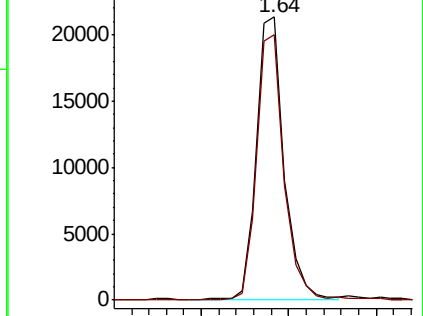
94 100

96 93.7 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: 21.223 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010799.D

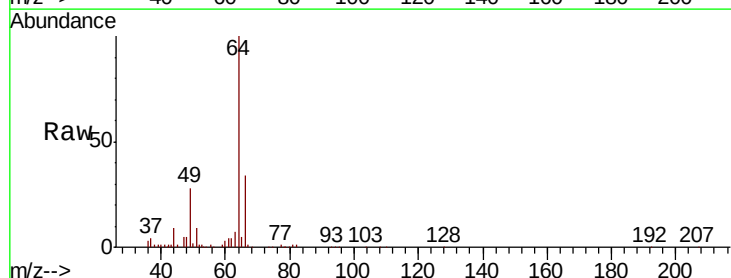
Acq: 11 Jul 2019 12:06

Tgt Ion: 64 Resp: 25129

Ion Ratio Lower Upper

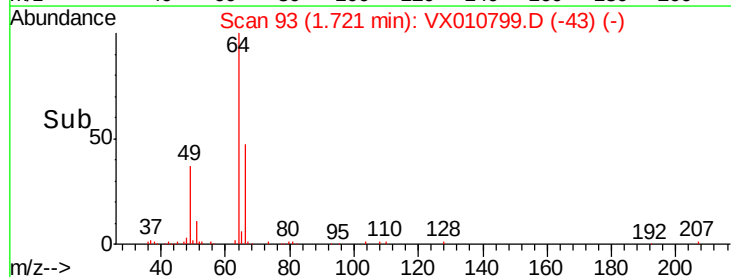
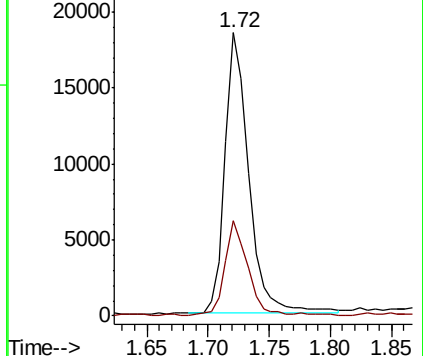
64 100

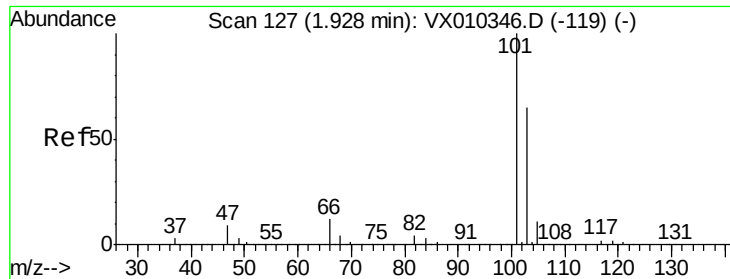
66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



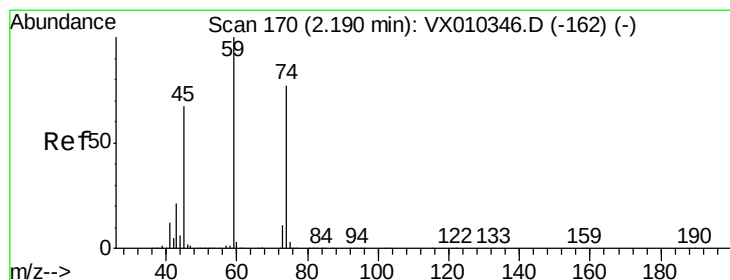
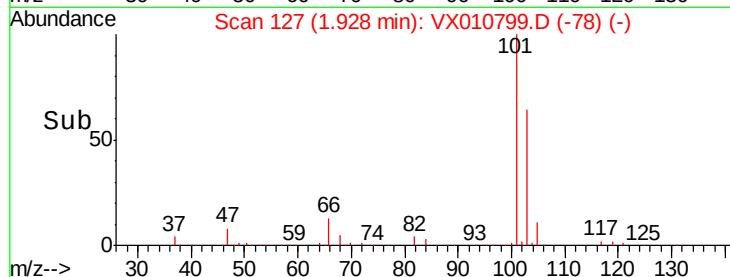
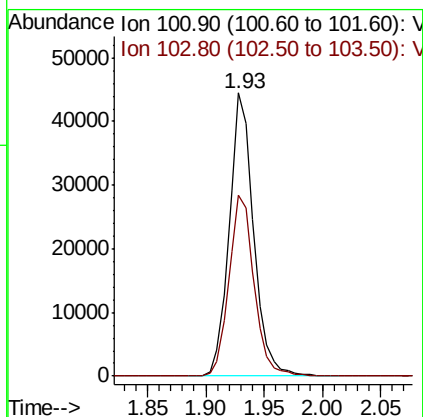
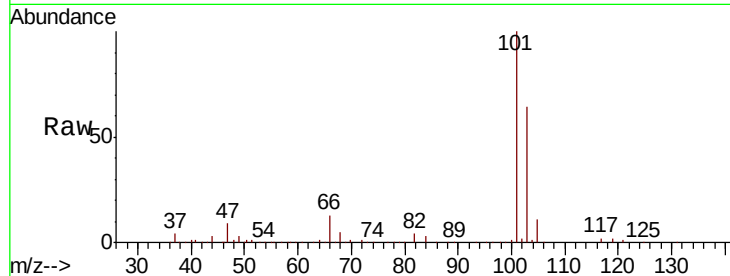


#7

Trichlorofluoromethane
Concen: 20.370 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

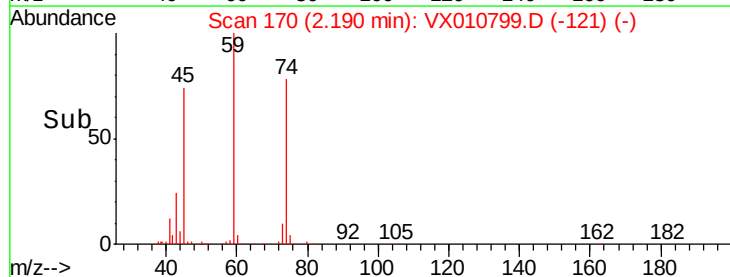
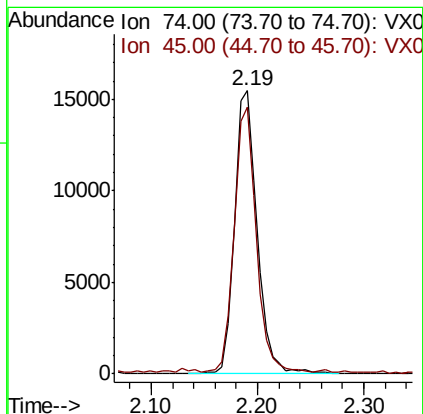
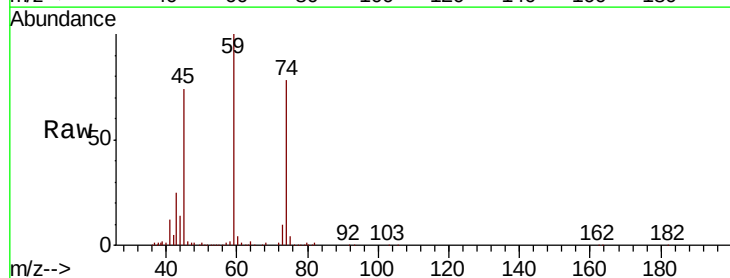
Tot Ion:101 Resp: 64808
Ion Ratio Lower Upper
101 100
103 63.9 52.3 78.5

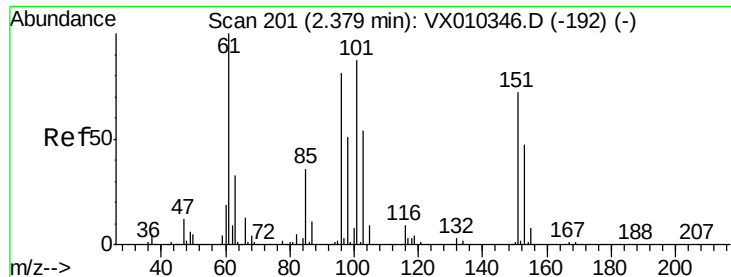


#8

Diethyl Ether
Concen: 20.191 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 74 Resp: 23036
Ion Ratio Lower Upper
74 100
45 90.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.968 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

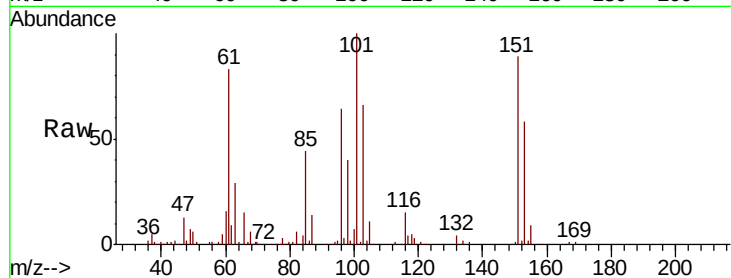
Tot Ion:101 Resp: 36570

Ion Ratio Lower Upper

101 100

85 44.6 33.7 50.5

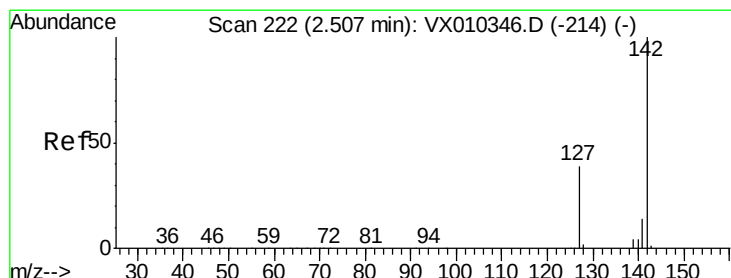
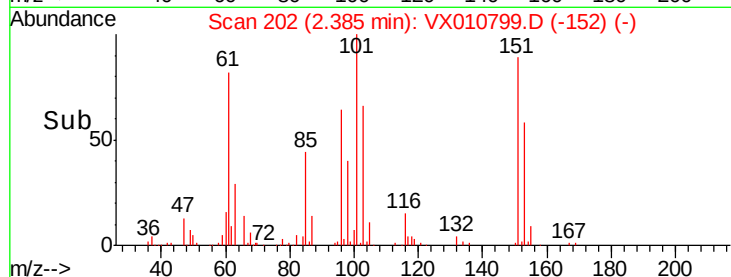
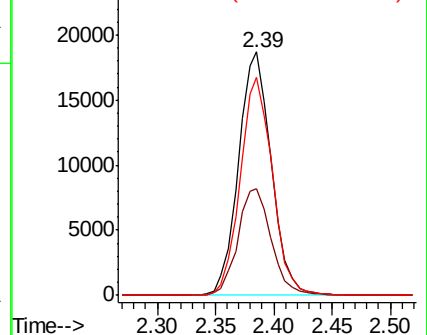
151 88.1 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.605 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

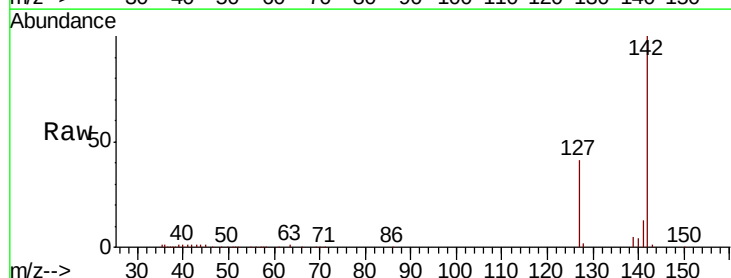
Tgt Ion:142 Resp: 45689

Ion Ratio Lower Upper

142 100

127 40.6 31.1 46.7

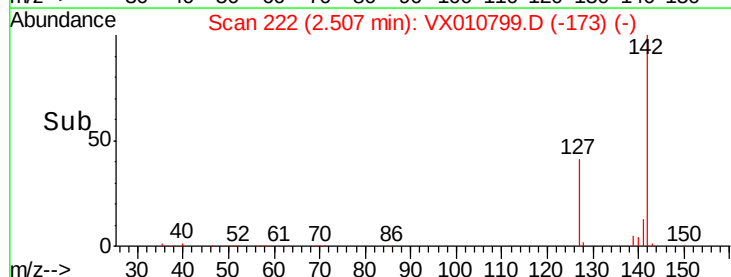
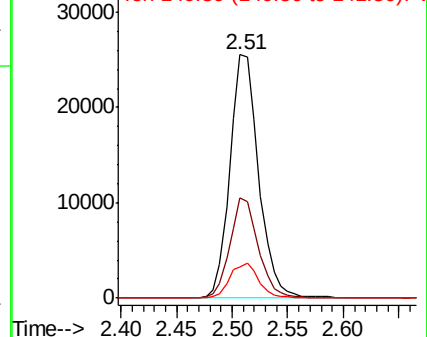
141 14.4 11.2 16.8

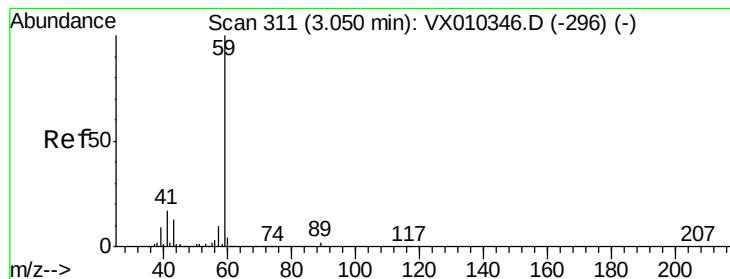


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.429 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

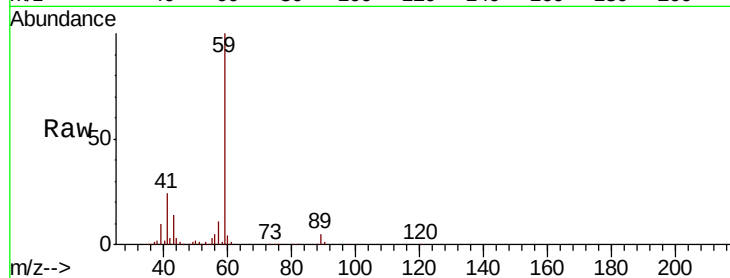
VX0711WBS01

Tot Ion: 59 Resp: 47994

Ion Ratio Lower Upper

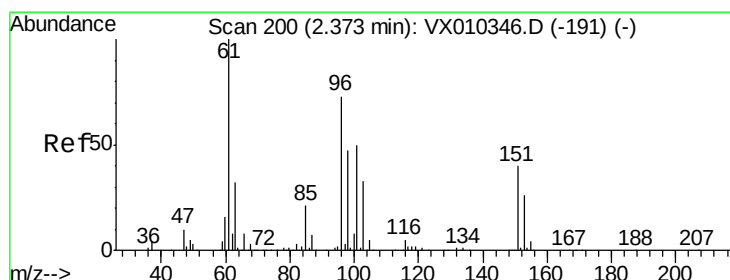
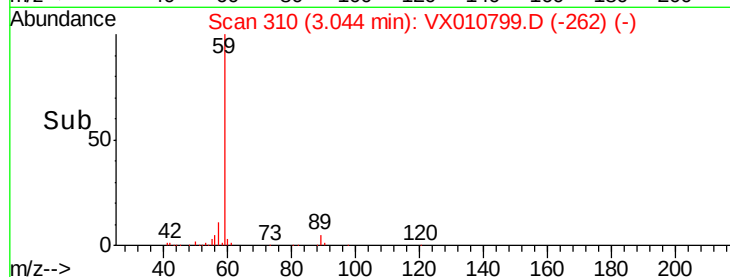
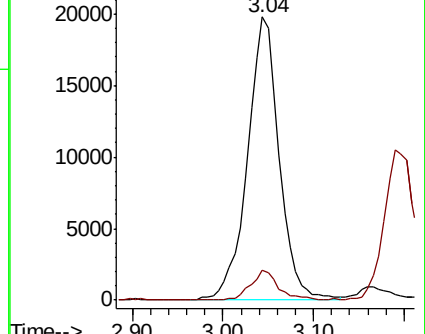
59 100

57 9.2 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: 18.774 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

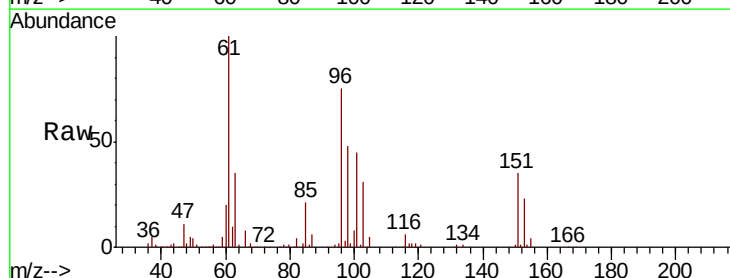
Tgt Ion: 96 Resp: 36831

Ion Ratio Lower Upper

96 100

61 133.3 109.2 163.8

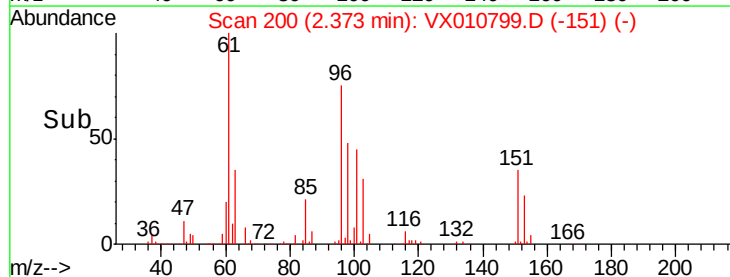
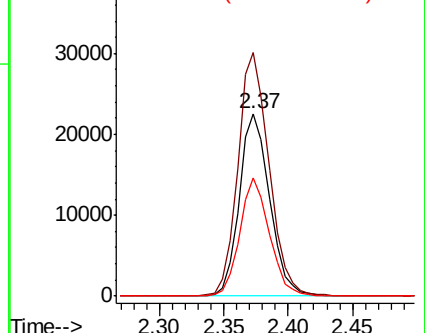
98 64.4 51.1 76.7

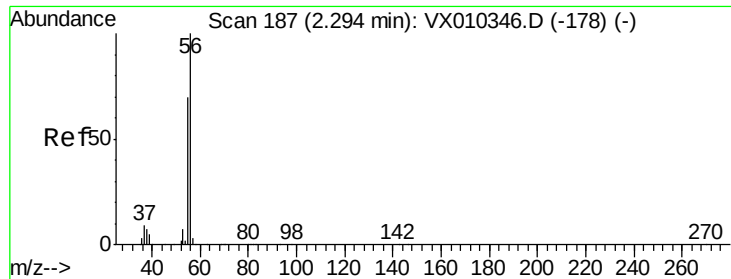


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 67.532 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

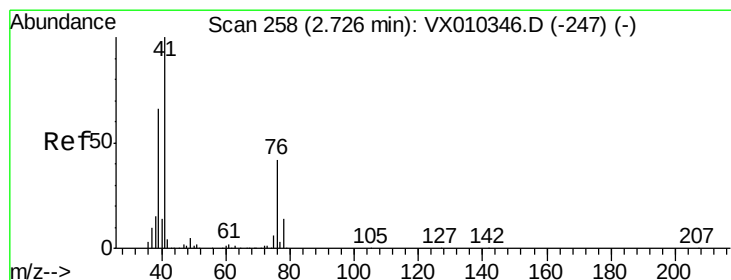
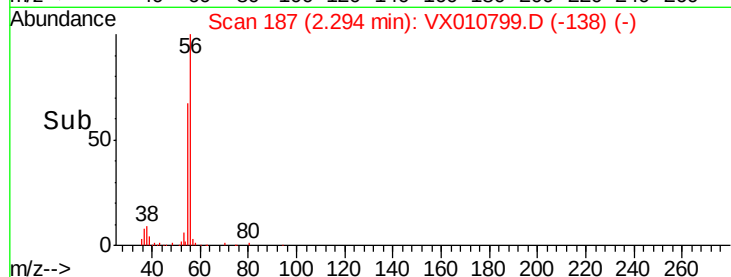
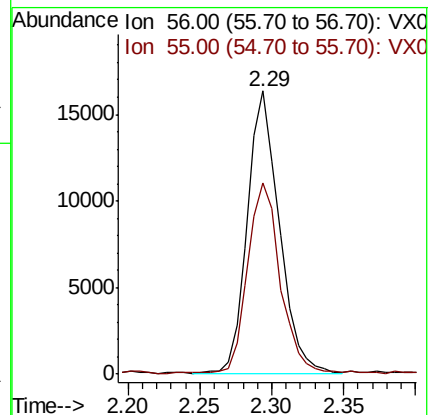
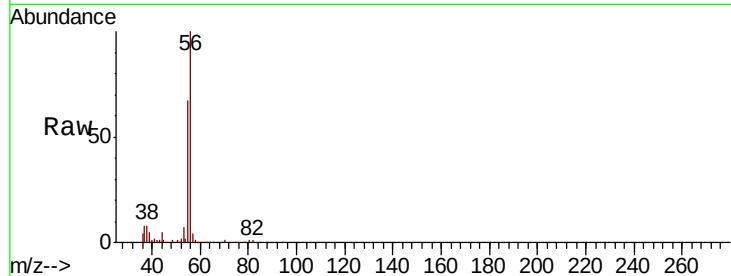
VX0711WBS01

Tot Ion: 56 Resp: 24877

Ion Ratio Lower Upper

56 100

55 68.4 56.9 85.3



#14

Allyl chloride

Concen: 18.594 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

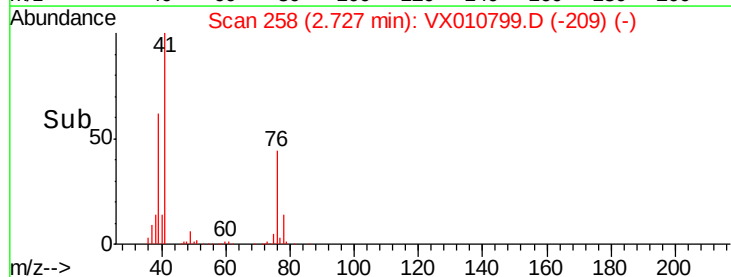
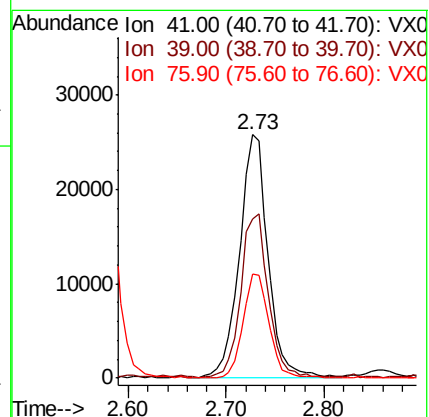
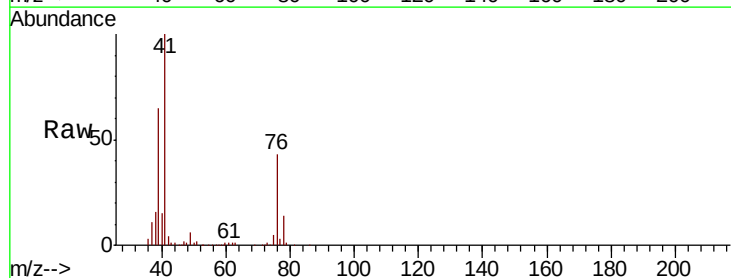
Tgt Ion: 41 Resp: 51789

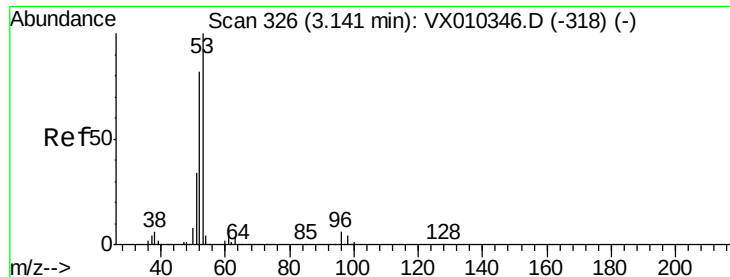
Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 96.439 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

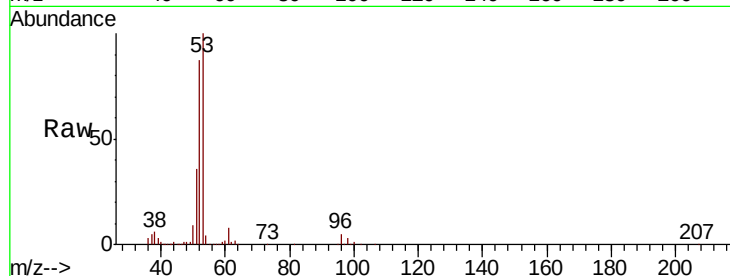
Tot Ion: 53 Resp: 106028

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

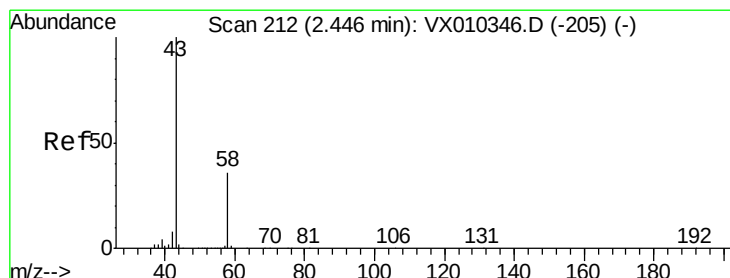
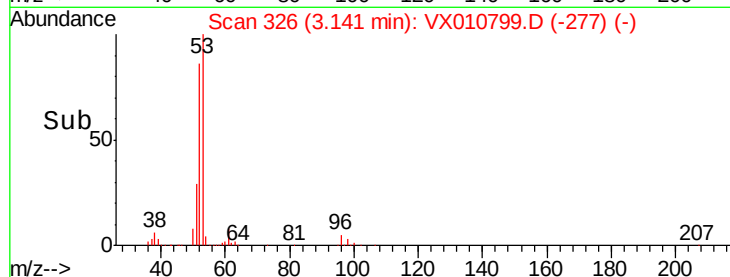
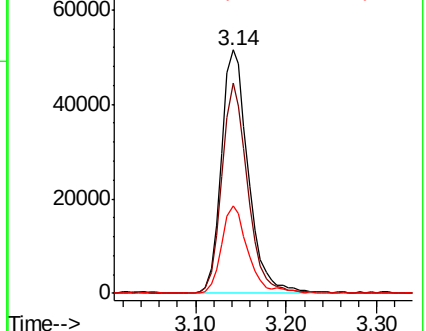
51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.606 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010799.D

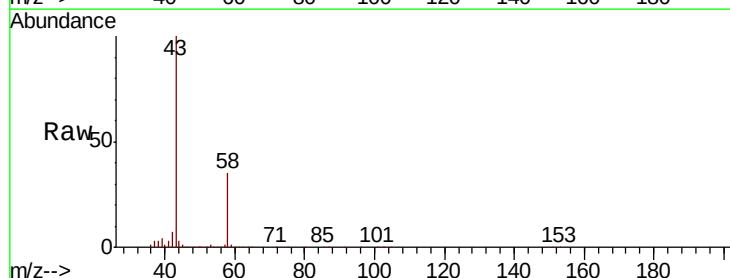
Acq: 11 Jul 2019 12:06

Tgt Ion: 43 Resp: 89983

Ion Ratio Lower Upper

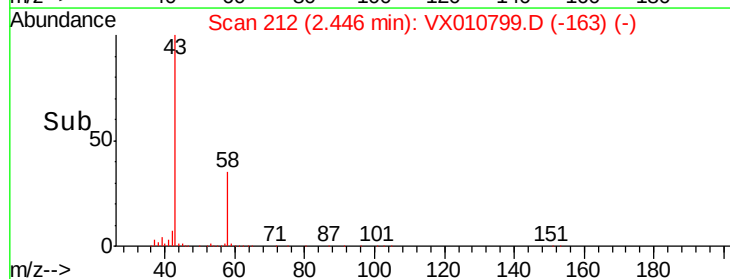
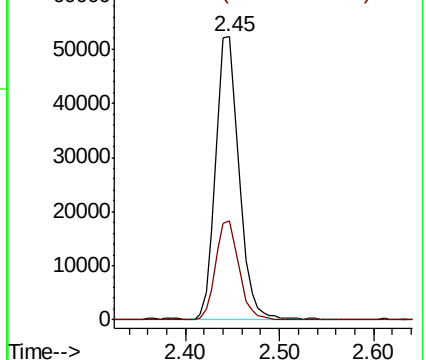
43 100

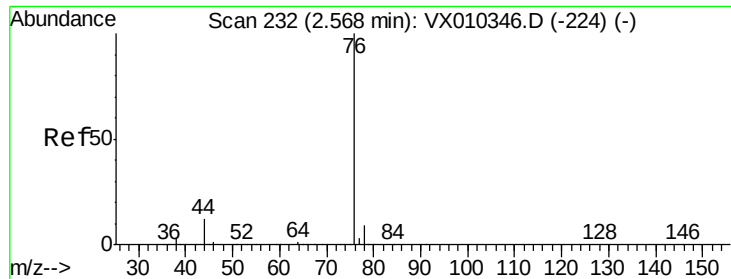
58 35.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

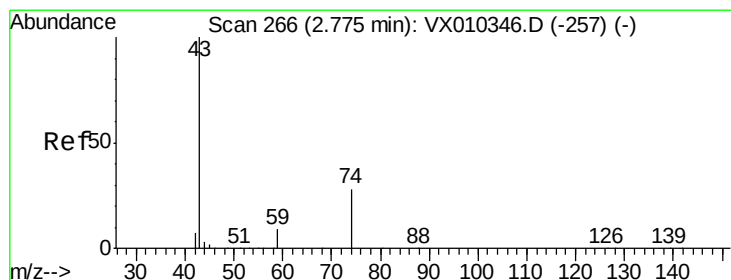
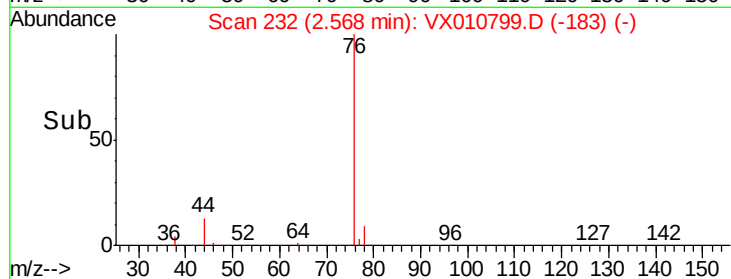
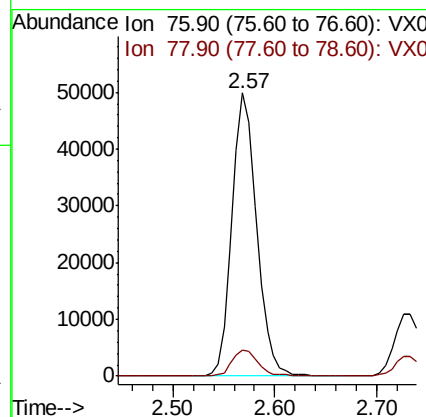
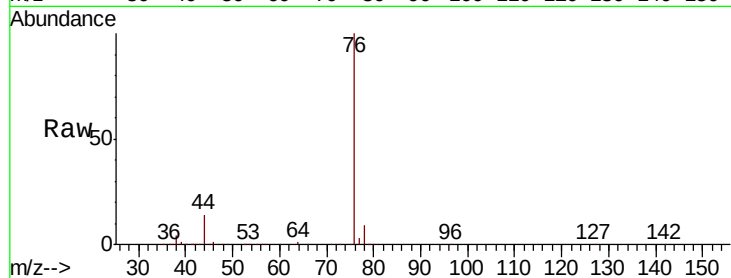




#17
Carbon Disulfide
Concen: 15.901 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

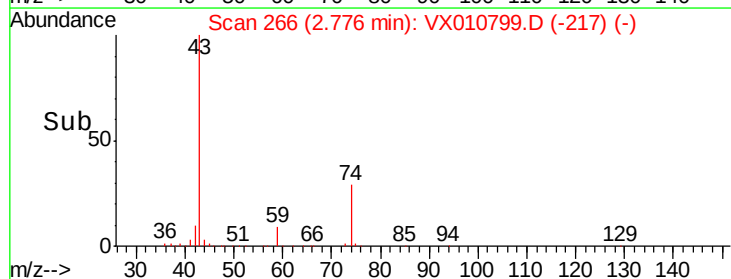
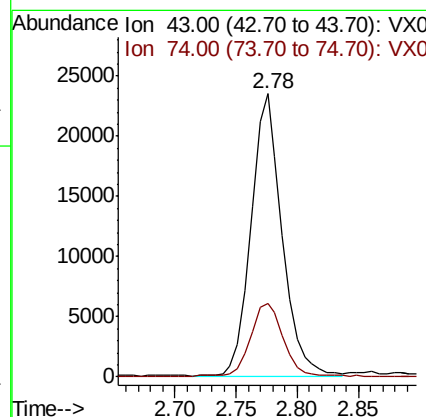
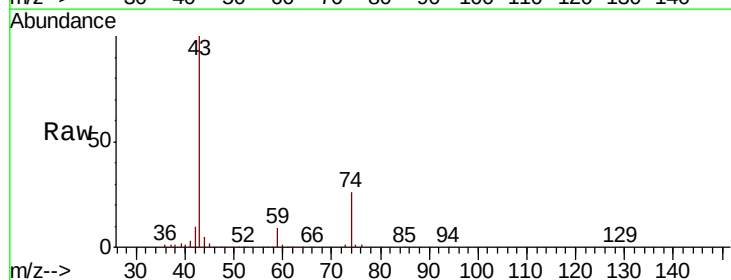
Instrument :
MSVOA_X
ClientSampled :
VX0711WBS01

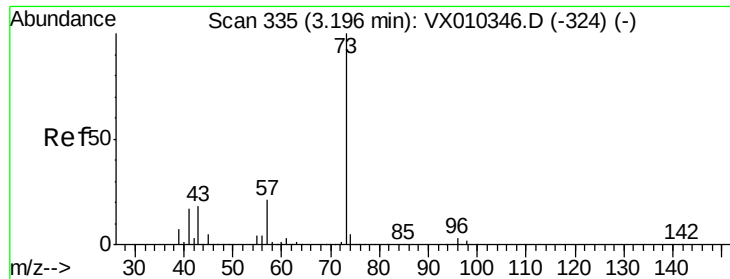
Tot Ion: 76 Resp: 83691
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.539 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 43 Resp: 41417
Ion Ratio Lower Upper
43 100
74 28.2 21.3 31.9



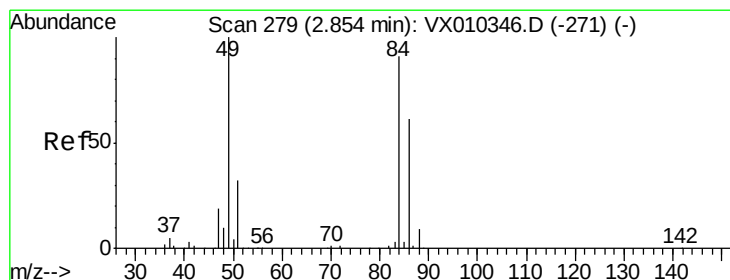
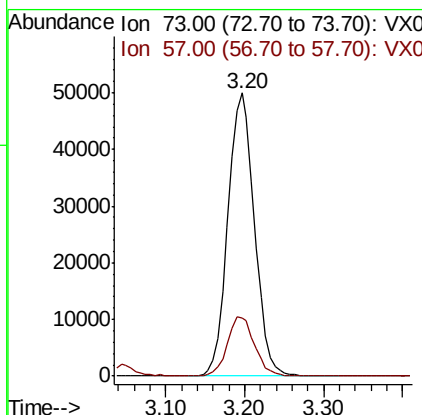
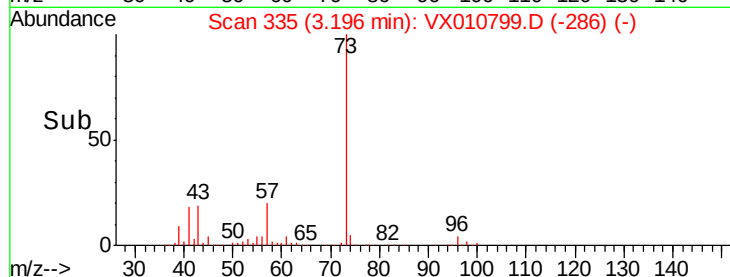
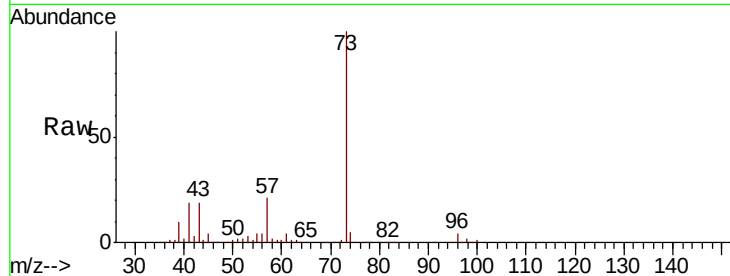


#19

Methyl tert-butyl Ether
 Concen: 18.918 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0711WBS01

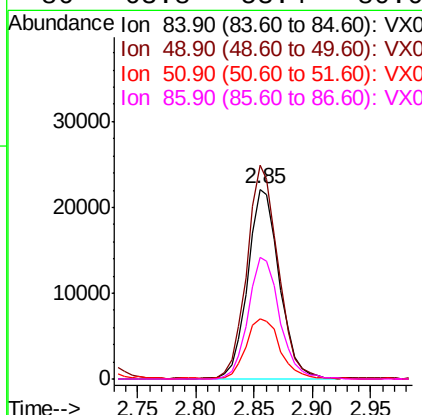
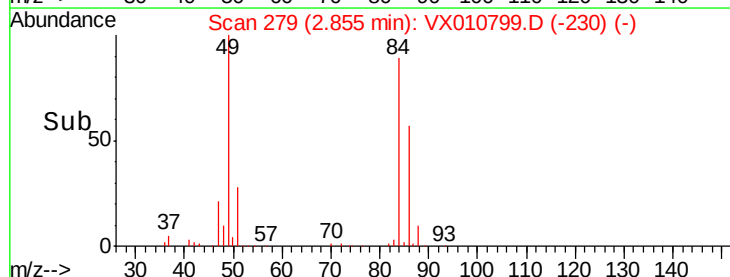
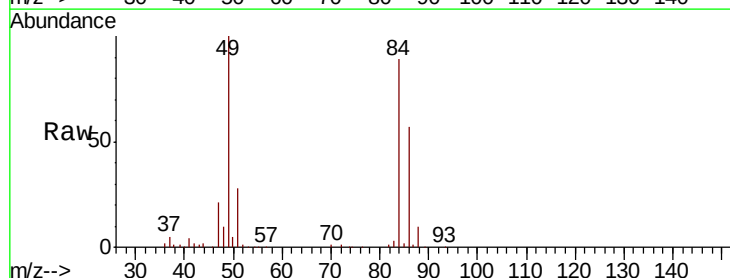
Tot Ion: 73 Resp: 116760
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.4 24.6

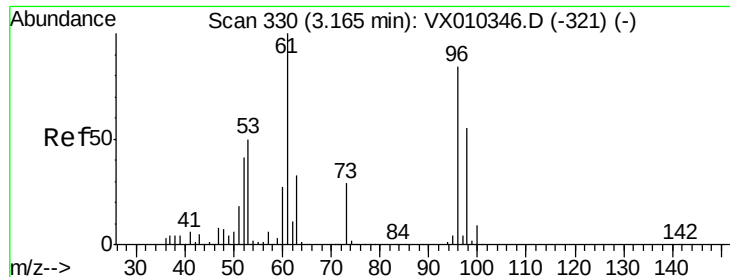


#20

Methylene Chloride
 Concen: 19.275 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 84 Resp: 42188
 Ion Ratio Lower Upper
 84 100
 49 112.6 87.5 131.3
 51 31.5 27.7 41.5
 86 63.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.086 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

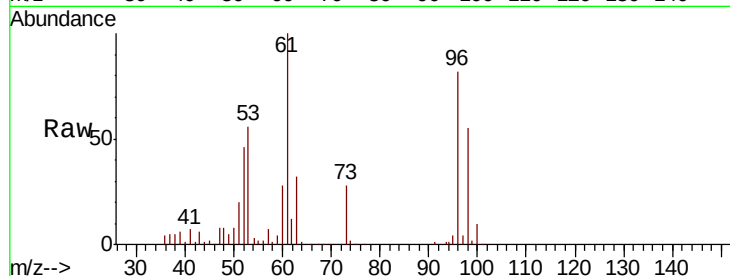
Tot Ion: 96 Resp: 38161

Ion Ratio Lower Upper

96 100

61 121.7 95.6 143.4

98 66.3 52.5 78.7

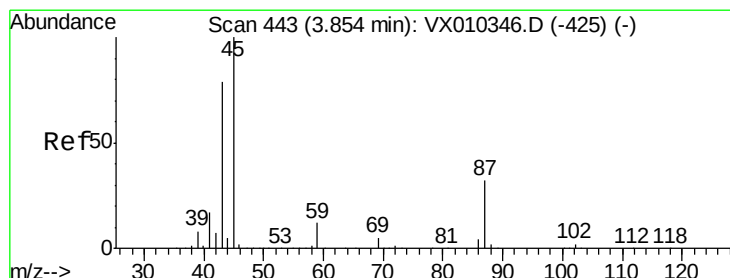
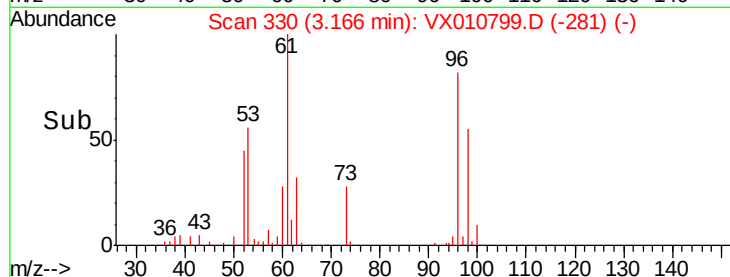
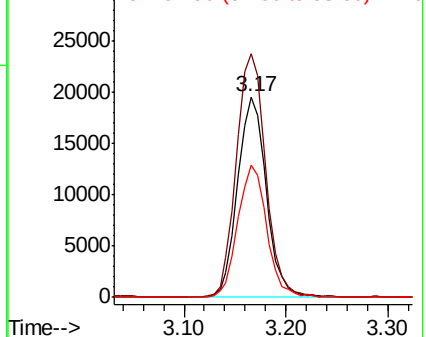


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.263 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Tgt Ion: 45 Resp: 112178

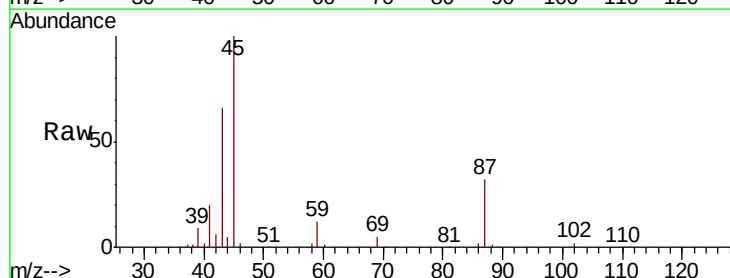
Ion Ratio Lower Upper

45 100

43 65.2 63.3 94.9

87 31.6 25.8 38.8

59 11.9 9.6 14.4



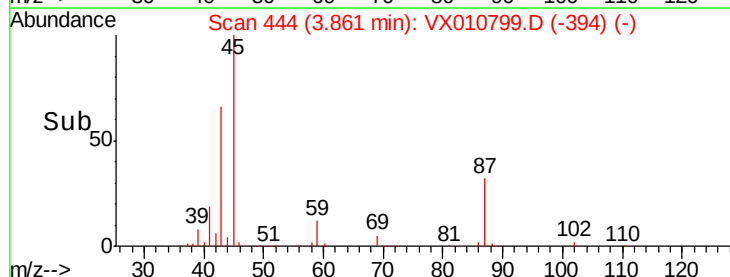
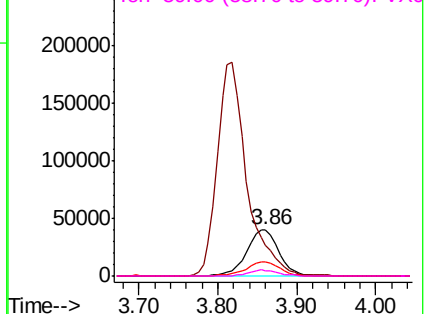
Abundance

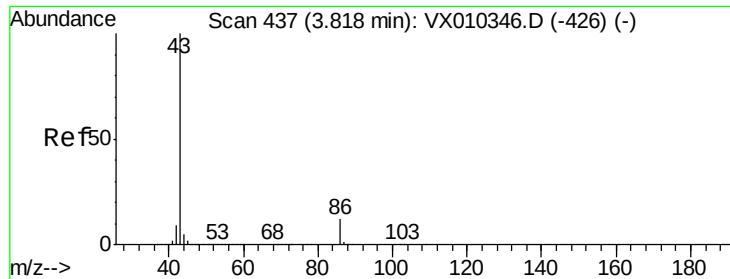
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.177 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

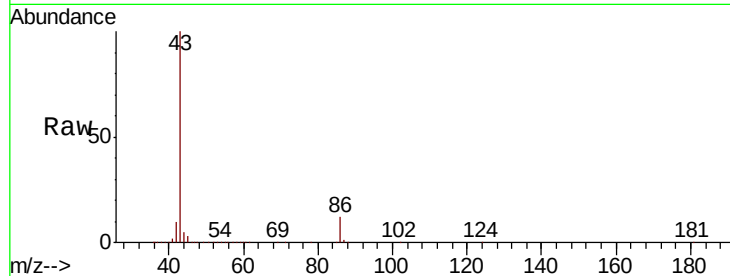
VX0711WBS01

Tot Ion: 43 Resp: 483844

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

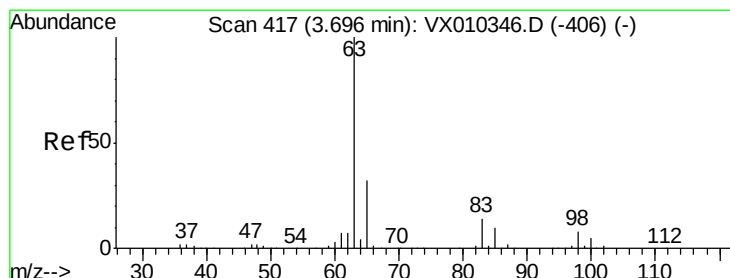
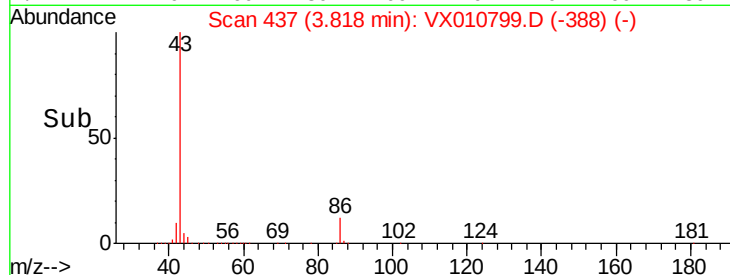
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.450 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

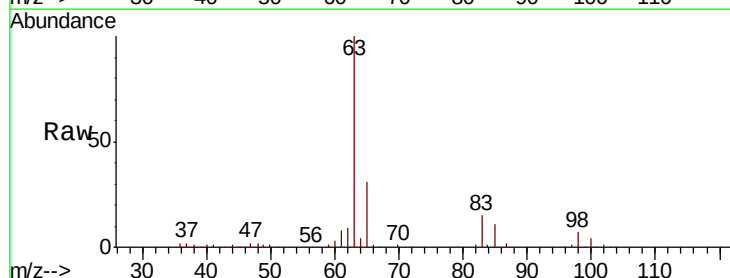
Tgt Ion: 63 Resp: 65470

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

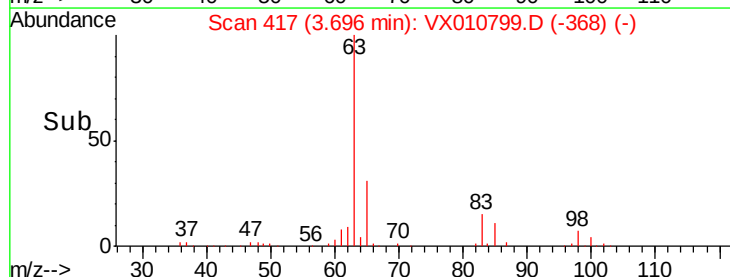
30000

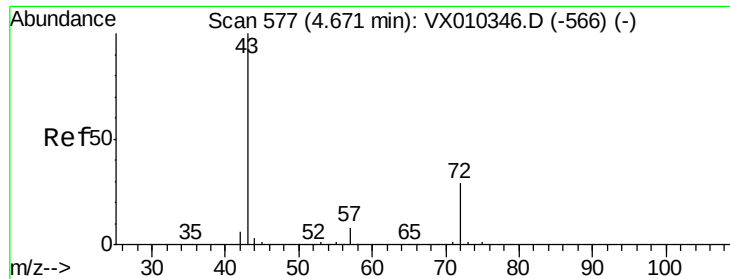
20000

10000

0

Time-->





#25

2-Butanone

Concen: 92.173 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

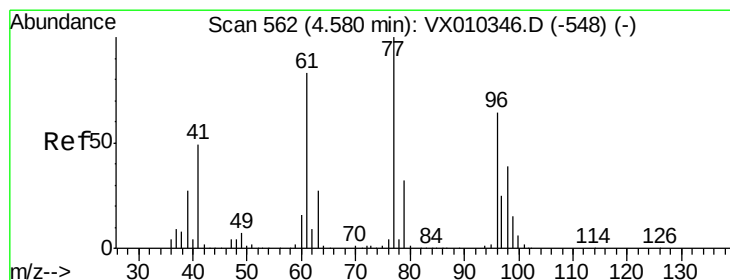
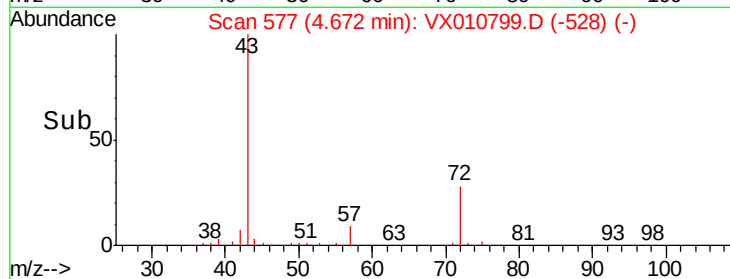
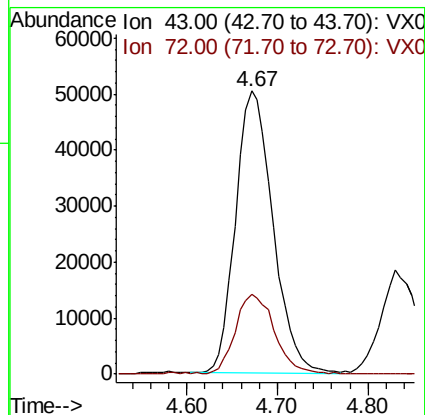
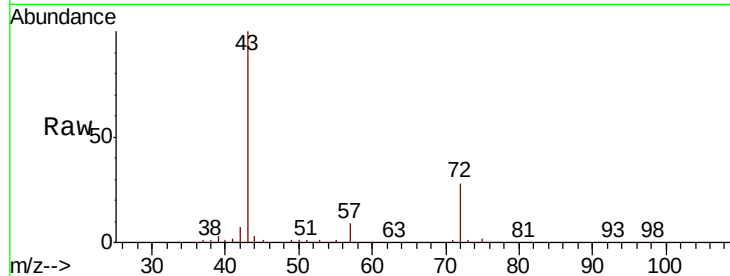
VX0711WBS01

Tot Ion: 43 Resp: 143799

Ion Ratio Lower Upper

43 100

72 28.2 23.3 34.9



#26

2,2-Dichloropropane

Concen: 16.521 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010799.D

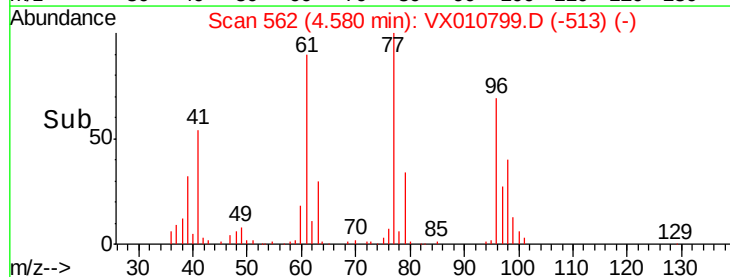
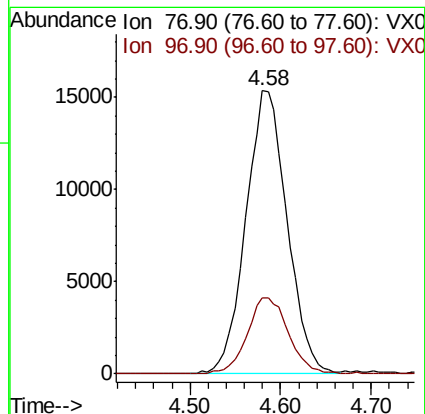
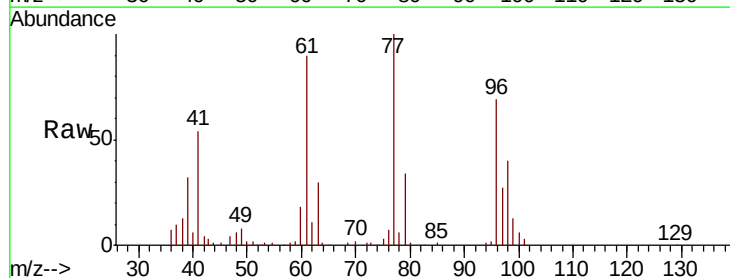
Acq: 11 Jul 2019 12:06

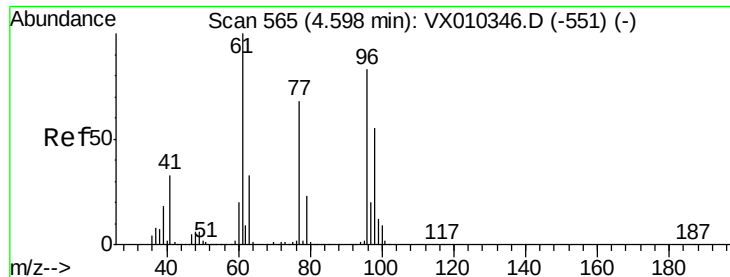
Tgt Ion: 77 Resp: 48309

Ion Ratio Lower Upper

77 100

97 27.0 13.1 39.3



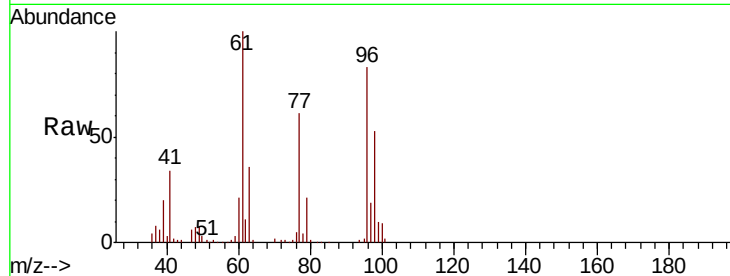


#27

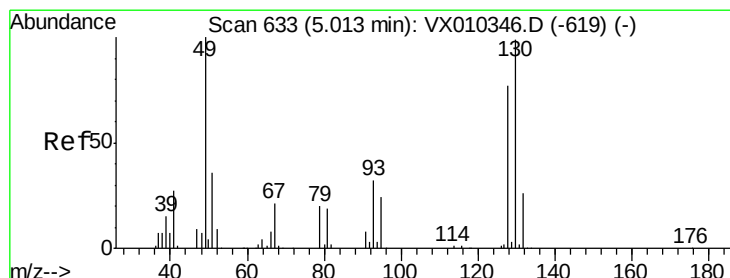
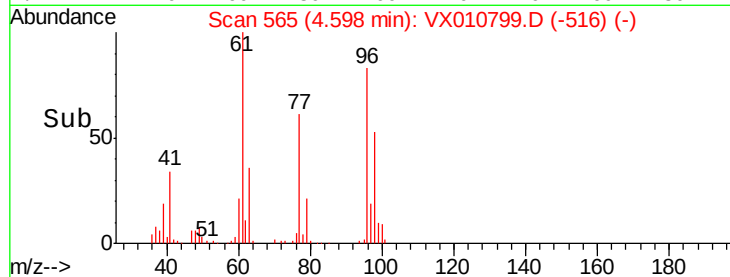
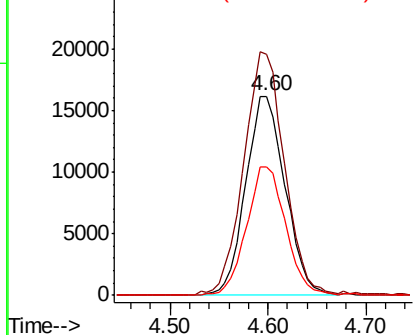
cis-1,2-Dichloroethene
Concen: 18.571 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS01

Tot Ion: 96 Resp: 45280
Ion Ratio Lower Upper
96 100
61 126.4 0.0 251.8
98 64.1 0.0 129.4



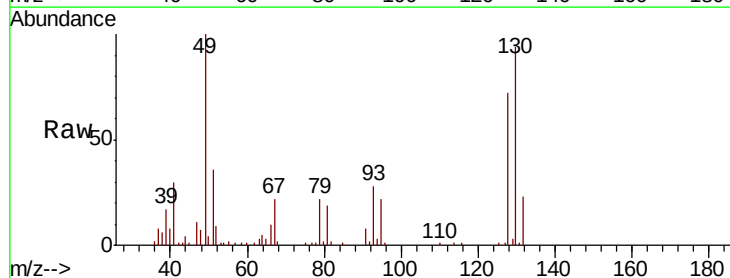
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



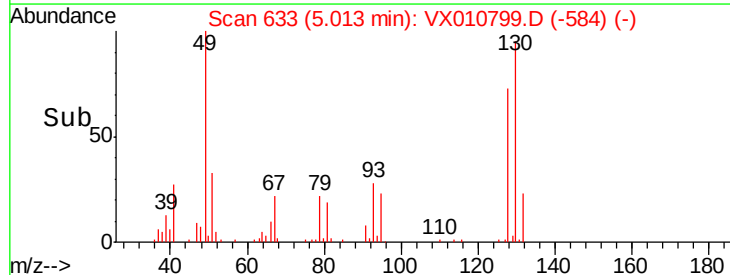
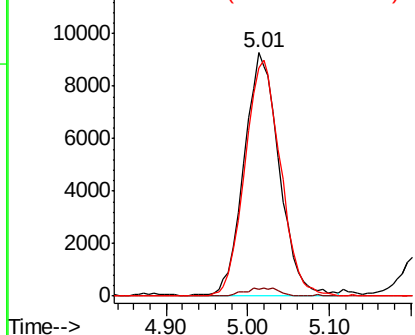
#28

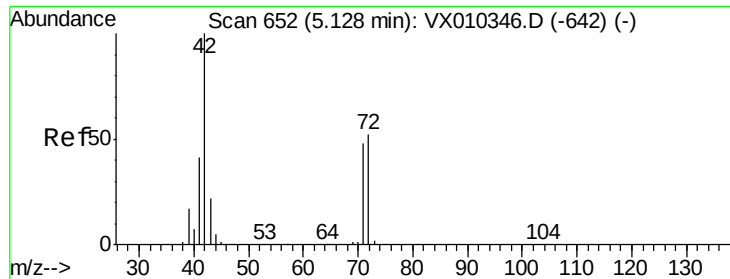
Bromochloromethane
Concen: 17.373 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 49 Resp: 27960
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.6
130 97.7 81.4 122.0



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





#29

Tetrahydrofuran

Concen: 94.585 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

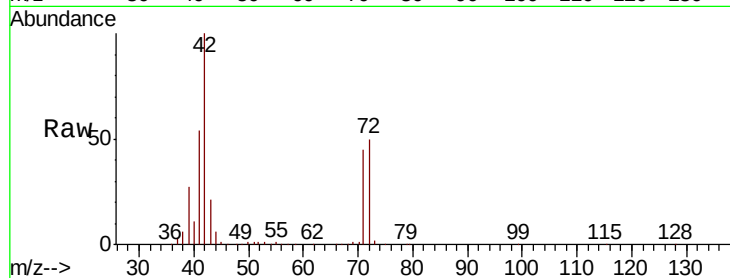
Tot Ion: 42 Resp: 91401

Ion Ratio Lower Upper

42 100

72 50.5 40.6 60.8

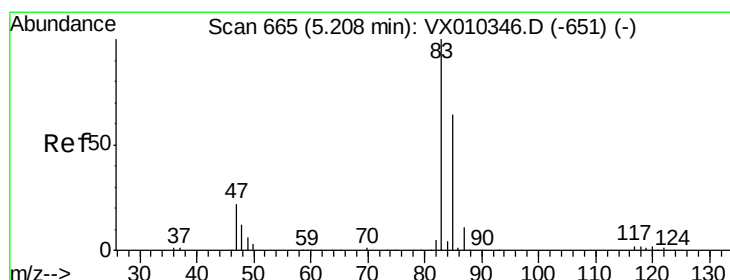
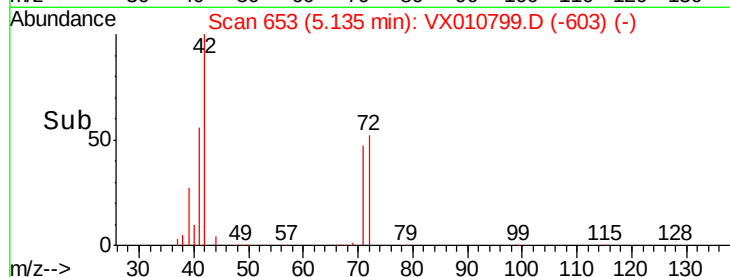
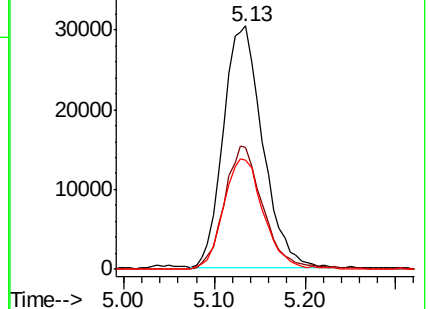
71 46.7 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.200 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010799.D

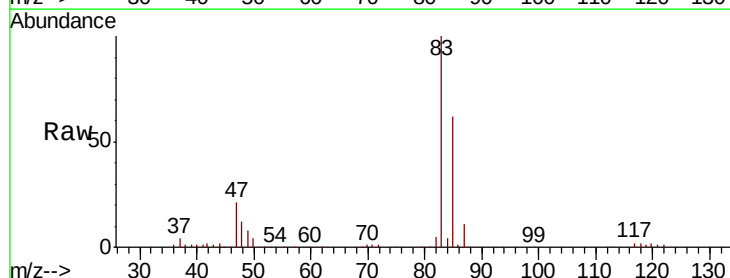
Acq: 11 Jul 2019 12:06

Tgt Ion: 83 Resp: 69536

Ion Ratio Lower Upper

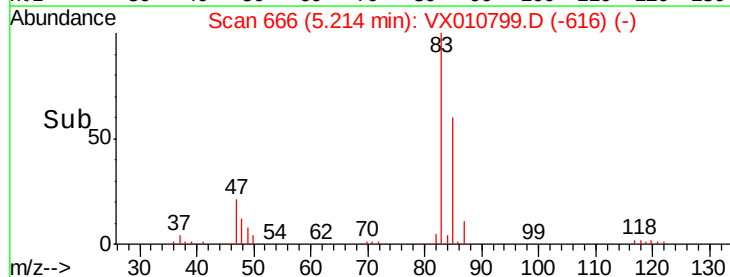
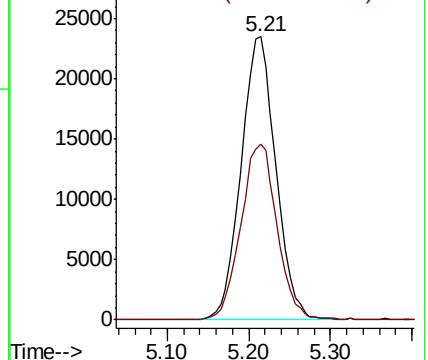
83 100

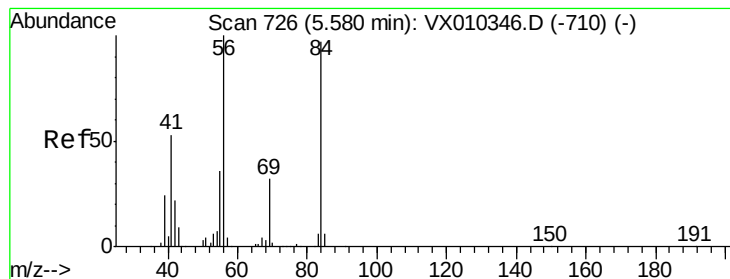
85 62.2 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.680 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS01

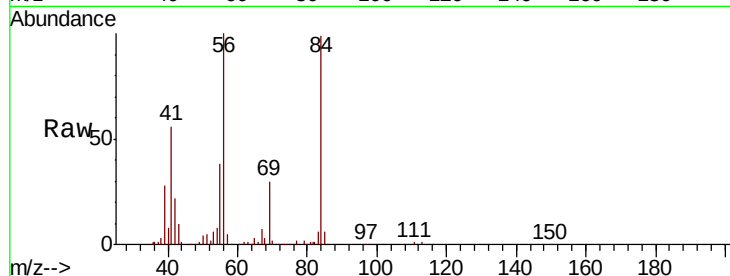
Tot Ion: 56 Resp: 57259

Ion Ratio Lower Upper

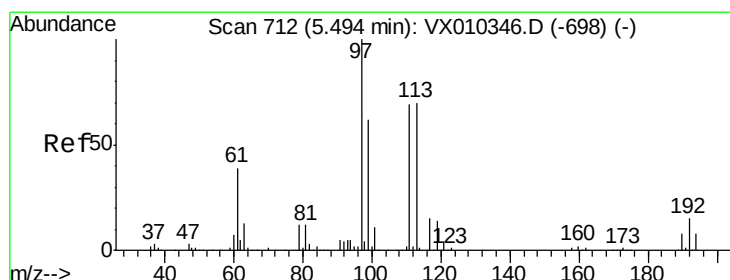
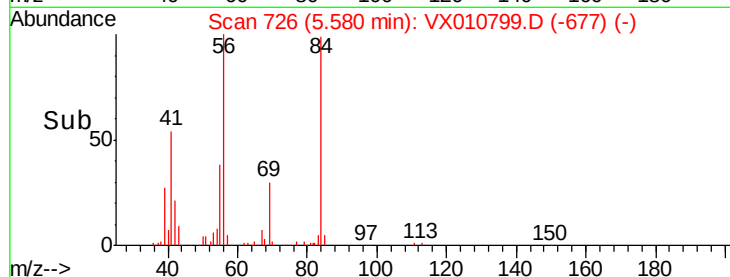
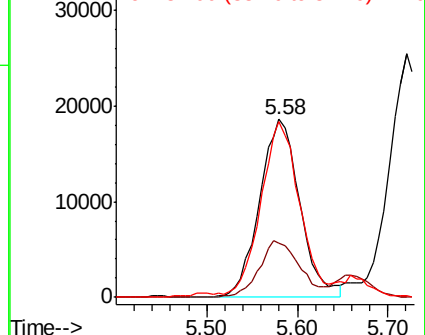
56 100

69 29.7 25.9 38.9

84 97.9 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.430 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

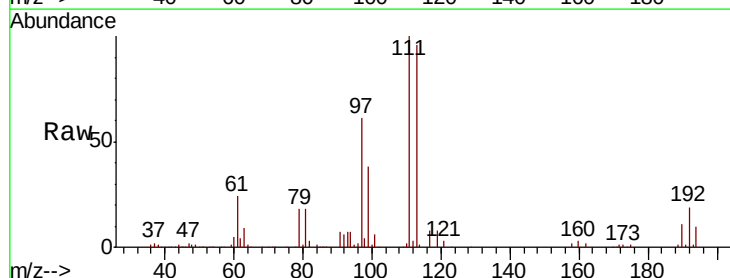
Tgt Ion: 97 Resp: 58938

Ion Ratio Lower Upper

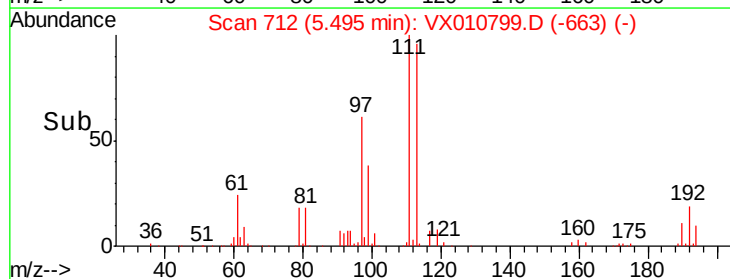
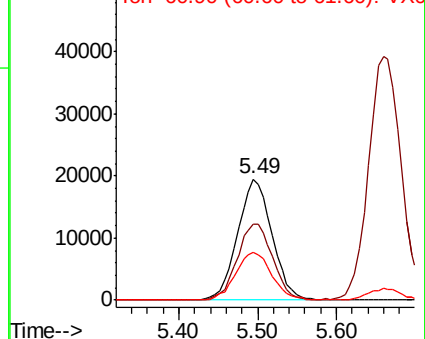
97 100

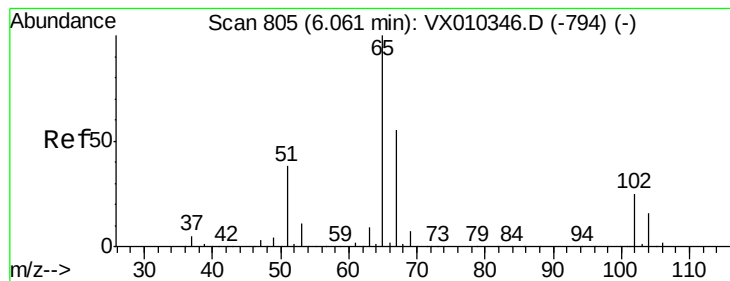
99 64.9 51.8 77.8

61 41.5 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.780 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

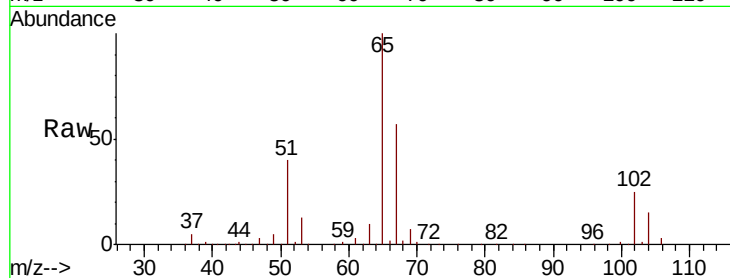
VX0711WBS01

Tot Ion: 65 Resp: 95031

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

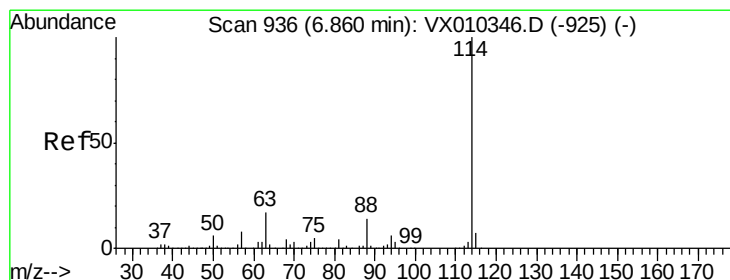
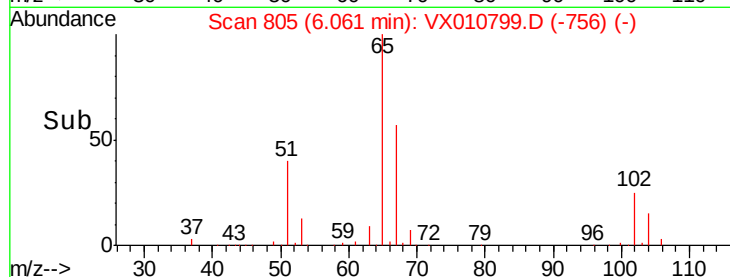
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

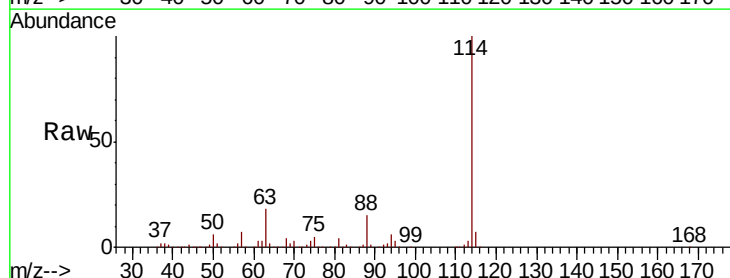
Tgt Ion: 114 Resp: 344086

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.6 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

200000

150000

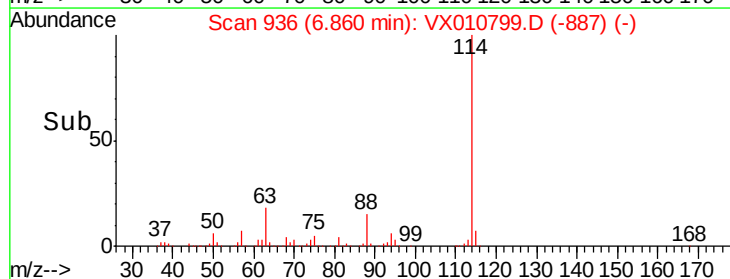
100000

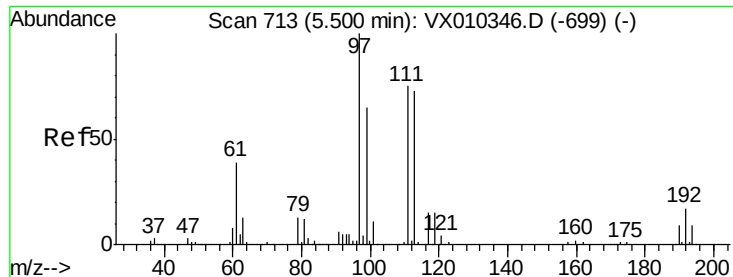
50000

0

Time-->

6.70 6.80 6.90 7.00

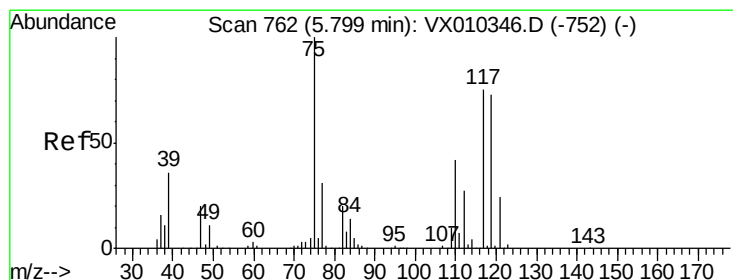
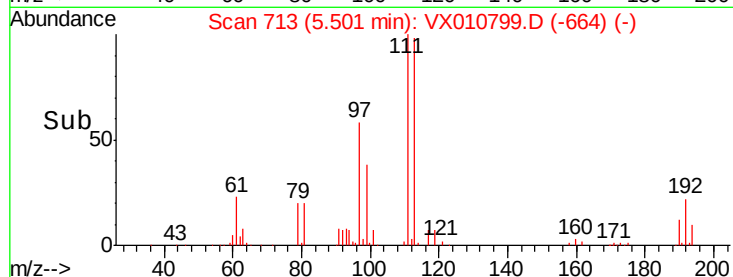
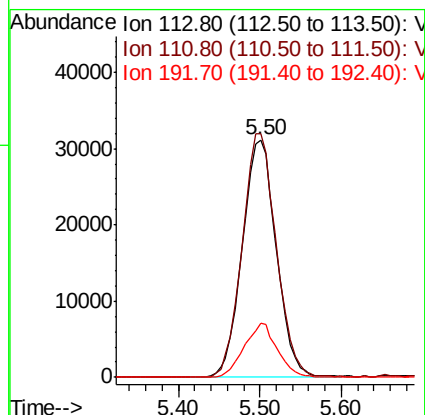
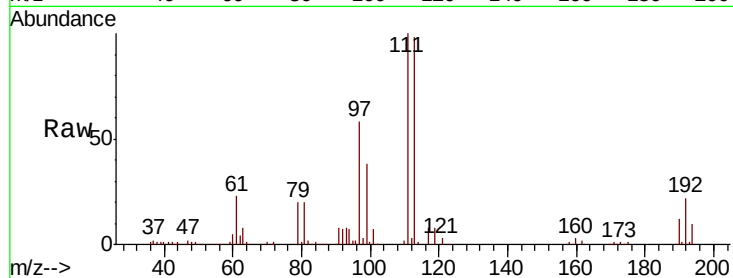




#35
 Dibromofluoromethane
 Concen: 42.911 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

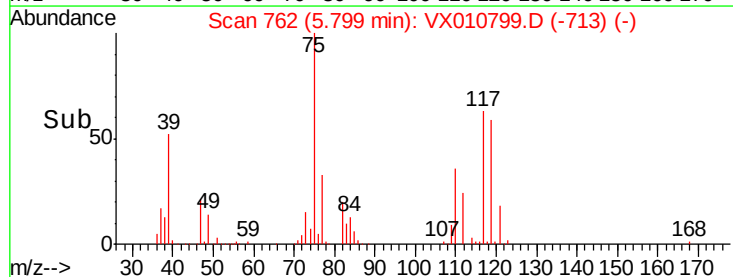
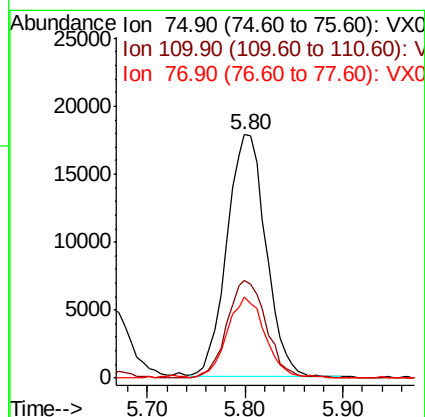
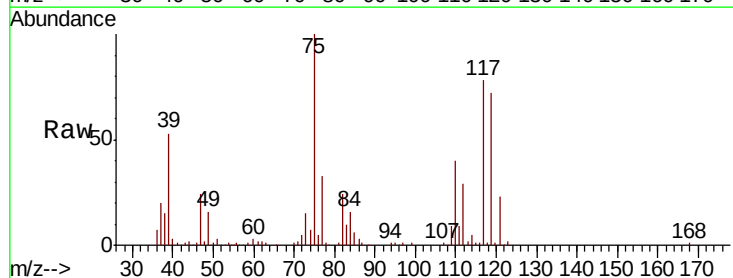
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

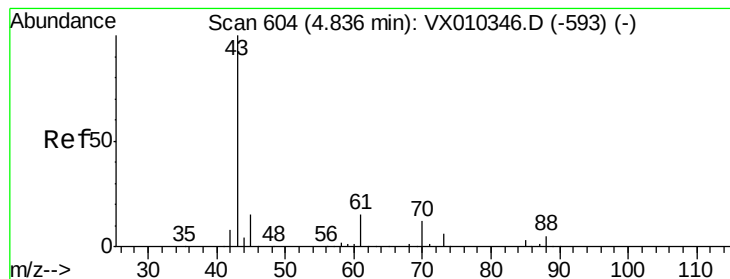
Tot Ion:113 Resp: 90338
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 18.068 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 75 Resp: 49403
 Ion Ratio Lower Upper
 75 100
 110 40.8 20.8 62.2
 77 32.9 25.4 38.0





#37

Ethyl Acetate

Concen: 19.018 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

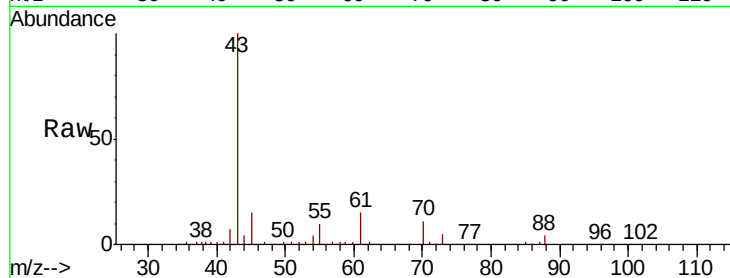
Tot Ion: 43 Resp: 53495

Ion Ratio Lower Upper

43 100

61 15.3 12.4 18.6

70 11.6 9.8 14.8

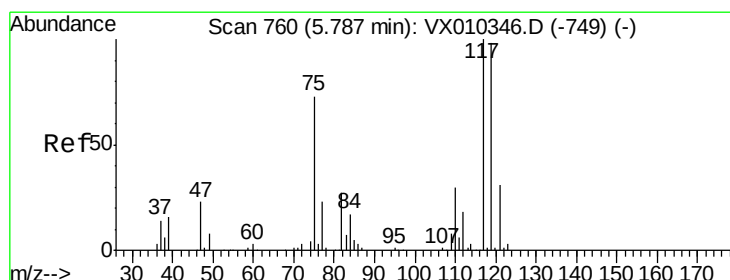
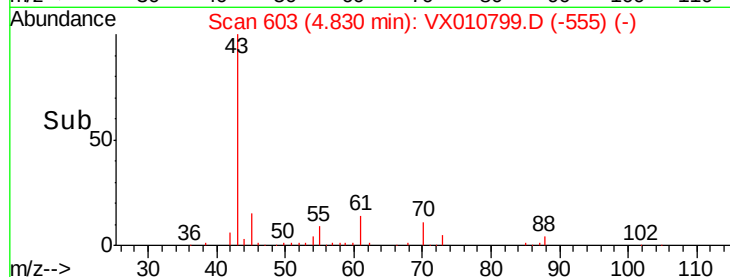
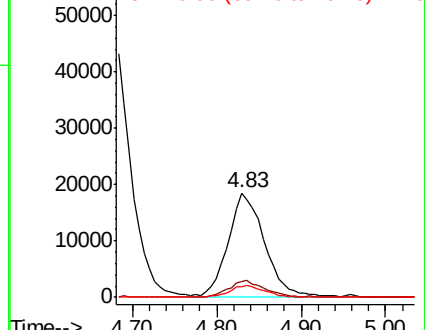


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.360 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

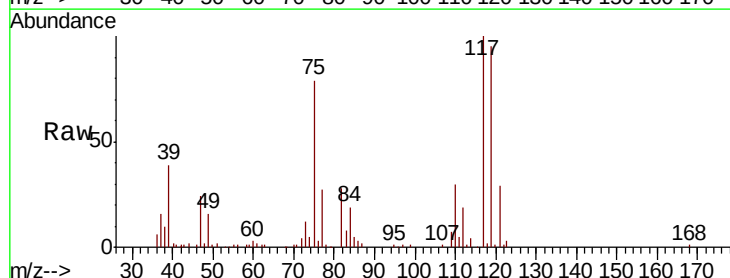
Tgt Ion: 117 Resp: 51401

Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.4

121 29.5 24.7 37.1

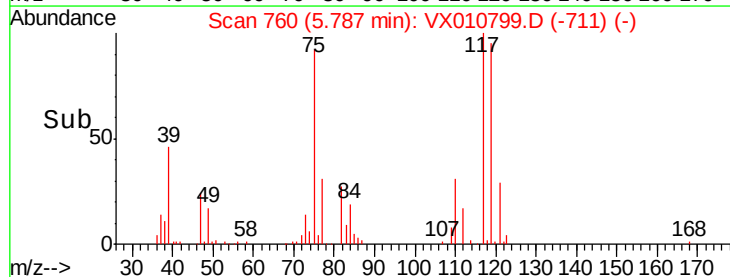
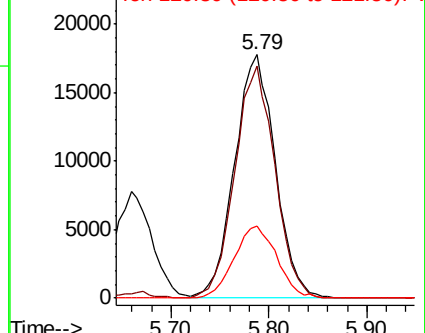


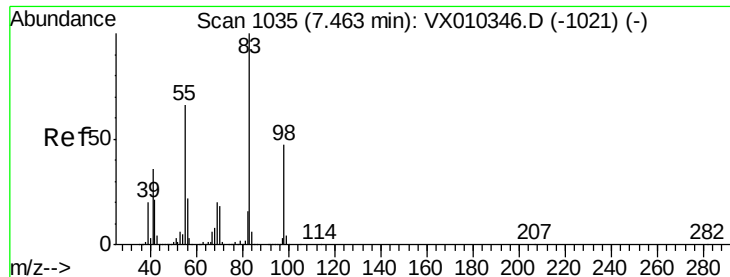
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

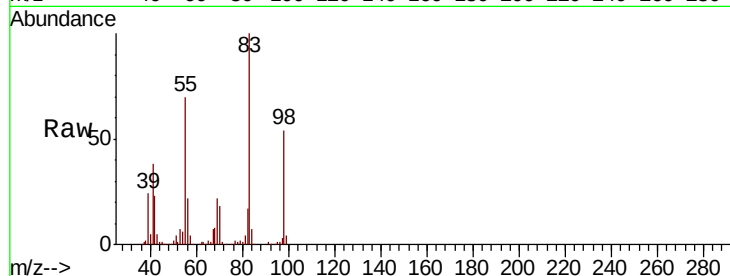




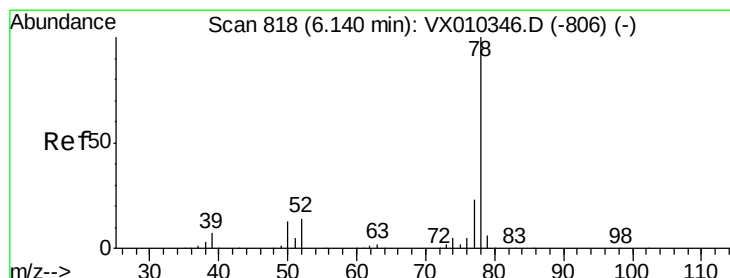
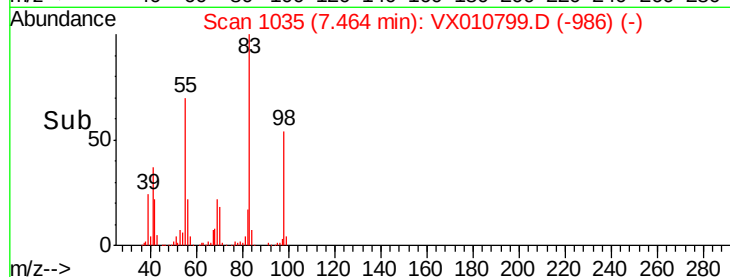
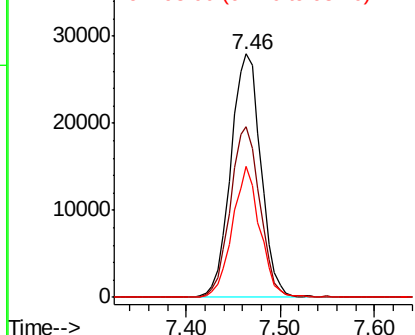
#39
Methylvlcyclohexane
Concen: 17.259 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion: 83 Resp: 62032
Ion Ratio Lower Upper
83 100
55 69.9 53.0 79.6
98 54.0 37.8 56.8

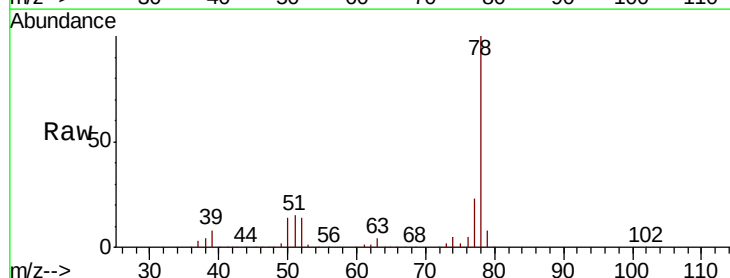


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

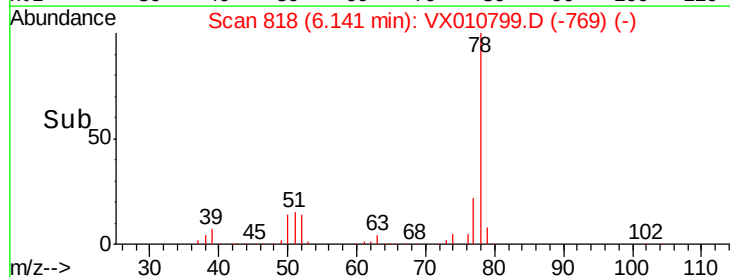
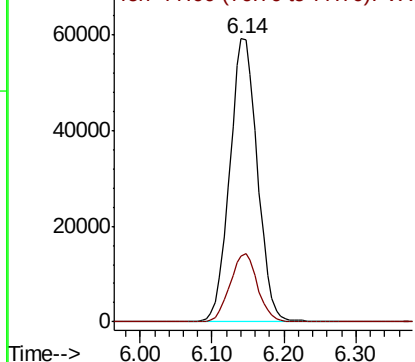


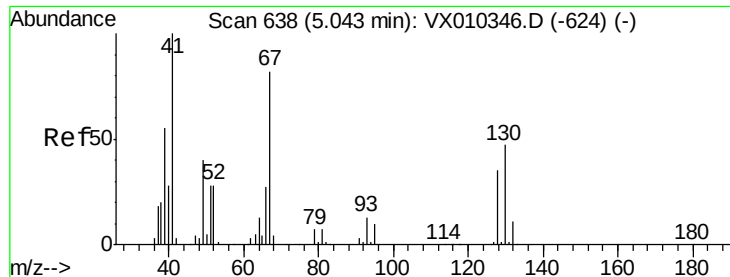
#40
Benzene
Concen: 18.578 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 78 Resp: 158262
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.341 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

Tot Ion: 41 Resp: 28307

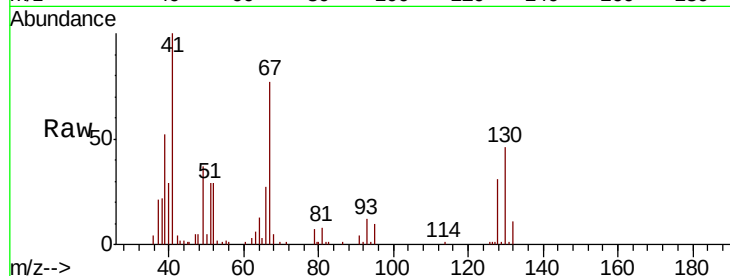
Ion Ratio Lower Upper

41 100

39 56.6 43.8 65.8

67 81.4 66.6 100.0

52 34.1 24.5 36.7

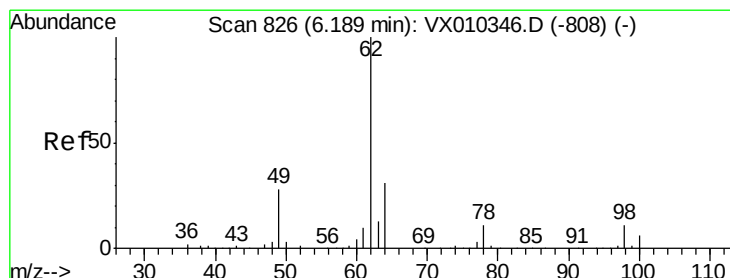
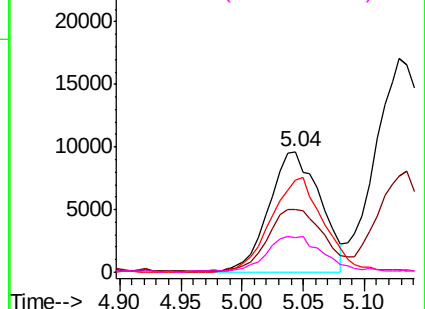
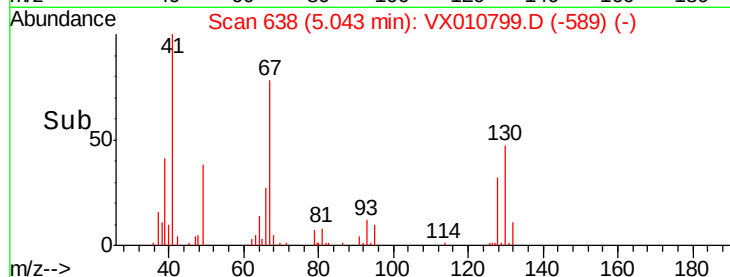


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.184 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010799.D

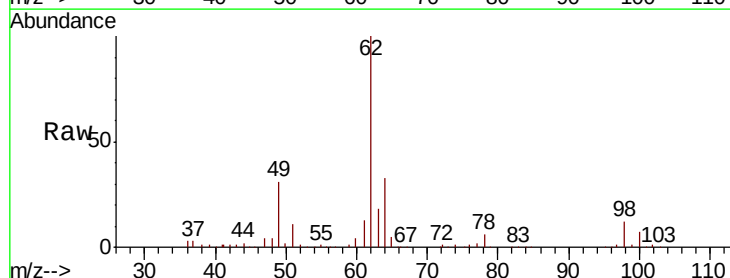
Acq: 11 Jul 2019 12:06

Tgt Ion: 62 Resp: 52338

Ion Ratio Lower Upper

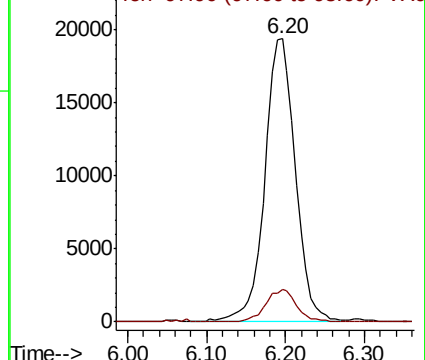
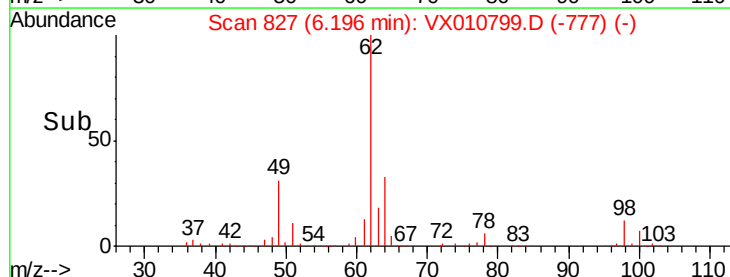
62 100

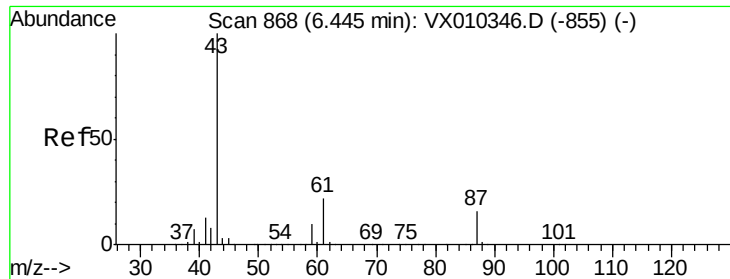
98 11.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.115 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

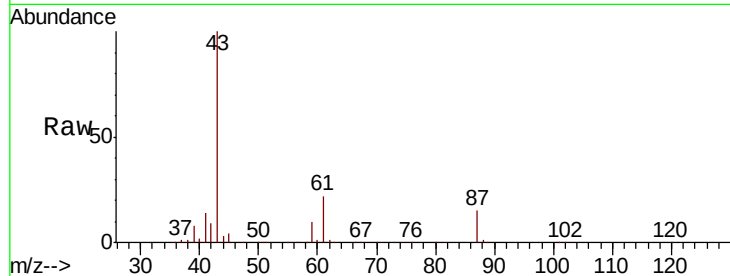
Tot Ion: 43 Resp: 84307

Ion Ratio Lower Upper

43 100

61 21.2 17.8 26.6

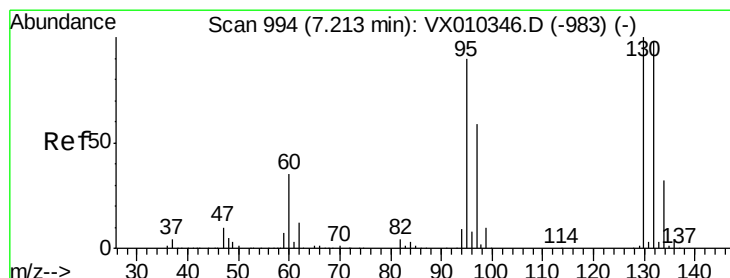
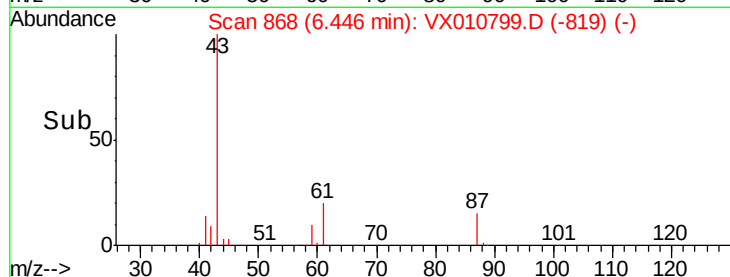
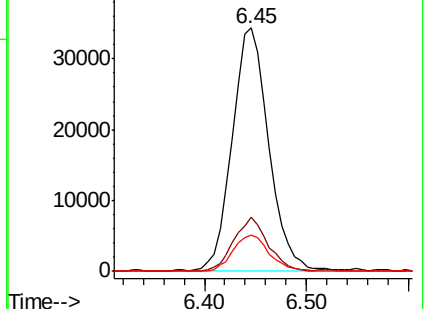
87 14.9 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.086 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010799.D

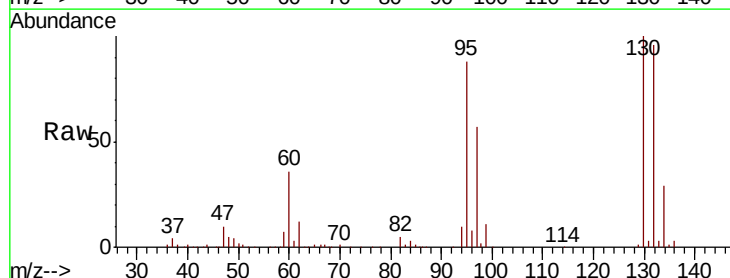
Acq: 11 Jul 2019 12:06

Tgt Ion:130 Resp: 46100

Ion Ratio Lower Upper

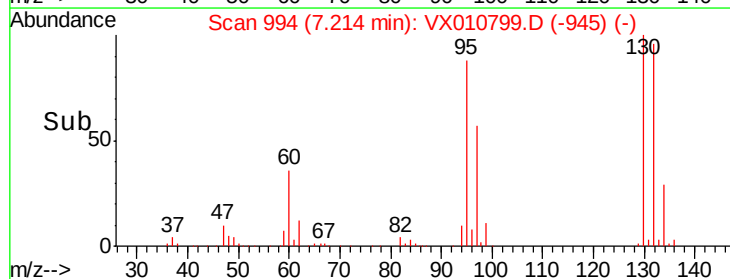
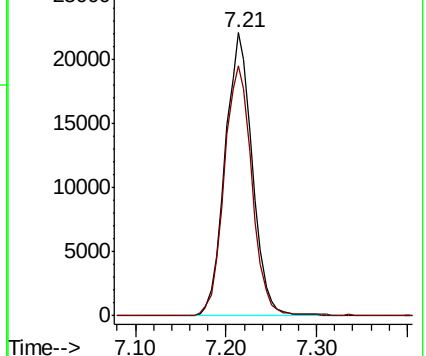
130 100

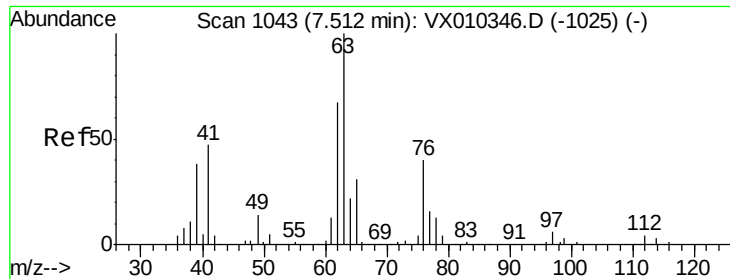
95 88.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

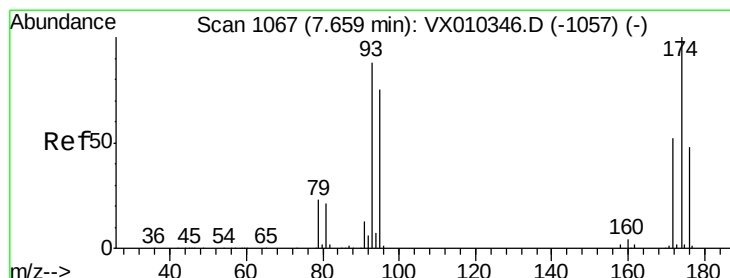
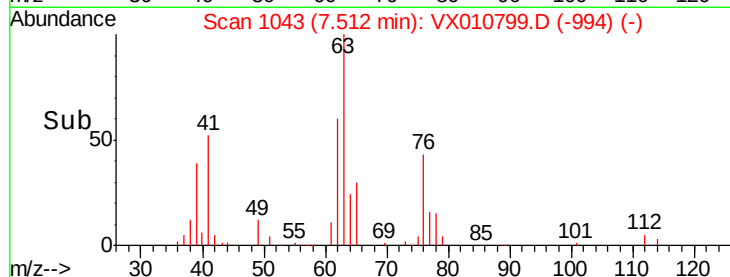
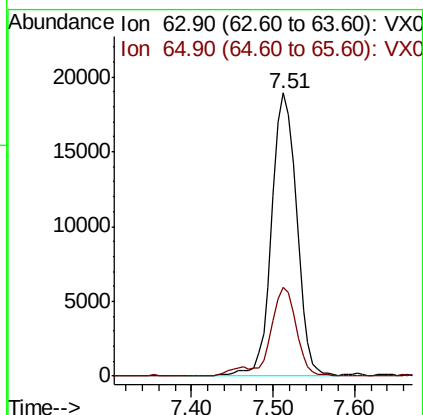
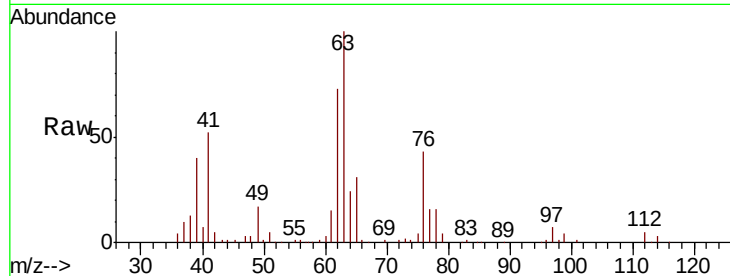




#45
 1,2-Dichloropropane
 Concen: 18.747 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

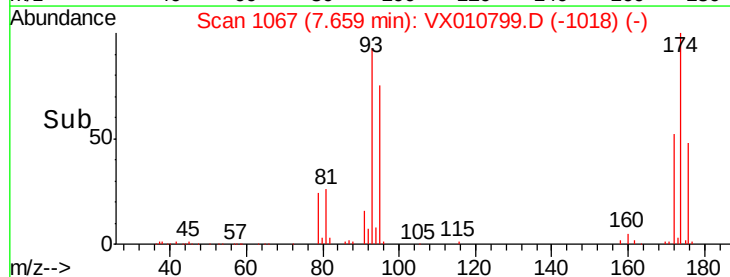
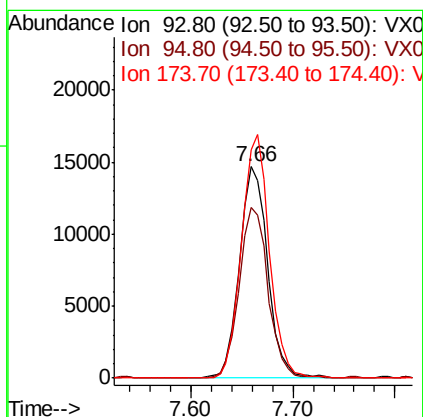
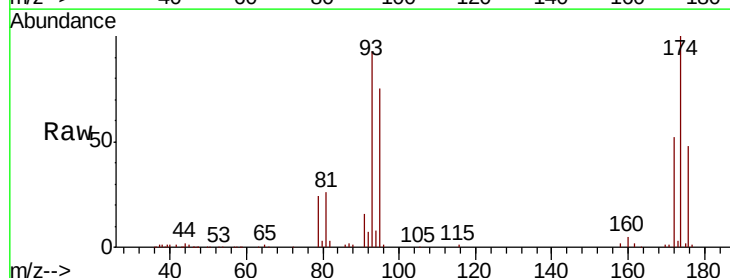
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

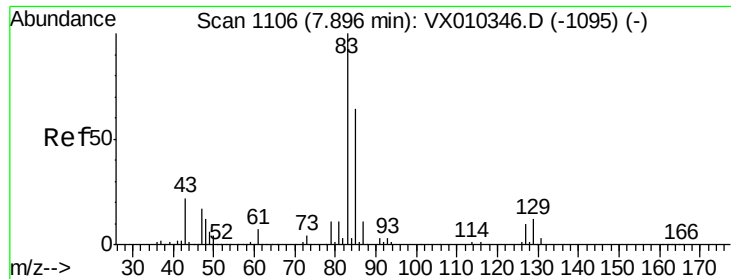
Tot Ion: 63 Resp: 40328
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 18.204 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 93 Resp: 28096
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.5 101.3
 174 114.8 95.8 143.6

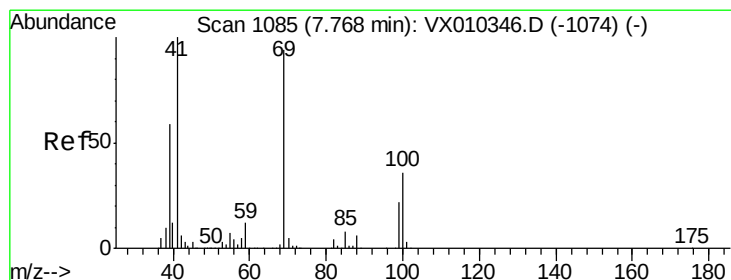
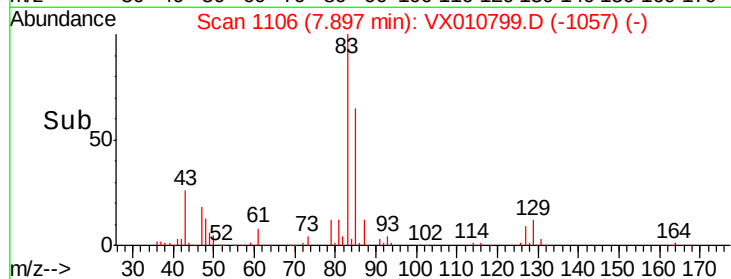
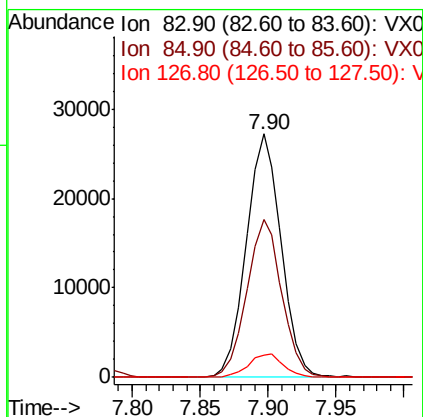
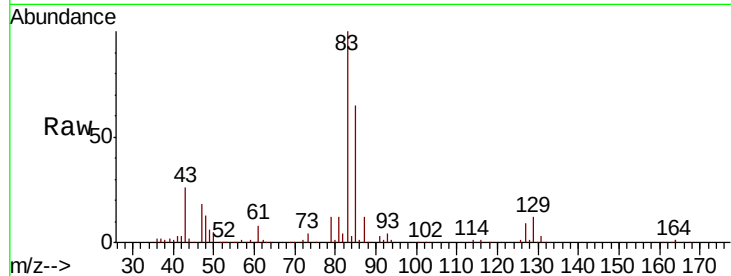




#47
Bromodichloromethane
Concen: 17.260 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

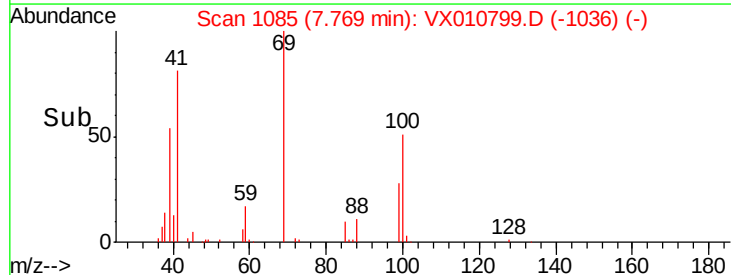
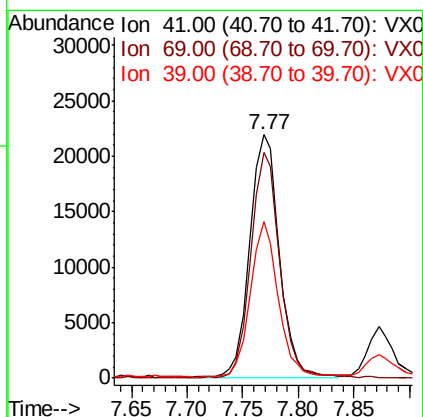
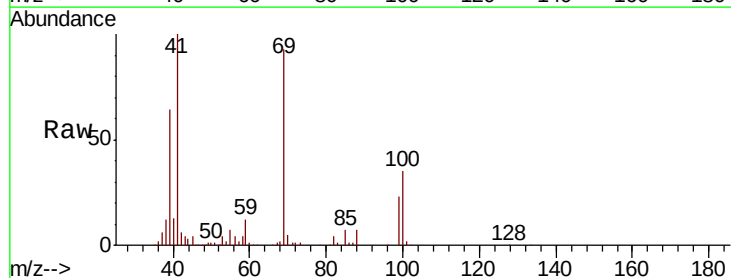
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

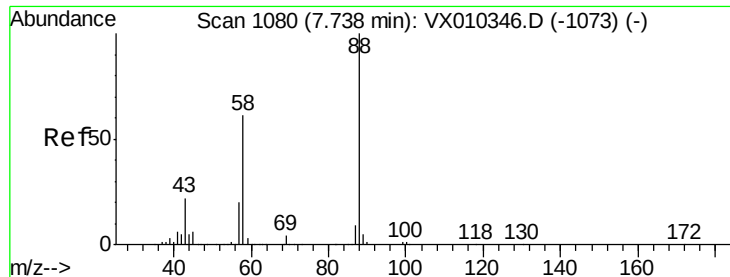
Tot Ion: 83 Resp: 48821
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3
127 9.2 7.8 11.8



#48
Methyl methacrylate
Concen: 18.799 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 41 Resp: 40667
Ion Ratio Lower Upper
41 100
69 91.0 76.1 114.1
39 62.1 47.6 71.4

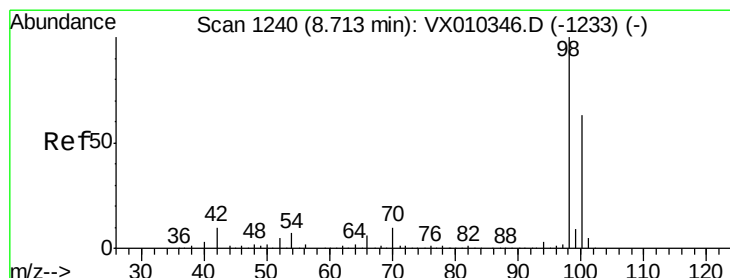
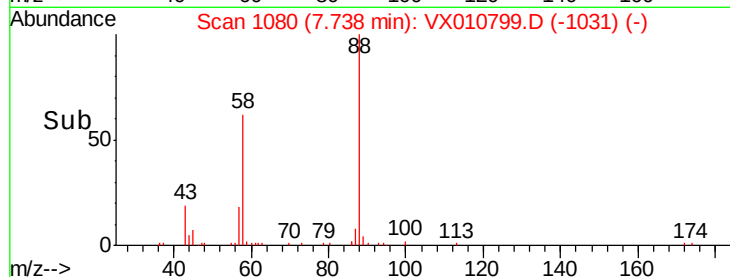
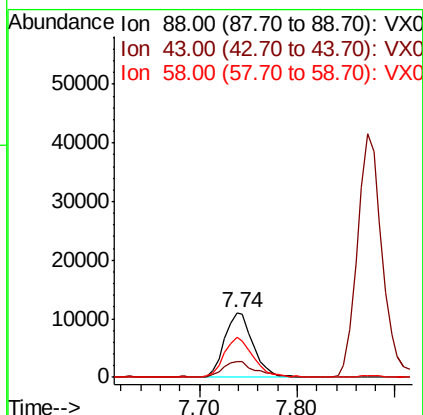
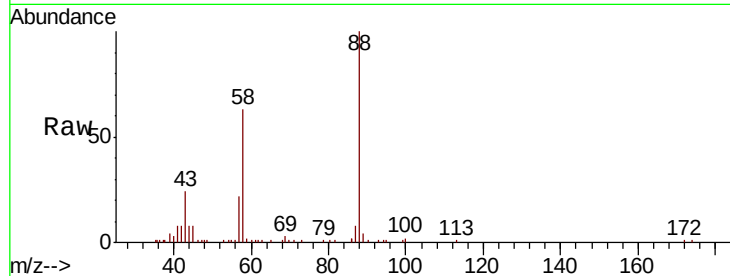




#49
1,4-Dioxane
Concen: 359.421 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

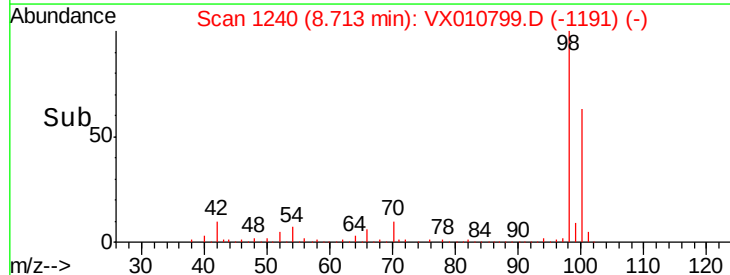
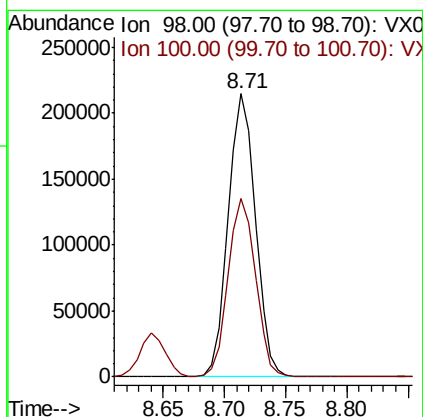
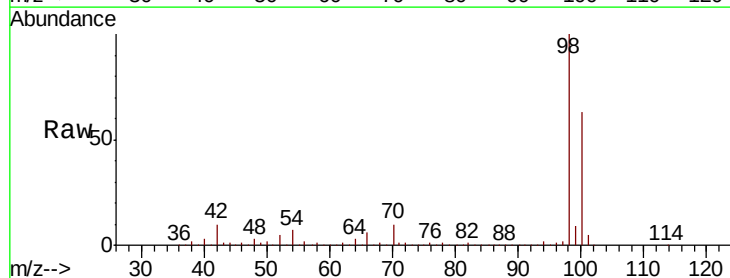
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

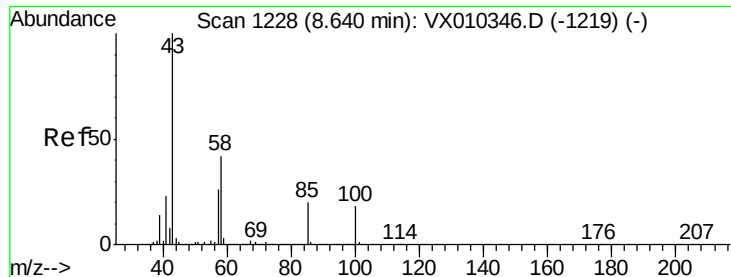
Tot Ion: 88 Resp: 22398
Ion Ratio Lower Upper
88 100
43 27.2 20.2 30.2
58 63.0 49.5 74.3



#50
Toluene-d8
Concen: 41.148 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 98 Resp: 331420
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 95.870 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

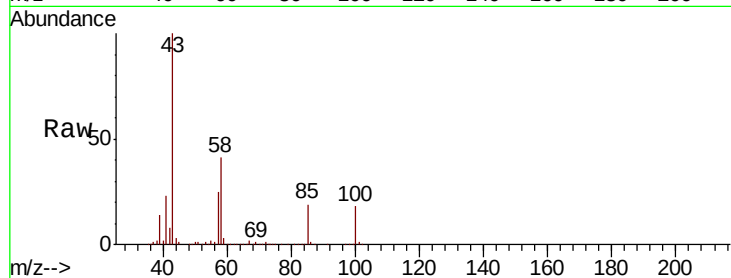
VX0711WBS01

Tot Ion: 43 Resp: 285356

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

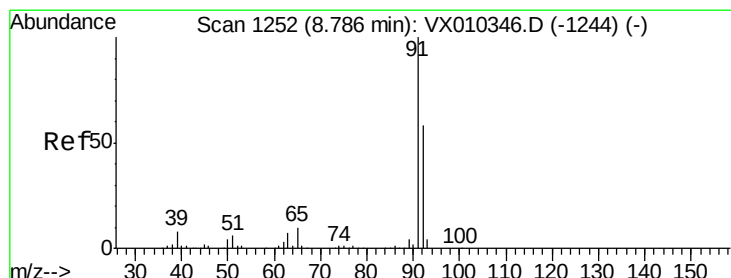
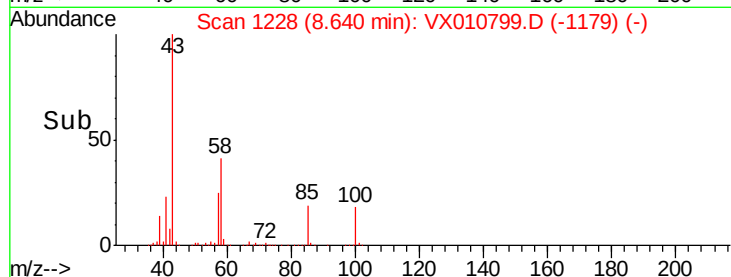
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.208 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010799.D

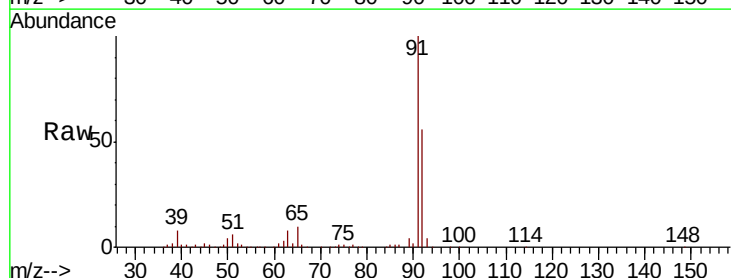
Acq: 11 Jul 2019 12:06

Tgt Ion: 92 Resp: 102142

Ion Ratio Lower Upper

92 100

91 173.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

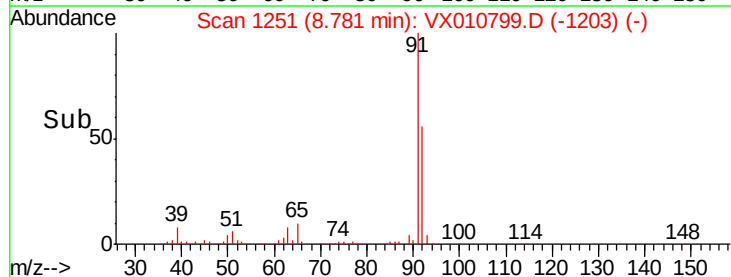
8.78

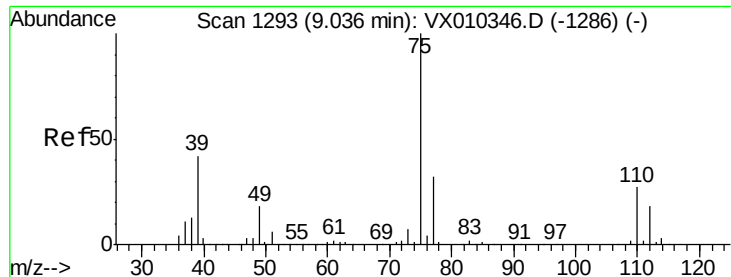
100000

50000

0

Time--> 8.70 8.80 8.90

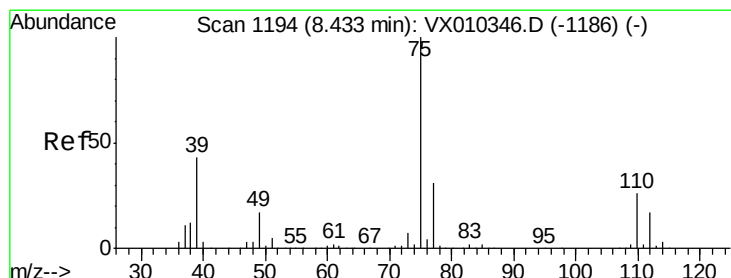
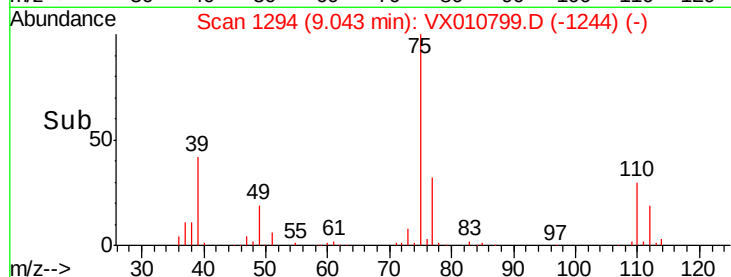
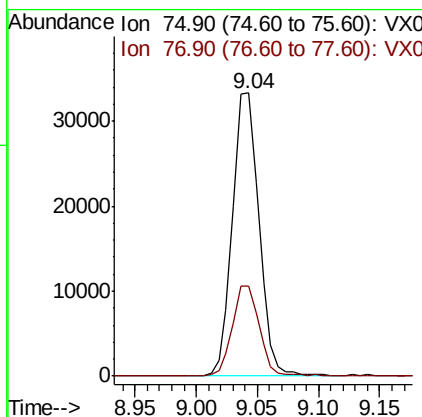
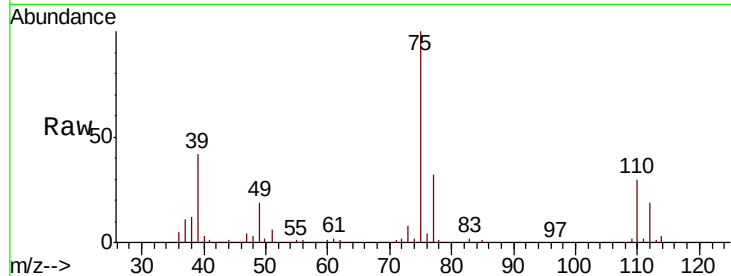




#53
 t-1,3-Dichloropropene
 Concen: 15.780 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

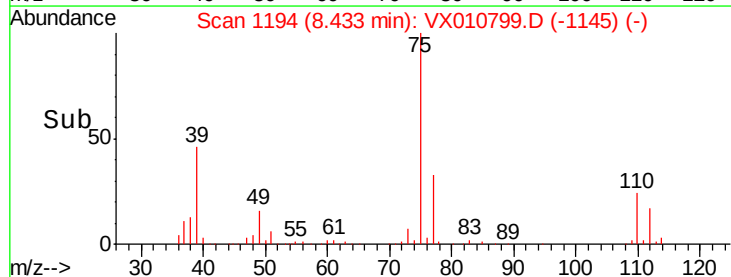
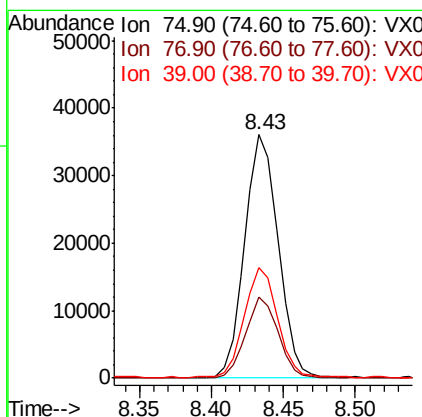
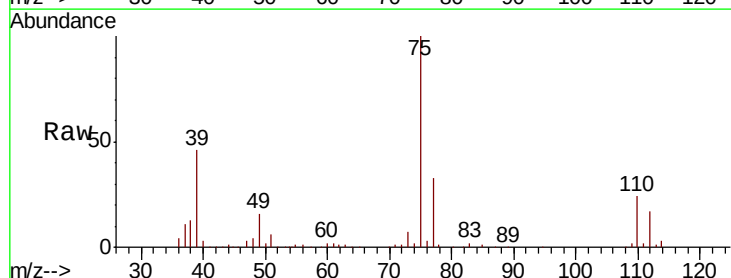
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

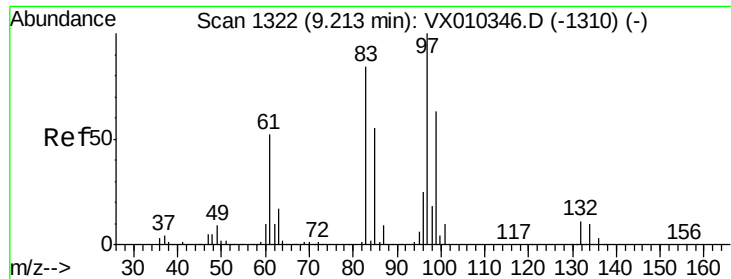
Tot Ion: 75 Resp: 50040
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 16.891 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 75 Resp: 58209
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8
 39 45.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 18.180 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

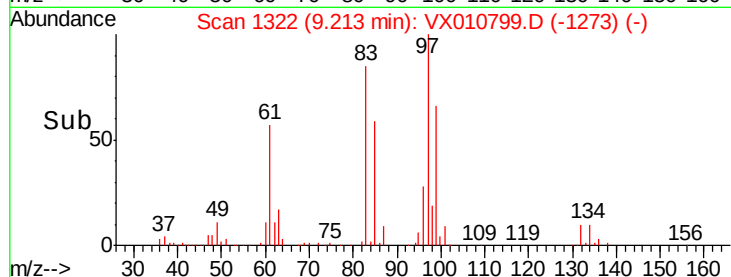
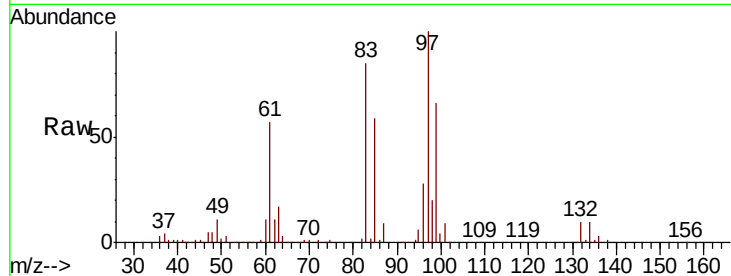
MSVOA_X

ClientSampleId :

VX0711WBS01

Tot Ion: 97 Resp: 42061

Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.0
85	58.9	43.8	65.8
99	66.2	50.3	75.5



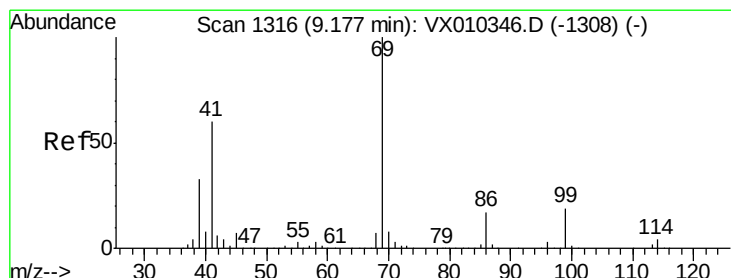
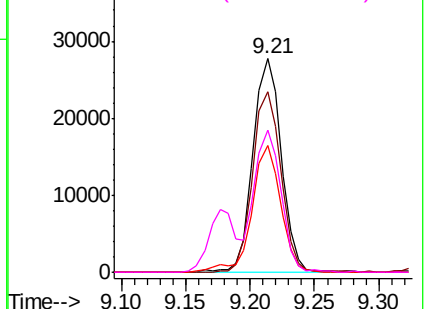
Abundance

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: 17.778 ug/l

RT: 9.18 min Scan# 1316

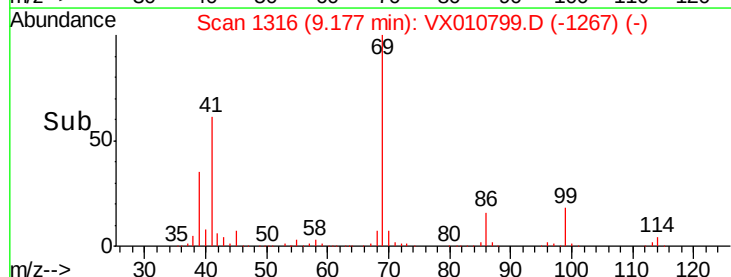
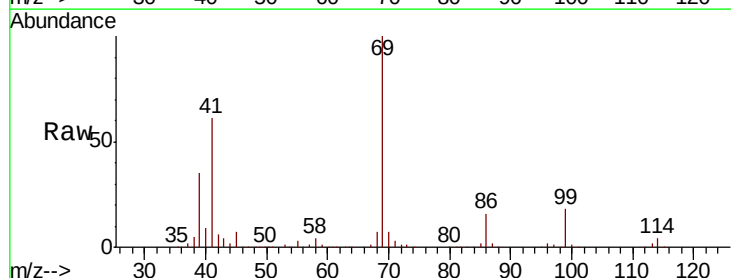
Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Tgt Ion: 69 Resp: 62309

Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.1	70.7
39	36.4	26.6	40.0

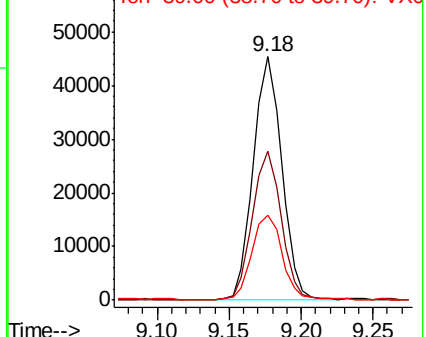


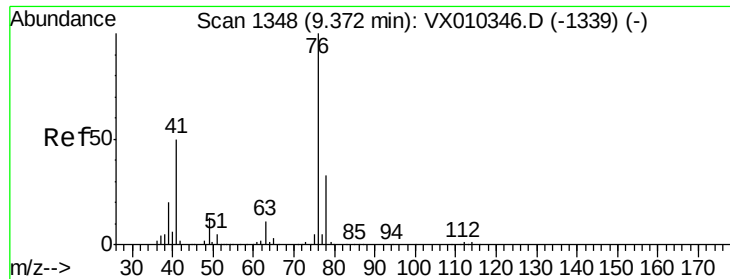
Abundance

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: 18.714 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

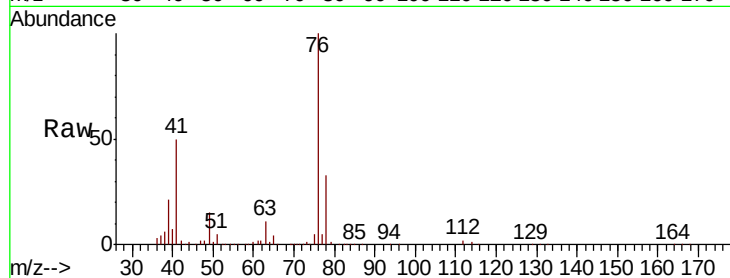
VX0711WBS01

Tot Ion: 76 Resp: 67211

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

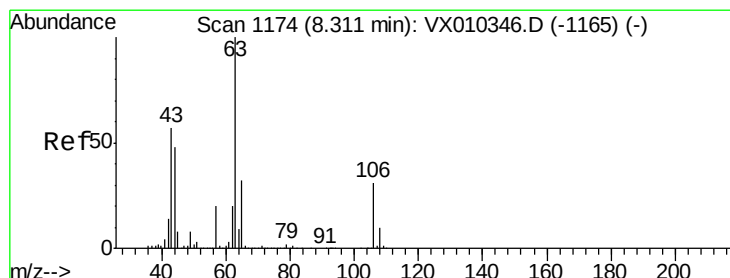
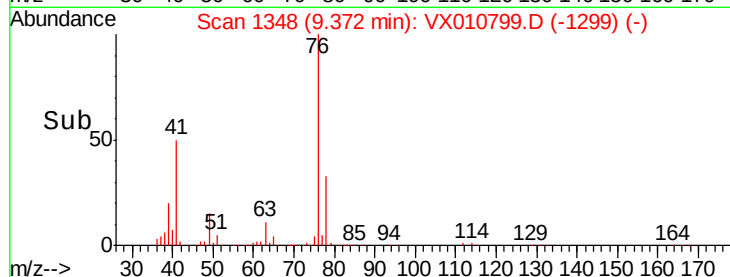
30000

20000

10000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 82.487 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010799.D

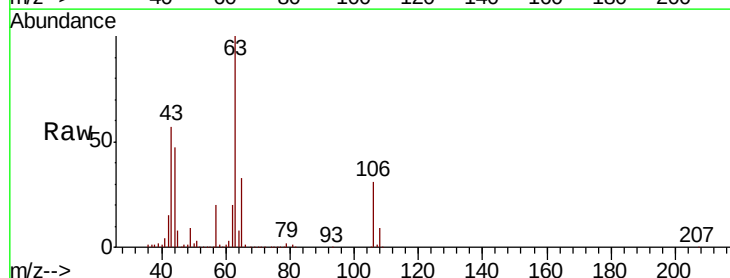
Acq: 11 Jul 2019 12:06

Tgt Ion: 63 Resp: 137303

Ion Ratio Lower Upper

63 100

106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

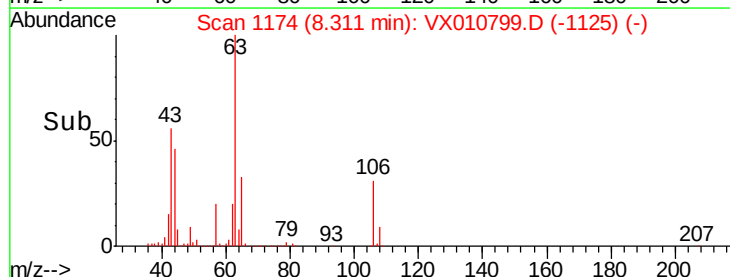
60000

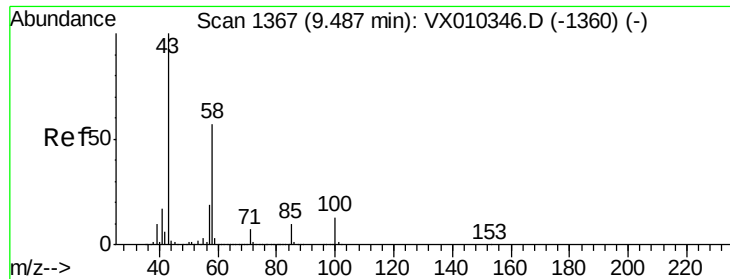
40000

20000

0

Time--> 8.25 8.30 8.35 8.40

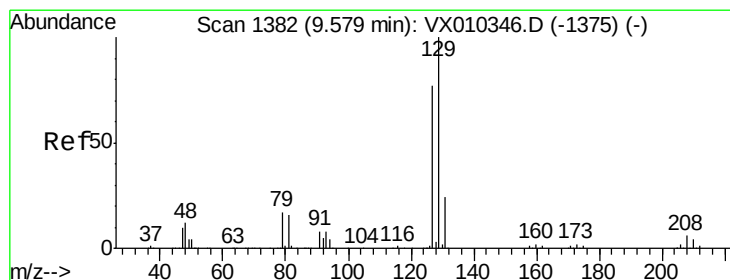
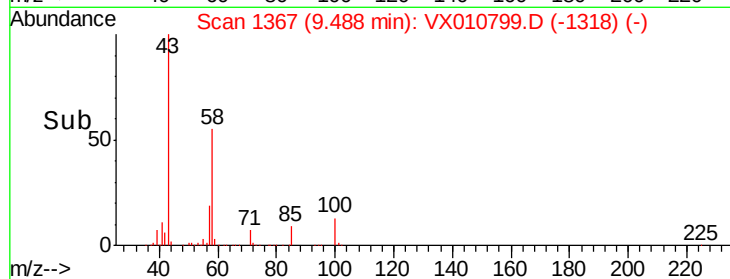
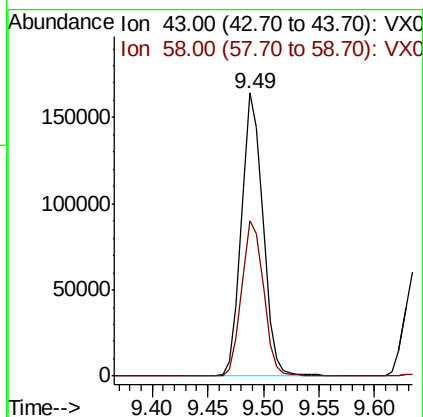
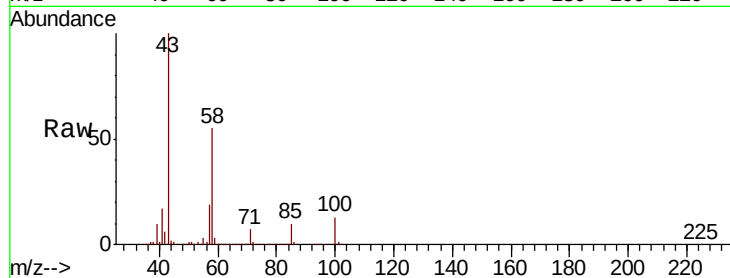




#59
2-Hexanone
Concen: 93.974 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

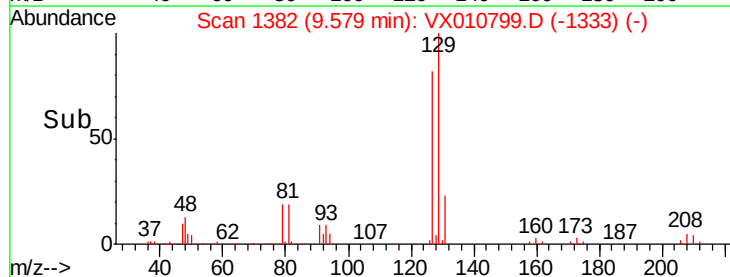
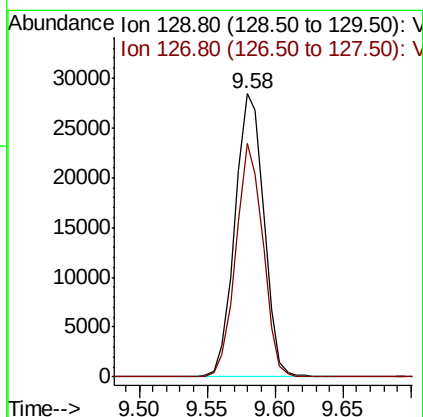
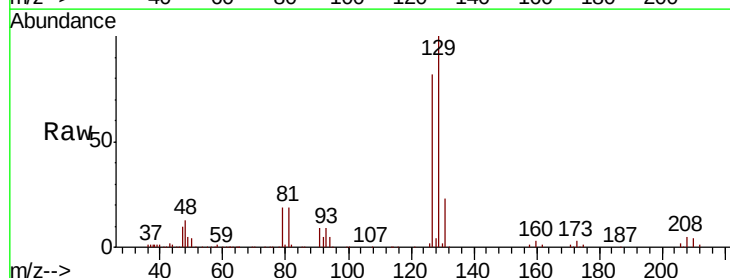
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

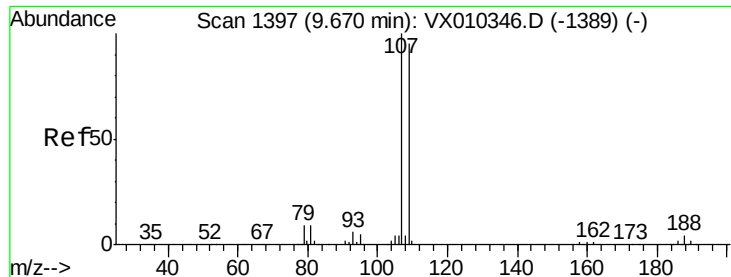
Tot Ion: 43 Resp: 220144
Ion Ratio Lower Upper
43 100
58 56.1 29.0 87.1



#60
Dibromochloromethane
Concen: 16.213 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 129 Resp: 42000
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1

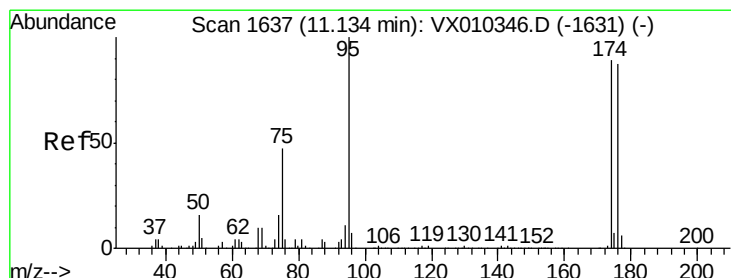
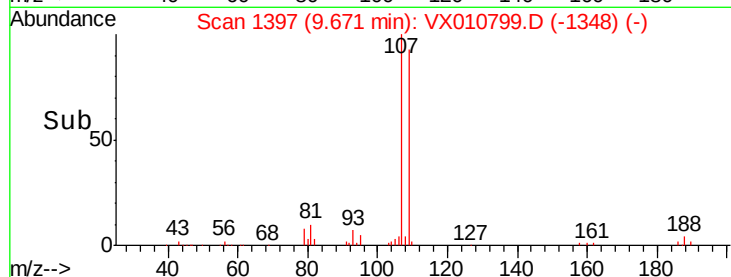
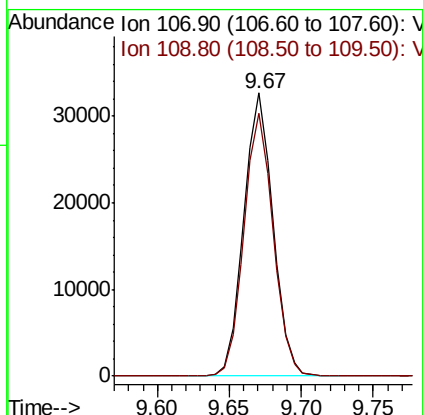
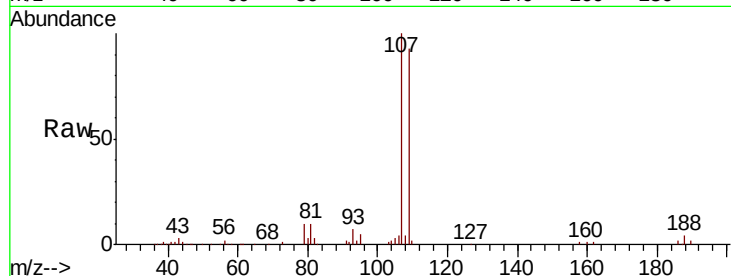




#61
 1,2-Dibromoethane
 Concen: 18.360 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

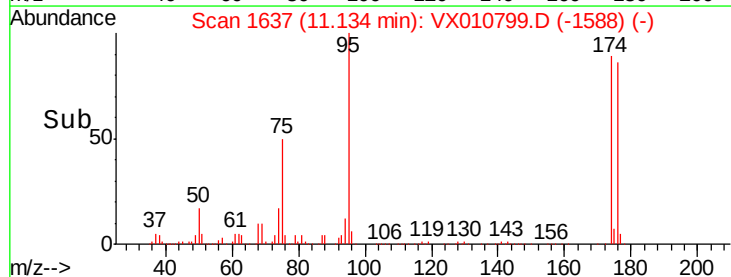
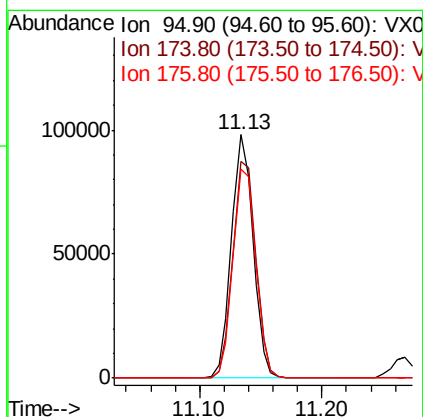
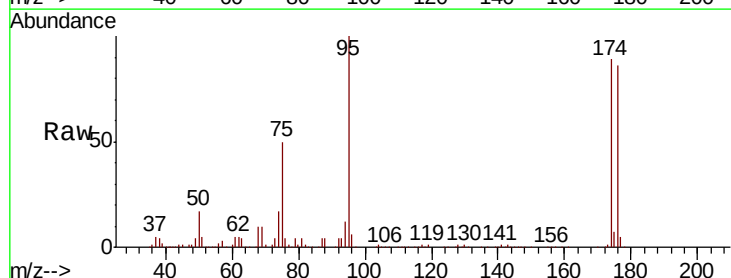
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

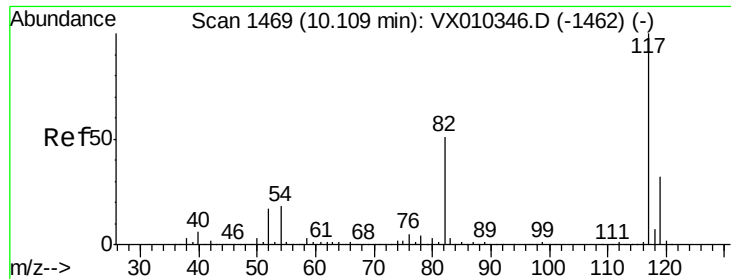
Tot Ion:107 Resp: 45850
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 41.363 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 95 Resp: 120277
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 187.6
 176 90.4 0.0 184.0

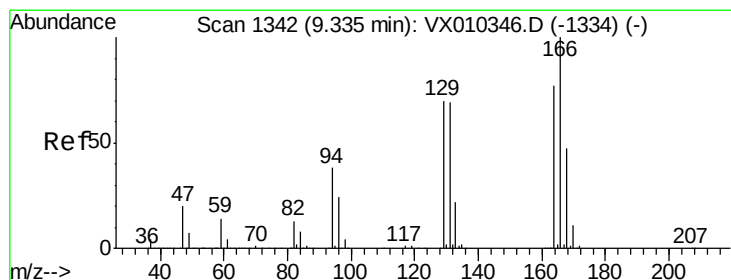
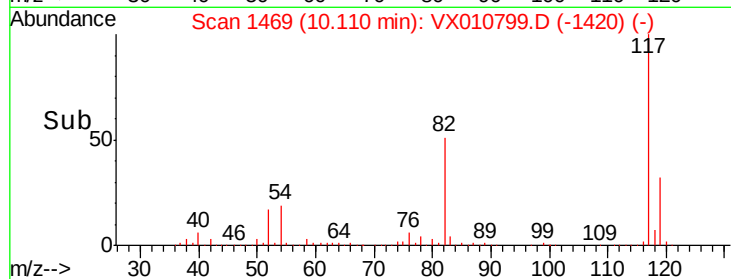
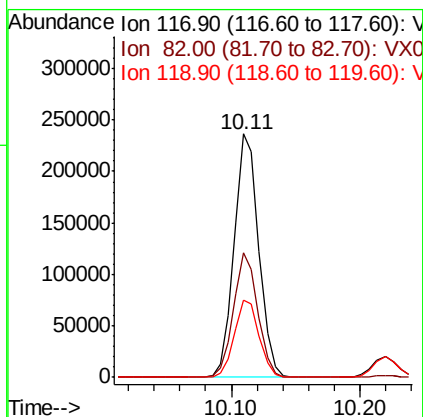
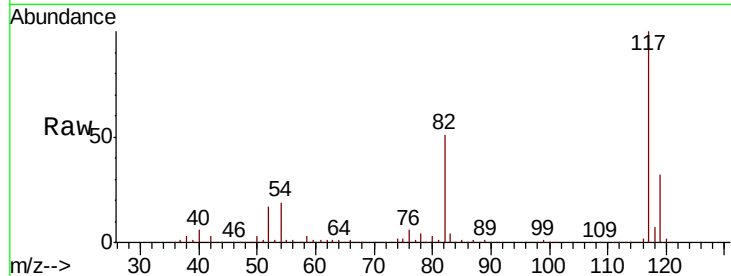




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

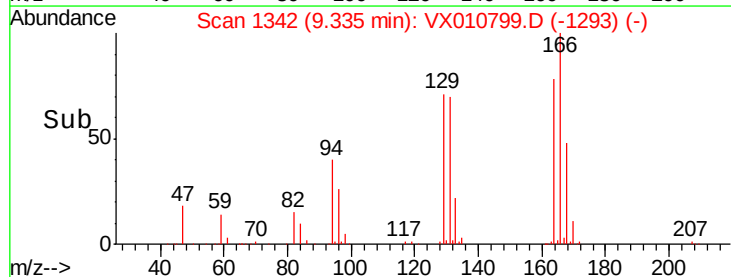
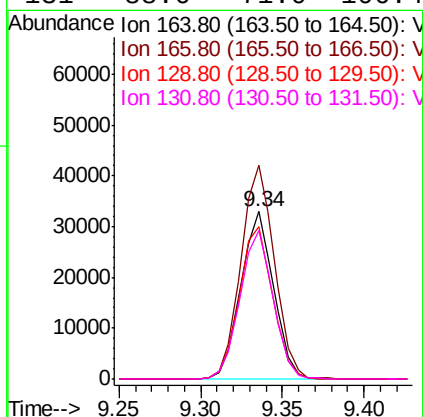
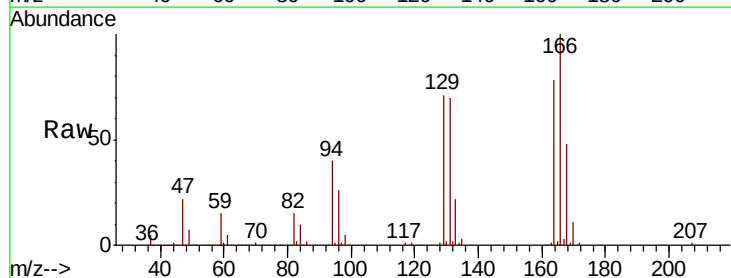
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

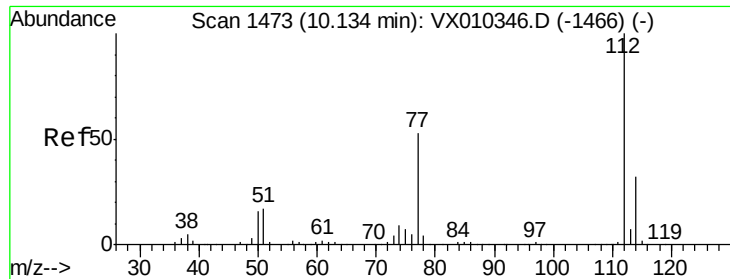
Tot Ion:117 Resp: 314849
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 18.074 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion:164 Resp: 46026
Ion Ratio Lower Upper
164 100
166 127.4 103.6 155.4
129 90.5 73.0 109.4
131 88.6 71.0 106.4

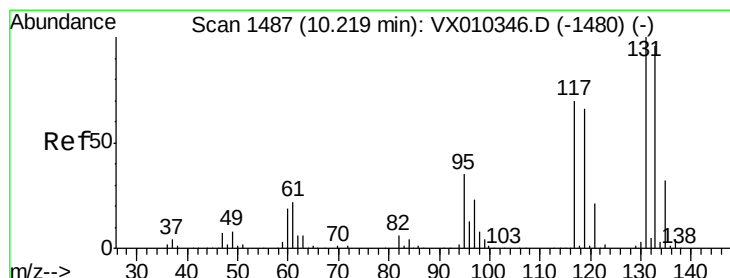
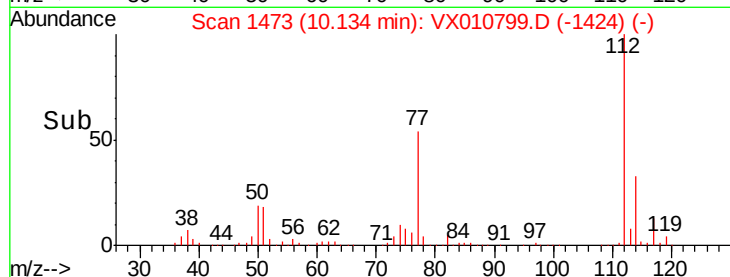
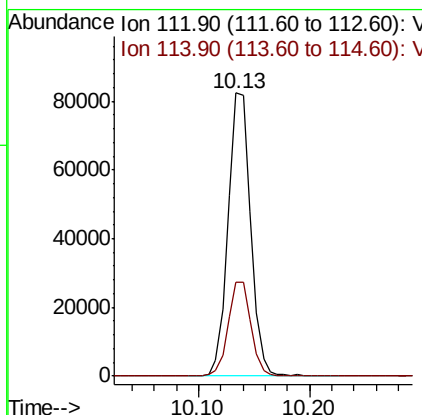
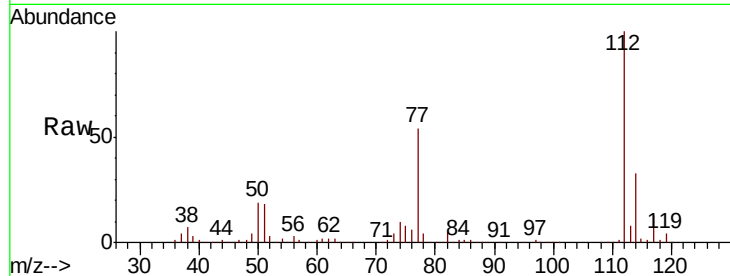




#65
Chlorobenzene
Concen: 18.114 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

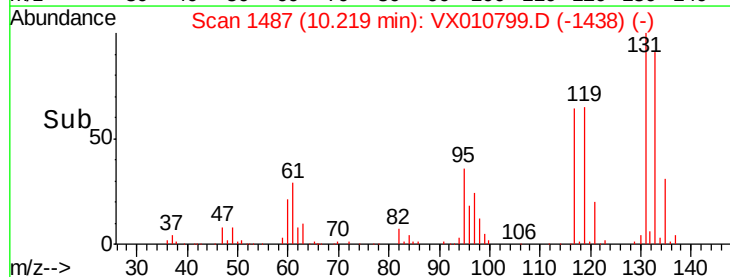
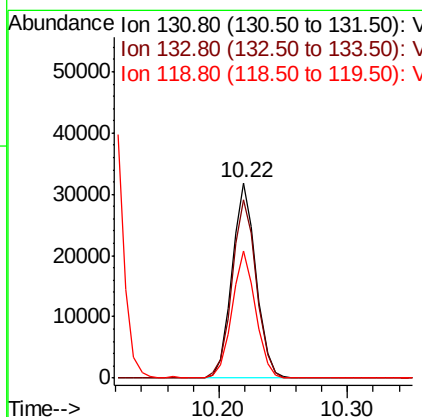
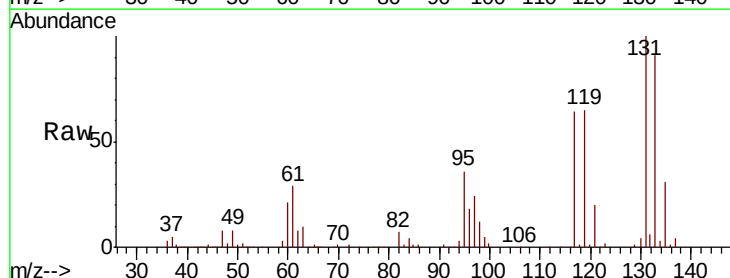
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

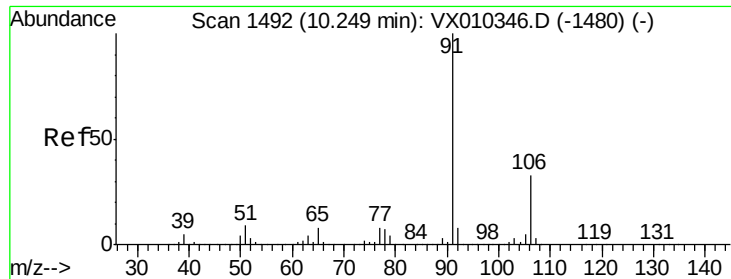
Tot Ion:112 Resp: 115784
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.785 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion:131 Resp: 41409
Ion Ratio Lower Upper
131 100
133 92.9 47.7 143.1
119 64.1 32.6 97.7





#67

Ethyl Benzene

Concen: 18.339 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

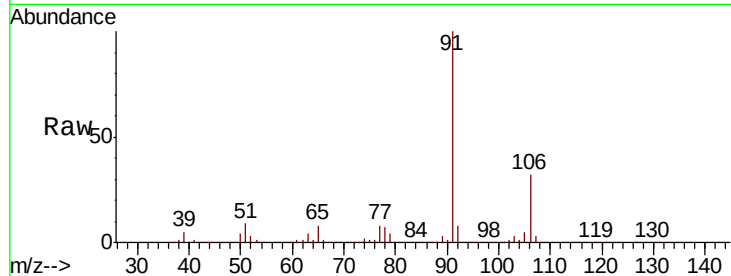
VX0711WBS01

Tot Ion: 91 Resp: 197903

Ion Ratio Lower Upper

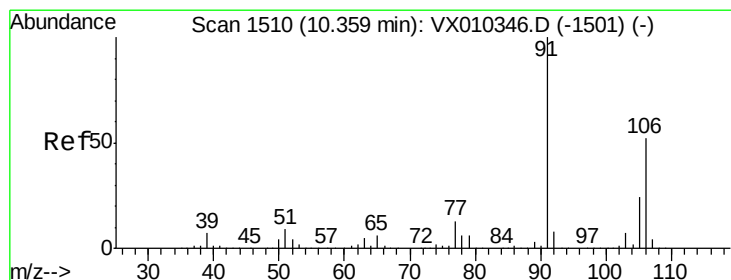
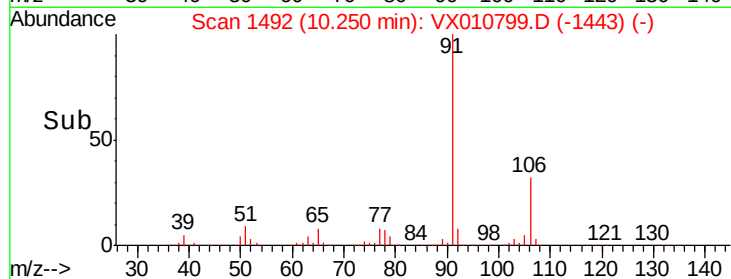
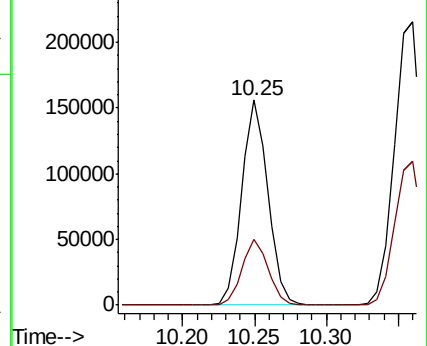
91 100

106 31.8 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.175 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010799.D

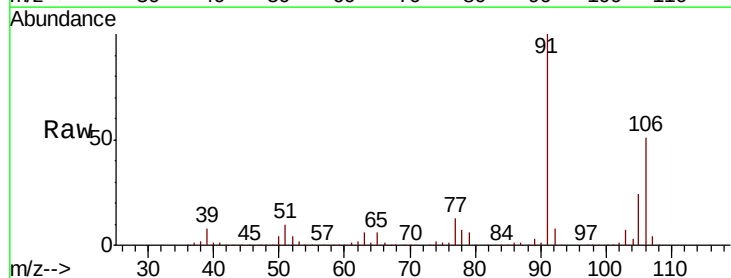
Acq: 11 Jul 2019 12:06

Tgt Ion: 106 Resp: 151257

Ion Ratio Lower Upper

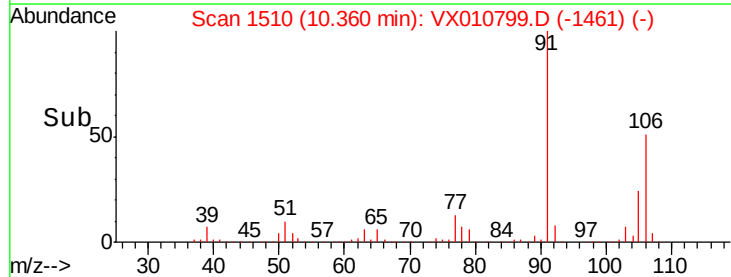
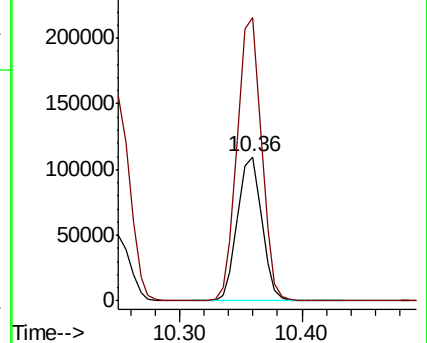
106 100

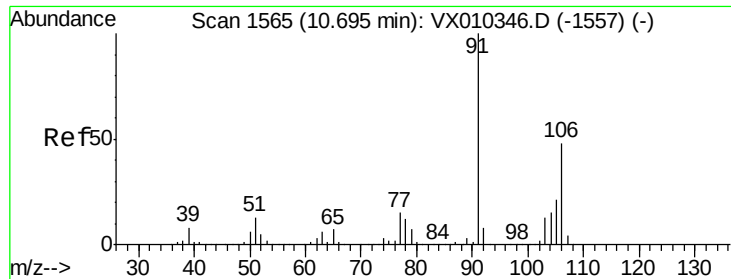
91 195.3 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

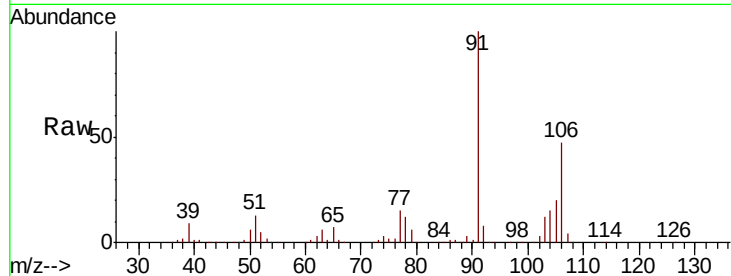




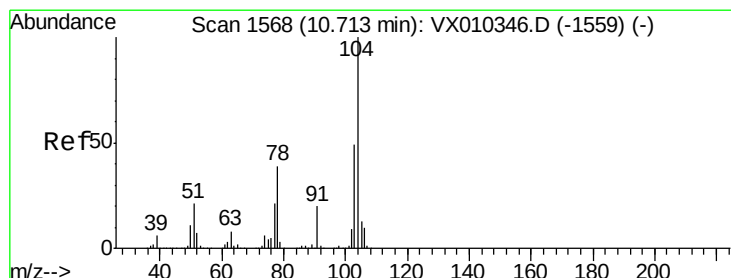
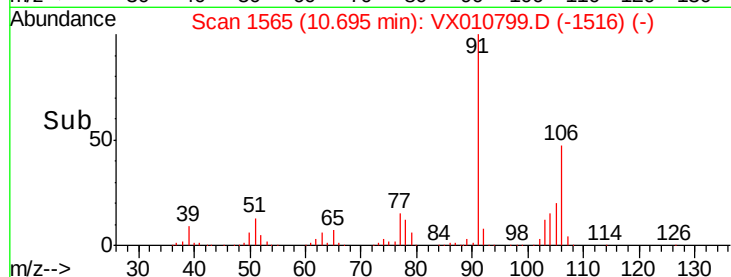
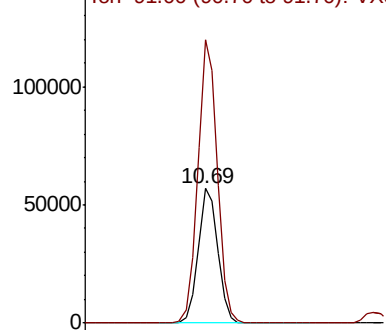
#69
o-Xylene
Concen: 17.994 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS01

Tot Ion:106 Resp: 73989
Ion Ratio Lower Upper
106 100
91 207.1 102.7 308.1

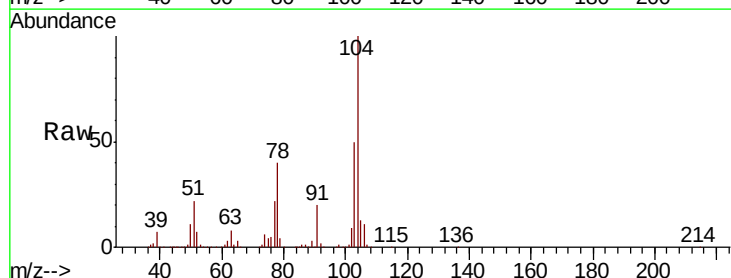


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

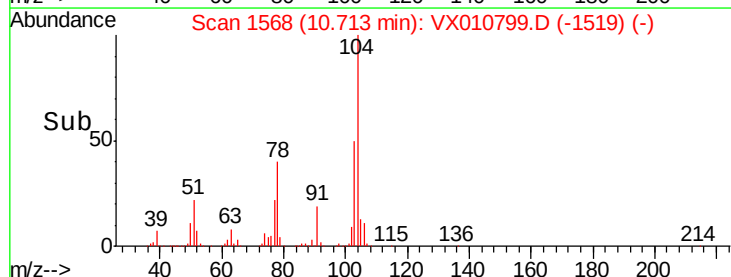
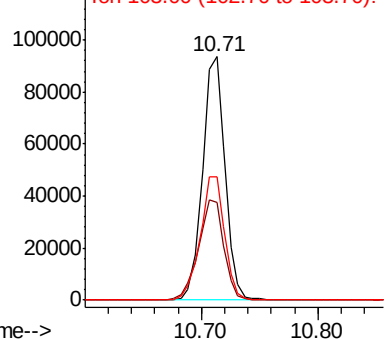


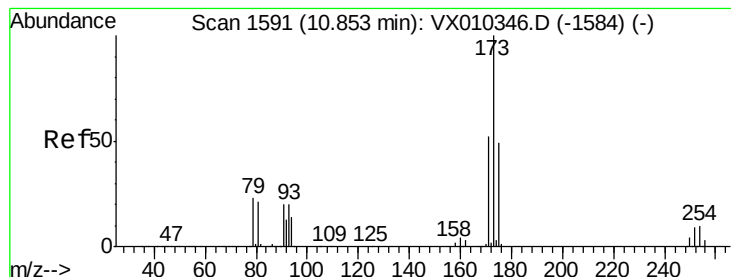
#70
Styrene
Concen: 18.277 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion:104 Resp: 126038
Ion Ratio Lower Upper
104 100
78 46.3 36.2 54.2
103 54.9 44.2 66.4



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





#71

Bromoform

Concen: 14.881 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

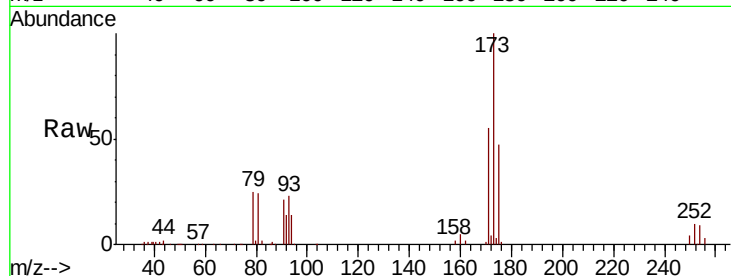
Tot Ion:173 Resp: 30130

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.3

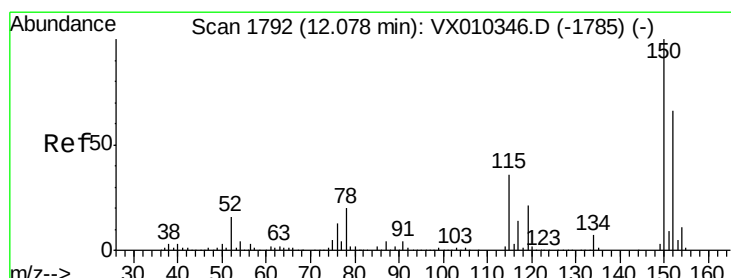
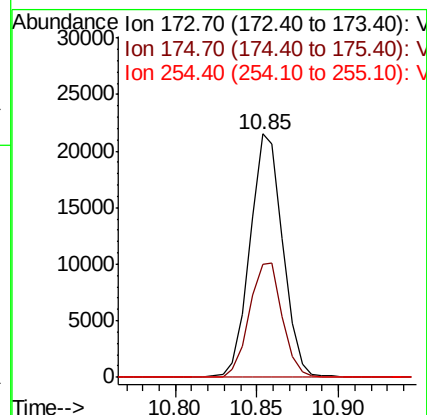
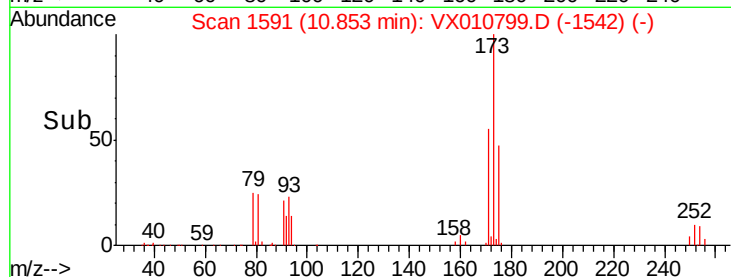
254 0.0 0.2 0.2#



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: VX010799.D

Acq: 11 Jul 2019 12:06

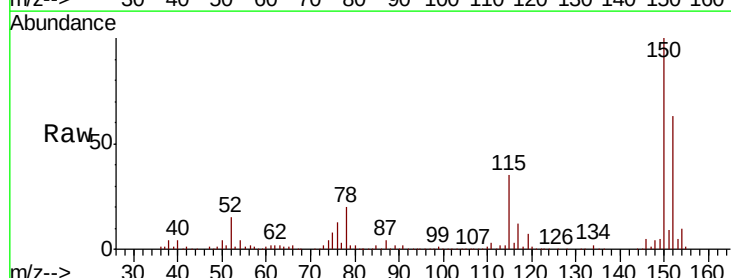
Tgt Ion:152 Resp: 158981

Ion Ratio Lower Upper

152 100

115 64.8 38.6 115.7

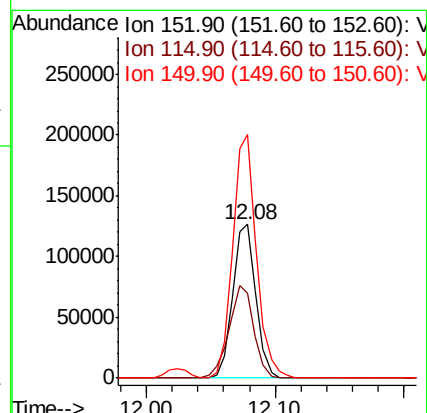
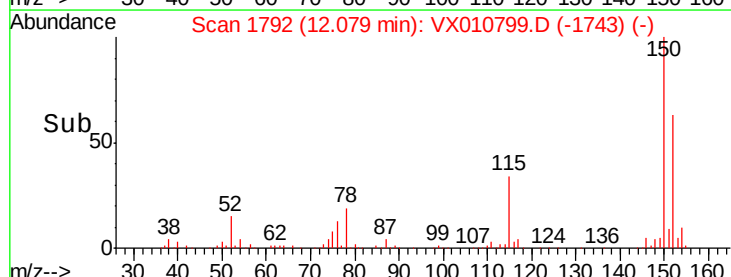
150 162.0 0.0 347.4

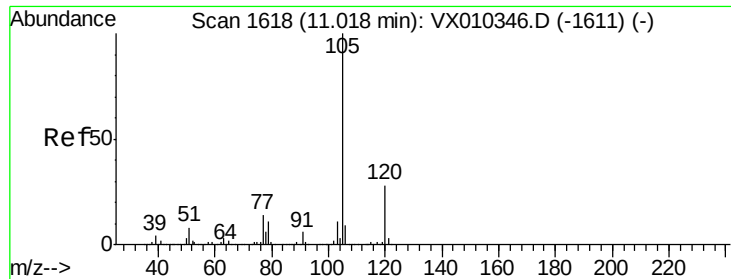


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.455 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

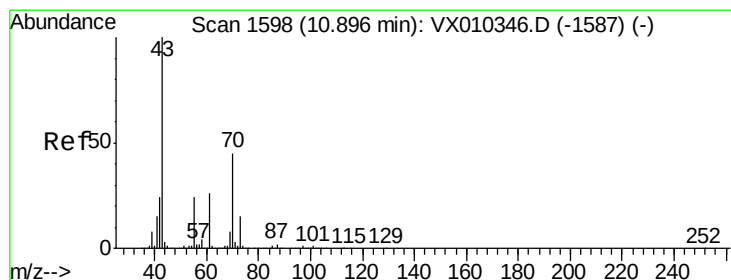
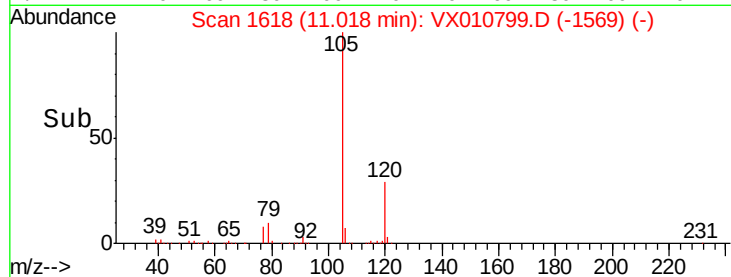
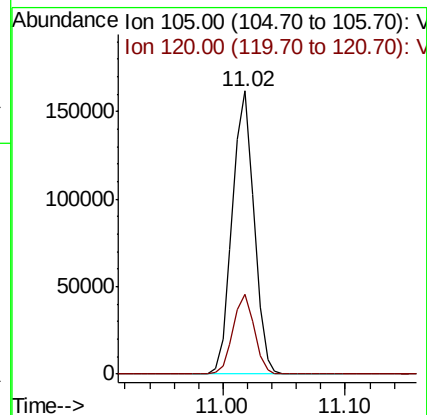
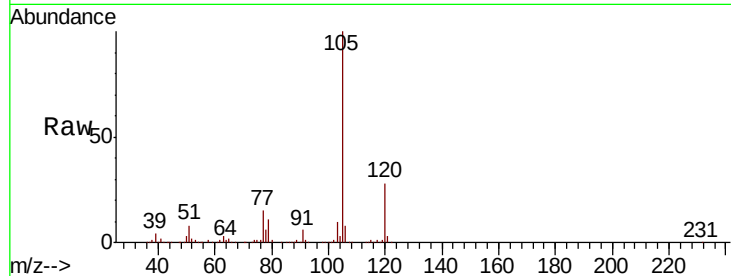
VX0711WBS01

Tot Ion:105 Resp: 198886

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 18.296 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Tgt Ion: 43 Resp: 74515

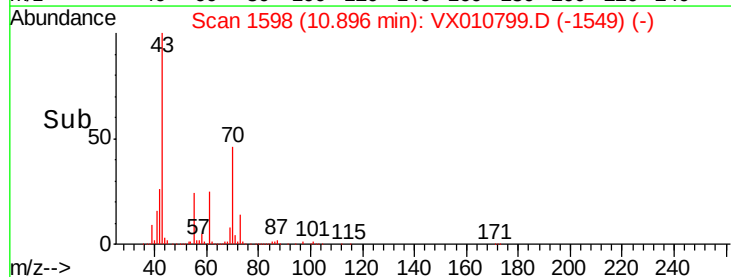
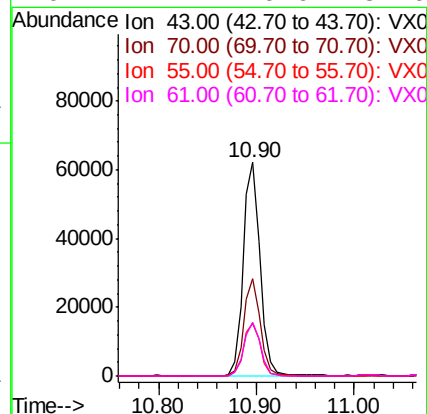
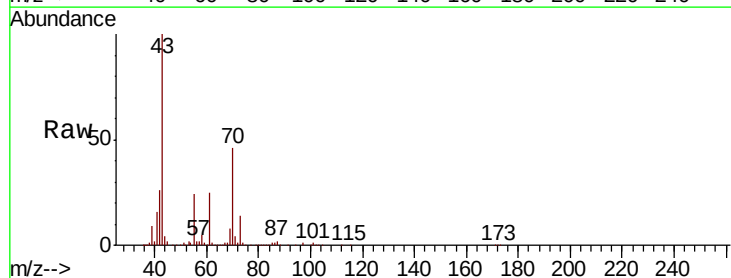
Ion Ratio Lower Upper

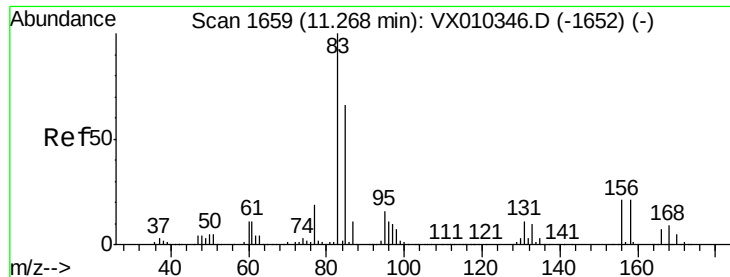
43 100

70 44.6 36.6 54.8

55 24.8 18.7 28.1

61 24.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.572 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

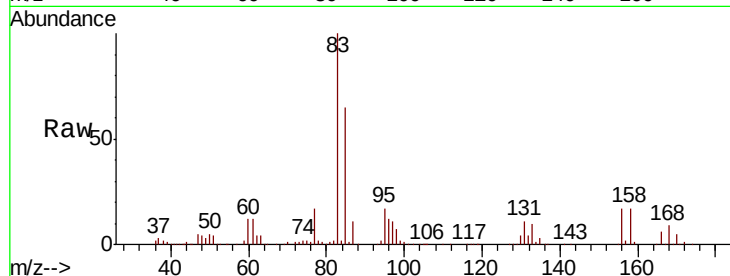
Tot Ion: 83 Resp: 66283

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

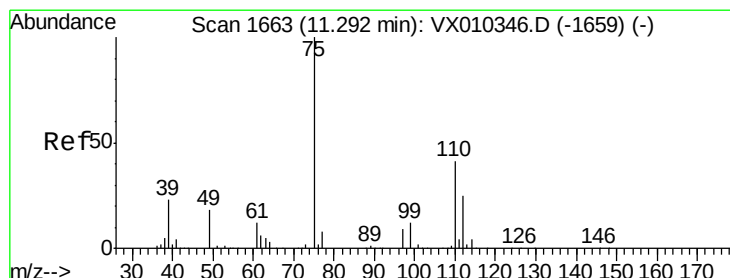
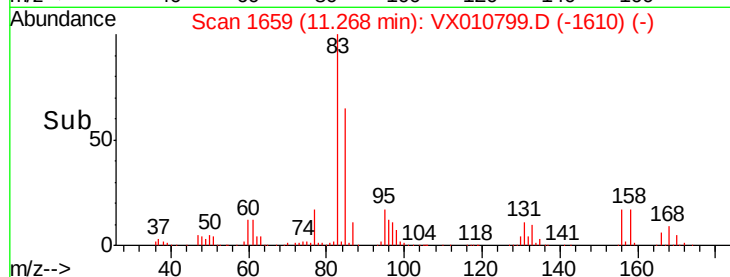
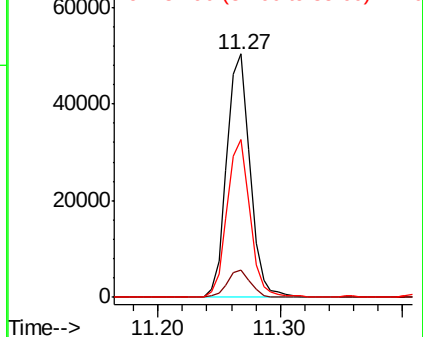
85 63.9 32.3 96.8



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: 23.755 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010799.D

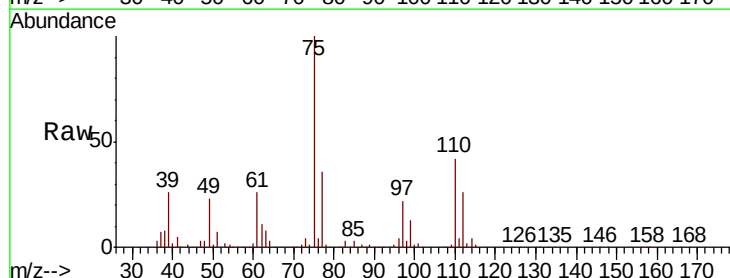
Acq: 11 Jul 2019 12:06

Tgt Ion: 75 Resp: 68820

Ion Ratio Lower Upper

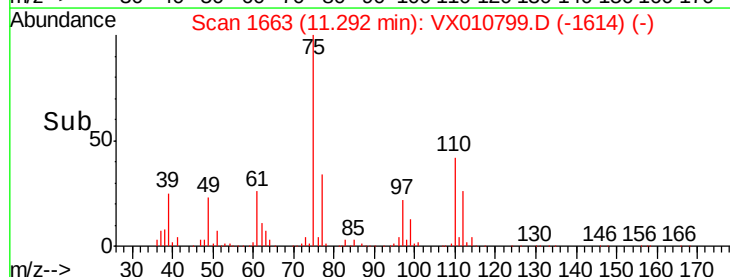
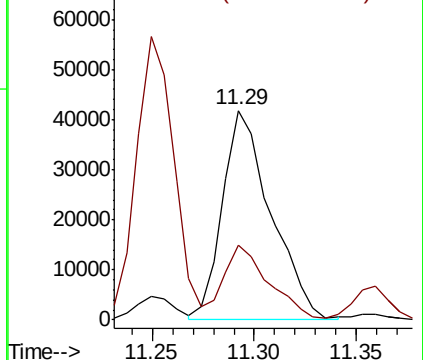
75 100

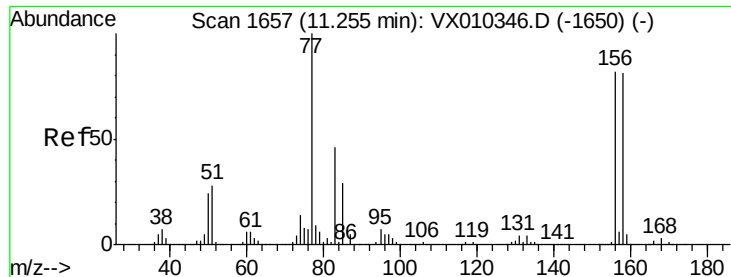
77 33.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.709 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

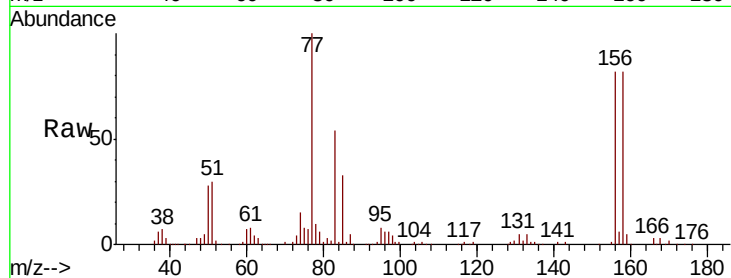
Tot Ion:156 Resp: 53290

Ion Ratio Lower Upper

156 100

77 135.8 66.3 198.7

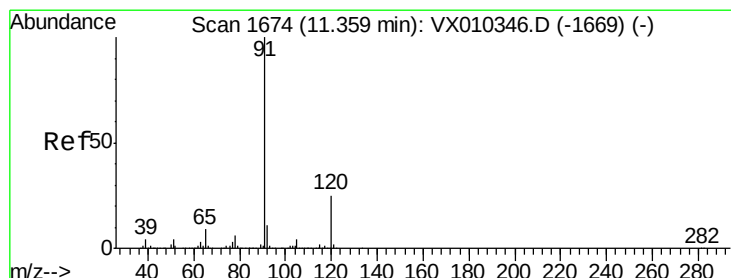
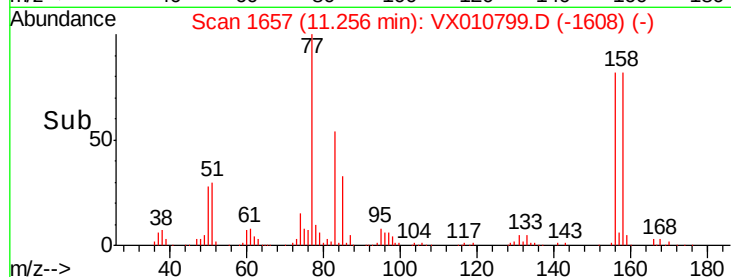
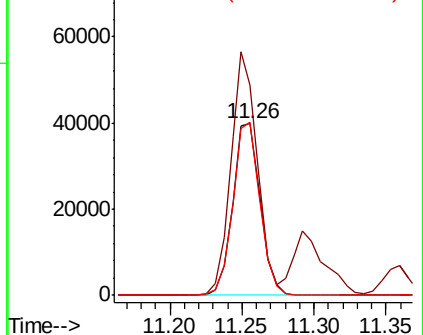
158 98.9 48.9 146.7



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: 18.389 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010799.D

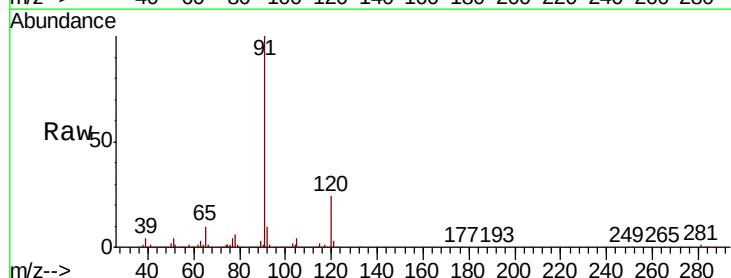
Acq: 11 Jul 2019 12:06

Tgt Ion: 91 Resp: 217800

Ion Ratio Lower Upper

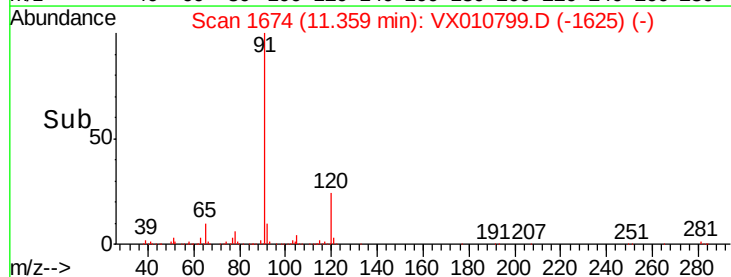
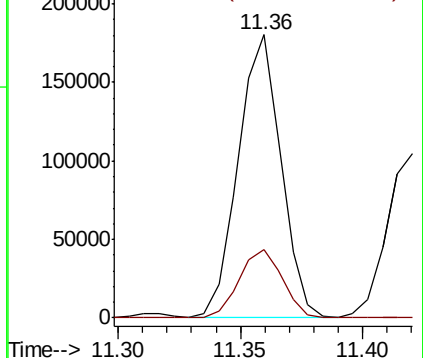
91 100

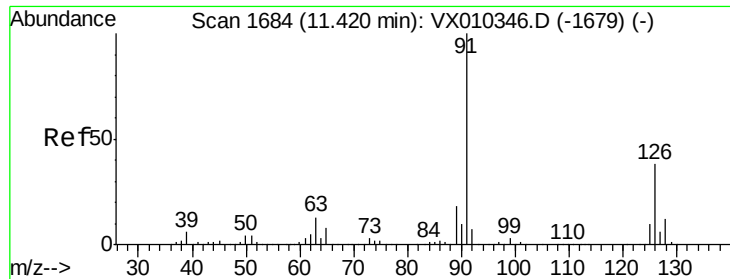
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

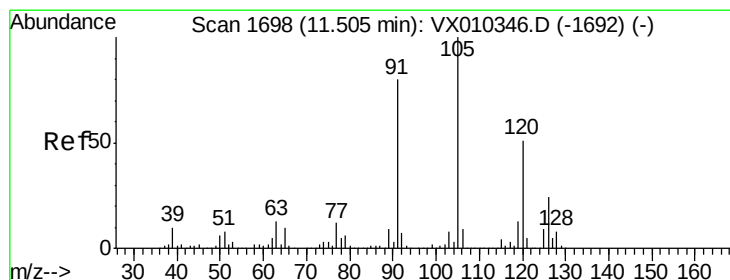
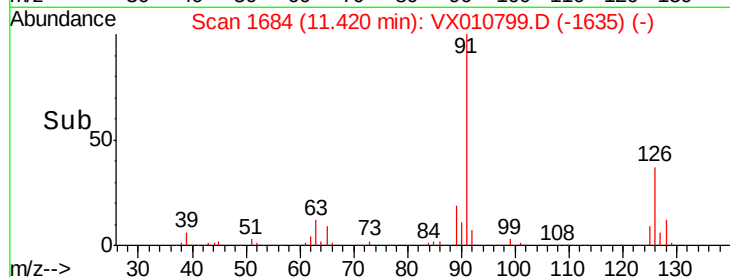
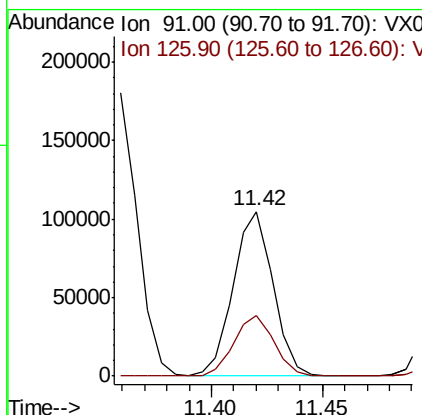
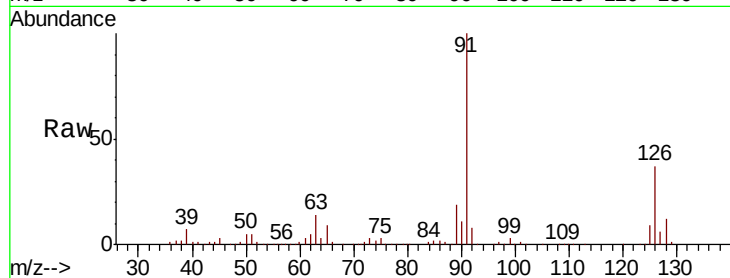




#79
 2-Chlorotoluene
 Concen: 18.430 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

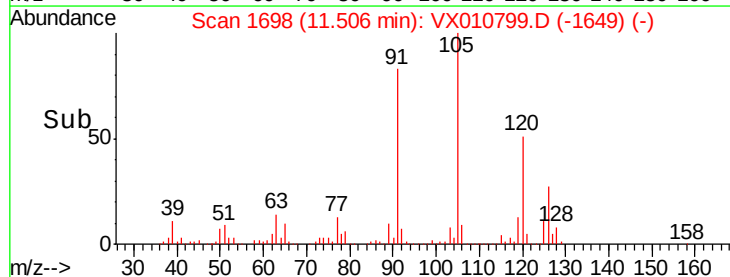
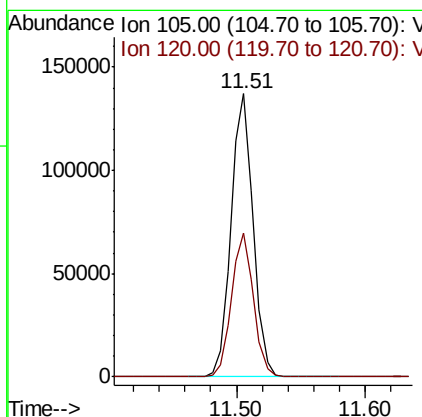
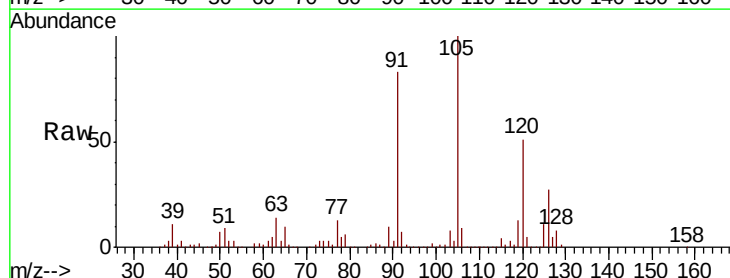
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

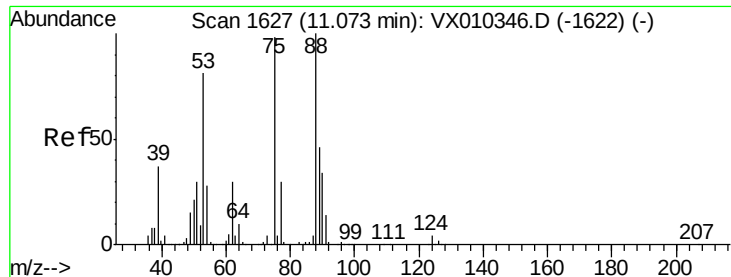
Tot Ion: 91 Resp: 129988
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.490 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 105 Resp: 164268
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6

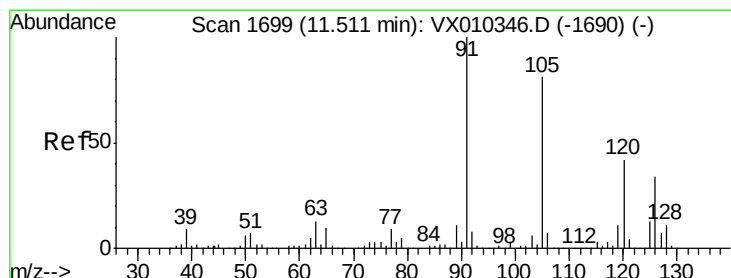
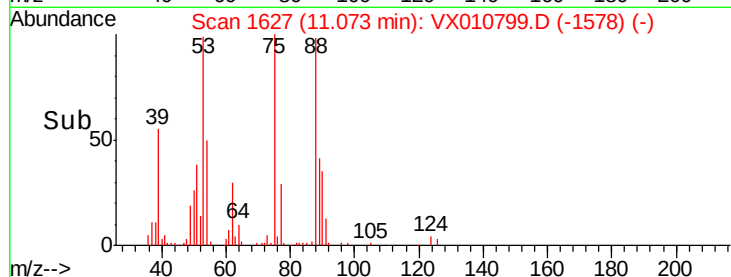
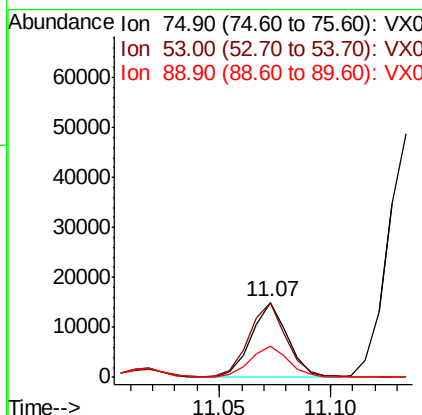
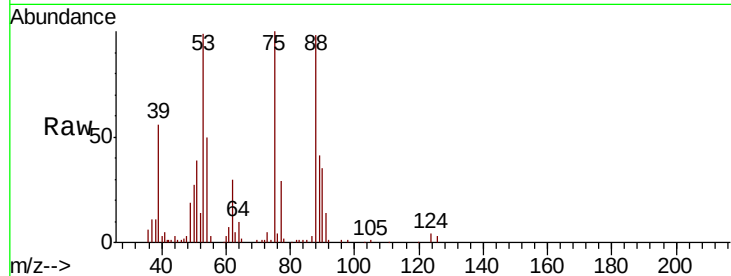




#81
trans-1,4-Dichloro-2-butene
Concen: 13.578 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

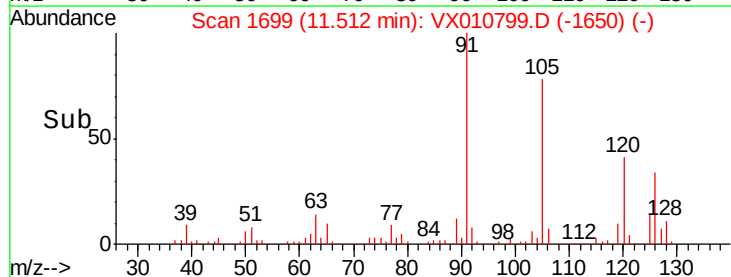
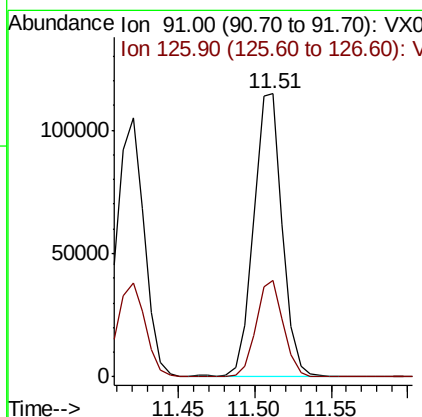
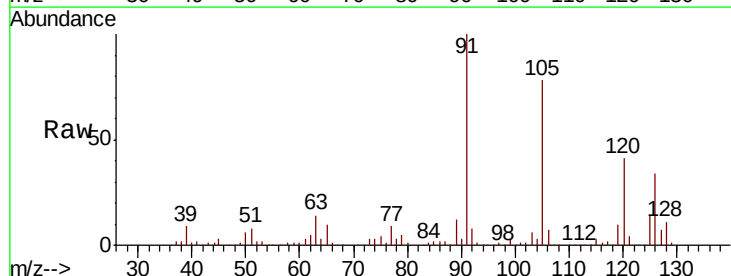
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

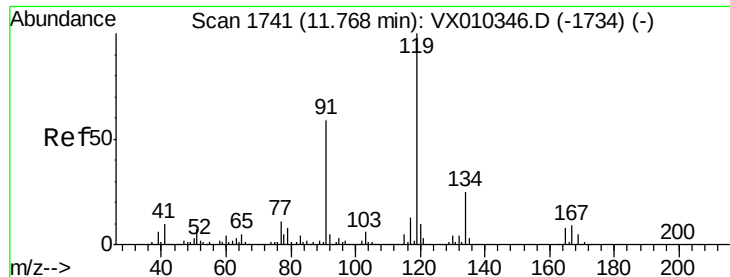
Tot Ion: 75 Resp: 16862
Ion Ratio Lower Upper
75 100
53 103.5 66.1 99.1#
89 44.6 37.8 56.6



#82
4-Chlorotoluene
Concen: 18.457 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion: 91 Resp: 148129
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

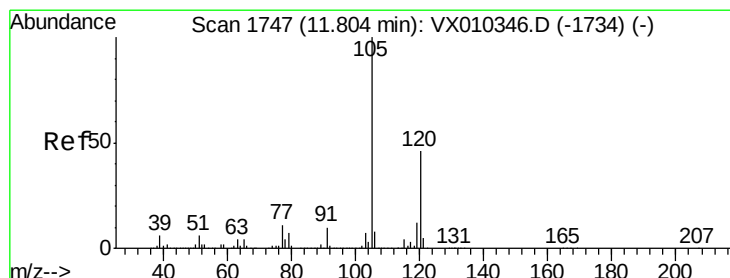
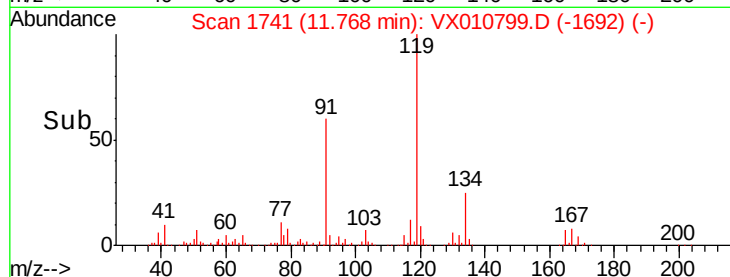
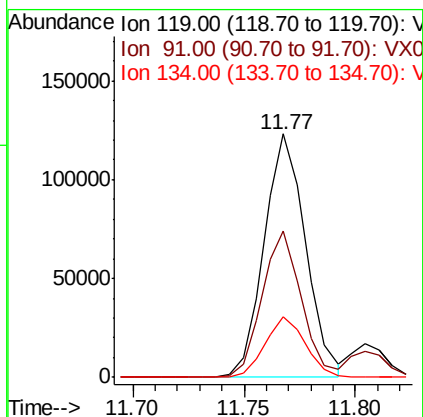
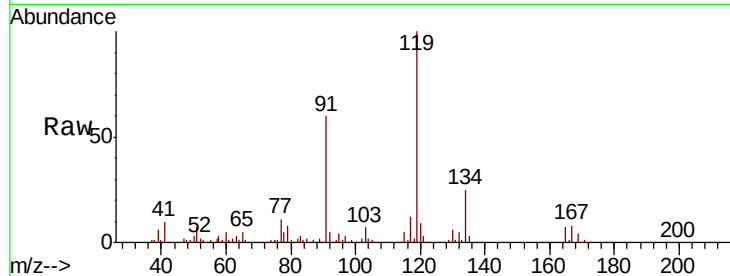




#83
 tert-Butylbenzene
 Concen: 17.839 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

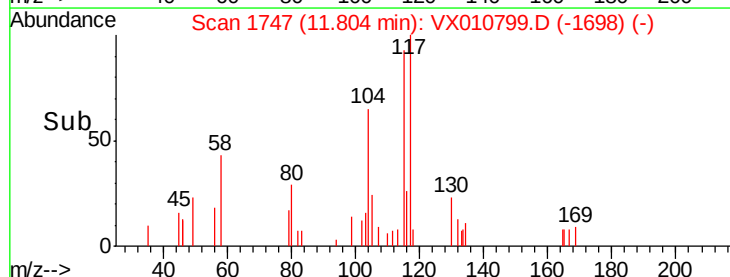
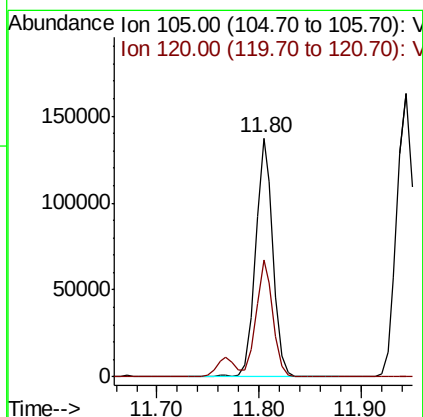
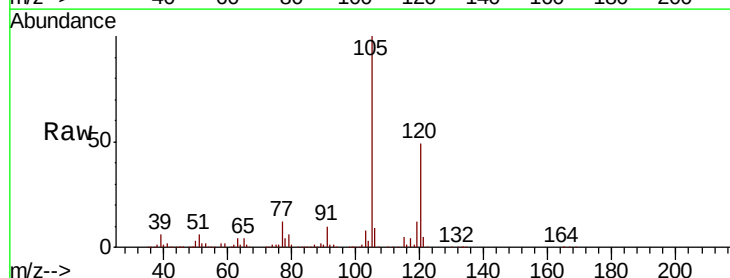
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

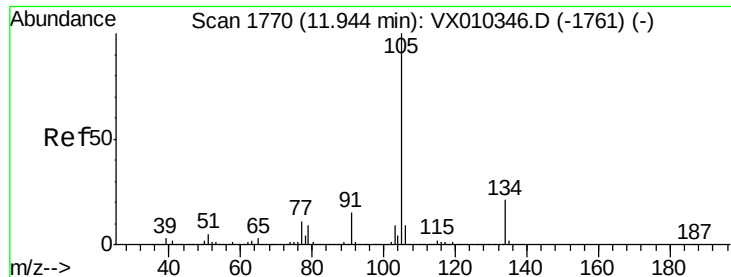
Tot Ion:119 Resp: 159072
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.6 82.7
 134 24.4 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.382 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion:105 Resp: 164077
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.357 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

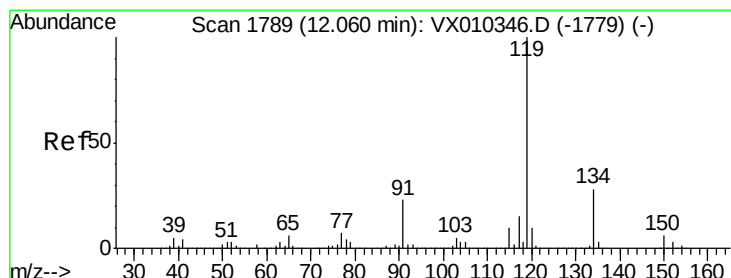
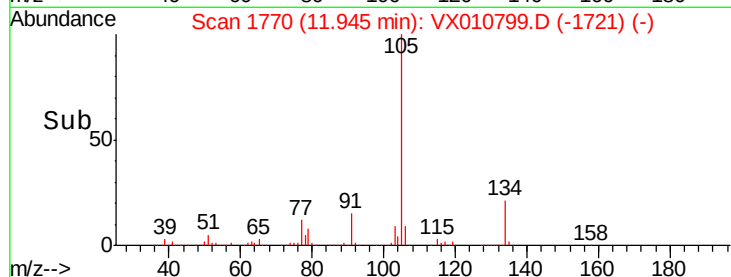
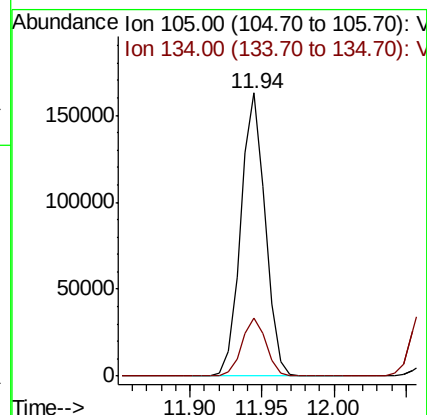
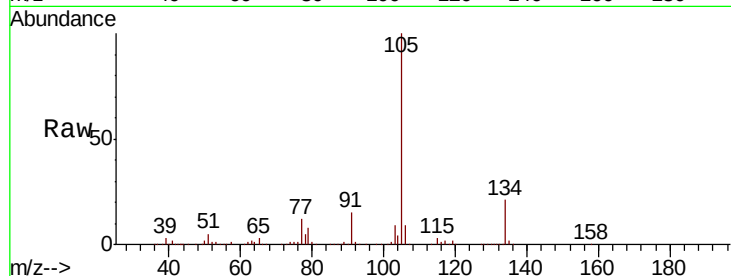
VX0711WBS01

Tot Ion:105 Resp: 192199

Ion Ratio Lower Upper

105 100

134 20.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 18.396 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

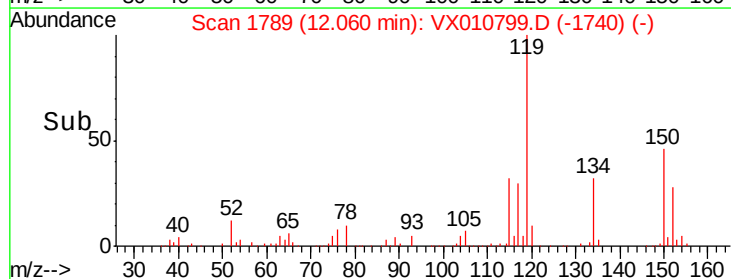
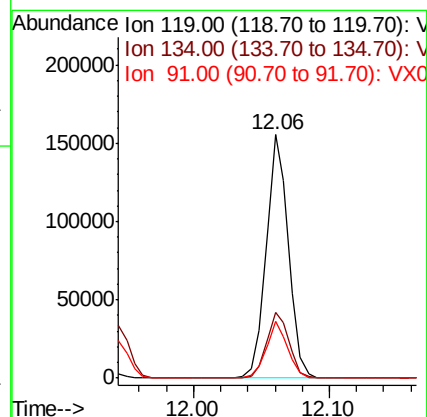
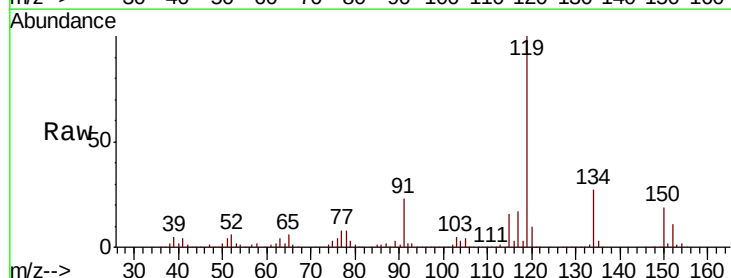
Tgt Ion:119 Resp: 178154

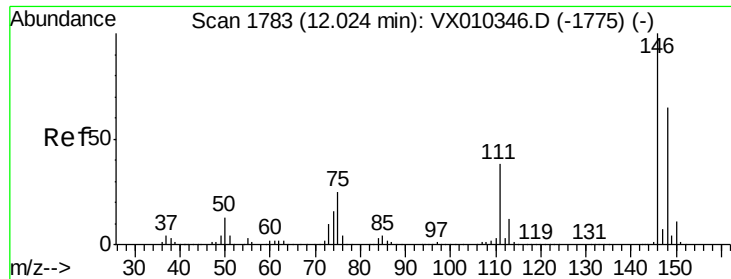
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.4 11.3 33.8

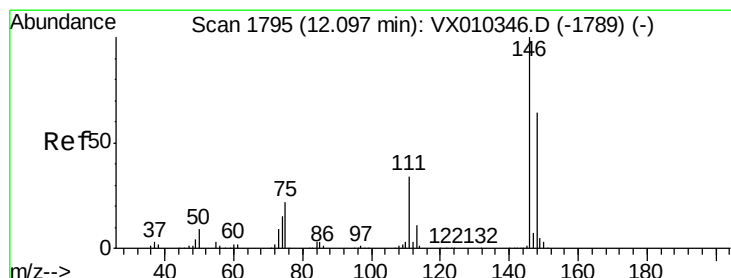
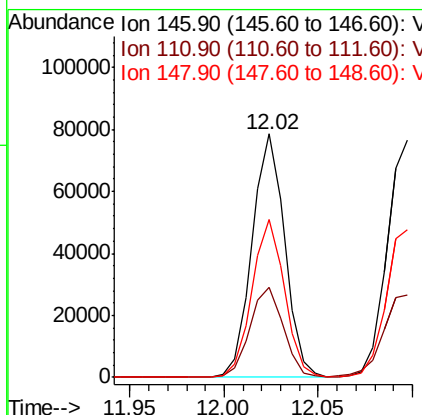
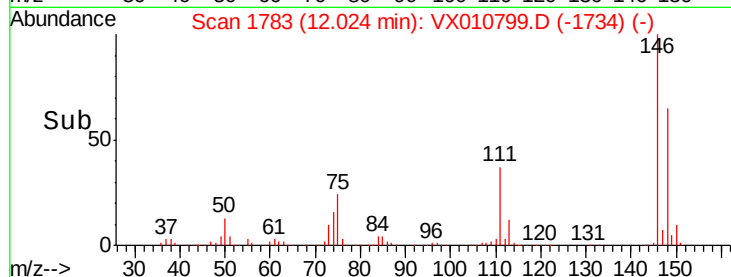
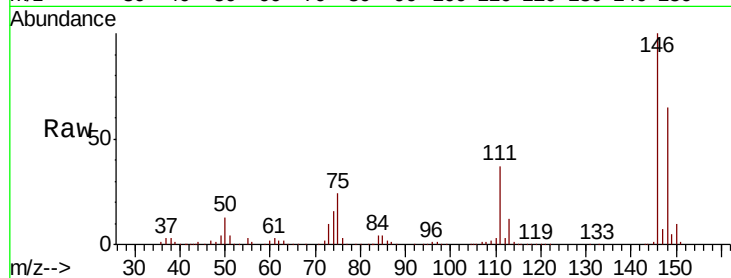




#87
 1,3-Dichlorobenzene
 Concen: 17.978 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

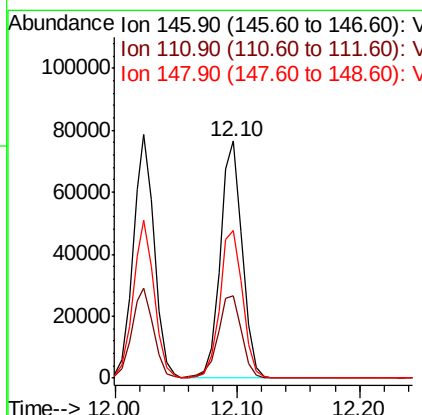
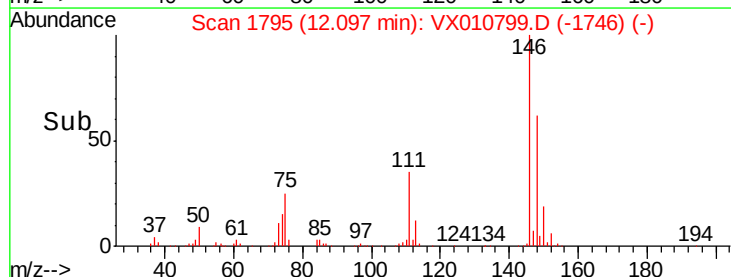
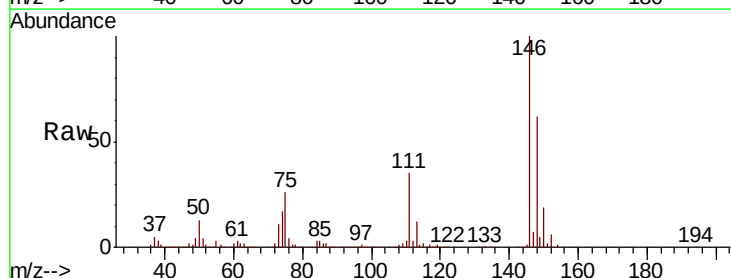
Instrument :
 MSVOA_X
 ClientSampled :
 VX0711WBS01

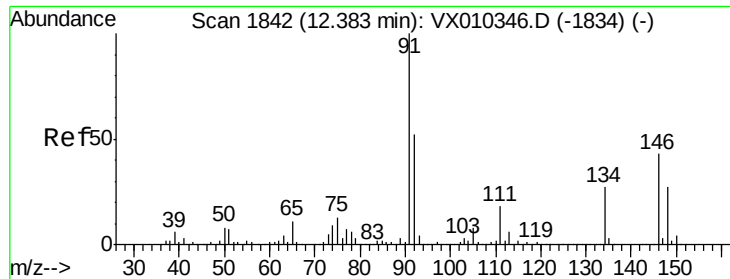
Tot Ion:146 Resp: 94433
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 17.758 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion:146 Resp: 94961
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.1 54.3
 148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 17.704 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010799.D

Acq: 11 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS01

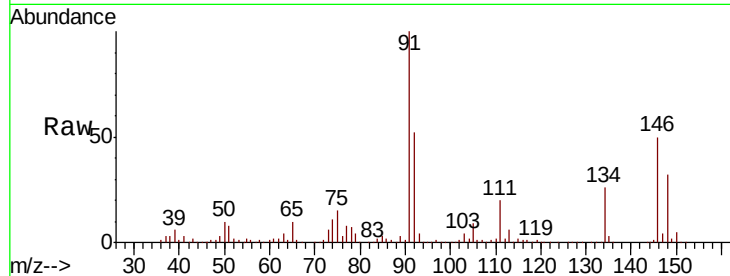
Tot Ion: 91 Resp: 145694

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

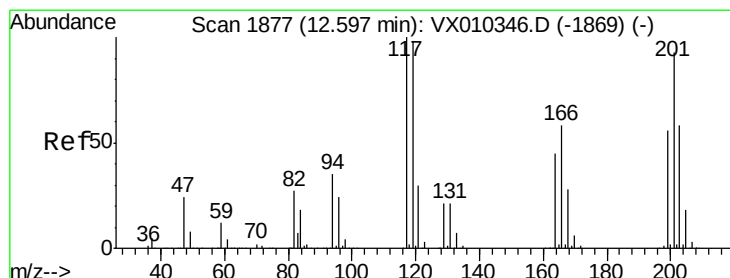
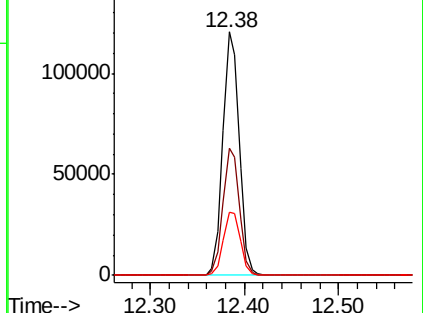
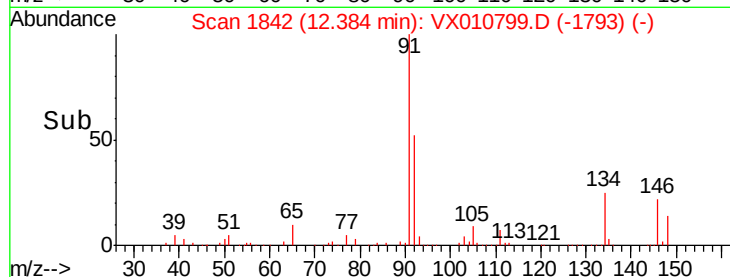
134 27.2 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 14.656 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010799.D

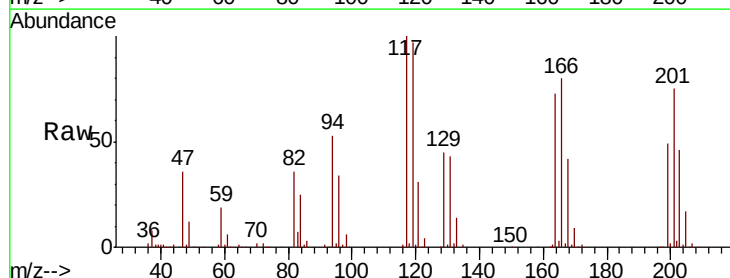
Acq: 11 Jul 2019 12:06

Tgt Ion: 117 Resp: 24542

Ion Ratio Lower Upper

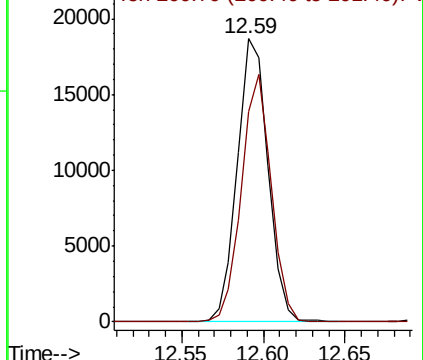
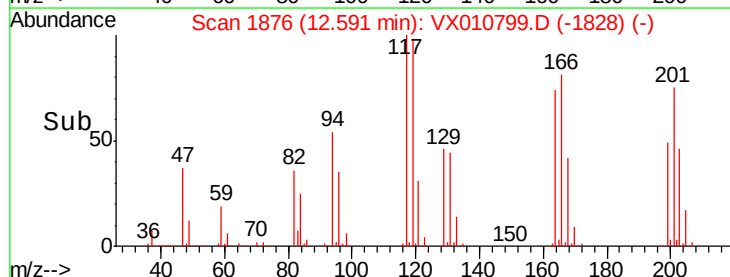
117 100

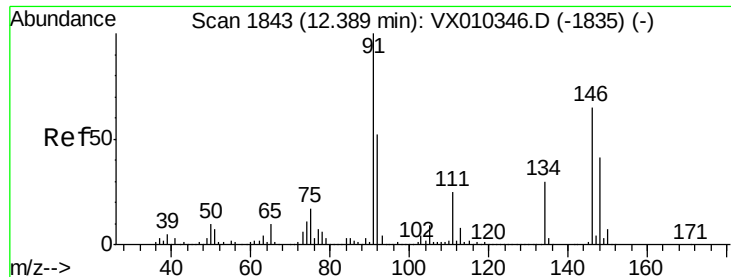
201 84.6 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

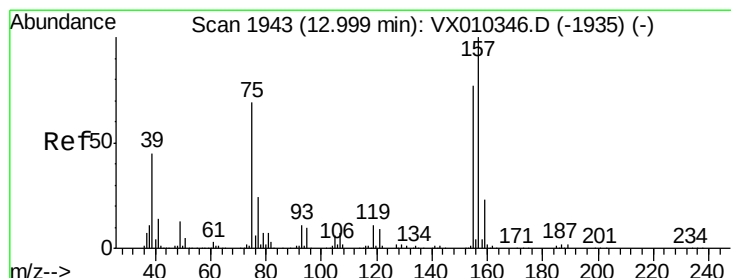
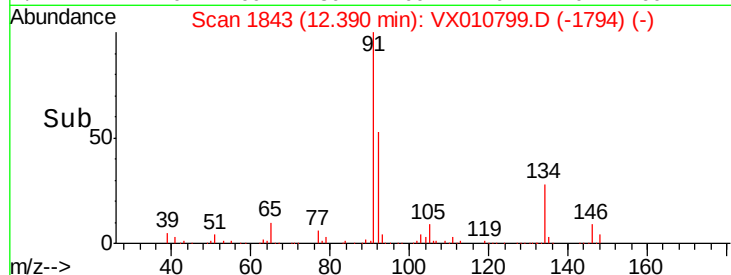
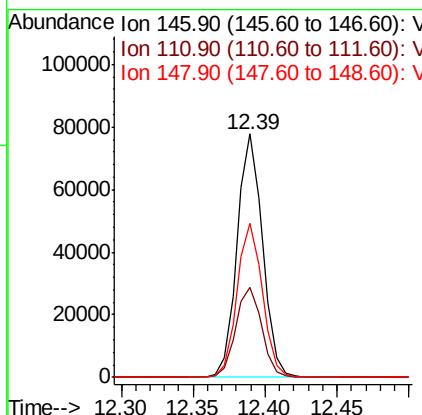
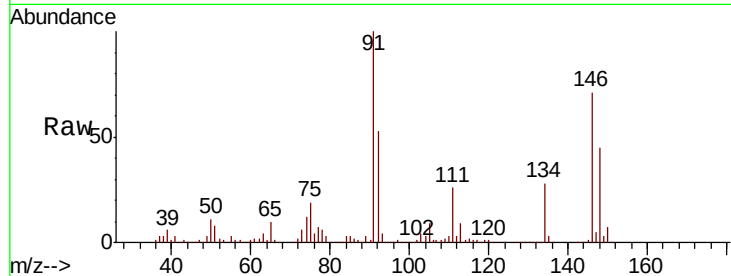




#91
 1,2-Dichlorobenzene
 Concen: 18.327 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

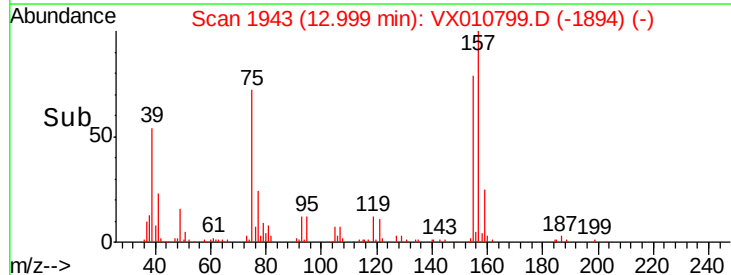
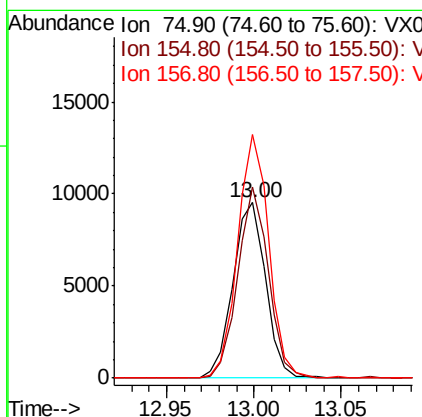
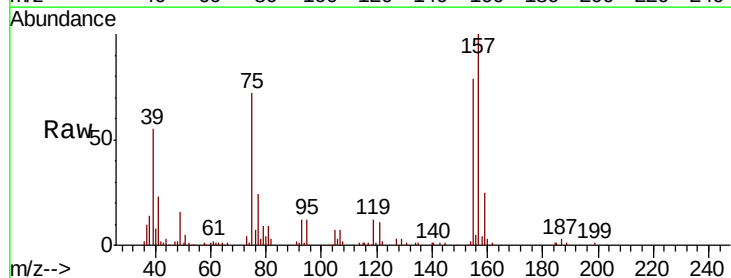
Instrument :
 MSVOA_X
 ClientSampled :
 VX0711WBS01

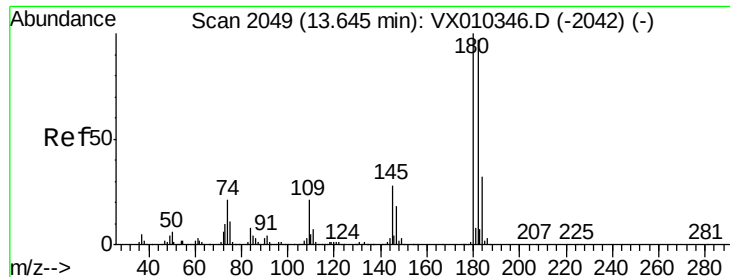
Tot Ion:146 Resp: 95680
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.2 57.6
 148 63.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.090 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion: 75 Resp: 12381
 Ion Ratio Lower Upper
 75 100
 155 102.1 54.4 163.1
 157 131.8 69.5 208.3

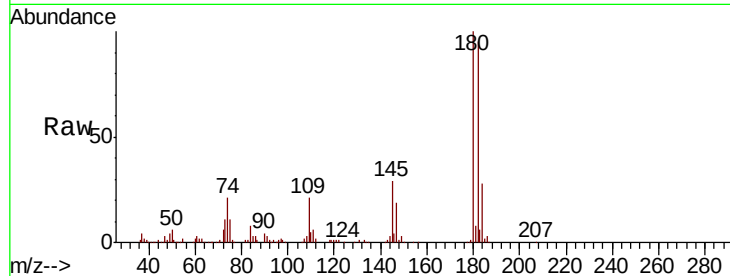




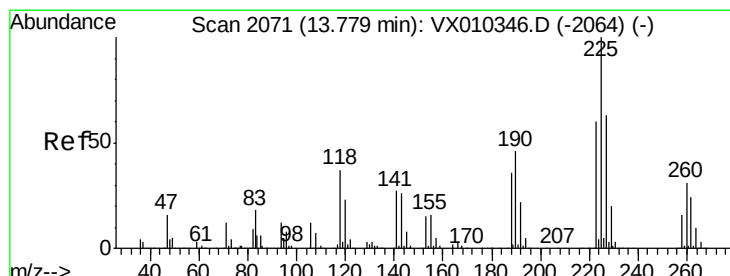
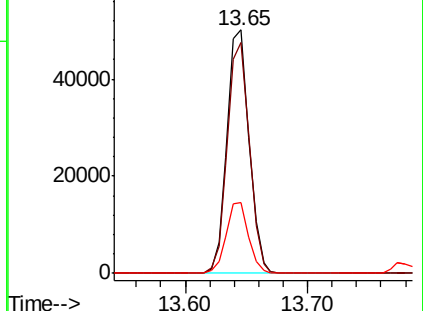
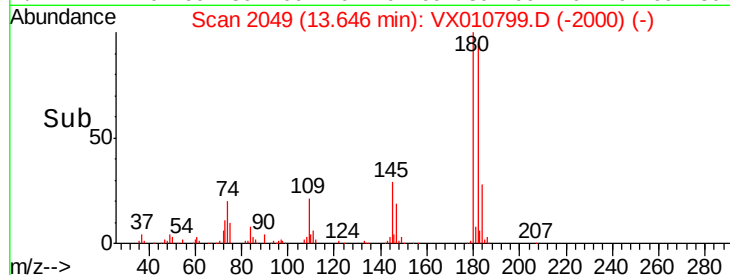
#93
 1,2,4-Trichlorobenzene
 Concen: 17.357 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Tot Ion:180 Resp: 62839
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.0 144.0
 145 29.1 14.4 43.4

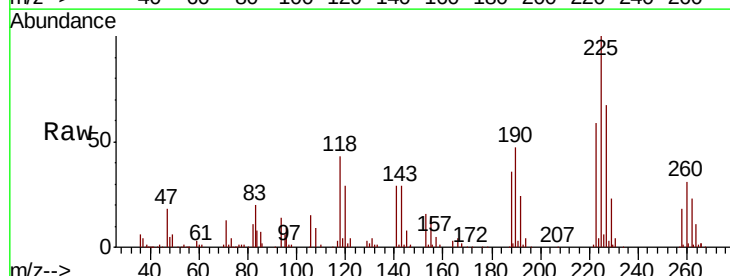


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

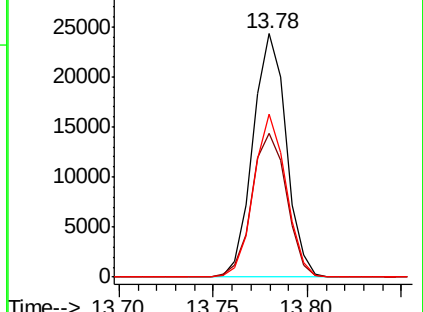
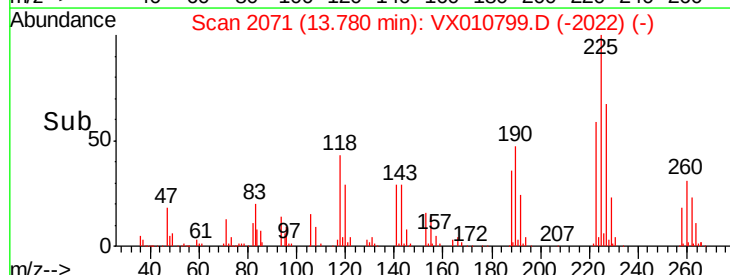


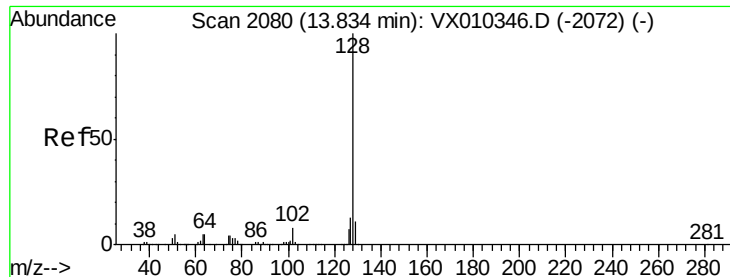
#94
 Hexachlorobutadiene
 Concen: 16.859 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010799.D
 Acq: 11 Jul 2019 12:06

Tgt Ion:225 Resp: 29830
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 65.1 31.9 95.5



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

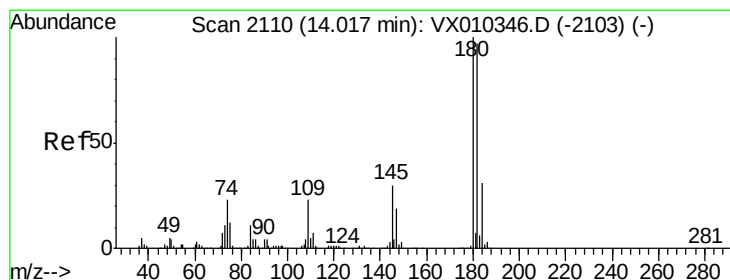
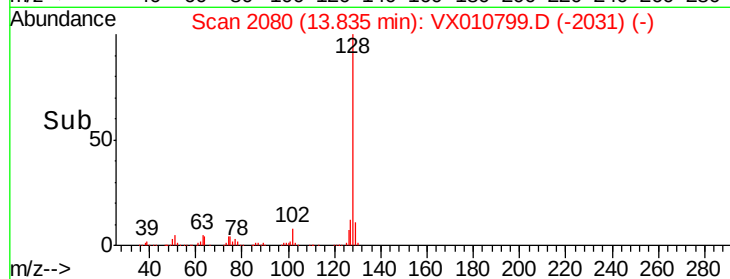
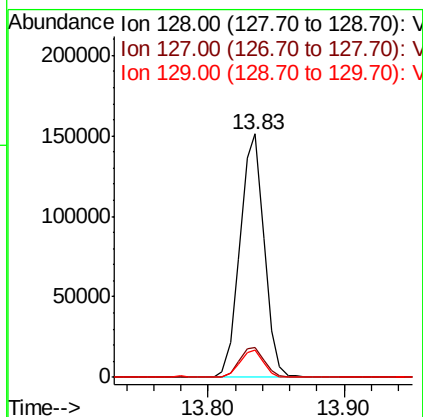
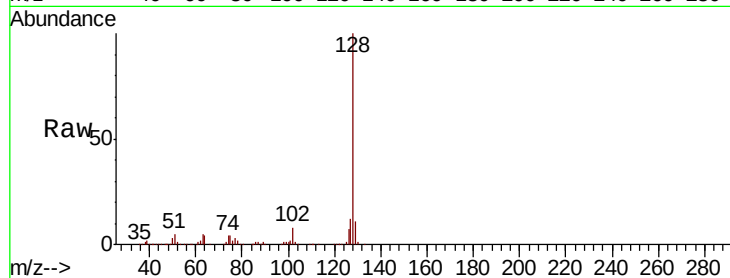




#95
Naphthalene
Concen: 16.779 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS01

Tot Ion:128 Resp: 186684
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.527 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010799.D
Acq: 11 Jul 2019 12:06

Tgt Ion:180 Resp: 63089
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.3
145 30.9 15.2 45.6

