

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010879.D
 Acq On : 15 Jul 2019 13:09
 Operator : JC/SP
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Quant Time: Jul 16 01:57:48 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	251586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110384	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	101474	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	8.71	98	366755	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
62) 4-Bromofluorobenzene	11.13	95	140488	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	35873	20.509	ug/l	97
3) Chloromethane	1.33	50	37352	18.339	ug/l	98
4) Vinyl Chloride	1.41	62	39594	17.749	ug/l	97
5) Bromomethane	1.64	94	21972	20.217	ug/l	94
6) Chloroethane	1.72	64	27135	20.617	ug/l	94
7) Trichlorofluoromethane	1.93	101	70449	19.921	ug/l	96
8) Diethyl Ether	2.19	74	24270	19.137	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40883	19.077	ug/l	100
10) Methyl Iodide	2.51	142	48772	15.947	ug/l	96
11) Tert butyl alcohol	3.04	59	48216	78.116	ug/l	95
12) 1,1-Dichloroethene	2.37	96	40222	18.445	ug/l	97
13) Acrolein	2.29	56	37587	91.796	ug/l	96
14) Allyl chloride	2.73	41	58162	18.786	ug/l	96
15) Acrylonitrile	3.14	53	115273	94.327	ug/l	99
16) Acetone	2.44	43	91365	77.284	ug/l	95
17) Carbon Disulfide	2.57	76	95218	16.275	ug/l	100
18) Methyl Acetate	2.78	43	49823	21.146	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	132765	19.353	ug/l	96
20) Methylene Chloride	2.85	84	46011	18.912	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42170	17.980	ug/l	97
22) Diisopropyl ether	3.85	45	126762	19.583	ug/l	97
23) Vinyl Acetate	3.81	43	539928	96.555	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71820	19.195	ug/l	99
25) 2-Butanone	4.67	43	152447	87.910	ug/l	98
26) 2,2-Dichloropropane	4.58	77	55607	17.108	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	49803	18.376	ug/l	96
28) Bromochloromethane	5.02	49	29791	16.653	ug/l	92
29) Tetrahydrofuran	5.13	42	98780	91.963	ug/l	99
30) Chloroform	5.21	83	78473	19.493	ug/l	98
31) Cyclohexane	5.58	56	63601	18.666	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	67327	18.940	ug/l	100
36) 1,1-Dichloropropene	5.80	75	55324	18.449	ug/l	98
37) Ethyl Acetate	4.84	43	56991	18.474	ug/l	98
38) Carbon Tetrachloride	5.79	117	57527	17.716	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010879.D
 Acq On : 15 Jul 2019 13:09
 Operator : JC/SP
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Quant Time: Jul 16 01:57:48 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	68196	17.301	ug/l	92
40) Benzene	6.14	78	173479	18.569	ug/l	98
41) Methacrylonitrile	5.05	41	31800	18.787	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59567	20.946	ug/l	97
43) Isopropyl Acetate	6.45	43	94474	18.510	ug/l	98
44) Trichloroethene	7.21	130	49773	17.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	44457	18.844	ug/l	97
46) Dibromomethane	7.66	93	32097	18.962	ug/l	94
47) Bromodichloromethane	7.90	83	56145	18.099	ug/l	99
48) Methyl methacrylate	7.77	41	47144	19.872	ug/l	96
49) 1,4-Dioxane	7.74	88	23376	342.037	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	312072	95.600	ug/l	99
52) Toluene	8.78	92	113656	18.474	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59666	17.156	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66719	17.653	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46832	18.457	ug/l	99
56) Ethyl methacrylate	9.18	69	71042	18.482	ug/l	96
57) 1,3-Dichloropropane	9.37	76	74065	18.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	155673	85.277	ug/l	99
59) 2-Hexanone	9.49	43	240791	93.724	ug/l	97
60) Dibromochloromethane	9.58	129	48631	17.118	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50628	18.486	ug/l	99
64) Tetrachloroethene	9.34	164	50612	18.051	ug/l	97
65) Chlorobenzene	10.13	112	127856	18.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46429	18.112	ug/l	98
67) Ethyl Benzene	10.25	91	217215	18.282	ug/l	100
68) m/p-Xylenes	10.36	106	167443	36.372	ug/l	97
69) o-Xylene	10.69	106	83429	18.428	ug/l	100
70) Styrene	10.71	104	140015	18.442	ug/l	98
71) Bromoform	10.85	173	35658	15.995	ug/l #	100
73) Isopropylbenzene	11.02	105	219514	18.049	ug/l	98
74) N-amyl acetate	10.90	43	88195	19.188	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	71814	17.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	76645	23.443	ug/l	80
77) Bromobenzene	11.26	156	59182	17.427	ug/l	96
78) n-propylbenzene	11.36	91	244409	18.285	ug/l	98
79) 2-Chlorotoluene	11.42	91	146060	18.350	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185644	18.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19117	13.641	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166180	18.348	ug/l	100
83) tert-Butylbenzene	11.77	119	182110	18.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	184443	18.310	ug/l	100
85) sec-Butylbenzene	11.94	105	214986	18.195	ug/l	99
86) p-Isopropyltoluene	12.06	119	195978	17.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103149	17.400	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105233	17.437	ug/l	99
89) n-Butylbenzene	12.38	91	164254	17.686	ug/l	99
90) Hexachloroethane	12.59	117	29679	15.705	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	106760	18.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15332	17.655	ug/l	87

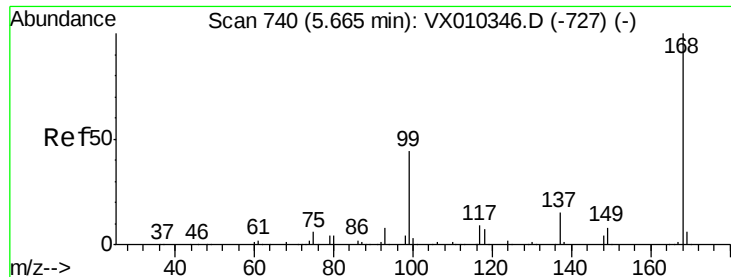
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010879.D
Acq On : 15 Jul 2019 13:09
Operator : JC/SP
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Quant Time: Jul 16 01:57:48 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	71494	17.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	34187	17.120	ug/l	99
95) Naphthalene	13.83	128	225284	17.942	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	72359	17.812	ug/l	98

(#) = 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: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

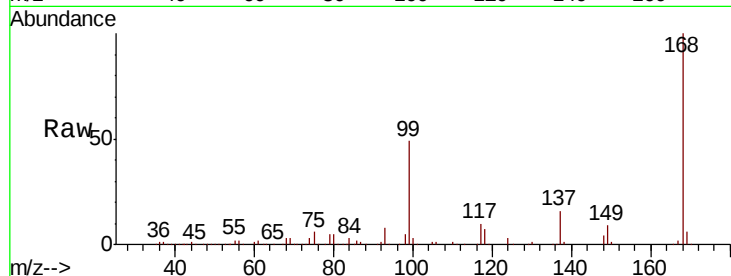
VX0715WBS01

Tot Ion:168 Resp: 251586

Ion Ratio Lower Upper

168 100

99 49.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

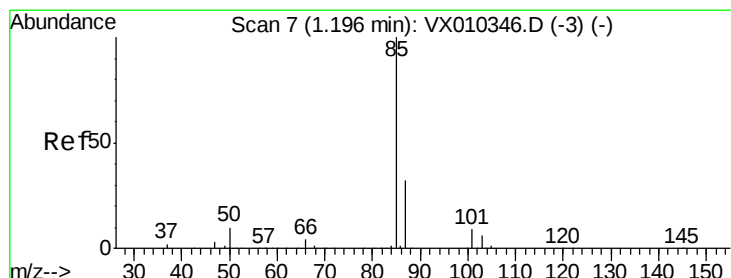
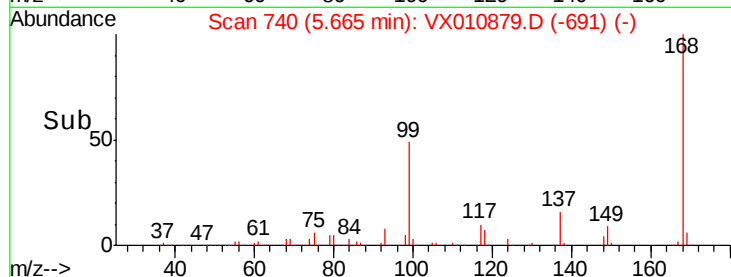
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010879.D

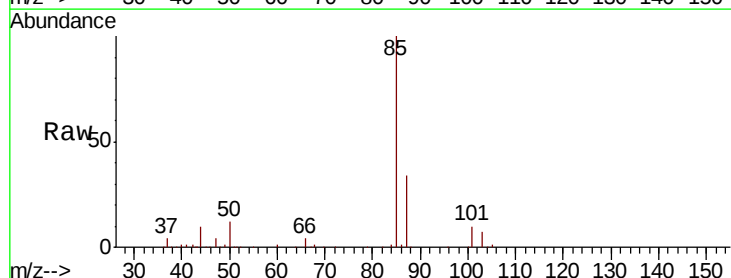
Acq: 15 Jul 2019 13:09

Tgt Ion: 85 Resp: 35873

Ion Ratio Lower Upper

85 100

87 34.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

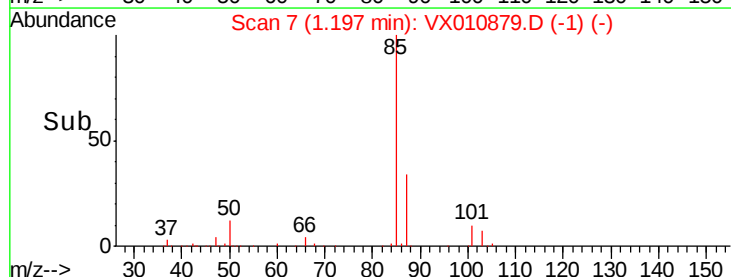
30000

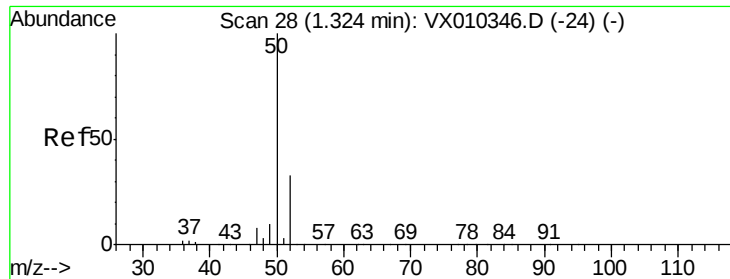
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.339 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

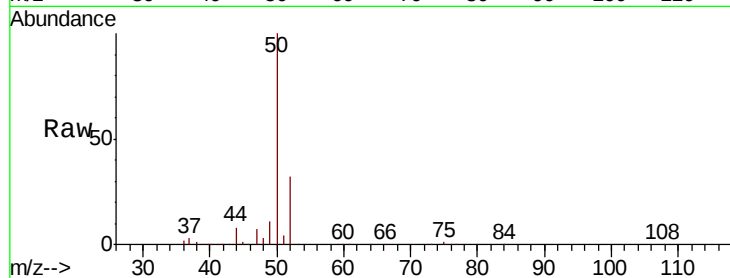
VX0715WBS01

Tot Ion: 50 Resp: 37352

Ion Ratio Lower Upper

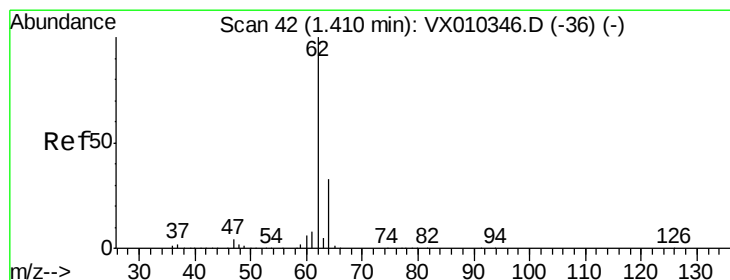
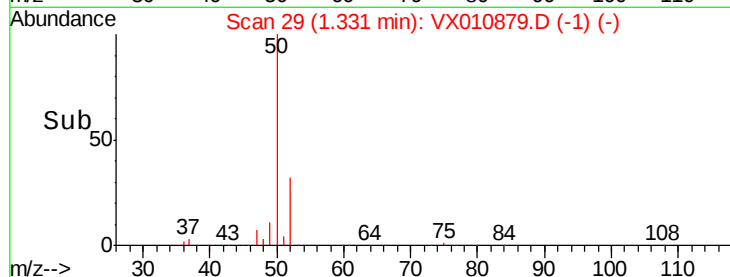
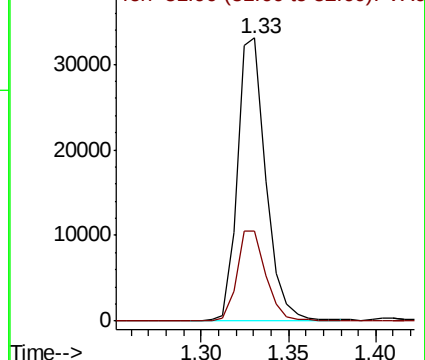
50 100

52 31.7 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: 17.749 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010879.D

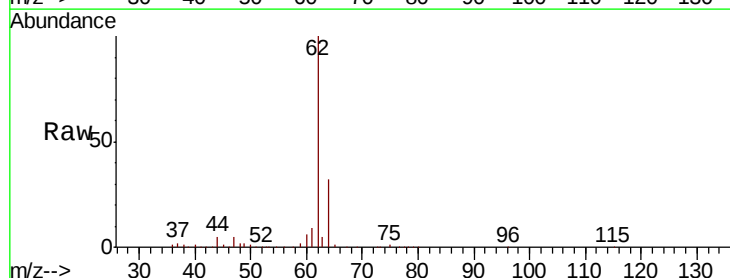
Acq: 15 Jul 2019 13:09

Tgt Ion: 62 Resp: 39594

Ion Ratio Lower Upper

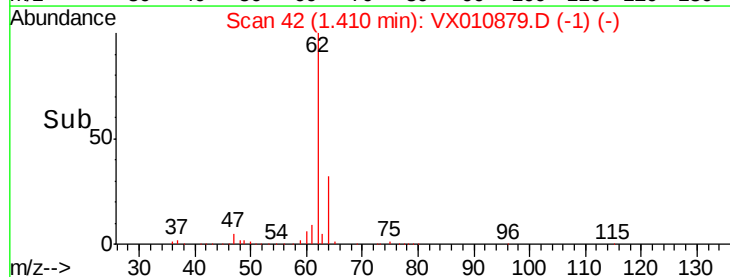
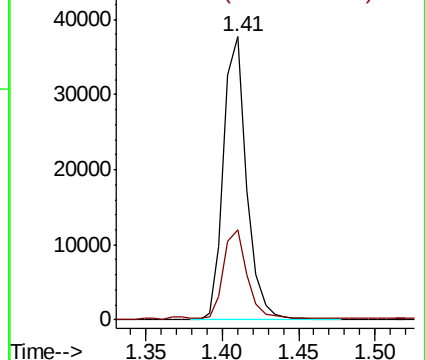
62 100

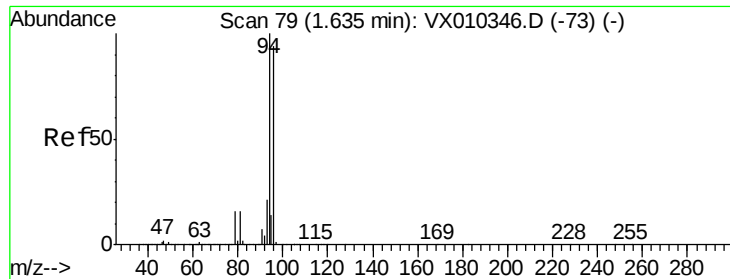
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.217 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

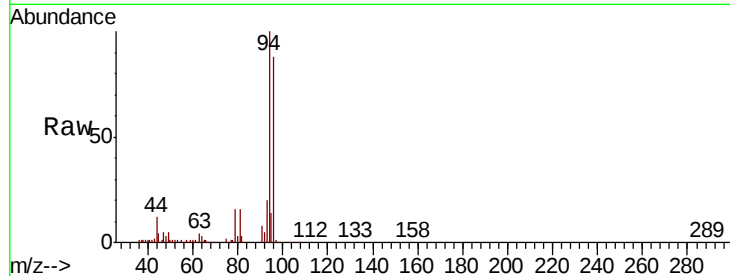
VX0715WBS01

Tot Ion: 94 Resp: 21972

Ion Ratio Lower Upper

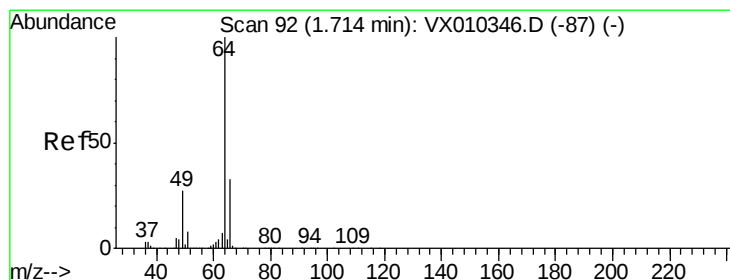
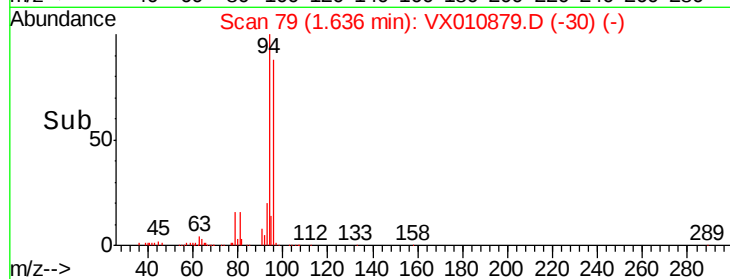
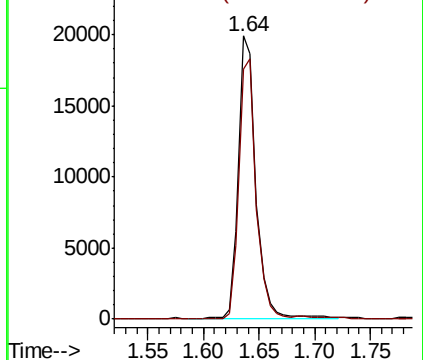
94 100

96 88.1 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: 20.617 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010879.D

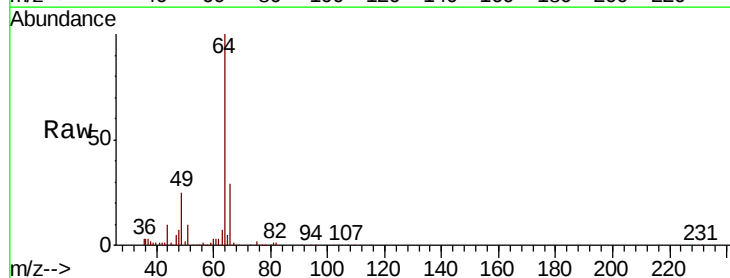
Acq: 15 Jul 2019 13:09

Tgt Ion: 64 Resp: 27135

Ion Ratio Lower Upper

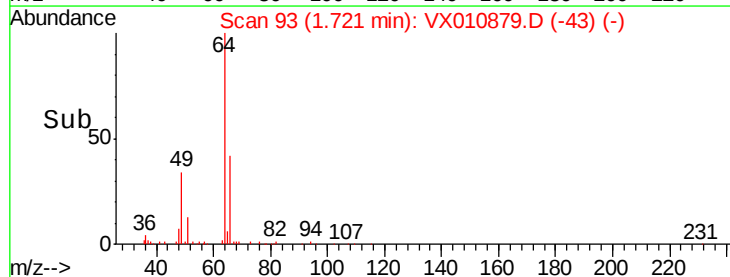
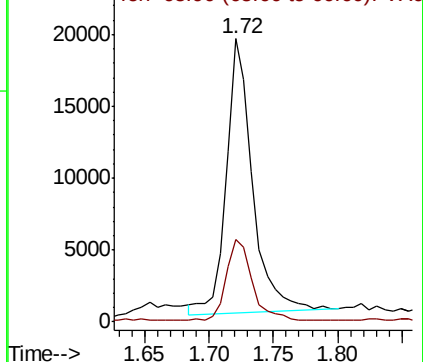
64 100

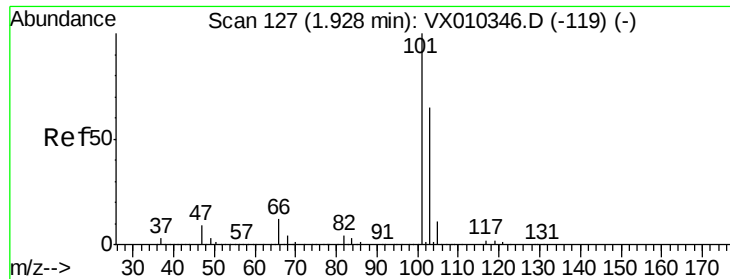
66 29.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



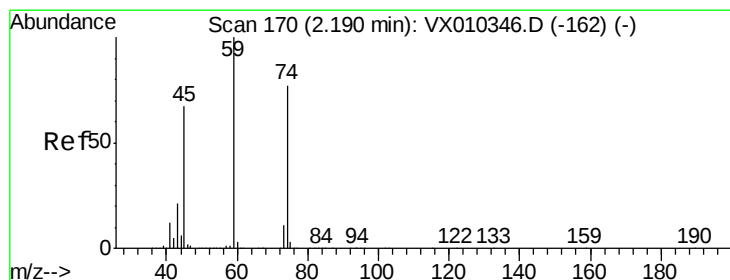
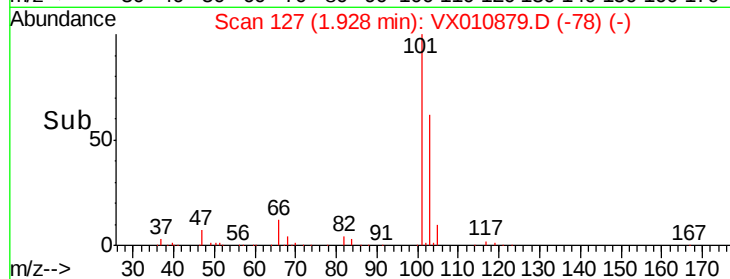
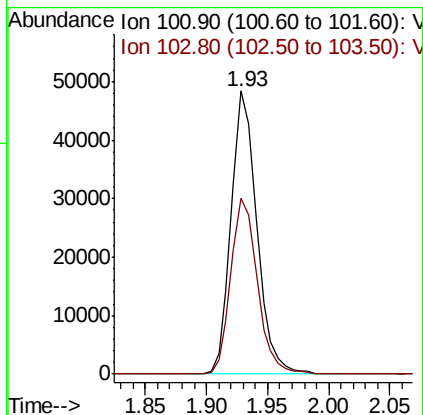
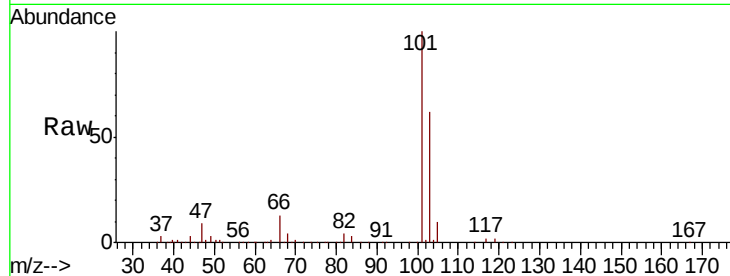


#7

Trichlorofluoromethane
 Concen: 19.921 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

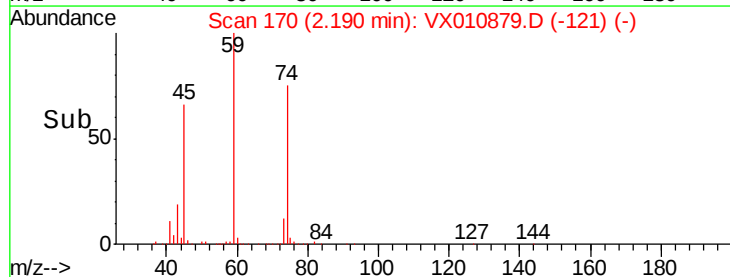
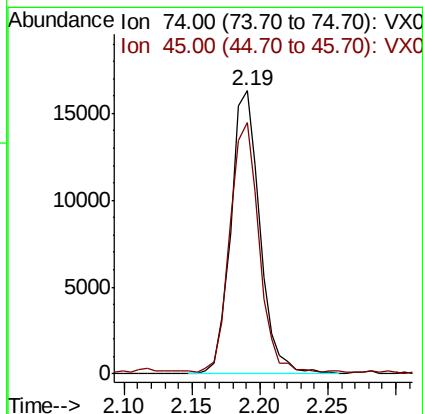
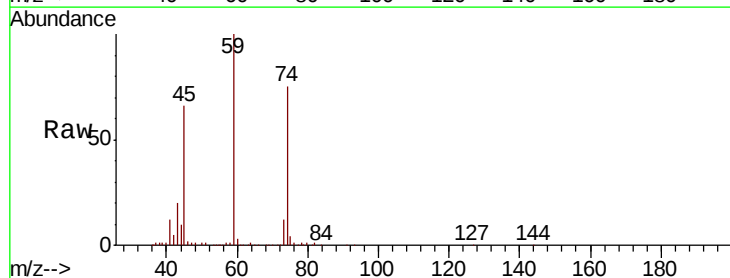
Tot Ion:101 Resp: 70449
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.3 78.5

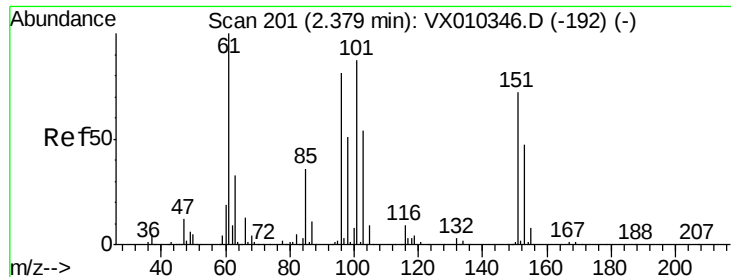


#8

Diethyl Ether
 Concen: 19.137 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 74 Resp: 24270
 Ion Ratio Lower Upper
 74 100
 45 87.7 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.077 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

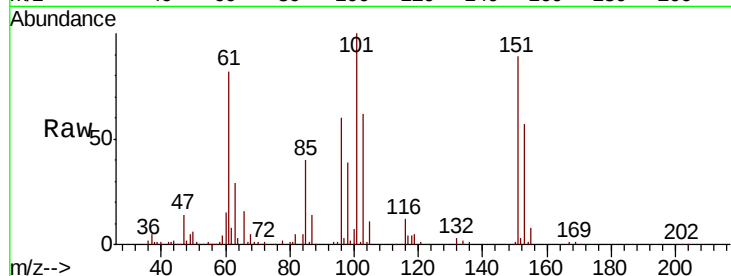
Tot Ion:101 Resp: 40883

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

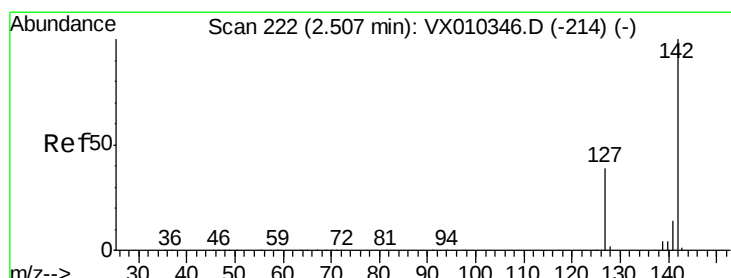
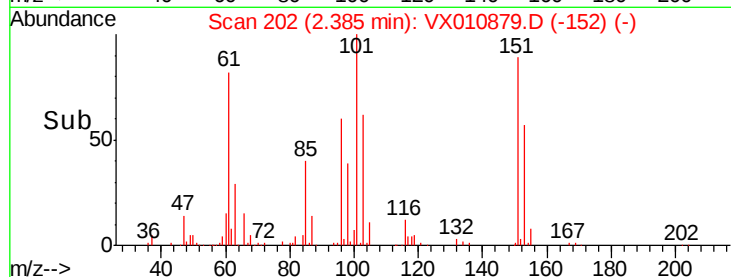
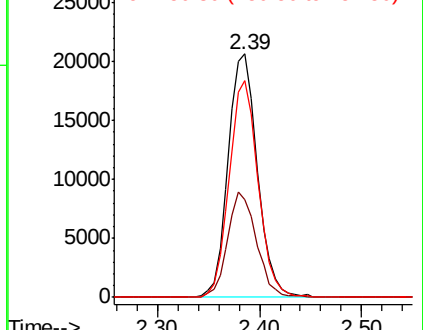
151 87.7 70.1 105.1



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: 15.947 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

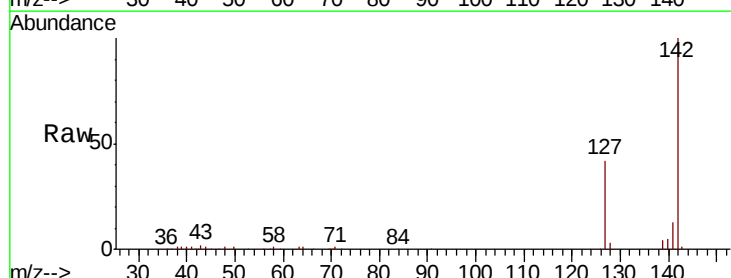
Tgt Ion:142 Resp: 48772

Ion Ratio Lower Upper

142 100

127 42.0 31.1 46.7

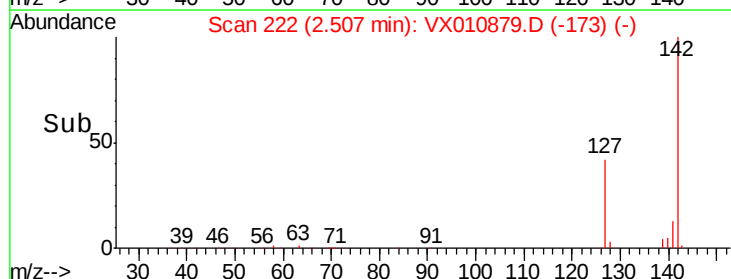
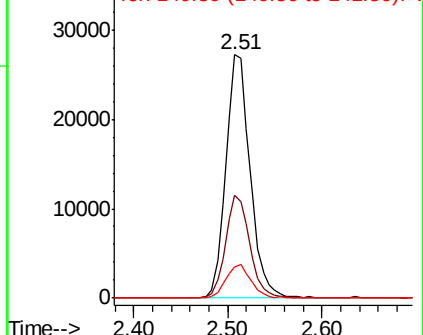
141 14.2 11.2 16.8

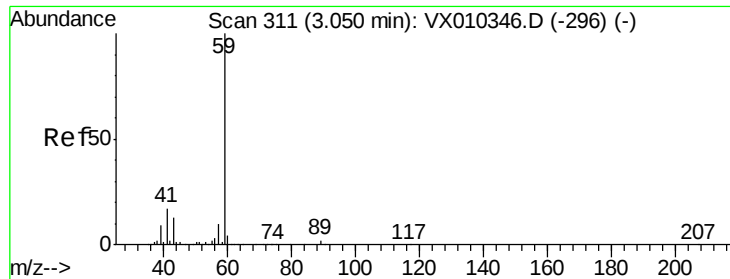


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

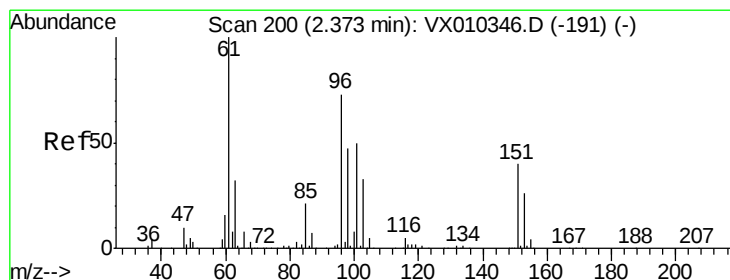
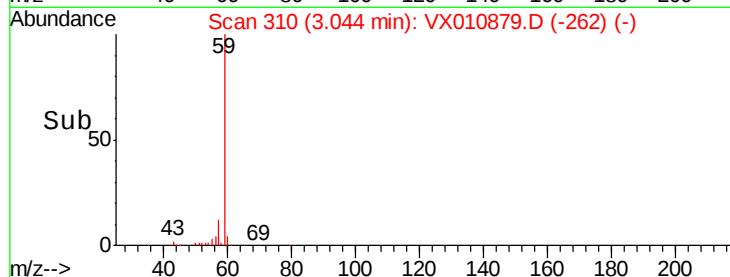
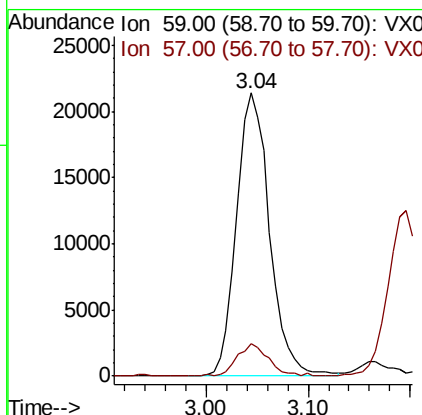
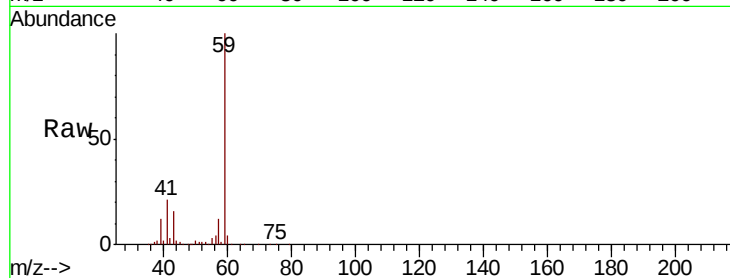




#11
Tert butyl alcohol
Concen: 78.116 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

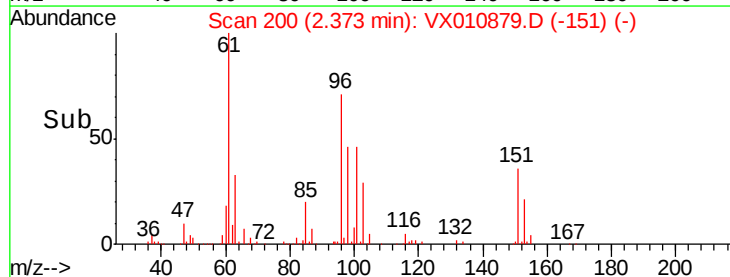
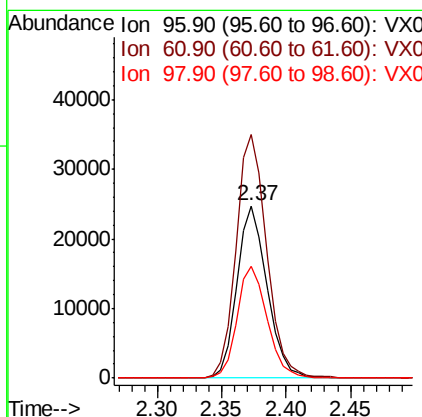
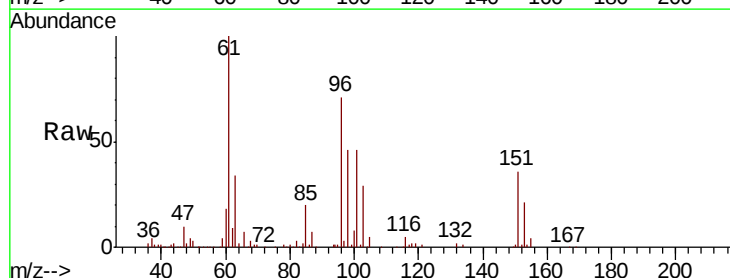
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

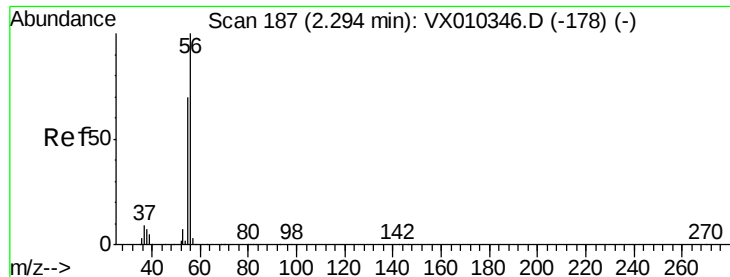
Tot Ion: 59 Resp: 48216
Ion Ratio Lower Upper
59 100
57 11.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.445 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 96 Resp: 40222
Ion Ratio Lower Upper
96 100
61 141.2 109.2 163.8
98 64.5 51.1 76.7





#13

Acrolein

Concen: 91.796 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

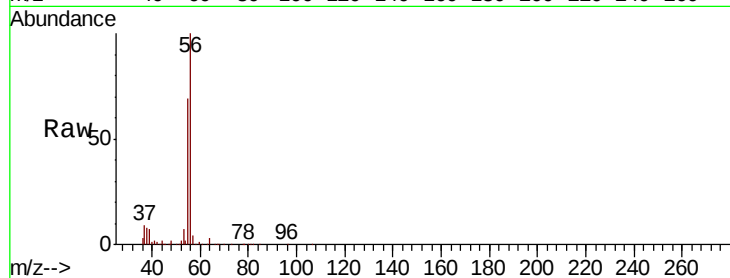
VX0715WBS01

Tot Ion: 56 Resp: 37587

Ion Ratio Lower Upper

56 100

55 68.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

10000

5000

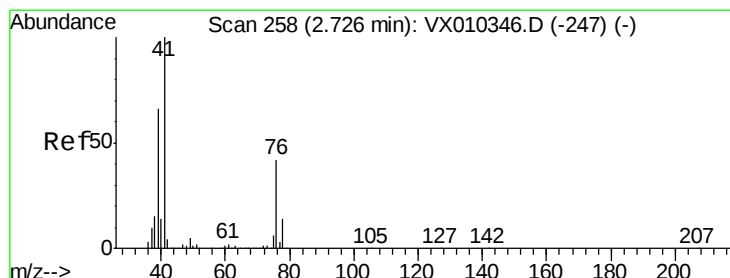
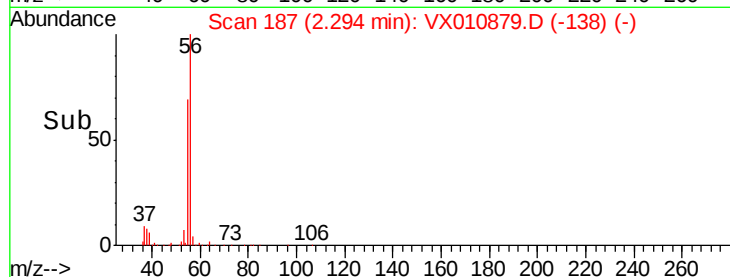
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 18.786 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

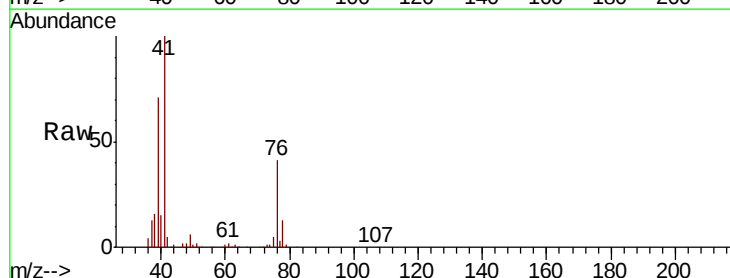
Tgt Ion: 41 Resp: 58162

Ion Ratio Lower Upper

41 100

39 67.1 50.3 75.5

76 37.7 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

20000

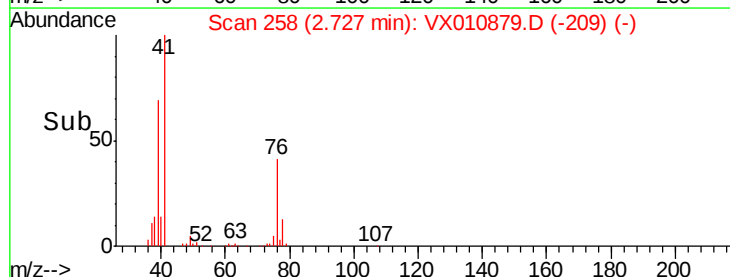
0

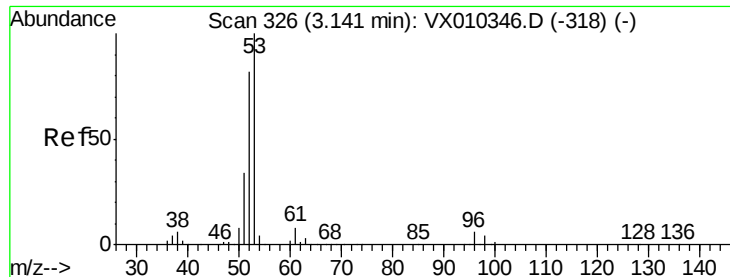
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 94.327 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

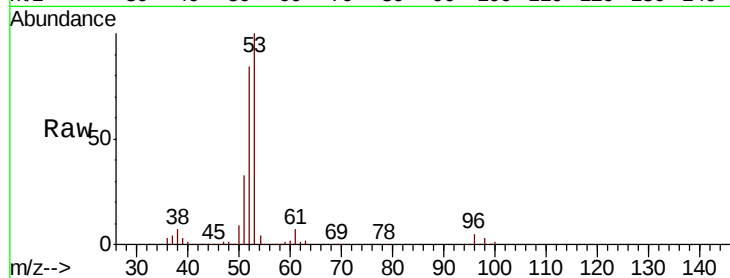
Tot Ion: 53 Resp: 115273

Ion Ratio Lower Upper

53 100

52 82.9 65.5 98.3

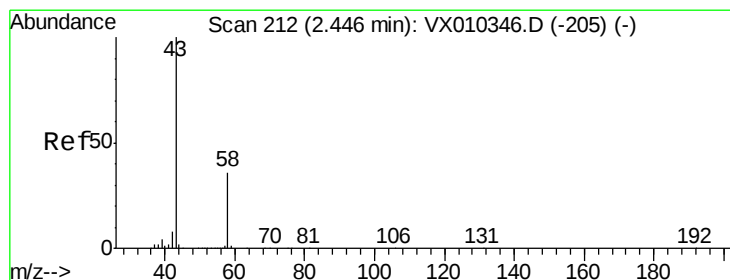
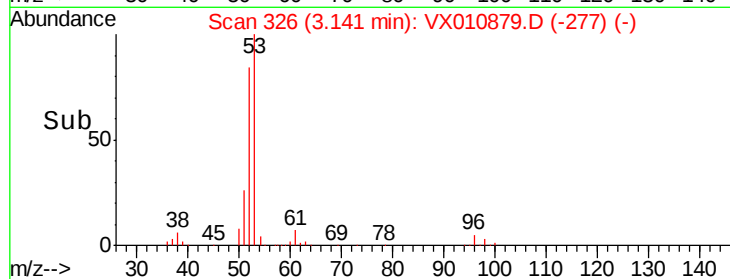
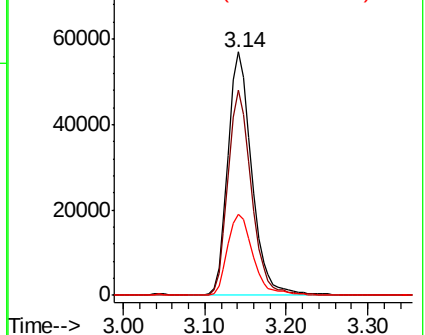
51 35.2 28.2 42.4



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: 77.284 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010879.D

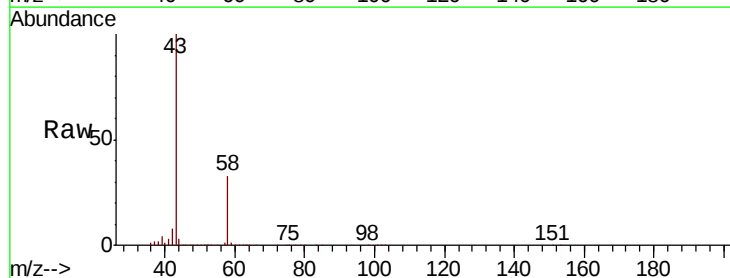
Acq: 15 Jul 2019 13:09

Tgt Ion: 43 Resp: 91365

Ion Ratio Lower Upper

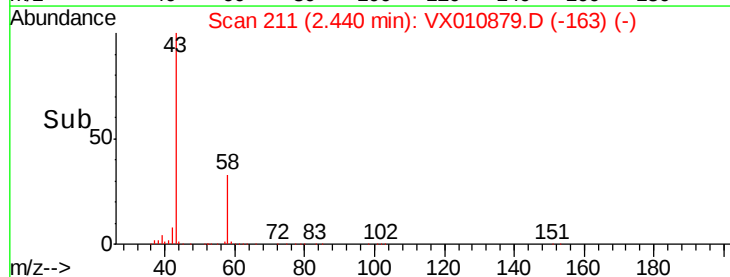
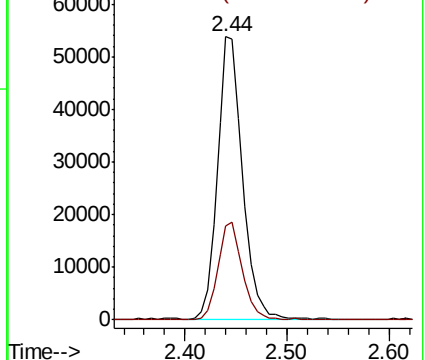
43 100

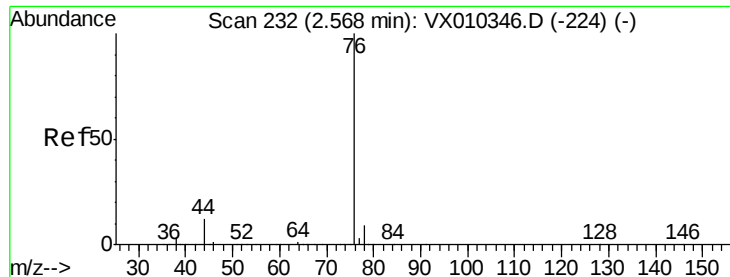
58 33.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

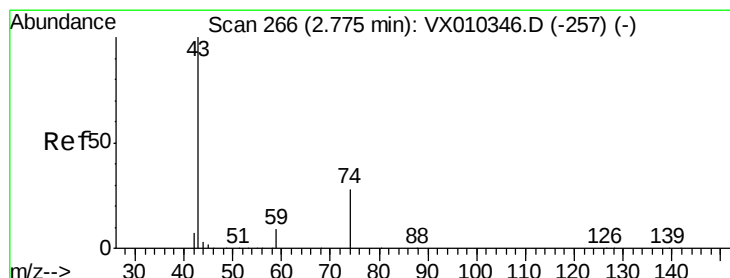
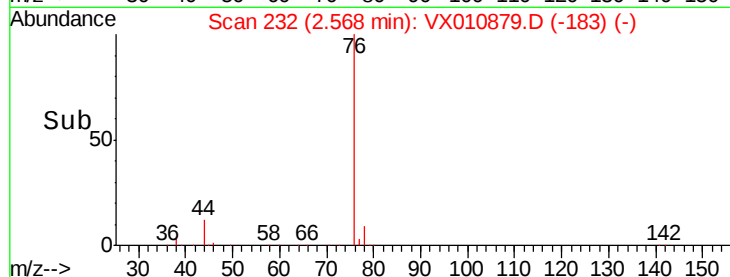
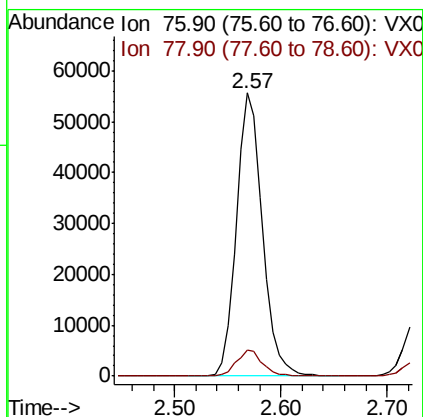
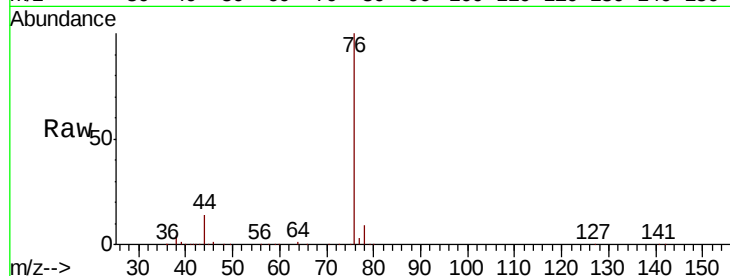




#17
Carbon Disulfide
Concen: 16.275 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

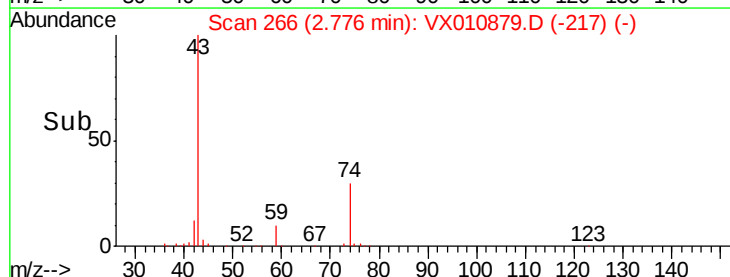
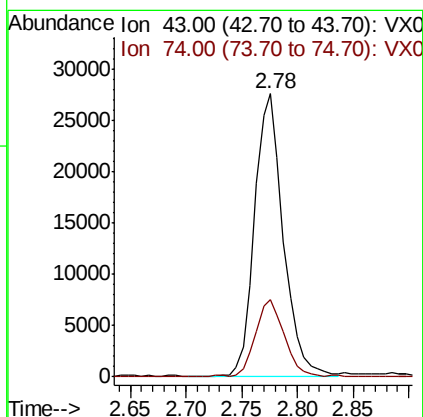
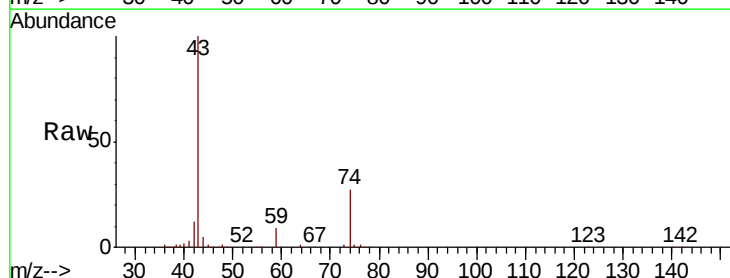
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

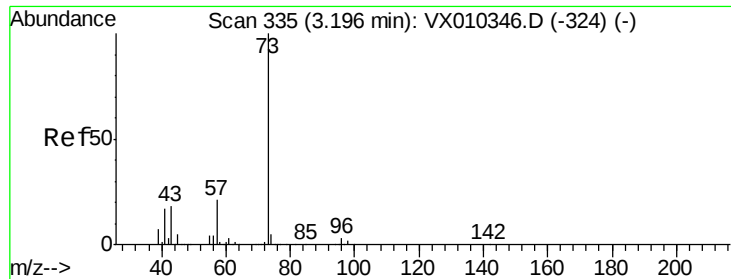
Tot Ion: 76 Resp: 95218
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 21.146 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 43 Resp: 49823
Ion Ratio Lower Upper
43 100
74 28.2 21.3 31.9

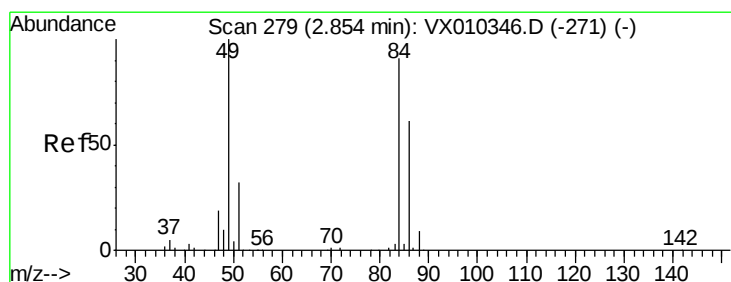
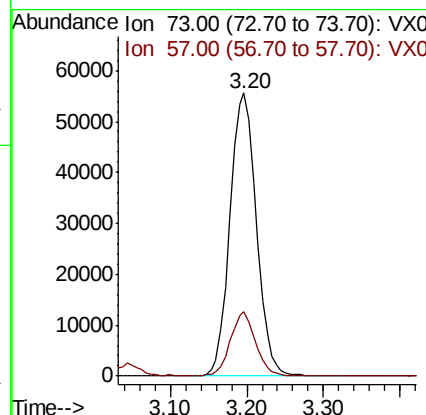
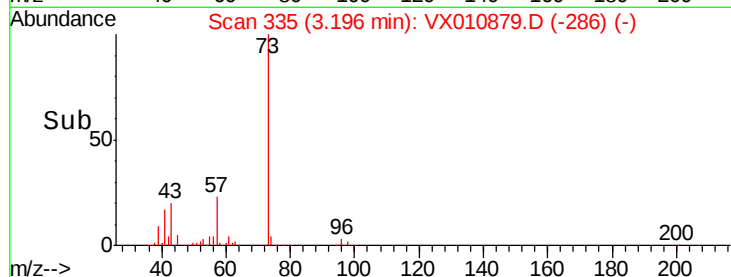
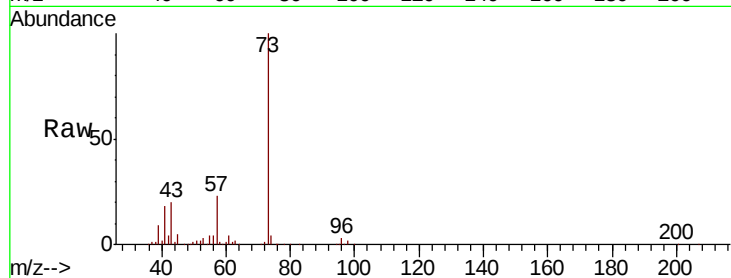




#19
Methyl tert-butyl Ether
Concen: 19.353 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

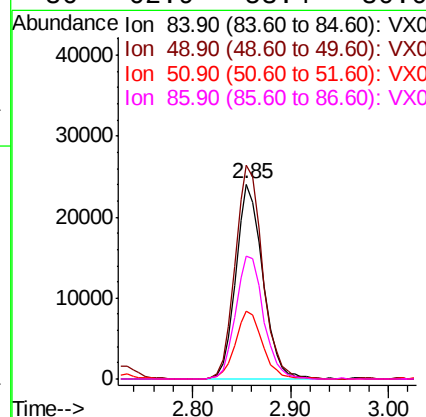
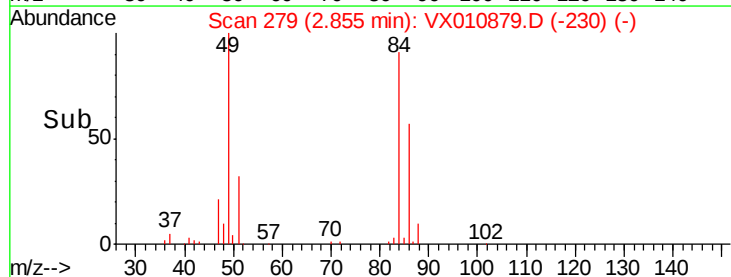
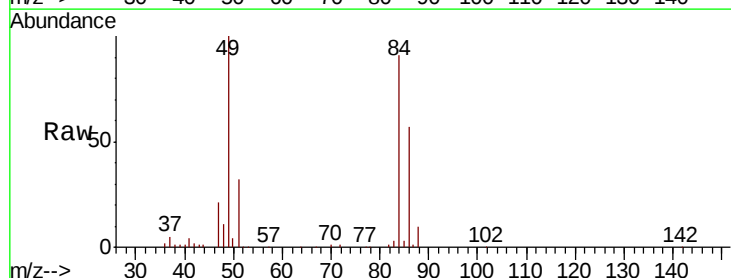
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

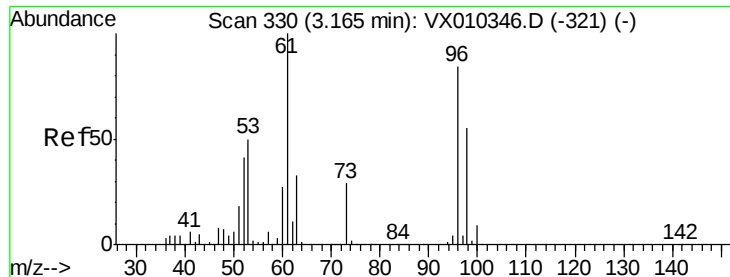
Tot Ion: 73 Resp: 132765
Ion Ratio Lower Upper
73 100
57 22.6 16.4 24.6



#20
Methylene Chloride
Concen: 18.912 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 84 Resp: 46011
Ion Ratio Lower Upper
84 100
49 109.6 87.5 131.3
51 34.4 27.7 41.5
86 62.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 17.980 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

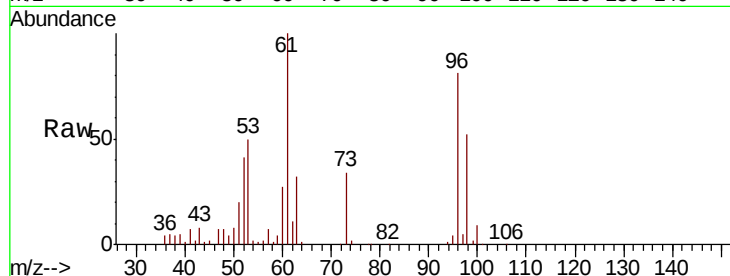
Tot Ion: 96 Resp: 42170

Ion Ratio Lower Upper

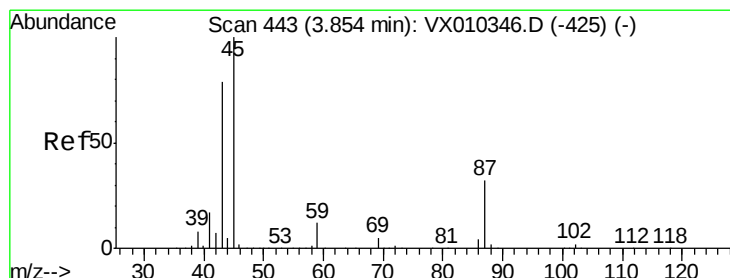
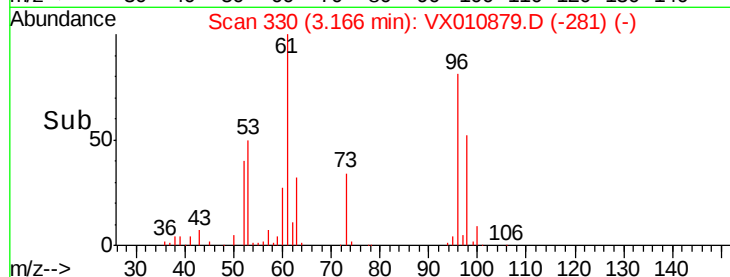
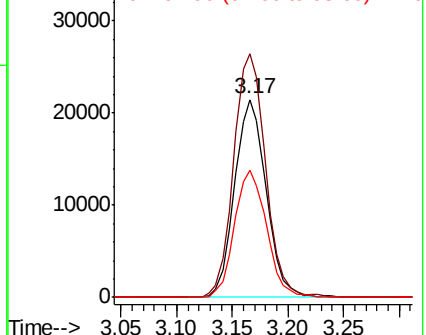
96 100

61 123.1 95.6 143.4

98 64.5 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: 19.583 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion: 45 Resp: 126762

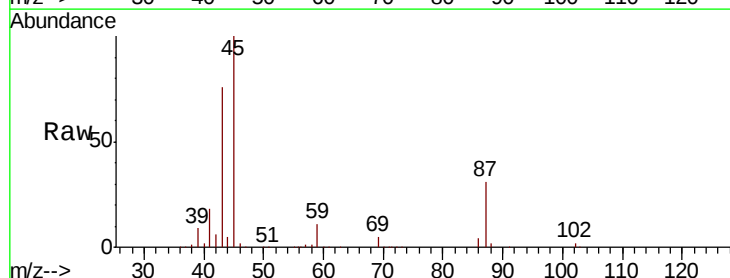
Ion Ratio Lower Upper

45 100

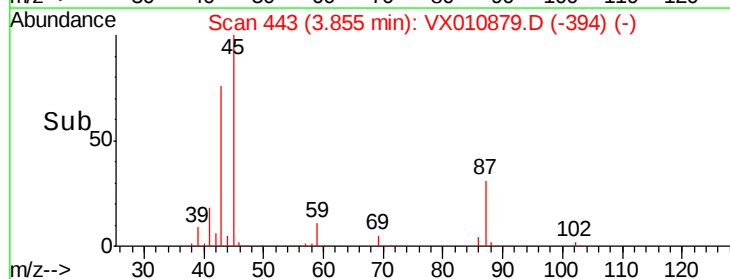
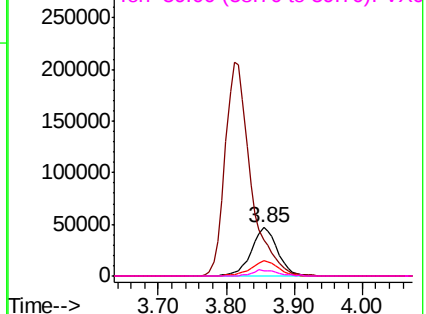
43 75.6 63.3 94.9

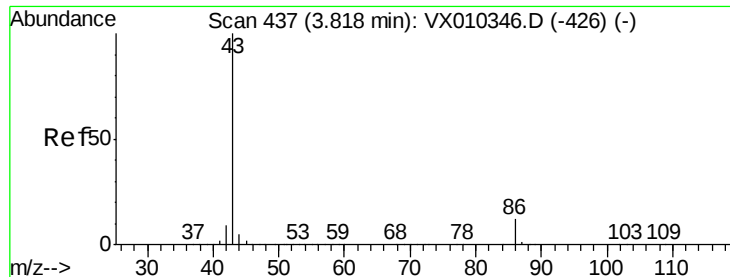
87 31.0 25.8 38.8

59 11.3 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: 96.555 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

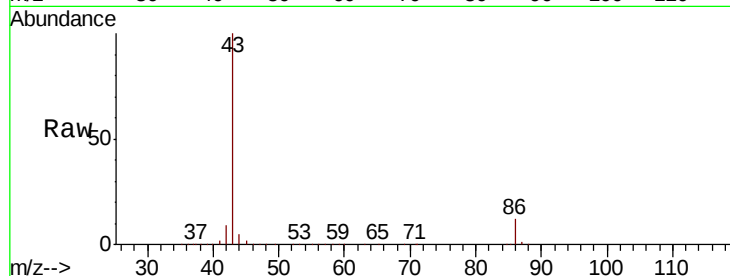
VX0715WBS01

Tot Ion: 43 Resp: 539928

Ion Ratio Lower Upper

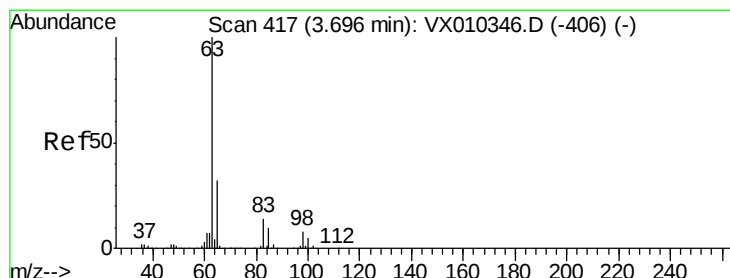
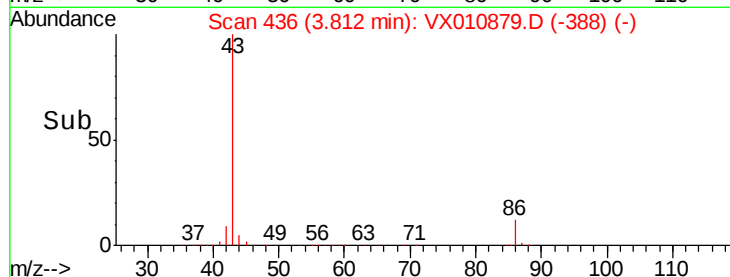
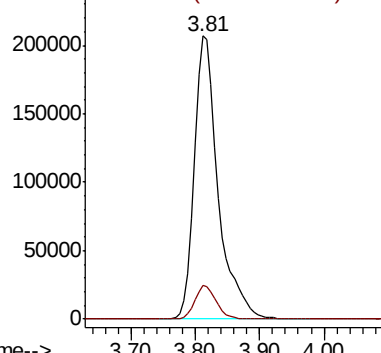
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.195 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

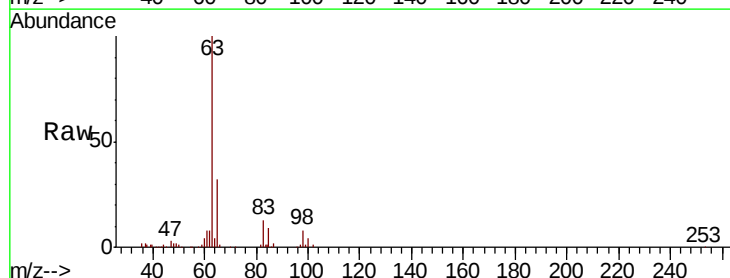
Tgt Ion: 63 Resp: 71820

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

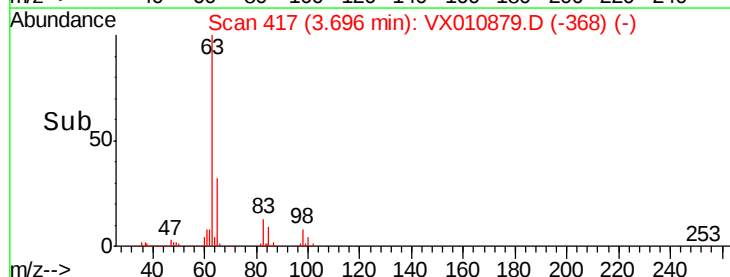
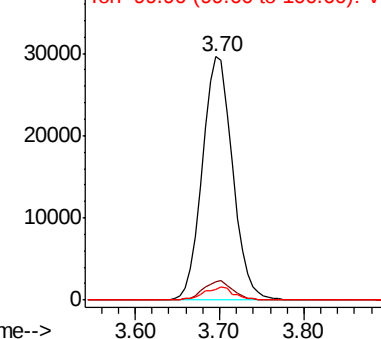
100 4.4 2.4 7.1

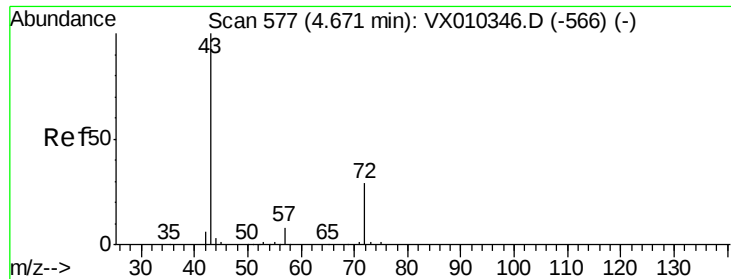


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.910 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

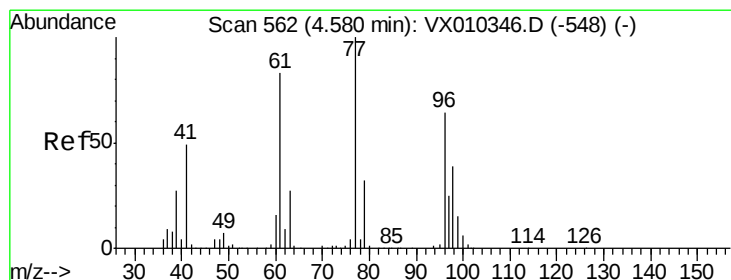
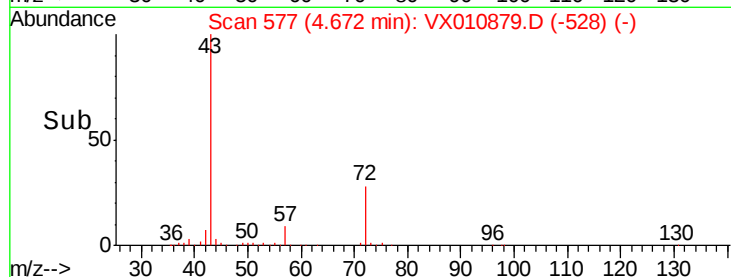
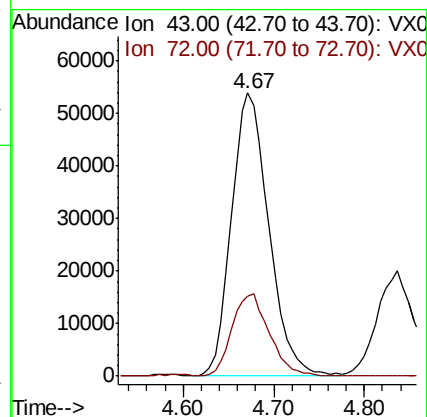
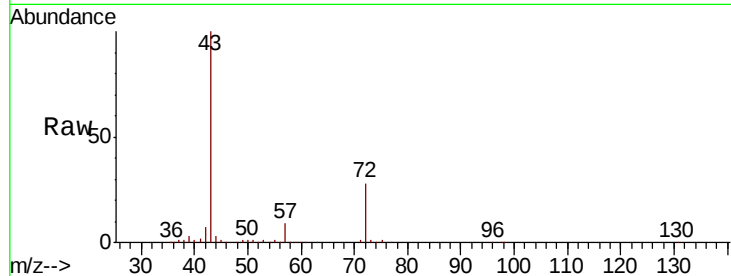
VX0715WBS01

Tot Ion: 43 Resp: 152447

Ion Ratio Lower Upper

43 100

72 28.2 23.3 34.9



#26

2,2-Dichloropropane

Concen: 17.108 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010879.D

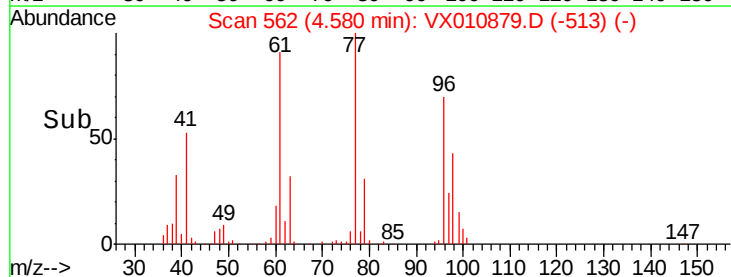
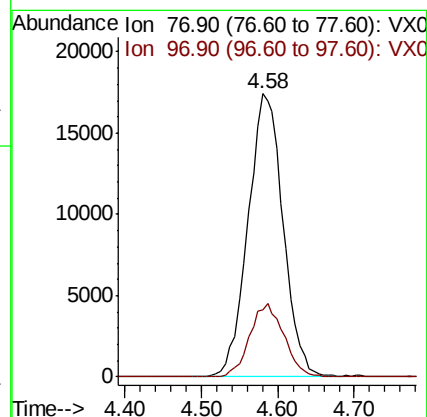
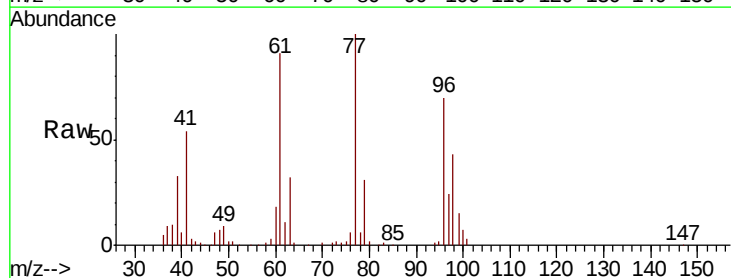
Acq: 15 Jul 2019 13:09

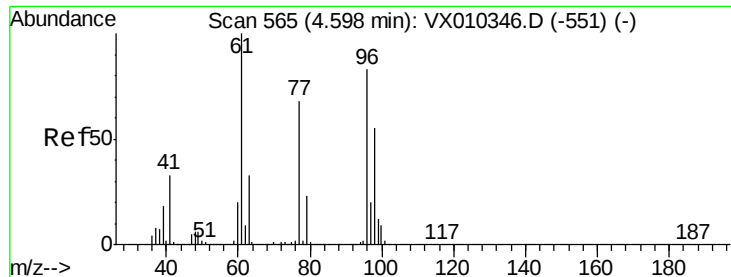
Tgt Ion: 77 Resp: 55607

Ion Ratio Lower Upper

77 100

97 25.1 13.1 39.3



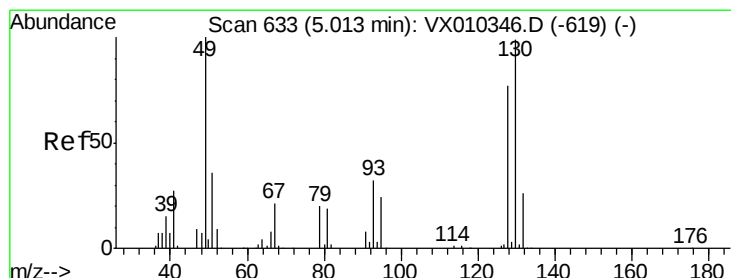
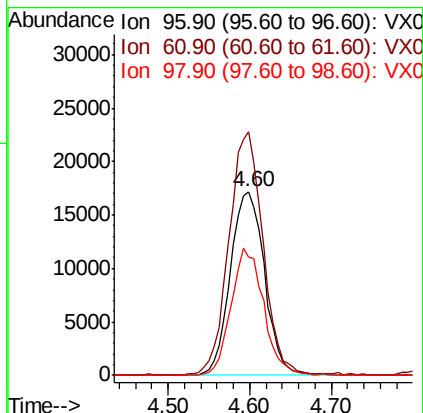
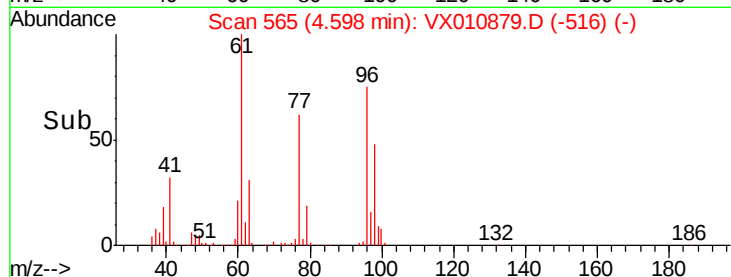
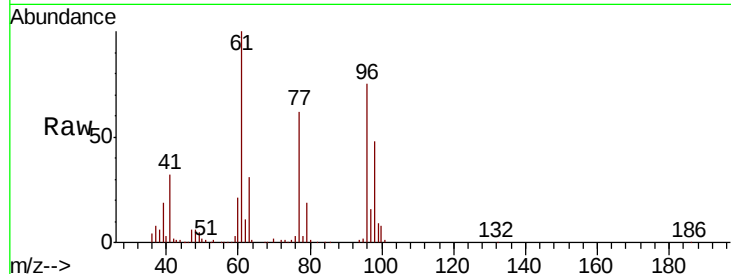


#27

cis-1,2-Dichloroethene
 Concen: 18.376 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

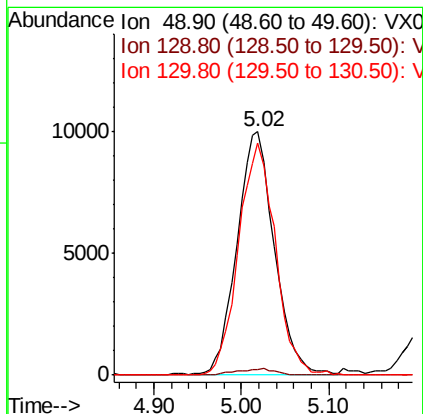
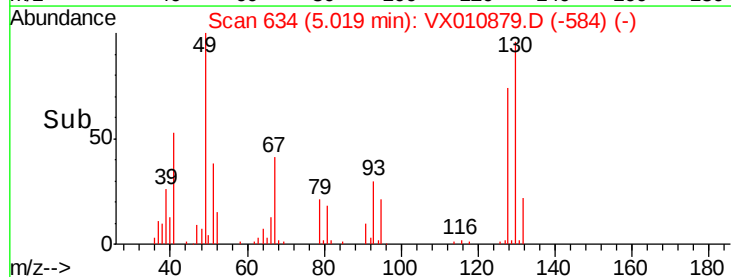
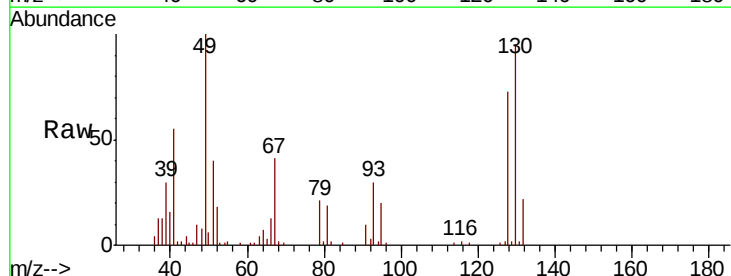
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	251.8
98	65.5	0.0	129.4

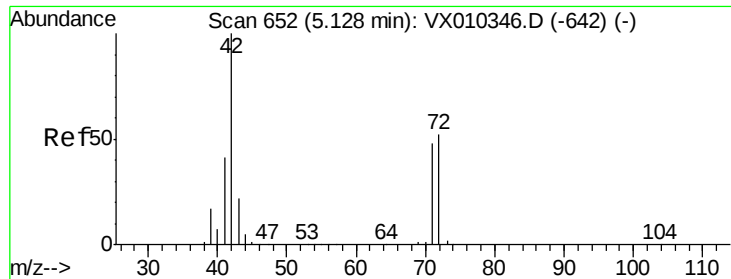


#28

Bromochloromethane
 Concen: 16.653 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	93.5	81.4	122.0





#29

Tetrahydrofuran

Concen: 91.963 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

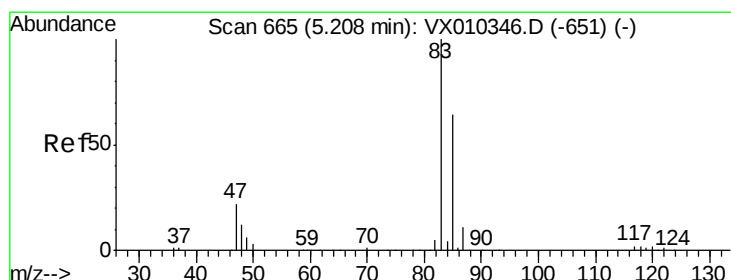
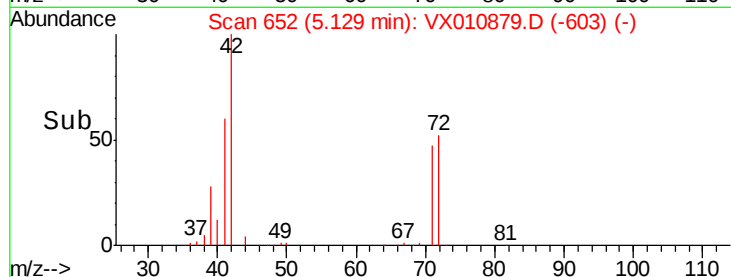
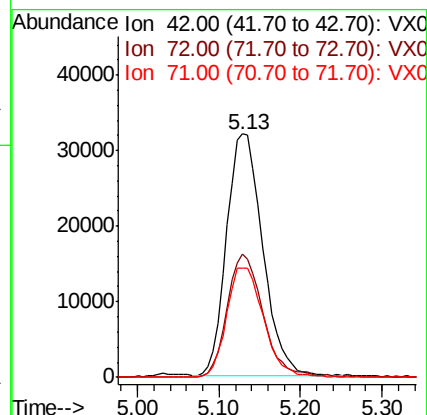
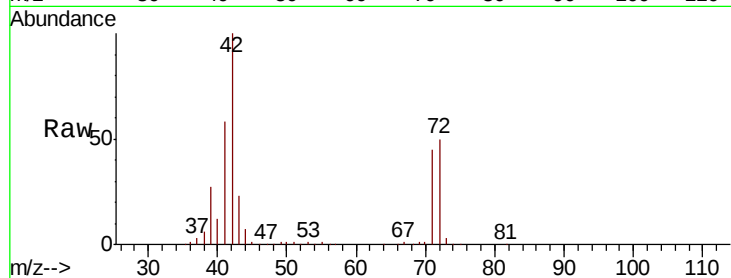
Tot Ion: 42 Resp: 98780

Ion Ratio Lower Upper

42 100

72 50.6 40.6 60.8

71 46.5 37.8 56.8



#30

Chloroform

Concen: 19.493 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010879.D

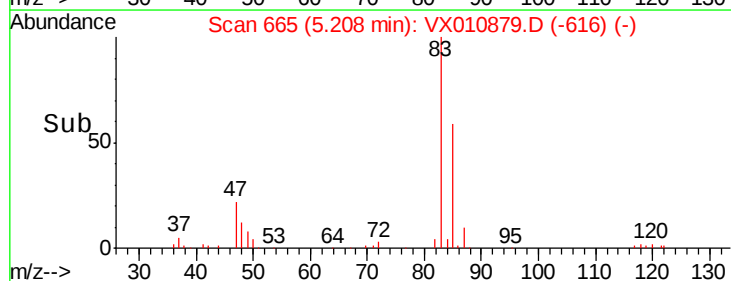
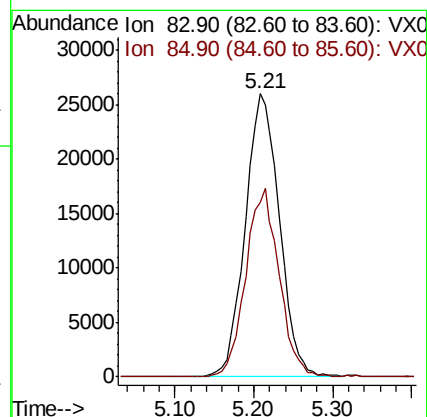
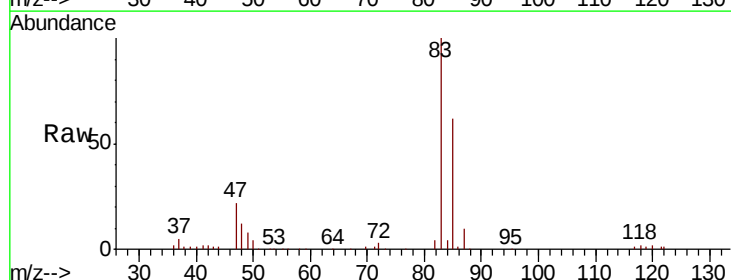
Acq: 15 Jul 2019 13:09

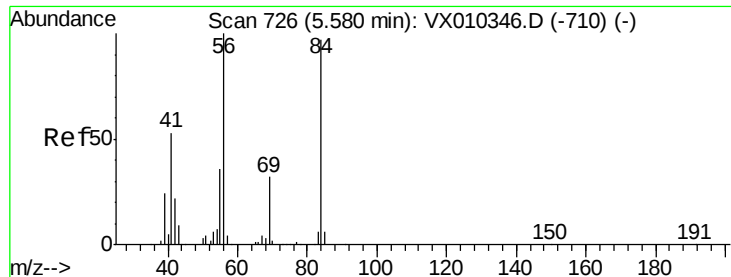
Tgt Ion: 83 Resp: 78473

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3

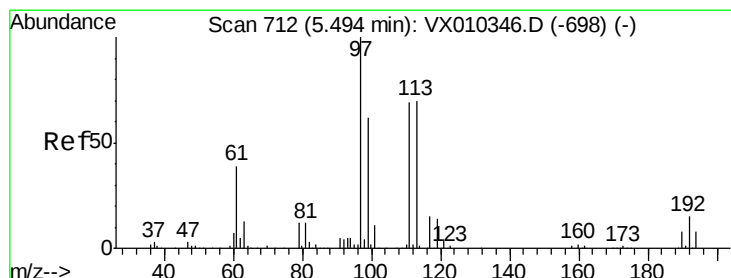
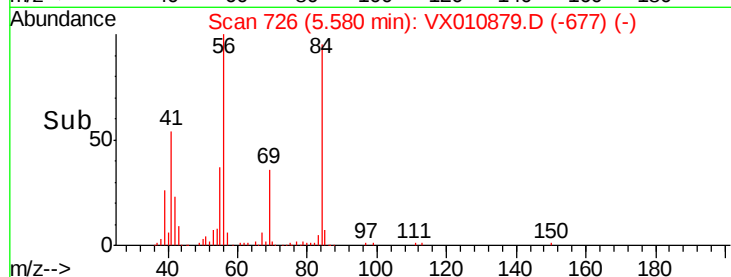
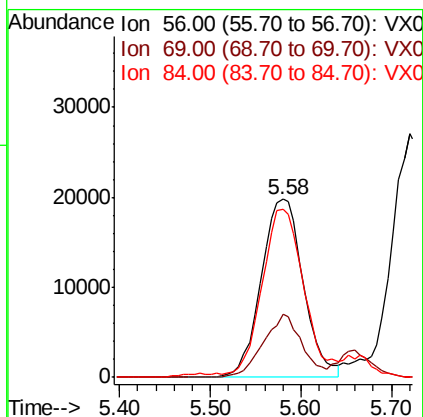
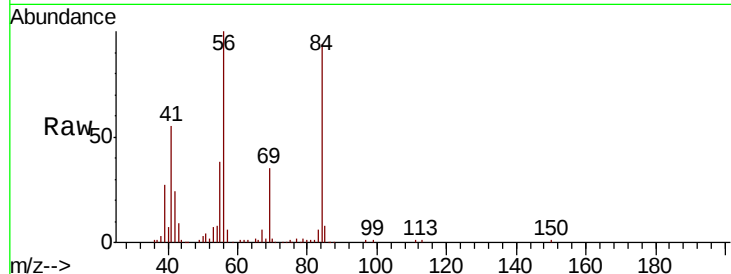




#31
Cyclohexane
Concen: 18.666 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

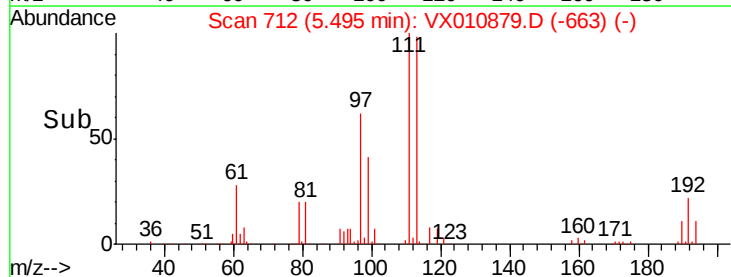
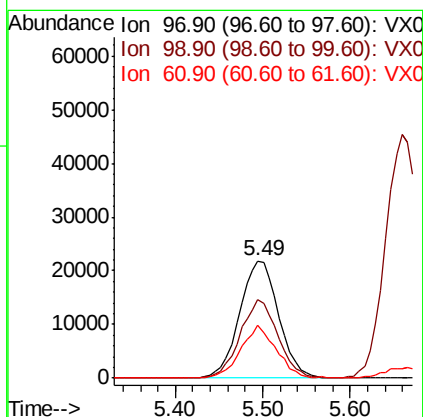
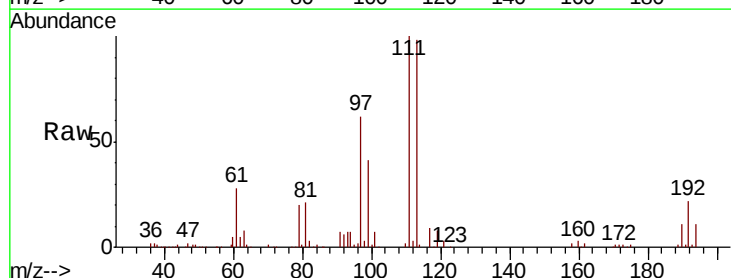
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

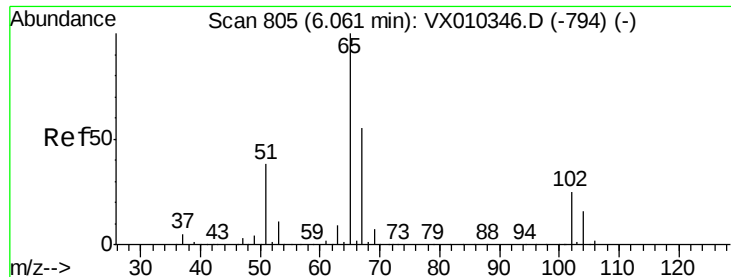
Tot Ion: 56 Resp: 63601
Ion Ratio Lower Upper
56 100
69 35.4 25.9 38.9
84 93.0 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 18.940 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 97 Resp: 67327
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 40.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 46.795 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

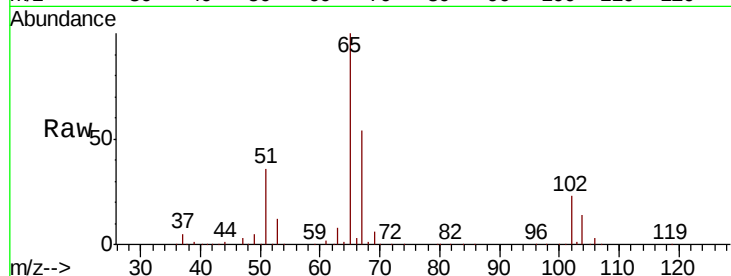
VX0715WBS01

Tot Ion: 65 Resp: 110384

Ion Ratio Lower Upper

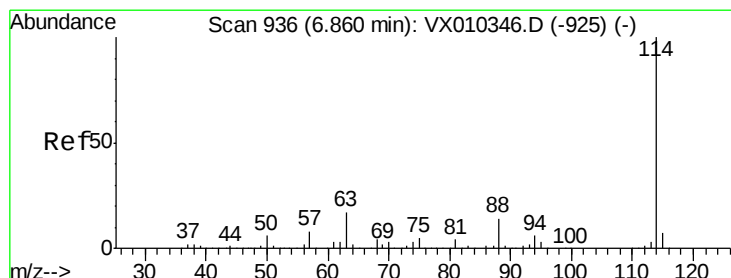
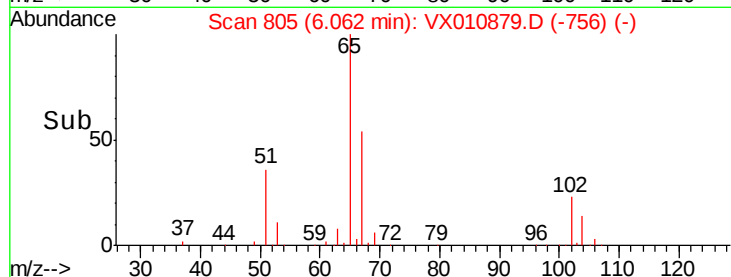
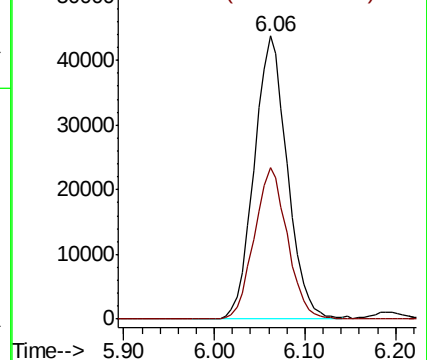
65 100

67 53.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

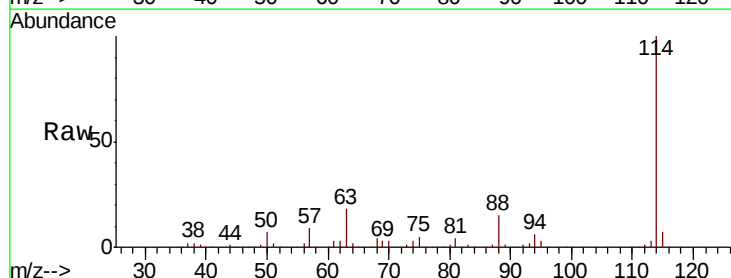
Tgt Ion: 114 Resp: 377362

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

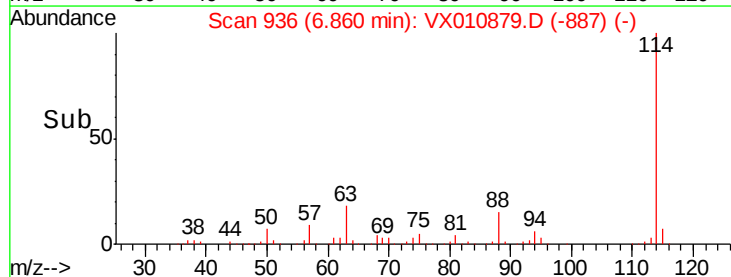
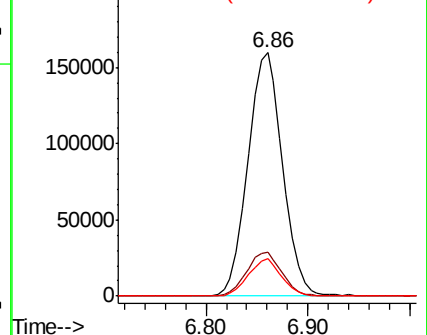
88 15.3 0.0 27.6

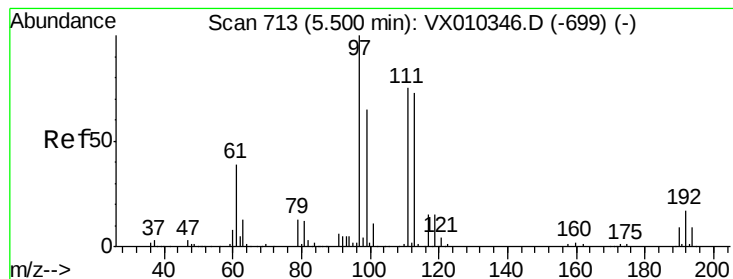


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.950 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

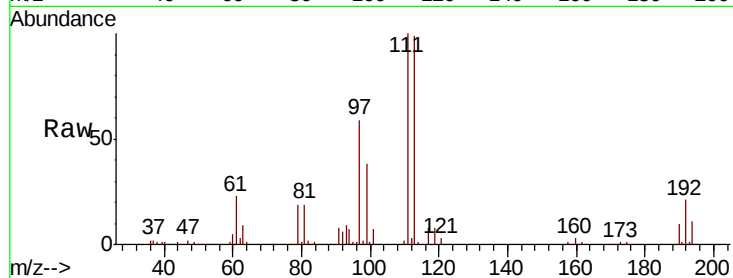
Tot Ion:113 Resp: 101474

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

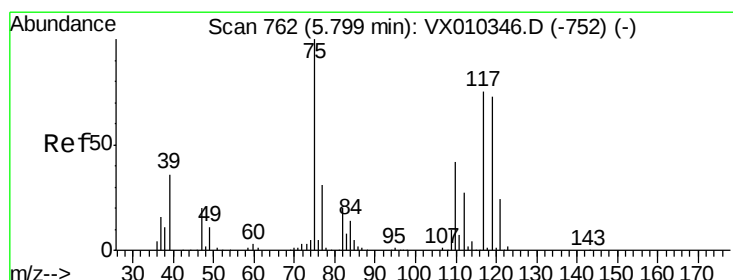
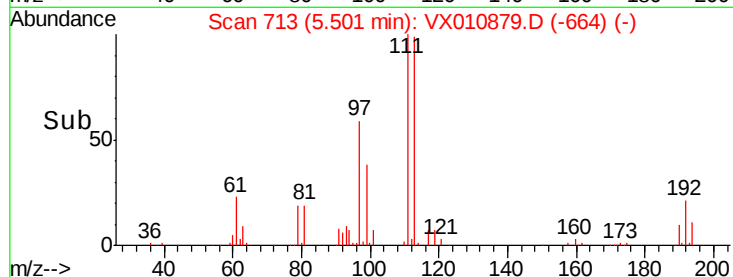
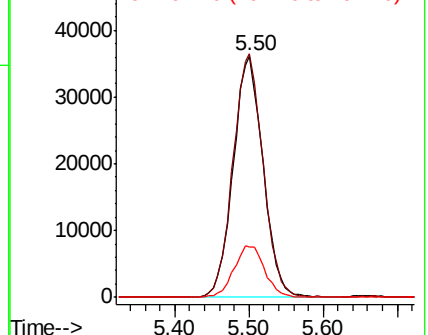
192 21.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.449 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

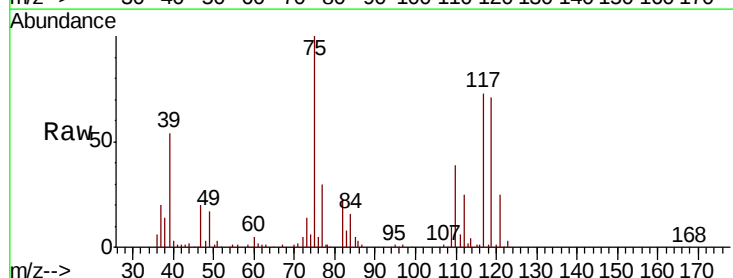
Tgt Ion: 75 Resp: 55324

Ion Ratio Lower Upper

75 100

110 39.3 20.8 62.2

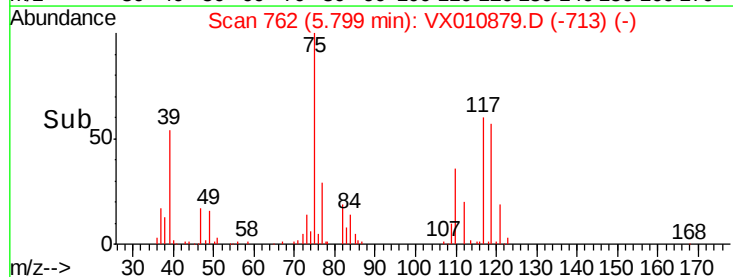
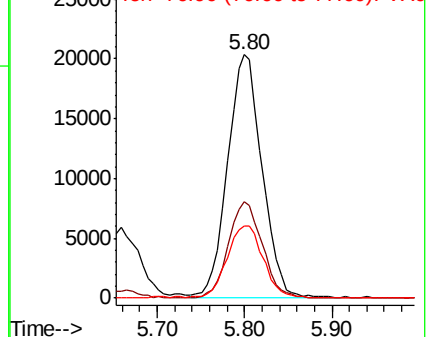
77 31.5 25.4 38.0

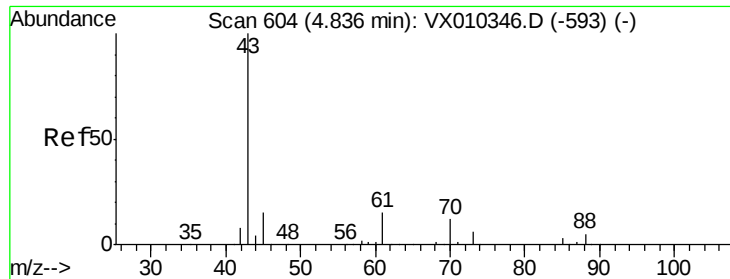


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.474 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

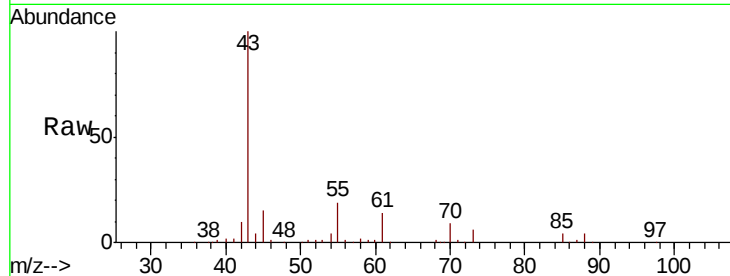
Tot Ion: 43 Resp: 56991

Ion Ratio Lower Upper

43 100

61 16.8 12.4 18.6

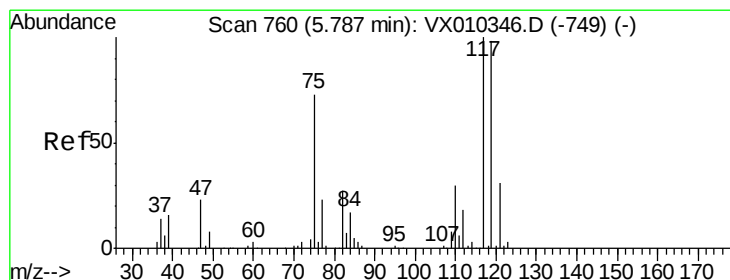
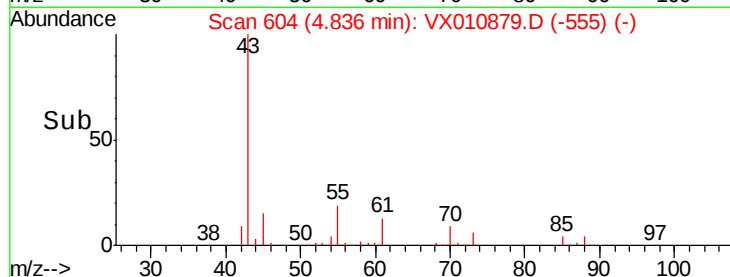
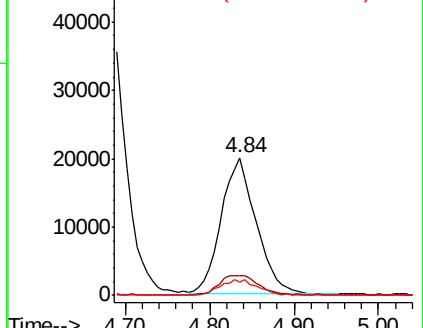
70 12.2 9.8 14.8



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: 17.716 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

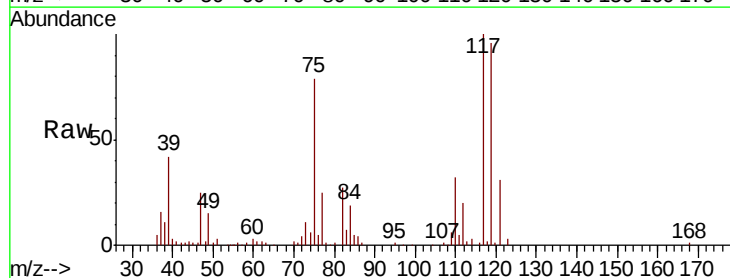
Tgt Ion: 117 Resp: 57527

Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.4

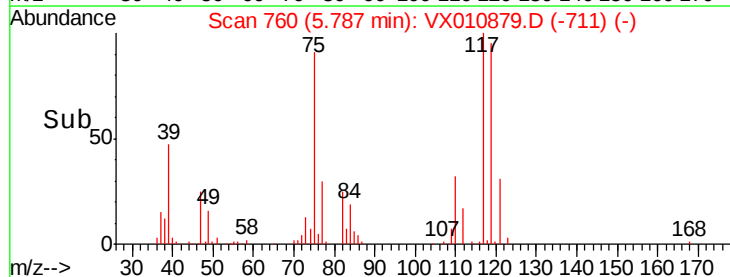
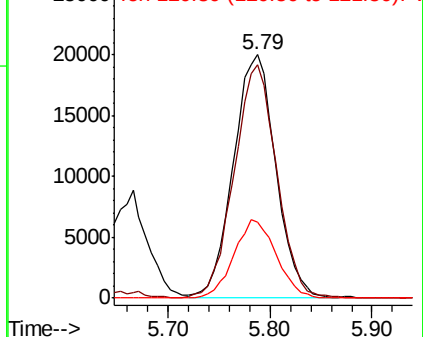
121 31.5 24.7 37.1

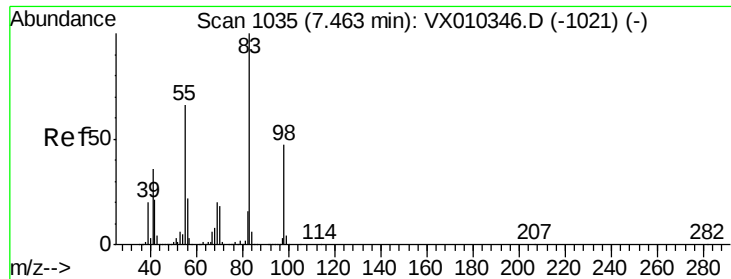


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

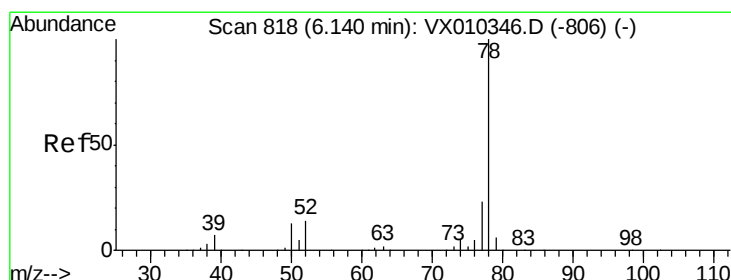
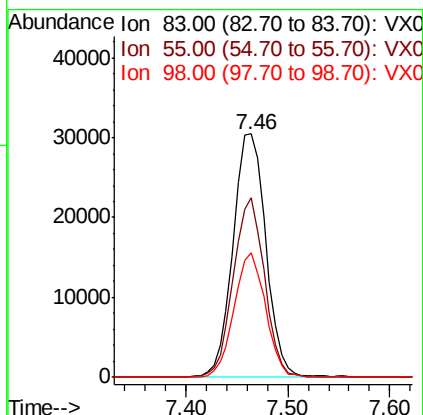
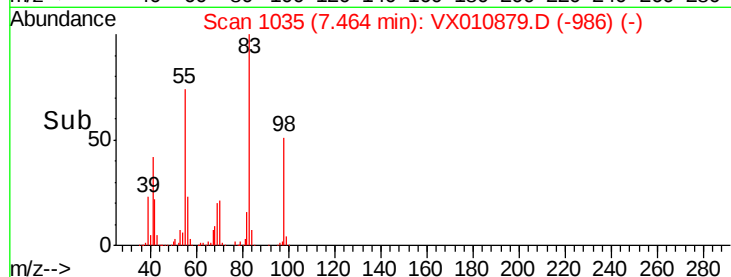
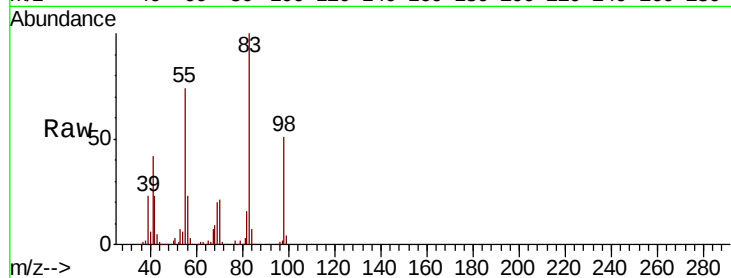




#39
Methvlcvclohexane
Concen: 17.301 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

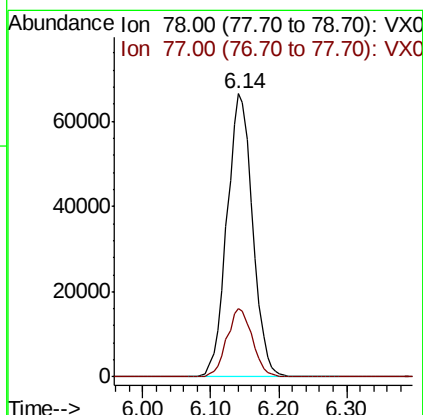
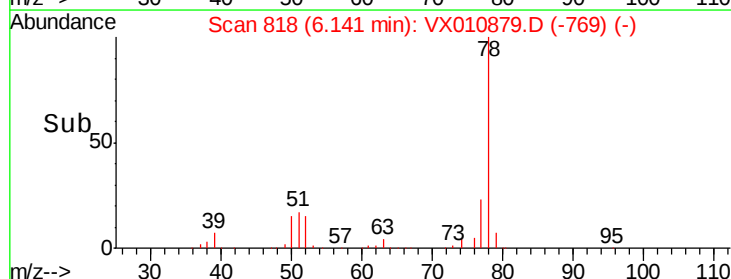
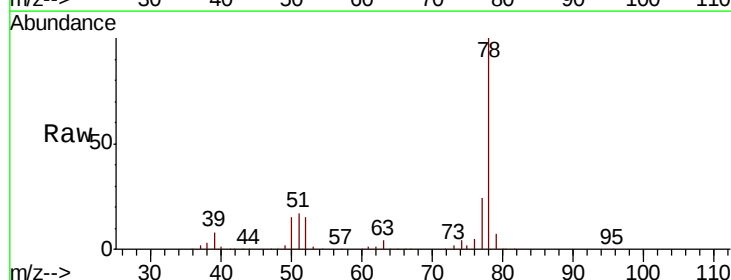
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

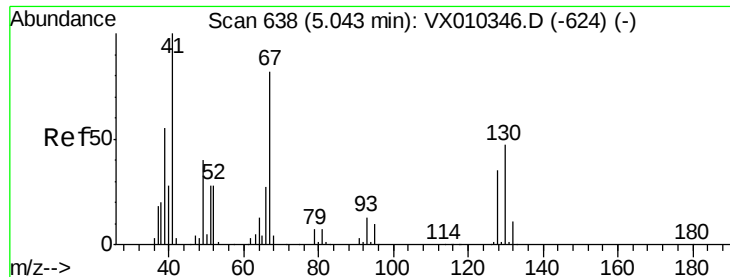
Tot Ion: 83 Resp: 68196
Ion Ratio Lower Upper
83 100
55 73.4 53.0 79.6
98 51.1 37.8 56.8



#40
Benzene
Concen: 18.569 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 78 Resp: 173479
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0





#41

Methacrylonitrile

Concen: 18.787 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS01

Tot Ion: 41 Resp: 31800

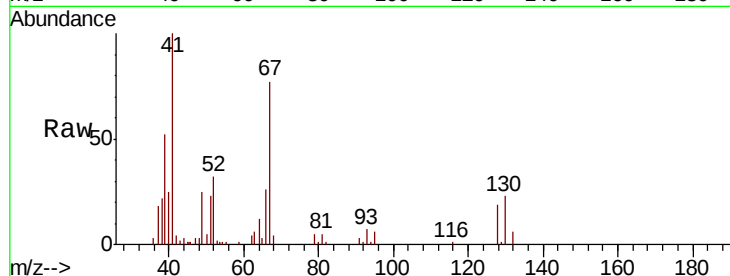
Ion Ratio Lower Upper

41 100

39 57.6 43.8 65.8

67 82.5 66.6 100.0

52 33.9 24.5 36.7

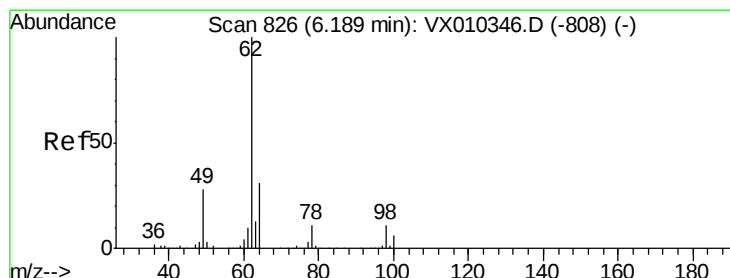
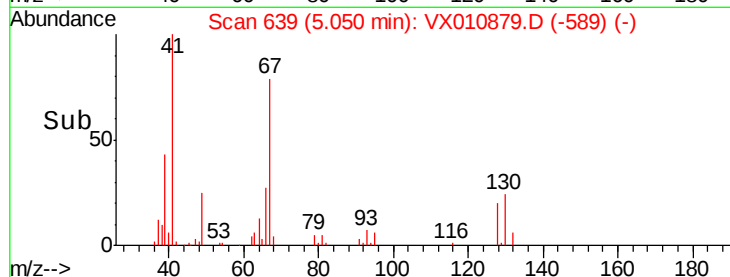
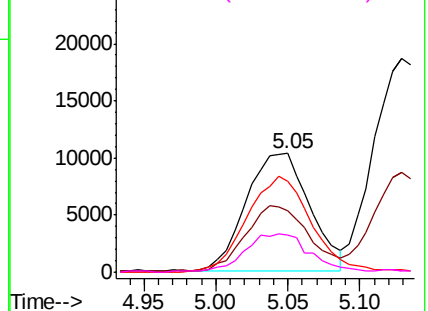


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.946 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010879.D

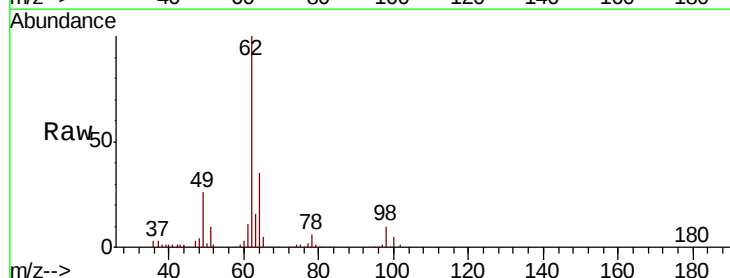
Acq: 15 Jul 2019 13:09

Tgt Ion: 62 Resp: 59567

Ion Ratio Lower Upper

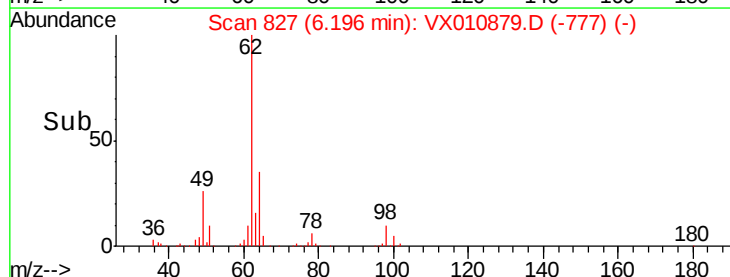
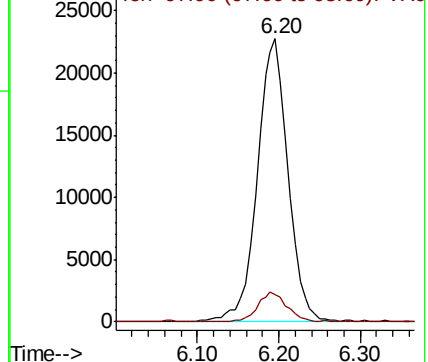
62 100

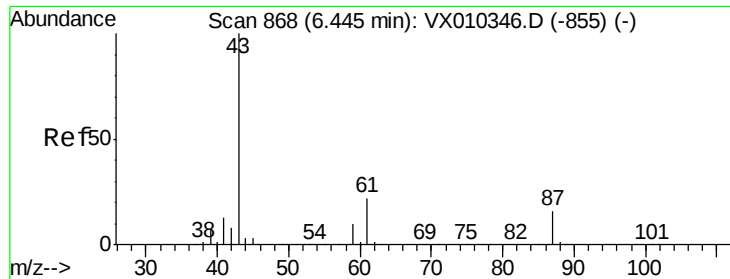
98 10.1 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



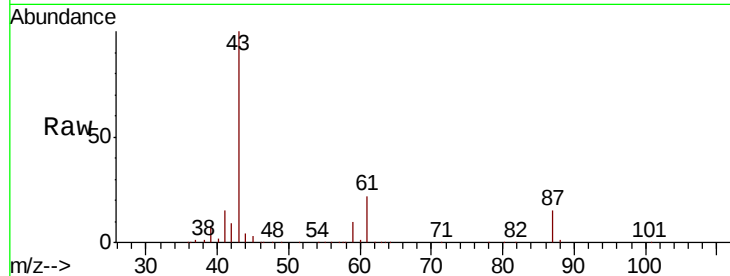


#43

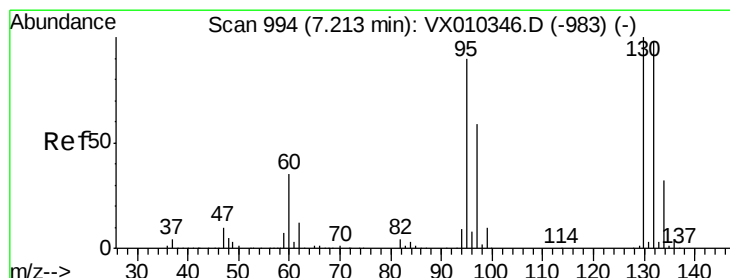
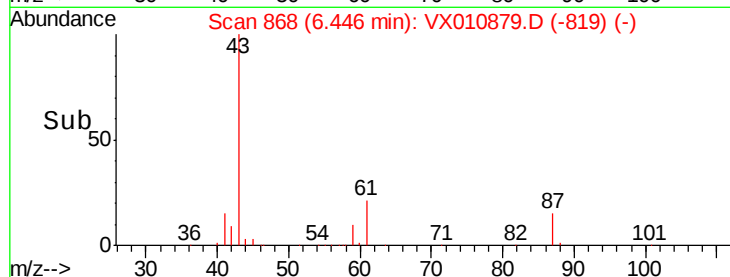
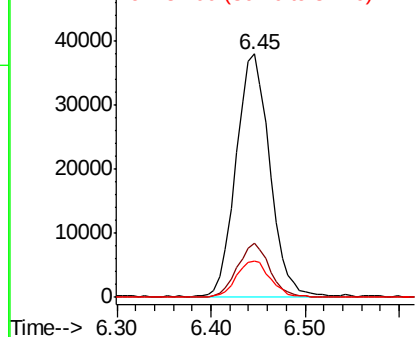
Isopropyl Acetate
 Concen: 18.510 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion: 43 Resp: 94474
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.8 26.6
 87 15.2 13.0 19.4



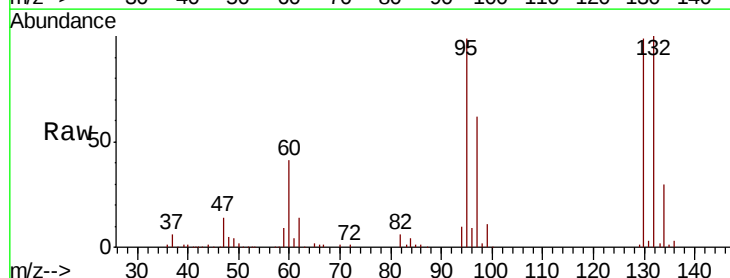
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



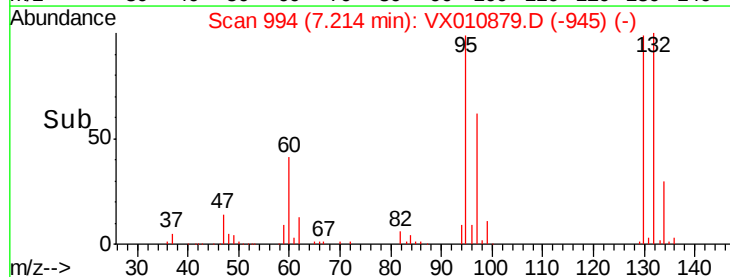
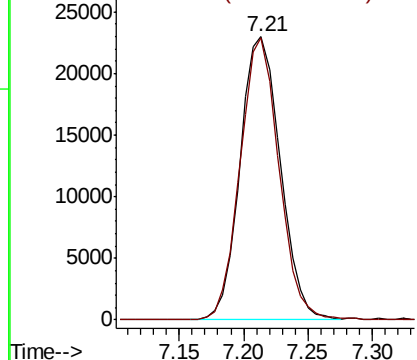
#44

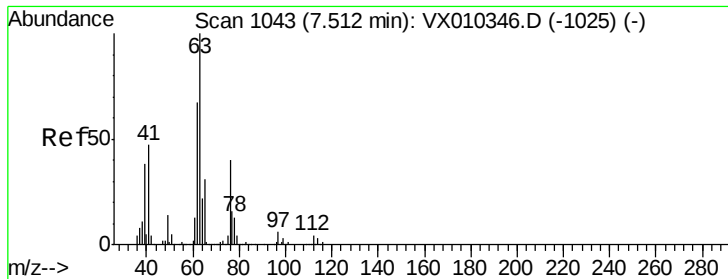
Trichloroethene
 Concen: 17.805 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion:130 Resp: 49773
 Ion Ratio Lower Upper
 130 100
 95 99.9 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: 18.844 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

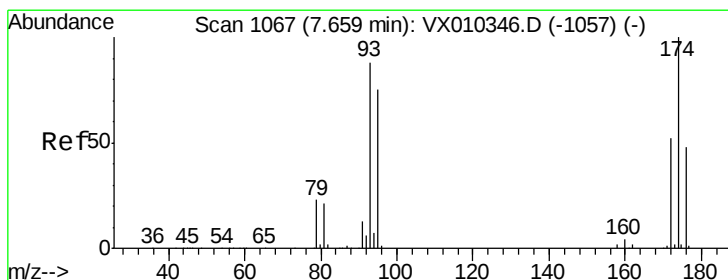
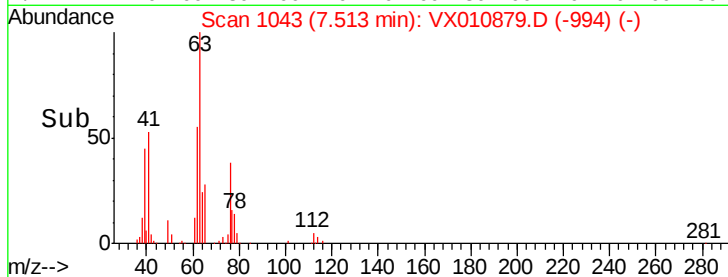
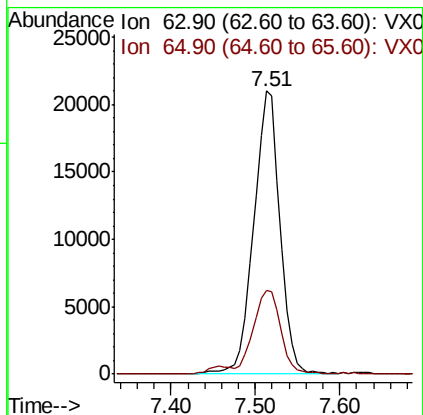
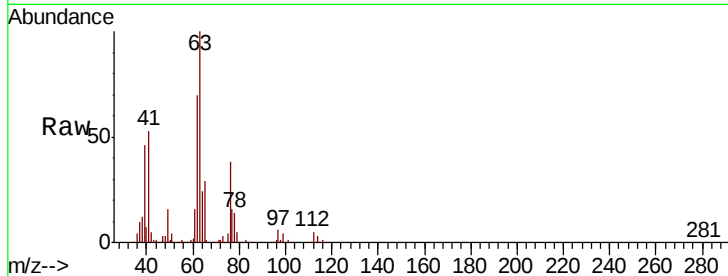
VX0715WBS01

Tot Ion: 63 Resp: 44457

Ion Ratio Lower Upper

63 100

65 29.4 24.8 37.2



#46

Dibromomethane

Concen: 18.962 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

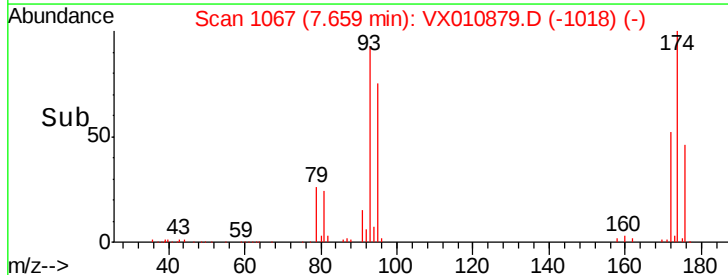
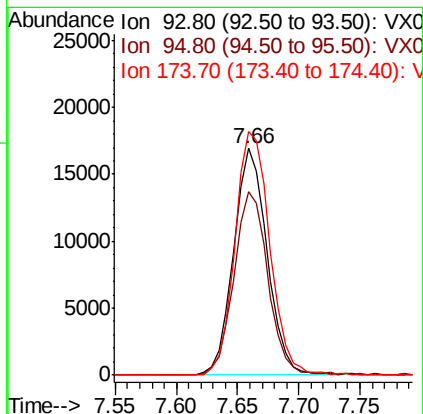
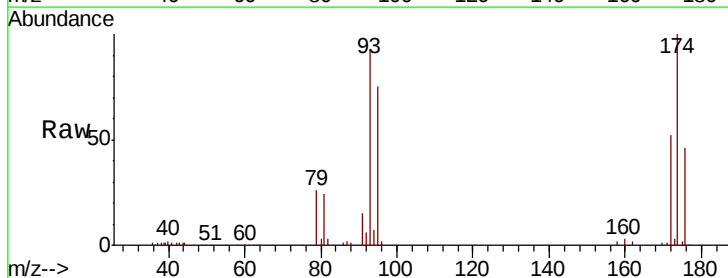
Tgt Ion: 93 Resp: 32097

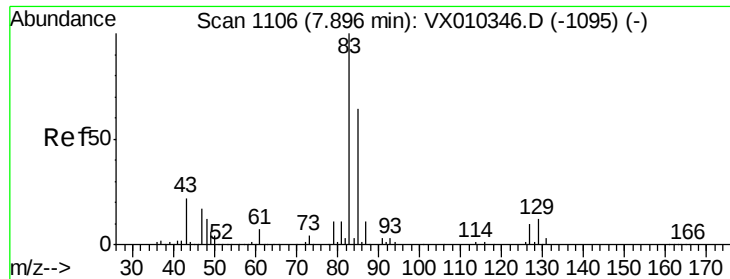
Ion Ratio Lower Upper

93 100

95 81.5 67.5 101.3

174 111.5 95.8 143.6





#47

Bromodichloromethane

Concen: 18.099 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

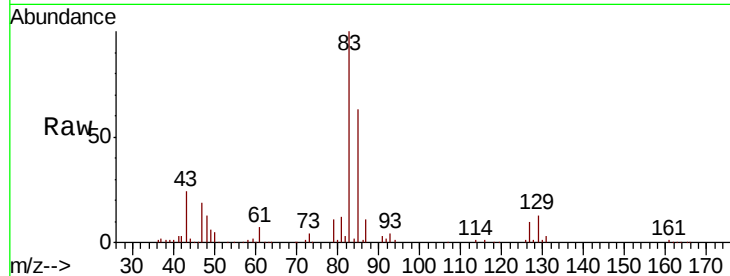
Tot Ion: 83 Resp: 56145

Ion Ratio Lower Upper

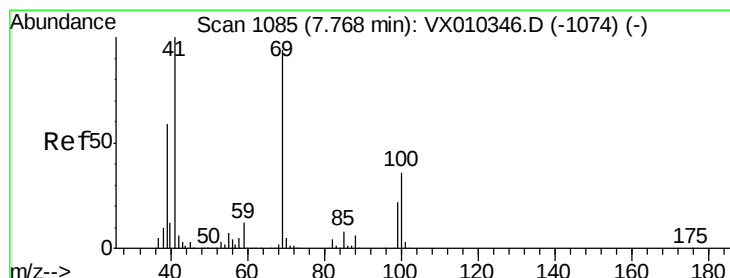
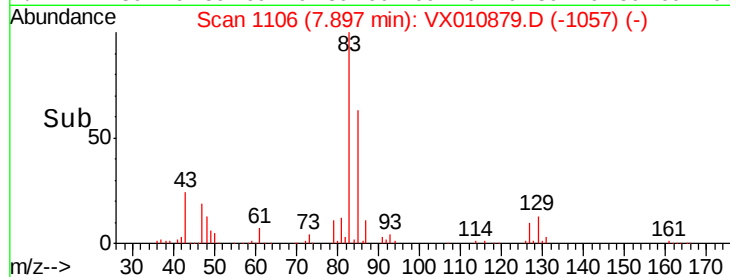
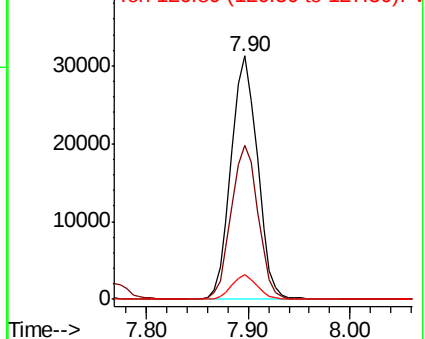
83 100

85 63.3 51.5 77.3

127 9.9 7.8 11.8



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



#48

Methyl methacrylate

Concen: 19.872 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

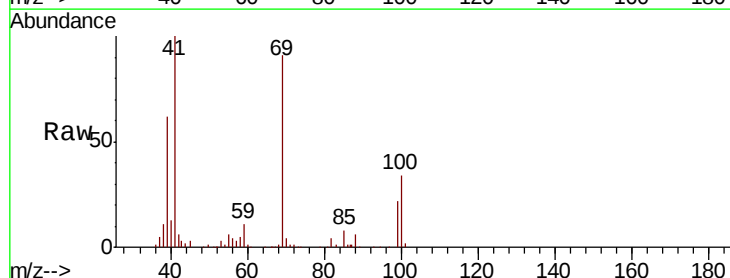
Tgt Ion: 41 Resp: 47144

Ion Ratio Lower Upper

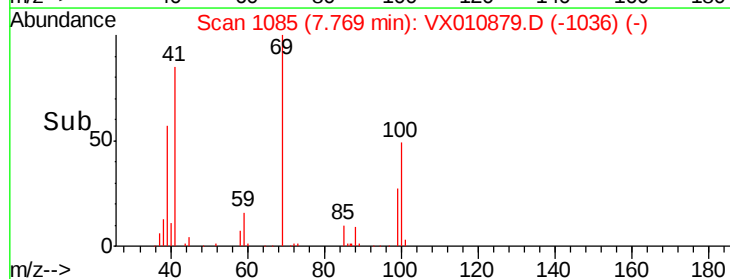
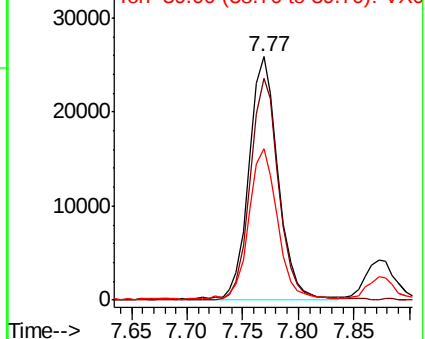
41 100

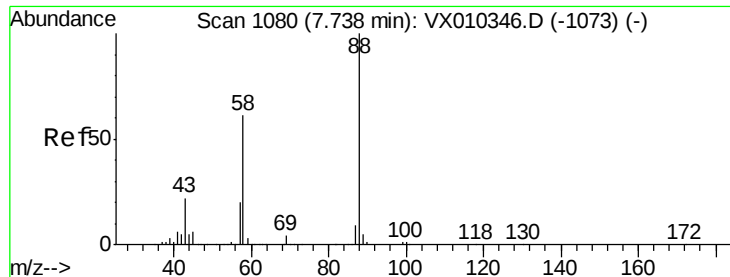
69 89.4 76.1 114.1

39 59.9 47.6 71.4



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





#49

1,4-Dioxane

Concen: 342.037 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

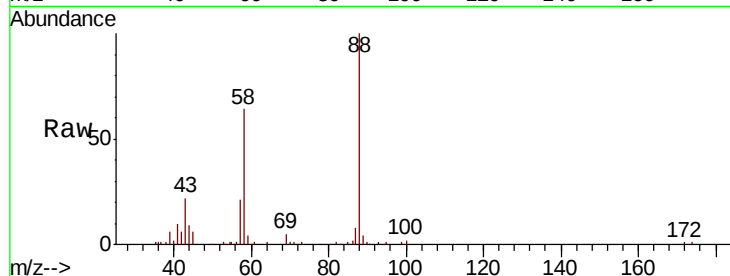
Tot Ion: 88 Resp: 23376

Ion Ratio Lower Upper

88 100

43 29.8 20.2 30.2

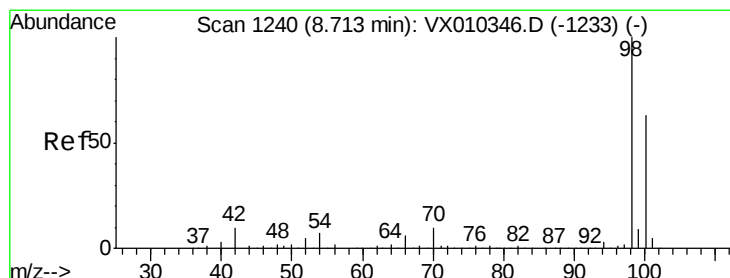
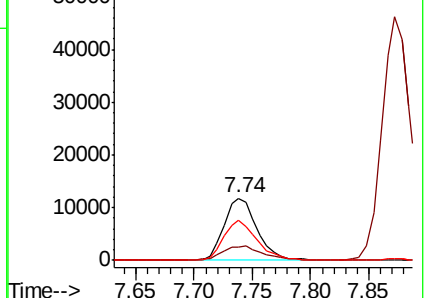
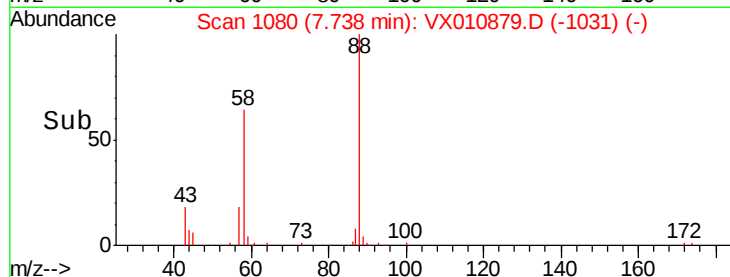
58 65.3 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 41.520 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010879.D

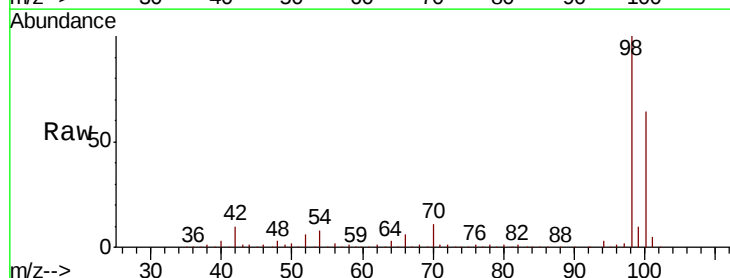
Acq: 15 Jul 2019 13:09

Tgt Ion: 98 Resp: 366755

Ion Ratio Lower Upper

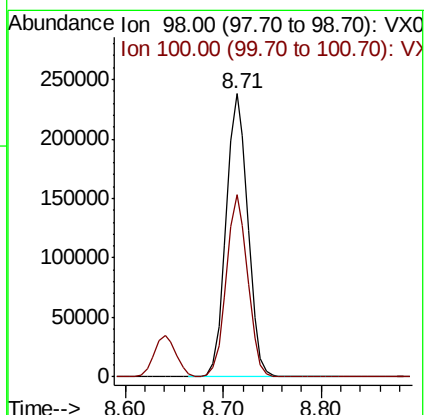
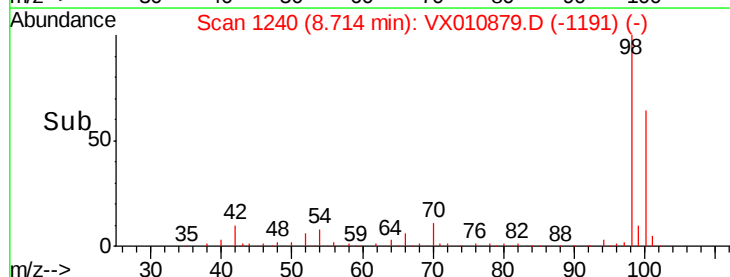
98 100

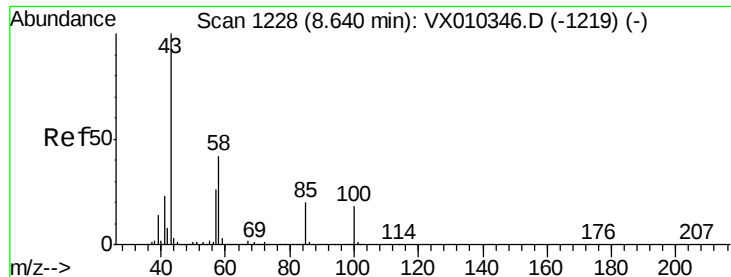
100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

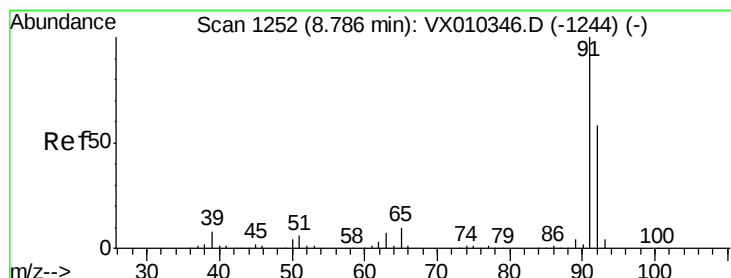
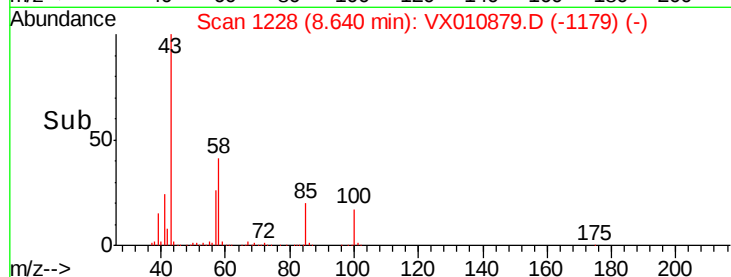
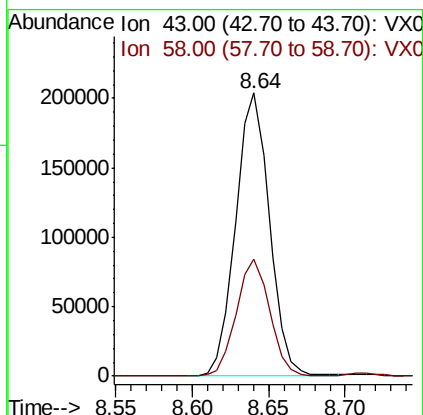
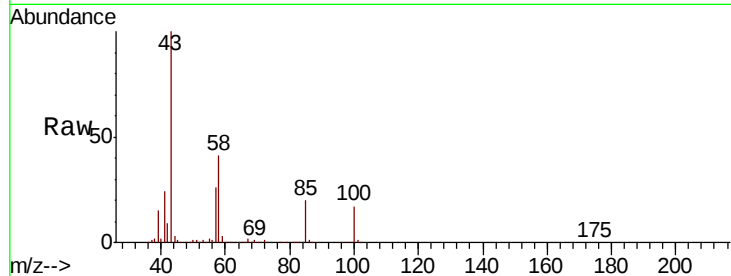




#51
4-Methyl-2-Pentanone
Concen: 95.600 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

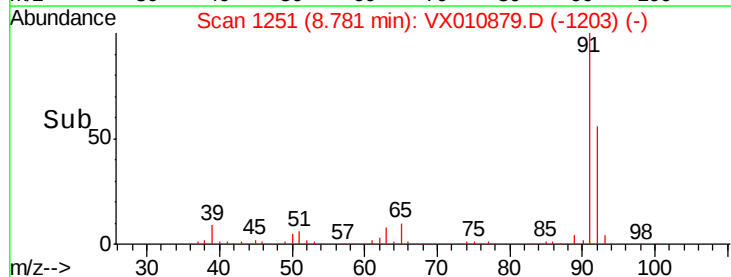
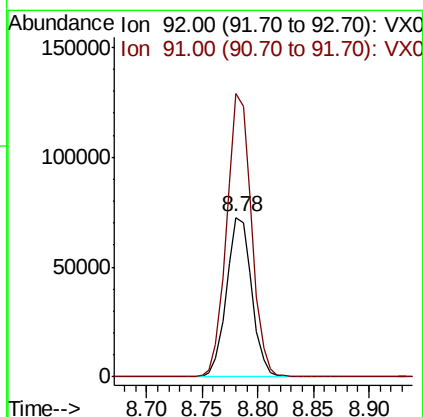
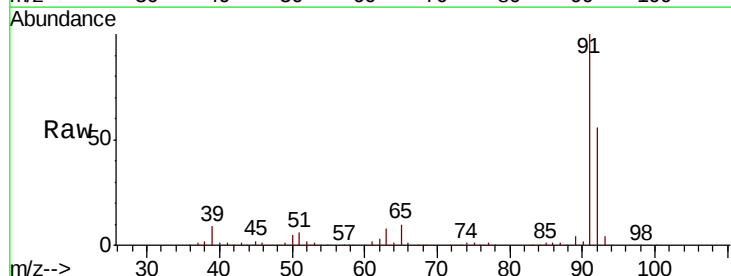
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

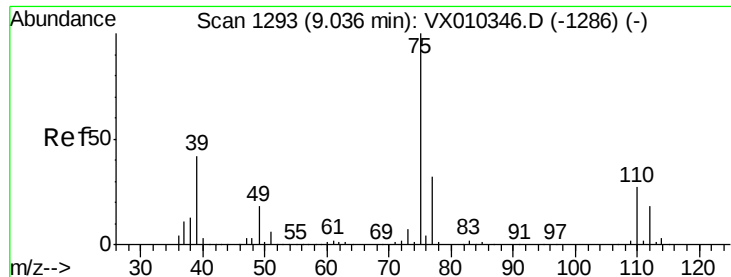
Tot Ion: 43 Resp: 312072
Ion Ratio Lower Upper
43 100
58 41.0 33.5 50.3



#52
Toluene
Concen: 18.474 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 92 Resp: 113656
Ion Ratio Lower Upper
92 100
91 174.3 139.8 209.6

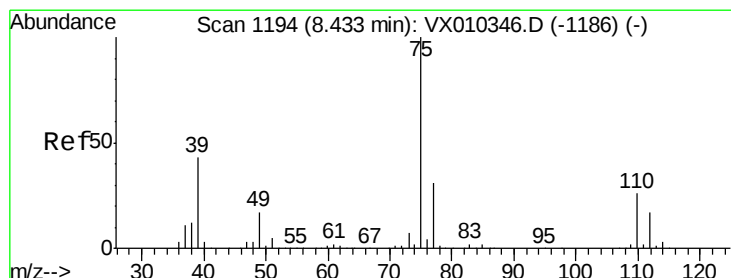
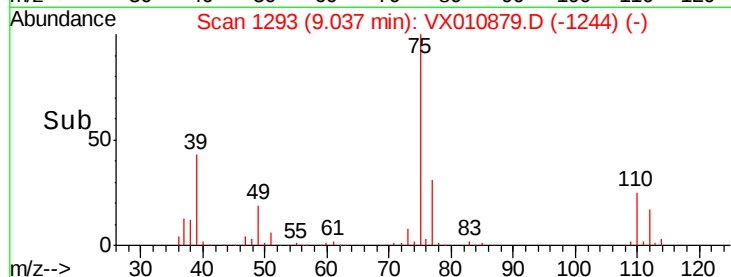
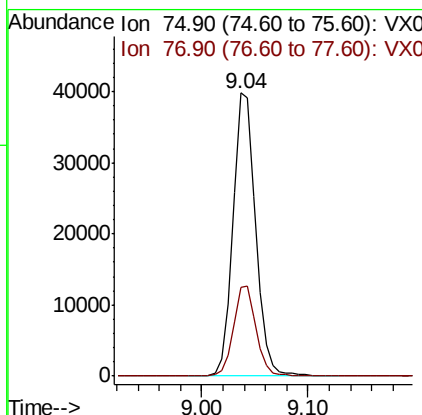
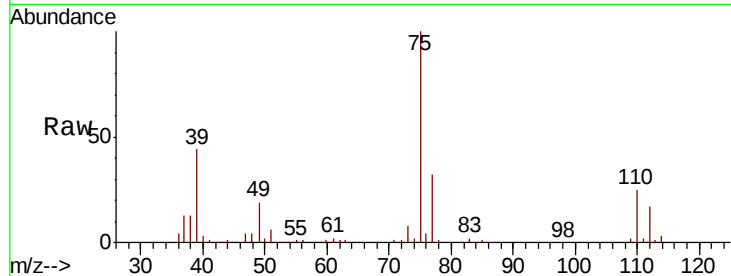




#53
 t-1,3-Dichloropropene
 Concen: 17.156 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

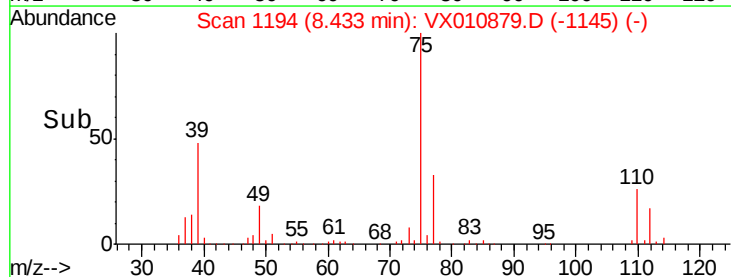
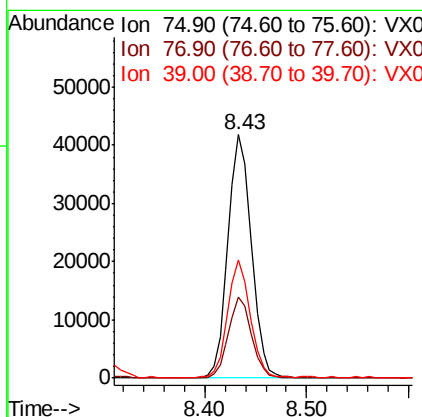
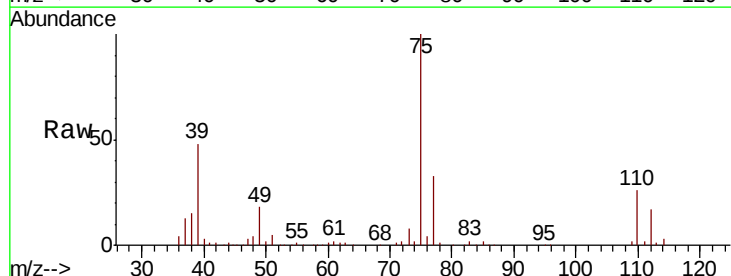
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

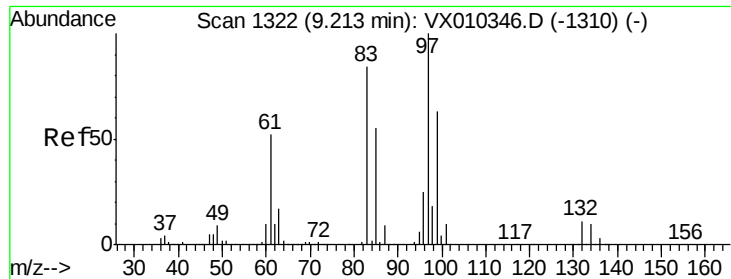
Tot Ion: 75 Resp: 59666
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.653 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 75 Resp: 66719
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8
 39 48.0 34.5 51.7

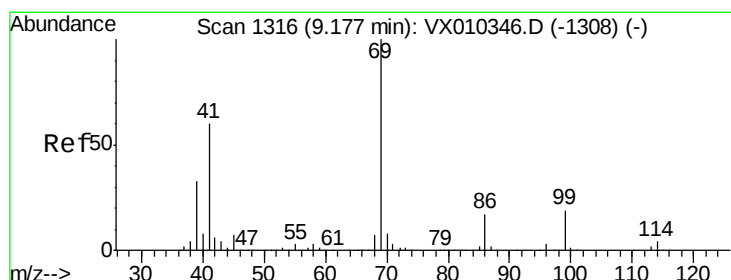
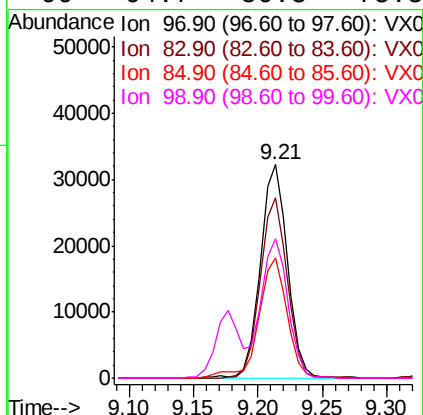
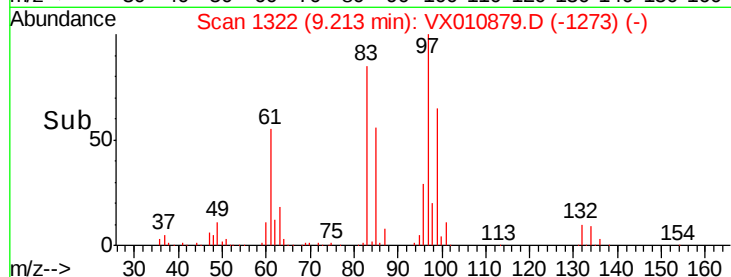
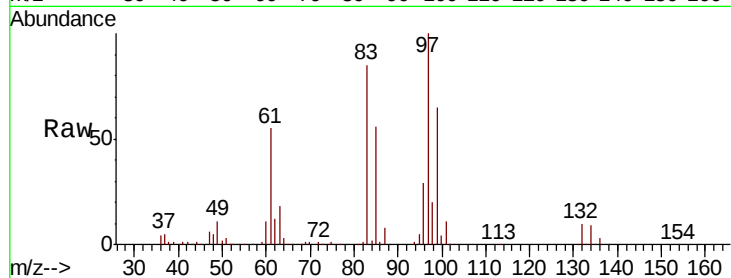




#55
 1,1,2-Trichloroethane
 Concen: 18.457 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

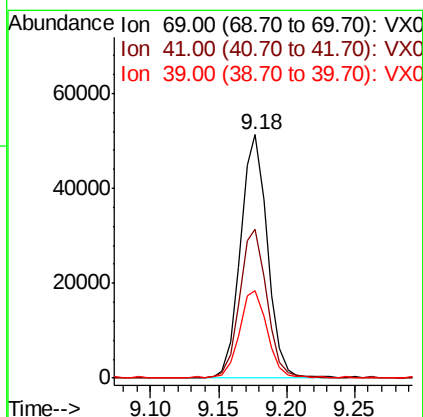
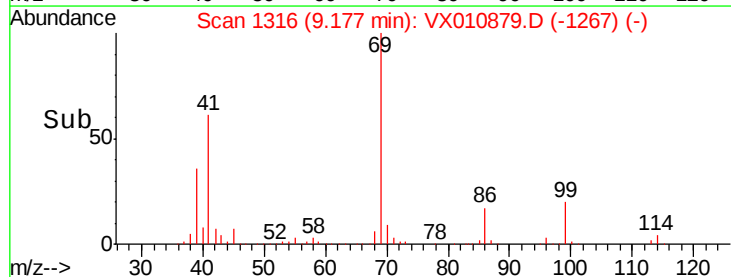
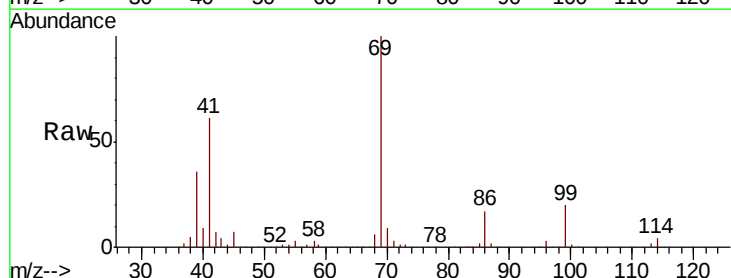
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

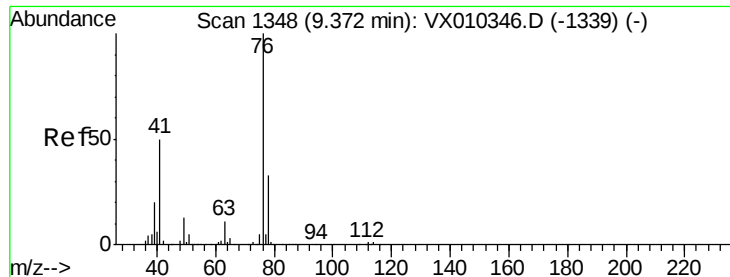
Tot Ion: 97 Resp: 46832
 Ion Ratio Lower Upper
 97 100
 83 84.3 67.4 101.0
 85 56.5 43.8 65.8
 99 64.7 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 18.482 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 69 Resp: 71042
 Ion Ratio Lower Upper
 69 100
 41 61.3 47.1 70.7
 39 36.6 26.6 40.0

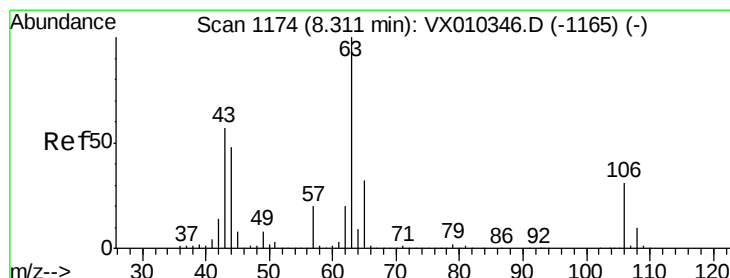
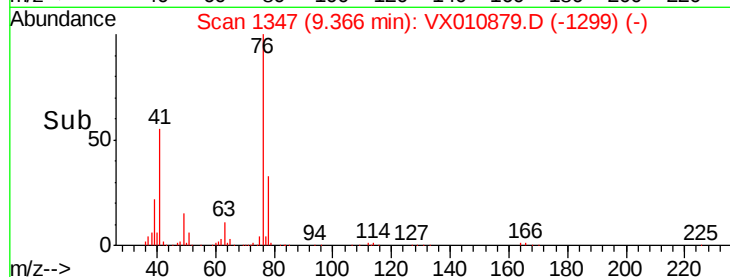
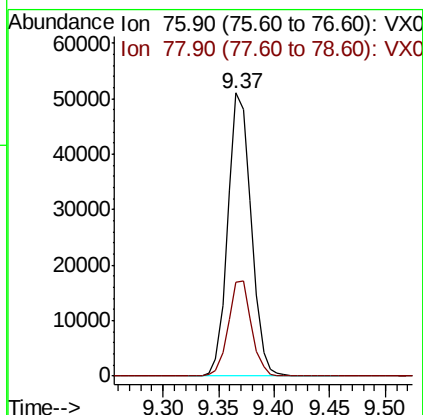
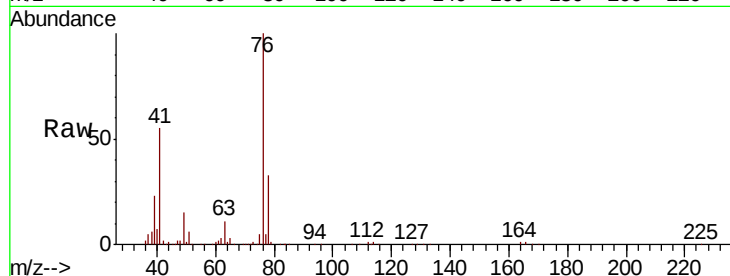




#57
 1,3-Dichloropropane
 Concen: 18.804 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

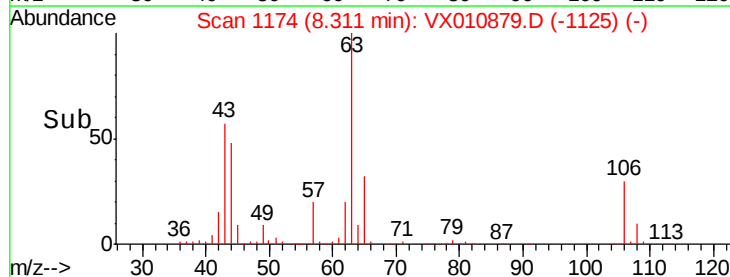
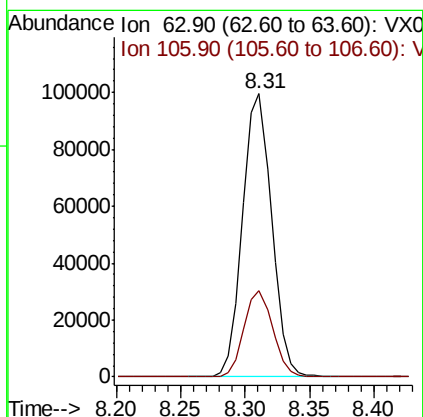
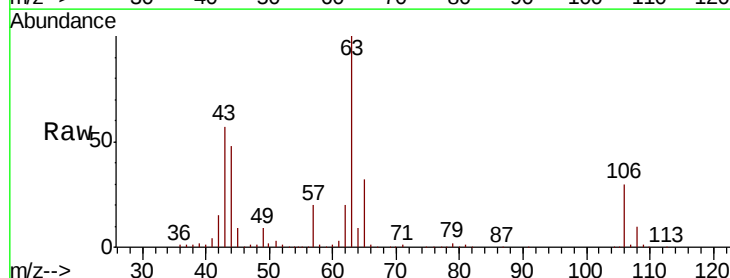
Instrument :
 MSVOA_X
 ClientSampled :
 VX0715WBS01

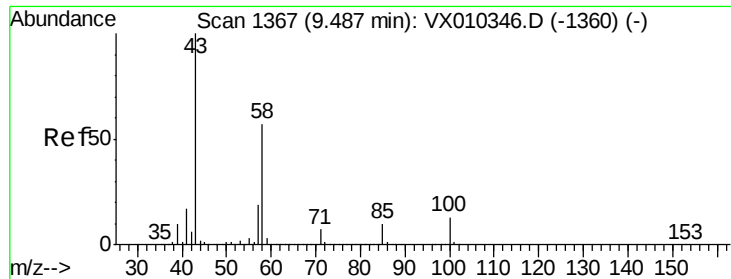
Tot Ion: 76 Resp: 74065
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.277 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 63 Resp: 155673
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.7 37.1

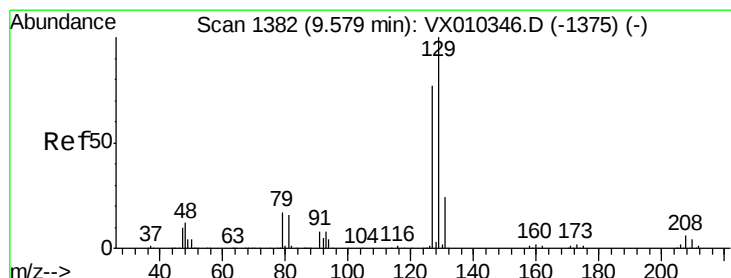
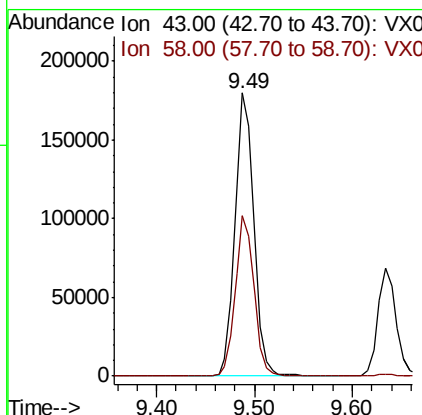
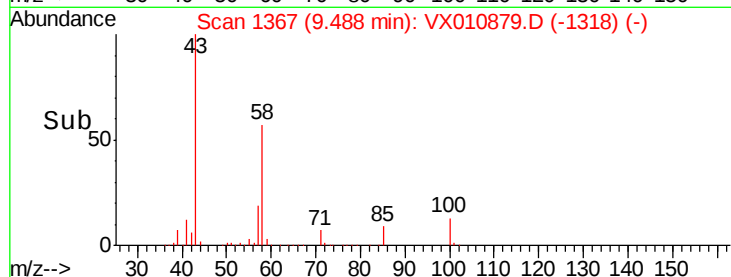
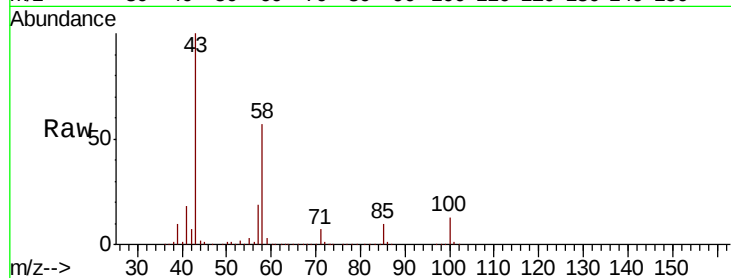




#59
2-Hexanone
Concen: 93.724 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

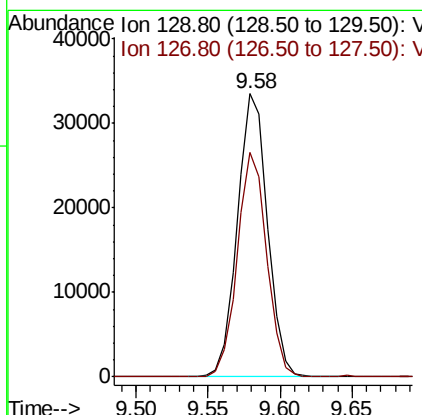
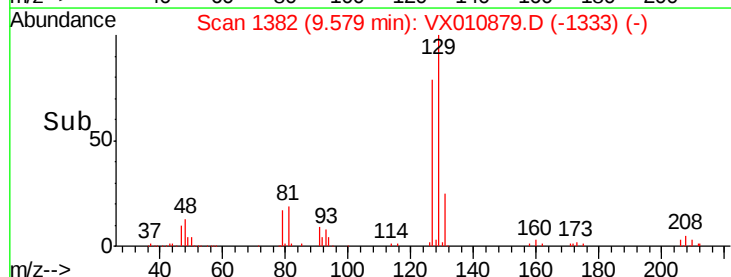
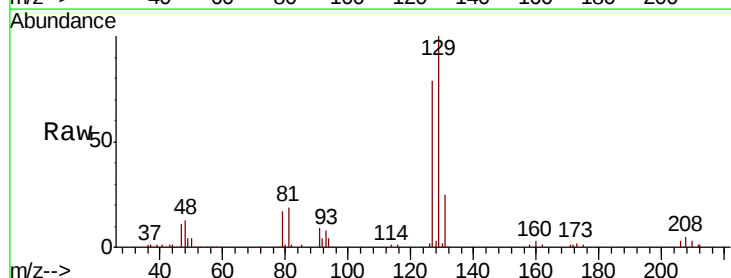
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

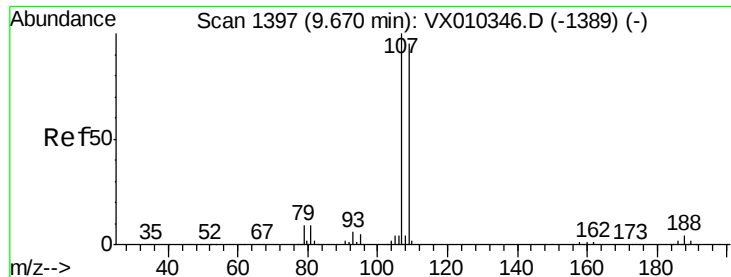
Tot Ion: 43 Resp: 240791
Ion Ratio Lower Upper
43 100
58 56.1 29.0 87.1



#60
Dibromochloromethane
Concen: 17.118 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 129 Resp: 48631
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.486 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

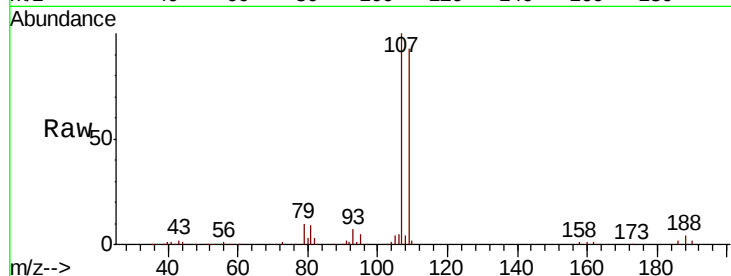
VX0715WBS01

Tot Ion: 107 Resp: 50628

Ion Ratio Lower Upper

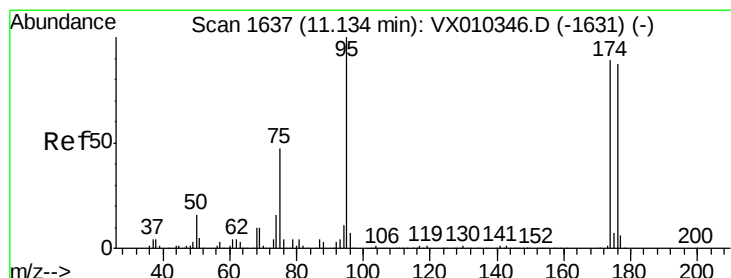
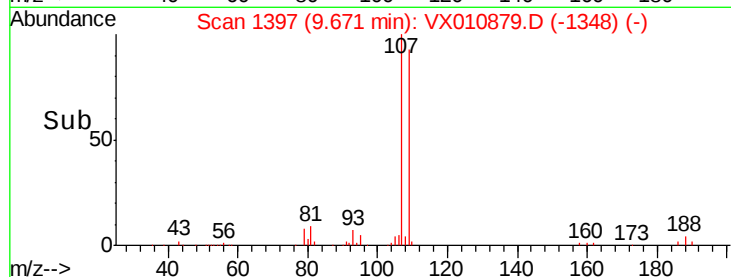
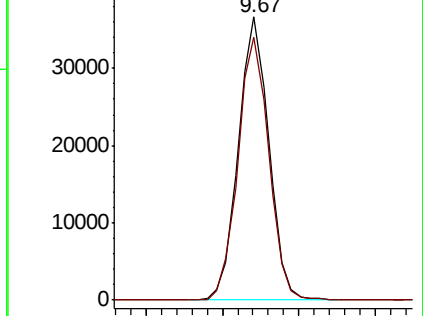
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.054 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

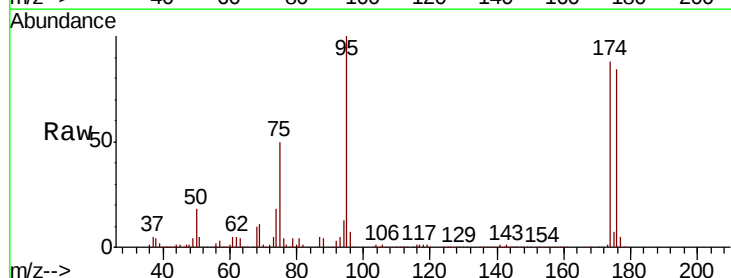
Tgt Ion: 95 Resp: 140488

Ion Ratio Lower Upper

95 100

174 89.5 0.0 187.6

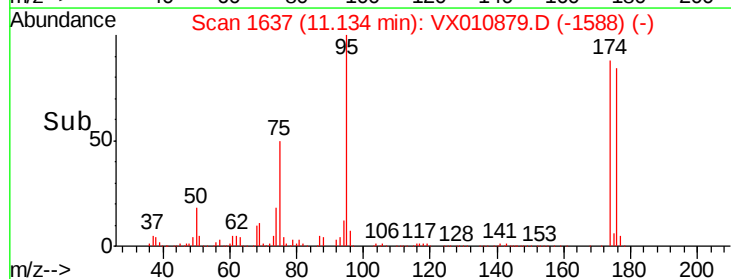
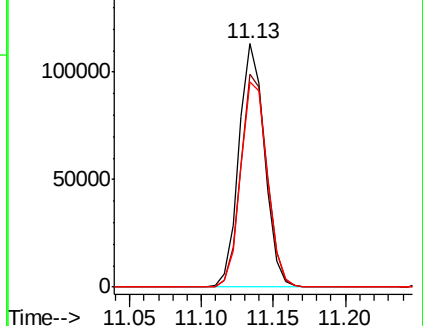
176 87.3 0.0 184.0

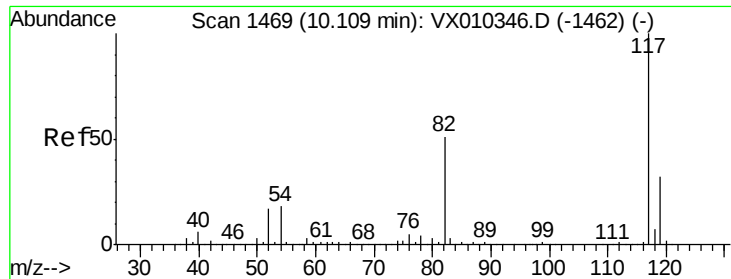


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

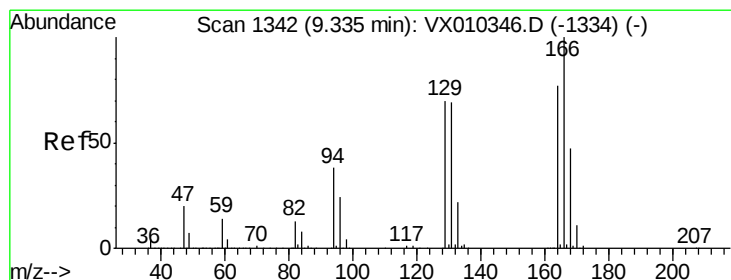
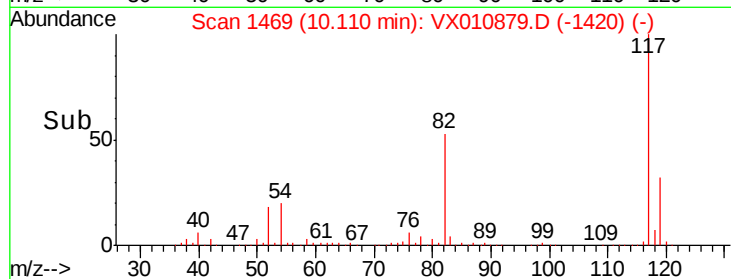
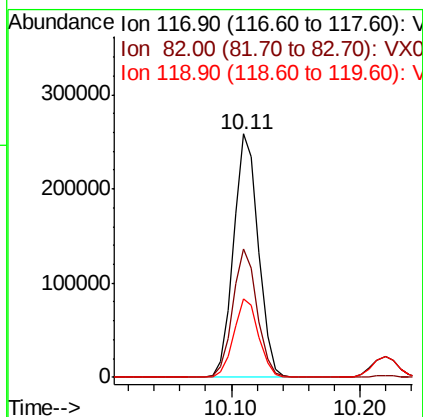
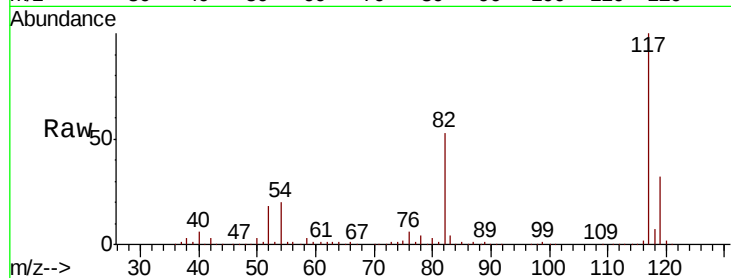




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

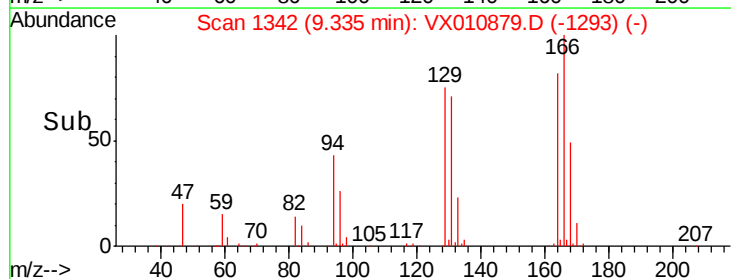
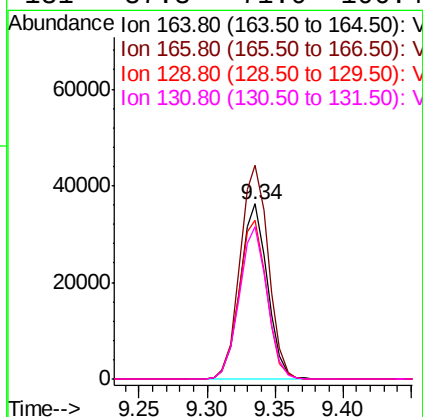
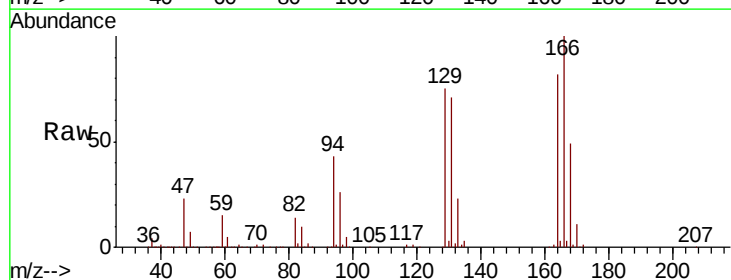
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

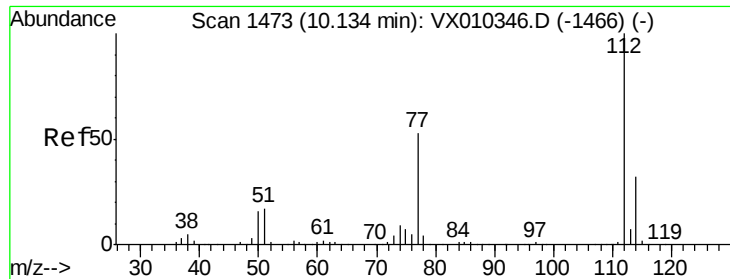
Tot Ion:117 Resp: 346649
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 18.051 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:164 Resp: 50612
Ion Ratio Lower Upper
164 100
166 122.2 103.6 155.4
129 91.0 73.0 109.4
131 87.3 71.0 106.4

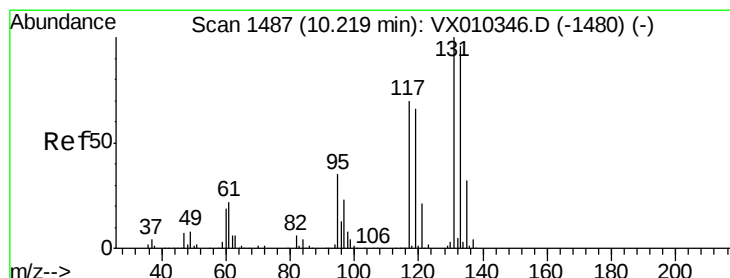
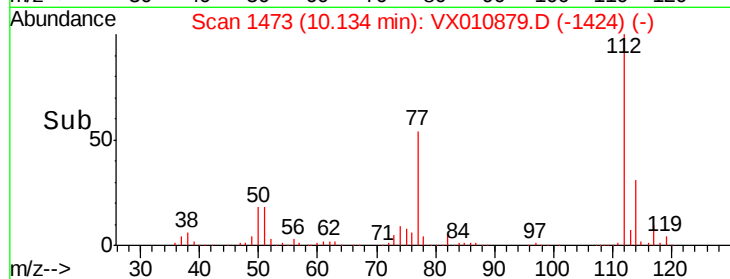
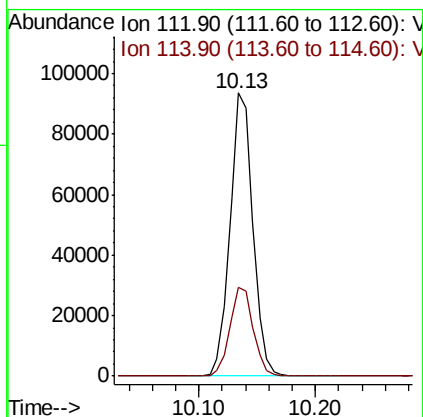
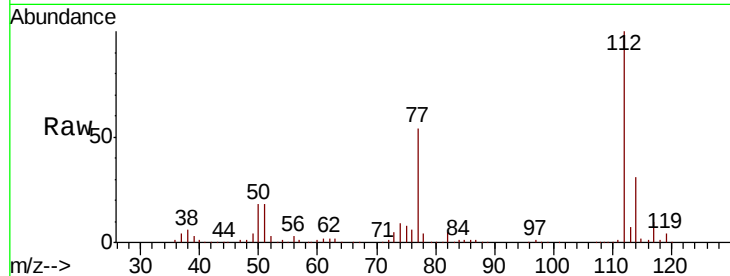




#65
Chlorobenzene
Concen: 18.167 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

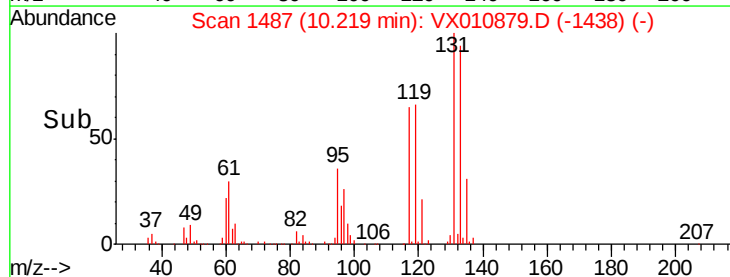
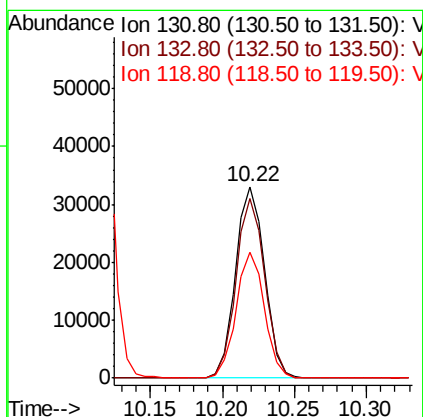
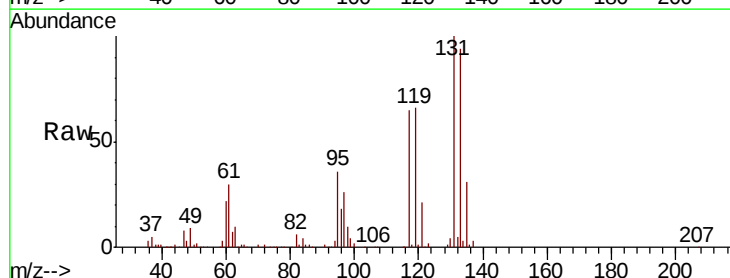
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

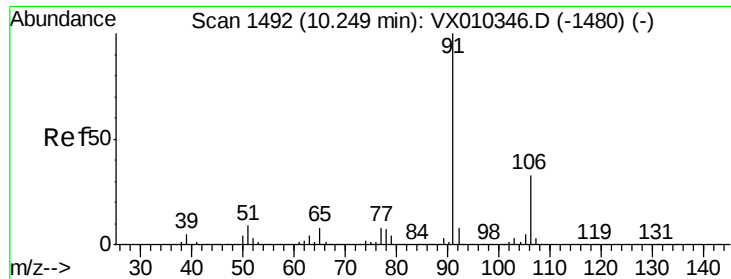
Tot Ion:112 Resp: 127856
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.112 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:131 Resp: 46429
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 64.4 32.6 97.7

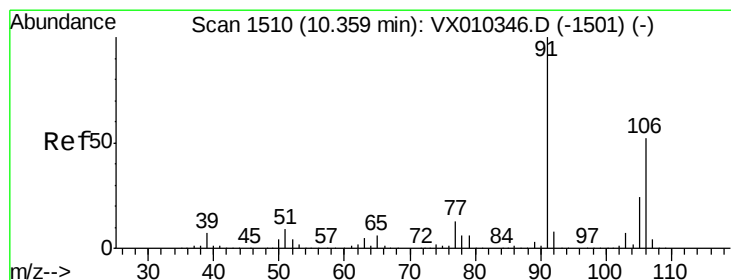
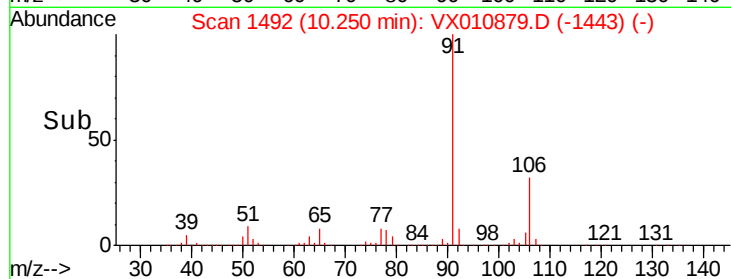
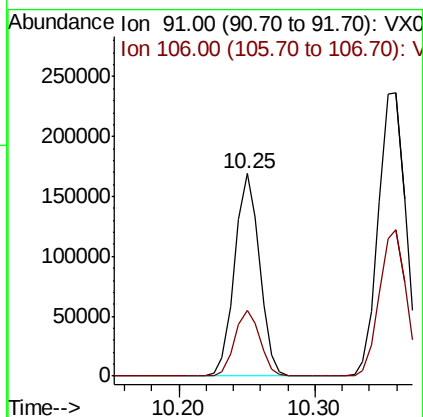
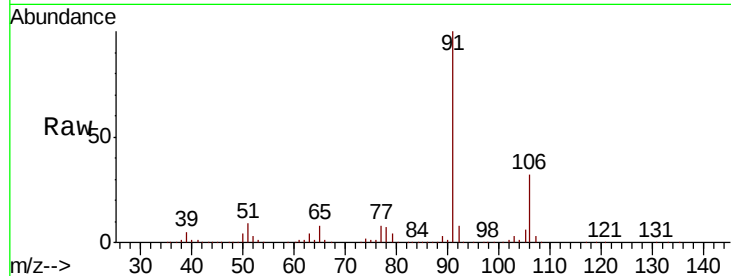




#67
Ethyl Benzene
Concen: 18.282 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

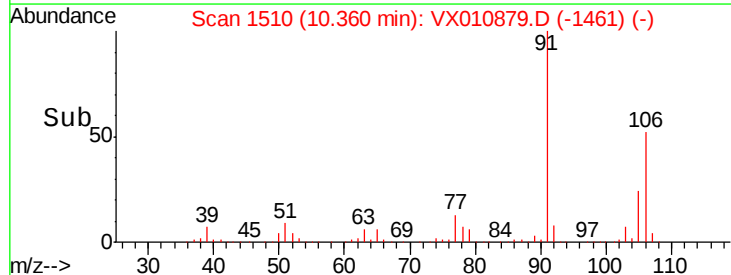
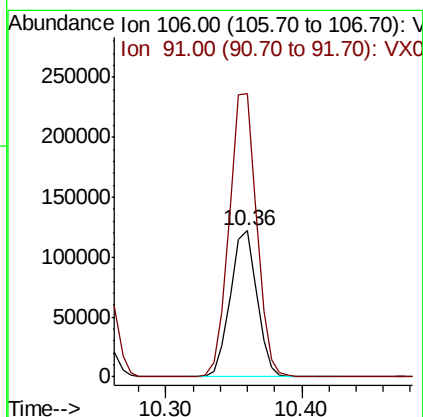
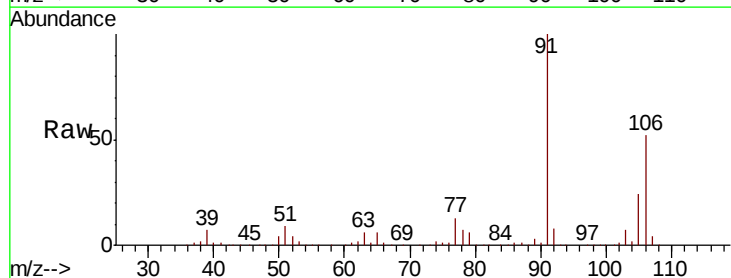
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

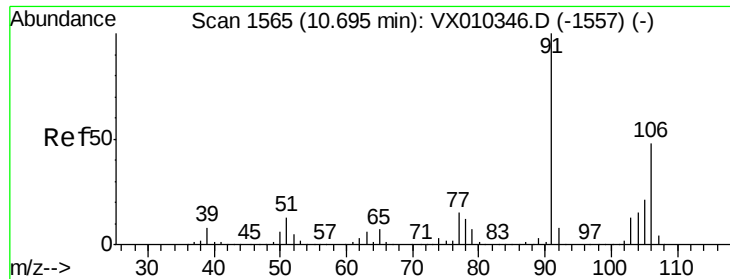
Tot Ion: 91 Resp: 217215
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 36.372 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 106 Resp: 167443
Ion Ratio Lower Upper
106 100
91 198.8 155.3 232.9

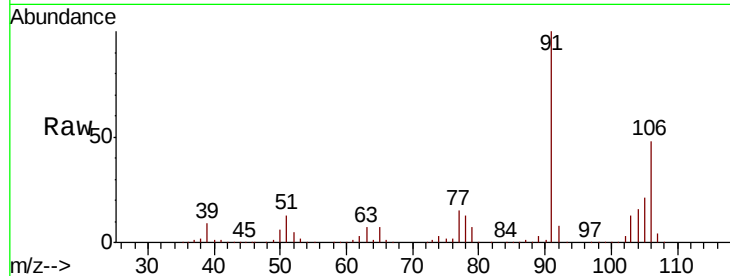




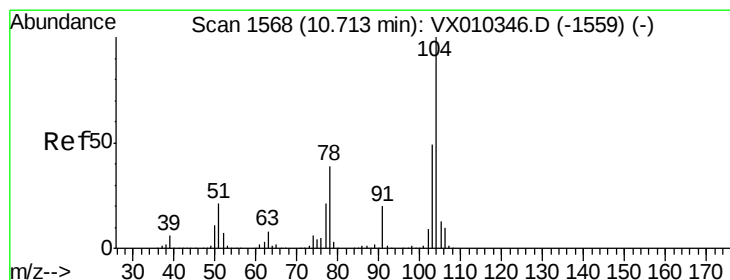
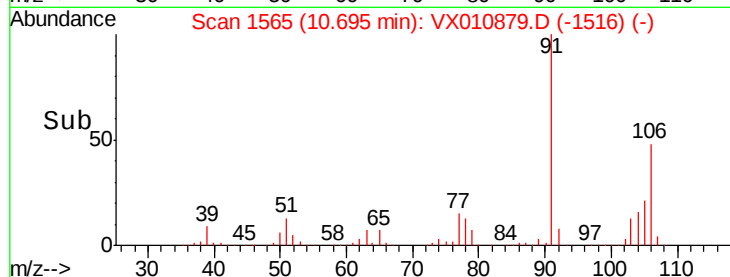
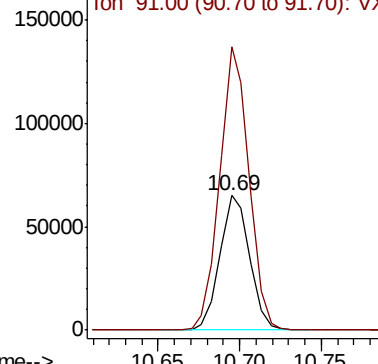
#69
o-Xylene
Concen: 18.428 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion:106 Resp: 83429
Ion Ratio Lower Upper
106 100
91 206.1 102.7 308.1

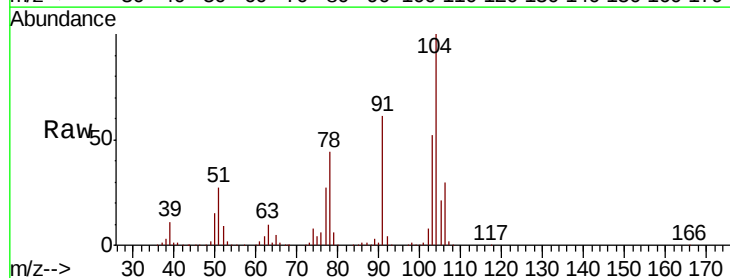


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

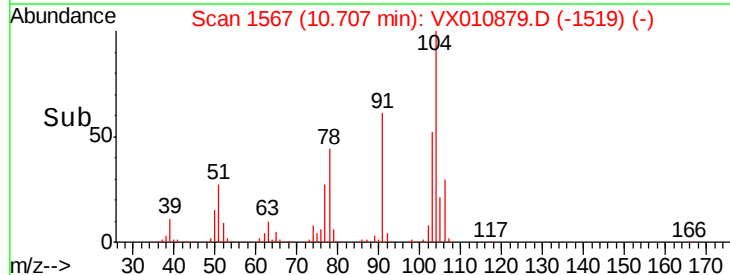
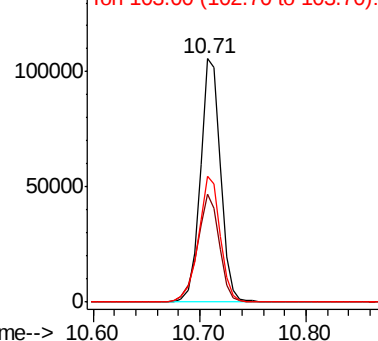


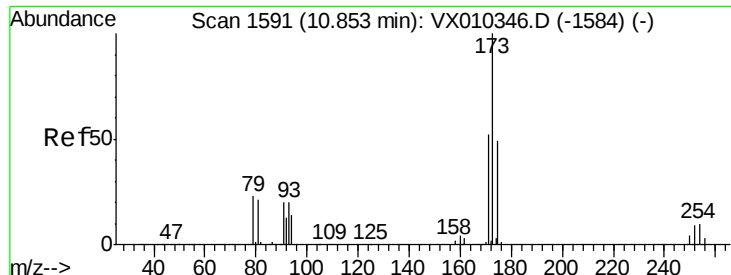
#70
Styrene
Concen: 18.442 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:104 Resp: 140015
Ion Ratio Lower Upper
104 100
78 48.0 36.2 54.2
103 55.6 44.2 66.4



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





#71

Bromoform

Concen: 15.995 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

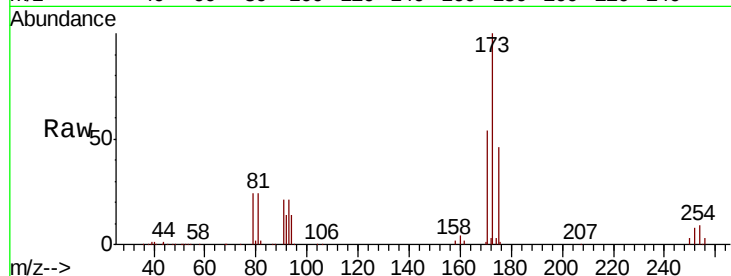
Tot Ion:173 Resp: 35658

Ion Ratio Lower Upper

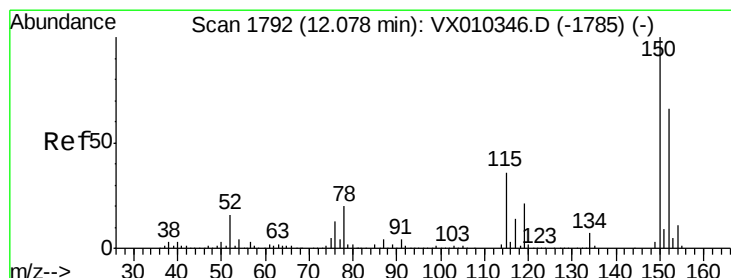
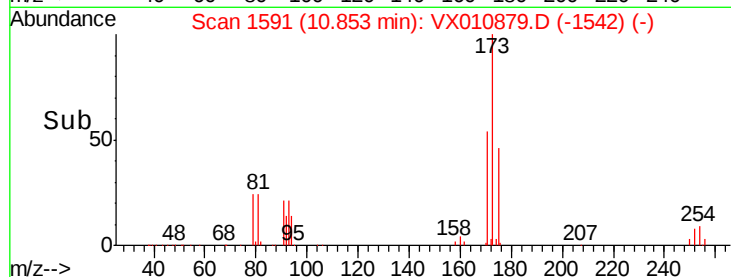
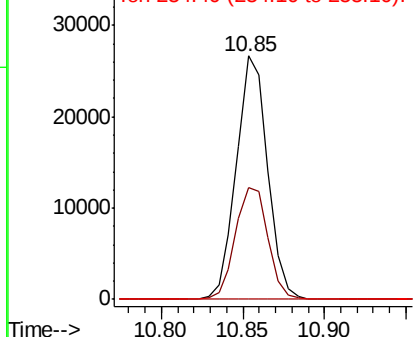
173 100

175 48.1 24.1 72.3

254 0.1 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: VX010879.D

Acq: 15 Jul 2019 13:09

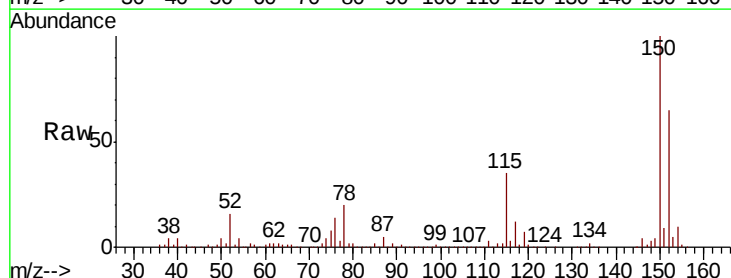
Tgt Ion:152 Resp: 179417

Ion Ratio Lower Upper

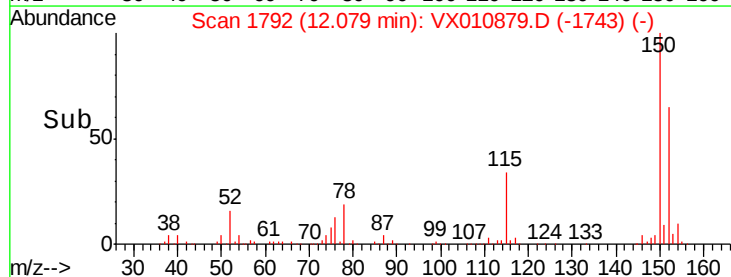
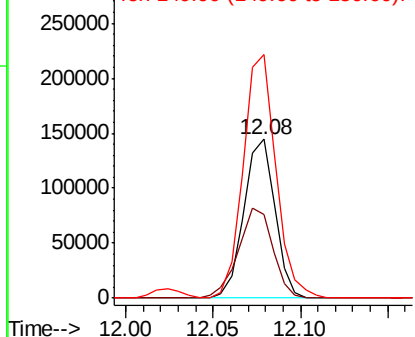
152 100

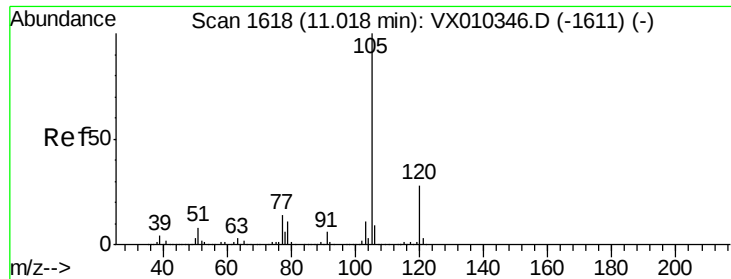
115 63.4 38.6 115.7

150 160.7 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: 18.049 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

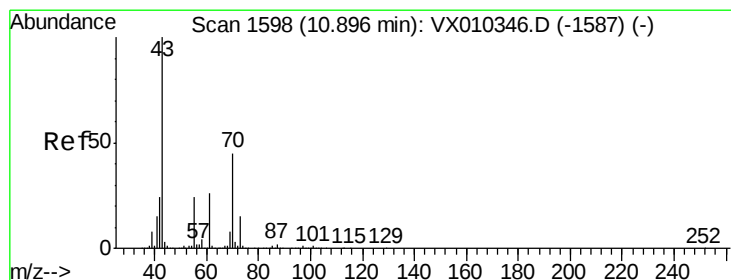
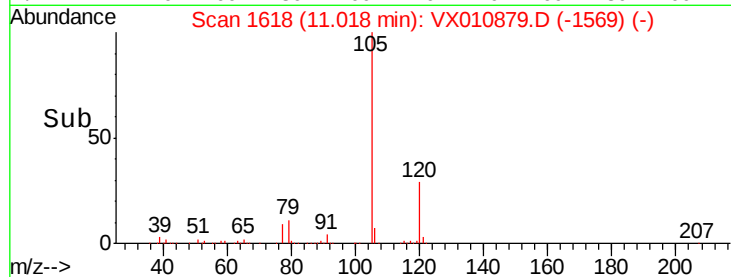
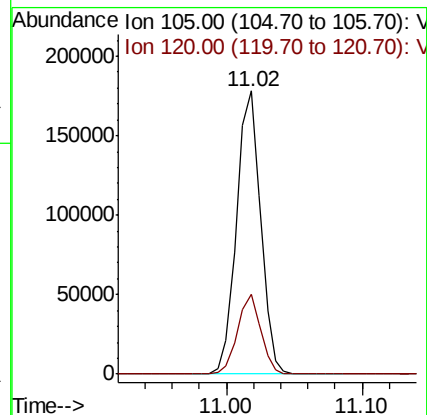
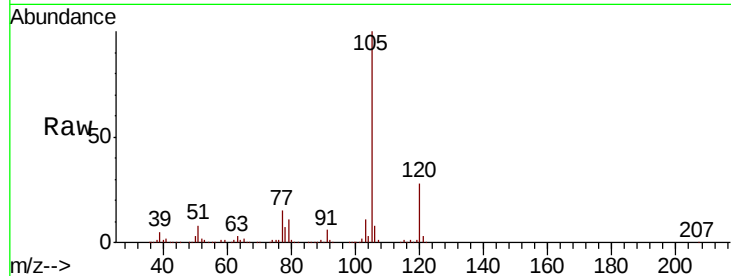
VX0715WBS01

Tot Ion:105 Resp: 219514

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 19.188 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion: 43 Resp: 88195

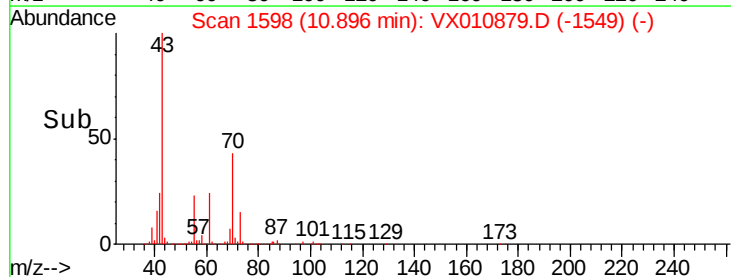
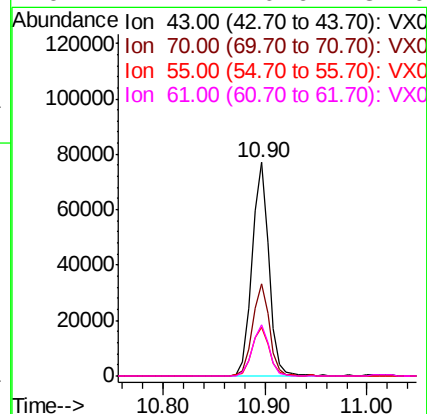
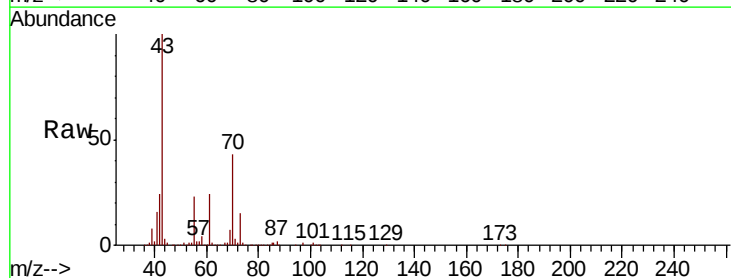
Ion Ratio Lower Upper

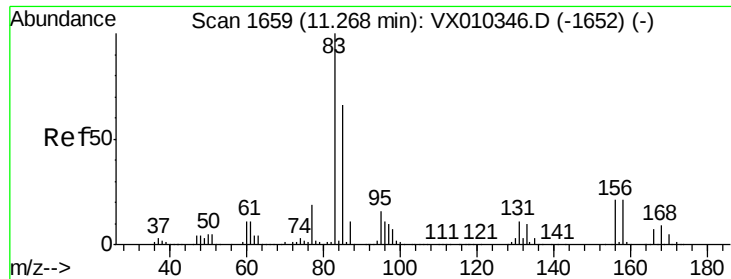
43 100

70 43.6 36.6 54.8

55 23.8 18.7 28.1

61 24.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.830 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

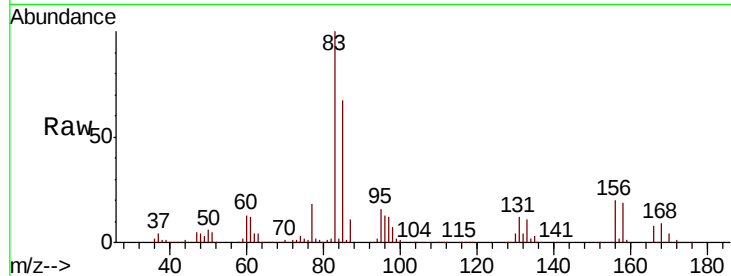
Tot Ion: 83 Resp: 71814

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

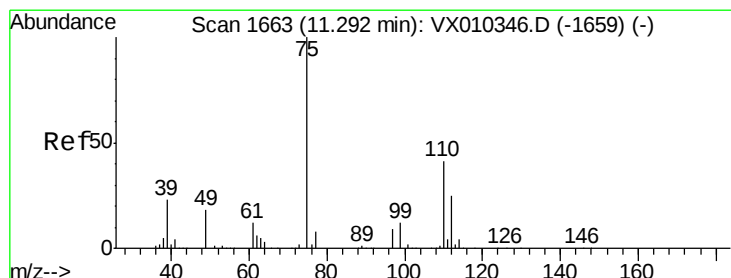
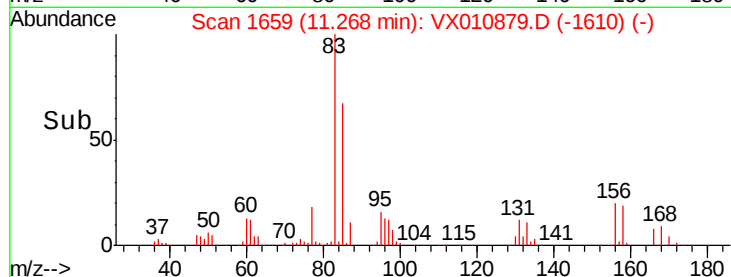
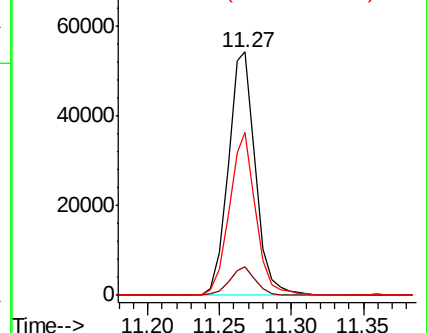
85 65.1 32.3 96.8



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: 23.443 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010879.D

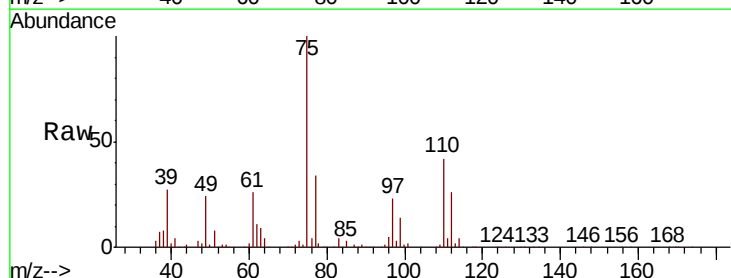
Acq: 15 Jul 2019 13:09

Tgt Ion: 75 Resp: 76645

Ion Ratio Lower Upper

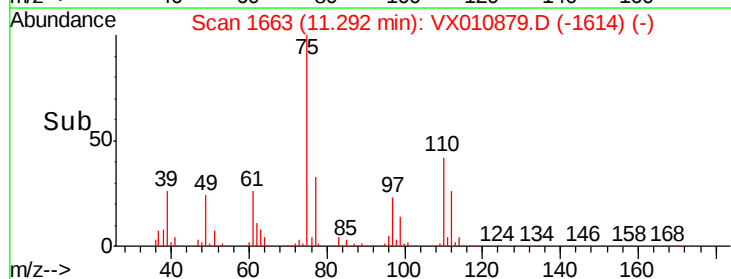
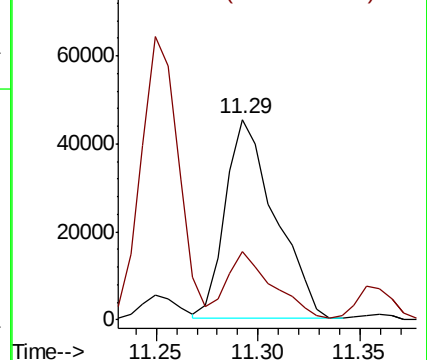
75 100

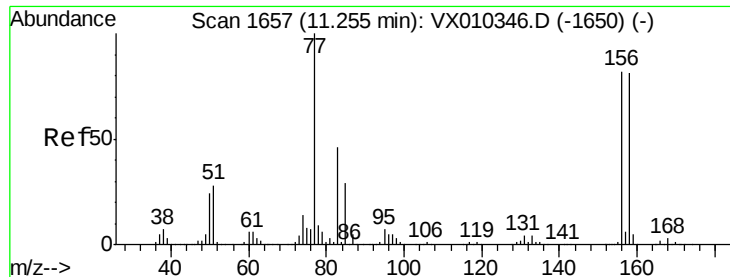
77 32.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

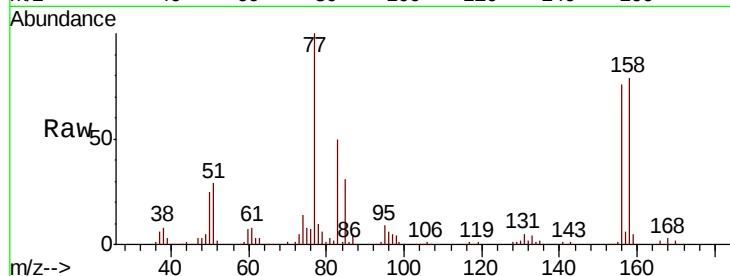
Tot Ion:156 Resp: 59182

Ion Ratio Lower Upper

156 100

77 139.0 66.3 198.7

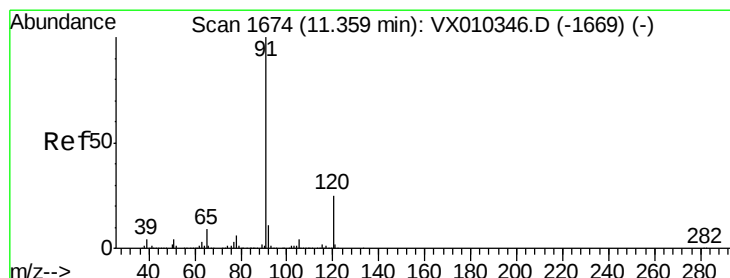
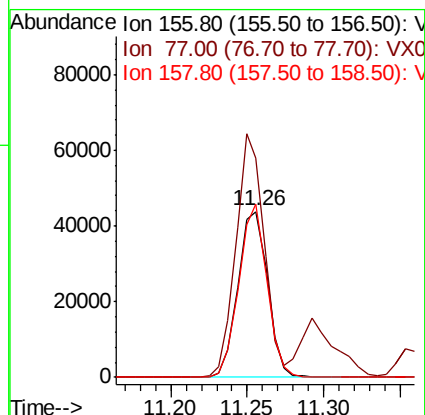
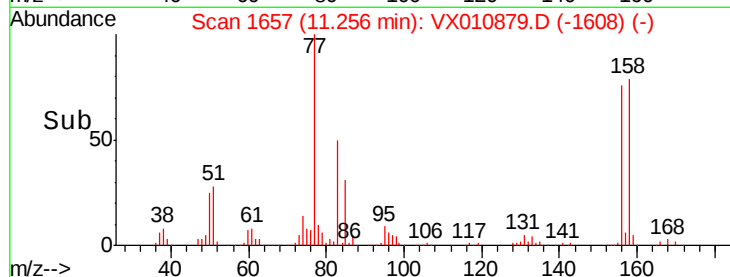
158 98.8 48.9 146.7



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: 18.285 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010879.D

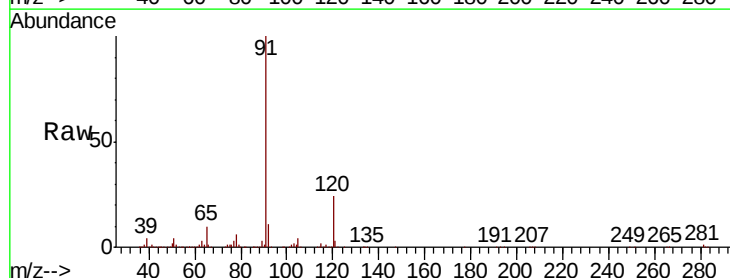
Acq: 15 Jul 2019 13:09

Tgt Ion: 91 Resp: 244409

Ion Ratio Lower Upper

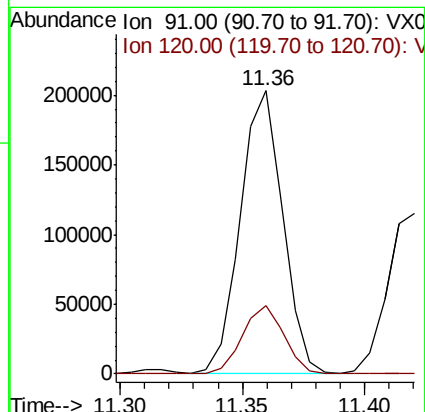
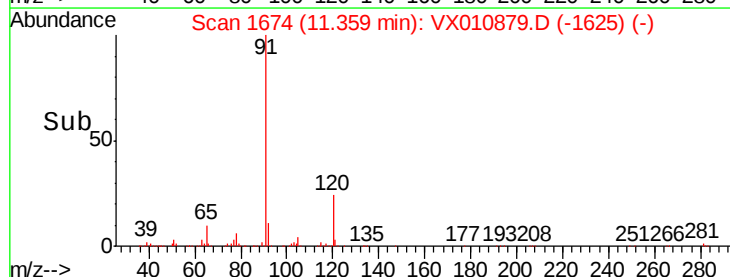
91 100

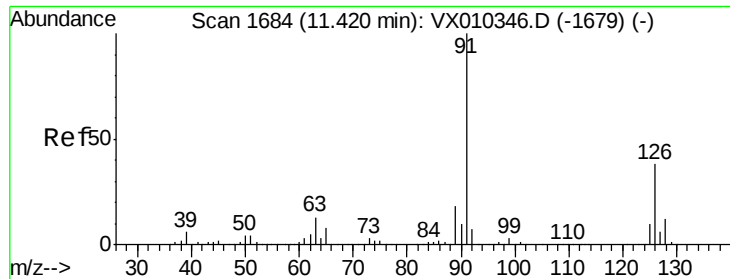
120 24.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

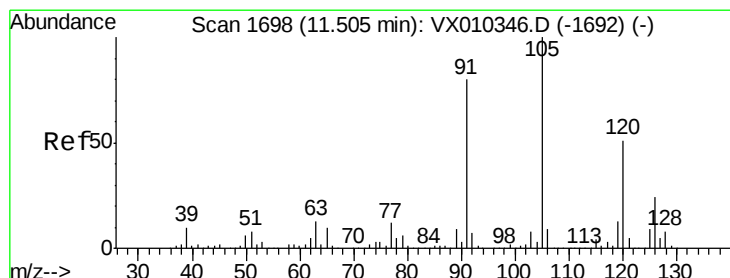
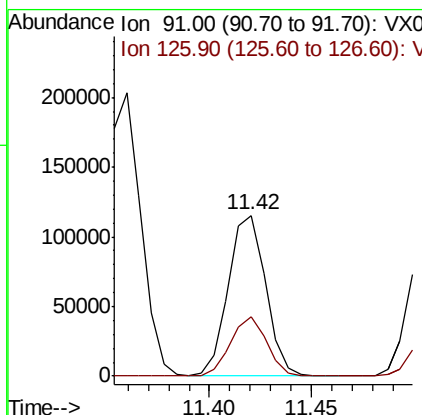
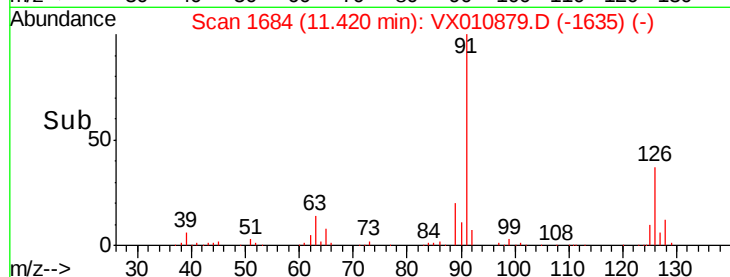
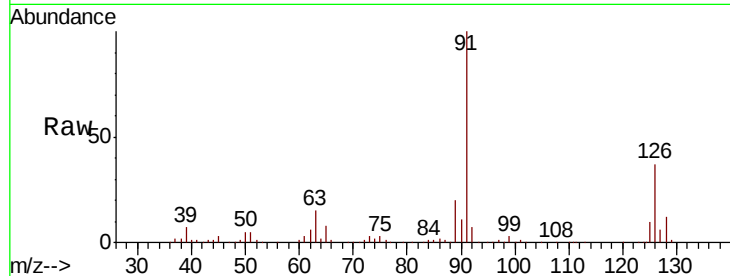




#79
 2-Chlorotoluene
 Concen: 18.350 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

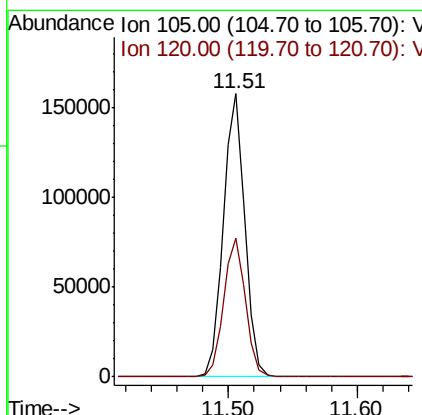
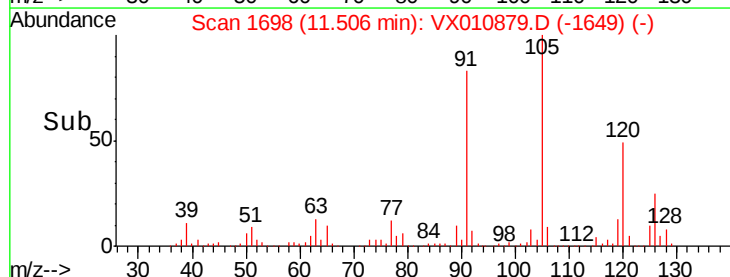
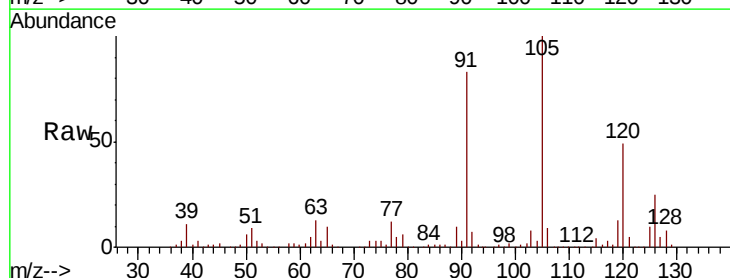
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

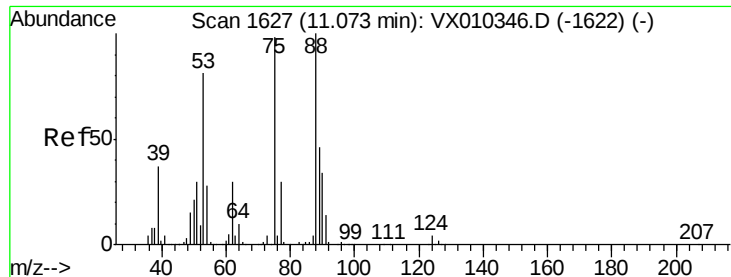
Tot Ion: 91 Resp: 146060
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.516 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion:105 Resp: 185644
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.641 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

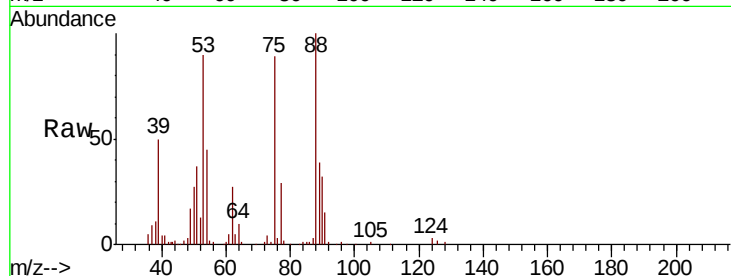
Tot Ion: 75 Resp: 19117

Ion Ratio Lower Upper

75 100

53 102.9 66.1 99.1#

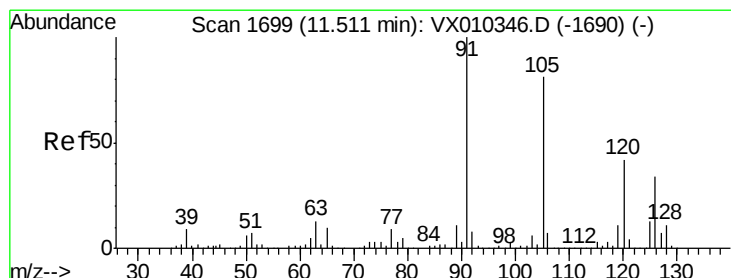
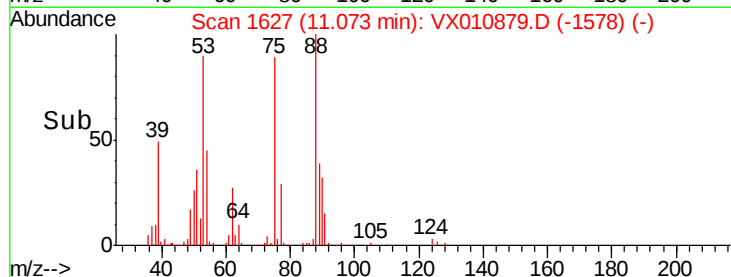
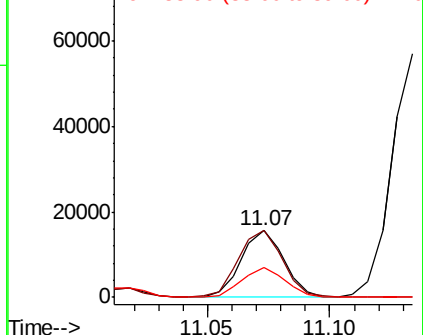
89 45.8 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.348 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010879.D

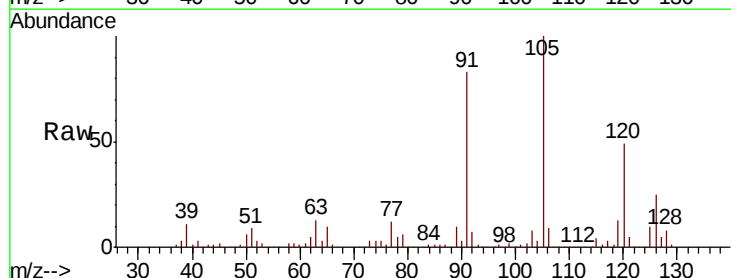
Acq: 15 Jul 2019 13:09

Tgt Ion: 91 Resp: 166180

Ion Ratio Lower Upper

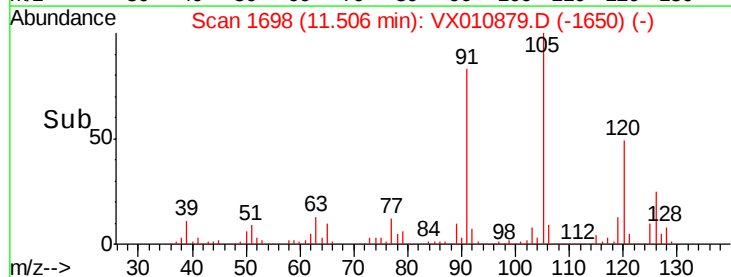
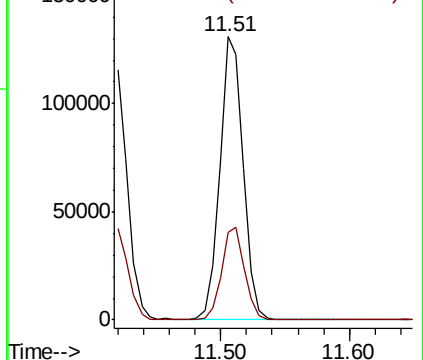
91 100

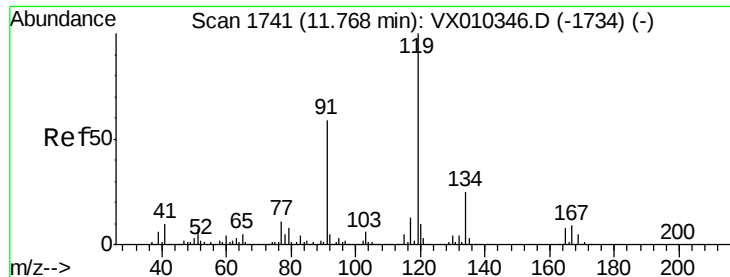
126 32.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.097 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

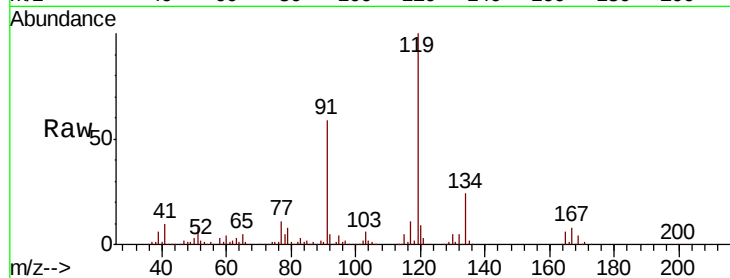
Tot Ion:119 Resp: 182110

Ion Ratio Lower Upper

119 100

91 58.2 27.6 82.7

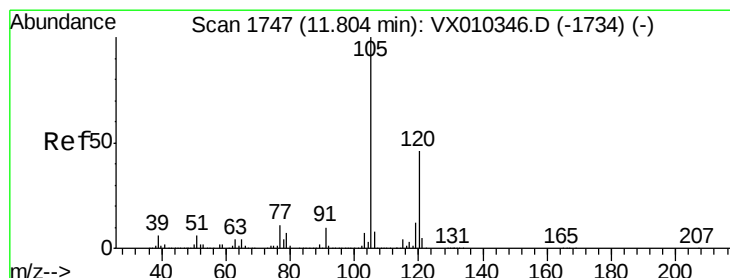
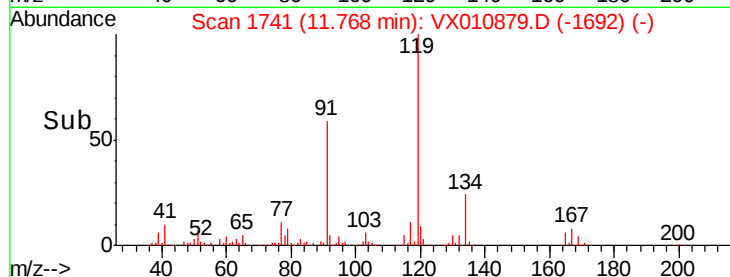
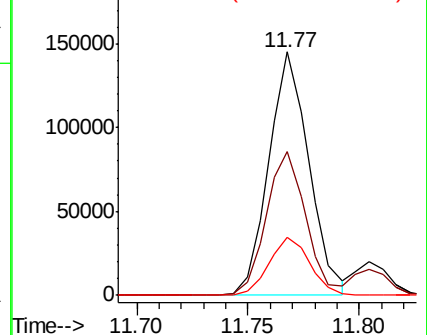
134 24.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.310 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010879.D

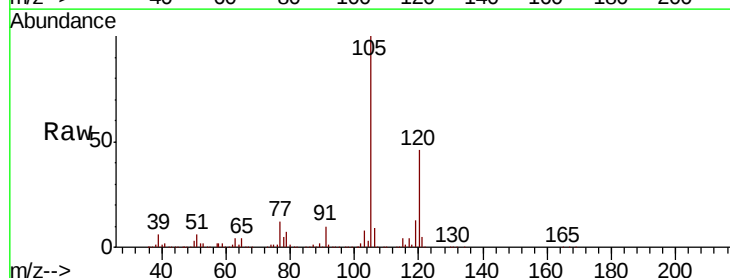
Acq: 15 Jul 2019 13:09

Tgt Ion:105 Resp: 184443

Ion Ratio Lower Upper

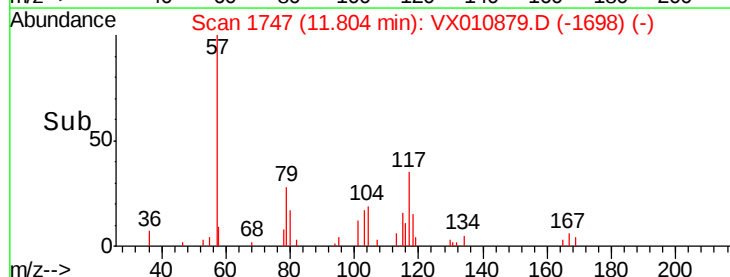
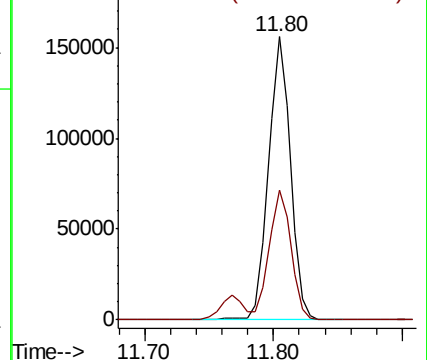
105 100

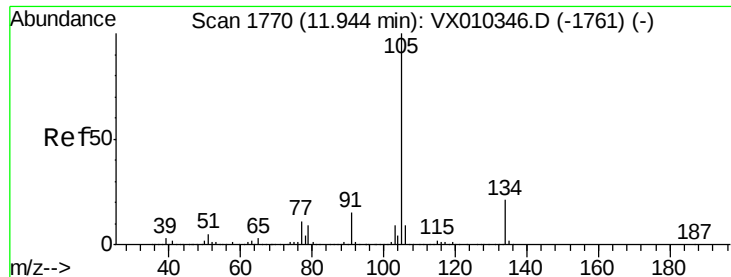
120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.195 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

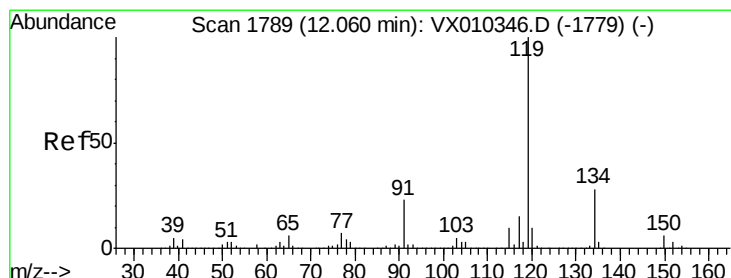
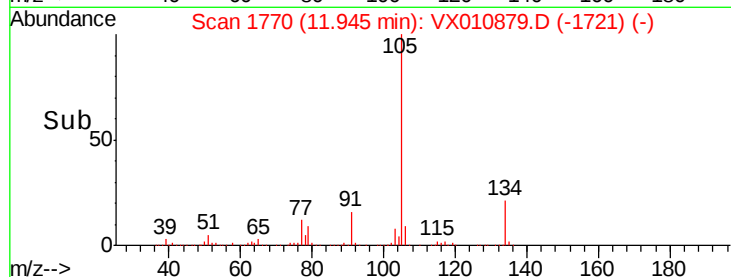
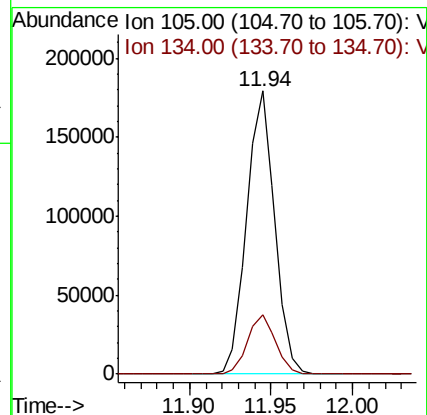
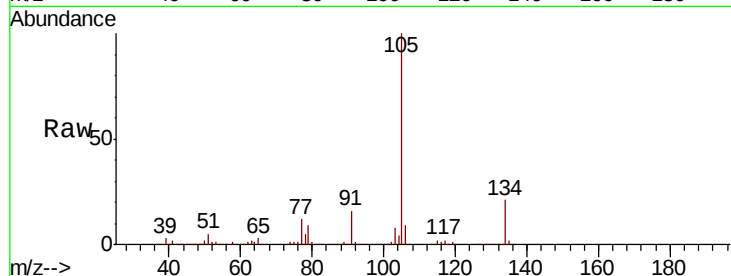
VX0715WBS01

Tot Ion:105 Resp: 214986

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.932 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

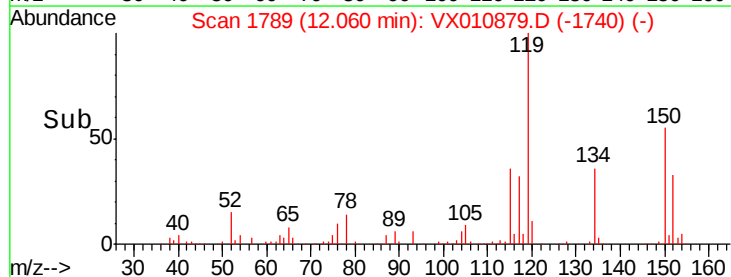
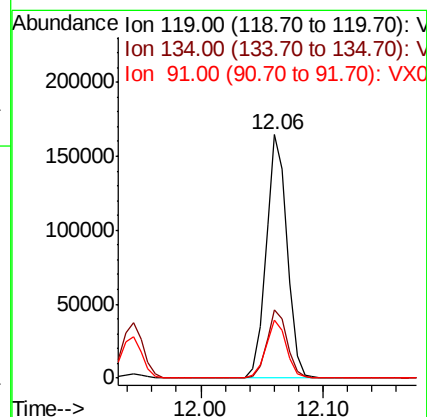
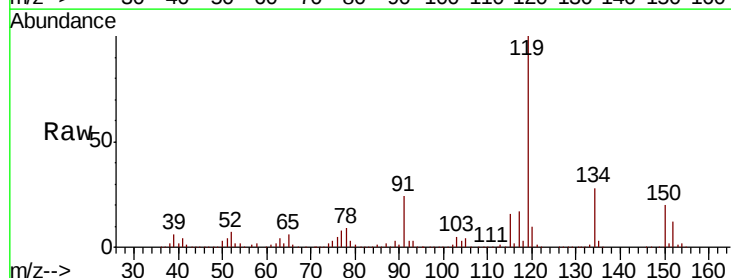
Tgt Ion:119 Resp: 195978

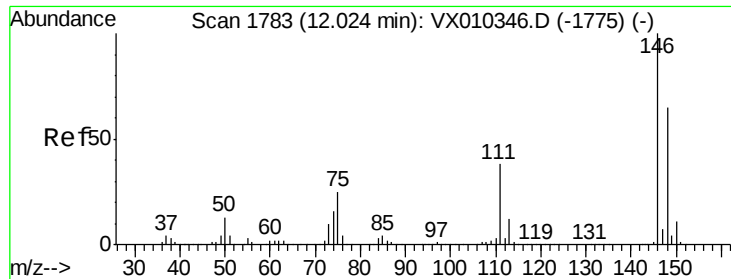
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.8 11.3 33.8

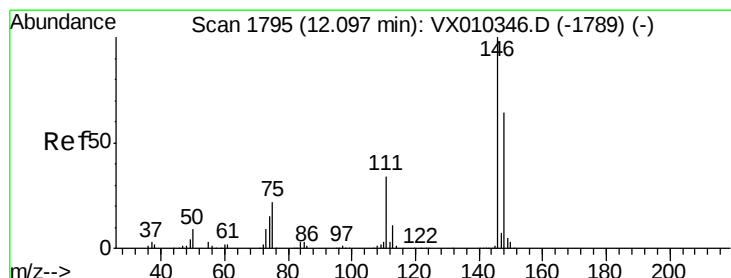
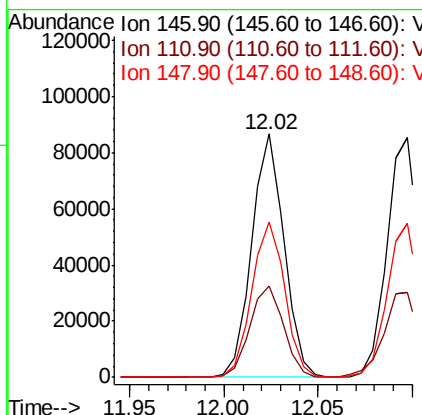
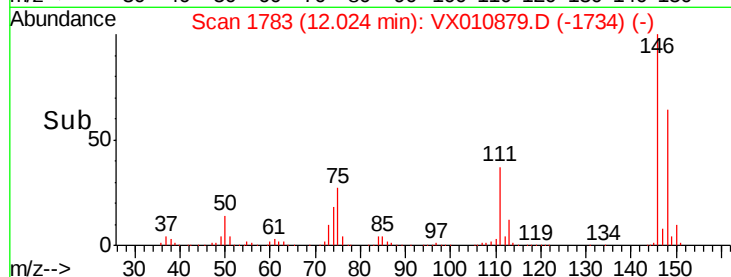
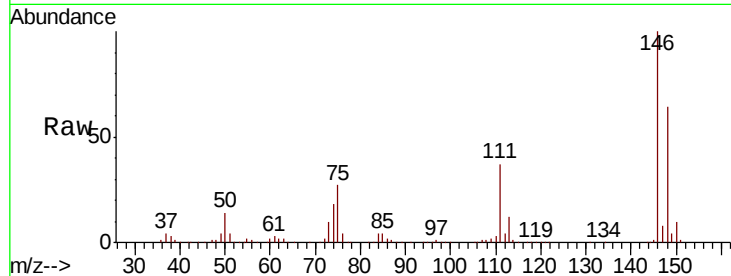




#87
 1,3-Dichlorobenzene
 Concen: 17.400 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

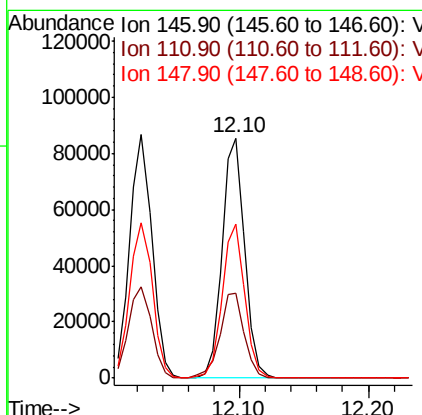
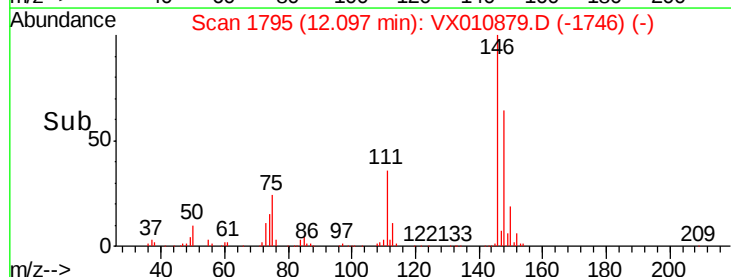
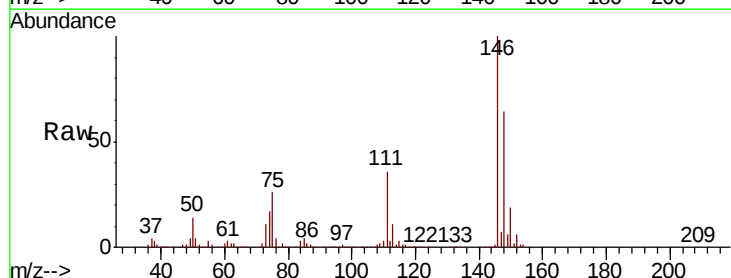
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

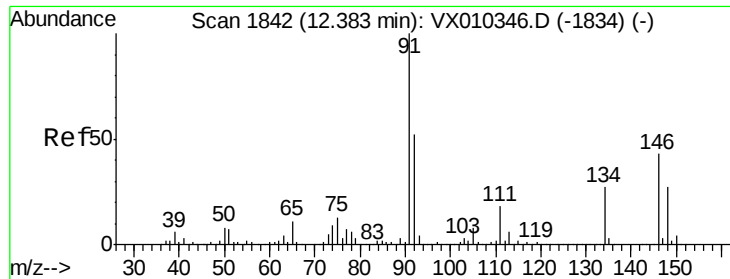
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	65.1	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 17.437 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.3
148	64.2	32.1	96.3

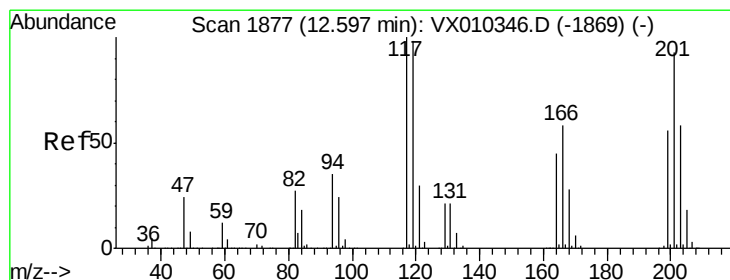
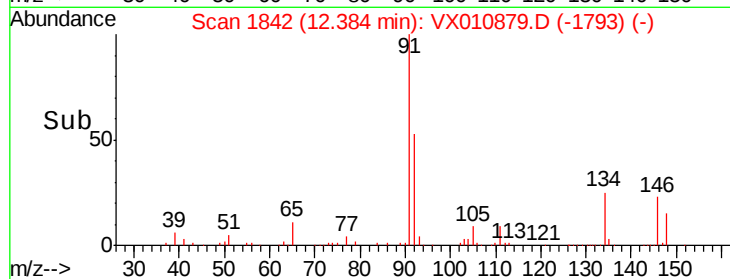
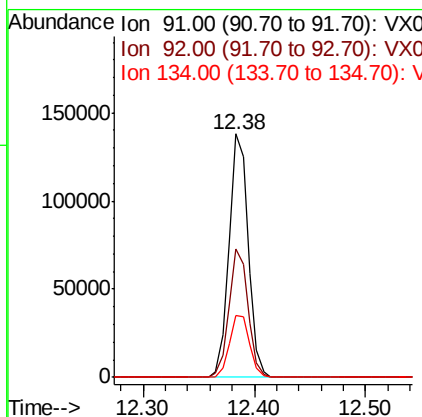
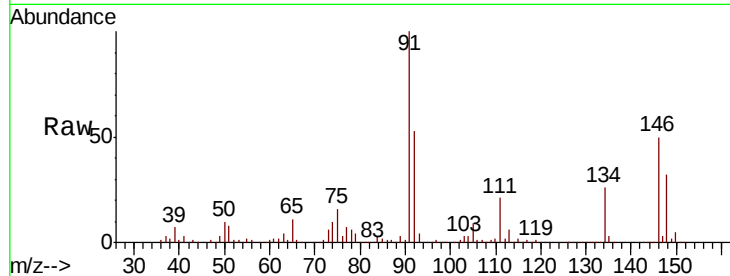




#89
n-Butylbenzene
Concen: 17.686 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

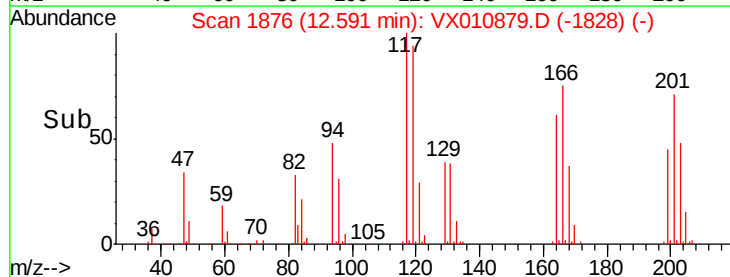
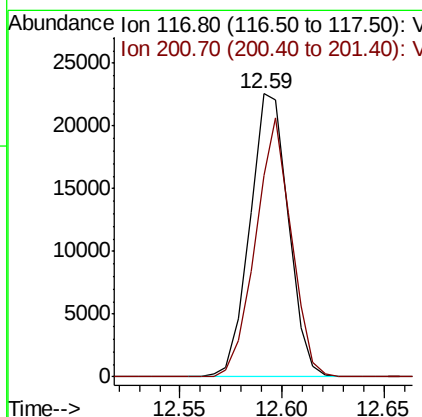
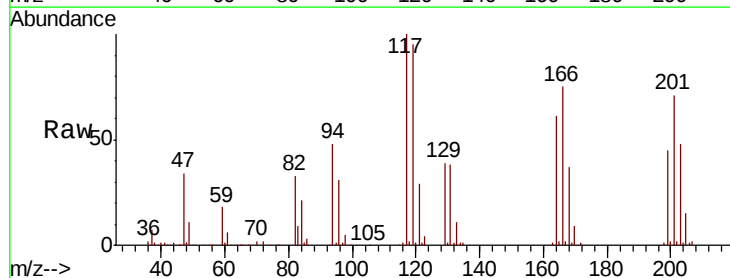
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

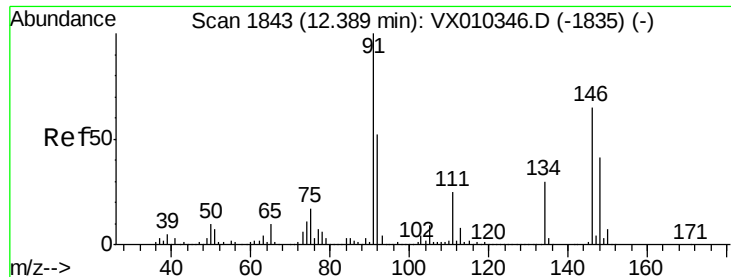
Tot Ion: 91 Resp: 164254
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.1 14.1 42.4



#90
Hexachloroethane
Concen: 15.705 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 117 Resp: 29679
Ion Ratio Lower Upper
117 100
201 84.8 44.0 131.8

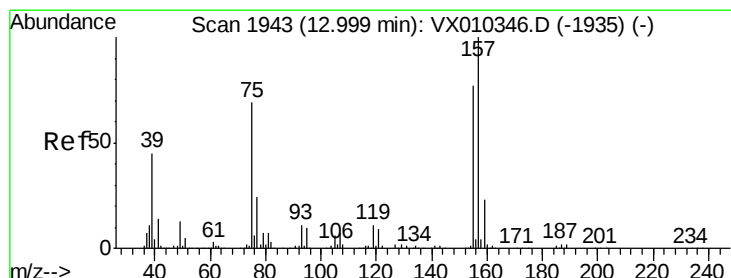
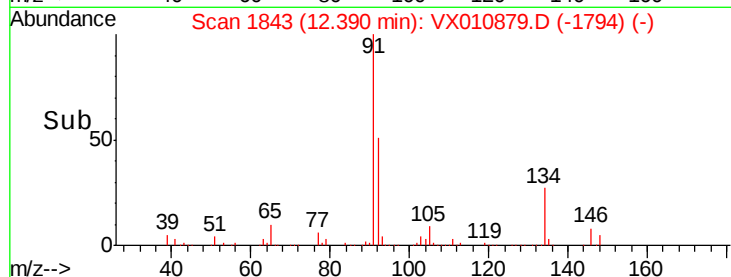
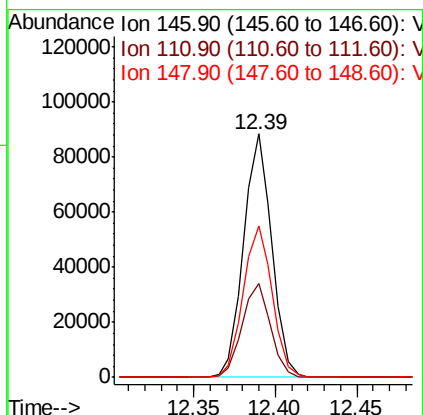
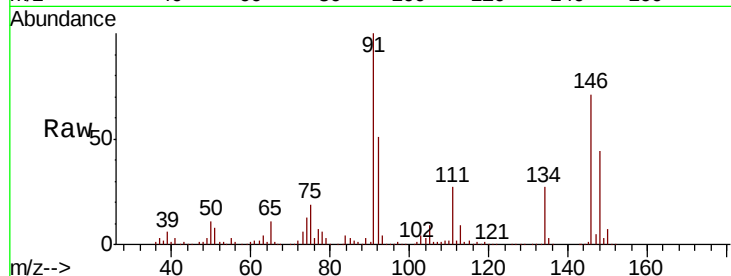




#91
 1,2-Dichlorobenzene
 Concen: 18.120 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

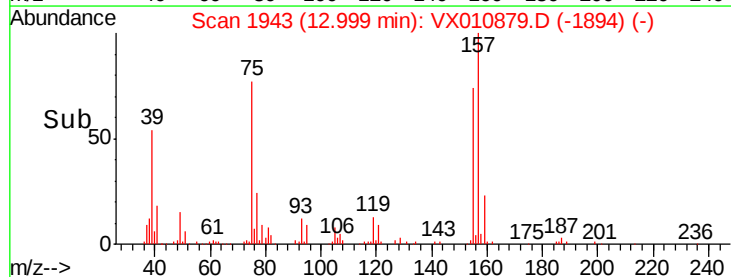
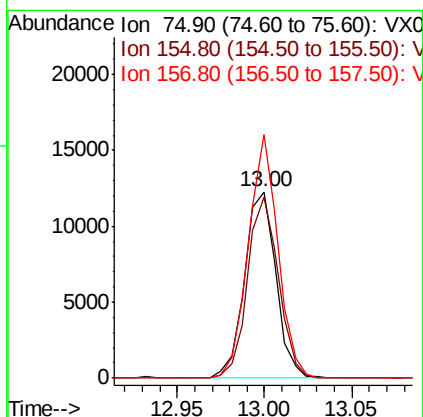
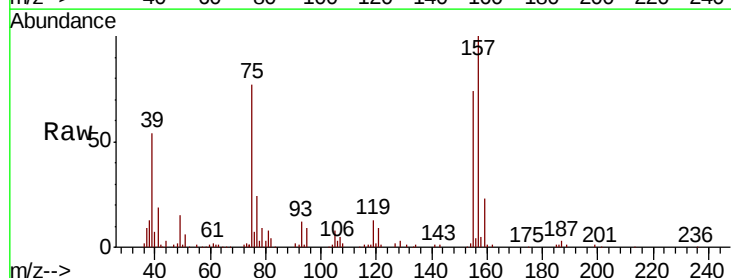
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

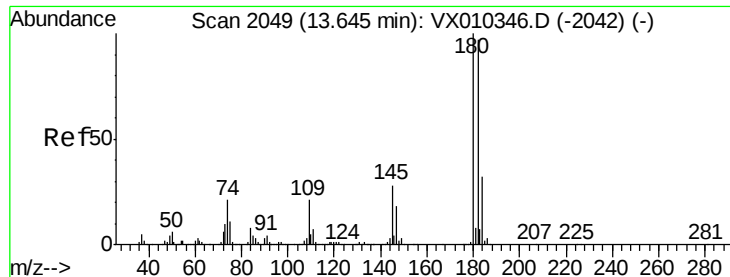
Tot Ion:146 Resp: 106760
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.655 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 75 Resp: 15332
 Ion Ratio Lower Upper
 75 100
 155 95.2 54.4 163.1
 157 122.8 69.5 208.3





#93

1,2,4-Trichlorobenzene

Concen: 17.498 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

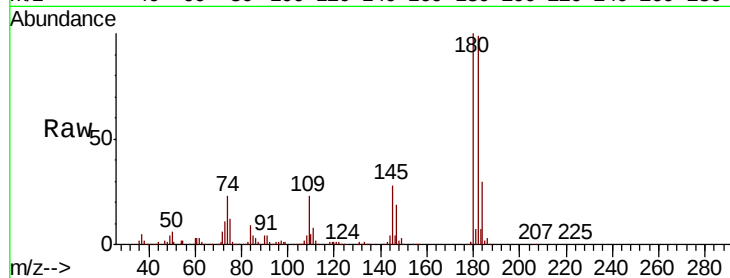
Tot Ion:180 Resp: 71494

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 29.3 14.4 43.4

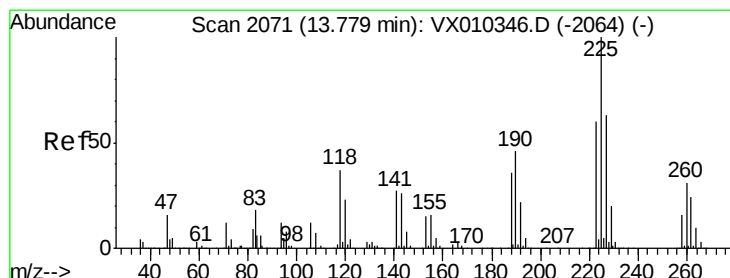
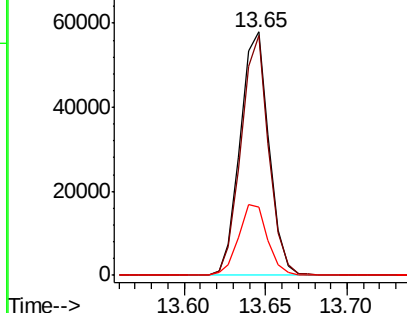
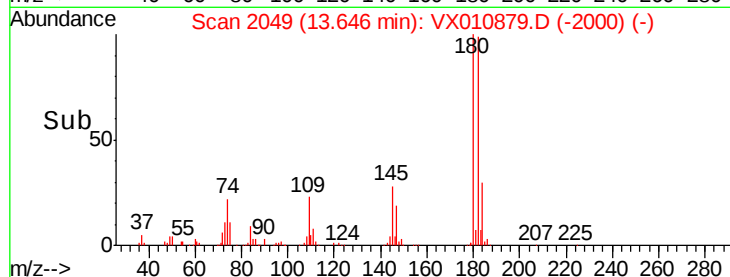


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.120 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

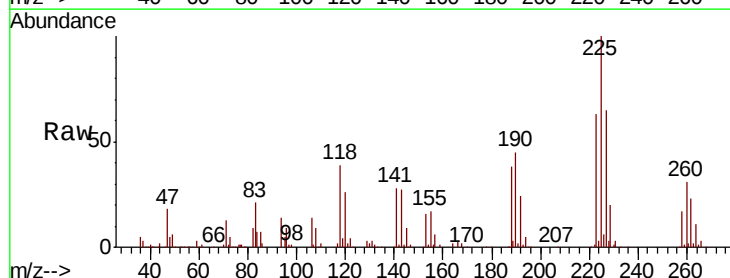
Tgt Ion:225 Resp: 34187

Ion Ratio Lower Upper

225 100

223 63.0 30.9 92.7

227 63.0 31.9 95.5

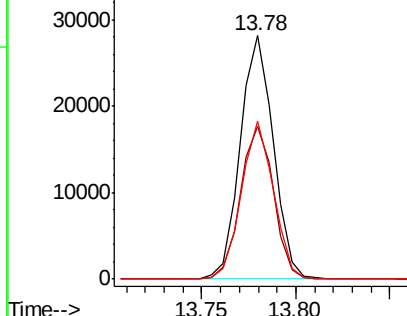
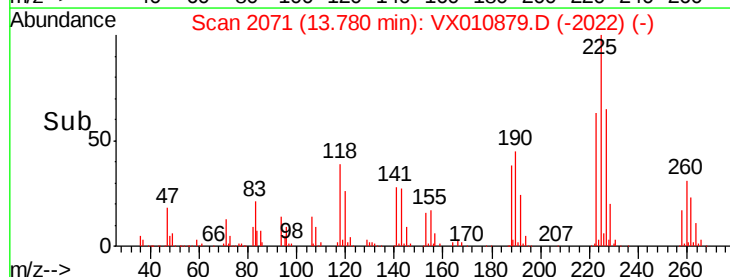


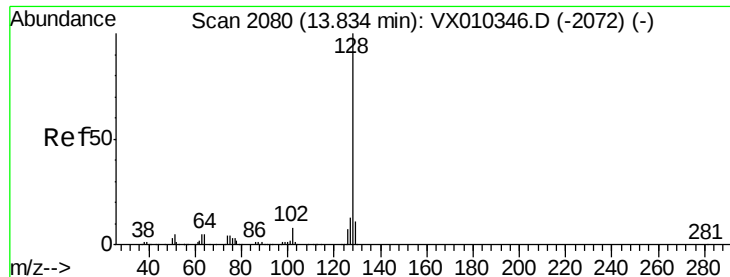
Abundance

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

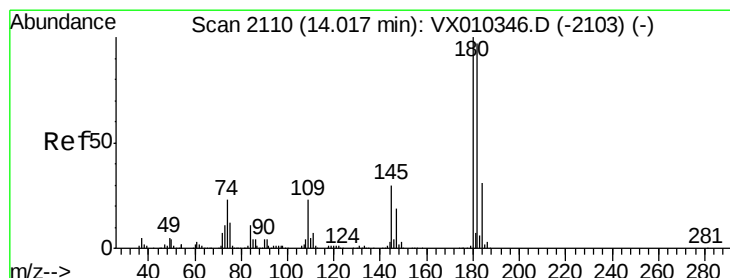
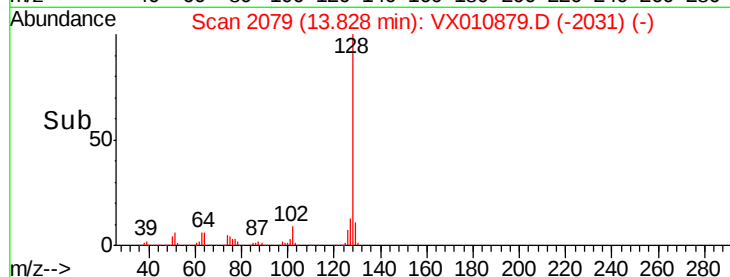
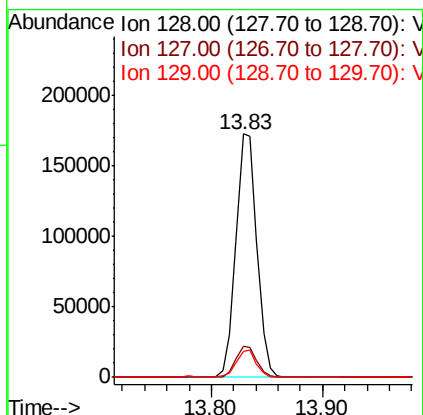
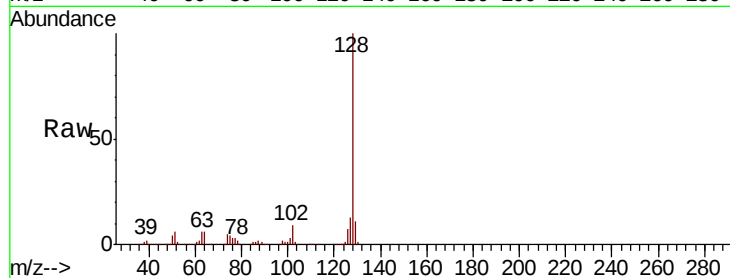




#95
Naphthalene
Concen: 17.942 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion:128 Resp: 225284
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.812 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:180 Resp: 72359
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.3
145 31.7 15.2 45.6

