

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011068.D
 Acq On : 25 Jul 2019 11:22
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 26 01:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107041	67.35	ug/l	0.00
Spiked Amount			Recovery	=	134.70%	
35) Dibromofluoromethane	5.49	113	90904	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	
50) Toluene-d8	8.71	98	317277	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.13	95	122498	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26383	16.926	ug/l	99
3) Chloromethane	1.33	50	32560	23.699	ug/l	99
4) Vinyl Chloride	1.41	62	29481	21.038	ug/l	99
5) Bromomethane	1.64	94	20172	25.544	ug/l	95
6) Chloroethane	1.72	64	21452	24.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	46305	19.520	ug/l	96
8) Diethyl Ether	2.19	74	21873	26.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23819	17.586	ug/l	99
10) Methyl Iodide	2.51	142	36957	20.793	ug/l	100
11) Tert butyl alcohol	3.04	59	53088	143.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27900	20.966	ug/l	96
13) Acrolein	2.29	56	20279	94.823	ug/l	98
14) Allyl chloride	2.73	41	47512	24.580	ug/l	100
15) Acrylonitrile	3.14	53	105288	140.766	ug/l	99
16) Acetone	2.45	43	90909	126.642	ug/l	96
17) Carbon Disulfide	2.57	76	61182	17.923	ug/l	100
18) Methyl Acetate	2.78	43	50259	30.748	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	119736	27.950	ug/l	98
20) Methylene Chloride	2.85	84	38896	25.568	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31854	22.560	ug/l	99
22) Diisopropyl ether	3.85	45	111171	27.270	ug/l	99
23) Vinyl Acetate	3.81	43	483595	140.002	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59694	25.213	ug/l	98
25) 2-Butanone	4.67	43	143207	138.974	ug/l	97
26) 2,2-Dichloropropane	4.59	77	41812	21.508	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	42100	25.763	ug/l	95
28) Bromochloromethane	5.02	49	29492	26.434	ug/l	97
29) Tetrahydrofuran	5.13	42	91141	139.630	ug/l	100
30) Chloroform	5.21	83	66275	25.898	ug/l	98
31) Cyclohexane	5.57	56	36838	17.070	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	50685	22.893	ug/l	99
36) 1,1-Dichloropropene	5.80	75	38580	18.270	ug/l	100
37) Ethyl Acetate	4.83	43	53108	24.561	ug/l	97
38) Carbon Tetrachloride	5.79	117	40498	18.405	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011068.D
 Acq On : 25 Jul 2019 11:22
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 26 01:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37976	13.868	ug/l	98
40) Benzene	6.14	78	139601	21.582	ug/l	98
41) Methacrylonitrile	5.04	41	27790	22.640	ug/l	97
42) 1,2-Dichloroethane	6.19	62	54207	24.102	ug/l	100
43) Isopropyl Acetate	6.45	43	84783	23.846	ug/l	100
44) Trichloroethene	7.21	130	38322	20.015	ug/l	96
45) 1,2-Dichloropropane	7.51	63	36880	22.401	ug/l	100
46) Dibromomethane	7.66	93	27789	23.622	ug/l	99
47) Bromodichloromethane	7.90	83	48922	23.362	ug/l	95
48) Methyl methacrylate	7.77	41	42382	24.470	ug/l	96
49) 1,4-Dioxane	7.74	88	23699	489.159	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	289159	125.462	ug/l	100
52) Toluene	8.78	92	90552	21.310	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51686	22.954	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	56411	22.514	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42183	24.110	ug/l	99
56) Ethyl methacrylate	9.18	69	62867	24.564	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66498	23.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	148910	121.888	ug/l	100
59) 2-Hexanone	9.49	43	224454	125.562	ug/l	100
60) Dibromochloromethane	9.58	129	42151	22.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45091	24.284	ug/l	99
64) Tetrachloroethene	9.34	164	35153	18.092	ug/l	96
65) Chlorobenzene	10.13	112	104608	20.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38882	21.808	ug/l	99
67) Ethyl Benzene	10.25	91	168713	19.539	ug/l	98
68) m/p-Xylenes	10.36	106	131602	39.732	ug/l	97
69) o-Xylene	10.69	106	66652	20.619	ug/l	99
70) Styrene	10.71	104	113482	21.059	ug/l	99
71) Bromoform	10.85	173	30238	20.226	ug/l #	96
73) Isopropylbenzene	11.02	105	163384	19.422	ug/l	99
74) N-amyl acetate	10.90	43	75225	23.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65991	23.970	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69420	30.899	ug/l	84
77) Bromobenzene	11.26	156	50135	21.606	ug/l	97
78) n-propylbenzene	11.36	91	175719	18.905	ug/l	100
79) 2-Chlorotoluene	11.42	91	116688	20.898	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141427	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16940	21.562	ug/l	89
82) 4-Chlorotoluene	11.51	91	133705	20.573	ug/l	100
83) tert-Butylbenzene	11.77	119	133370	19.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145335	20.513	ug/l	99
85) sec-Butylbenzene	11.94	105	145231	17.951	ug/l	99
86) p-Isopropyltoluene	12.06	119	138479	18.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83688	20.782	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84766	20.524	ug/l	97
89) n-Butylbenzene	12.38	91	109550	17.120	ug/l	100
90) Hexachloroethane	12.59	117	21580	18.292	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	87536	21.933	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13680	23.772	ug/l	97

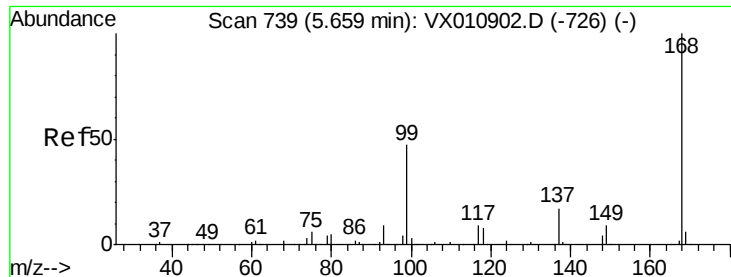
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
Data File : VX011068.D
Acq On : 25 Jul 2019 11:22
Operator : JC/SP
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Quant Time: Jul 26 01:23:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53701	19.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	20810	15.526	ug/l	96
95) Naphthalene	13.83	128	173360	21.705	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55721	20.705	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

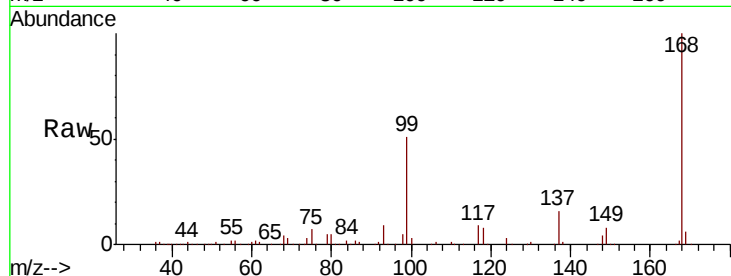
VX0725WBS01

Tot Ion:168 Resp: 149400

Ion Ratio Lower Upper

168 100

99 50.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

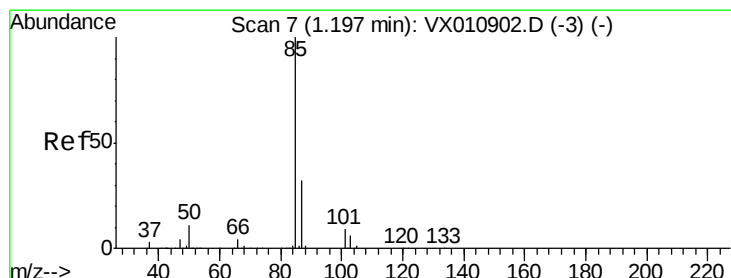
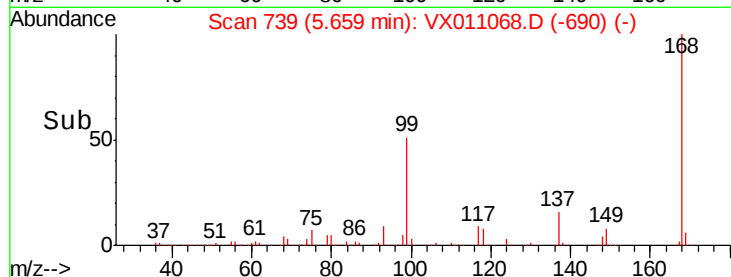
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.926 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011068.D

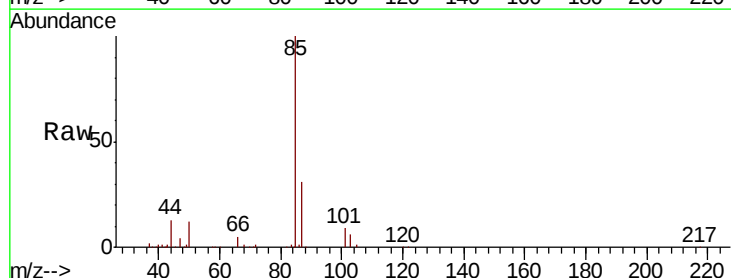
Acq: 25 Jul 2019 11:22

Tgt Ion: 85 Resp: 26383

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

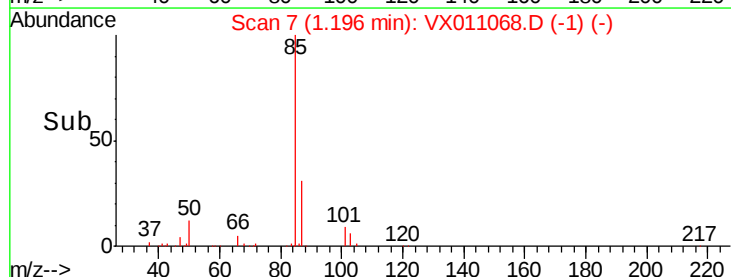
15000

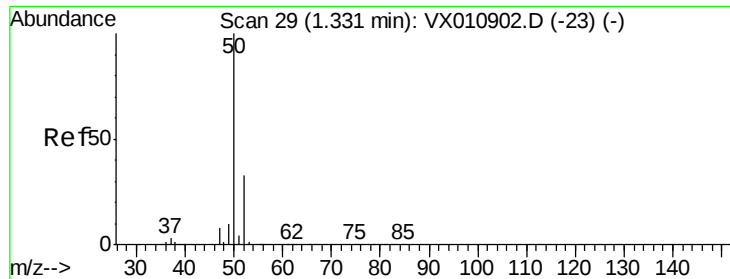
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 23.699 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

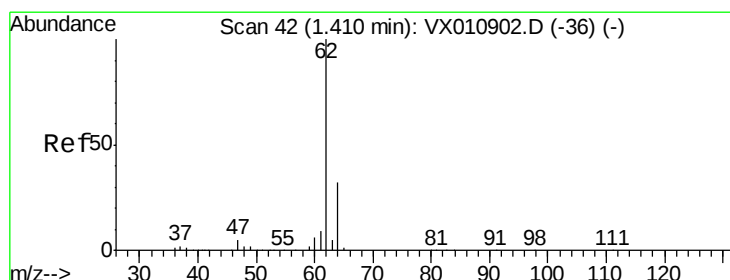
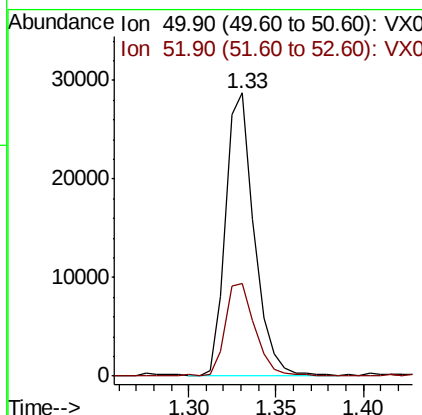
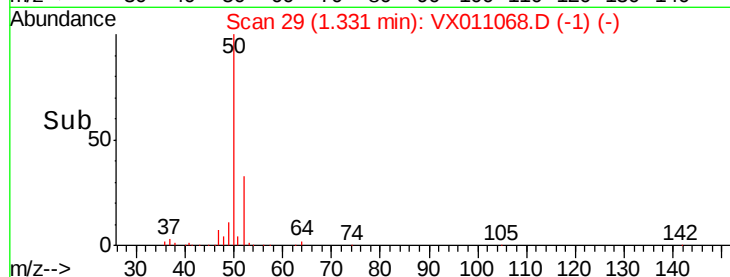
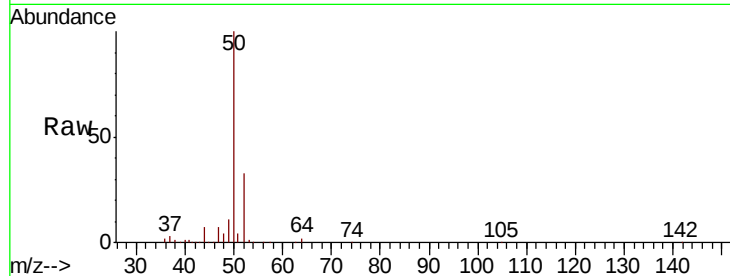
VX0725WBS01

Tot Ion: 50 Resp: 32560

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6



#4

Vinyl Chloride

Concen: 21.038 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011068.D

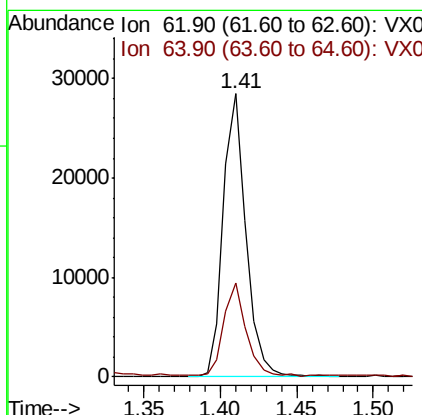
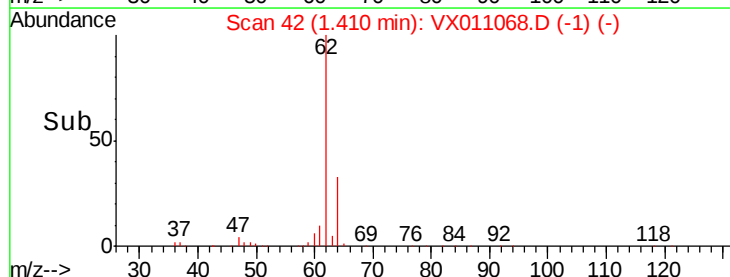
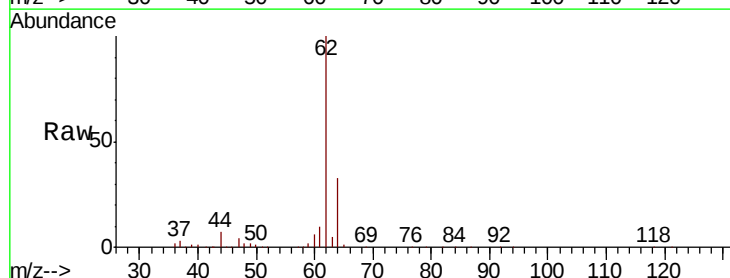
Acq: 25 Jul 2019 11:22

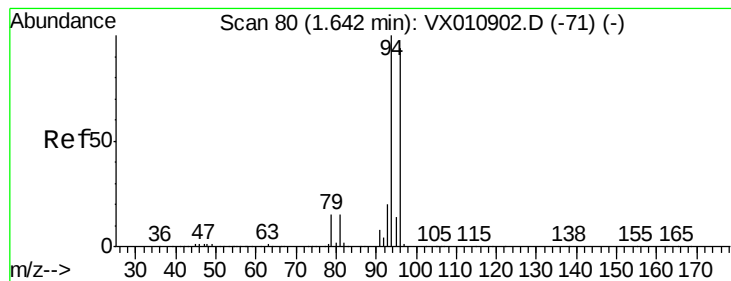
Tgt Ion: 62 Resp: 29481

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 25.544 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

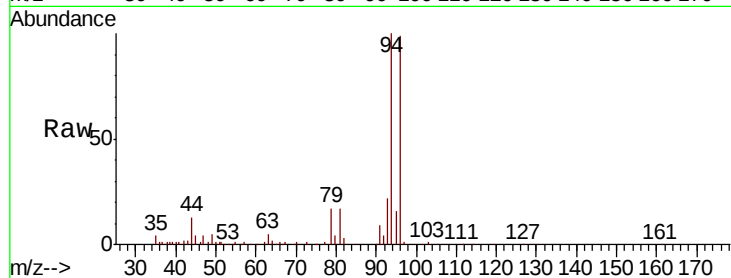
VX0725WBS01

Tot Ion: 94 Resp: 20172

Ion Ratio Lower Upper

94 100

96 99.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

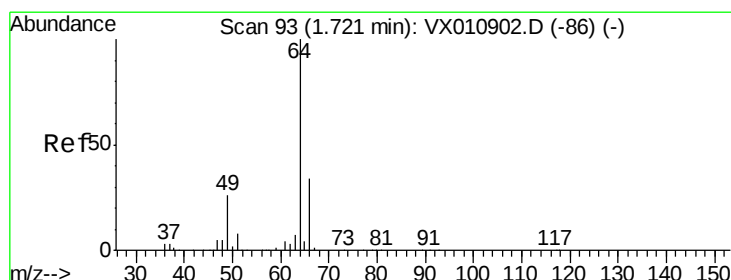
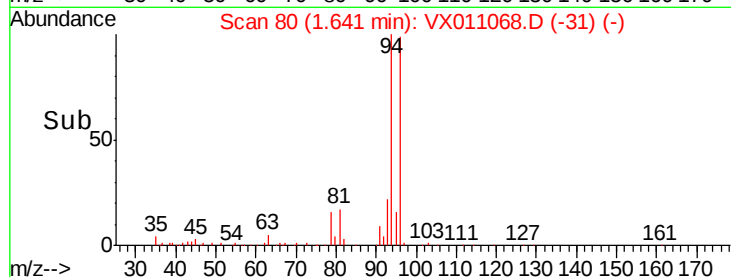
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 24.089 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011068.D

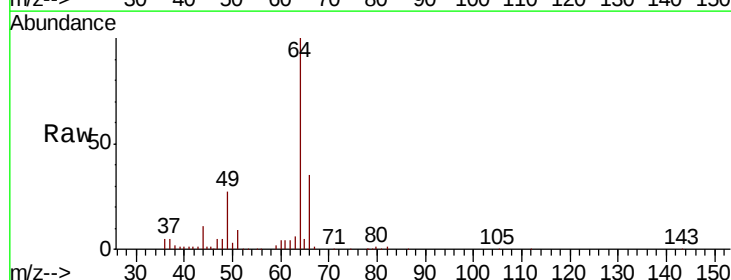
Acq: 25 Jul 2019 11:22

Tgt Ion: 64 Resp: 21452

Ion Ratio Lower Upper

64 100

66 34.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

15000

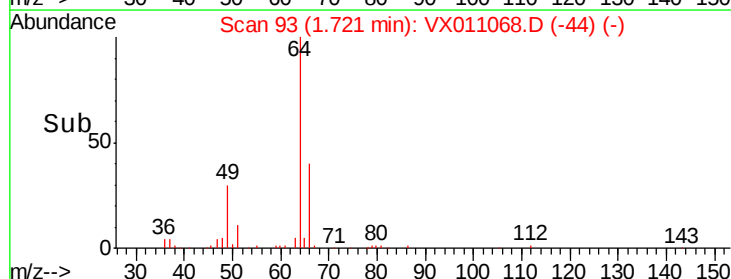
10000

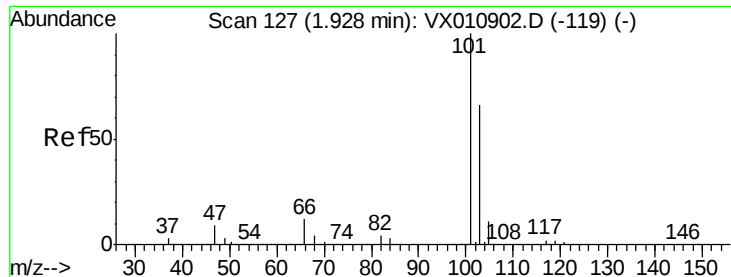
5000

0

Time-->

1.60 1.65 1.70 1.75 1.80



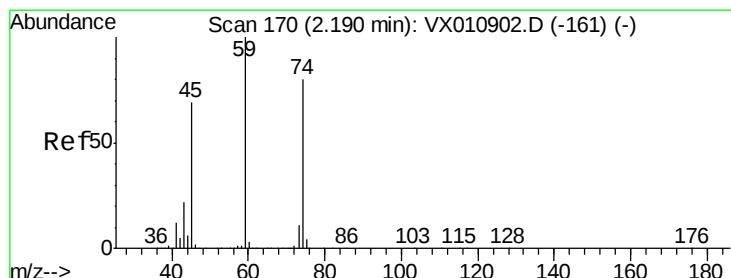
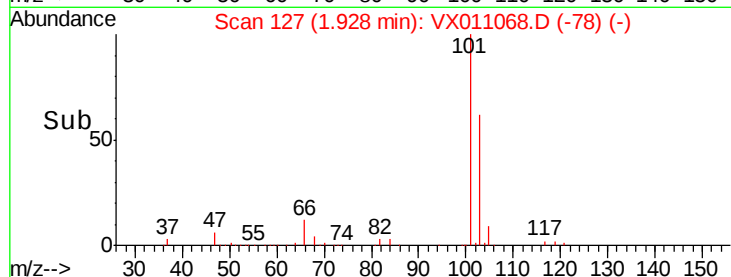
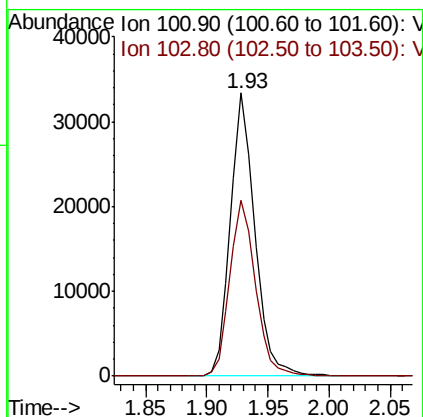
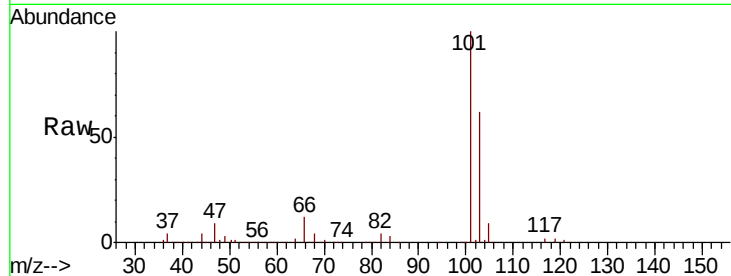


#7

Trichlorofluoromethane
 Concen: 19.520 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

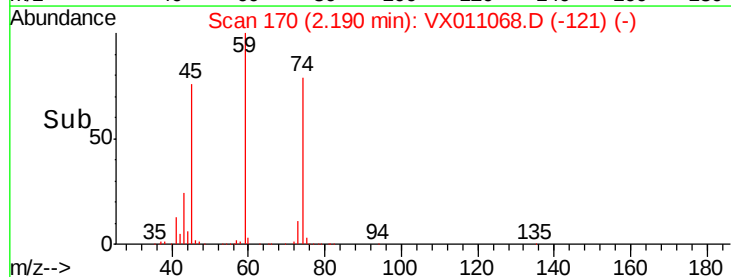
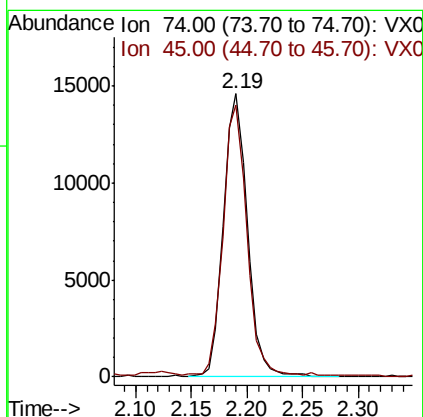
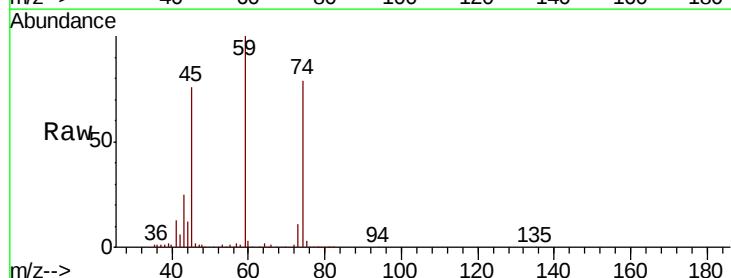
Tot Ion:101 Resp: 46305
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.6 78.8



#8

Diethyl Ether
 Concen: 26.762 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 74 Resp: 21873
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.586 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

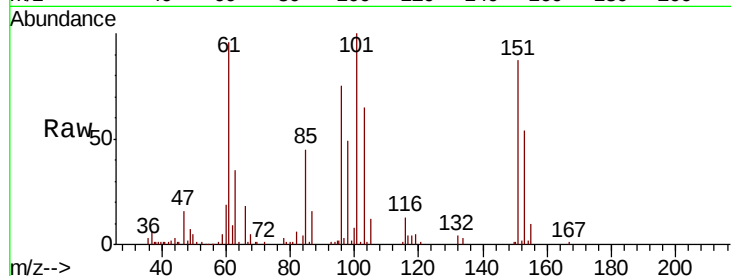
Tot Ion:101 Resp: 23819

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

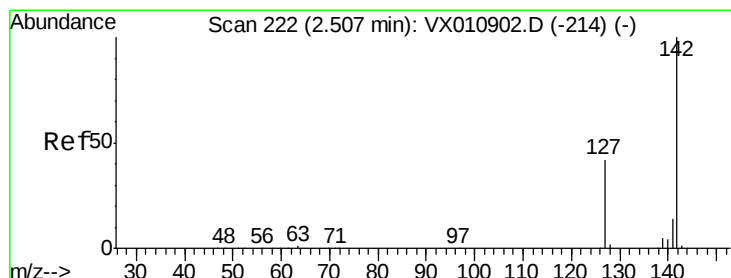
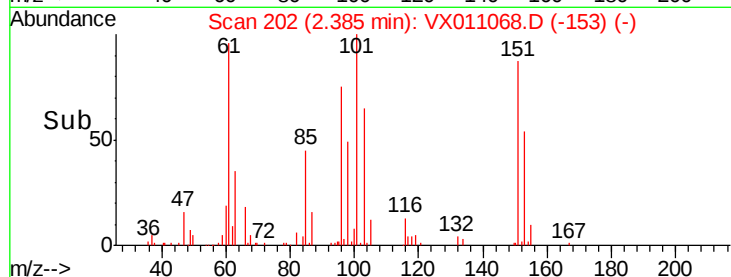
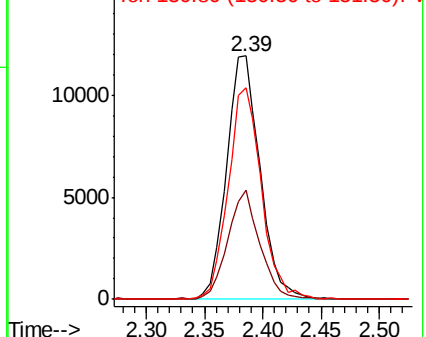
151 86.1 69.6 104.4



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: 20.793 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

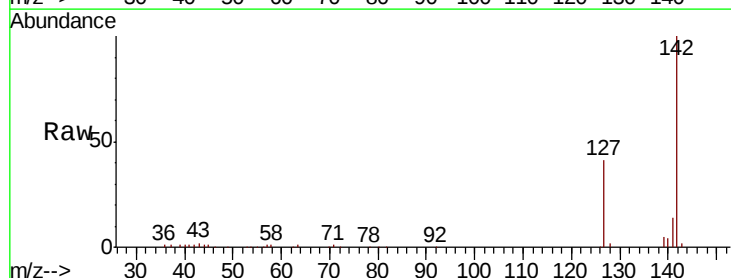
Tgt Ion:142 Resp: 36957

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.4

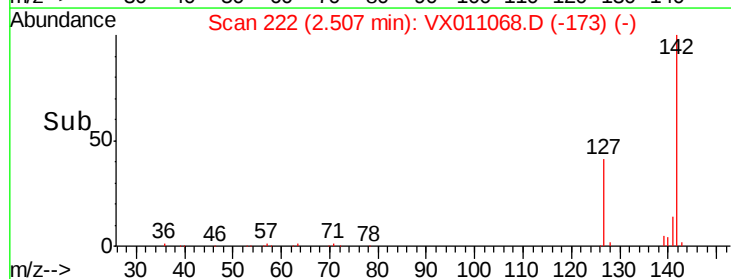
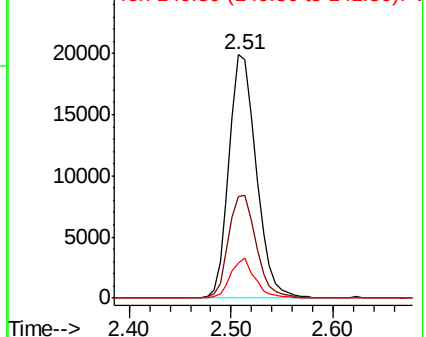
141 14.5 11.7 17.5



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

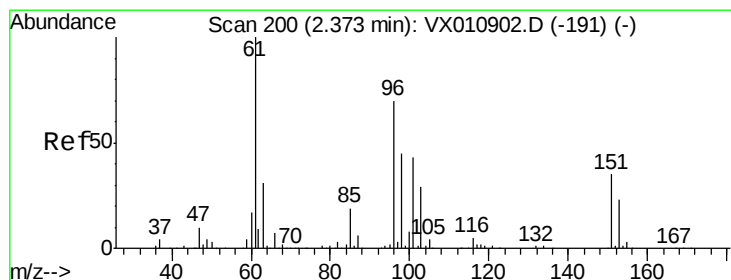
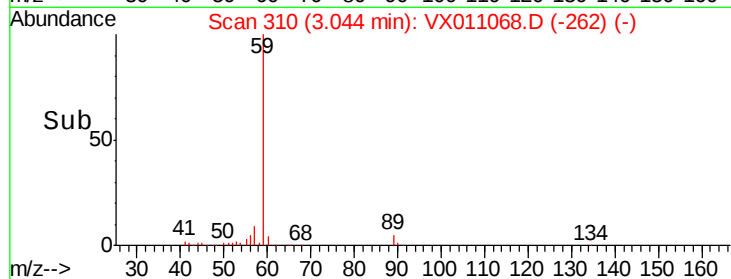
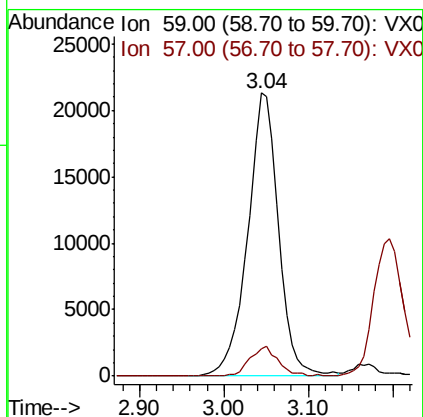
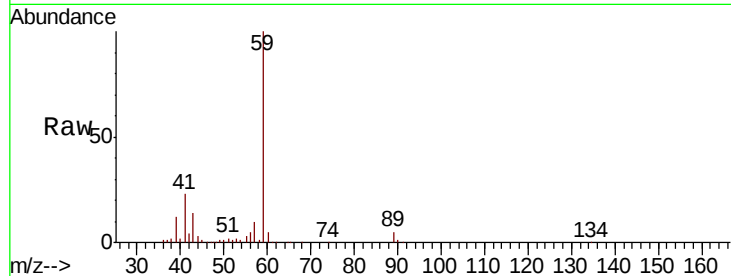




#11
Tert butyl alcohol
Concen: 143.421 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

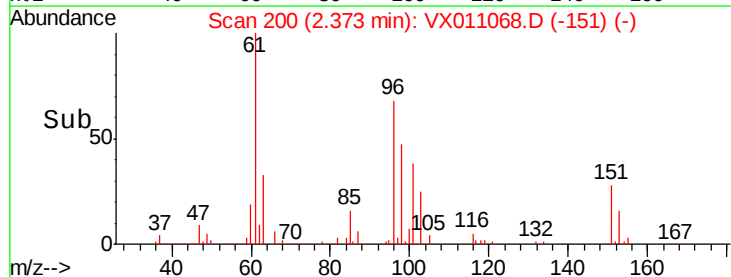
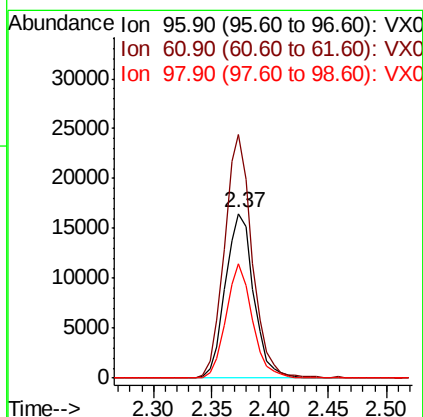
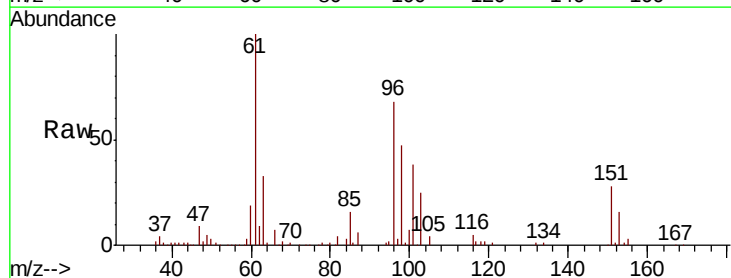
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

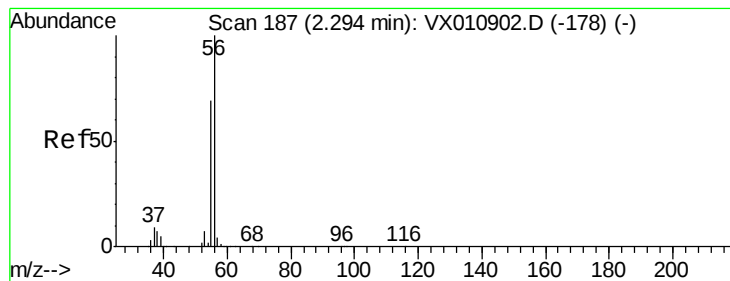
Tot Ion: 59 Resp: 53088
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9



#12
1,1-Dichloroethene
Concen: 20.966 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 96 Resp: 27900
Ion Ratio Lower Upper
96 100
61 147.8 115.0 172.4
98 69.4 52.2 78.2





#13

Acrolein

Concen: 94.823 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

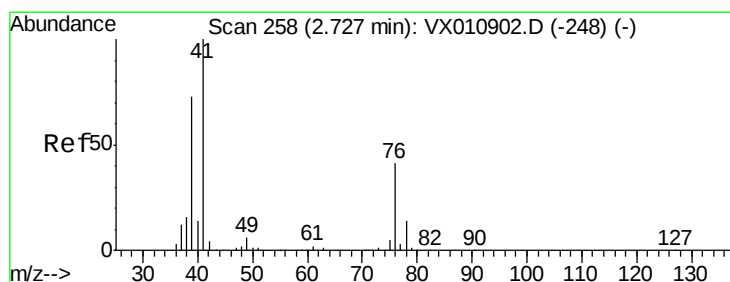
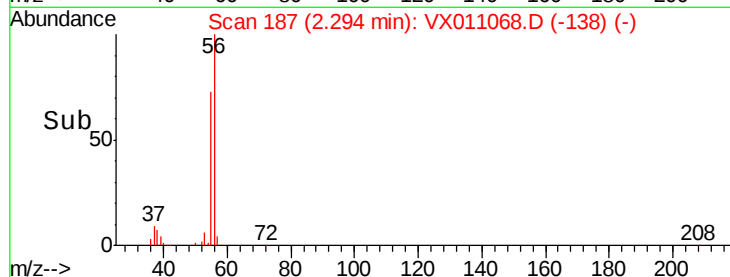
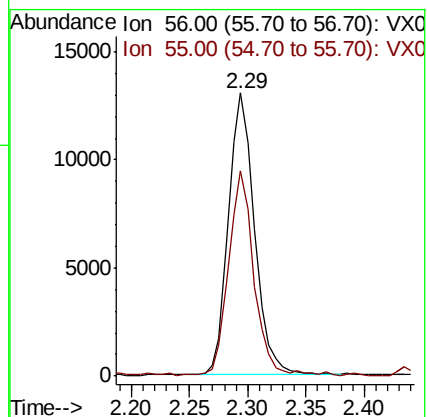
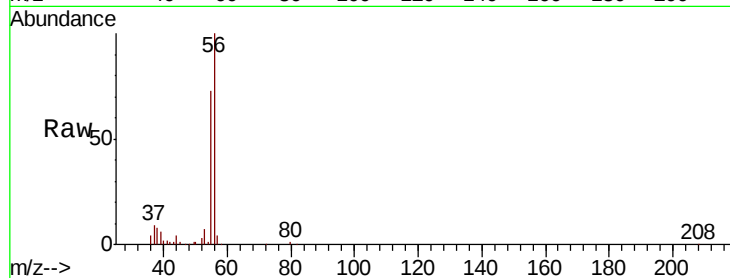
VX0725WBS01

Tot Ion: 56 Resp: 20279

Ion Ratio Lower Upper

56 100

55 71.7 55.9 83.9



#14

Allyl chloride

Concen: 24.580 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

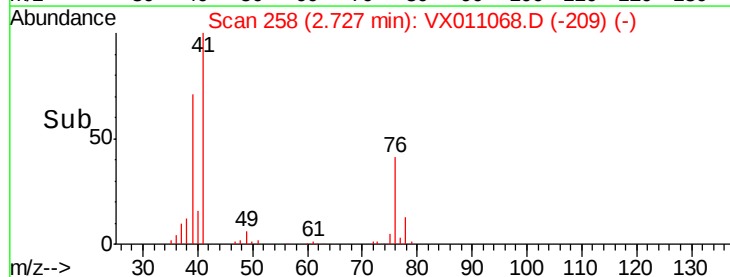
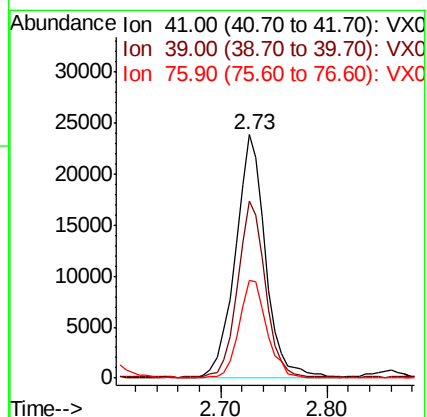
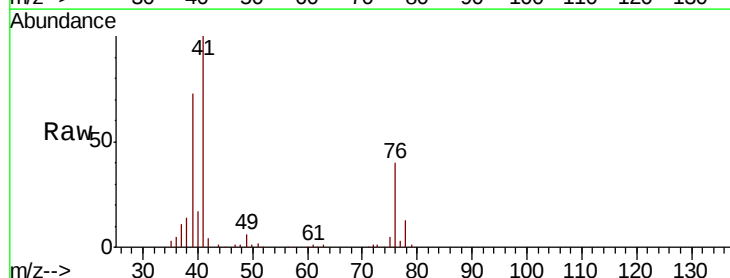
Tgt Ion: 41 Resp: 47512

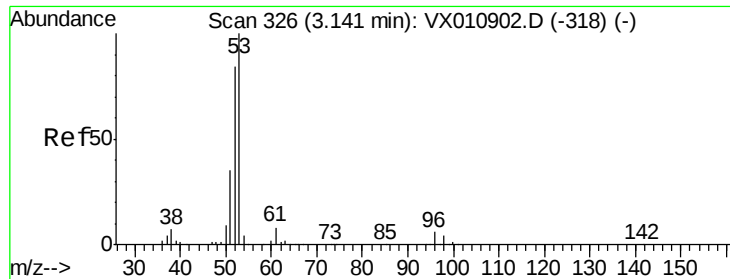
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 140.766 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

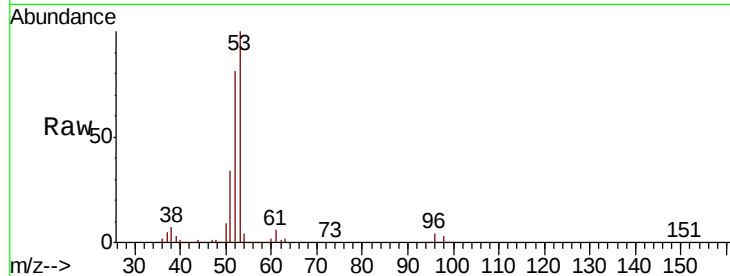
Tot Ion: 53 Resp: 105288

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

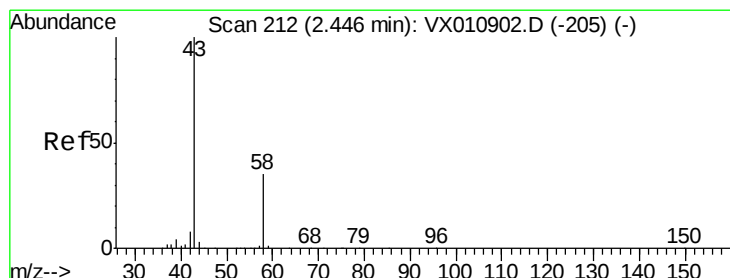
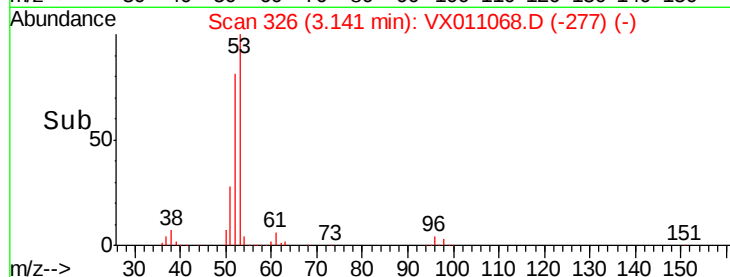
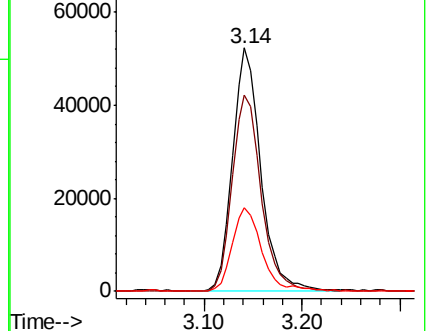
51 36.0 28.2 42.4



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: 126.642 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011068.D

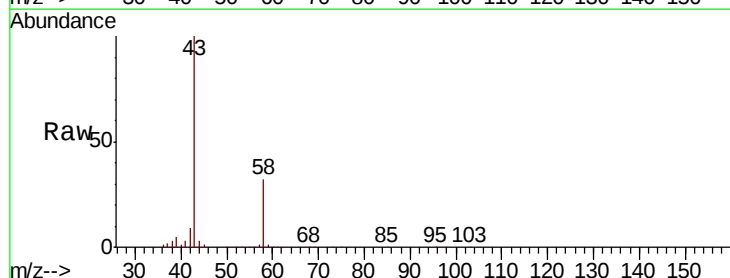
Acq: 25 Jul 2019 11:22

Tgt Ion: 43 Resp: 90909

Ion Ratio Lower Upper

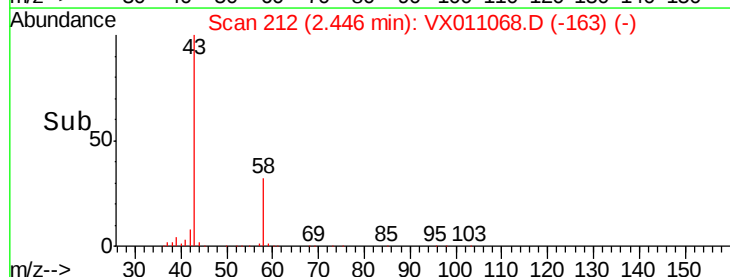
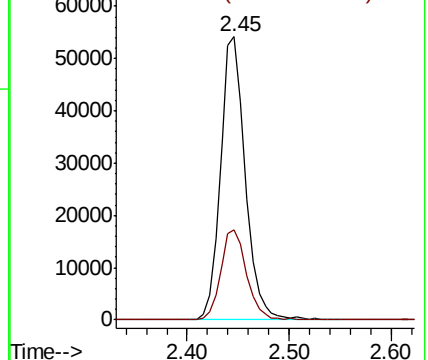
43 100

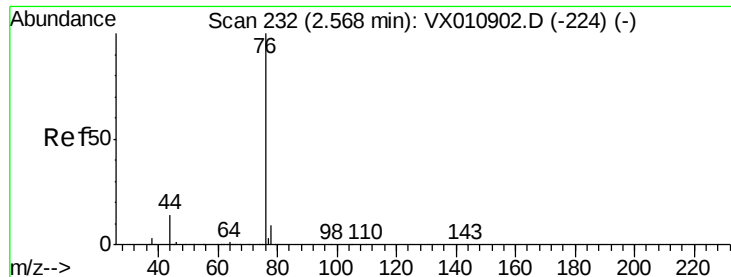
58 32.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

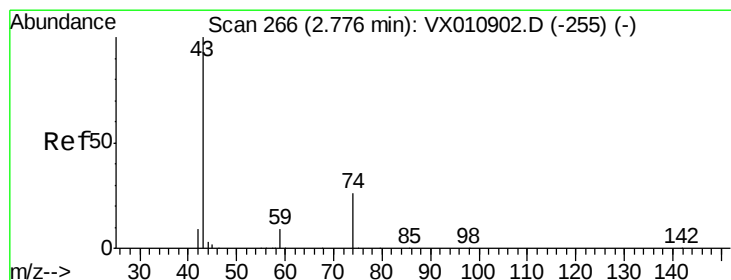
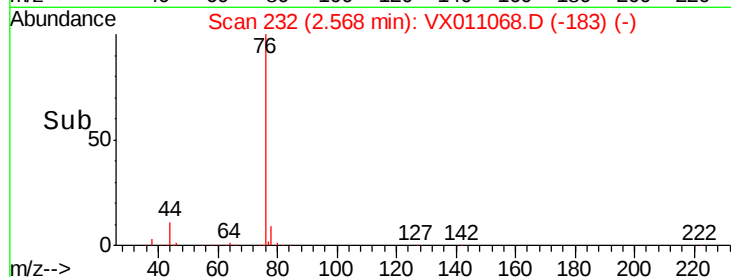
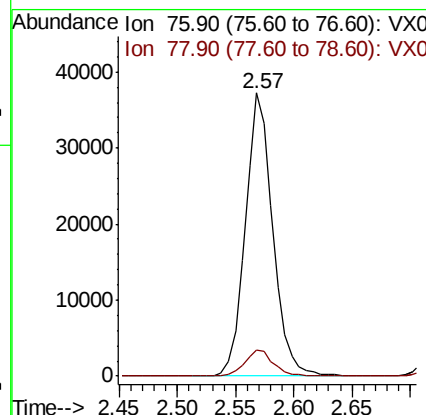
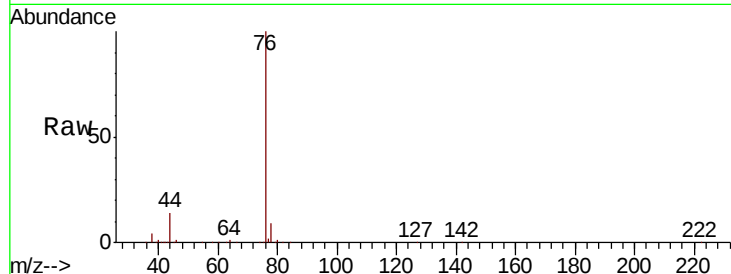




#17
Carbon Disulfide
Concen: 17.923 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

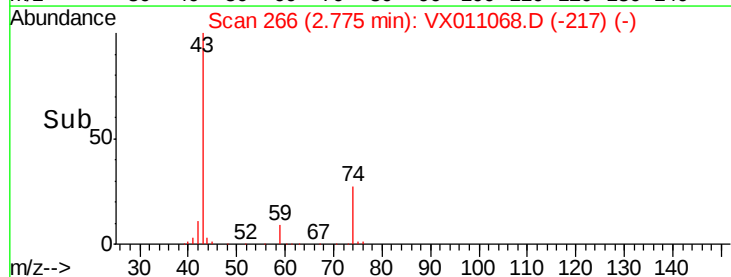
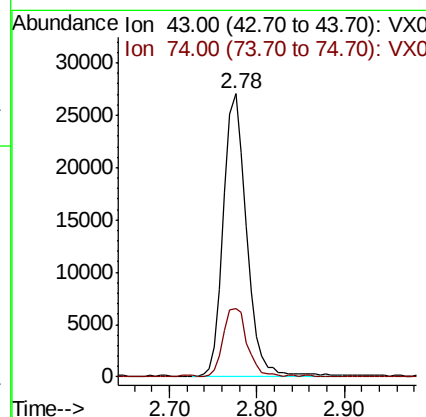
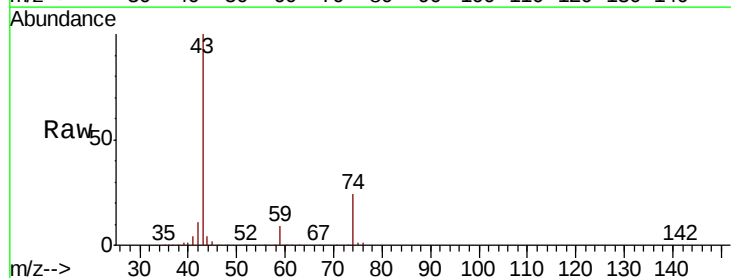
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

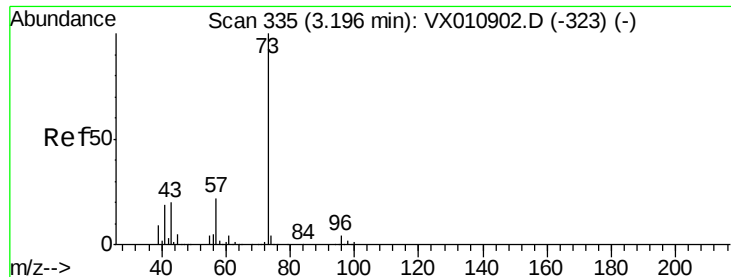
Tot Ion: 76 Resp: 61182
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 30.748 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 43 Resp: 50259
Ion Ratio Lower Upper
43 100
74 24.2 21.5 32.3

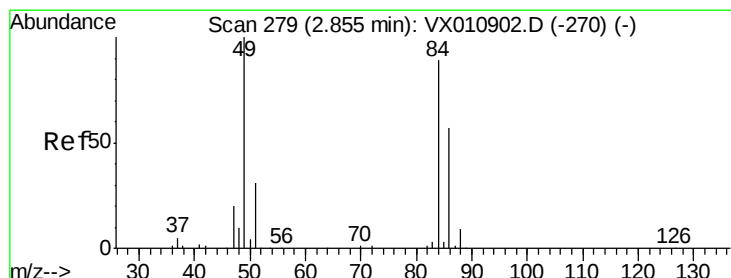
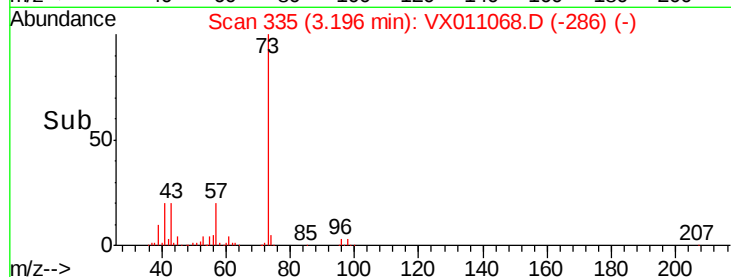
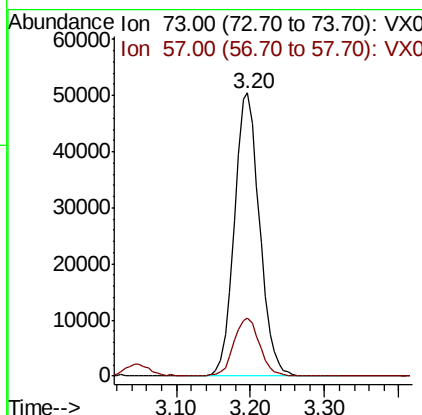
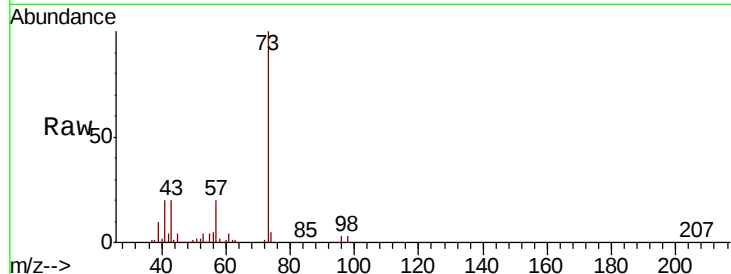




#19
Methyl tert-butyl Ether
Concen: 27.950 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

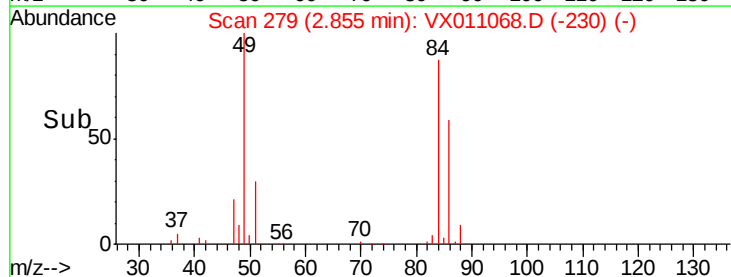
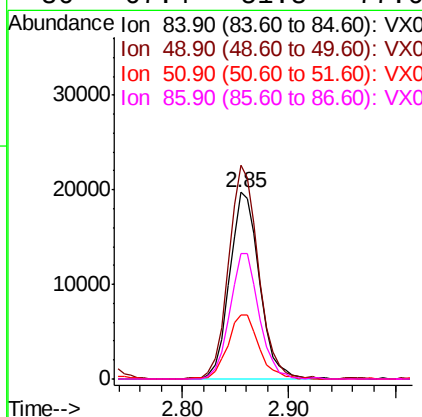
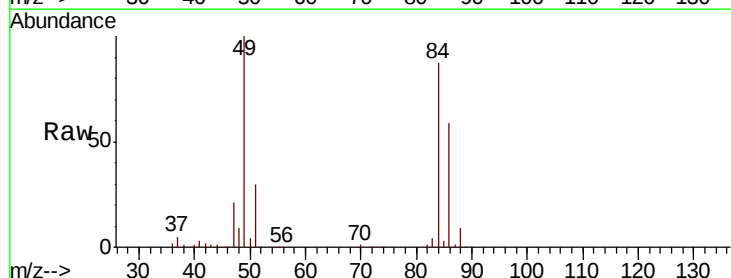
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

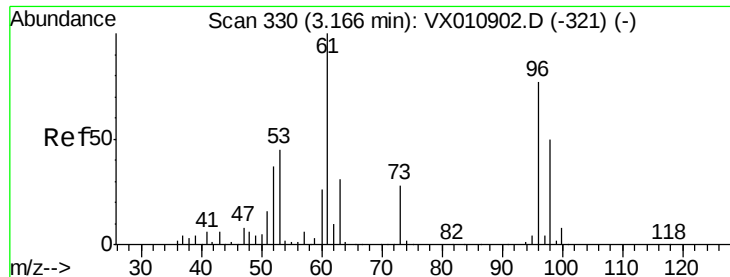
Tot Ion: 73 Resp: 119736
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 25.568 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 84 Resp: 38896
Ion Ratio Lower Upper
84 100
49 114.0 89.9 134.9
51 34.2 27.8 41.6
86 67.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 22.560 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

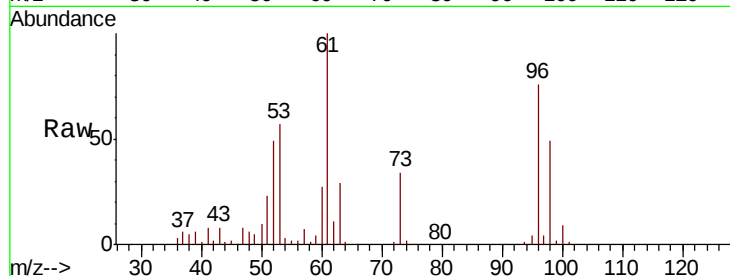
Tot Ion: 96 Resp: 31854

Ion Ratio Lower Upper

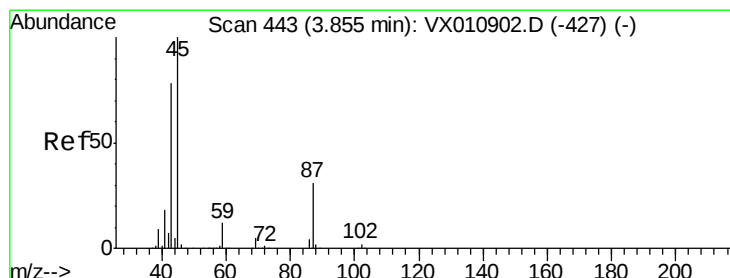
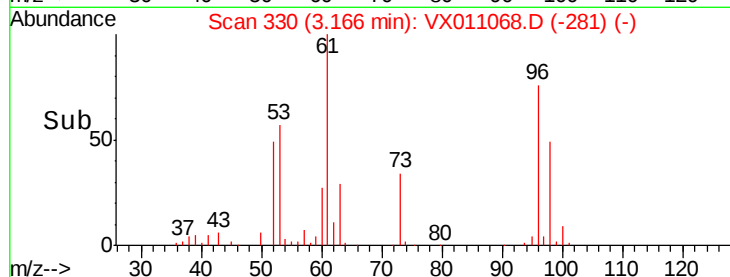
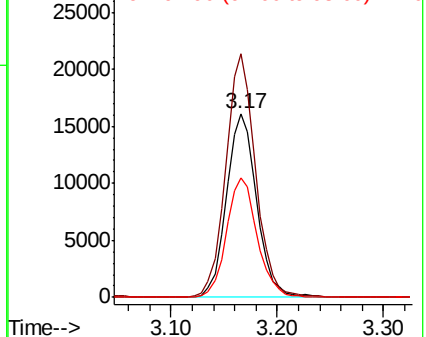
96 100

61 132.4 104.2 156.2

98 65.0 52.2 78.4



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



#22

Diisopropyl ether

Concen: 27.270 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion: 45 Resp: 111171

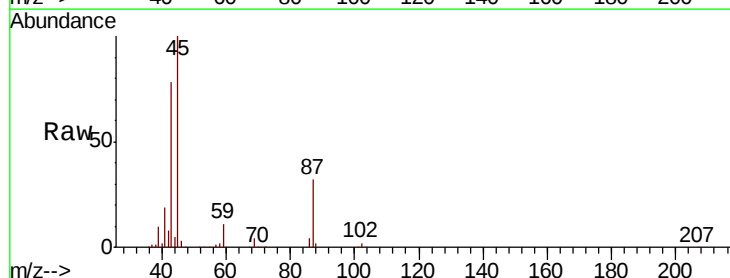
Ion Ratio Lower Upper

45 100

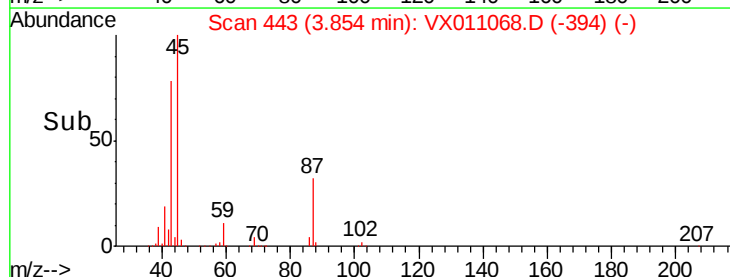
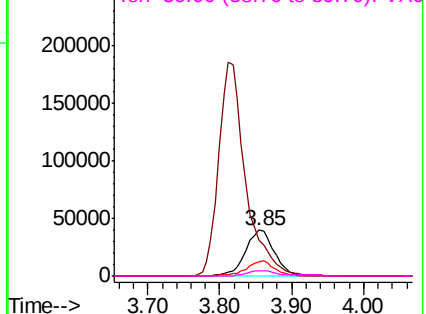
43 77.9 62.3 93.5

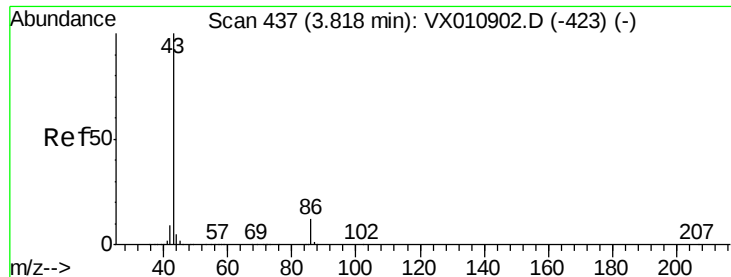
87 31.7 25.0 37.4

59 10.7 9.9 14.9



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: 140.002 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

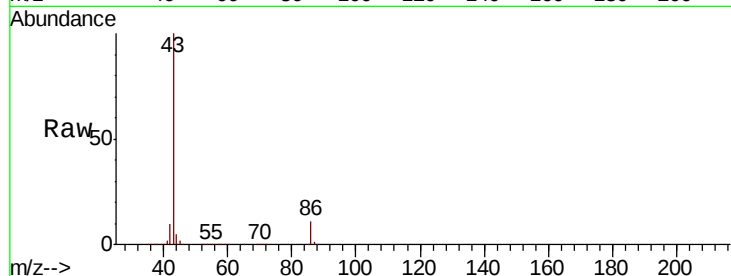
VX0725WBS01

Tot Ion: 43 Resp: 483595

Ion Ratio Lower Upper

43 100

86 11.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

200000

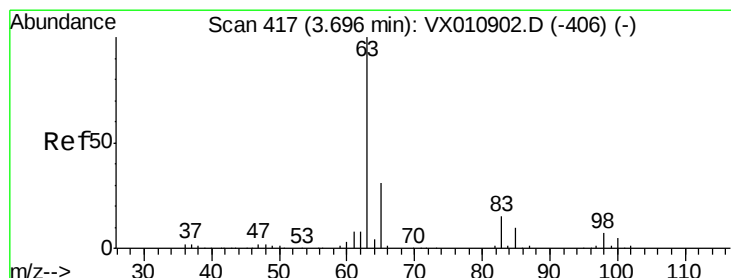
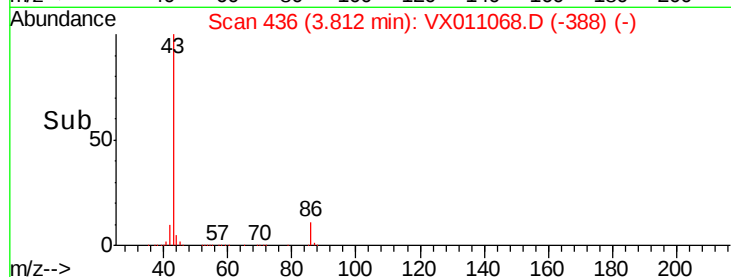
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 25.213 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

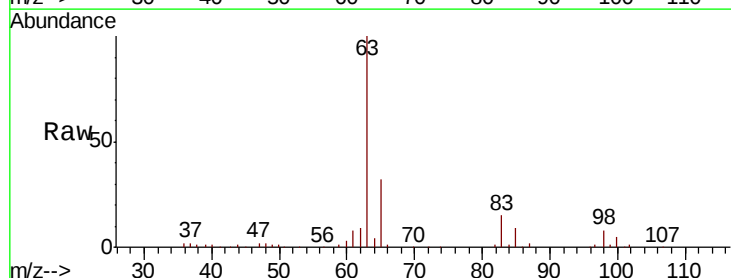
Tgt Ion: 63 Resp: 59694

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

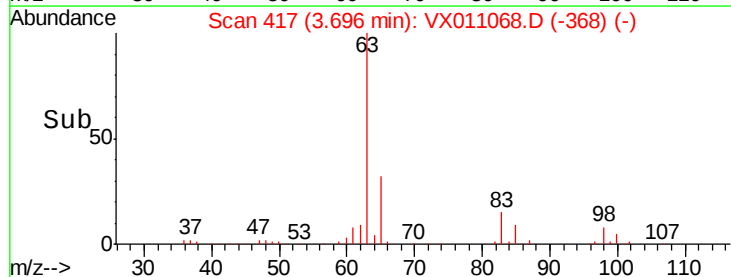
30000

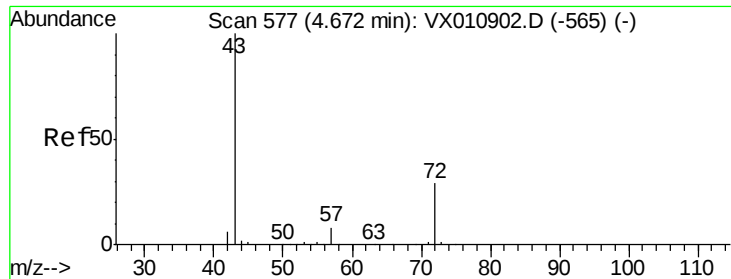
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 138.974 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

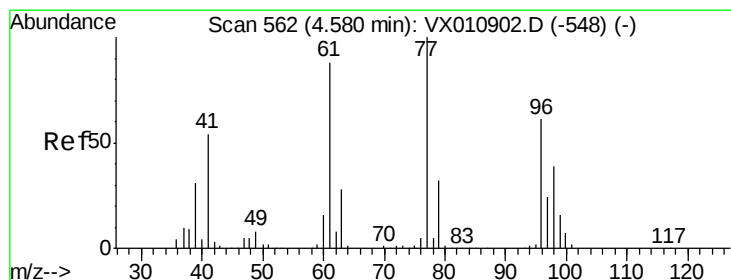
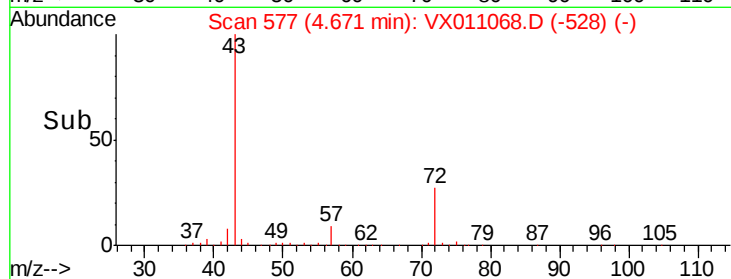
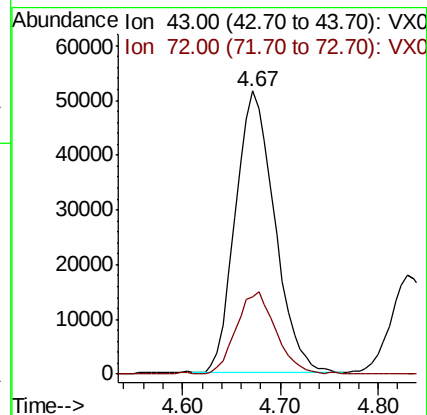
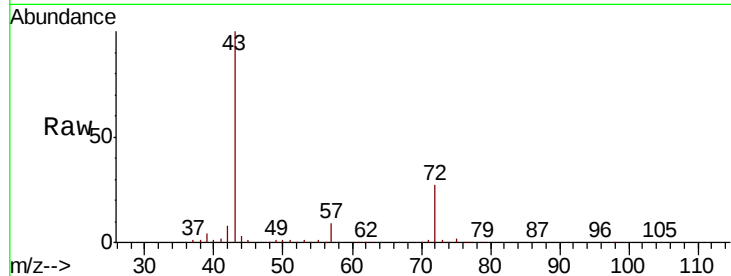
VX0725WBS01

Tot Ion: 43 Resp: 143207

Ion Ratio Lower Upper

43 100

72 27.3 23.0 34.6



#26

2,2-Dichloropropane

Concen: 21.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011068.D

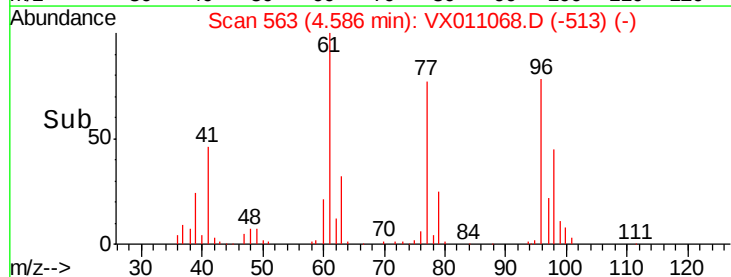
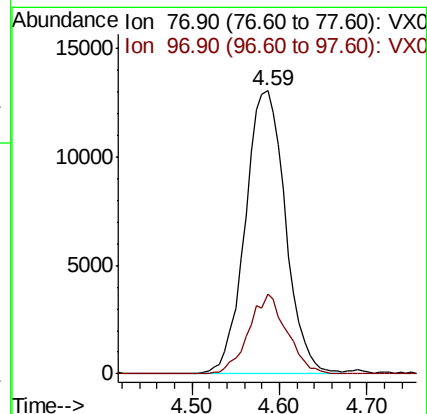
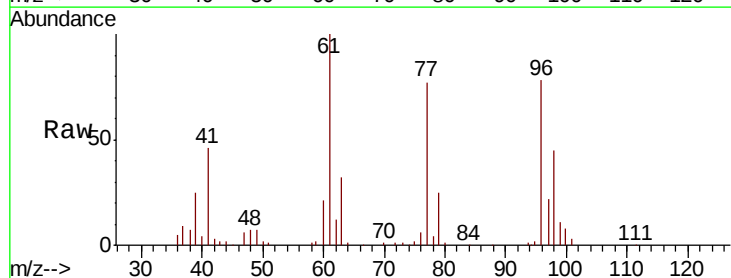
Acq: 25 Jul 2019 11:22

Tgt Ion: 77 Resp: 41812

Ion Ratio Lower Upper

77 100

97 26.6 12.6 37.6



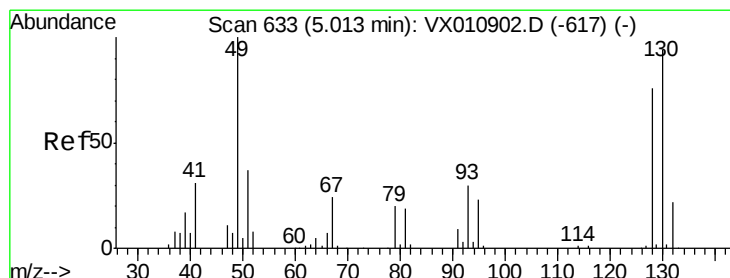
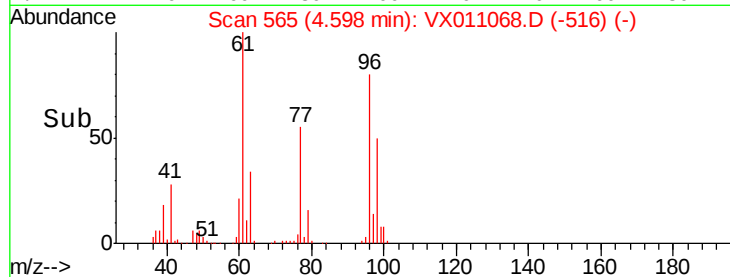
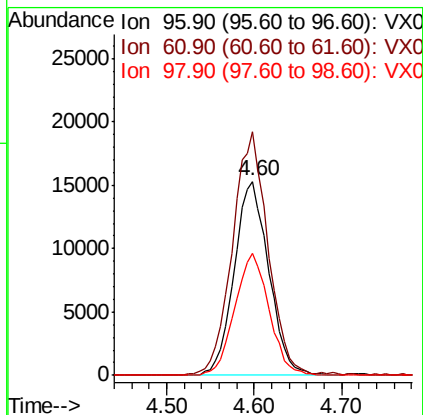
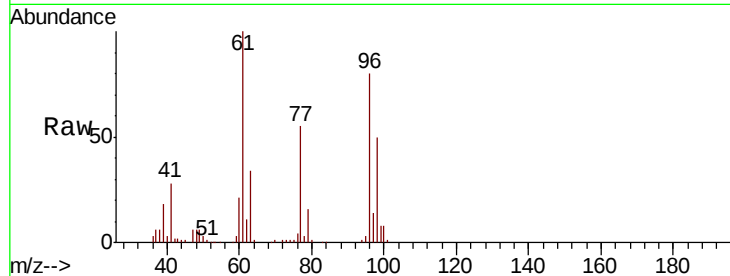


#27

cis-1,2-Dichloroethene
 Concen: 25.763 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

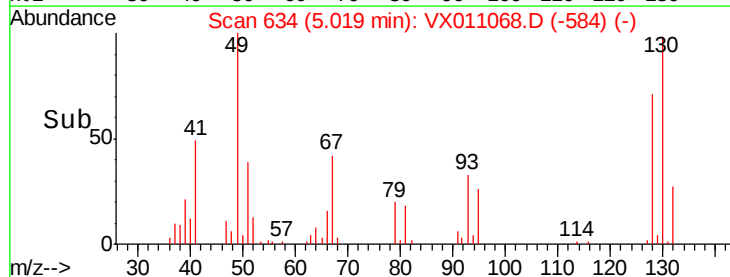
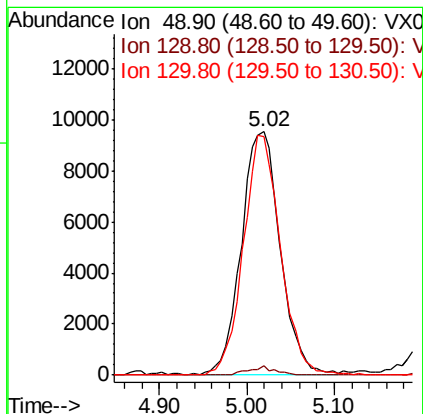
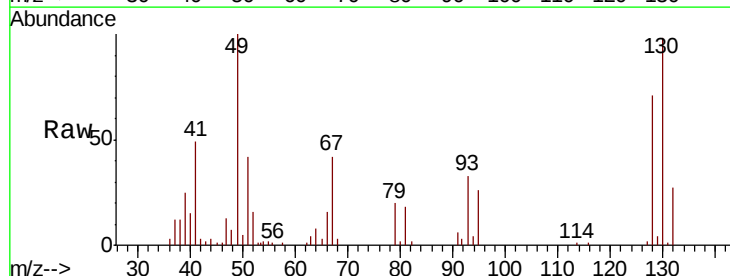
Tot Ion: 96 Resp: 42100
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 269.0
 98 62.3 0.0 131.4

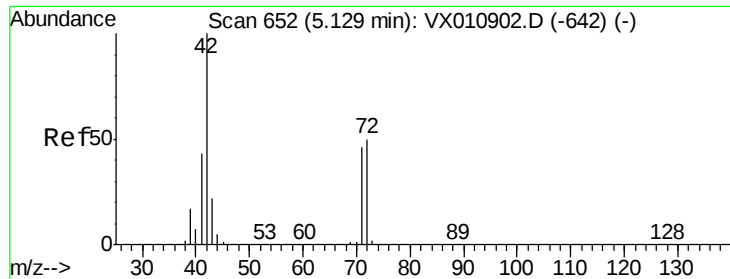


#28

Bromochloromethane
 Concen: 26.434 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 49 Resp: 29492
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 93.6 76.9 115.3





#29

Tetrahydrofuran

Concen: 139.630 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

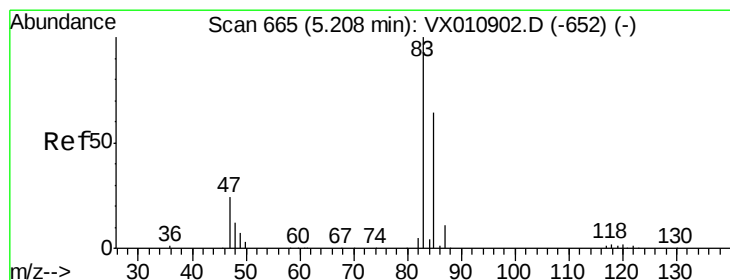
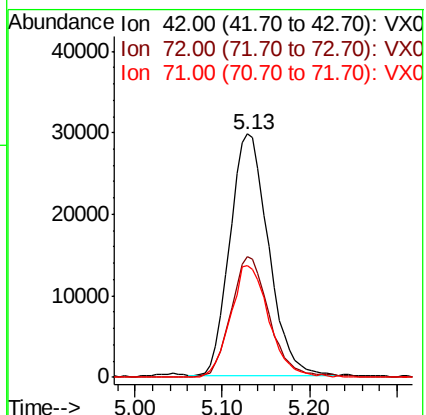
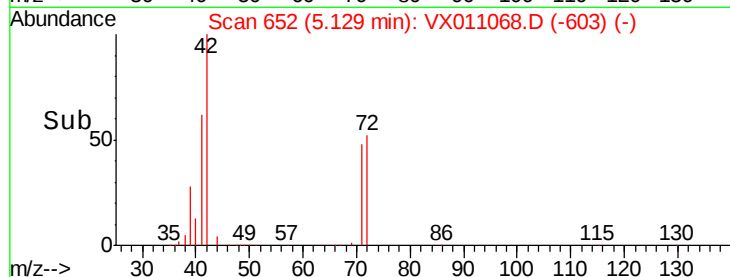
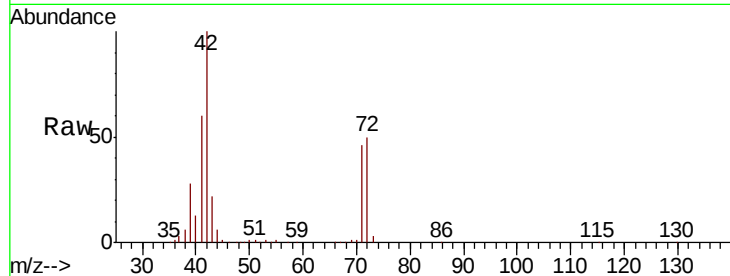
Tot Ion: 42 Resp: 91141

Ion Ratio Lower Upper

42 100

72 49.7 39.8 59.8

71 46.3 37.0 55.4



#30

Chloroform

Concen: 25.898 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011068.D

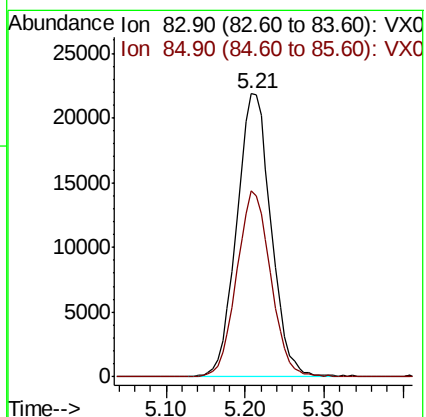
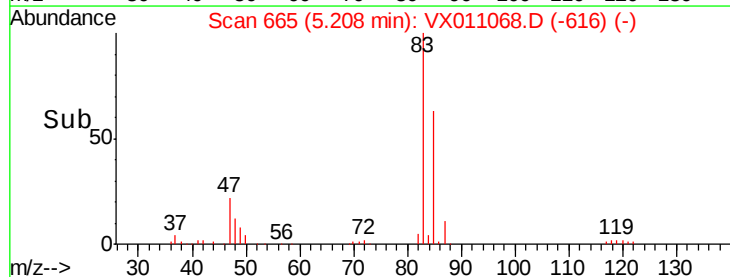
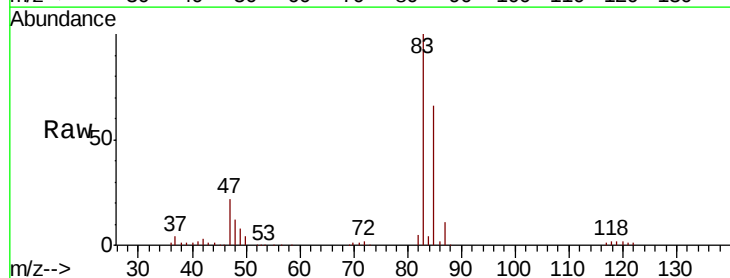
Acq: 25 Jul 2019 11:22

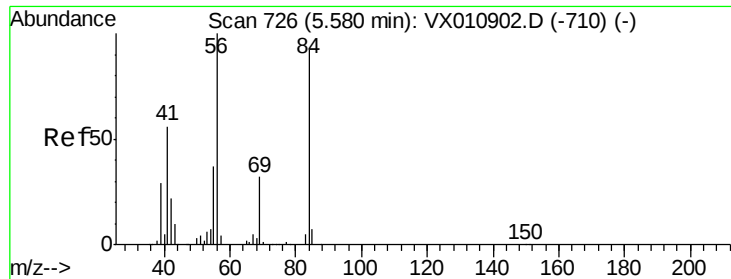
Tgt Ion: 83 Resp: 66275

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.0

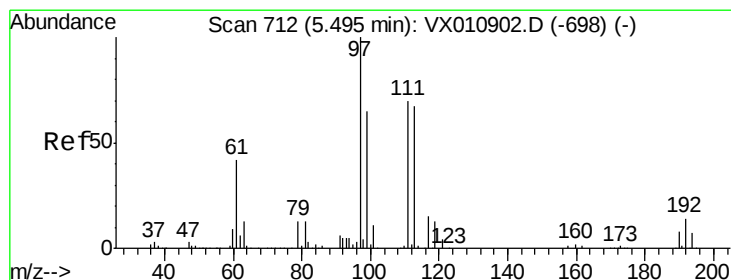
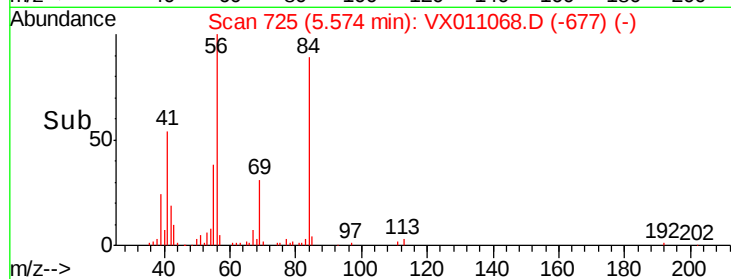
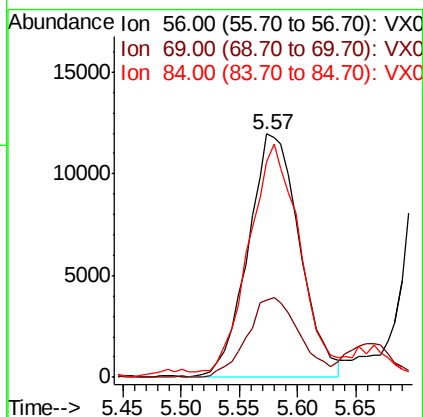
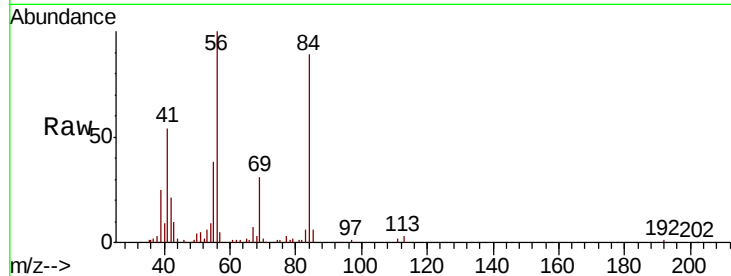




#31
Cyclohexane
Concen: 17.070 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

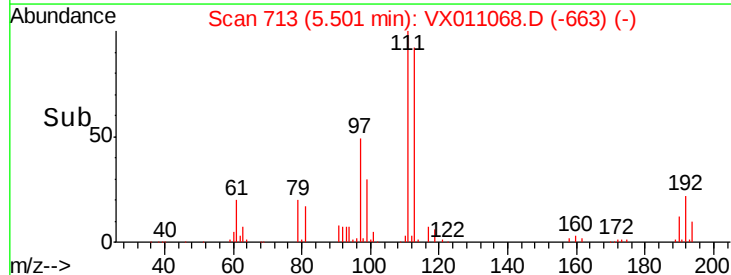
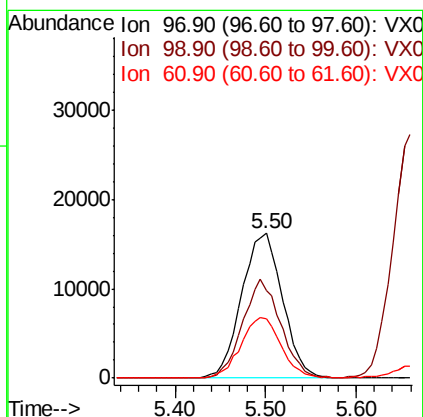
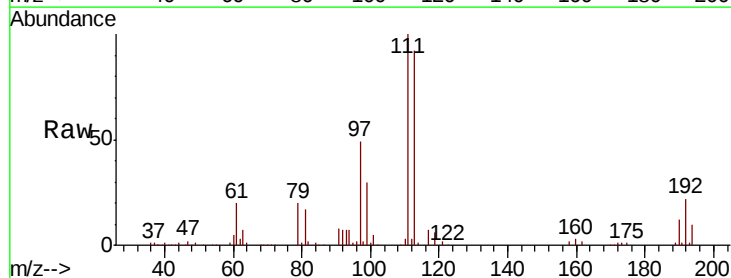
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

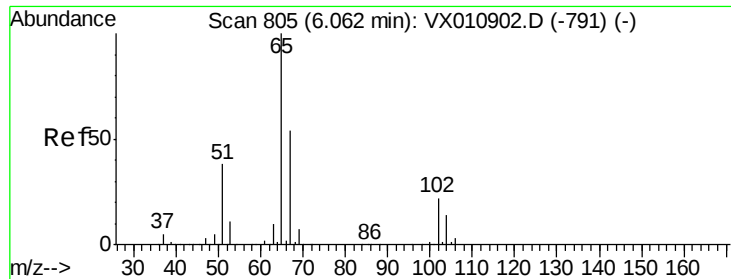
Tot Ion: 56 Resp: 36838
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.8
84 86.1 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 22.893 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 97 Resp: 50685
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 41.4 33.0 49.6

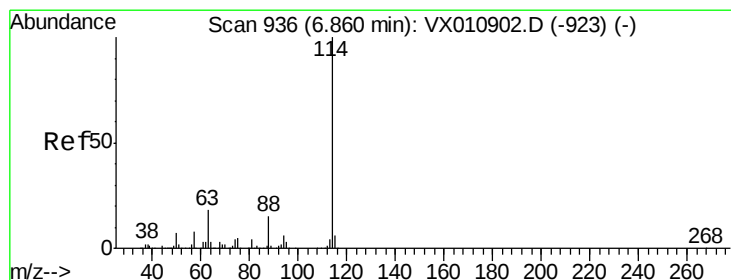
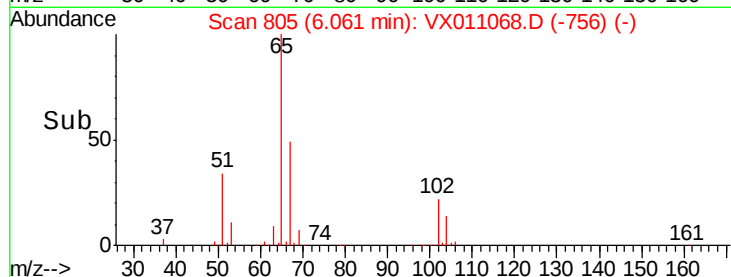
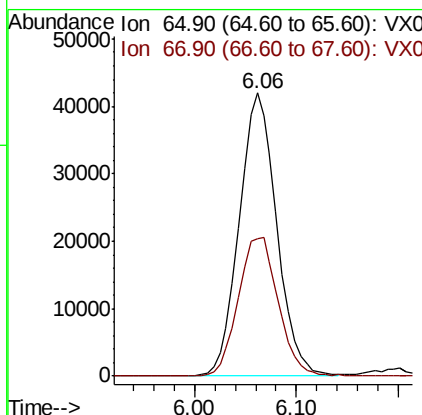
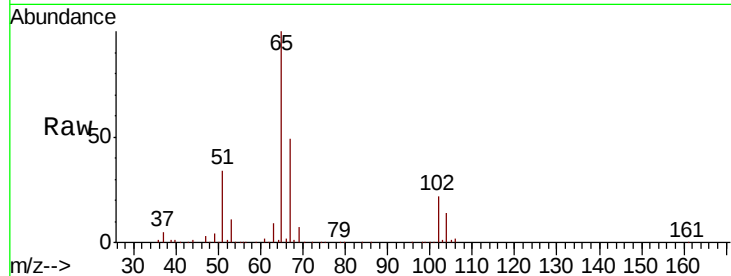




#33
 1,2-Dichloroethane-d4
 Concen: 67.347 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

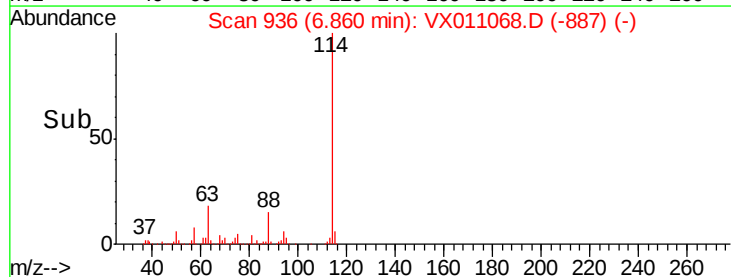
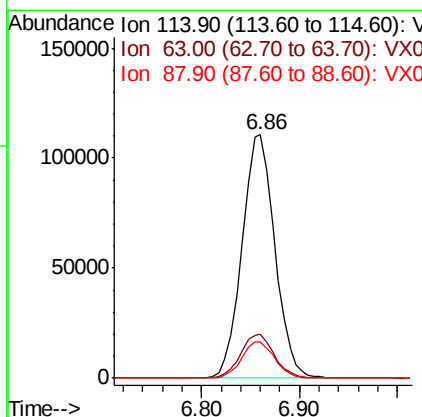
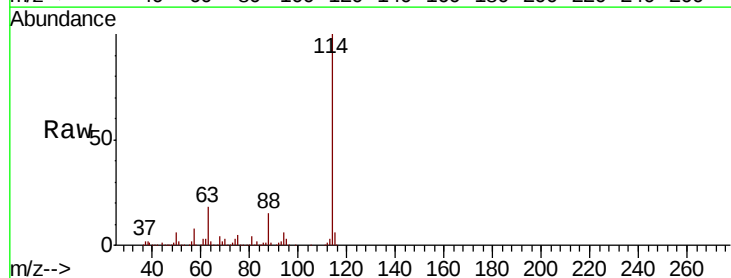
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

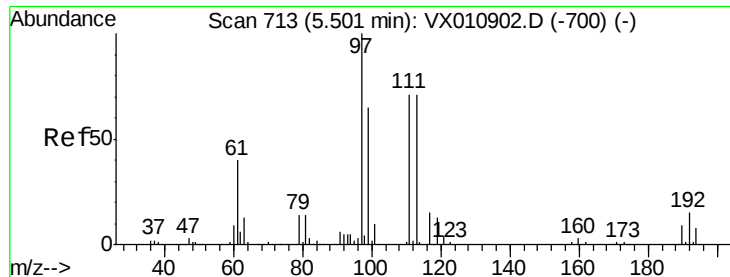
Tot Ion: 65 Resp: 107041
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 114 Resp: 257075
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 55.711 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

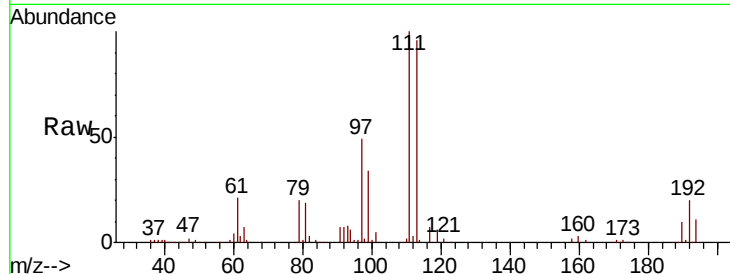
Tot Ion:113 Resp: 90904

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

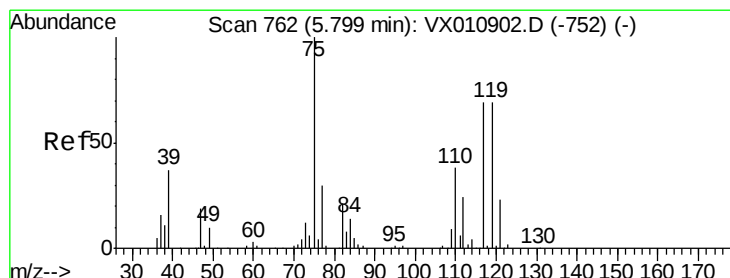
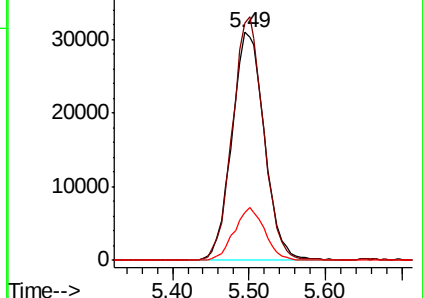
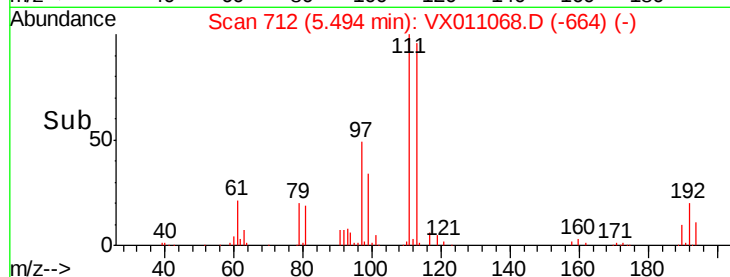
192 21.8 17.4 26.2



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: 18.270 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

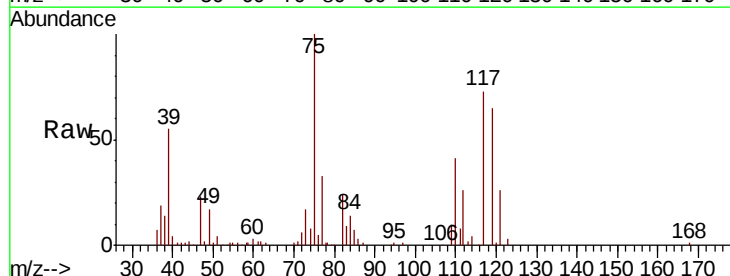
Tgt Ion: 75 Resp: 38580

Ion Ratio Lower Upper

75 100

110 39.5 19.9 59.7

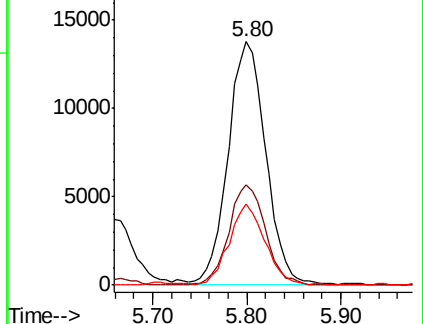
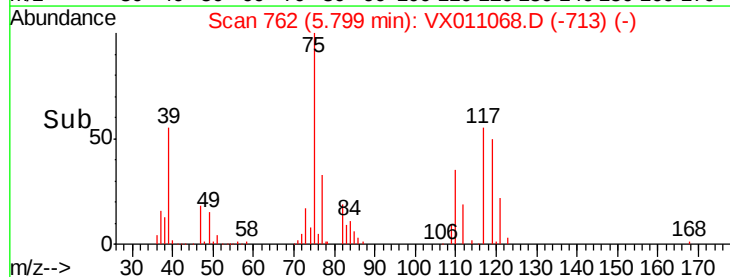
77 31.4 25.0 37.4

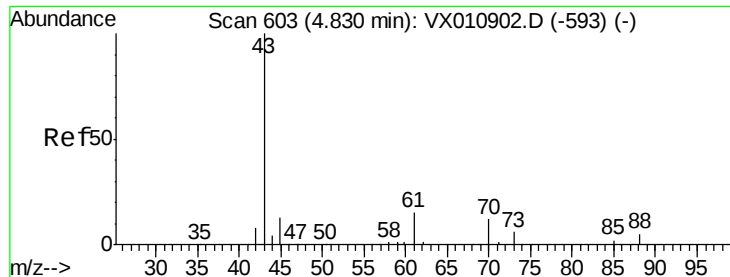


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

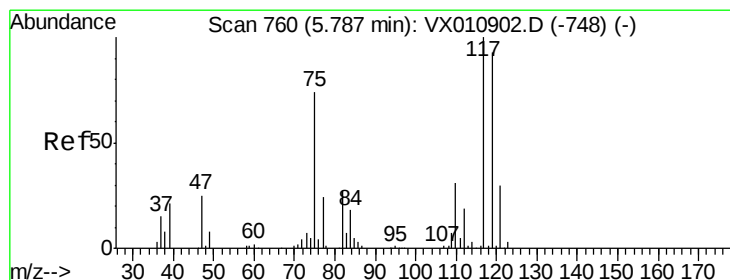
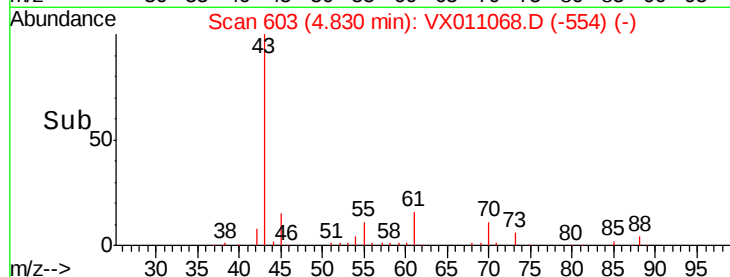
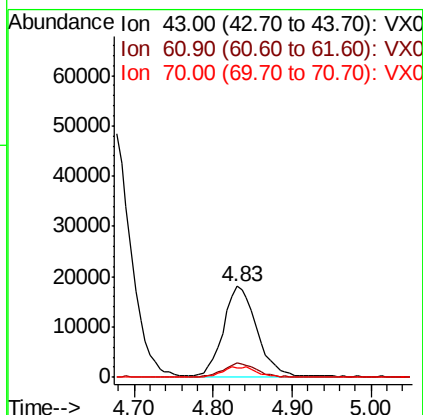
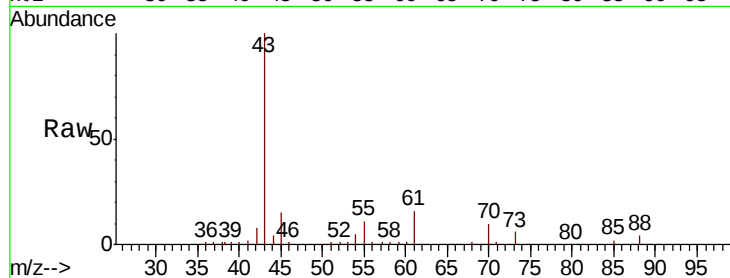




#37
Ethyl Acetate
Concen: 24.561 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

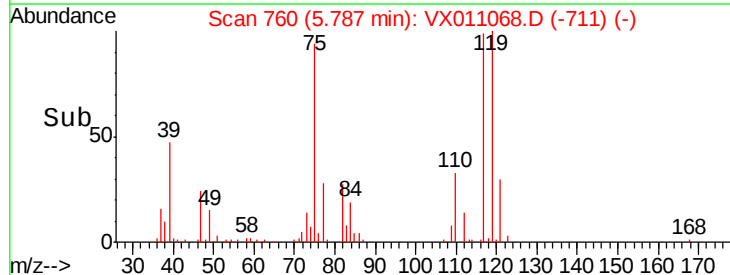
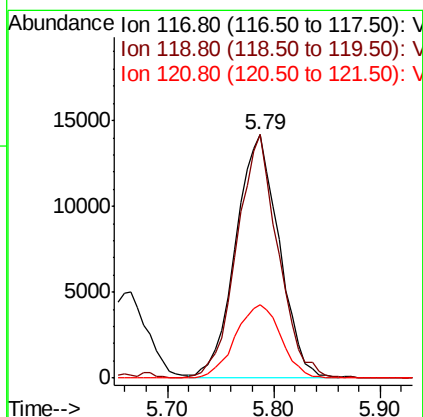
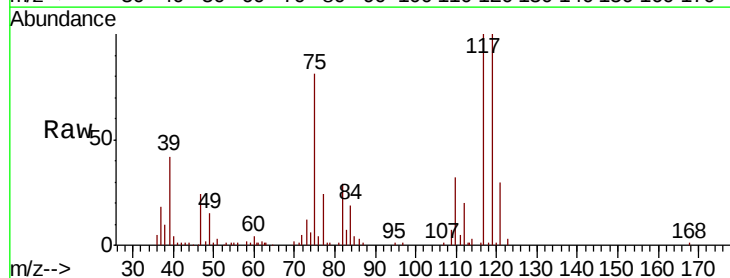
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

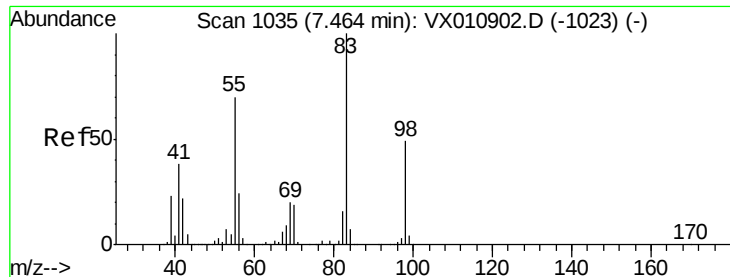
Tot Ion: 43 Resp: 53108
Ion Ratio Lower Upper
43 100
61 16.2 11.6 17.4
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.405 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 117 Resp: 40498
Ion Ratio Lower Upper
117 100
119 99.4 74.2 111.2
121 30.0 24.2 36.2

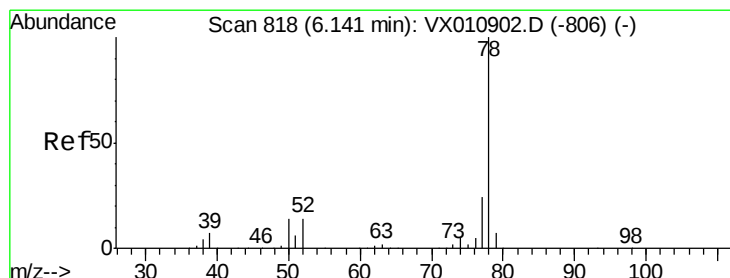
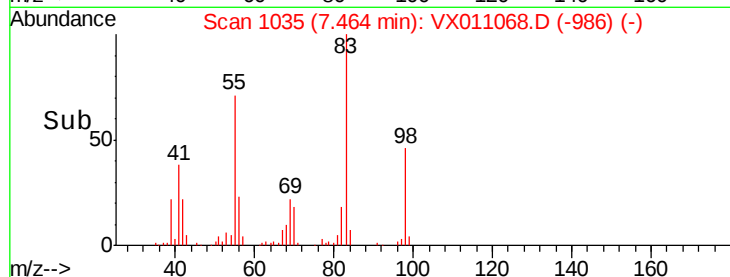
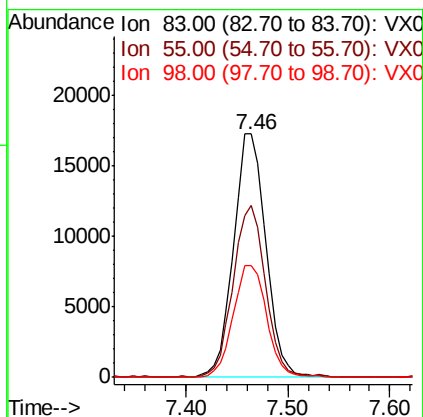
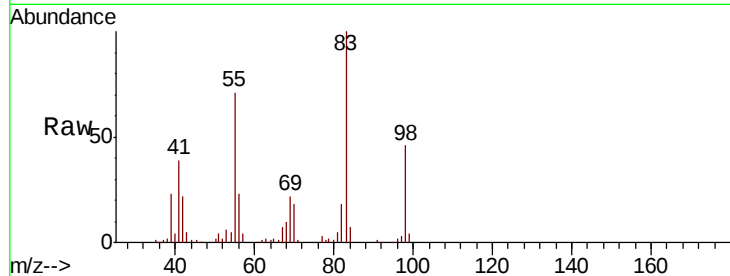




#39
Methvlcvclohexane
Concen: 13.868 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

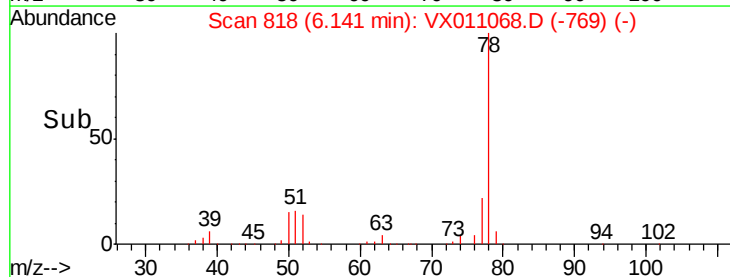
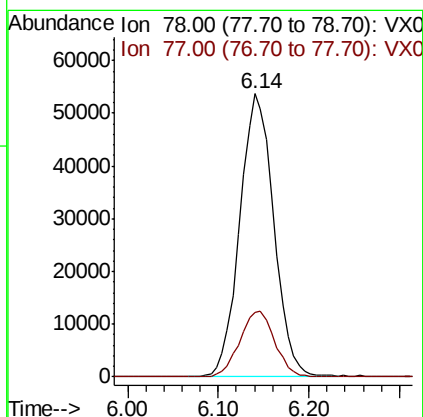
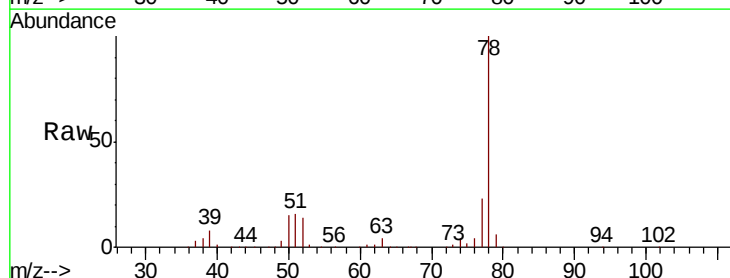
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

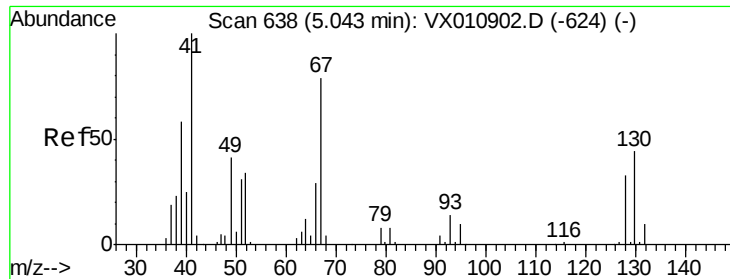
Tot Ion: 83 Resp: 37976
Ion Ratio Lower Upper
83 100
55 70.8 56.2 84.4
98 45.9 39.0 58.4



#40
Benzene
Concen: 21.582 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 78 Resp: 139601
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6

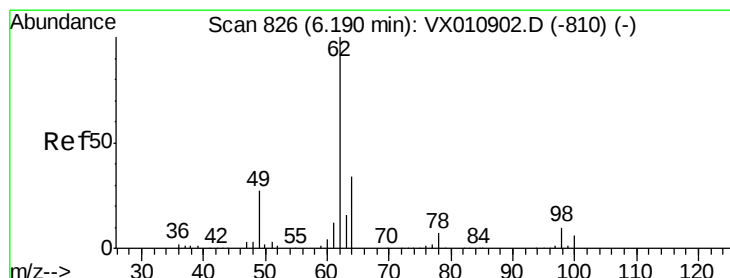
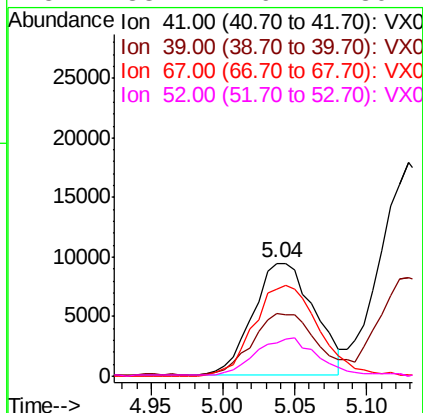
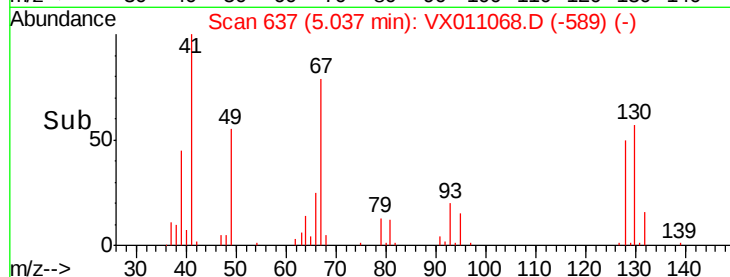
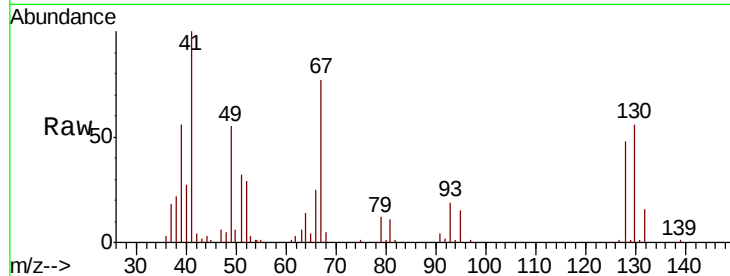




#41
Methacrylonitrile
Concen: 22.640 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

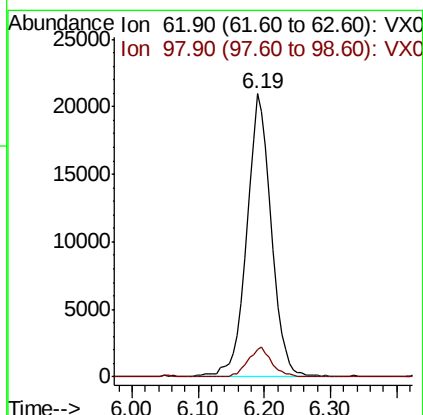
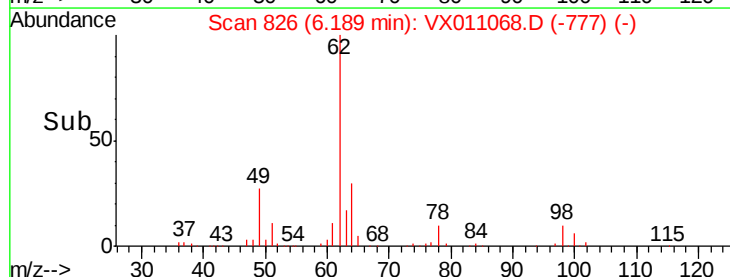
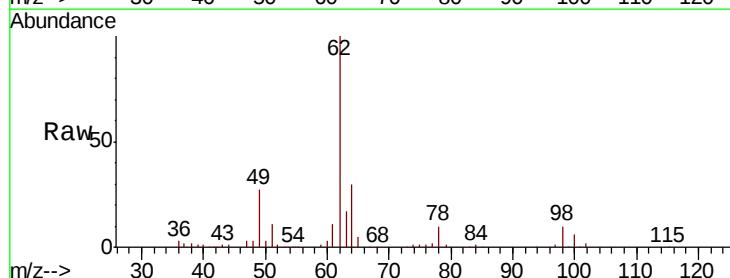
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS01

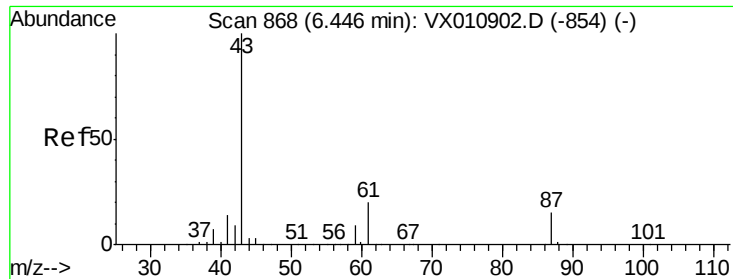
Tot Ion:	41	Resp:	27790
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.4	68.2
67	86.9	65.9	98.9
52	33.7	26.2	39.2



#42
1,2-Dichloroethane
Concen: 24.102 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:	62	Resp:	54207
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0





#43

Isopropyl Acetate

Concen: 23.846 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

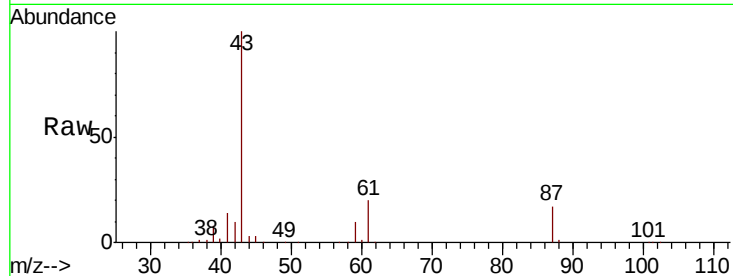
Tot Ion: 43 Resp: 84783

Ion Ratio Lower Upper

43 100

61 21.4 17.1 25.7

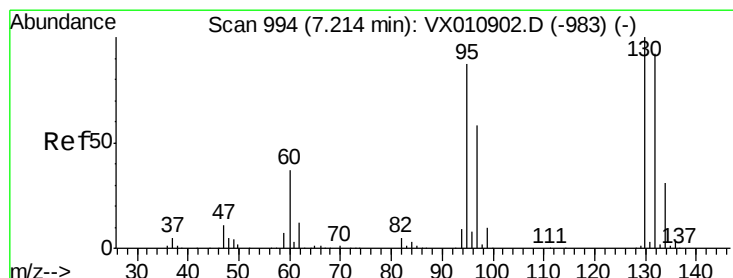
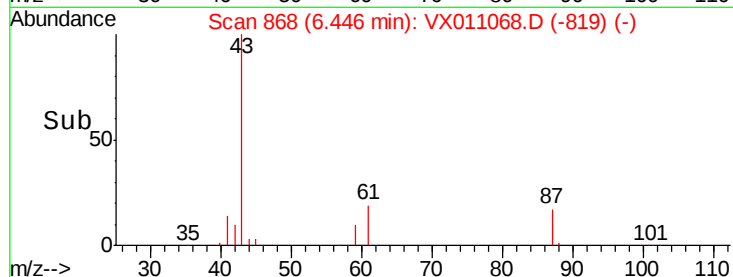
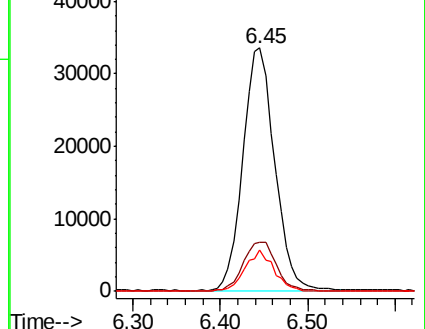
87 15.3 12.0 18.0



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: 20.015 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011068.D

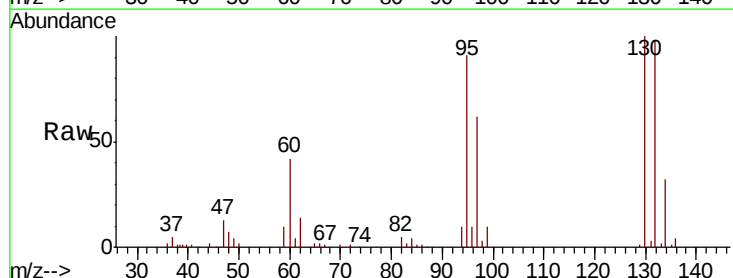
Acq: 25 Jul 2019 11:22

Tgt Ion:130 Resp: 38322

Ion Ratio Lower Upper

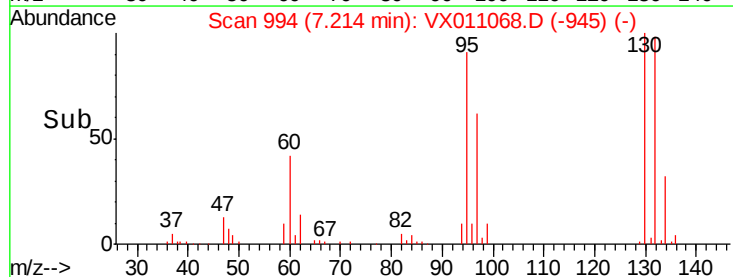
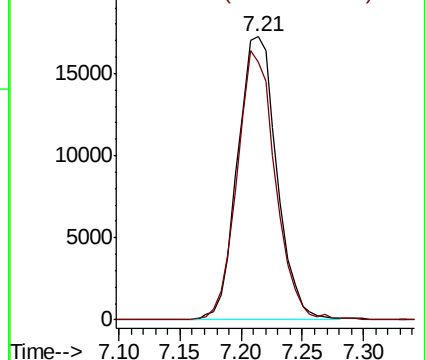
130 100

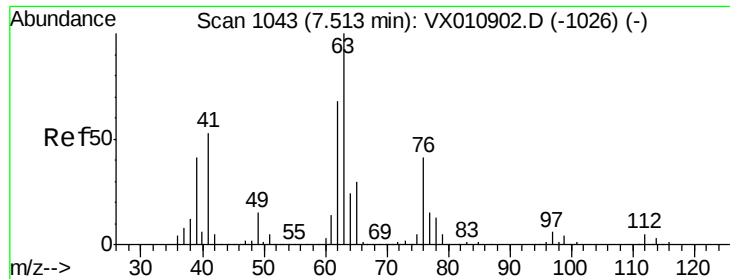
95 91.2 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

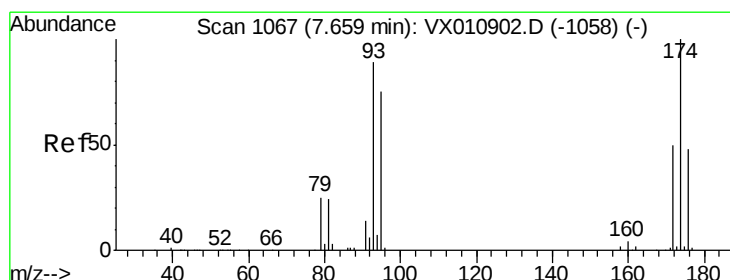
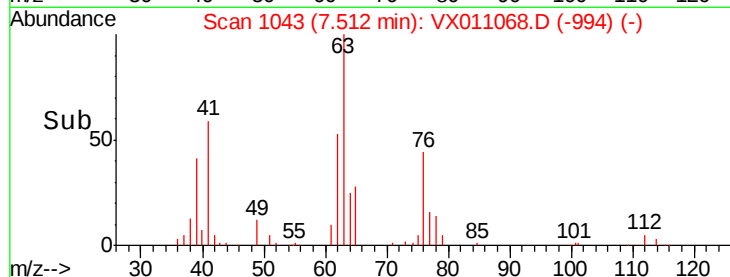
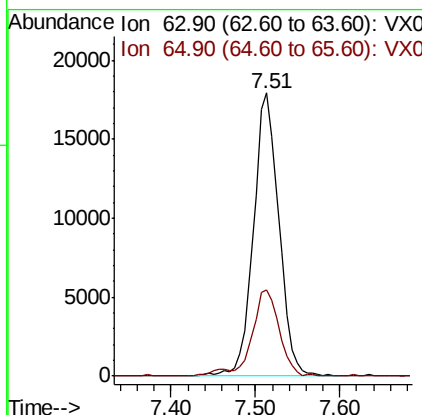
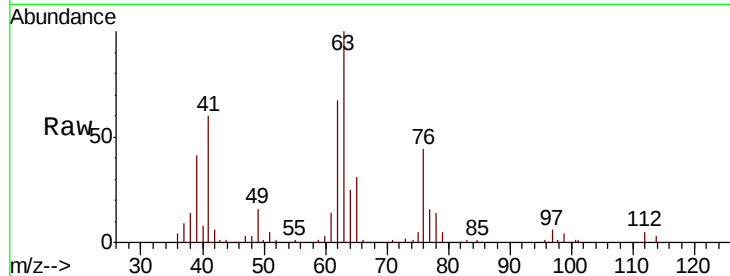




#45
 1,2-Dichloropropane
 Concen: 22.401 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

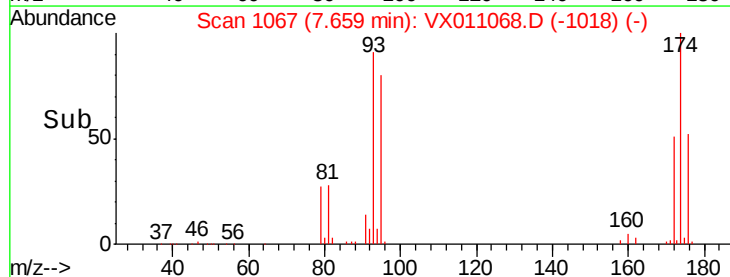
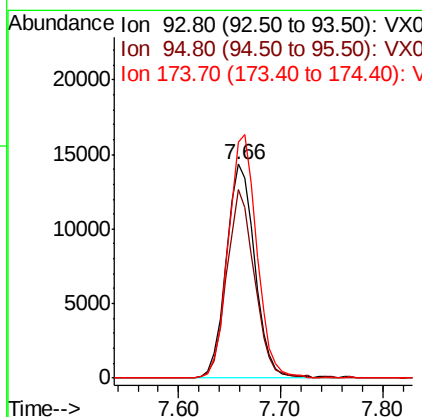
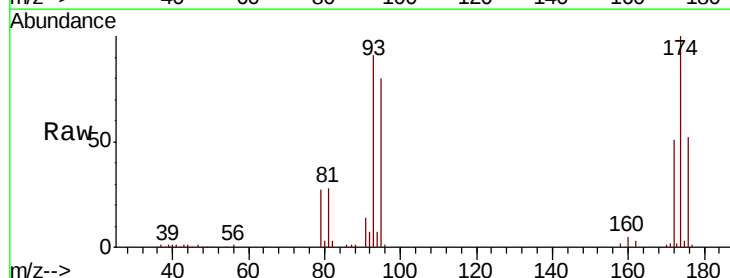
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

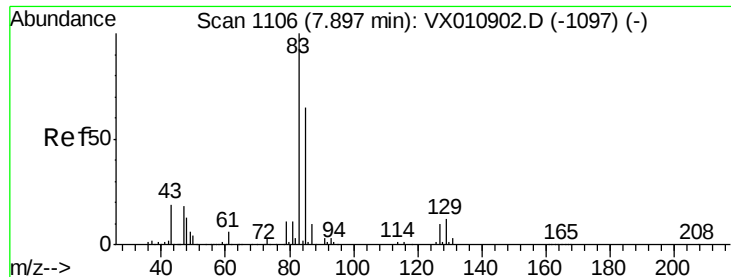
Tot Ion: 63 Resp: 36880
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 23.622 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 93 Resp: 27789
 Ion Ratio Lower Upper
 93 100
 95 85.6 67.2 100.8
 174 113.4 90.6 135.8

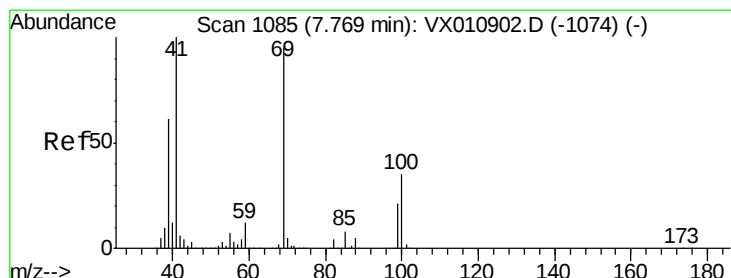
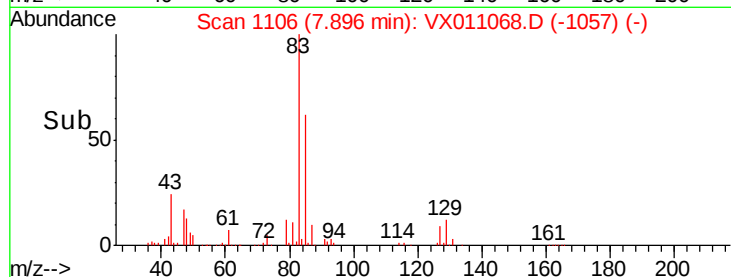
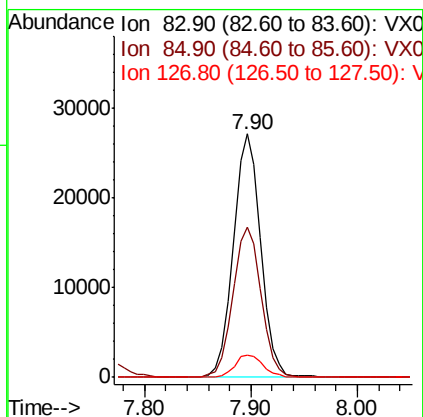
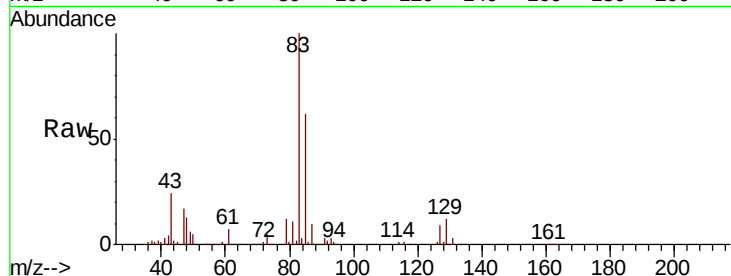




#47
 Bromodichloromethane
 Concen: 23.362 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

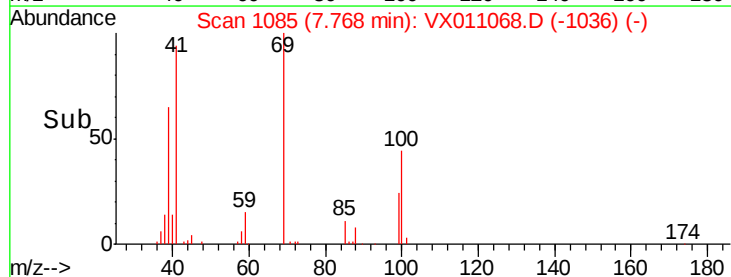
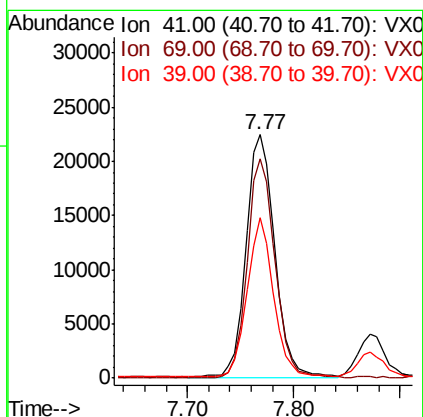
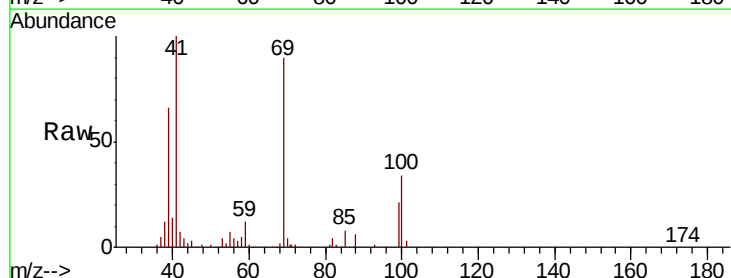
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

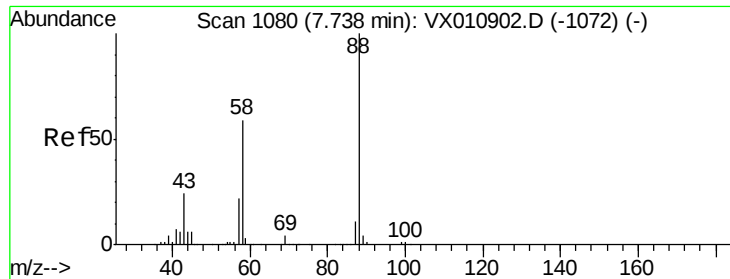
Tot Ion: 83 Resp: 48922
 Ion Ratio Lower Upper
 83 100
 85 61.6 52.5 78.7
 127 9.2 7.8 11.8



#48
 Methyl methacrylate
 Concen: 24.470 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 41 Resp: 42382
 Ion Ratio Lower Upper
 41 100
 69 87.8 74.4 111.6
 39 60.6 48.9 73.3

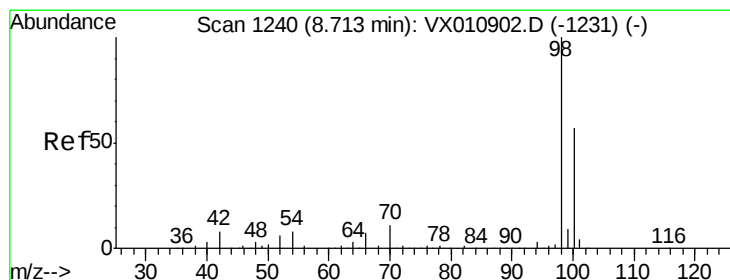
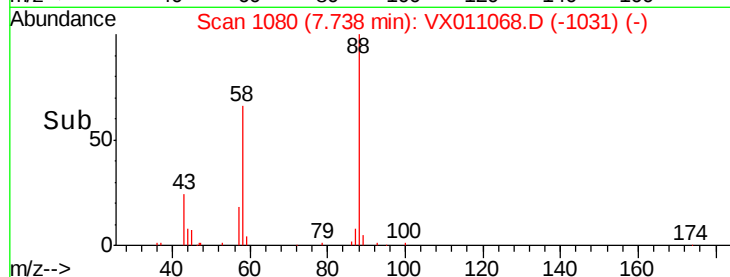
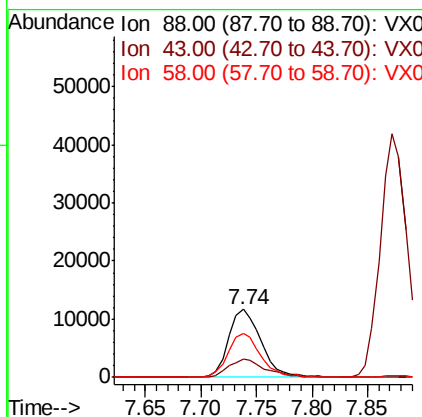
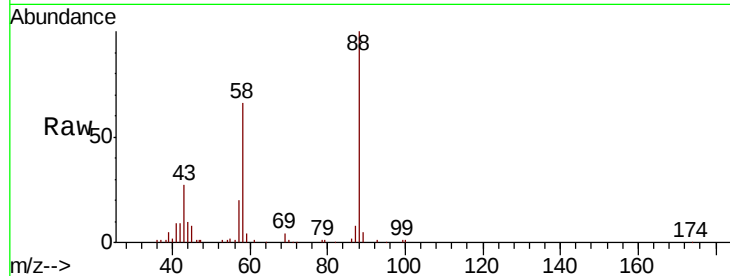




#49
 1,4-Dioxane
 Concen: 489.159 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

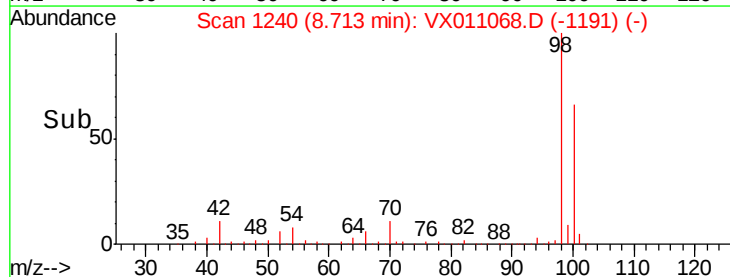
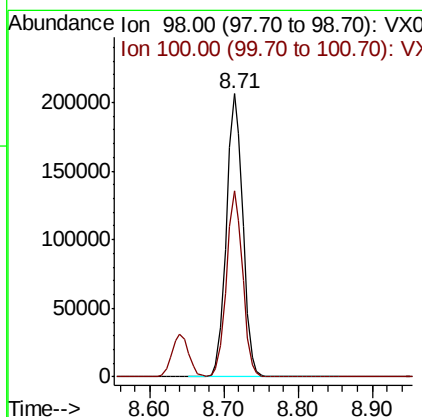
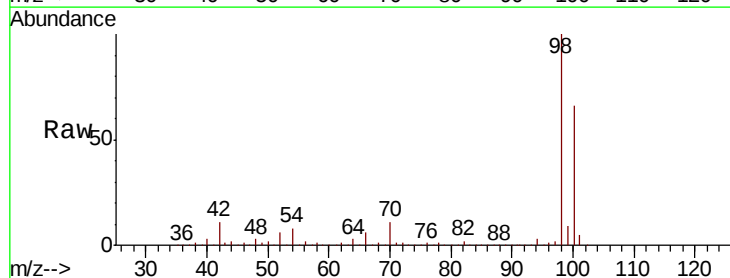
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion: 88 Resp: 23699
 Ion Ratio Lower Upper
 88 100
 43 29.7 22.9 34.3
 58 65.6 49.8 74.8



#50
 Toluene-d8
 Concen: 51.843 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 98 Resp: 317277
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 125.462 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

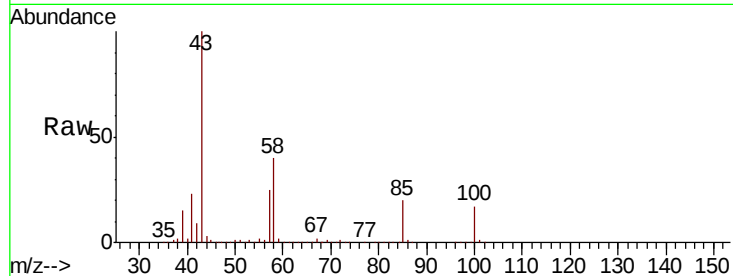
VX0725WBS01

Tot Ion: 43 Resp: 289159

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

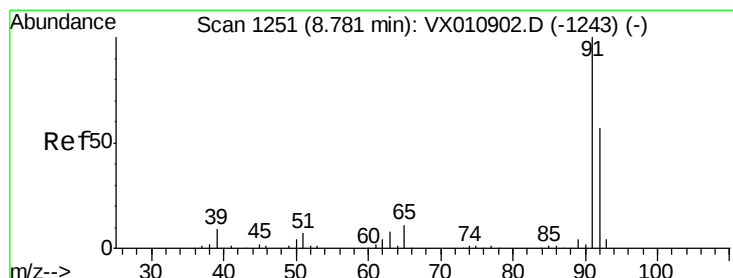
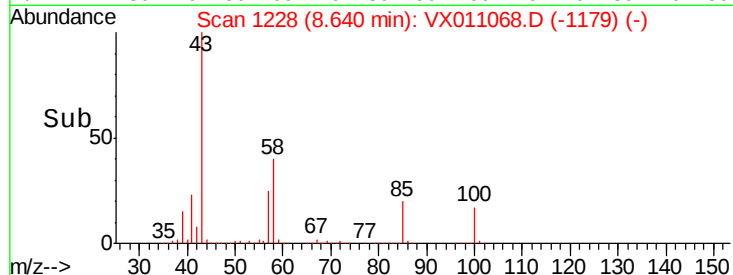
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.310 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011068.D

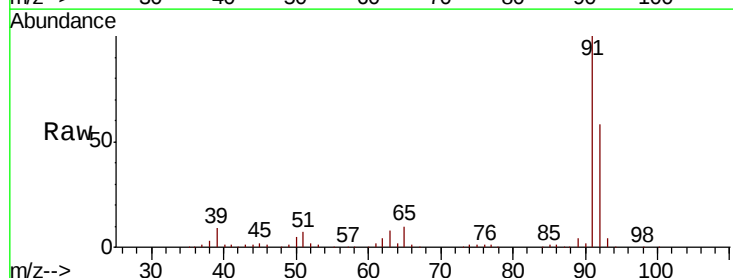
Acq: 25 Jul 2019 11:22

Tgt Ion: 92 Resp: 90552

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

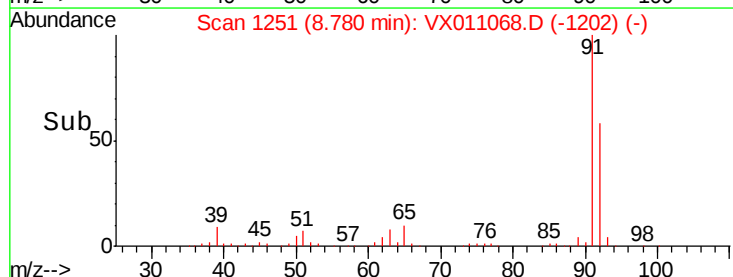
60000

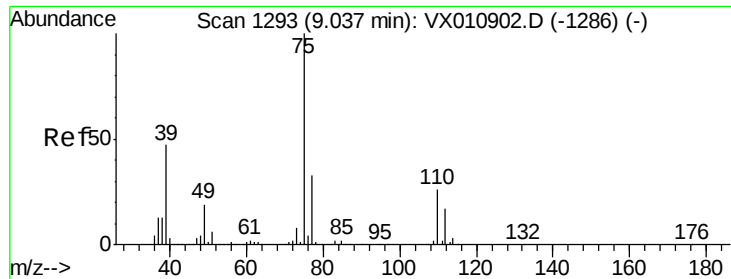
40000

20000

0

Time-->

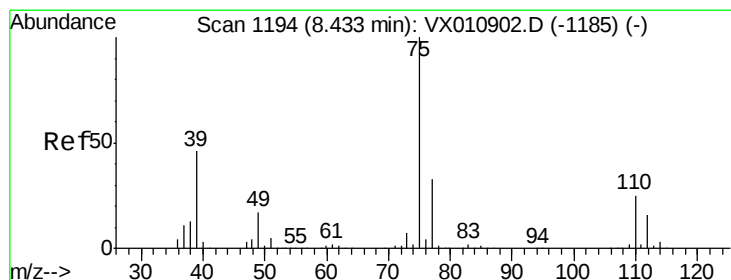
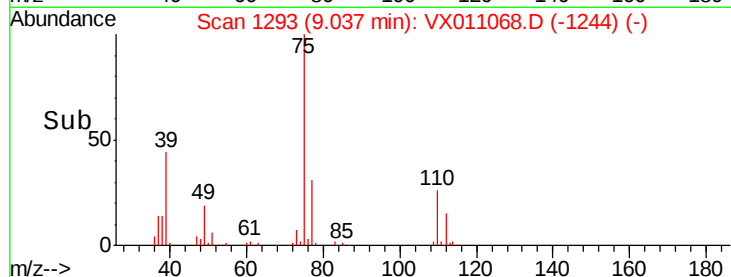
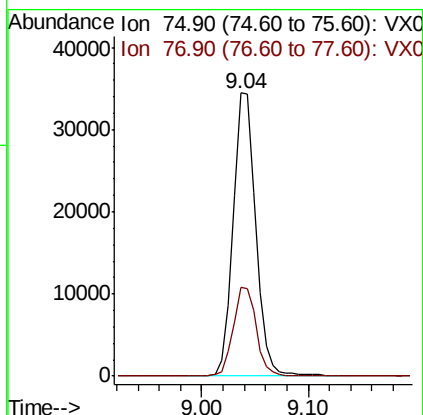
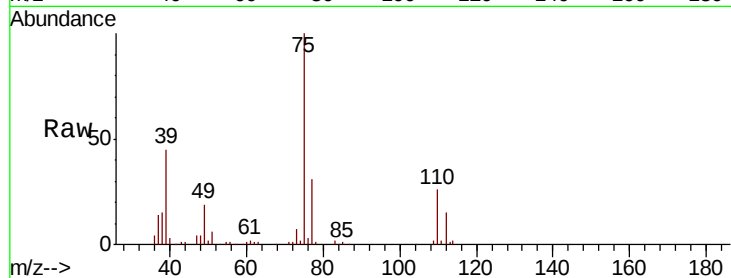




#53
 t-1,3-Dichloropropene
 Concen: 22.954 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

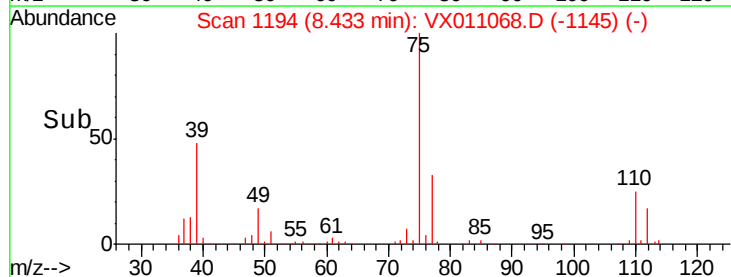
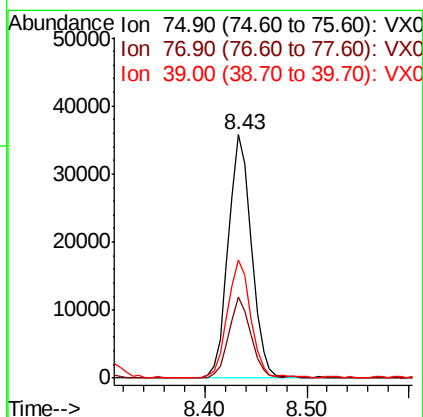
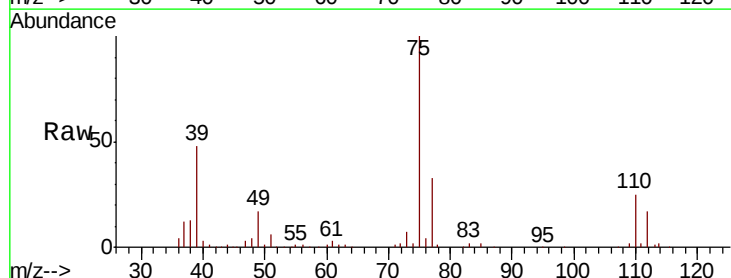
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

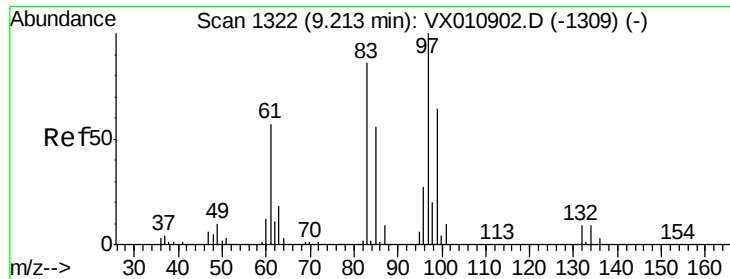
Tot Ion: 75 Resp: 51686
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.514 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 75 Resp: 56411
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 48.0 36.6 54.8

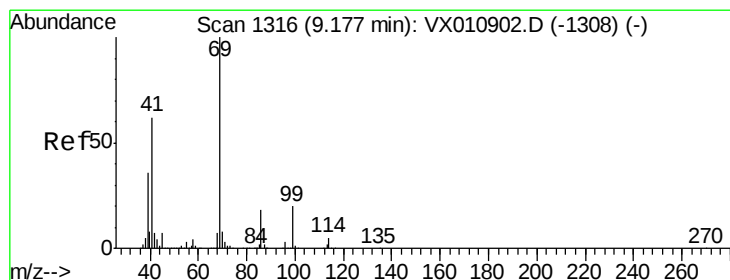
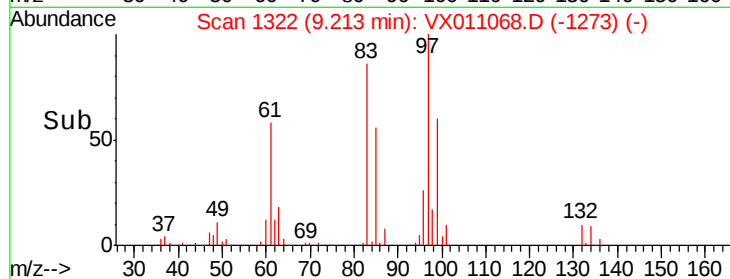
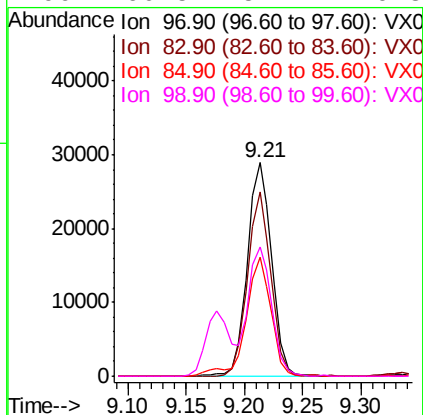
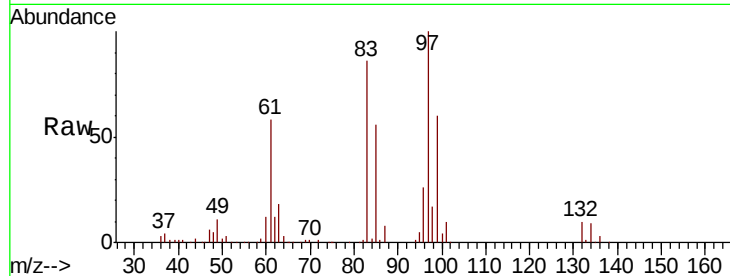




#55
 1,1,2-Trichloroethane
 Concen: 24.110 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

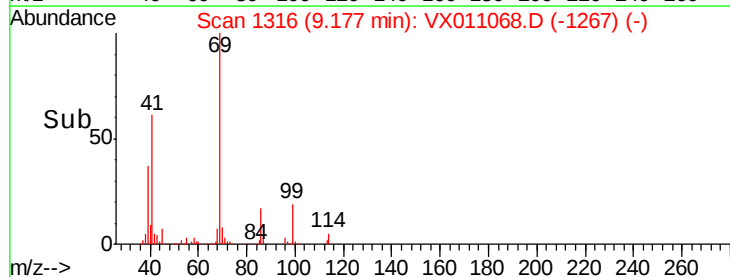
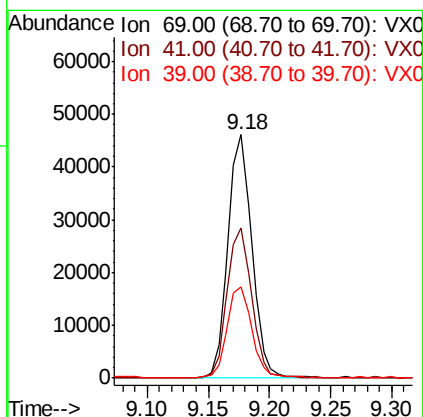
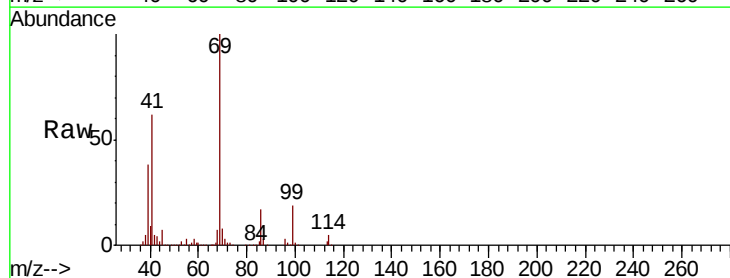
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

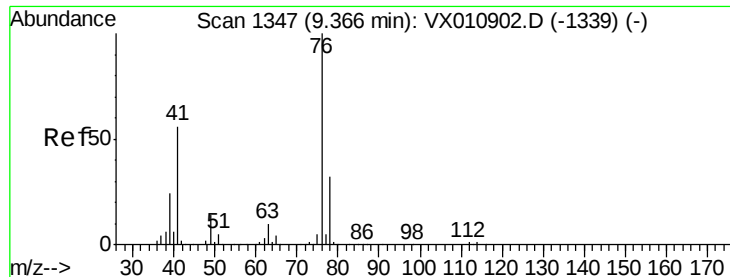
Tot Ion:	97	Resp:	42183
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	55.7	44.6	66.8
99	60.5	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 24.564 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion:	69	Resp:	62867
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	37.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 23.959 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

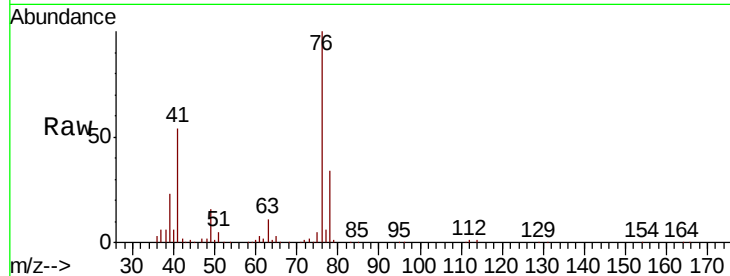
VX0725WBS01

Tot Ion: 76 Resp: 66498

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

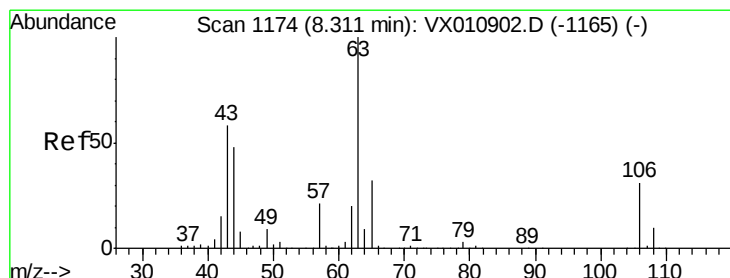
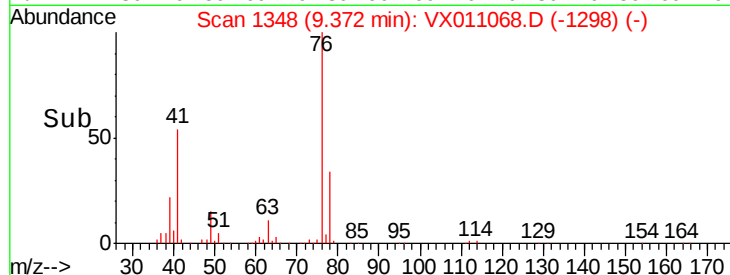
30000

20000

10000

0

Time--> 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 121.888 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011068.D

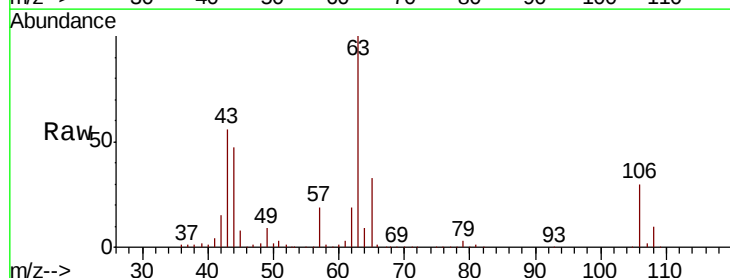
Acq: 25 Jul 2019 11:22

Tgt Ion: 63 Resp: 148910

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

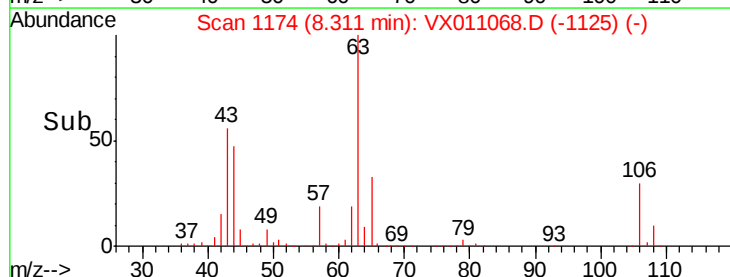
60000

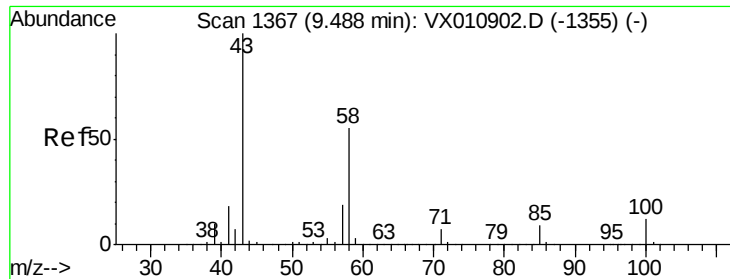
40000

20000

0

Time--> 8.20 8.30 8.40

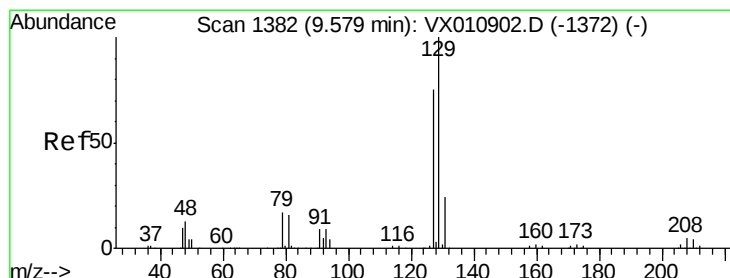
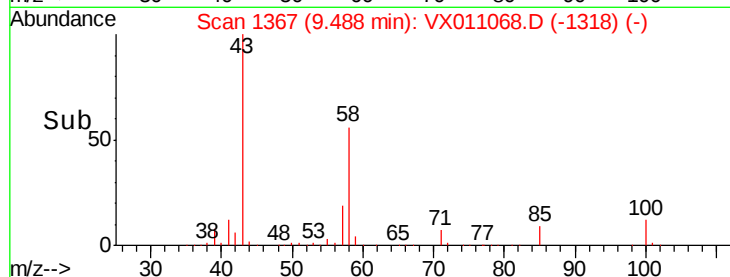
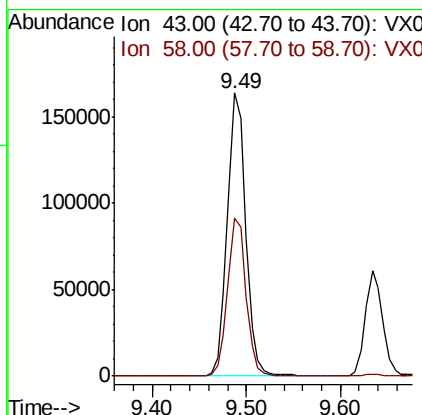
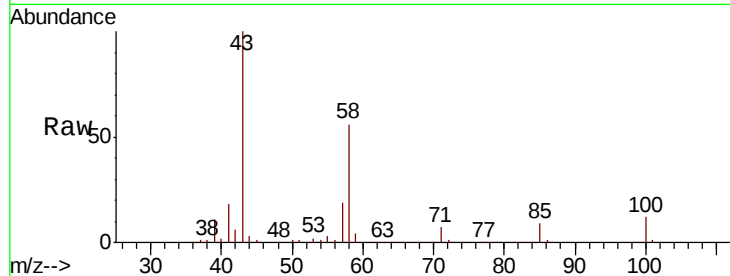




#59
 2-Hexanone
 Concen: 125.562 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

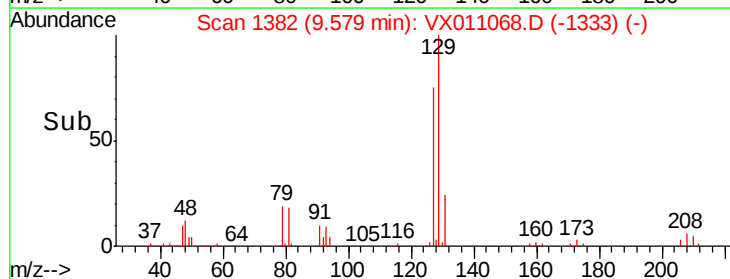
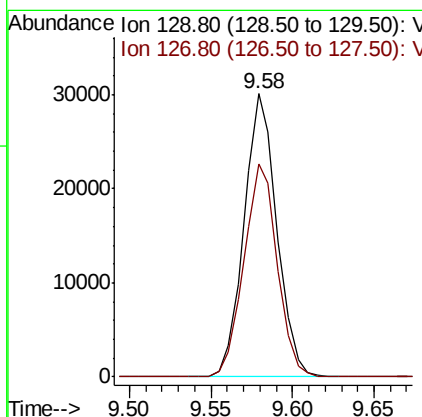
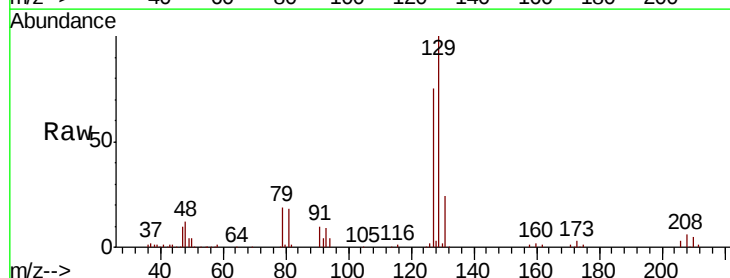
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion: 43 Resp: 224454
 Ion Ratio Lower Upper
 43 100
 58 56.2 28.0 83.9



#60
 Dibromochloromethane
 Concen: 22.403 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion:129 Resp: 42151
 Ion Ratio Lower Upper
 129 100
 127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 24.284 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

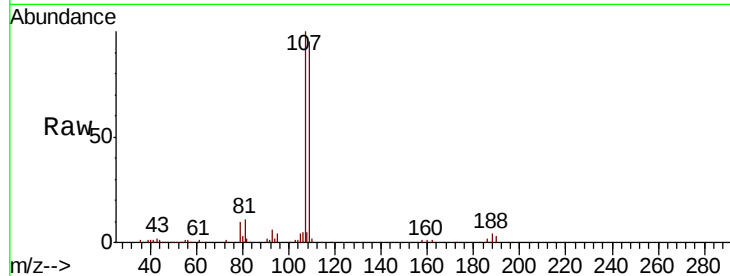
VX0725WBS01

Tot Ion:107 Resp: 45091

Ion Ratio Lower Upper

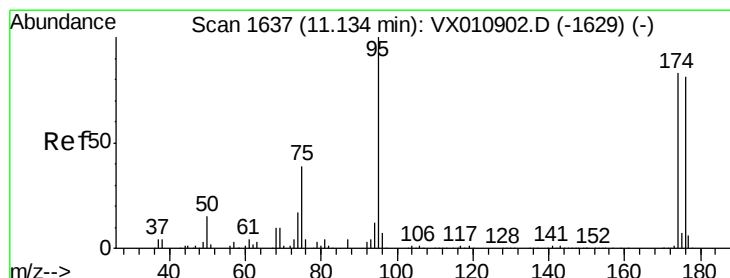
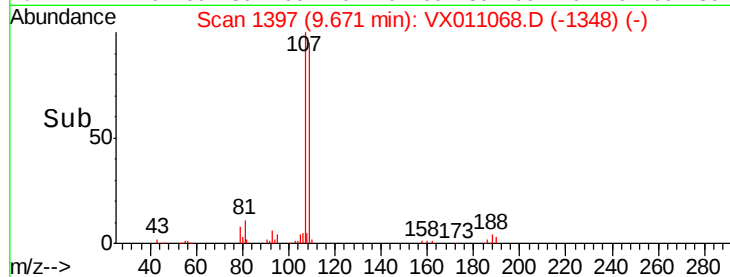
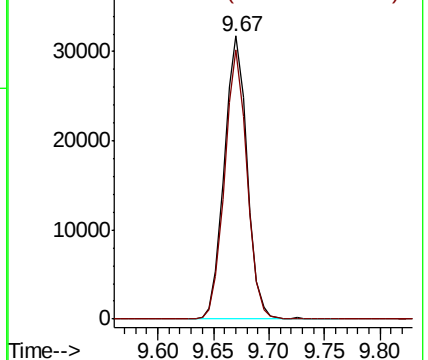
107 100

109 93.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.455 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

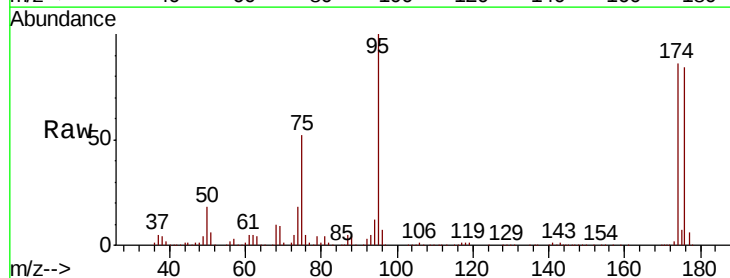
Tgt Ion: 95 Resp: 122498

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

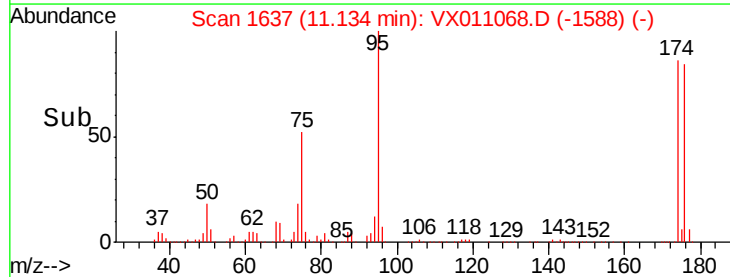
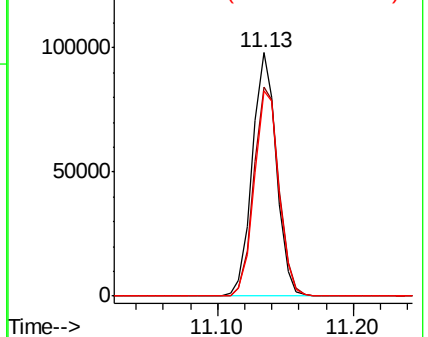
176 86.6 0.0 173.8

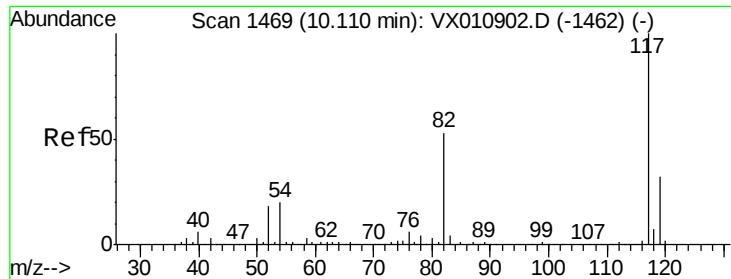


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

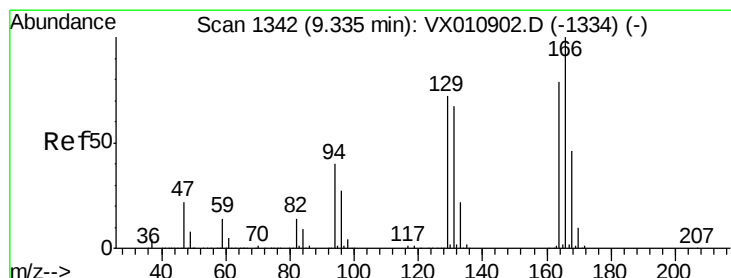
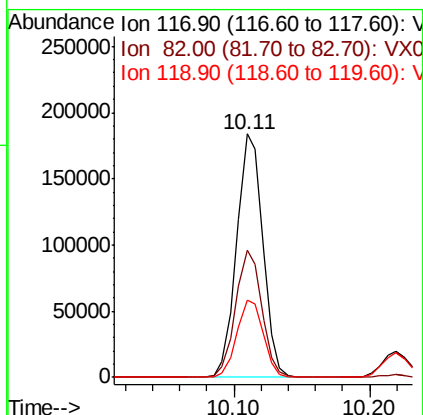
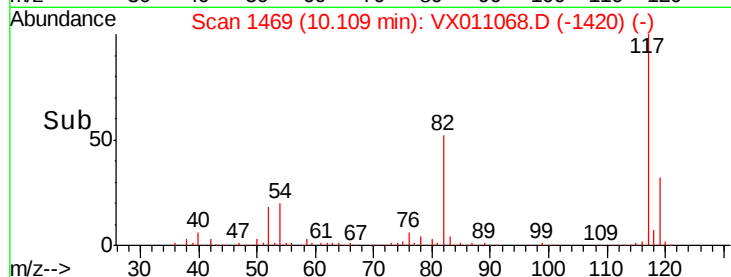
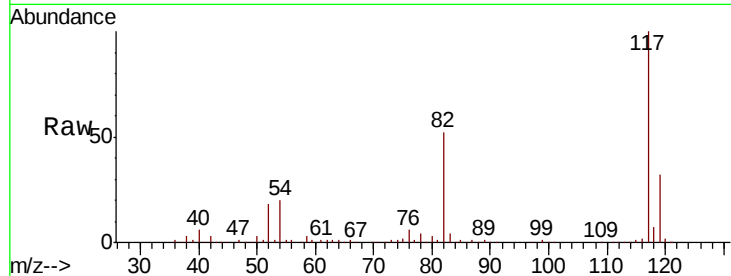




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

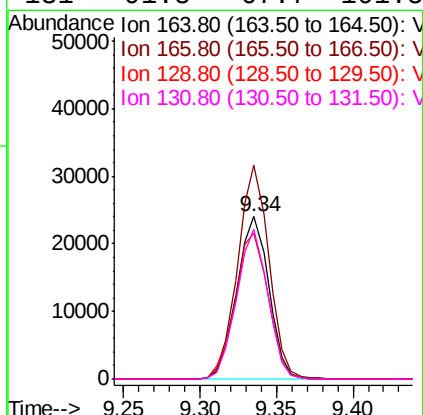
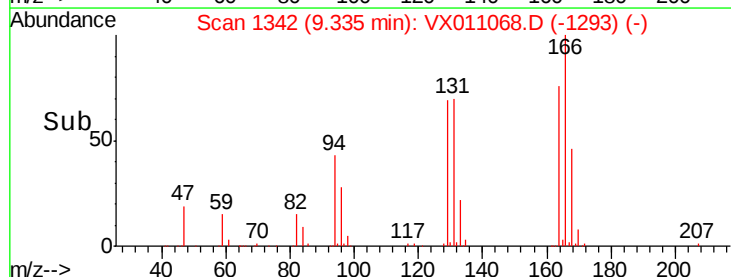
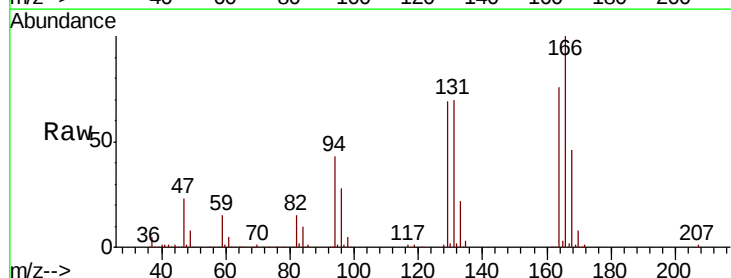
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

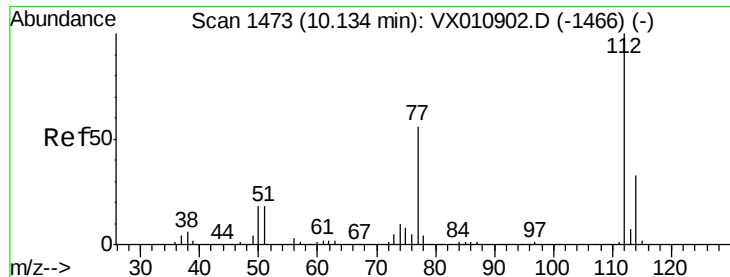
Tot Ion:117 Resp: 246991
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 18.092 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:164 Resp: 35153
Ion Ratio Lower Upper
164 100
166 131.5 100.8 151.2
129 90.2 72.6 109.0
131 91.8 67.7 101.5

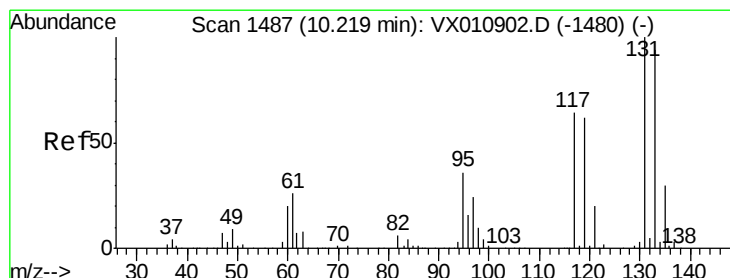
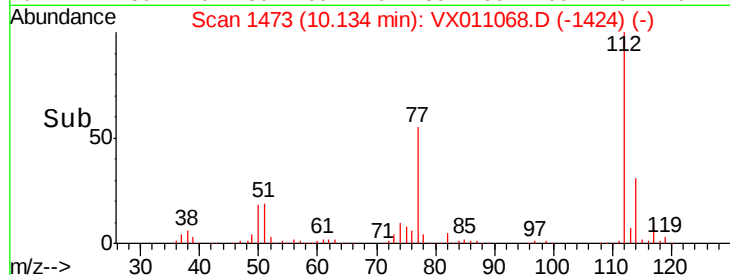
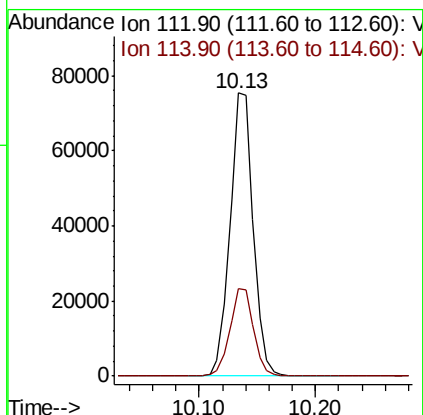
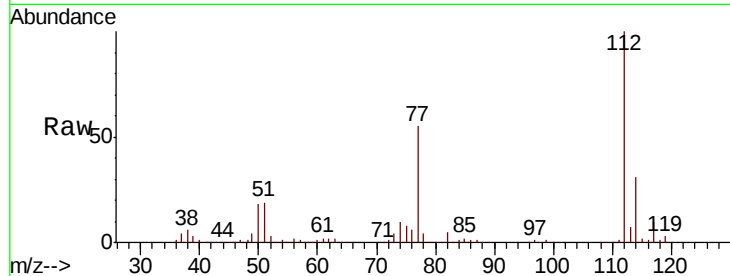




#65
Chlorobenzene
Concen: 20.621 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

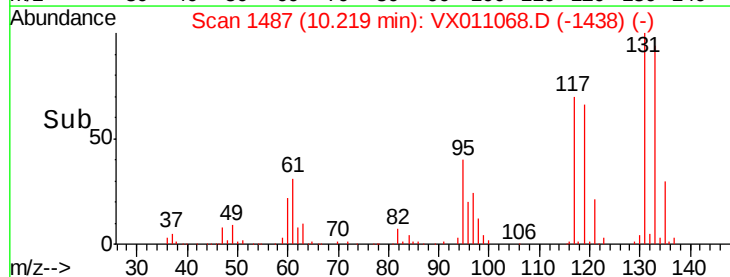
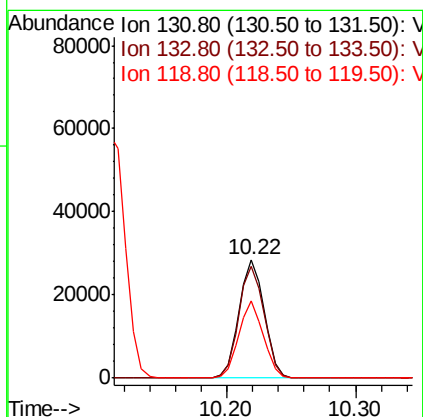
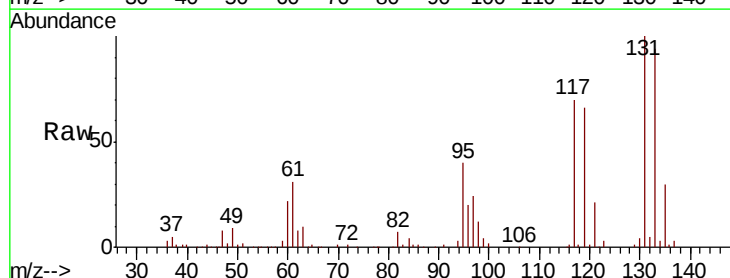
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

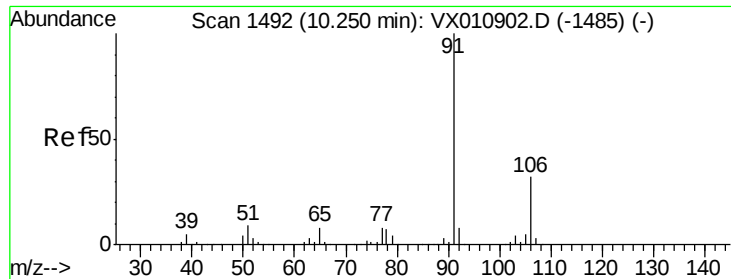
Tot Ion:112 Resp: 104608
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.808 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:131 Resp: 38882
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.2 31.9 95.7

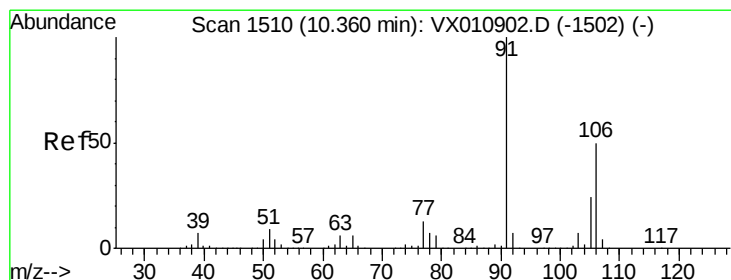
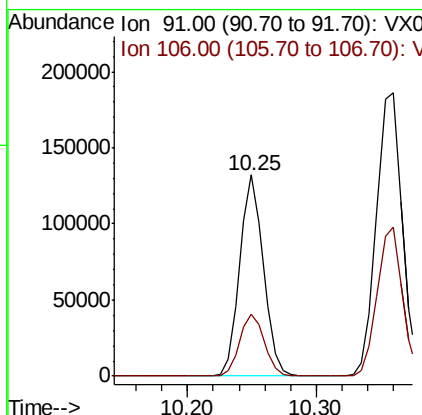
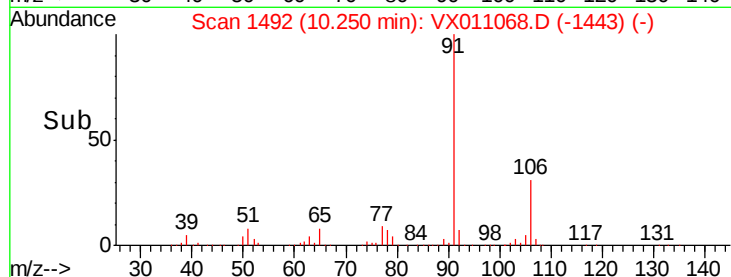
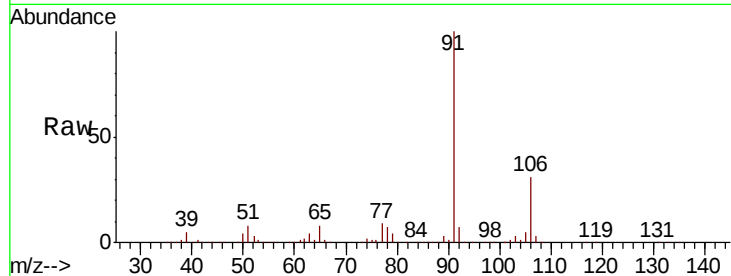




#67
Ethyl Benzene
Concen: 19.539 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

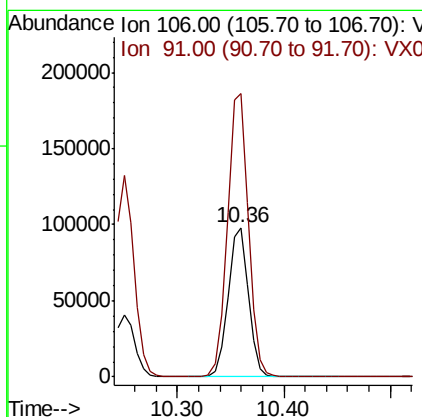
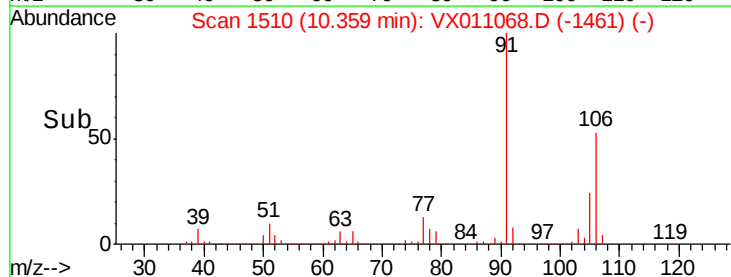
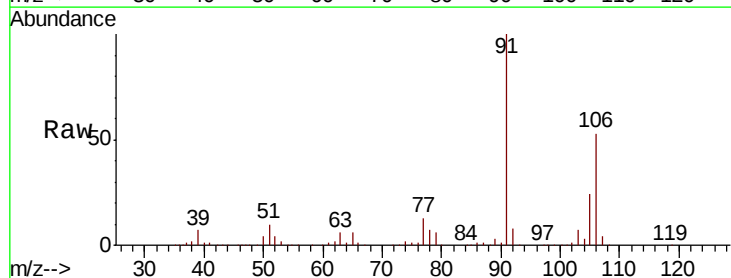
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

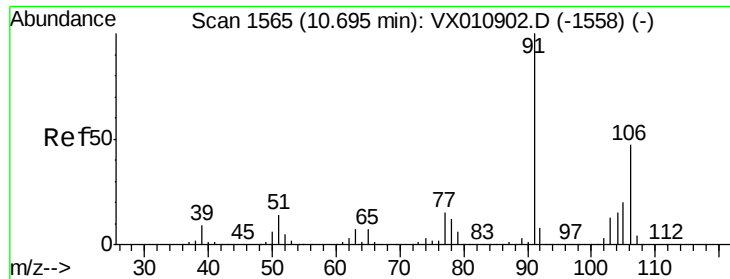
Tot Ion: 91 Resp: 168713
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 39.732 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 106 Resp: 131602
Ion Ratio Lower Upper
106 100
91 195.6 160.1 240.1

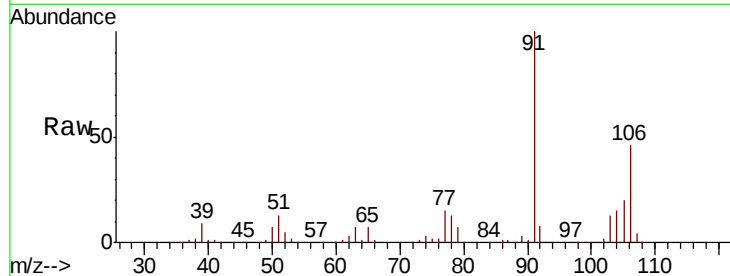




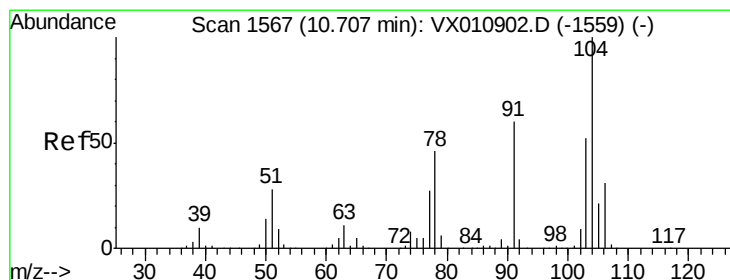
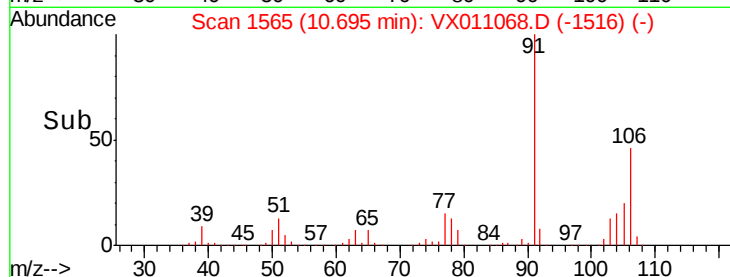
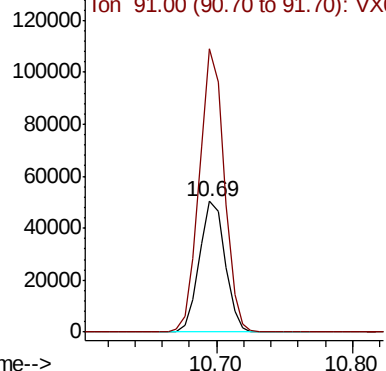
#69
o-Xylene
Concen: 20.619 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0725WBS01

Tot Ion:106 Resp: 66652
Ion Ratio Lower Upper
106 100
91 209.0 105.1 315.3

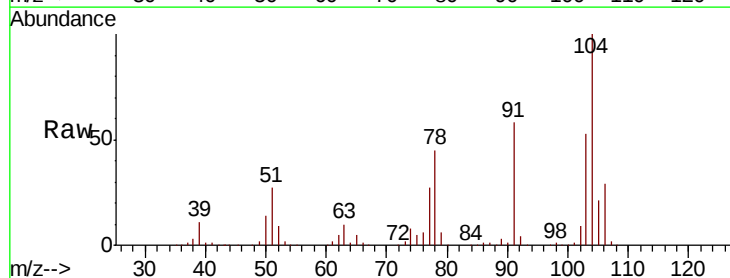


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

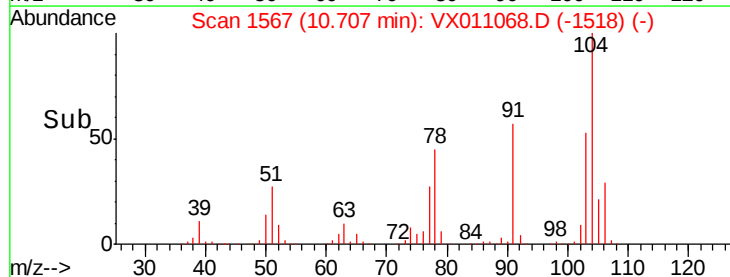
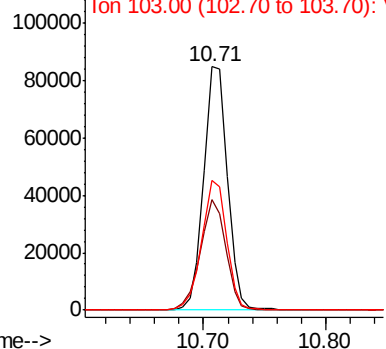


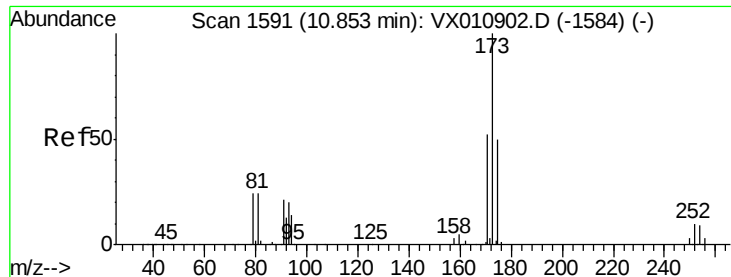
#70
Styrene
Concen: 21.059 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:104 Resp: 113482
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 56.3 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: 20.226 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

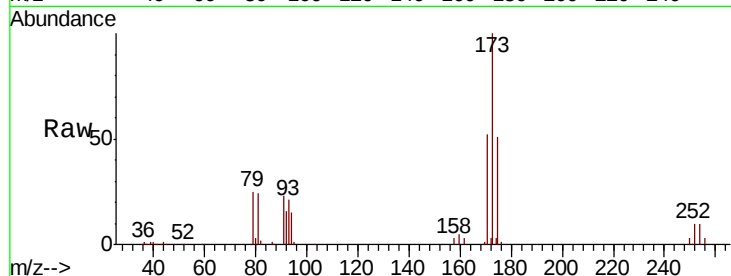
Tot Ion:173 Resp: 30238

Ion Ratio Lower Upper

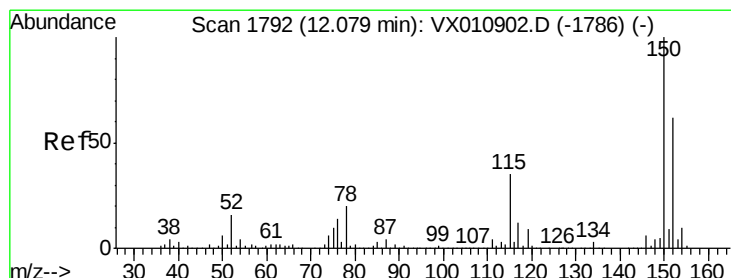
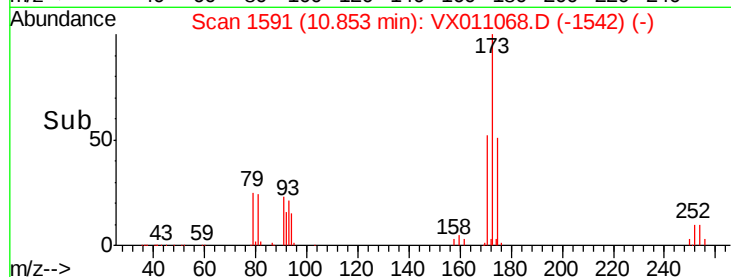
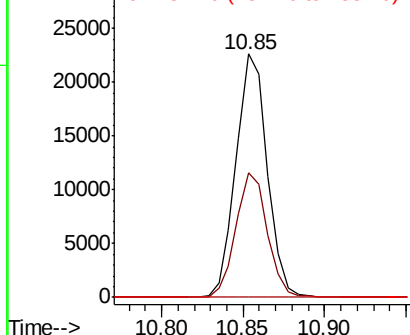
173 100

175 51.7 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

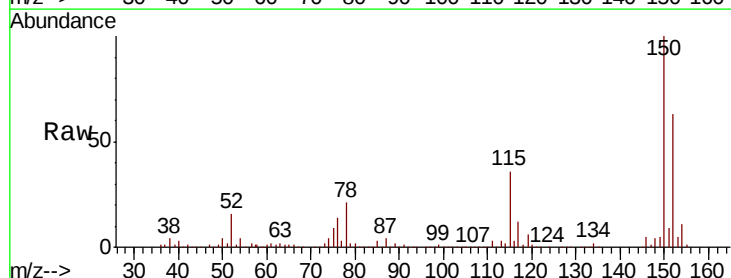
Tgt Ion:152 Resp: 124500

Ion Ratio Lower Upper

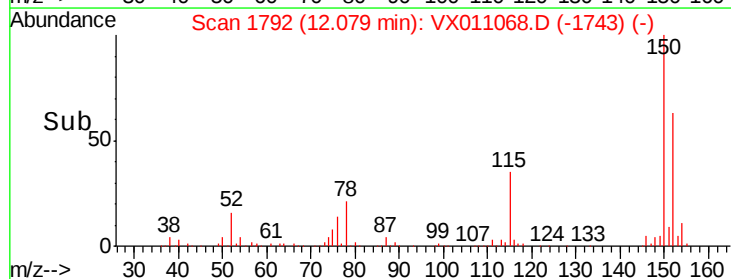
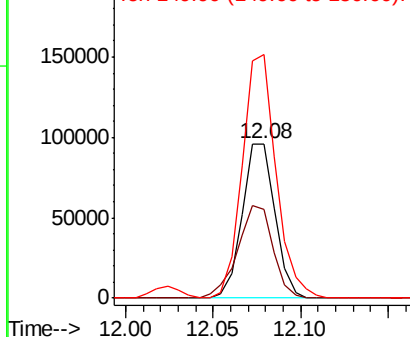
152 100

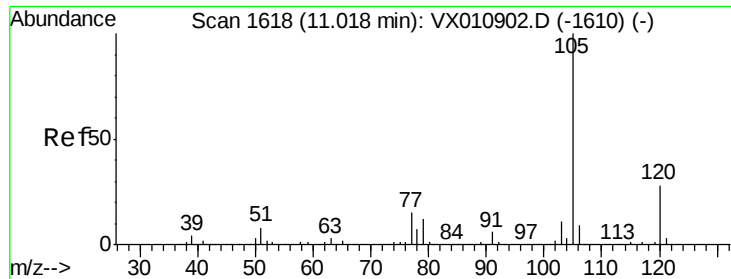
115 64.8 39.7 119.1

150 162.9 0.0 345.6



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





#73

Isopropylbenzene

Concen: 19.422 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

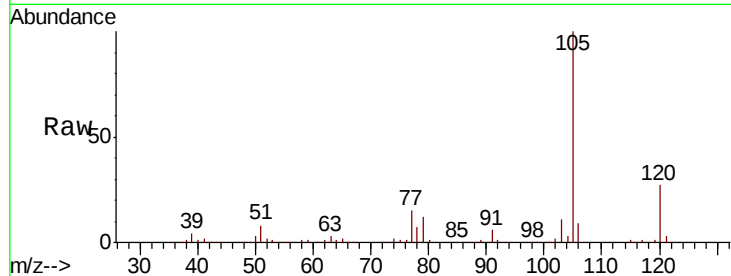
VX0725WBS01

Tot Ion:105 Resp: 163384

Ion Ratio Lower Upper

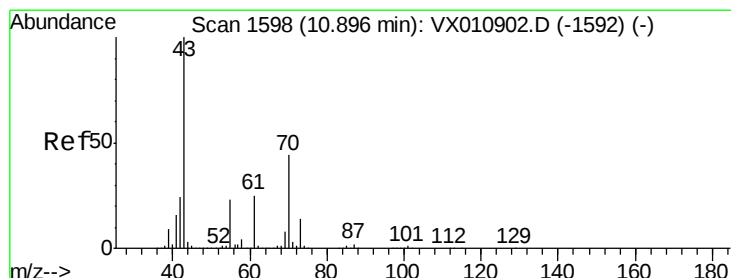
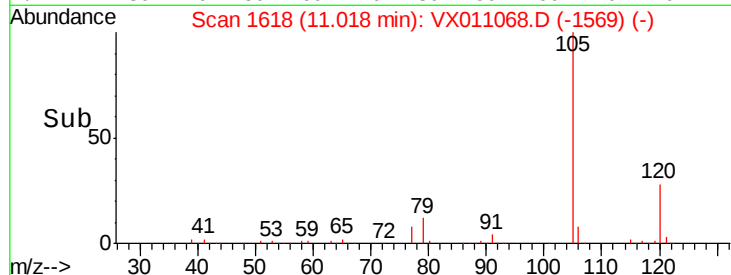
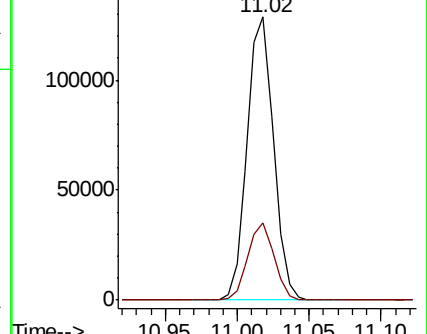
105 100

120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.403 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion: 43 Resp: 75225

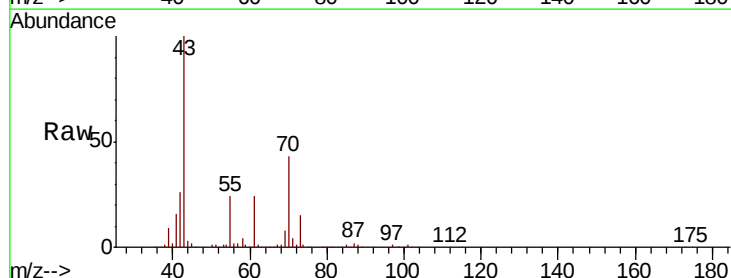
Ion Ratio Lower Upper

43 100

70 43.6 34.7 52.1

55 25.3 19.1 28.7

61 24.8 19.9 29.9

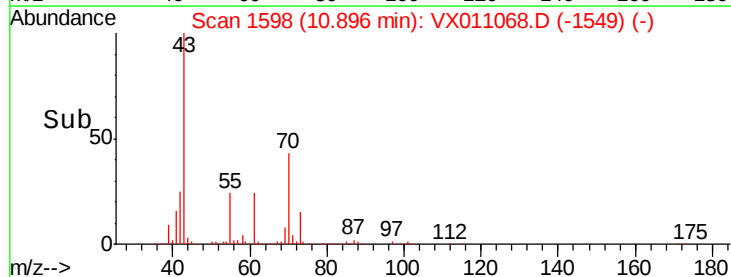
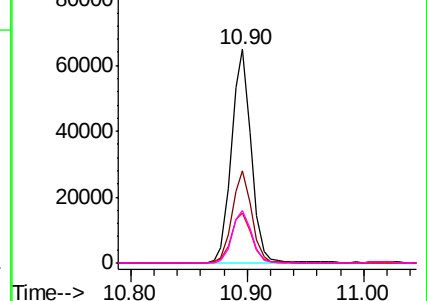


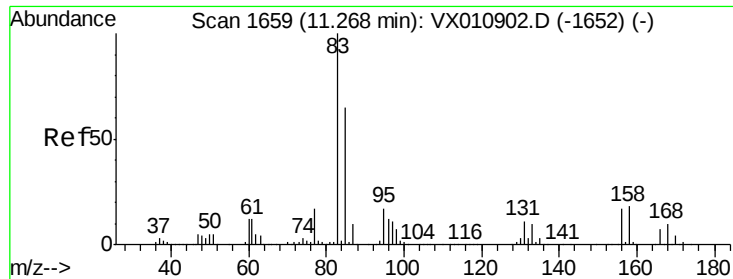
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.970 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

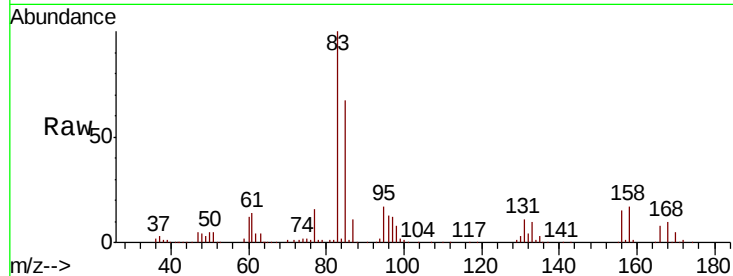
Tot Ion: 83 Resp: 65991

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

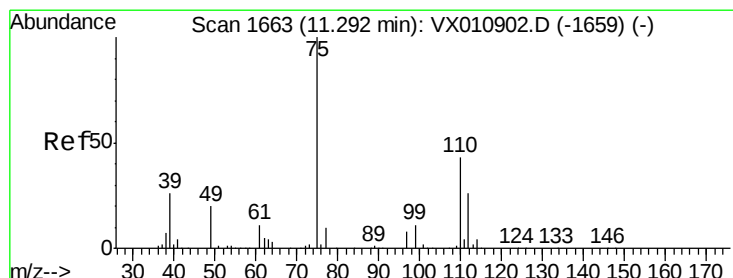
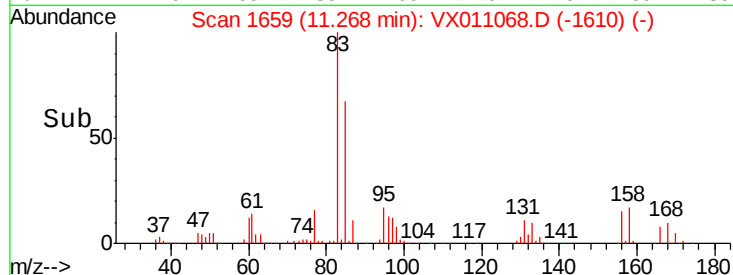
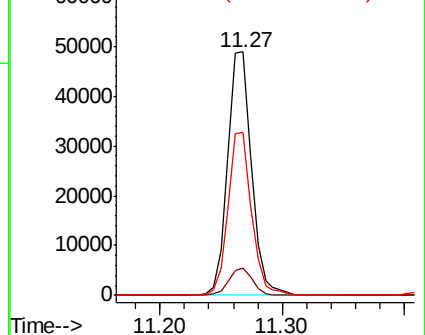
85 65.8 32.3 96.9



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: 30.899 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011068.D

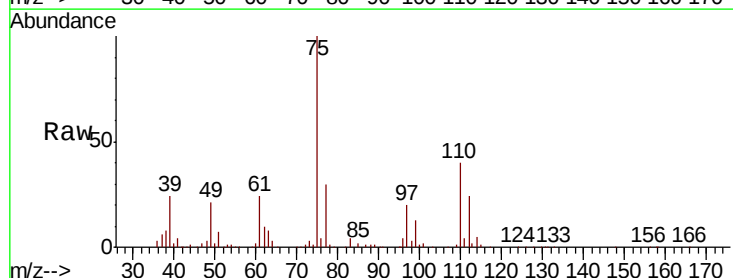
Acq: 25 Jul 2019 11:22

Tgt Ion: 75 Resp: 69420

Ion Ratio Lower Upper

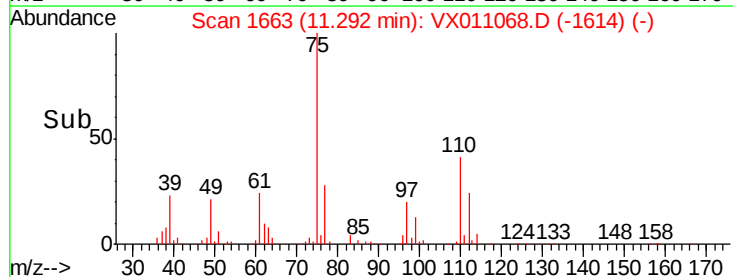
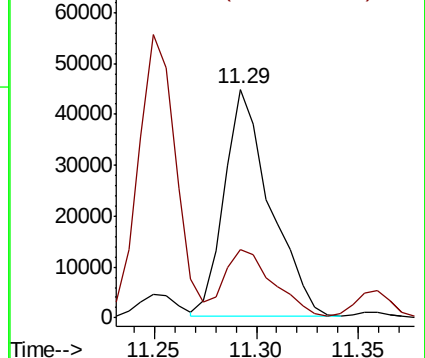
75 100

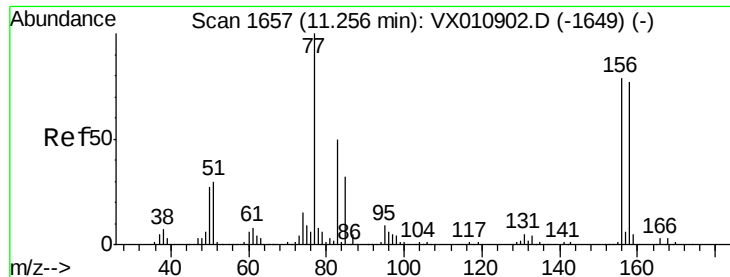
77 32.5 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.606 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

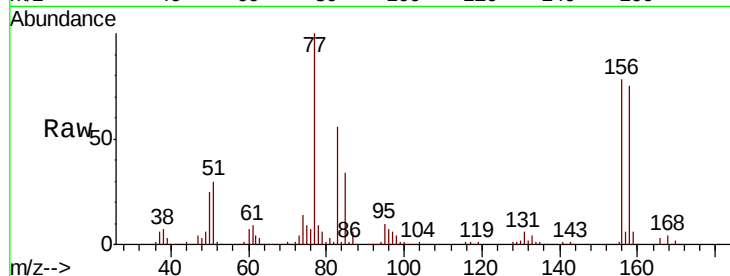
Tot Ion:156 Resp: 50135

Ion Ratio Lower Upper

156 100

77 141.0 68.7 206.1

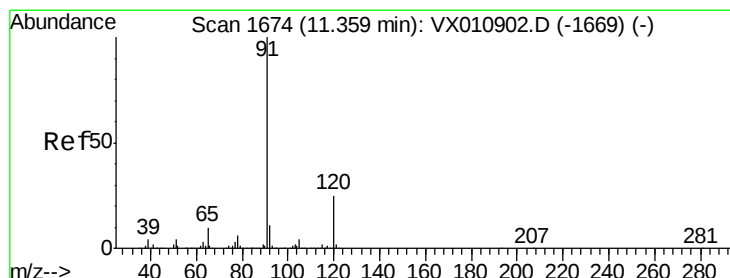
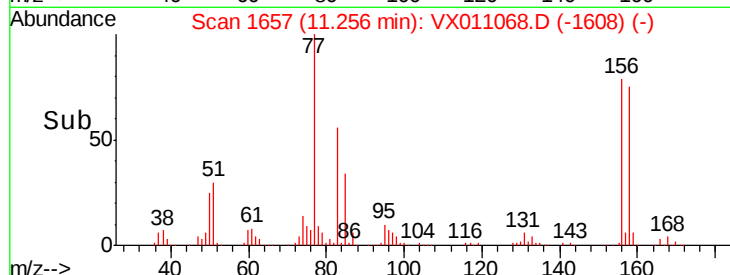
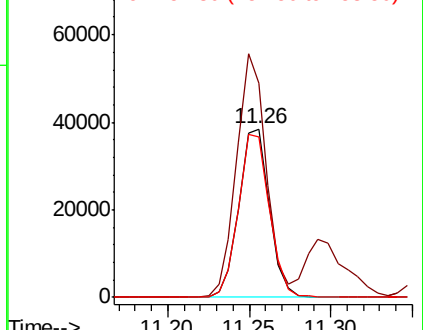
158 98.9 47.9 143.7



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: 18.905 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011068.D

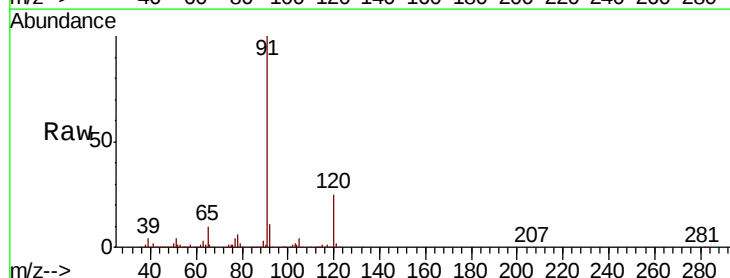
Acq: 25 Jul 2019 11:22

Tgt Ion: 91 Resp: 175719

Ion Ratio Lower Upper

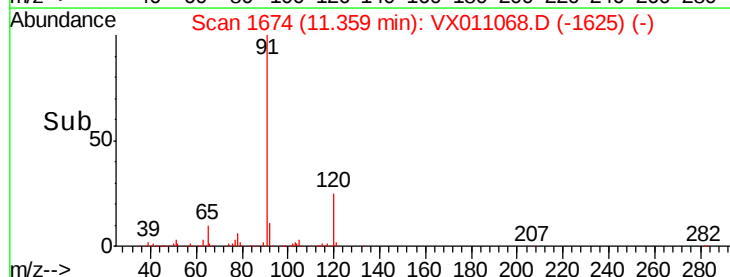
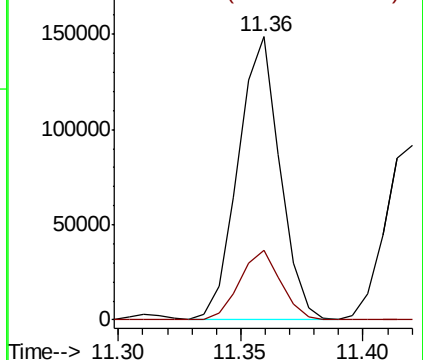
91 100

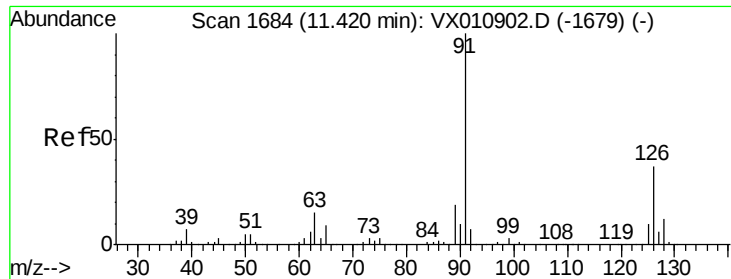
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

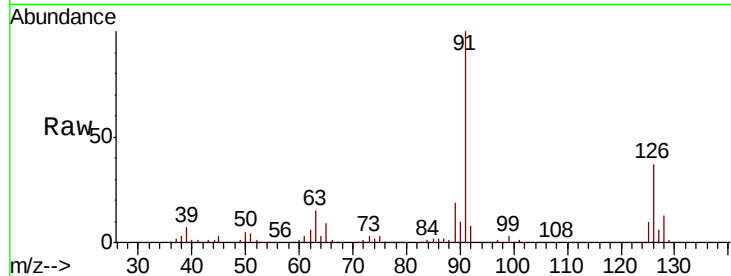




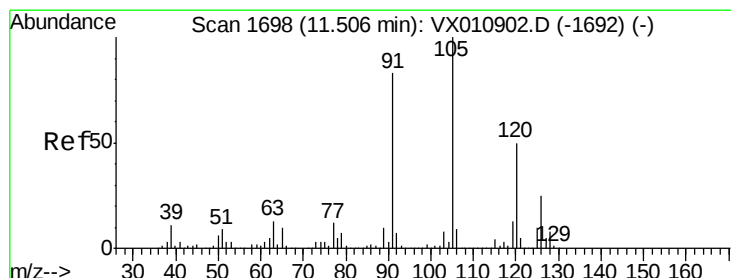
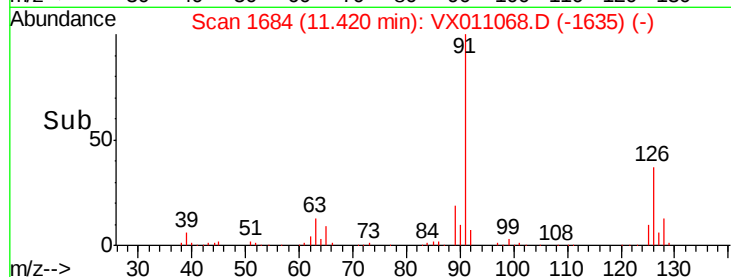
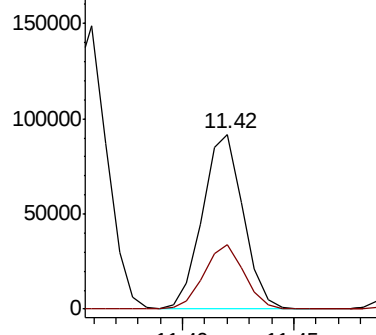
#79
2-Chlorotoluene
Concen: 20.898 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion: 91 Resp: 116688
Ion Ratio Lower Upper
91 100
126 36.5 18.0 54.0

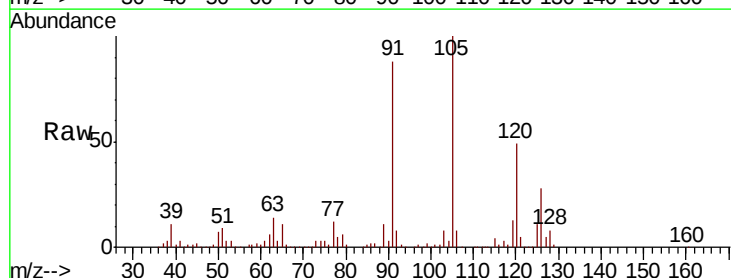


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

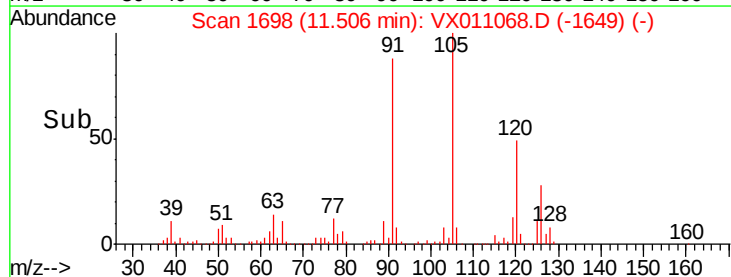
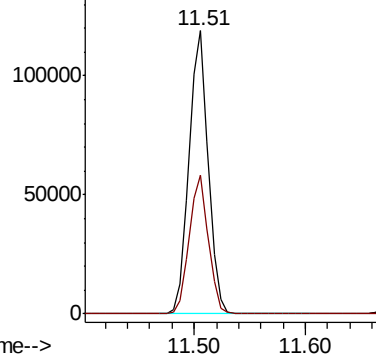


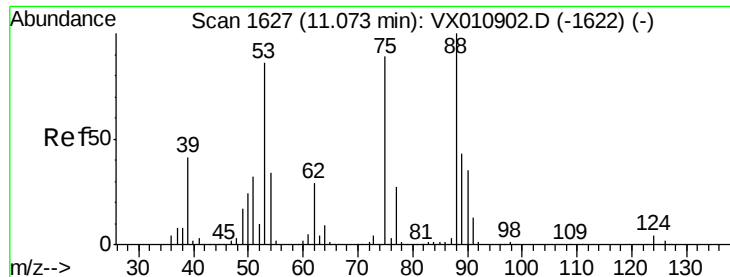
#80
1,3,5-Trimethylbenzene
Concen: 20.119 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:105 Resp: 141427
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.562 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

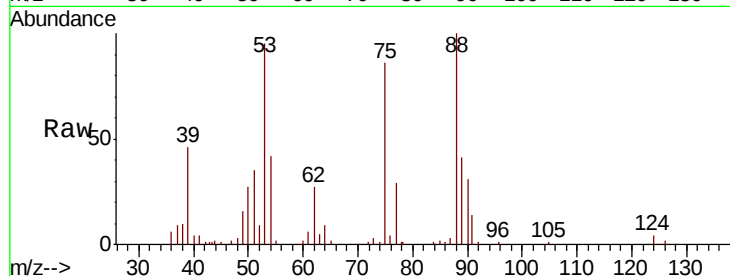
Tot Ion: 75 Resp: 16940

Ion Ratio Lower Upper

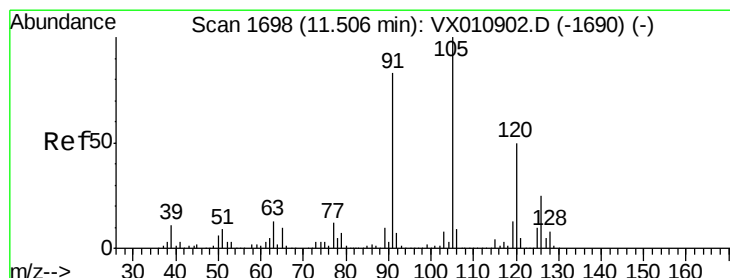
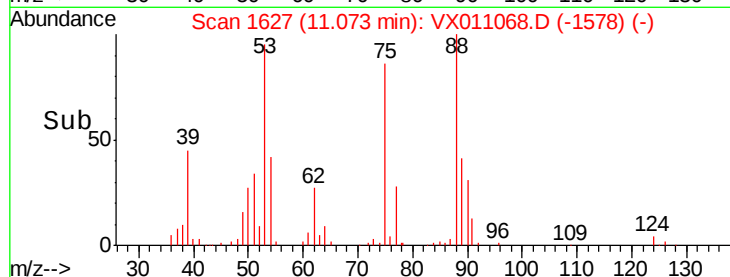
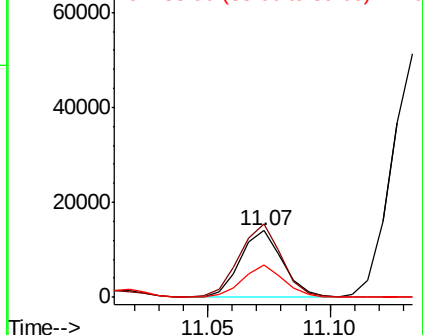
75 100

53 111.1 76.7 115.1

89 47.7 38.5 57.7



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: 20.573 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011068.D

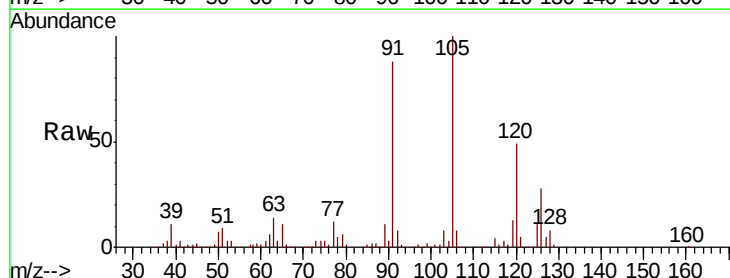
Acq: 25 Jul 2019 11:22

Tgt Ion: 91 Resp: 133705

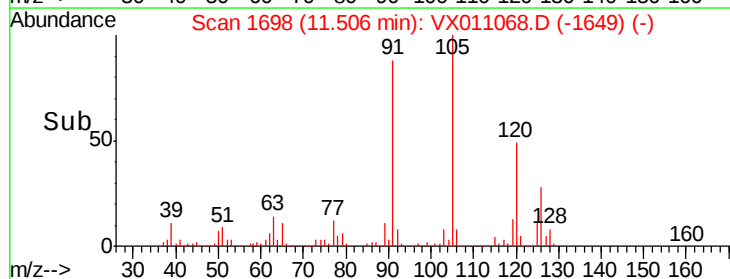
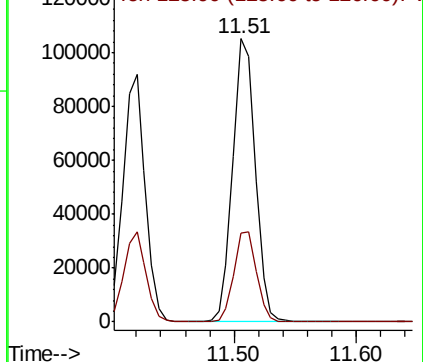
Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.7



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

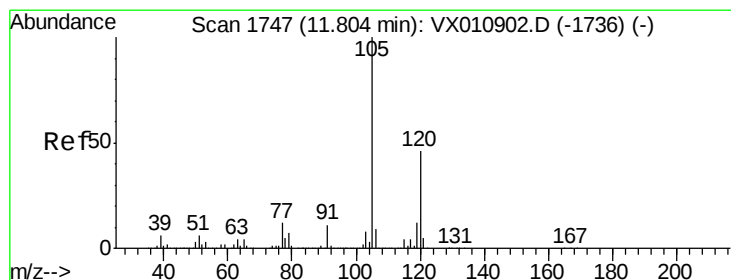
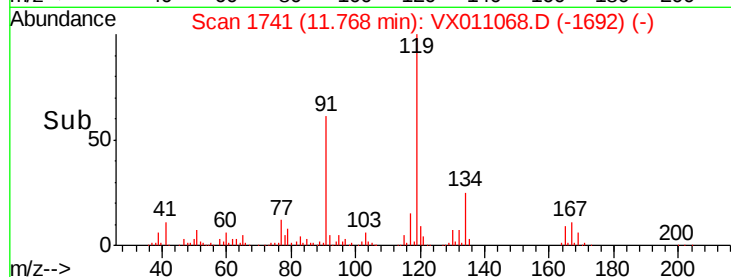
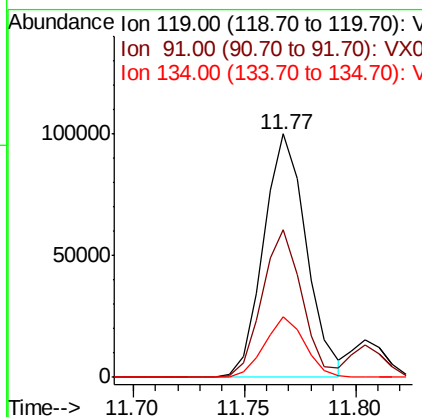
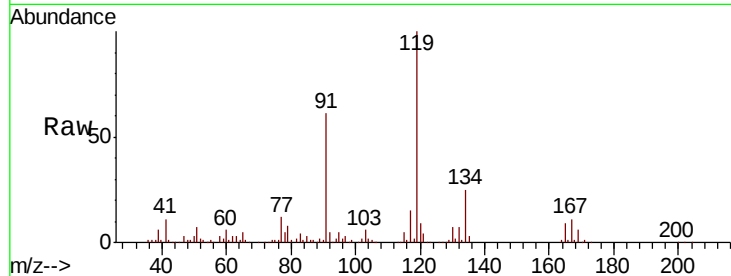




#83
 tert-Butylbenzene
 Concen: 19.316 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

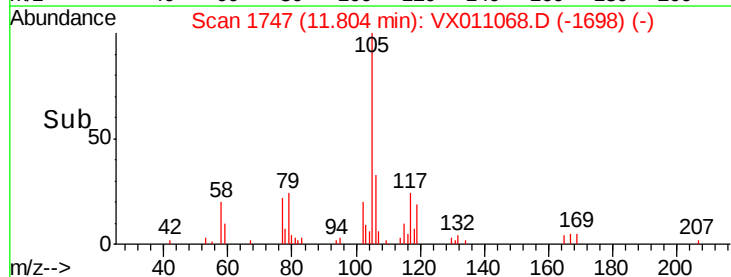
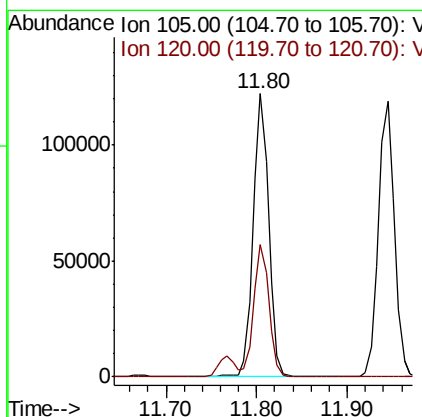
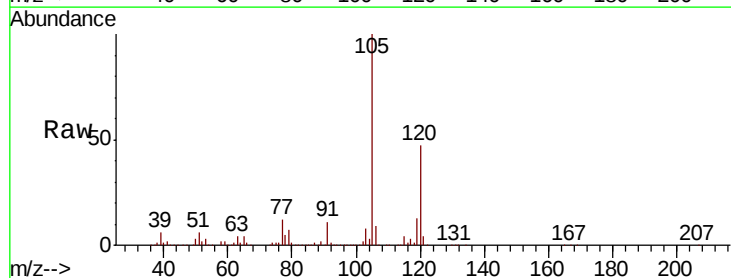
Instrument :
 MSVOA_X
 ClientSampled :
 VX0725WBS01

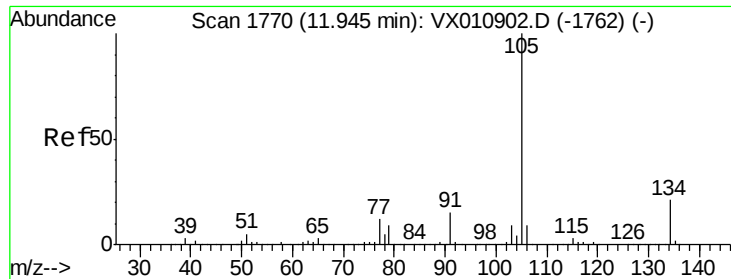
Tot Ion:119 Resp: 133370
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.6 85.8
 134 23.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.513 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion:105 Resp: 145335
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 17.951 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

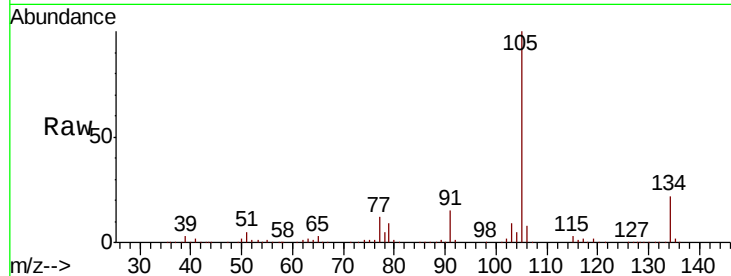
VX0725WBS01

Tot Ion:105 Resp: 145231

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

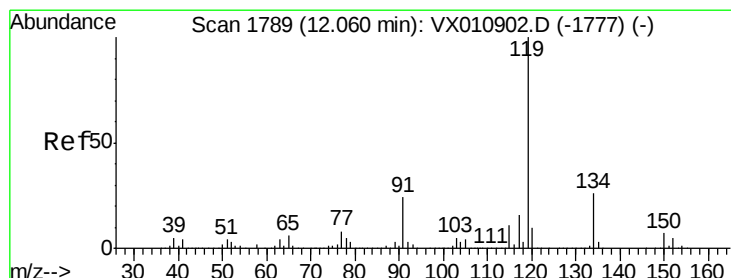
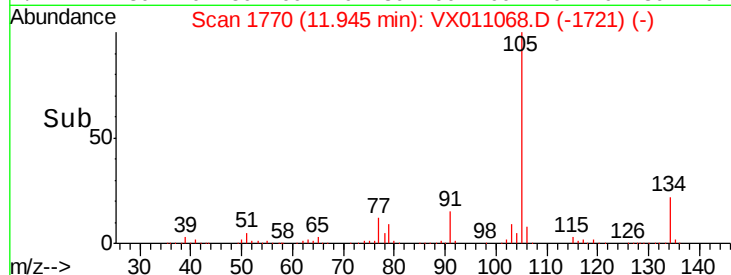
11.94

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.514 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

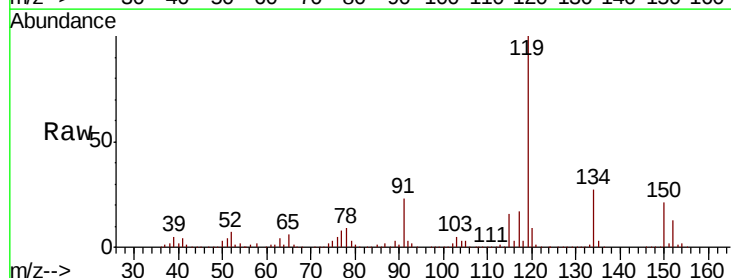
Tgt Ion:119 Resp: 138479

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

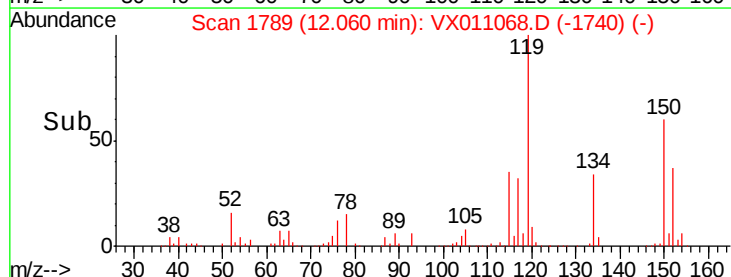
150000

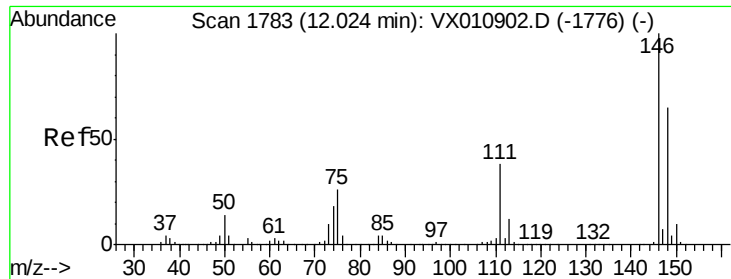
100000

50000

0

Time--> 12.00 12.05 12.10

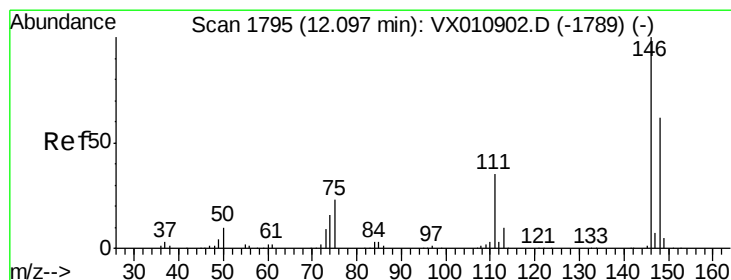
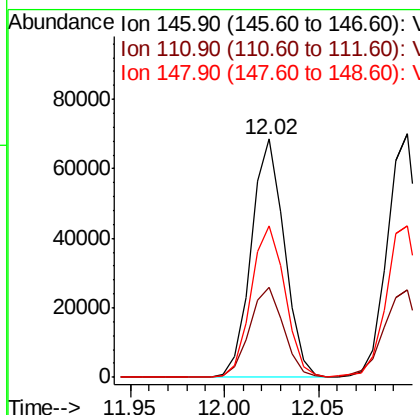
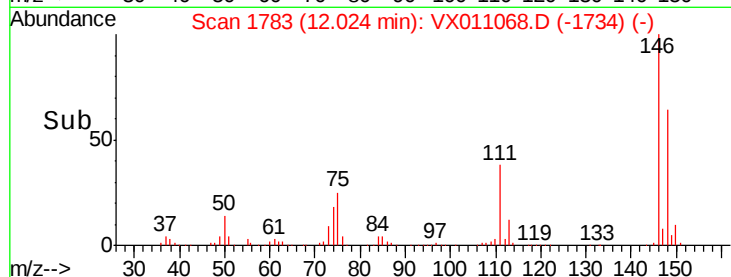
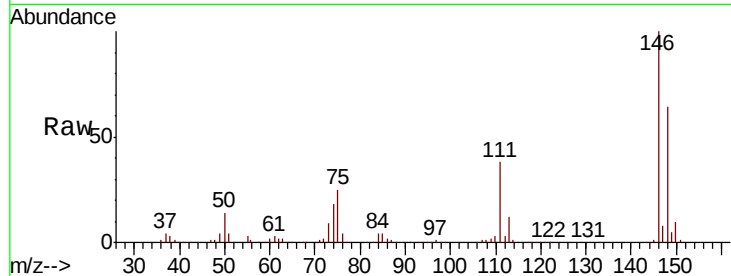




#87
 1,3-Dichlorobenzene
 Concen: 20.782 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

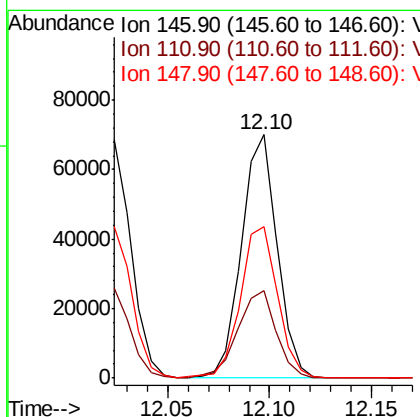
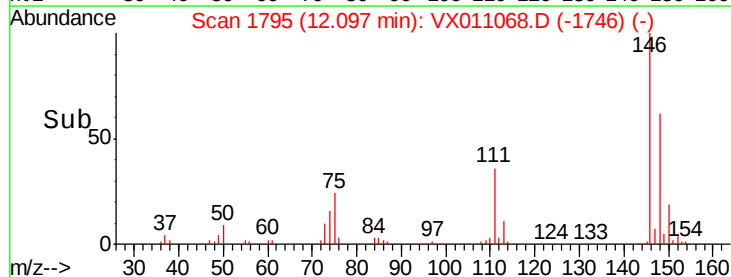
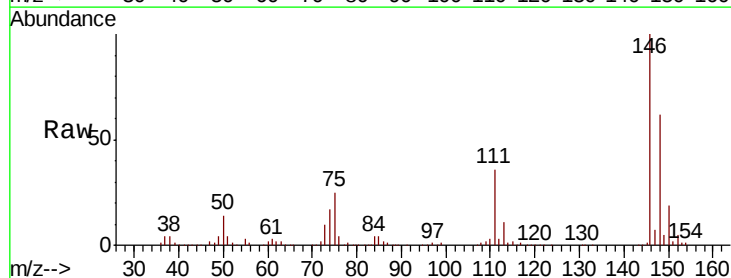
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

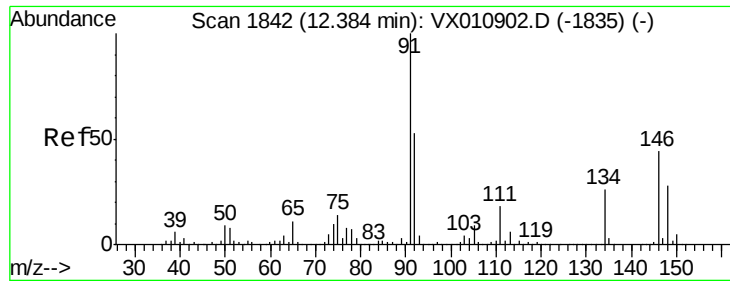
Tot Ion:146 Resp: 83688
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 65.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.524 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion:146 Resp: 84766
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.6 55.8
 148 65.1 31.6 94.7

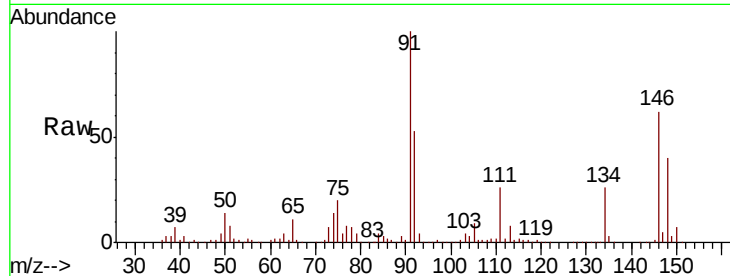




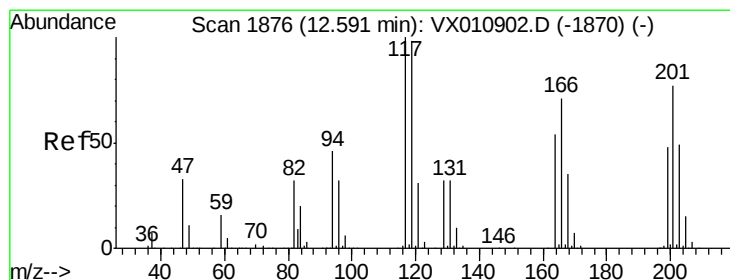
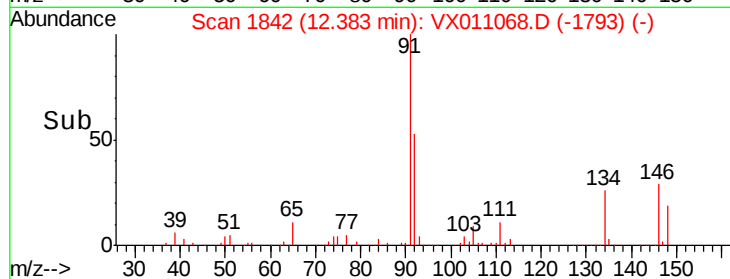
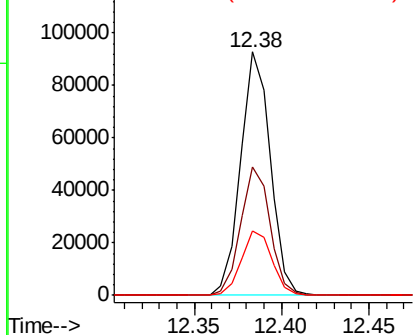
#89
n-Butylbenzene
Concen: 17.120 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0725WBS01

Tot Ion: 91 Resp: 109550
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.1 13.8 41.3

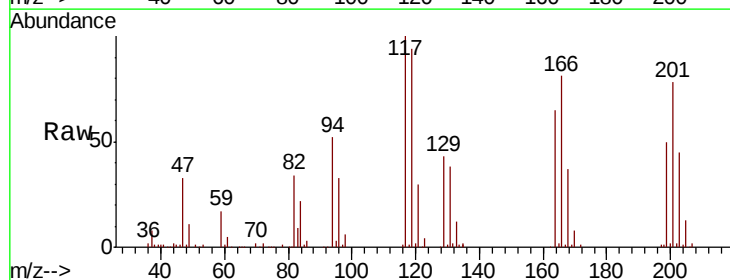


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

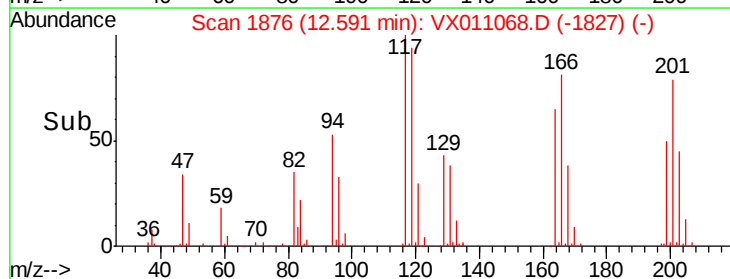
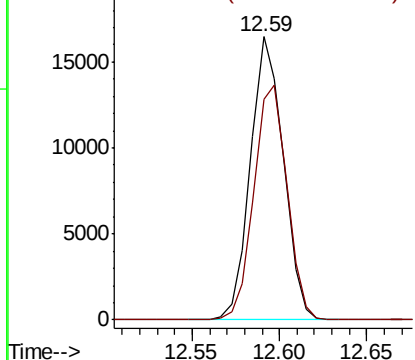


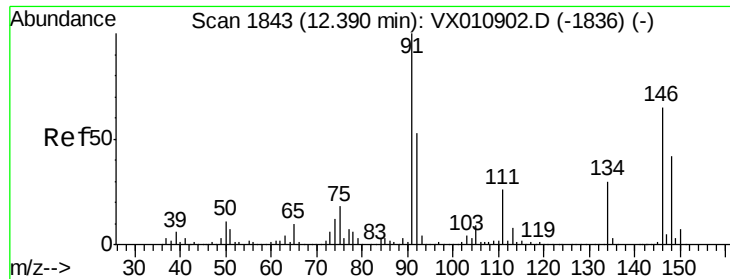
#90
Hexachloroethane
Concen: 18.292 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 117 Resp: 21580
Ion Ratio Lower Upper
117 100
201 83.4 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

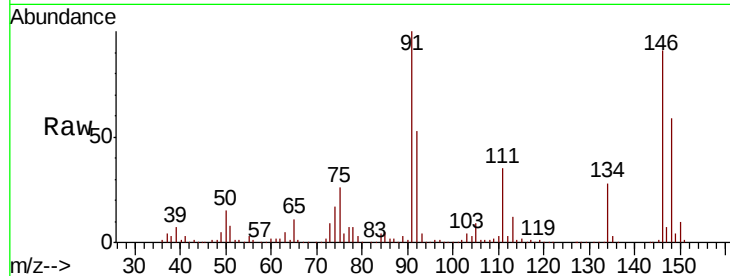




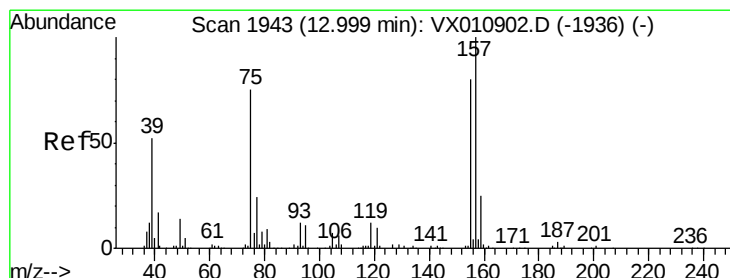
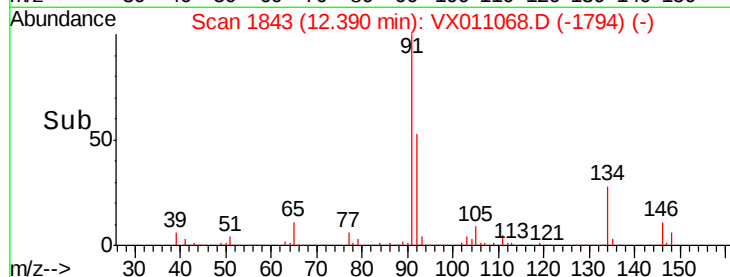
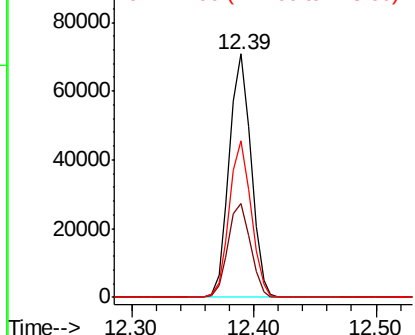
#91
 1,2-Dichlorobenzene
 Concen: 21.933 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion:146 Resp: 87536
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 64.1 32.0 96.2

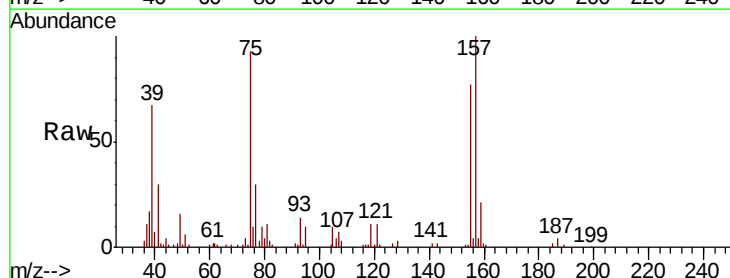


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

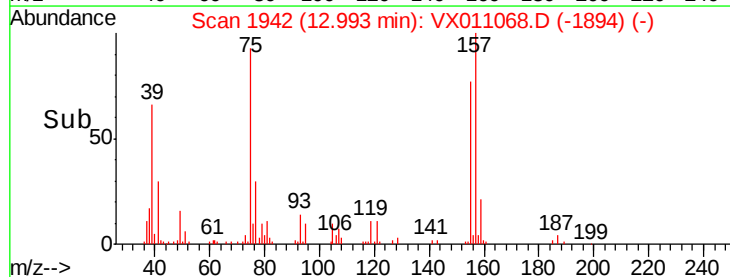
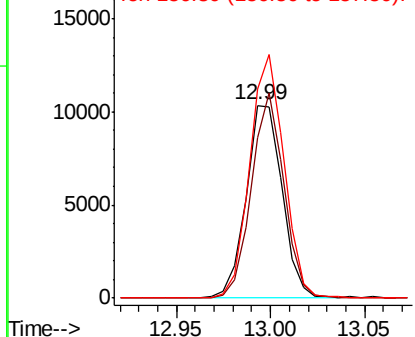


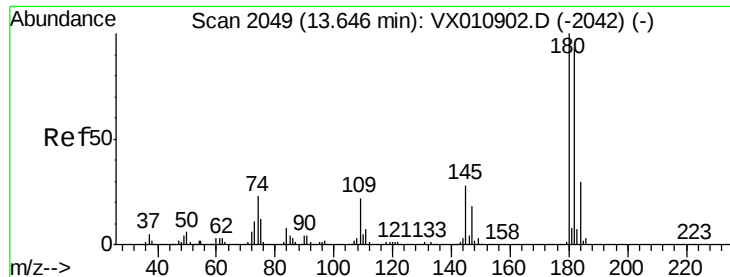
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.772 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 75 Resp: 13680
 Ion Ratio Lower Upper
 75 100
 155 95.9 48.7 146.1
 157 119.6 62.5 187.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

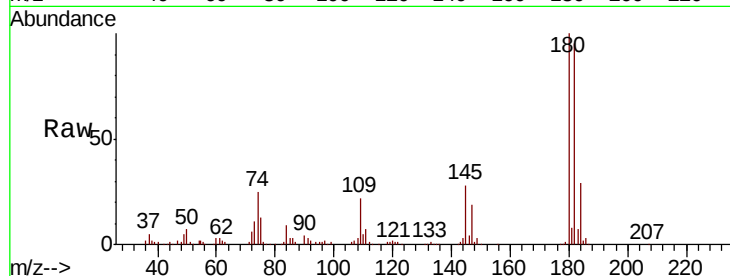




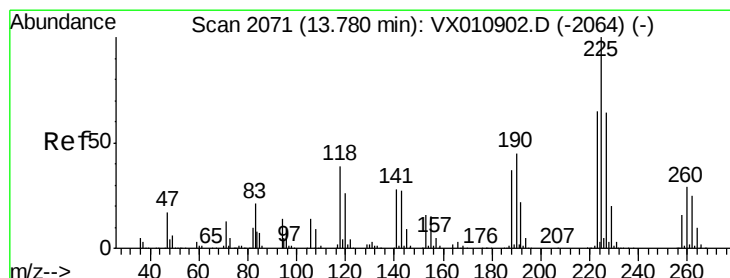
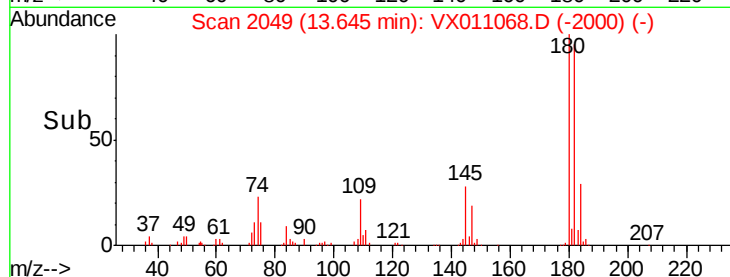
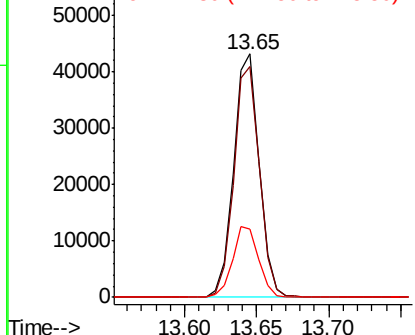
#93
1,2,4-Trichlorobenzene
Concen: 19.854 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion:180 Resp: 53701
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 29.6 14.8 44.4

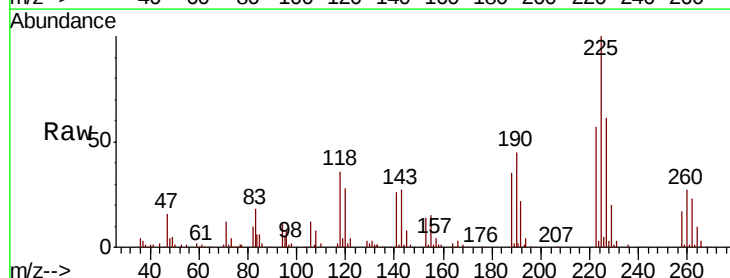


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

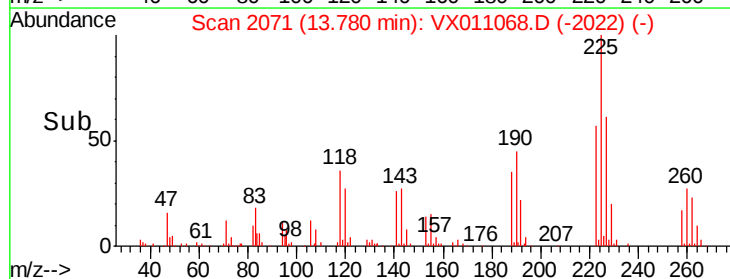
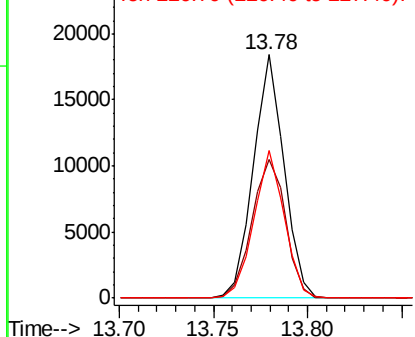


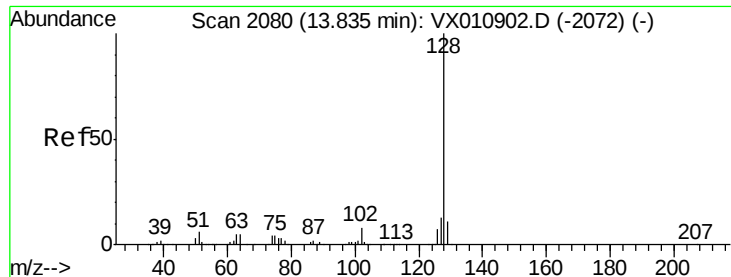
#94
Hexachlorobutadiene
Concen: 15.526 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:225 Resp: 20810
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 60.3 32.5 97.4



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

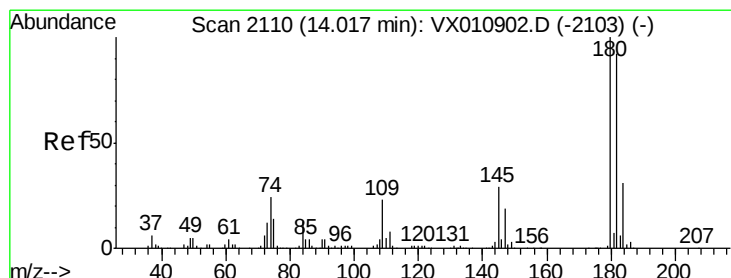
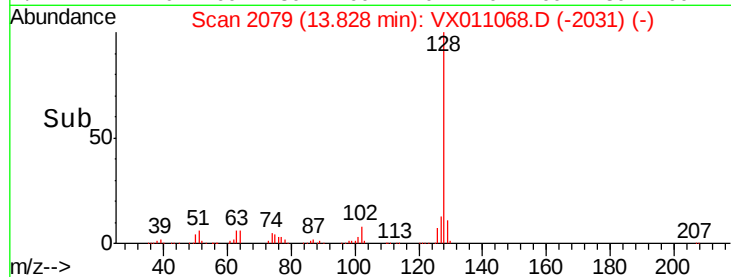
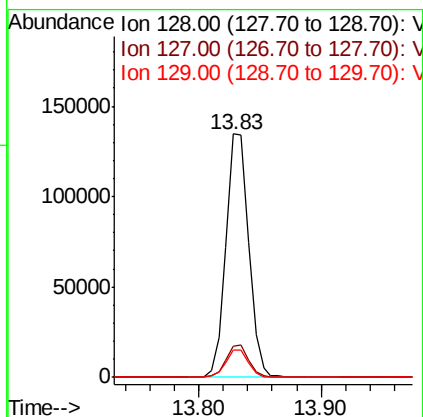
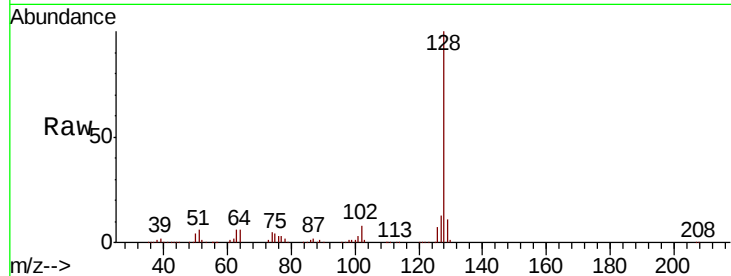




#95
Naphthalene
Concen: 21.705 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion:128 Resp: 173360
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.705 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:180 Resp: 55721
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 31.1 15.1 45.3

