

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011075.D
 Acq On : 25 Jul 2019 14:06
 Operator : JC/SP
 Sample : VX0725WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Quant Time: Jul 26 01:25:58 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	196020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105302	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	93218	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	350414	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	129698	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	38179	18.613	ug/l	98
3) Chloromethane	1.33	50	32893	18.248	ug/l	97
4) Vinyl Chloride	1.41	62	35506	19.311	ug/l	98
5) Bromomethane	1.64	94	21882	21.119	ug/l	98
6) Chloroethane	1.72	64	24853	21.270	ug/l	93
7) Trichlorofluoromethane	1.93	101	61404	19.729	ug/l	97
8) Diethyl Ether	2.19	74	20946	19.533	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35077	19.739	ug/l	98
10) Methyl Iodide	2.51	142	40915	17.545	ug/l	99
11) Tert butyl alcohol	3.04	59	47668	98.151	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33593	19.240	ug/l	96
13) Acrolein	2.29	56	18777	66.918	ug/l	94
14) Allyl chloride	2.73	41	48639	19.178	ug/l	99
15) Acrylonitrile	3.14	53	95597	97.412	ug/l	99
16) Acetone	2.45	43	84015	89.202	ug/l	97
17) Carbon Disulfide	2.57	76	73312	16.369	ug/l	100
18) Methyl Acetate	2.78	43	45299	21.122	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	110766	19.707	ug/l	100
20) Methylene Chloride	2.85	84	38435	19.256	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34403	18.570	ug/l	100
22) Diisopropyl ether	3.86	45	106489	19.909	ug/l	91
23) Vinyl Acetate	3.81	43	445436	98.286	ug/l	98
24) 1,1-Dichloroethane	3.70	63	60103	19.348	ug/l	98
25) 2-Butanone	4.67	43	131968	97.609	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45678	17.909	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41032	19.138	ug/l	100
28) Bromochloromethane	5.02	49	28303	19.335	ug/l	96
29) Tetrahydrofuran	5.13	42	83066	96.993	ug/l	99
30) Chloroform	5.21	83	65300	19.448	ug/l	98
31) Cyclohexane	5.58	56	51894	18.328	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	56208	19.349	ug/l	100
36) 1,1-Dichloropropene	5.80	75	46474	19.341	ug/l	99
37) Ethyl Acetate	4.83	43	48357	19.654	ug/l	96
38) Carbon Tetrachloride	5.79	117	47552	18.991	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Quant Time: Jul 26 01:25:58 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	57487	18.449	ug/l	97
40) Benzene	6.14	78	143661	19.518	ug/l	99
41) Methacrylonitrile	5.04	41	25057	17.940	ug/l	96
42) 1,2-Dichloroethane	6.19	62	51157	19.989	ug/l	99
43) Isopropyl Acetate	6.45	43	77587	19.178	ug/l	99
44) Trichloroethene	7.21	130	42146	19.344	ug/l	95
45) 1,2-Dichloropropane	7.51	63	37442	19.986	ug/l	95
46) Dibromomethane	7.66	93	26824	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	46171	19.376	ug/l	98
48) Methyl methacrylate	7.77	41	37607	19.081	ug/l	98
49) 1,4-Dioxane	7.74	88	22021	399.438	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	264486	100.849	ug/l	100
52) Toluene	8.78	92	92505	19.131	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47194	18.419	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54314	19.050	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39085	19.632	ug/l	98
56) Ethyl methacrylate	9.18	69	58128	19.960	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61318	19.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	143808	103.445	ug/l	98
59) 2-Hexanone	9.49	43	205304	100.930	ug/l	99
60) Dibromochloromethane	9.58	129	39535	18.910	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41108	19.456	ug/l	99
64) Tetrachloroethene	9.34	164	41738	19.812	ug/l	98
65) Chlorobenzene	10.13	112	105647	19.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37867	19.589	ug/l	98
67) Ethyl Benzene	10.25	91	181214	19.356	ug/l	98
68) m/p-Xylenes	10.36	106	141094	39.288	ug/l	98
69) o-Xylene	10.69	106	68687	19.597	ug/l	100
70) Styrene	10.71	104	115448	19.759	ug/l	99
71) Bromoform	10.85	173	28196	17.752	ug/l #	99
73) Isopropylbenzene	11.02	105	184597	19.824	ug/l	100
74) N-amyl acetate	10.90	43	69183	19.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60485	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64159	25.799	ug/l	86
77) Bromobenzene	11.26	156	50699	19.738	ug/l	99
78) n-propylbenzene	11.36	91	203179	19.747	ug/l	99
79) 2-Chlorotoluene	11.42	91	122970	19.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154842	19.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15066	18.107	ug/l	90
82) 4-Chlorotoluene	11.51	91	141537	19.675	ug/l	100
83) tert-Butylbenzene	11.77	119	152930	20.009	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	154909	19.752	ug/l	99
85) sec-Butylbenzene	11.94	105	181539	20.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	165374	19.974	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89394	20.055	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	87594	19.160	ug/l	98
89) n-Butylbenzene	12.38	91	138460	19.547	ug/l	100
90) Hexachloroethane	12.60	117	23653	18.113	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	89357	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13073	20.523	ug/l	93

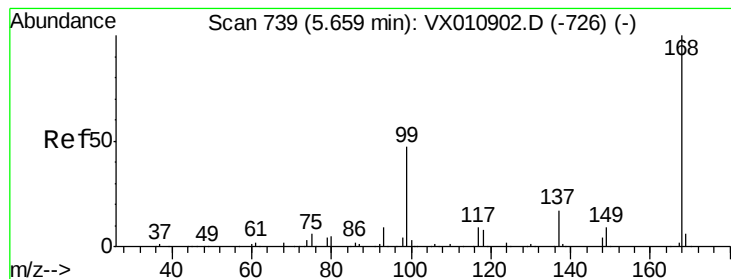
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
Data File : VX011075.D
Acq On : 25 Jul 2019 14:06
Operator : JC/SP
Sample : VX0725WBSD02
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ClientSampleId :
VX0725WBSD02

Quant Time: Jul 26 01:25:58 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	58936	19.685	ug/l	99
94) Hexachlorobutadiene	13.78	225	30232	20.377	ug/l	96
95) Naphthalene	13.83	128	172986	19.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61468	20.634	ug/l	98

(#) = 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: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

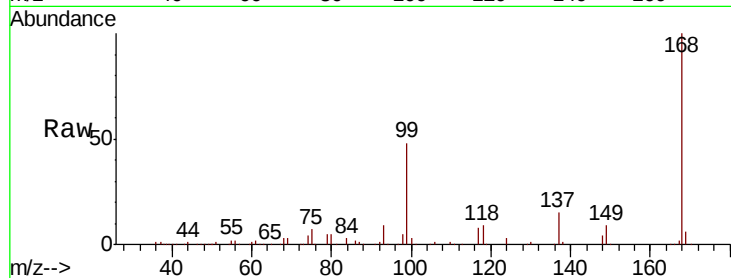
VX0725WBSD02

Tot Ion:168 Resp: 196020

Ion Ratio Lower Upper

168 100

99 47.6 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

80000

60000

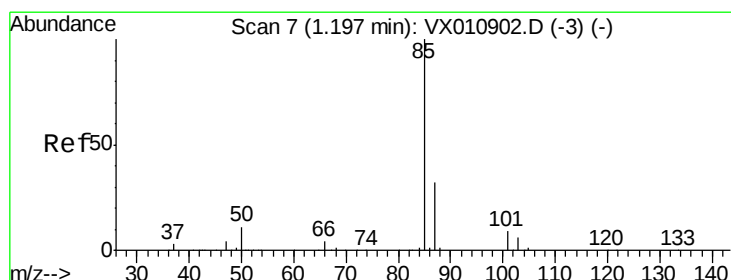
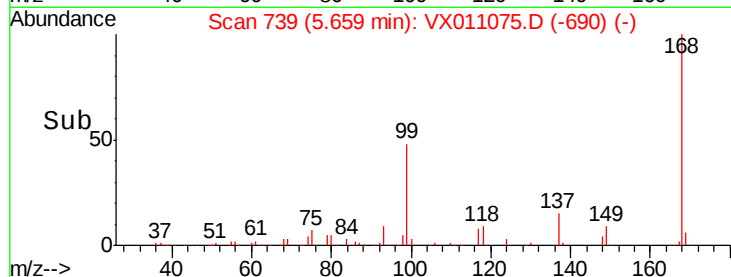
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.613 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011075.D

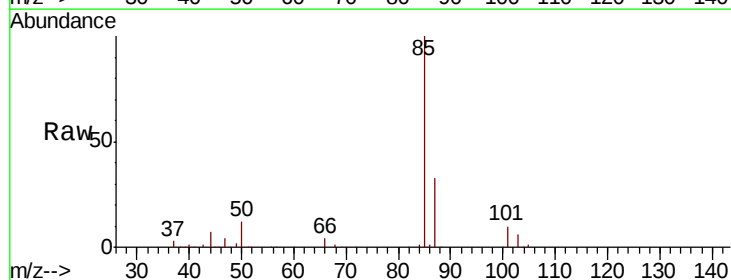
Acq: 25 Jul 2019 14:06

Tgt Ion: 85 Resp: 38179

Ion Ratio Lower Upper

85 100

87 32.7 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

40000

30000

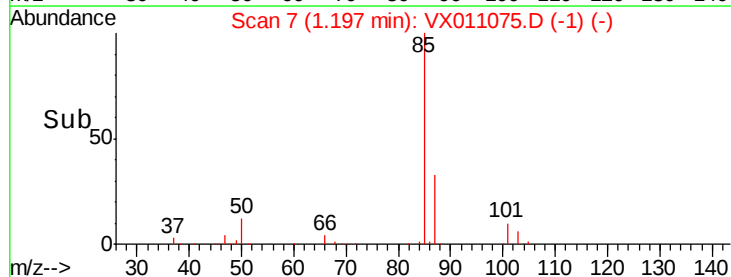
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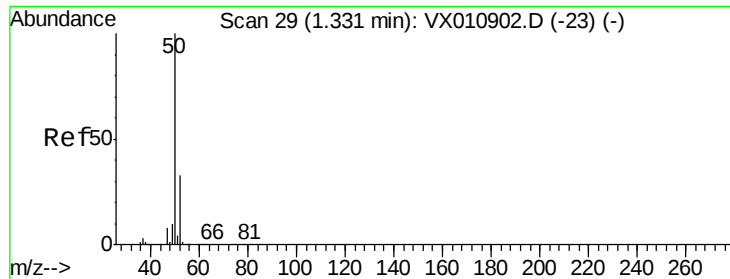
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0

Time-->

1.15 1.20 1.25 1.30

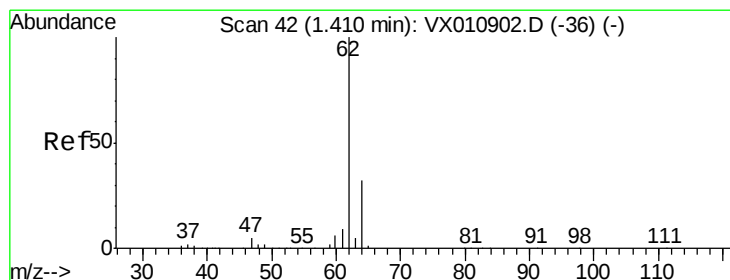
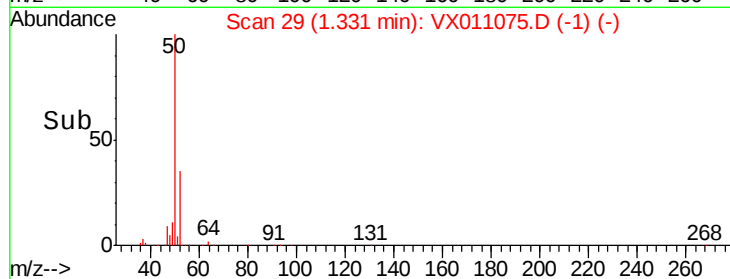
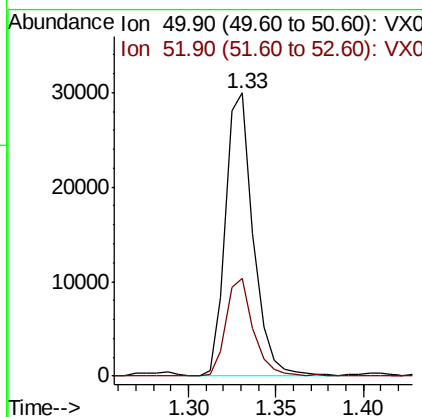
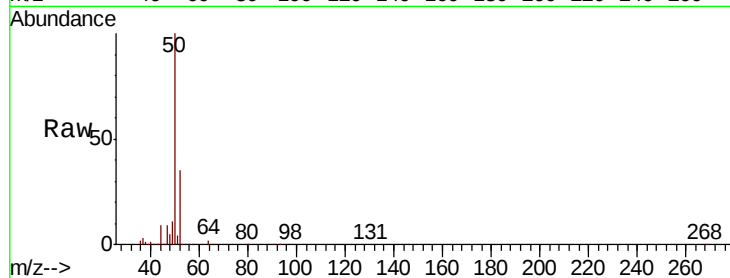




#3
Chloromethane
Concen: 18.248 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

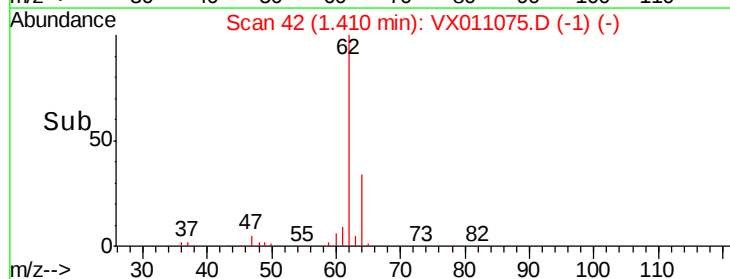
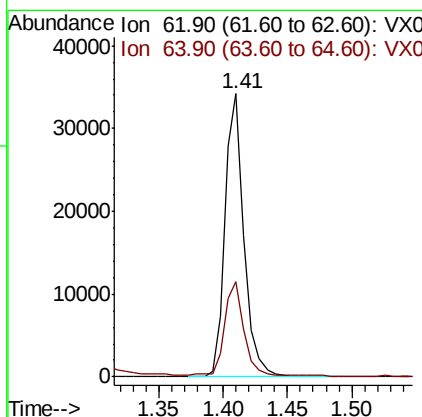
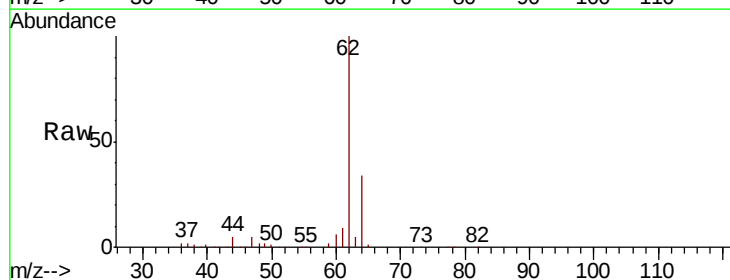
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

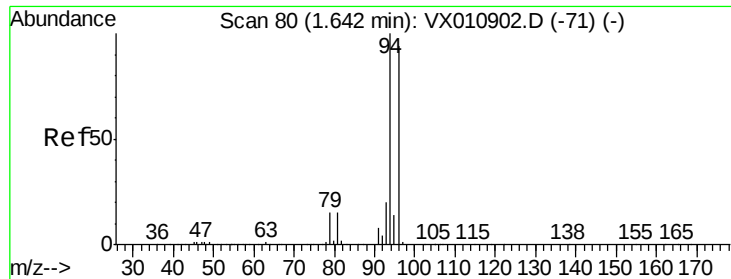
Tot Ion: 50 Resp: 32893
Ion Ratio Lower Upper
50 100
52 34.8 26.4 39.6



#4
Vinyl Chloride
Concen: 19.311 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 62 Resp: 35506
Ion Ratio Lower Upper
62 100
64 33.2 25.7 38.5





#5

Bromomethane

Concen: 21.119 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

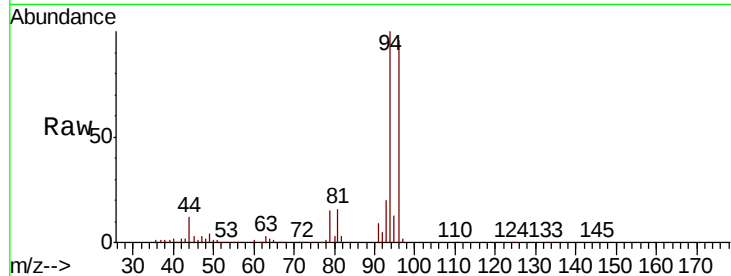
VX0725WBSD02

Tot Ion: 94 Resp: 21882

Ion Ratio Lower Upper

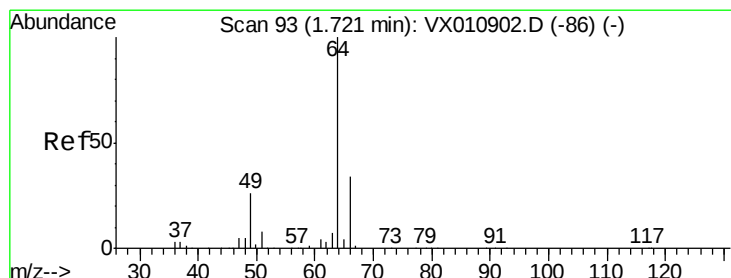
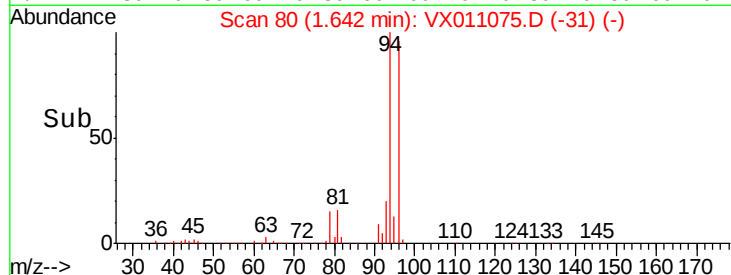
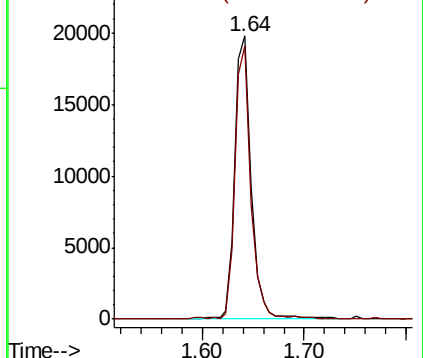
94 100

96 96.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.270 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011075.D

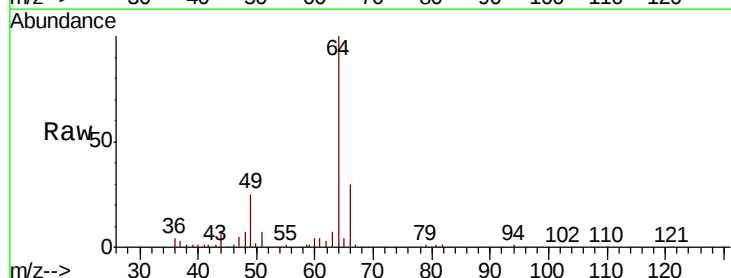
Acq: 25 Jul 2019 14:06

Tgt Ion: 64 Resp: 24853

Ion Ratio Lower Upper

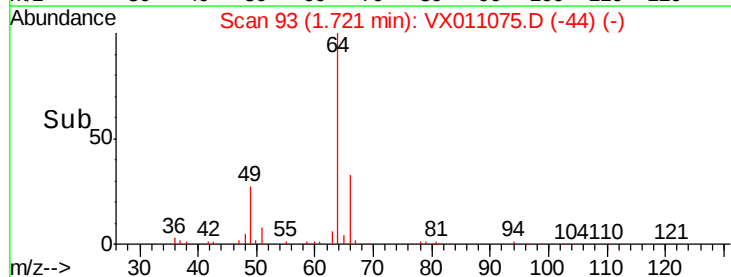
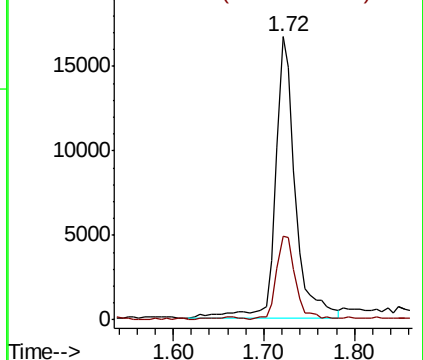
64 100

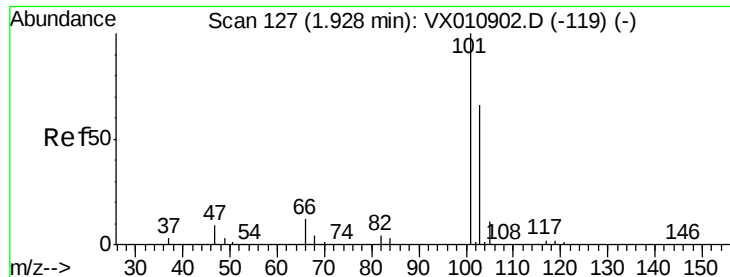
66 29.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



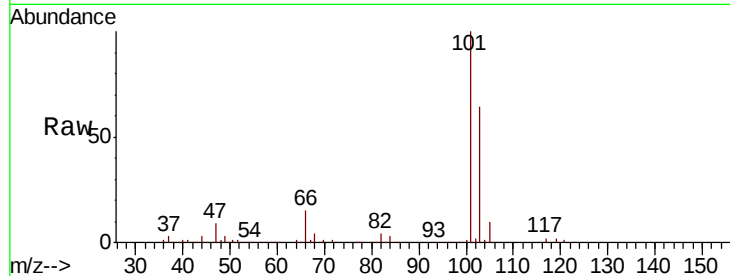


#7

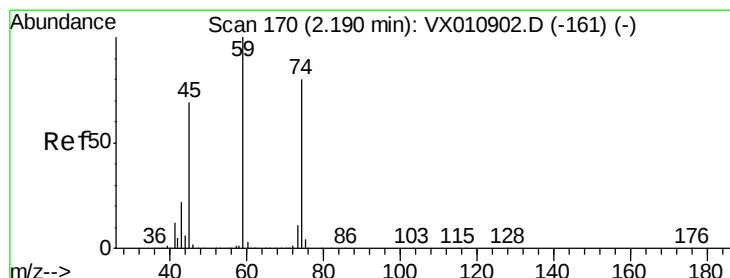
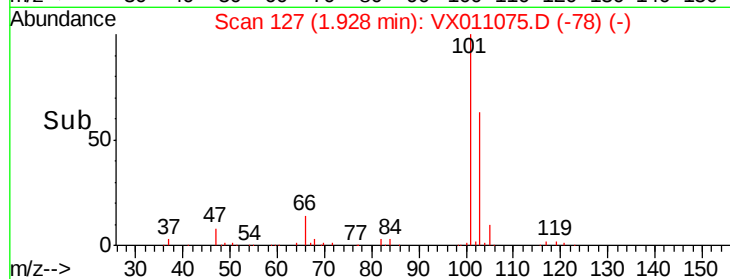
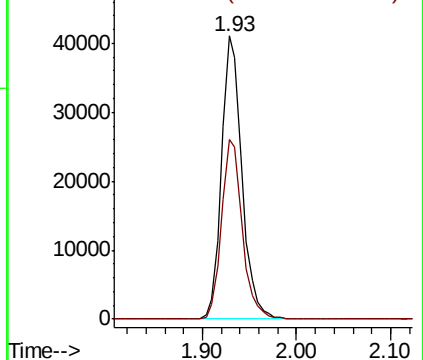
Trichlorofluoromethane
Concen: 19.729 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion:101 Resp: 61404
Ion Ratio Lower Upper
101 100
103 63.6 52.6 78.8



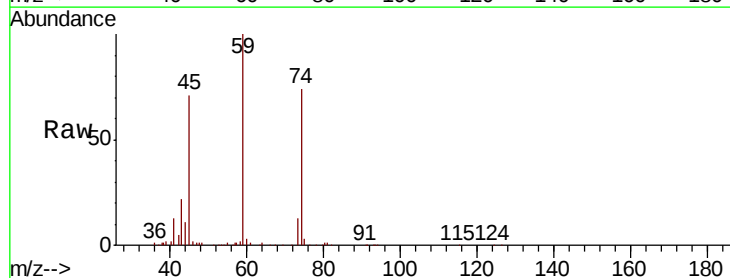
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



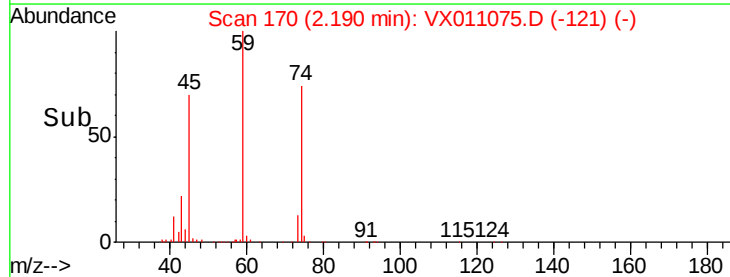
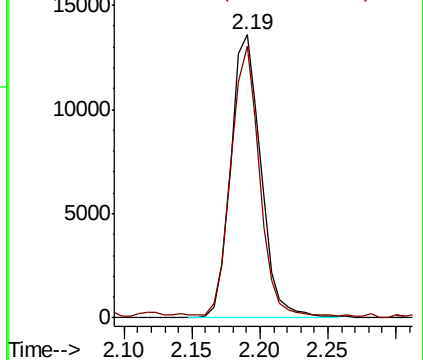
#8

Diethyl Ether
Concen: 19.533 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 74 Resp: 20946
Ion Ratio Lower Upper
74 100
45 90.0 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.739 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

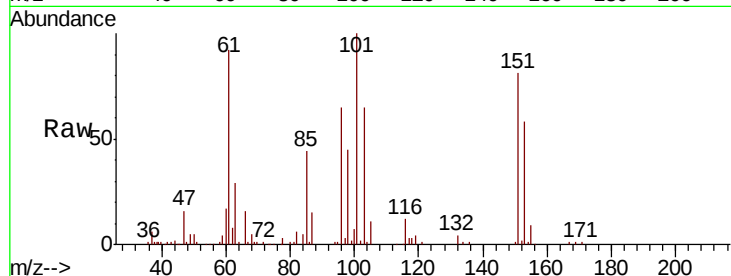
Tot Ion:101 Resp: 35077

Ion Ratio Lower Upper

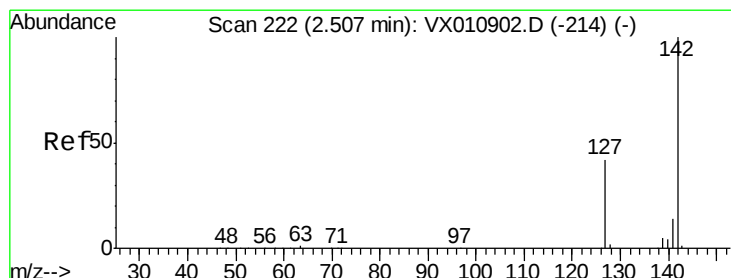
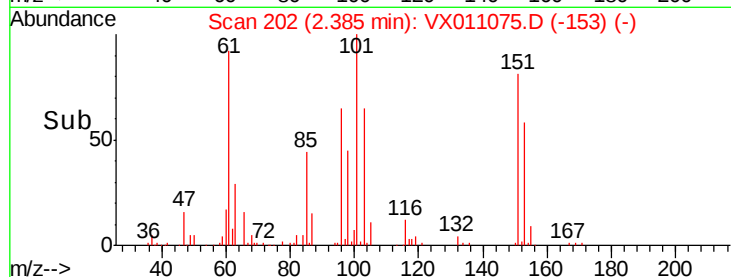
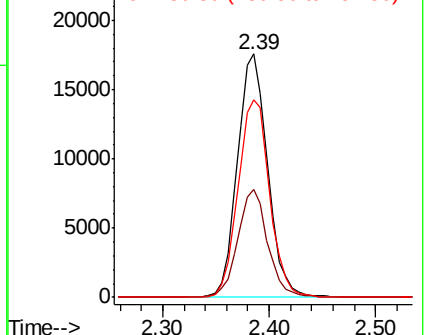
101 100

85 43.9 34.6 52.0

151 84.4 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: 17.545 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

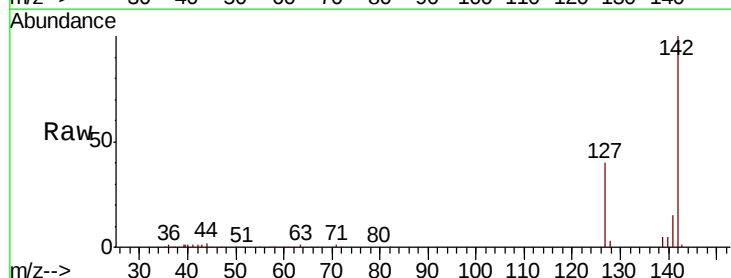
Tgt Ion:142 Resp: 40915

Ion Ratio Lower Upper

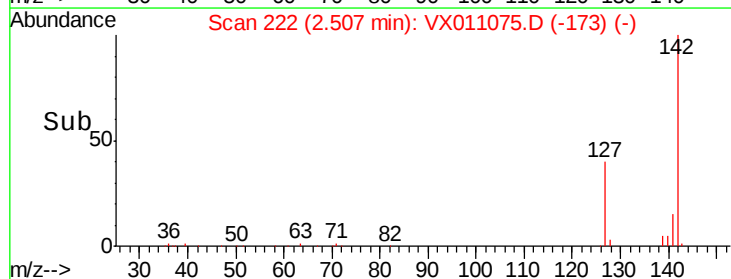
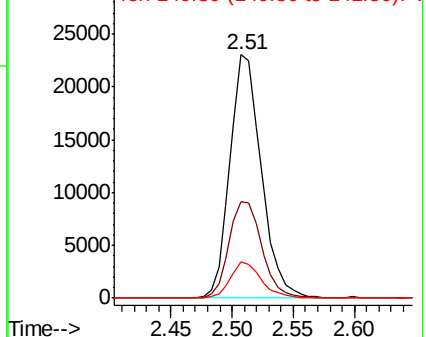
142 100

127 41.8 34.2 51.4

141 14.6 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



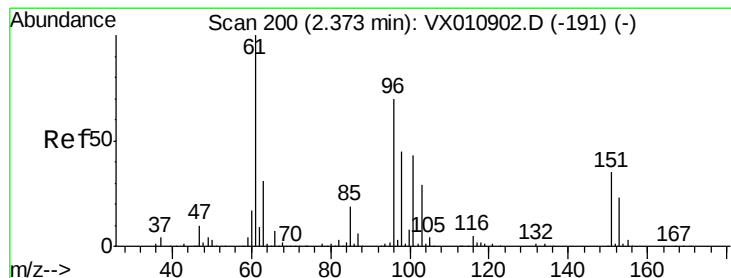
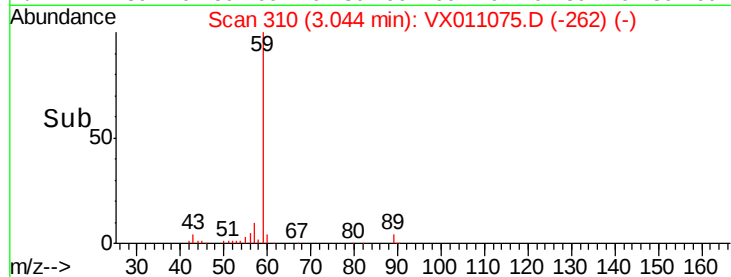
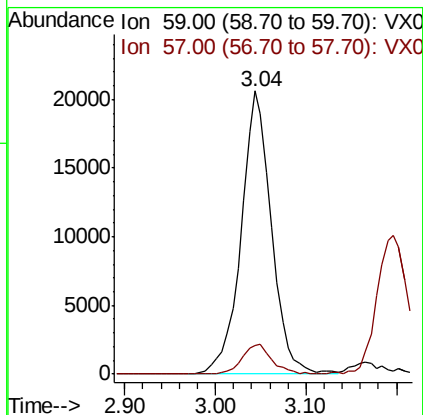
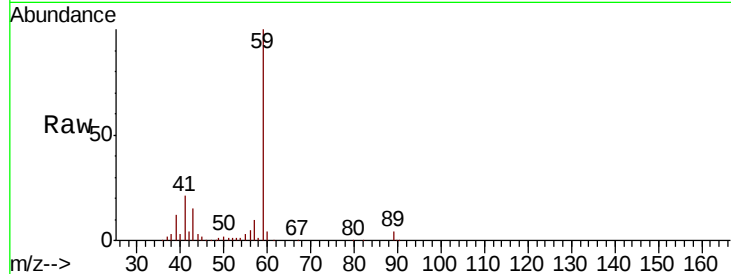


#11

Tert butyl alcohol
 Concen: 98.151 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

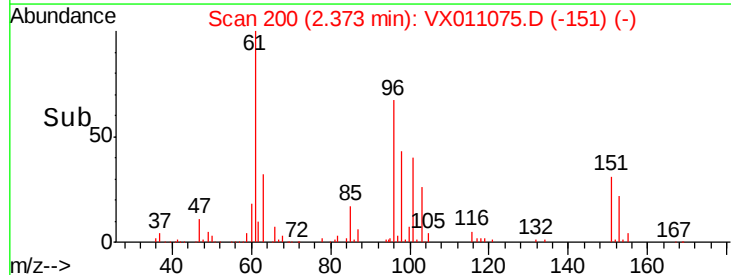
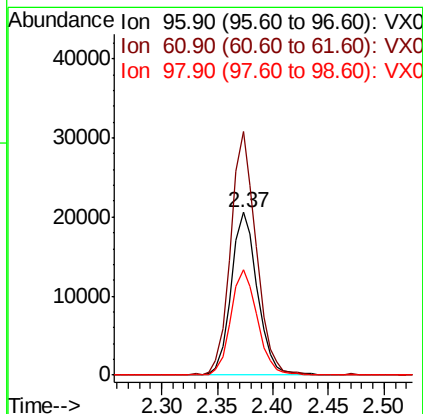
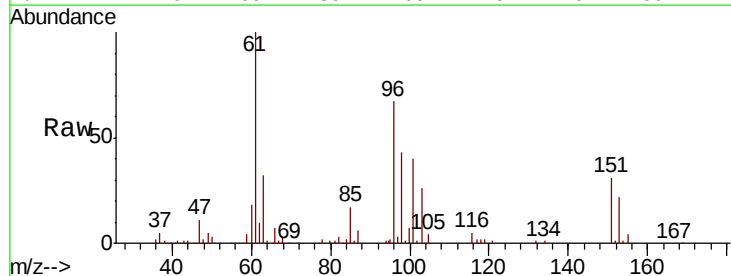
Tot Ion: 59 Resp: 47668
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

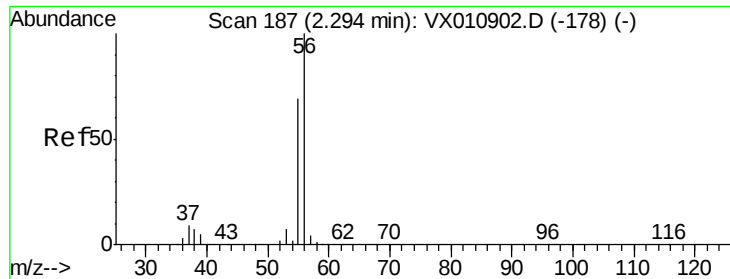


#12

1,1-Dichloroethene
 Concen: 19.240 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 96 Resp: 33593
 Ion Ratio Lower Upper
 96 100
 61 149.7 115.0 172.4
 98 64.5 52.2 78.2





#13

Acrolein

Concen: 66.918 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

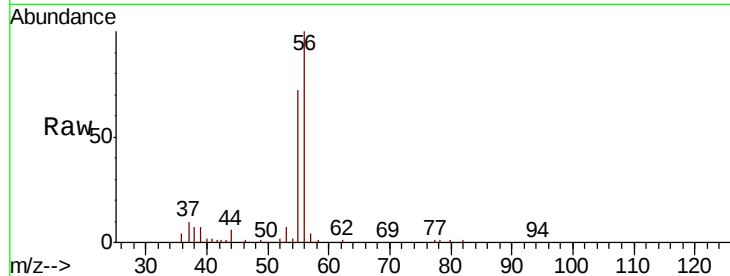
VX0725WBSD02

Tot Ion: 56 Resp: 18777

Ion Ratio Lower Upper

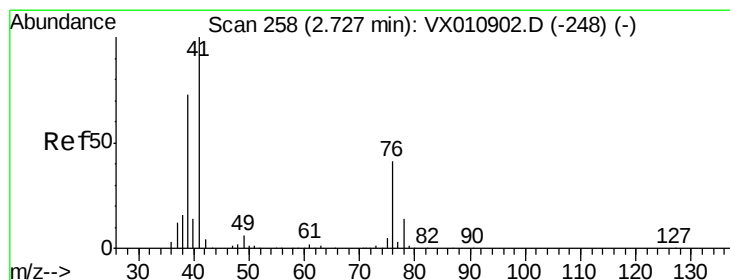
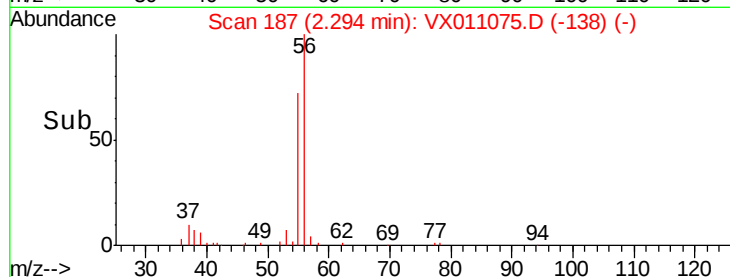
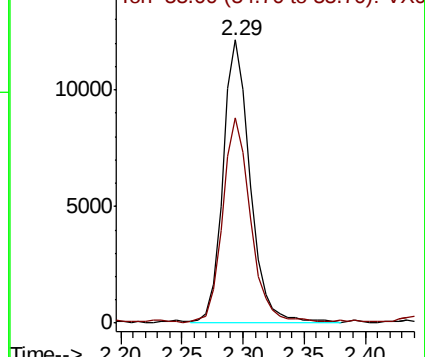
56 100

55 75.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.178 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

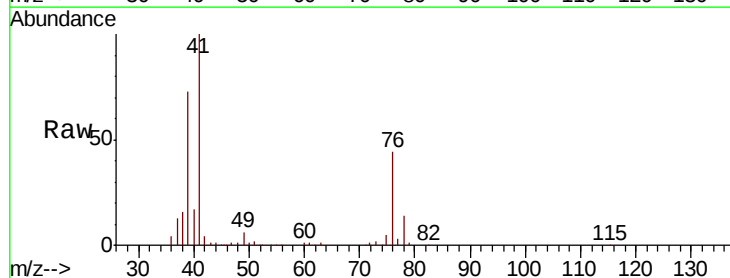
Tgt Ion: 41 Resp: 48639

Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

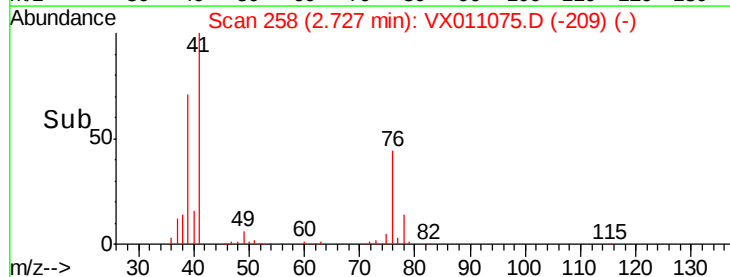
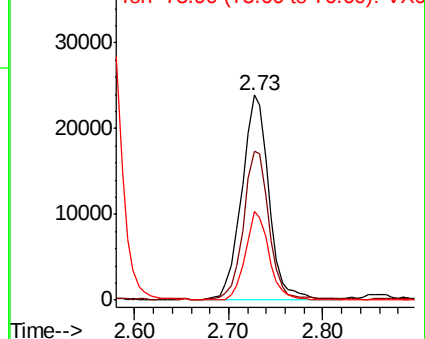
76 37.5 29.7 44.5

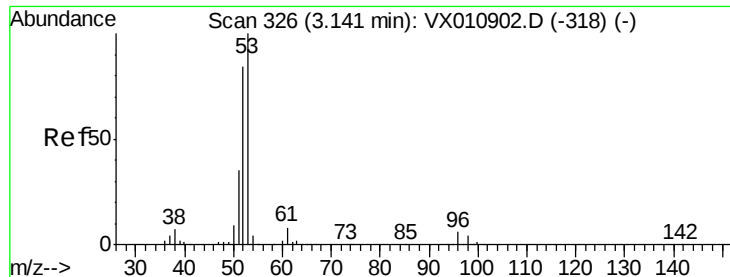


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.412 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

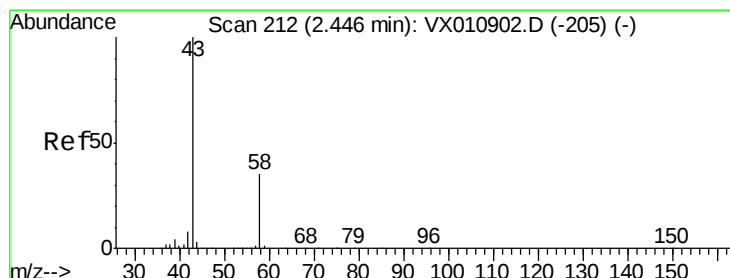
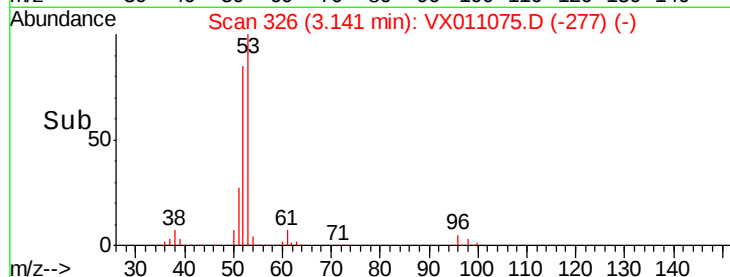
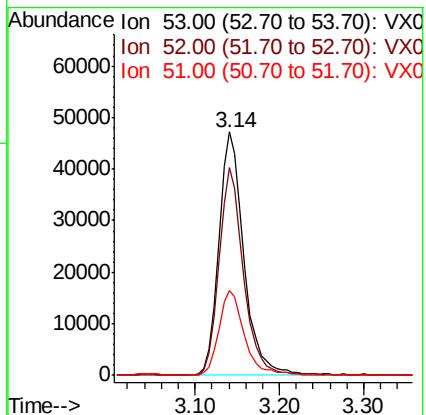
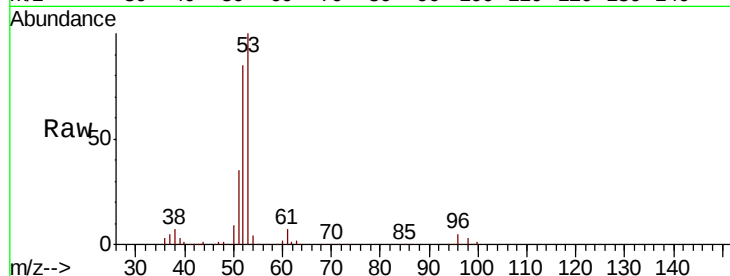
Tot Ion: 53 Resp: 95597

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 35.7 28.2 42.4



#16

Acetone

Concen: 89.202 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011075.D

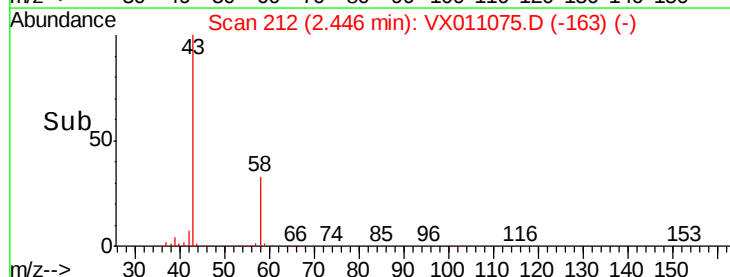
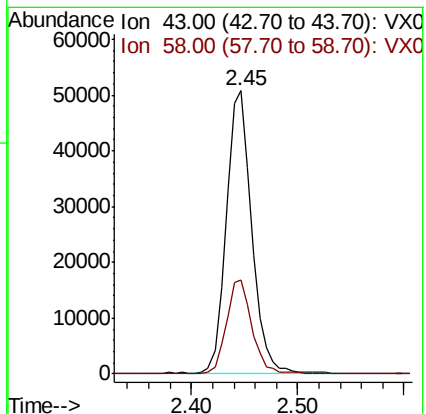
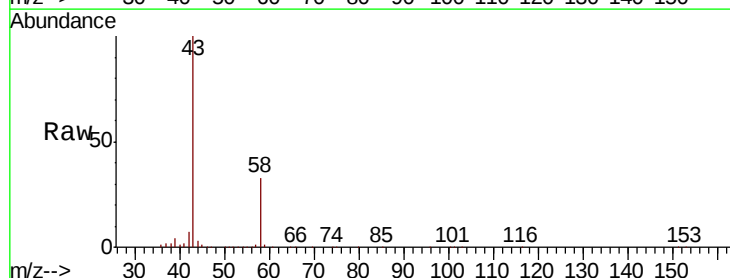
Acq: 25 Jul 2019 14:06

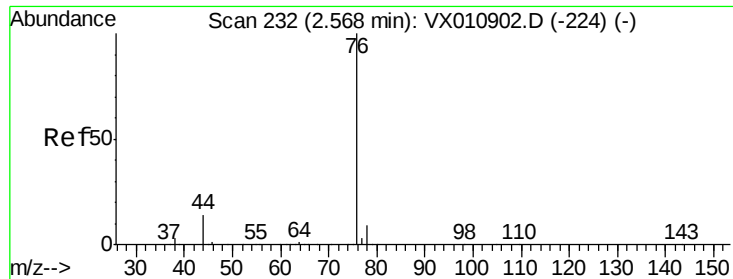
Tgt Ion: 43 Resp: 84015

Ion Ratio Lower Upper

43 100

58 33.1 27.7 41.5

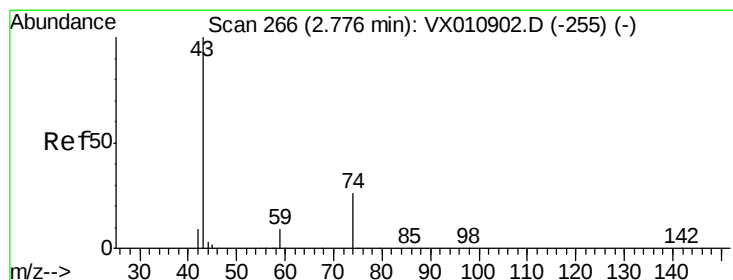
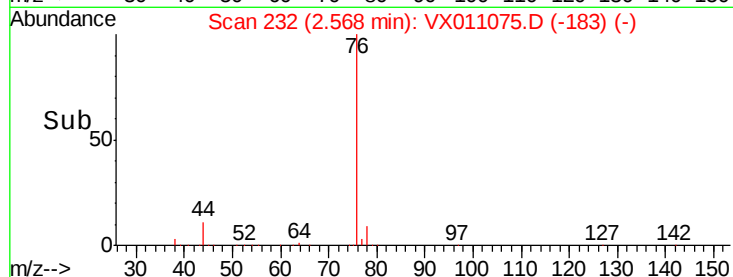
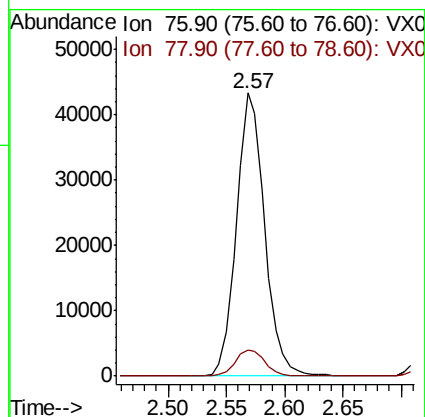
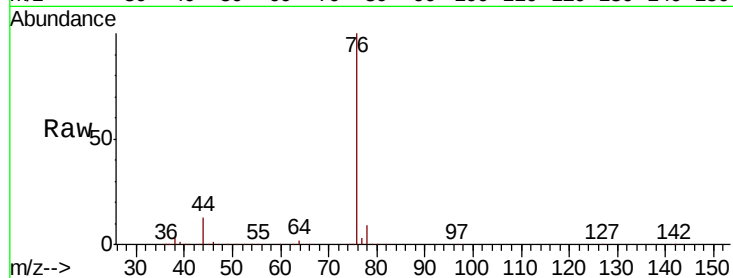




#17
Carbon Disulfide
Concen: 16.369 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

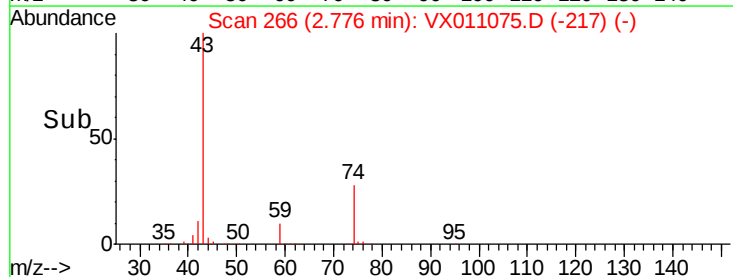
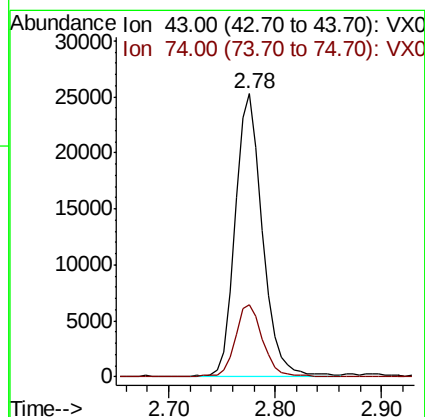
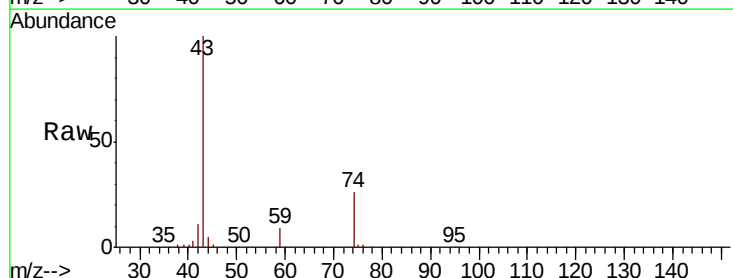
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

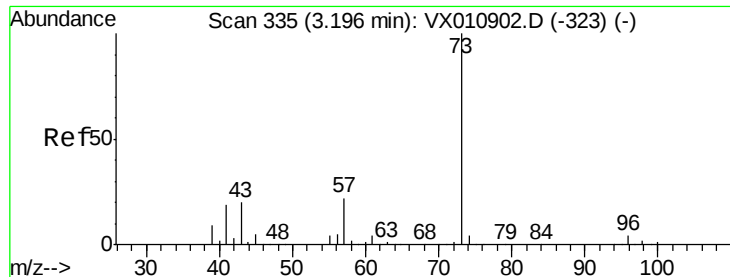
Tot Ion: 76 Resp: 73312
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 21.122 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 43 Resp: 45299
Ion Ratio Lower Upper
43 100
74 26.0 21.5 32.3

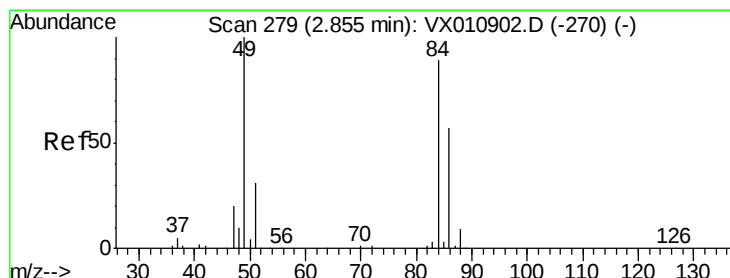
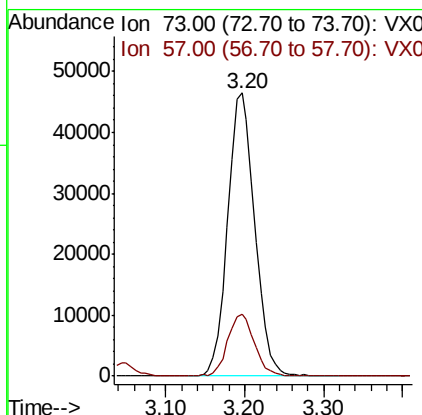
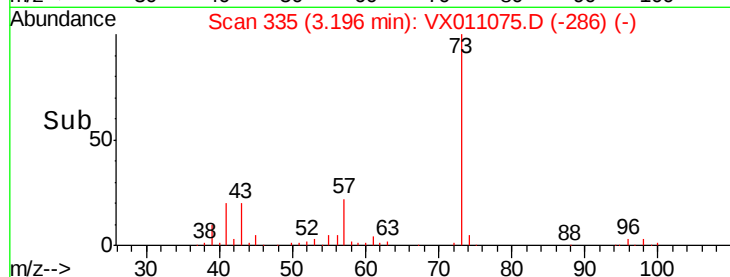
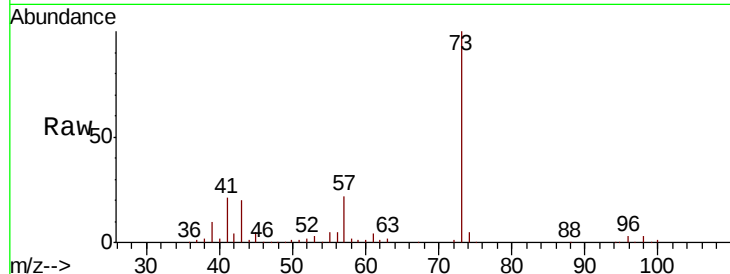




#19
Methyl tert-butyl Ether
Concen: 19.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

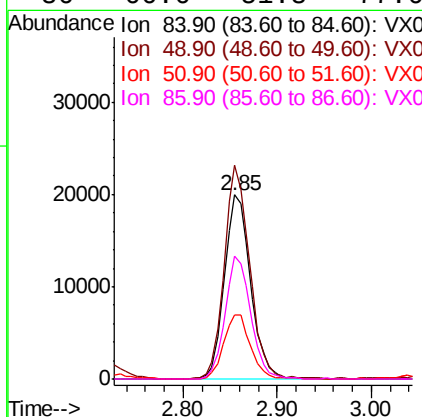
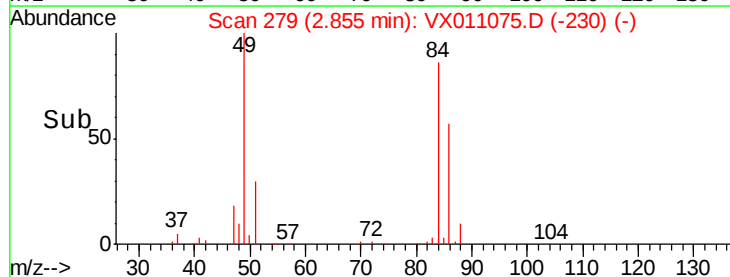
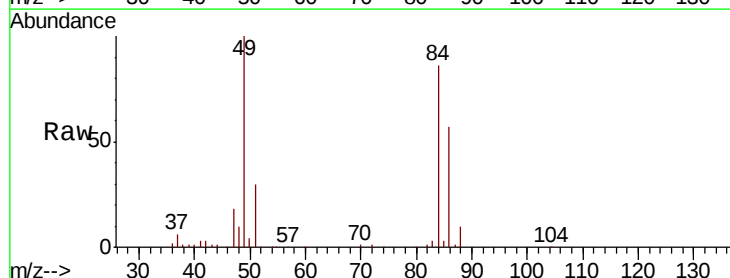
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

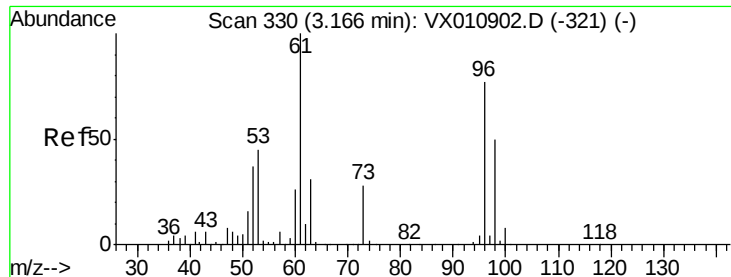
Tot Ion: 73 Resp: 110766
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.256 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 84 Resp: 38435
Ion Ratio Lower Upper
84 100
49 115.7 89.9 134.9
51 34.9 27.8 41.6
86 66.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.570 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

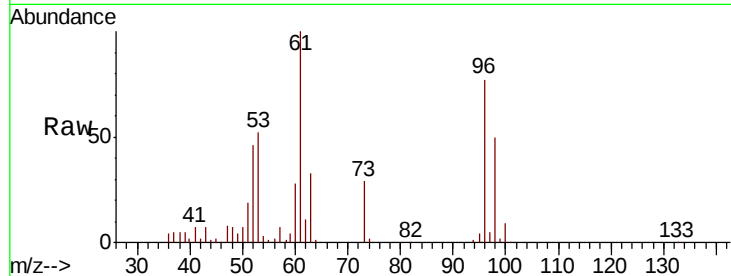
Tot Ion: 96 Resp: 34403

Ion Ratio Lower Upper

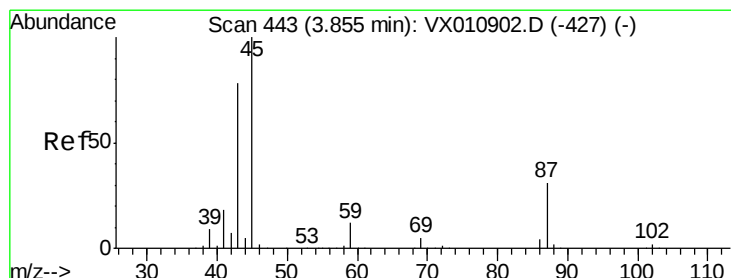
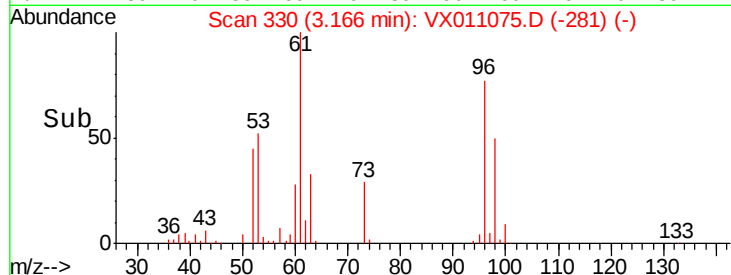
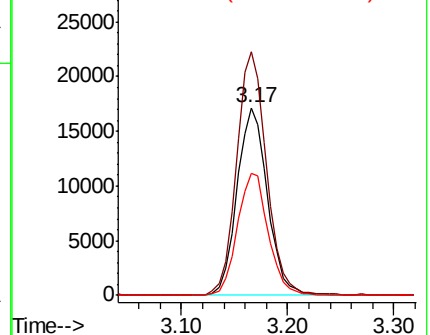
96 100

61 130.0 104.2 156.2

98 65.3 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: 19.909 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion: 45 Resp: 106489

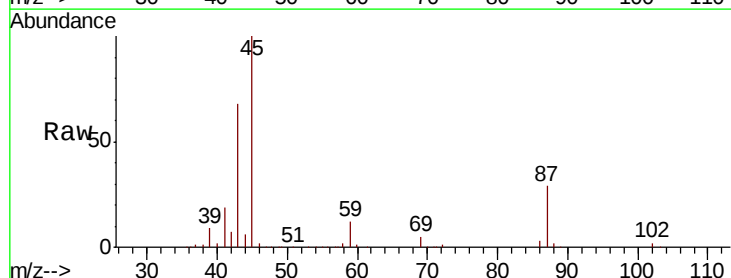
Ion Ratio Lower Upper

45 100

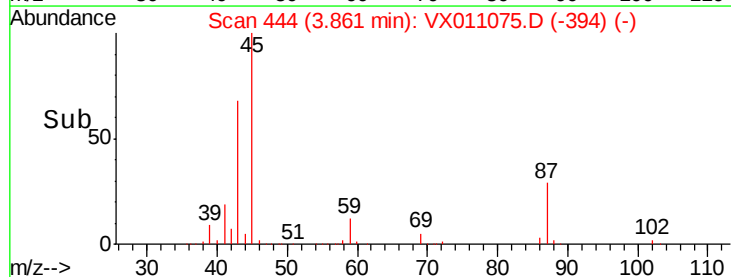
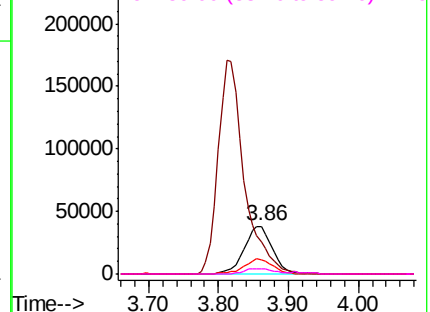
43 67.9 62.3 93.5

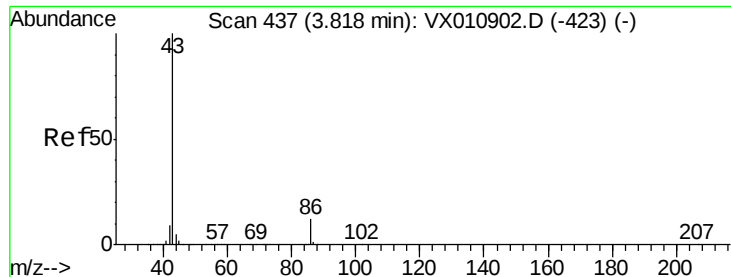
87 29.0 25.0 37.4

59 11.8 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: 98.286 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

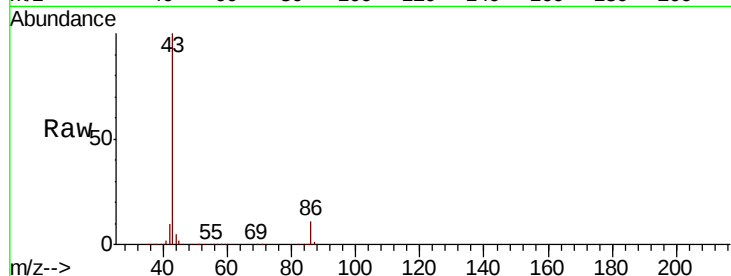
VX0725WBSD02

Tot Ion: 43 Resp: 445436

Ion Ratio Lower Upper

43 100

86 10.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

200000

150000

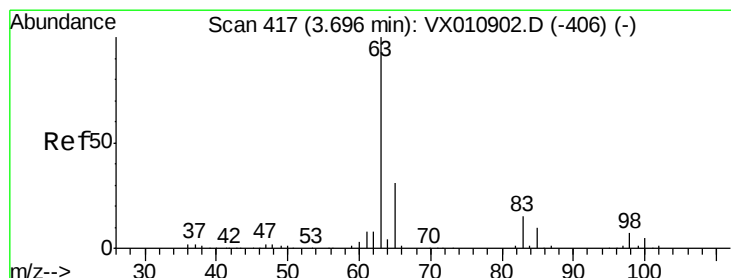
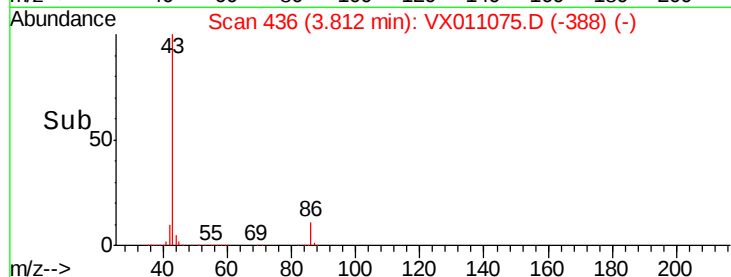
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.348 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

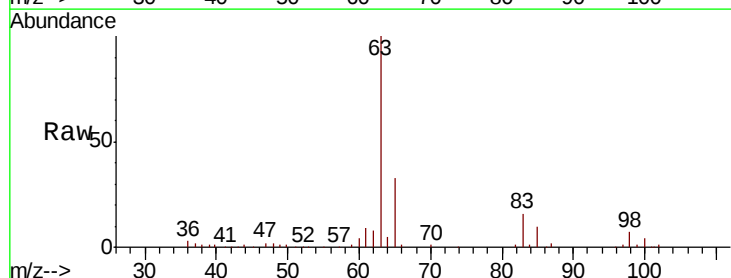
Tgt Ion: 63 Resp: 60103

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.1 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

30000

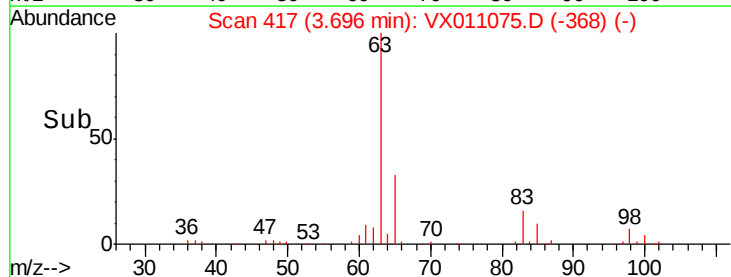
20000

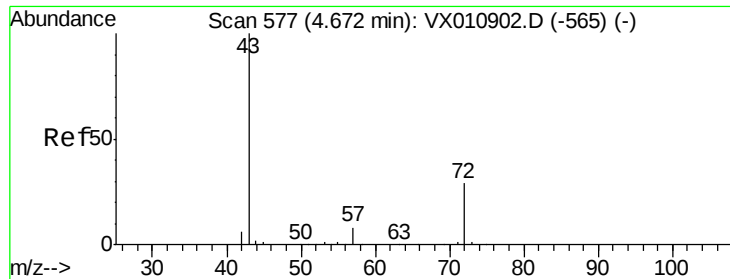
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 97.609 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

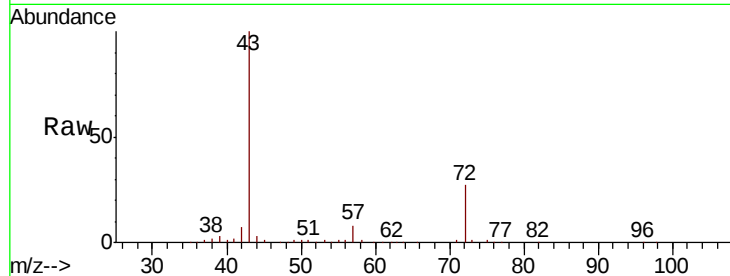
VX0725WBSD02

Tot Ion: 43 Resp: 131968

Ion Ratio Lower Upper

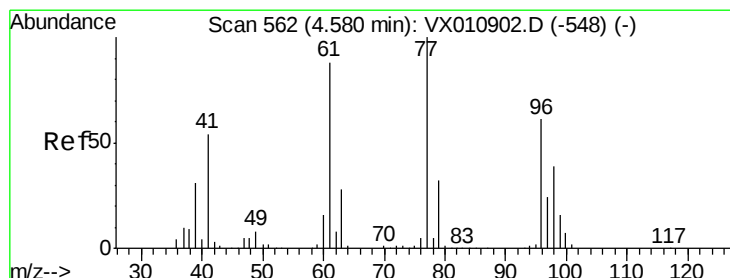
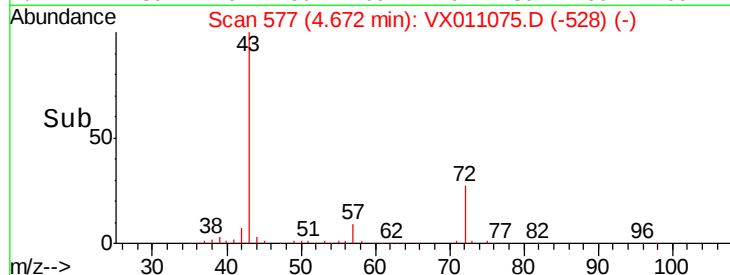
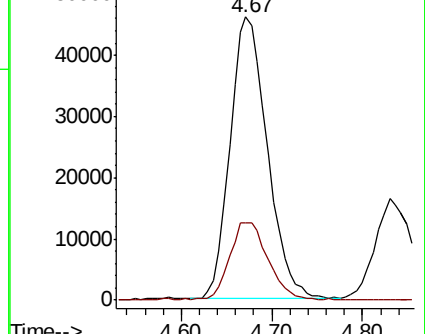
43 100

72 27.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.909 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011075.D

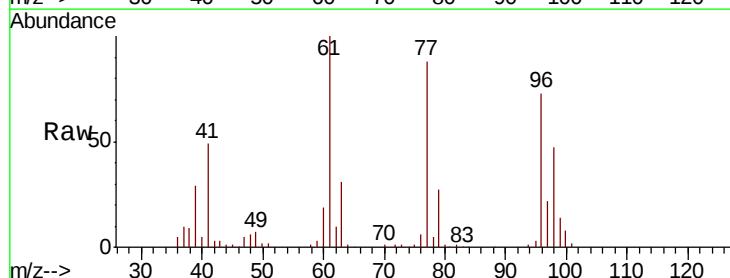
Acq: 25 Jul 2019 14:06

Tgt Ion: 77 Resp: 45678

Ion Ratio Lower Upper

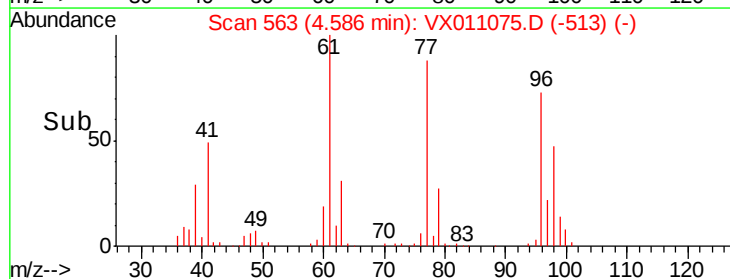
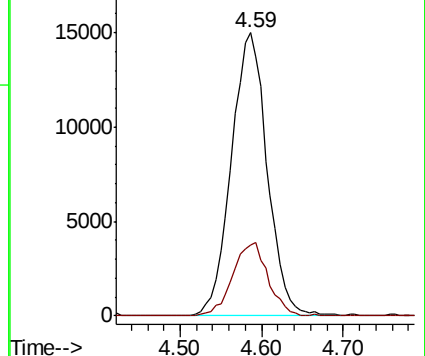
77 100

97 25.3 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



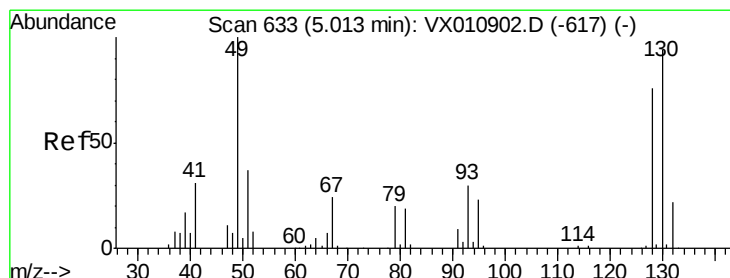
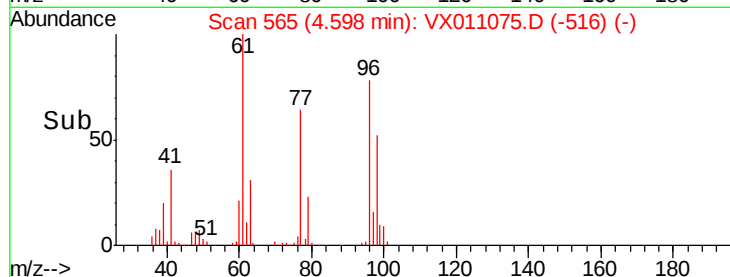
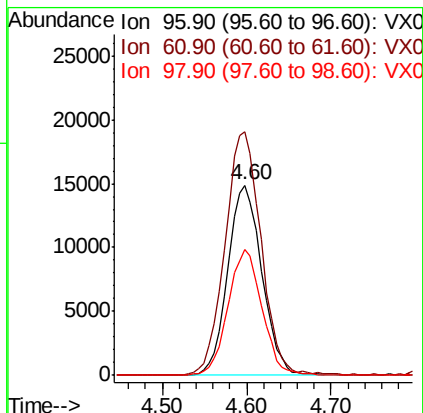
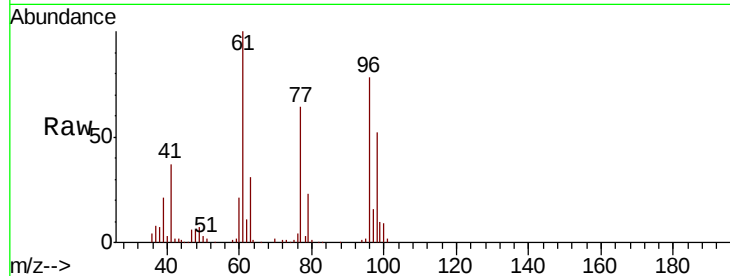


#27

cis-1,2-Dichloroethene
 Concen: 19.138 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

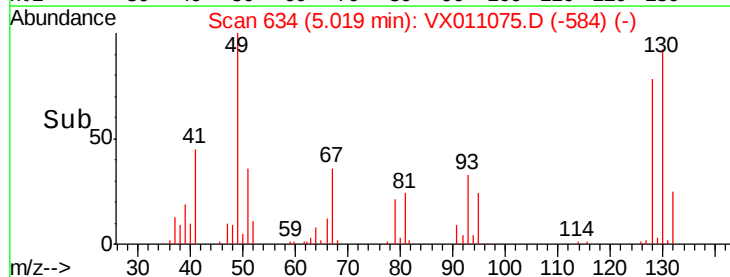
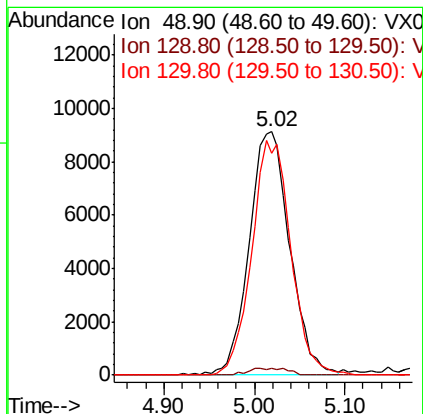
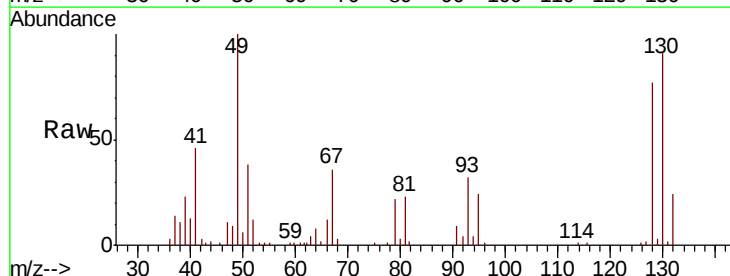
Tot Ion: 96 Resp: 41032
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 269.0
 98 65.5 0.0 131.4

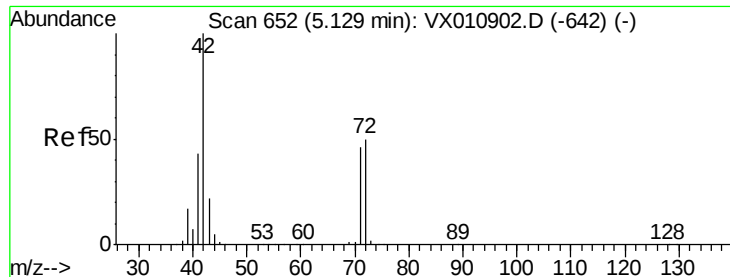


#28

Bromochloromethane
 Concen: 19.335 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 49 Resp: 28303
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.2
 130 92.5 76.9 115.3





#29

Tetrahydrofuran

Concen: 96.993 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

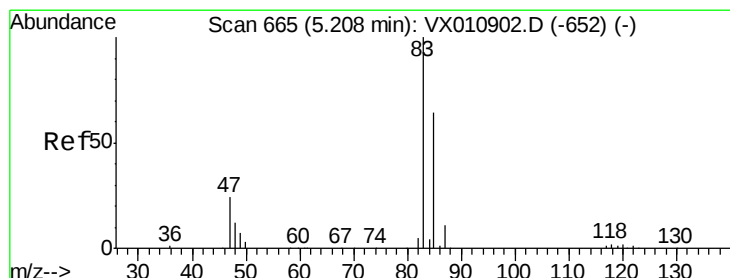
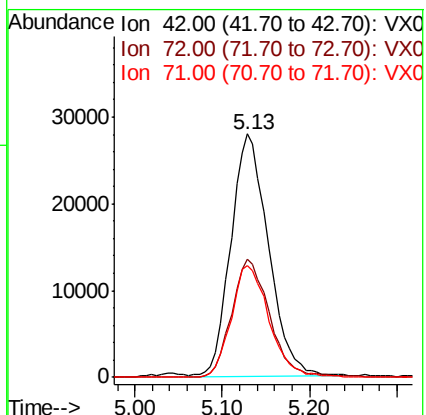
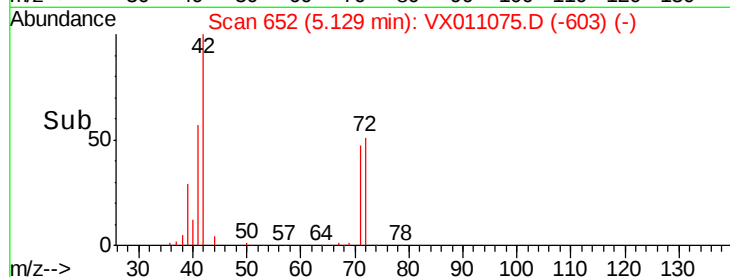
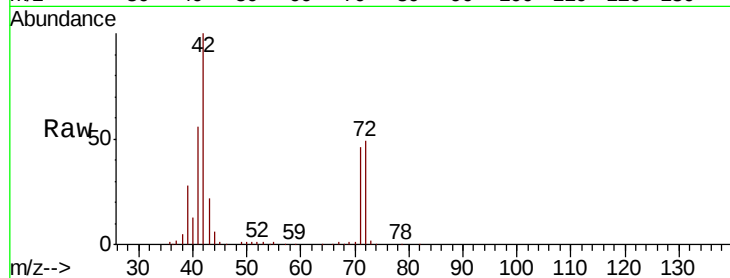
Tot Ion: 42 Resp: 83066

Ion Ratio Lower Upper

42 100

72 49.6 39.8 59.8

71 46.8 37.0 55.4



#30

Chloroform

Concen: 19.448 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011075.D

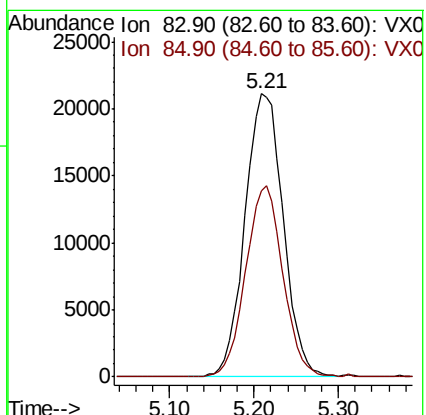
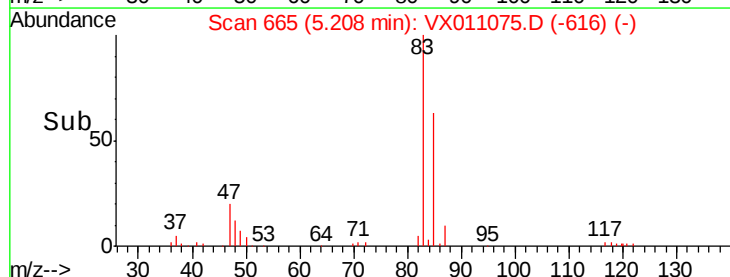
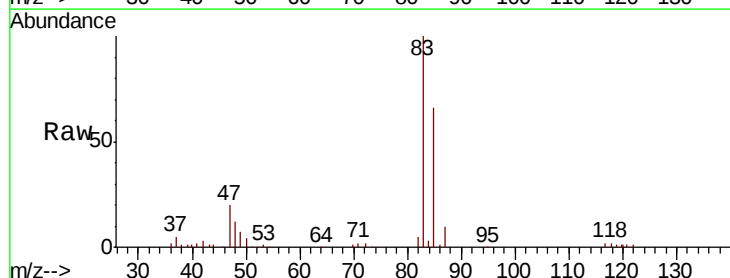
Acq: 25 Jul 2019 14:06

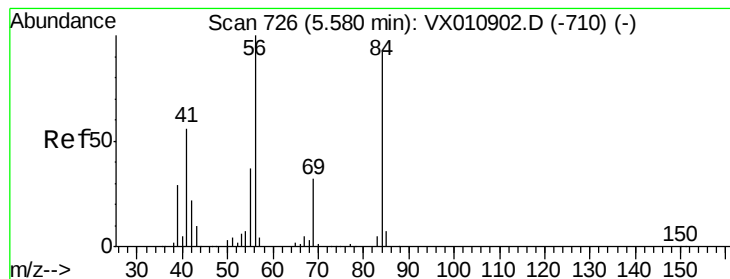
Tgt Ion: 83 Resp: 65300

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0





#31

Cyclohexane

Concen: 18.328 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

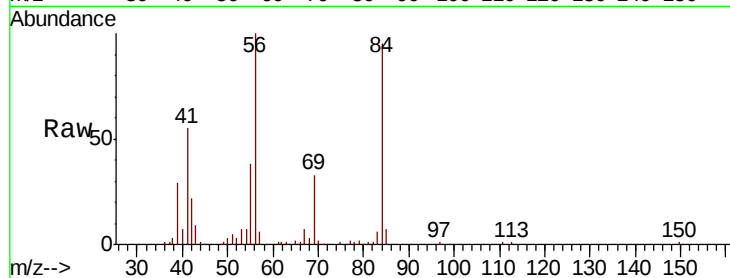
Tot Ion: 56 Resp: 51894

Ion Ratio Lower Upper

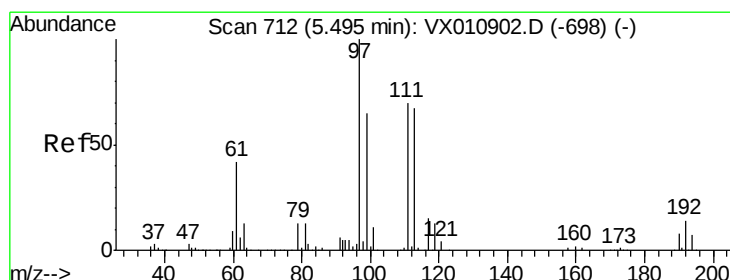
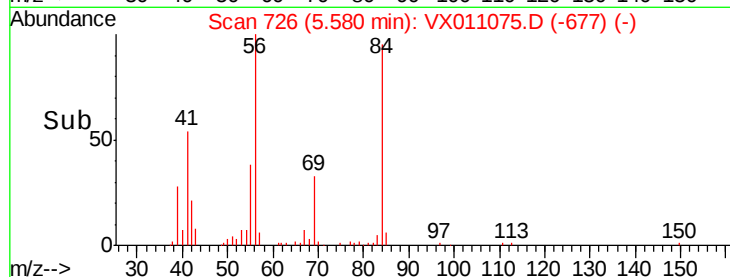
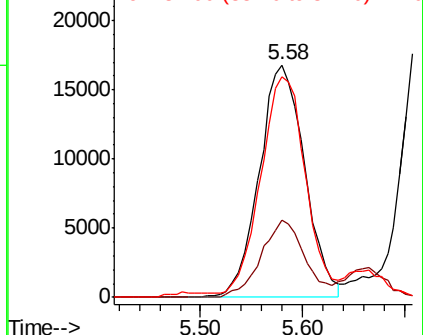
56 100

69 33.4 25.8 38.8

84 93.0 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 19.349 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

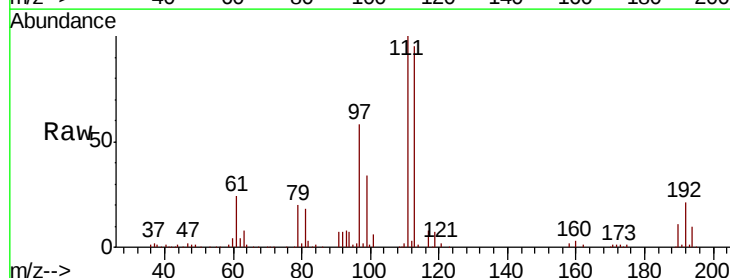
Tgt Ion: 97 Resp: 56208

Ion Ratio Lower Upper

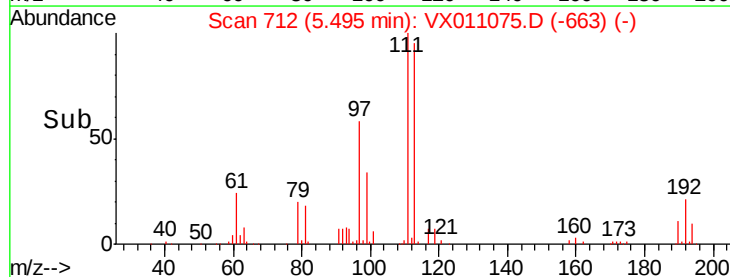
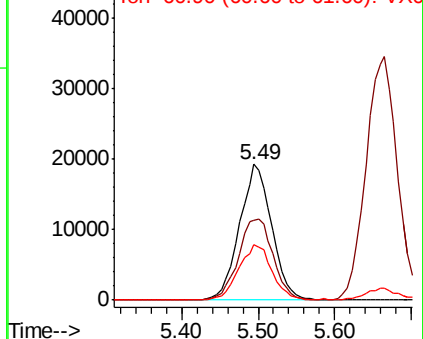
97 100

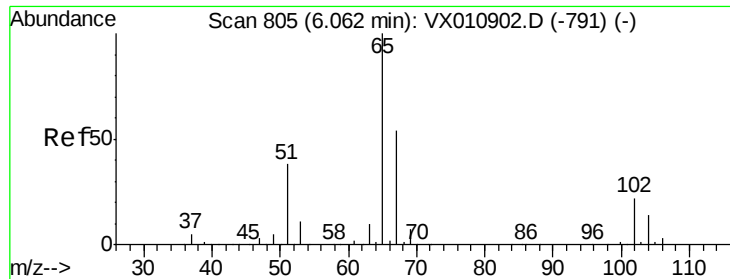
99 64.2 51.4 77.0

61 42.0 33.0 49.6



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





#33

1,2-Dichloroethane-d4

Concen: 50.496 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

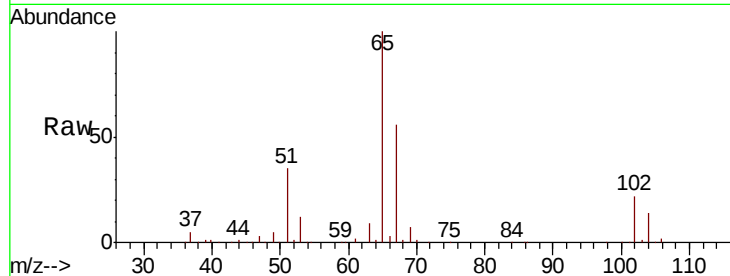
VX0725WBSD02

Tot Ion: 65 Resp: 105302

Ion Ratio Lower Upper

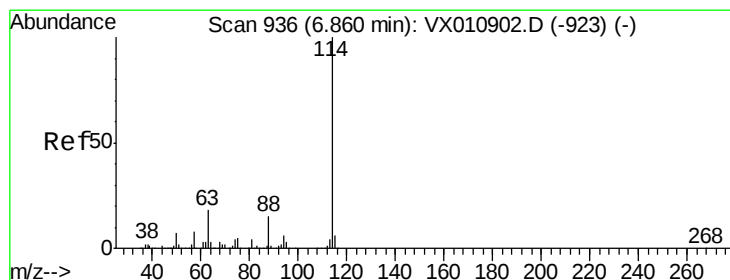
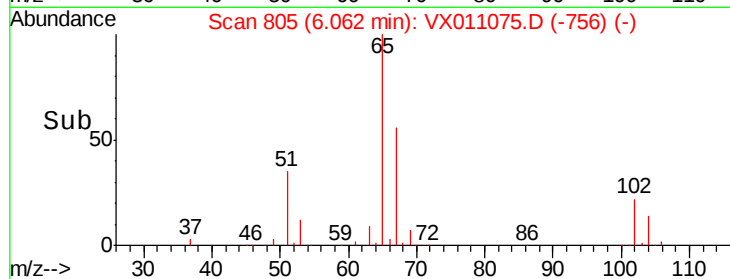
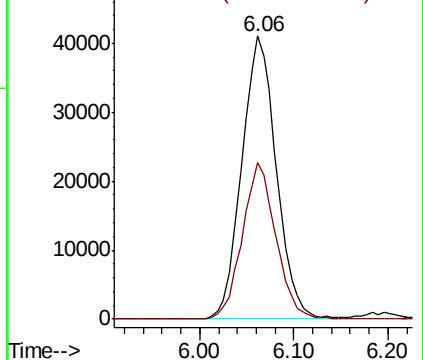
65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

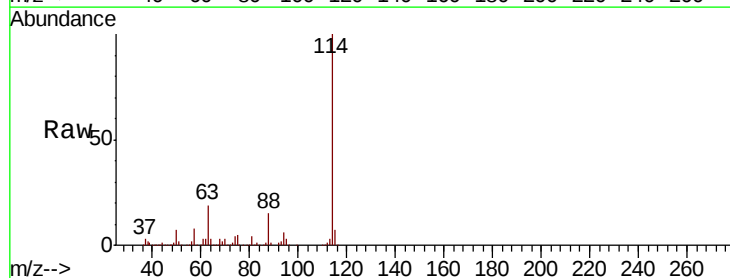
Tgt Ion: 114 Resp: 292528

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

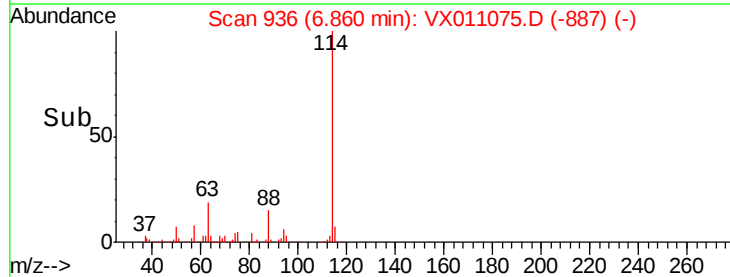
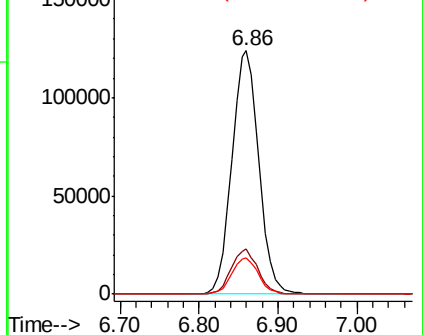
88 14.9 0.0 29.8

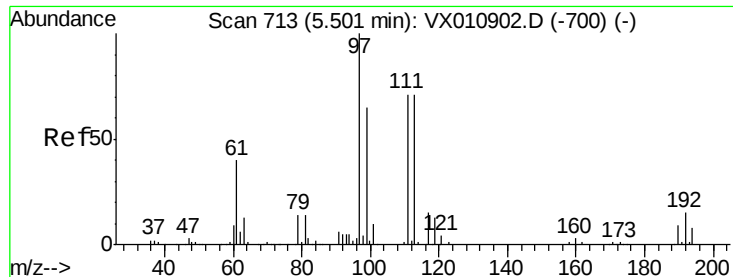


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.205 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

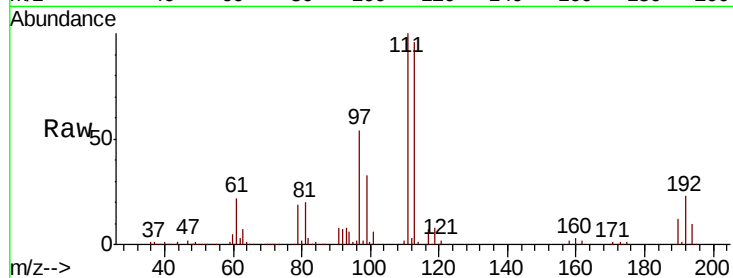
Tot Ion:113 Resp: 93218

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

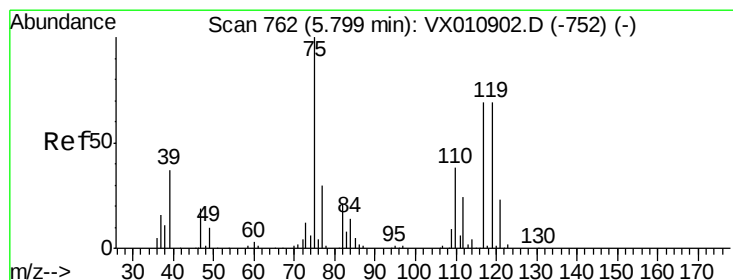
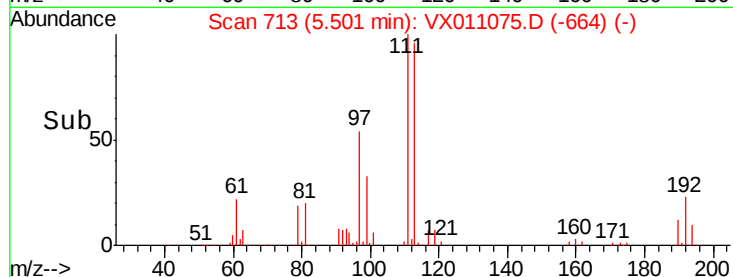
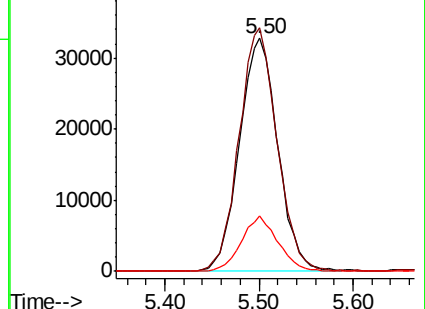
192 22.4 17.4 26.2



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: 19.341 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

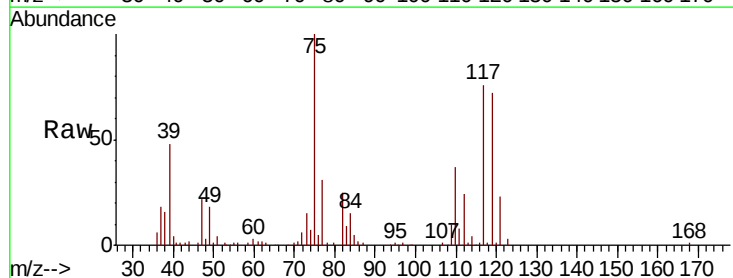
Tgt Ion: 75 Resp: 46474

Ion Ratio Lower Upper

75 100

110 38.4 19.9 59.7

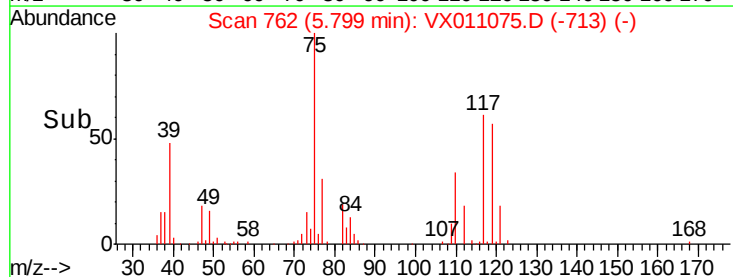
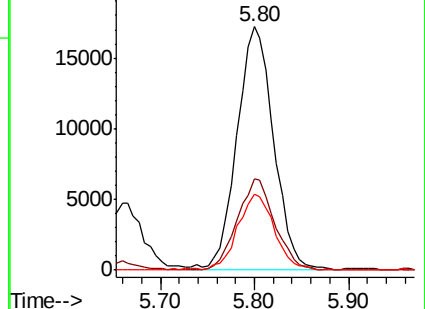
77 31.3 25.0 37.4

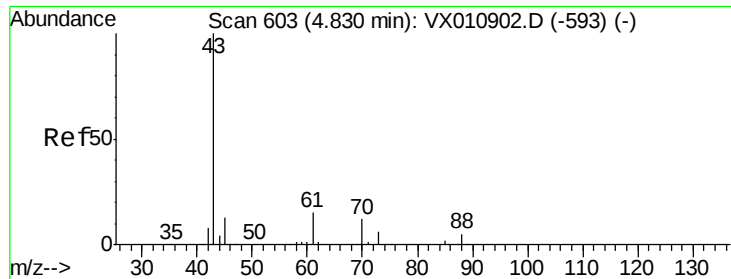


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

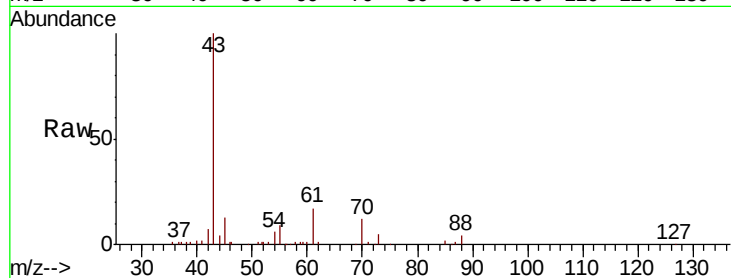




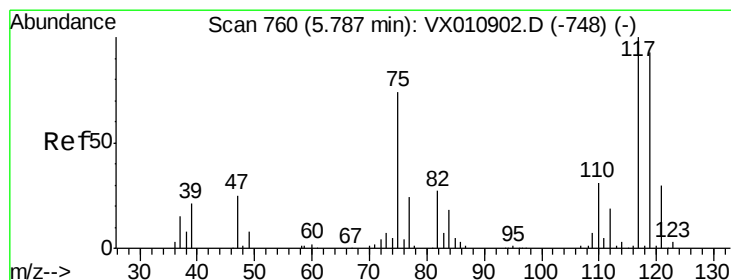
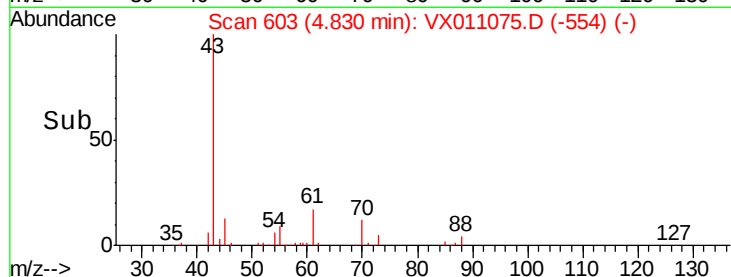
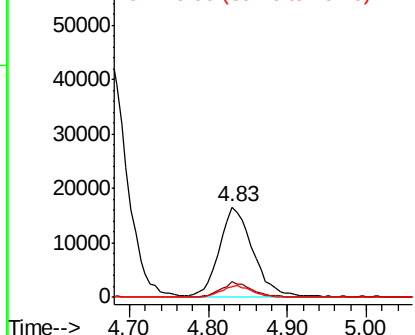
#37
Ethyl Acetate
Concen: 19.654 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	43	Resp	48357
Ion Ratio	Lower	Upper	
43	100		
61	16.3	11.6	17.4
70	12.6	9.1	13.7

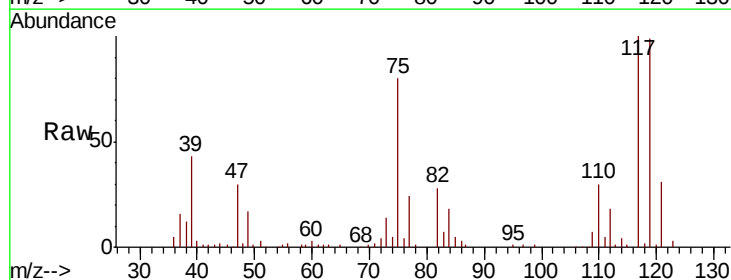


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

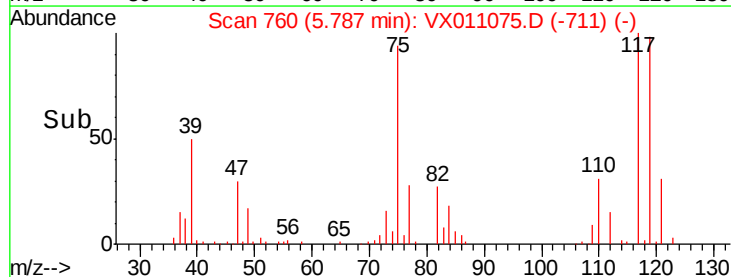
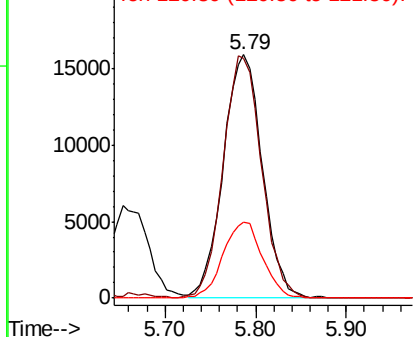


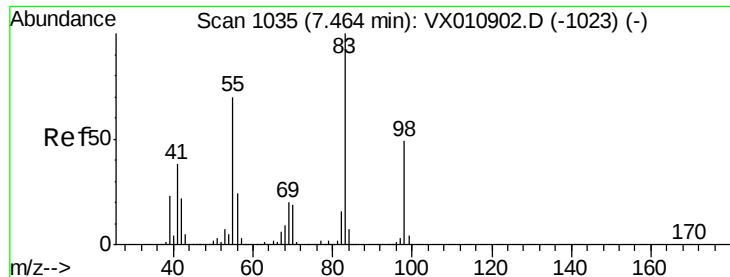
#38
Carbon Tetrachloride
Concen: 18.991 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	117	Resp	47552
Ion Ratio	Lower	Upper	
117	100		
119	98.6	74.2	111.2
121	31.3	24.2	36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

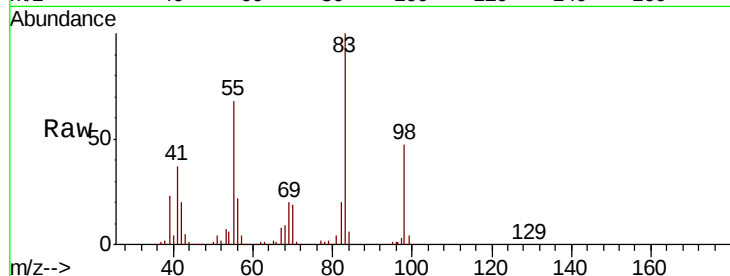




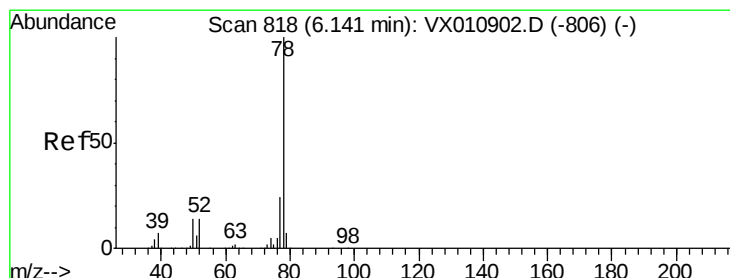
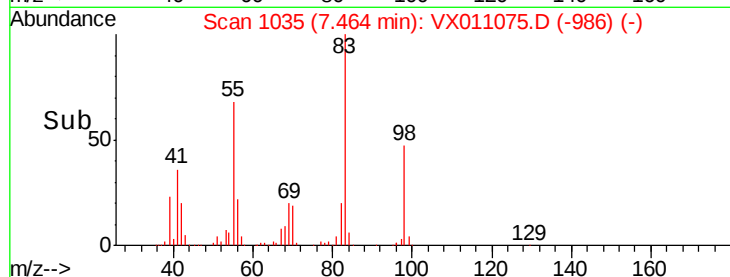
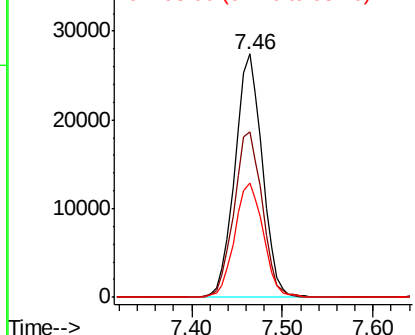
#39
Methvlcvclohexane
Concen: 18.449 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 83 Resp: 57487
Ion Ratio Lower Upper
83 100
55 68.3 56.2 84.4
98 47.0 39.0 58.4

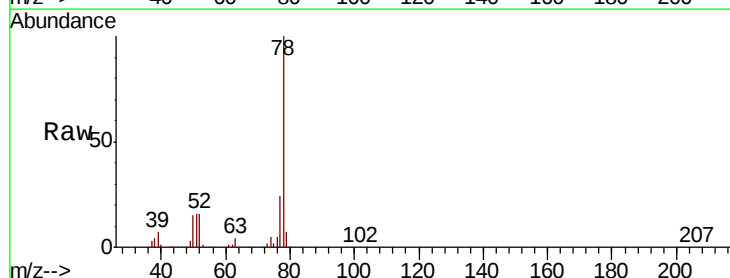


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

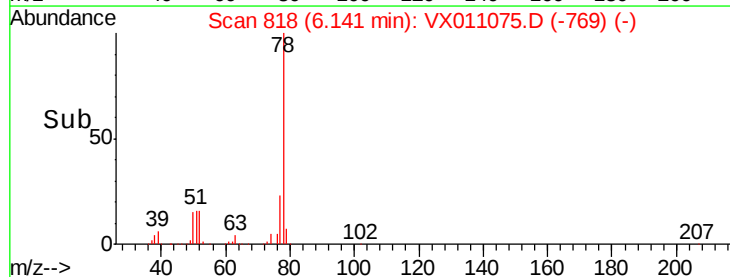
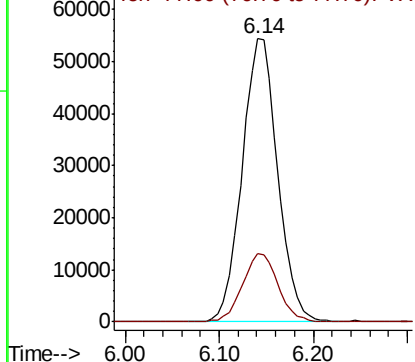


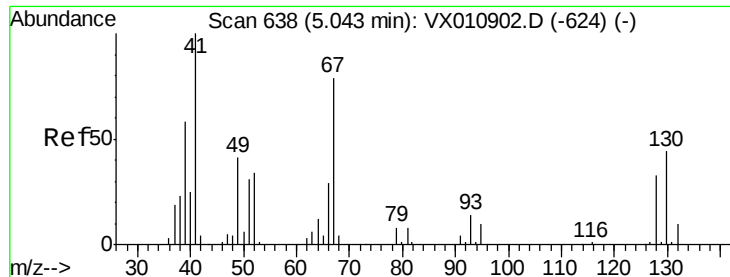
#40
Benzene
Concen: 19.518 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 78 Resp: 143661
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



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





#41

Methacrylonitrile

Concen: 17.940 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 41 Resp: 25057

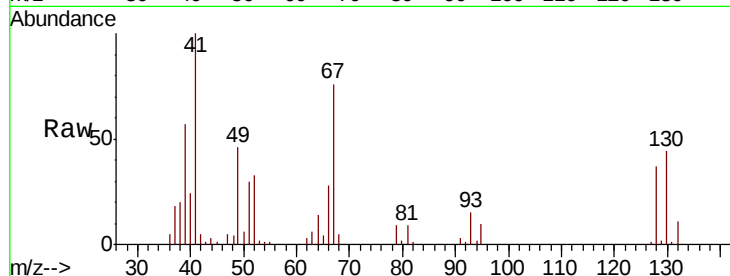
Ion Ratio Lower Upper

41 100

39 56.3 45.4 68.2

67 86.9 65.9 98.9

52 35.7 26.2 39.2

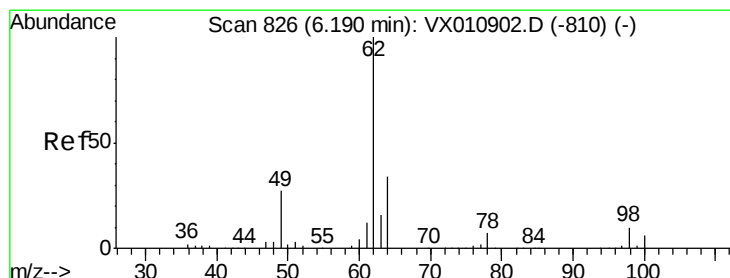
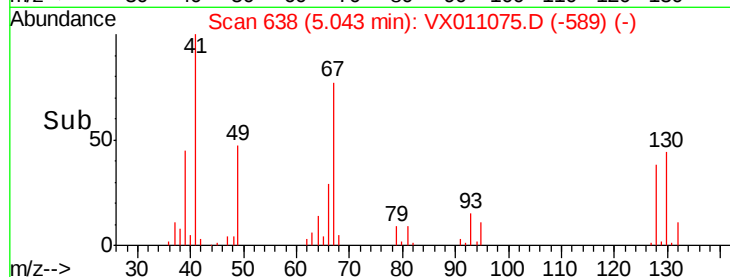
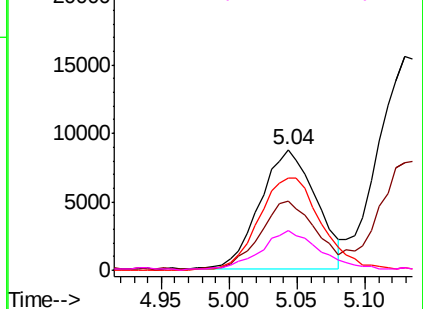


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.989 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011075.D

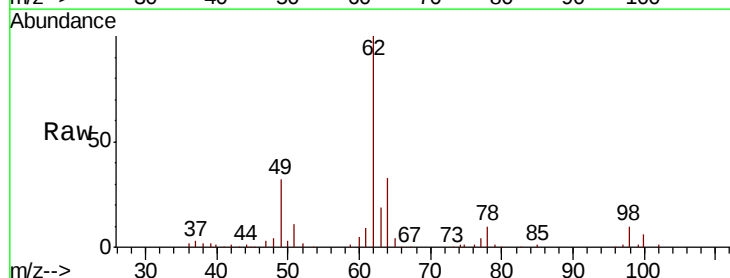
Acq: 25 Jul 2019 14:06

Tgt Ion: 62 Resp: 51157

Ion Ratio Lower Upper

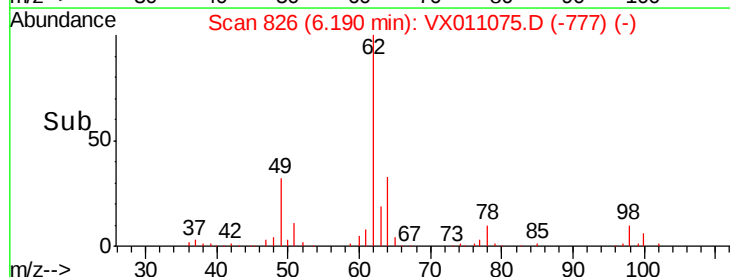
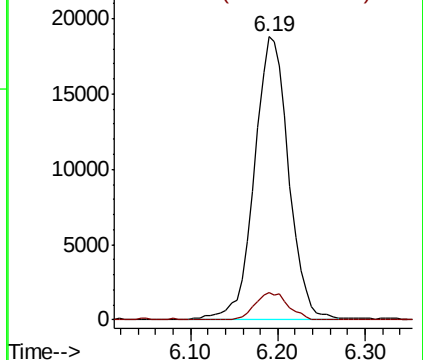
62 100

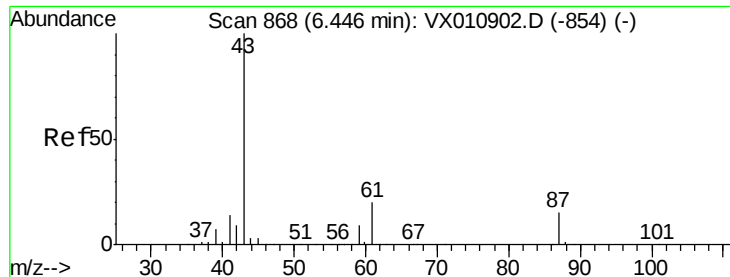
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.178 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

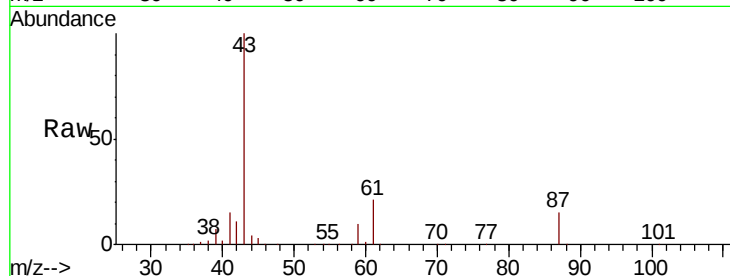
Tot Ion: 43 Resp: 77587

Ion Ratio Lower Upper

43 100

61 21.1 17.1 25.7

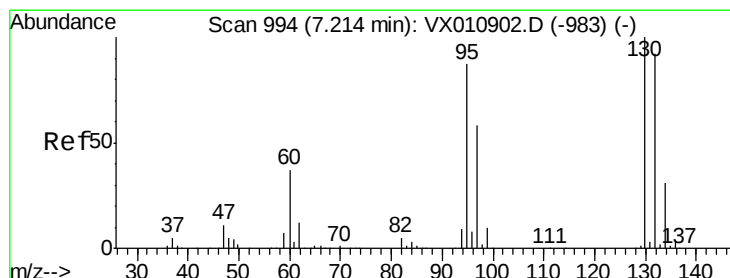
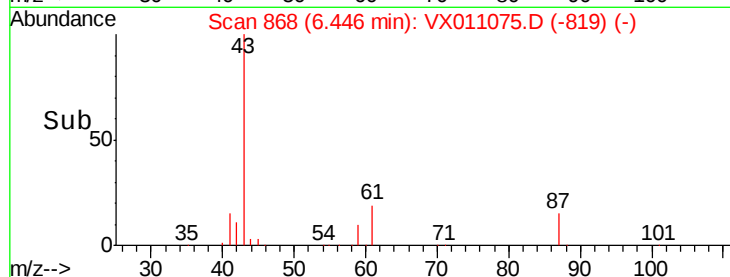
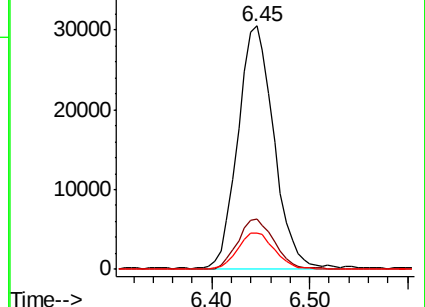
87 15.5 12.0 18.0



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: 19.344 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011075.D

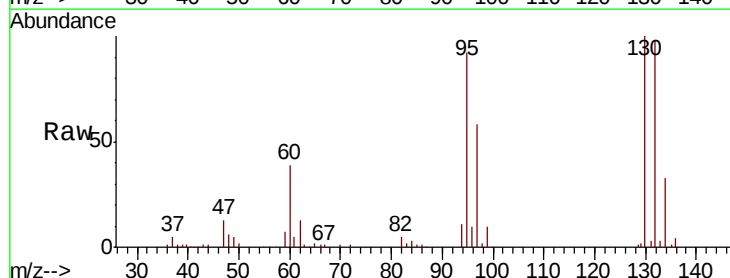
Acq: 25 Jul 2019 14:06

Tgt Ion:130 Resp: 42146

Ion Ratio Lower Upper

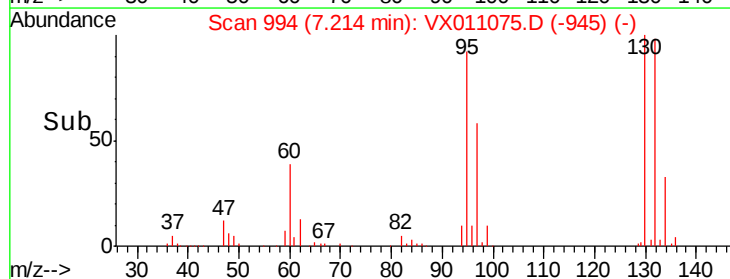
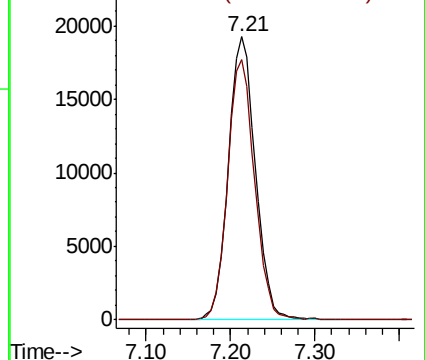
130 100

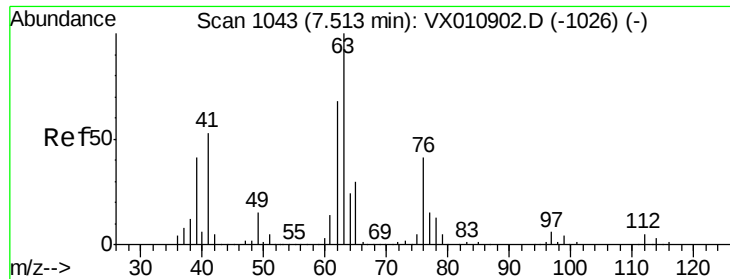
95 92.1 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.986 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

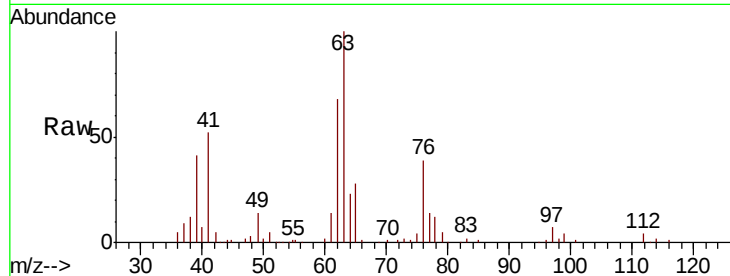
VX0725WBSD02

Tot Ion: 63 Resp: 37442

Ion Ratio Lower Upper

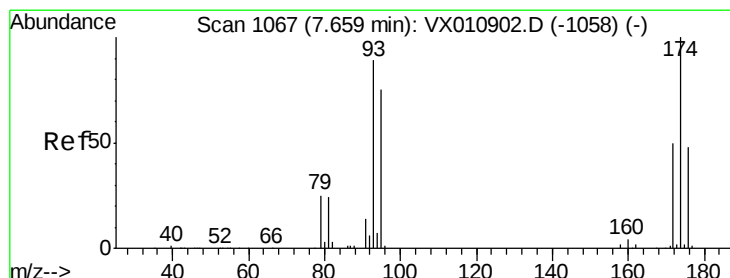
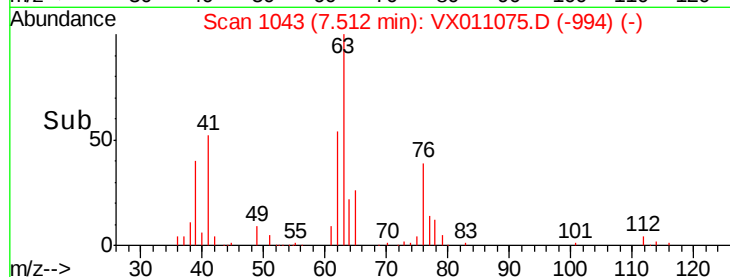
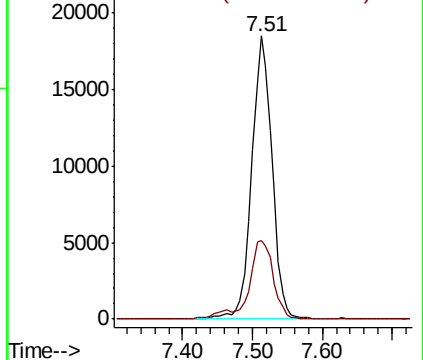
63 100

65 27.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.038 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

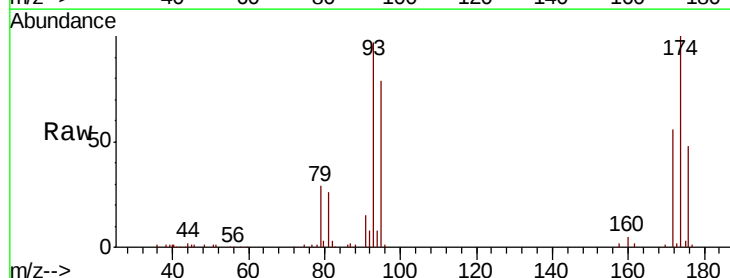
Tgt Ion: 93 Resp: 26824

Ion Ratio Lower Upper

93 100

95 81.1 67.2 100.8

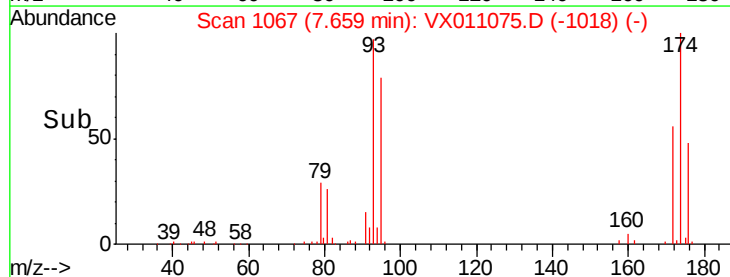
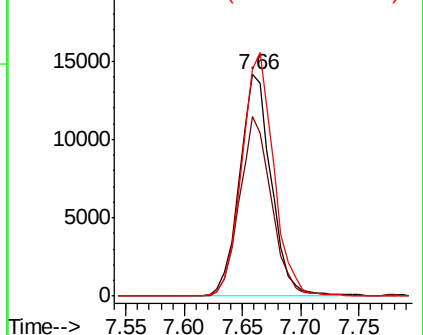
174 110.3 90.6 135.8

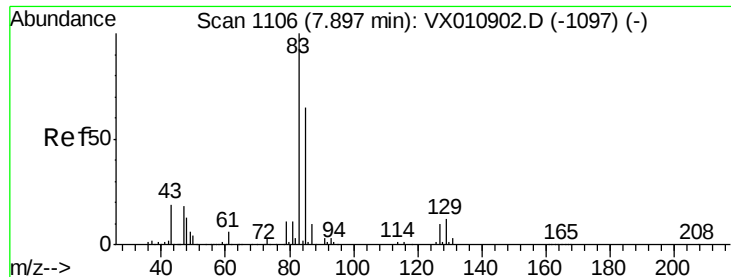


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.376 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

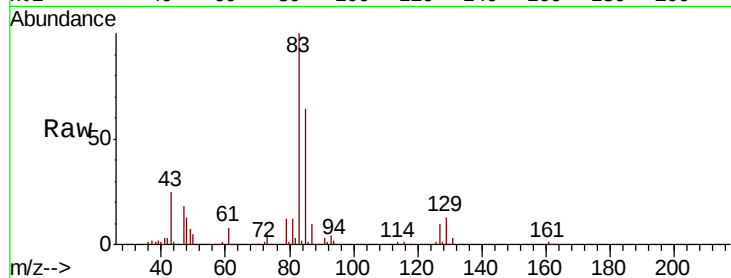
Tot Ion: 83 Resp: 46171

Ion Ratio Lower Upper

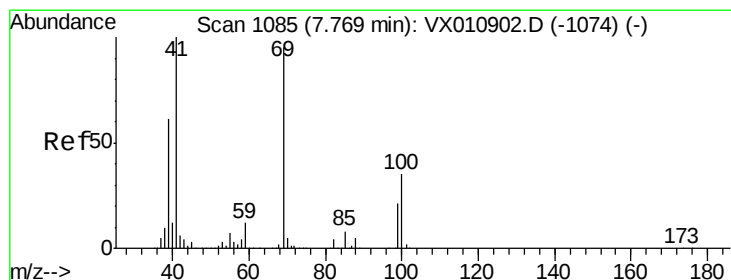
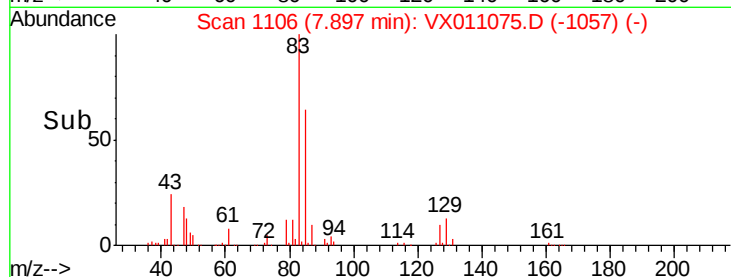
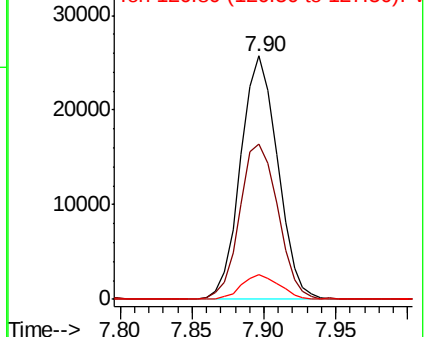
83 100

85 63.6 52.5 78.7

127 10.0 7.8 11.8



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



#48

Methyl methacrylate

Concen: 19.081 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

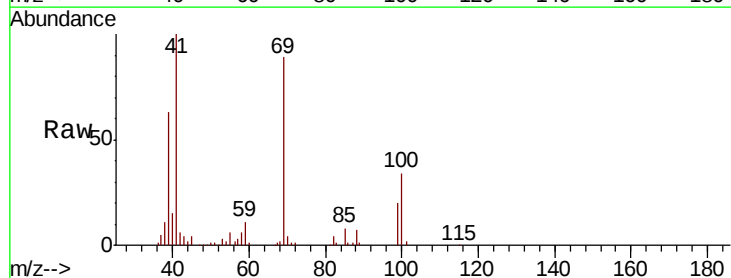
Tgt Ion: 41 Resp: 37607

Ion Ratio Lower Upper

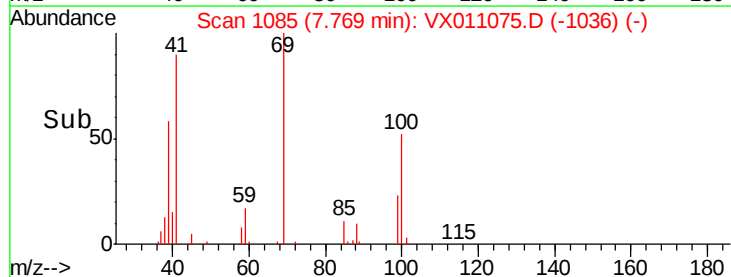
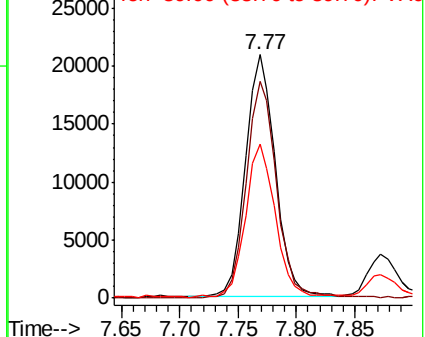
41 100

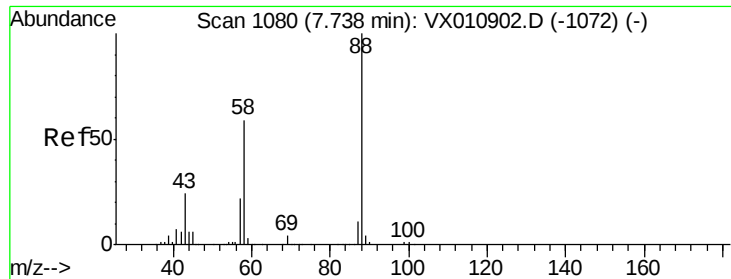
69 91.2 74.4 111.6

39 63.0 48.9 73.3



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

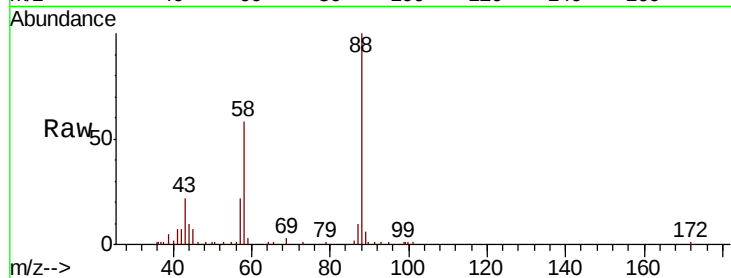




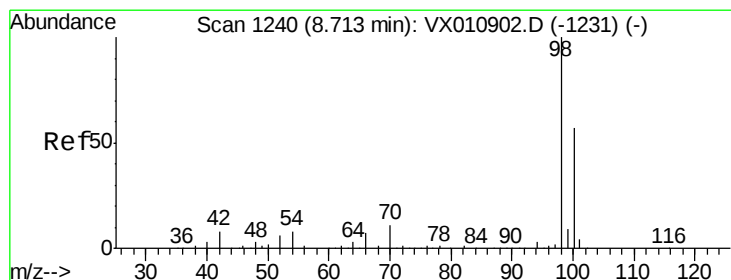
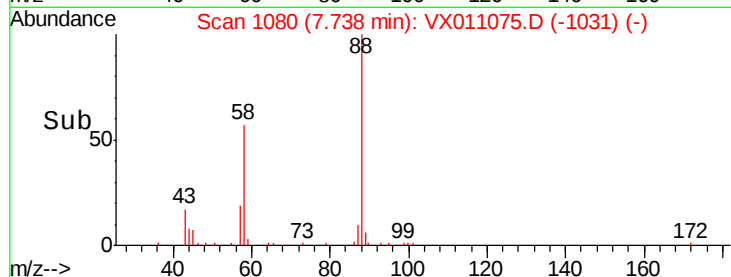
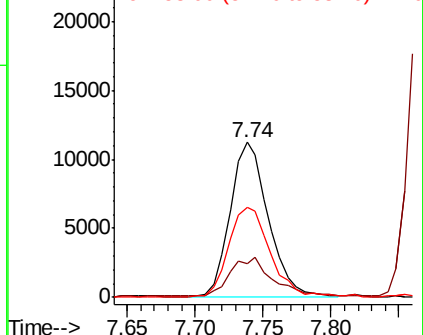
#49
1,4-Dioxane
Concen: 399.438 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 88 Resp: 22021
Ion Ratio Lower Upper
88 100
43 27.0 22.9 34.3
58 63.8 49.8 74.8

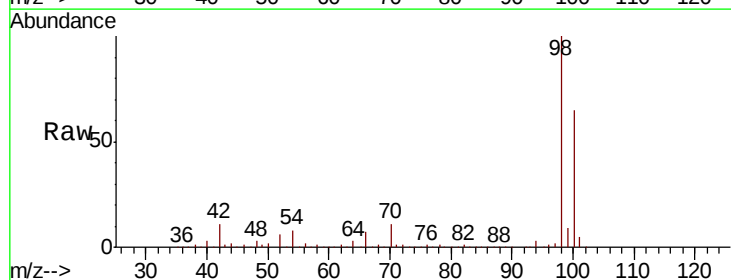


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

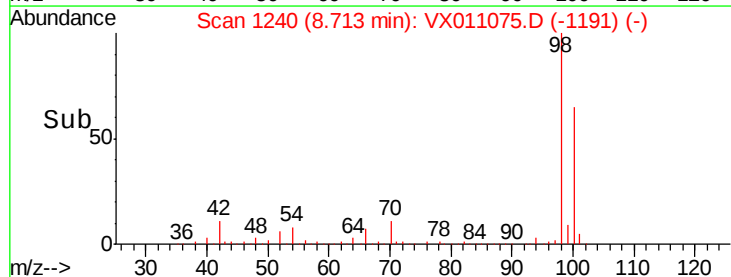
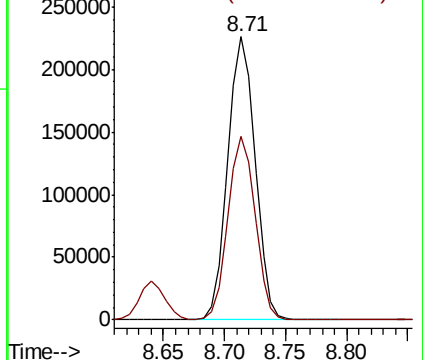


#50
Toluene-d8
Concen: 50.318 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 98 Resp: 350414
Ion Ratio Lower Upper
98 100
100 64.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

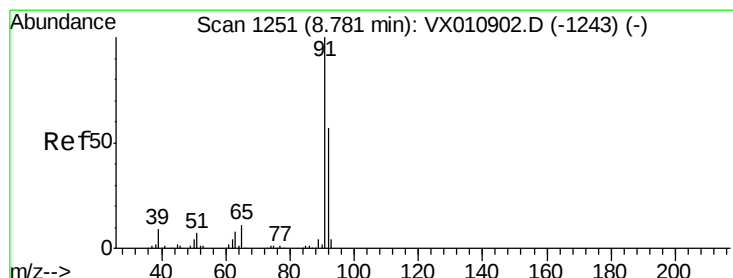
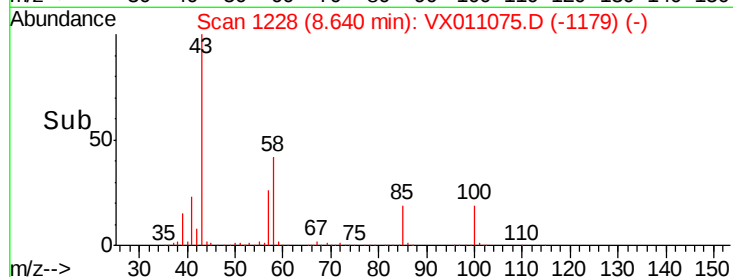
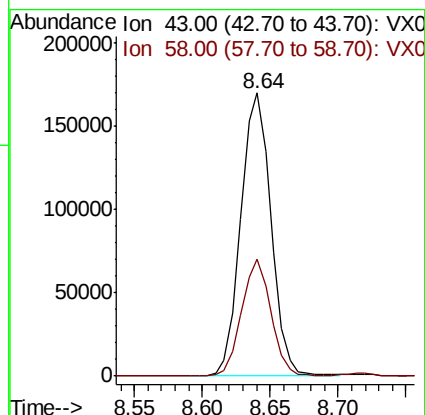
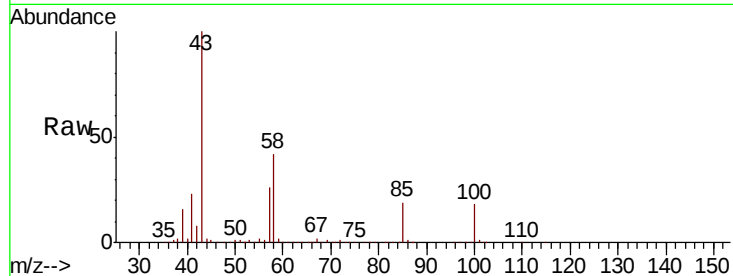




#51
 4-Methyl-2-Pentanone
 Concen: 100.849 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

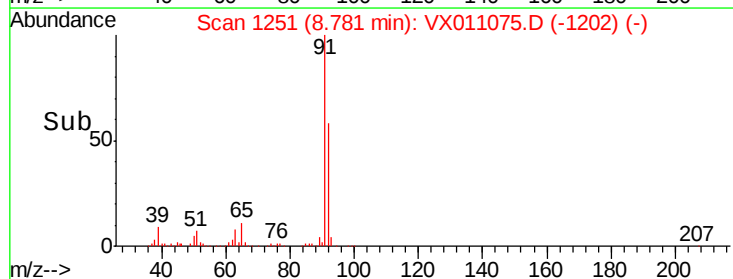
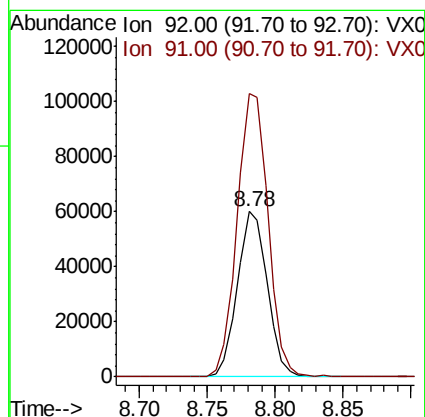
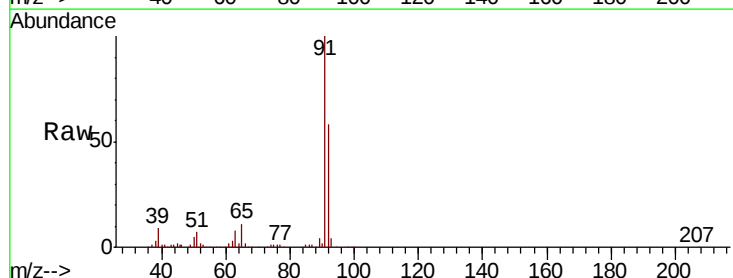
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

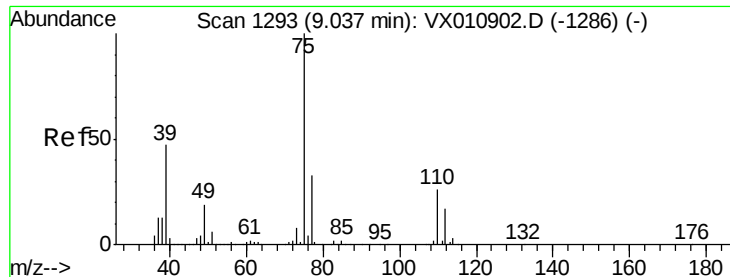
Tot Ion: 43 Resp: 264486
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4



#52
 Toluene
 Concen: 19.131 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 92 Resp: 92505
 Ion Ratio Lower Upper
 92 100
 91 177.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.419 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

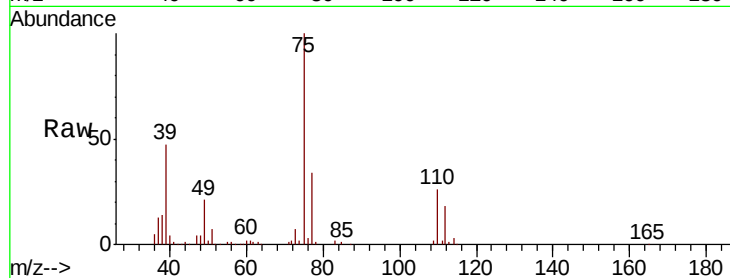
VX0725WBSD02

Tot Ion: 75 Resp: 47194

Ion Ratio Lower Upper

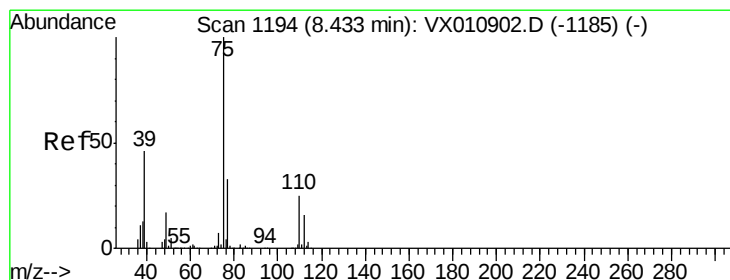
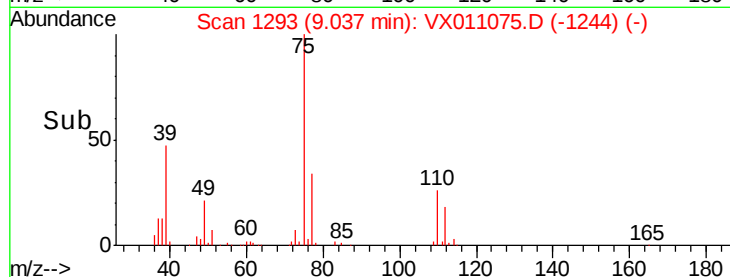
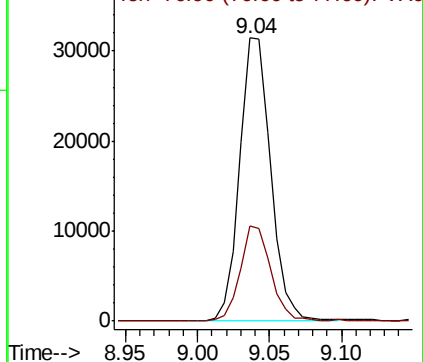
75 100

77 33.5 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.050 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

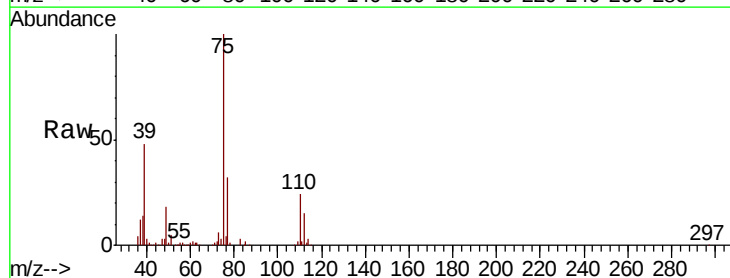
Tgt Ion: 75 Resp: 54314

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

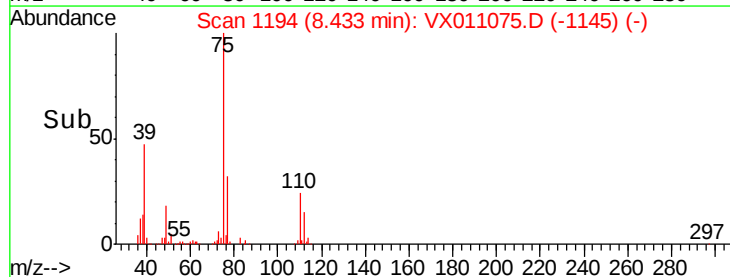
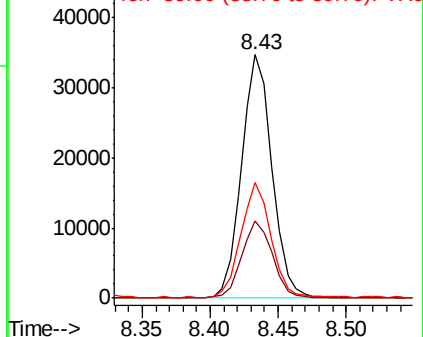
39 47.0 36.6 54.8

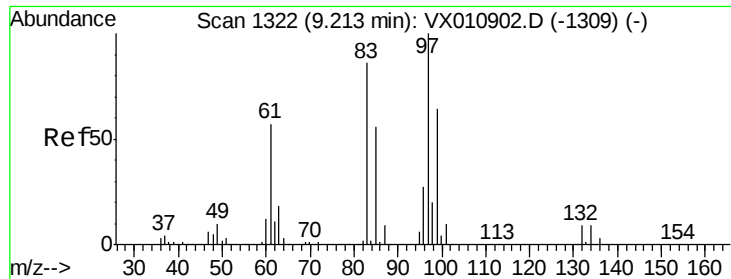


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.632 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 97 Resp: 39085

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.2	103.8
85	57.2	44.6	66.8
99	66.5	51.2	76.8

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.21

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

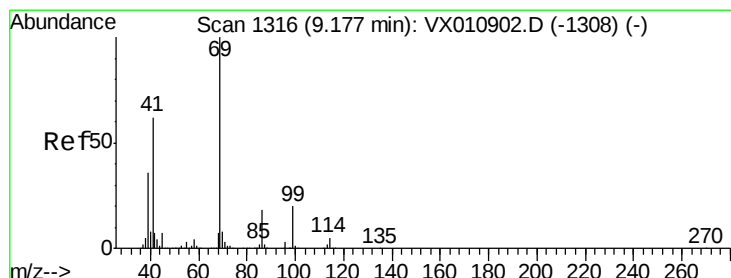
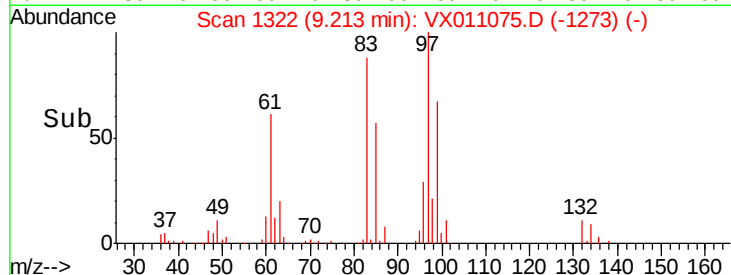
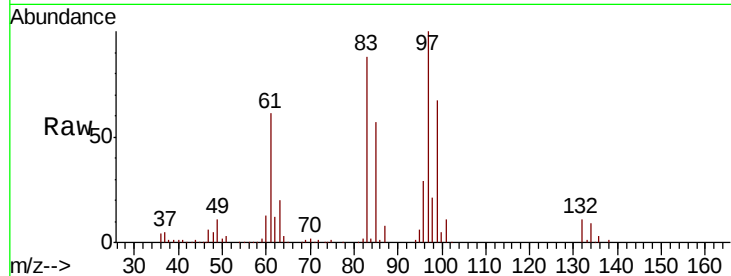
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30



#56

Ethyl methacrylate

Concen: 19.960 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion: 69 Resp: 58128

Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	36.6	29.6	44.4

Abundance

Ion 69.00 (68.70 to 69.70): VX0

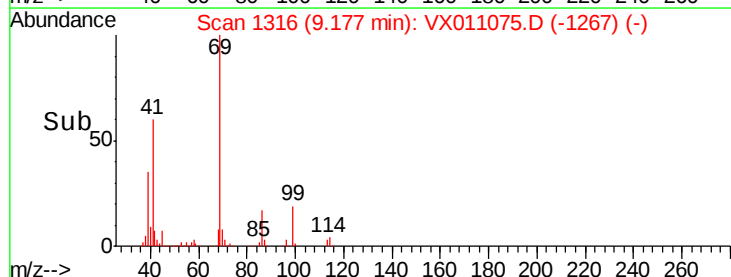
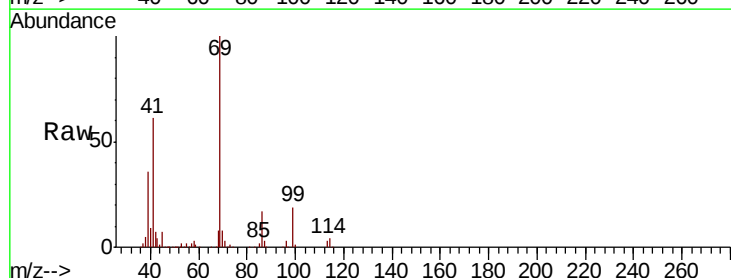
Ion 41.00 (40.70 to 41.70): VX0

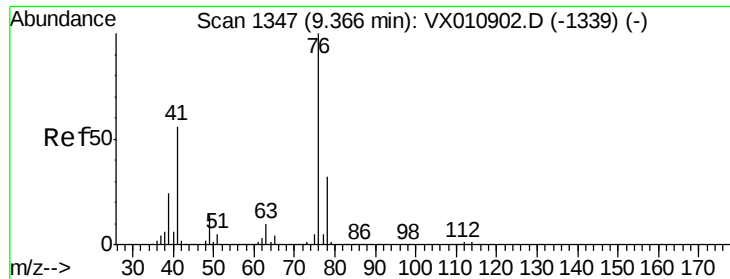
Ion 39.00 (38.70 to 39.70): VX0

9.18

Time-->

9.10 9.15 9.20 9.25





#57

1,3-Dichloropropane

Concen: 19.415 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

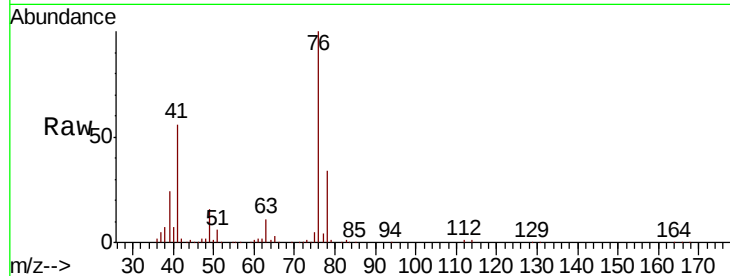
VX0725WBSD02

Tot Ion: 76 Resp: 61318

Ion Ratio Lower Upper

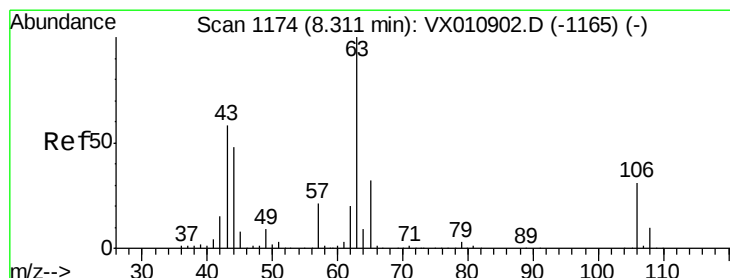
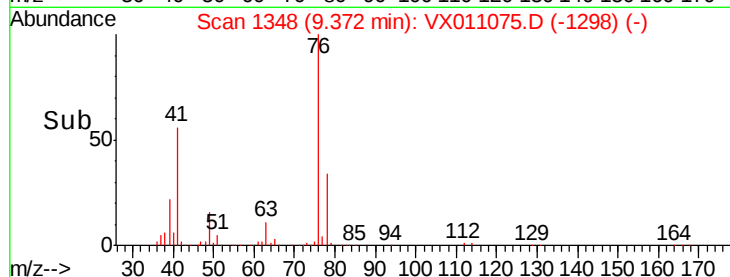
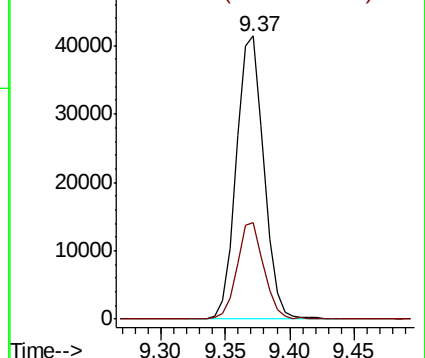
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 103.445 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011075.D

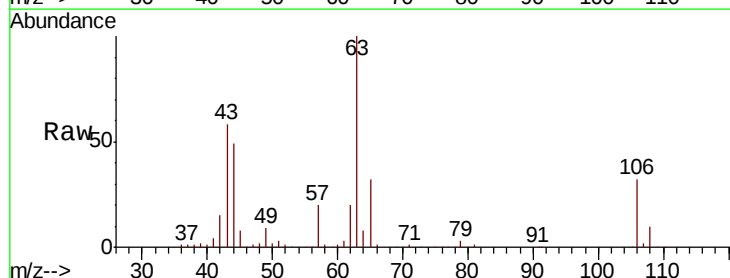
Acq: 25 Jul 2019 14:06

Tgt Ion: 63 Resp: 143808

Ion Ratio Lower Upper

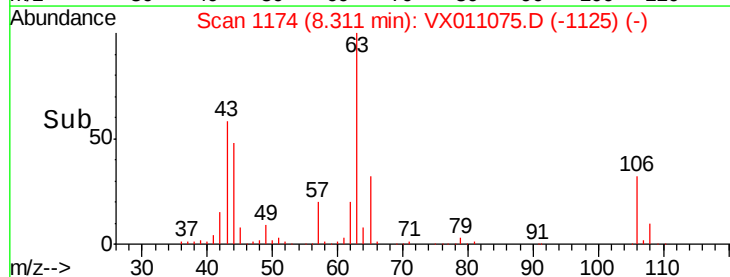
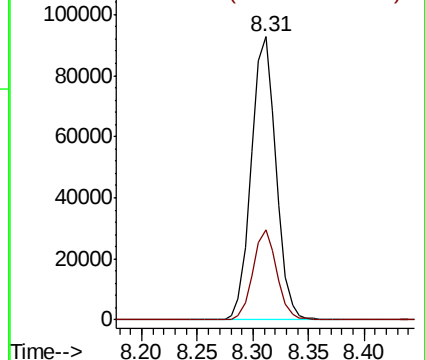
63 100

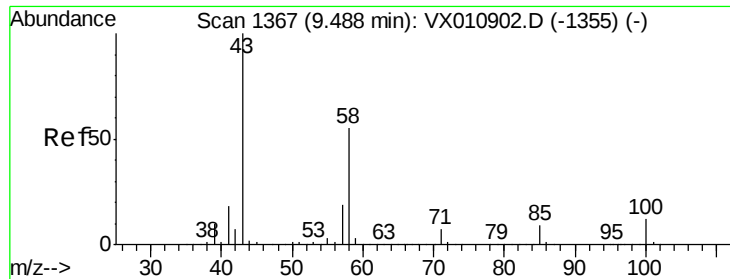
106 30.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

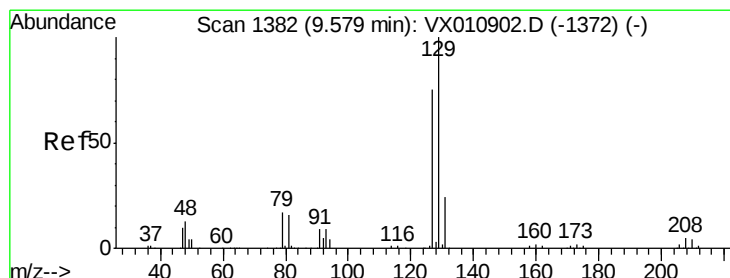
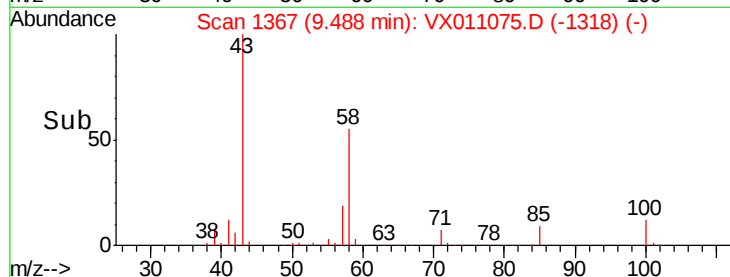
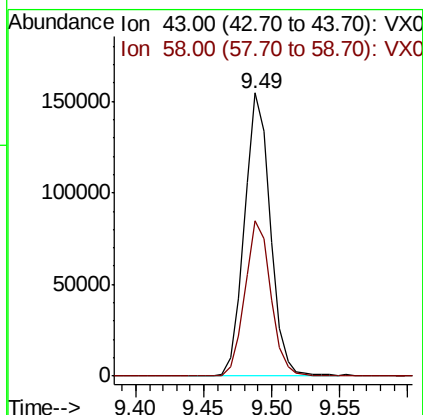
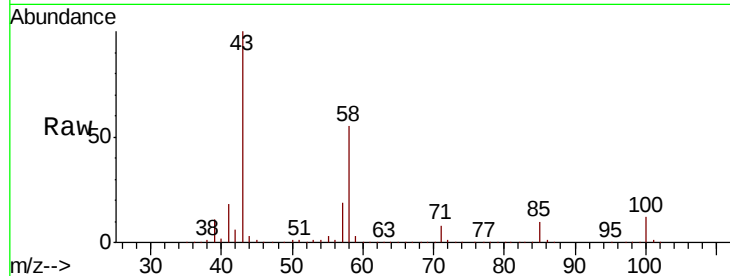




#59
 2-Hexanone
 Concen: 100.930 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

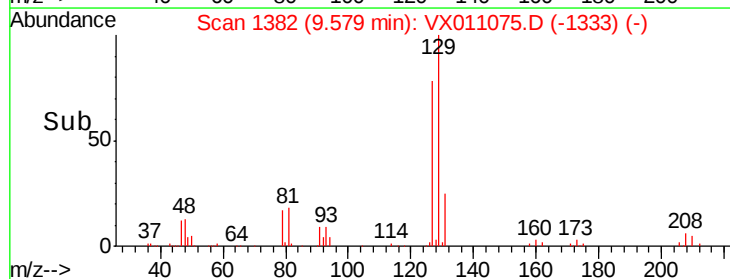
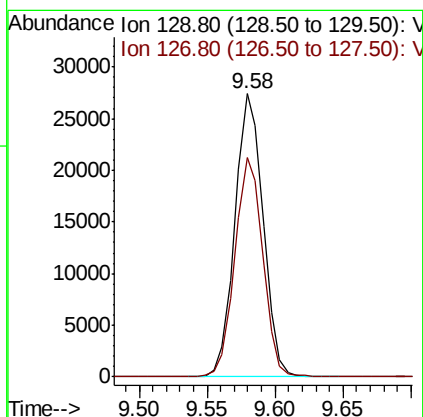
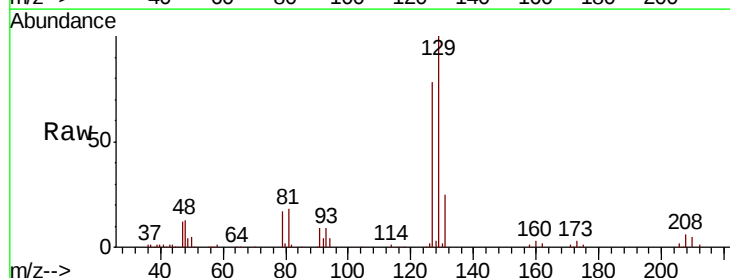
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion: 43 Resp: 205304
 Ion Ratio Lower Upper
 43 100
 58 55.3 28.0 83.9



#60
 Dibromochloromethane
 Concen: 18.910 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion:129 Resp: 39535
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.456 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

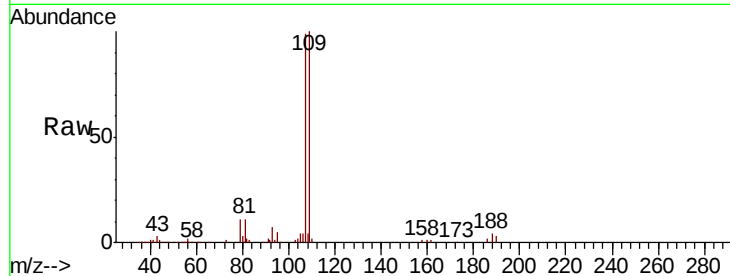
VX0725WBSD02

Tot Ion:107 Resp: 41108

Ion Ratio Lower Upper

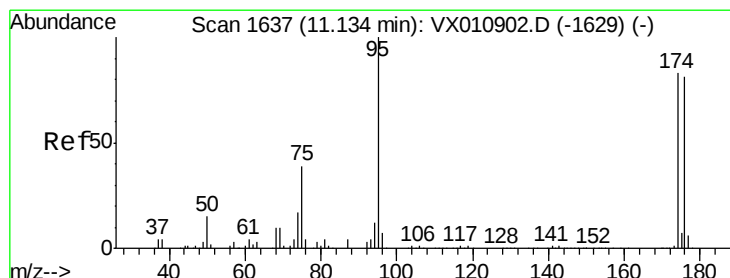
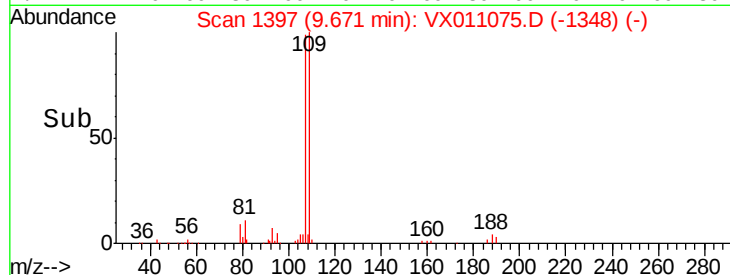
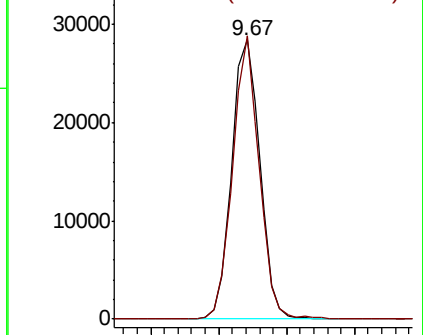
107 100

109 94.9 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: 50.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

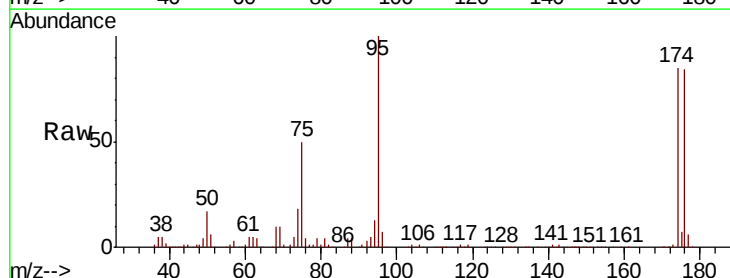
Tgt Ion: 95 Resp: 129698

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.6

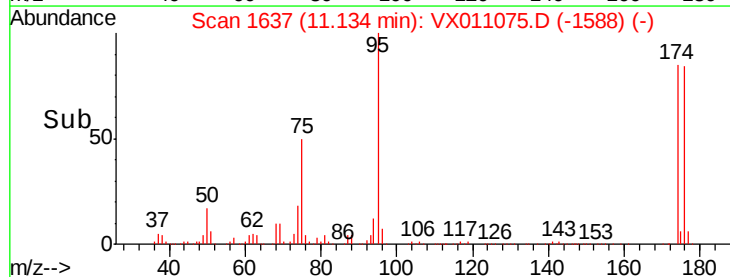
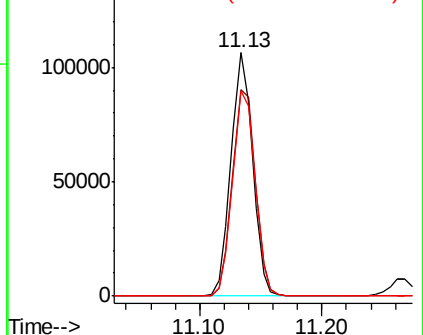
176 88.0 0.0 173.8

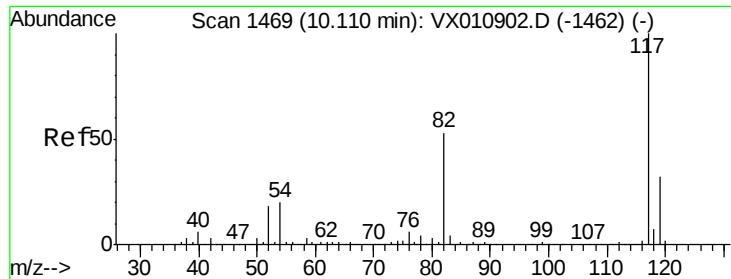


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

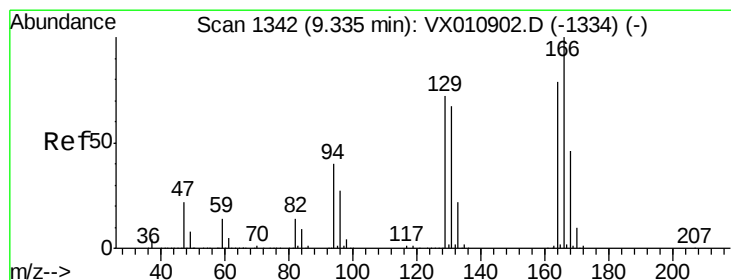
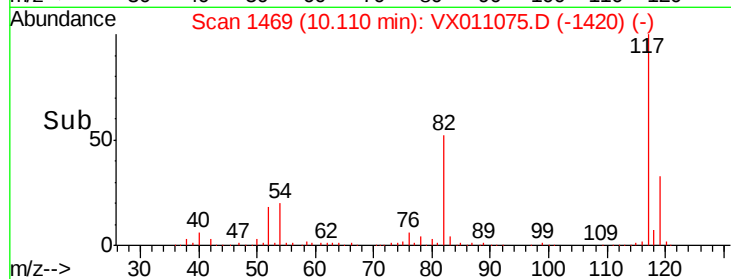
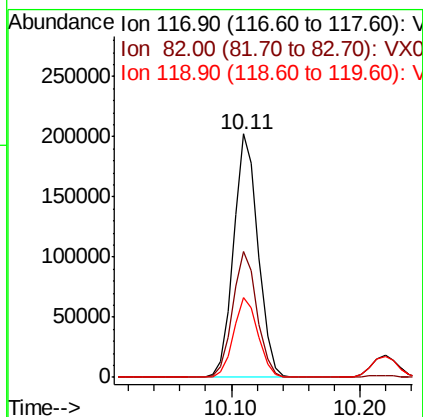
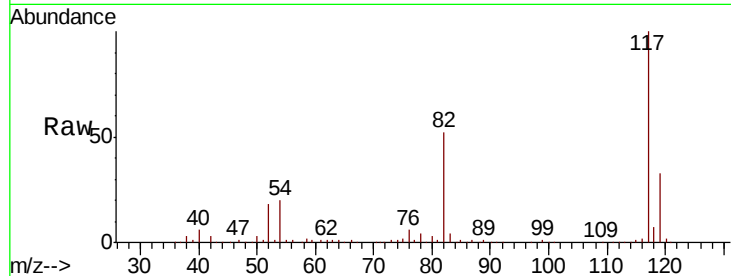




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

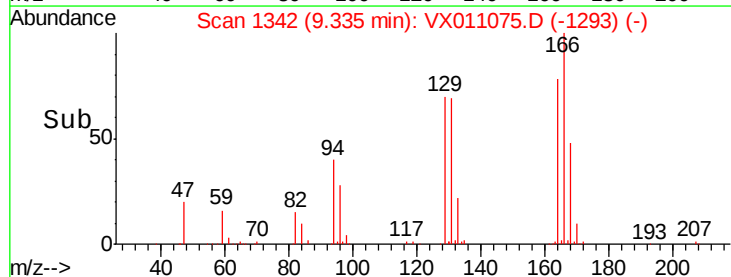
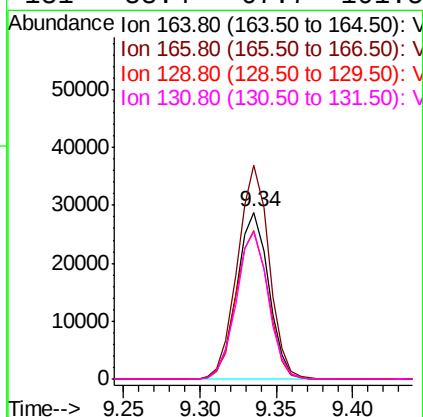
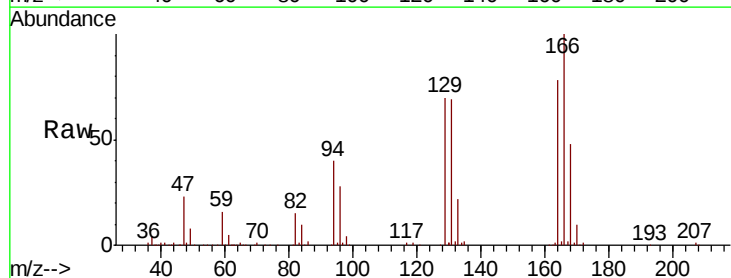
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

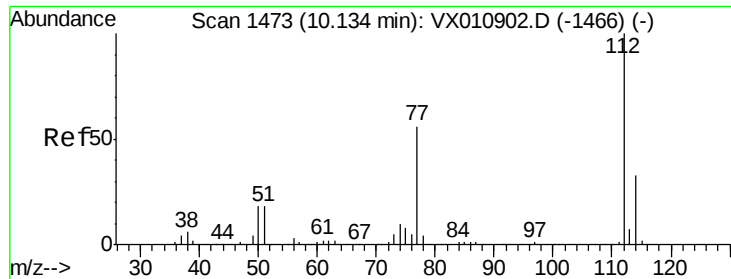
Tot Ion:117 Resp: 267798
Ion Ratio Lower Upper
117 100
82 51.6 42.6 63.8
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 19.812 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion:164 Resp: 41738
Ion Ratio Lower Upper
164 100
166 128.1 100.8 151.2
129 89.4 72.6 109.0
131 88.4 67.7 101.5

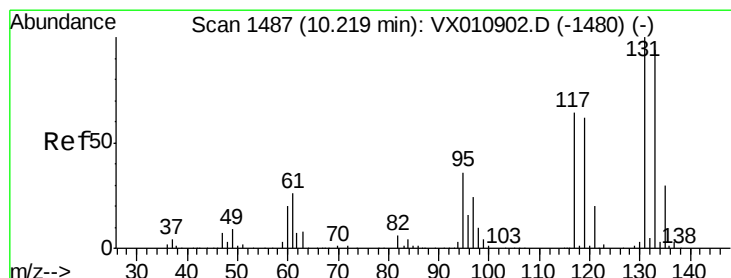
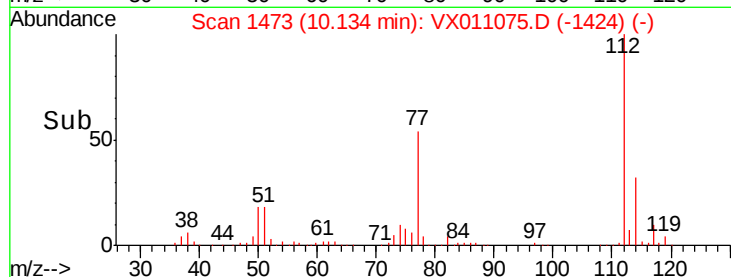
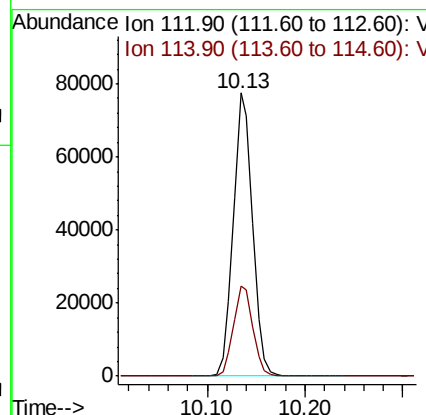
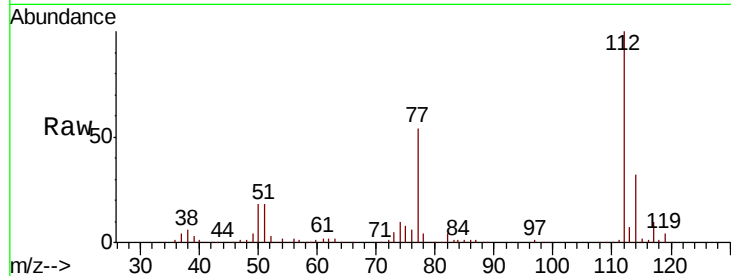




#65
Chlorobenzene
Concen: 19.207 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

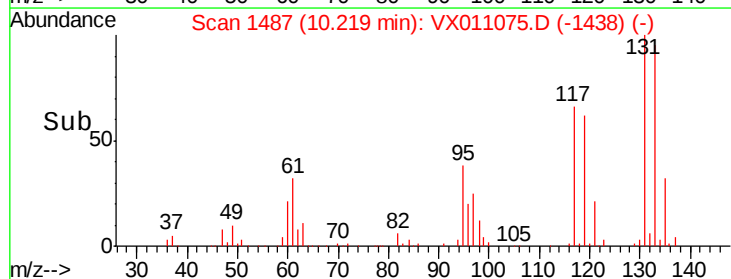
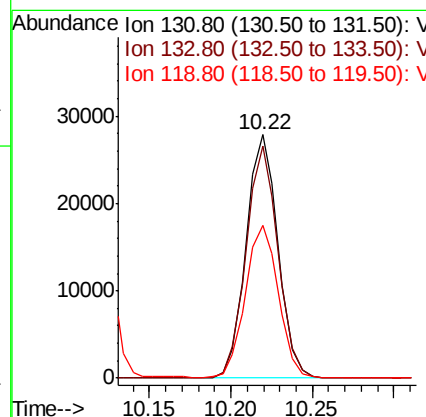
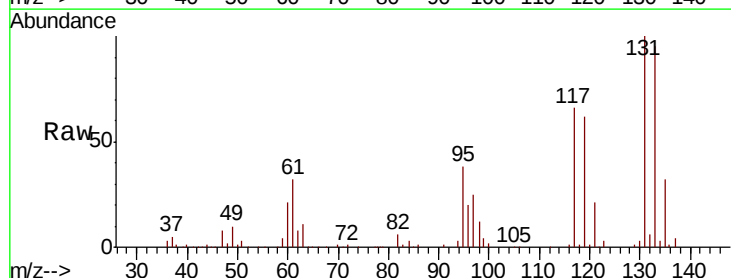
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

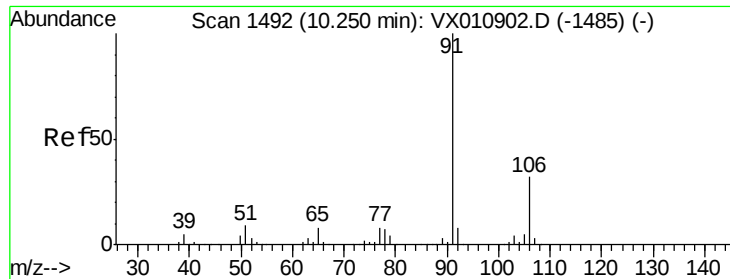
Tot Ion:112 Resp: 105647
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.589 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion:131 Resp: 37867
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.356 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

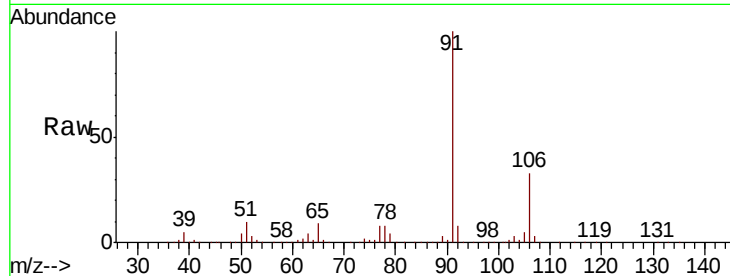
VX0725WBSD02

Tot Ion: 91 Resp: 181214

Ion Ratio Lower Upper

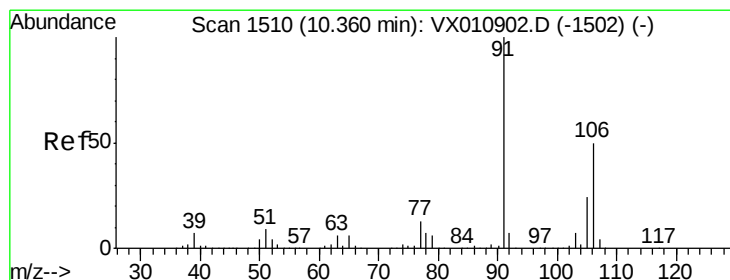
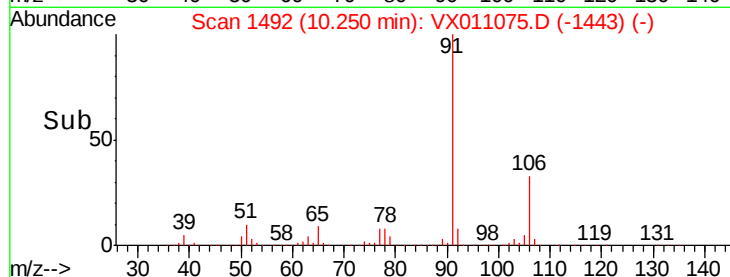
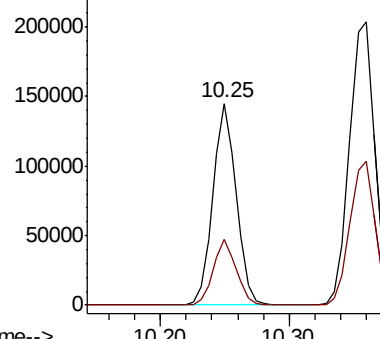
91 100

106 32.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.288 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011075.D

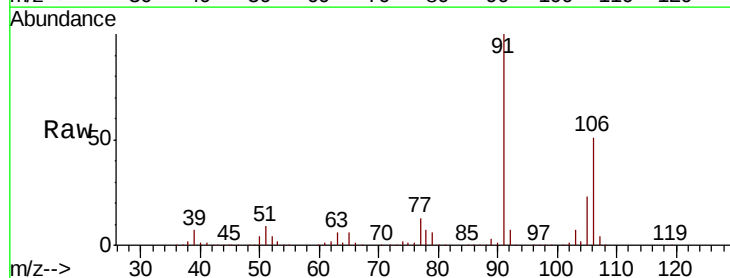
Acq: 25 Jul 2019 14:06

Tgt Ion: 106 Resp: 141094

Ion Ratio Lower Upper

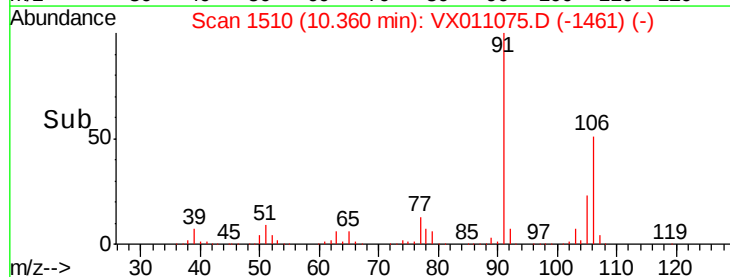
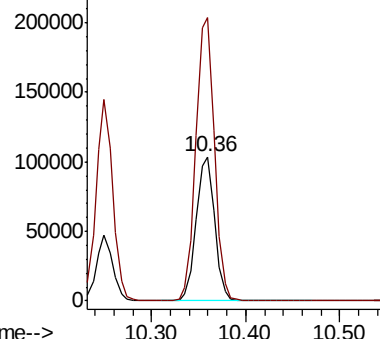
106 100

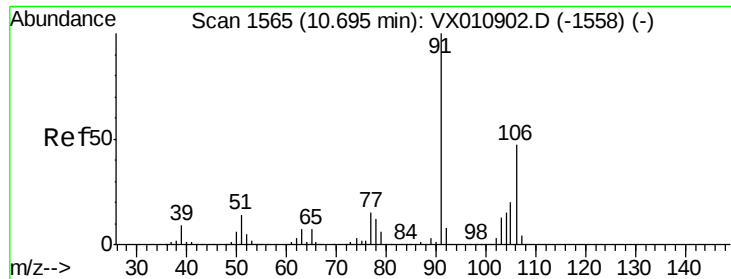
91 197.4 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

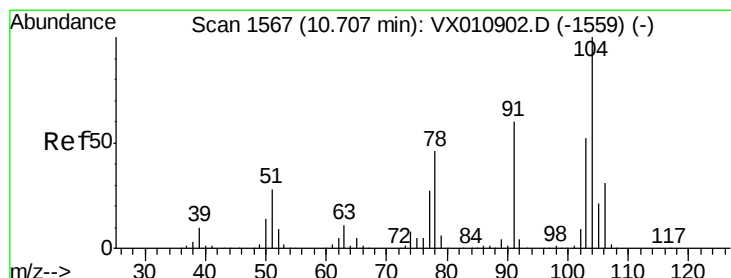
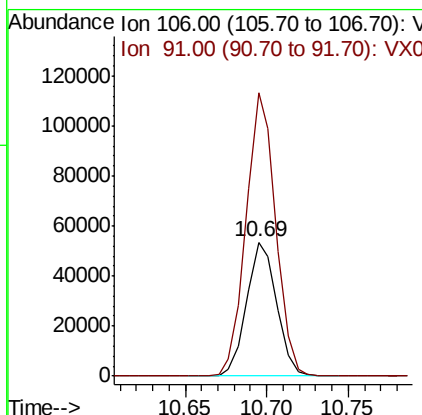
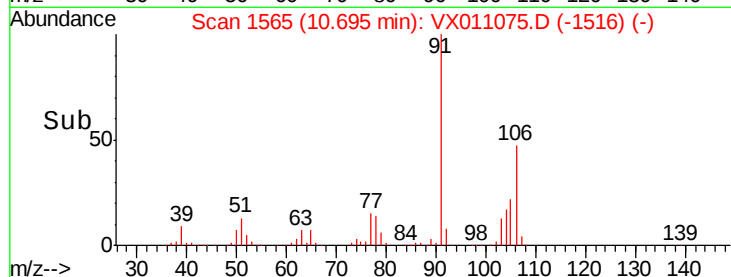
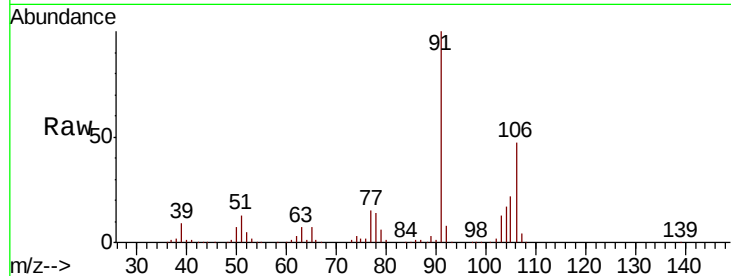




#69
o-Xylene
Concen: 19.597 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

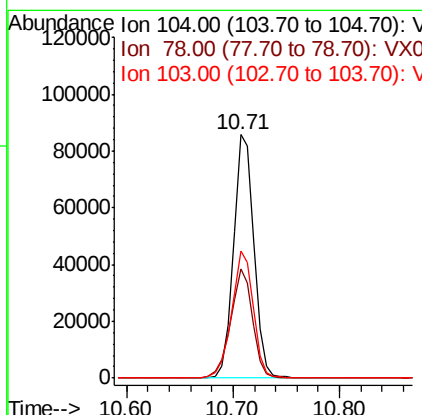
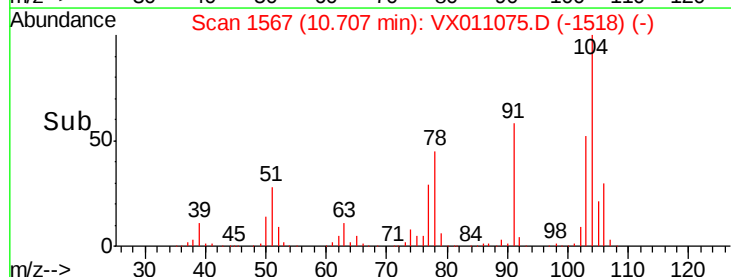
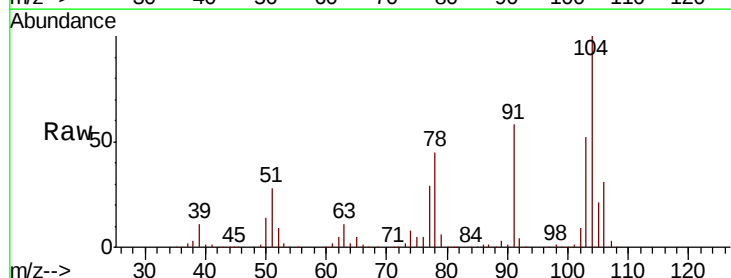
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

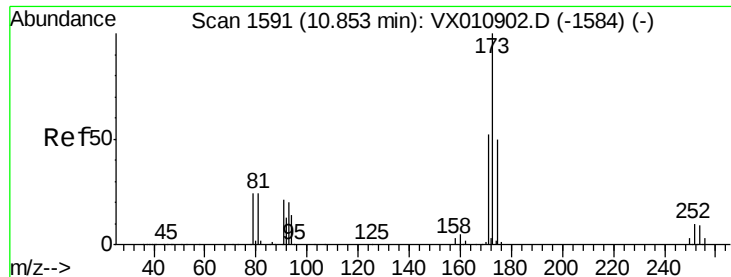
Tot Ion:106 Resp: 68687
Ion Ratio Lower Upper
106 100
91 209.8 105.1 315.3



#70
Styrene
Concen: 19.759 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion:104 Resp: 115448
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 17.752 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

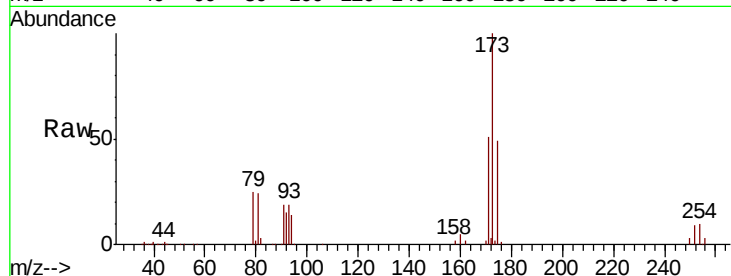
Tot Ion:173 Resp: 28196

Ion Ratio Lower Upper

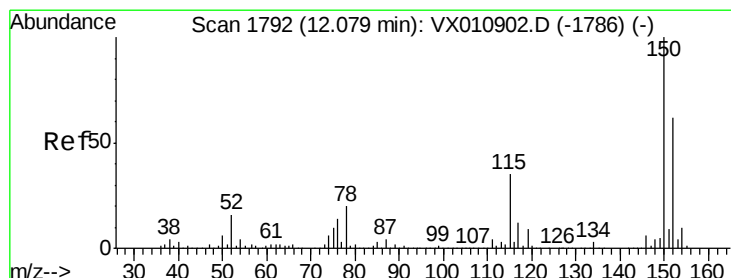
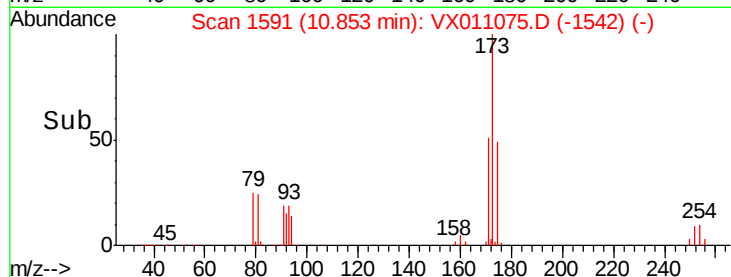
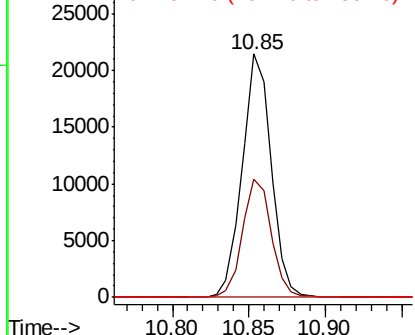
173 100

175 48.1 24.6 73.6

254 0.1 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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

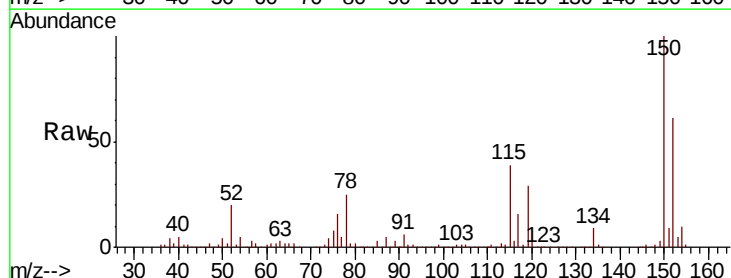
Tgt Ion:152 Resp: 137813

Ion Ratio Lower Upper

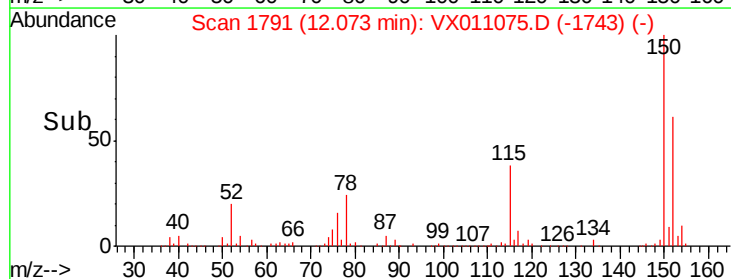
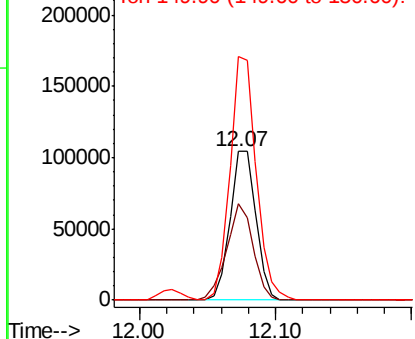
152 100

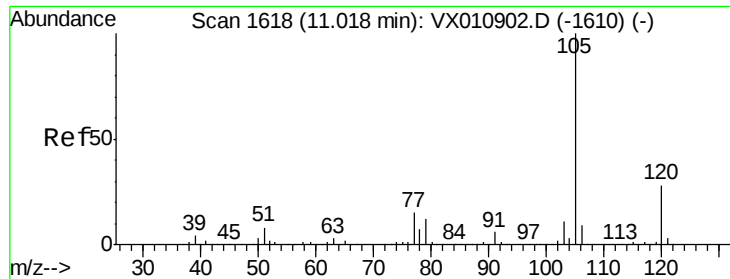
115 66.3 39.7 119.1

150 165.7 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: 19.824 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

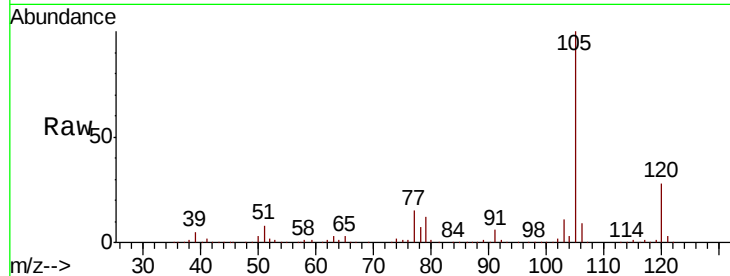
VX0725WBSD02

Tot Ion:105 Resp: 184597

Ion Ratio Lower Upper

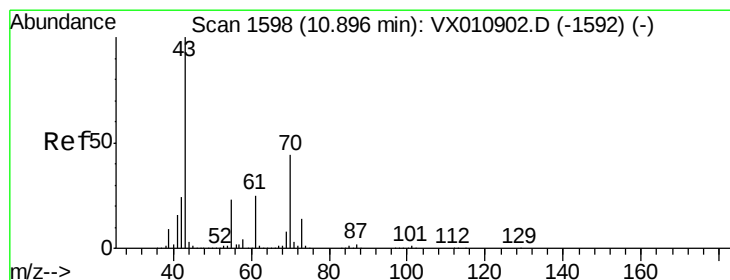
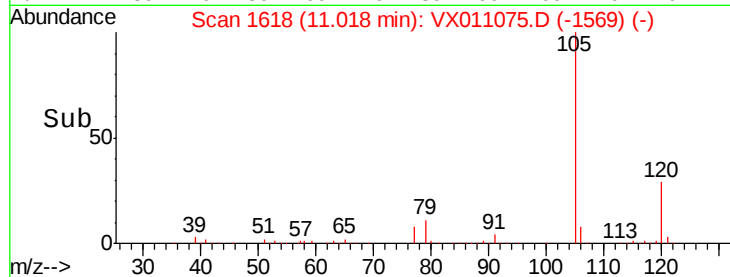
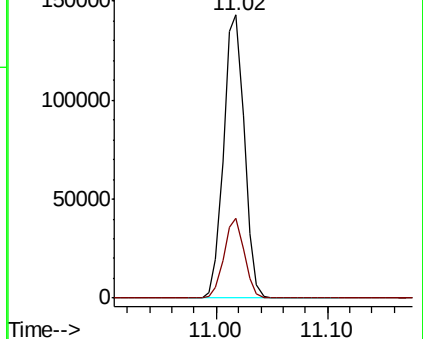
105 100

120 27.5 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: 19.444 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion: 43 Resp: 69183

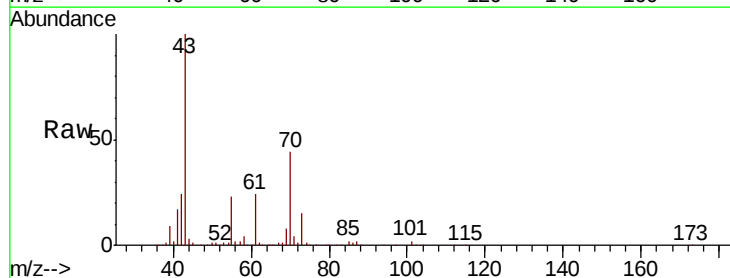
Ion Ratio Lower Upper

43 100

70 44.4 34.7 52.1

55 24.9 19.1 28.7

61 25.2 19.9 29.9

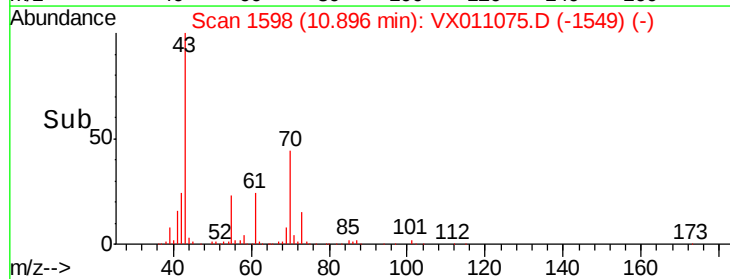
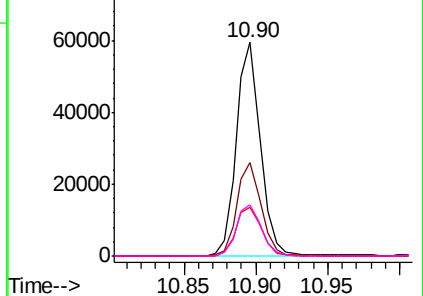


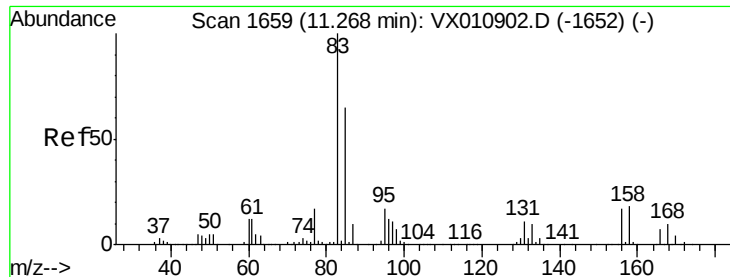
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.848 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

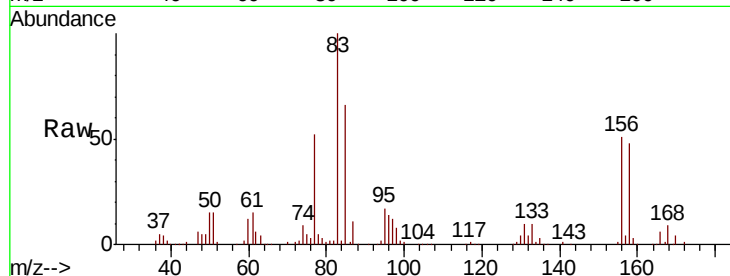
Tot Ion: 83 Resp: 60485

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

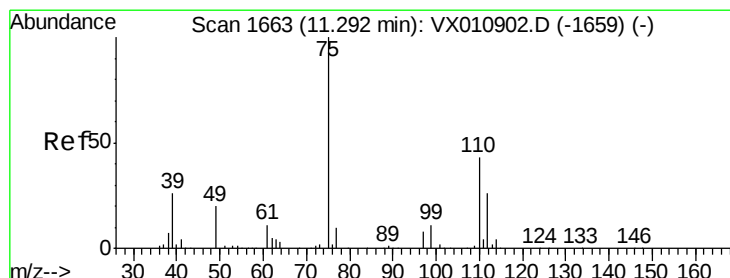
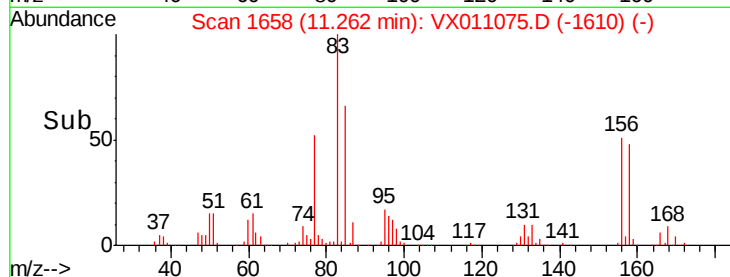
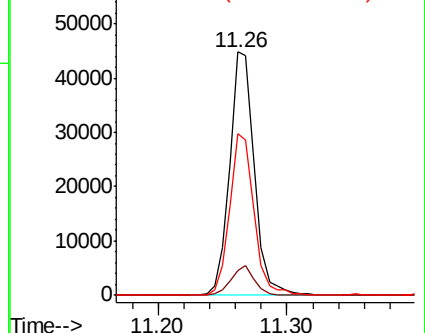
85 65.5 32.3 96.9



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: 25.799 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011075.D

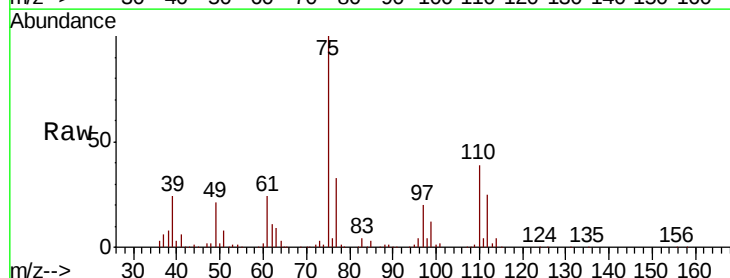
Acq: 25 Jul 2019 14:06

Tgt Ion: 75 Resp: 64159

Ion Ratio Lower Upper

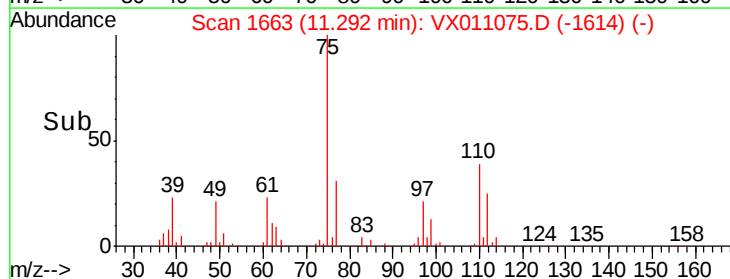
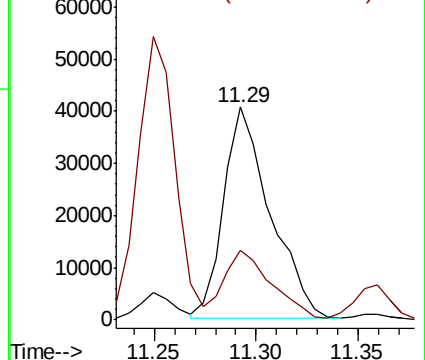
75 100

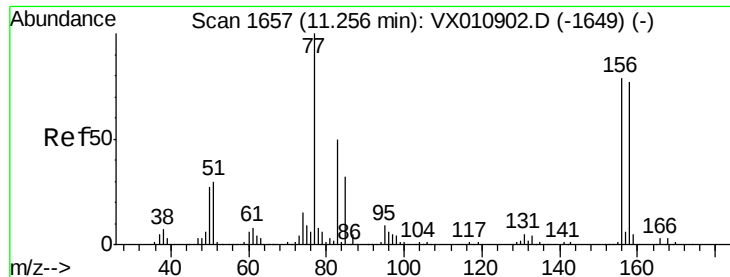
77 33.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.738 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

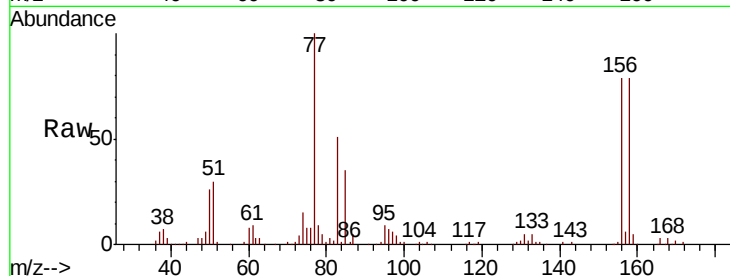
Tot Ion:156 Resp: 50699

Ion Ratio Lower Upper

156 100

77 135.6 68.7 206.1

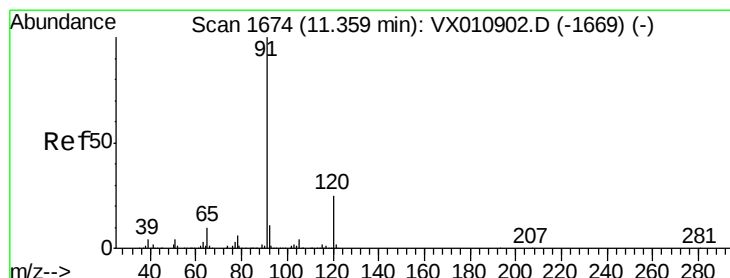
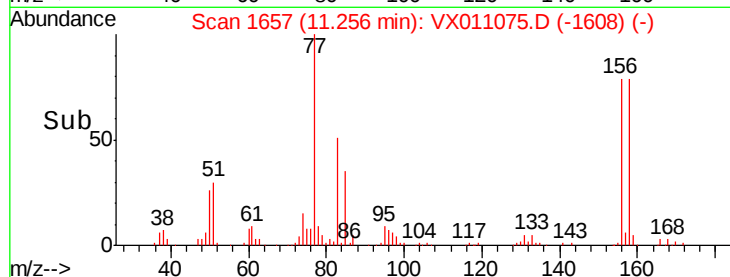
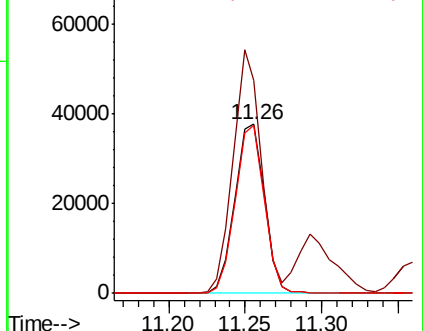
158 97.2 47.9 143.7



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: 19.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011075.D

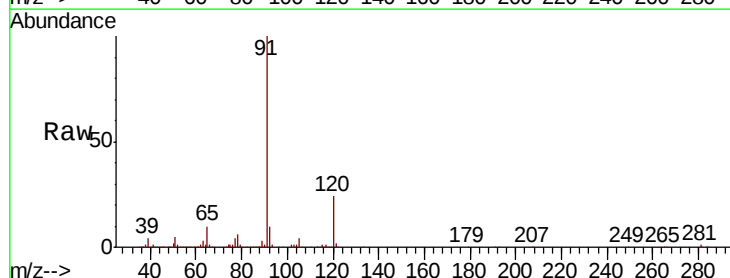
Acq: 25 Jul 2019 14:06

Tgt Ion: 91 Resp: 203179

Ion Ratio Lower Upper

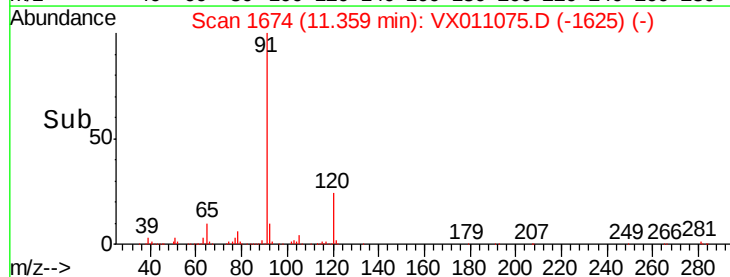
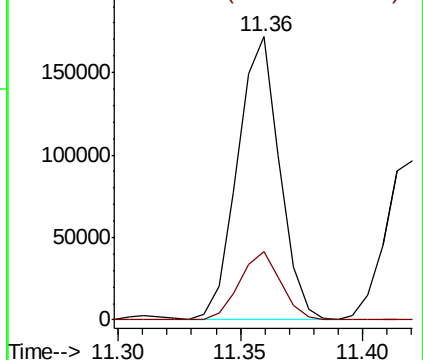
91 100

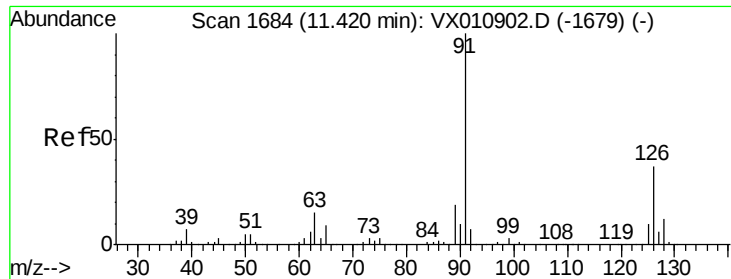
120 23.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

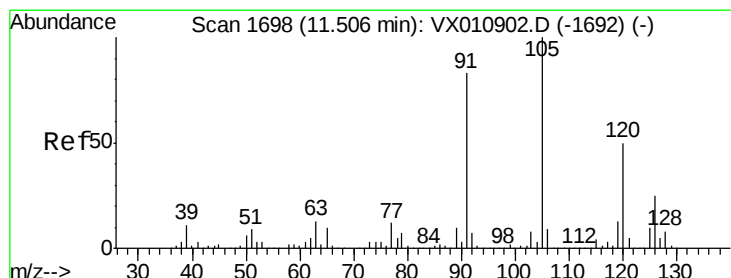
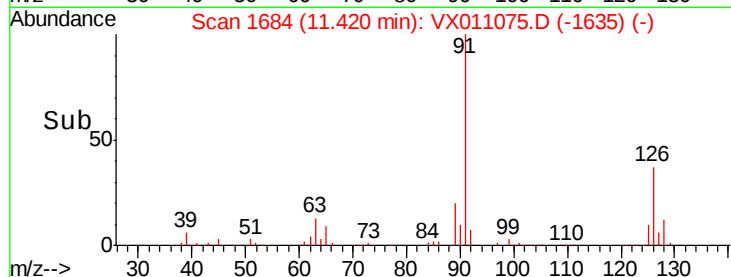
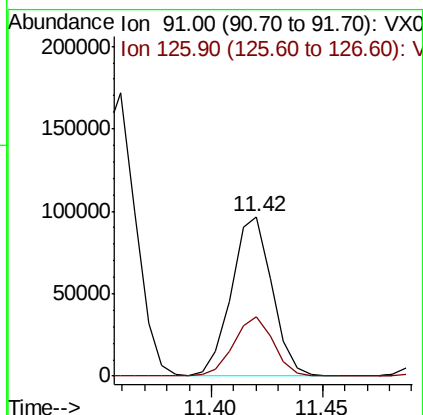
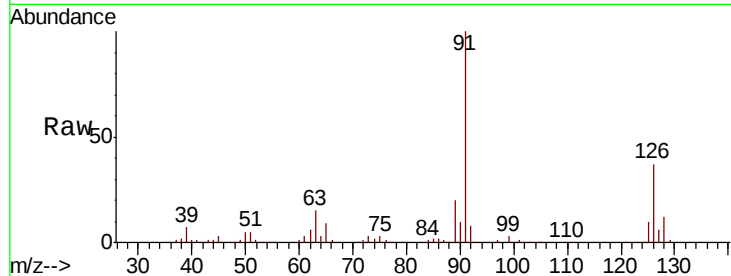




#79
2-Chlorotoluene
Concen: 19.895 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

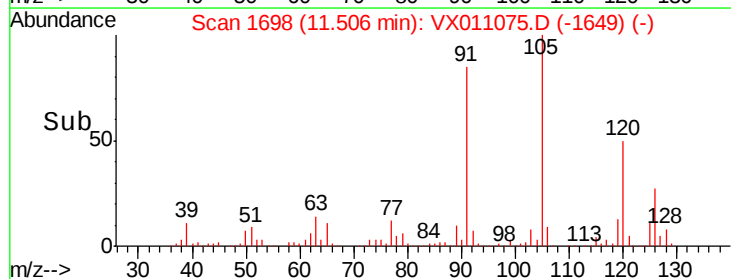
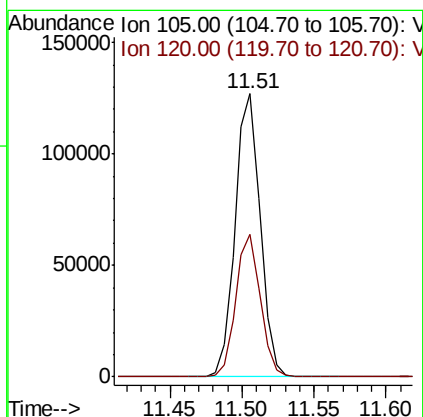
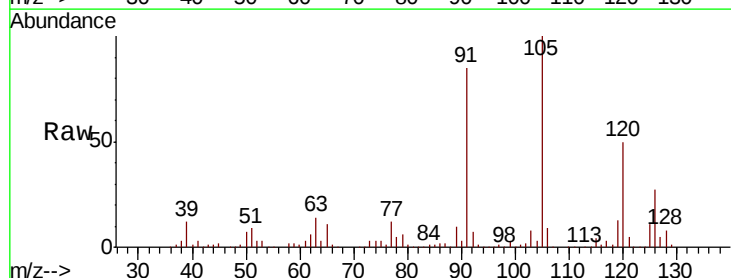
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

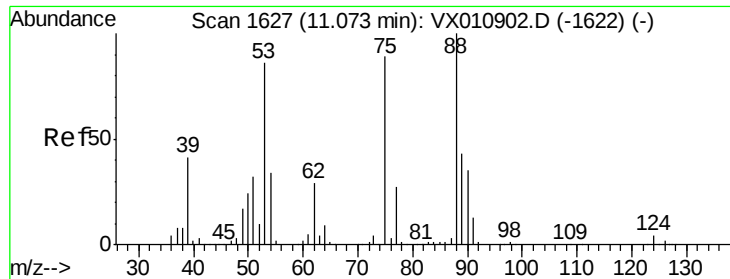
Tot Ion: 91 Resp: 122970
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.900 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 105 Resp: 154842
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8

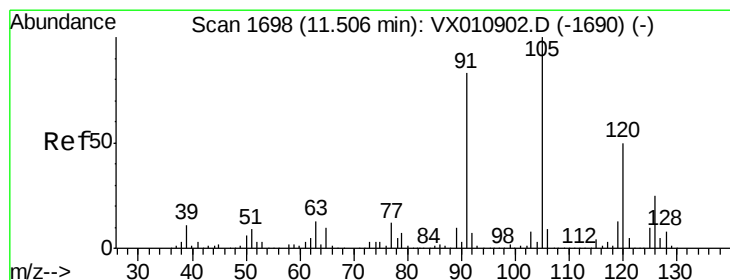
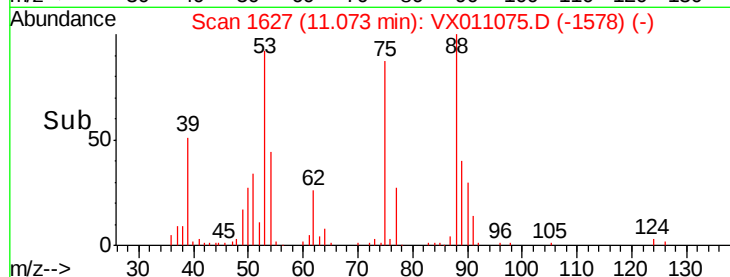
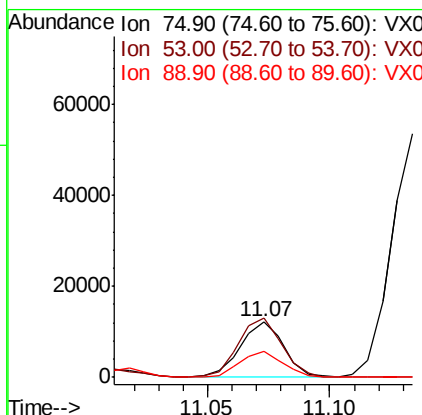
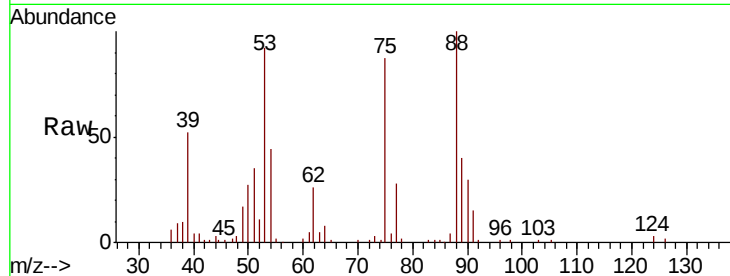




#81
trans-1,4-Dichloro-2-butene
Concen: 18.107 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

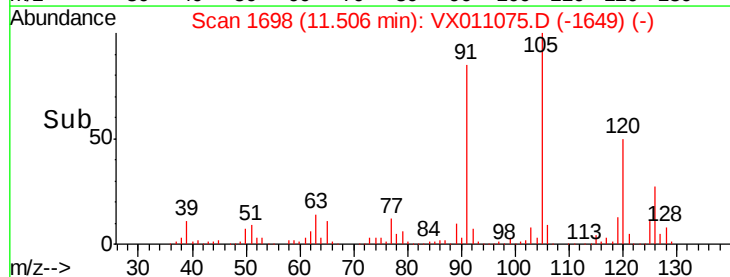
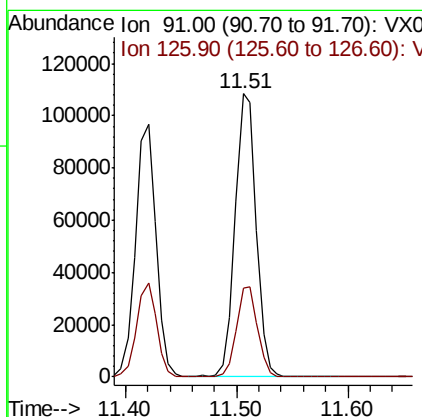
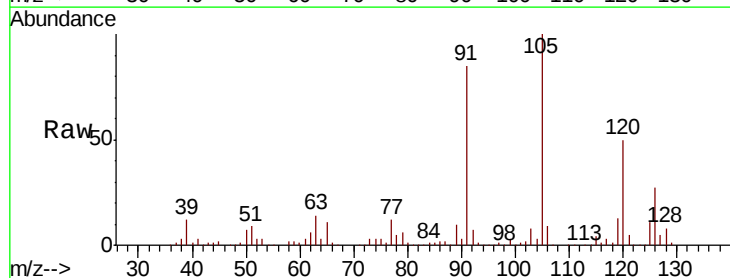
Instrument :
MSVOA_X
ClientSampled :
VX0725WBSD02

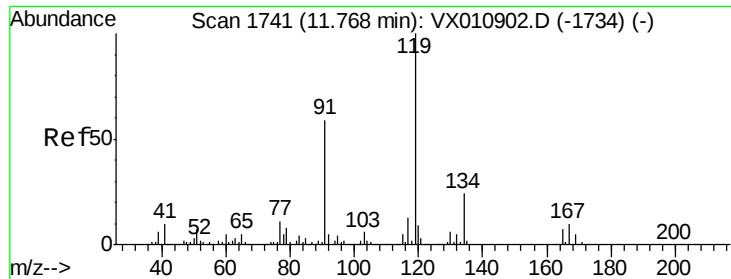
Tot Ion: 75 Resp: 15066
Ion Ratio Lower Upper
75 100
53 109.2 76.7 115.1
89 47.1 38.5 57.7



#82
4-Chlorotoluene
Concen: 19.675 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 91 Resp: 141537
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.009 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleID :

VX0725WBSD02

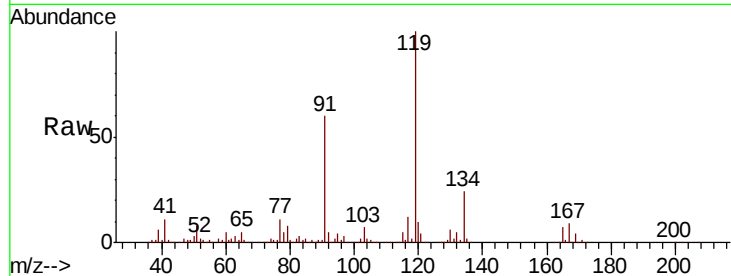
Tot Ion:119 Resp: 152930

Ion Ratio Lower Upper

119 100

91 58.5 28.6 85.8

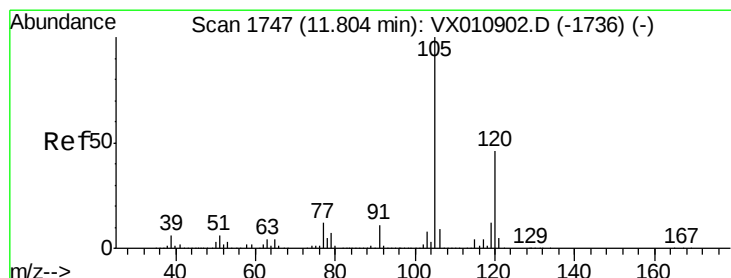
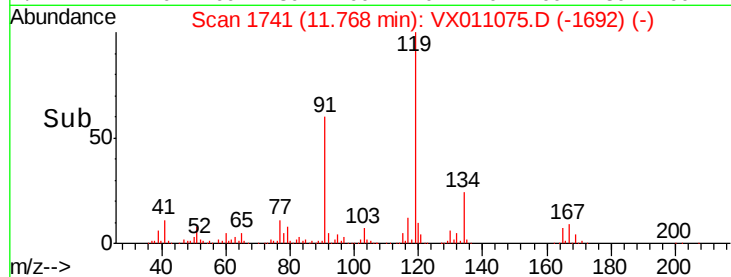
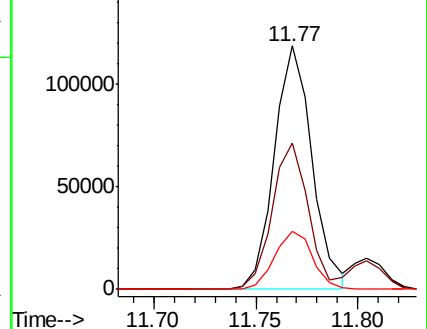
134 23.9 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.752 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011075.D

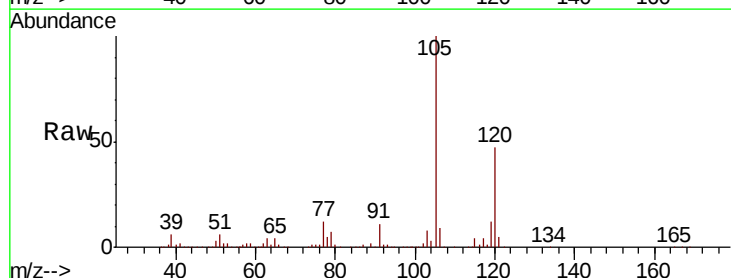
Acq: 25 Jul 2019 14:06

Tgt Ion:105 Resp: 154909

Ion Ratio Lower Upper

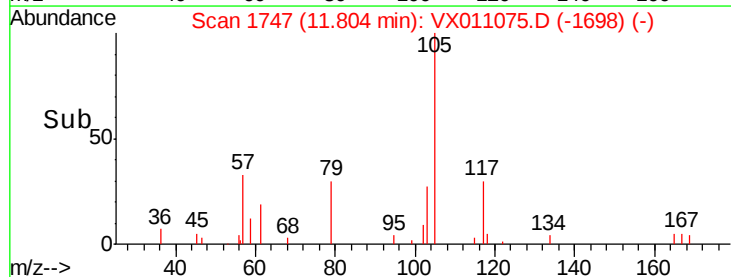
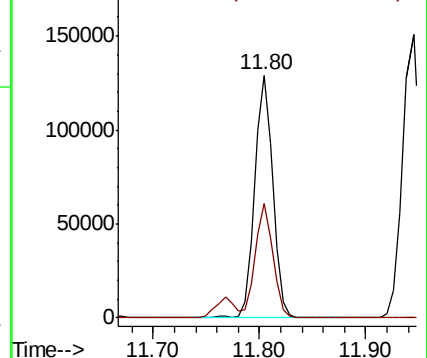
105 100

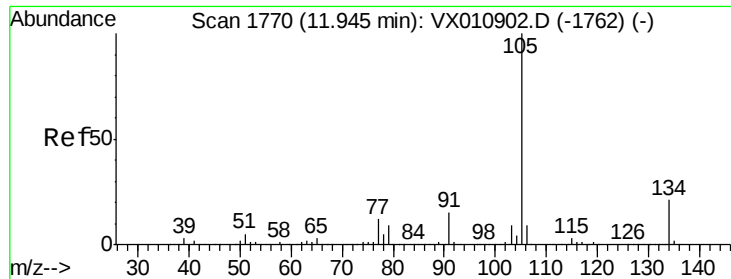
120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

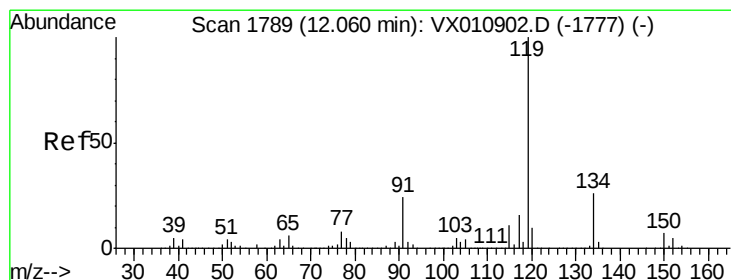
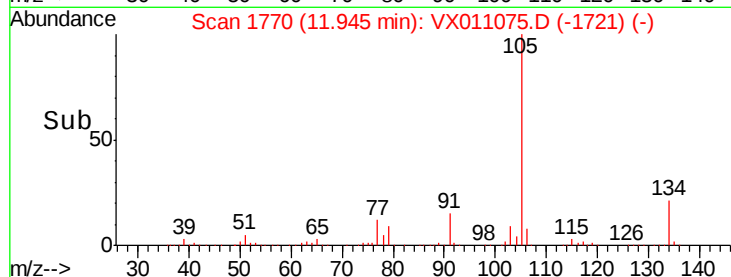
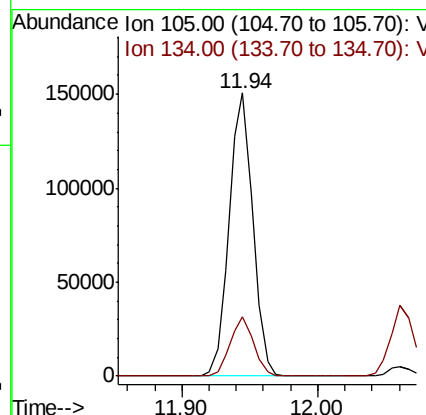
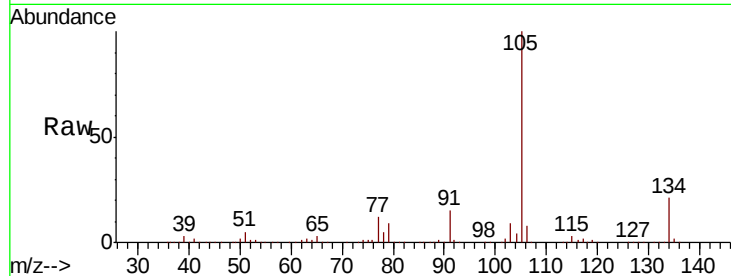




#85
 sec-Butylbenzene
 Concen: 20.271 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

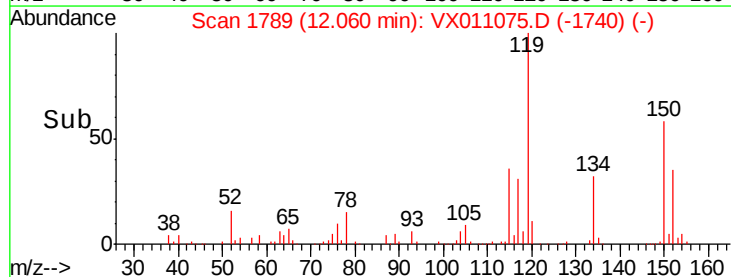
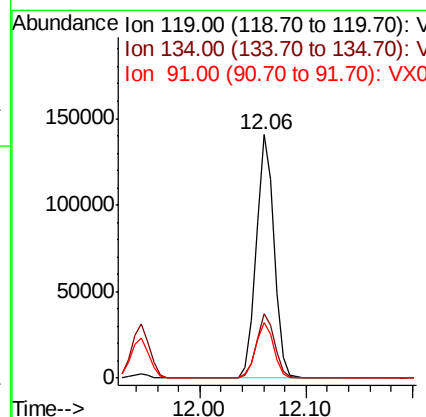
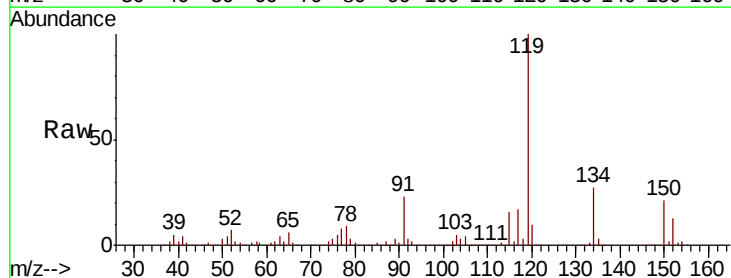
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

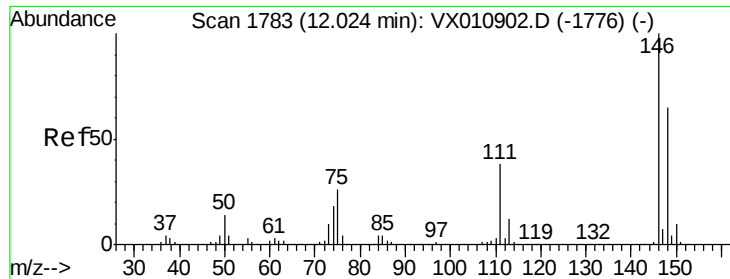
Tot Ion:105 Resp: 181539
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.974 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion:119 Resp: 165374
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.3 11.8 35.4

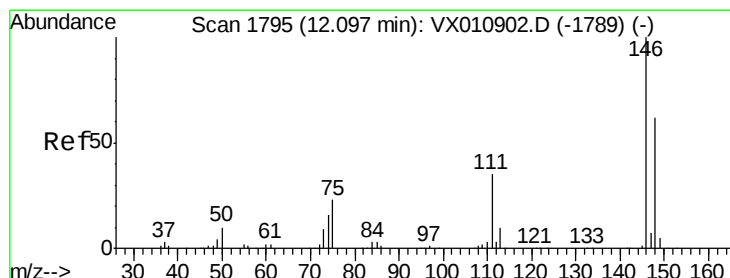
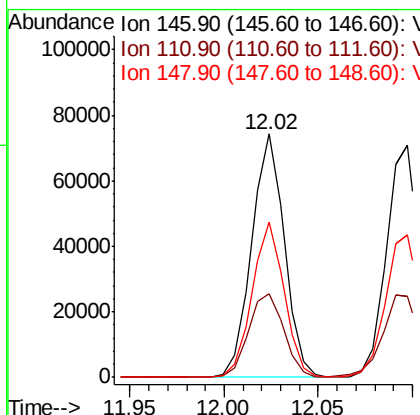
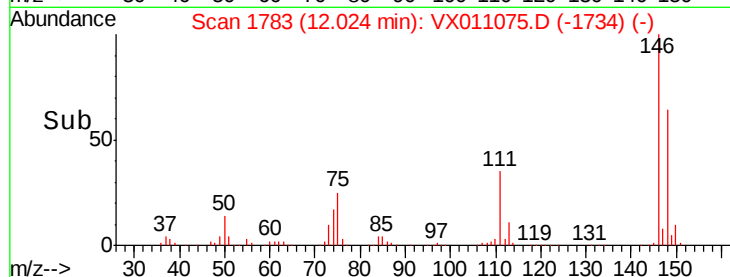
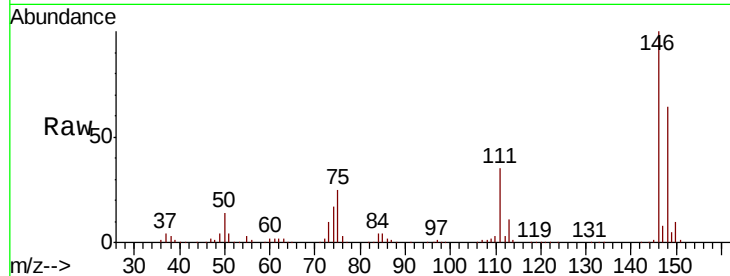




#87
 1,3-Dichlorobenzene
 Concen: 20.055 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

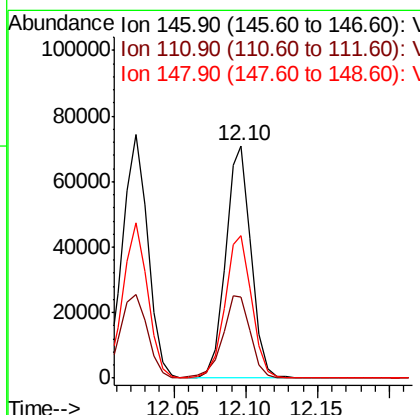
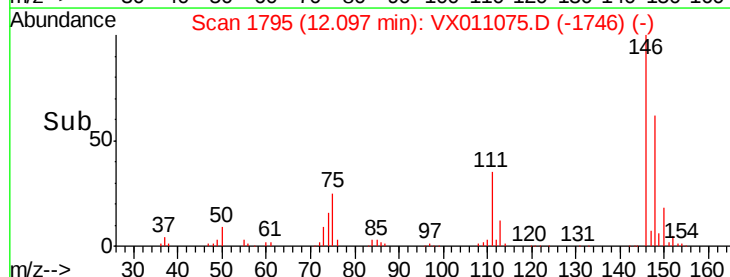
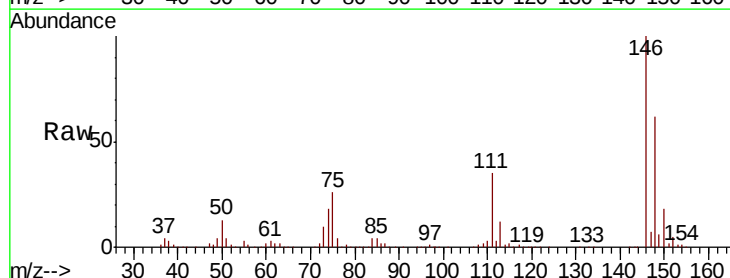
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

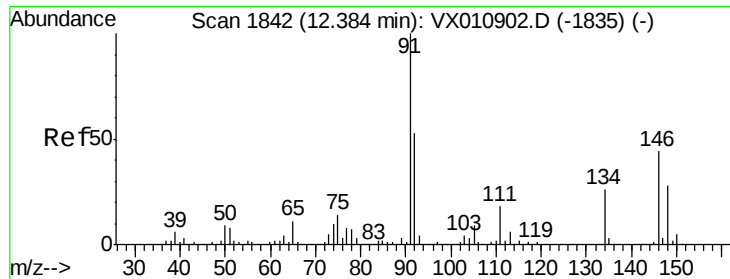
Tot Ion:146 Resp: 89394
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 62.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.160 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion:146 Resp: 87594
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 55.8
 148 64.8 31.6 94.7

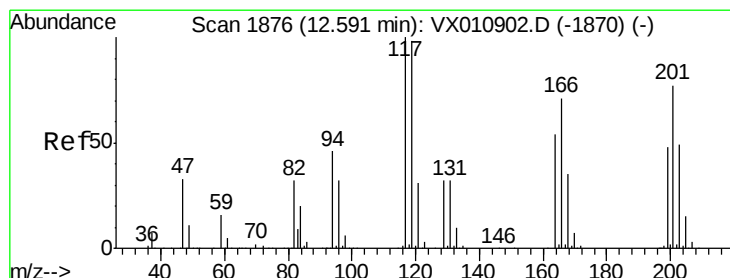
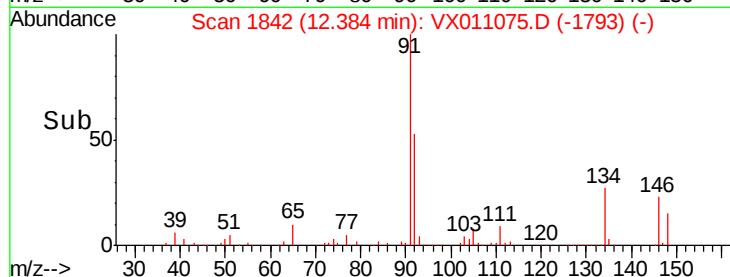
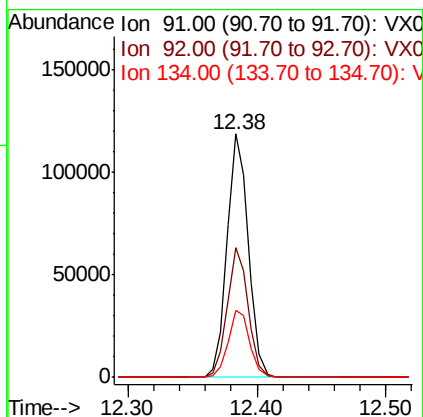
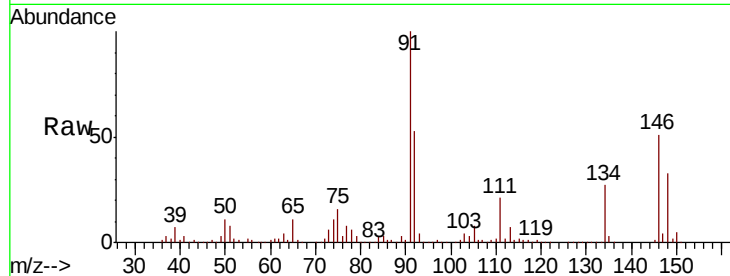




#89
n-Butylbenzene
Concen: 19.547 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

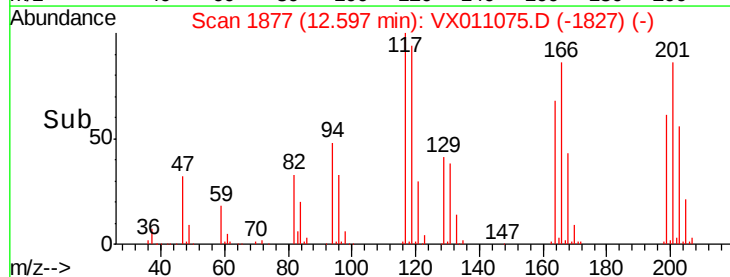
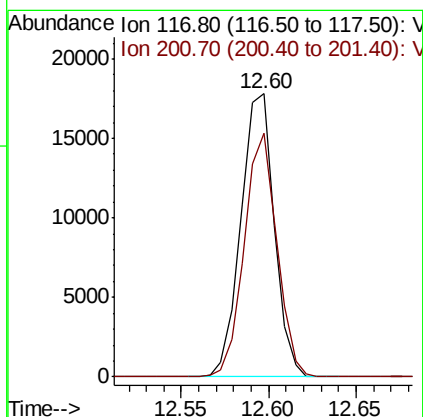
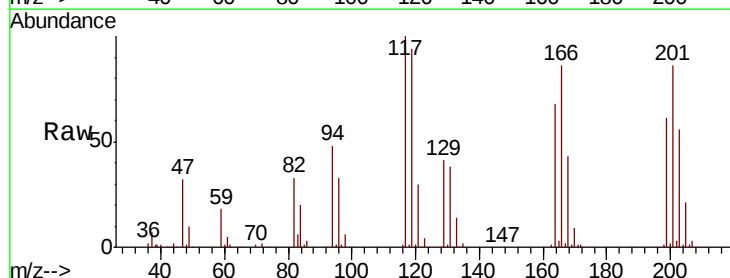
Instrument :
MSVOA_X
ClientSampleID :
VX0725WBSD02

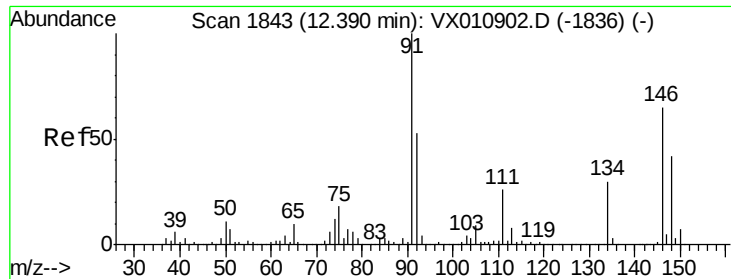
Tot Ion: 91 Resp: 138460
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 27.7 13.8 41.3



#90
Hexachloroethane
Concen: 18.113 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 117 Resp: 23653
Ion Ratio Lower Upper
117 100
201 83.8 43.3 129.8

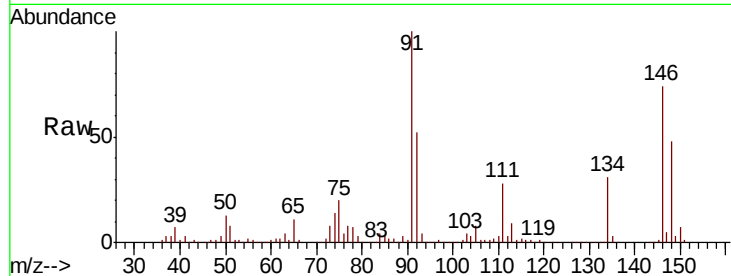




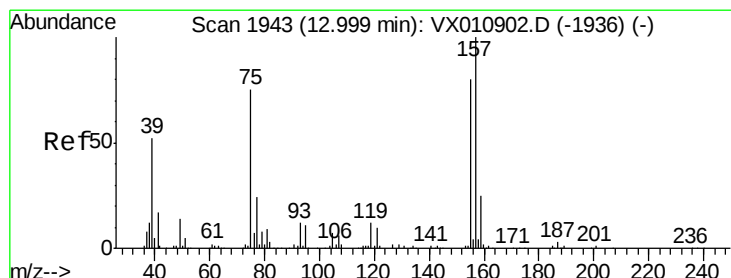
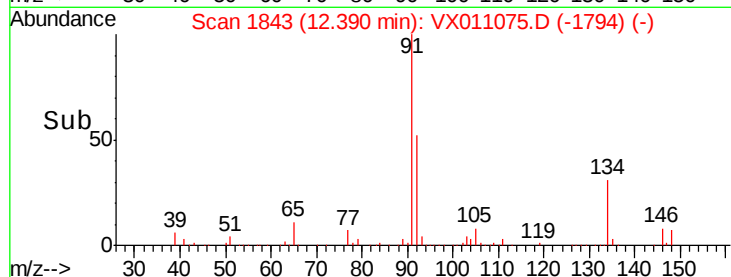
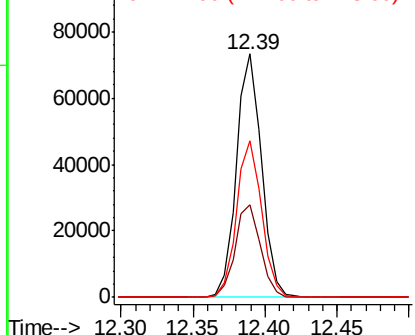
#91
 1,2-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion:146 Resp: 89357
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.7
 148 64.3 32.0 96.2

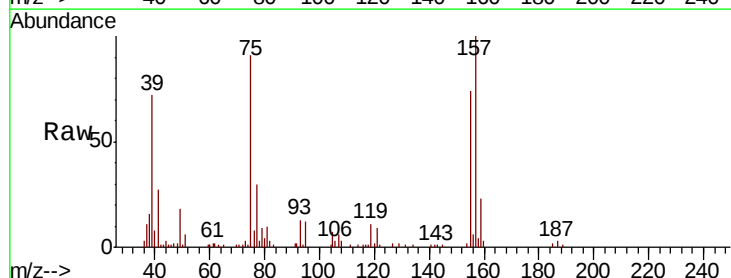


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

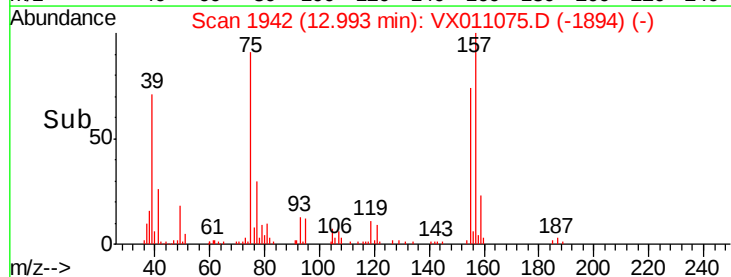
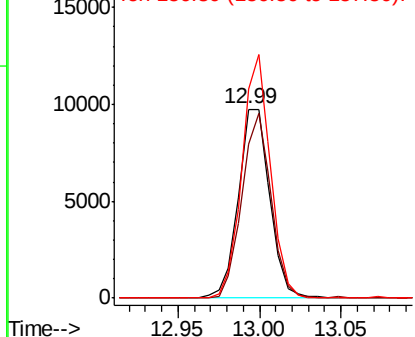


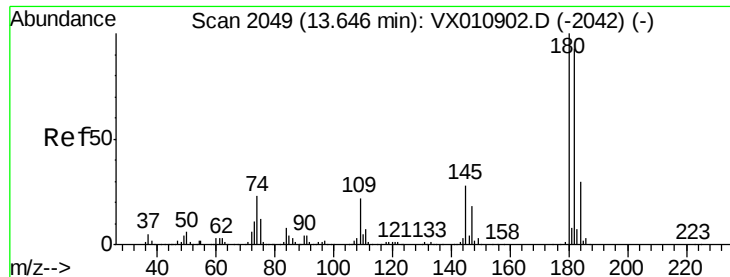
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.523 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 75 Resp: 13073
 Ion Ratio Lower Upper
 75 100
 155 90.8 48.7 146.1
 157 116.3 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

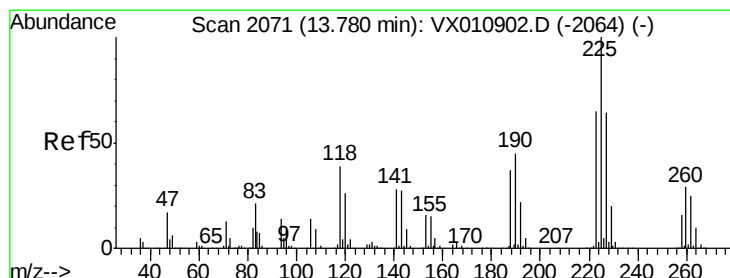
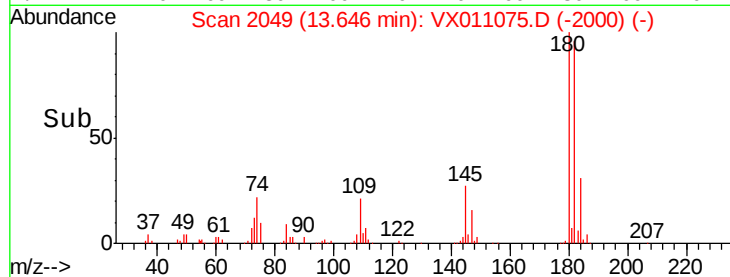
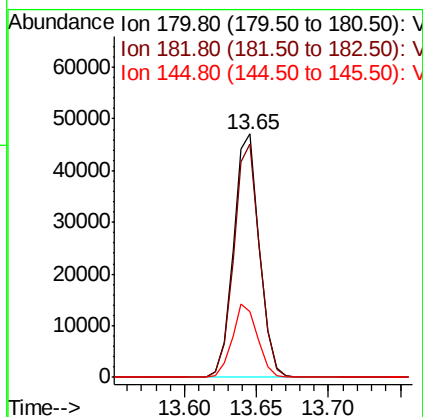
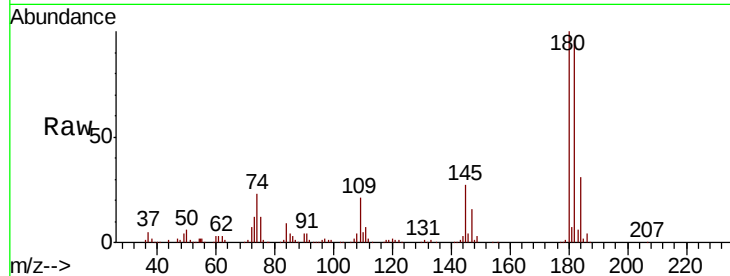




#93
 1,2,4-Trichlorobenzene
 Concen: 19.685 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

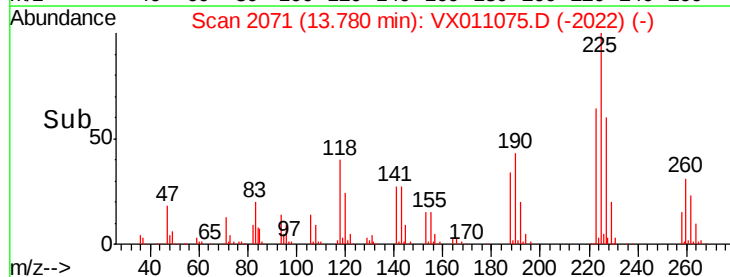
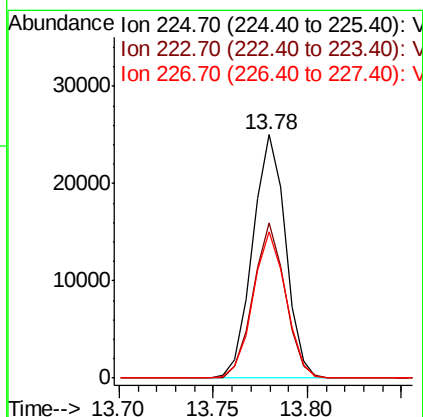
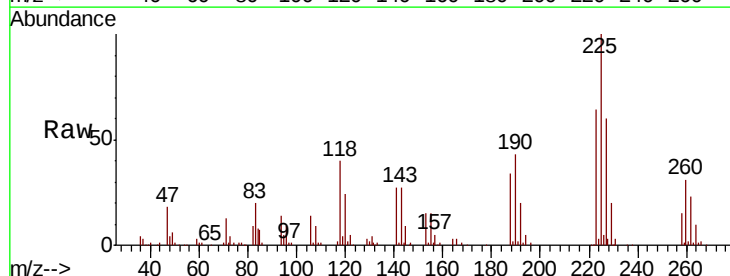
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

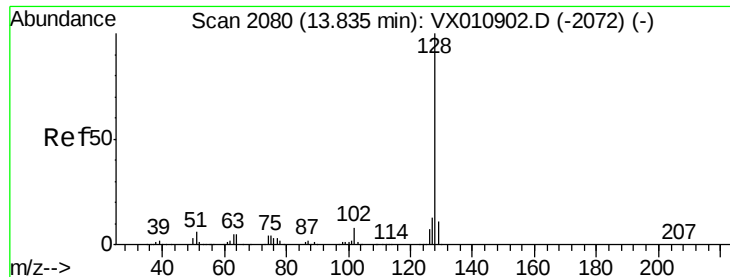
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.3
145	29.7	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 20.377 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.9
227	60.6	32.5	97.4





#95

Naphthalene

Concen: 19.566 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

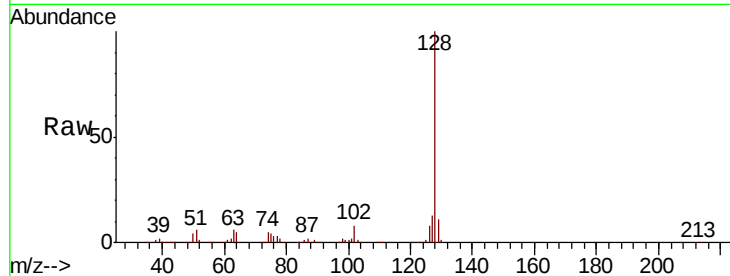
Tot Ion:128 Resp: 172986

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

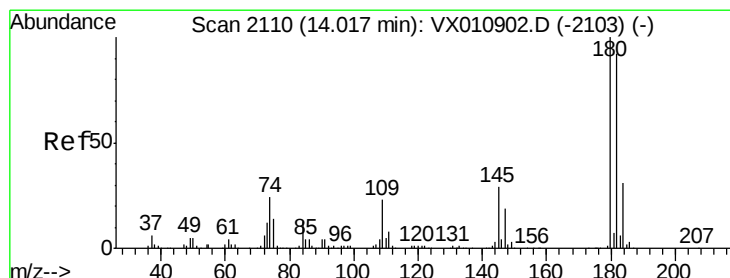
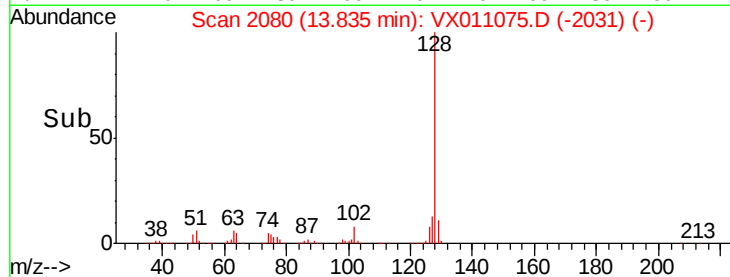
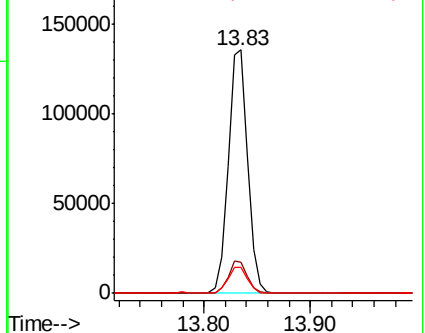
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.634 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

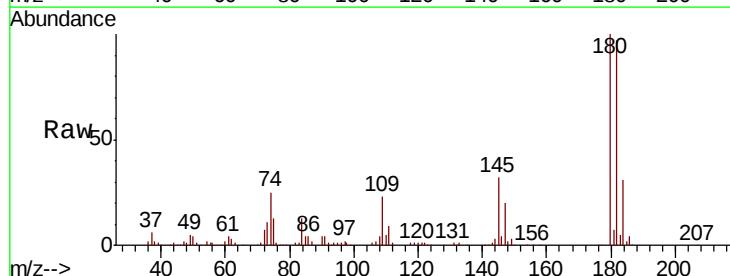
Tgt Ion:180 Resp: 61468

Ion Ratio Lower Upper

180 100

182 92.8 47.4 142.3

145 30.5 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

