

Data File : VU025639.D
Acq On : 25 Jul 2018 18:41
Operator : MD/SY
Sample : VU0725WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Quant Time: Jul 26 02:30:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	33876	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	12633	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14656	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	23713	1.963	ug/l	98
3) Chloromethane	1.33	50	21311	1.866	ug/l	98
4) Vinyl Chloride	1.40	62	20761	1.964	ug/l	97
5) Bromomethane	1.63	94	9321	1.810	ug/l	100
6) Chloroethane	1.70	64	12770	2.013	ug/l	95
7) Trichlorofluoromethane	1.89	101	31324	2.032	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16639	1.966	ug/l	96
9) 1,1-Dichloroethene	2.29	96	14669	1.964	ug/l	96
10) Iodomethane	2.41	142	8386	1.894	ug/l	96
11) Allyl Chloride	2.59	41	24665	1.976	ug/l	87
12) Acrylonitrile	2.95	53	6475	3.933	ug/l	92
13) Acetone	2.33	43	13421	9.373	ug/l	95
14) Carbon Disulfide	2.48	76	49377	1.933	ug/l	98
15) Methylene Chloride	2.70	84	17136	1.925	ug/l	90
16) trans-1,2-Dichloroethene	2.98	96	17343	2.071	ug/l	89
17) 1,1-Dichloroethane	3.44	63	34298	2.065	ug/l	99
18) 2-Butanone	4.29	43	23388	9.412	ug/l	99
19) Cyclohexane	4.99	56	24157	1.886	ug/l	87
20) Methylcyclohexane	6.42	83	28542	1.817	ug/l	97
21) 2,2-Dichloropropane	4.23	77	32226	2.035	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	20428	1.938	ug/l	95
23) Diethyl Ether	2.10	59	11159	1.973	ug/l	98
24) tert-Butyl Alcohol	2.85	59	13422	20.199	ug/l #	78
25) Methyl tert-Butyl Ether	3.01	73	38849	1.923	ug/l	91
26) Bromochloromethane	4.55	128	9344	2.013	ug/l	82
27) Chloroform	4.68	83	36493	1.999	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	31565	1.918	ug/l	97
29) 1,1-Dichloropropene	5.14	75	25361	1.879	ug/l	95
30) Carbon Tetrachloride	5.13	117	27923	1.868	ug/l	99
31) Isopropyl Ether	3.58	45	52178	1.961	ug/l	94
32) Ethyl-t-butyl ether	4.08	59	48967	1.936	ug/l	95
33) Tert-Amyl methyl ether	5.59	73	42813	1.918	ug/l	97
34) Propionitrile	4.35	54	6812	9.867	ug/l #	90
35) Benzene	5.39	78	74174	1.965	ug/l	100
36) 1,2-Dichloroethane	5.41	62	23026	1.987	ug/l	100
37) Trichloroethene	6.19	130	22160	1.993	ug/l	96
38) 1,2-Dichloropropane	6.44	63	19284	1.969	ug/l	94
39) Methacrylonitrile	4.56	41	6048	1.903	ug/l #	88
40) Methyl acrylate	4.44	55	9417	1.965	ug/l #	95
41) Tetrahydrofuran	4.66	42	6487	3.454	ug/l	95
42) 1-Chlorobutane	5.07	56	36162	1.965	ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10358	2.026	ug/l	98
44) Bromodichloromethane	6.76	83	25477	1.967	ug/l #	95
45) 4-Methyl-2-Pentanone	7.47	43	55746	9.778	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	18963	8.732	ug/l #	40
47) Methyl methacrylate	6.63	69	17002	3.977	ug/l	95
48) Ethyl methacrylate	8.02	69	16332	1.902	ug/l	96
49) Toluene	7.64	92	43481	1.885	ug/l	96
50) t-1,3-Dichloropropene	7.89	75	22254	1.903	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	27325	1.950	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	13615	1.987	ug/l	98
53) 1,3-Dichloropropane	8.25	76	22314	1.928	ug/l	96
54) 2-Hexanone	8.37	43	38512	9.565	ug/l	98
55) Dibromochloromethane	8.48	129	16429	1.885	ug/l	99
56) 1,2-Dibromoethane	8.59	107	12796	1.929	ug/l	95
58) Tetrachloroethene	8.23	164	19966	1.998	ug/l	99
59) Chlorobenzene	9.12	112	52107	1.965	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	19075	1.937	ug/l	99
61) Pentachloroethane	11.10	117	14622	1.945	ug/l	98
62) Hexachloroethane	12.15	117	14339	1.868	ug/l	94
63) Ethyl Benzene	9.25	91	84488	1.915	ug/l	96
64) m/p-Xylenes	9.38	106	67796	3.910	ug/l	96
65) o-Xylene	9.78	106	31270	1.892	ug/l	99
66) Styrene	9.80	104	51750	1.844	ug/l	98
67) Bromoform	9.96	173	9424	1.833	ug/l #	99
69) Isopropylbenzene	10.17	105	84147	1.884	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	16789	1.950	ug/l	97
71) 1,2,3-Trichloropropane	10.50	75	18963	2.825	ug/l #	80
72) Bromobenzene	10.46	156	22590	1.949	ug/l	96
73) n-propylbenzene	10.59	120	24892	1.978	ug/l	88
74) 2-Chlorotoluene	10.66	126	21303	1.923	ug/l	92
75) 1,3,5-Trimethylbenzene	10.78	105	75248	1.930	ug/l	100
76) 4-Chlorotoluene	10.78	126	22163	1.904	ug/l	98
77) tert-Butylbenzene	11.10	119	71311	1.855	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	74864	1.881	ug/l	99
79) sec-Butylbenzene	11.33	105	95945	1.899	ug/l	98
80) Nitrobenzene	12.87	77	2173	8.290	ug/l #	87
81) p-Isopropyltoluene	11.48	119	82603	1.928	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	46709	1.959	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	46711	2.009	ug/l	99
84) n-Butylbenzene	11.89	91	77264	1.922	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	42121	1.934	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2734	1.924	ug/l	88
87) 1,2,4-Trichlorobenzene	13.51	180	30225	1.994	ug/l	100
88) Hexachlorobutadiene	13.70	225	18339	1.969	ug/l	99
89) Naphthalene	13.75	128	45599	1.853	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	27276	1.969	ug/l	99

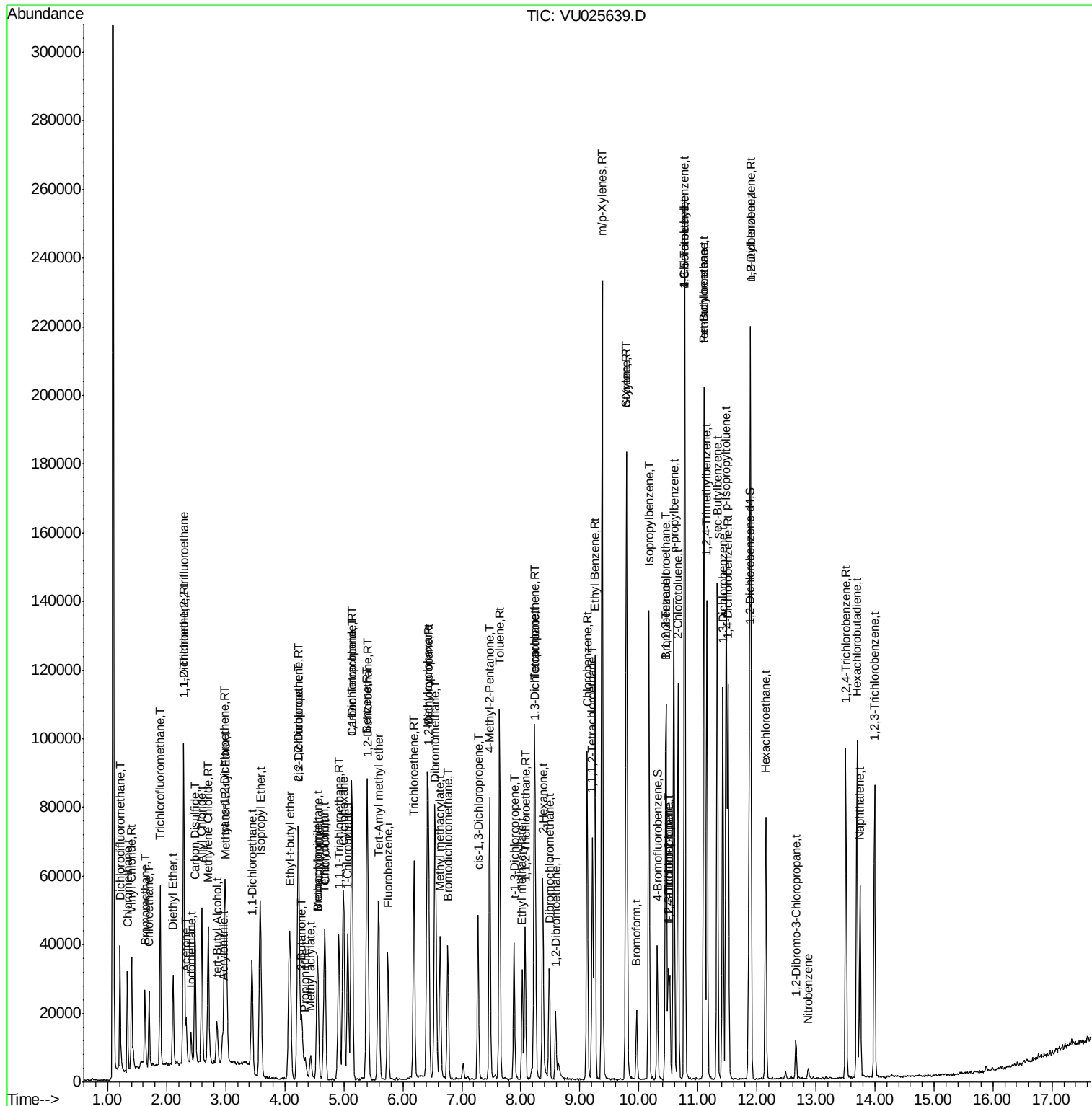
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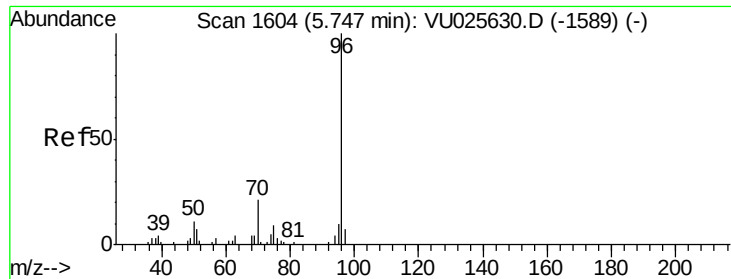
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tgt Ion: 96 Resp: 33876

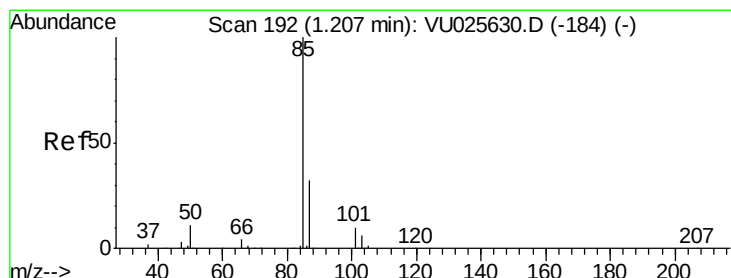
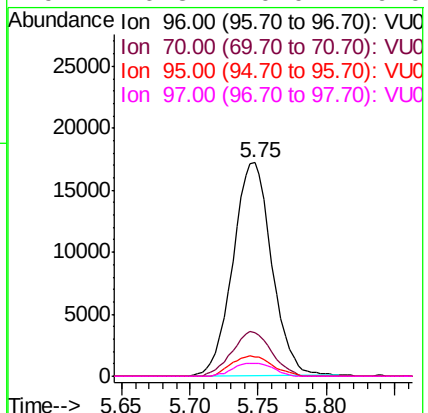
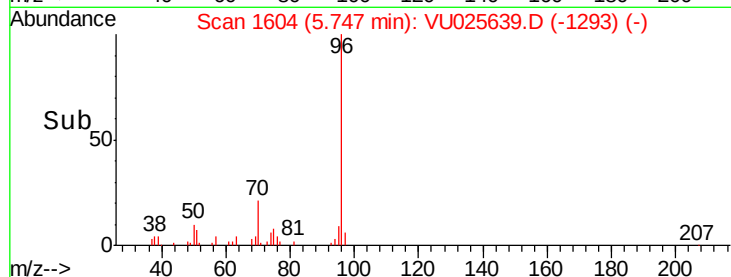
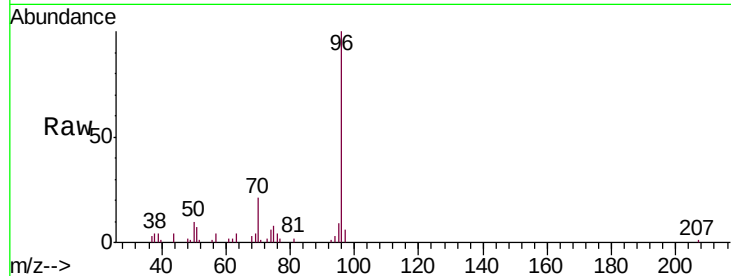
Ion Ratio Lower Upper

96 100

70 21.3 16.2 24.4

95 10.0 6.9 10.3

97 6.3 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.963 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025639.D

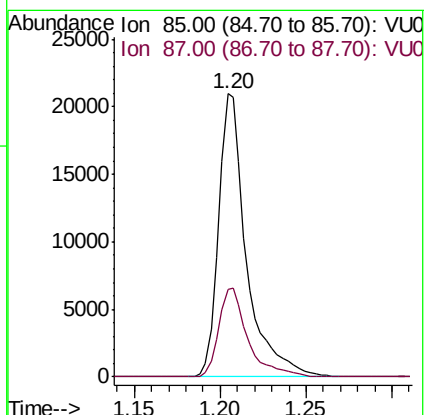
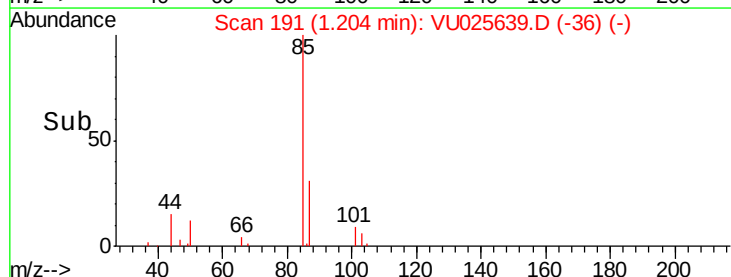
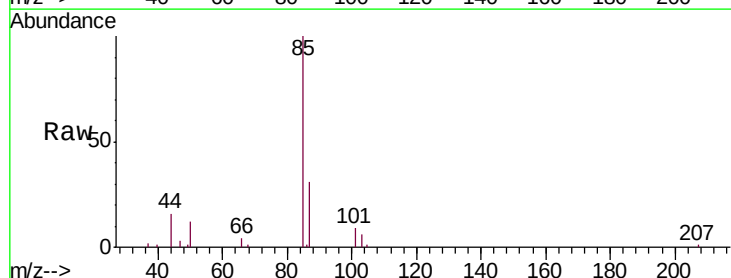
Acq: 25 Jul 2018 18:41

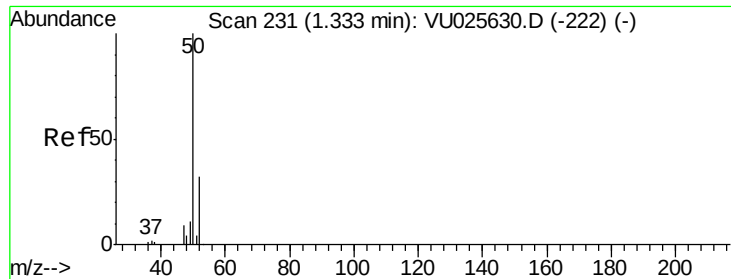
Tgt Ion: 85 Resp: 23713

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.5





#3

Chloromethane

Concen: 1.866 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

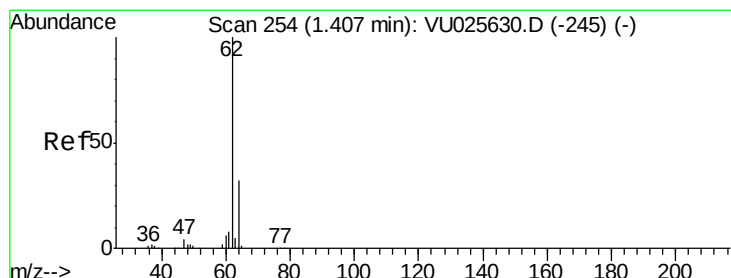
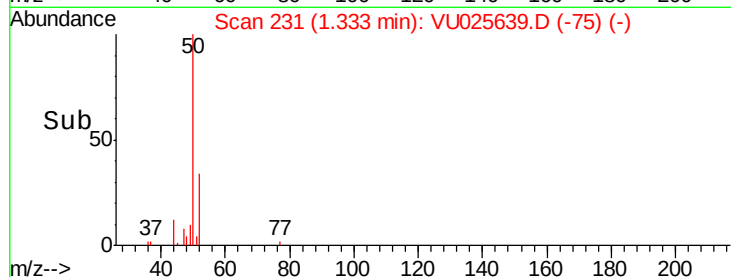
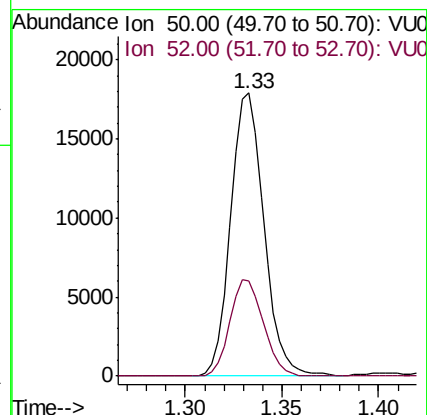
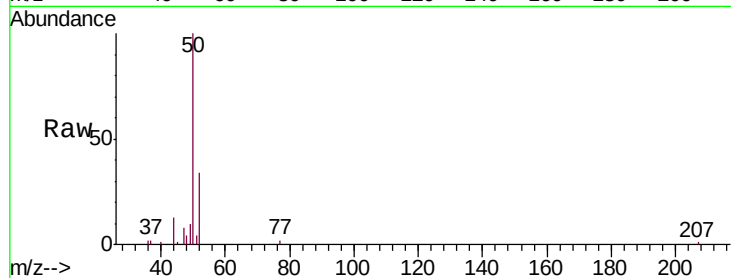
VU0725WBSD01

Tgt Ion: 50 Resp: 21311

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 1.964 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025639.D

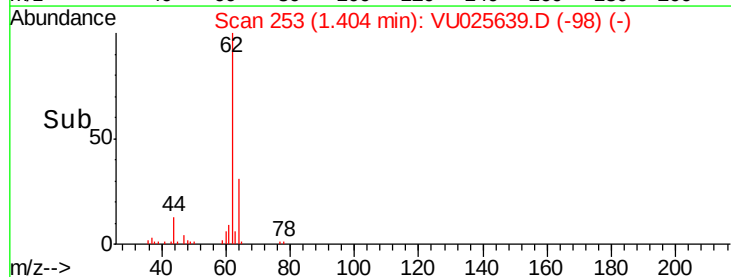
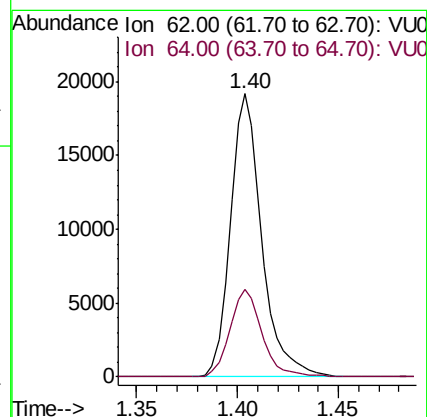
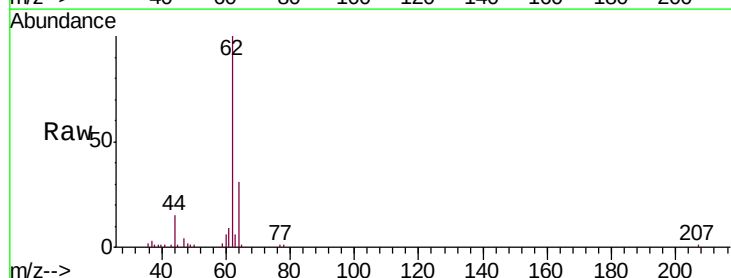
Acq: 25 Jul 2018 18:41

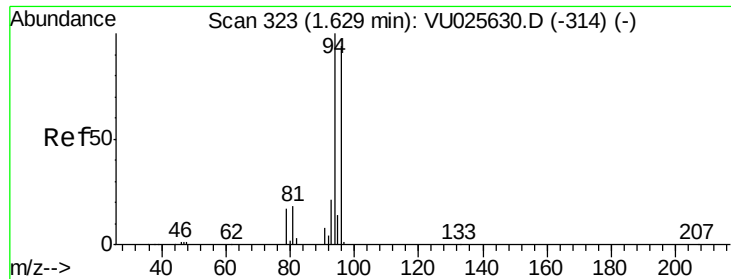
Tgt Ion: 62 Resp: 20761

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 1.810 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

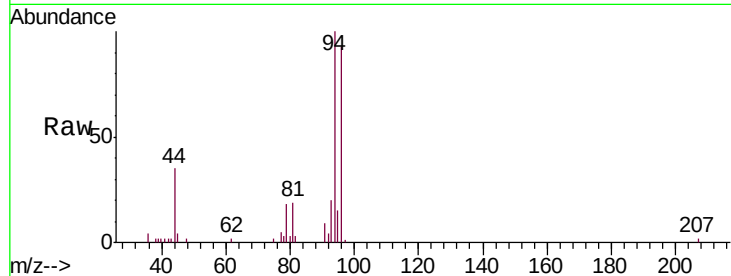
VU0725WBSD01

Tgt Ion: 94 Resp: 9321

Ion Ratio Lower Upper

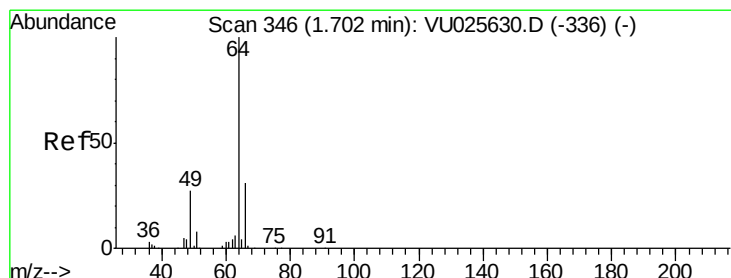
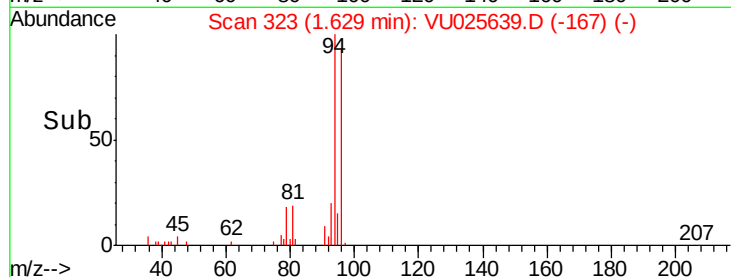
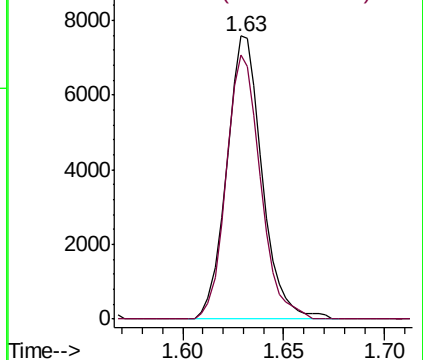
94 100

96 93.4 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.013 ug/l

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU025639.D

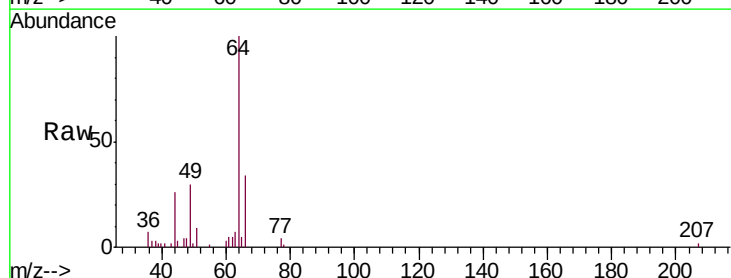
Acq: 25 Jul 2018 18:41

Tgt Ion: 64 Resp: 12770

Ion Ratio Lower Upper

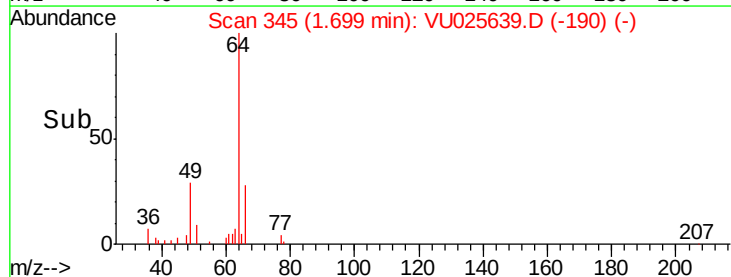
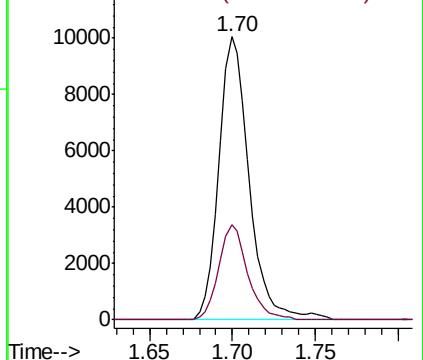
64 100

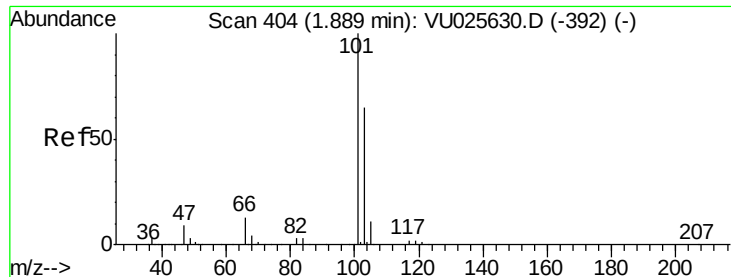
66 33.8 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



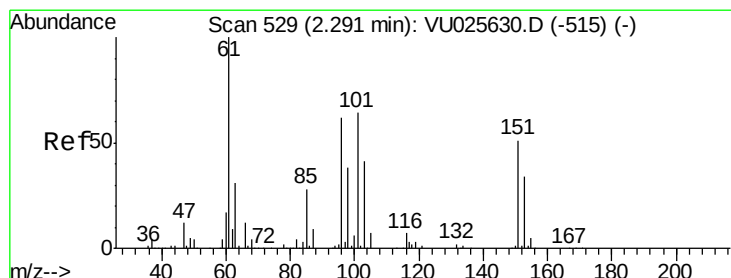
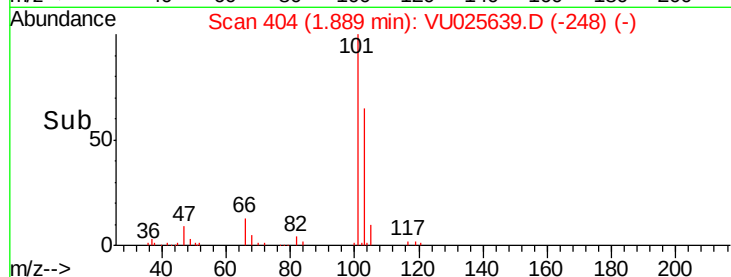
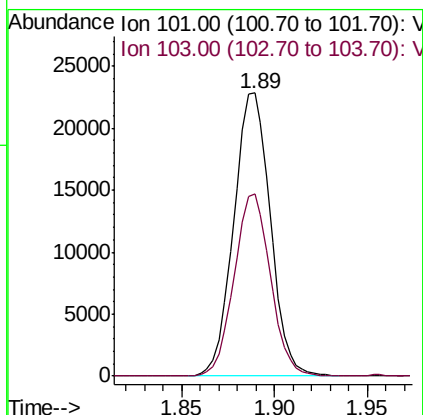
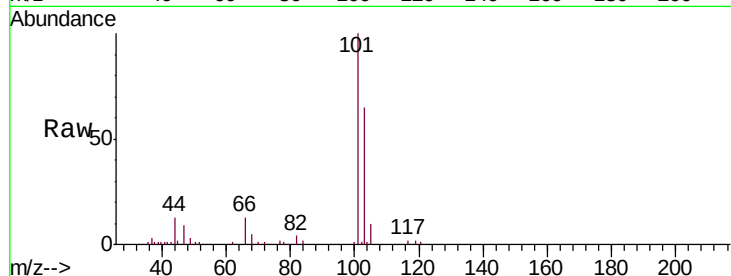


#7

Trichlorofluoromethane
 Concen: 2.032 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
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 VU0725WBSD01

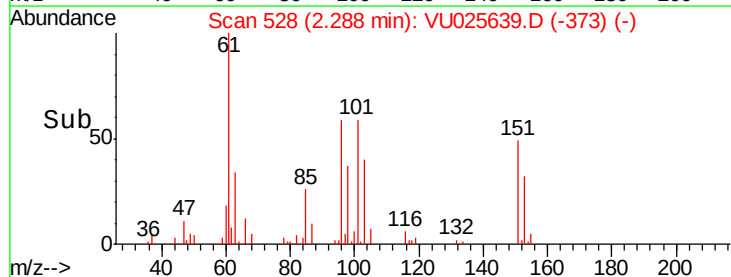
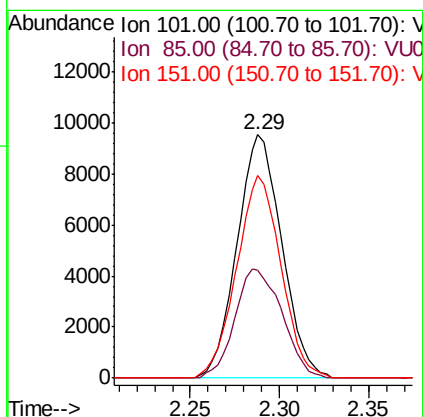
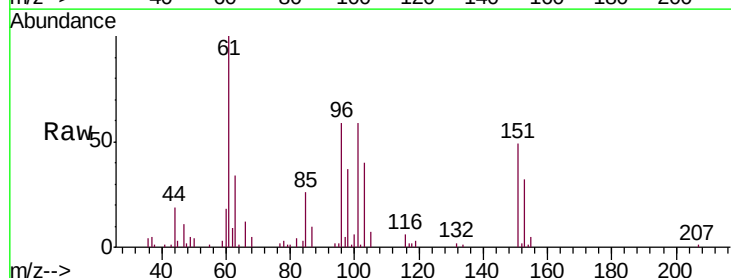
Tgt Ion:101 Resp: 31324
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

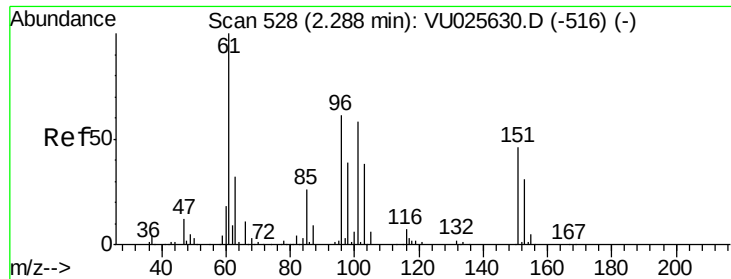


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.966 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion:101 Resp: 16639
 Ion Ratio Lower Upper
 101 100
 85 47.1 35.2 52.8
 151 82.7 63.5 95.3





#9

1,1-Dichloroethene

Concen: 1.964 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

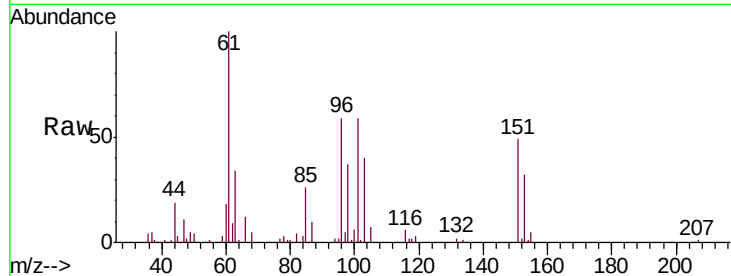
Tgt Ion: 96 Resp: 14669

Ion Ratio Lower Upper

96 100

61 167.2 0.0 526.5

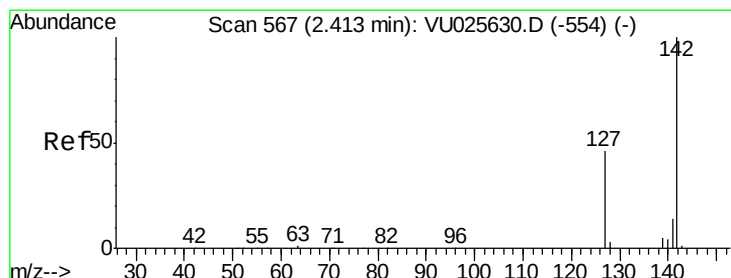
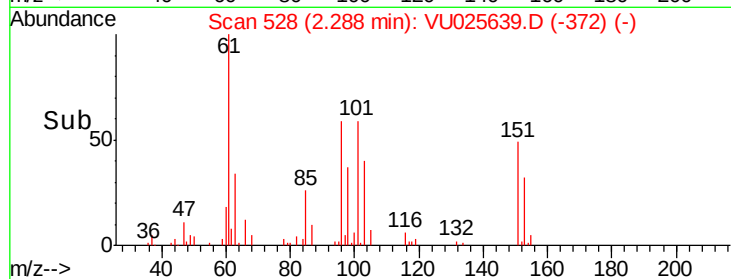
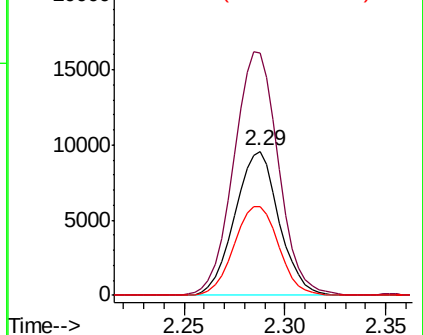
98 61.5 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.894 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025639.D

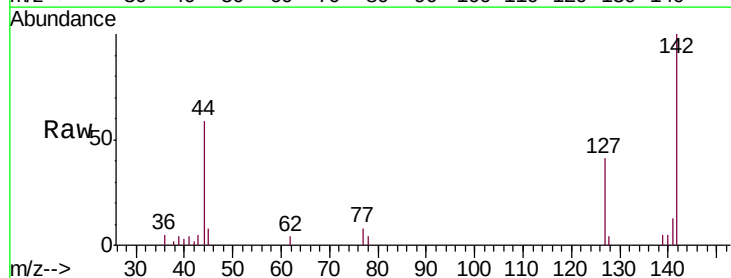
Acq: 25 Jul 2018 18:41

Tgt Ion: 142 Resp: 8386

Ion Ratio Lower Upper

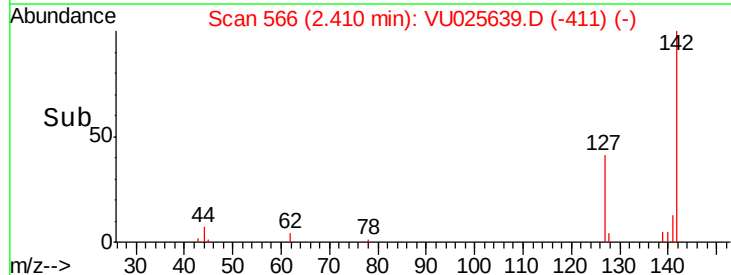
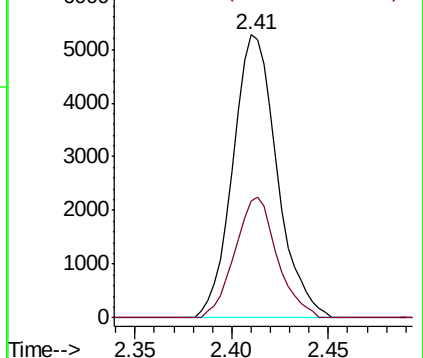
142 100

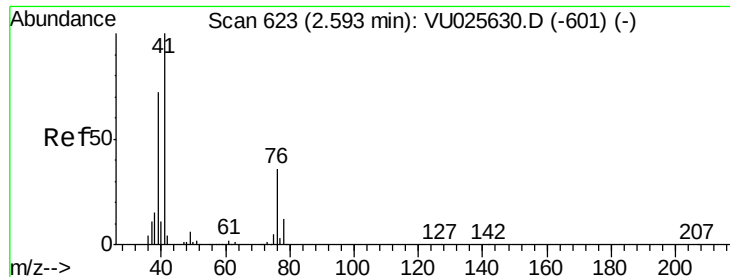
127 40.8 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

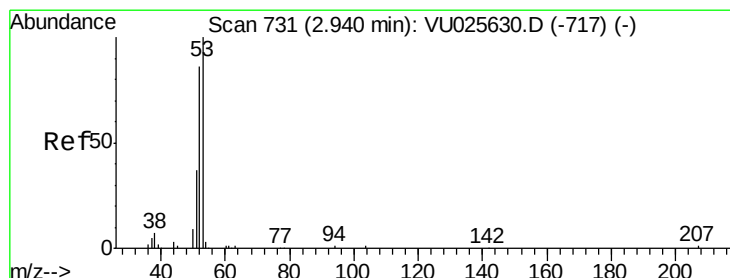
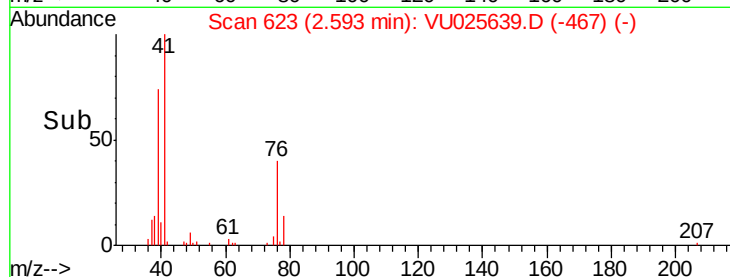
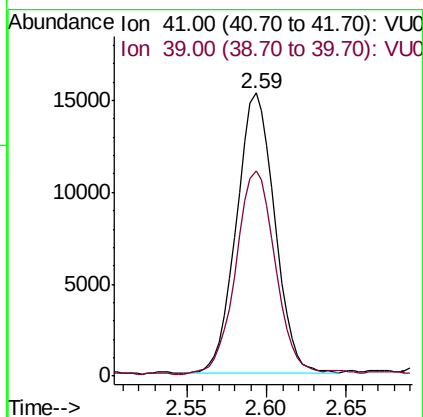
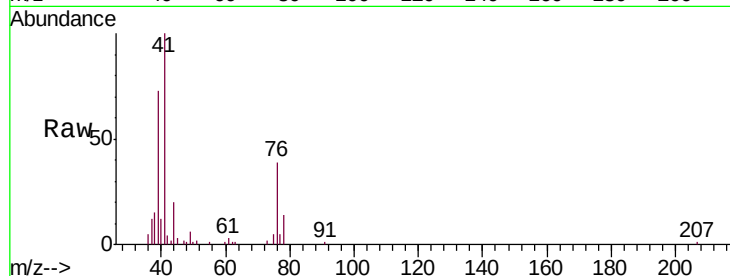




#11
 Allyl Chloride
 Concen: 1.976 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

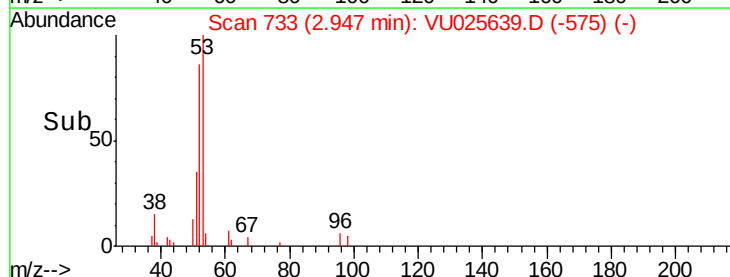
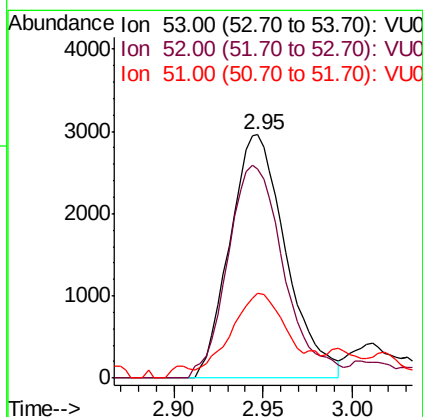
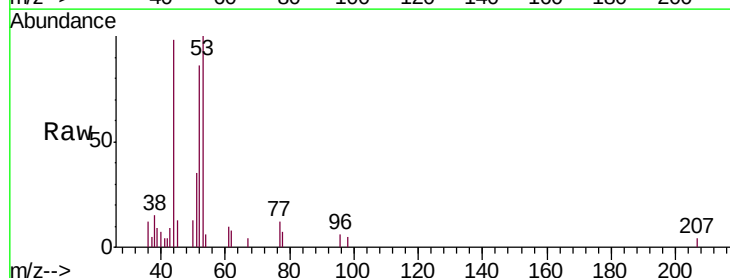
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

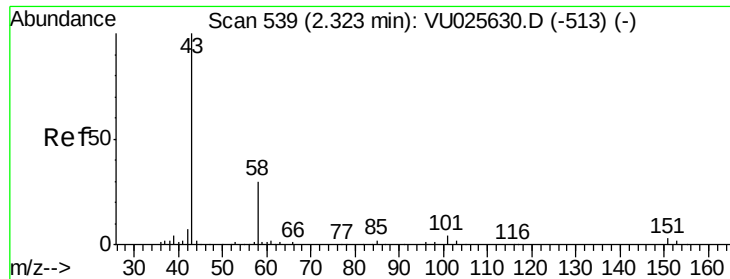
Tgt Ion: 41 Resp: 24665
 Ion Ratio Lower Upper
 41 100
 39 74.9 51.4 77.2



#12
 Acrylonitrile
 Concen: 3.933 ug/l
 RT: 2.95 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 53 Resp: 6475
 Ion Ratio Lower Upper
 53 100
 52 87.6 65.1 97.7
 51 31.7 30.2 45.4





#13

Acetone

Concen: 9.373 ug/l

RT: 2.33 min Scan# 541

Delta R.T. 0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

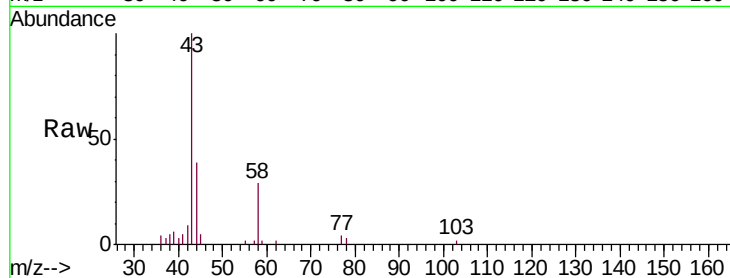
VU0725WBSD01

Tgt Ion: 43 Resp: 13421

Ion Ratio Lower Upper

43 100

58 29.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

8000

6000

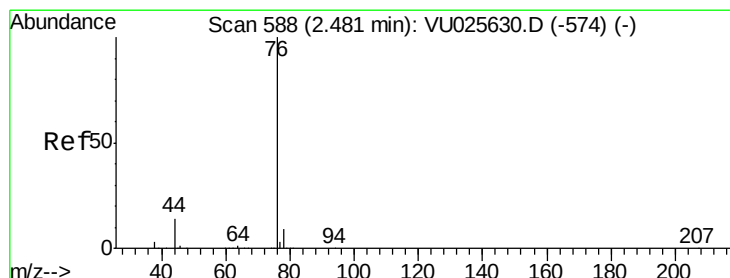
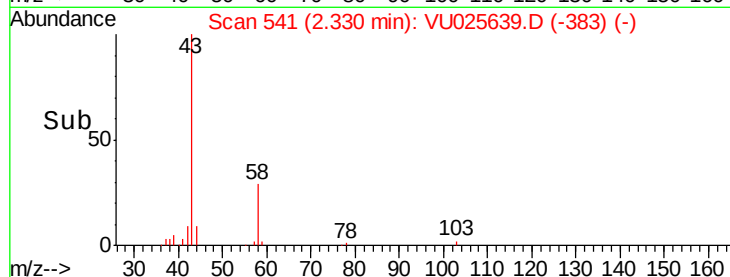
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 1.933 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025639.D

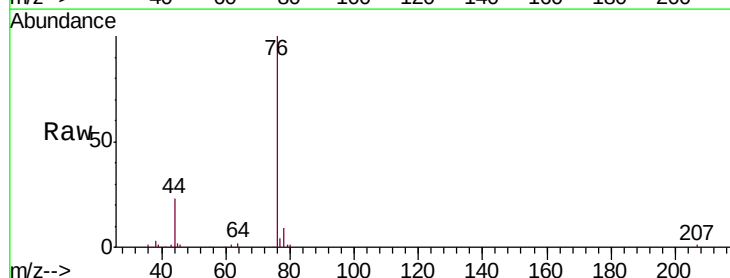
Acq: 25 Jul 2018 18:41

Tgt Ion: 76 Resp: 49377

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

30000

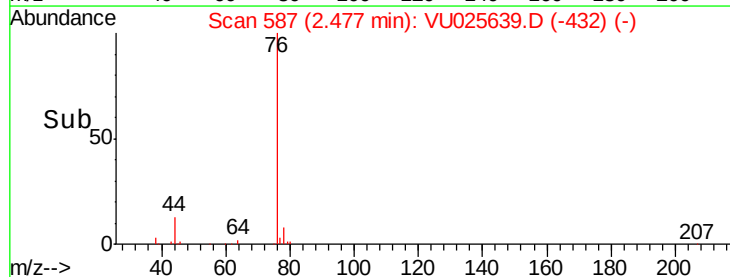
20000

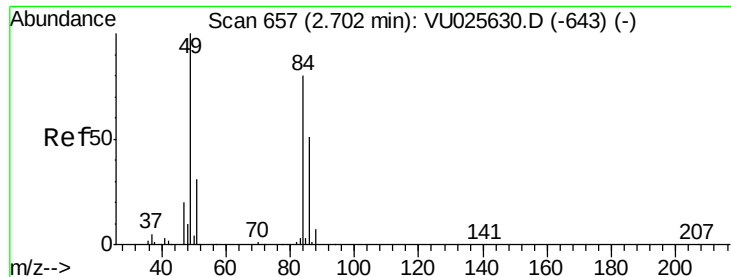
10000

0

Time-->

2.40 2.45 2.50 2.55

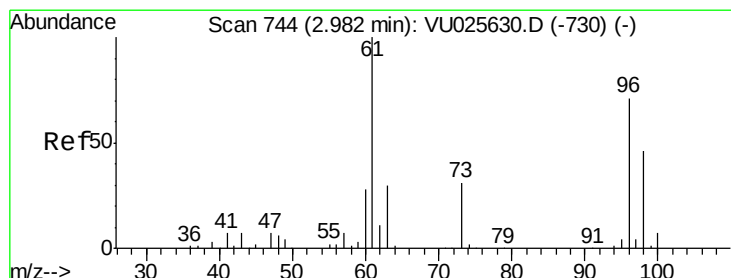
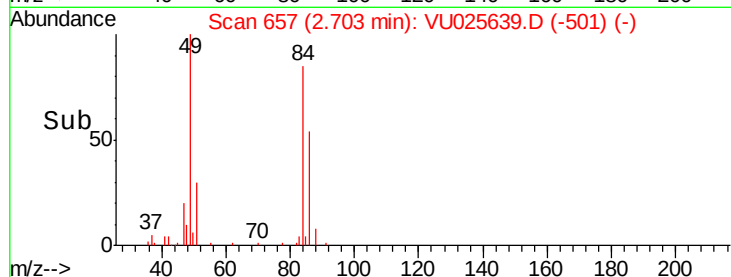
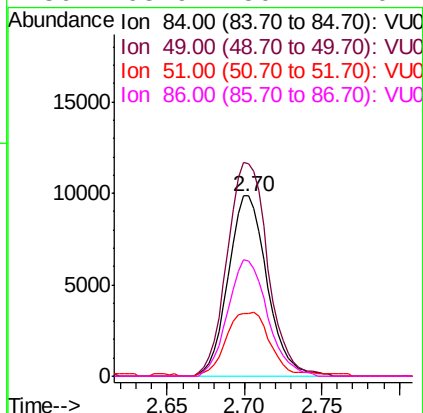
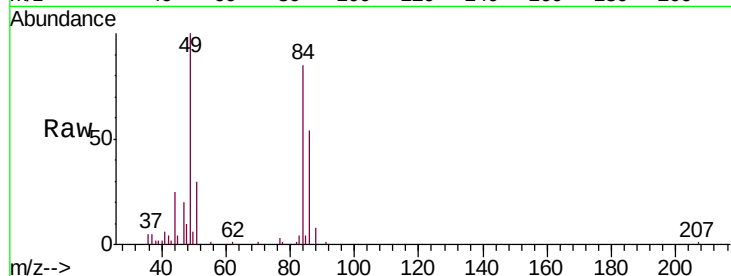




#15
Methylene Chloride
Concen: 1.925 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

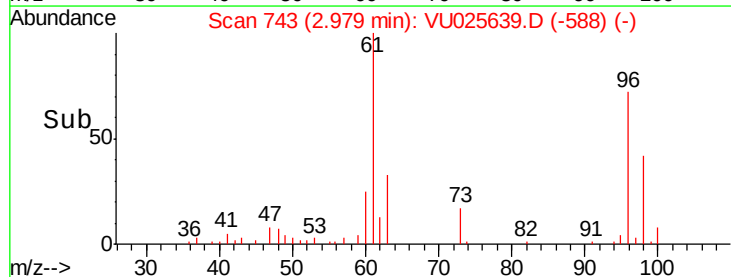
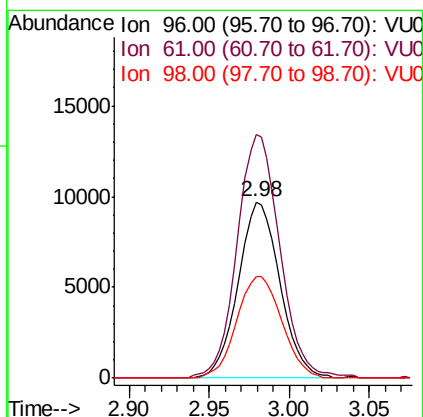
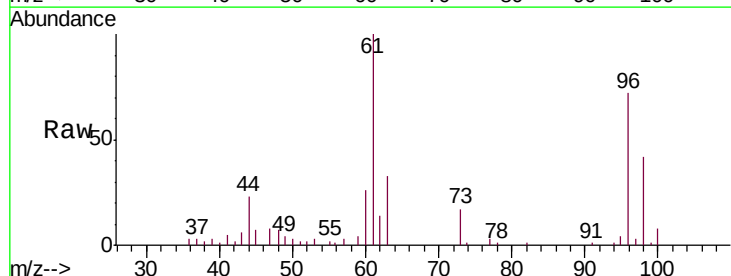
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

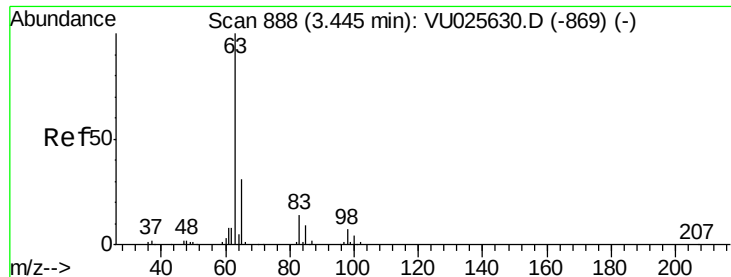
Tgt Ion: 84 Resp: 17136
Ion Ratio Lower Upper
84 100
49 118.1 108.7 163.1
51 34.9 0.0 82.4
86 63.9 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 2.071 ug/l
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 96 Resp: 17343
Ion Ratio Lower Upper
96 100
61 138.1 123.9 185.9
98 57.9 50.6 76.0

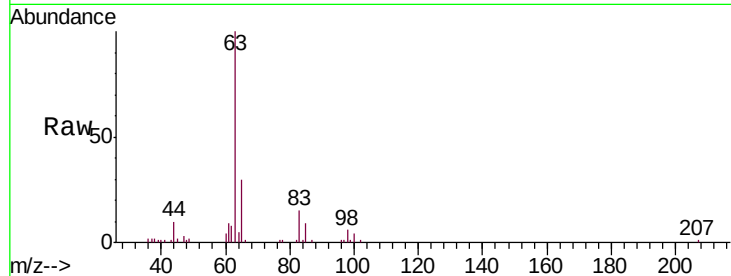




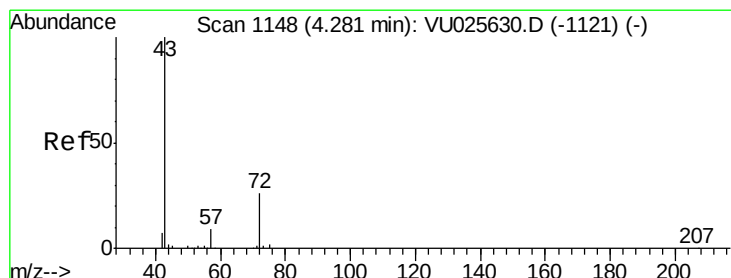
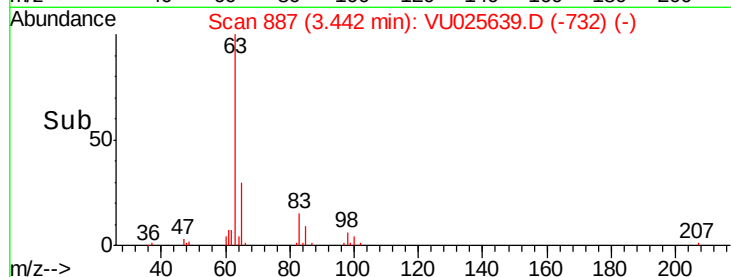
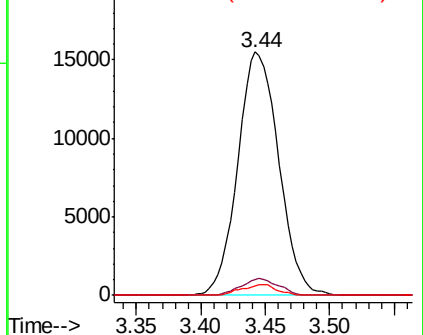
#17
 1,1-Dichloroethane
 Concen: 2.065 ug/l
 RT: 3.44 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.9	8.8
100	4.1	2.0	5.8

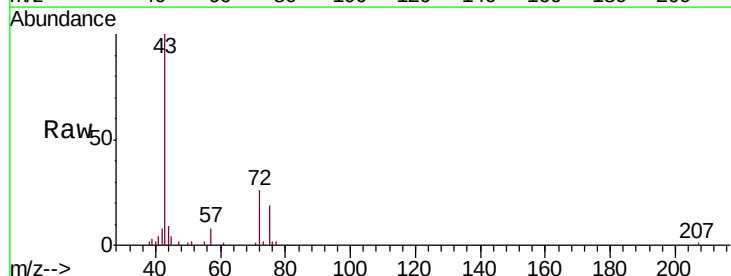


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

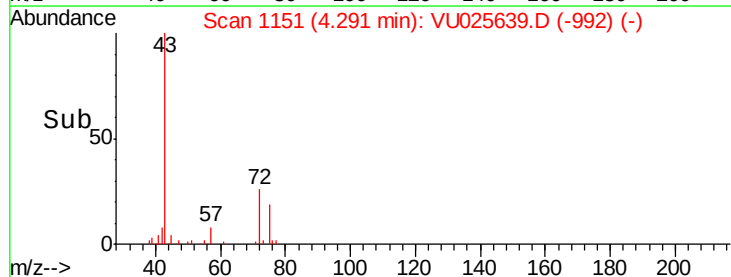
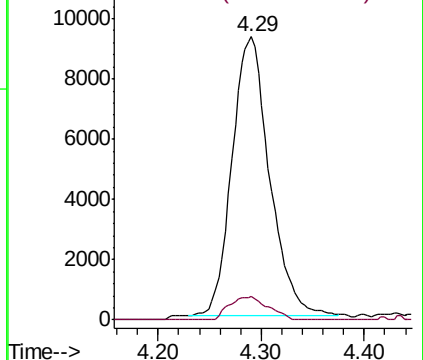


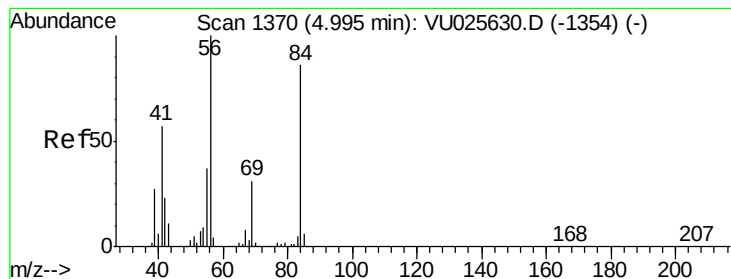
#18
 2-Butanone
 Concen: 9.412 ug/l
 RT: 4.29 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.886 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

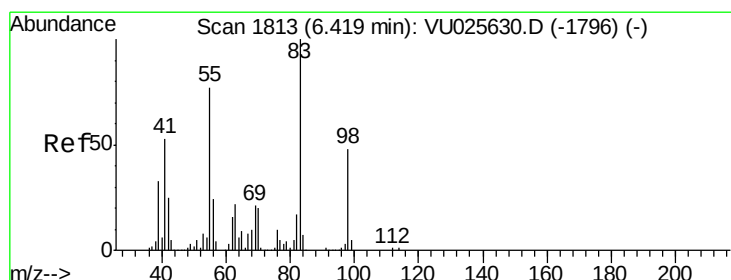
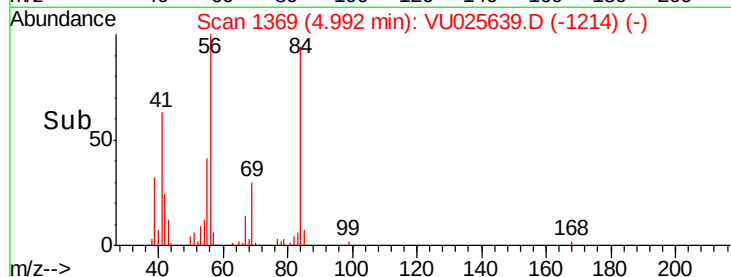
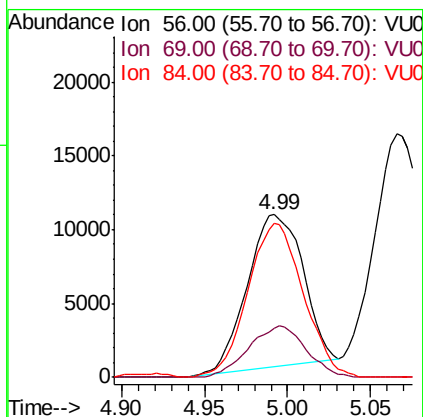
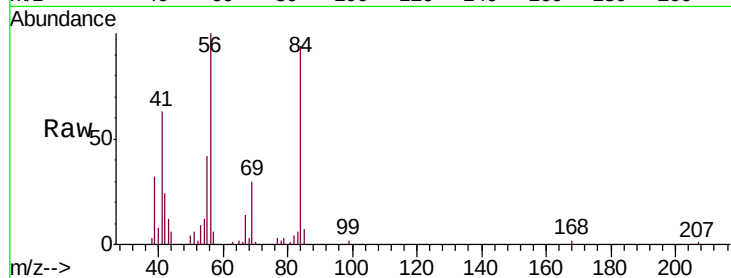
Tgt Ion: 56 Resp: 24157

Ion Ratio Lower Upper

56 100

69 34.7 26.0 39.0

84 100.5 68.3 102.5



#20

Methylcyclohexane

Concen: 1.817 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

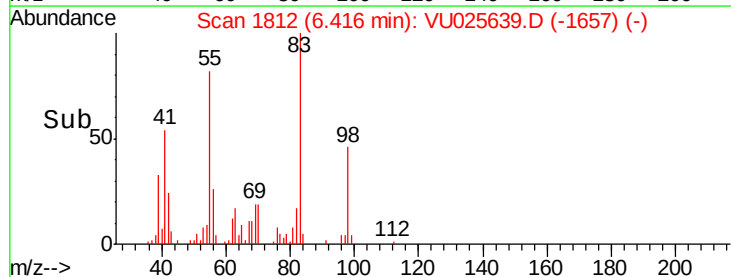
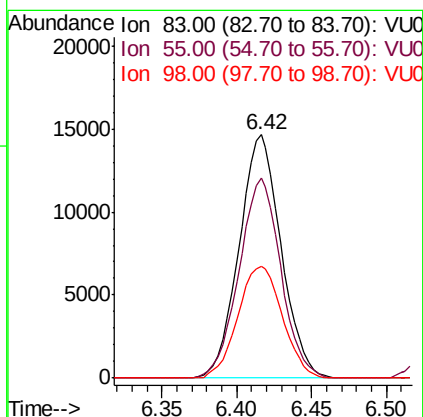
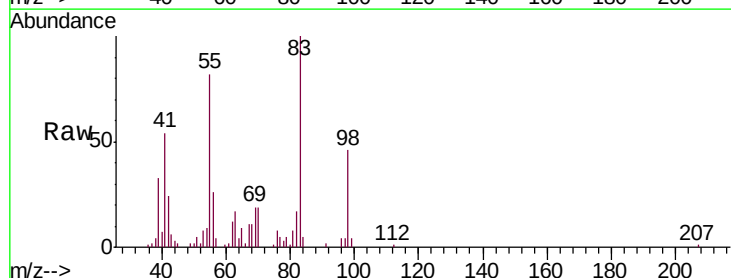
Tgt Ion: 83 Resp: 28542

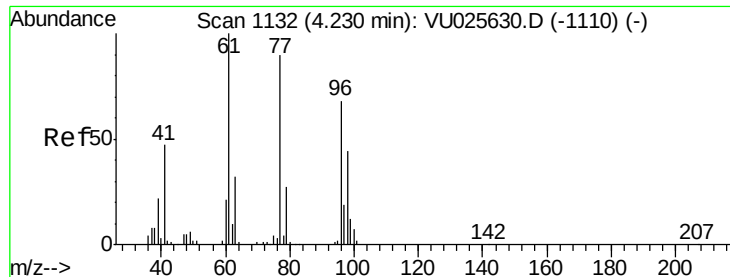
Ion Ratio Lower Upper

83 100

55 81.8 66.4 99.6

98 48.8 35.4 53.2





#21

2,2-Dichloropropane

Concen: 2.035 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

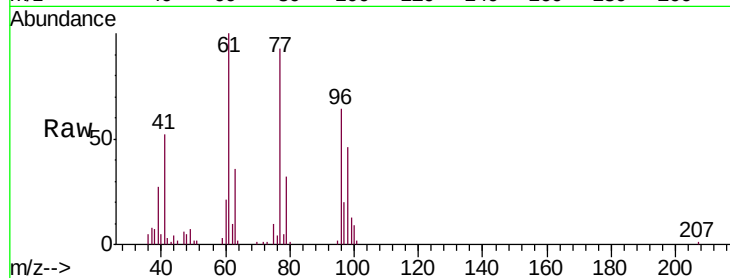
VU0725WBSD01

Tgt Ion: 77 Resp: 32226

Ion Ratio Lower Upper

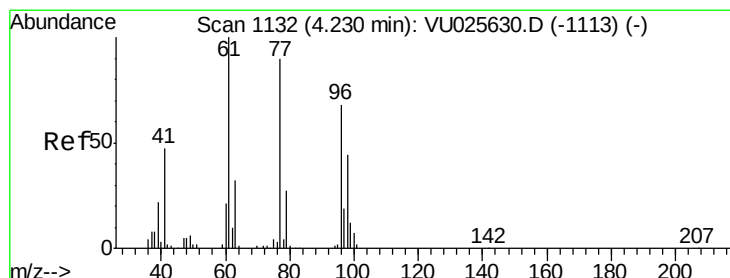
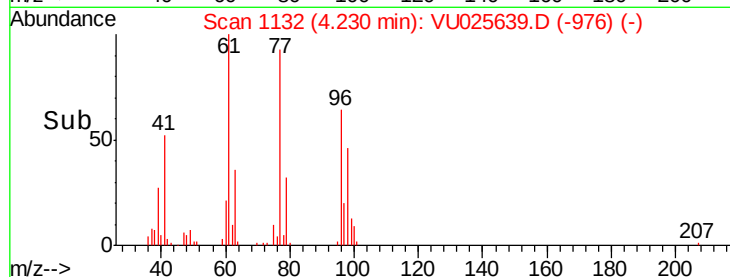
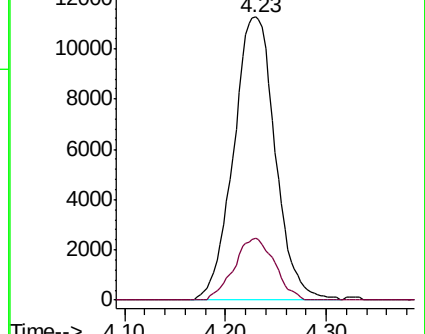
77 100

97 21.3 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.938 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

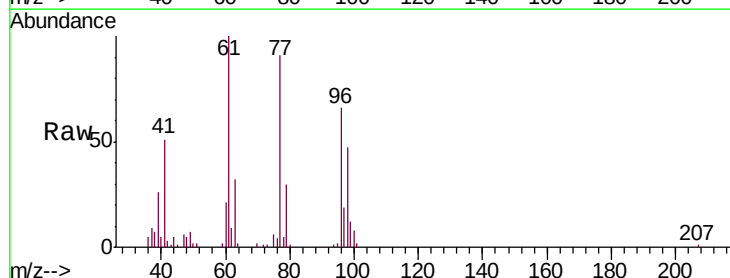
Tgt Ion: 96 Resp: 20428

Ion Ratio Lower Upper

96 100

61 153.4 0.0 400.5

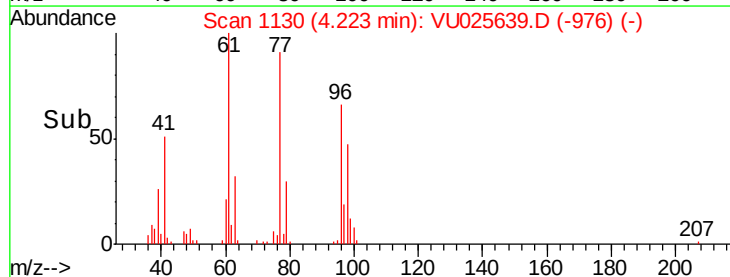
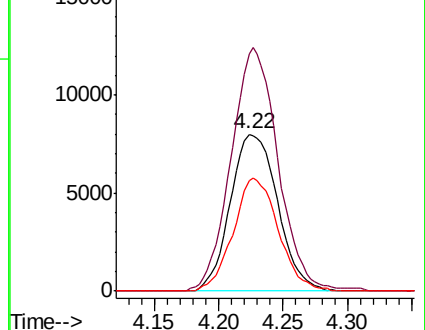
98 68.6 32.2 96.6

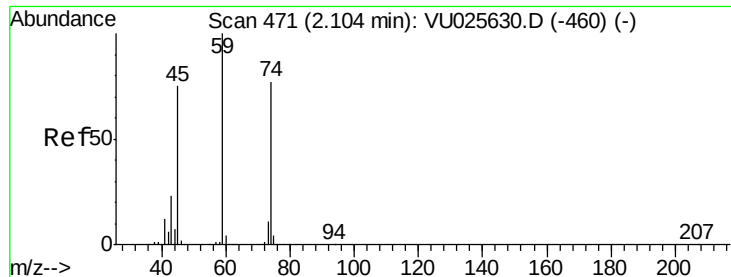


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

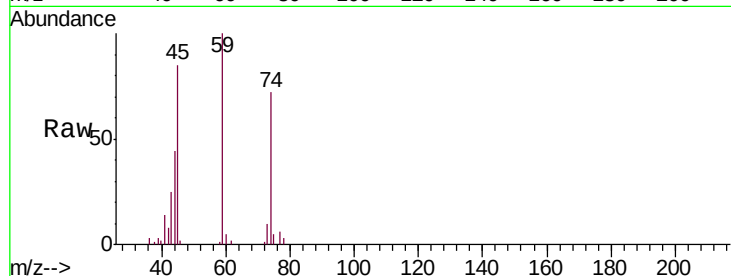




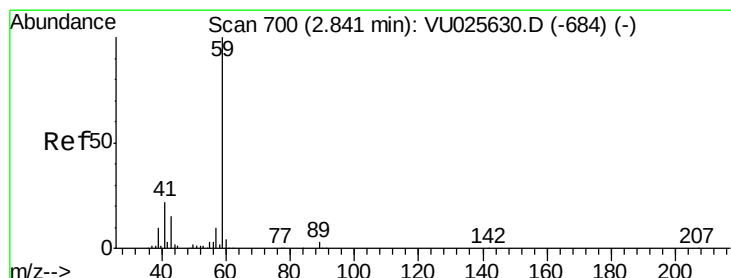
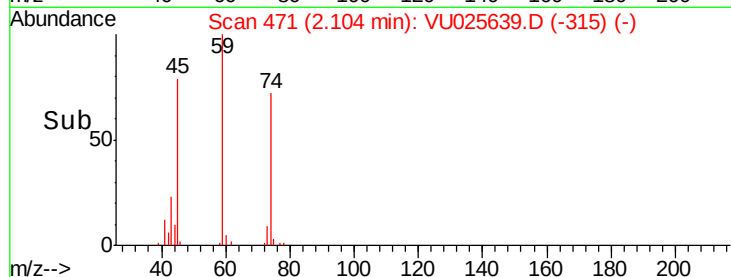
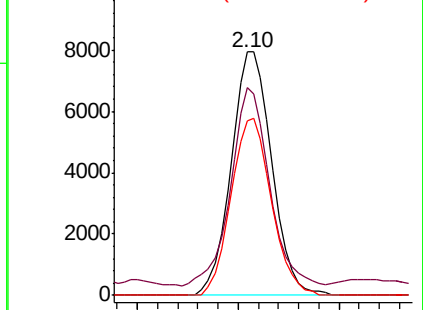
#23
Diethyl Ether
Concen: 1.973 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tgt Ion: 59 Resp: 11159
Ion Ratio Lower Upper
59 100
45 77.1 60.0 90.0
74 72.3 56.5 84.7

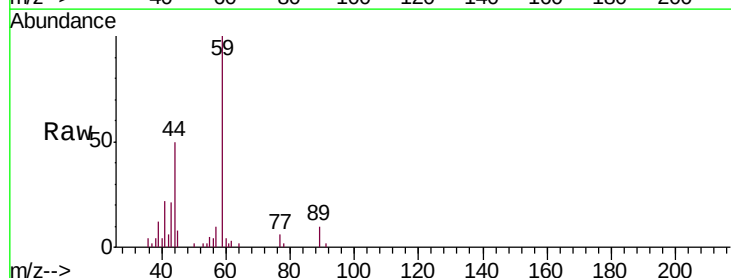


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

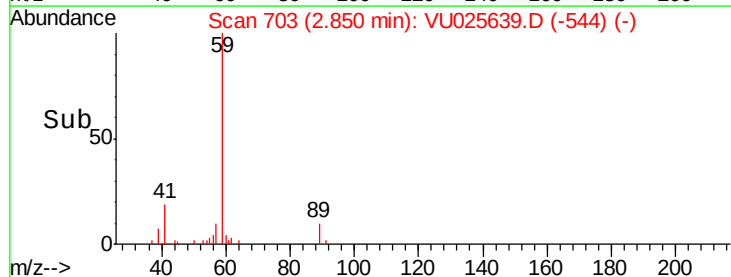
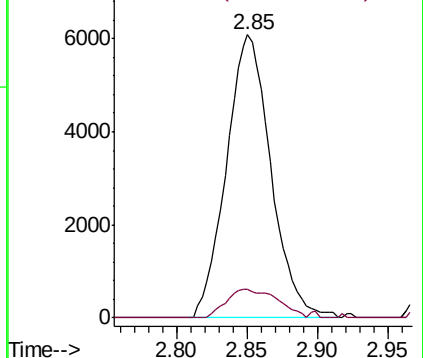


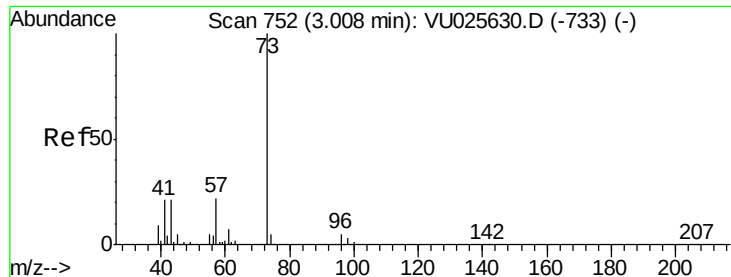
#24
tert-Butyl Alcohol
Concen: 20.199 ug/l
RT: 2.85 min Scan# 703
Delta R.T. 0.01 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 59 Resp: 13422
Ion Ratio Lower Upper
59 100
57 11.7 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.923 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

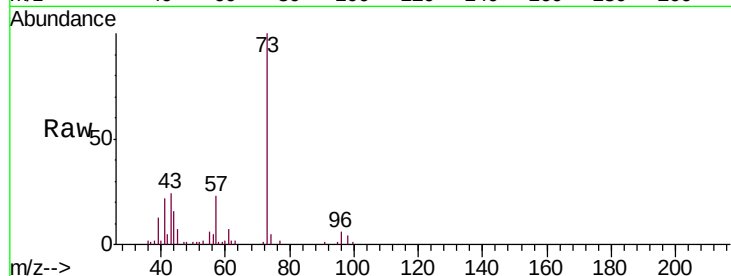
VU0725WBSD01

Tgt Ion: 73 Resp: 38849

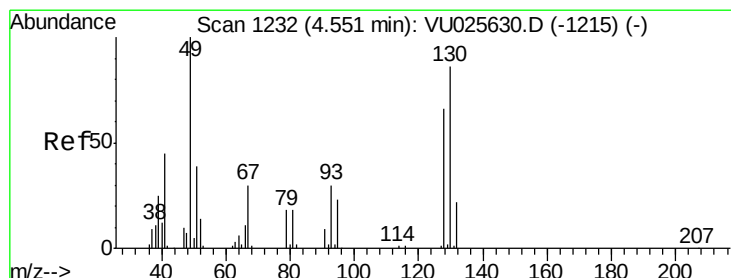
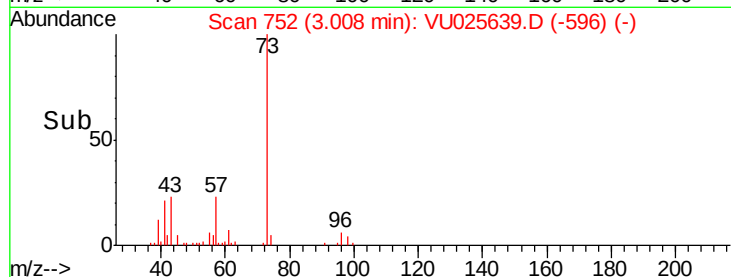
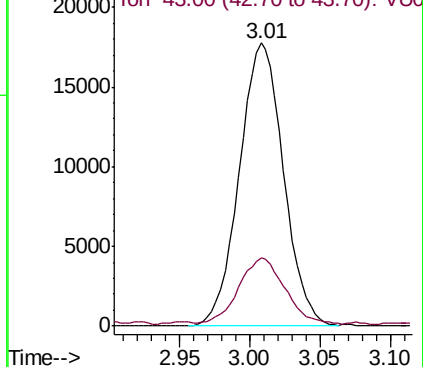
Ion Ratio Lower Upper

73 100

43 24.2 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU025639.D (-596) (-)



#26

Bromochloromethane

Concen: 2.013 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

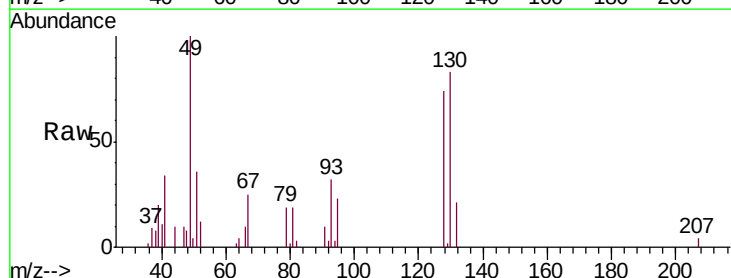
Tgt Ion: 128 Resp: 9344

Ion Ratio Lower Upper

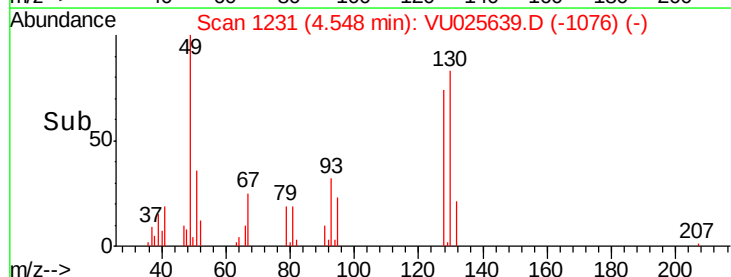
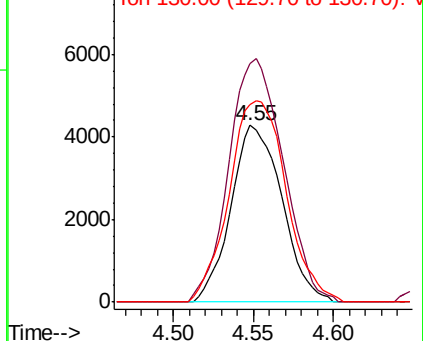
128 100

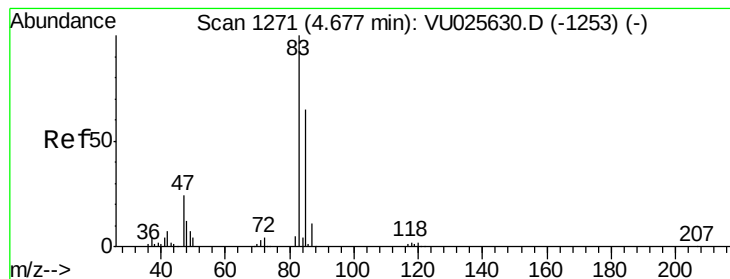
49 147.5 0.0 375.2

130 127.8 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU025639.D (-1076) (-)





#27

Chloroform

Concen: 1.999 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

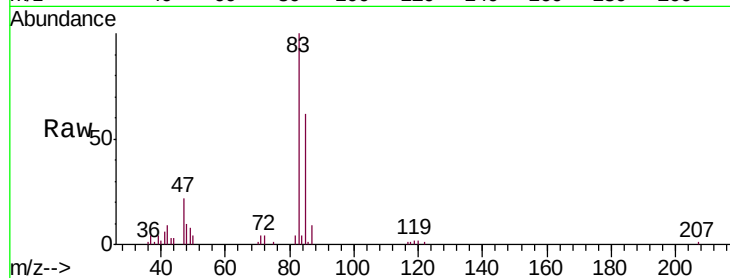
VU0725WBSD01

Tgt Ion: 83 Resp: 36493

Ion Ratio Lower Upper

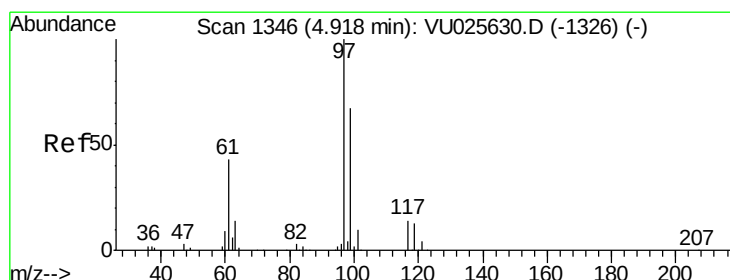
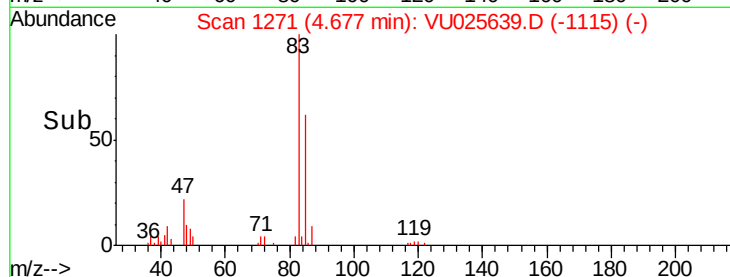
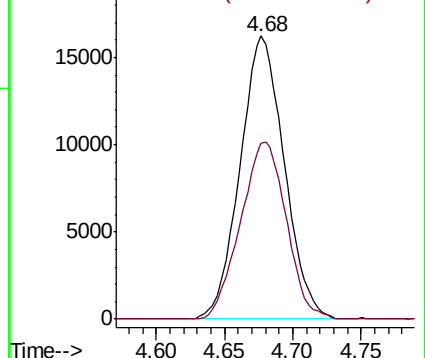
83 100

85 62.1 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.918 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

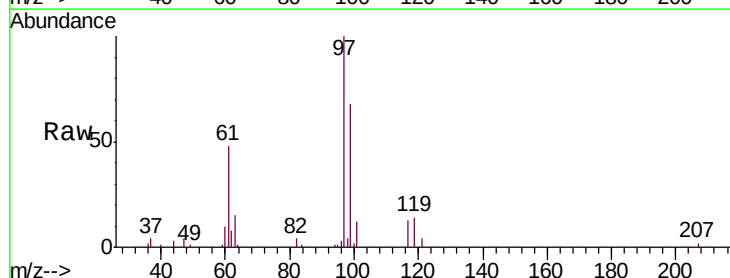
Tgt Ion: 97 Resp: 31565

Ion Ratio Lower Upper

97 100

99 67.5 32.3 96.9

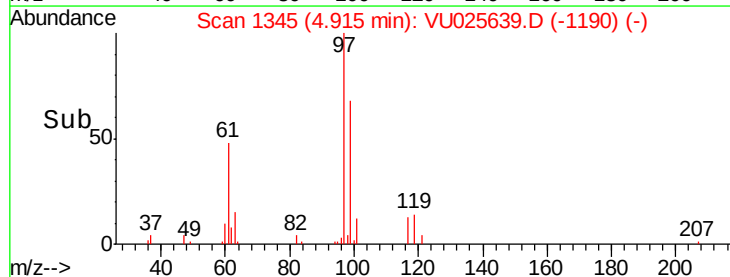
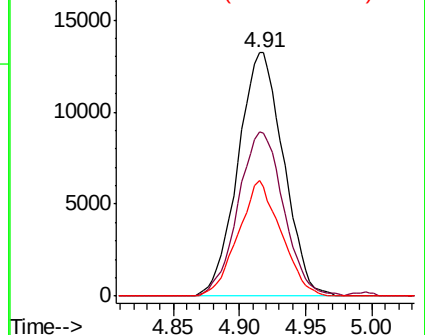
61 44.6 23.2 69.5

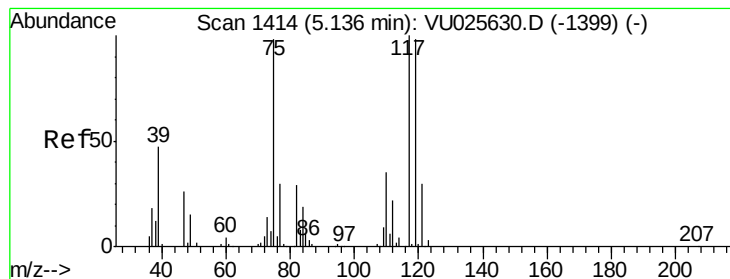


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.879 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

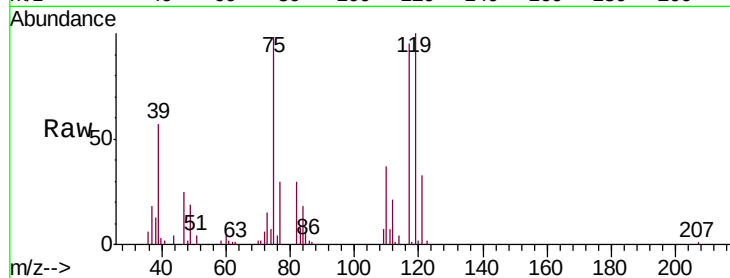
Tgt Ion: 75 Resp: 25361

Ion Ratio Lower Upper

75 100

110 38.1 16.9 50.7

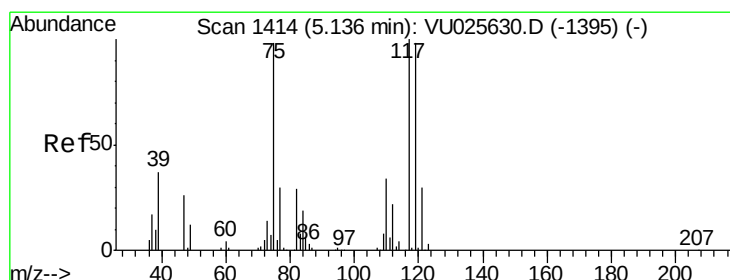
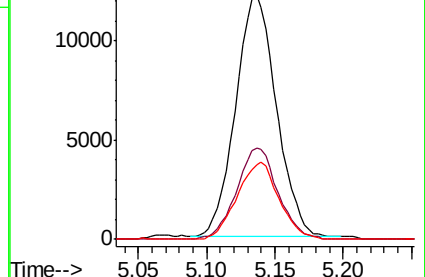
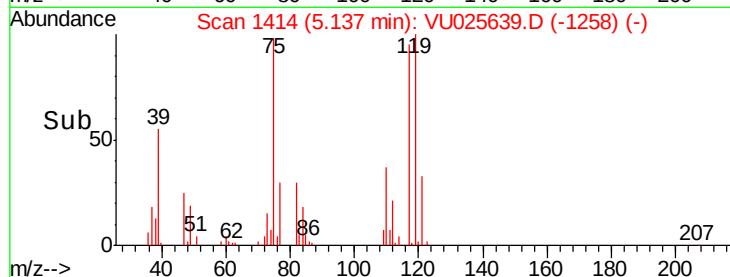
77 32.6 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU025639.D (-1258) (-)

Ion 110.00 (109.70 to 110.70): VU025639.D (-1258) (-)

Ion 77.00 (76.70 to 77.70): VU025639.D (-1258) (-)



#30

Carbon Tetrachloride

Concen: 1.868 ug/l

RT: 5.13 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

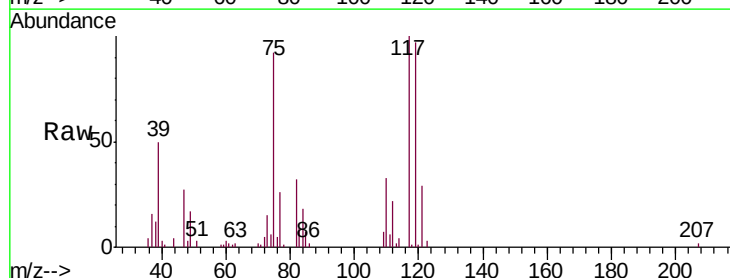
Tgt Ion: 117 Resp: 27923

Ion Ratio Lower Upper

117 100

119 97.3 77.3 115.9

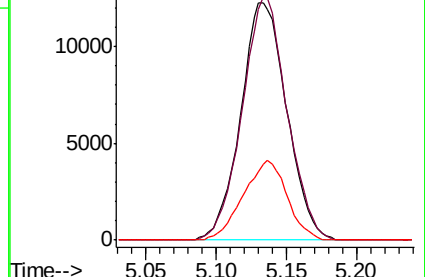
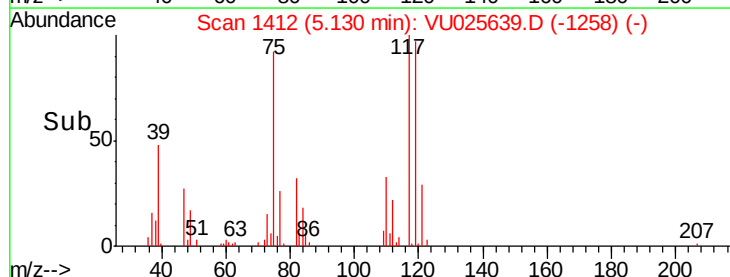
121 28.9 24.5 36.7

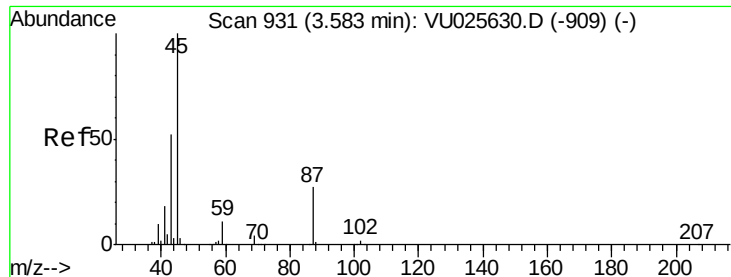


Abundance Ion 117.00 (116.70 to 117.70): VU025639.D (-1258) (-)

Ion 119.00 (118.70 to 119.70): VU025639.D (-1258) (-)

Ion 121.00 (120.70 to 121.70): VU025639.D (-1258) (-)





#31

Isopropyl Ether

Concen: 1.961 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

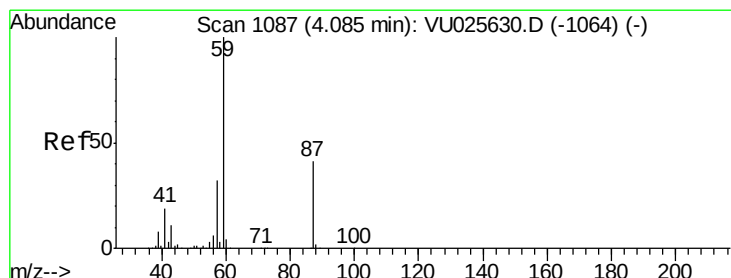
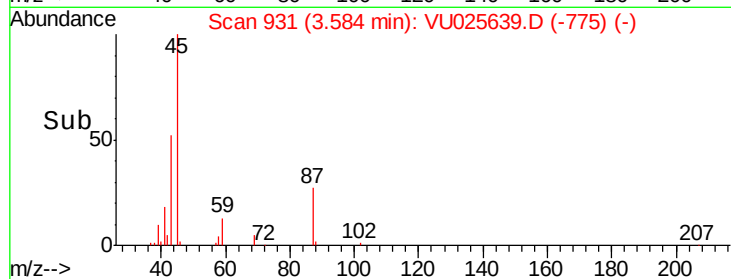
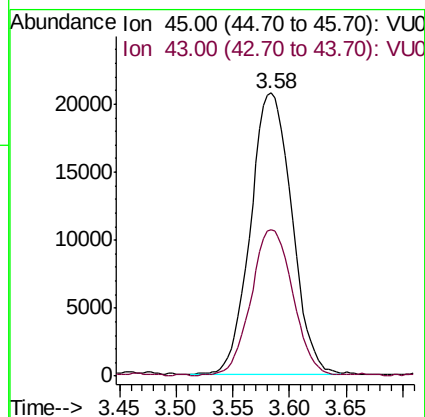
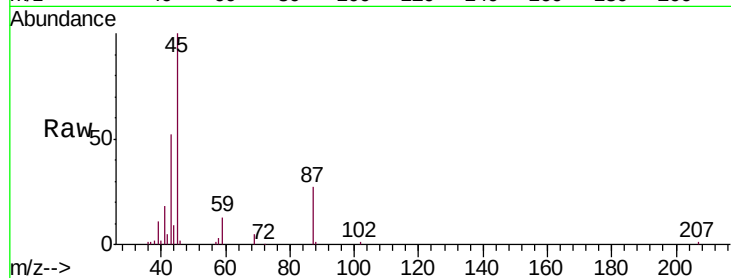
VU0725WBSD01

Tgt Ion: 45 Resp: 52178

Ion Ratio Lower Upper

45 100

43 51.9 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 1.936 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025639.D

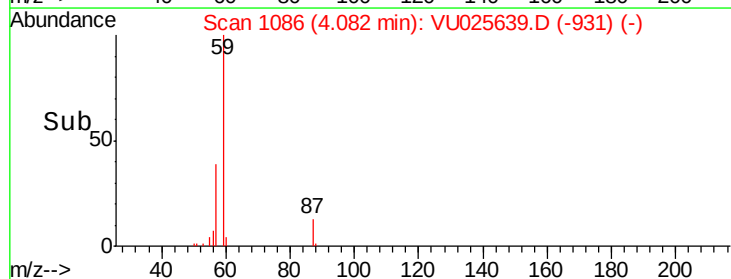
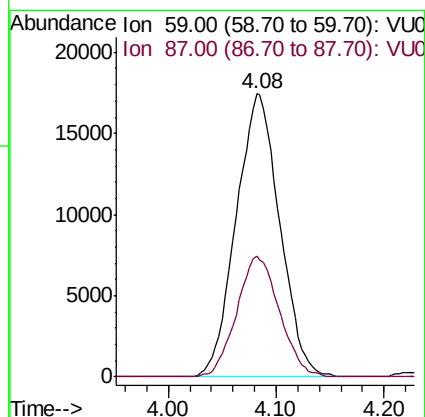
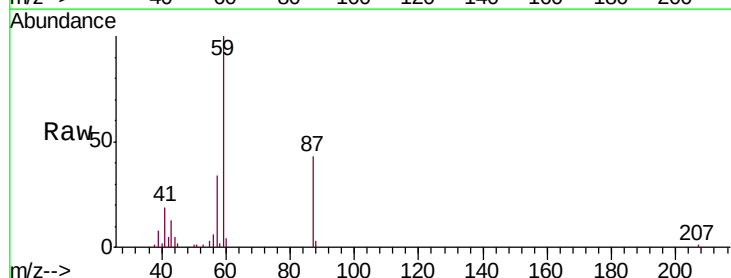
Acq: 25 Jul 2018 18:41

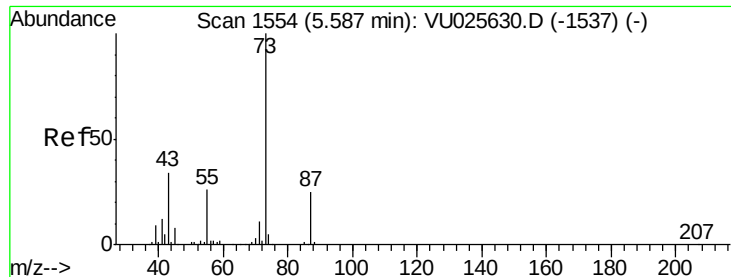
Tgt Ion: 59 Resp: 48967

Ion Ratio Lower Upper

59 100

87 41.7 31.0 46.6





#33

Tert-Amyl methyl ether

Concen: 1.918 ug/l

RT: 5.59 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

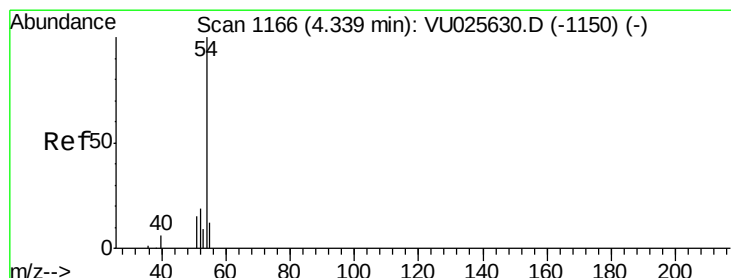
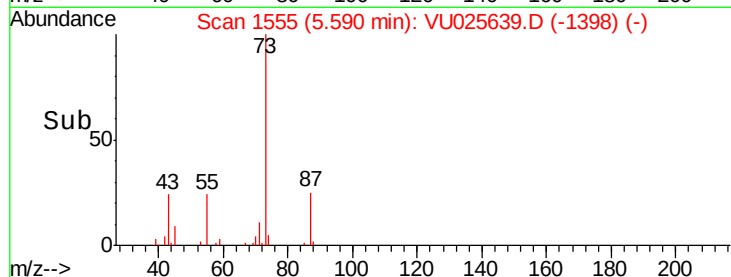
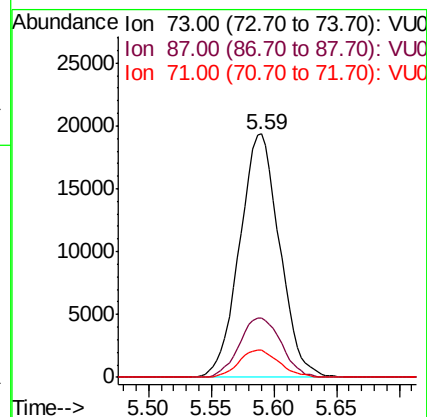
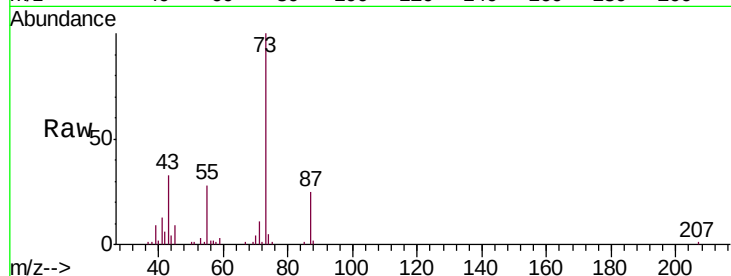
Tgt Ion: 73 Resp: 42813

Ion Ratio Lower Upper

73 100

87 25.5 18.6 28.0

71 11.3 9.3 13.9



#34

Propionitrile

Concen: 9.867 ug/l

RT: 4.35 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion: 54 Resp: 6812

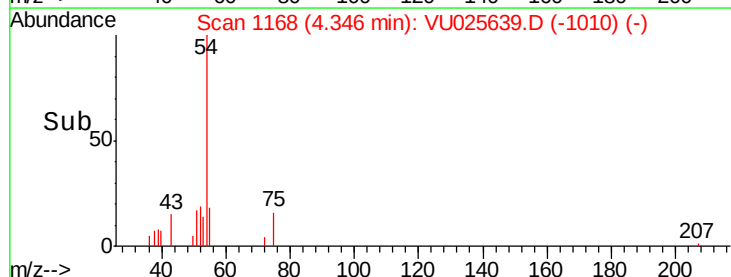
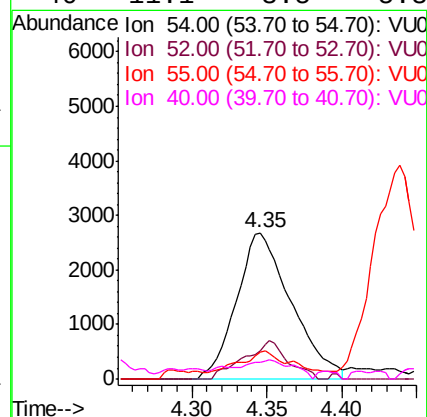
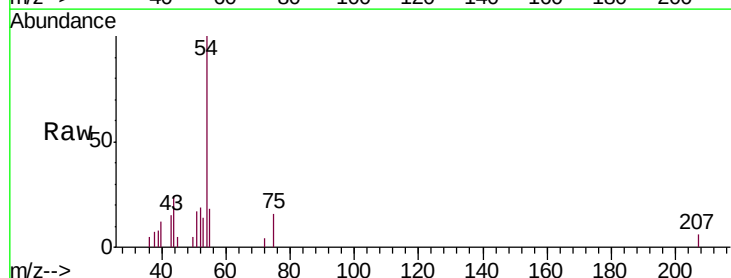
Ion Ratio Lower Upper

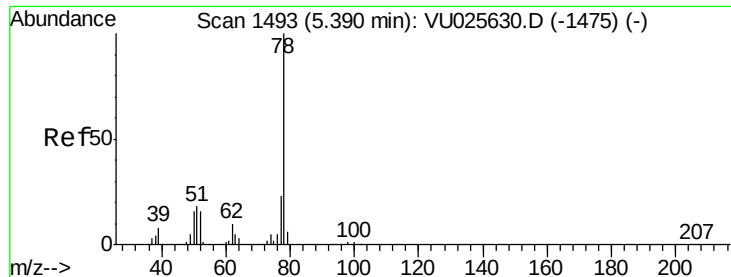
54 100

52 20.7 13.7 20.5#

55 9.2 10.2 15.2#

40 11.1 3.5 5.3#





#35

Benzene

Concen: 1.965 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

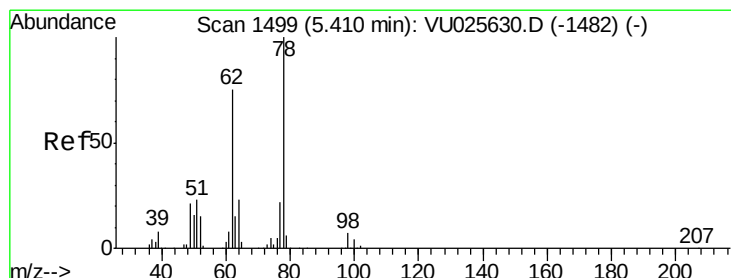
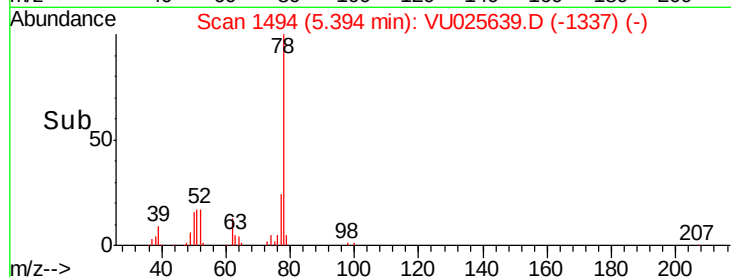
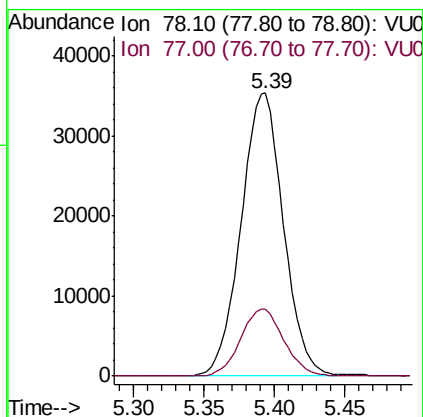
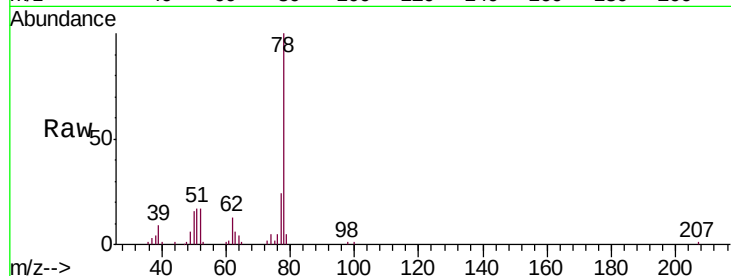
VU0725WBSD01

Tgt Ion: 78 Resp: 74174

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



#36

1,2-Dichloroethane

Concen: 1.987 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025639.D

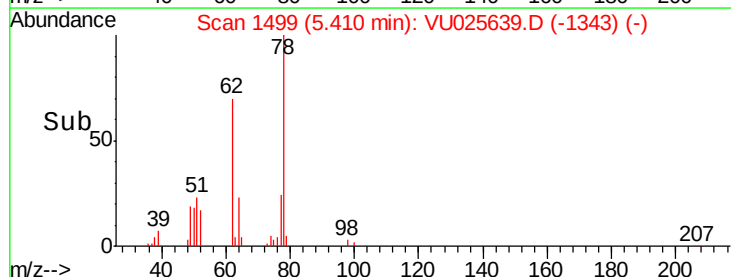
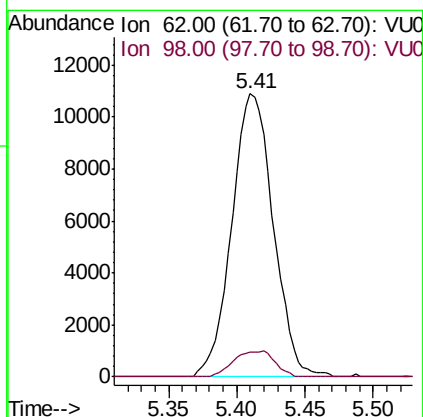
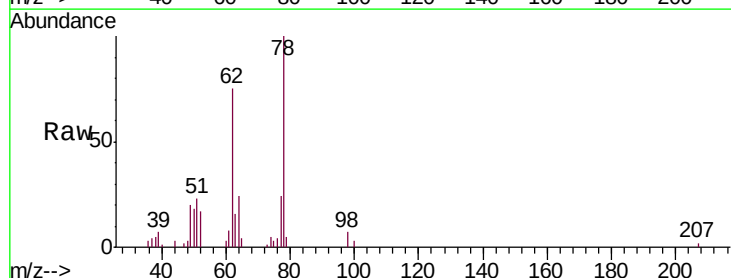
Acq: 25 Jul 2018 18:41

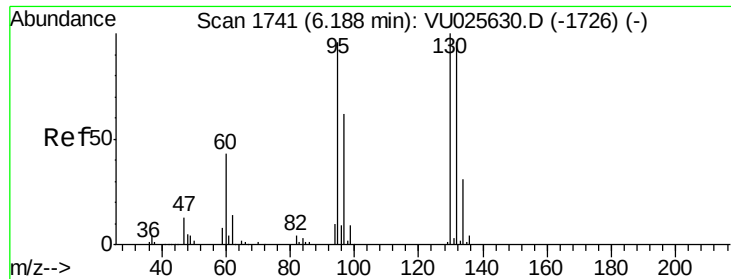
Tgt Ion: 62 Resp: 23026

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8





#37

Trichloroethene

Concen: 1.993 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

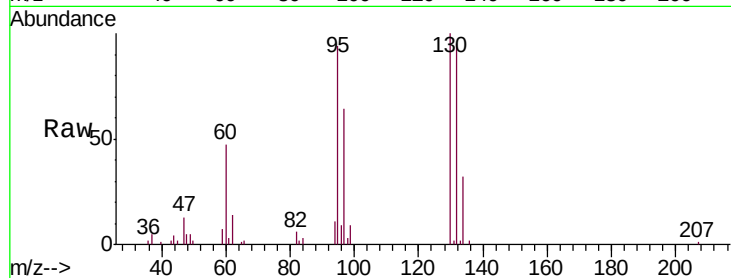
VU0725WBSD01

Tgt Ion:130 Resp: 22160

Ion Ratio Lower Upper

130 100

95 93.9 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): VU025639.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025639.D (-1726) (-)

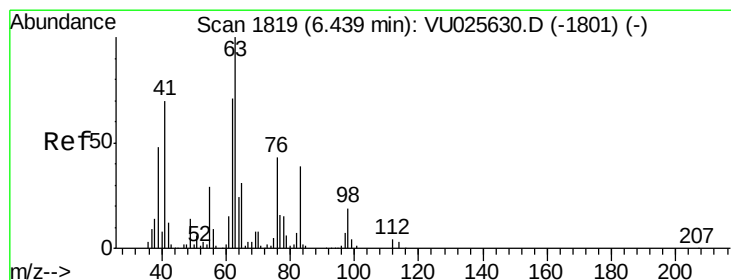
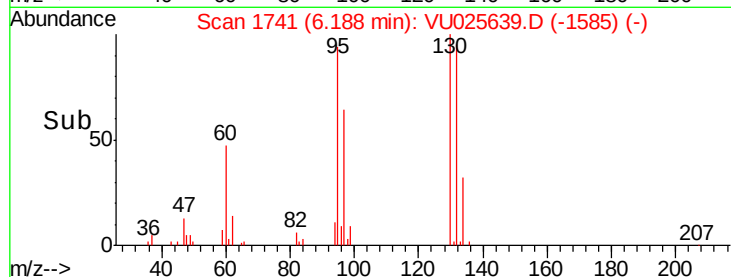
6.19

10000

5000

0

Time--> 6.10 6.15 6.20 6.25



#38

1,2-Dichloropropane

Concen: 1.969 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025639.D

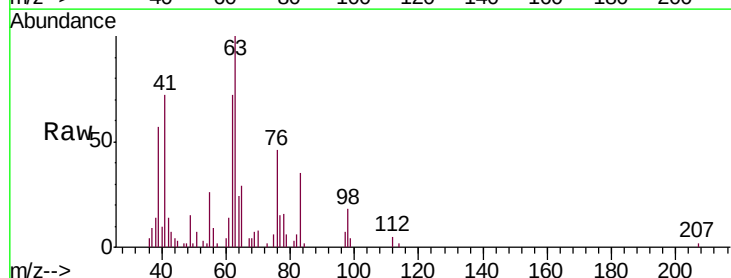
Acq: 25 Jul 2018 18:41

Tgt Ion: 63 Resp: 19284

Ion Ratio Lower Upper

63 100

65 29.0 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU025639.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025639.D (-1801) (-)

6.44

10000

8000

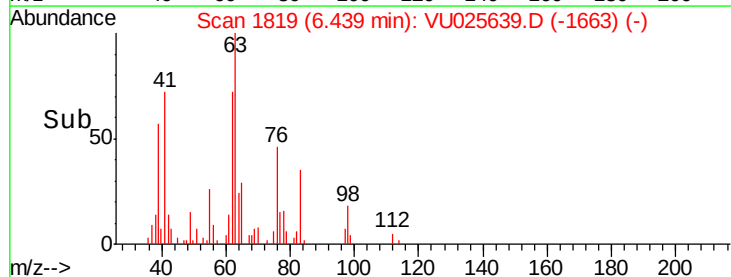
6000

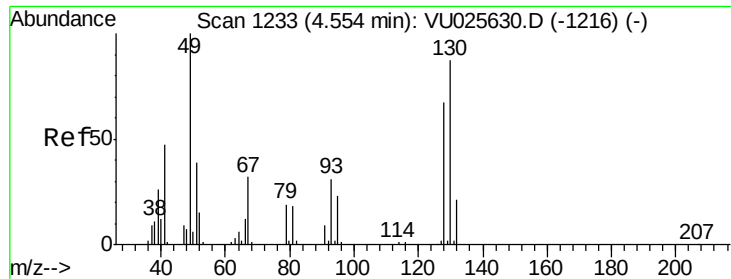
4000

2000

0

Time--> 6.35 6.40 6.45 6.50

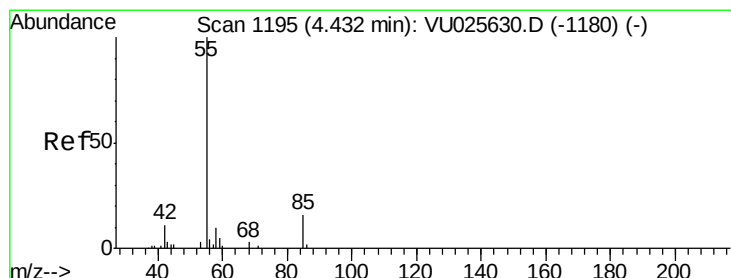
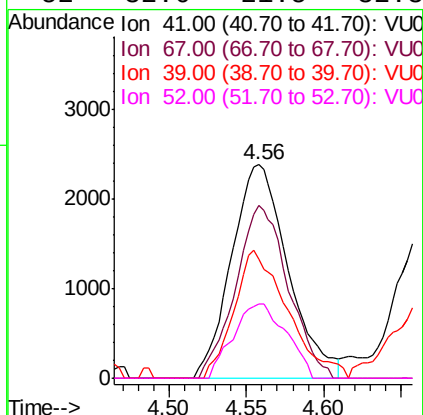
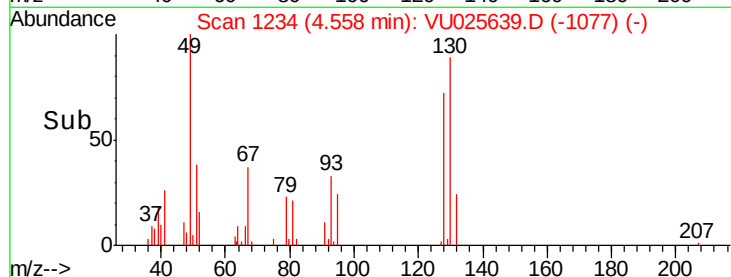
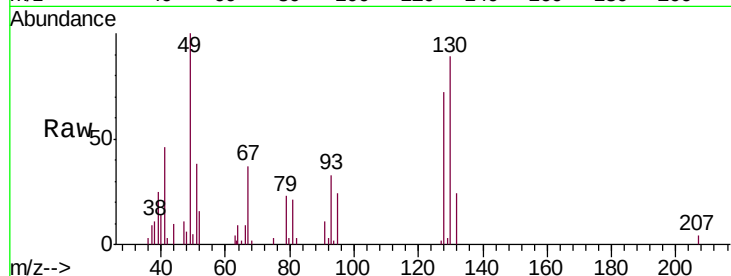




#39
Methacrylonitrile
Concen: 1.903 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

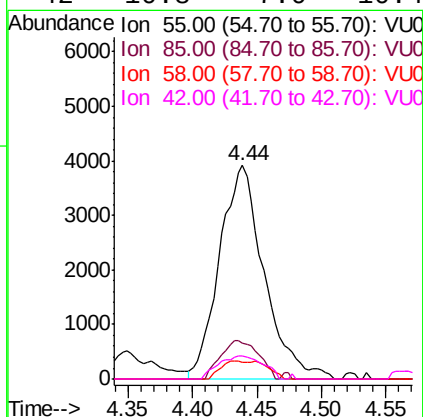
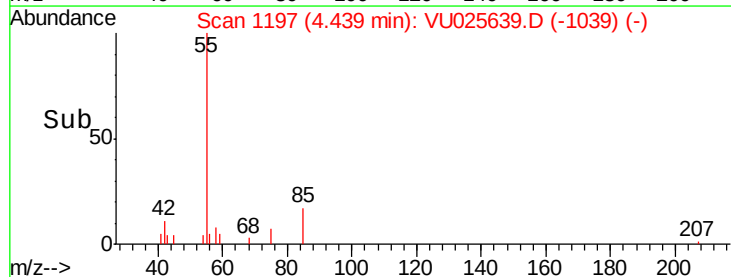
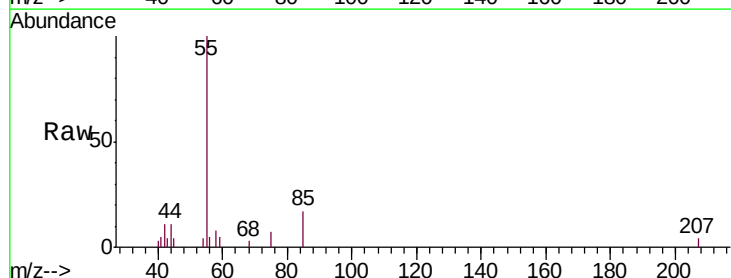
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

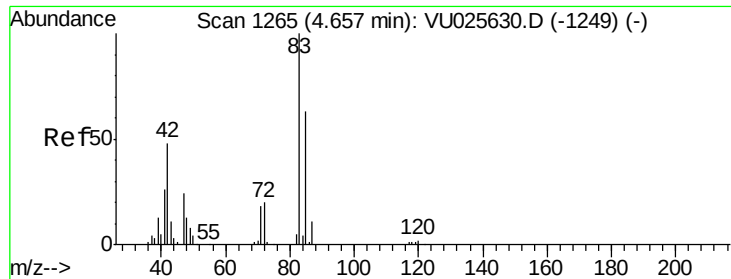
Tgt Ion: 41 Resp: 6048
Ion Ratio Lower Upper
41 100
67 75.2 51.3 76.9
39 56.7 40.6 60.8
52 32.6 21.5 32.3#



#40
Methyl acrylate
Concen: 1.965 ug/l
RT: 4.44 min Scan# 1197
Delta R.T. 0.01 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 55 Resp: 9417
Ion Ratio Lower Upper
55 100
85 15.2 12.3 18.5
58 4.8 7.0 10.6#
42 10.8 7.0 10.4#

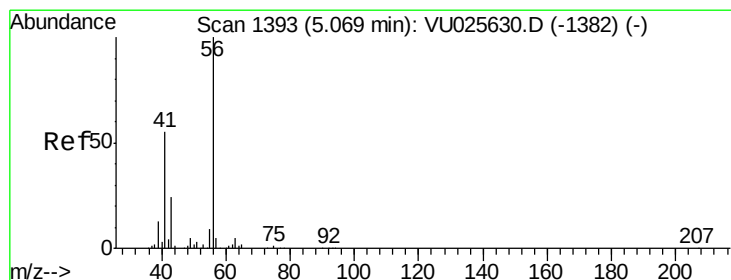
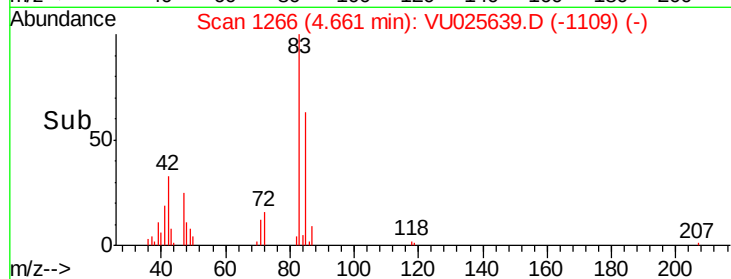
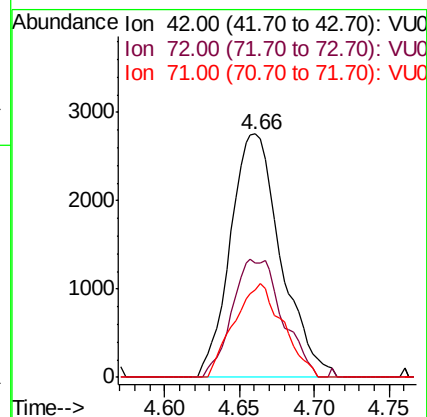
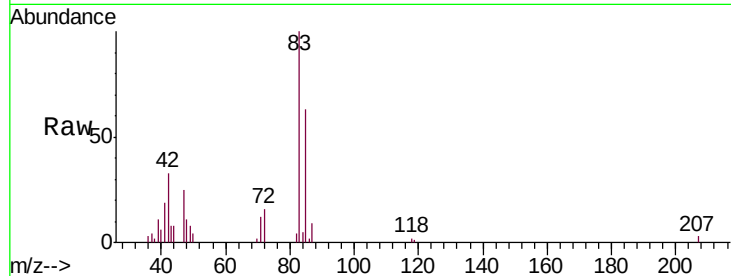




#41
Tetrahydrofuran
Concen: 3.454 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

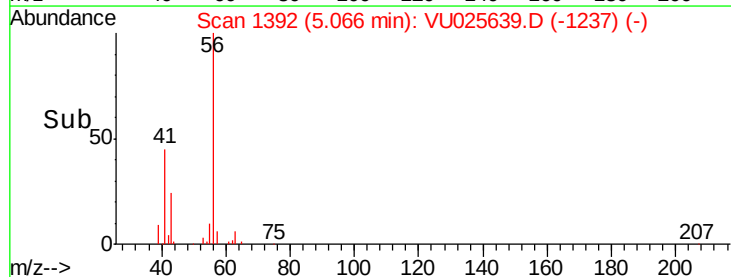
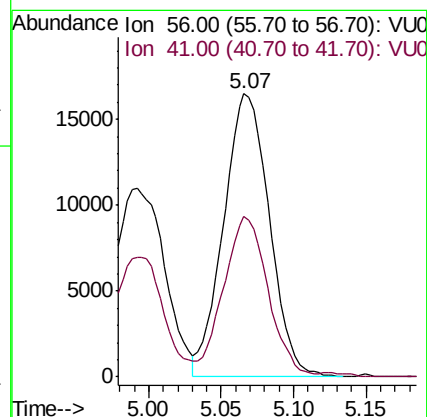
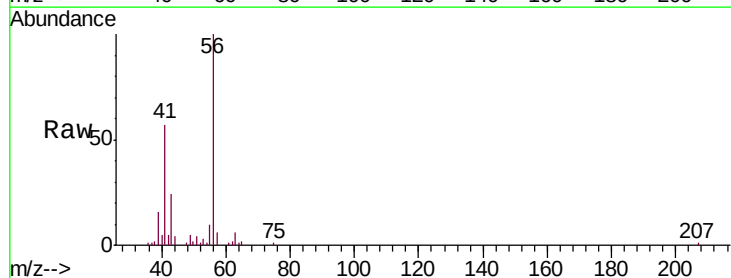
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

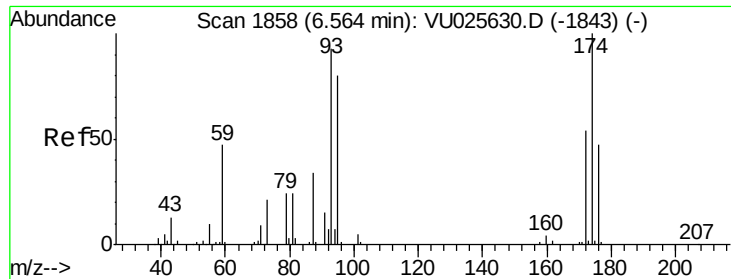
Tgt Ion: 42 Resp: 6487
Ion Ratio Lower Upper
42 100
72 48.0 33.2 49.8
71 37.2 29.8 44.8



#42
1-Chlorobutane
Concen: 1.965 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 56 Resp: 36162
Ion Ratio Lower Upper
56 100
41 53.8 27.5 82.5





#43

Dibromomethane

Concen: 2.026 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

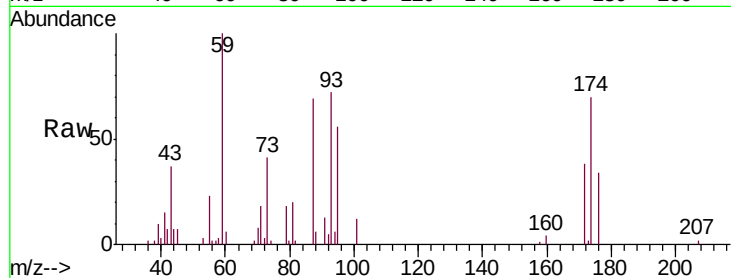
Tgt Ion: 93 Resp: 10358

Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

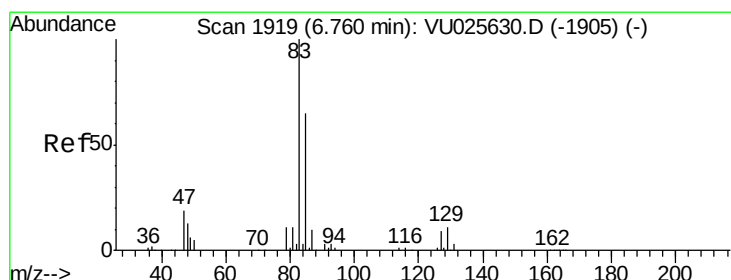
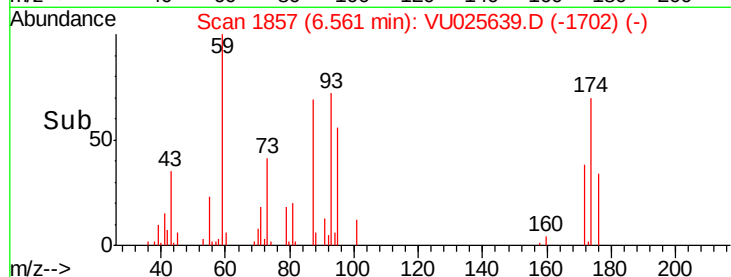
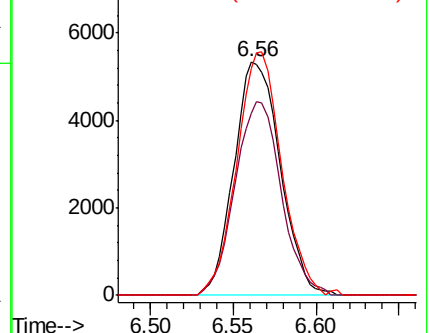
174 100.5 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.967 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

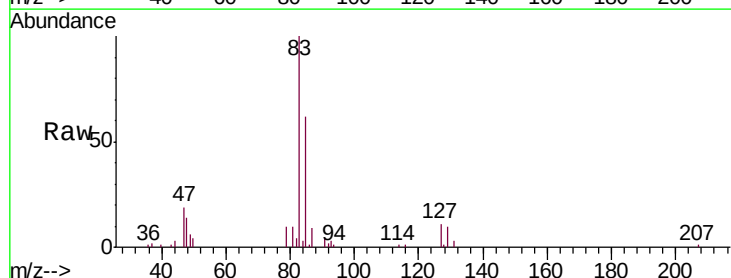
Tgt Ion: 83 Resp: 25477

Ion Ratio Lower Upper

83 100

85 61.8 52.2 78.4

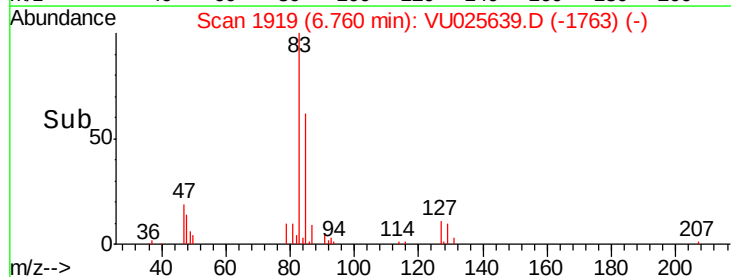
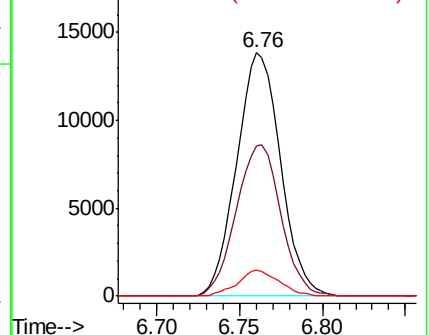
127 10.6 7.0 10.4#

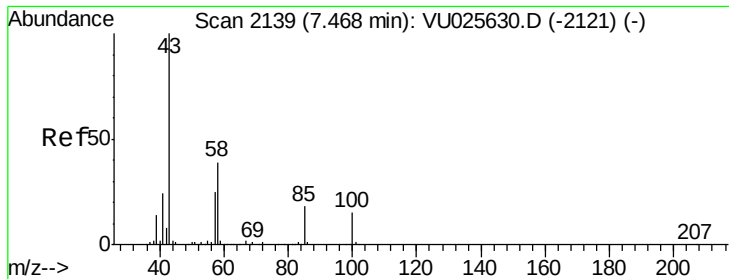


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

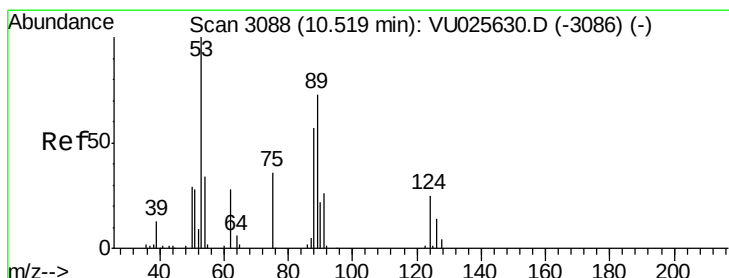
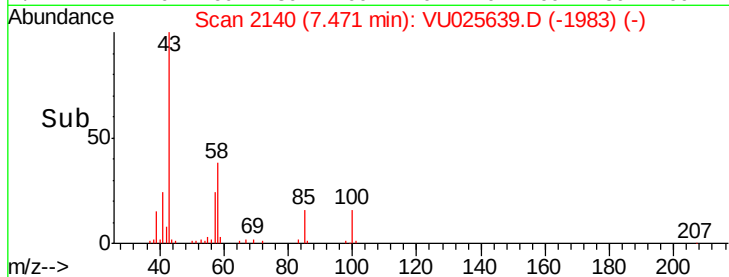
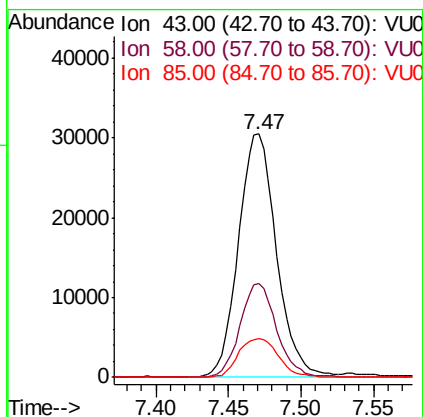
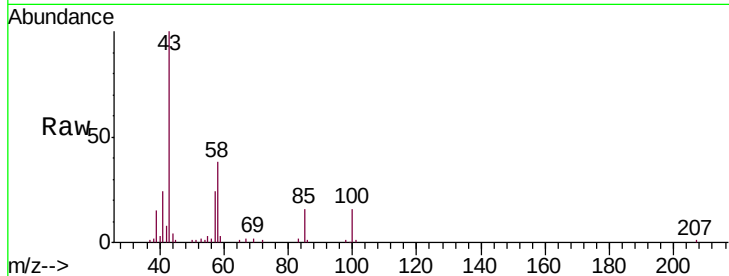




#45
 4-Methyl-2-Pentanone
 Concen: 9.778 ug/l
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

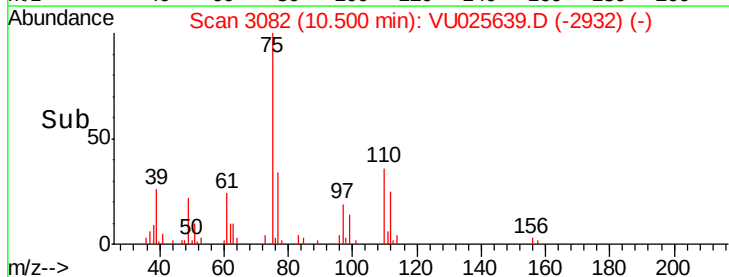
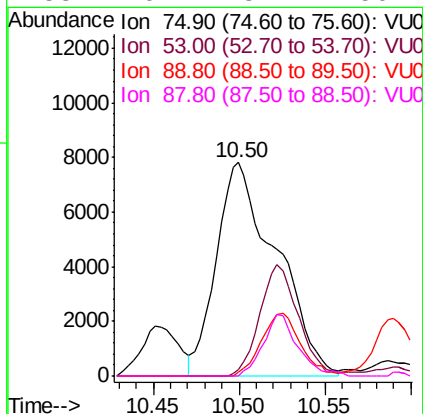
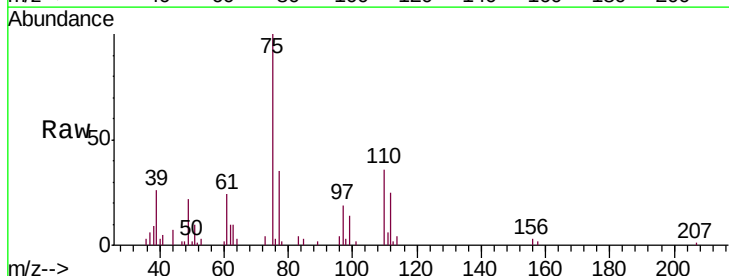
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

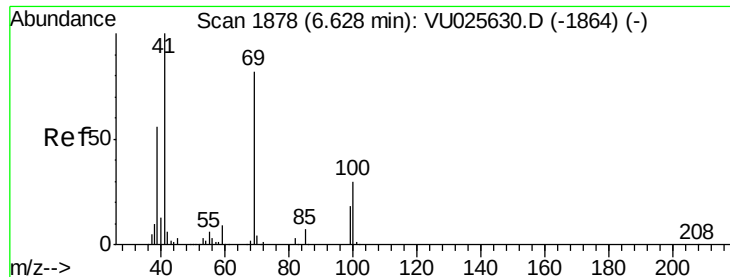
Tgt Ion: 43 Resp: 55746
 Ion Ratio Lower Upper
 43 100
 58 37.0 18.8 56.4
 85 16.7 12.6 19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 8.732 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 75 Resp: 18963
 Ion Ratio Lower Upper
 75 100
 53 33.6 82.2 123.4#
 89 19.0 51.3 76.9#
 88 16.4 37.4 56.2#

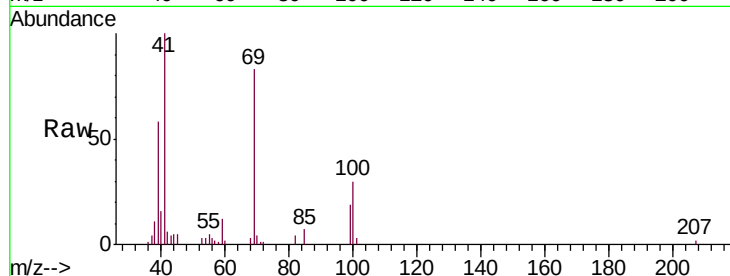




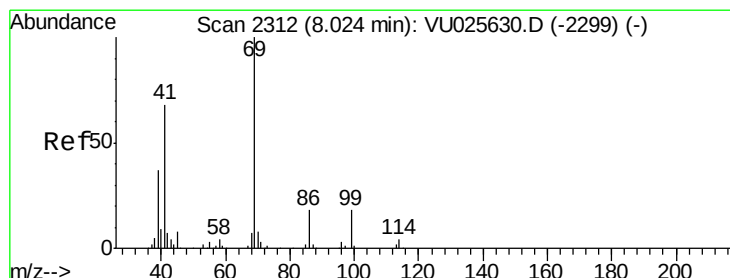
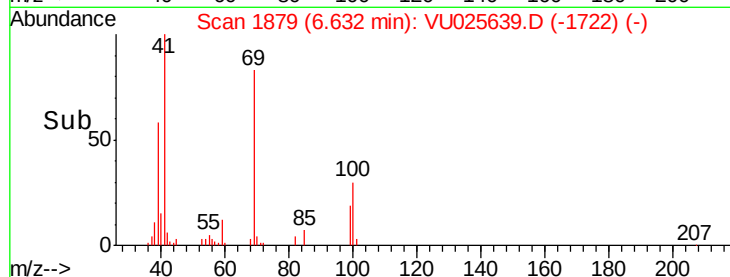
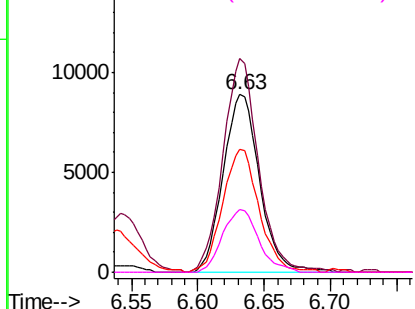
#47
Methyl methacrylate
Concen: 3.977 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tgt Ion: 69 Resp: 17002
Ion Ratio Lower Upper
69 100
41 117.6 0.0 245.4
39 68.8 49.0 73.4
100 35.0 27.8 41.8

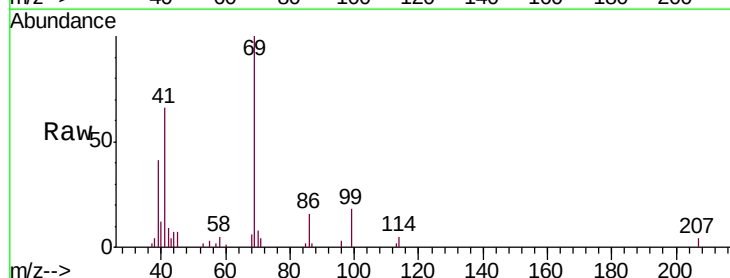


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

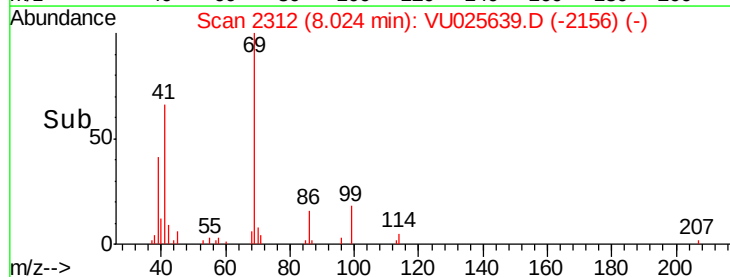
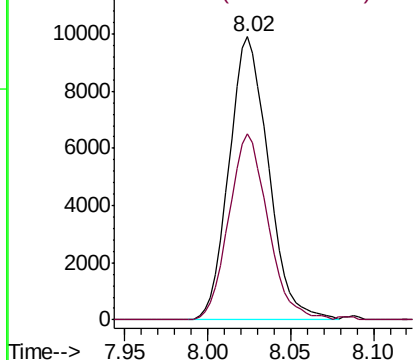


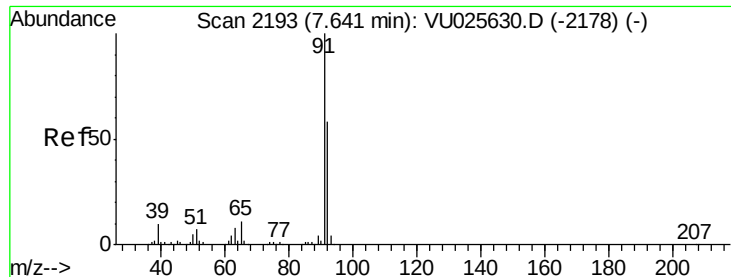
#48
Ethyl methacrylate
Concen: 1.902 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 69 Resp: 16332
Ion Ratio Lower Upper
69 100
41 65.4 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.885 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

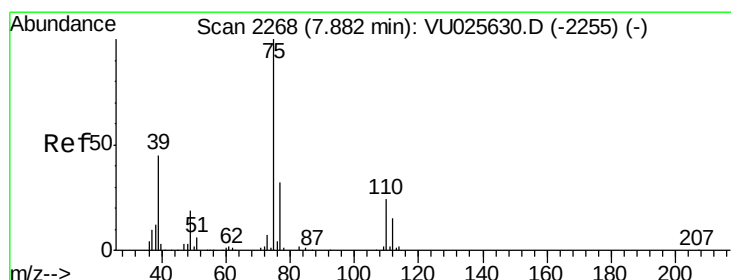
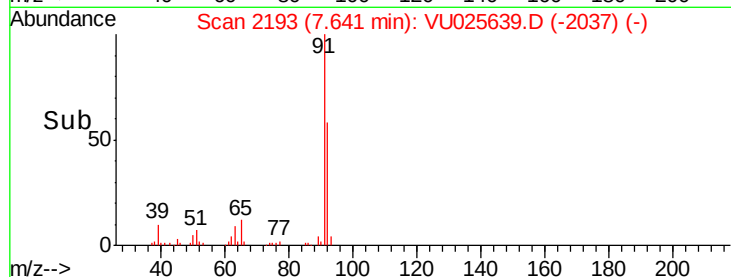
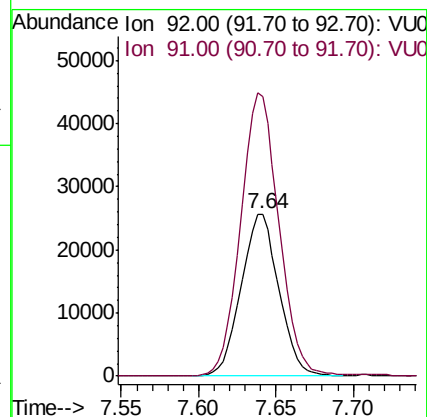
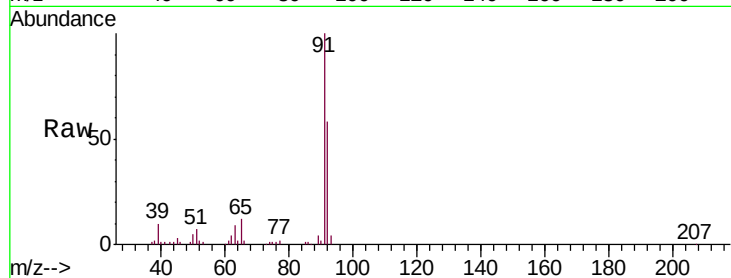
VU0725WBSD01

Tgt Ion: 92 Resp: 43481

Ion Ratio Lower Upper

92 100

91 177.0 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 1.903 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025639.D

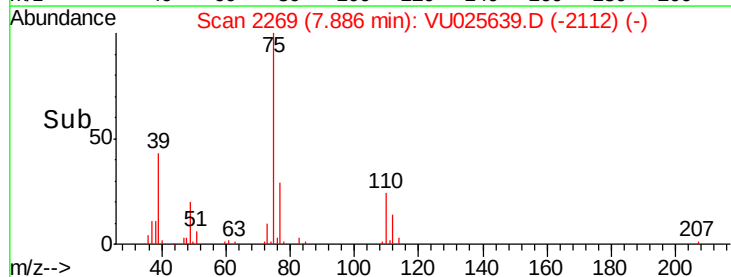
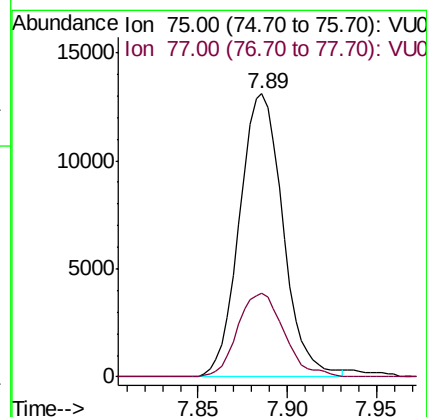
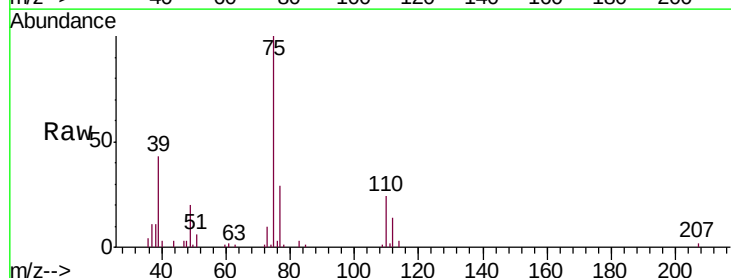
Acq: 25 Jul 2018 18:41

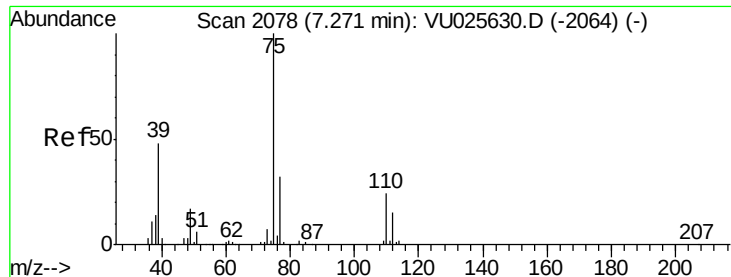
Tgt Ion: 75 Resp: 22254

Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 1.950 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

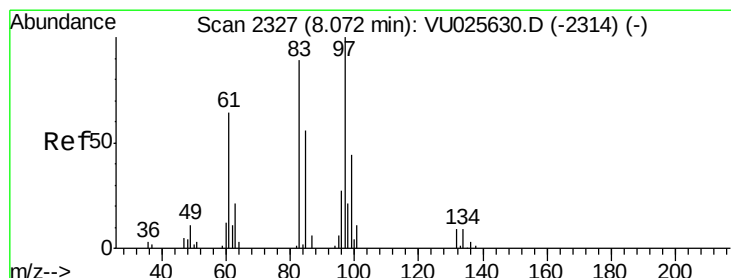
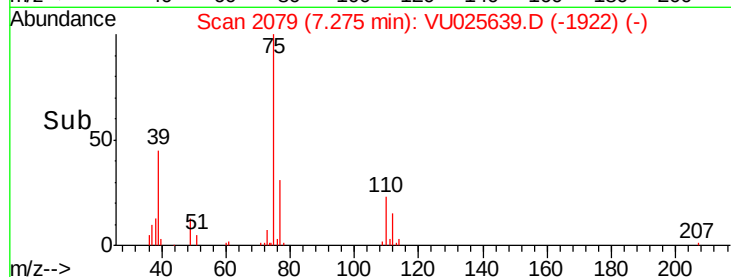
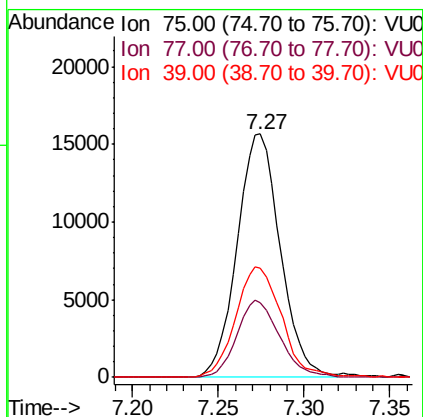
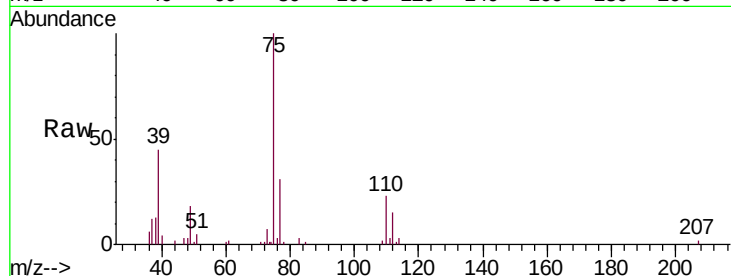
Tgt Ion: 75 Resp: 27325

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 44.7 36.4 54.6



#52

1,1,2-Trichloroethane

Concen: 1.987 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion: 97 Resp: 13615

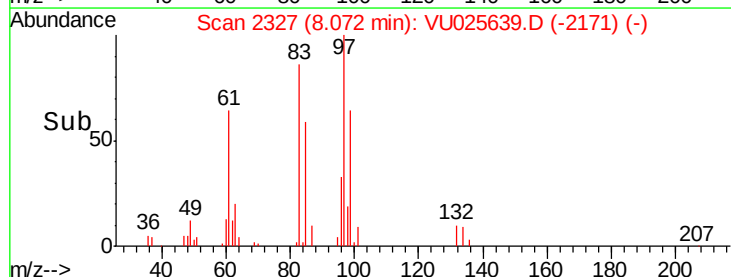
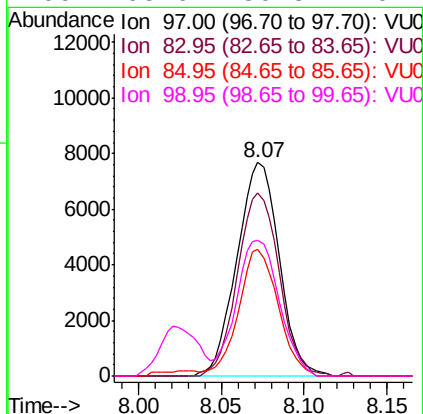
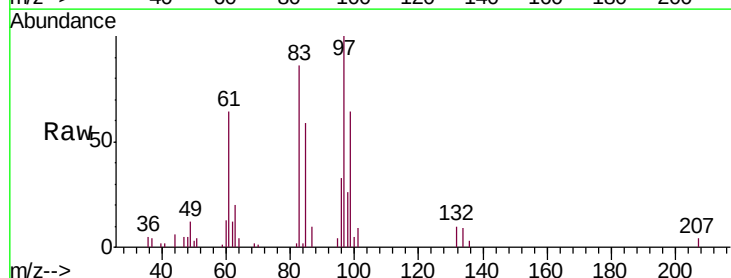
Ion Ratio Lower Upper

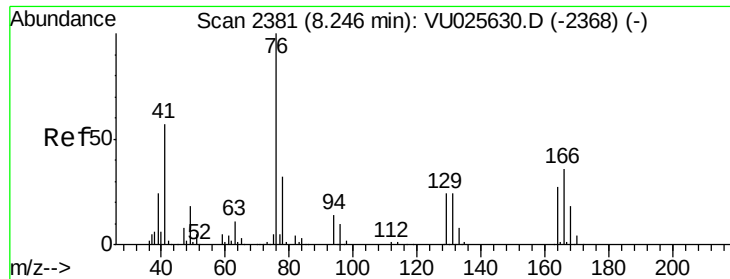
97 100

83 85.5 72.6 109.0

85 59.2 47.2 70.8

99 63.6 50.8 76.2

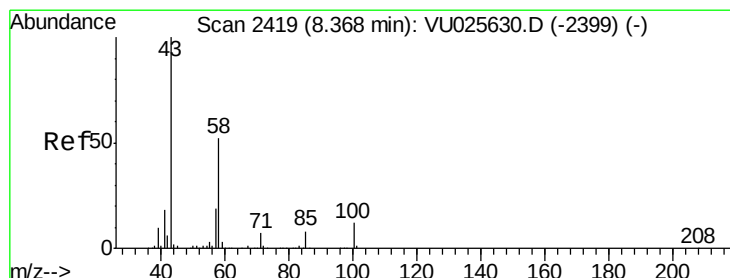
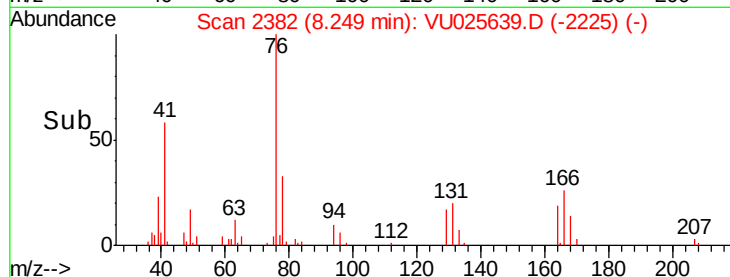
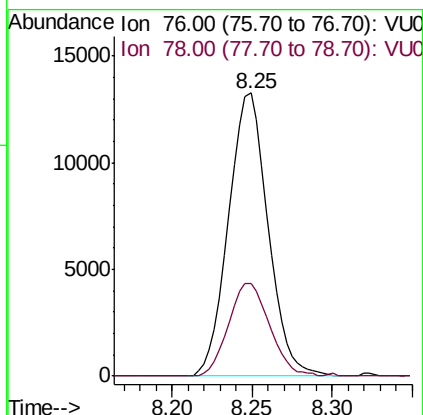
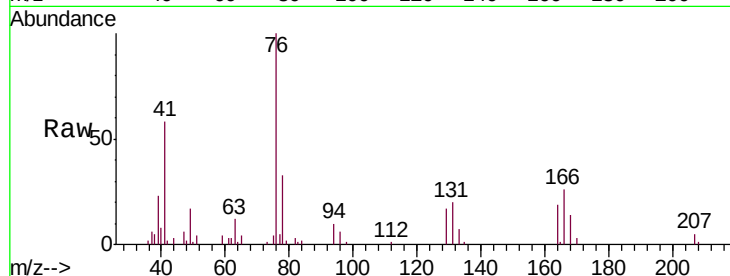




#53
 1,3-Dichloropropane
 Concen: 1.928 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

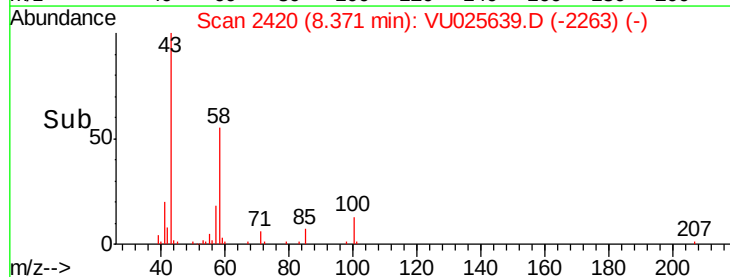
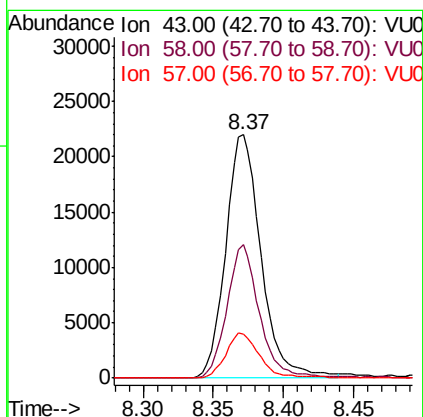
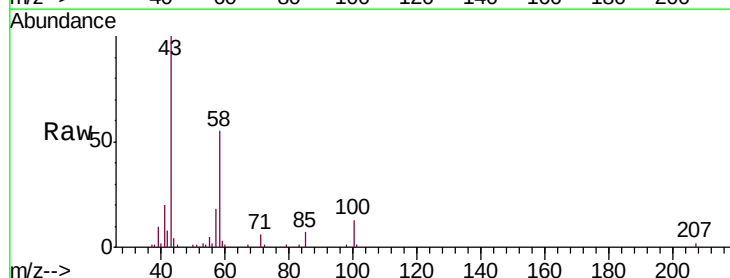
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

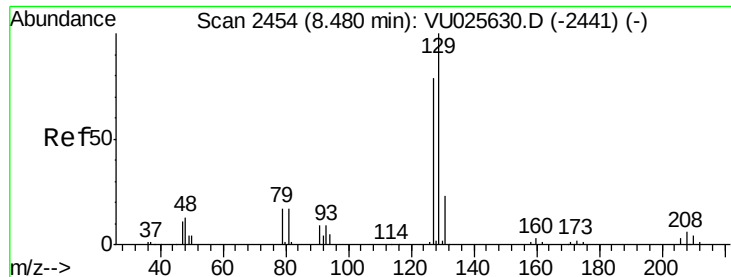
Tgt Ion: 76 Resp: 22314
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.7 38.5



#54
 2-Hexanone
 Concen: 9.565 ug/l
 RT: 8.37 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 43 Resp: 38512
 Ion Ratio Lower Upper
 43 100
 58 50.5 32.5 72.5
 57 17.3 0.0 37.9





#55

Dibromochloromethane

Concen: 1.885 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

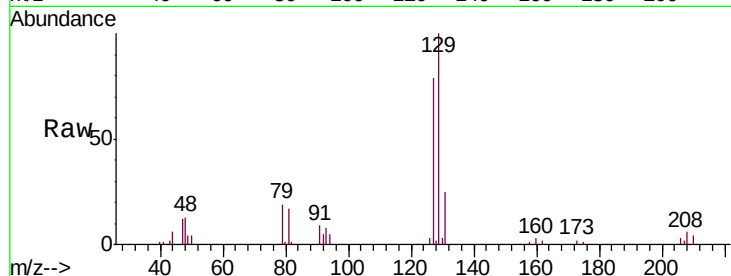
VU0725WBSD01

Tgt Ion:129 Resp: 16429

Ion Ratio Lower Upper

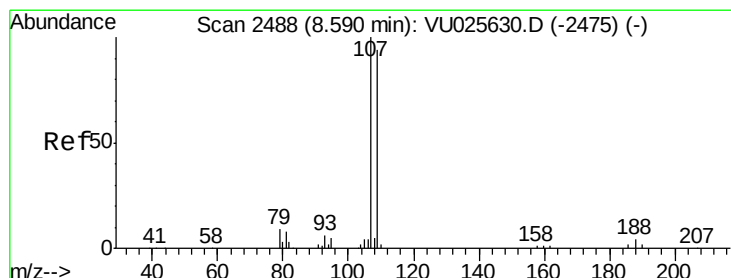
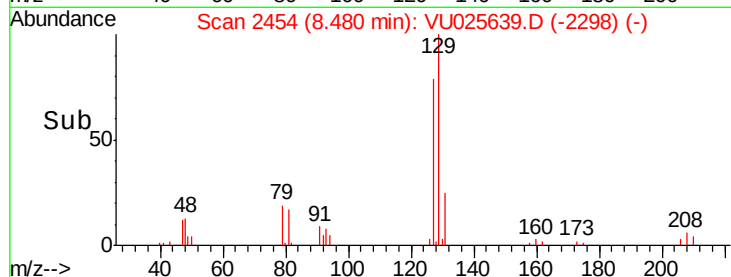
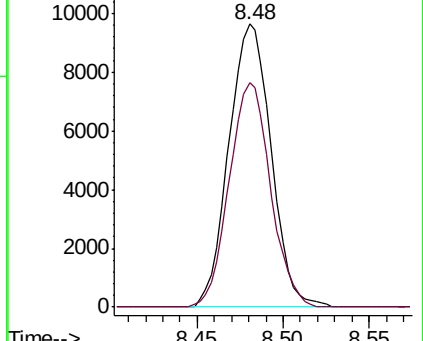
129 100

127 77.5 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.929 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025639.D

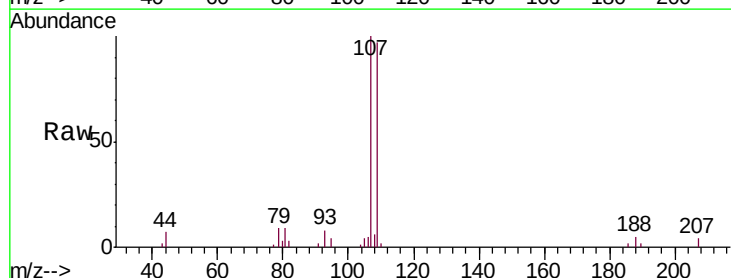
Acq: 25 Jul 2018 18:41

Tgt Ion:107 Resp: 12796

Ion Ratio Lower Upper

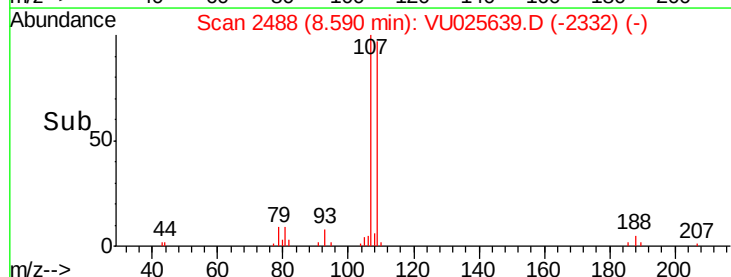
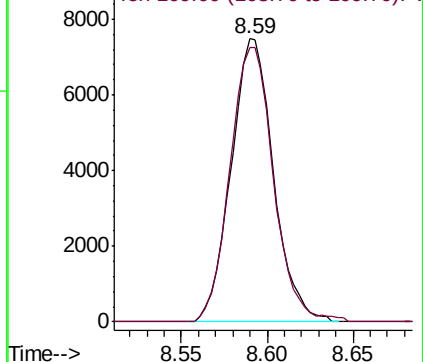
107 100

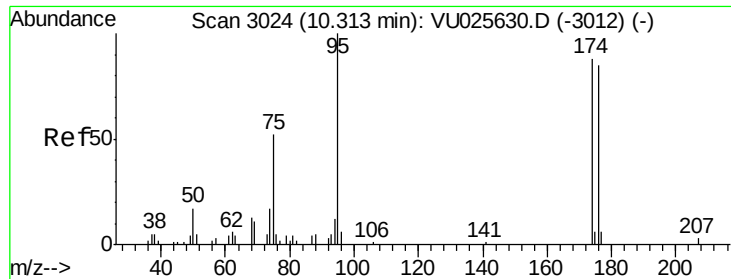
109 99.7 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

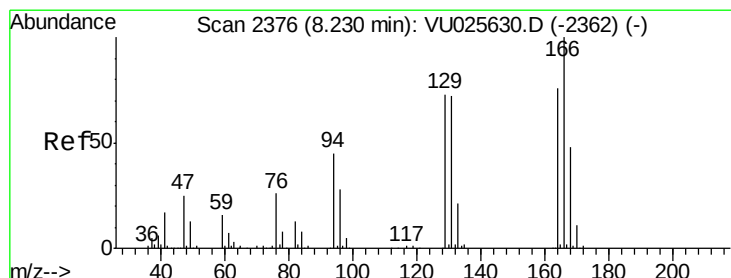
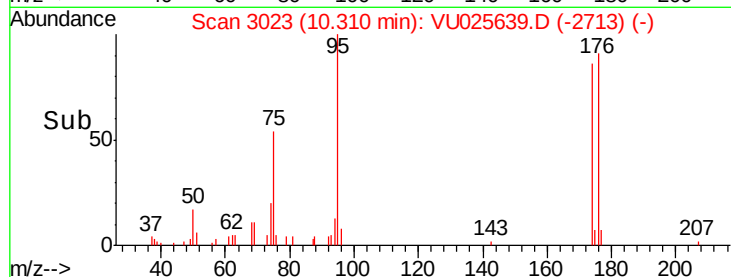
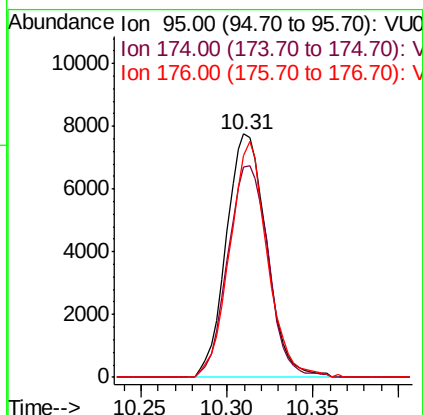
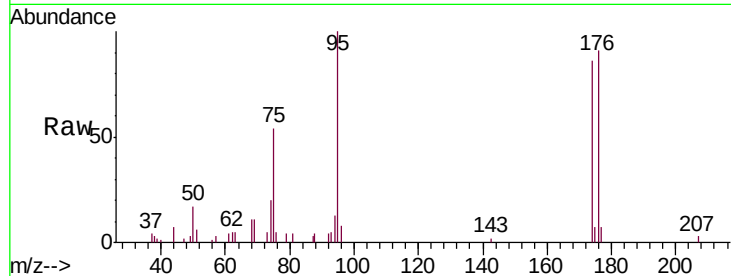




#57
4-Bromofluorobenzene
Concen: 1.929 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

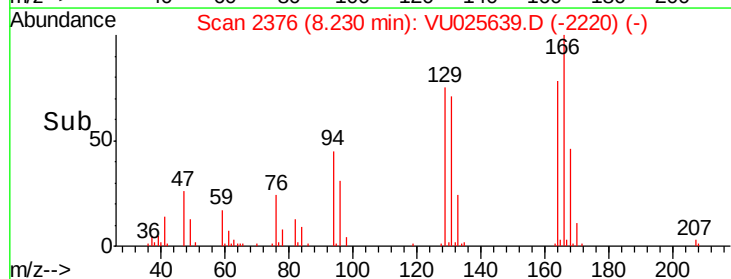
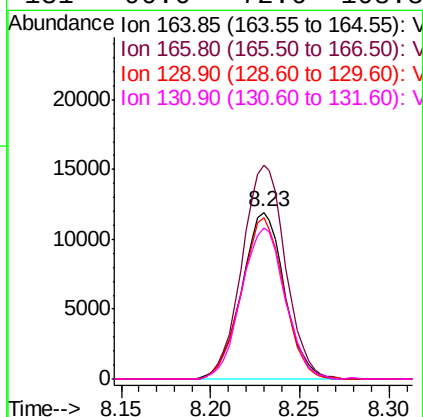
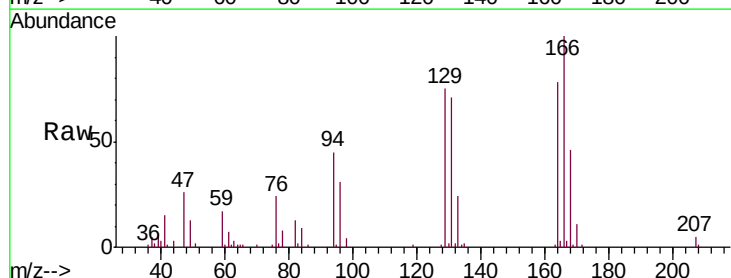
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

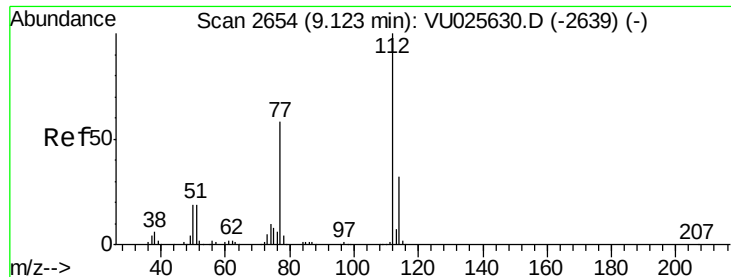
Tgt Ion: 95 Resp: 12633
Ion Ratio Lower Upper
95 100
174 87.7 65.6 98.4
176 90.1 62.0 93.0



#58
Tetrachloroethene
Concen: 1.998 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 164 Resp: 19966
Ion Ratio Lower Upper
164 100
166 127.9 104.1 156.1
129 96.3 76.8 115.2
131 90.6 72.6 108.8





#59

Chlorobenzene

Concen: 1.965 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

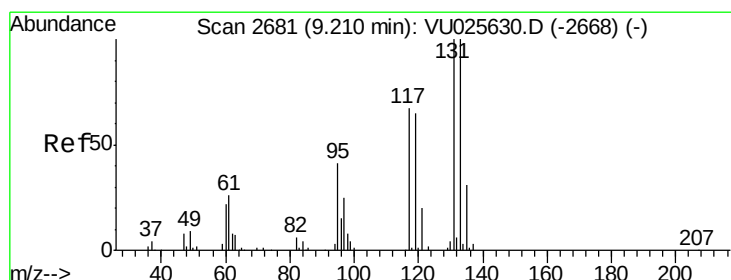
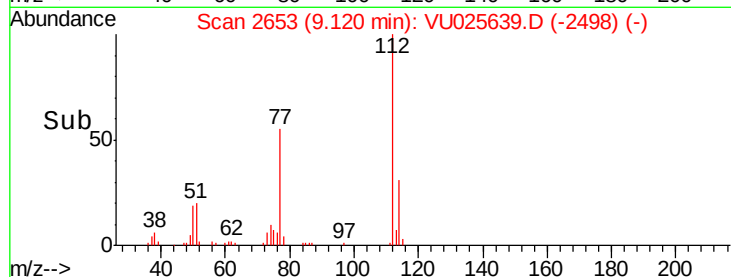
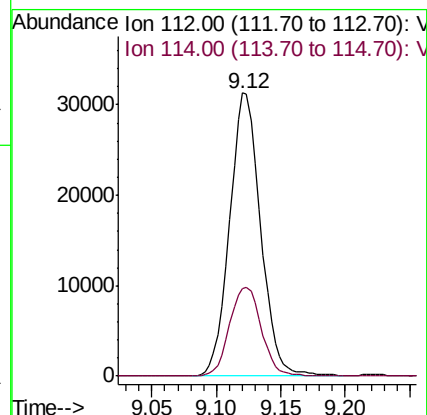
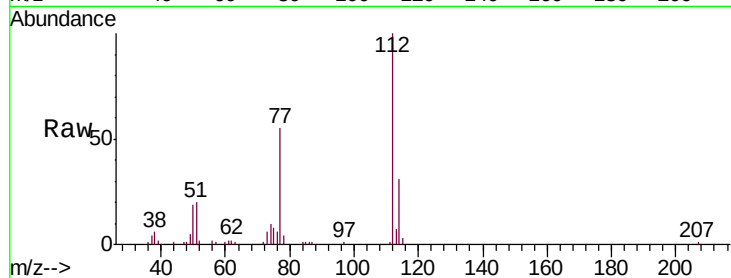
VU0725WBSD01

Tgt Ion:112 Resp: 52107

Ion Ratio Lower Upper

112 100

114 31.0 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.937 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

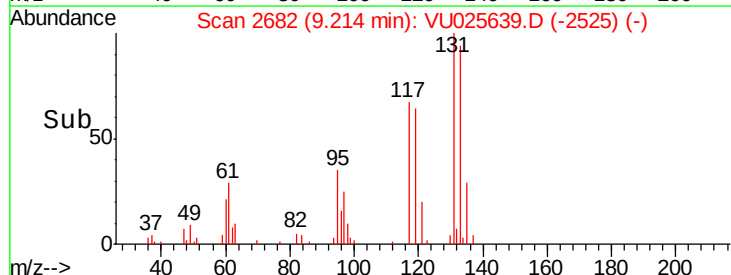
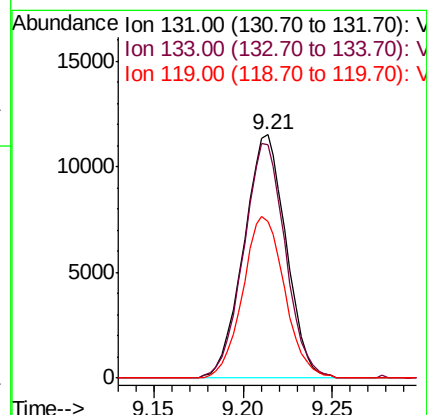
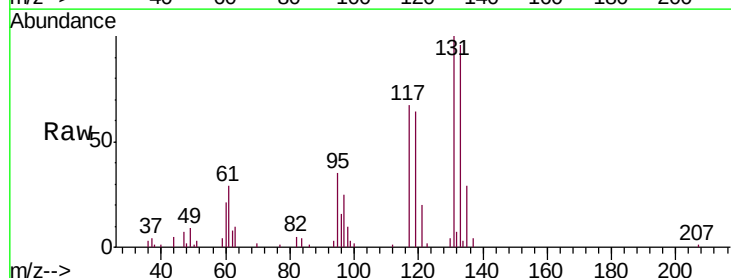
Tgt Ion:131 Resp: 19075

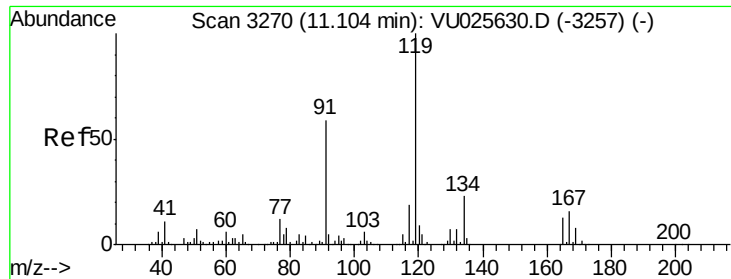
Ion Ratio Lower Upper

131 100

133 95.4 75.8 113.8

119 65.6 53.0 79.6

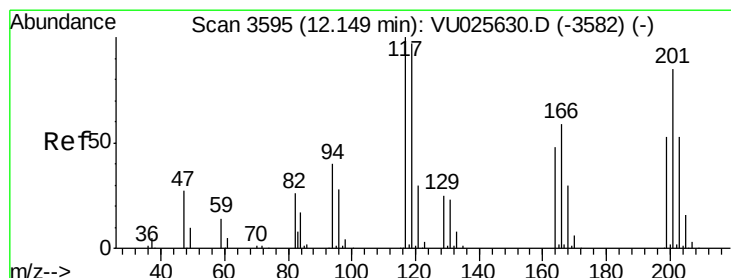
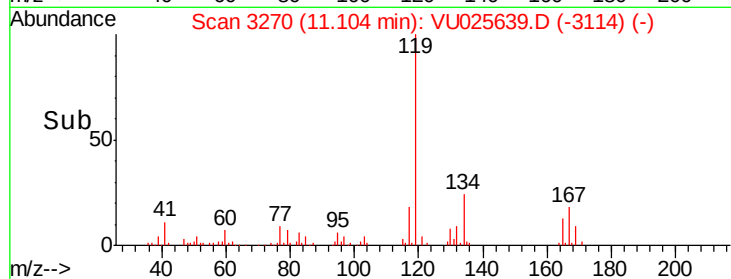
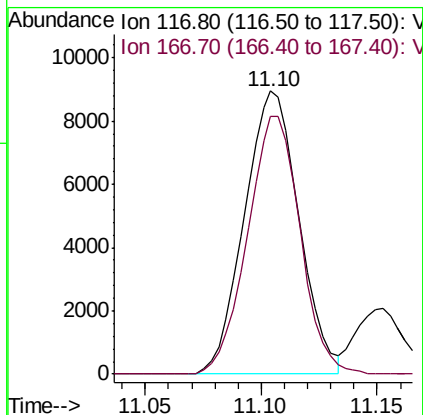
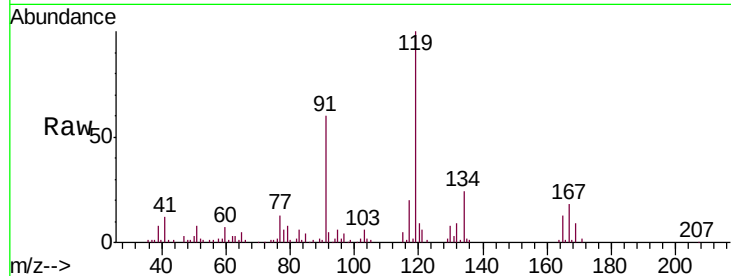




#61
 Pentachloroethane
 Concen: 1.945 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

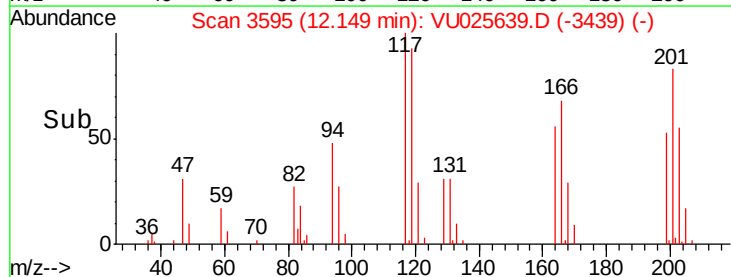
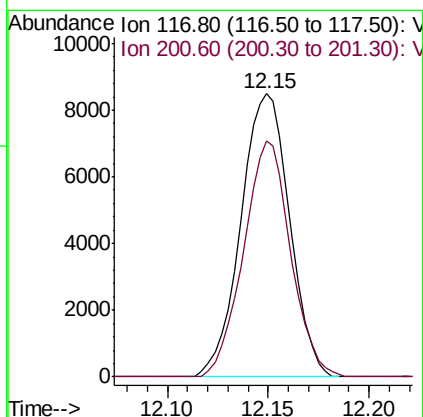
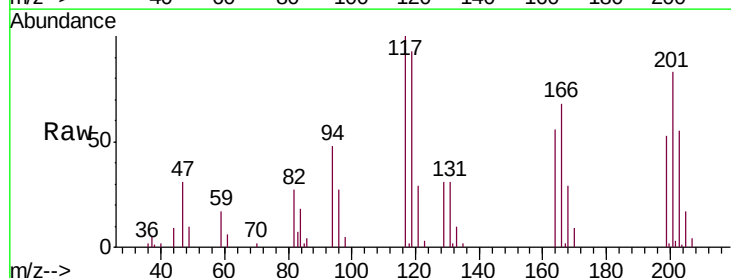
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

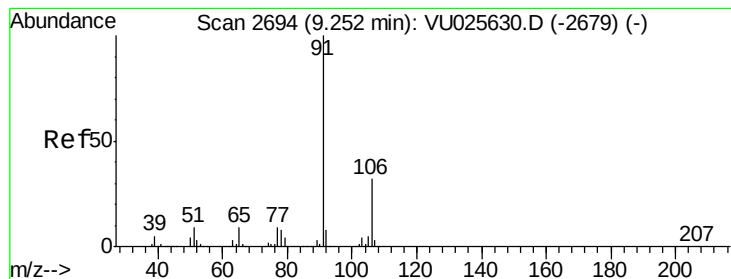
Tgt Ion:117 Resp: 14622
 Ion Ratio Lower Upper
 117 100
 167 88.0 69.2 103.8



#62
 Hexachloroethane
 Concen: 1.868 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion:117 Resp: 14339
 Ion Ratio Lower Upper
 117 100
 201 80.4 68.7 103.1





#63

Ethyl Benzene

Concen: 1.915 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

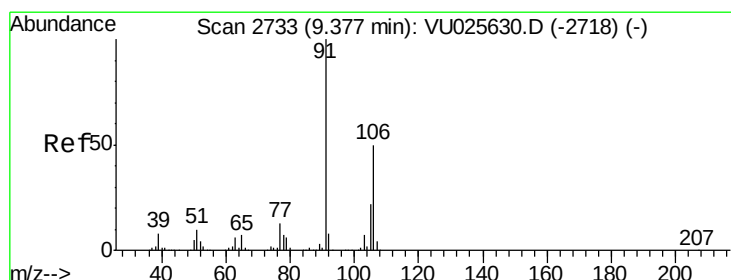
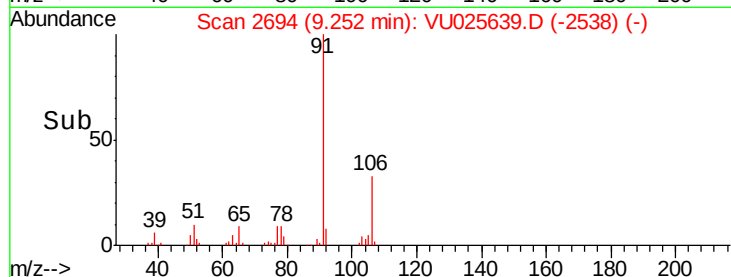
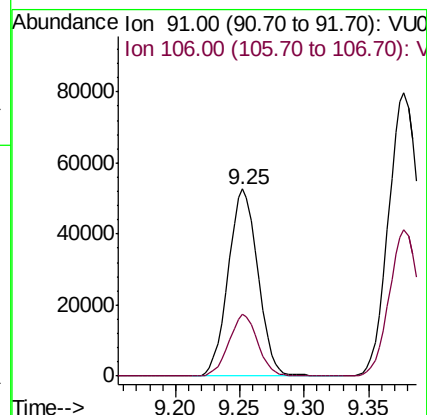
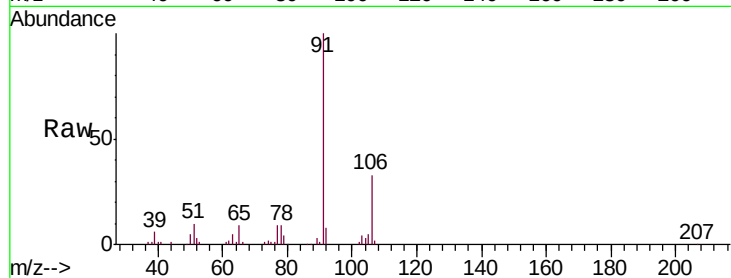
VU0725WBSD01

Tgt Ion: 91 Resp: 84488

Ion Ratio Lower Upper

91 100

106 33.0 24.7 37.1



#64

m/p-Xylenes

Concen: 3.910 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025639.D

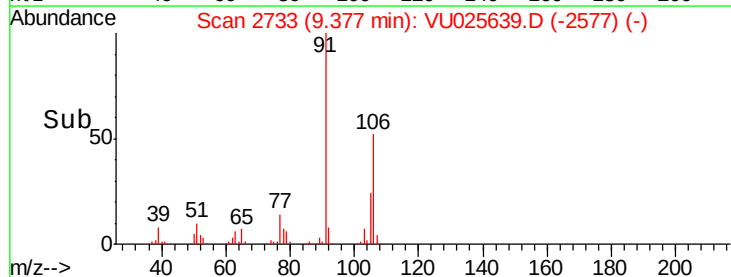
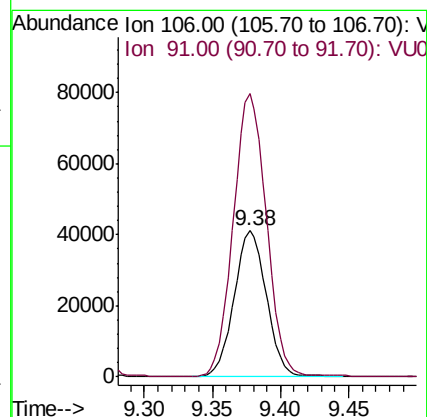
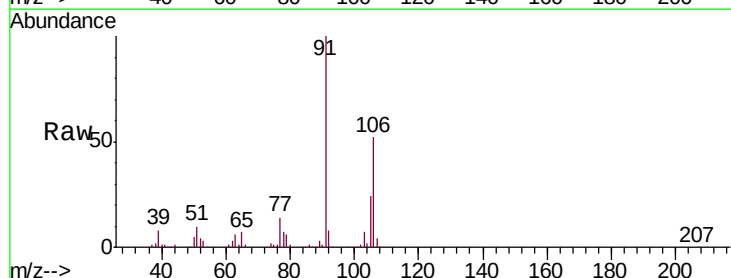
Acq: 25 Jul 2018 18:41

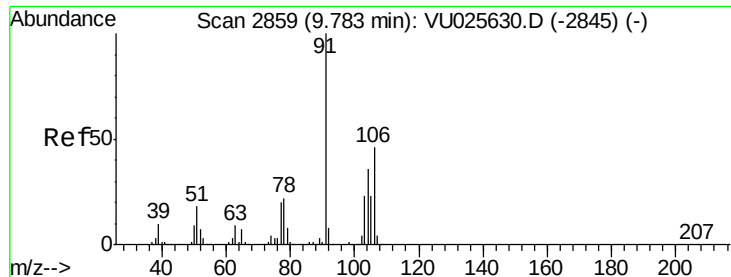
Tgt Ion: 106 Resp: 67796

Ion Ratio Lower Upper

106 100

91 198.3 164.1 246.1

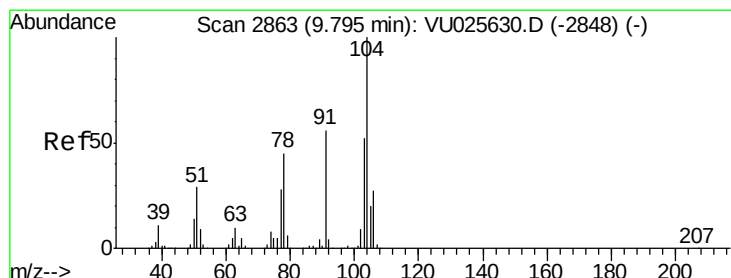
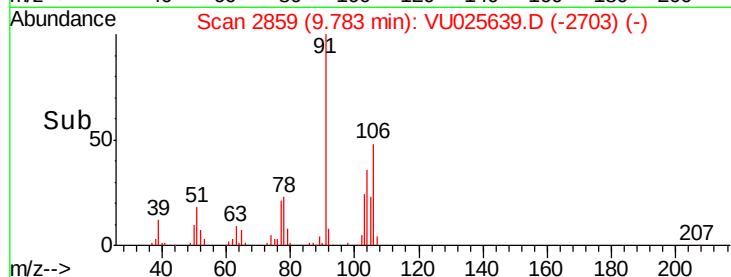
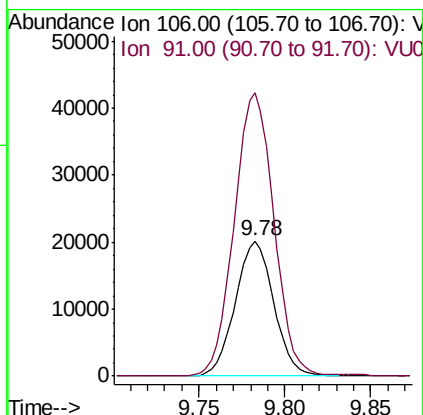
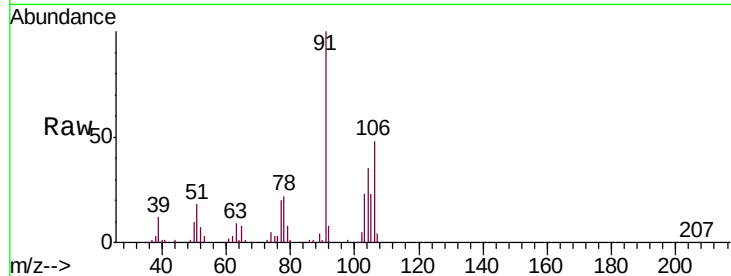




#65
o-Xylene
Concen: 1.892 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

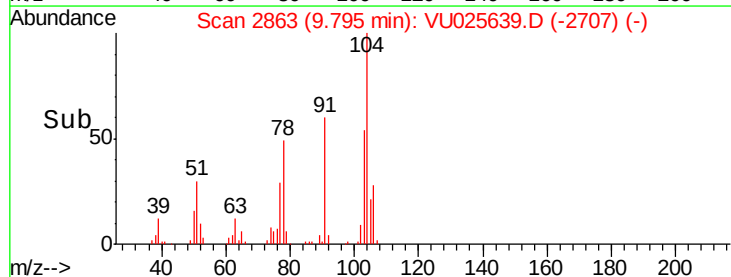
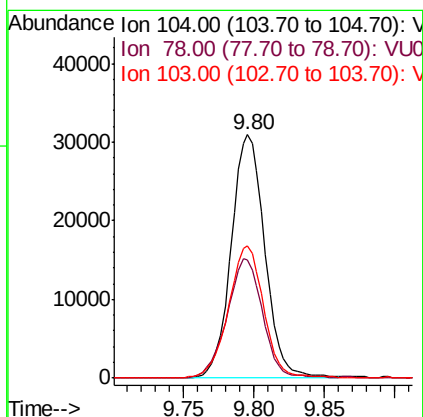
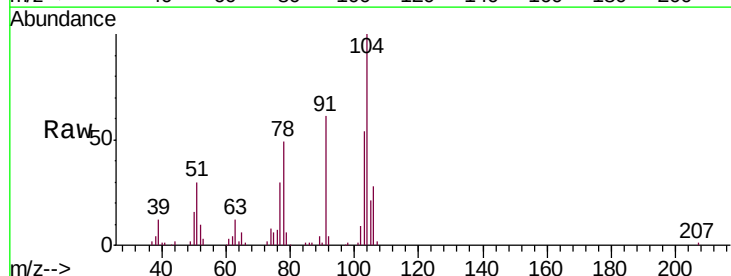
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

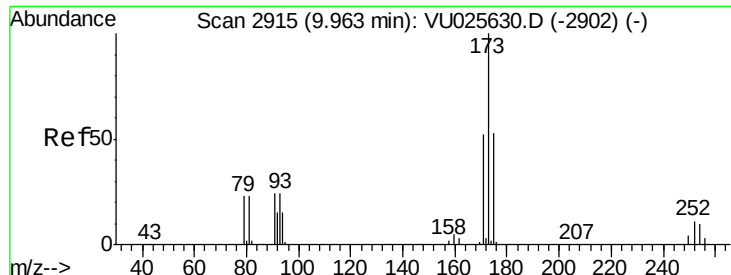
Tgt Ion:106 Resp: 31270
Ion Ratio Lower Upper
106 100
91 216.8 107.9 323.7



#66
Styrene
Concen: 1.844 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:104 Resp: 51750
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.2
103 56.8 44.2 66.4

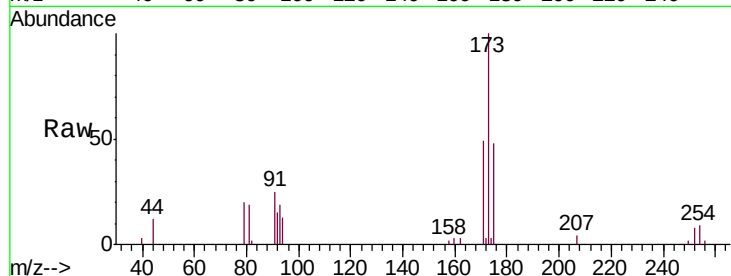




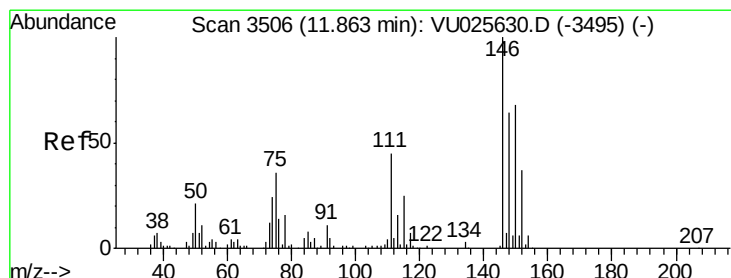
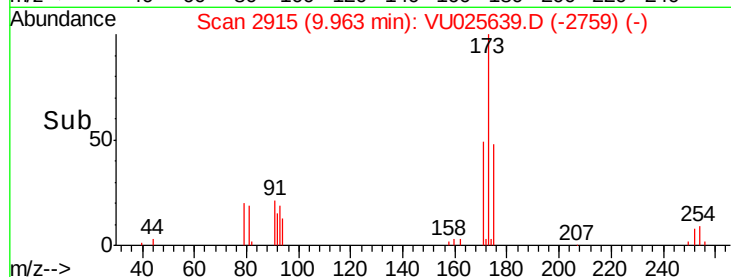
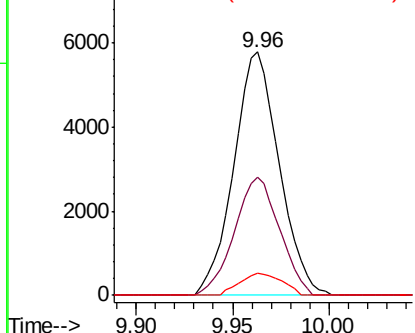
#67
Bromoform
Concen: 1.833 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tgt Ion:173 Resp: 9424
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 8.3 8.8 13.2#

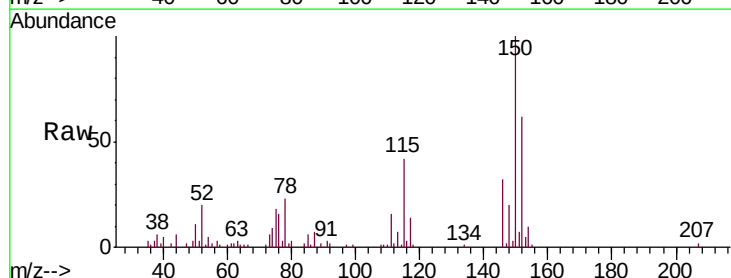


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

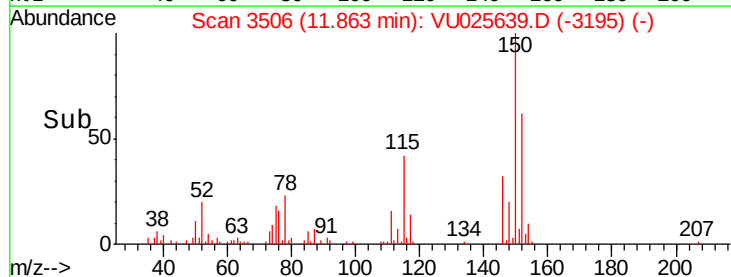
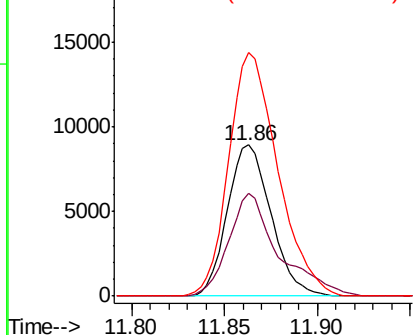


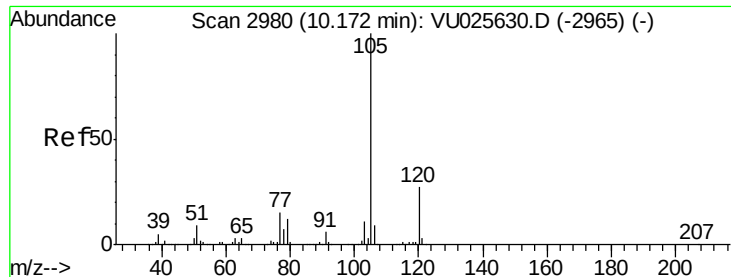
#68
1,2-Dichlorobenzene-d4
Concen: 1.833 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:152 Resp: 14656
Ion Ratio Lower Upper
152 100
115 77.2 0.0 118.8
150 180.6 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.884 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

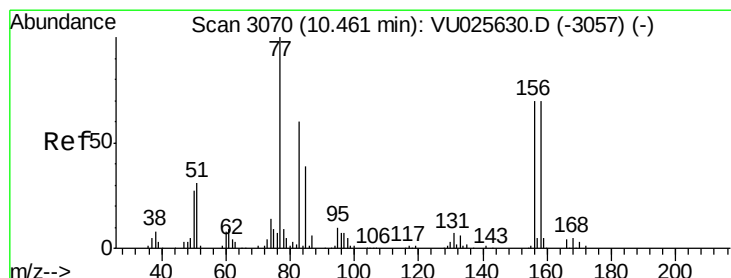
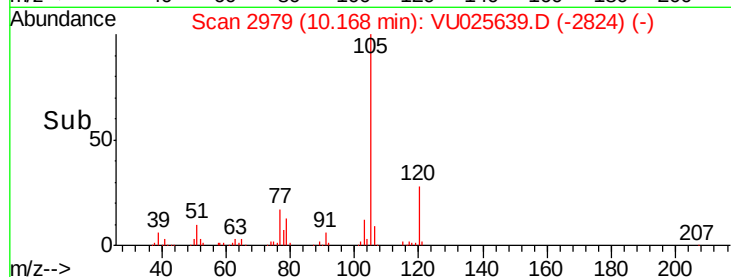
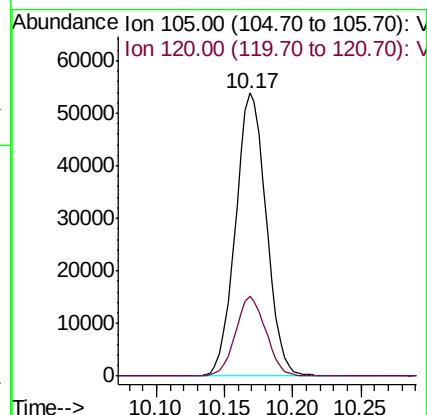
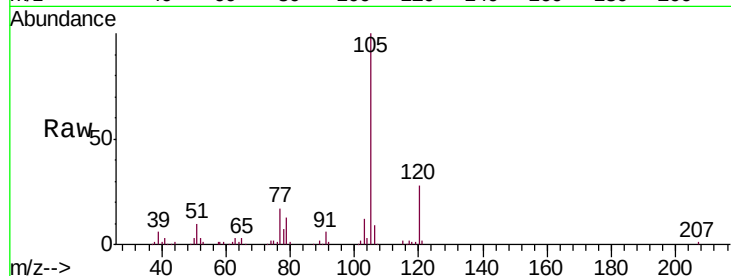
VU0725WBSD01

Tgt Ion:105 Resp: 84147

Ion Ratio Lower Upper

105 100

120 27.8 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 1.950 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

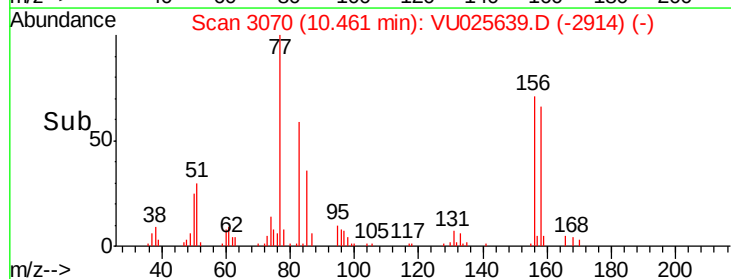
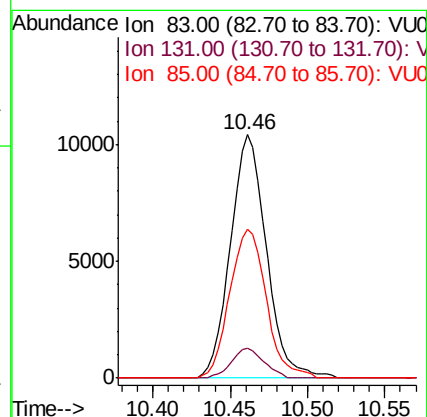
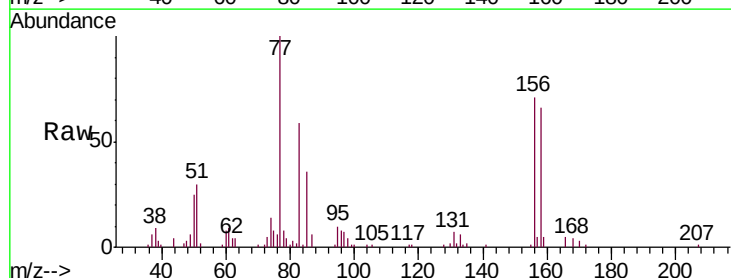
Tgt Ion: 83 Resp: 16789

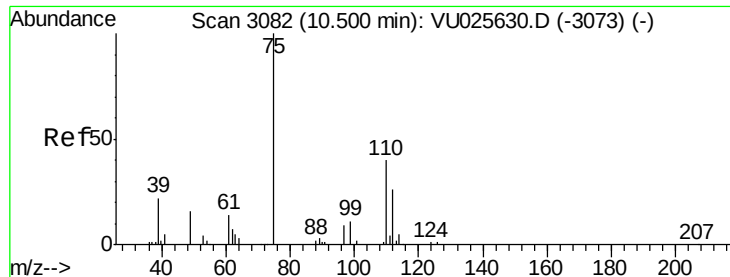
Ion Ratio Lower Upper

83 100

131 10.9 7.9 11.9

85 62.2 51.8 77.6

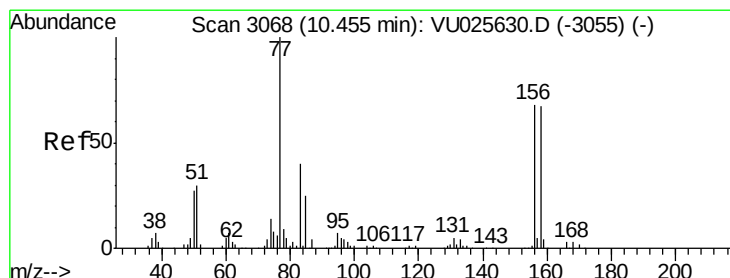
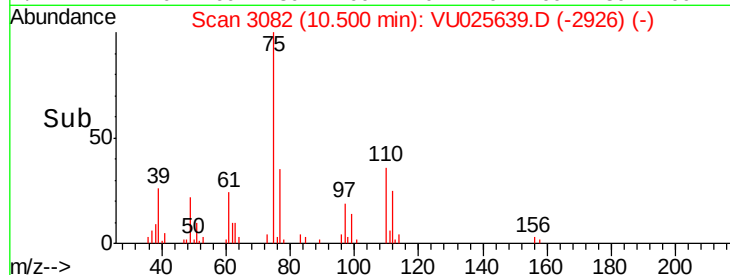
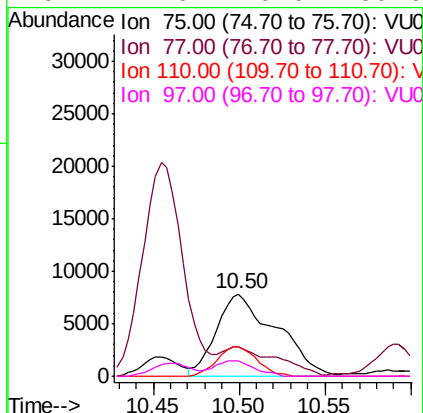
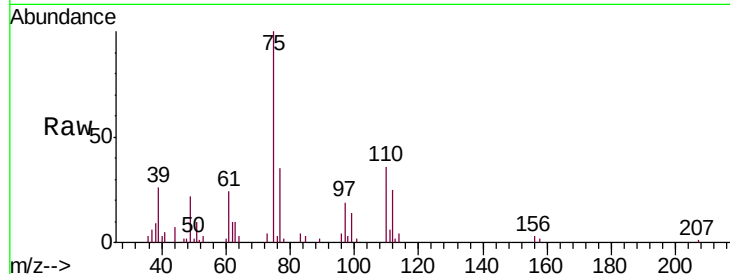




#71
 1,2,3-Trichloropropane
 Concen: 2.825 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

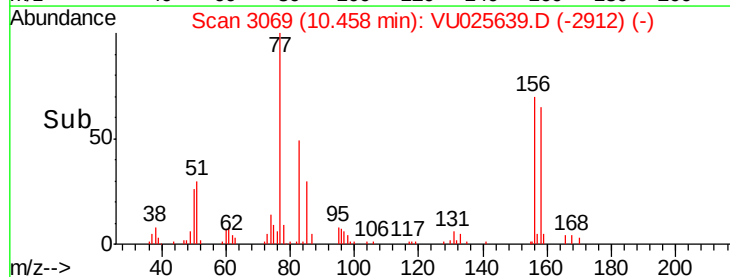
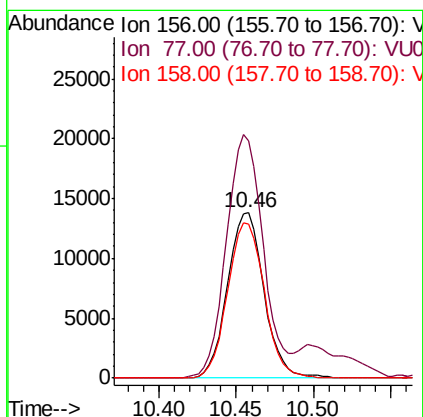
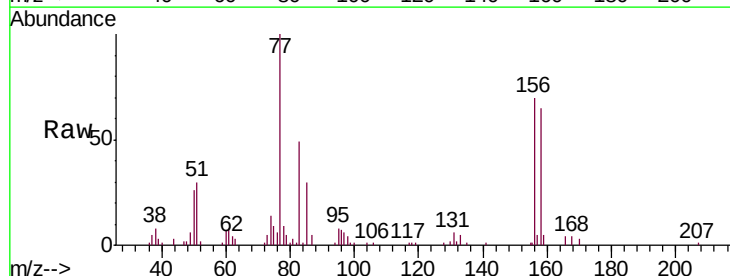
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

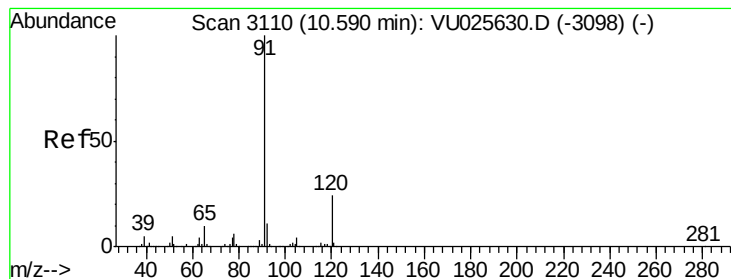
Tgt Ion: 75 Resp: 18963
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 0.0#
 110 23.9 0.0 74.0
 97 12.6 0.0 39.6



#72
 Bromobenzene
 Concen: 1.949 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 156 Resp: 22590
 Ion Ratio Lower Upper
 156 100
 77 148.2 0.0 309.8
 158 94.4 0.0 193.0





#73

n-propylbenzene

Concen: 1.978 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

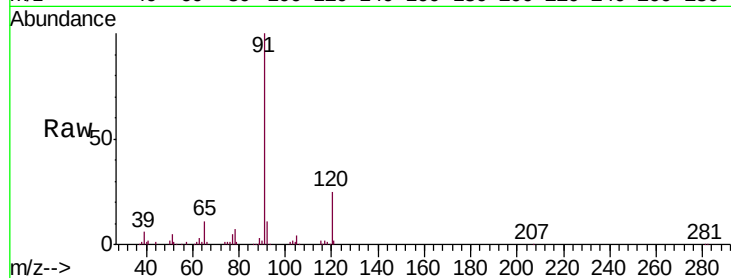
VU0725WBSD01

Tgt Ion:120 Resp: 24892

Ion Ratio Lower Upper

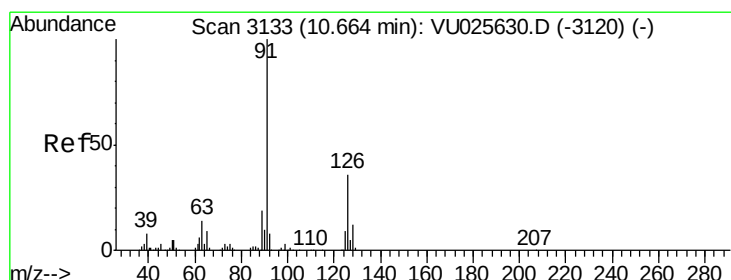
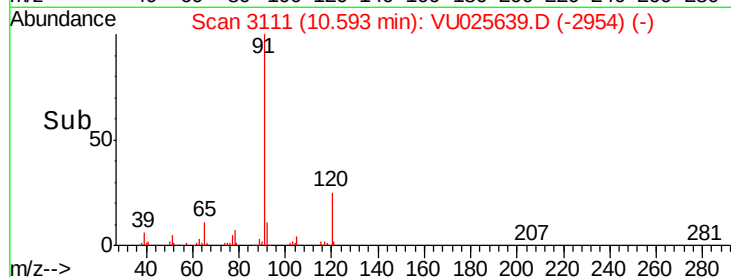
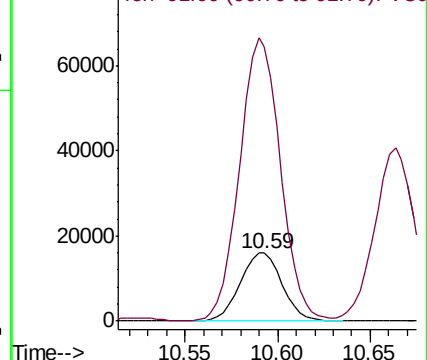
120 100

91 409.4 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.923 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025639.D

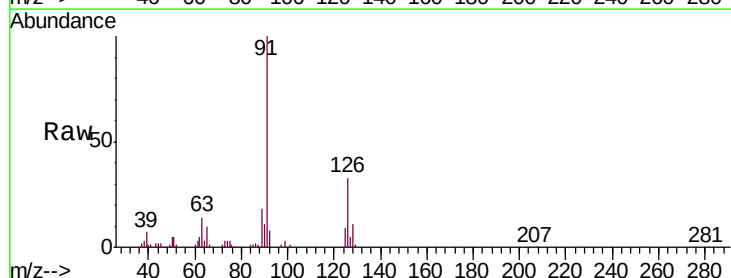
Acq: 25 Jul 2018 18:41

Tgt Ion:126 Resp: 21303

Ion Ratio Lower Upper

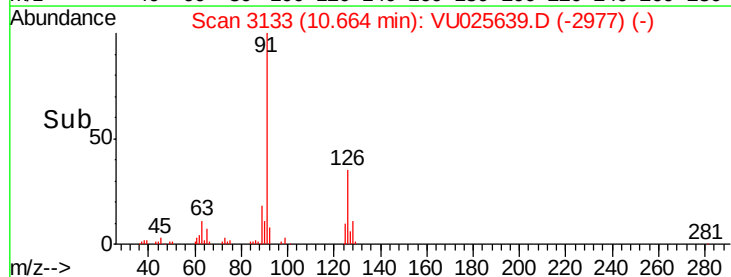
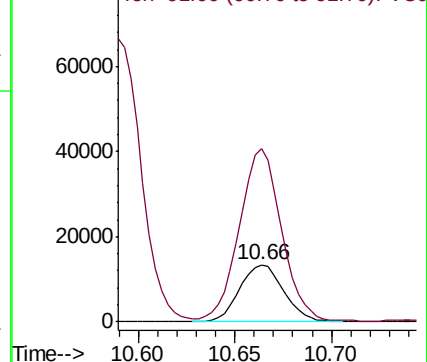
126 100

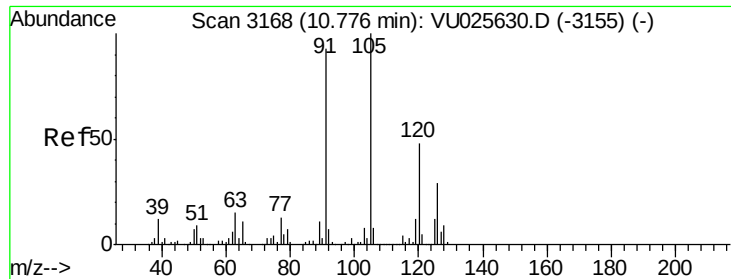
91 291.4 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.930 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

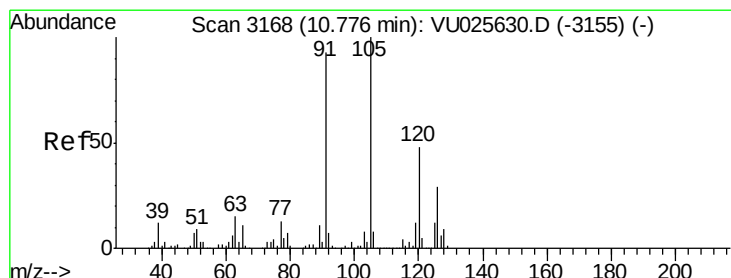
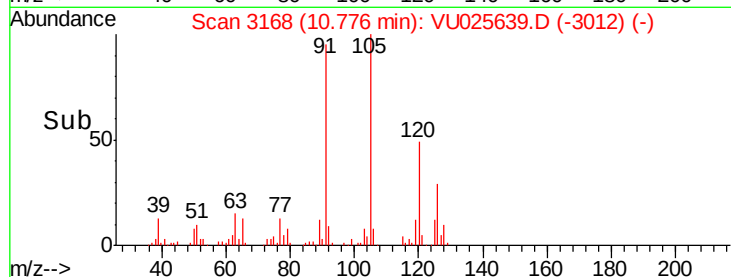
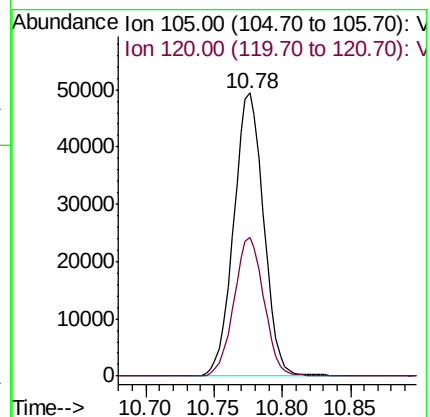
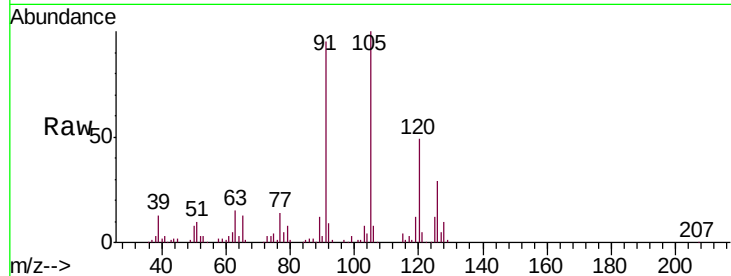
VU0725WBSD01

Tgt Ion:105 Resp: 75248

Ion Ratio Lower Upper

105 100

120 49.0 39.0 58.6



#76

4-Chlorotoluene

Concen: 1.904 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025639.D

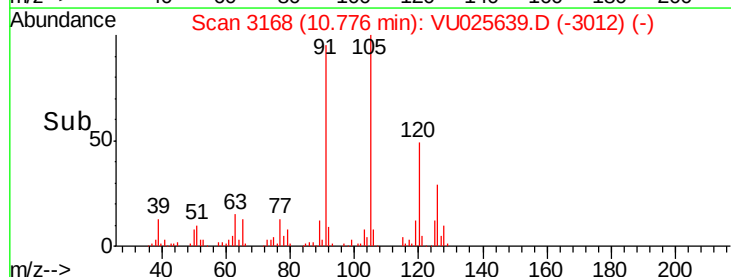
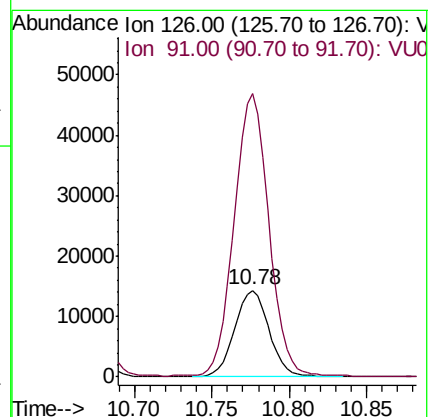
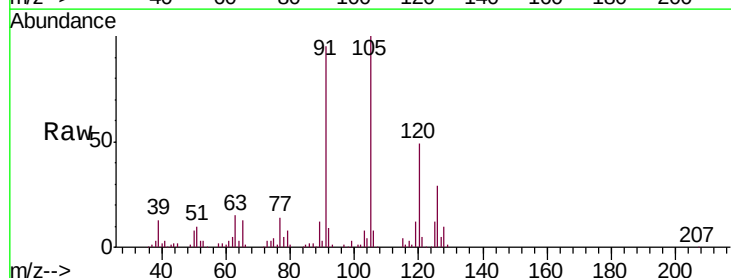
Acq: 25 Jul 2018 18:41

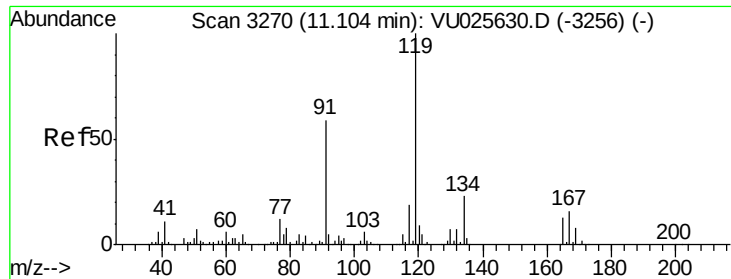
Tgt Ion:126 Resp: 22163

Ion Ratio Lower Upper

126 100

91 328.9 0.0 667.2





#77

tert-Butylbenzene

Concen: 1.855 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

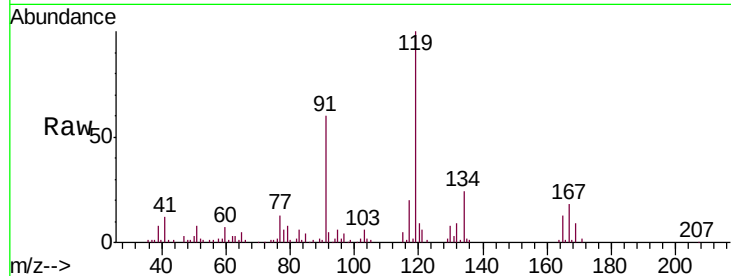
Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tgt Ion:119 Resp: 71311

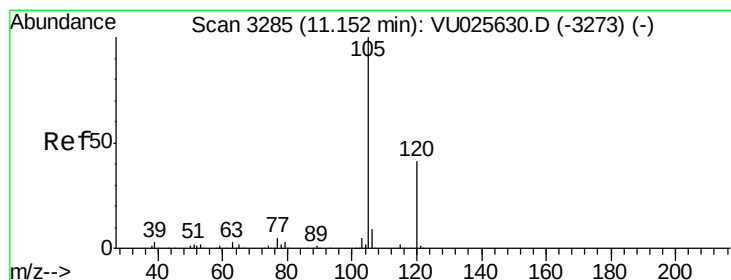
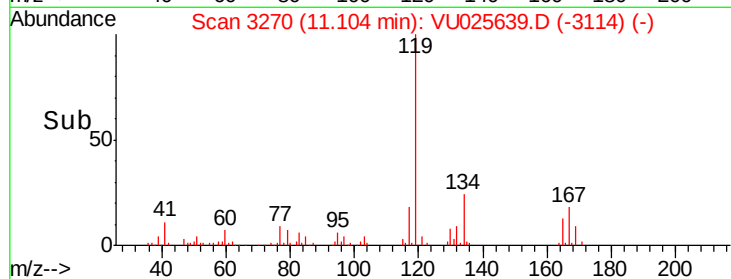
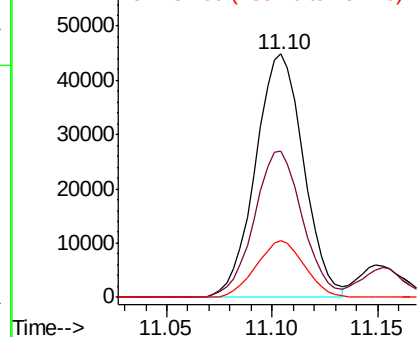
Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.6	88.8
134	23.2	19.1	28.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.881 ug/l

RT: 11.15 min Scan# 3285

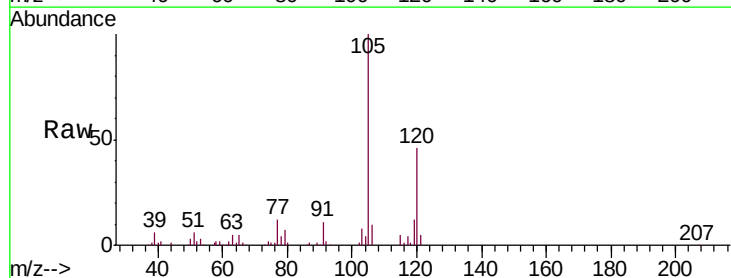
Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

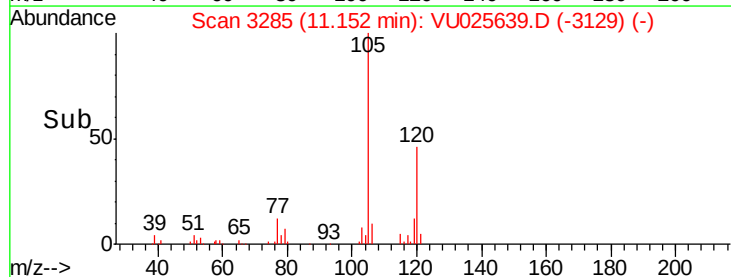
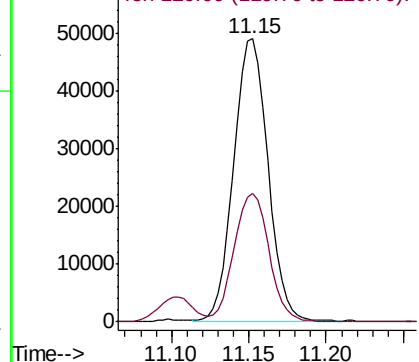
Tgt Ion:105 Resp: 74864

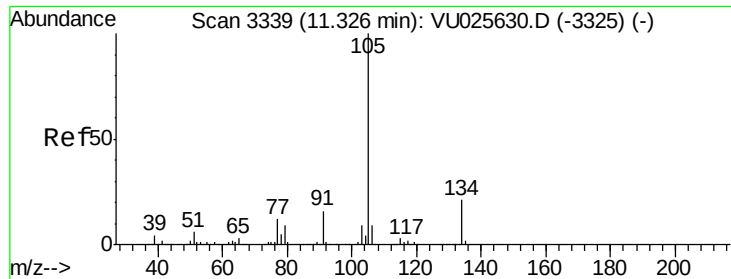
Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.899 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

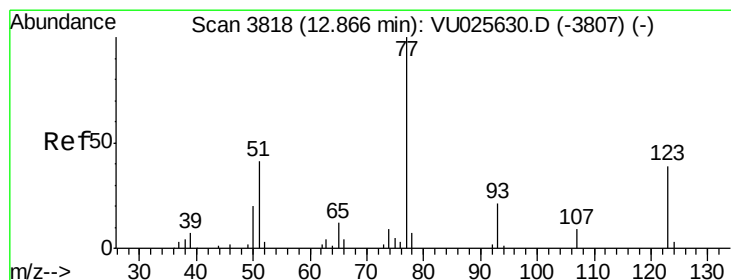
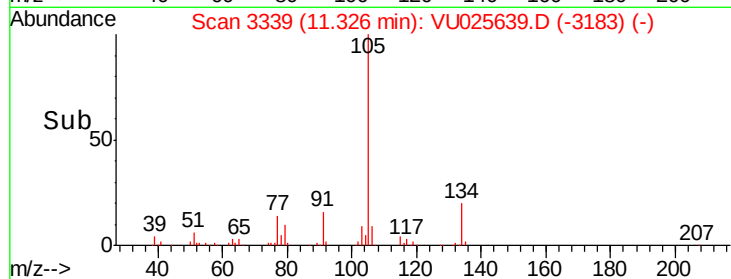
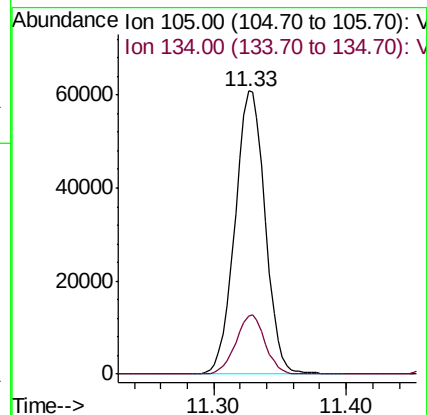
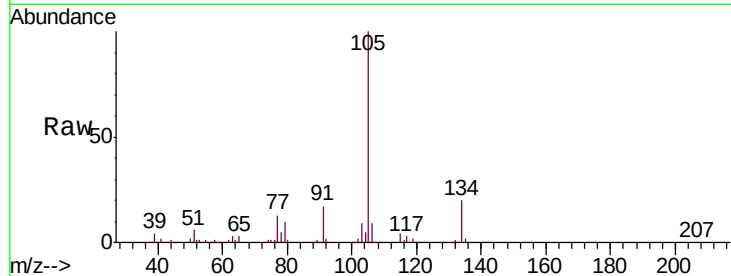
VU0725WBSD01

Tgt Ion:105 Resp: 95945

Ion Ratio Lower Upper

105 100

134 20.2 15.6 23.4



#80

Nitrobenzene

Concen: 8.290 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

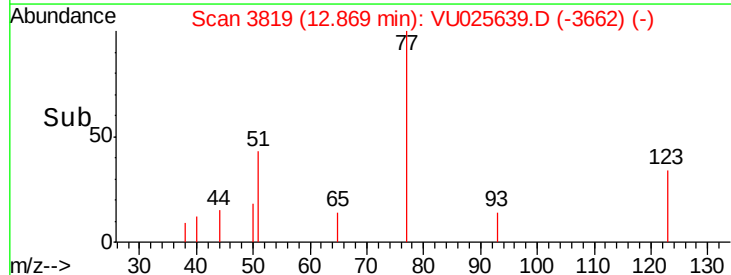
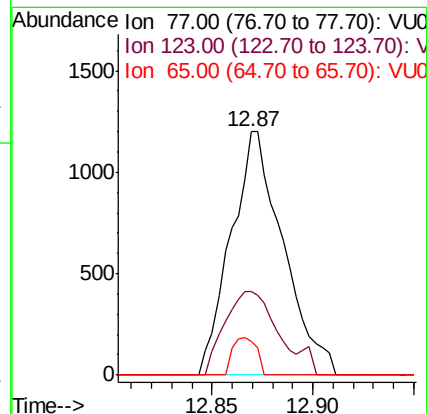
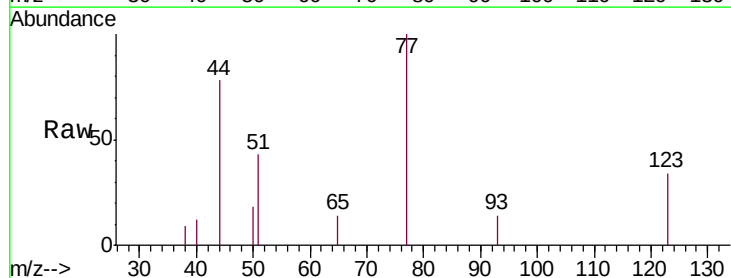
Tgt Ion: 77 Resp: 2173

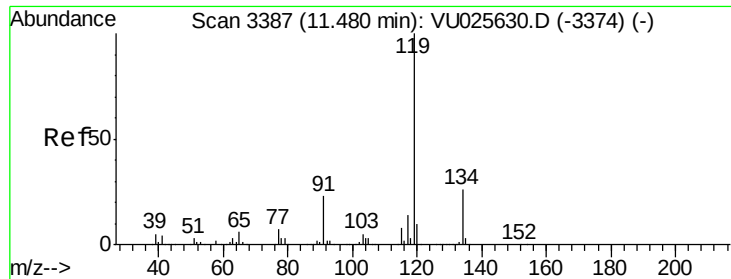
Ion Ratio Lower Upper

77 100

123 35.5 19.4 68.6

65 7.0 11.2 14.2#

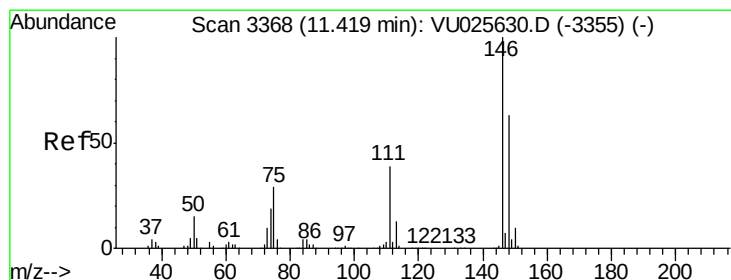
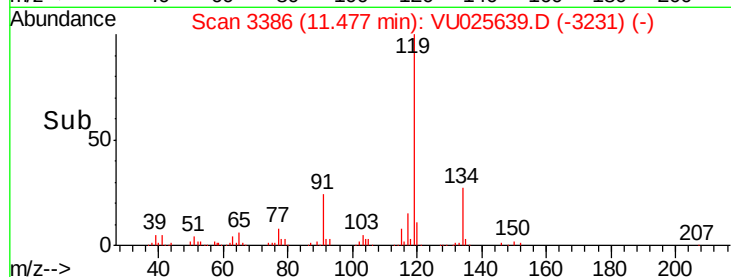
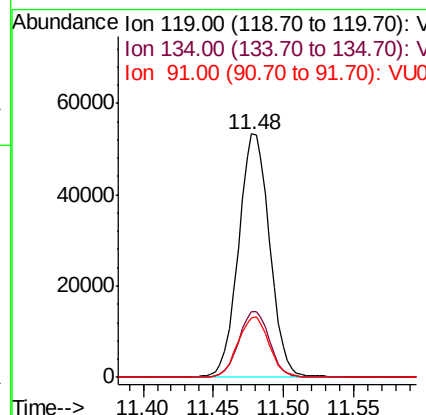
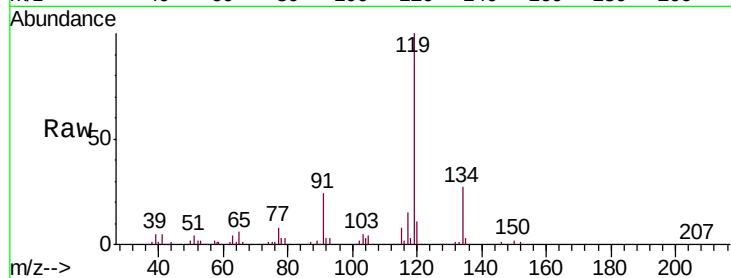




#81
 p-Isopropyltoluene
 Concen: 1.928 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

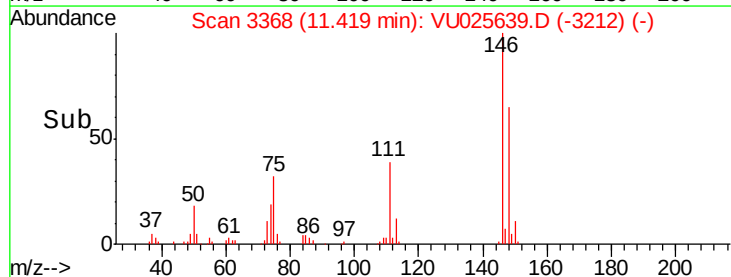
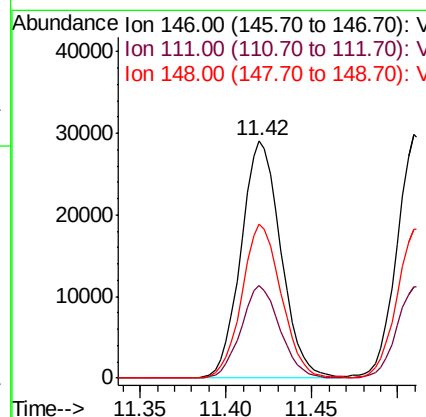
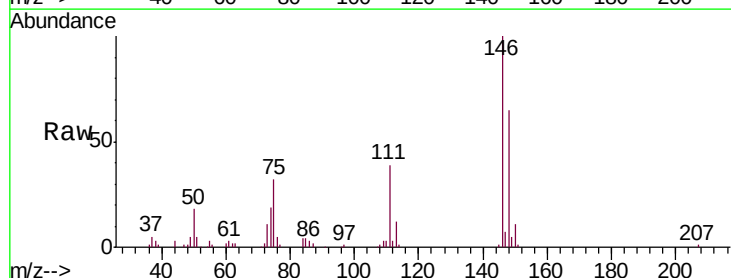
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

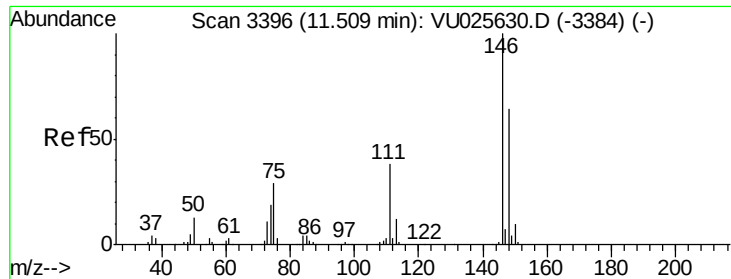
Tgt Ion:119 Resp: 82603
 Ion Ratio Lower Upper
 119 100
 134 26.8 20.9 31.3
 91 24.9 18.2 27.2



#82
 1,3-Dichlorobenzene
 Concen: 1.959 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion:146 Resp: 46709
 Ion Ratio Lower Upper
 146 100
 111 37.8 31.8 47.6
 148 64.4 51.0 76.4

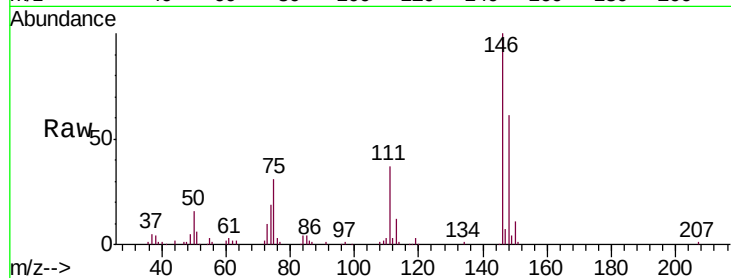




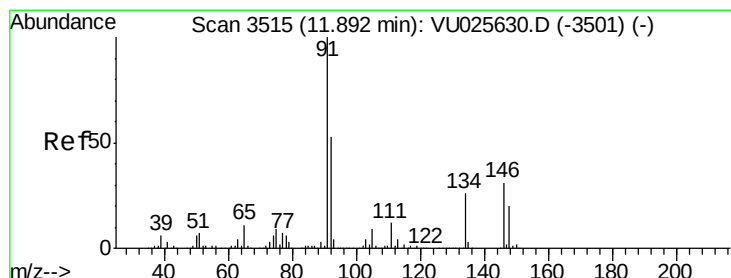
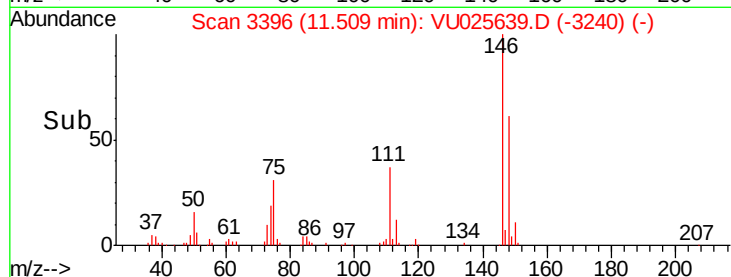
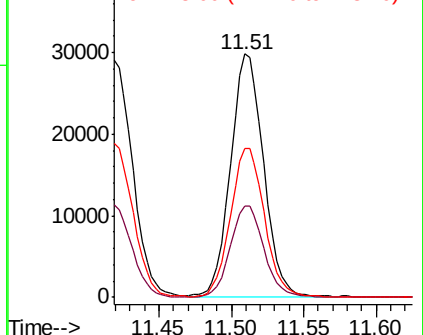
#83
 1,4-Dichlorobenzene
 Concen: 2.009 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tgt Ion:146 Resp: 46711
 Ion Ratio Lower Upper
 146 100
 111 38.4 30.1 45.1
 148 63.7 50.6 76.0

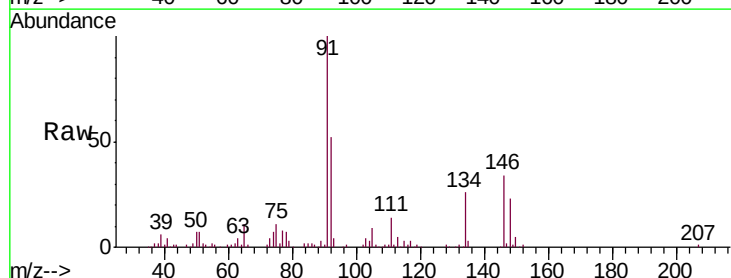


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

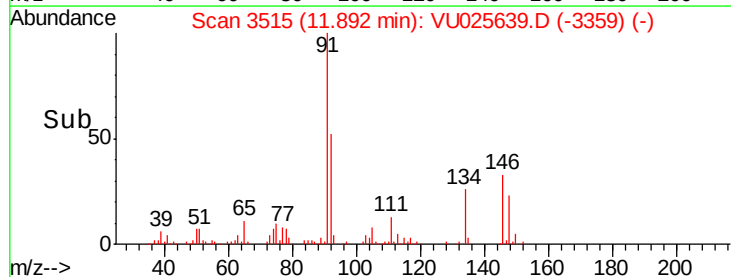
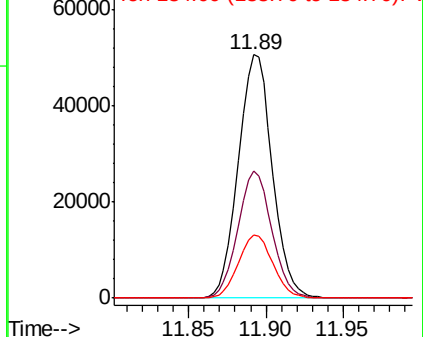


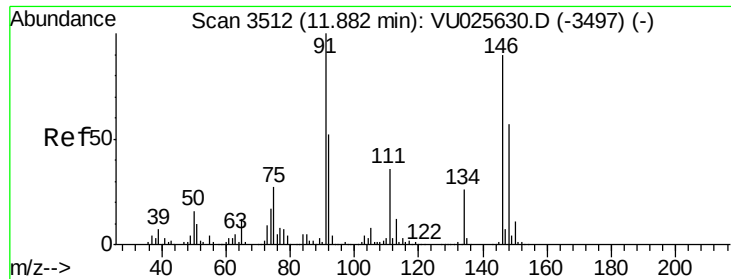
#84
 n-Butylbenzene
 Concen: 1.922 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 91 Resp: 77264
 Ion Ratio Lower Upper
 91 100
 92 51.8 42.2 63.2
 134 26.2 20.3 30.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

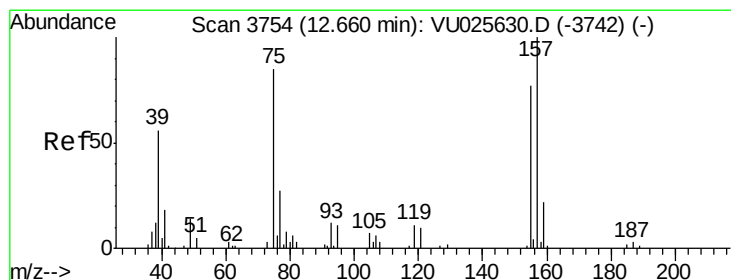
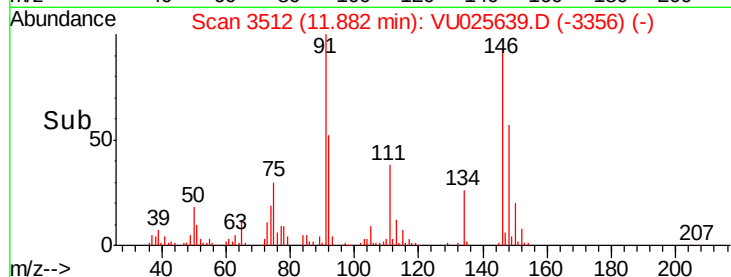
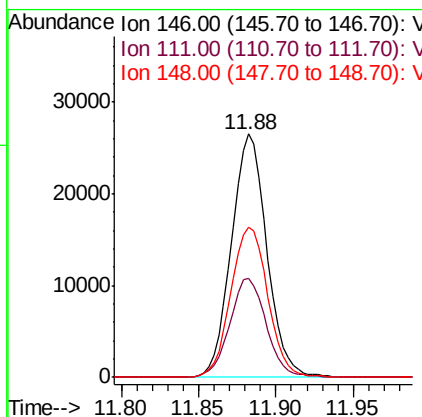
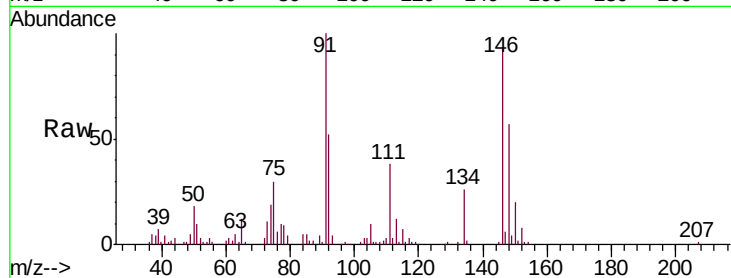




#85
 1,2-Dichlorobenzene
 Concen: 1.934 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

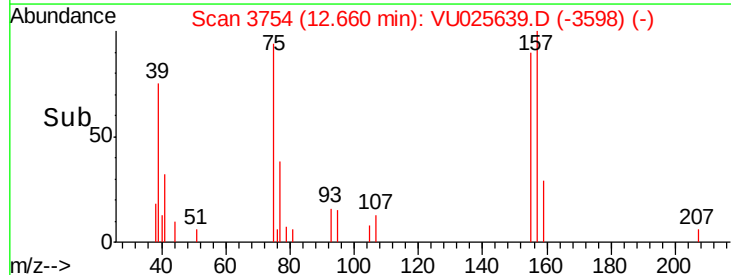
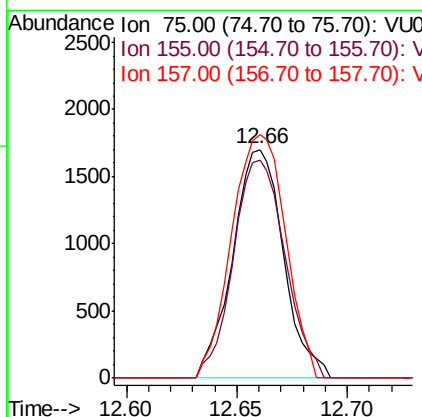
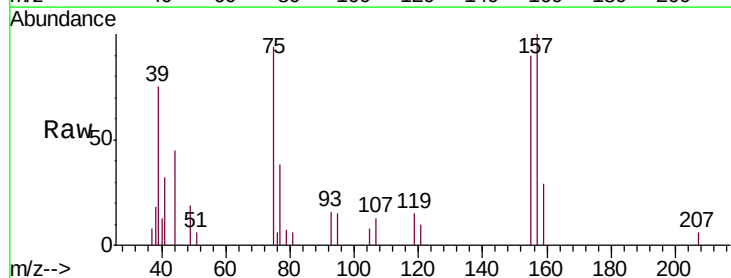
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

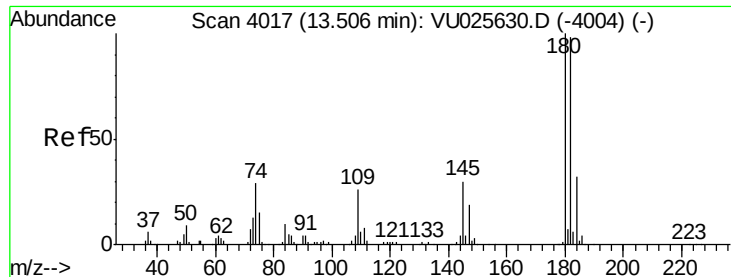
Tgt Ion: 146 Resp: 42121
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.7 62.1
 148 64.5 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.924 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion: 75 Resp: 2734
 Ion Ratio Lower Upper
 75 100
 155 96.9 65.8 98.6
 157 112.7 83.5 125.3

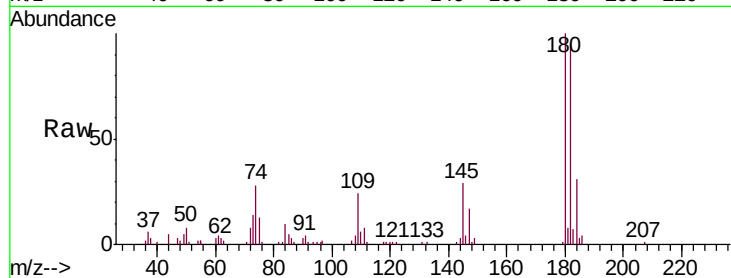




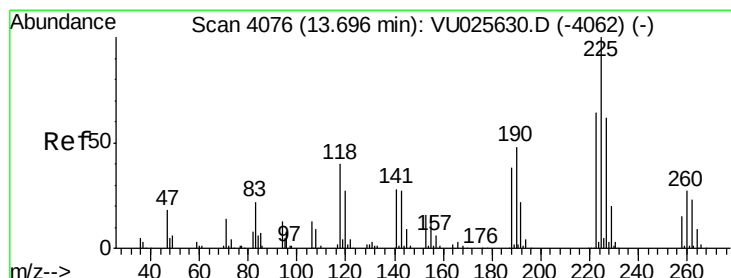
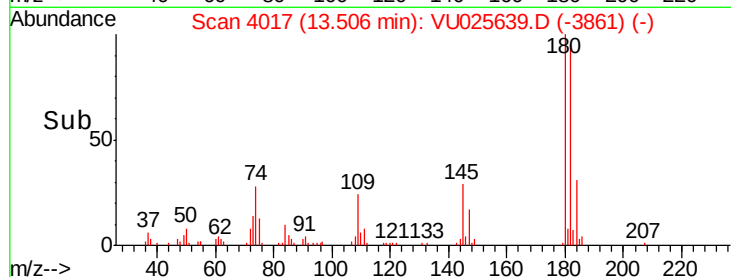
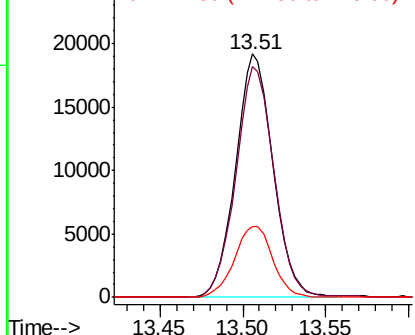
#87
 1,2,4-Trichlorobenzene
 Concen: 1.994 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tgt Ion:180 Resp: 30225
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 145 29.6 23.3 34.9

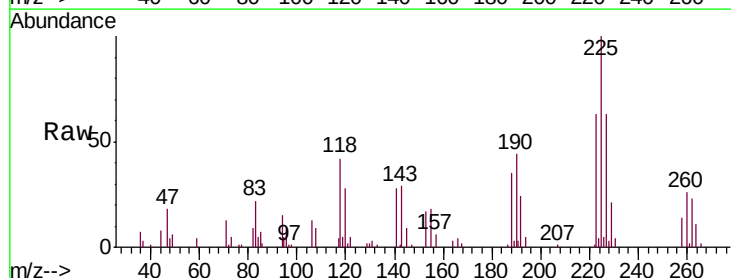


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

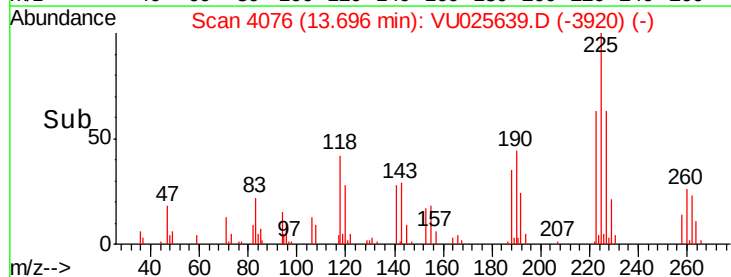
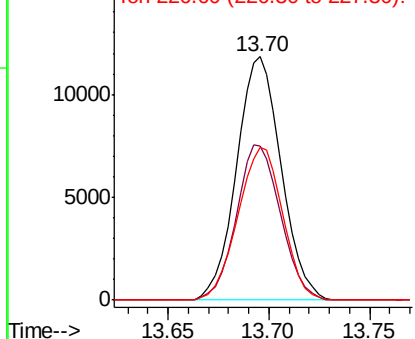


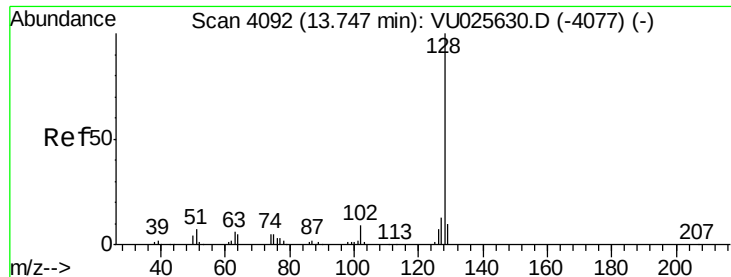
#88
 Hexachlorobutadiene
 Concen: 1.969 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion:225 Resp: 18339
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.6 75.8
 227 62.8 51.8 77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.853 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

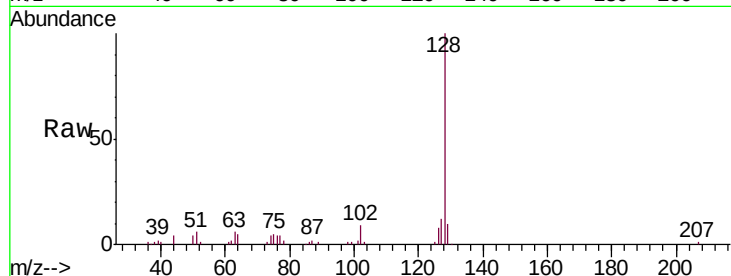
Tgt Ion:128 Resp: 45599

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

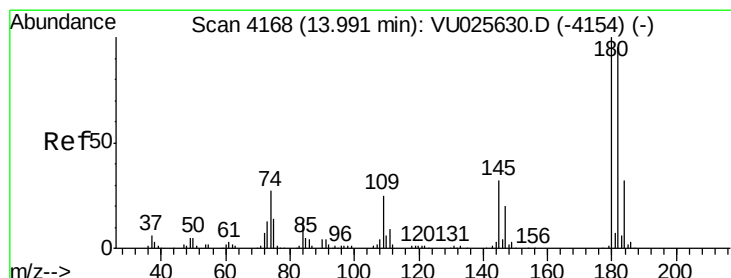
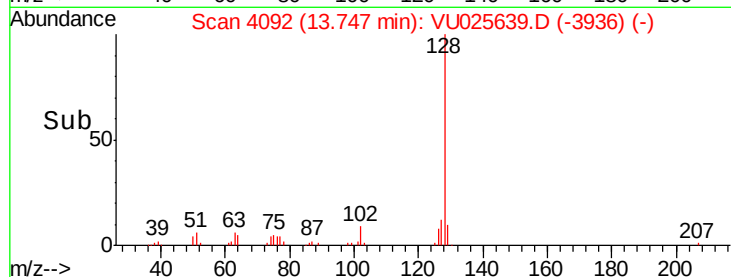
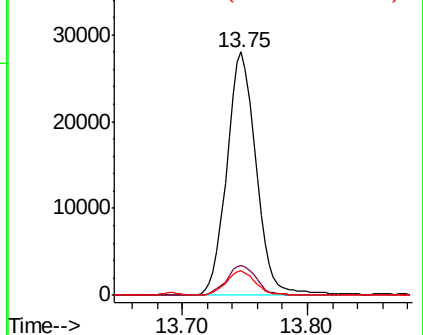
129 10.2 8.7 13.1



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



#90

1,2,3-Trichlorobenzene

Concen: 1.969 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

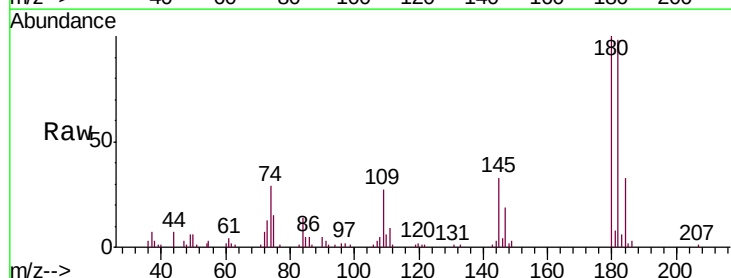
Tgt Ion:180 Resp: 27276

Ion Ratio Lower Upper

180 100

182 97.3 76.8 115.2

145 31.6 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

