

Data File : VU025634.D
Acq On : 25 Jul 2018 13:54
Operator : MD/SY
Sample : VU0725WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Quant Time: Jul 26 02:22:37 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	36554	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13552	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	15384	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	25616	1.965 ug/l	99
3) Chloromethane	1.33	50	24441	1.983 ug/l	98
4) Vinyl Chloride	1.41	62	21874	1.918 ug/l	98
5) Bromomethane	1.63	94	10181	1.833 ug/l	99
6) Chloroethane	1.70	64	13354	1.951 ug/l	98
7) Trichlorofluoromethane	1.89	101	32208	1.936 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17926	1.963 ug/l	99
9) 1,1-Dichloroethene	2.29	96	15969	1.982 ug/l	91
10) Iodomethane	2.41	142	8505	1.830 ug/l	90
11) Allyl Chloride	2.60	41	26347	1.956 ug/l #	80
12) Acrylonitrile	2.94	53	7218	4.063 ug/l	96
13) Acetone	2.32	43	15831	10.246 ug/l	95
14) Carbon Disulfide	2.48	76	52888	1.919 ug/l	98
15) Methylene Chloride	2.70	84	18462	1.922 ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	17895	1.980 ug/l	94
17) 1,1-Dichloroethane	3.45	63	33885	1.891 ug/l	97
18) 2-Butanone	4.28	43	25406	9.476 ug/l	94
19) Cyclohexane	4.99	56	26668	1.930 ug/l	86
20) Methylcyclohexane	6.42	83	32683	1.928 ug/l	93
21) 2,2-Dichloropropane	4.23	77	35180	2.059 ug/l	97
22) cis-1,2-Dichloroethene	4.23	96	22924	2.015 ug/l	91
23) Diethyl Ether	2.11	59	11957	1.959 ug/l	99
24) tert-Butyl Alcohol	2.84	59	14287	19.926 ug/l #	80
25) Methyl tert-Butyl Ether	3.01	73	41646	1.911 ug/l	95
26) Bromochloromethane	4.55	128	9778	1.952 ug/l	81
27) Chloroform	4.68	83	37163	1.887 ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	33309	1.875 ug/l	98
29) 1,1-Dichloropropene	5.14	75	28765	1.975 ug/l	99
30) Carbon Tetrachloride	5.13	117	30375	1.883 ug/l	94
31) Isopropyl Ether	3.58	45	55575	1.936 ug/l	95
32) Ethyl-t-butyl ether	4.08	59	51600	1.891 ug/l	95
33) Tert-Amyl methyl ether	5.59	73	45105	1.872 ug/l	98
34) Propionitrile	4.34	54	7200	9.665 ug/l #	85
35) Benzene	5.39	78	77981	1.915 ug/l	99
36) 1,2-Dichloroethane	5.41	62	24923	1.993 ug/l	97
37) Trichloroethene	6.19	130	22186	1.849 ug/l	100
38) 1,2-Dichloropropane	6.44	63	19653	1.860 ug/l	98
39) Methacrylonitrile	4.56	41	6695	1.952 ug/l	93
40) Methyl acrylate	4.43	55	10532	2.036 ug/l	98
41) Tetrahydrofuran	4.65	42	7130	3.518 ug/l	96
42) 1-Chlorobutane	5.07	56	37656	1.896 ug/l	96

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10234	1.855	ug/l	99
44) Bromodichloromethane	6.76	83	26034	1.862	ug/l	93
45) 4-Methyl-2-Pentanone	7.47	43	59109	9.608	ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	11352	5.512	ug/l #	68
47) Methyl methacrylate	6.63	69	17392	3.770	ug/l #	92
48) Ethyl methacrylate	8.02	69	16801	1.813	ug/l	97
49) Toluene	7.64	92	47764	1.919	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	24192	1.917	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	28540	1.888	ug/l	94
52) 1,1,2-Trichloroethane	8.07	97	13859	1.874	ug/l	98
53) 1,3-Dichloropropane	8.25	76	24611	1.971	ug/l	98
54) 2-Hexanone	8.37	43	40728	9.374	ug/l	99
55) Dibromochloromethane	8.48	129	17538	1.865	ug/l	100
56) 1,2-Dibromoethane	8.59	107	14457	2.020	ug/l	97
58) Tetrachloroethene	8.23	164	21298	1.975	ug/l	96
59) Chlorobenzene	9.12	112	55488	1.939	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	20330	1.913	ug/l	98
61) Pentachloroethane	11.10	117	15607	1.924	ug/l	100
62) Hexachloroethane	12.15	117	15305	1.848	ug/l	95
63) Ethyl Benzene	9.25	91	91674	1.926	ug/l	99
64) m/p-Xylenes	9.38	106	71146	3.802	ug/l	100
65) o-Xylene	9.78	106	34101	1.912	ug/l	99
66) Styrene	9.80	104	57107	1.886	ug/l	98
67) Bromoform	9.96	173	9771	1.761	ug/l #	96
69) Isopropylbenzene	10.17	105	91767	1.905	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	17273	1.859	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	11352	1.567	ug/l #	94
72) Bromobenzene	10.46	156	23518	1.880	ug/l	98
73) n-propylbenzene	10.59	120	25921	1.909	ug/l	97
74) 2-Chlorotoluene	10.66	126	22942	1.919	ug/l	91
75) 1,3,5-Trimethylbenzene	10.78	105	80782	1.920	ug/l	99
76) 4-Chlorotoluene	10.78	126	23761	1.891	ug/l	96
77) tert-Butylbenzene	11.10	119	76889	1.854	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	81705	1.903	ug/l	100
79) sec-Butylbenzene	11.33	105	104598	1.919	ug/l	100
80) Nitrobenzene	12.87	77	2937	10.383	ug/l #	82
81) p-Isopropyltoluene	11.48	119	86560	1.873	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	49978	1.942	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	48658	1.939	ug/l	96
84) n-Butylbenzene	11.90	91	84166	1.941	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	46618	1.984	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2991	1.951	ug/l	98
87) 1,2,4-Trichlorobenzene	13.51	180	36013	2.201	ug/l	96
88) Hexachlorobutadiene	13.70	225	20184	2.008	ug/l	97
89) Naphthalene	13.75	128	47844	1.802	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	29002	1.940	ug/l	99

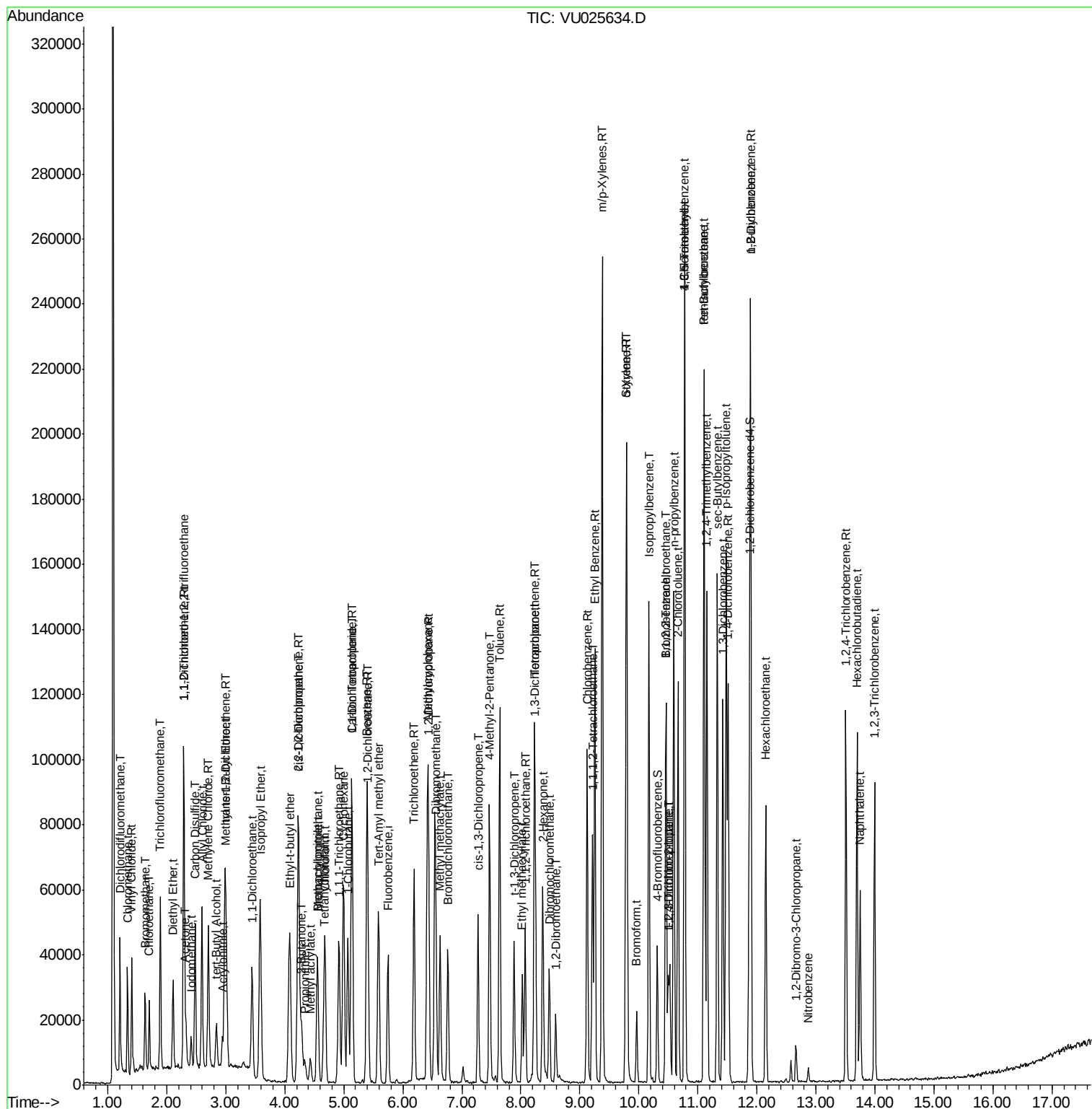
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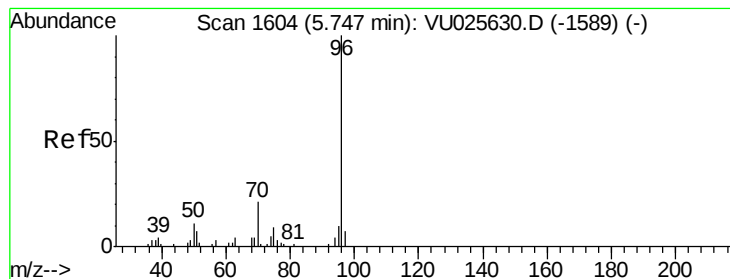
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tgt Ion: 96 Resp: 36554

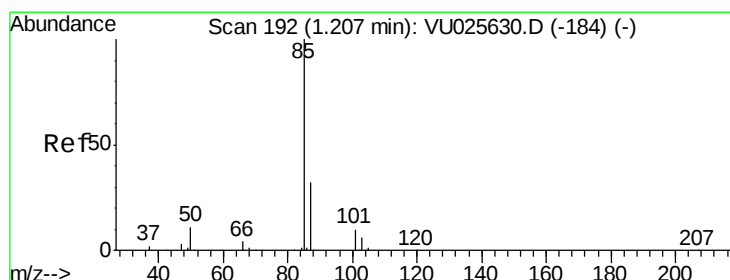
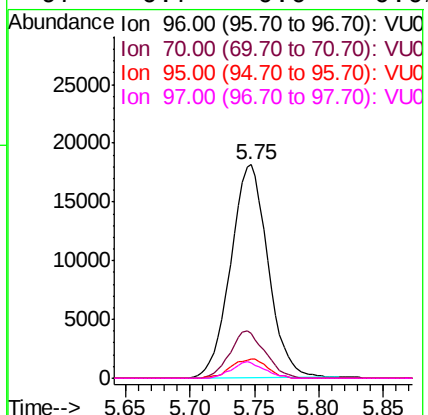
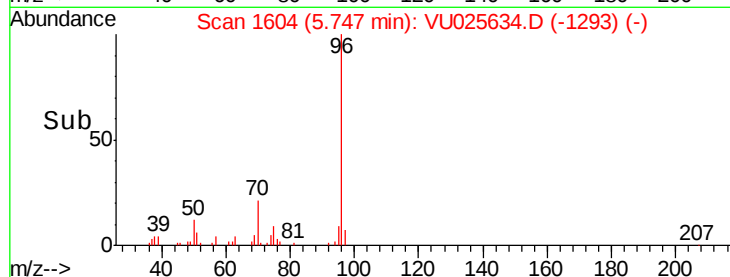
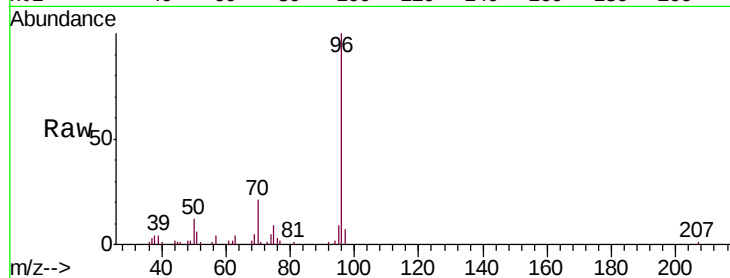
Ion Ratio Lower Upper

96 100

70 20.8 16.2 24.4

95 8.8 6.9 10.3

97 6.7 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025634.D

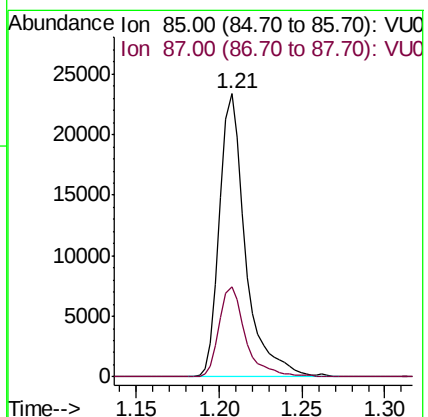
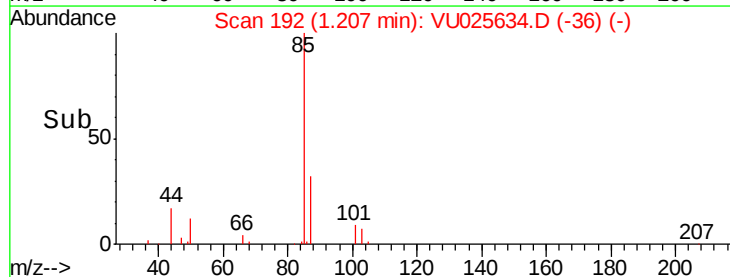
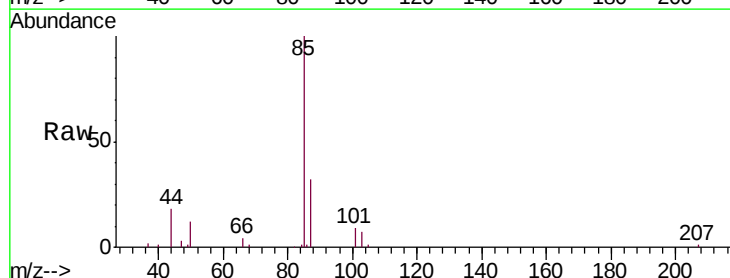
Acq: 25 Jul 2018 13:54

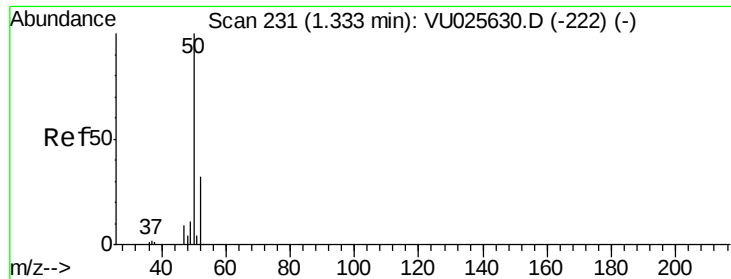
Tgt Ion: 85 Resp: 25616

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5





#3

Chloromethane

Concen: 1.983 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

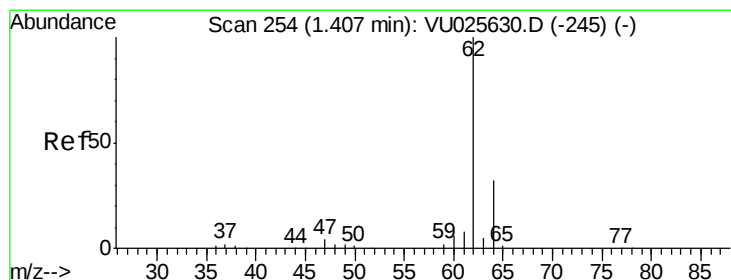
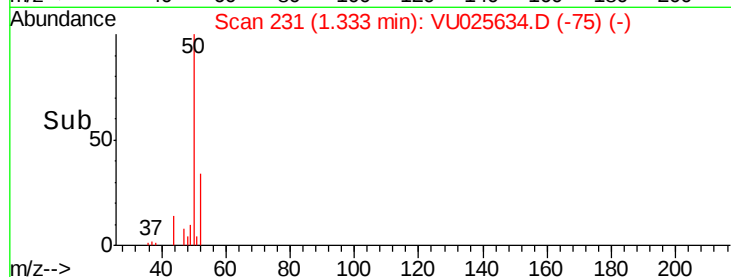
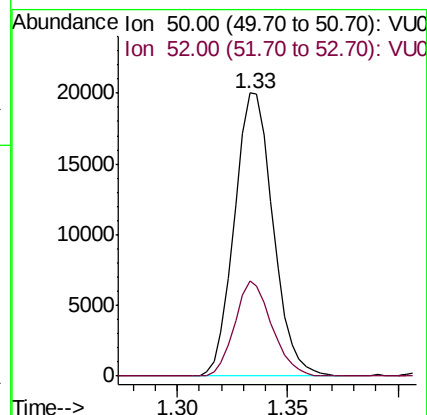
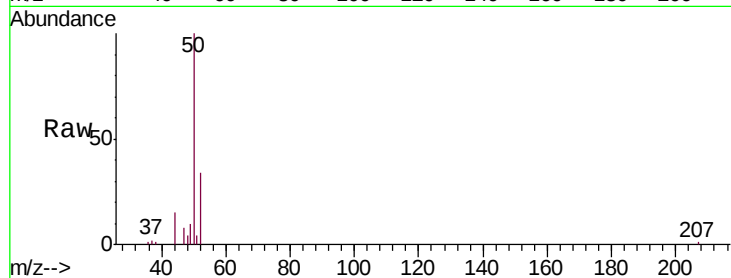
VU0725WBS01

Tgt Ion: 50 Resp: 24441

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 1.918 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025634.D

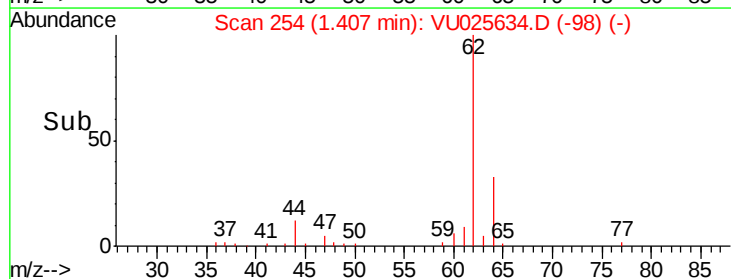
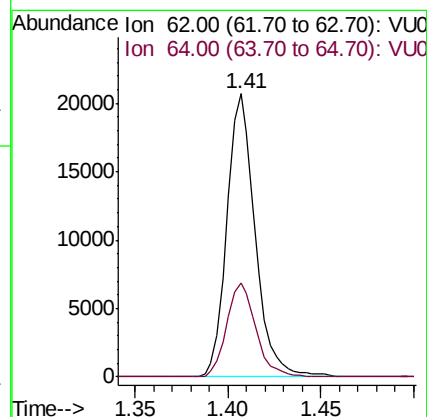
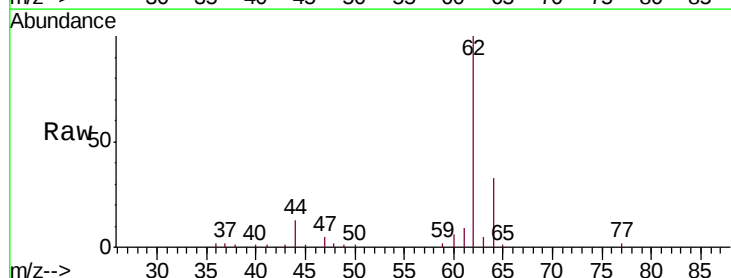
Acq: 25 Jul 2018 13:54

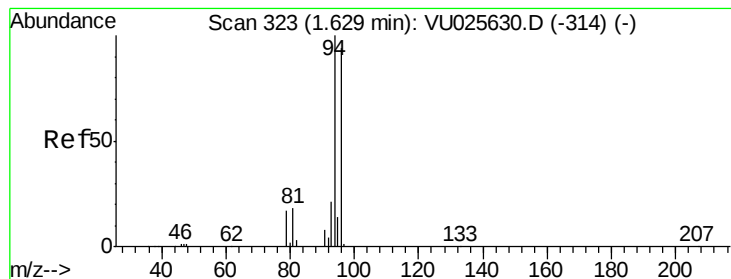
Tgt Ion: 62 Resp: 21874

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 1.833 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

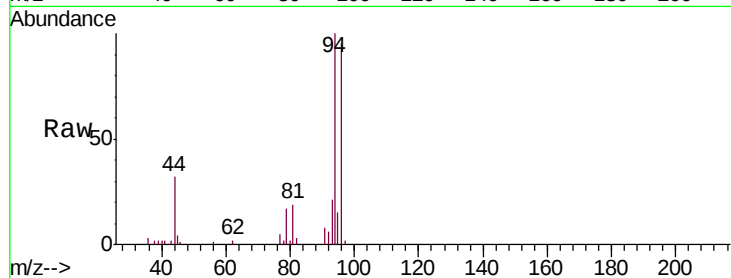
VU0725WBS01

Tgt Ion: 94 Resp: 10181

Ion Ratio Lower Upper

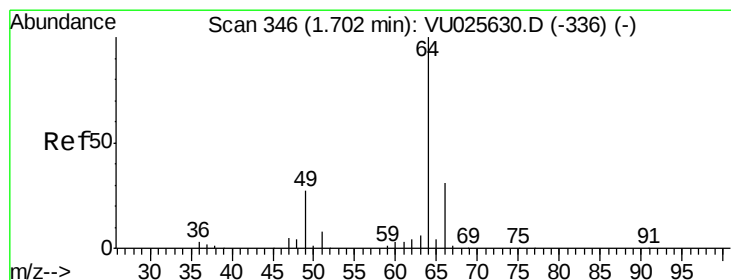
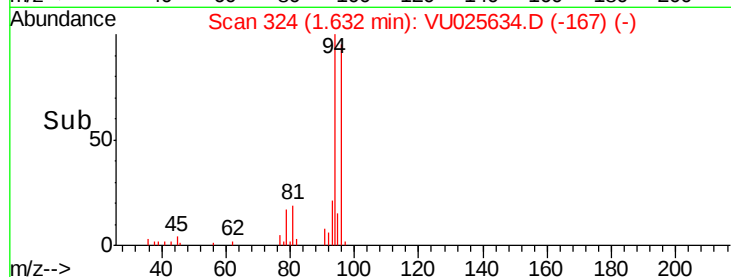
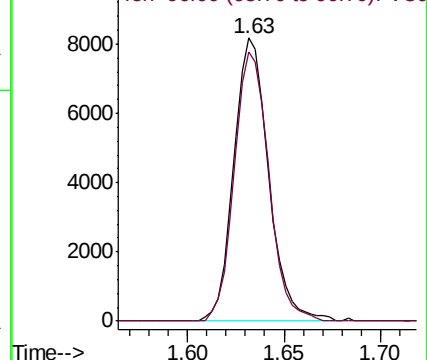
94 100

96 95.2 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: 1.951 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025634.D

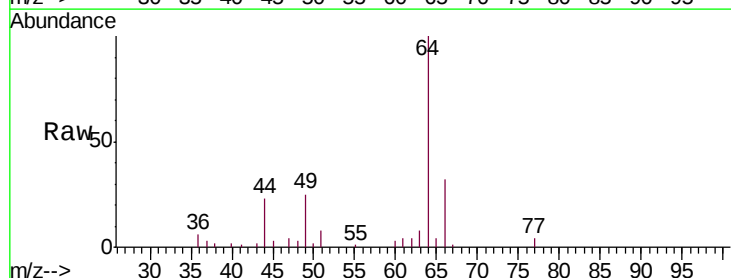
Acq: 25 Jul 2018 13:54

Tgt Ion: 64 Resp: 13354

Ion Ratio Lower Upper

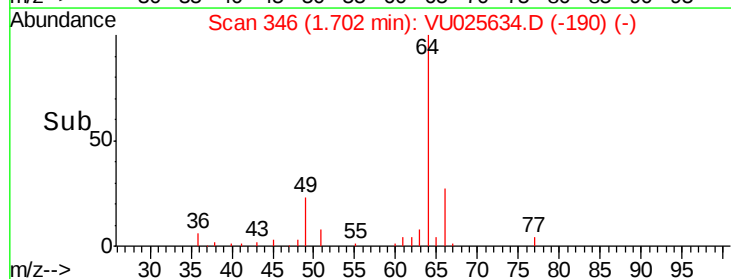
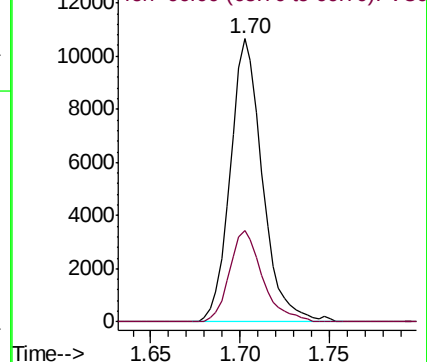
64 100

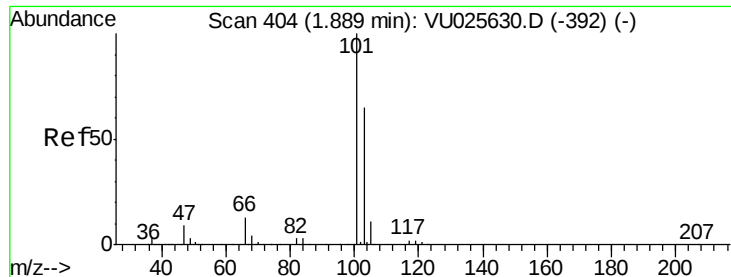
66 32.2 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



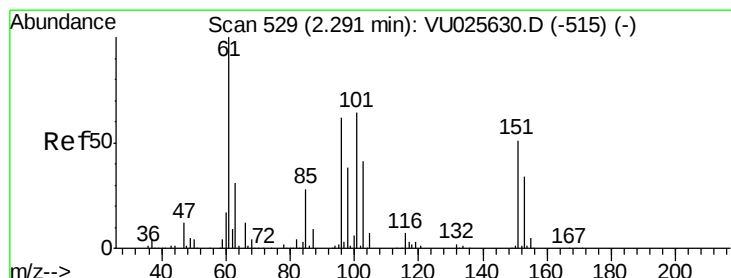
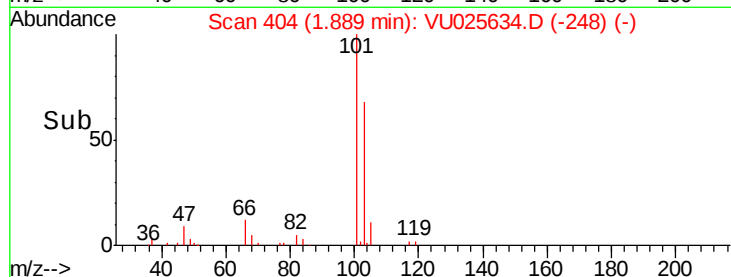
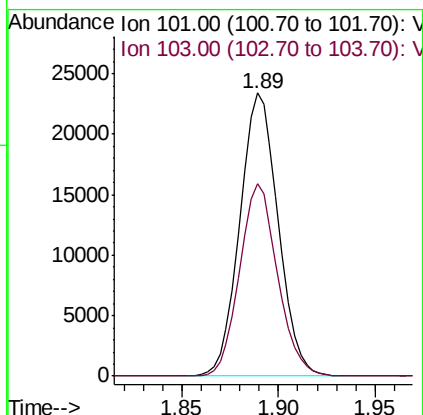
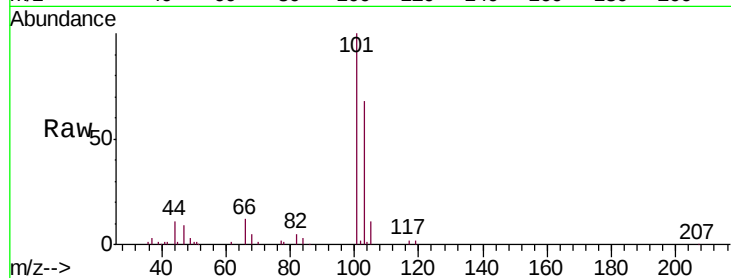


#7

Trichlorofluoromethane
 Concen: 1.936 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

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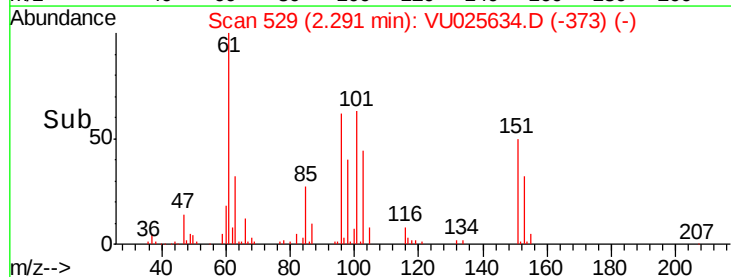
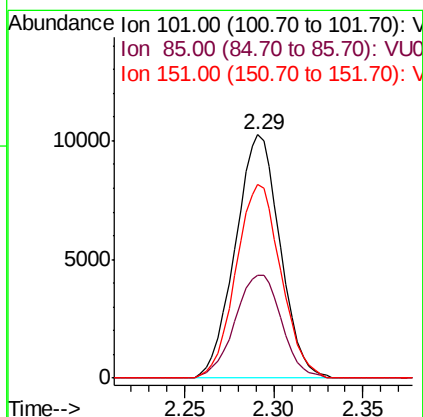
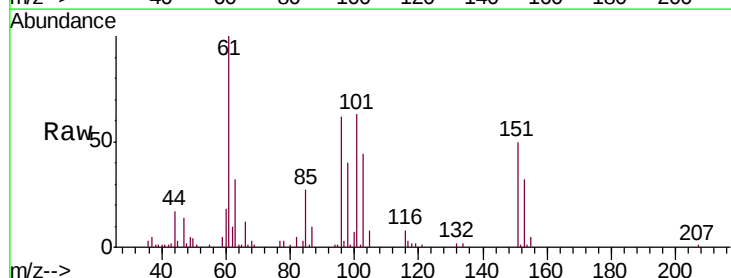
Tgt Ion:101 Resp: 32208
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.4 77.0

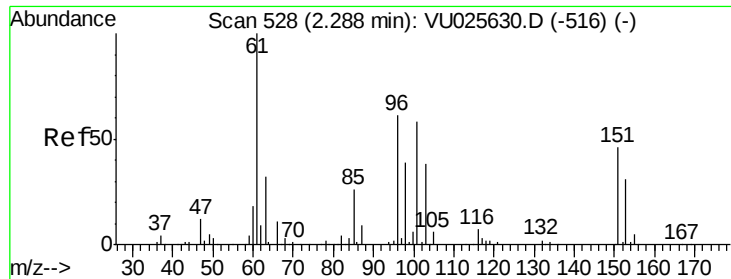


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.963 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion:101 Resp: 17926
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.2 52.8
 151 80.1 63.5 95.3





#9

1,1-Dichloroethene

Concen: 1.982 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

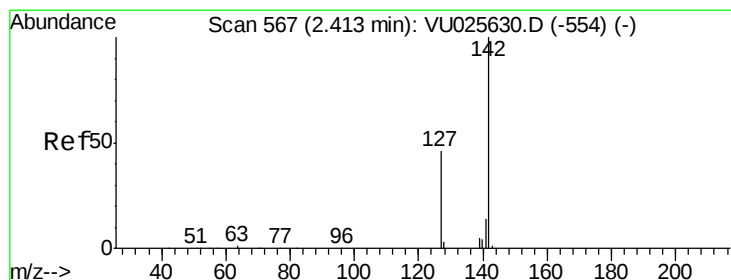
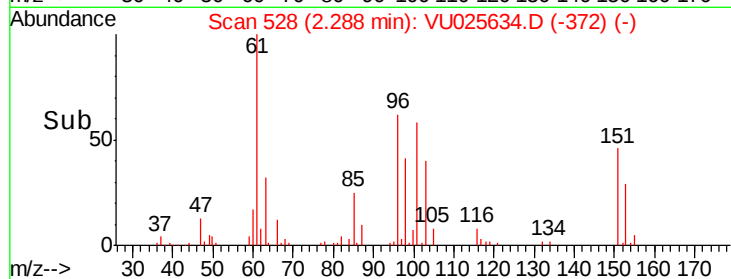
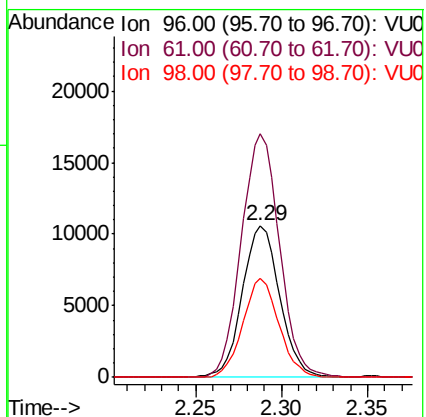
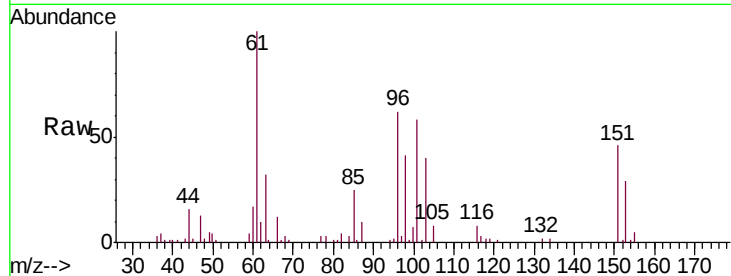
Tgt Ion: 96 Resp: 15969

Ion Ratio Lower Upper

96 100

61 160.6 0.0 526.5

98 65.1 0.0 123.4



#10

Iodomethane

Concen: 1.830 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025634.D

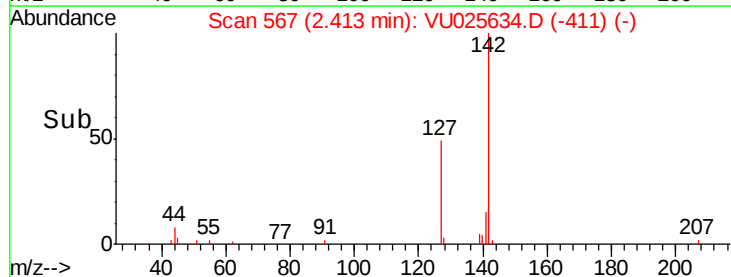
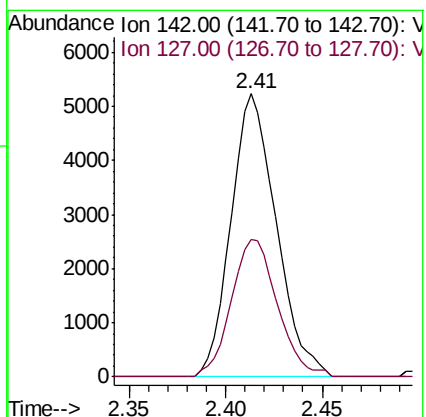
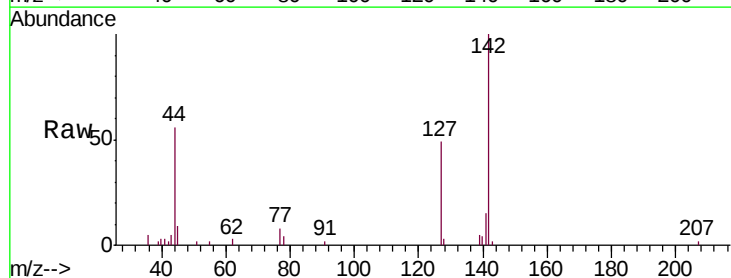
Acq: 25 Jul 2018 13:54

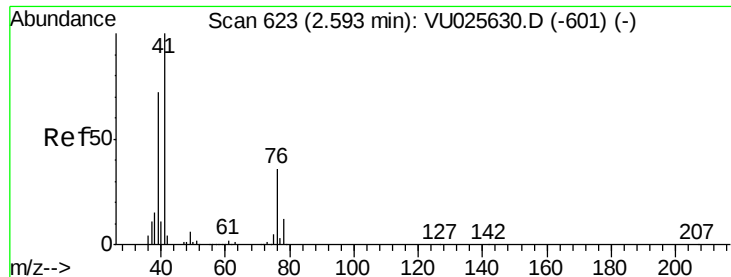
Tgt Ion: 142 Resp: 8505

Ion Ratio Lower Upper

142 100

127 49.5 34.5 51.7

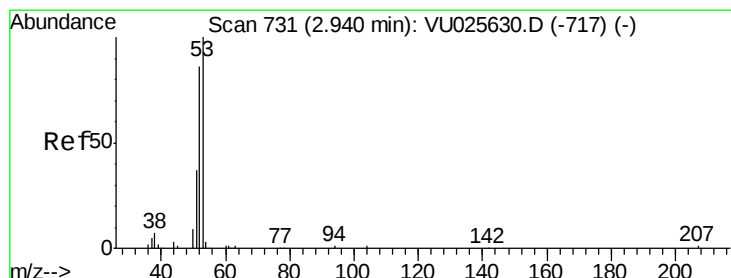
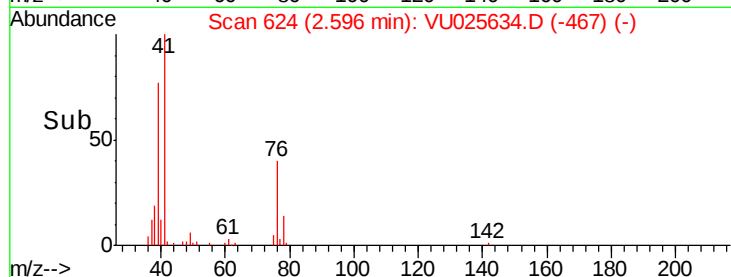
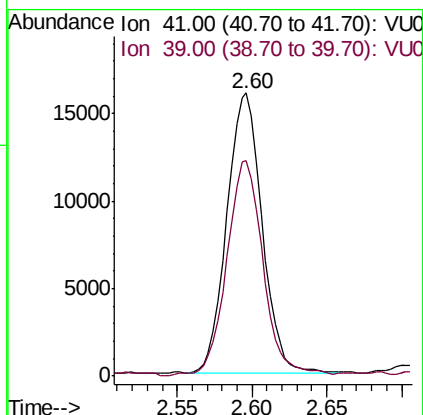
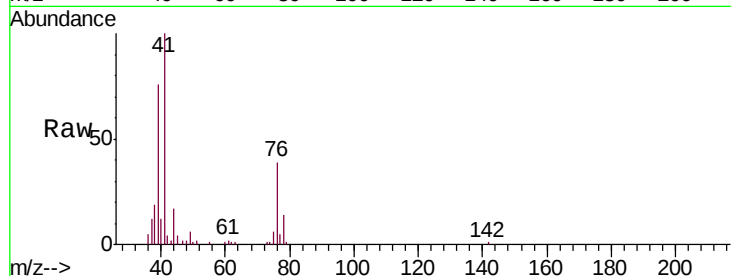




#11
 Allyl Chloride
 Concen: 1.956 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

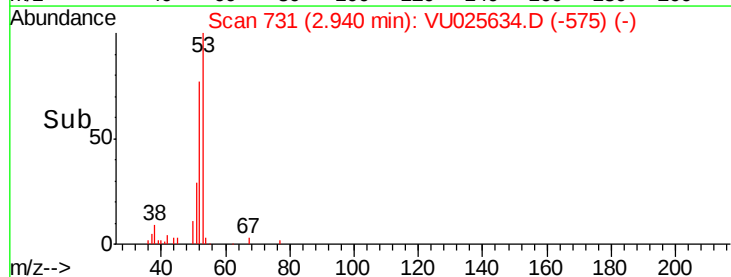
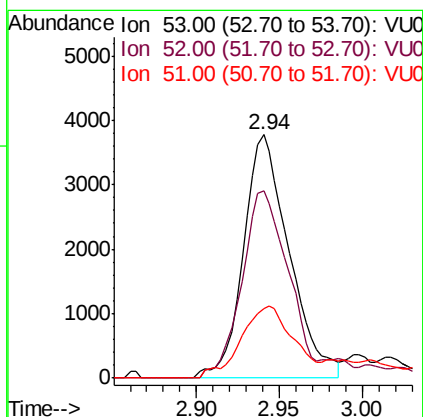
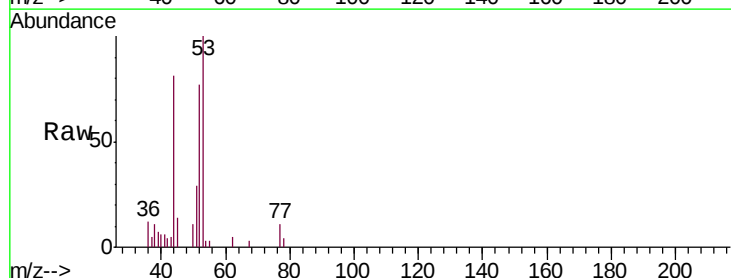
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

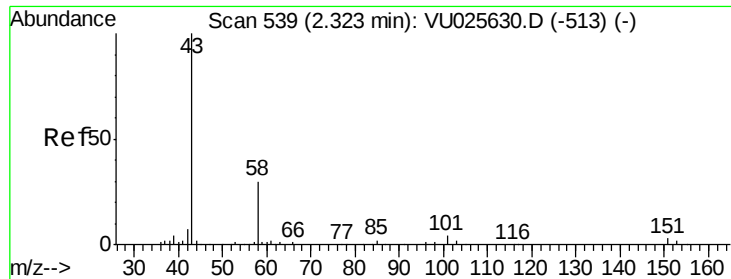
Tgt Ion: 41 Resp: 26347
 Ion Ratio Lower Upper
 41 100
 39 79.7 51.4 77.2#



#12
 Acrylonitrile
 Concen: 4.063 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 53 Resp: 7218
 Ion Ratio Lower Upper
 53 100
 52 78.4 65.1 97.7
 51 34.3 30.2 45.4





#13

Acetone

Concen: 10.246 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

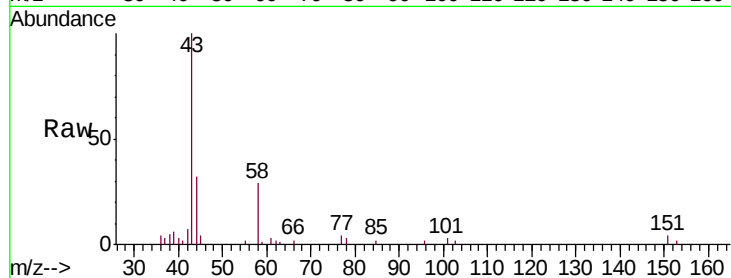
VU0725WBS01

Tgt Ion: 43 Resp: 15831

Ion Ratio Lower Upper

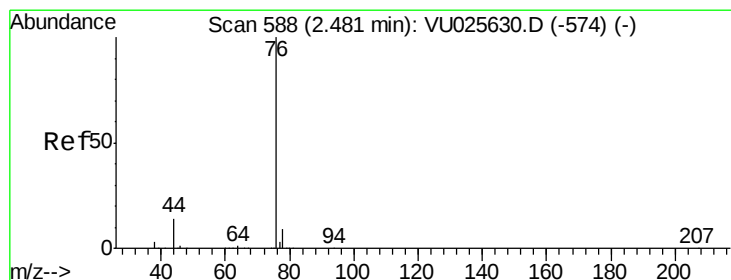
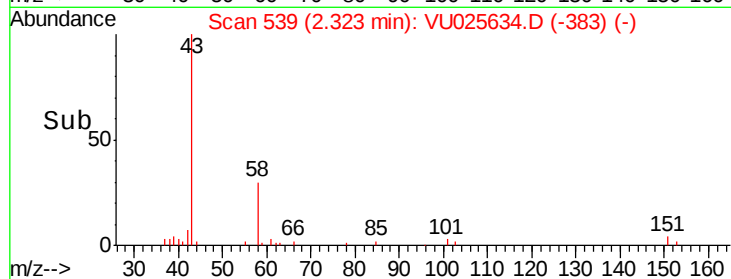
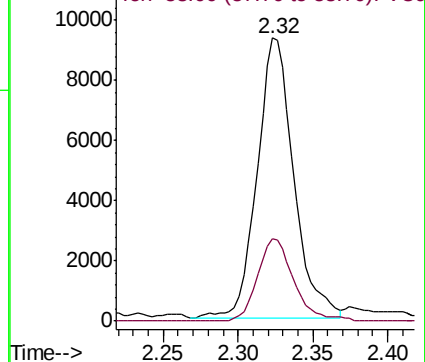
43 100

58 29.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.919 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025634.D

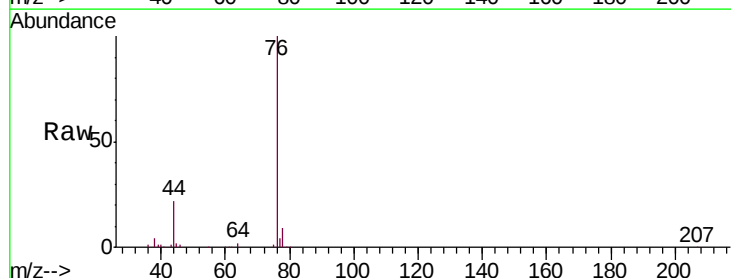
Acq: 25 Jul 2018 13:54

Tgt Ion: 76 Resp: 52888

Ion Ratio Lower Upper

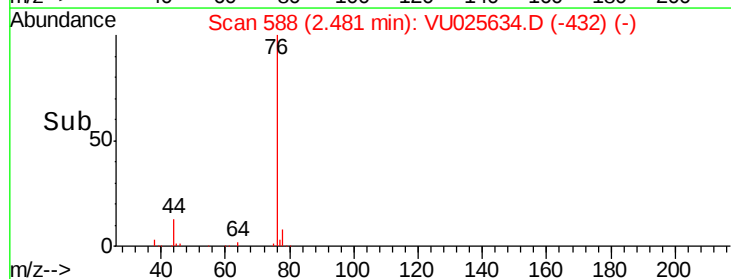
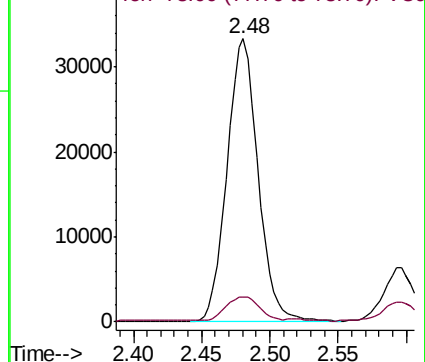
76 100

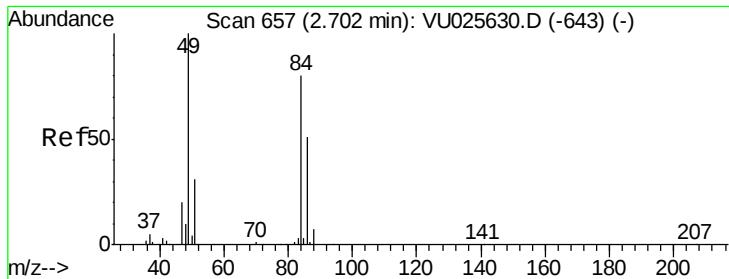
78 8.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

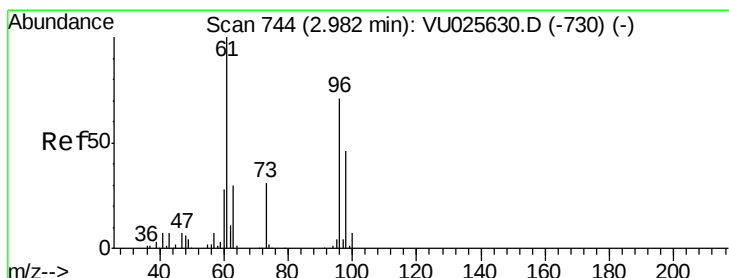
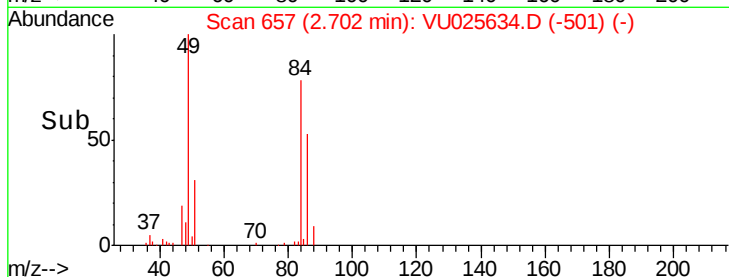
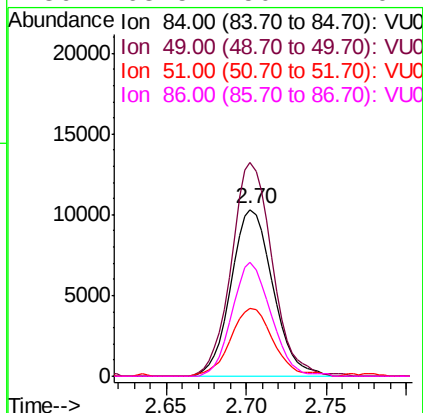
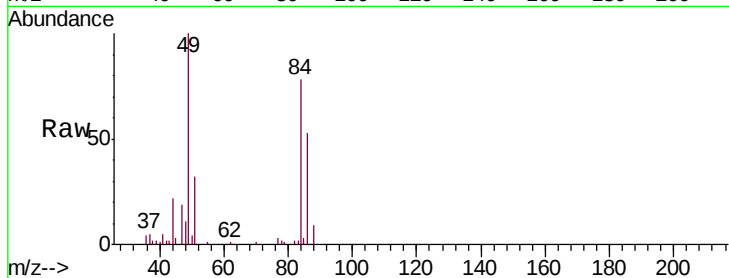




#15
Methylene Chloride
Concen: 1.922 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

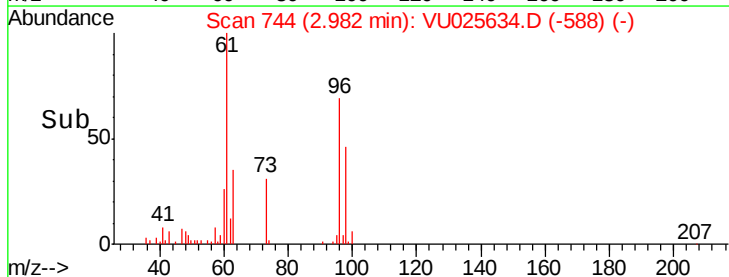
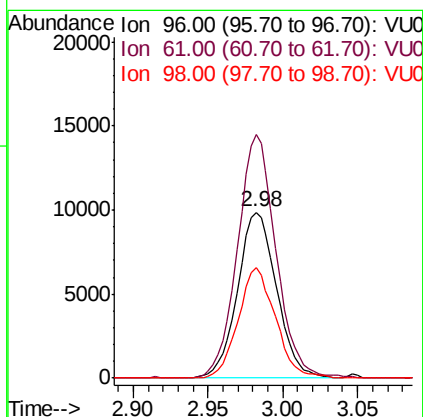
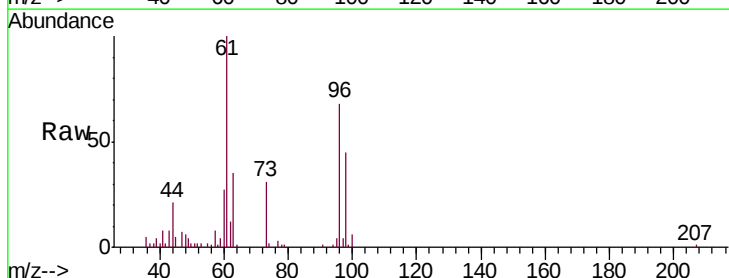
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

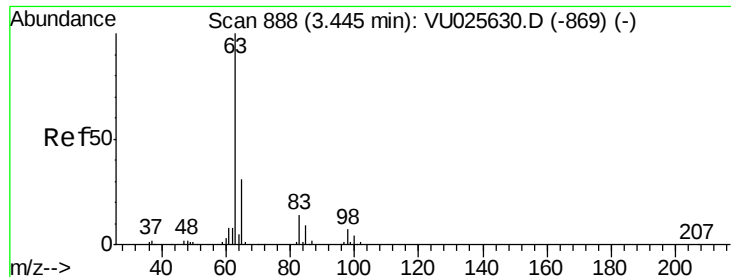
Tgt Ion:	84	Resp:	18462
Ion	Ratio	Lower	Upper
84	100		
49	128.4	108.7	163.1
51	41.0	0.0	82.4
86	68.5	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion:	96	Resp:	17895
Ion	Ratio	Lower	Upper
96	100		
61	146.8	123.9	185.9
98	66.8	50.6	76.0

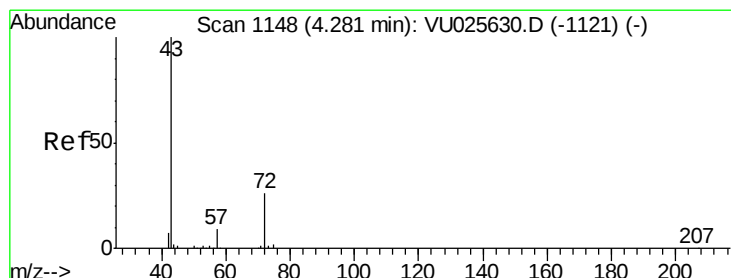
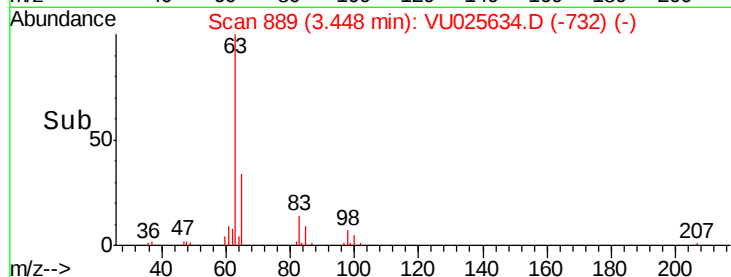
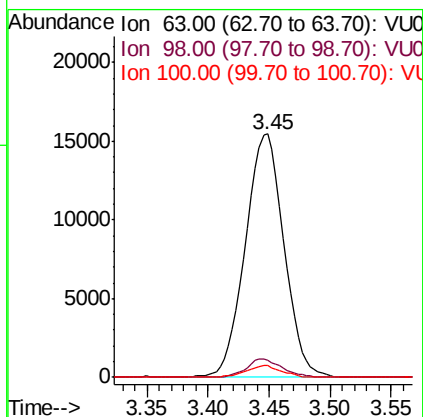
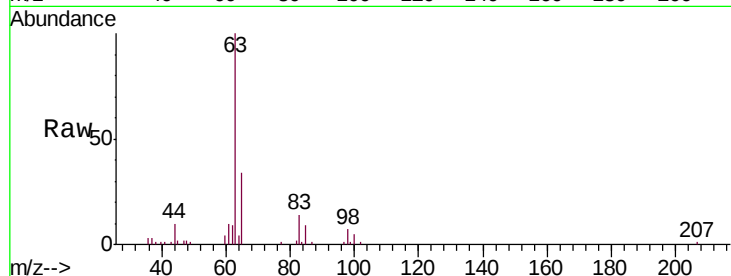




#17
 1,1-Dichloroethane
 Concen: 1.891 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

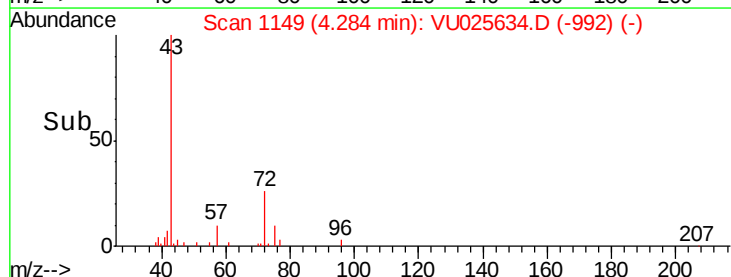
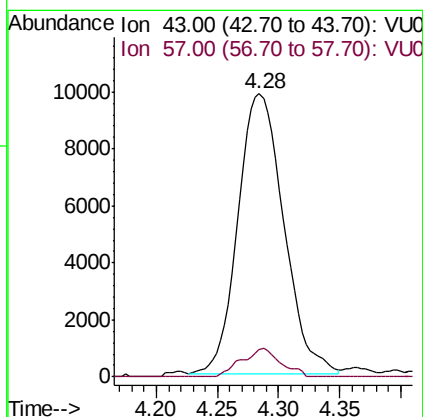
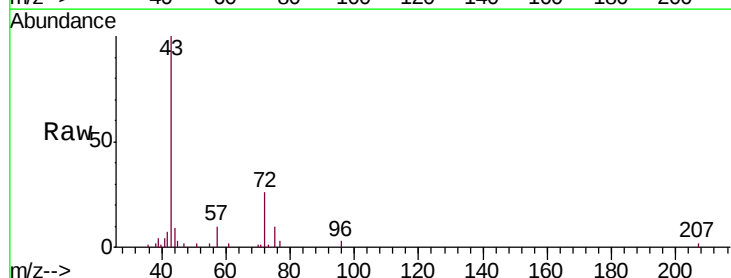
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

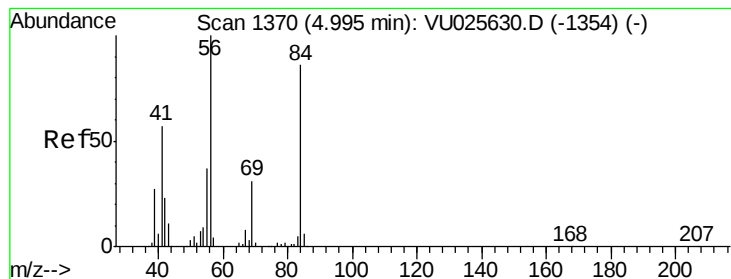
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.8
100	4.8	2.0	5.8



#18
 2-Butanone
 Concen: 9.476 ug/l
 RT: 4.28 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	0.0	15.8





#19

Cyclohexane

Concen: 1.930 ug/l

RT: 4.99 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

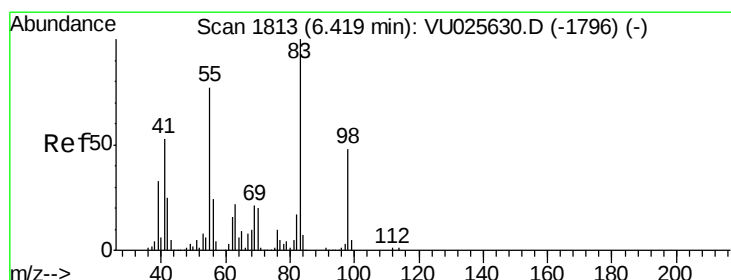
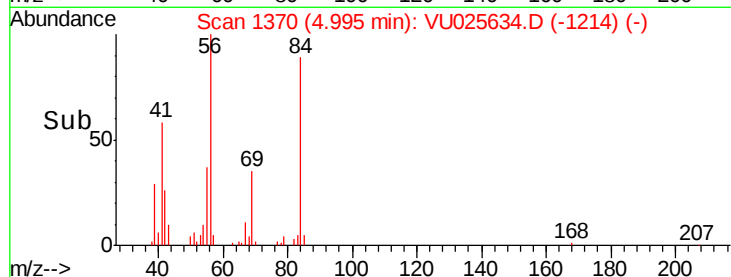
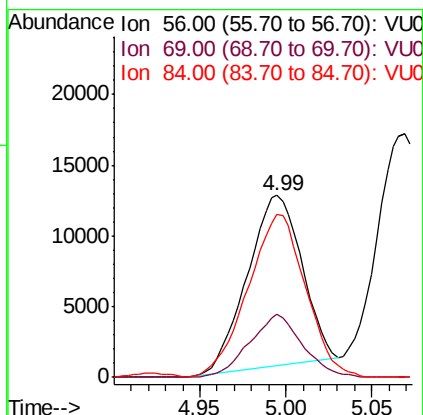
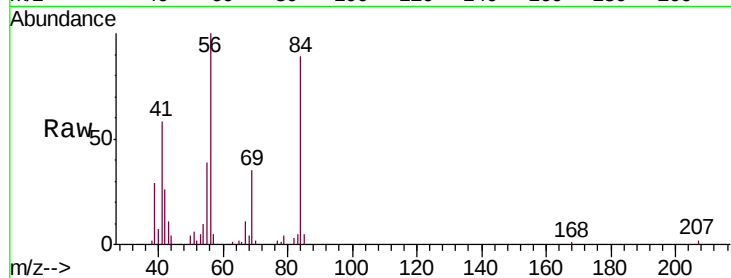
Tgt Ion: 56 Resp: 26668

Ion Ratio Lower Upper

56 100

69 35.6 26.0 39.0

84 100.8 68.3 102.5



#20

Methylcyclohexane

Concen: 1.928 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

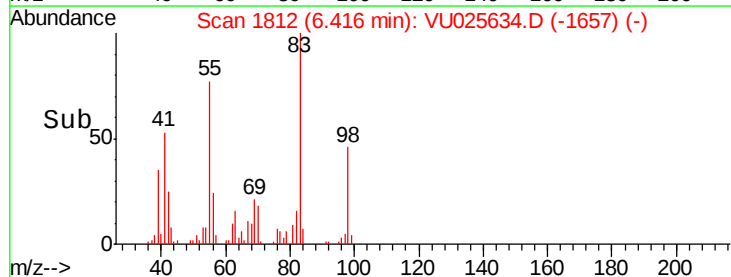
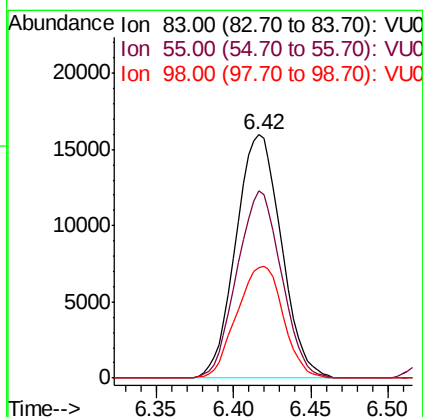
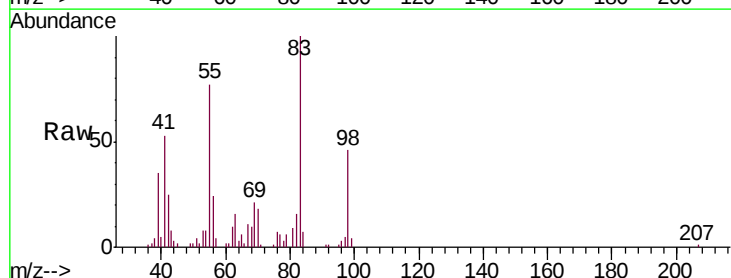
Tgt Ion: 83 Resp: 32683

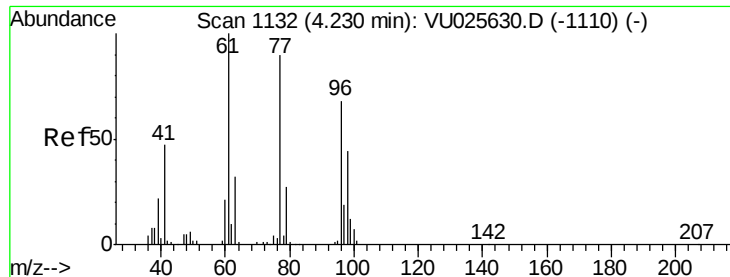
Ion Ratio Lower Upper

83 100

55 75.1 66.4 99.6

98 47.0 35.4 53.2





#21

2,2-Dichloropropane

Concen: 2.059 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

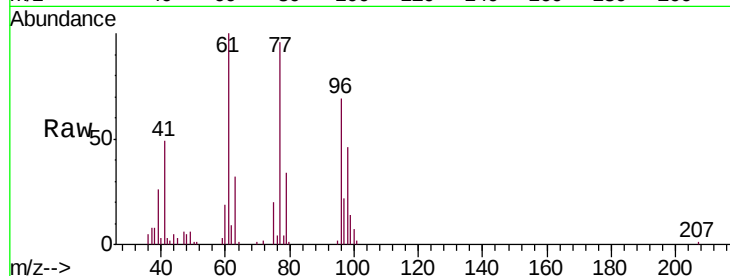
VU0725WBS01

Tgt Ion: 77 Resp: 35180

Ion Ratio Lower Upper

77 100

97 20.8 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

4.23

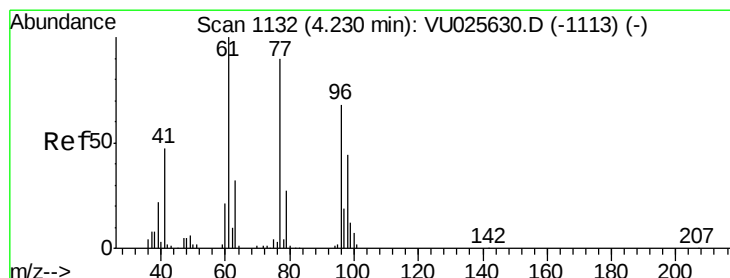
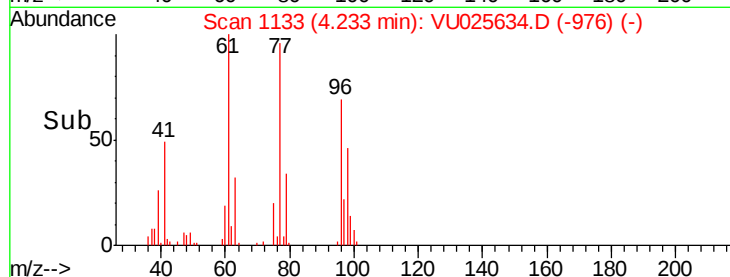
15000

10000

5000

0

Time--> 4.10 4.20 4.30



#22

cis-1,2-Dichloroethene

Concen: 2.015 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

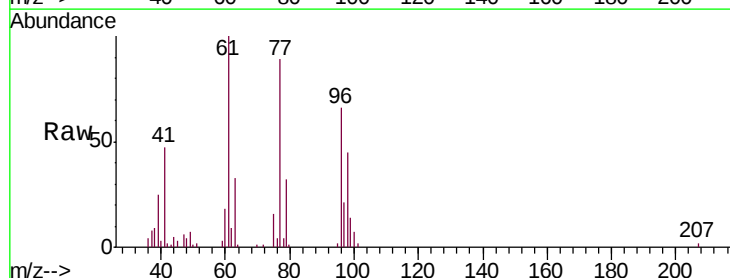
Tgt Ion: 96 Resp: 22924

Ion Ratio Lower Upper

96 100

61 145.1 0.0 400.5

98 65.5 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

4.23

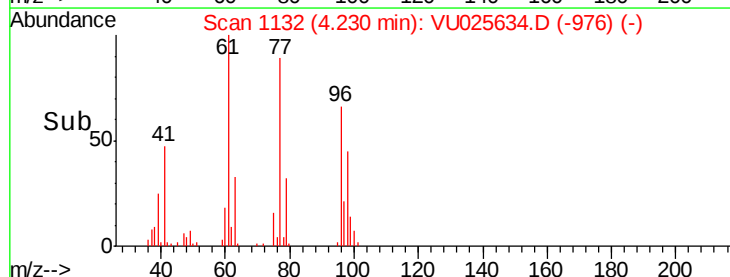
15000

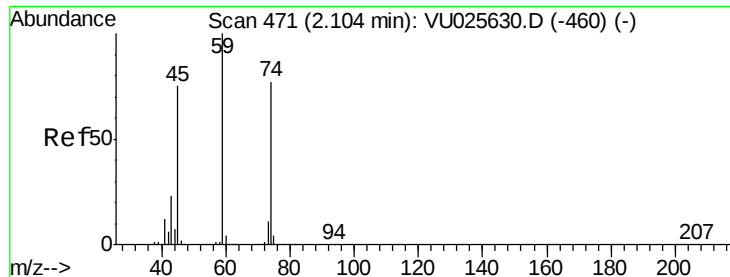
10000

5000

0

Time--> 4.15 4.20 4.25 4.30

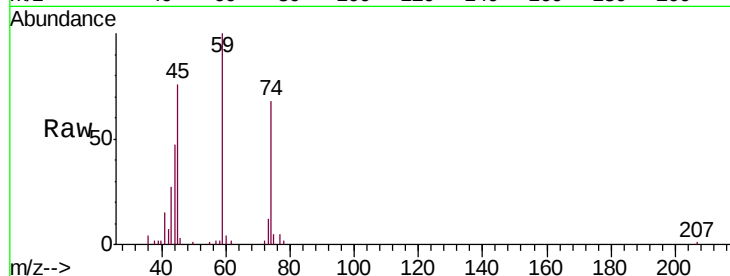




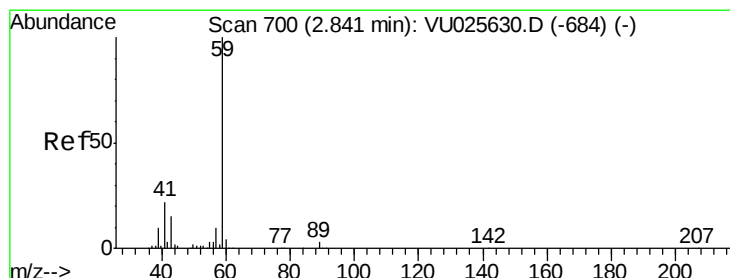
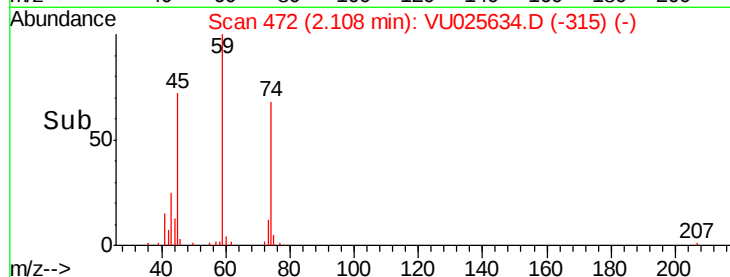
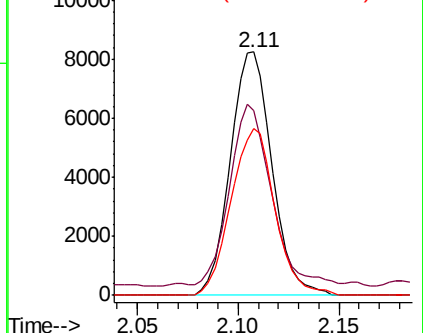
#23
Diethyl Ether
Concen: 1.959 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tgt Ion: 59 Resp: 11957
Ion Ratio Lower Upper
59 100
45 74.6 60.0 90.0
74 72.1 56.5 84.7

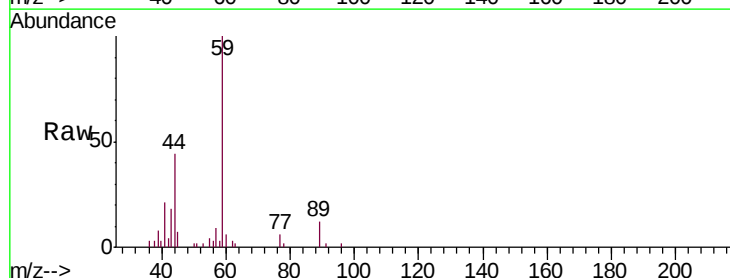


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

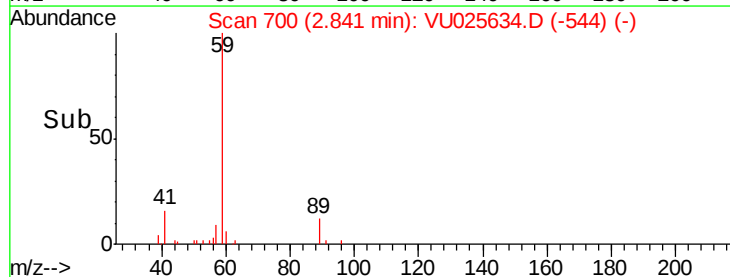
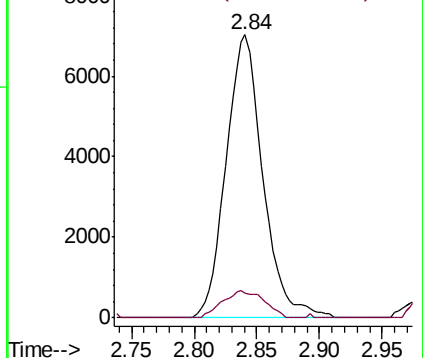


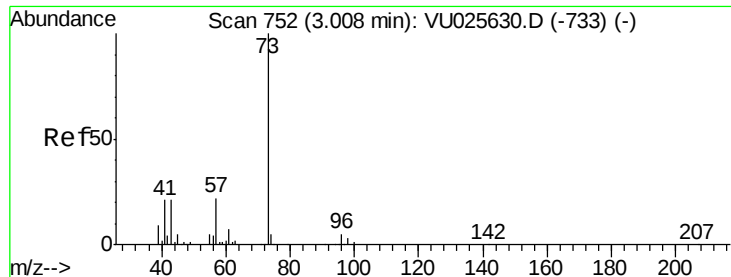
#24
tert-Butyl Alcohol
Concen: 19.926 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 59 Resp: 14287
Ion Ratio Lower Upper
59 100
57 10.9 3.4 5.2#



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



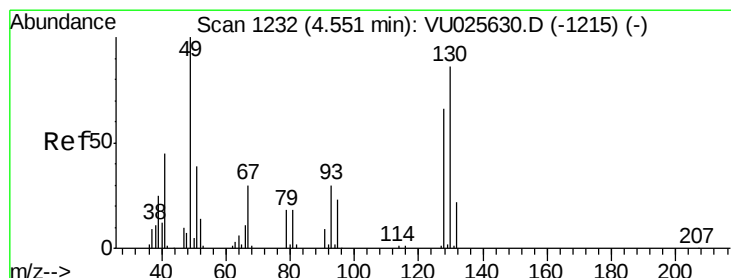
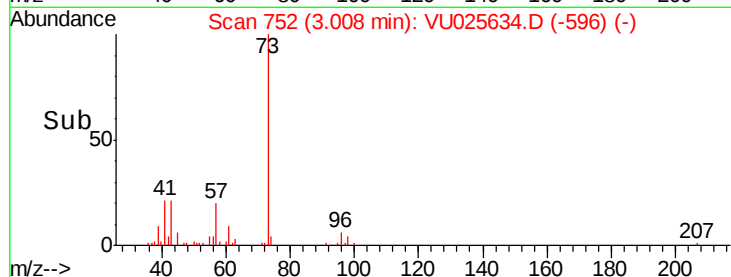
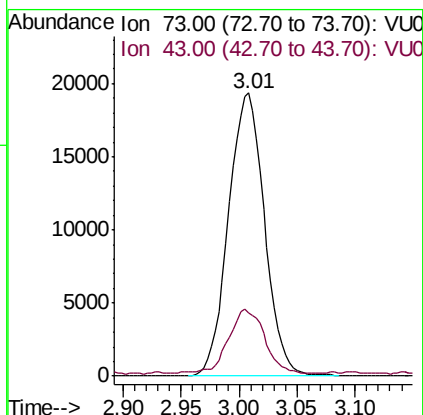
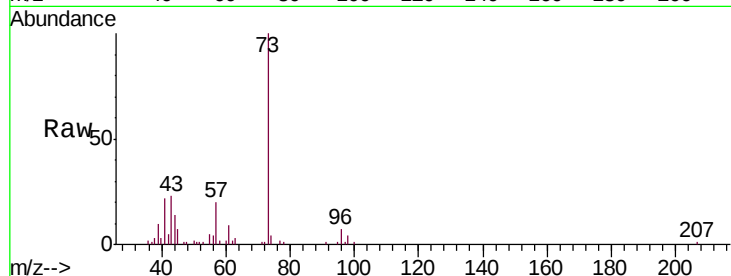


#25

Methyl tert-Butyl Ether
 Concen: 1.911 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

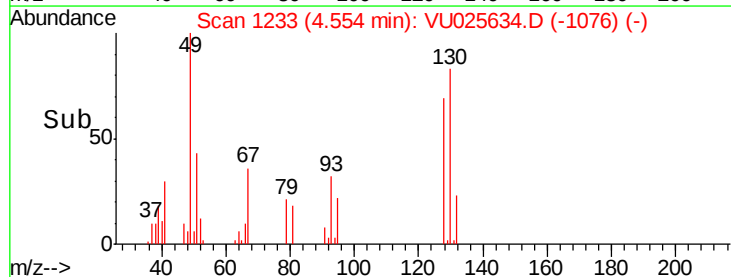
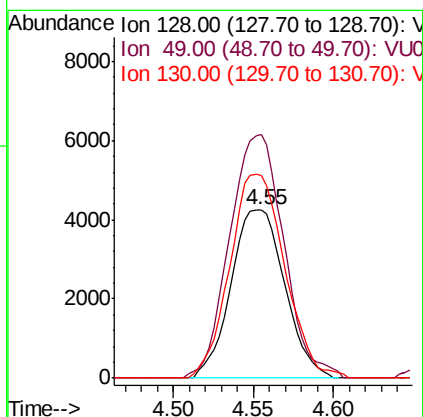
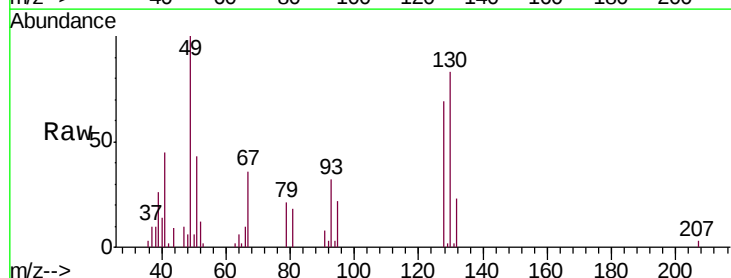
Tgt Ion: 73 Resp: 41646
 Ion Ratio Lower Upper
 73 100
 43 22.6 16.2 24.2

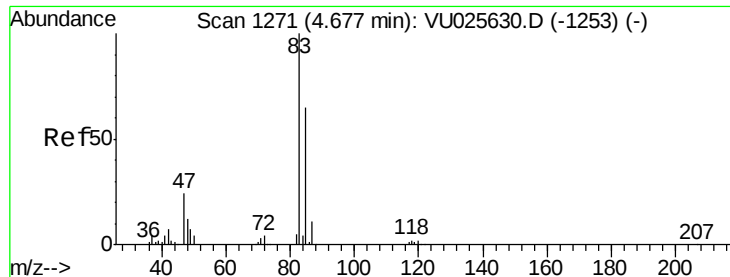


#26

Bromochloromethane
 Concen: 1.952 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 128 Resp: 9778
 Ion Ratio Lower Upper
 128 100
 49 146.2 0.0 375.2
 130 124.2 105.8 158.6





#27

Chloroform

Concen: 1.887 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

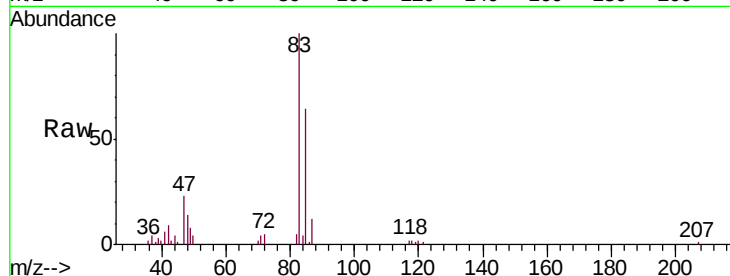
VU0725WBS01

Tgt Ion: 83 Resp: 37163

Ion Ratio Lower Upper

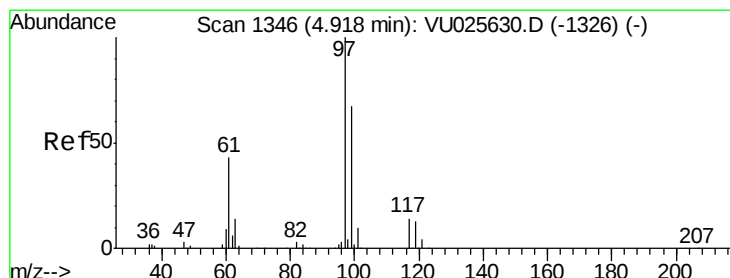
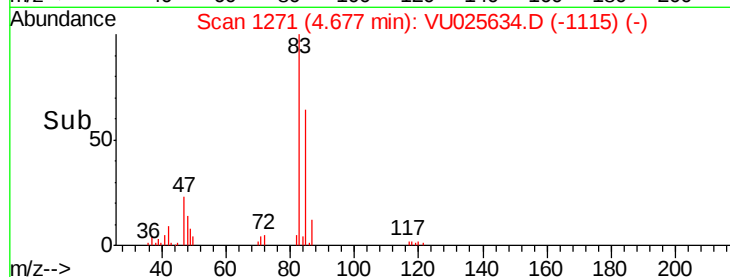
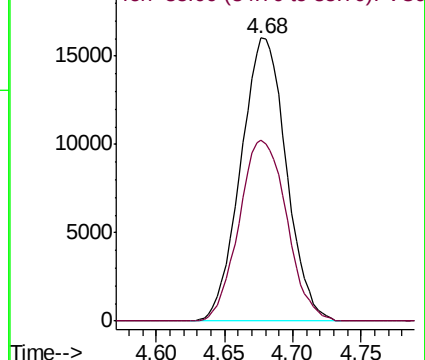
83 100

85 63.8 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: 1.875 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

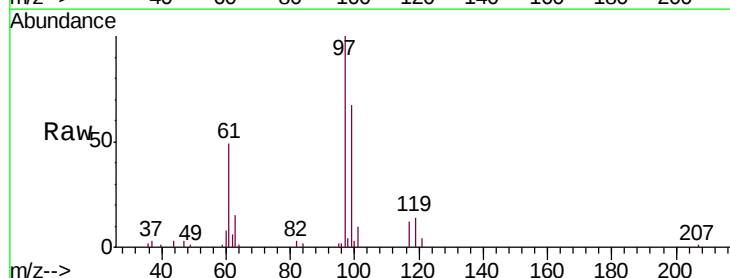
Tgt Ion: 97 Resp: 33309

Ion Ratio Lower Upper

97 100

99 67.4 32.3 96.9

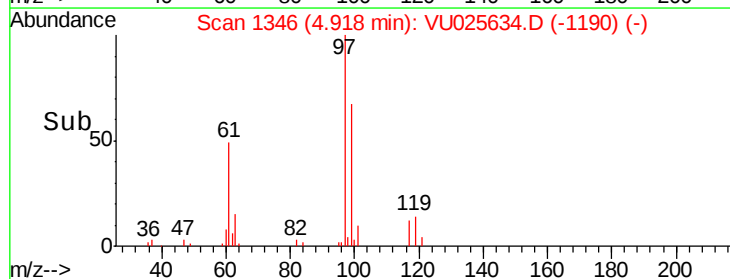
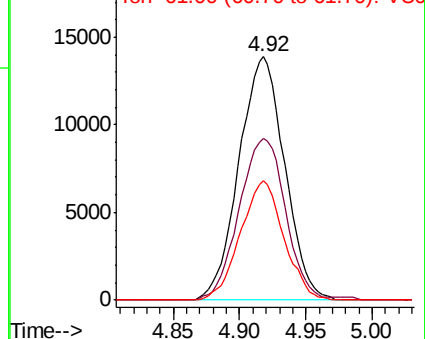
61 46.5 23.2 69.5

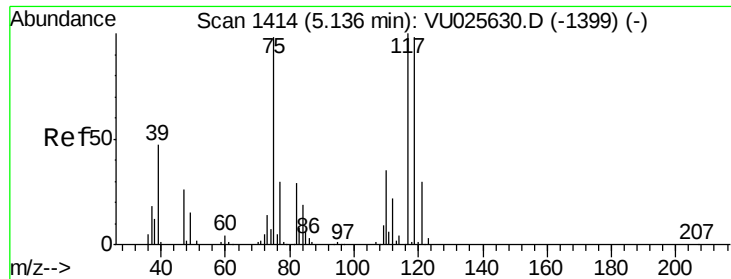


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.975 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

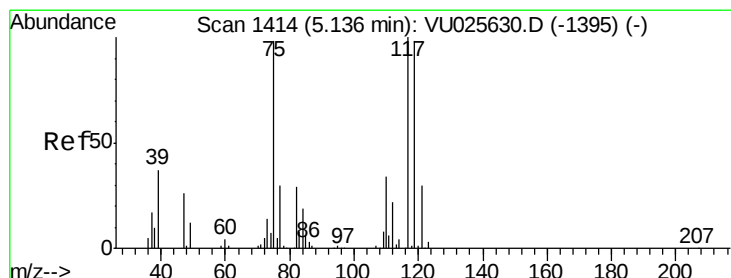
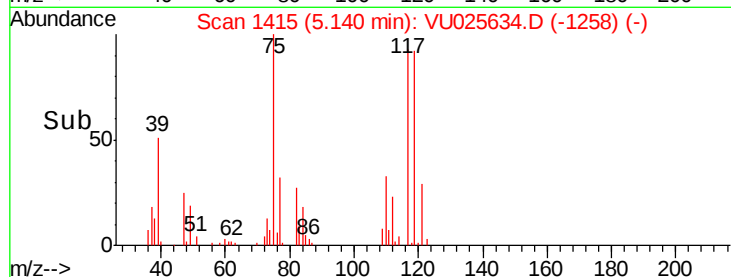
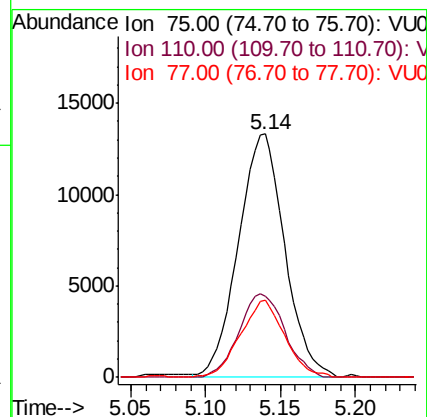
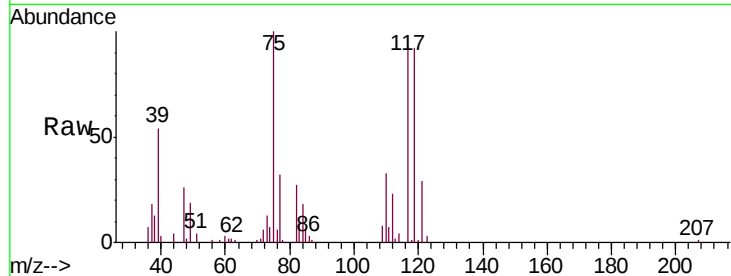
Tgt Ion: 75 Resp: 28765

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.7

77 30.3 24.8 37.2



#30

Carbon Tetrachloride

Concen: 1.883 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

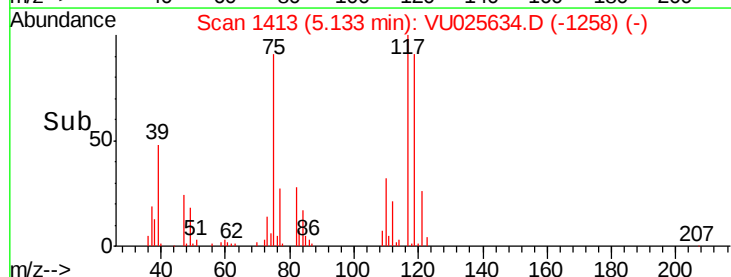
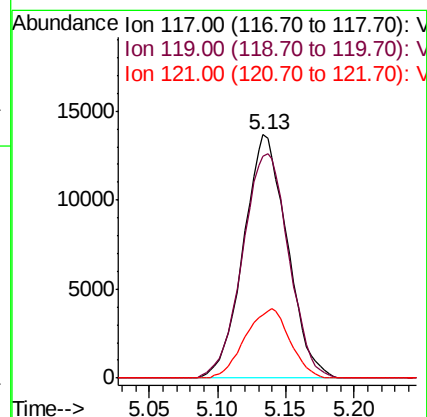
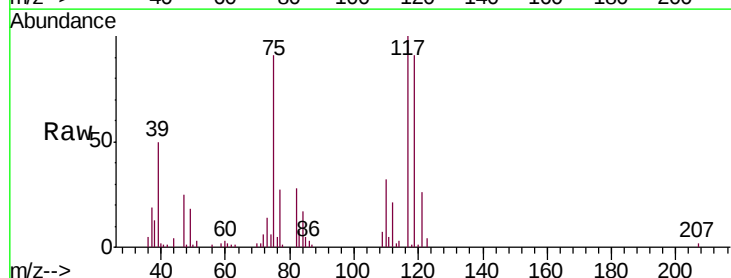
Tgt Ion: 117 Resp: 30375

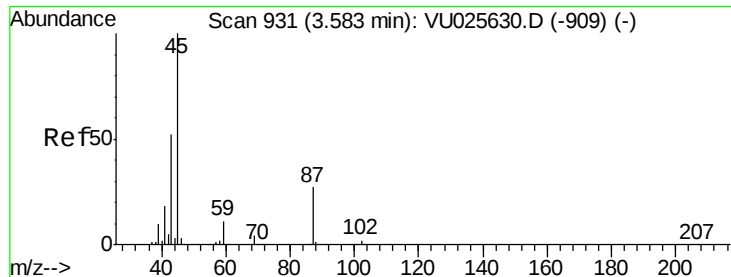
Ion Ratio Lower Upper

117 100

119 91.0 77.3 115.9

121 26.2 24.5 36.7





#31

Isopropyl Ether

Concen: 1.936 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

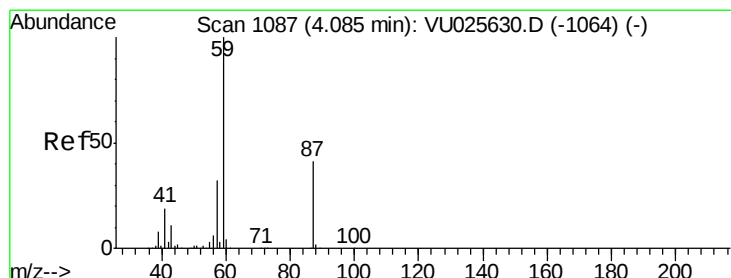
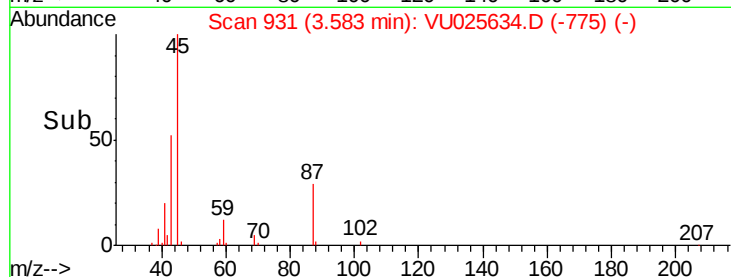
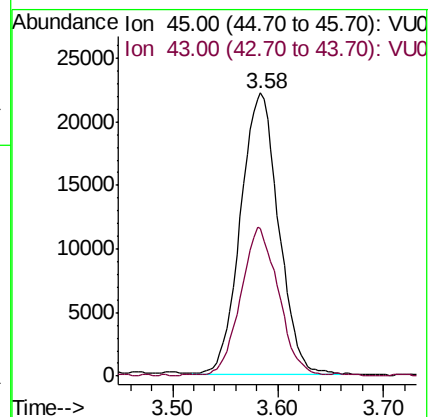
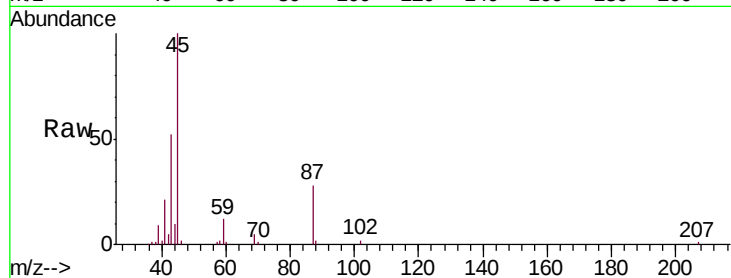
VU0725WBS01

Tgt Ion: 45 Resp: 55575

Ion Ratio Lower Upper

45 100

43 51.2 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 1.891 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025634.D

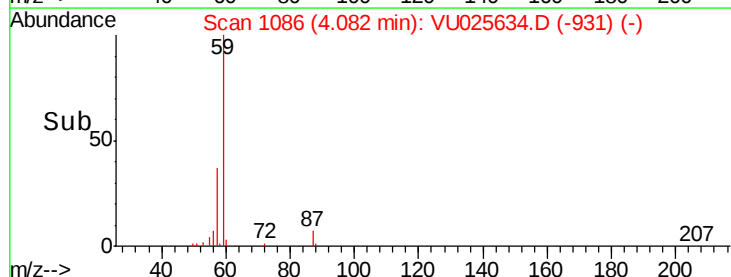
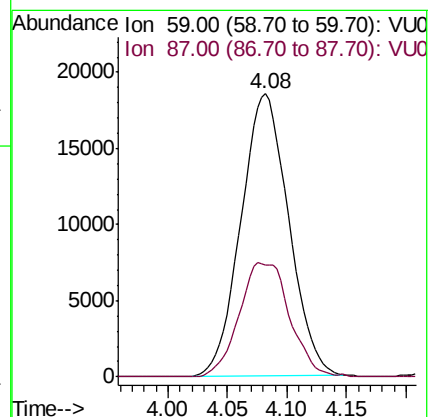
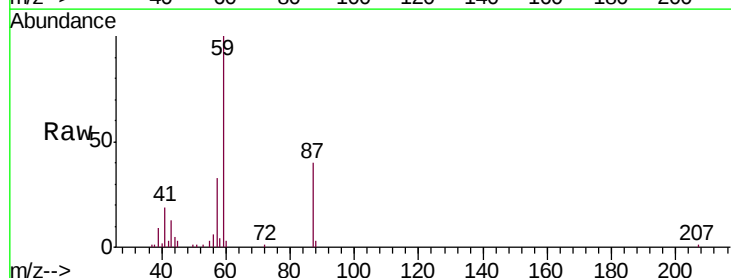
Acq: 25 Jul 2018 13:54

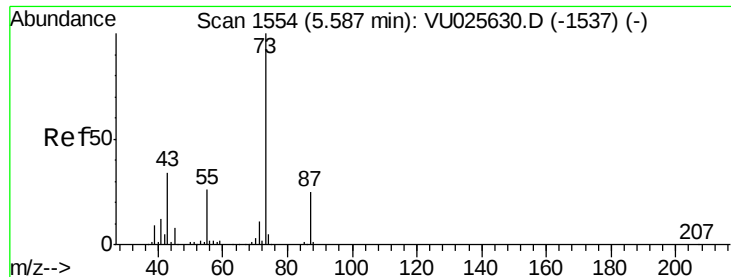
Tgt Ion: 59 Resp: 51600

Ion Ratio Lower Upper

59 100

87 41.8 31.0 46.6



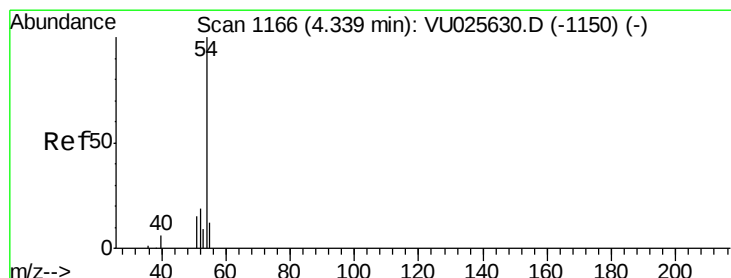
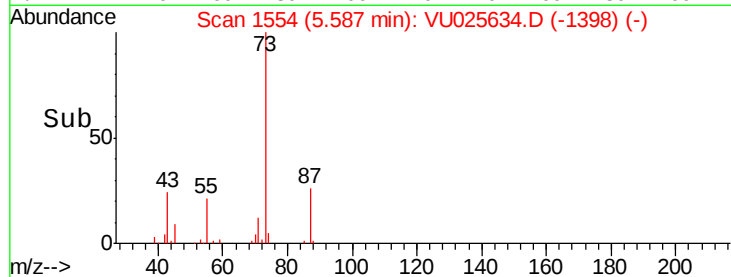
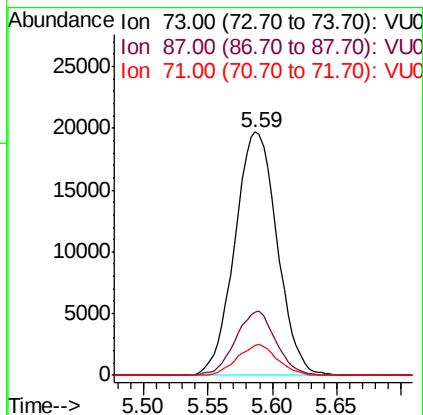
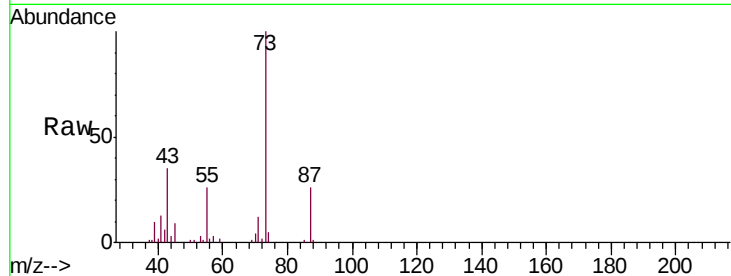


#33

Tert-Amyl methyl ether
 Concen: 1.872 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

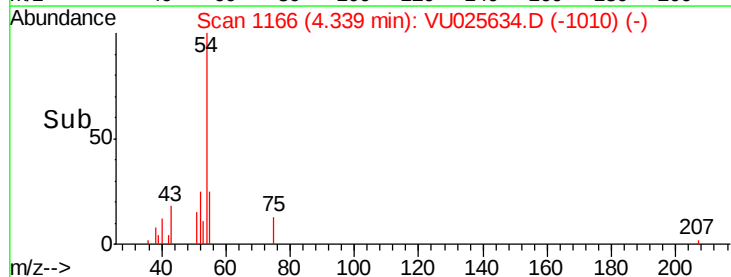
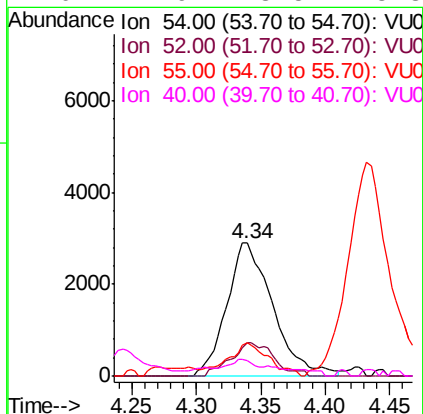
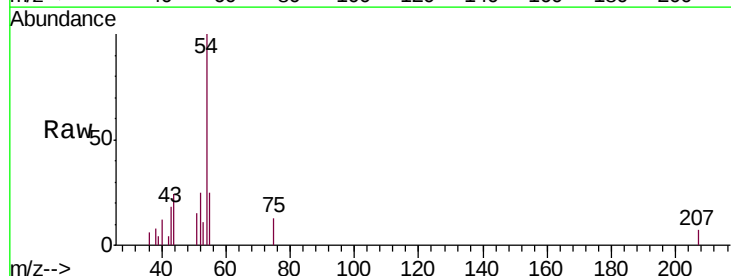
Tgt Ion: 73 Resp: 45105
 Ion Ratio Lower Upper
 73 100
 87 25.0 18.6 28.0
 71 11.8 9.3 13.9

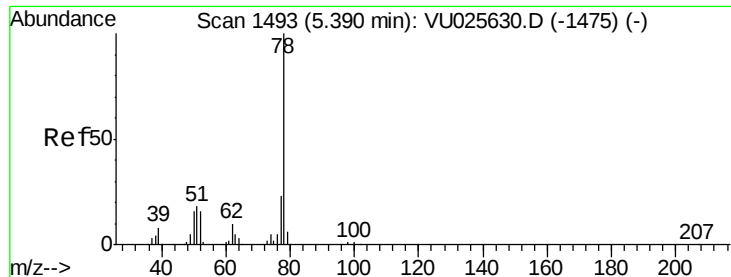


#34

Propionitrile
 Concen: 9.665 ug/l
 RT: 4.34 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 54 Resp: 7200
 Ion Ratio Lower Upper
 54 100
 52 22.3 13.7 20.5#
 55 21.9 10.2 15.2#
 40 2.9 3.5 5.3#





#35

Benzene

Concen: 1.915 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

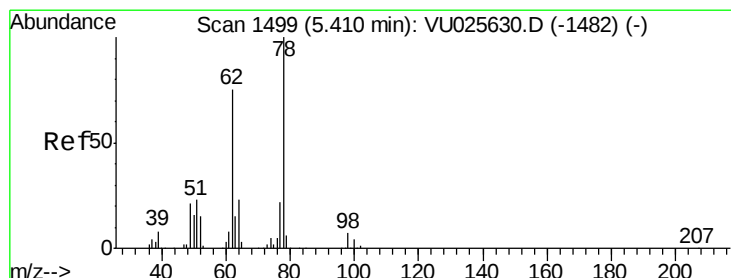
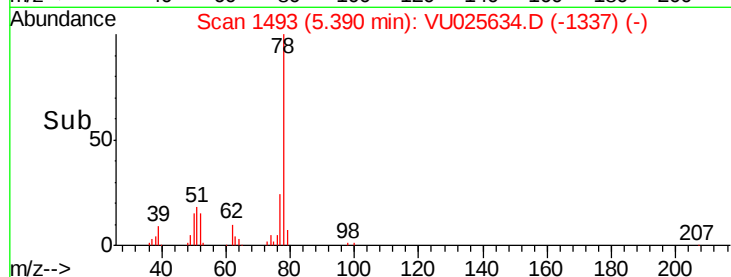
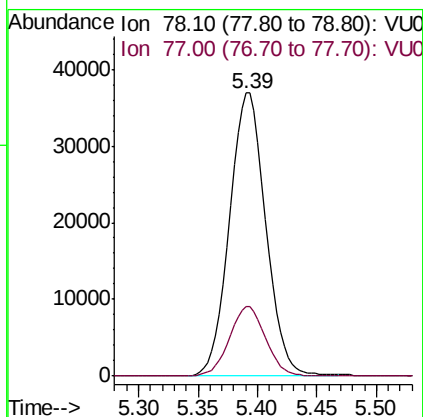
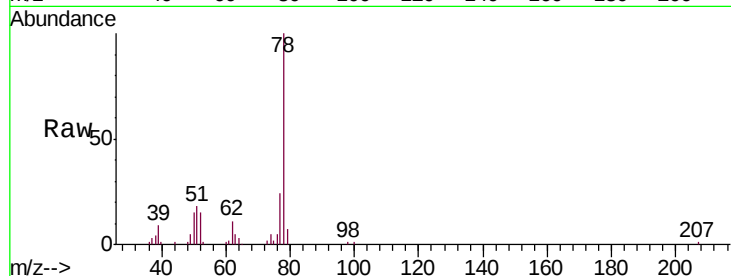
VU0725WBS01

Tgt Ion: 78 Resp: 77981

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7



#36

1,2-Dichloroethane

Concen: 1.993 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU025634.D

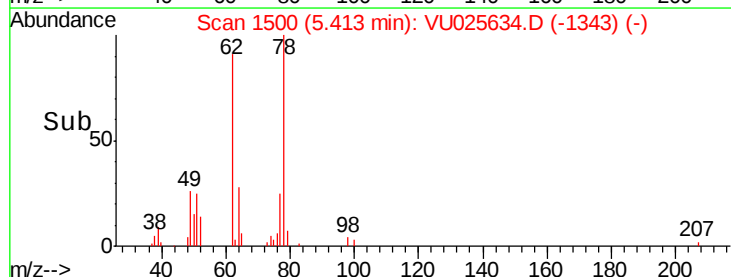
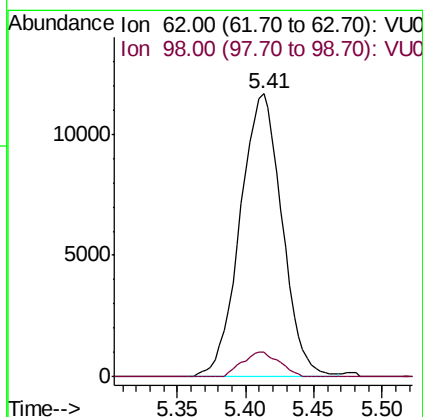
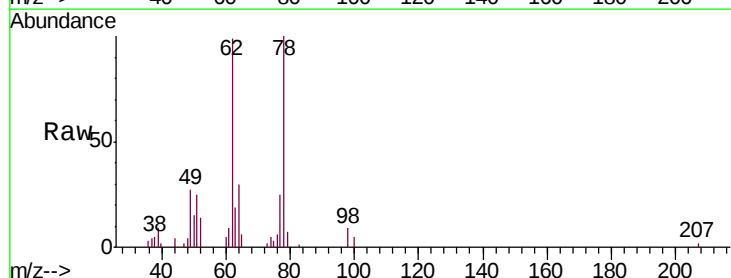
Acq: 25 Jul 2018 13:54

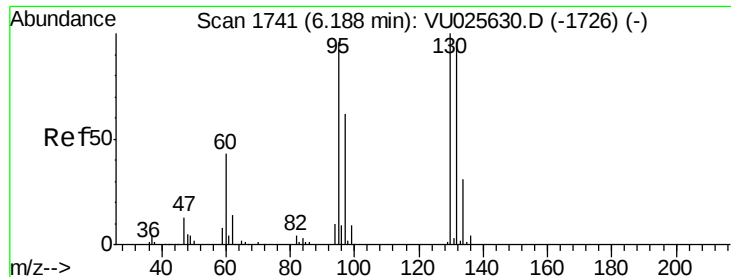
Tgt Ion: 62 Resp: 24923

Ion Ratio Lower Upper

62 100

98 7.8 7.2 10.8

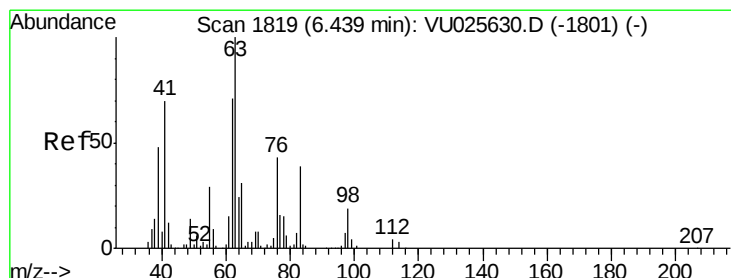
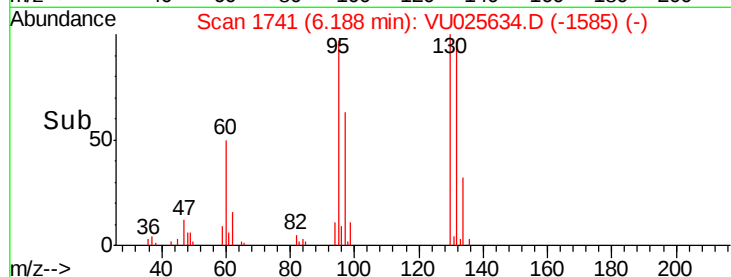
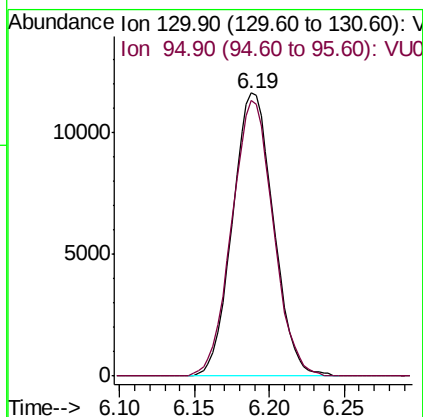
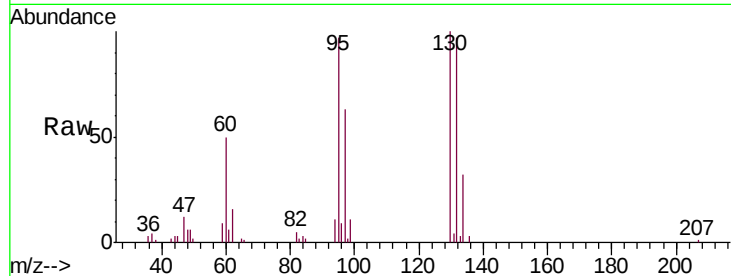




#37
 Trichloroethene
 Concen: 1.849 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

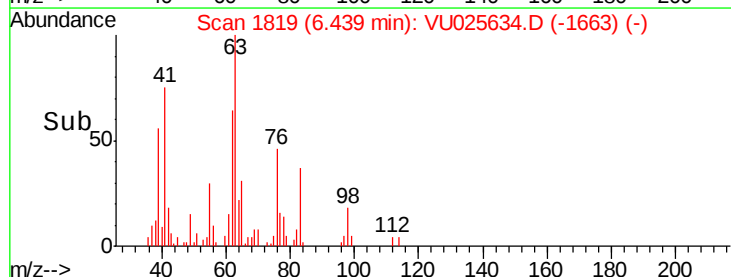
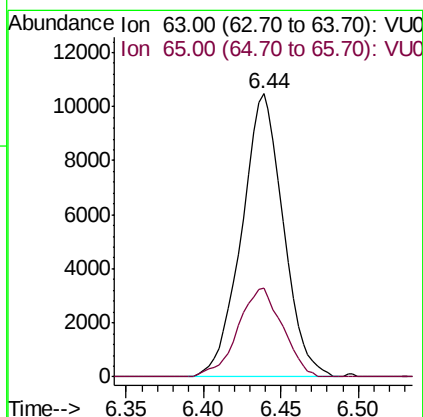
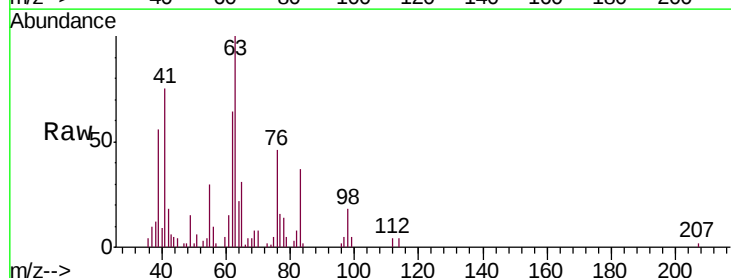
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

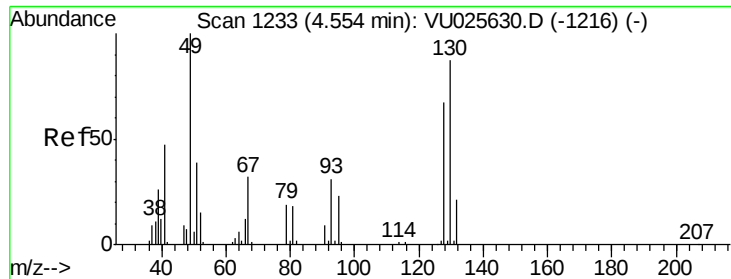
Tgt Ion:130 Resp: 22186
 Ion Ratio Lower Upper
 130 100
 95 97.3 77.9 116.9



#38
 1,2-Dichloropropane
 Concen: 1.860 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 63 Resp: 19653
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.8 38.8

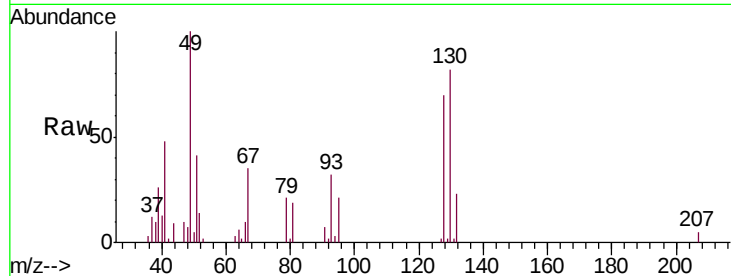




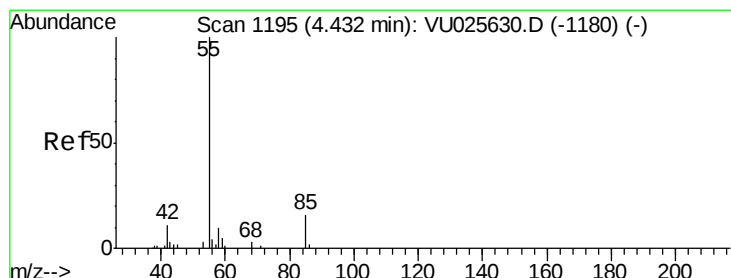
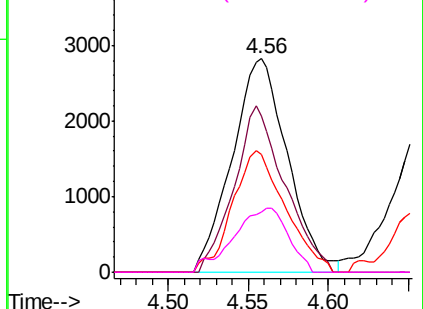
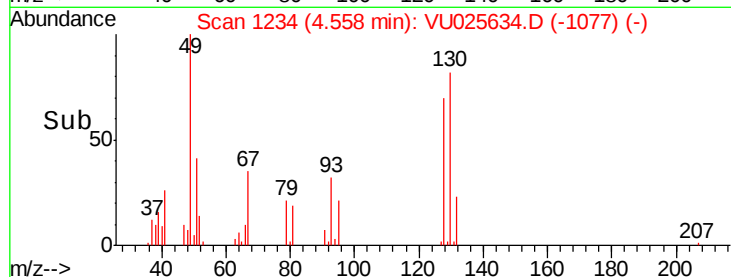
#39
Methacrylonitrile
Concen: 1.952 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tgt Ion:	41	Resp:	6695
Ion	Ratio	Lower	Upper
41	100		
67	70.9	51.3	76.9
39	54.2	40.6	60.8
52	29.5	21.5	32.3

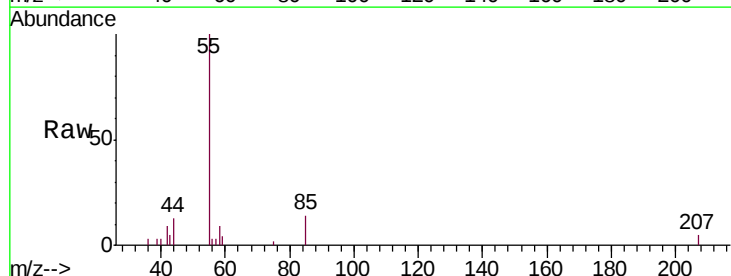


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

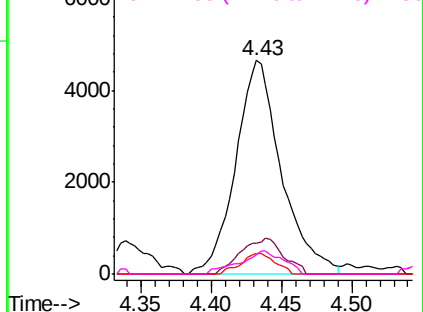
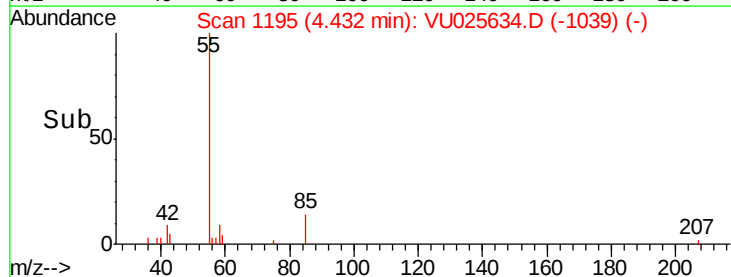


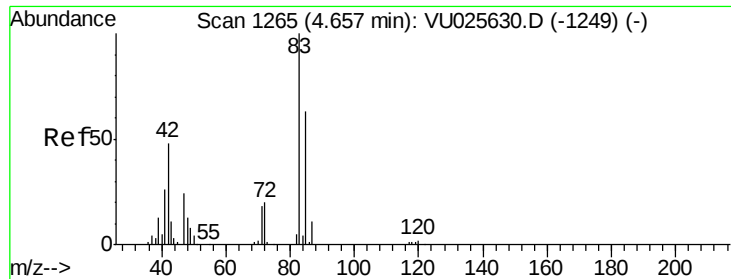
#40
Methyl acrylate
Concen: 2.036 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion:	55	Resp:	10532
Ion	Ratio	Lower	Upper
55	100		
85	15.5	12.3	18.5
58	7.2	7.0	10.6
42	10.3	7.0	10.4



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0

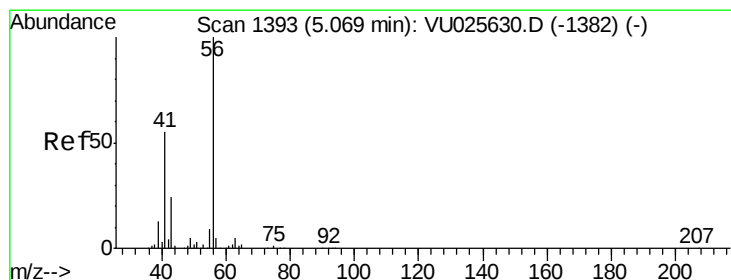
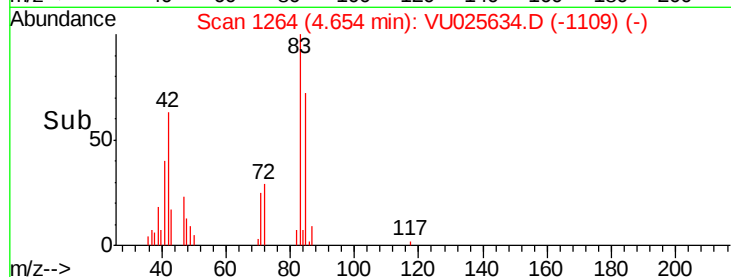
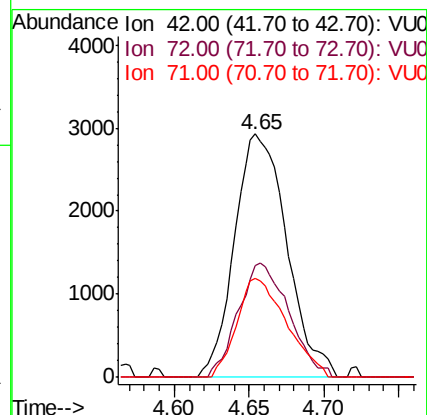
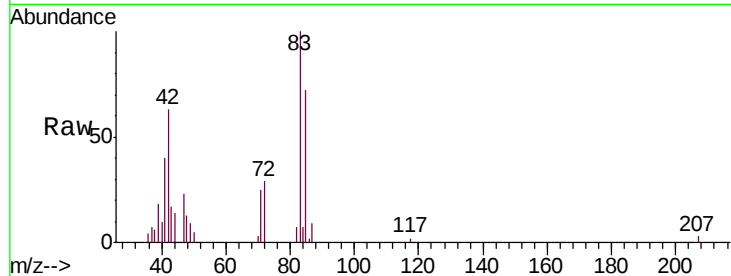




#41
Tetrahydrofuran
Concen: 3.518 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

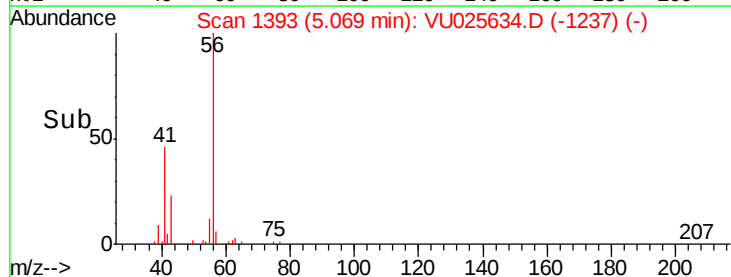
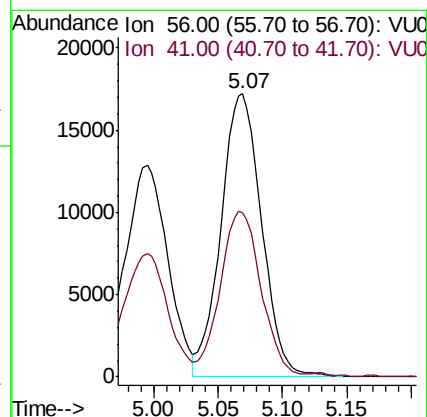
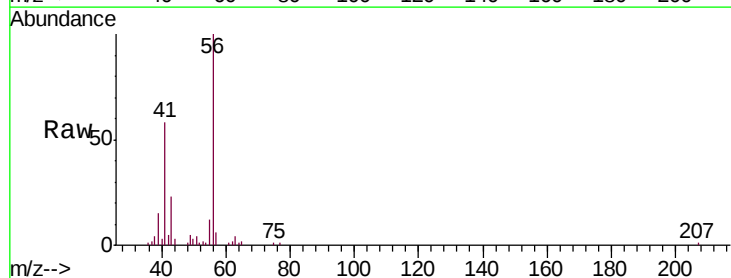
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

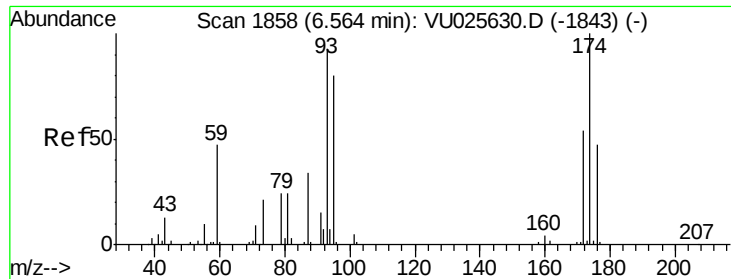
Tgt Ion: 42 Resp: 7130
Ion Ratio Lower Upper
42 100
72 45.3 33.2 49.8
71 38.5 29.8 44.8



#42
1-Chlorobutane
Concen: 1.896 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 56 Resp: 37656
Ion Ratio Lower Upper
56 100
41 57.5 27.5 82.5





#43

Dibromomethane

Concen: 1.855 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

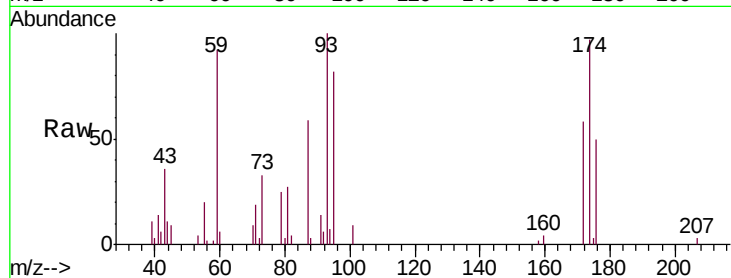
Tgt Ion: 93 Resp: 10234

Ion Ratio Lower Upper

93 100

95 86.3 67.2 100.8

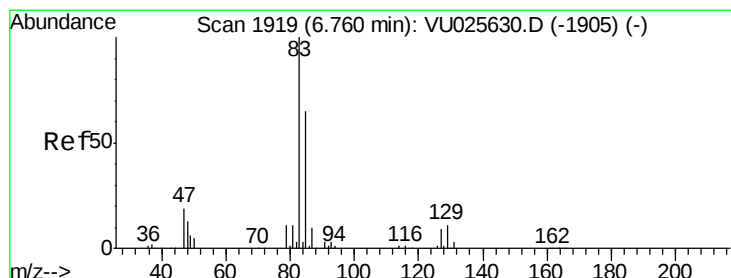
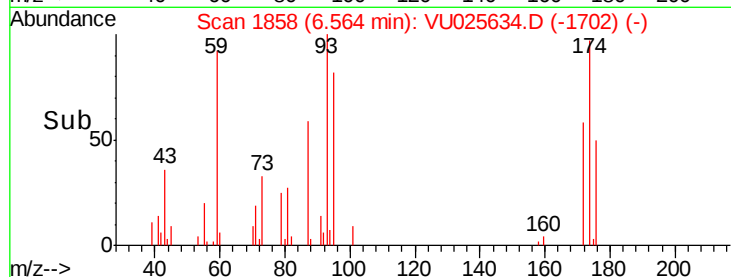
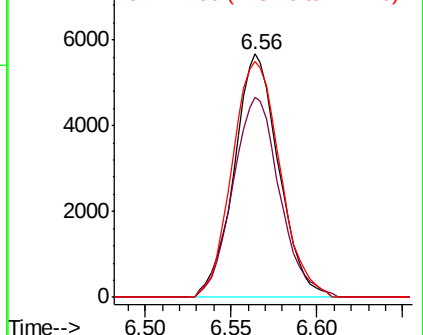
174 104.1 82.8 124.2



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: 1.862 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

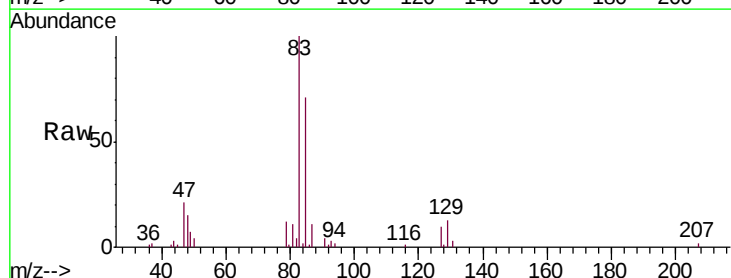
Tgt Ion: 83 Resp: 26034

Ion Ratio Lower Upper

83 100

85 71.2 52.2 78.4

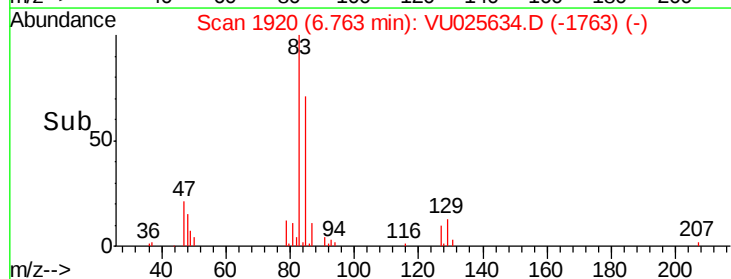
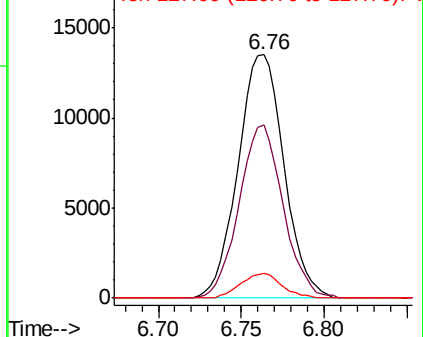
127 9.9 7.0 10.4

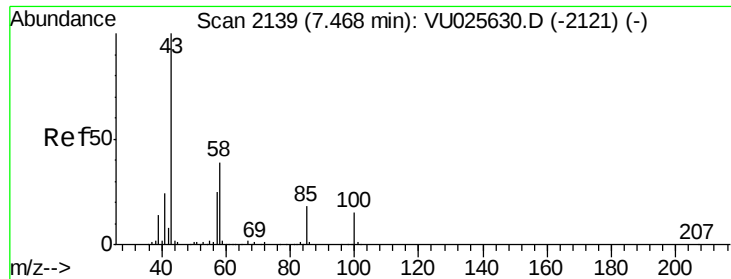


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

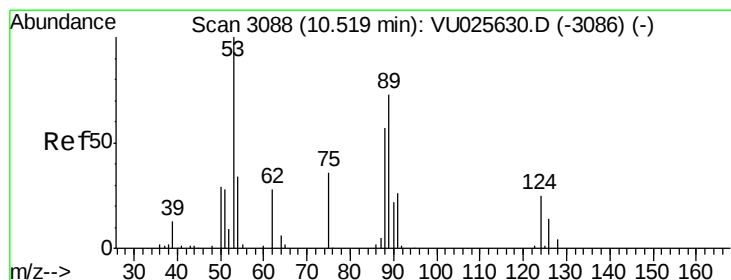
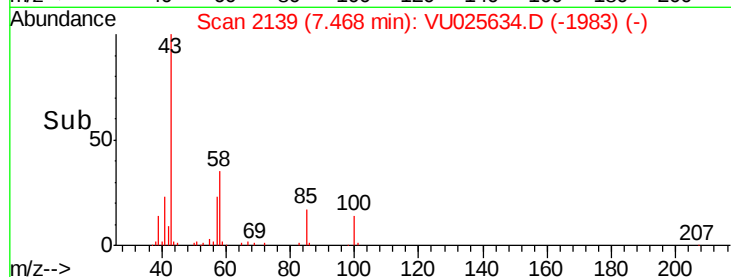
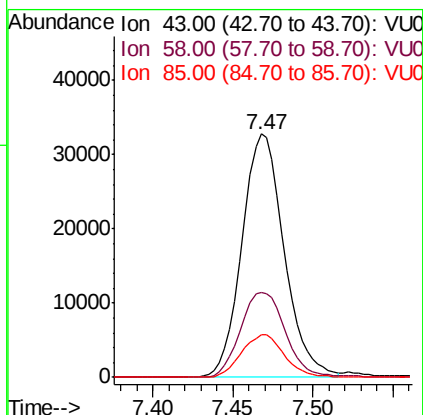
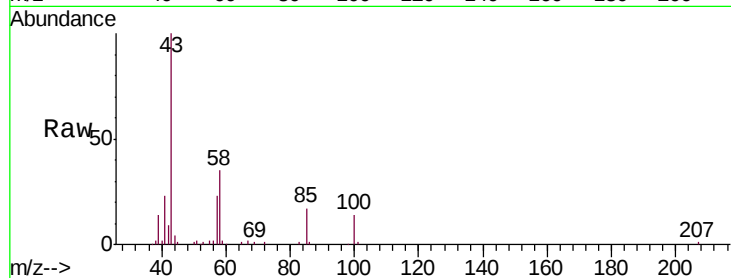




#45
 4-Methyl-2-Pentanone
 Concen: 9.608 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

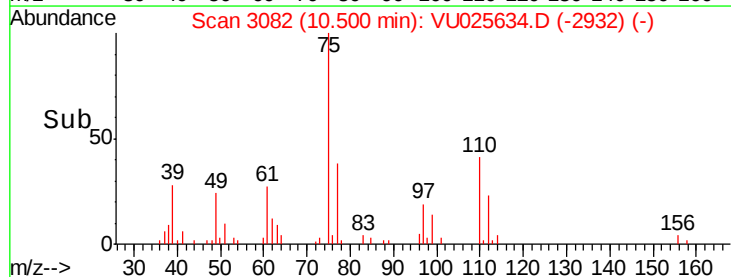
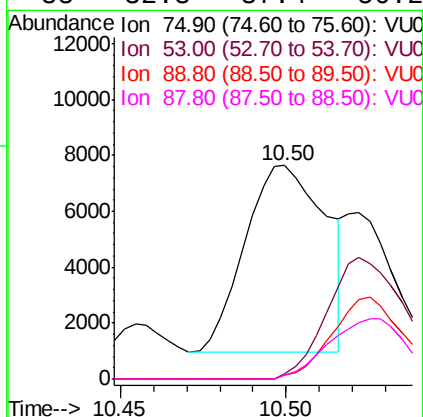
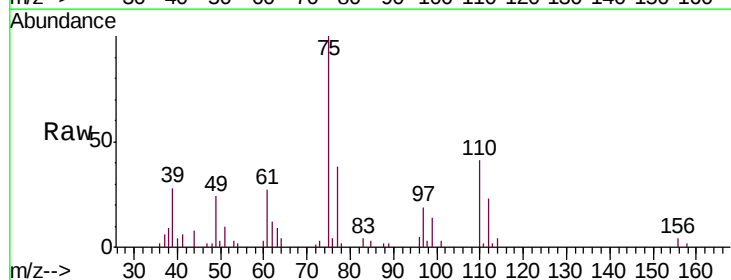
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

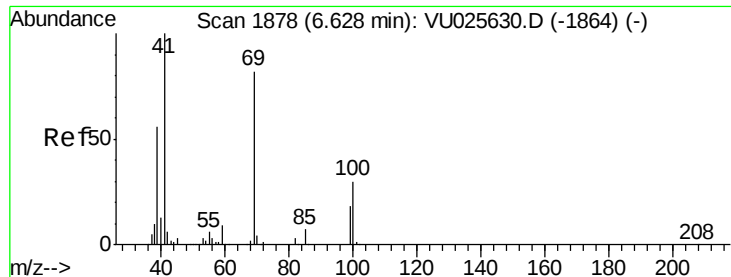
Tgt Ion: 43 Resp: 59109
 Ion Ratio Lower Upper
 43 100
 58 36.7 18.8 56.4
 85 17.6 12.6 19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 5.512 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 75 Resp: 11352
 Ion Ratio Lower Upper
 75 100
 53 64.0 82.2 123.4#
 89 40.8 51.3 76.9#
 88 32.3 37.4 56.2#

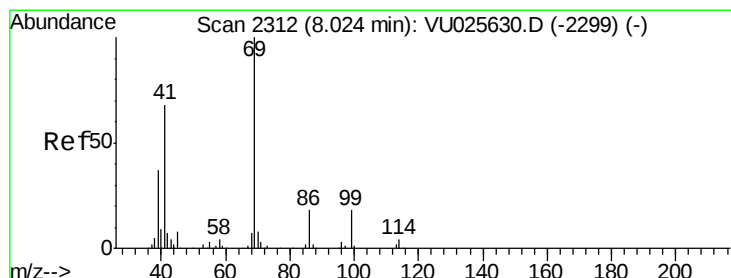
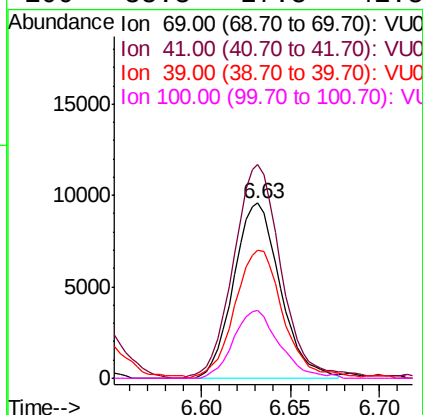
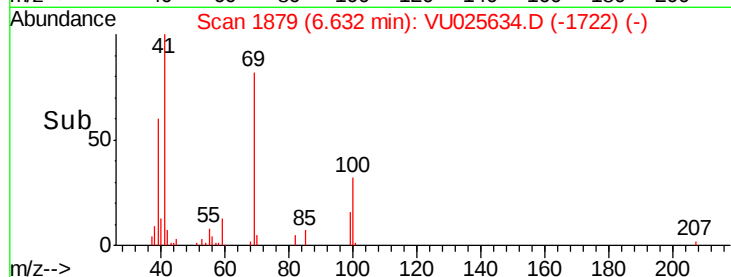
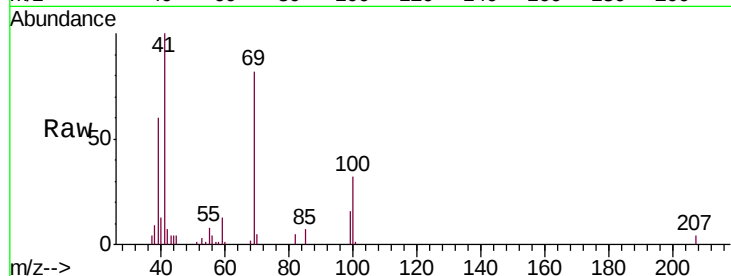




#47
Methyl methacrylate
Concen: 3.770 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

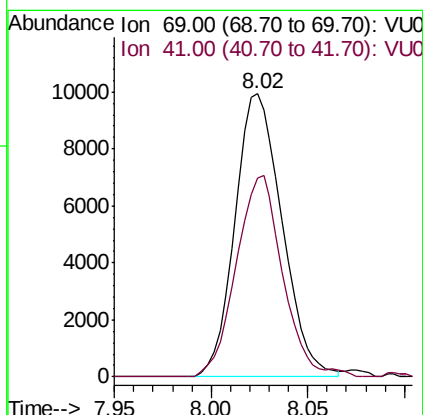
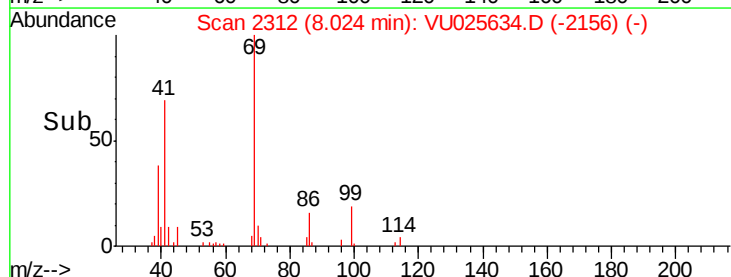
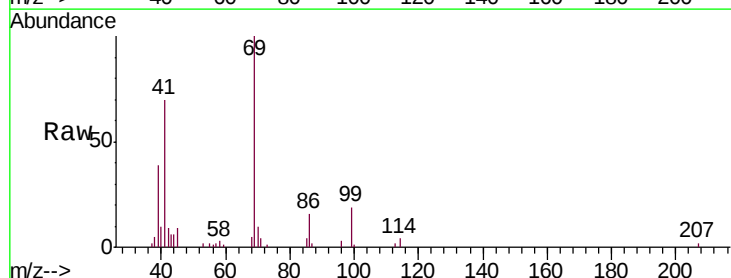
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

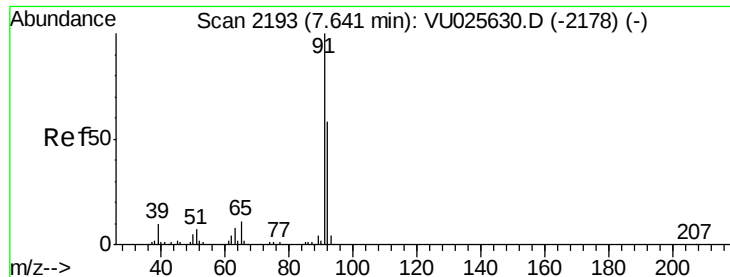
Tgt Ion: 69 Resp: 17392
Ion Ratio Lower Upper
69 100
41 125.9 0.0 245.4
39 76.3 49.0 73.4#
100 38.3 27.8 41.8



#48
Ethyl methacrylate
Concen: 1.813 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 69 Resp: 16801
Ion Ratio Lower Upper
69 100
41 70.4 34.2 102.5





#49

Toluene

Concen: 1.919 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

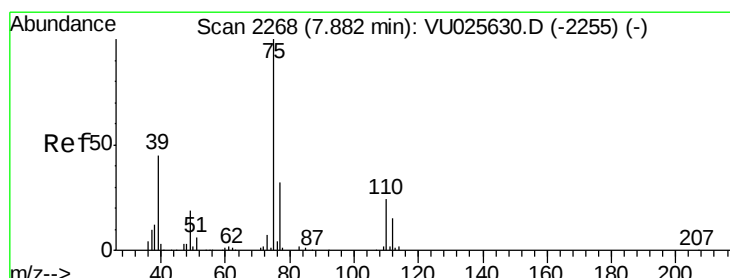
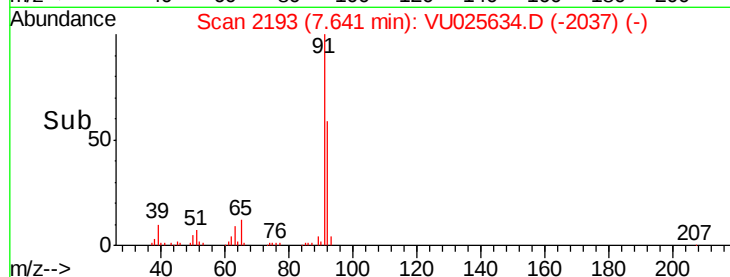
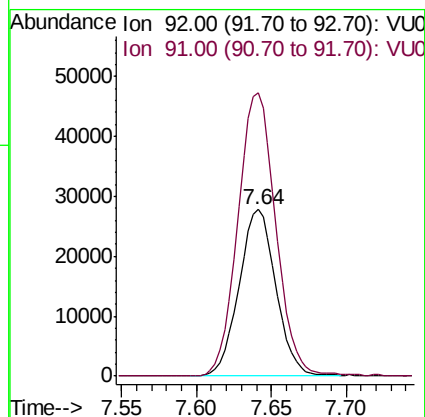
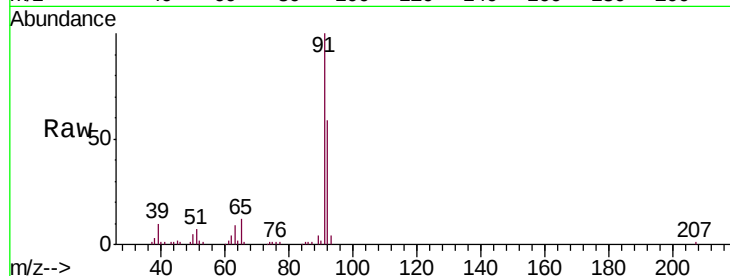
VU0725WBS01

Tgt Ion: 92 Resp: 47764

Ion Ratio Lower Upper

92 100

91 174.9 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 1.917 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025634.D

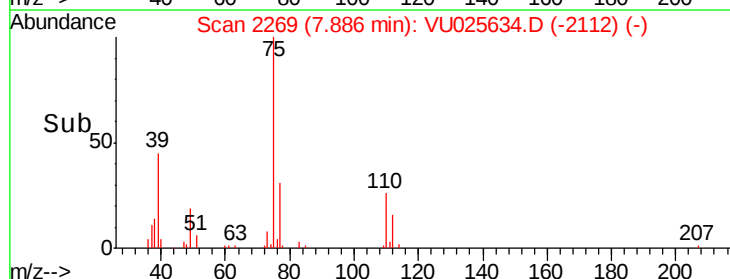
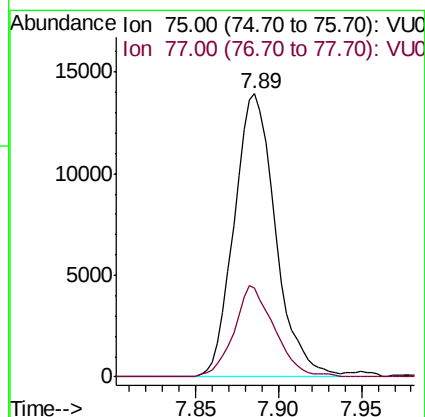
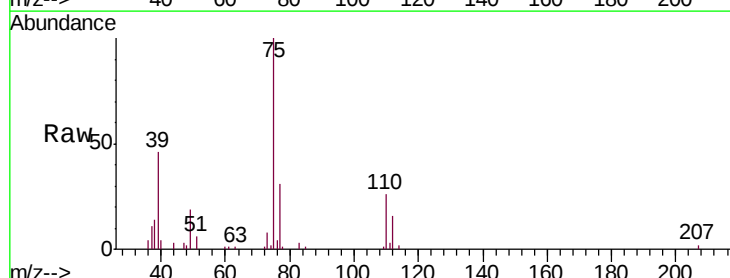
Acq: 25 Jul 2018 13:54

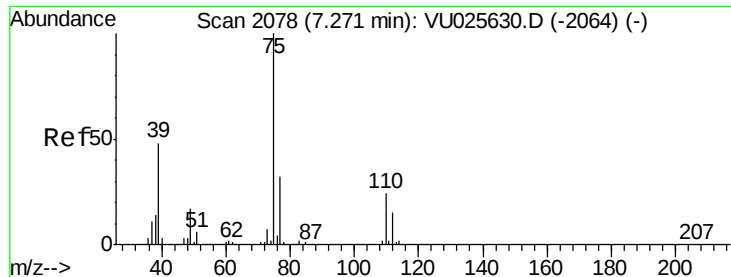
Tgt Ion: 75 Resp: 24192

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

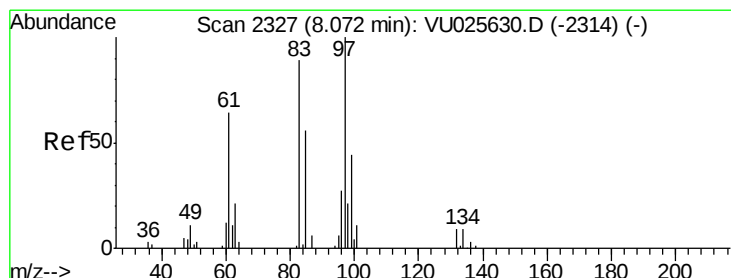
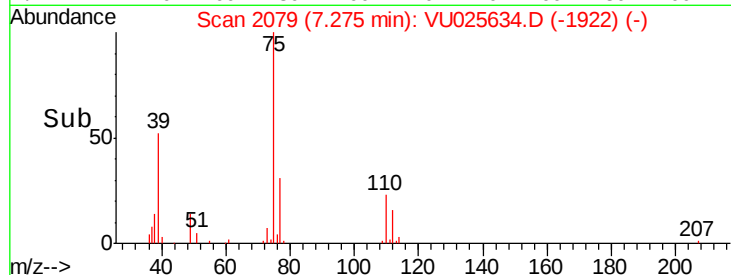
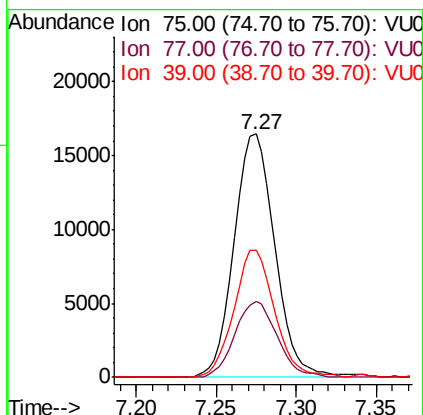
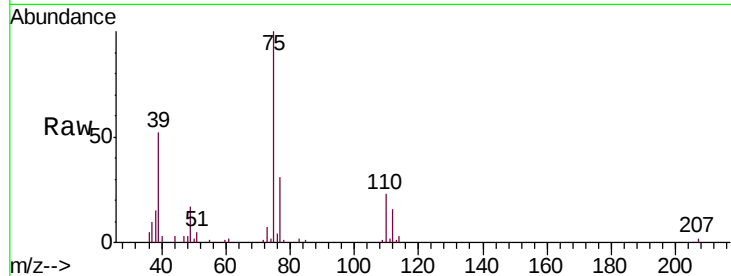




#51
 cis-1,3-Dichloropropene
 Concen: 1.888 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

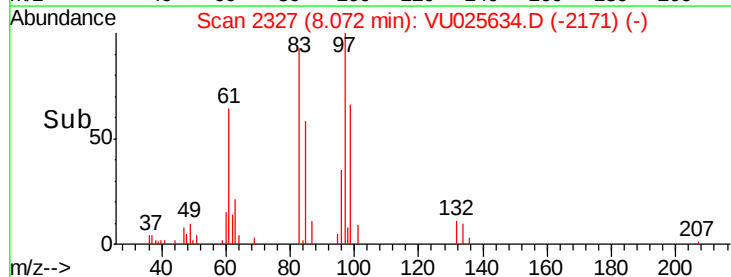
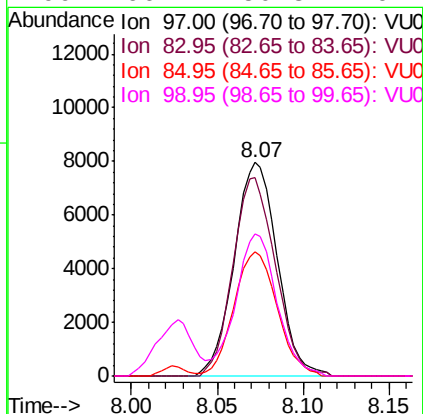
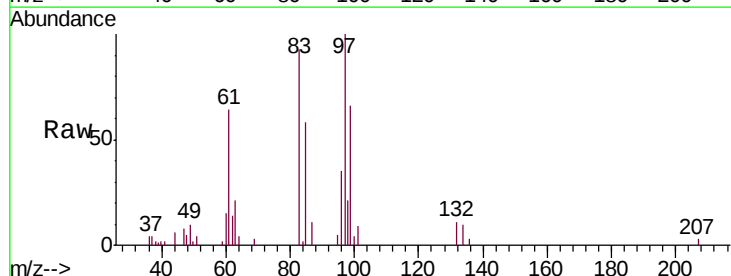
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

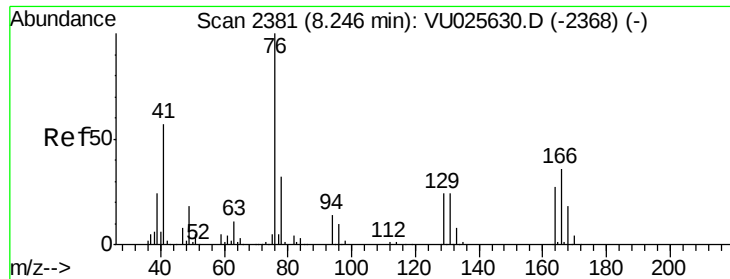
Tgt Ion: 75 Resp: 28540
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 52.2 36.4 54.6



#52
 1,1,2-Trichloroethane
 Concen: 1.874 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 97 Resp: 13859
 Ion Ratio Lower Upper
 97 100
 83 93.1 72.6 109.0
 85 58.3 47.2 70.8
 99 66.4 50.8 76.2

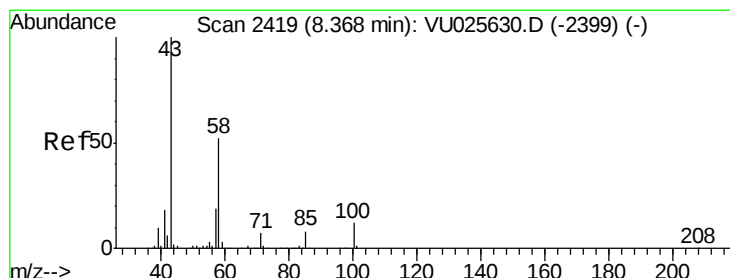
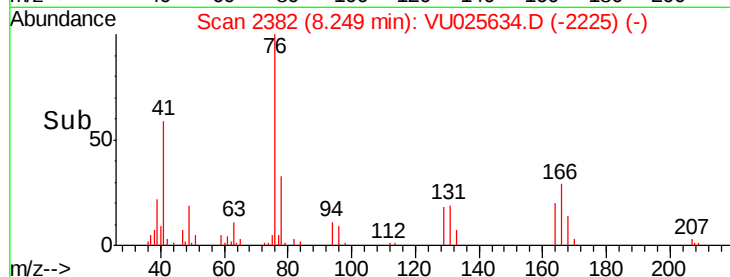
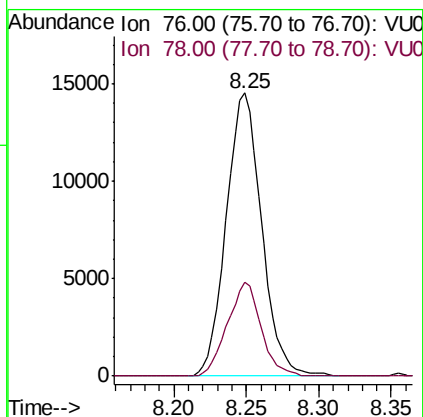
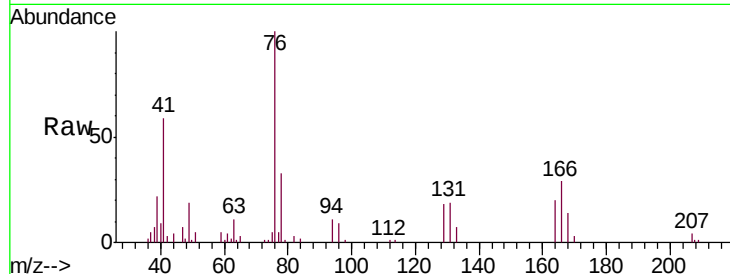




#53
 1,3-Dichloropropane
 Concen: 1.971 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

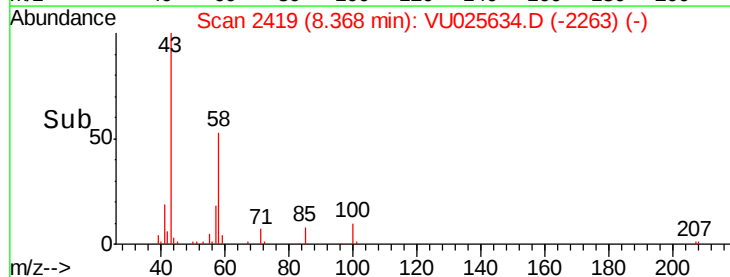
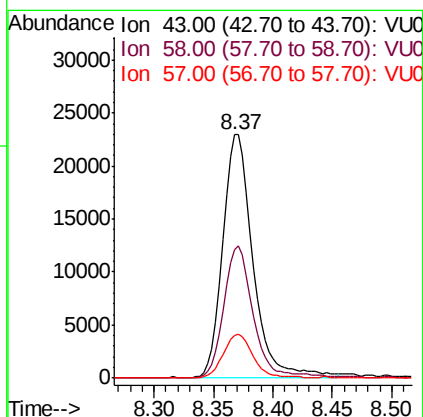
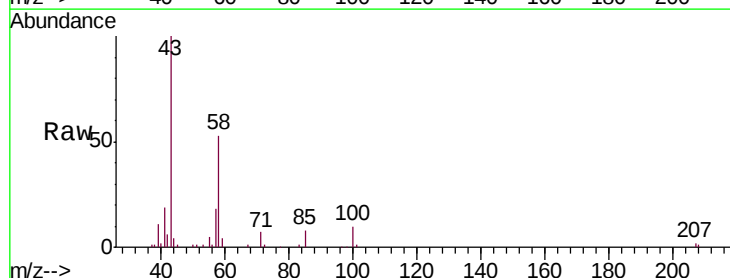
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

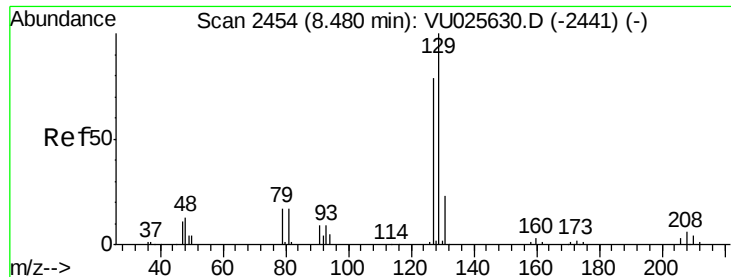
Tgt Ion: 76 Resp: 24611
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#54
 2-Hexanone
 Concen: 9.374 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 43 Resp: 40728
 Ion Ratio Lower Upper
 43 100
 58 52.7 32.5 72.5
 57 17.1 0.0 37.9





#55

Dibromochloromethane

Concen: 1.865 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

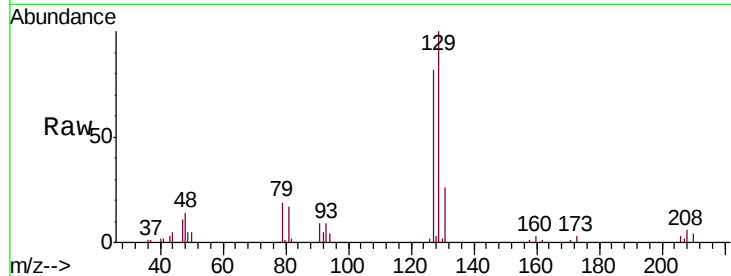
VU0725WBS01

Tgt Ion:129 Resp: 17538

Ion Ratio Lower Upper

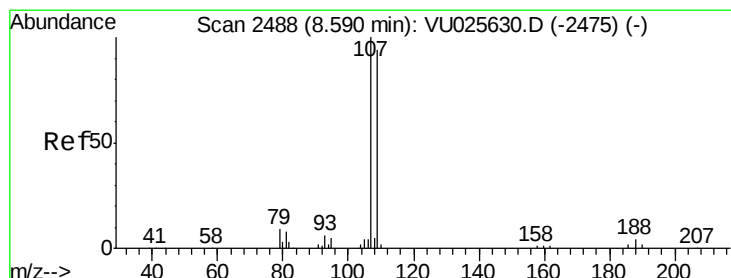
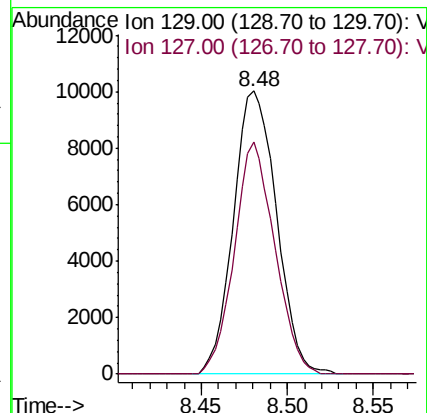
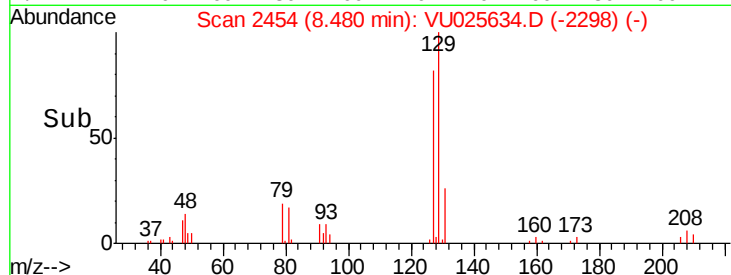
129 100

127 76.7 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: 2.020 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025634.D

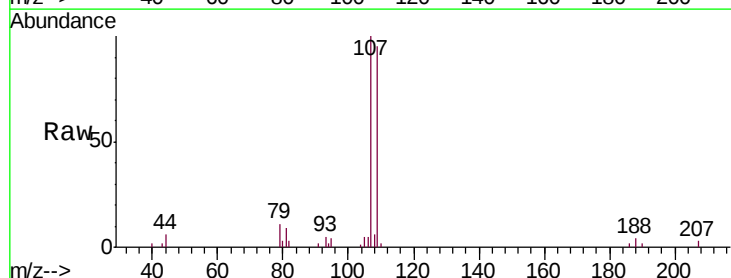
Acq: 25 Jul 2018 13:54

Tgt Ion:107 Resp: 14457

Ion Ratio Lower Upper

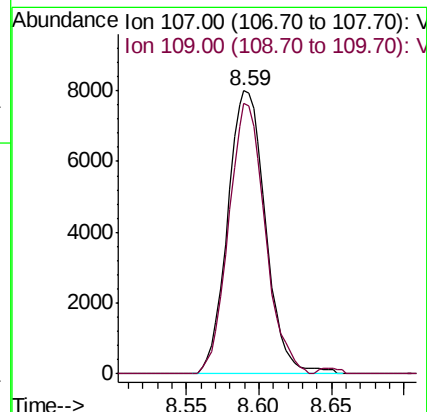
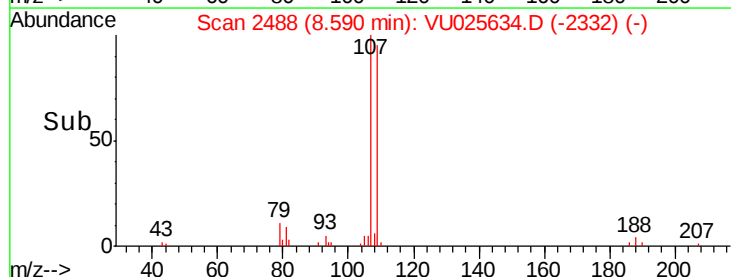
107 100

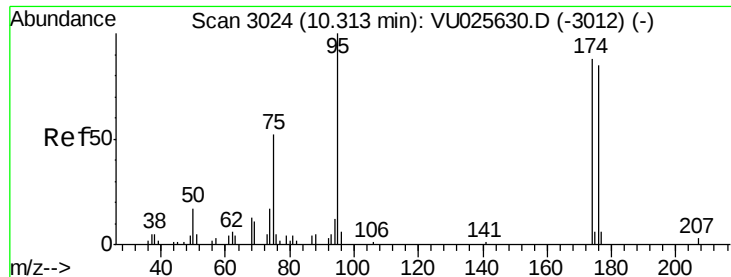
109 92.0 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

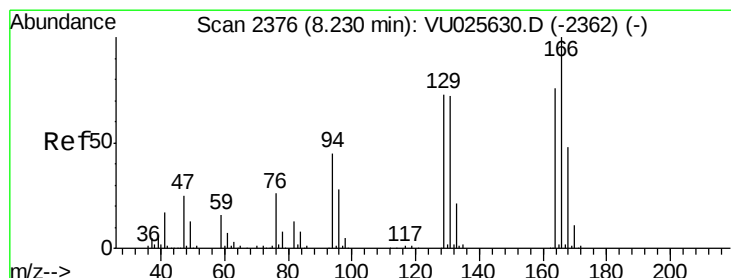
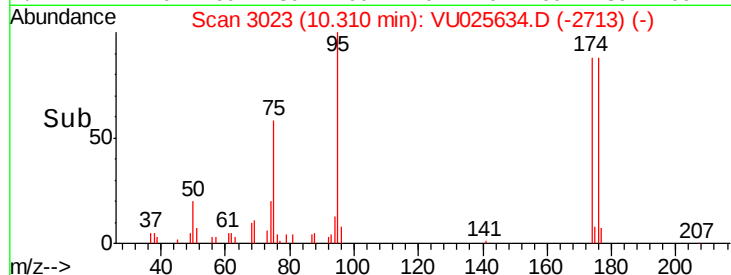
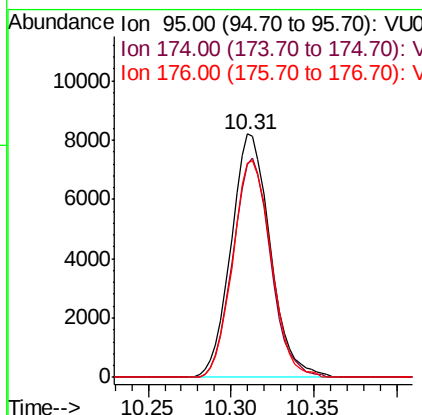
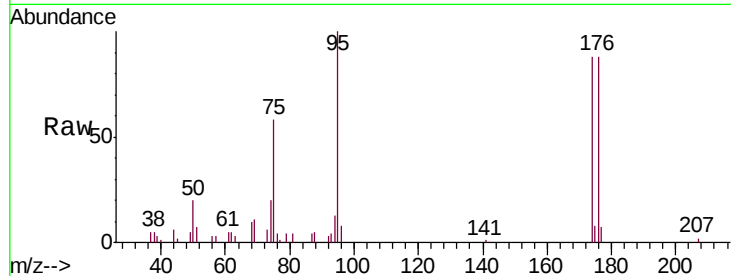




#57
4-Bromofluorobenzene
Concen: 2.020 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

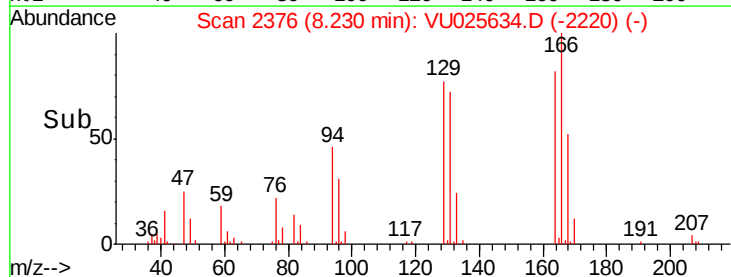
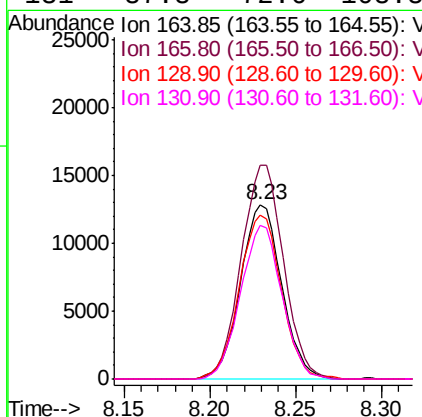
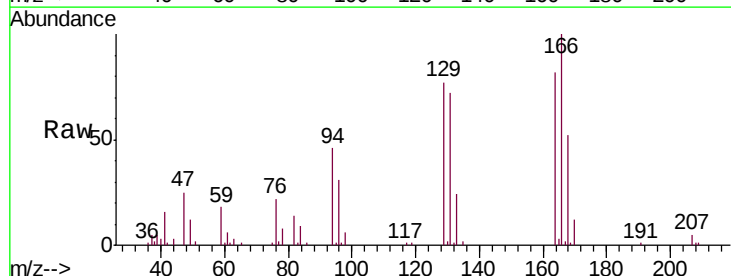
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

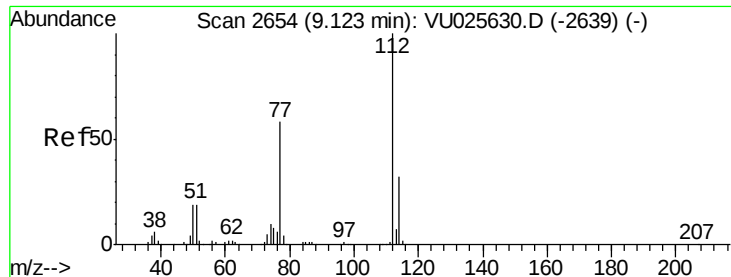
Tgt Ion: 95 Resp: 13552
Ion Ratio Lower Upper
95 100
174 86.4 65.6 98.4
176 86.7 62.0 93.0



#58
Tetrachloroethene
Concen: 1.975 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 164 Resp: 21298
Ion Ratio Lower Upper
164 100
166 122.2 104.1 156.1
129 93.8 76.8 115.2
131 87.8 72.6 108.8





#59

Chlorobenzene

Concen: 1.939 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

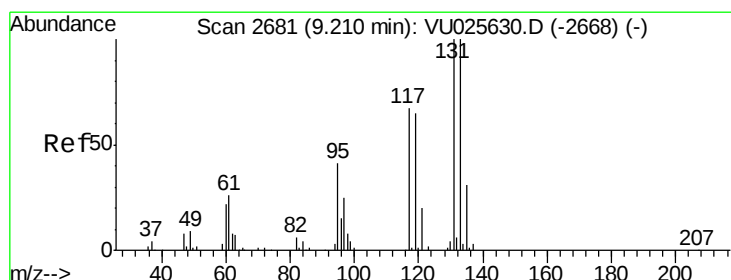
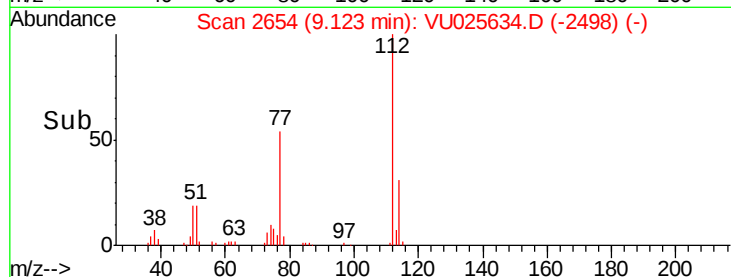
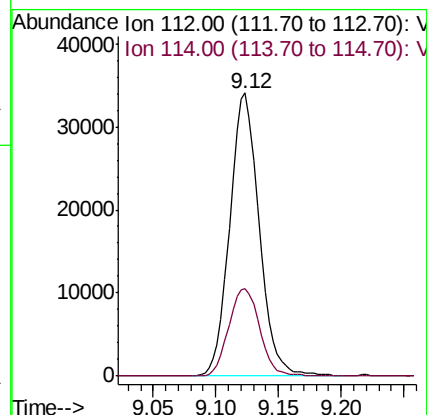
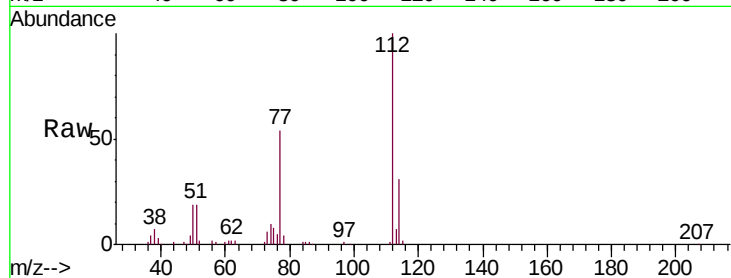
VU0725WBS01

Tgt Ion:112 Resp: 55488

Ion Ratio Lower Upper

112 100

114 30.8 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.913 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

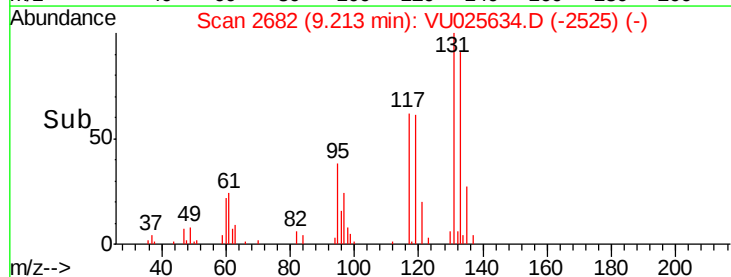
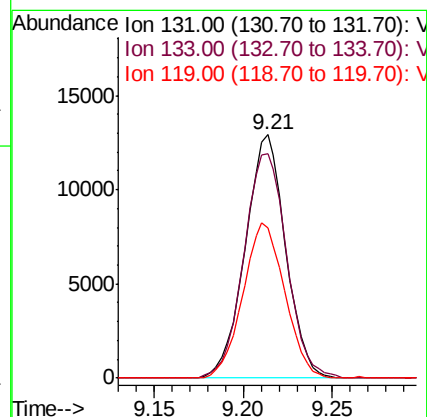
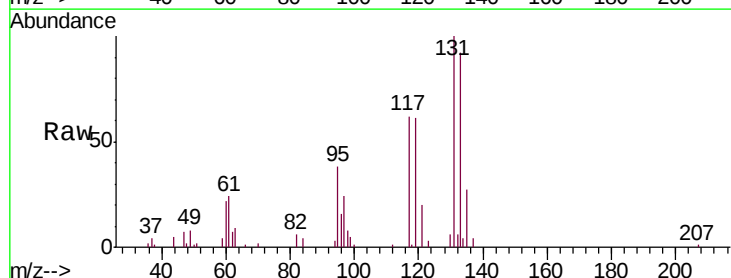
Tgt Ion:131 Resp: 20330

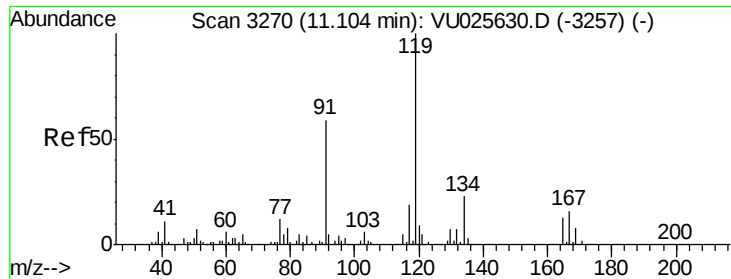
Ion Ratio Lower Upper

131 100

133 98.1 75.8 113.8

119 66.0 53.0 79.6





#61

Pentachloroethane

Concen: 1.924 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

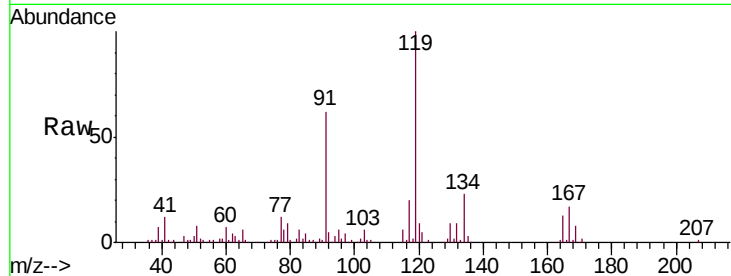
VU0725WBS01

Tgt Ion:117 Resp: 15607

Ion Ratio Lower Upper

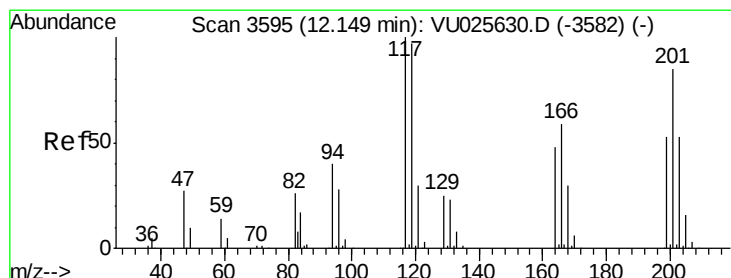
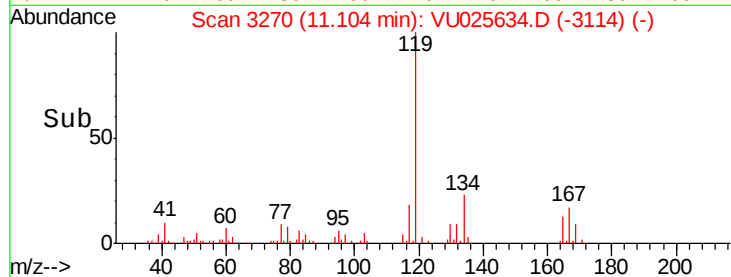
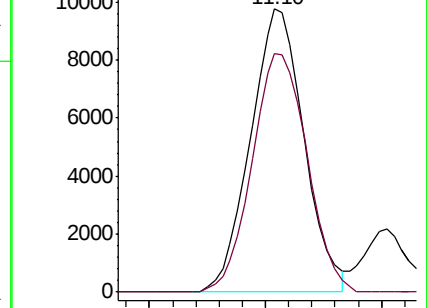
117 100

167 86.7 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.848 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025634.D

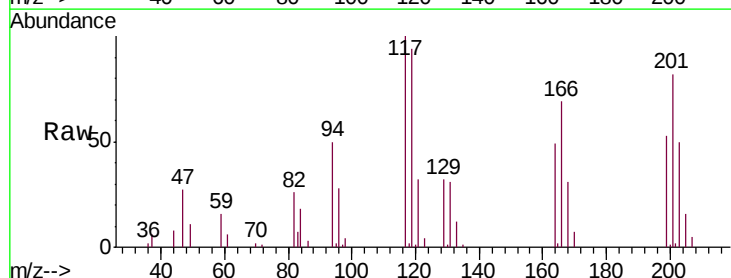
Acq: 25 Jul 2018 13:54

Tgt Ion:117 Resp: 15305

Ion Ratio Lower Upper

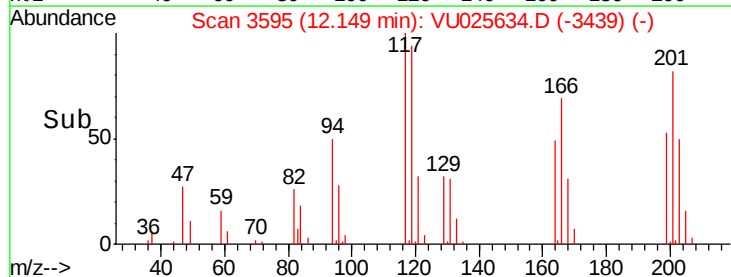
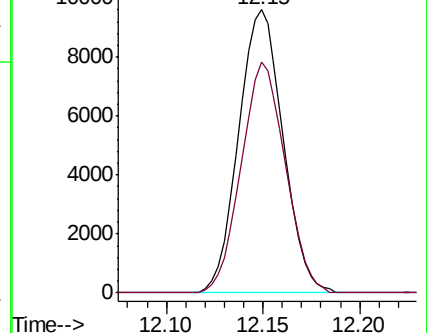
117 100

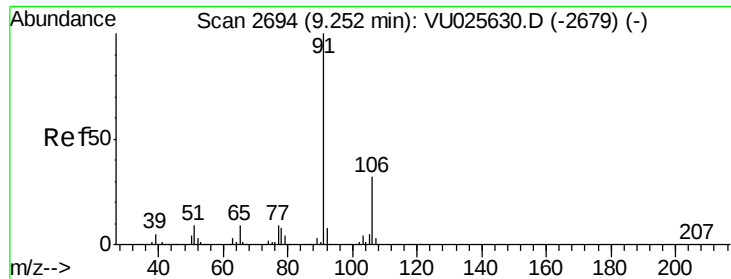
201 81.0 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

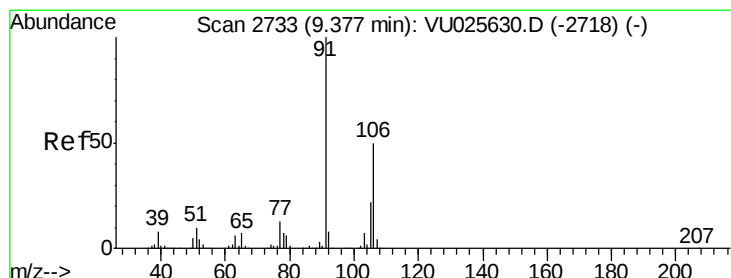
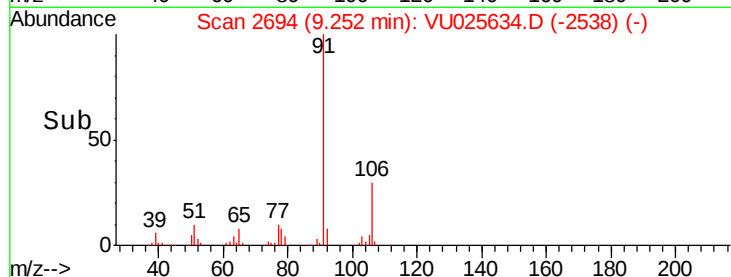
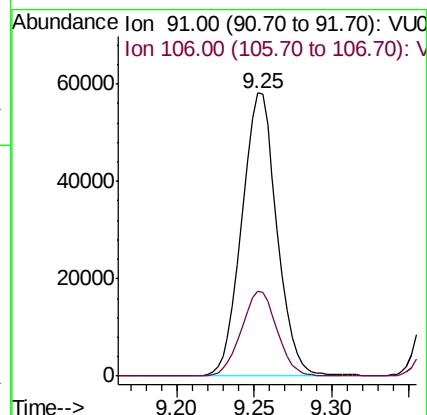
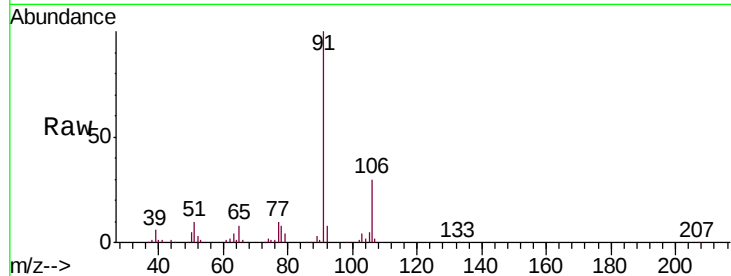




#63
Ethyl Benzene
Concen: 1.926 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

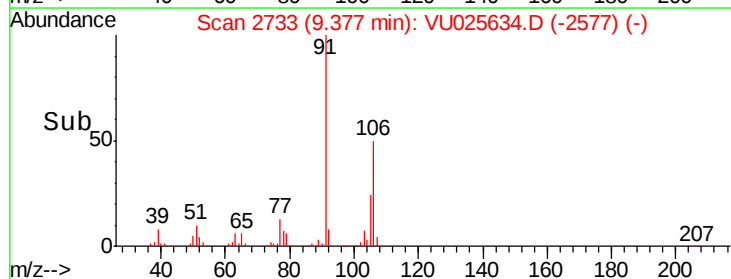
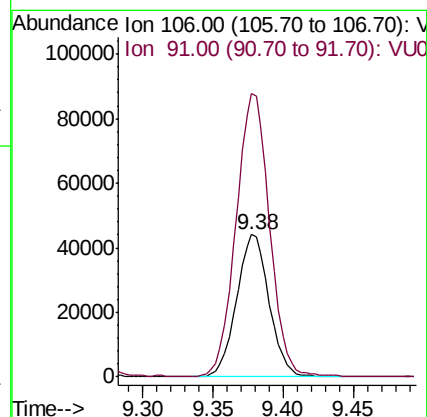
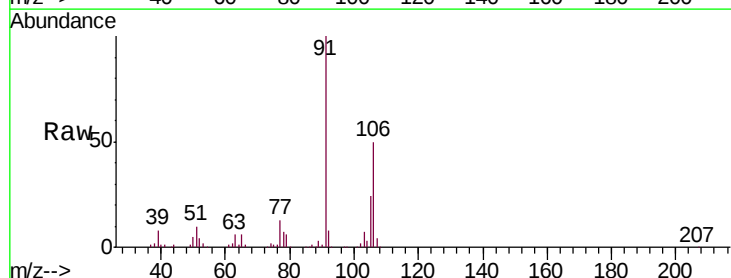
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

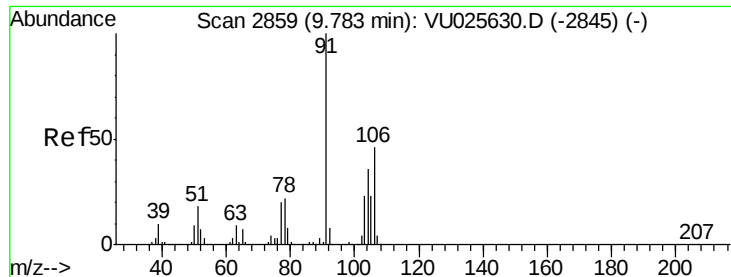
Tgt Ion: 91 Resp: 91674
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1



#64
m/p-Xylenes
Concen: 3.802 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 106 Resp: 71146
Ion Ratio Lower Upper
106 100
91 204.9 164.1 246.1

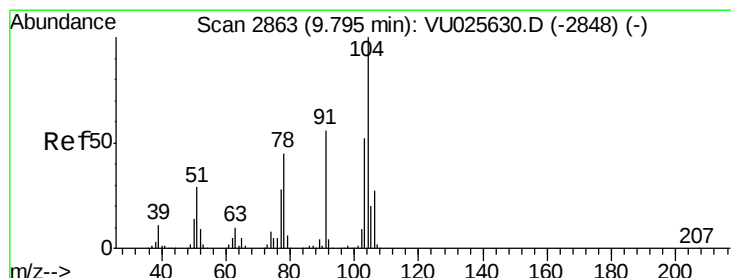
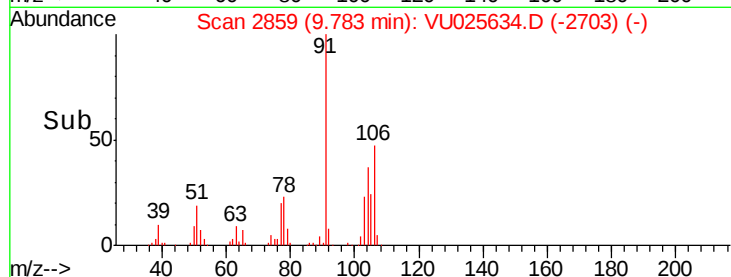
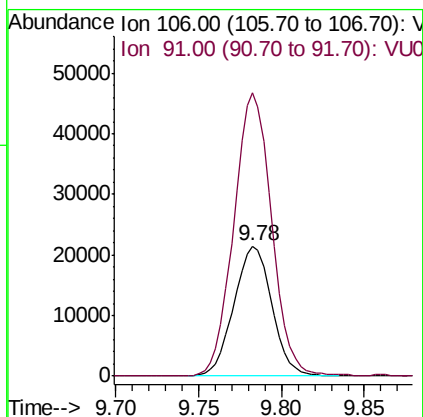
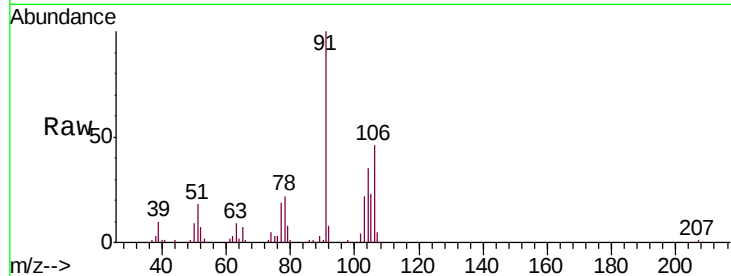




#65
o-Xylene
Concen: 1.912 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

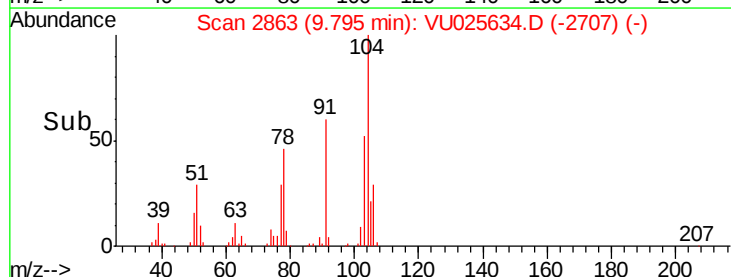
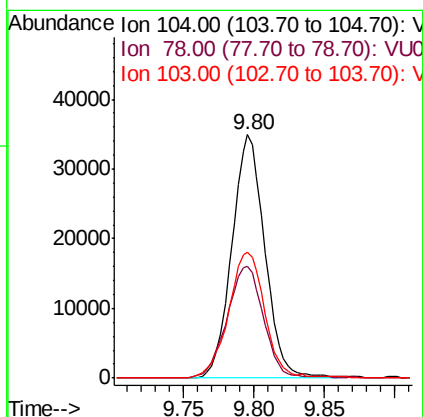
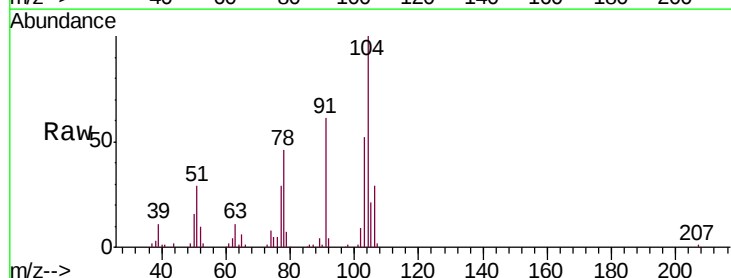
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

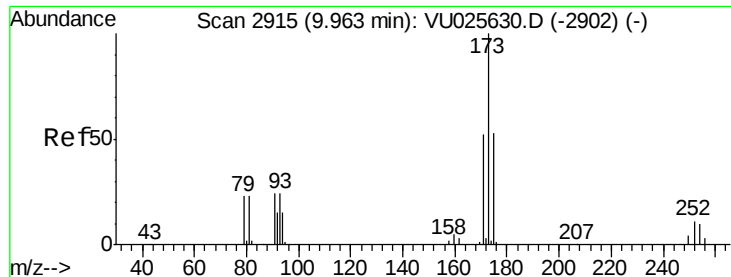
Tgt Ion:106 Resp: 34101
Ion Ratio Lower Upper
106 100
91 217.9 107.9 323.7



#66
Styrene
Concen: 1.886 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion:104 Resp: 57107
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.2
103 57.0 44.2 66.4

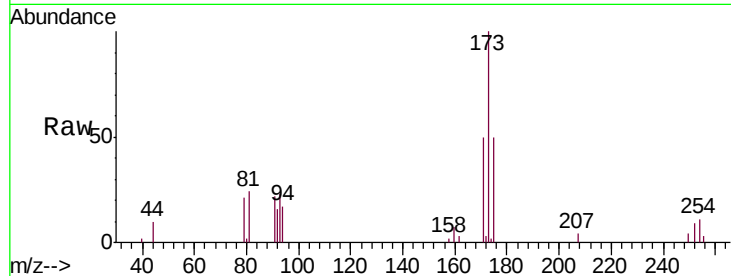




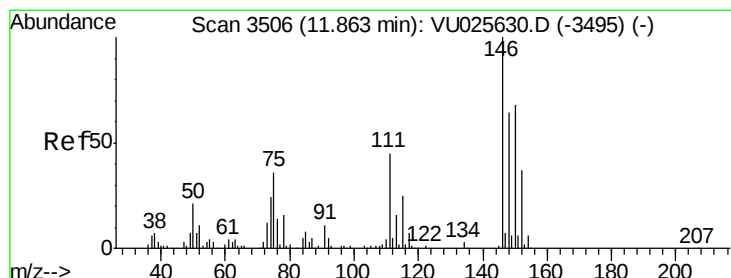
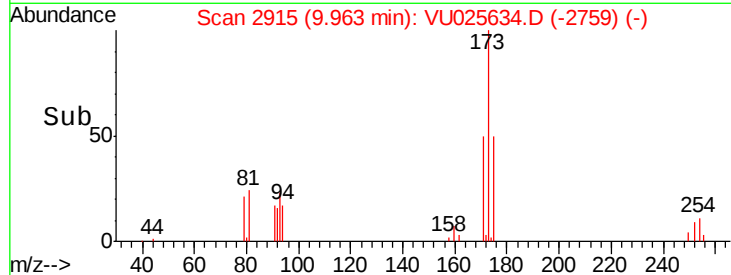
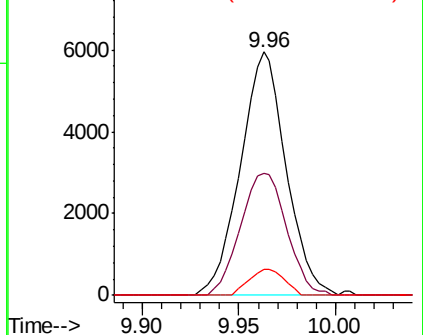
#67
 Bromoform
 Concen: 1.761 ug/l
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tgt Ion:173 Resp: 9771
 Ion Ratio Lower Upper
 173 100
 175 50.7 38.6 57.8
 254 8.2 8.8 13.2#

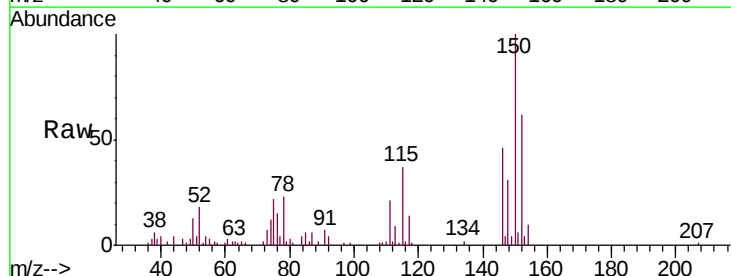


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

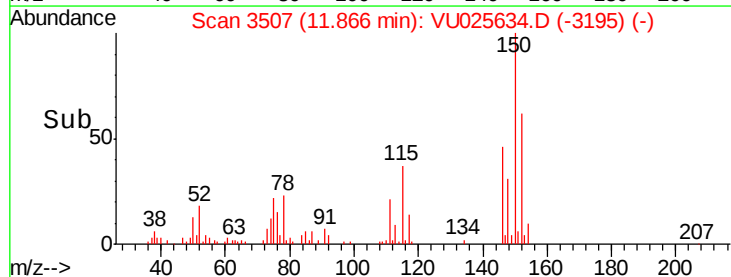
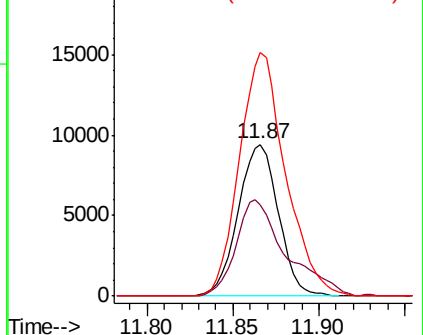


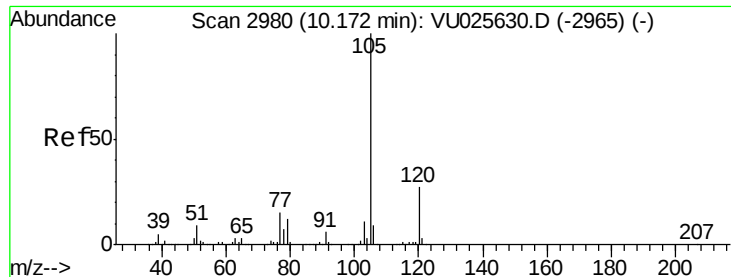
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.761 ug/l
 RT: 11.87 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion:152 Resp: 15384
 Ion Ratio Lower Upper
 152 100
 115 78.7 0.0 118.8
 150 183.4 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: 1.905 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

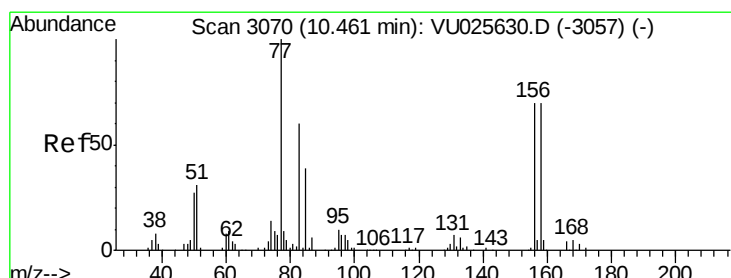
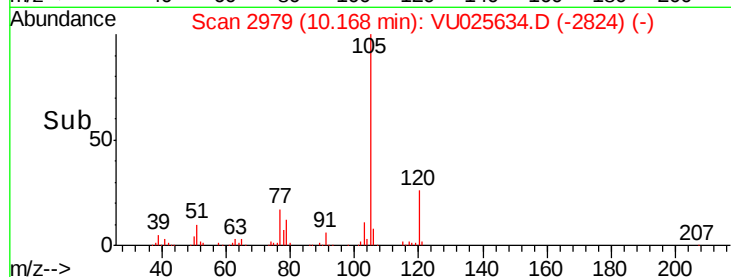
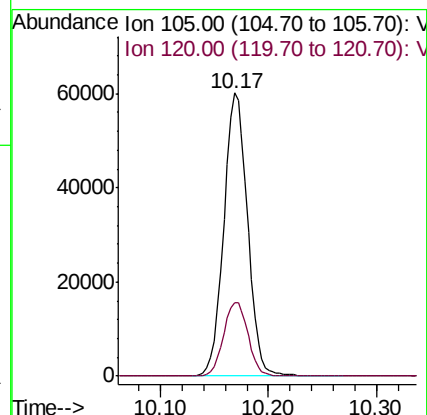
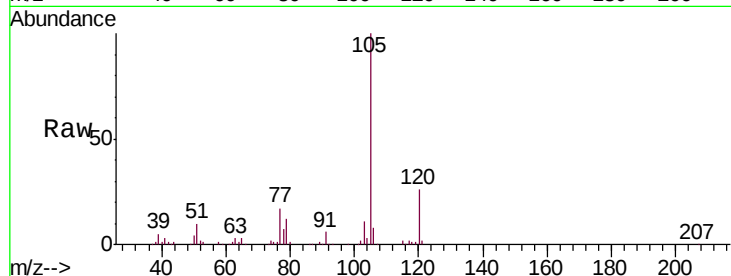
VU0725WBS01

Tgt Ion:105 Resp: 91767

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 1.859 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

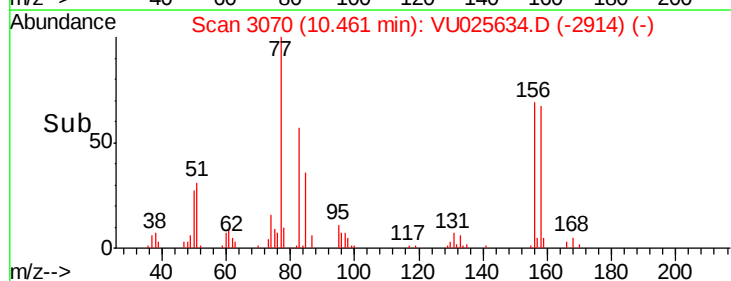
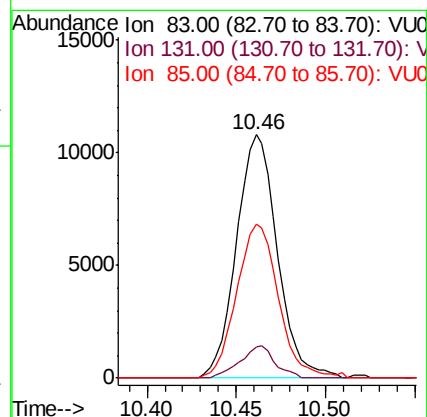
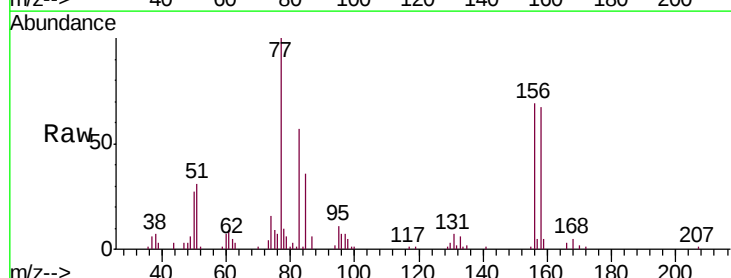
Tgt Ion: 83 Resp: 17273

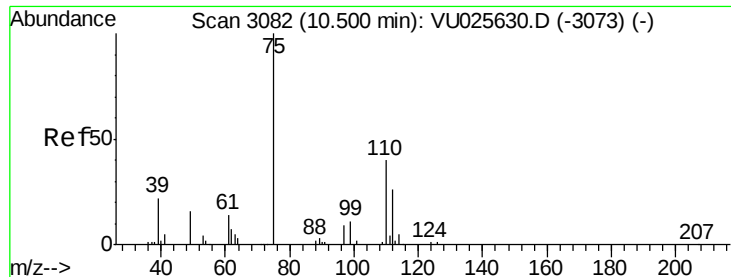
Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.9 51.8 77.6

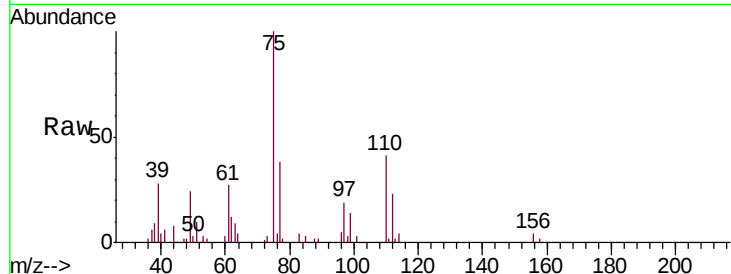




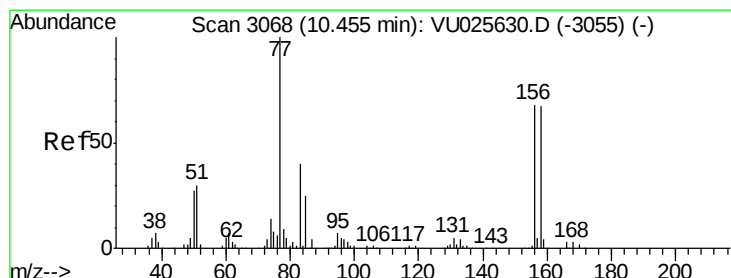
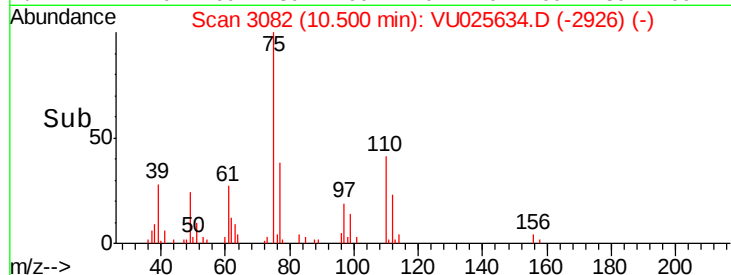
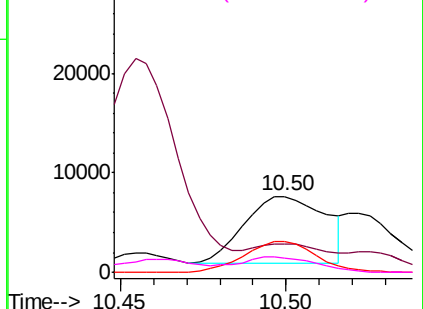
#71
1,2,3-Trichloropropane
Concen: 1.567 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tgt Ion: 75 Resp: 11352
Ion Ratio Lower Upper
75 100
77 11.2 0.0 0.0#
110 41.7 0.0 74.0
97 20.8 0.0 39.6

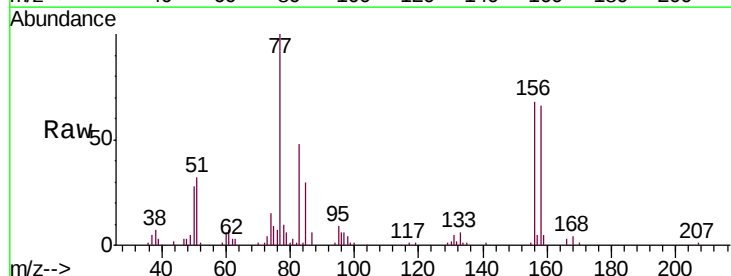


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0

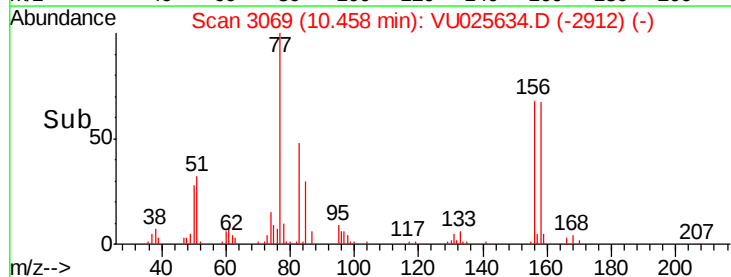
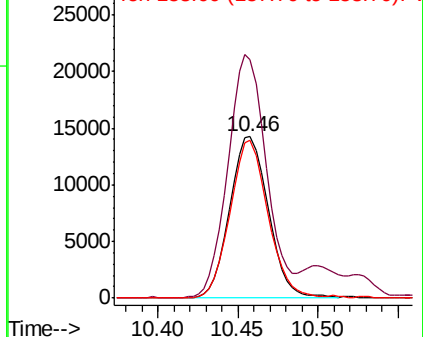


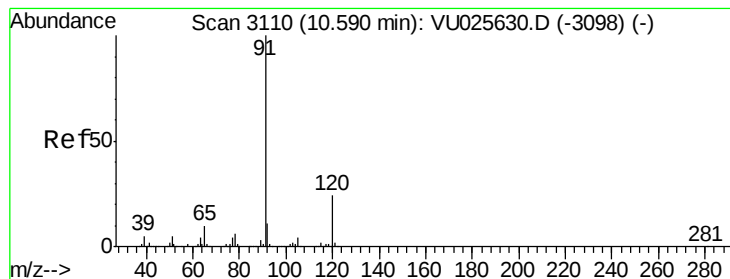
#72
Bromobenzene
Concen: 1.880 ug/l
RT: 10.46 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 156 Resp: 23518
Ion Ratio Lower Upper
156 100
77 151.4 0.0 309.8
158 95.8 0.0 193.0



Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.909 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

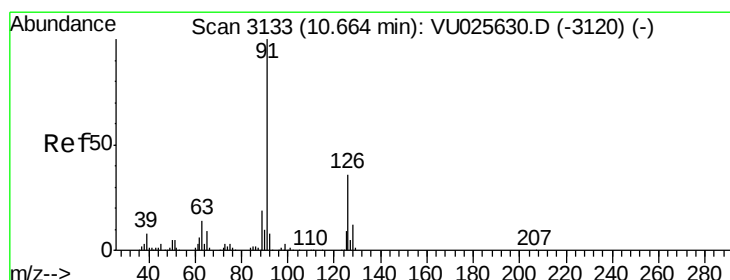
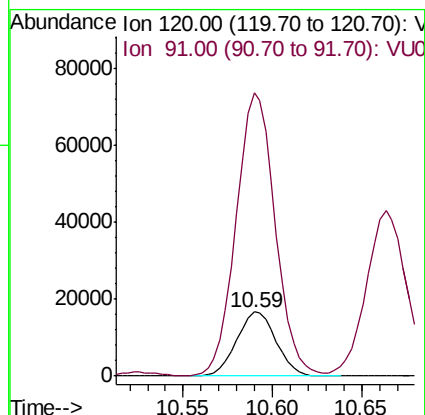
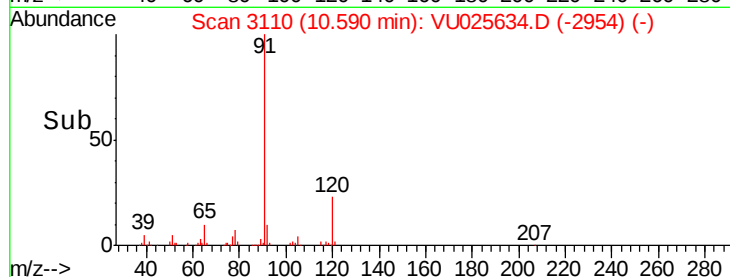
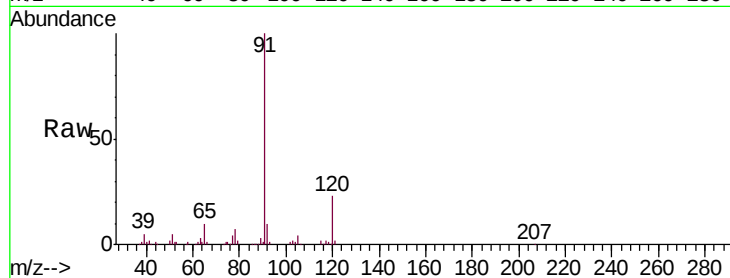
VU0725WBS01

Tgt Ion:120 Resp: 25921

Ion Ratio Lower Upper

120 100

91 431.6 352.2 528.4



#74

2-Chlorotoluene

Concen: 1.919 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025634.D

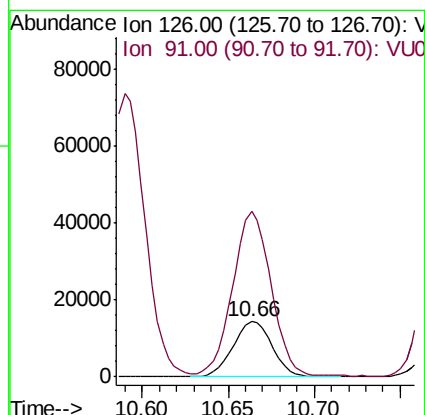
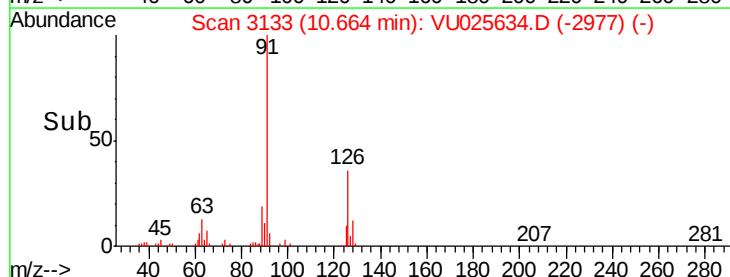
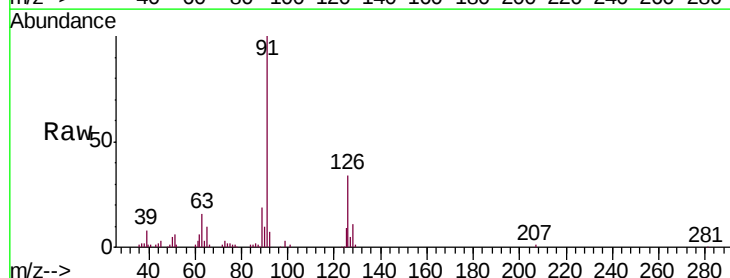
Acq: 25 Jul 2018 13:54

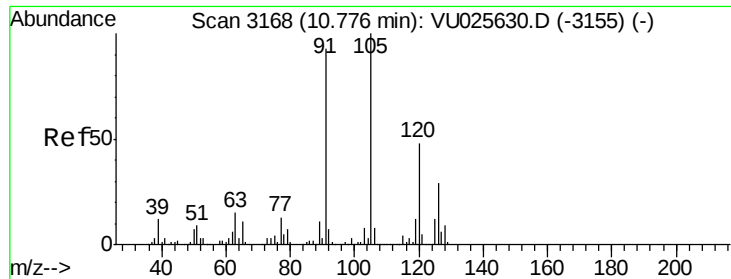
Tgt Ion:126 Resp: 22942

Ion Ratio Lower Upper

126 100

91 288.7 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 1.920 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

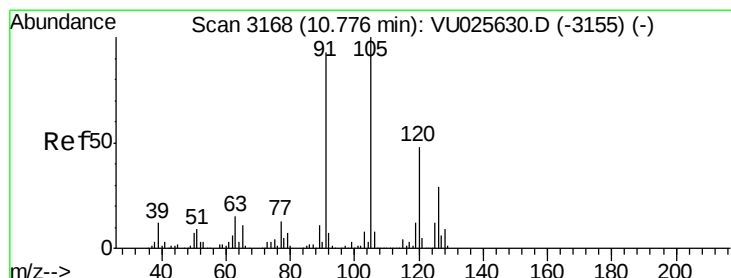
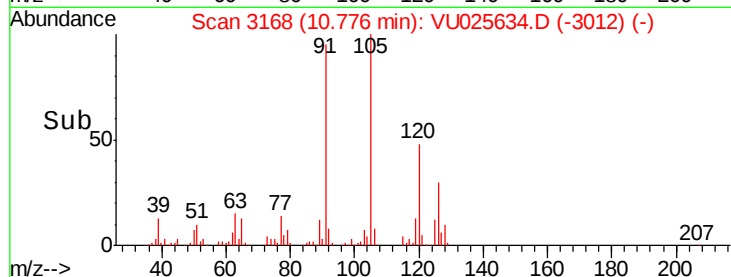
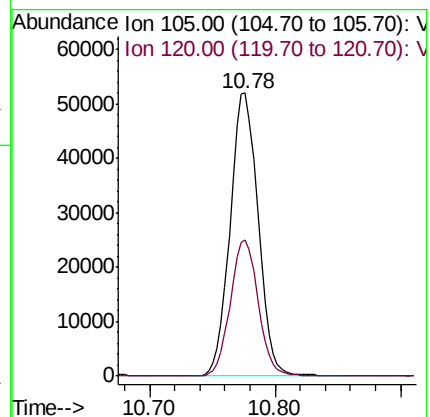
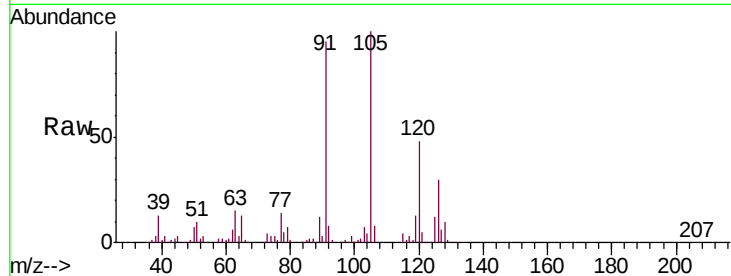
VU0725WBS01

Tgt Ion:105 Resp: 80782

Ion Ratio Lower Upper

105 100

120 47.9 39.0 58.6



#76

4-Chlorotoluene

Concen: 1.891 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025634.D

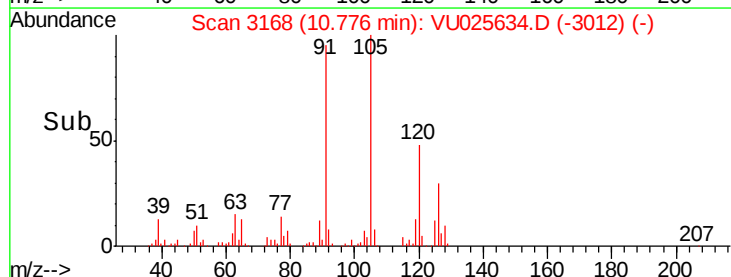
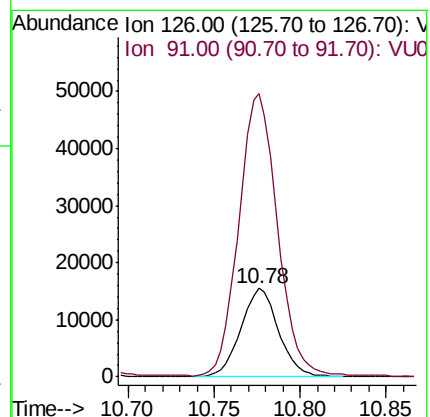
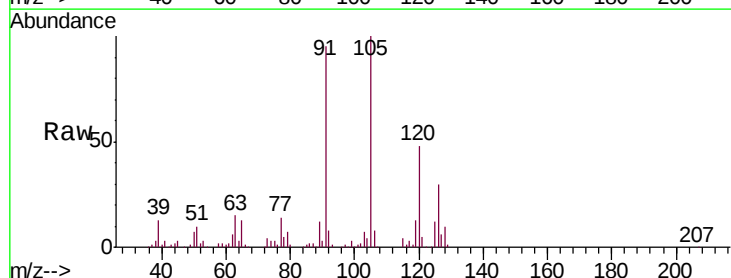
Acq: 25 Jul 2018 13:54

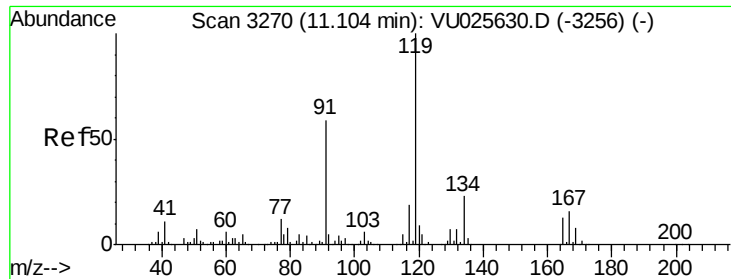
Tgt Ion:126 Resp: 23761

Ion Ratio Lower Upper

126 100

91 325.2 0.0 667.2

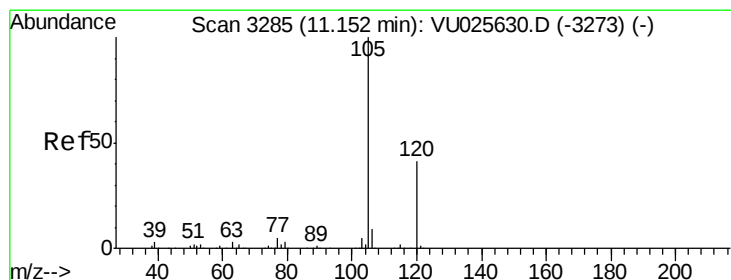
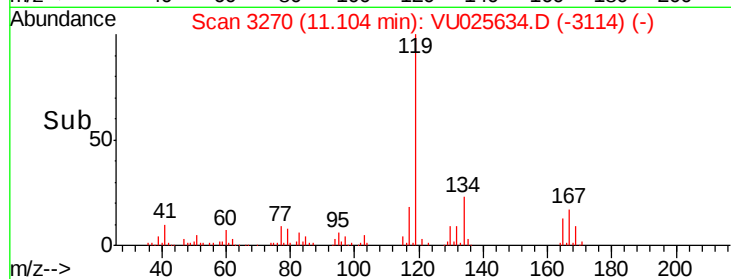
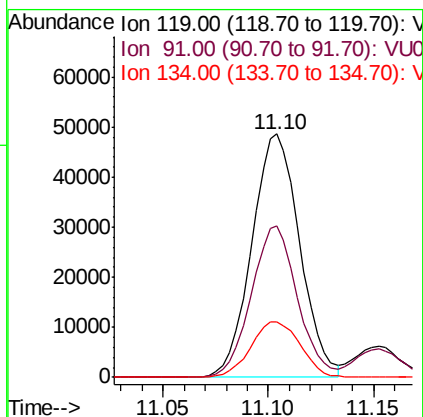
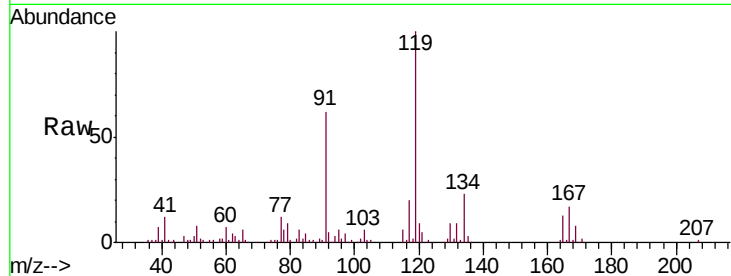




#77
 tert-Butylbenzene
 Concen: 1.854 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

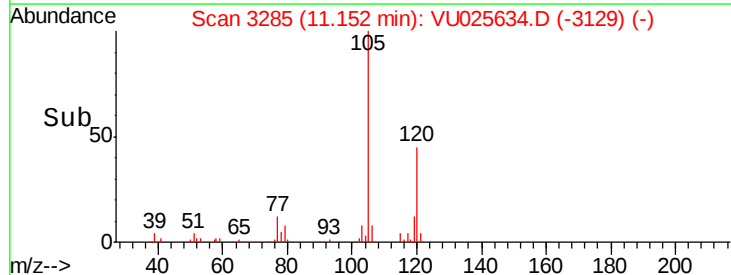
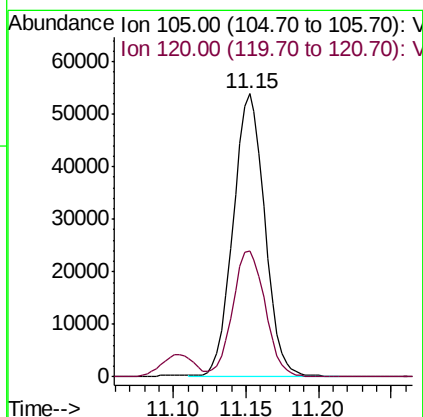
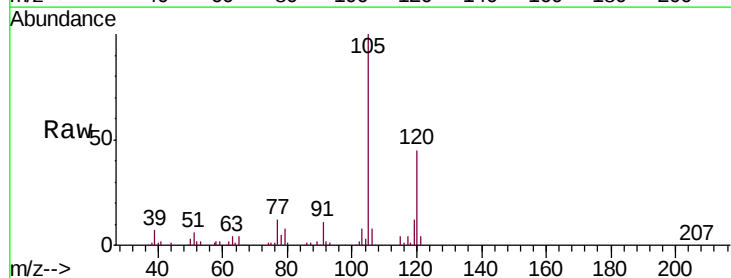
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

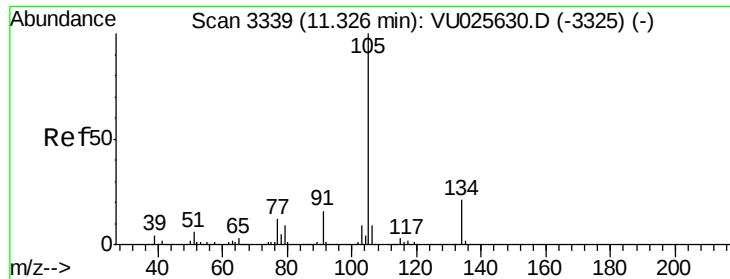
Tgt Ion:119 Resp: 76889
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.6 88.8
 134 23.6 19.1 28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 1.903 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion:105 Resp: 81705
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3

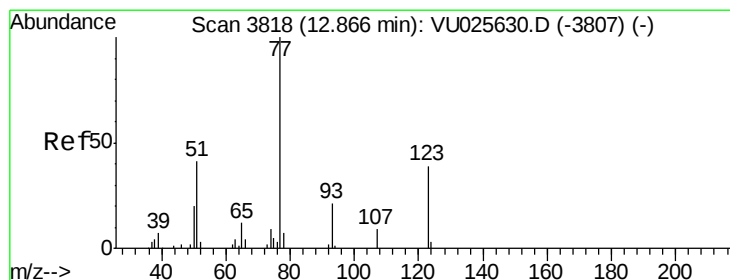
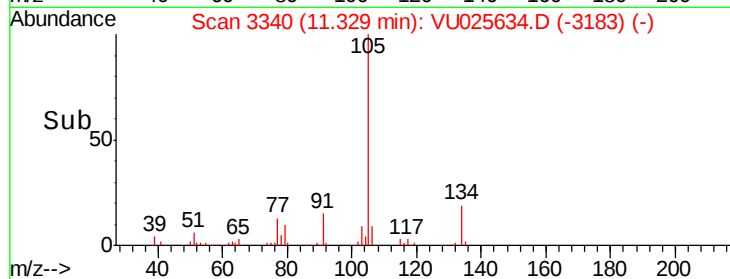
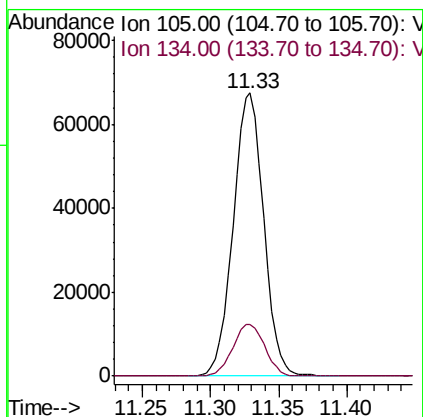
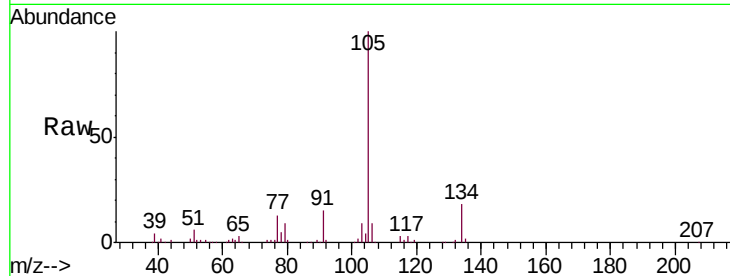




#79
 sec-Butylbenzene
 Concen: 1.919 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

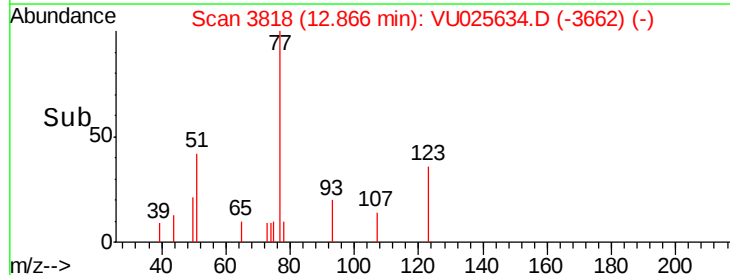
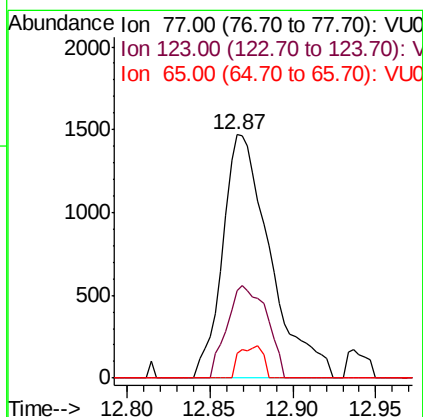
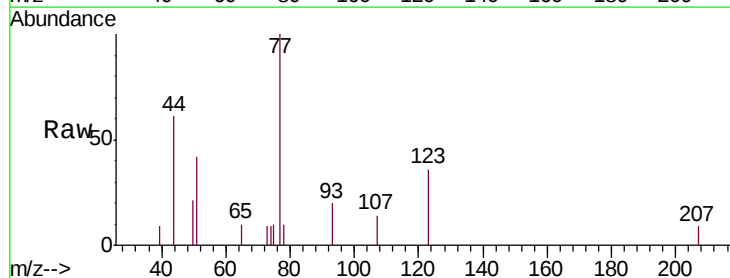
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

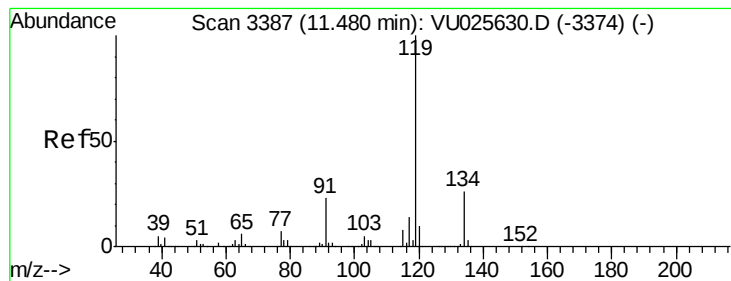
Tgt Ion:105 Resp: 104598
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.6 23.4



#80
 Nitrobenzene
 Concen: 10.383 ug/l
 RT: 12.87 min Scan# 3818
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 77 Resp: 2937
 Ion Ratio Lower Upper
 77 100
 123 31.6 19.4 68.6
 65 6.6 11.2 14.2#





#81

p-Isopropyltoluene

Concen: 1.873 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

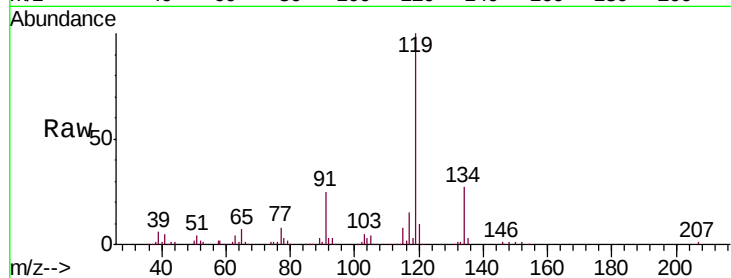
Tgt Ion:119 Resp: 86560

Ion Ratio Lower Upper

119 100

134 26.5 20.9 31.3

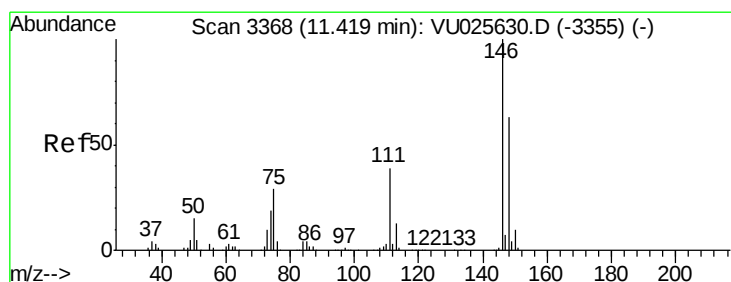
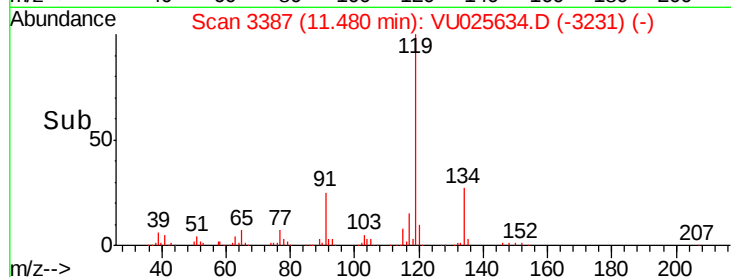
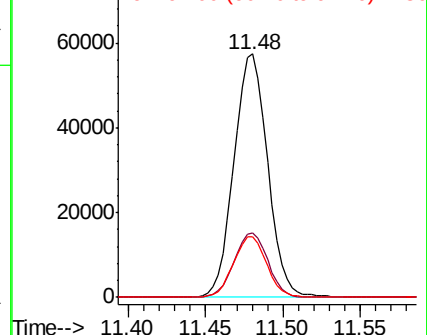
91 24.8 18.2 27.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 1.942 ug/l

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

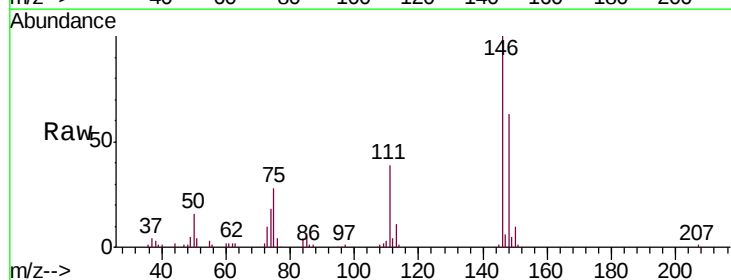
Tgt Ion:146 Resp: 49978

Ion Ratio Lower Upper

146 100

111 39.7 31.8 47.6

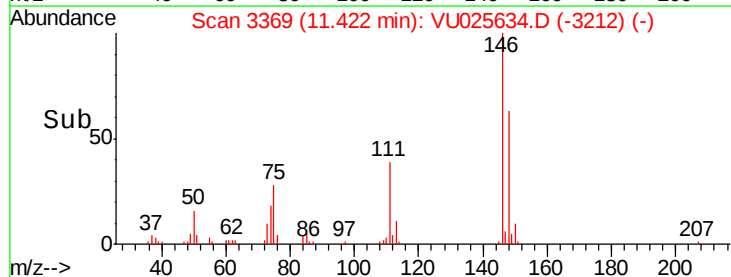
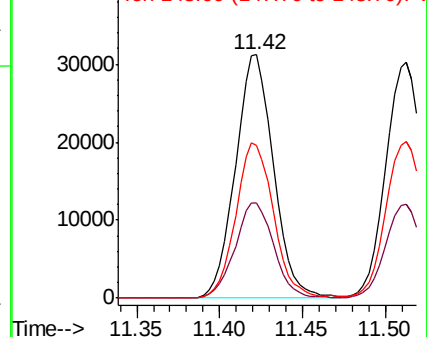
148 63.3 51.0 76.4

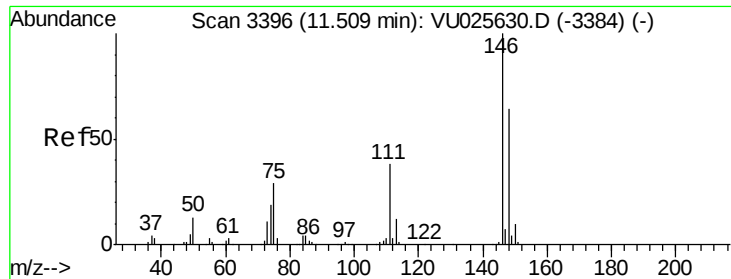


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

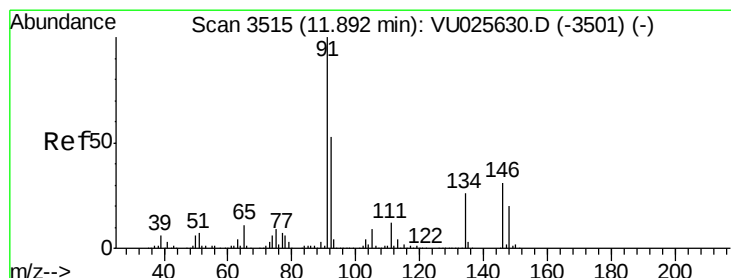
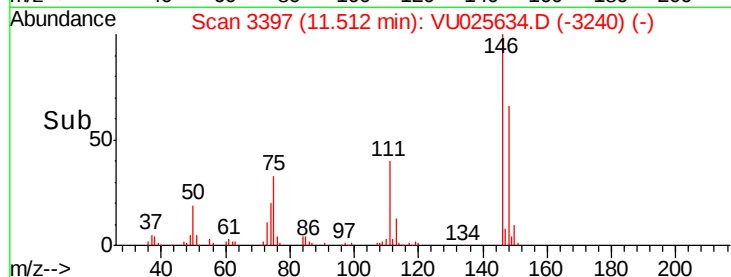
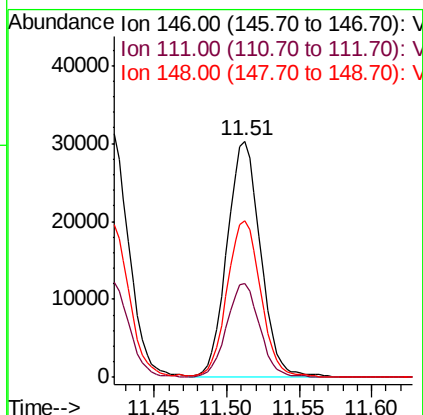
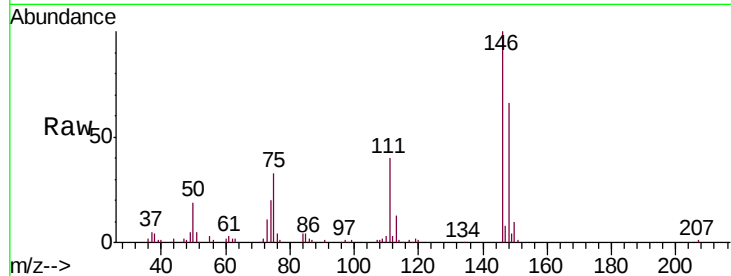




#83
 1,4-Dichlorobenzene
 Concen: 1.939 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

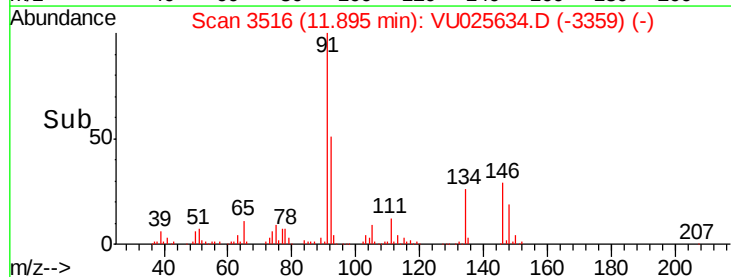
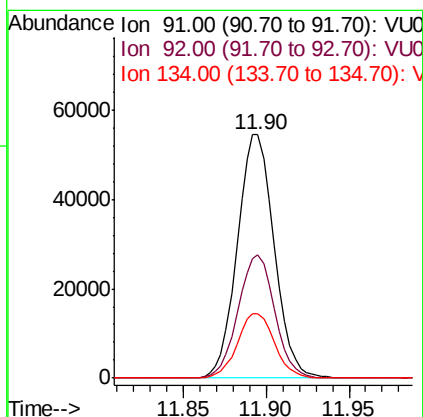
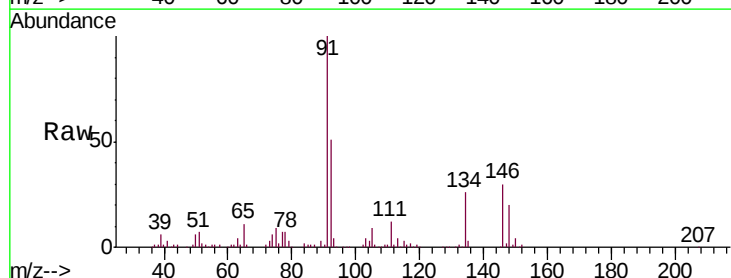
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

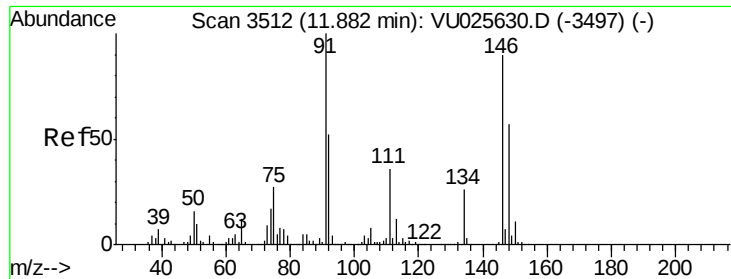
Tgt Ion: 146 Resp: 48658
 Ion Ratio Lower Upper
 146 100
 111 38.9 30.1 45.1
 148 66.8 50.6 76.0



#84
 n-Butylbenzene
 Concen: 1.941 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 91 Resp: 84166
 Ion Ratio Lower Upper
 91 100
 92 50.2 42.2 63.2
 134 26.7 20.3 30.5





#85

1,2-Dichlorobenzene

Concen: 1.984 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

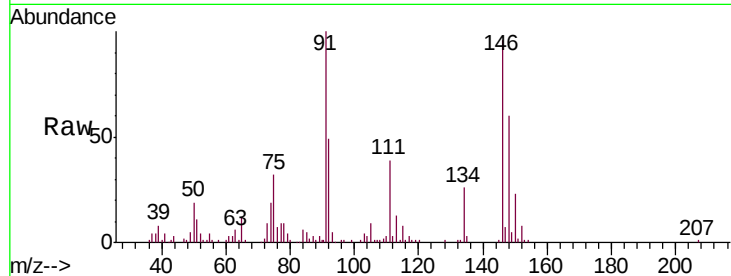
Tgt Ion:146 Resp: 46618

Ion Ratio Lower Upper

146 100

111 42.0 20.7 62.1

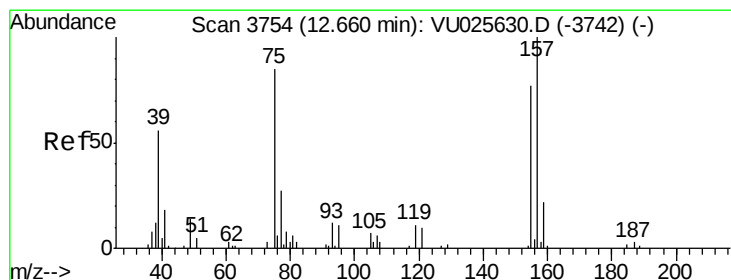
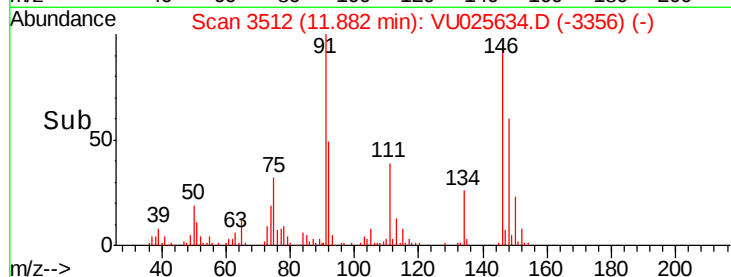
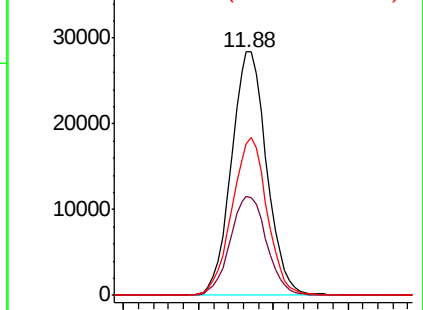
148 64.6 31.9 95.5



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.951 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

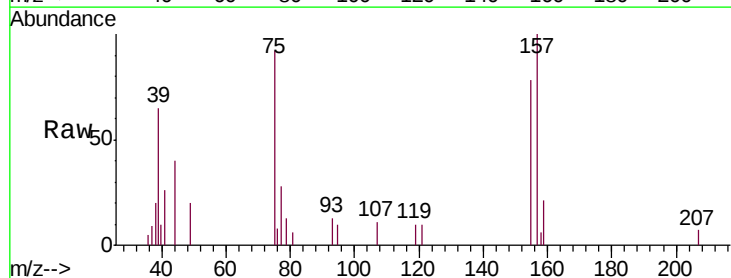
Tgt Ion: 75 Resp: 2991

Ion Ratio Lower Upper

75 100

155 81.0 65.8 98.6

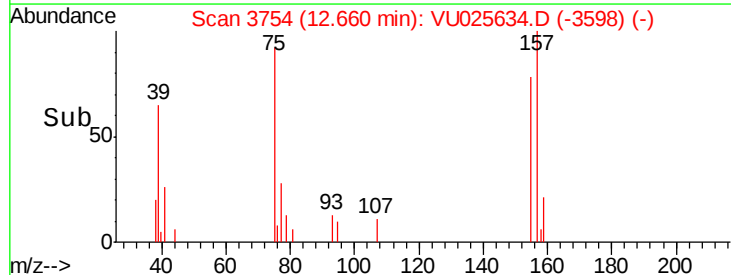
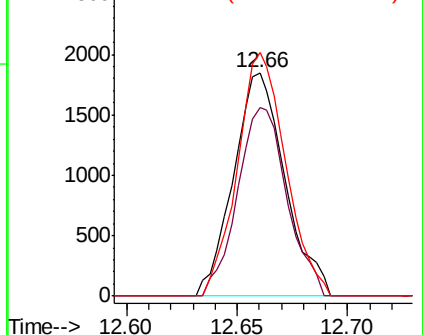
157 102.6 83.5 125.3

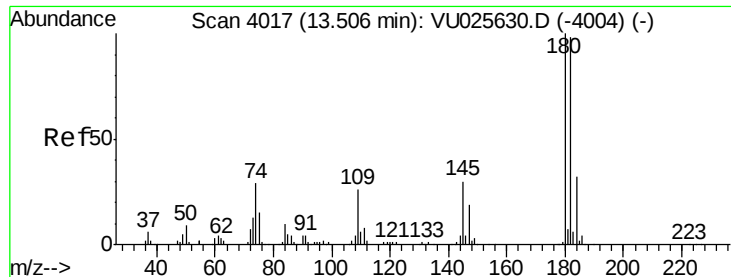


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

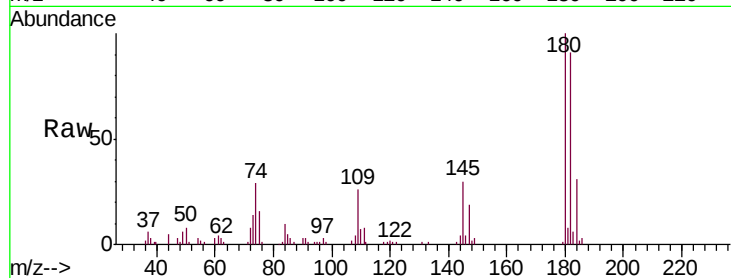




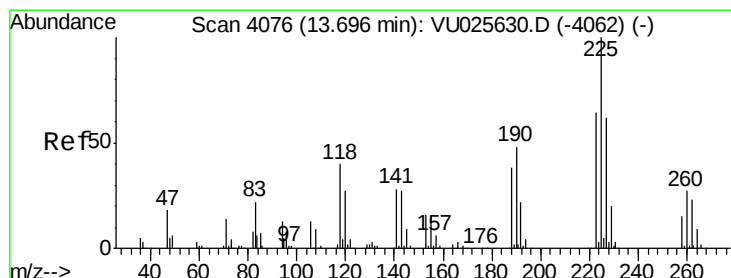
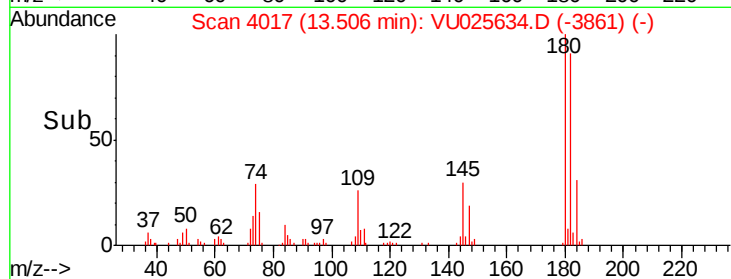
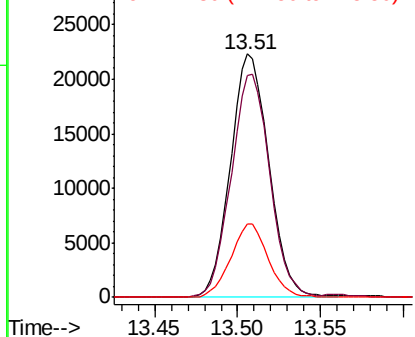
#87
 1,2,4-Trichlorobenzene
 Concen: 2.201 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tgt Ion:180 Resp: 36013
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.1 115.7
 145 29.3 23.3 34.9

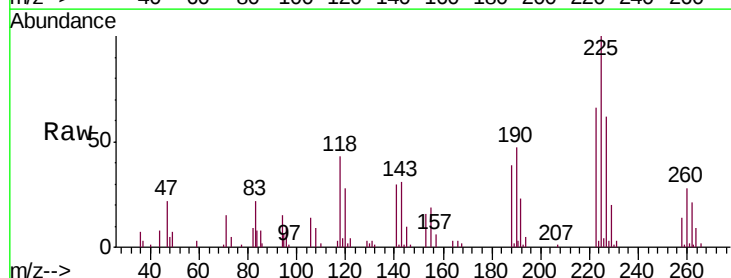


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

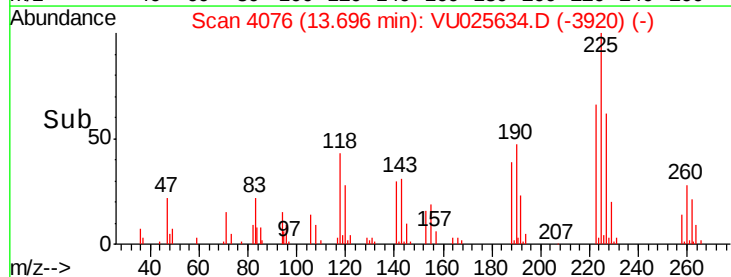
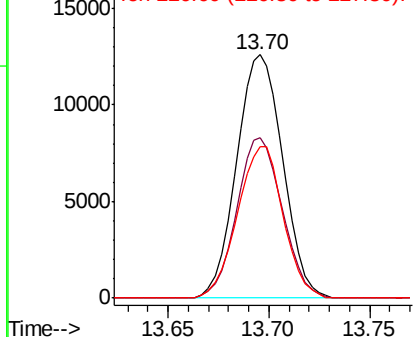


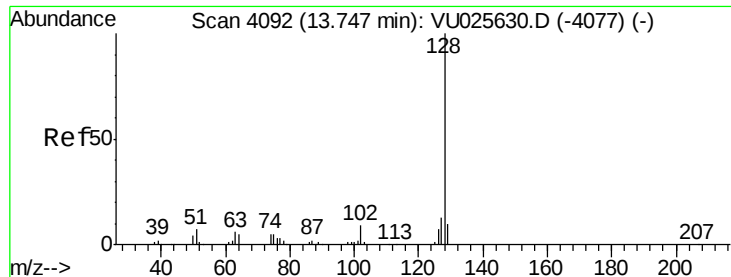
#88
 Hexachlorobutadiene
 Concen: 2.008 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion:225 Resp: 20184
 Ion Ratio Lower Upper
 225 100
 223 64.9 50.6 75.8
 227 61.6 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: 1.802 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

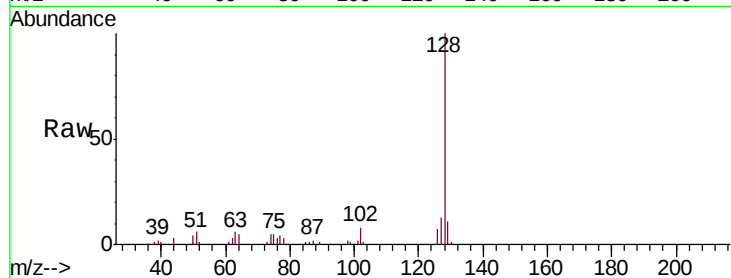
Tgt Ion:128 Resp: 47844

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

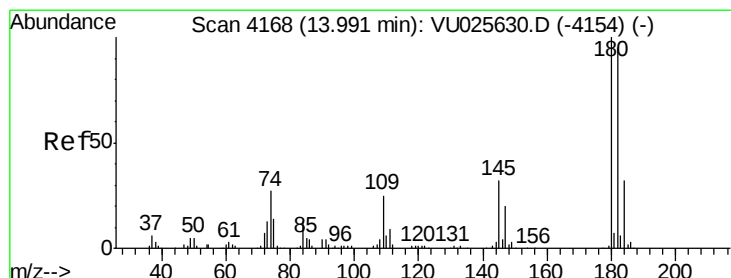
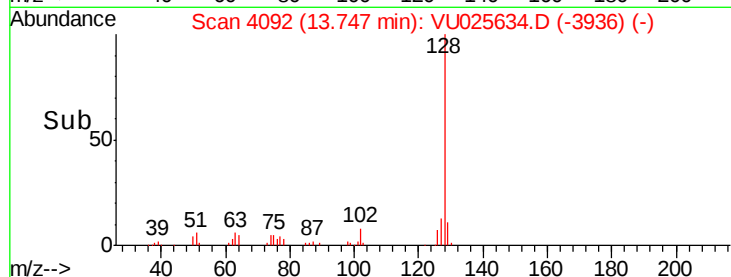
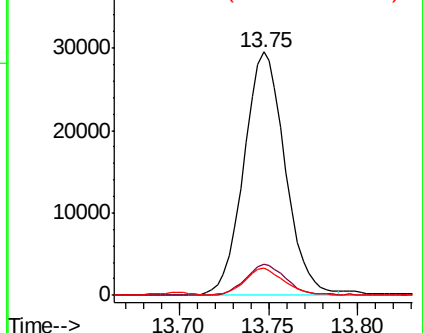
129 10.9 8.7 13.1



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: 1.940 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

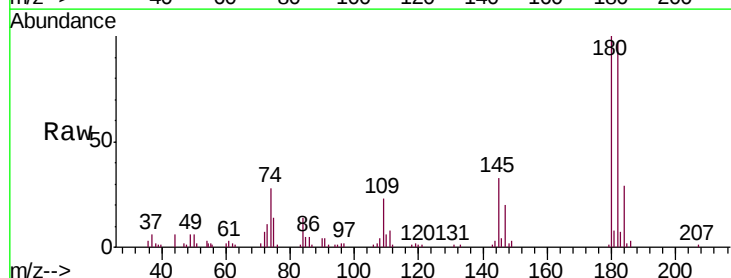
Tgt Ion:180 Resp: 29002

Ion Ratio Lower Upper

180 100

182 97.8 76.8 115.2

145 30.7 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

