

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
 Data File : VU025816.D
 Acq On : 03 Aug 2018 13:38
 Operator : MD/SY
 Sample : VU0803WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

Quant Time: Aug 04 05:31:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	29980	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	11719	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	11969	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	23264	2.176 ug/l	97
3) Chloromethane	1.33	50	19821	1.961 ug/l	96
4) Vinyl Chloride	1.40	62	20493	2.191 ug/l	97
5) Bromomethane	1.63	94	9822	2.156 ug/l	98
6) Chloroethane	1.70	64	12084	2.153 ug/l	90
7) Trichlorofluoromethane	1.89	101	30759	2.255 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17143	2.289 ug/l	98
9) 1,1-Dichloroethene	2.29	96	15031	2.274 ug/l	88
10) Iodomethane	2.41	142	7087	1.846 ug/l	93
11) Allyl Chloride	2.59	41	25355	2.295 ug/l	87
12) Acrylonitrile	2.94	53	6140	4.214 ug/l	96
13) Acetone	2.33	43	12883	10.166 ug/l	95
14) Carbon Disulfide	2.48	76	48749	2.156 ug/l	100
15) Methylene Chloride	2.70	84	16692	2.118 ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	17227	2.325 ug/l	82
17) 1,1-Dichloroethane	3.45	63	33127	2.254 ug/l	98
18) 2-Butanone	4.29	43	23957	10.894 ug/l	99
19) Cyclohexane	5.00	56	23594	2.082 ug/l	87
20) Methylcyclohexane	6.42	83	27416	1.972 ug/l	96
21) 2,2-Dichloropropane	4.23	77	32020	2.285 ug/l	95
22) cis-1,2-Dichloroethene	4.23	96	20628	2.211 ug/l	95
23) Diethyl Ether	2.11	59	10577	2.113 ug/l	95
24) tert-Butyl Alcohol	2.85	59	14144	24.052 ug/l #	81
25) Methyl tert-Butyl Ether	3.01	73	37299	2.087 ug/l #	90
26) Bromochloromethane	4.55	128	9354	2.277 ug/l	78
27) Chloroform	4.68	83	36064	2.233 ug/l	98
28) 1,1,1-Trichloroethane	4.92	97	31601	2.169 ug/l	98
29) 1,1-Dichloropropene	5.14	75	25925	2.170 ug/l	97
30) Carbon Tetrachloride	5.13	117	28955	2.189 ug/l	97
31) Isopropyl Ether	3.58	45	50985	2.165 ug/l	92
32) Ethyl-t-butyl ether	4.08	59	45814	2.047 ug/l	90
33) Tert-Amyl methyl ether	5.59	73	39587	2.004 ug/l	99
34) Propionitrile	4.35	54	6811	11.147 ug/l #	90
35) Benzene	5.39	78	74670	2.236 ug/l	98
36) 1,2-Dichloroethane	5.41	62	22439	2.188 ug/l	99
37) Trichloroethene	6.19	130	21123	2.147 ug/l	93
38) 1,2-Dichloropropane	6.44	63	18928	2.184 ug/l	99
39) Methacrylonitrile	4.55	41	5771	2.052 ug/l	89
40) Methyl acrylate	4.44	55	7887	1.859 ug/l #	94
41) Tetrahydrofuran	4.66	42	6262	3.768 ug/l	96
42) 1-Chlorobutane	5.07	56	35644	2.189 ug/l	100

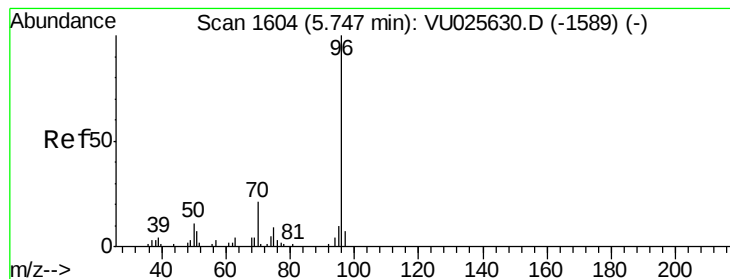
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
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Quant Time: Aug 04 05:31:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.57	93	9959	2.201	ug/l	98
44) Bromodichloromethane	6.76	83	24344	2.123	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	50364	9.982	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	18274	9.375	ug/l #	41
47) Methyl methacrylate	6.63	69	14948	3.951	ug/l	95
48) Ethyl methacrylate	8.02	69	14243	1.874	ug/l	100
49) Toluene	7.64	92	41059	2.011	ug/l	93
50) t-1,3-Dichloropropene	7.89	75	21680	2.095	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	25687	2.072	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	12716	2.096	ug/l	95
53) 1,3-Dichloropropane	8.25	76	21653	2.115	ug/l	100
54) 2-Hexanone	8.37	43	35146	9.863	ug/l	96
55) Dibromochloromethane	8.48	129	16211	2.102	ug/l	99
56) 1,2-Dibromoethane	8.59	107	12897	2.197	ug/l	95
58) Tetrachloroethene	8.23	164	19492	2.204	ug/l	99
59) Chlorobenzene	9.12	112	49505	2.109	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	19366	2.222	ug/l	96
61) Pentachloroethane	11.10	117	14278	2.146	ug/l	98
62) Hexachloroethane	12.15	117	13418	1.975	ug/l	97
63) Ethyl Benzene	9.25	91	77321	1.980	ug/l	97
64) m/p-Xylenes	9.38	106	61241	3.991	ug/l	97
65) o-Xylene	9.78	106	28811	1.970	ug/l	95
66) Styrene	9.80	104	49075	1.976	ug/l	98
67) Bromoform	9.96	173	9210	2.024	ug/l #	97
69) Isopropylbenzene	10.17	105	77567	1.963	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	15691	2.059	ug/l	96
71) 1,2,3-Trichloropropane	10.50	75	18274	3.077	ug/l #	81
72) Bromobenzene	10.45	156	20500	1.998	ug/l	96
73) n-propylbenzene	10.59	120	21938	1.970	ug/l	95
74) 2-Chlorotoluene	10.66	126	19858	2.026	ug/l	97
75) 1,3,5-Trimethylbenzene	10.78	105	70980	2.057	ug/l	98
76) 4-Chlorotoluene	10.78	126	21251	2.062	ug/l	91
77) tert-Butylbenzene	11.10	119	67664	1.989	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	70980	2.015	ug/l	99
79) sec-Butylbenzene	11.33	105	89469	2.001	ug/l	98
80) Nitrobenzene	12.88	77	1758	7.578	ug/l #	95
81) p-Isopropyltoluene	11.48	119	74875	1.975	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	44012	2.086	ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	44557	2.165	ug/l	97
84) n-Butylbenzene	11.89	91	67991	1.911	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	39948	2.073	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2695	2.143	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	24926	1.858	ug/l	99
88) Hexachlorobutadiene	13.70	225	15714	1.906	ug/l	98
89) Naphthalene	13.75	128	35885	1.648	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	23465	1.914	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

Tgt Ion: 96 Resp: 29980

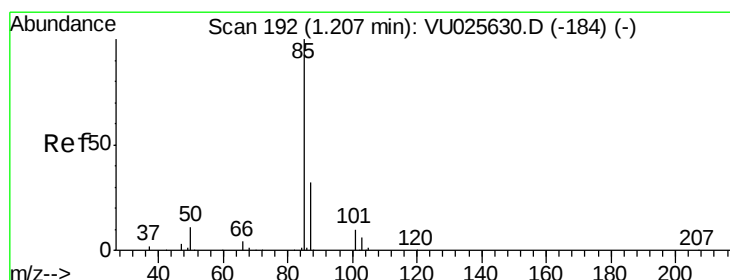
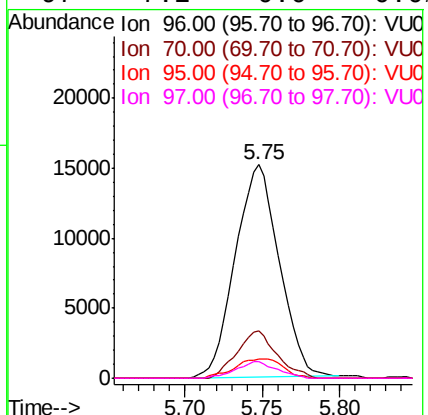
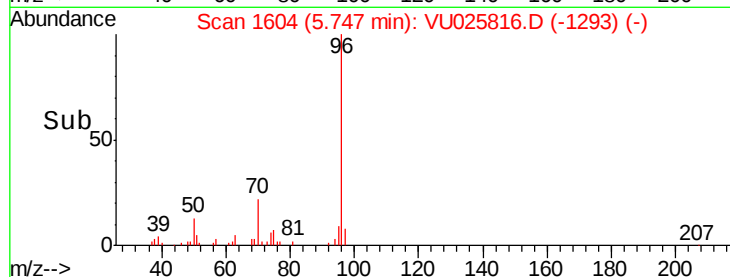
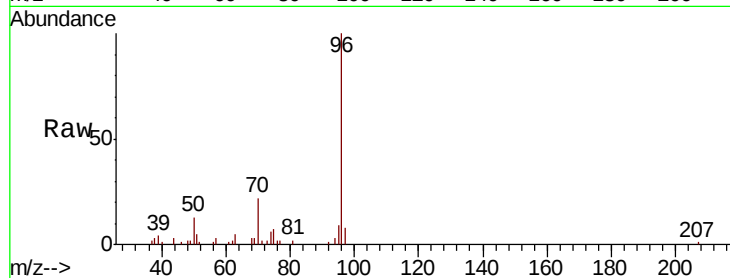
Ion Ratio Lower Upper

96 100

70 20.3 16.2 24.4

95 10.0 6.9 10.3

97 7.2 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 2.176 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025816.D

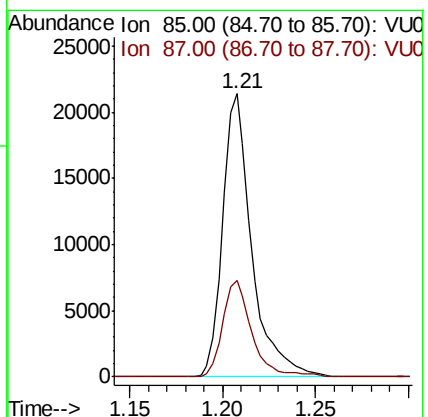
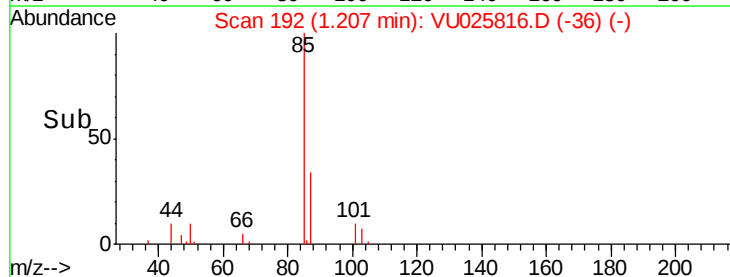
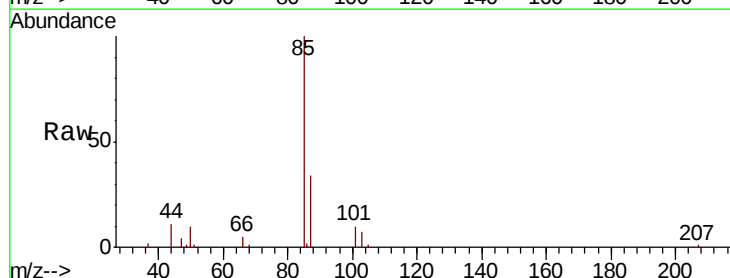
Acq: 03 Aug 2018 13:38

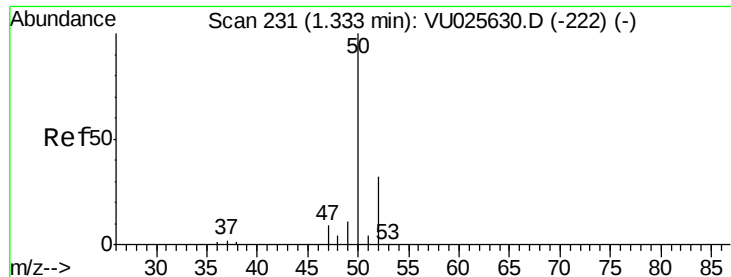
Tgt Ion: 85 Resp: 23264

Ion Ratio Lower Upper

85 100

87 34.2 16.2 48.5





#3

Chloromethane

Concen: 1.961 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

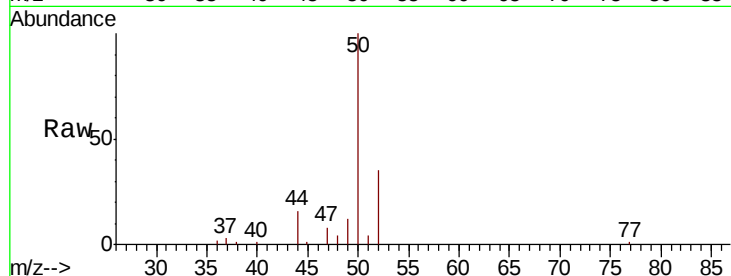
VU0803WBSD01

Tgt Ion: 50 Resp: 19821

Ion Ratio Lower Upper

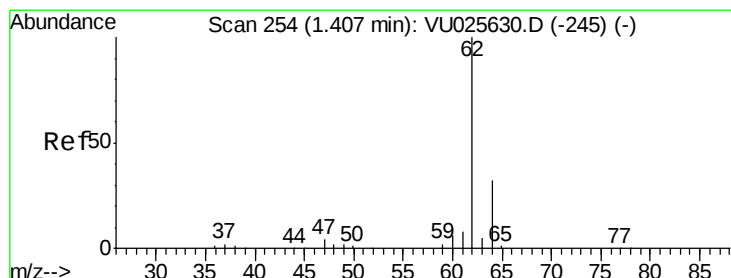
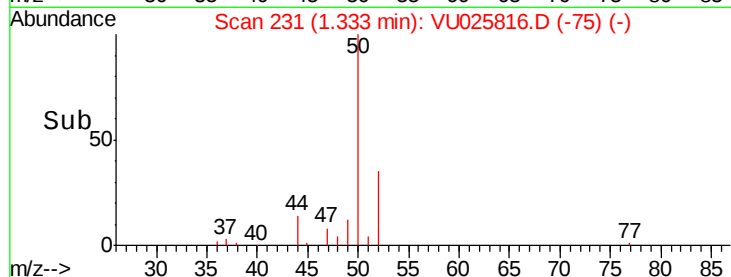
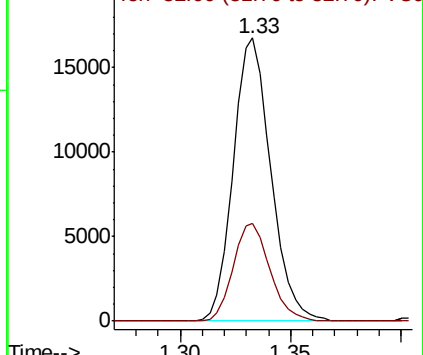
50 100

52 34.7 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.191 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025816.D

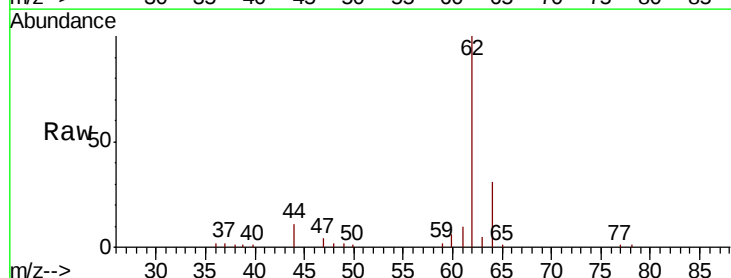
Acq: 03 Aug 2018 13:38

Tgt Ion: 62 Resp: 20493

Ion Ratio Lower Upper

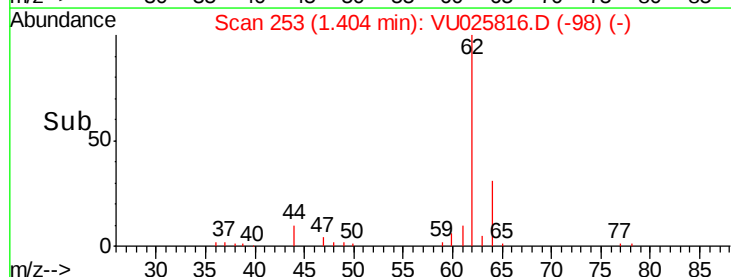
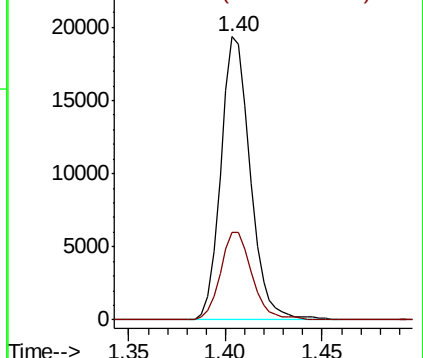
62 100

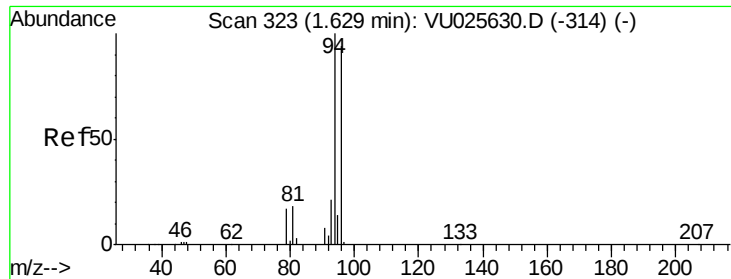
64 30.8 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

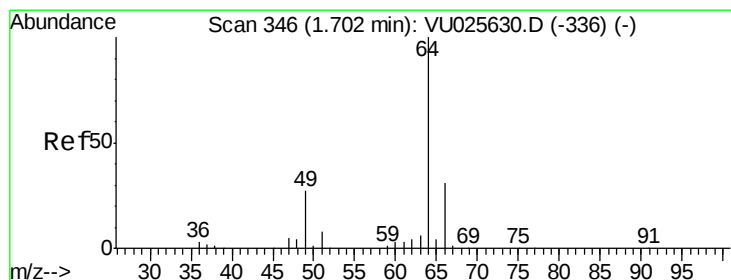
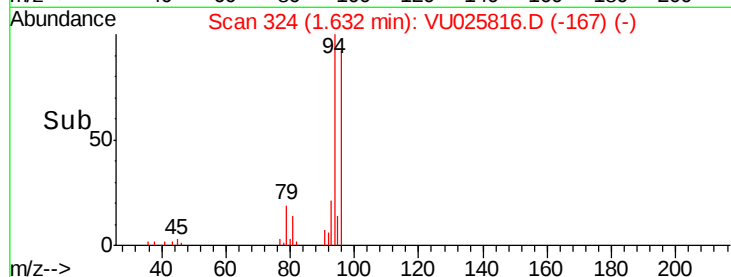
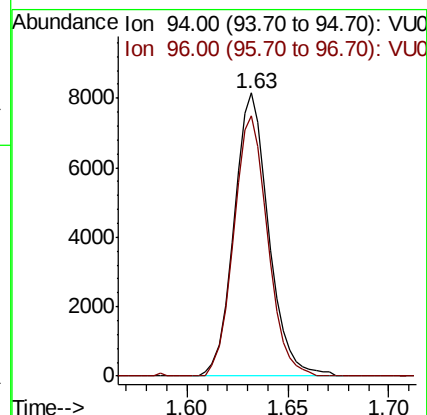
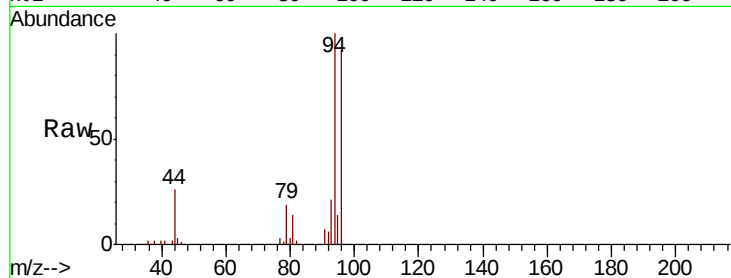




#5
Bromomethane
Concen: 2.156 ug/l
RT: 1.63 min Scan# 324
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

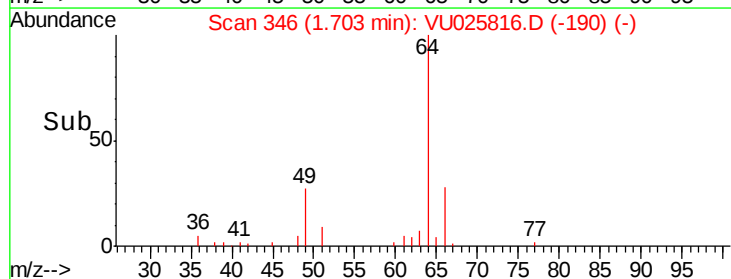
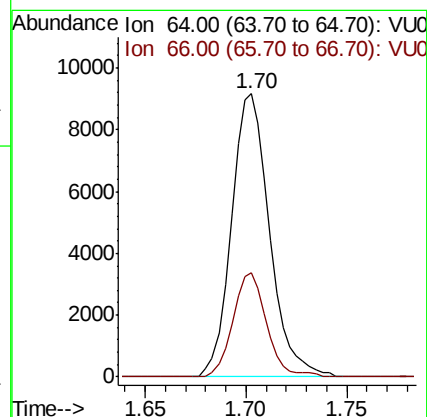
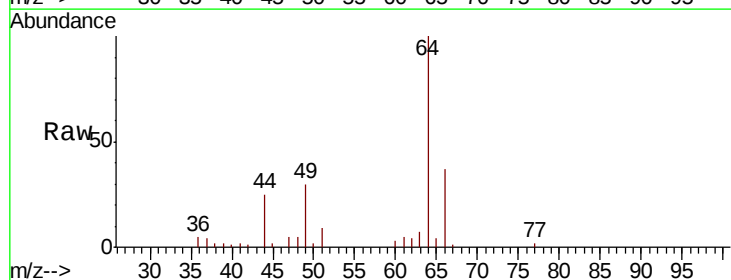
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

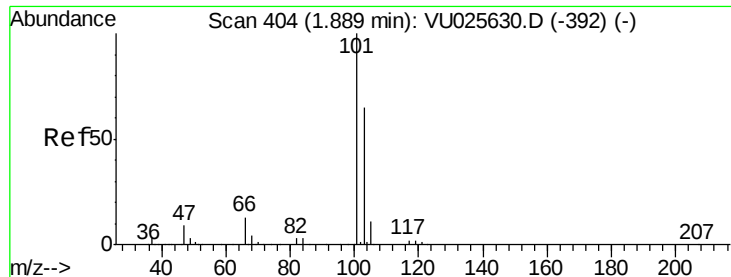
Tgt Ion: 94 Resp: 9822
Ion Ratio Lower Upper
94 100
96 92.1 75.1 112.7



#6
Chloroethane
Concen: 2.153 ug/l
RT: 1.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 64 Resp: 12084
Ion Ratio Lower Upper
64 100
66 36.6 24.9 37.3





#7

Trichlorofluoromethane

Concen: 2.255 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

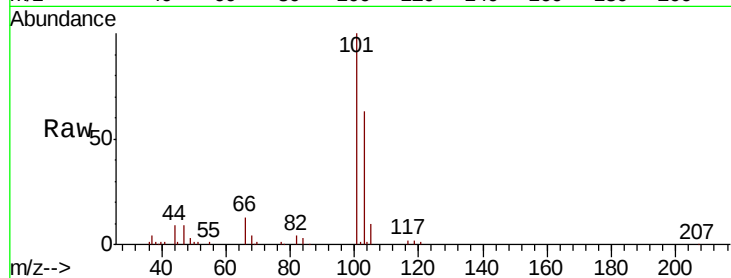
VU0803WBSD01

Tgt Ion:101 Resp: 30759

Ion Ratio Lower Upper

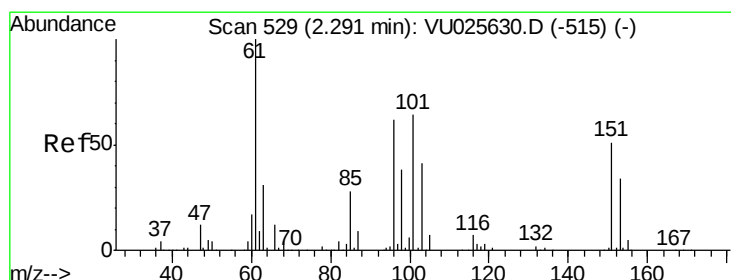
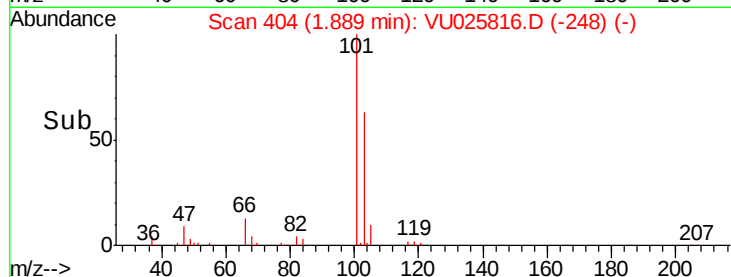
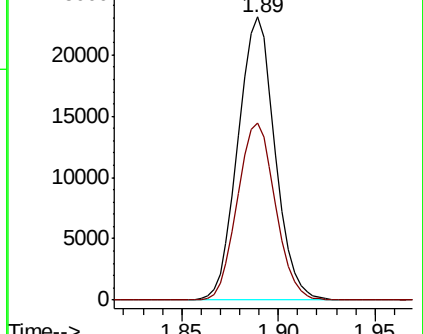
101 100

103 62.6 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.289 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

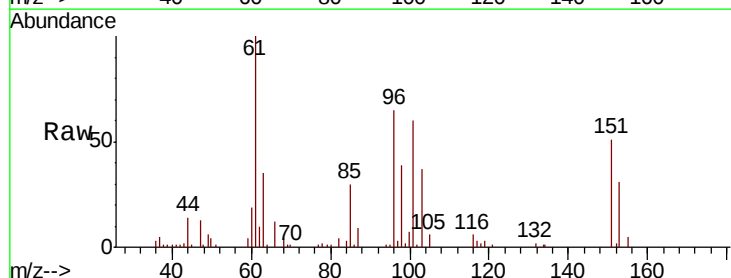
Tgt Ion:101 Resp: 17143

Ion Ratio Lower Upper

101 100

85 44.9 35.2 52.8

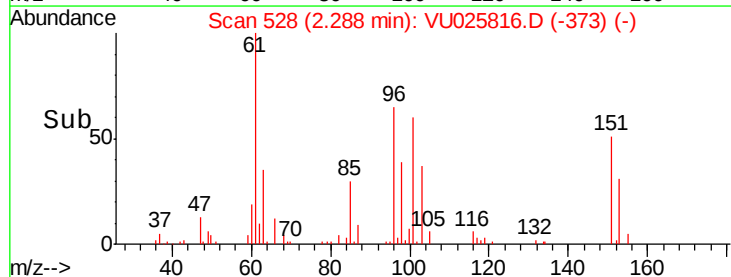
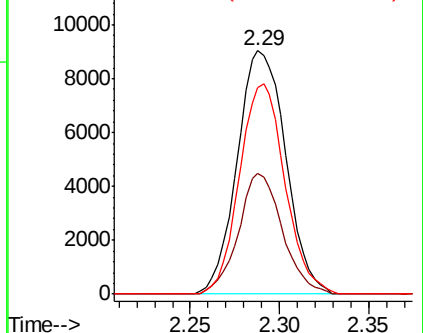
151 81.0 63.5 95.3

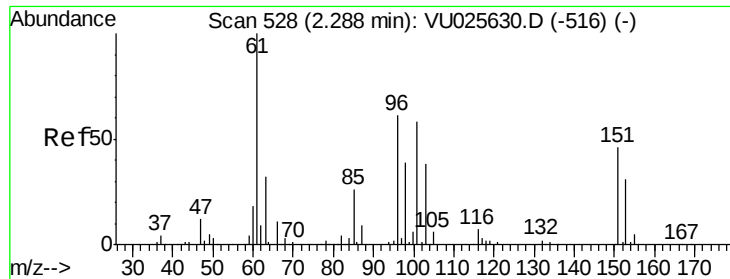


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.274 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

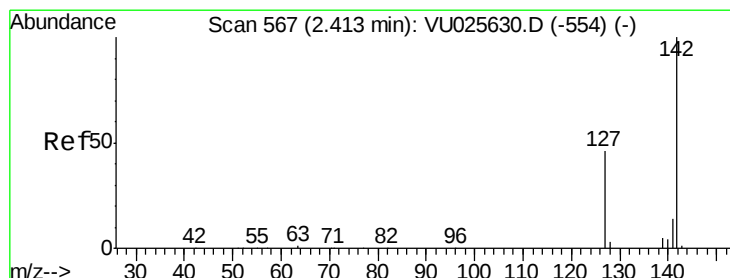
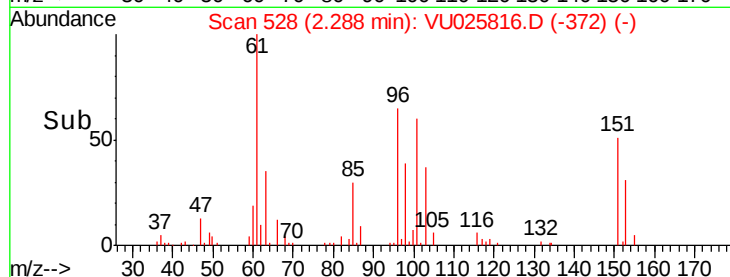
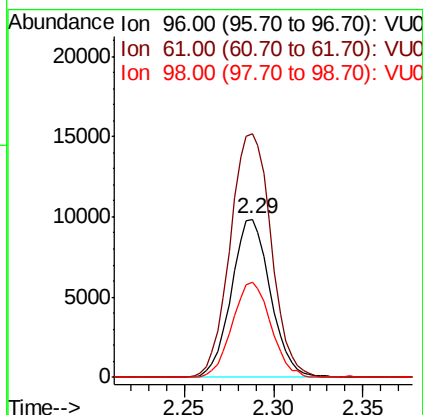
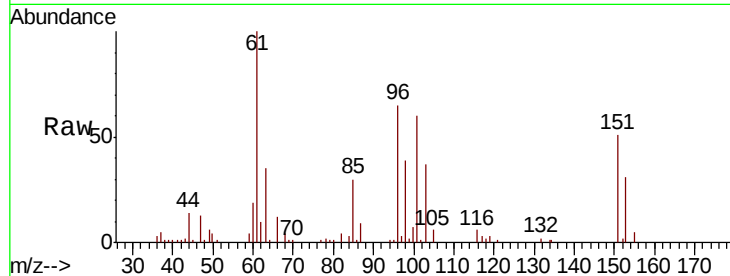
Tgt Ion: 96 Resp: 15031

Ion Ratio Lower Upper

96 100

61 153.9 0.0 526.5

98 60.3 0.0 123.4



#10

Iodomethane

Concen: 1.846 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025816.D

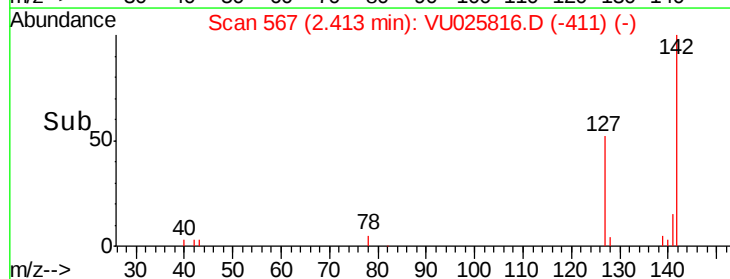
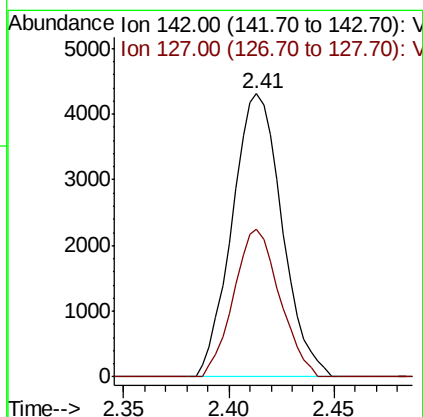
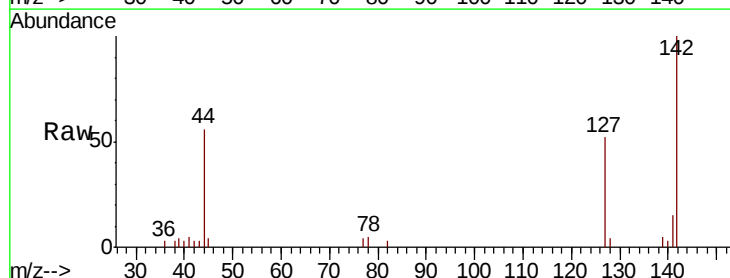
Acq: 03 Aug 2018 13:38

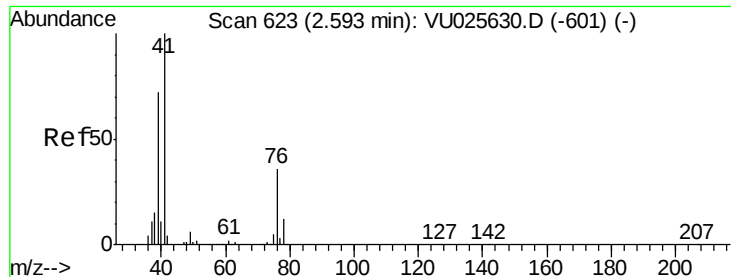
Tgt Ion: 142 Resp: 7087

Ion Ratio Lower Upper

142 100

127 47.9 34.5 51.7

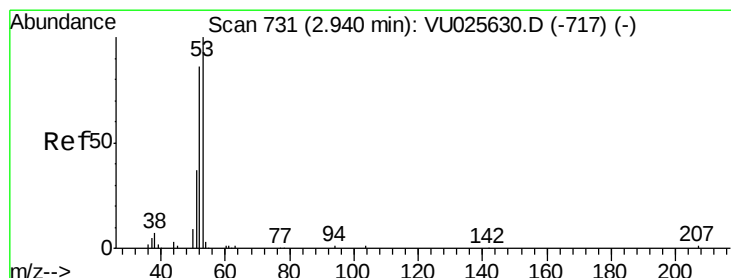
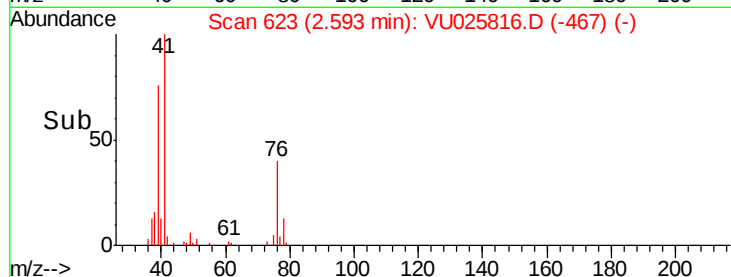
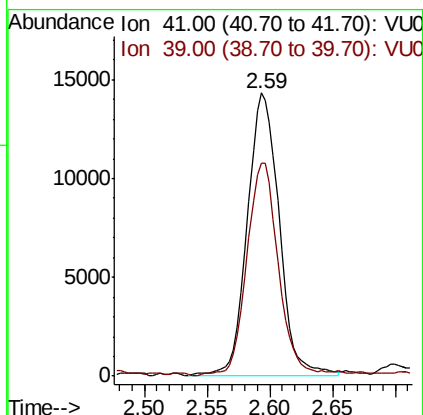
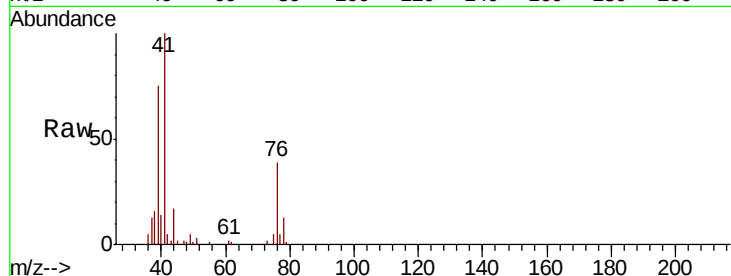




#11
 Allyl Chloride
 Concen: 2.295 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

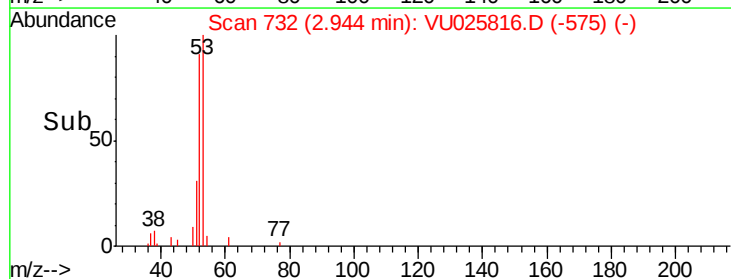
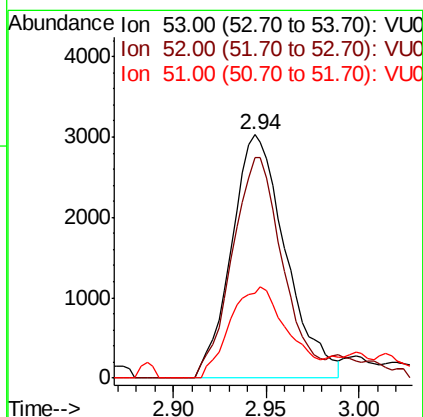
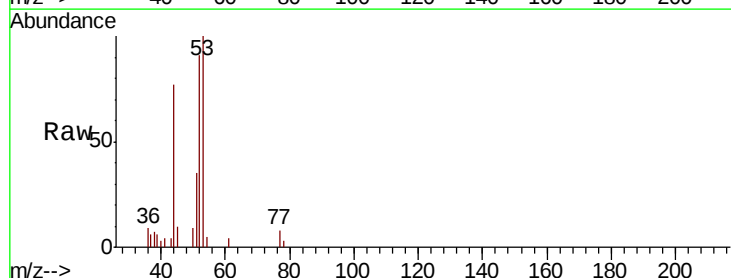
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

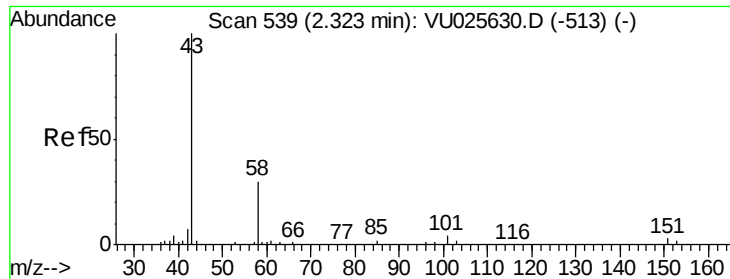
Tgt Ion: 41 Resp: 25355
 Ion Ratio Lower Upper
 41 100
 39 74.8 51.4 77.2



#12
 Acrylonitrile
 Concen: 4.214 ug/l
 RT: 2.94 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion: 53 Resp: 6140
 Ion Ratio Lower Upper
 53 100
 52 84.9 65.1 97.7
 51 39.9 30.2 45.4





#13

Acetone

Concen: 10.166 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

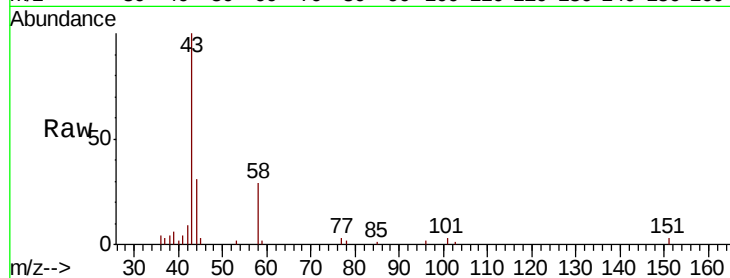
VU0803WBSD01

Tgt Ion: 43 Resp: 12883

Ion Ratio Lower Upper

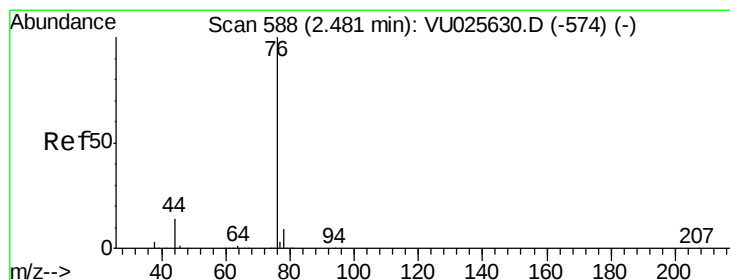
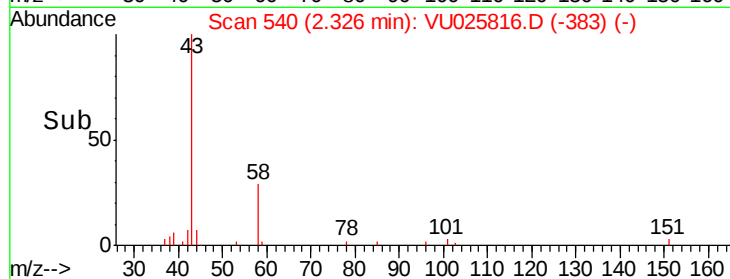
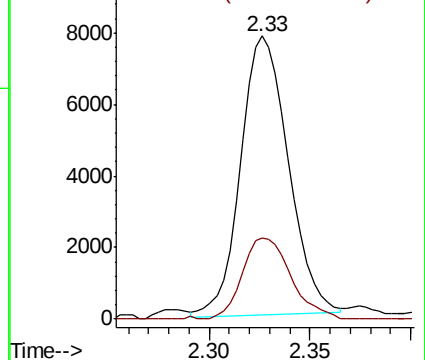
43 100

58 29.5 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: 2.156 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025816.D

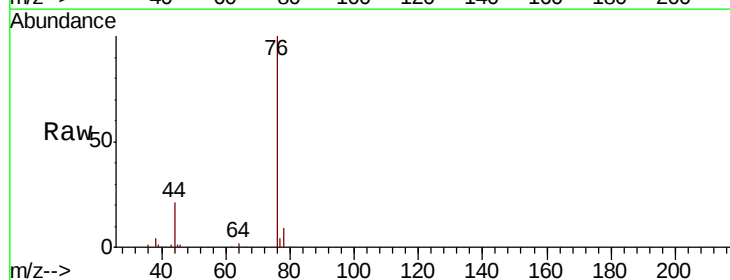
Acq: 03 Aug 2018 13:38

Tgt Ion: 76 Resp: 48749

Ion Ratio Lower Upper

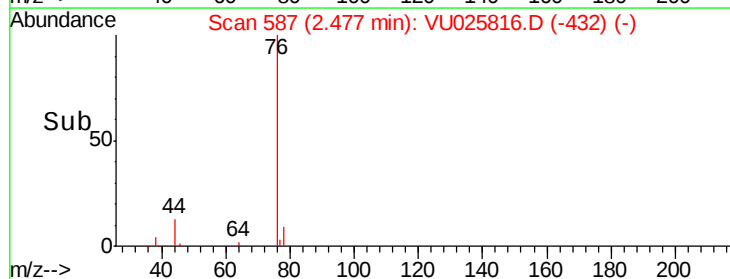
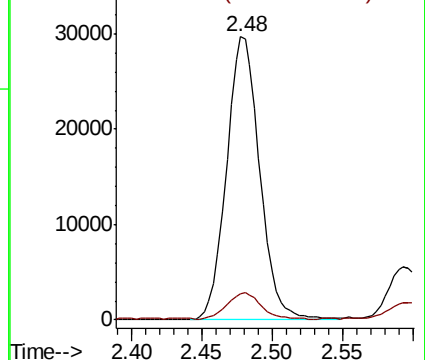
76 100

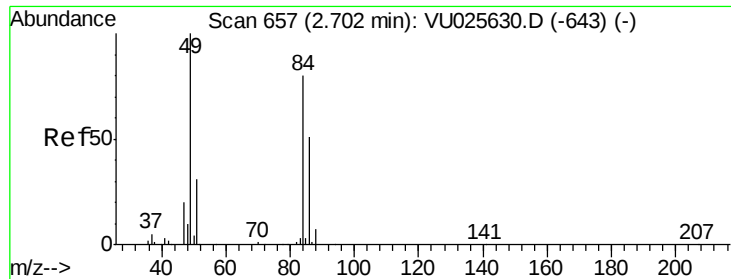
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 2.118 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

Tgt Ion: 84 Resp: 16692

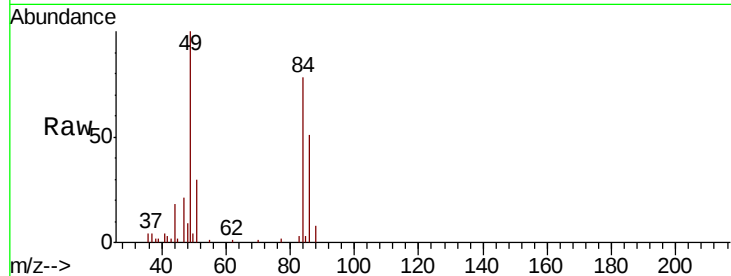
Ion Ratio Lower Upper

84 100

49 127.7 108.7 163.1

51 37.7 0.0 82.4

86 65.1 50.7 76.1

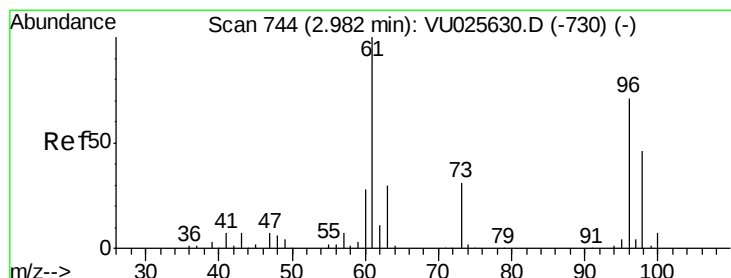
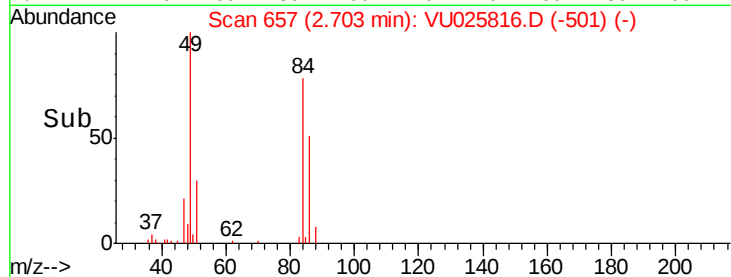
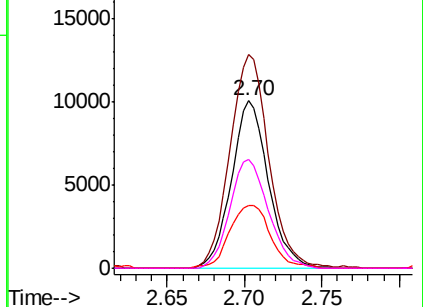


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.325 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

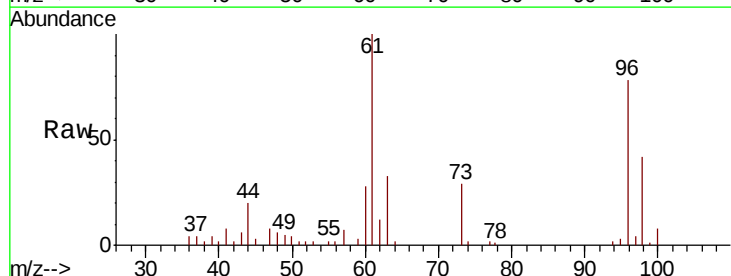
Tgt Ion: 96 Resp: 17227

Ion Ratio Lower Upper

96 100

61 127.9 123.9 185.9

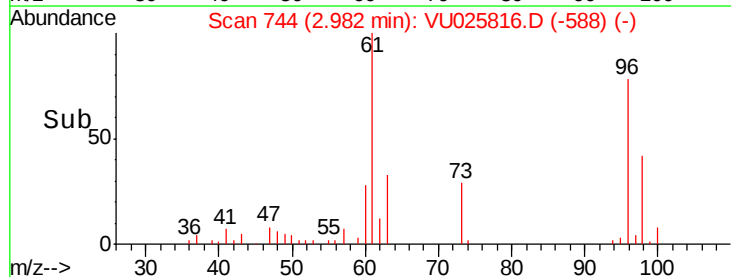
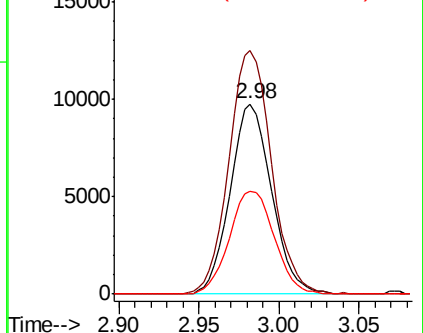
98 54.3 50.6 76.0

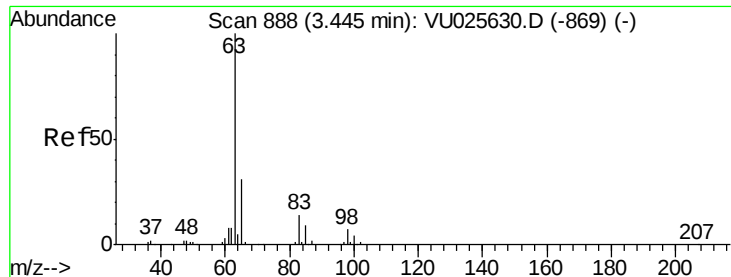


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

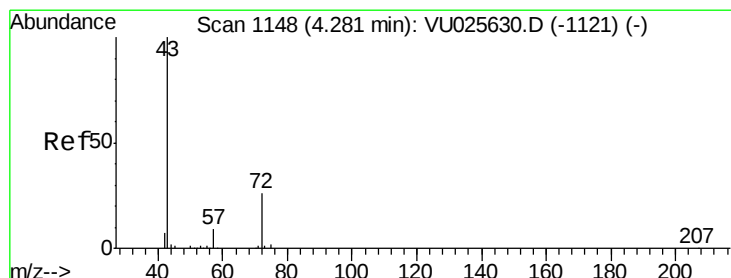
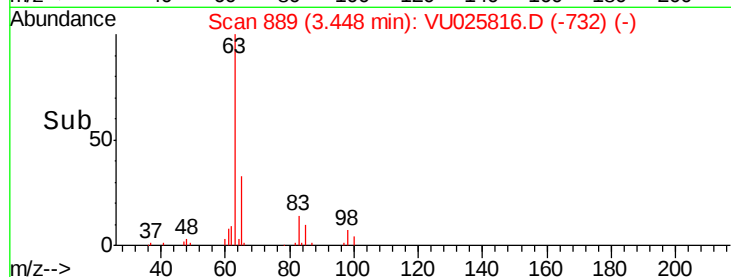
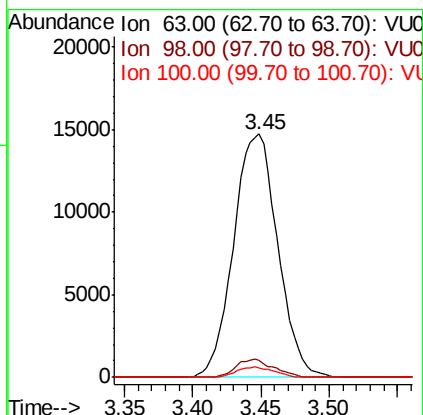
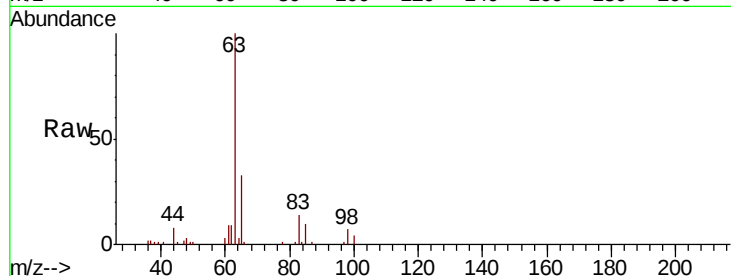




#17
 1,1-Dichloroethane
 Concen: 2.254 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

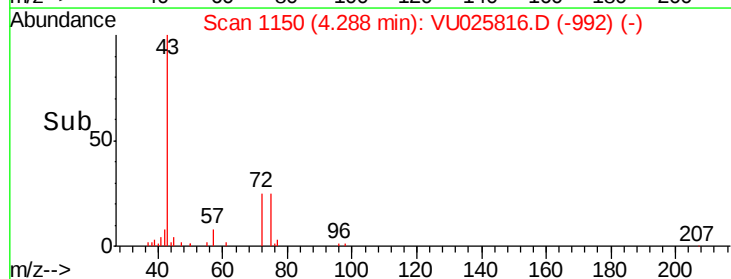
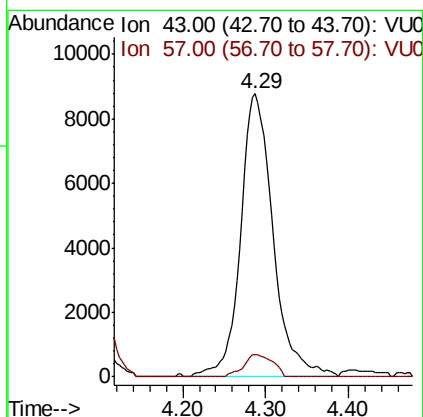
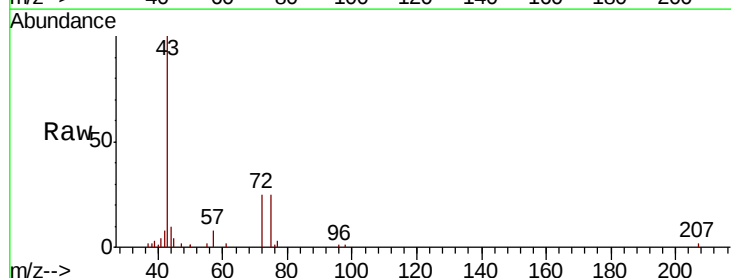
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

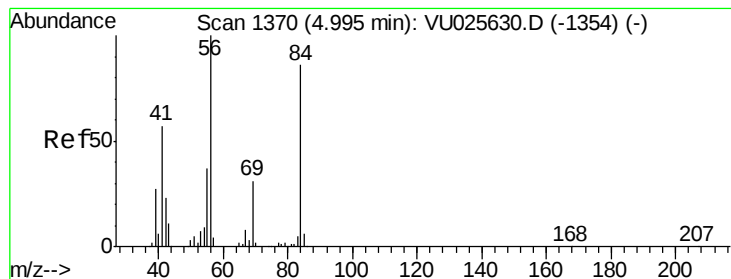
Tgt Ion:	63	Resp:	33127
Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.8
100	4.1	2.0	5.8



#18
 2-Butanone
 Concen: 10.894 ug/l
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:	43	Resp:	23957
Ion	Ratio	Lower	Upper
43	100		
57	8.1	0.0	15.8





#19

Cyclohexane

Concen: 2.082 ug/l

RT: 5.00 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

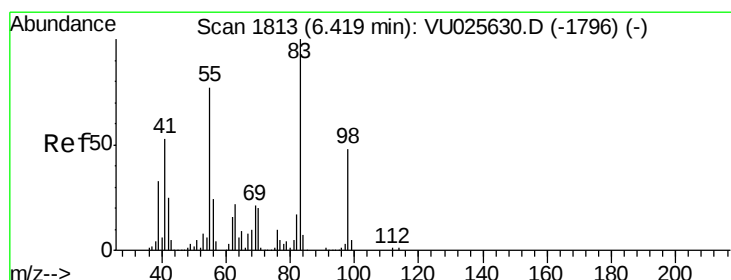
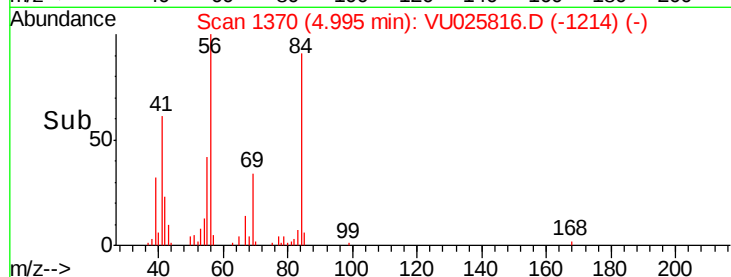
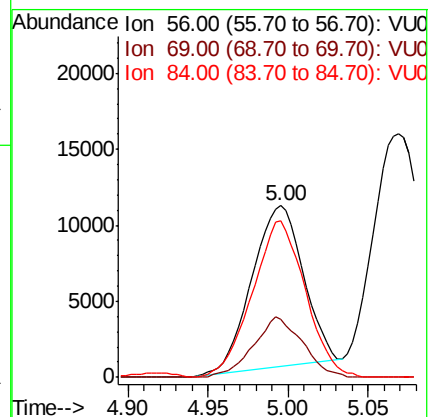
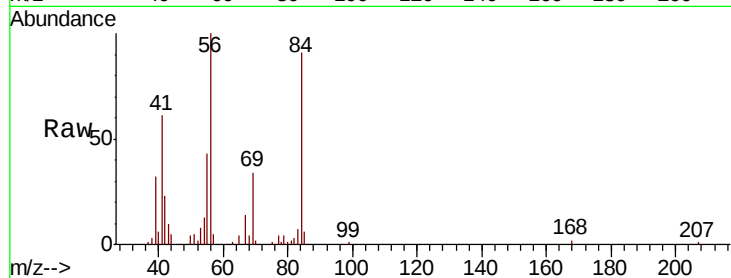
Tgt Ion: 56 Resp: 23594

Ion Ratio Lower Upper

56 100

69 35.8 26.0 39.0

84 99.8 68.3 102.5



#20

Methylcyclohexane

Concen: 1.972 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

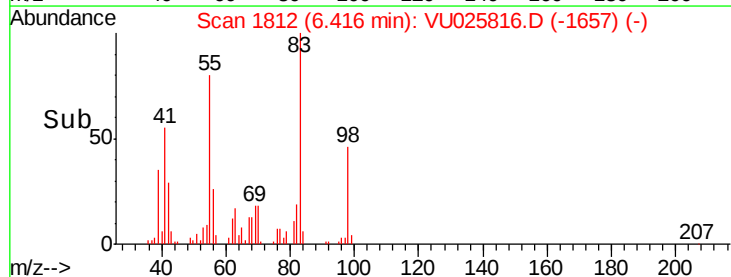
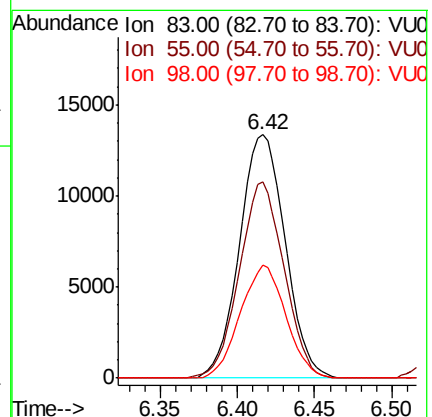
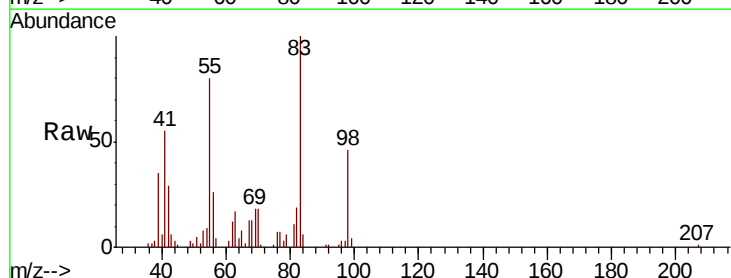
Tgt Ion: 83 Resp: 27416

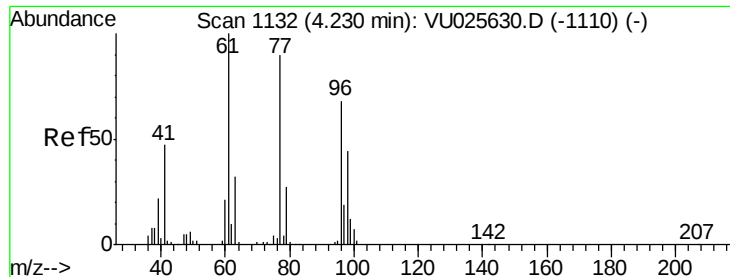
Ion Ratio Lower Upper

83 100

55 78.7 66.4 99.6

98 46.4 35.4 53.2





#21

2,2-Dichloropropane

Concen: 2.285 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampled :

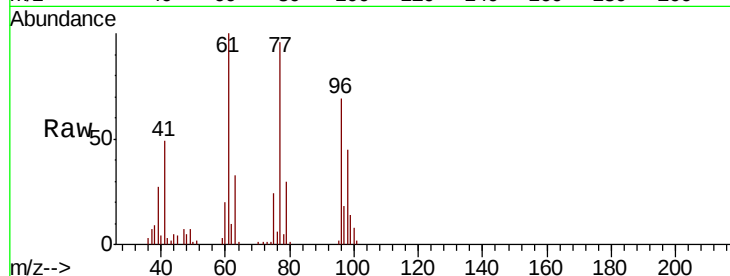
VU0803WBSD01

Tgt Ion: 77 Resp: 32020

Ion Ratio Lower Upper

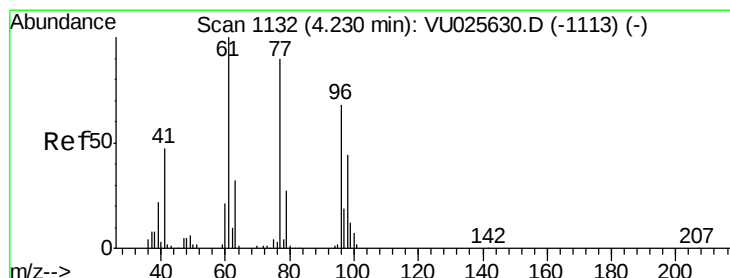
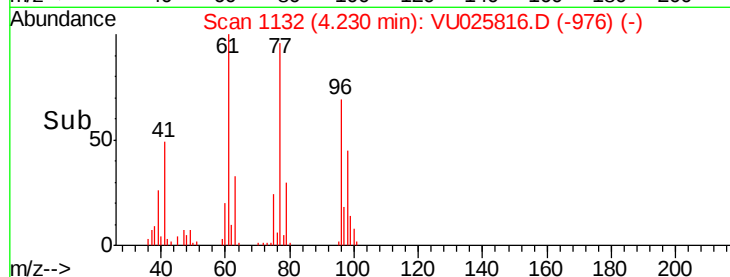
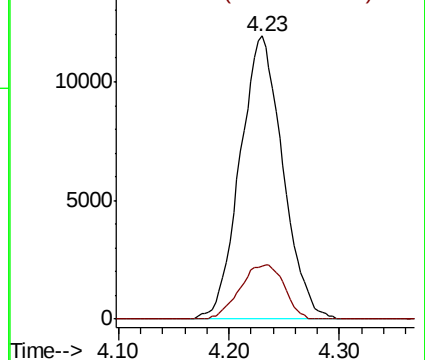
77 100

97 19.8 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.211 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

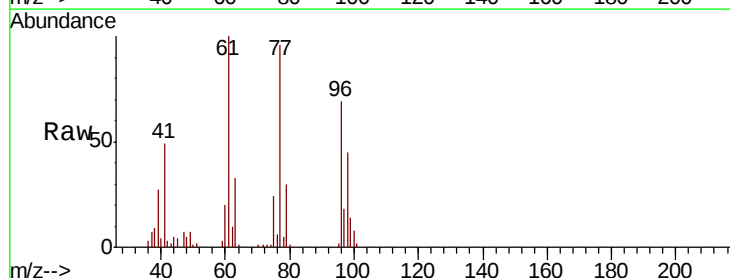
Tgt Ion: 96 Resp: 20628

Ion Ratio Lower Upper

96 100

61 150.3 0.0 400.5

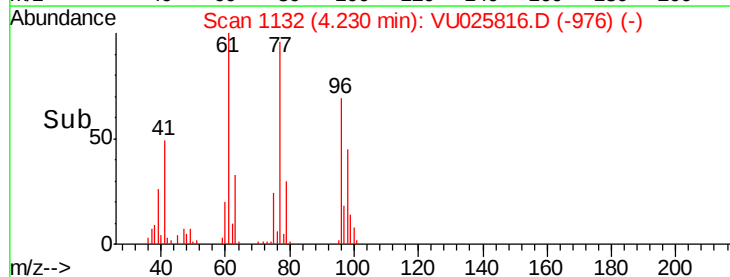
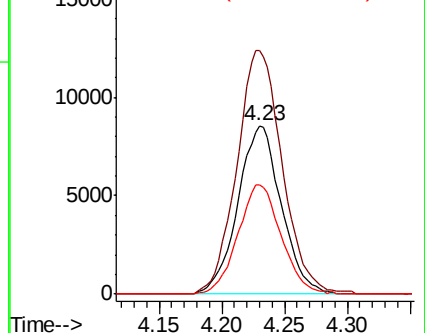
98 64.6 32.2 96.6

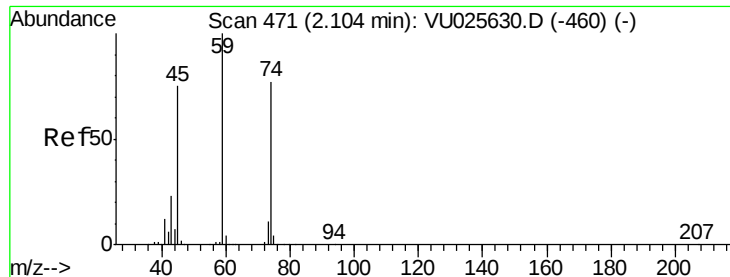


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

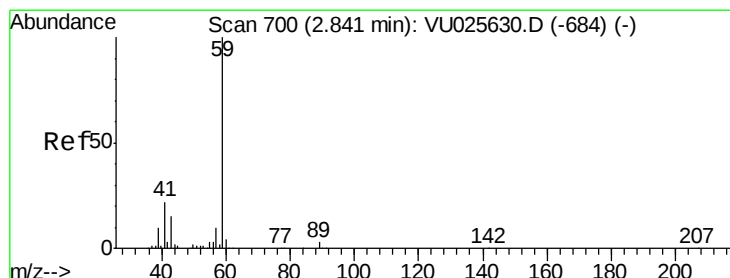
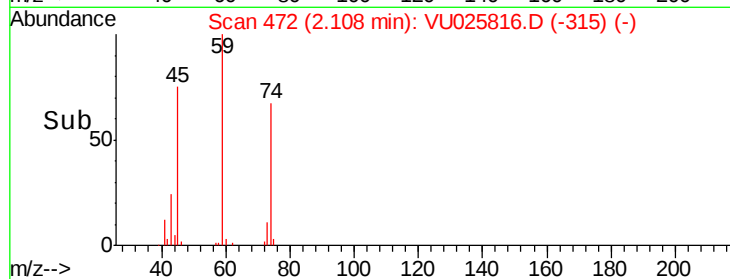
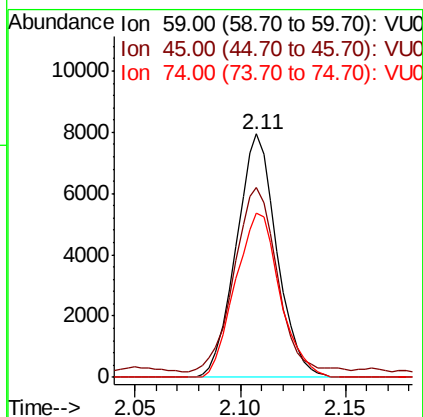
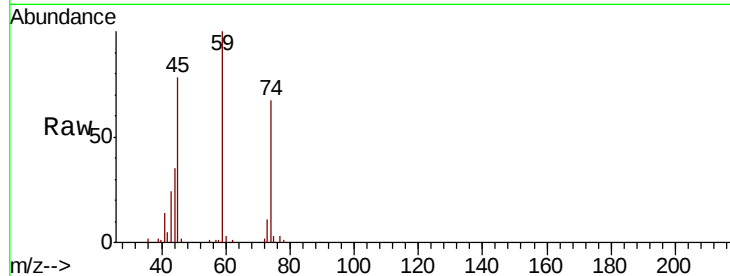




#23
Diethyl Ether
Concen: 2.113 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

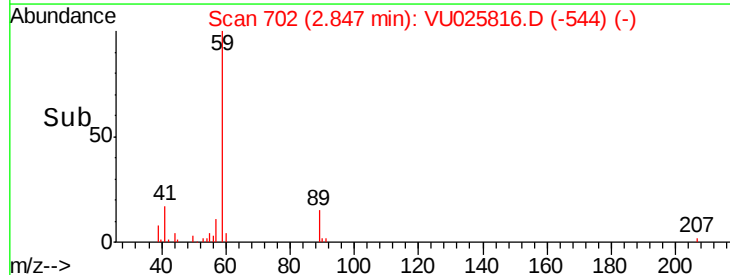
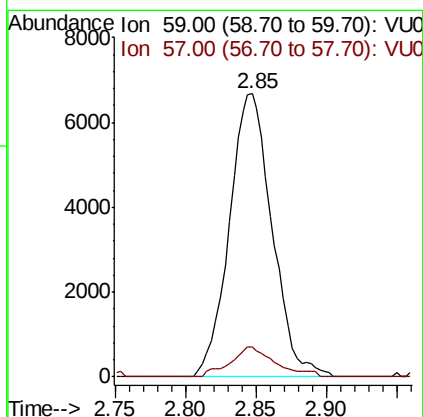
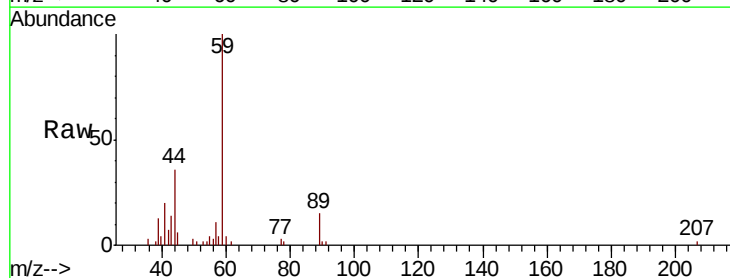
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

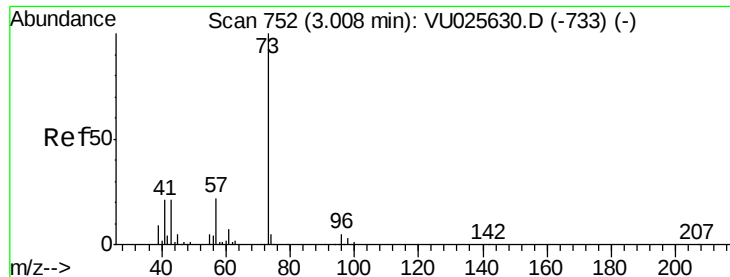
Tgt Ion: 59 Resp: 10577
Ion Ratio Lower Upper
59 100
45 79.8 60.0 90.0
74 74.1 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 24.052 ug/l
RT: 2.85 min Scan# 702
Delta R.T. 0.01 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 59 Resp: 14144
Ion Ratio Lower Upper
59 100
57 10.6 3.4 5.2#





#25

Methyl tert-Butyl Ether

Concen: 2.087 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

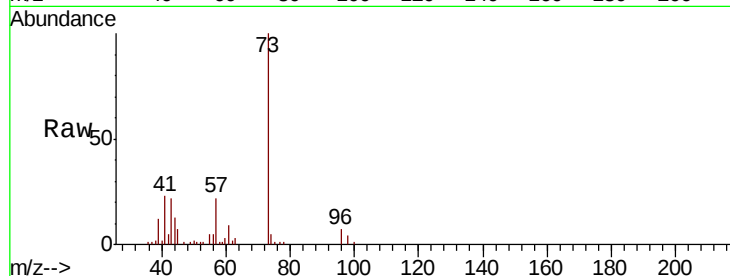
VU0803WBSD01

Tgt Ion: 73 Resp: 37299

Ion Ratio Lower Upper

73 100

43 24.9 16.2 24.2#



Abundance Ion 73.00 (72.70 to 73.70): VU025630.D (-733) (-)

Ion 43.00 (42.70 to 43.70): VU025630.D (-733) (-)

3.01

15000

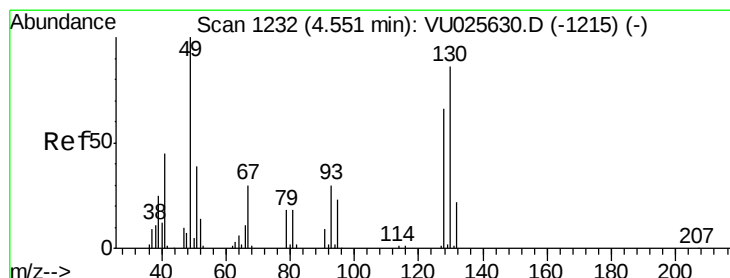
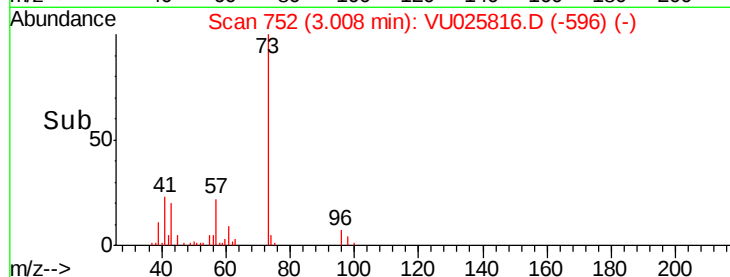
10000

5000

0

Time-->

2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 2.277 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

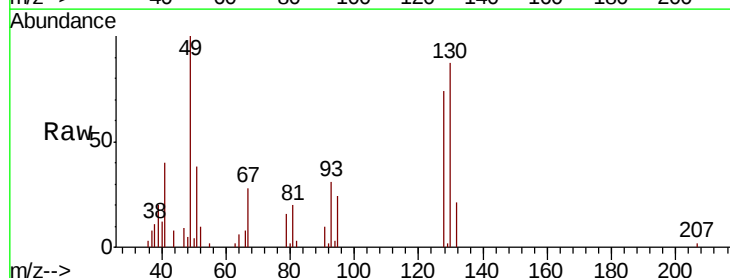
Tgt Ion: 128 Resp: 9354

Ion Ratio Lower Upper

128 100

49 143.6 0.0 375.2

130 119.6 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU025630.D (-1215) (-)

Ion 49.00 (48.70 to 49.70): VU025630.D (-1215) (-)

Ion 130.00 (129.70 to 130.70): VU025630.D (-1215) (-)

4.55

8000

6000

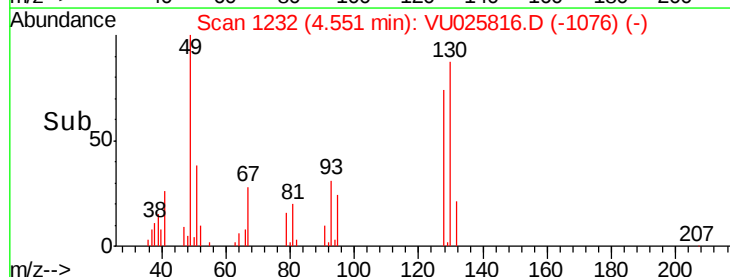
4000

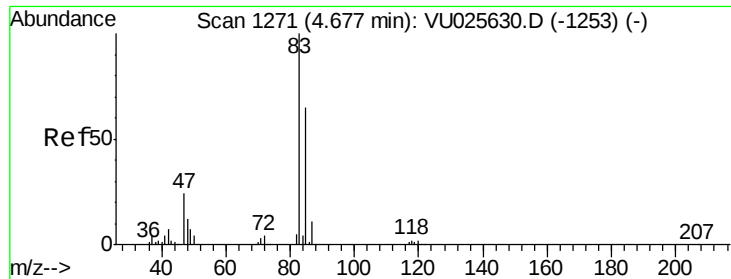
2000

0

Time-->

4.50 4.55 4.60

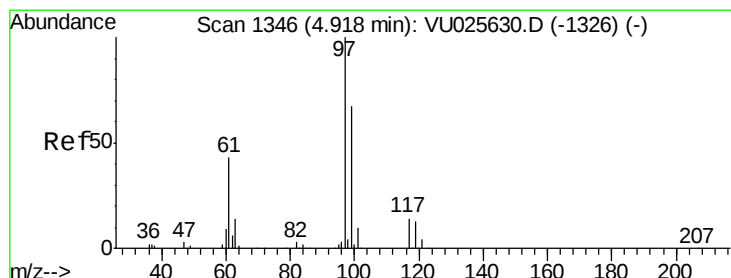
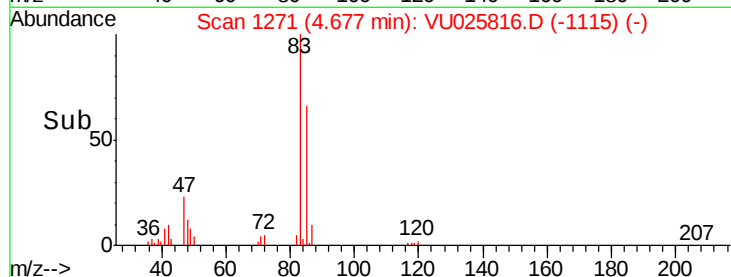
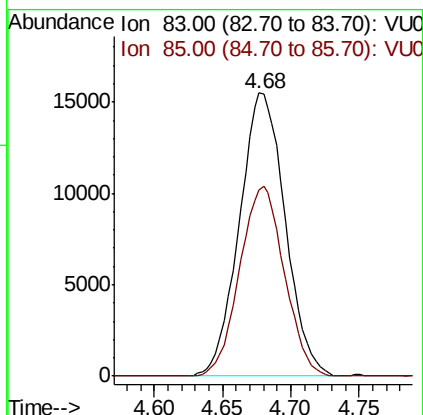
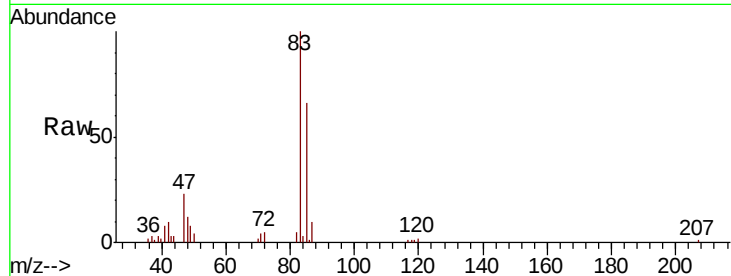




#27
Chloroform
Concen: 2.233 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

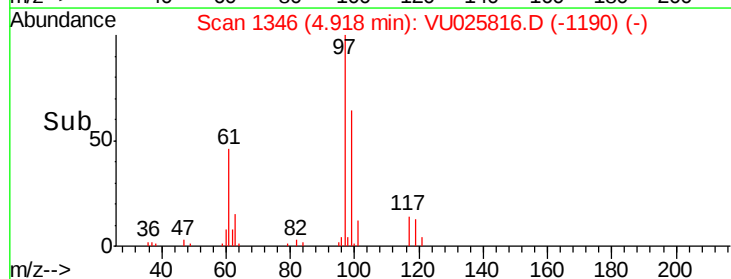
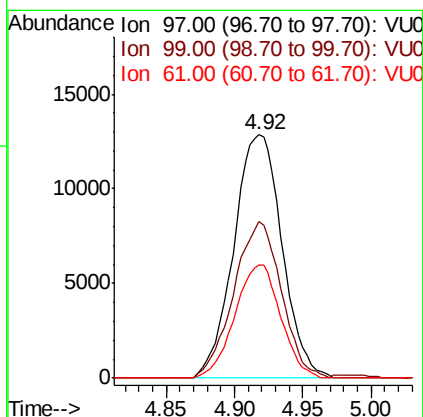
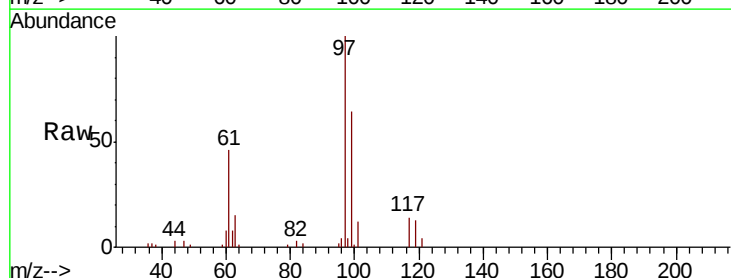
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

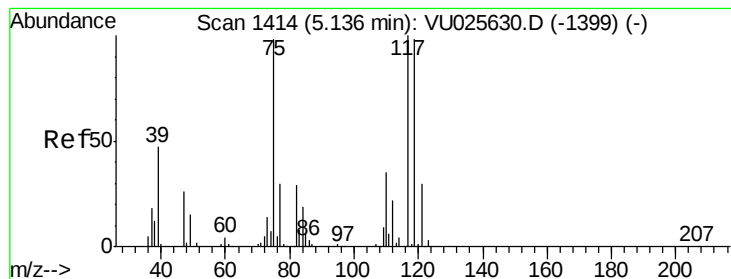
Tgt Ion: 83 Resp: 36064
Ion Ratio Lower Upper
83 100
85 65.6 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 2.169 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 97 Resp: 31601
Ion Ratio Lower Upper
97 100
99 63.4 32.3 96.9
61 44.3 23.2 69.5





#29

1,1-Dichloropropene

Concen: 2.170 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

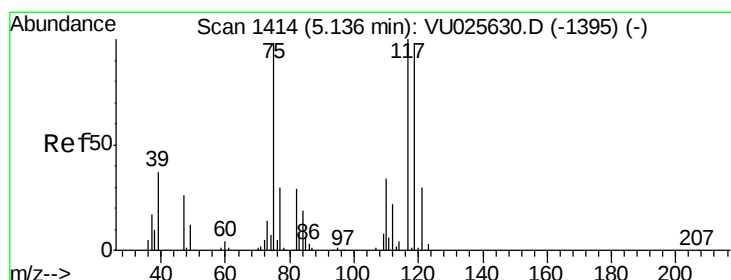
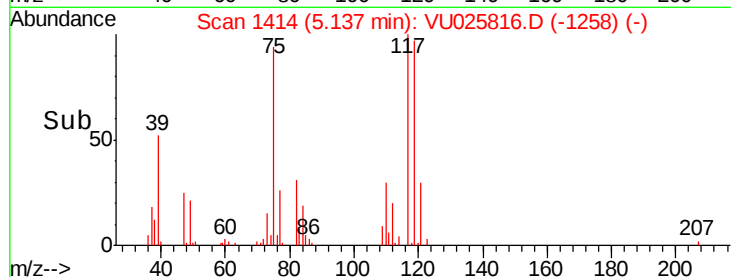
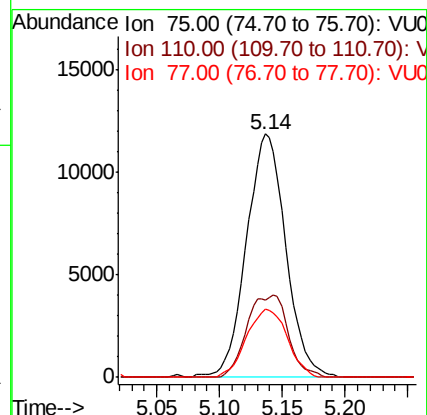
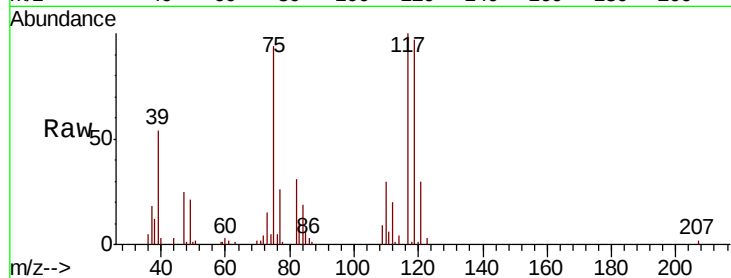
Tgt Ion: 75 Resp: 25925

Ion Ratio Lower Upper

75 100

110 35.2 16.9 50.7

77 29.1 24.8 37.2



#30

Carbon Tetrachloride

Concen: 2.189 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

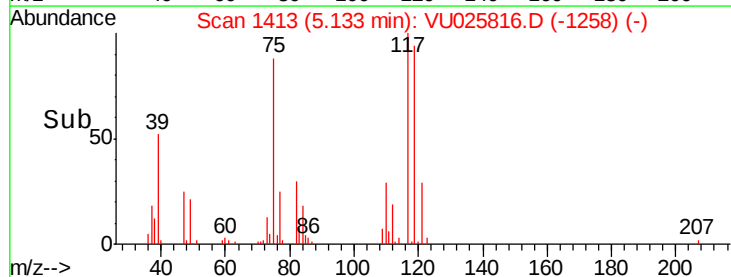
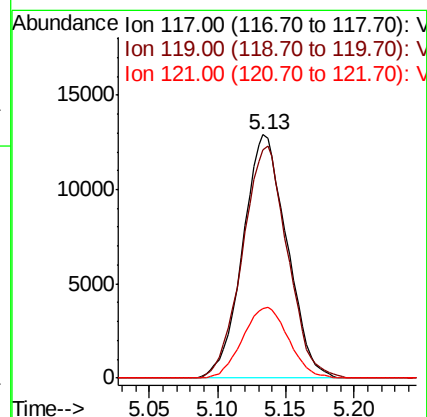
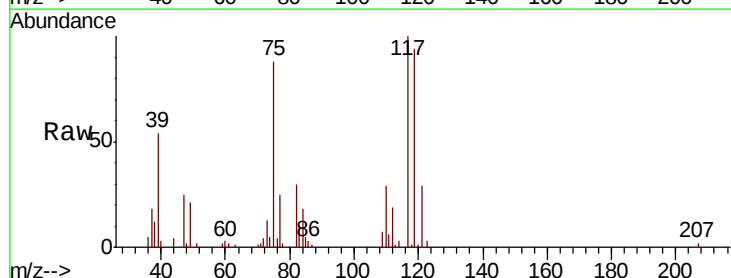
Tgt Ion: 117 Resp: 28955

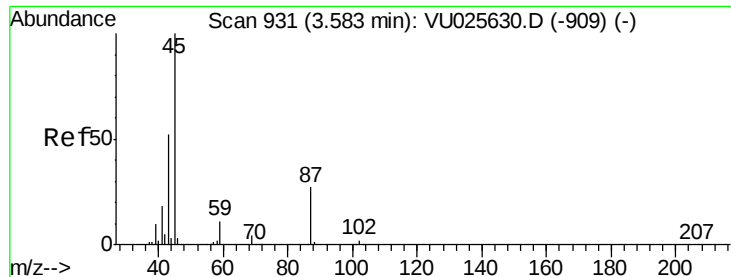
Ion Ratio Lower Upper

117 100

119 93.9 77.3 115.9

121 28.6 24.5 36.7





#31

Isopropyl Ether

Concen: 2.165 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

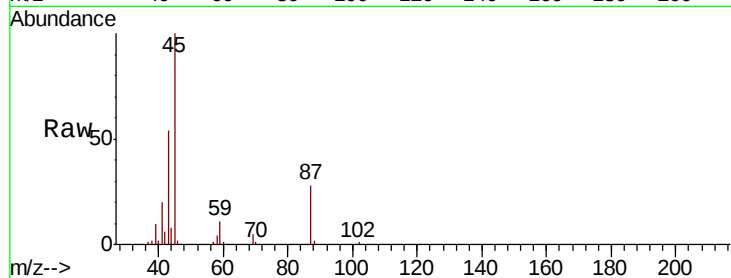
VU0803WBSD01

Tgt Ion: 45 Resp: 50985

Ion Ratio Lower Upper

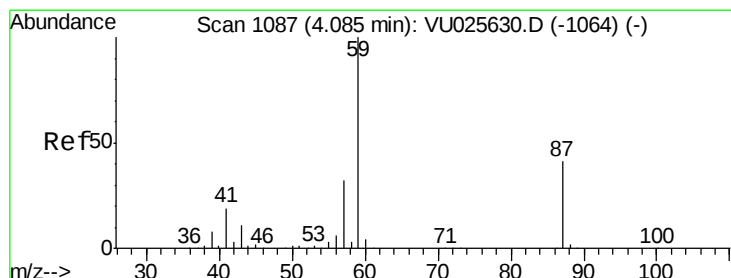
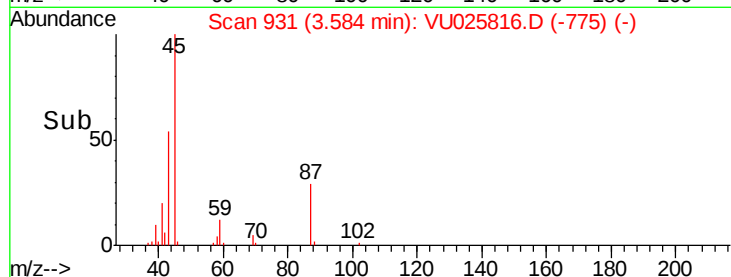
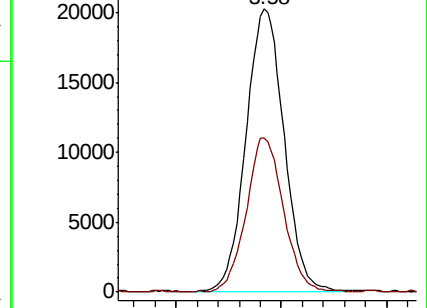
45 100

43 53.4 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 2.047 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025816.D

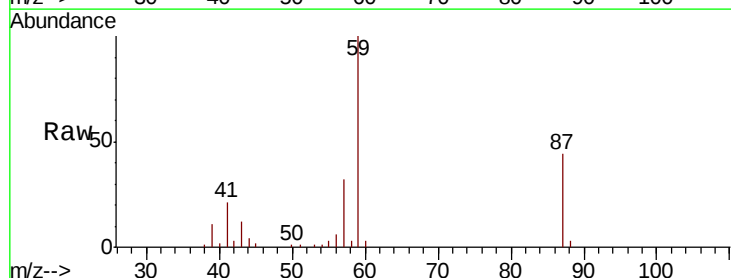
Acq: 03 Aug 2018 13:38

Tgt Ion: 59 Resp: 45814

Ion Ratio Lower Upper

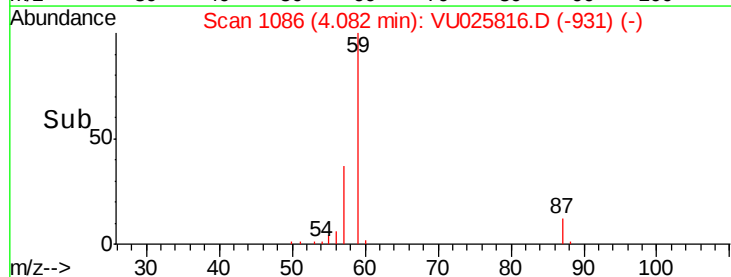
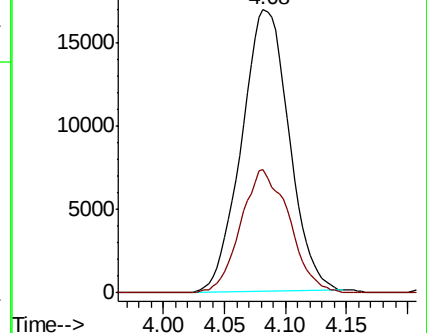
59 100

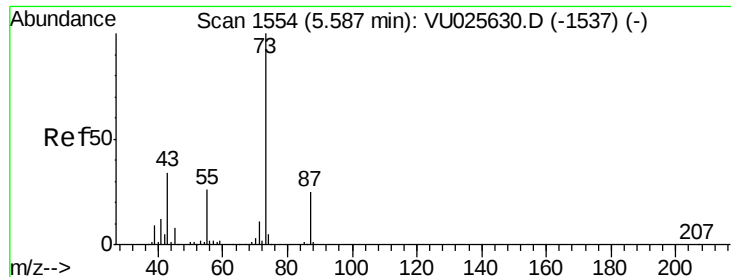
87 44.6 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



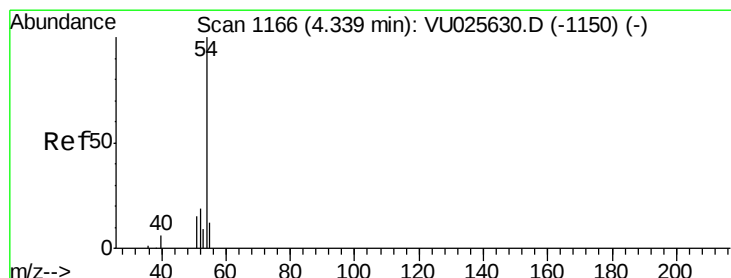
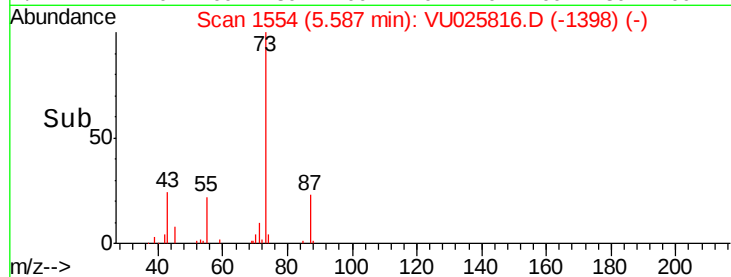
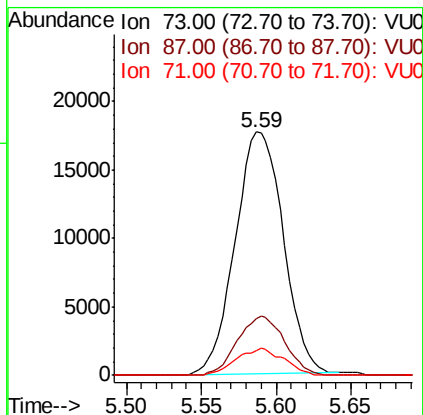
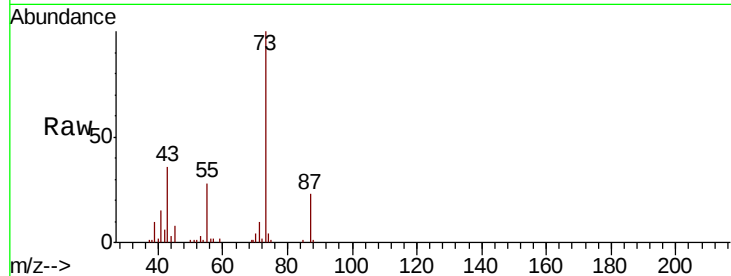


#33

Tert-Amyl methyl ether
 Concen: 2.004 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

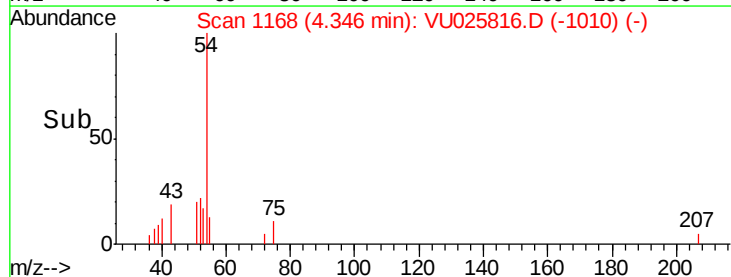
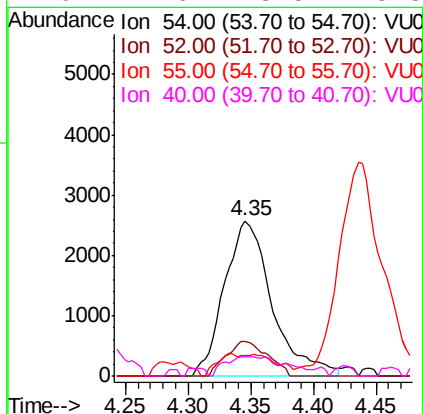
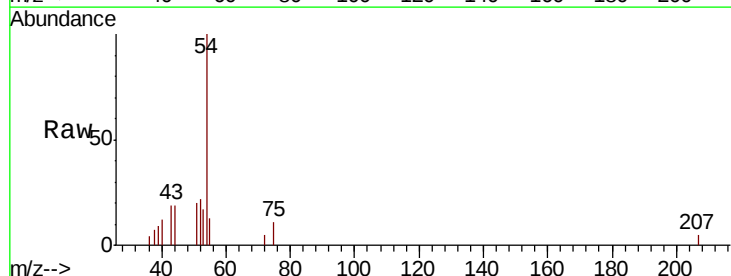
Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.8	18.6	28.0
71	11.0	9.3	13.9

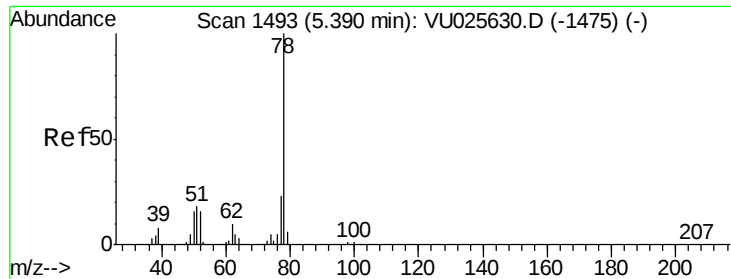


#34

Propionitrile
 Concen: 11.147 ug/l
 RT: 4.35 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.2	13.7	20.5
55	8.1	10.2	15.2#
40	12.6	3.5	5.3#





#35

Benzene

Concen: 2.236 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

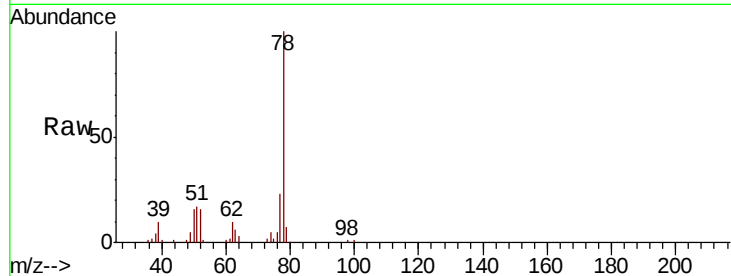
VU0803WBSD01

Tgt Ion: 78 Resp: 74670

Ion Ratio Lower Upper

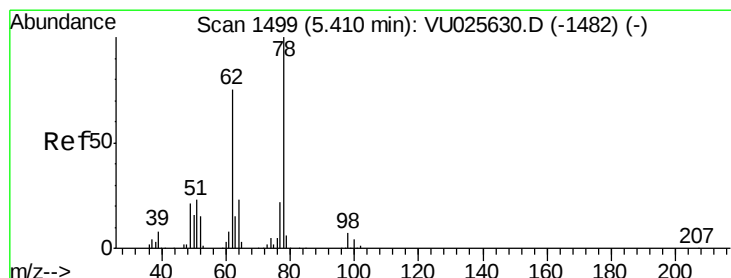
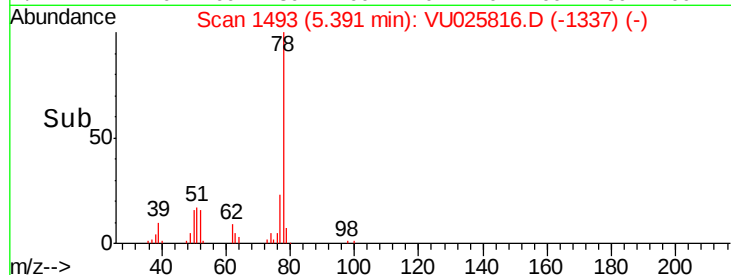
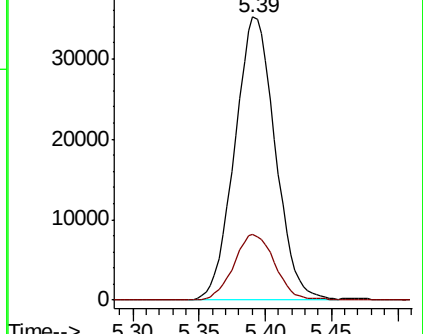
78 100

77 23.0 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.188 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025816.D

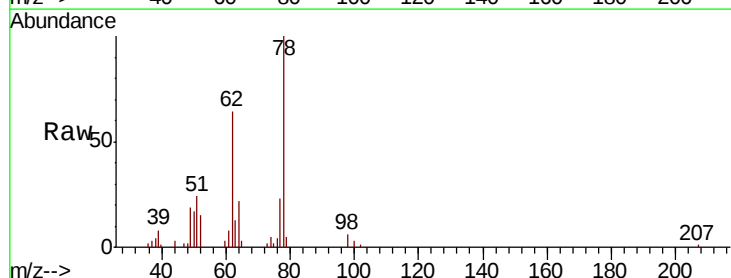
Acq: 03 Aug 2018 13:38

Tgt Ion: 62 Resp: 22439

Ion Ratio Lower Upper

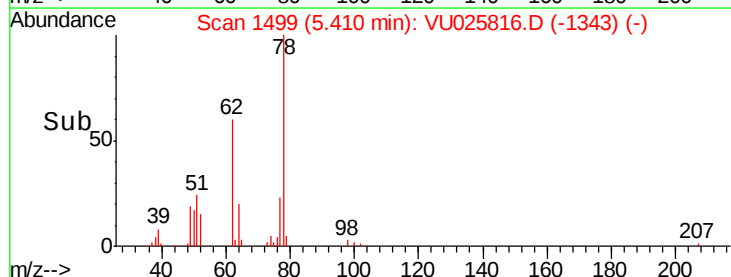
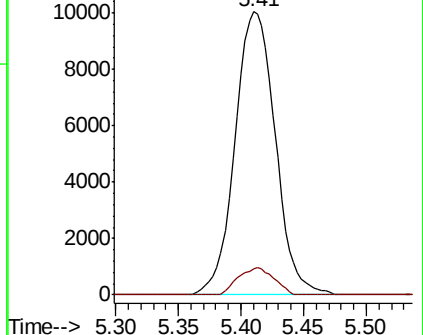
62 100

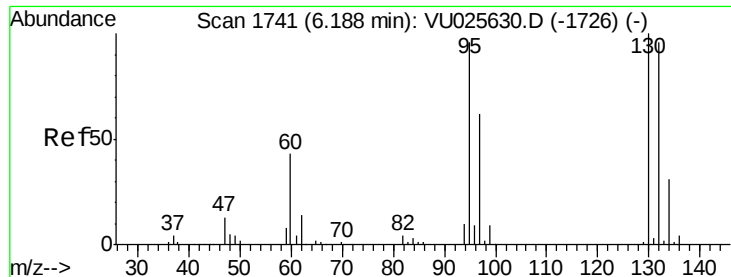
98 8.6 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

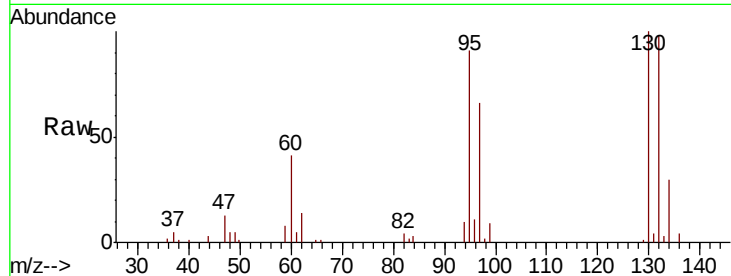




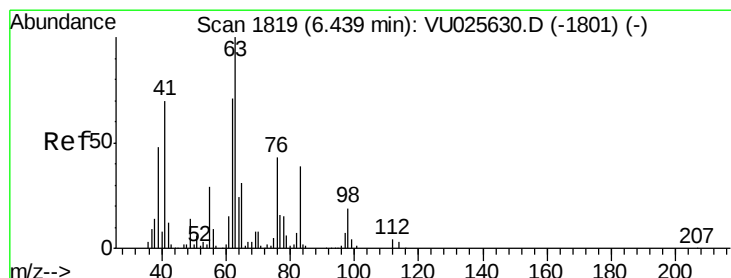
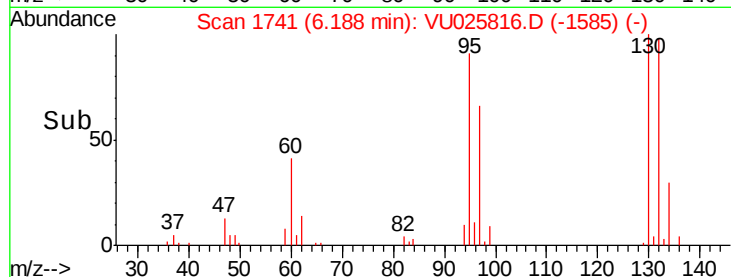
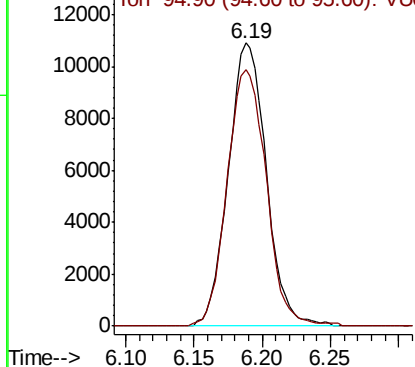
#37
 Trichloroethene
 Concen: 2.147 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

Tgt Ion: 130 Resp: 21123
 Ion Ratio Lower Upper
 130 100
 95 90.7 77.9 116.9

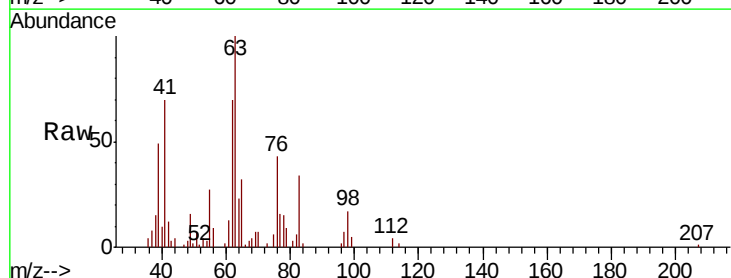


Abundance Ion 129.90 (129.60 to 130.60): VU025630.D (-1726) (-)
 Ion 94.90 (94.60 to 95.60): VU025630.D (-1726) (-)

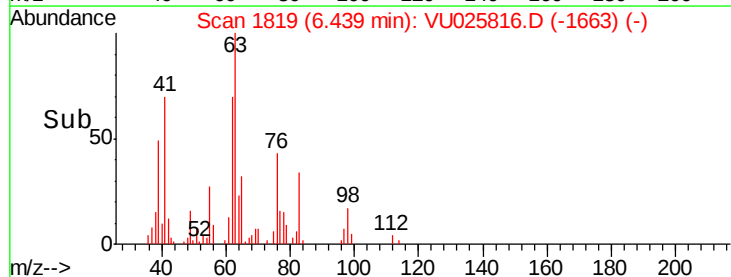
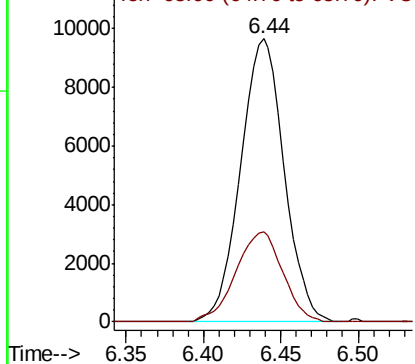


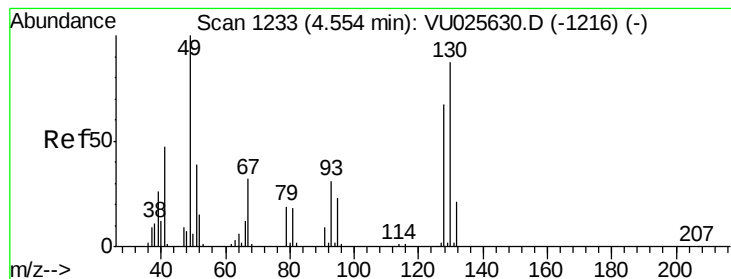
#38
 1,2-Dichloropropane
 Concen: 2.184 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion: 63 Resp: 18928
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU025630.D (-1801) (-)
 Ion 65.00 (64.70 to 65.70): VU025630.D (-1801) (-)





#39

Methacrylonitrile

Concen: 2.052 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

Tgt Ion: 41 Resp: 5771

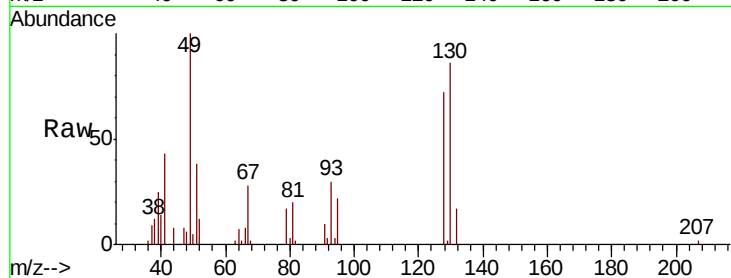
Ion Ratio Lower Upper

41 100

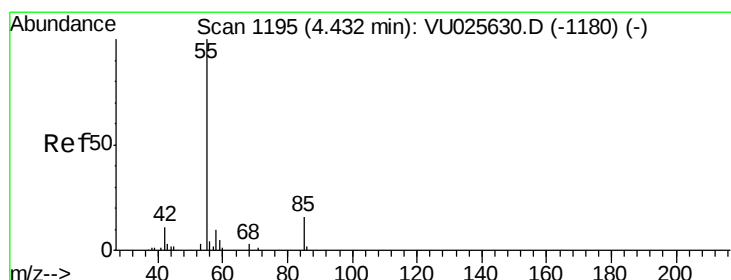
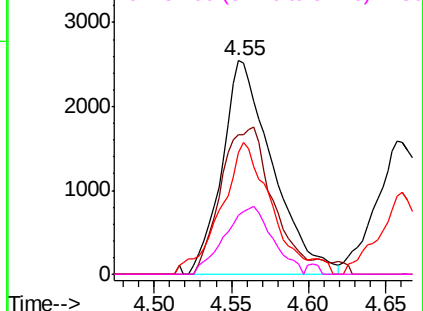
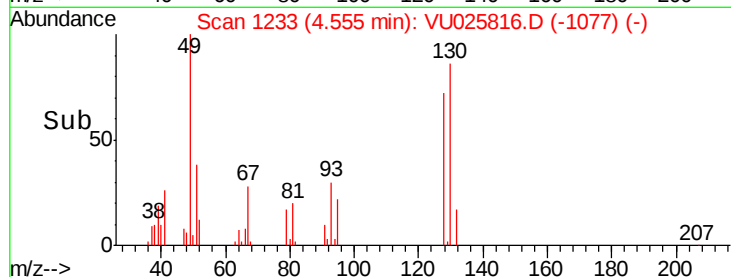
67 72.7 51.3 76.9

39 60.1 40.6 60.8

52 29.8 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: 1.859 ug/l

RT: 4.44 min Scan# 1196

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Tgt Ion: 55 Resp: 7887

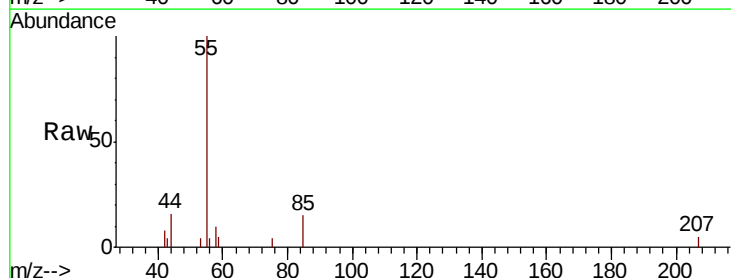
Ion Ratio Lower Upper

55 100

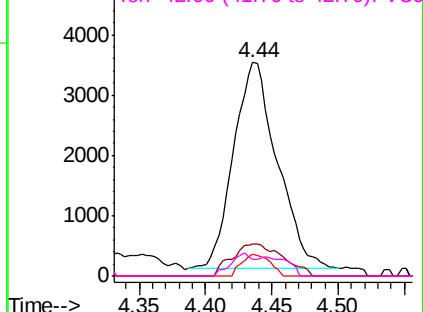
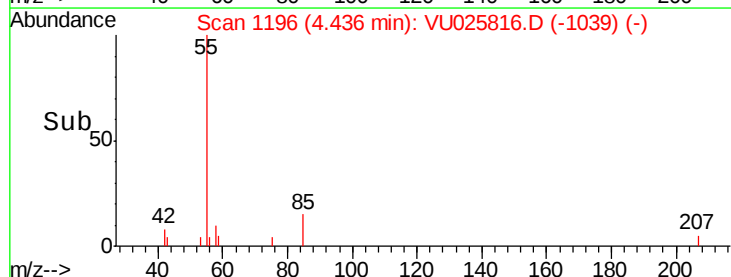
85 17.9 12.3 18.5

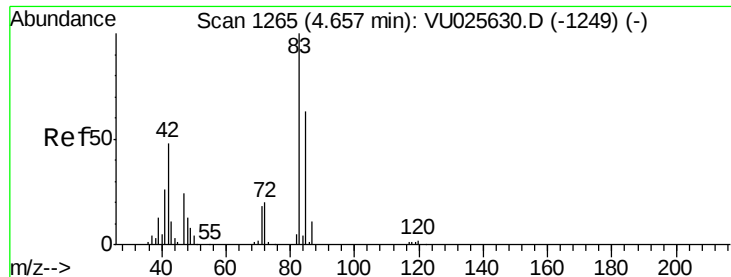
58 6.7 7.0 10.6#

42 6.0 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

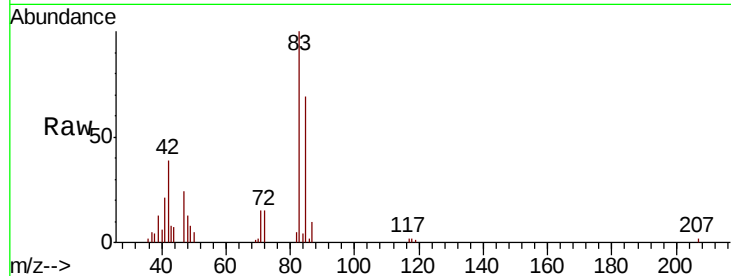




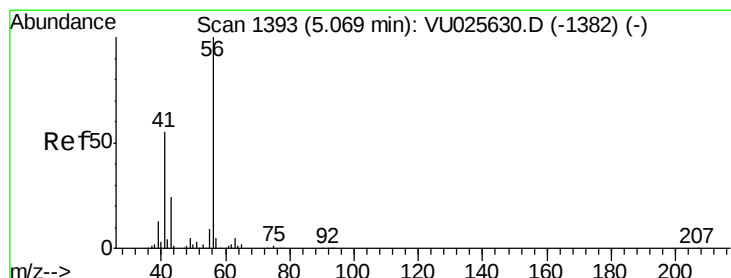
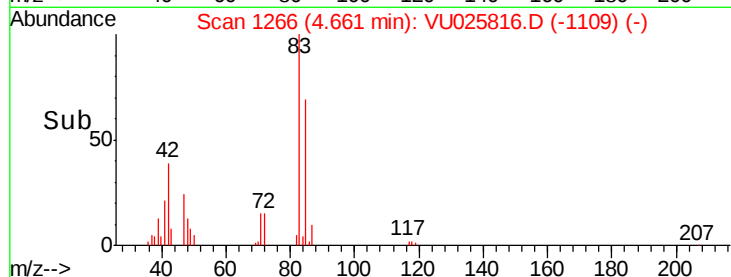
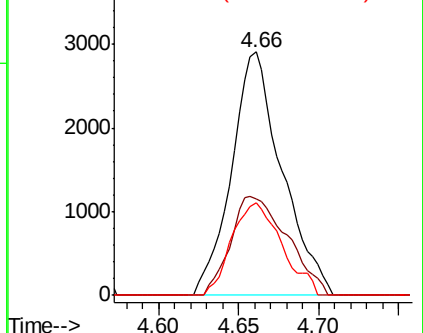
#41
Tetrahydrofuran
Concen: 3.768 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

Tgt Ion: 42 Resp: 6262
Ion Ratio Lower Upper
42 100
72 45.7 33.2 49.8
71 37.7 29.8 44.8

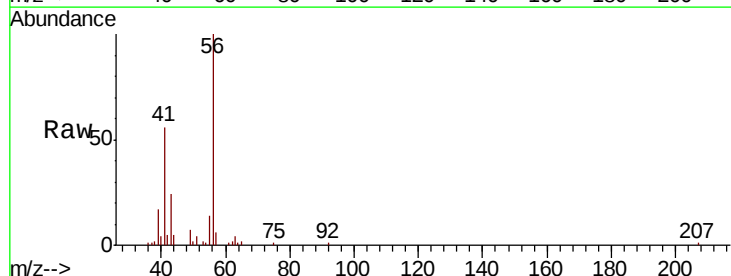


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

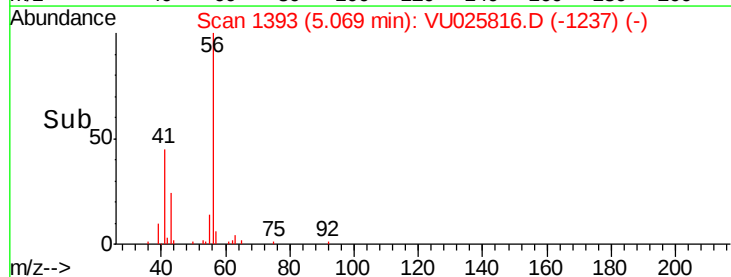
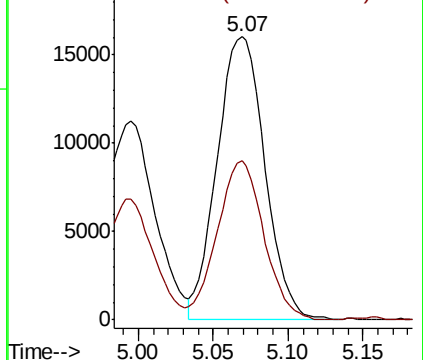


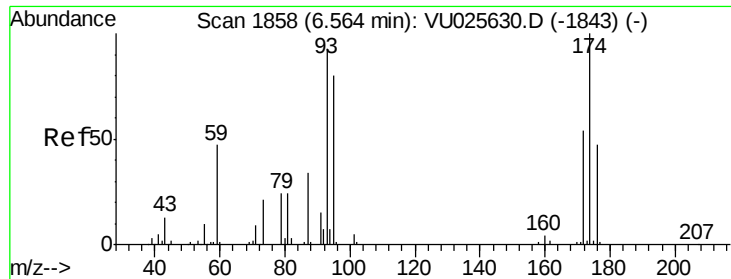
#42
1-Chlorobutane
Concen: 2.189 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 56 Resp: 35644
Ion Ratio Lower Upper
56 100
41 54.9 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.201 ug/l

RT: 6.57 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

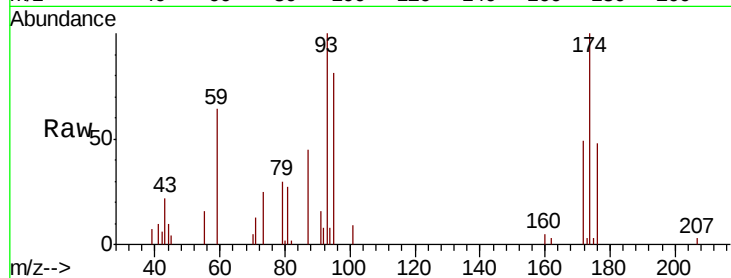
Tgt Ion: 93 Resp: 9959

Ion Ratio Lower Upper

93 100

95 81.2 67.2 100.8

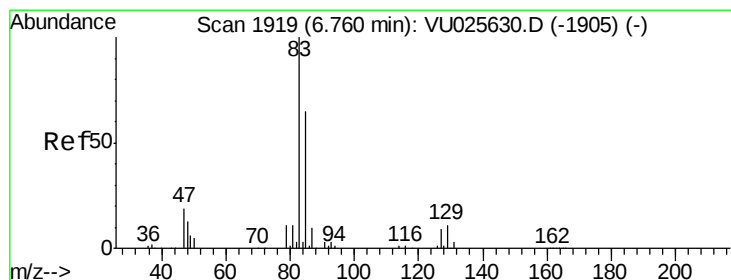
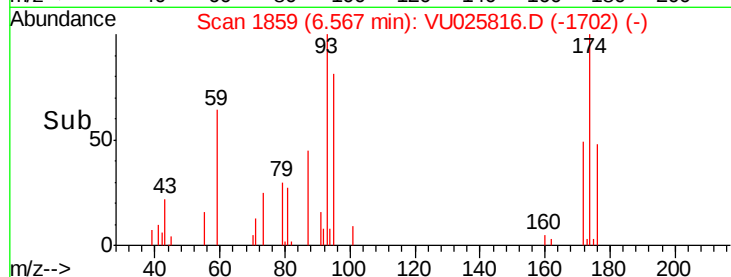
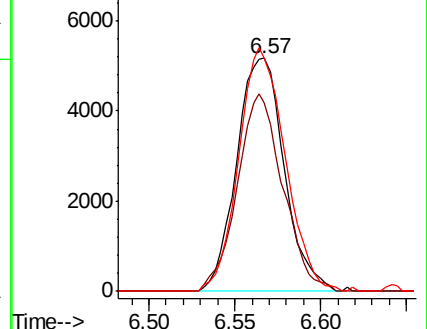
174 102.0 82.8 124.2



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: 2.123 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

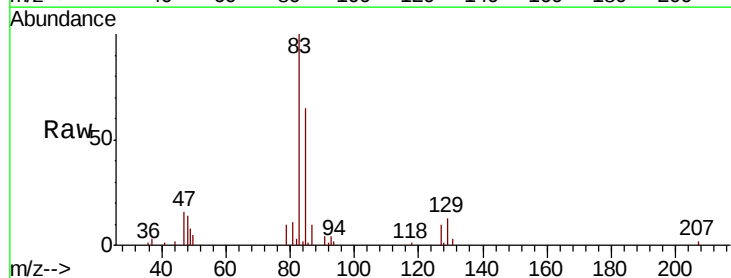
Tgt Ion: 83 Resp: 24344

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

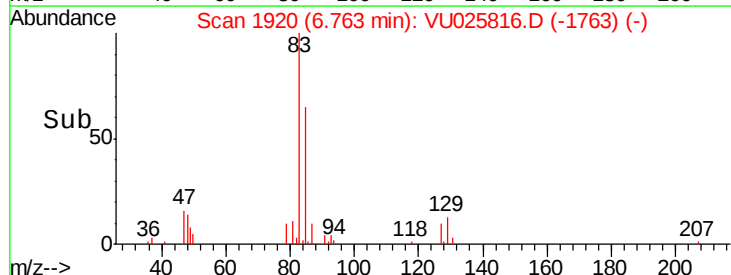
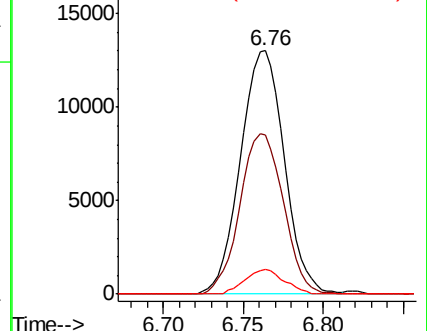
127 10.3 7.0 10.4

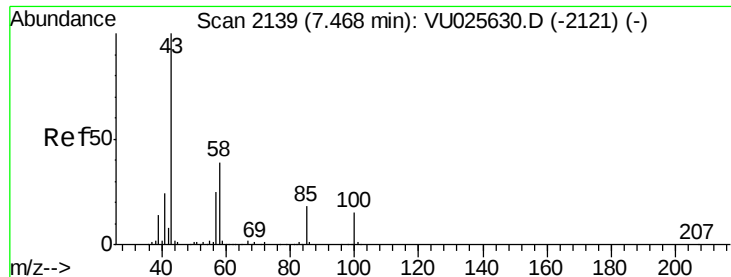


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

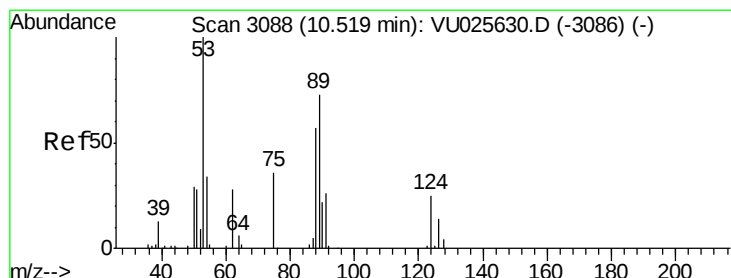
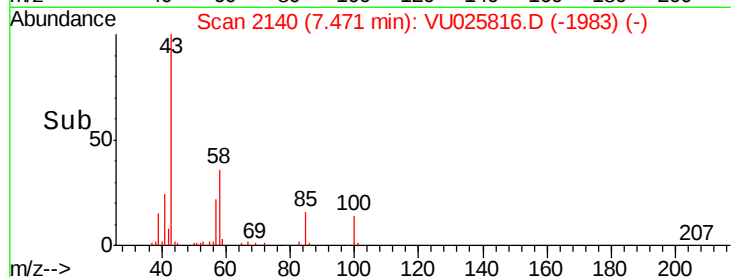
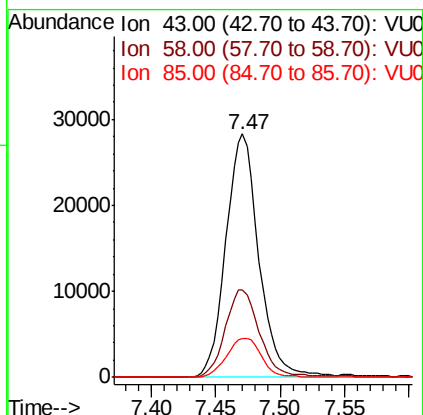
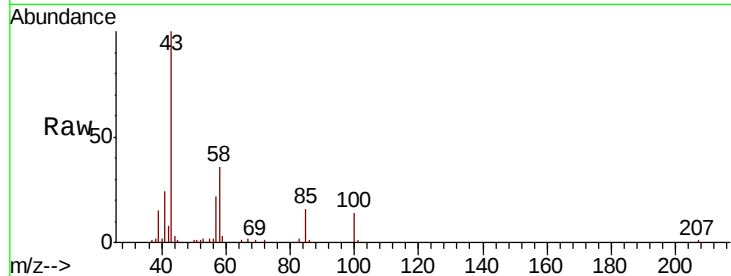




#45
 4-Methyl-2-Pentanone
 Concen: 9.982 ug/l
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

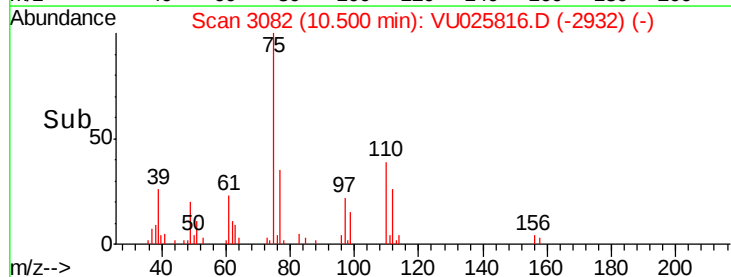
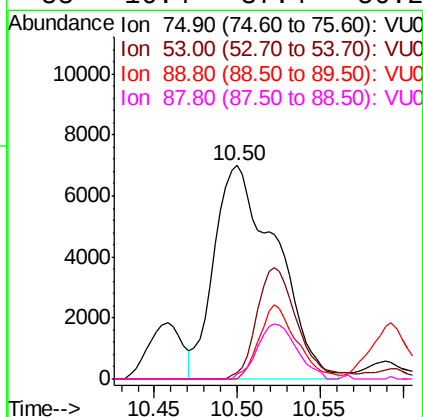
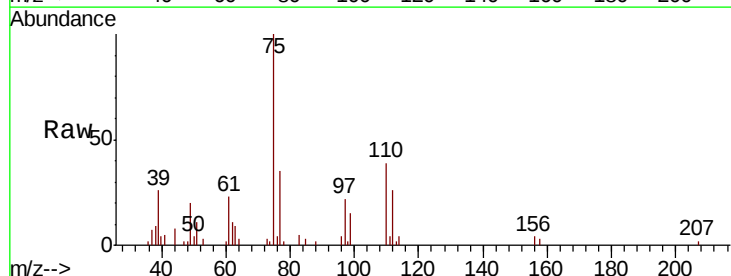
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

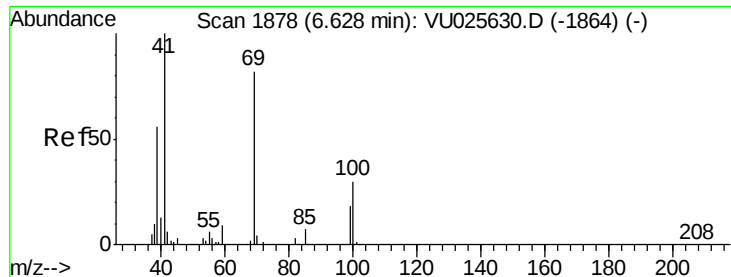
Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	18.8	56.4
85	16.7	12.6	19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 9.375 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
53	34.3	82.2	123.4#
89	20.9	51.3	76.9#
88	16.4	37.4	56.2#





#47

Methyl methacrylate

Concen: 3.951 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

Tgt Ion: 69 Resp: 14948

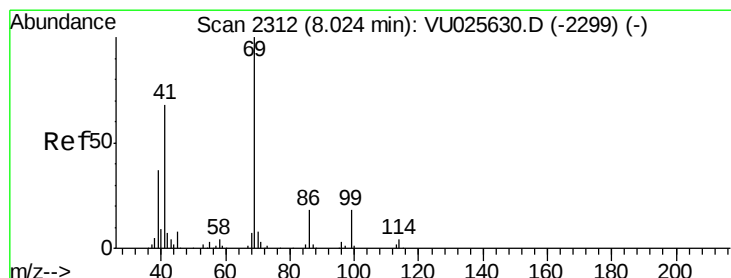
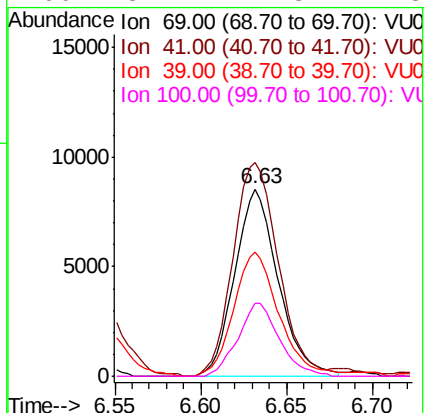
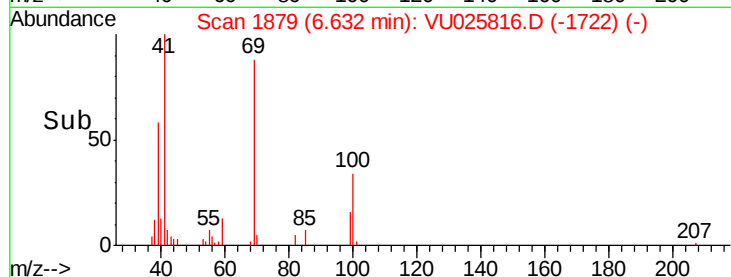
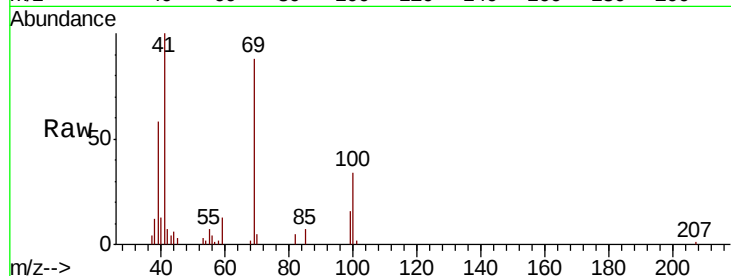
Ion Ratio Lower Upper

69 100

41 119.1 0.0 245.4

39 69.3 49.0 73.4

100 37.2 27.8 41.8



#48

Ethyl methacrylate

Concen: 1.874 ug/l

RT: 8.02 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VU025816.D

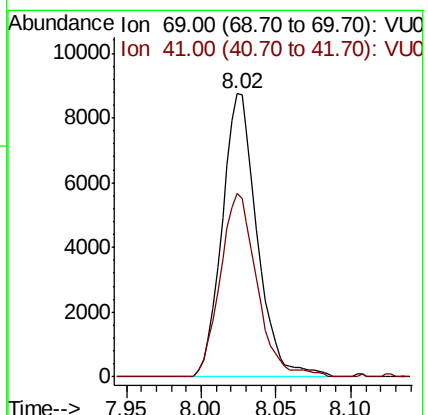
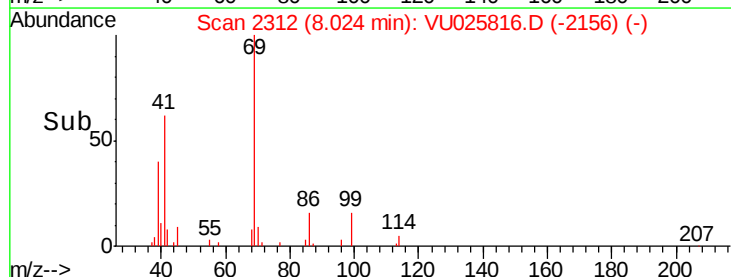
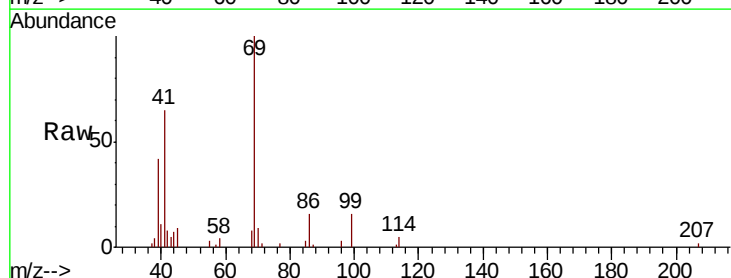
Acq: 03 Aug 2018 13:38

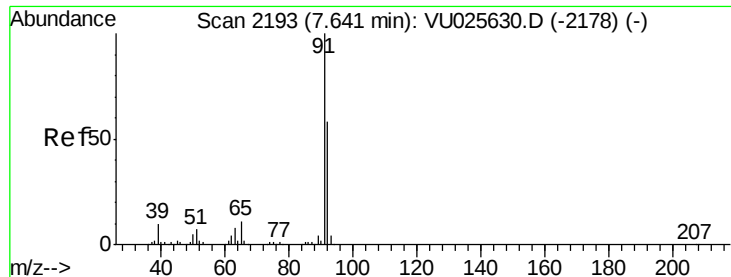
Tgt Ion: 69 Resp: 14243

Ion Ratio Lower Upper

69 100

41 68.0 34.2 102.5





#49

Toluene

Concen: 2.011 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

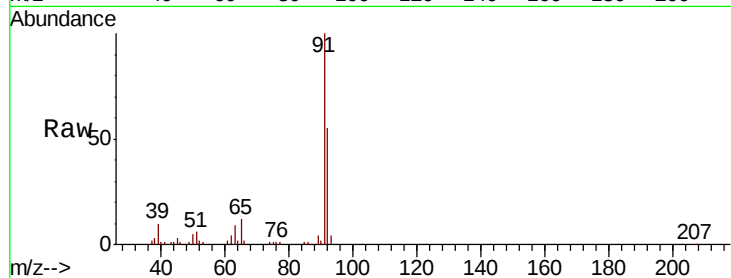
VU0803WBSD01

Tgt Ion: 92 Resp: 41059

Ion Ratio Lower Upper

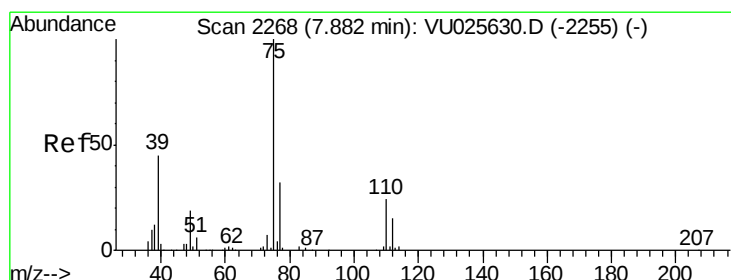
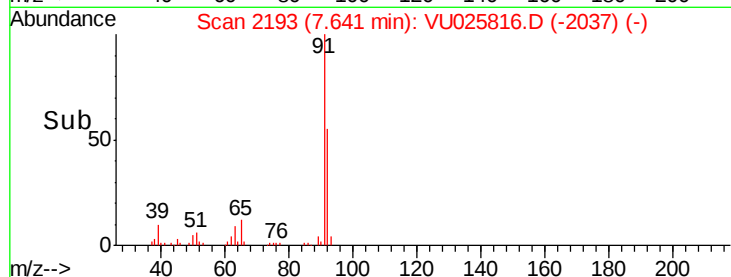
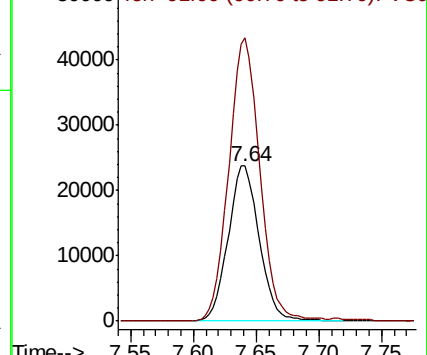
92 100

91 181.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 2.095 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025816.D

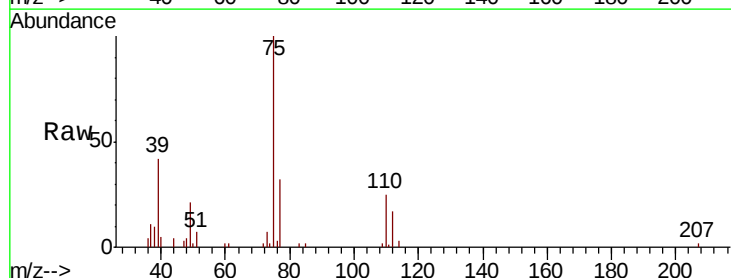
Acq: 03 Aug 2018 13:38

Tgt Ion: 75 Resp: 21680

Ion Ratio Lower Upper

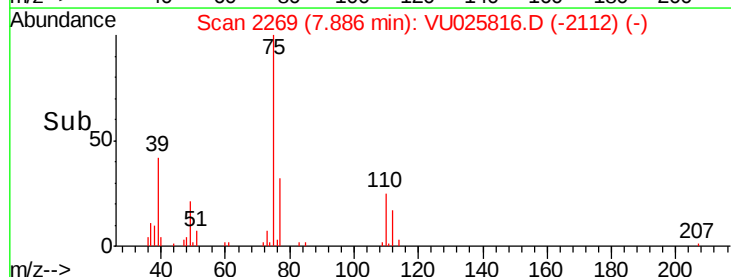
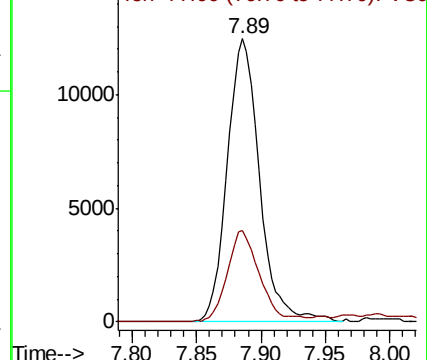
75 100

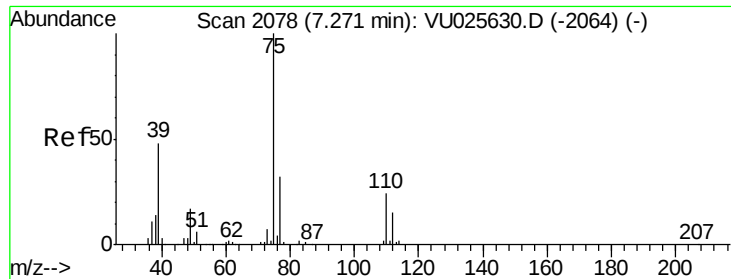
77 32.1 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 2.072 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

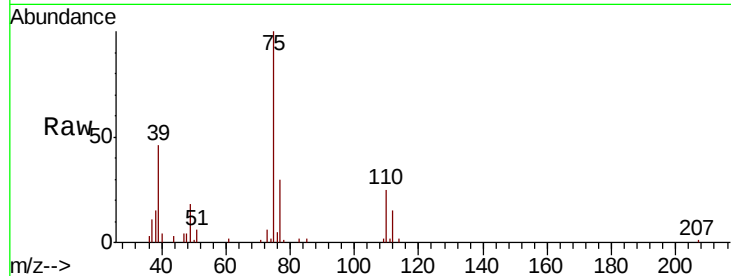
Tgt Ion: 75 Resp: 25687

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

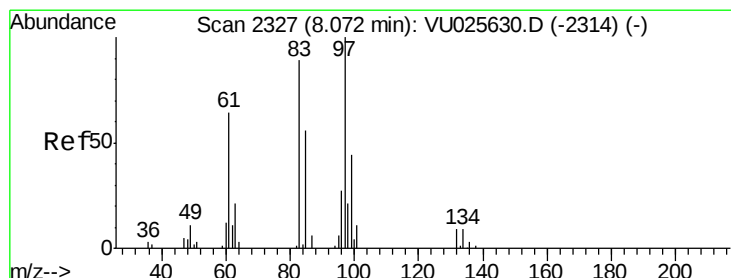
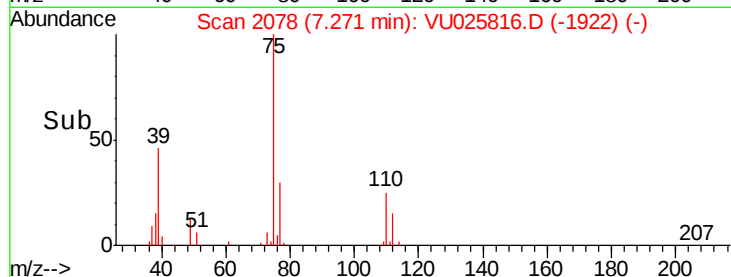
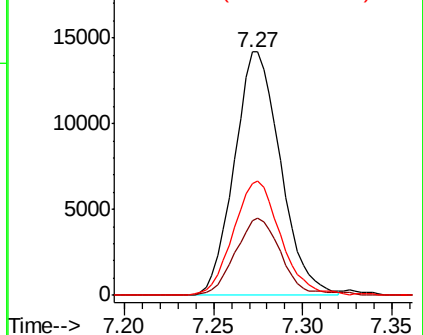
39 46.1 36.4 54.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 2.096 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Tgt Ion: 97 Resp: 12716

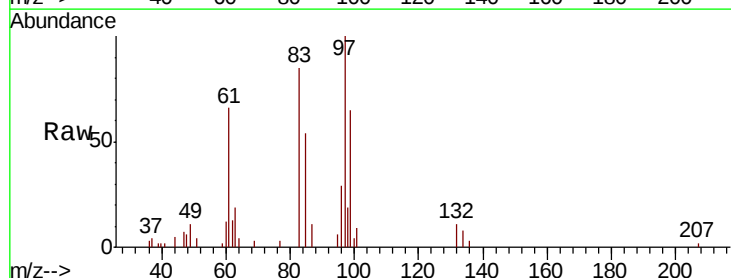
Ion Ratio Lower Upper

97 100

83 84.8 72.6 109.0

85 54.2 47.2 70.8

99 64.9 50.8 76.2

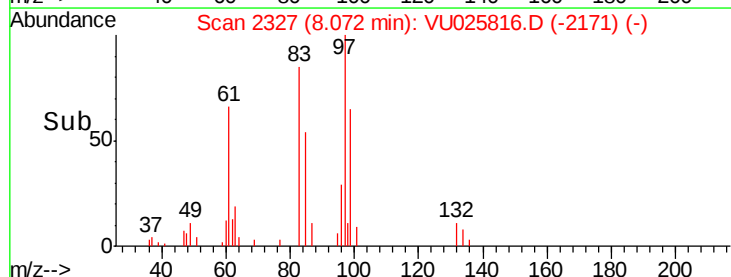
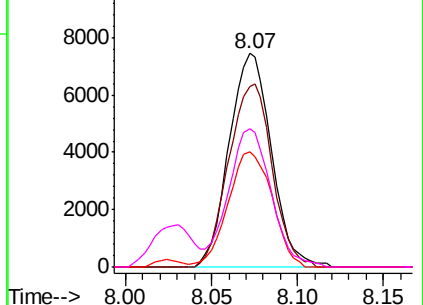


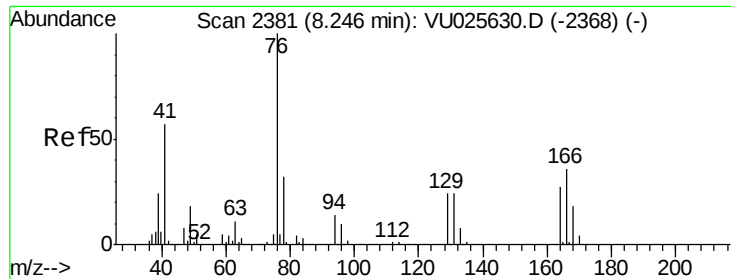
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0

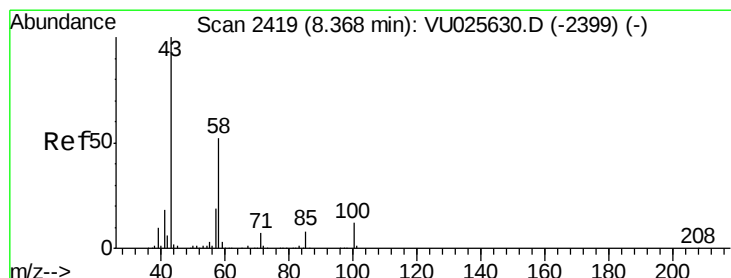
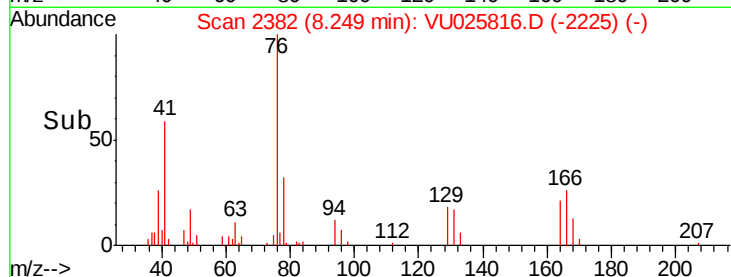
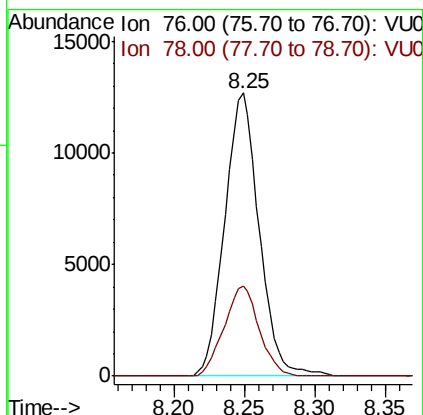
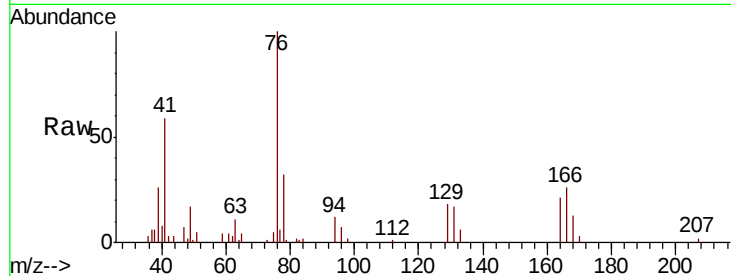




#53
 1,3-Dichloropropane
 Concen: 2.115 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

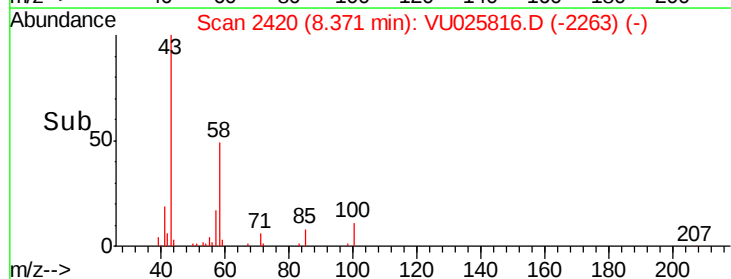
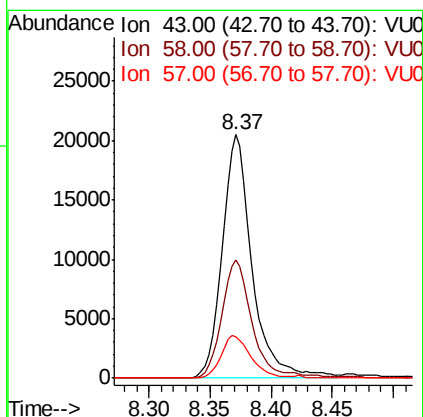
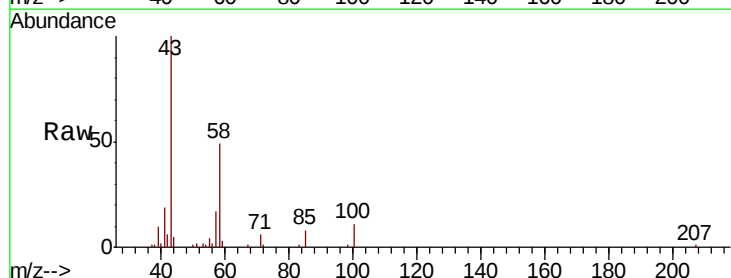
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

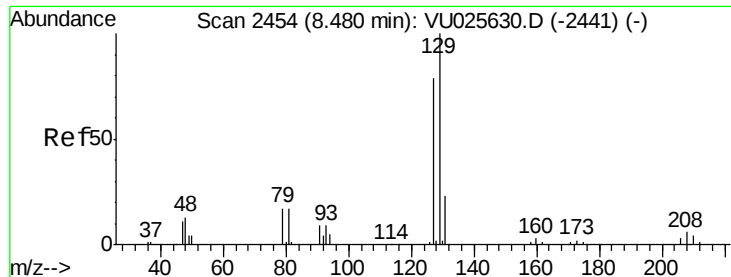
Tgt Ion: 76 Resp: 21653
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#54
 2-Hexanone
 Concen: 9.863 ug/l
 RT: 8.37 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion: 43 Resp: 35146
 Ion Ratio Lower Upper
 43 100
 58 49.5 32.5 72.5
 57 17.1 0.0 37.9





#55

Dibromochloromethane

Concen: 2.102 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

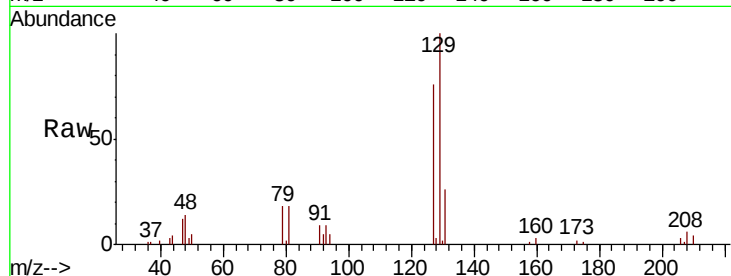
VU0803WBSD01

Tgt Ion:129 Resp: 16211

Ion Ratio Lower Upper

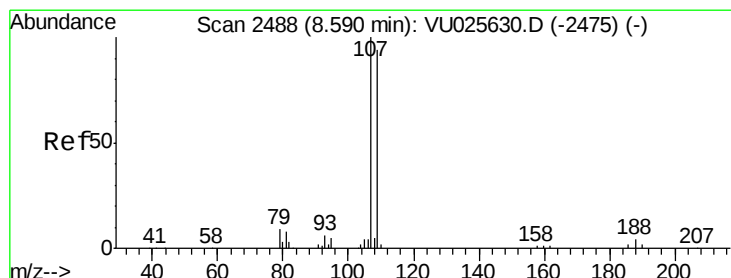
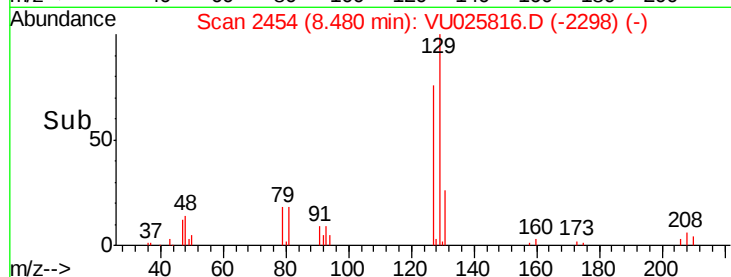
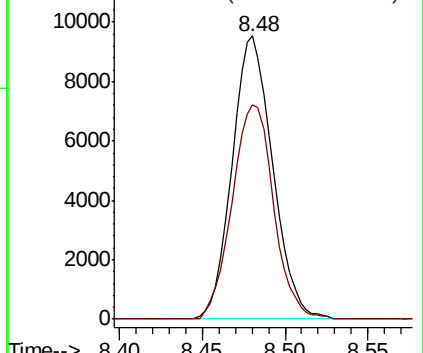
129 100

127 77.4 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: 2.197 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU025816.D

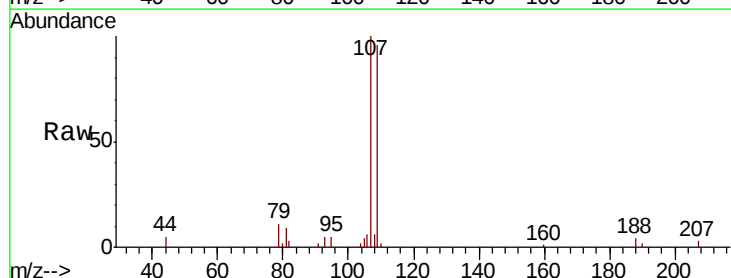
Acq: 03 Aug 2018 13:38

Tgt Ion:107 Resp: 12897

Ion Ratio Lower Upper

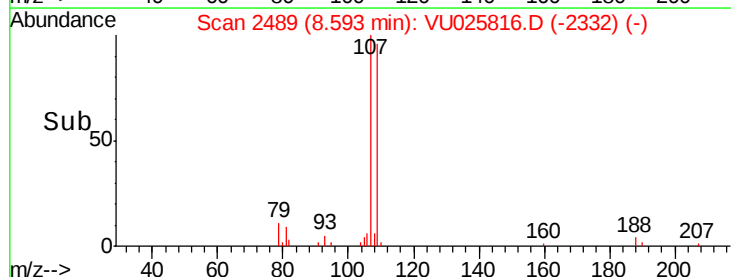
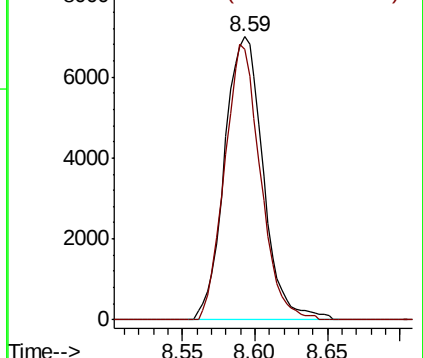
107 100

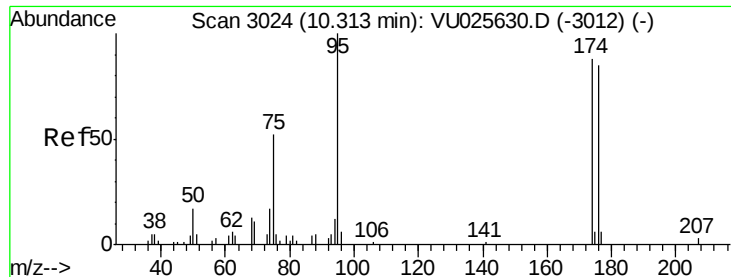
109 90.0 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

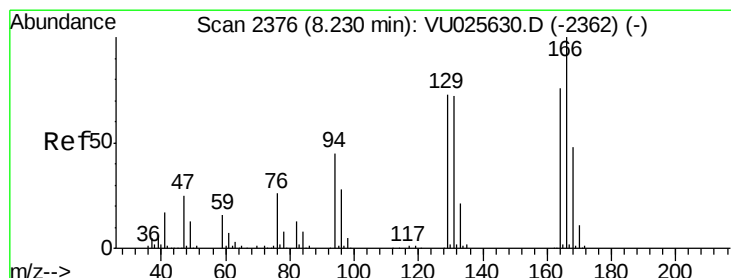
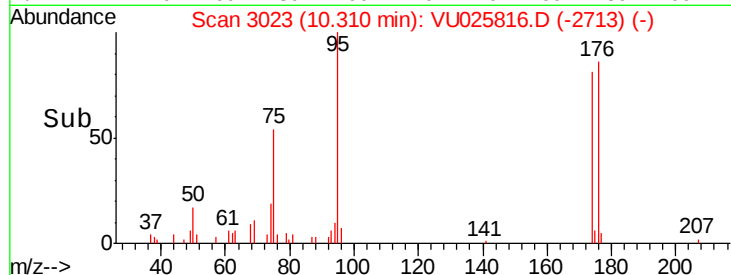
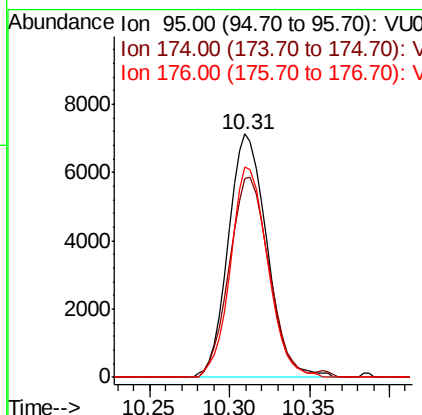
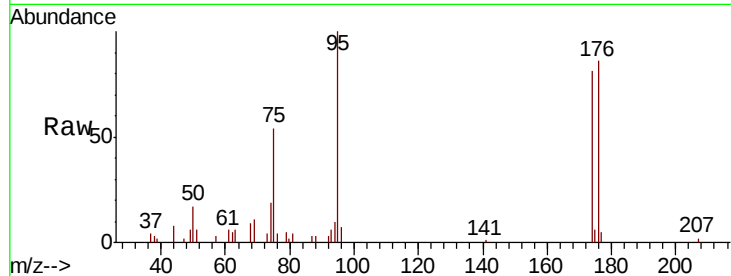




#57
4-Bromofluorobenzene
Concen: 2.197 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

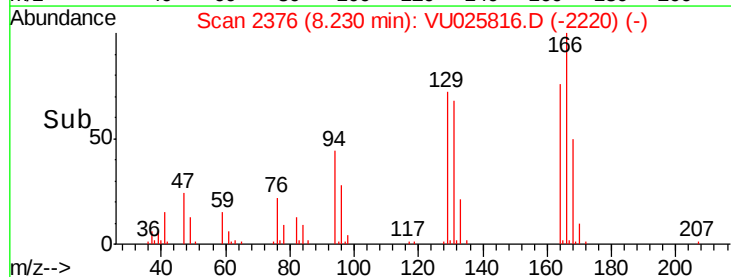
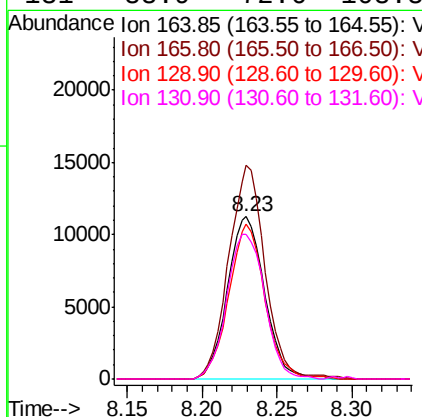
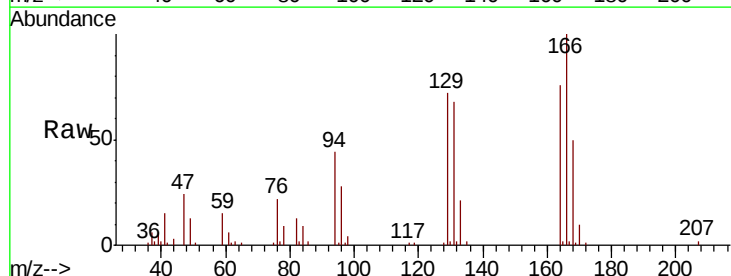
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

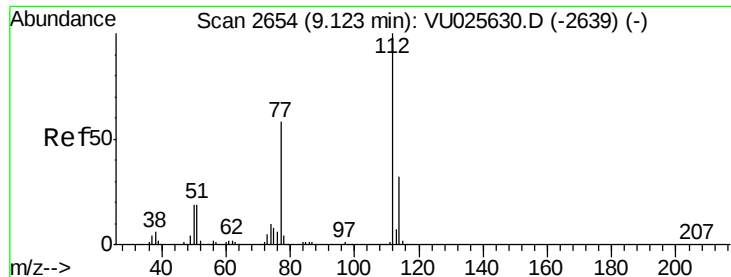
Tgt Ion: 95 Resp: 11719
Ion Ratio Lower Upper
95 100
174 84.5 65.6 98.4
176 83.2 62.0 93.0



#58
Tetrachloroethene
Concen: 2.204 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 164 Resp: 19492
Ion Ratio Lower Upper
164 100
166 131.7 104.1 156.1
129 95.1 76.8 115.2
131 88.9 72.6 108.8





#59

Chlorobenzene

Concen: 2.109 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

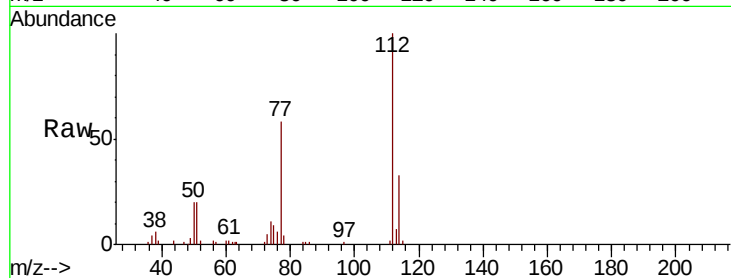
VU0803WBSD01

Tgt Ion:112 Resp: 49505

Ion Ratio Lower Upper

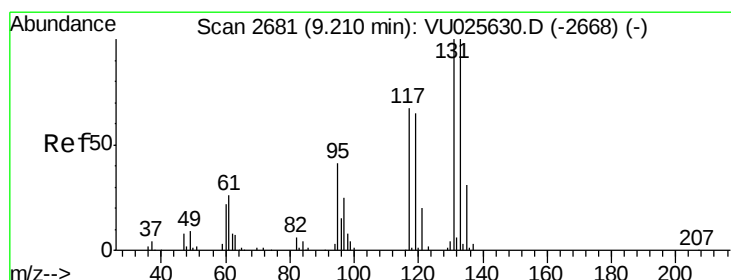
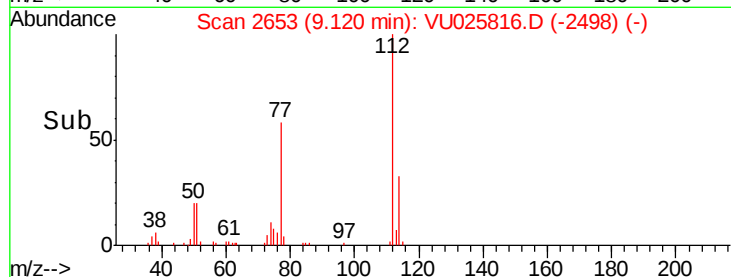
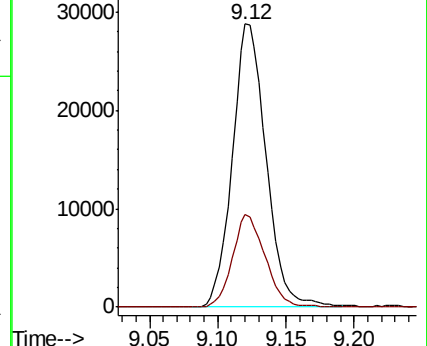
112 100

114 32.9 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.222 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

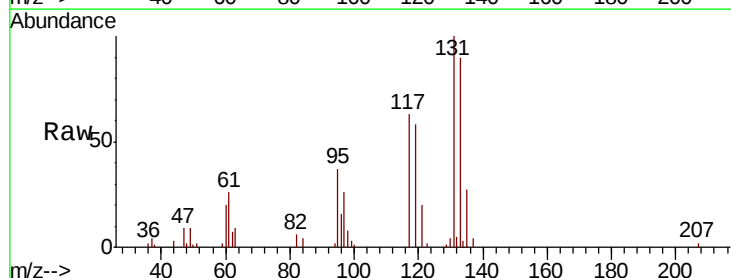
Tgt Ion:131 Resp: 19366

Ion Ratio Lower Upper

131 100

133 91.8 75.8 113.8

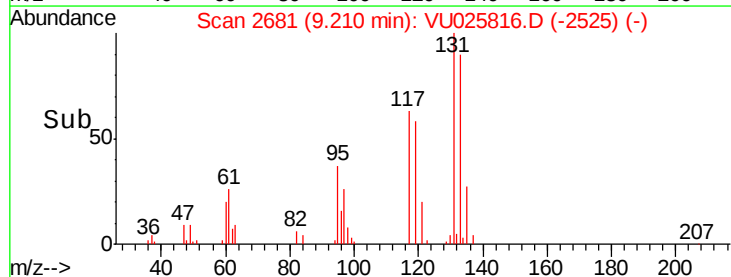
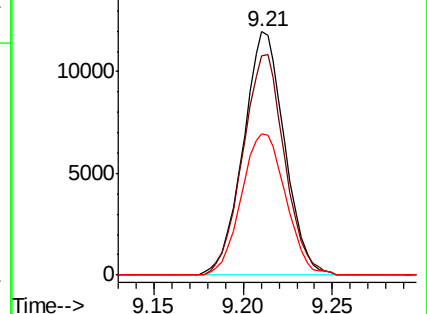
119 62.1 53.0 79.6

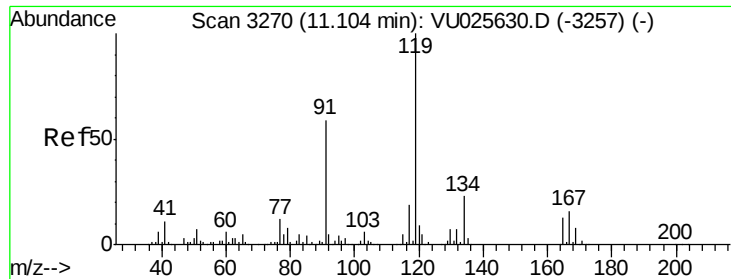


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

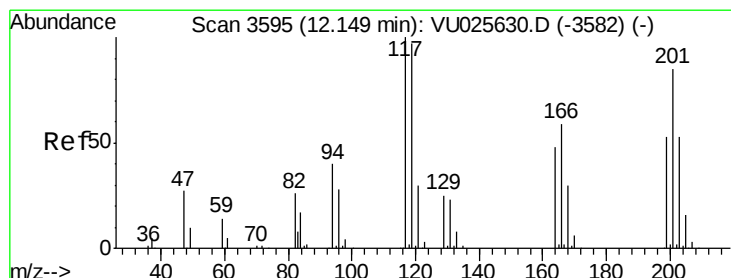
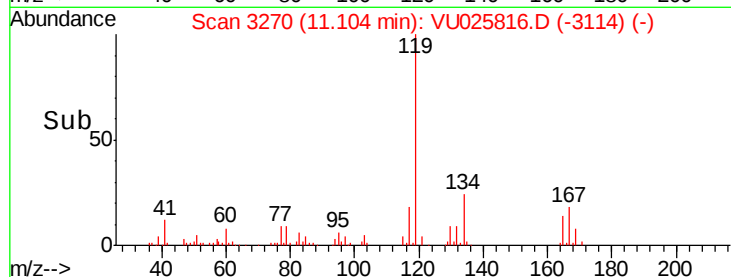
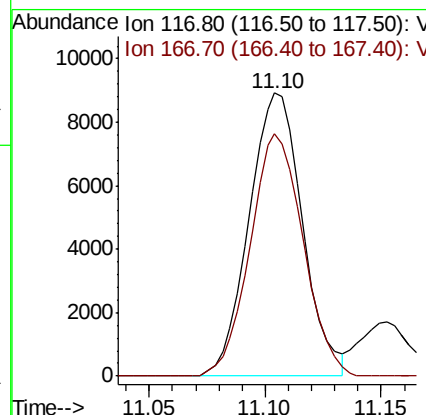
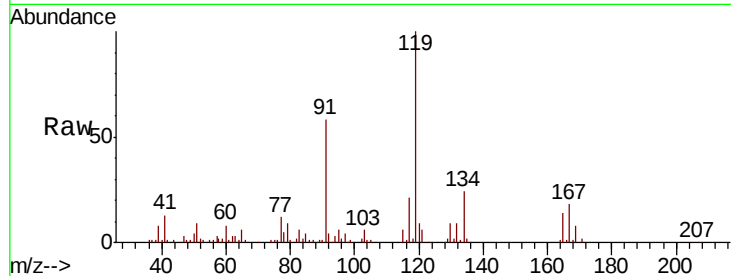




#61
 Pentachloroethane
 Concen: 2.146 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

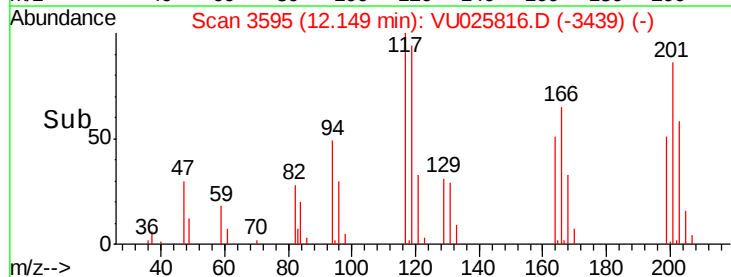
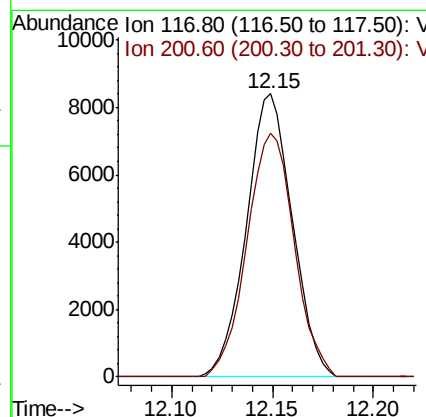
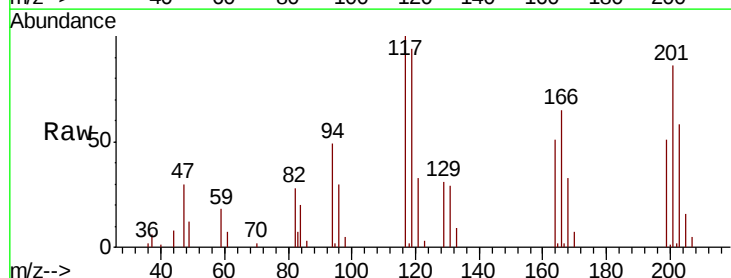
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

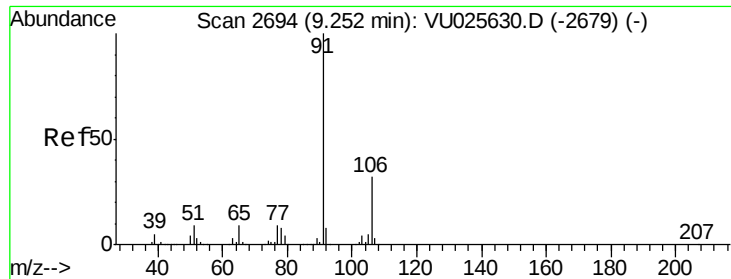
Tgt Ion:117 Resp: 14278
 Ion Ratio Lower Upper
 117 100
 167 85.1 69.2 103.8



#62
 Hexachloroethane
 Concen: 1.975 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:117 Resp: 13418
 Ion Ratio Lower Upper
 117 100
 201 88.6 68.7 103.1

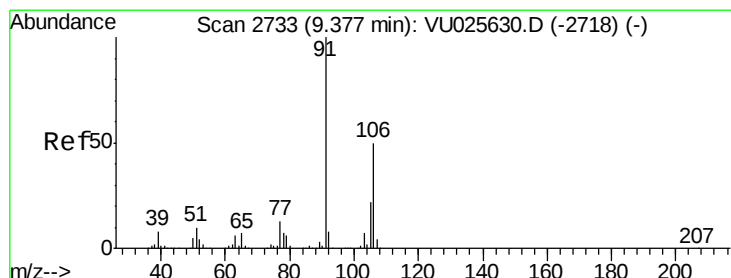
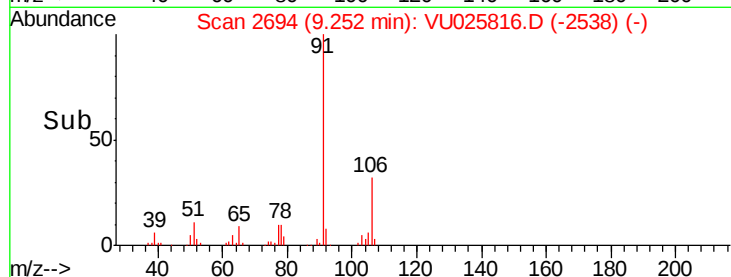
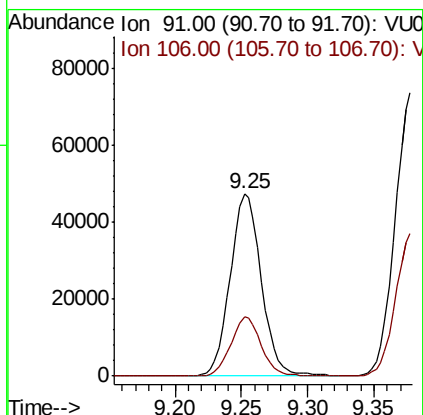
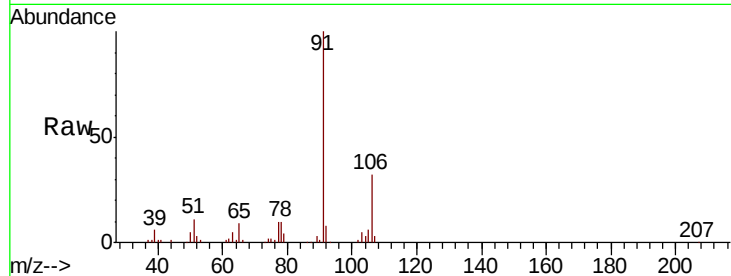




#63
Ethyl Benzene
Concen: 1.980 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

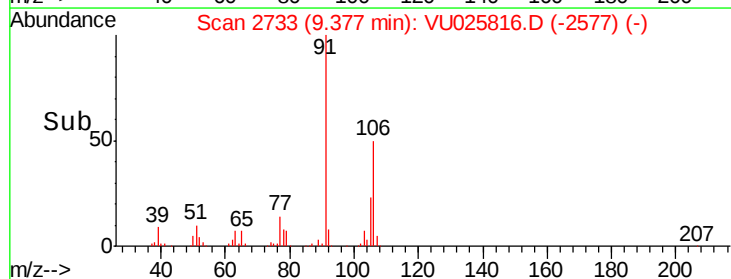
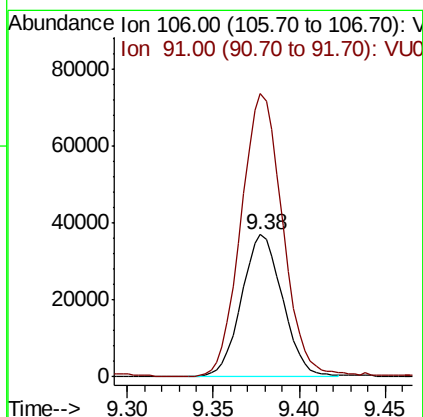
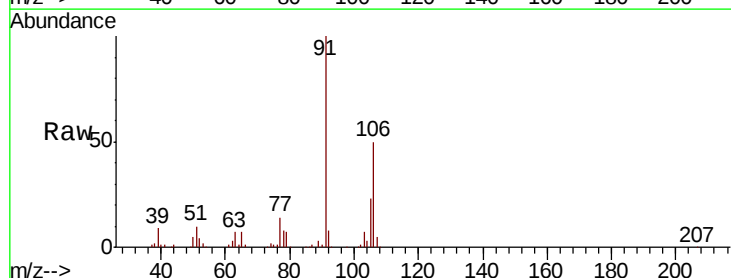
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

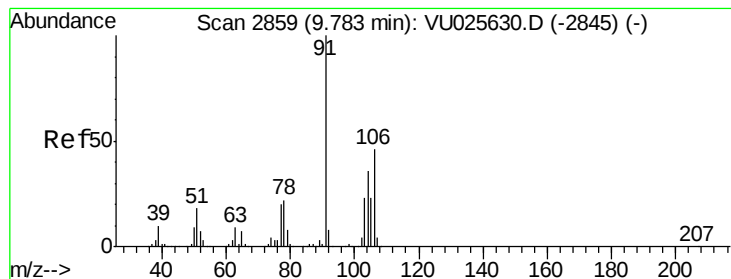
Tgt Ion: 91 Resp: 77321
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1



#64
m/p-Xylenes
Concen: 3.991 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion: 106 Resp: 61241
Ion Ratio Lower Upper
106 100
91 200.8 164.1 246.1





#65

o-Xylene

Concen: 1.970 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

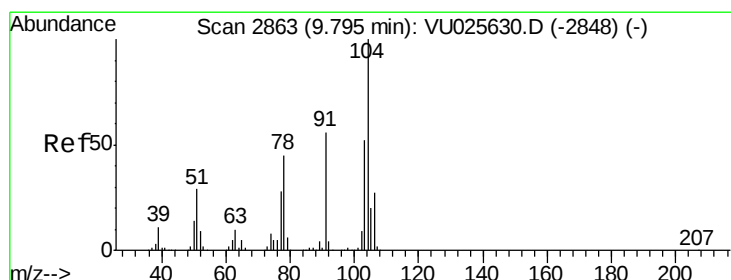
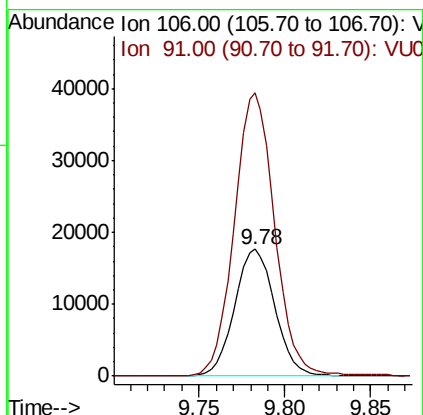
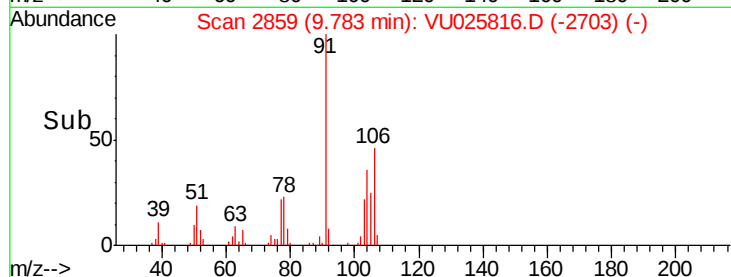
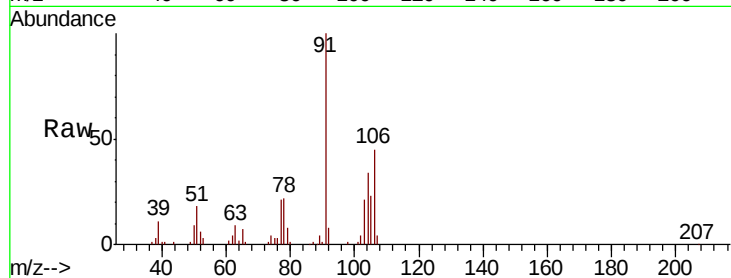
VU0803WBSD01

Tgt Ion:106 Resp: 28811

Ion Ratio Lower Upper

106 100

91 223.9 107.9 323.7



#66

Styrene

Concen: 1.976 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

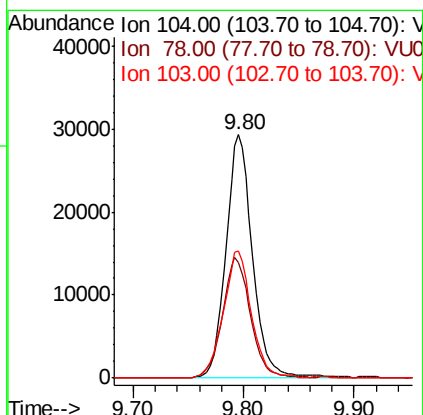
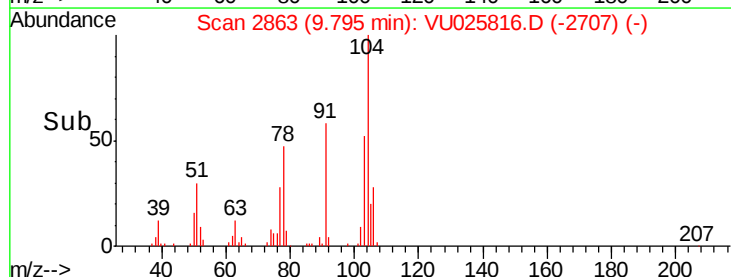
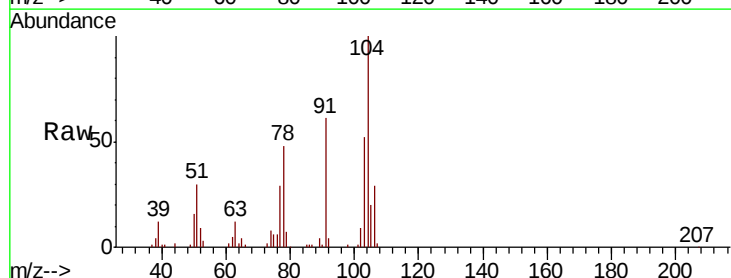
Tgt Ion:104 Resp: 49075

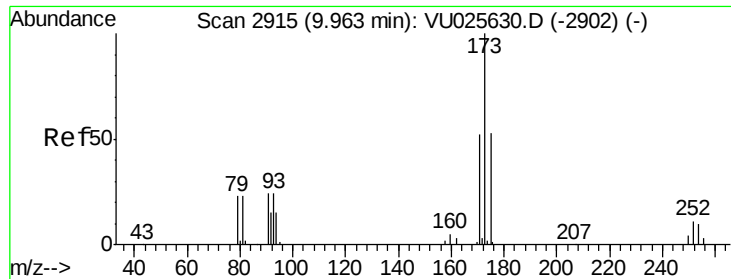
Ion Ratio Lower Upper

104 100

78 52.1 40.2 60.2

103 54.7 44.2 66.4

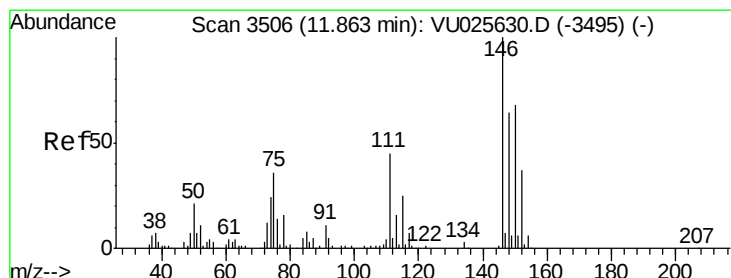
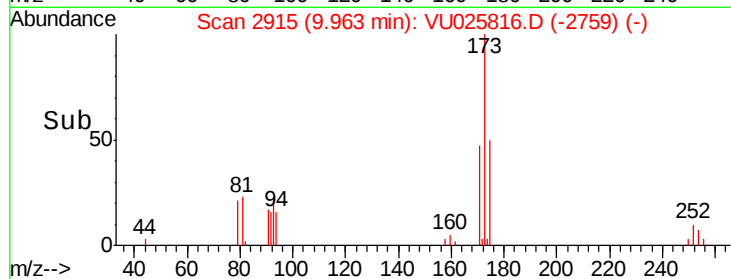
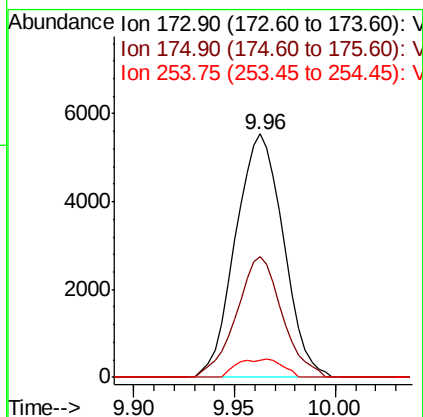
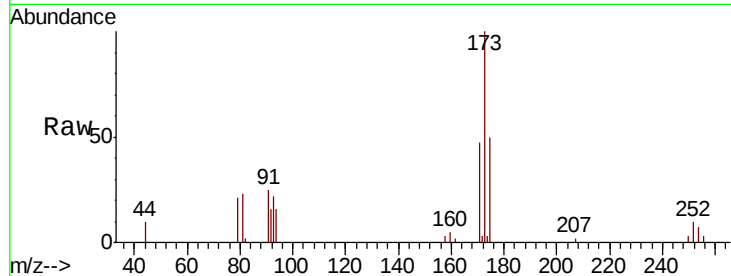




#67
 Bromoform
 Concen: 2.024 ug/l
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

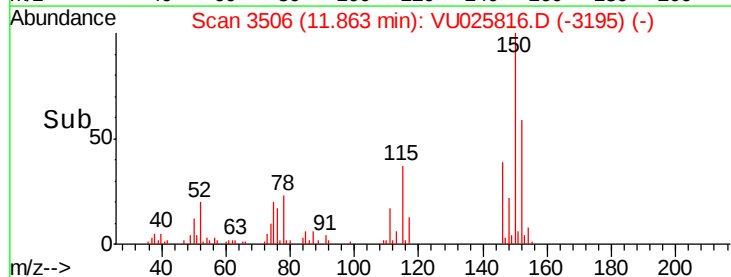
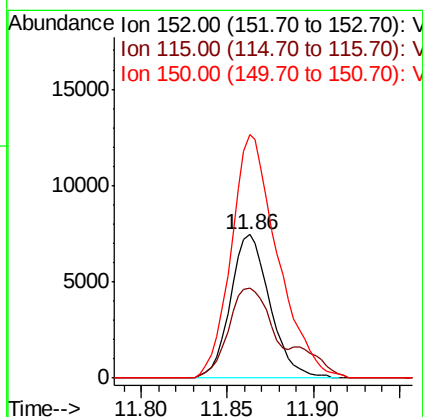
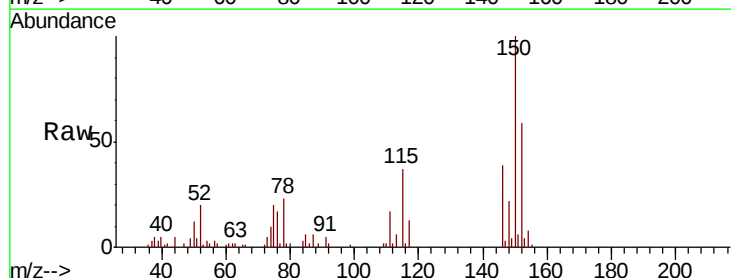
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

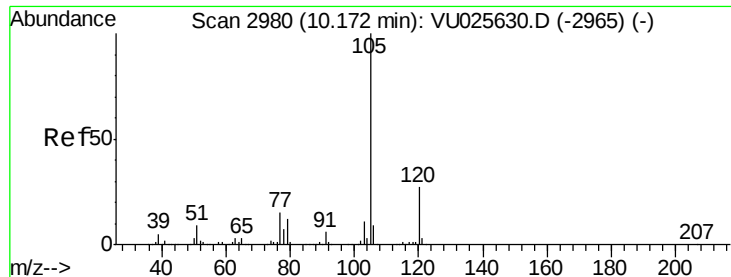
Tgt Ion:173 Resp: 9210
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.6 57.8
 254 7.1 8.8 13.2#



#68
 1,2-Dichlorobenzene-d4
 Concen: 2.024 ug/l
 RT: 11.86 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:152 Resp: 11969
 Ion Ratio Lower Upper
 152 100
 115 68.8 0.0 118.8
 150 197.8 0.0 0.0#





#69

Isopropylbenzene

Concen: 1.963 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

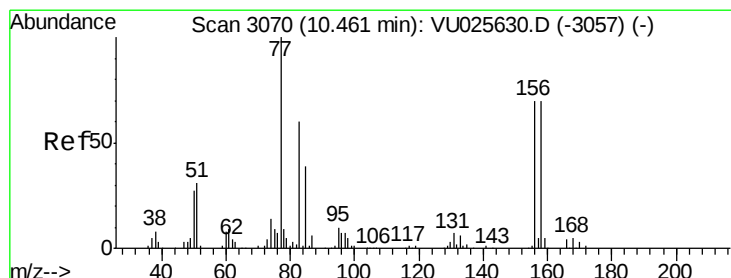
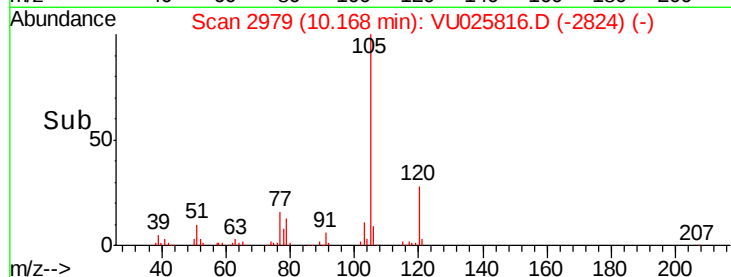
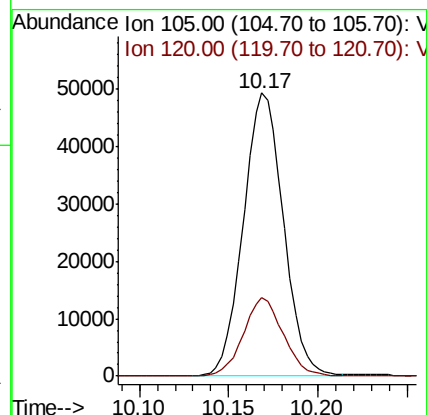
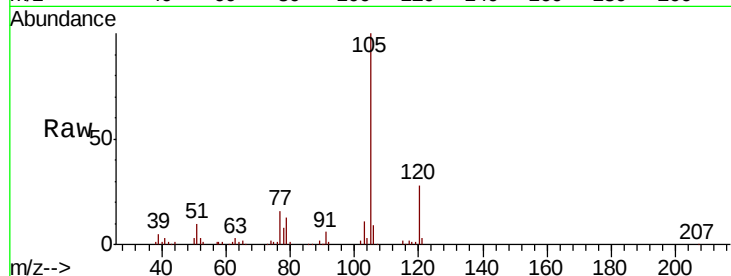
VU0803WBSD01

Tgt Ion:105 Resp: 77567

Ion Ratio Lower Upper

105 100

120 27.4 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 2.059 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

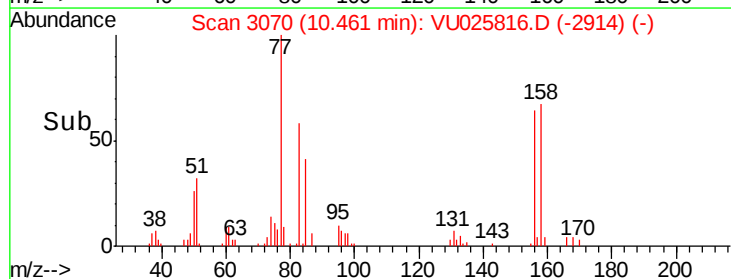
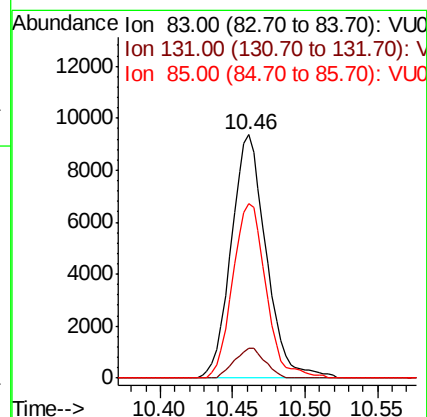
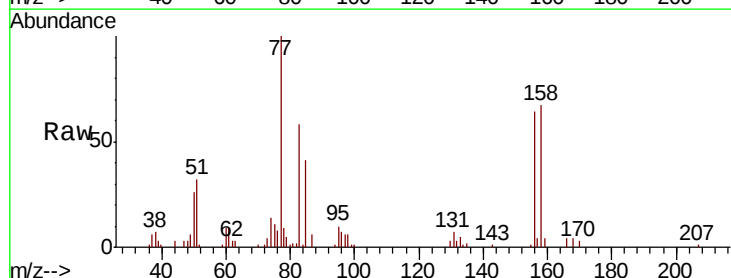
Tgt Ion: 83 Resp: 15691

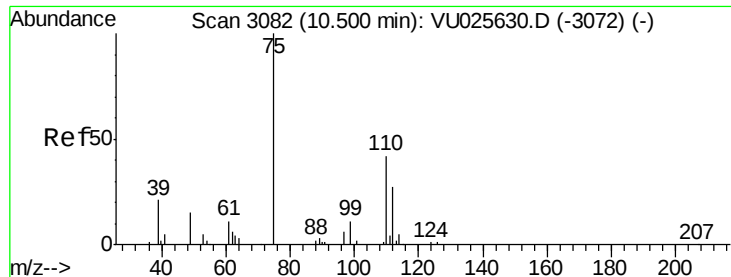
Ion Ratio Lower Upper

83 100

131 10.8 7.9 11.9

85 68.3 51.8 77.6

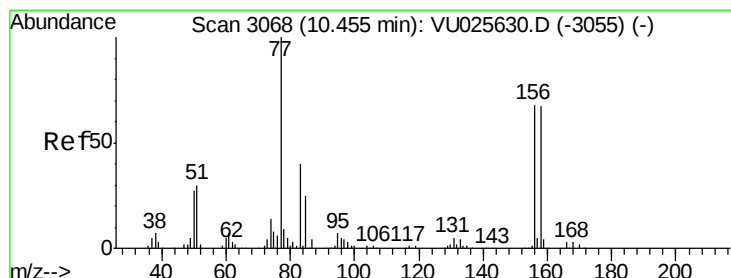
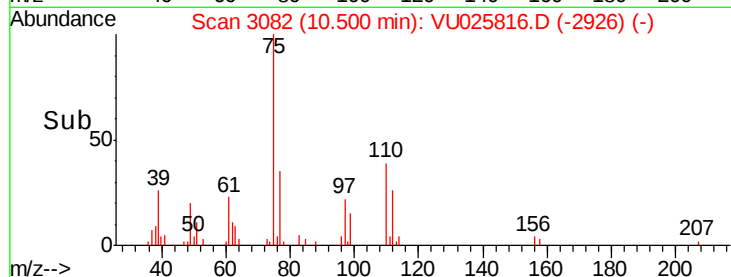
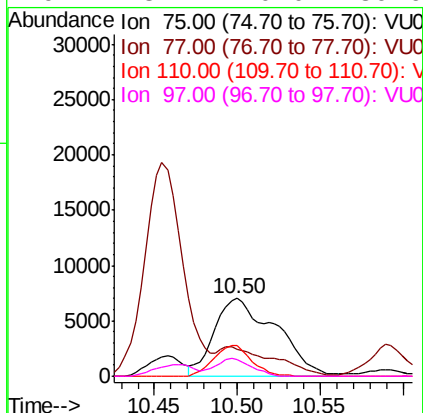
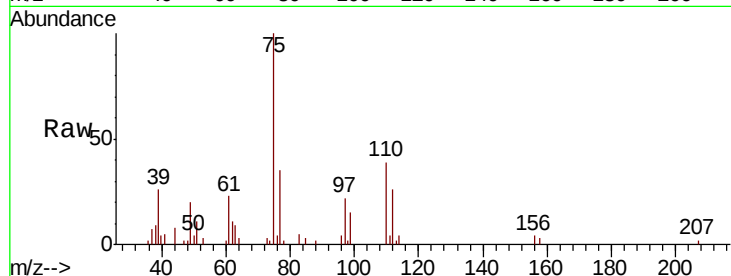




#71
 1,2,3-Trichloropropane
 Concen: 3.077 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

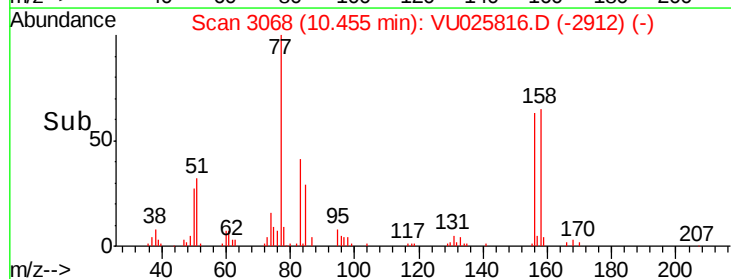
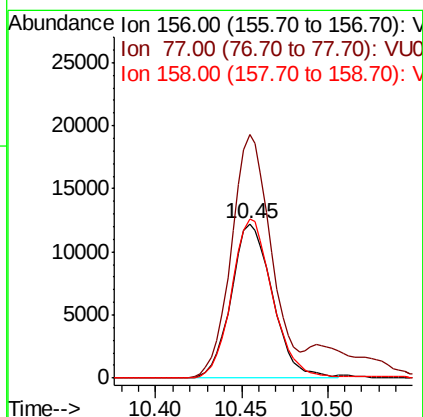
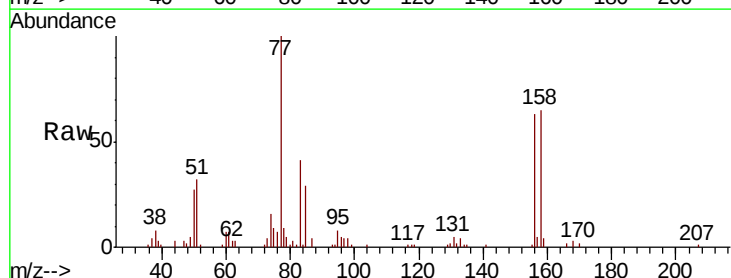
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

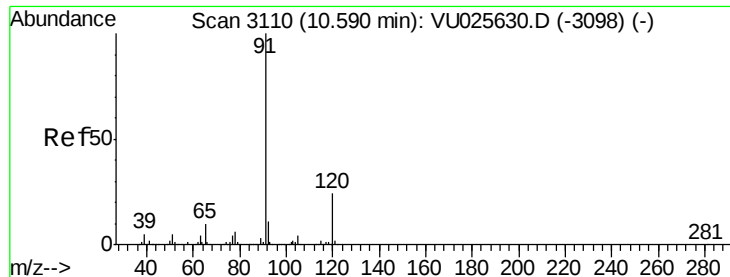
Tgt Ion:	75	Resp:	18274
Ion	Ratio	Lower	Upper
75	100		
77	33.5	0.0	0.0#
110	24.0	0.0	74.0
97	13.2	0.0	39.6



#72
 Bromobenzene
 Concen: 1.998 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:	156	Resp:	20500
Ion	Ratio	Lower	Upper
156	100		
77	151.8	0.0	309.8
158	101.8	0.0	193.0

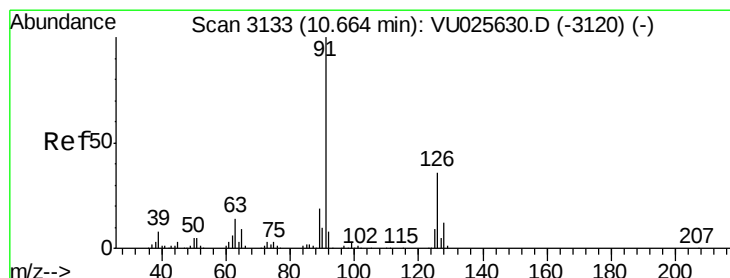
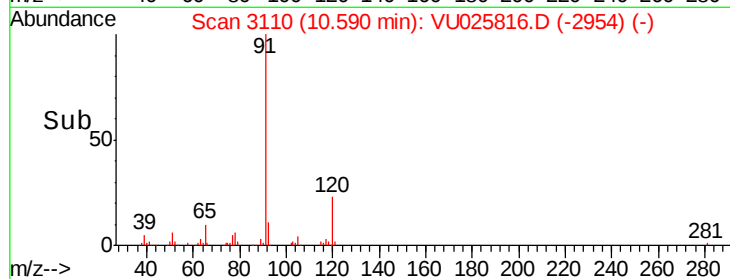
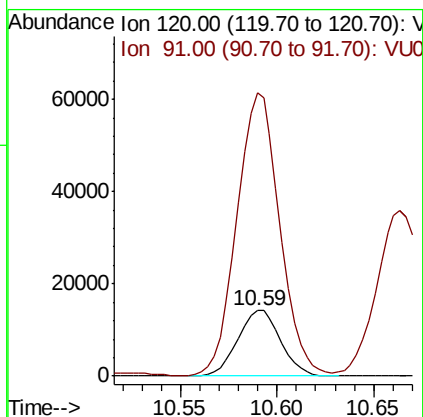
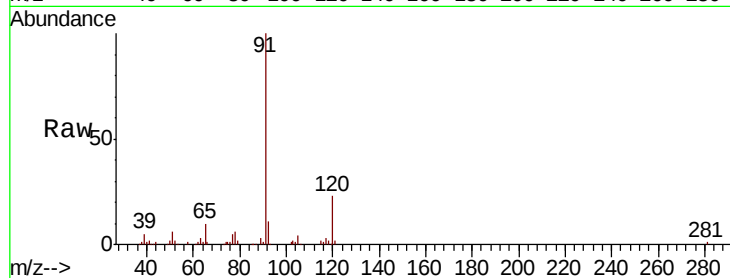




#73
n-propylbenzene
Concen: 1.970 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

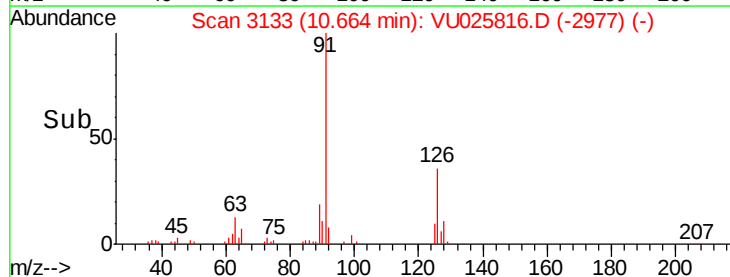
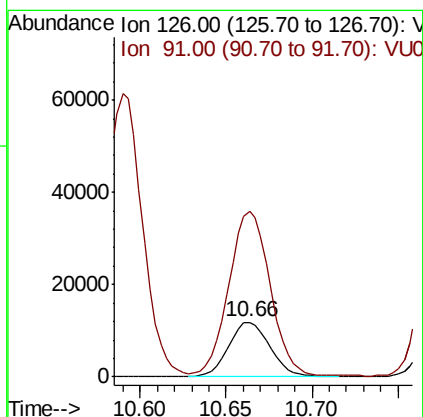
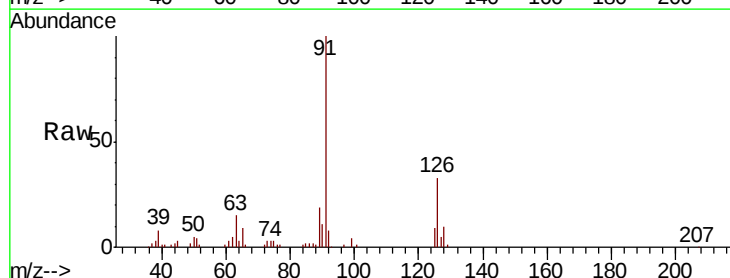
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

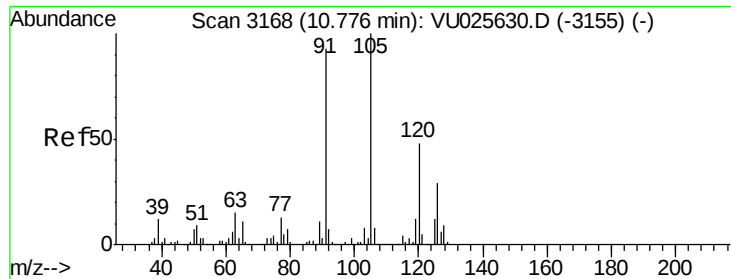
Tgt Ion:120 Resp: 21938
Ion Ratio Lower Upper
120 100
91 428.0 352.2 528.4



#74
2-Chlorotoluene
Concen: 2.026 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion:126 Resp: 19858
Ion Ratio Lower Upper
126 100
91 300.6 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 2.057 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

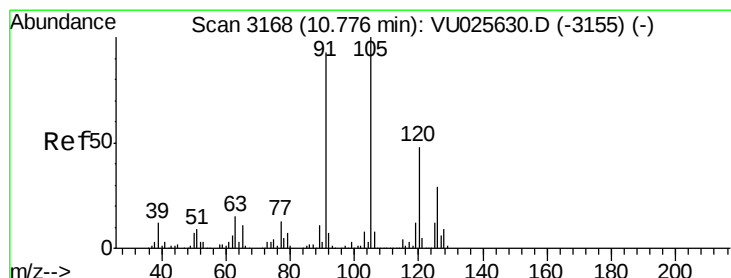
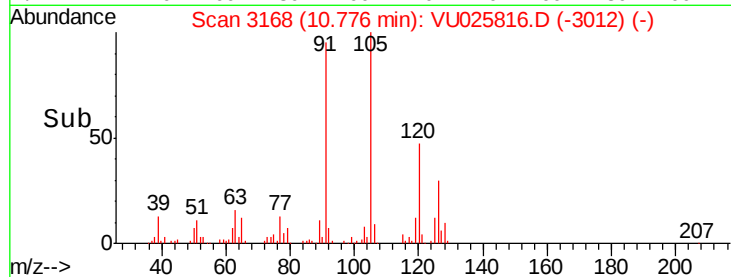
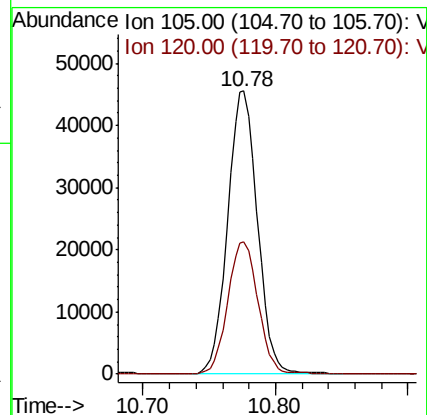
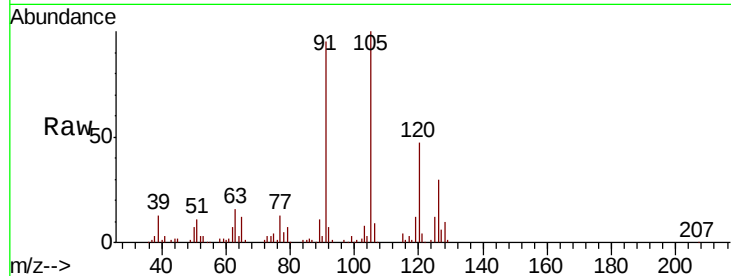
VU0803WBSD01

Tgt Ion:105 Resp: 70980

Ion Ratio Lower Upper

105 100

120 47.5 39.0 58.6



#76

4-Chlorotoluene

Concen: 2.062 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025816.D

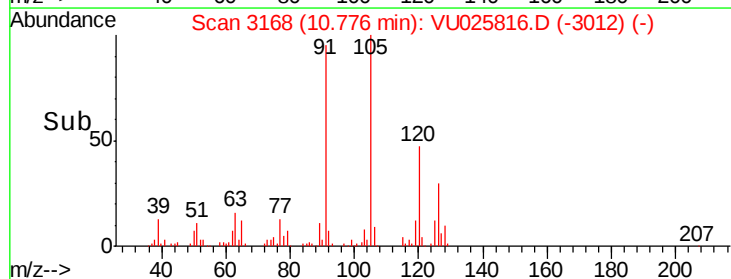
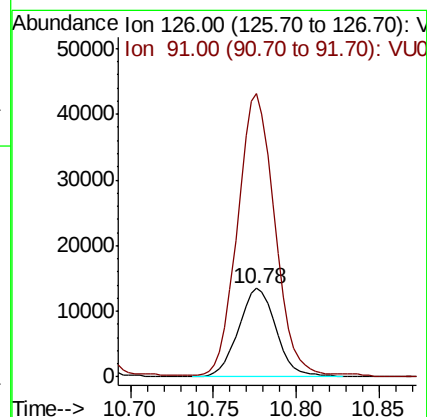
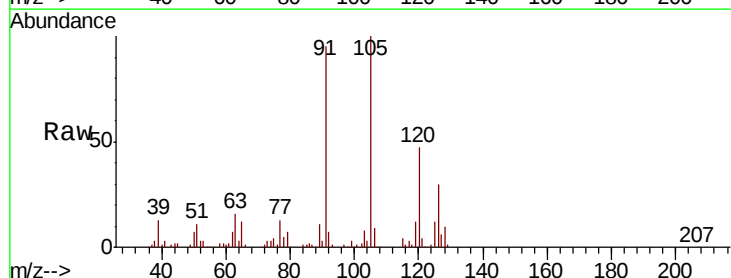
Acq: 03 Aug 2018 13:38

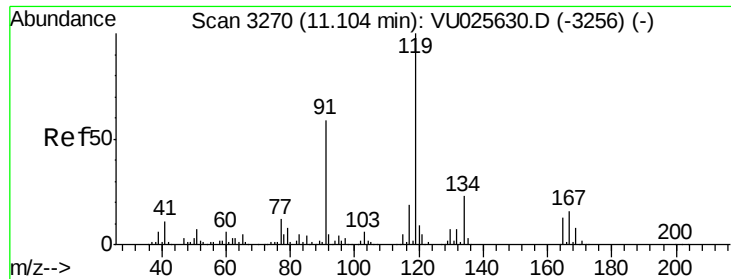
Tgt Ion:126 Resp: 21251

Ion Ratio Lower Upper

126 100

91 313.8 0.0 667.2

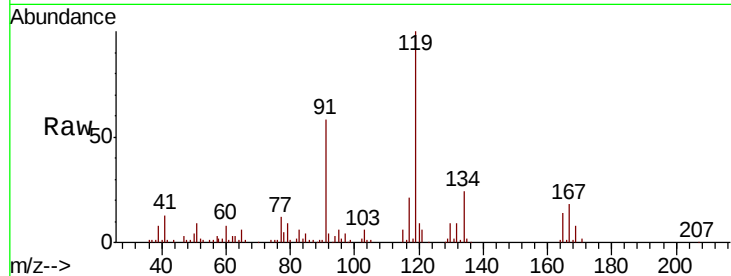




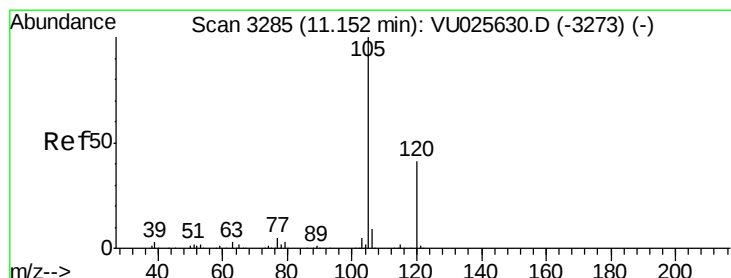
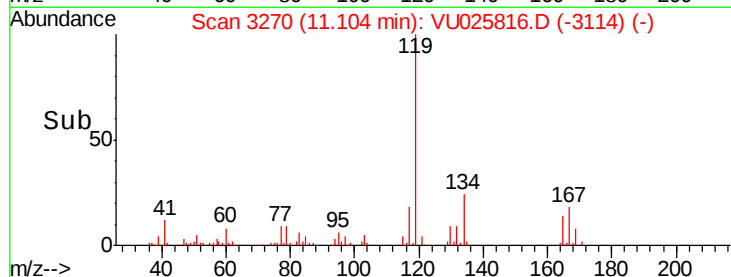
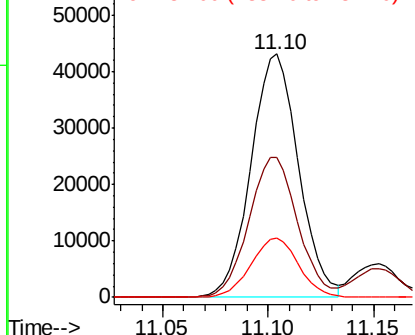
#77
 tert-Butylbenzene
 Concen: 1.989 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

Tgt Ion:119 Resp: 67664
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.6 88.8
 134 24.5 19.1 28.7

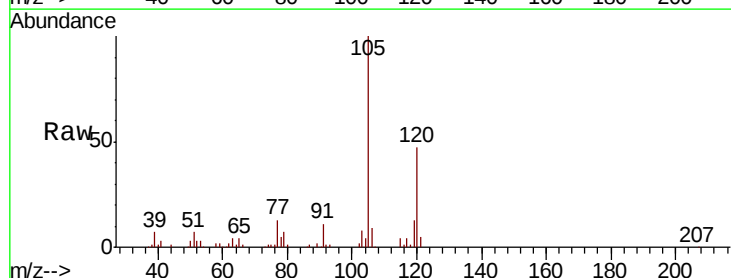


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

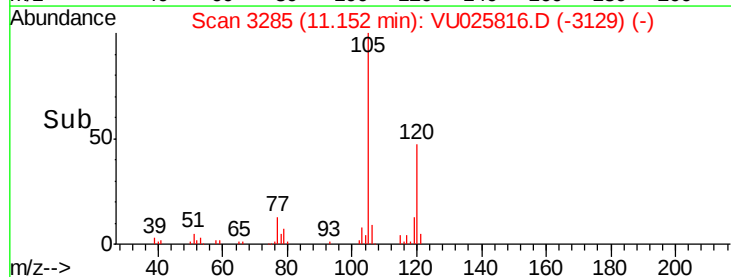
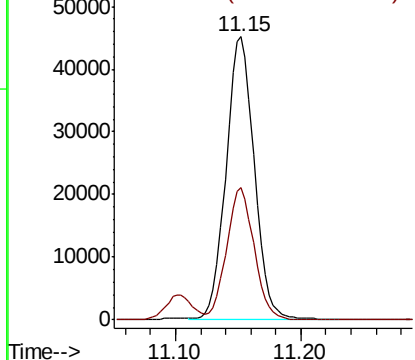


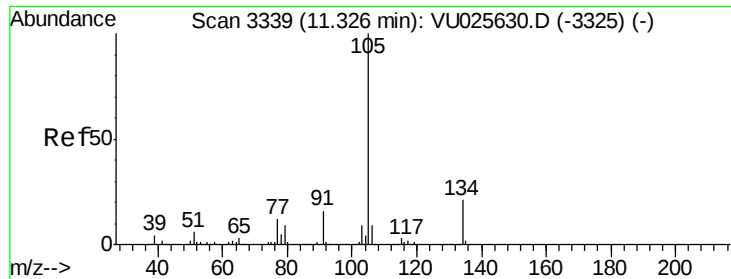
#78
 1,2,4-Trimethylbenzene
 Concen: 2.015 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:105 Resp: 70980
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3



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





#79

sec-Butylbenzene

Concen: 2.001 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

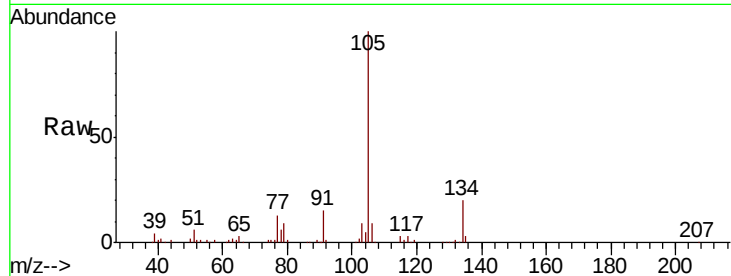
VU0803WBSD01

Tgt Ion:105 Resp: 89469

Ion Ratio Lower Upper

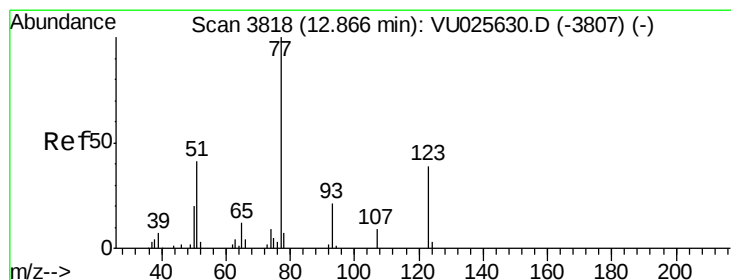
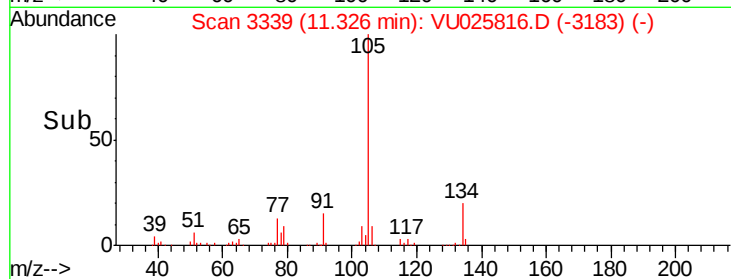
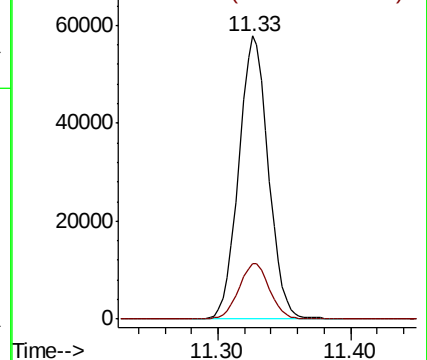
105 100

134 20.3 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 7.578 ug/l

RT: 12.88 min Scan# 3822

Delta R.T. 0.01 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

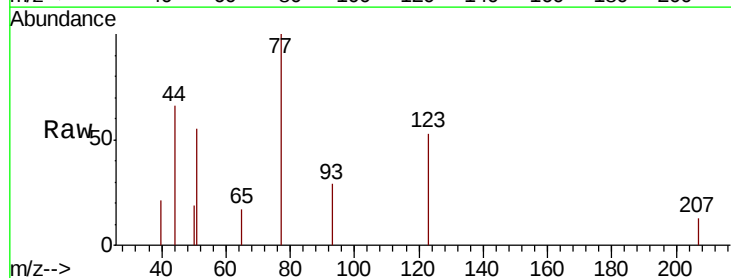
Tgt Ion: 77 Resp: 1758

Ion Ratio Lower Upper

77 100

123 46.1 19.4 68.6

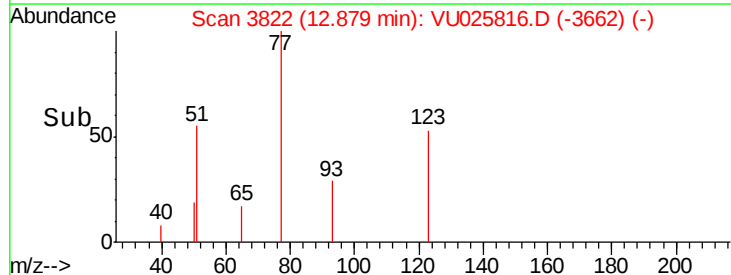
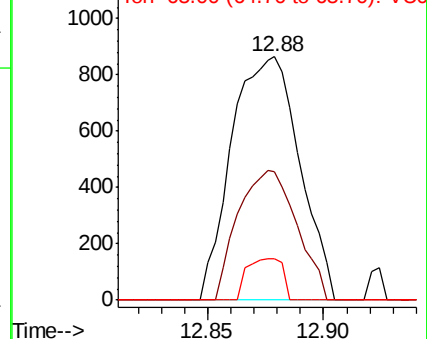
65 9.0 11.2 14.2#

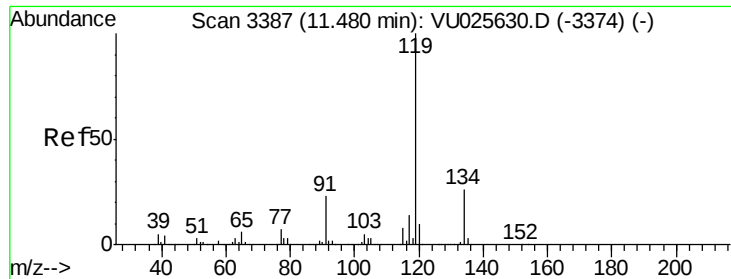


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

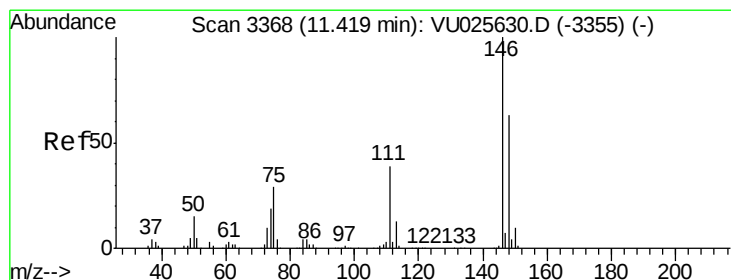
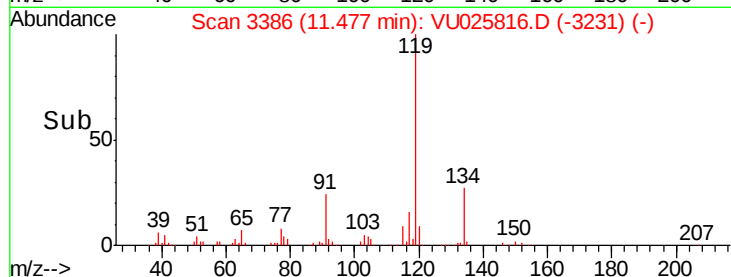
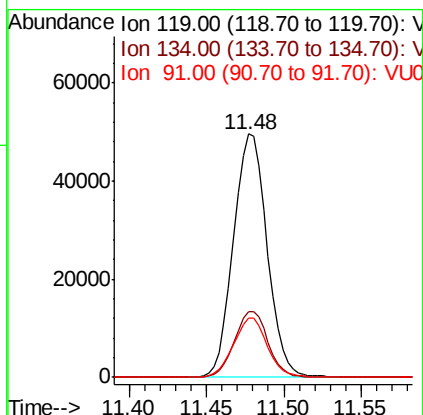
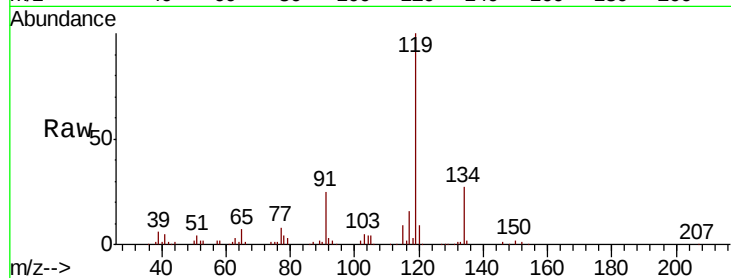




#81
p-Isopropyltoluene
Concen: 1.975 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

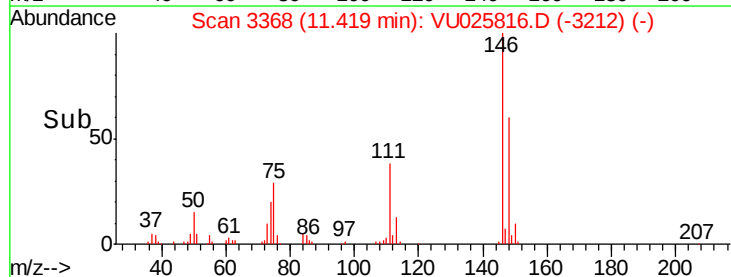
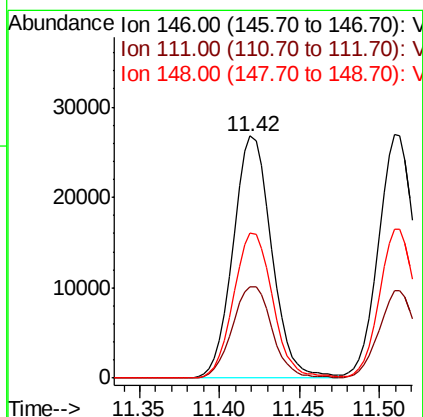
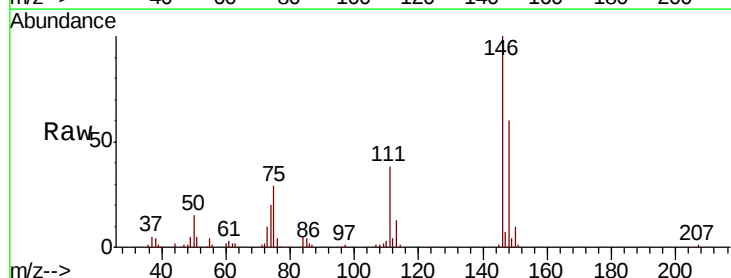
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

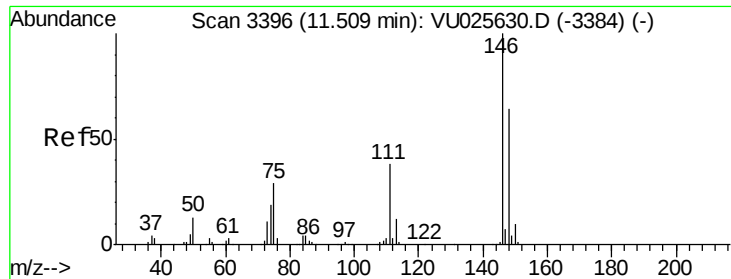
Tgt Ion:119 Resp: 74875
Ion Ratio Lower Upper
119 100
134 26.9 20.9 31.3
91 24.6 18.2 27.2



#82
1,3-Dichlorobenzene
Concen: 2.086 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025816.D
Acq: 03 Aug 2018 13:38

Tgt Ion:146 Resp: 44012
Ion Ratio Lower Upper
146 100
111 39.2 31.8 47.6
148 60.8 51.0 76.4

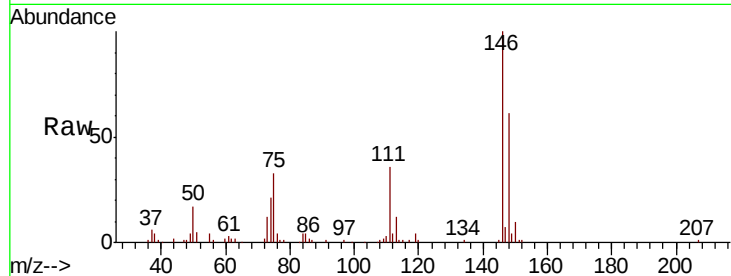




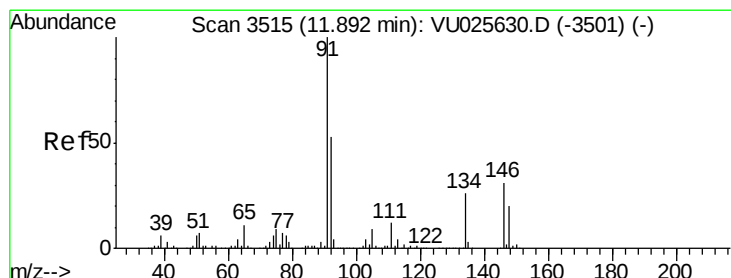
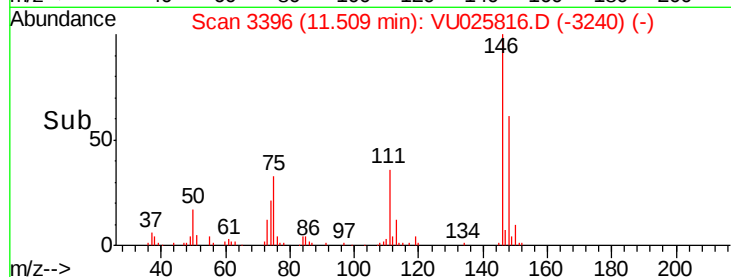
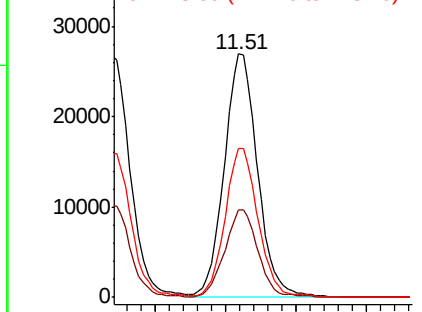
#83
 1,4-Dichlorobenzene
 Concen: 2.165 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Instrument :
 MSVOA_U
 ClientSampled :
 VU0803WBSD01

Tgt Ion: 146 Resp: 44557
 Ion Ratio Lower Upper
 146 100
 111 35.8 30.1 45.1
 148 60.5 50.6 76.0

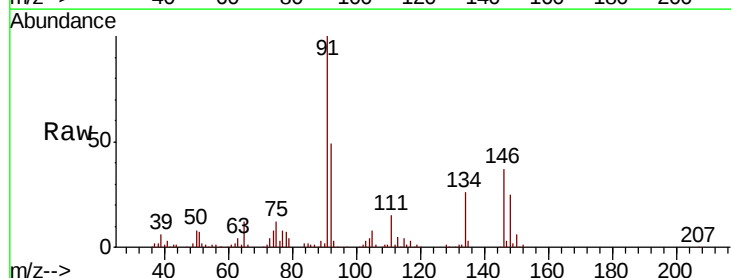


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

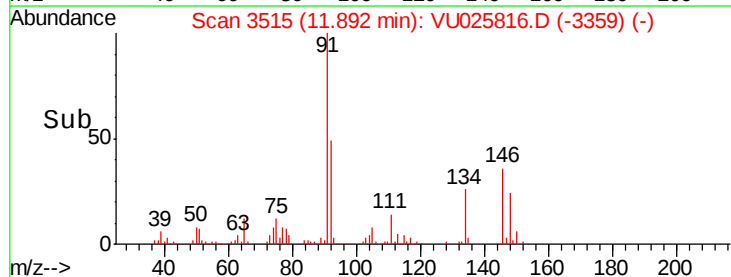
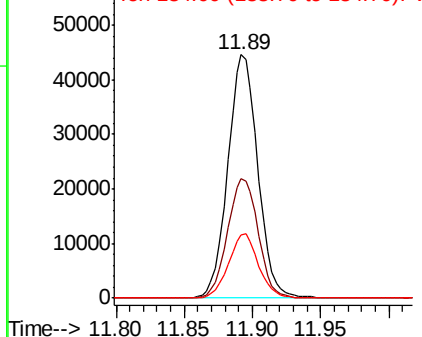


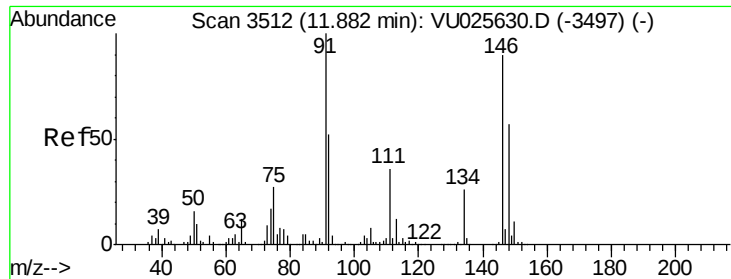
#84
 n-Butylbenzene
 Concen: 1.911 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion: 91 Resp: 67991
 Ion Ratio Lower Upper
 91 100
 92 50.1 42.2 63.2
 134 26.2 20.3 30.5



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





#85

1,2-Dichlorobenzene

Concen: 2.073 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

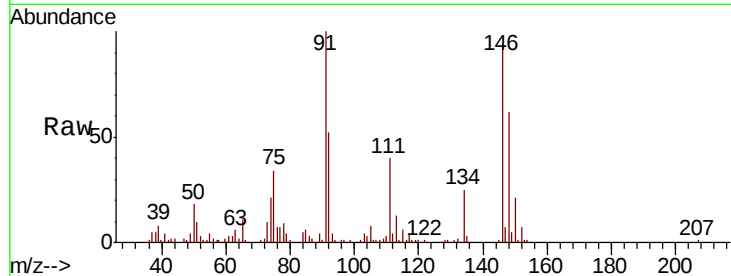
Tgt Ion:146 Resp: 39948

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

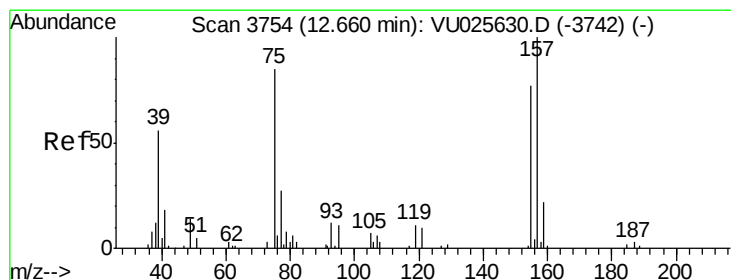
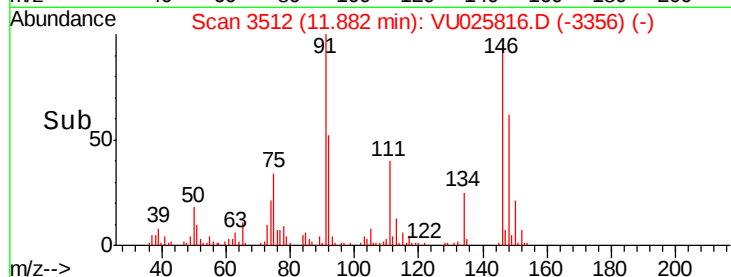
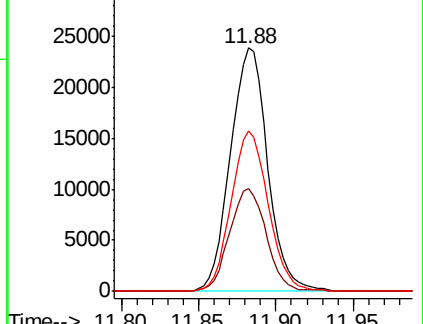
148 65.5 31.9 95.5



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: 2.143 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

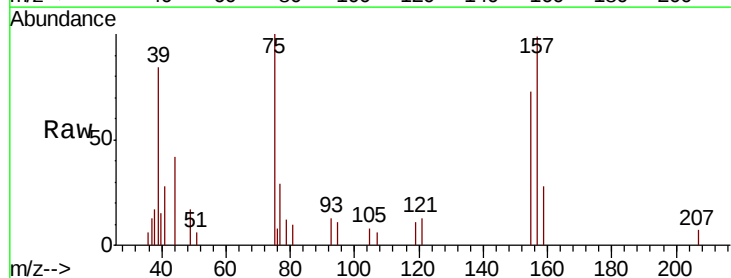
Tgt Ion: 75 Resp: 2695

Ion Ratio Lower Upper

75 100

155 80.7 65.8 98.6

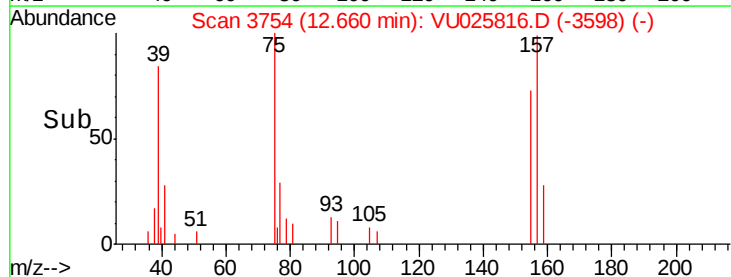
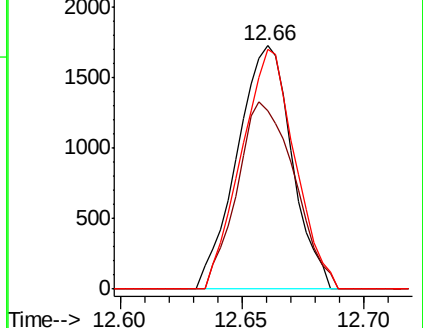
157 96.4 83.5 125.3

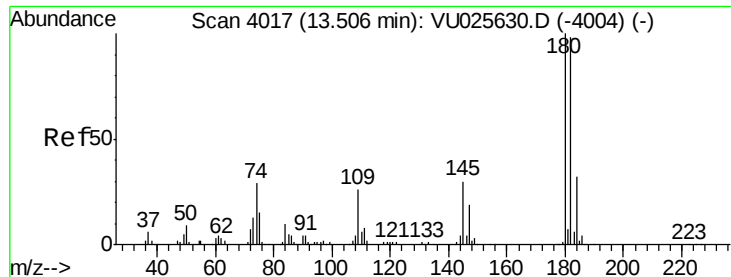


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

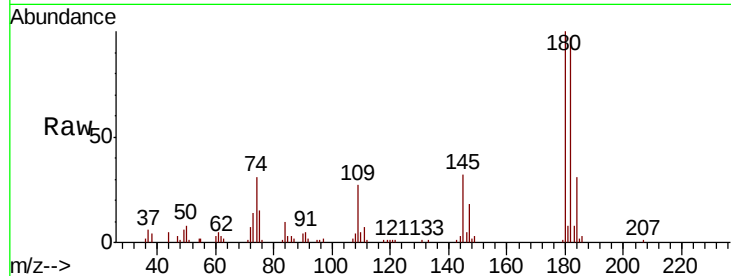




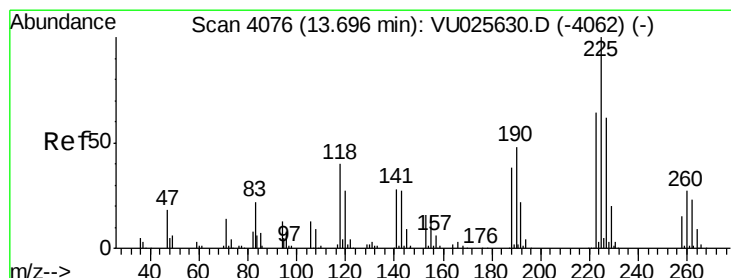
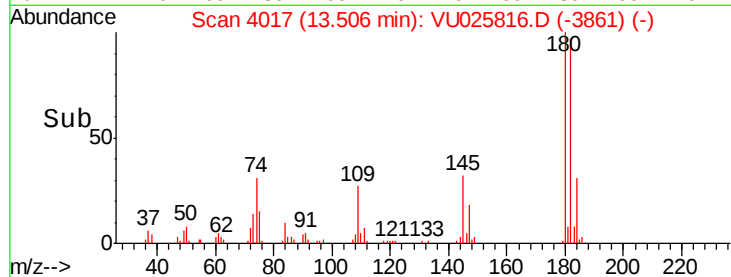
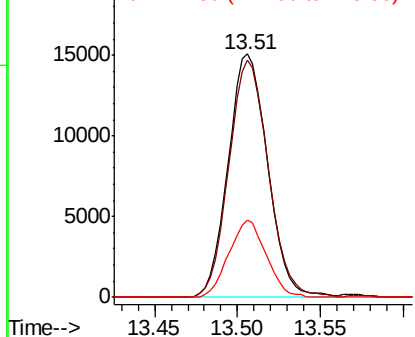
#87
 1,2,4-Trichlorobenzene
 Concen: 1.858 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBSD01

Tgt Ion:180 Resp: 24926
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.1 115.7
 145 30.0 23.3 34.9

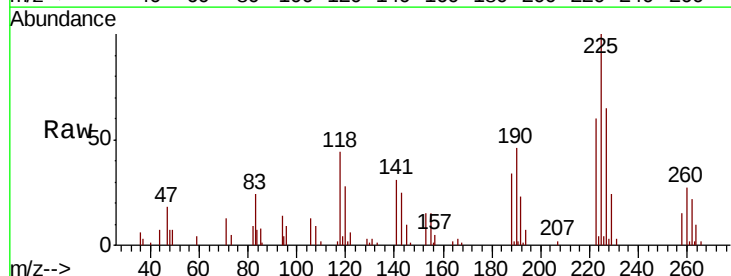


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

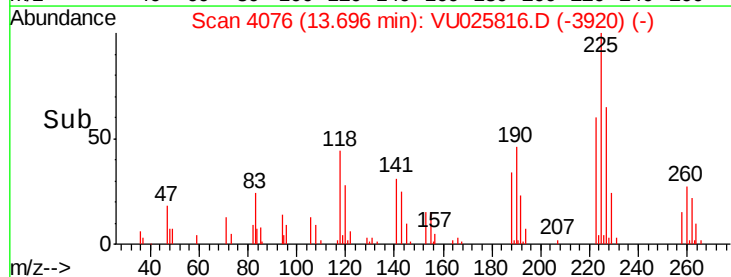
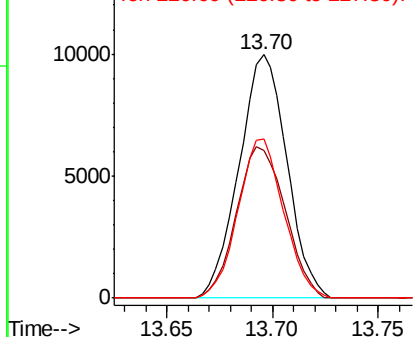


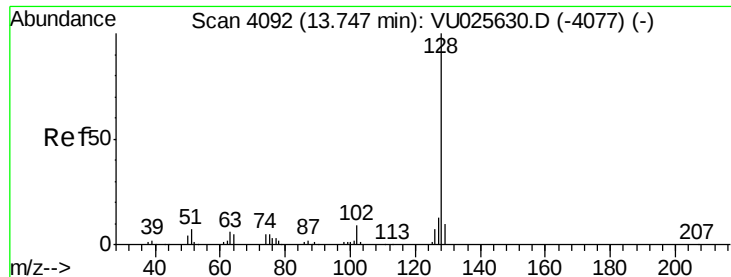
#88
 Hexachlorobutadiene
 Concen: 1.906 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025816.D
 Acq: 03 Aug 2018 13:38

Tgt Ion:225 Resp: 15714
 Ion Ratio Lower Upper
 225 100
 223 63.4 50.6 75.8
 227 62.4 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: 1.648 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBSD01

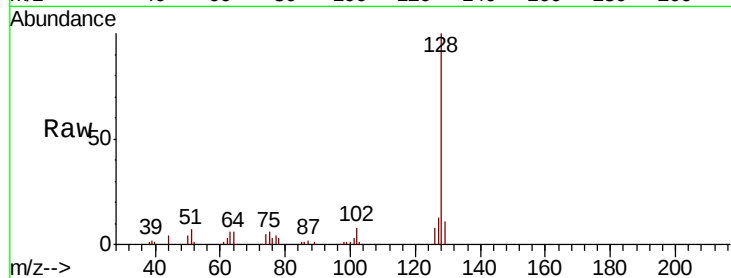
Tgt Ion:128 Resp: 35885

Ion Ratio Lower Upper

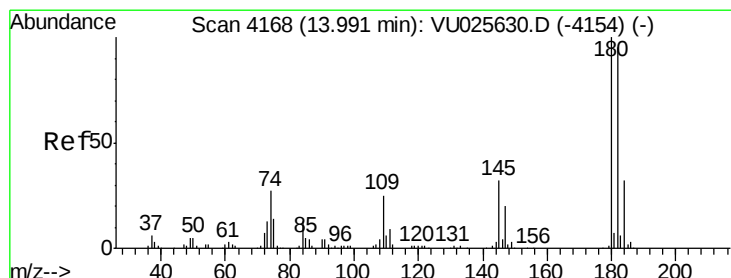
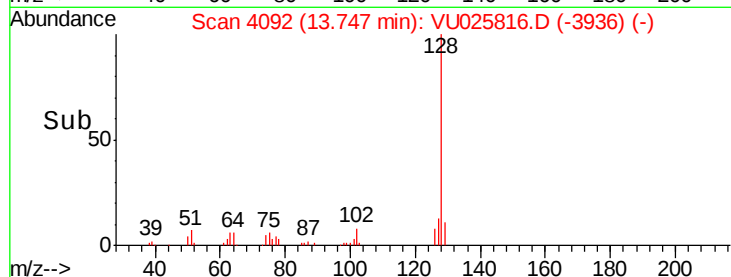
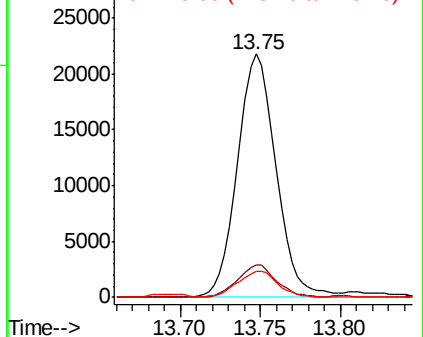
128 100

127 13.3 10.5 15.7

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.914 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025816.D

Acq: 03 Aug 2018 13:38

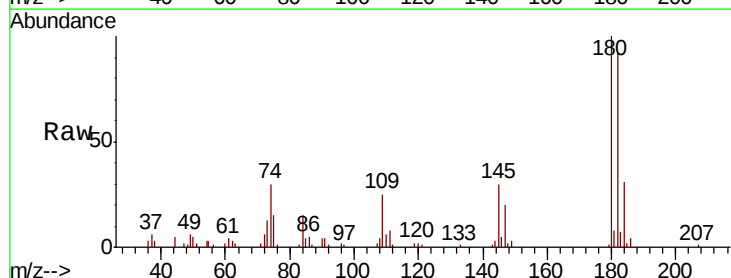
Tgt Ion:180 Resp: 23465

Ion Ratio Lower Upper

180 100

182 92.5 76.8 115.2

145 30.6 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

