

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030005.D
 Acq On : 12 Mar 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

Quant Time: Mar 13 05:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	64579	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	23273	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	26572	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	111484	4.707 ug/l	99
3) Chloromethane	1.33	50	223603	8.322 ug/l	98
4) Vinyl Chloride	1.40	62	175569	7.623 ug/l	99
5) Bromomethane	1.63	94	91084	6.920 ug/l	99
6) Chloroethane	1.70	64	116793	8.784 ug/l	100
7) Trichlorofluoromethane	1.89	101	262713	8.794 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	172005	10.584 ug/l	98
9) 1,1-Dichloroethene	2.28	96	164162	10.188 ug/l	96
10) Iodomethane	2.41	142	115758	8.291 ug/l	100
11) Allyl Chloride	2.59	41	227176	9.971 ug/l	98
12) Acrylonitrile	2.93	53	170791	48.939 ug/l	99
13) Acetone	2.32	43	182490	60.066 ug/l	95
14) Carbon Disulfide	2.48	76	490648	8.740 ug/l	100
15) Methylene Chloride	2.70	84	185376	9.662 ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	182170	9.791 ug/l	97
17) 1,1-Dichloroethane	3.44	63	320410	10.186 ug/l	99
18) 2-Butanone	4.27	43	244817	58.203 ug/l	99
19) Cyclohexane	4.99	56	242259	8.989 ug/l	85
20) Methylcyclohexane	6.41	83	324974	10.927 ug/l	99
21) 2,2-Dichloropropane	4.22	77	272229	10.292 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	211789	10.239 ug/l	99
23) Diethyl Ether	2.10	59	119029	9.887 ug/l	98
24) tert-Butyl Alcohol	2.83	59	59101	45.870 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	416535	10.236 ug/l	100
26) Bromochloromethane	4.54	128	84706	9.360 ug/l	99
27) Chloroform	4.67	83	330207	9.977 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	289062	10.615 ug/l	100
29) 1,1-Dichloropropene	5.13	75	256643	10.352 ug/l	99
30) Carbon Tetrachloride	5.13	117	256214	10.525 ug/l	96
31) Isopropyl Ether	3.57	45	488941	11.045 ug/l #	1
33) Tert-Amyl methyl ether	5.38	73	12611	0.323 ug/l #	1
34) Propionitrile	4.32	54	131474	112.130 ug/l #	97
35) Benzene	5.38	78	757456	10.443 ug/l	99
36) 1,2-Dichloroethane	5.40	62	195858	10.099 ug/l	98
37) Trichloroethene	6.18	130	210882	10.094 ug/l	99
38) 1,2-Dichloropropane	6.43	63	189137	10.258 ug/l	97
39) Methacrylonitrile	4.54	41	53851	10.532 ug/l #	91
40) Methyl acrylate	4.42	55	93778	11.607 ug/l #	90
41) Tetrahydrofuran	4.64	42	141018	49.863 ug/l	95
42) 1-Chlorobutane	5.06	56	341413	10.514 ug/l	100
43) Dibromomethane	6.56	93	97274	10.197 ug/l	99

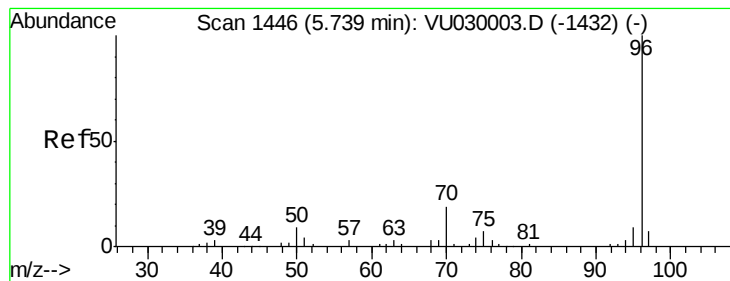
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030005.D
 Acq On : 12 Mar 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

Quant Time: Mar 13 05:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.75	83	240480	10.567	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	492989	52.307	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	171366	35.989	ug/l #	45
47) Methyl methacrylate	6.62	69	92006	11.513	ug/l	100
48) Ethyl methacrylate	8.02	69	170820	11.334	ug/l	99
49) Toluene	7.63	92	478967	10.960	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	238866	11.721	ug/l	99
51) cis-1,3-Dichloropropene	7.26	75	284951	11.123	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	142577	10.573	ug/l	96
53) 1,3-Dichloropropane	8.24	76	239176	10.604	ug/l	99
54) 2-Hexanone	8.36	43	375252	55.260	ug/l	100
55) Dibromochloromethane	8.47	129	173867	10.717	ug/l	99
56) 1,2-Dibromoethane	8.58	107	136241	10.497	ug/l	97
58) Tetrachloroethene	8.22	164	197940	10.434	ug/l	99
59) Chlorobenzene	9.12	112	534243	10.697	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	187665	10.639	ug/l	99
61) Pentachloroethane	11.10	117	149430	10.977	ug/l	100
62) Hexachloroethane	12.14	117	153094	11.162	ug/l	99
63) Ethyl Benzene	9.24	91	912936	11.131	ug/l	99
64) m/p-Xylenes	9.37	106	733931	22.745	ug/l	100
65) o-Xylene	9.77	106	348851	11.022	ug/l	99
66) Styrene	9.79	104	573111	11.048	ug/l	99
67) Bromoform	9.95	173	104267	11.244	ug/l	99
69) Isopropylbenzene	10.16	105	932305	11.298	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	171566	10.322	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	171366	13.714	ug/l #	78
72) Bromobenzene	10.45	156	240454	11.110	ug/l	99
73) n-propylbenzene	10.58	120	264513	11.299	ug/l	99
74) 2-Chlorotoluene	10.66	126	226958	11.070	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	811299	11.540	ug/l	99
76) 4-Chlorotoluene	10.77	126	242297	11.578	ug/l	92
77) tert-Butylbenzene	11.10	119	783427	11.384	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	827891	11.579	ug/l	99
79) sec-Butylbenzene	11.32	105	1007363	10.927	ug/l	100
80) Nitrobenzene	12.86	77	3465	11.670	ug/l #	83
81) p-Isopropyltoluene	11.47	119	896035	11.588	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	469722	10.747	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	471260	10.726	ug/l	99
84) n-Butylbenzene	11.89	91	846032	11.713	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	431211	10.600	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26913	11.240	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	346773	11.812	ug/l	100
88) Hexachlorobutadiene	13.69	225	178833	11.239	ug/l	98
89) Naphthalene	13.74	128	594208	12.916	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	308933	11.615	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

Tgt Ion: 96 Resp: 64579

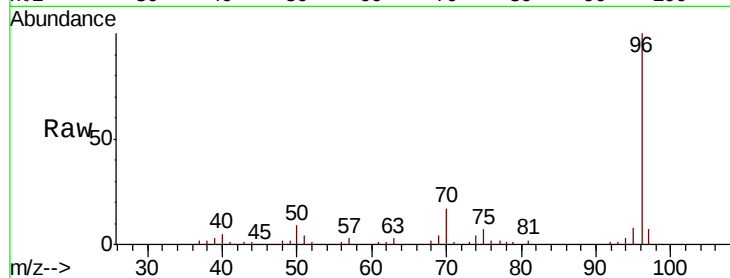
Ion Ratio Lower Upper

96 100

70 19.0 15.5 23.3

95 9.2 6.6 9.8

97 0.0 0.0 0.0

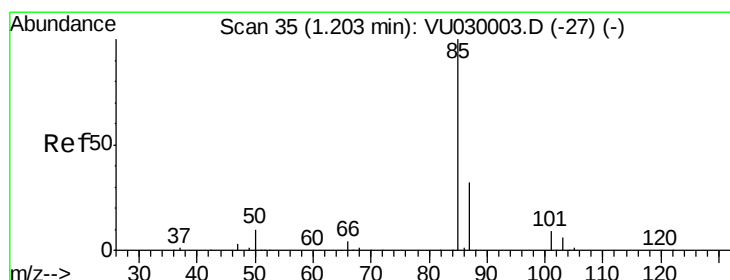
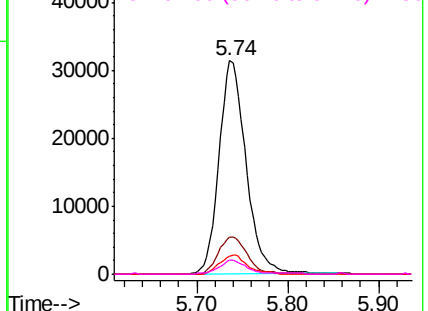
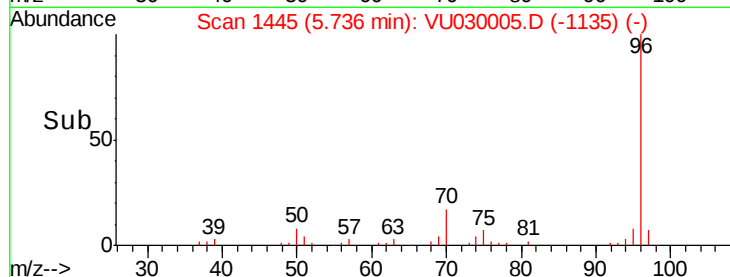


Abundance Ion 96.00 (95.70 to 96.70): VU030003.D (-1432) (-)

Ion 70.00 (69.70 to 70.70): VU030003.D (-1432) (-)

Ion 95.00 (94.70 to 95.70): VU030003.D (-1432) (-)

Ion 97.00 (96.70 to 97.70): VU030003.D (-1432) (-)



#2

Dichlorodifluoromethane

Concen: 4.707 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU030005.D

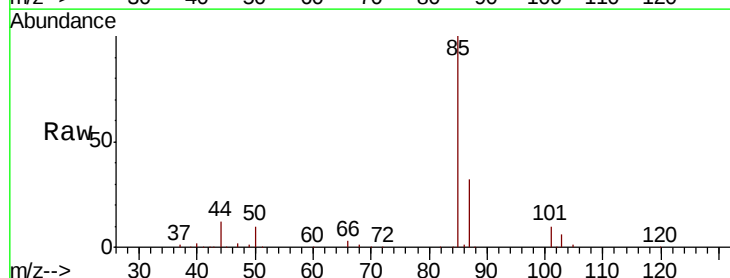
Acq: 12 Mar 2019 12:55

Tgt Ion: 85 Resp: 111484

Ion Ratio Lower Upper

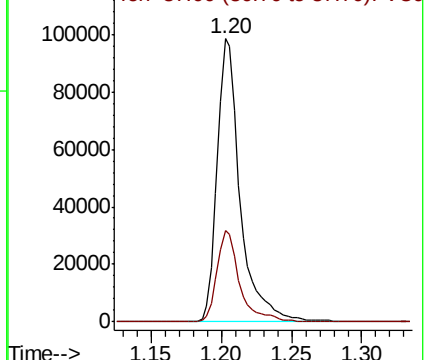
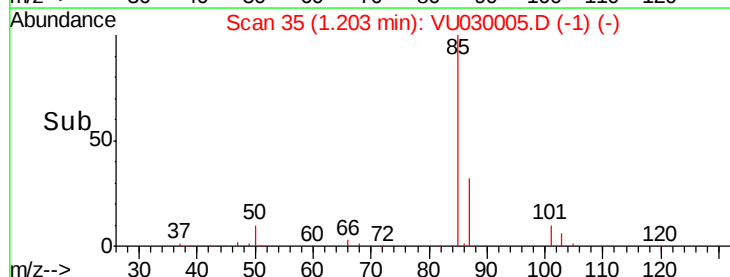
85 100

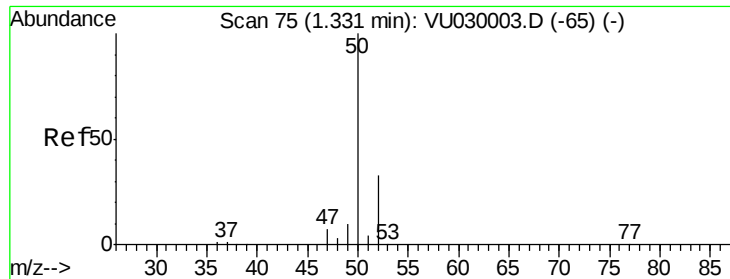
87 32.1 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU030003.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU030003.D (-27) (-)





#3

Chloromethane

Concen: 8.322 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

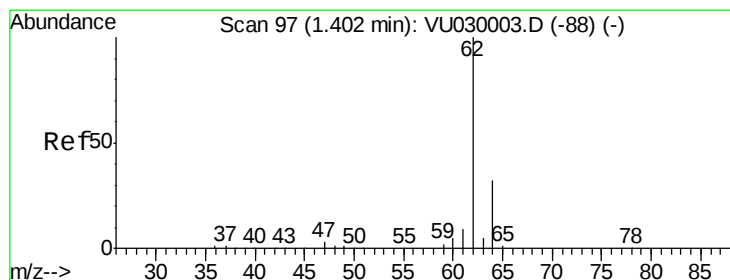
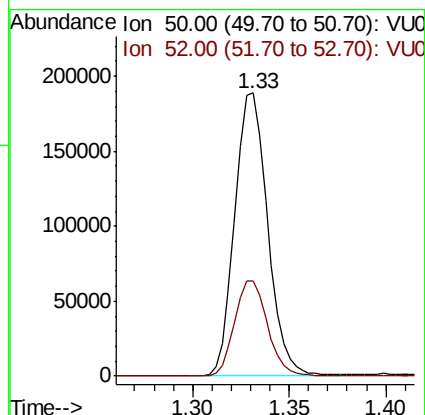
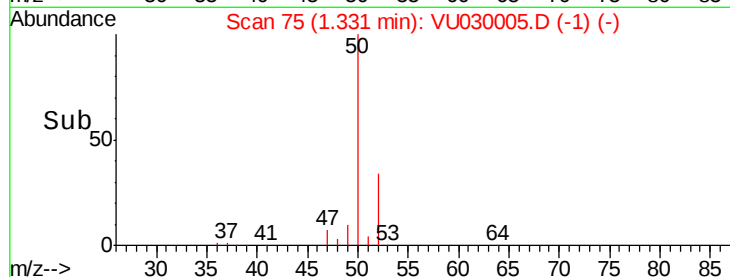
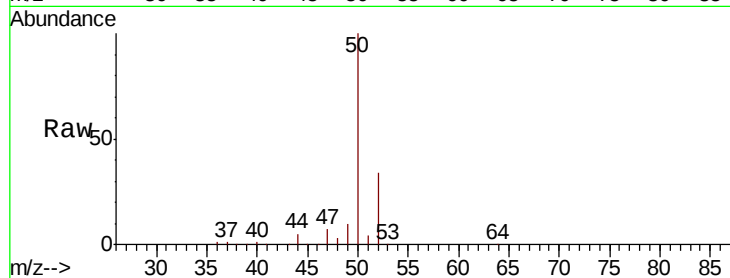
ICVVU031419

Tgt Ion: 50 Resp: 223603

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 7.623 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030005.D

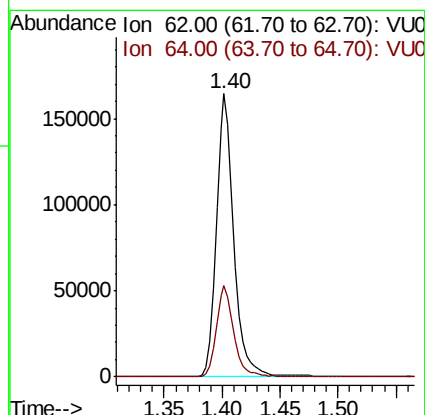
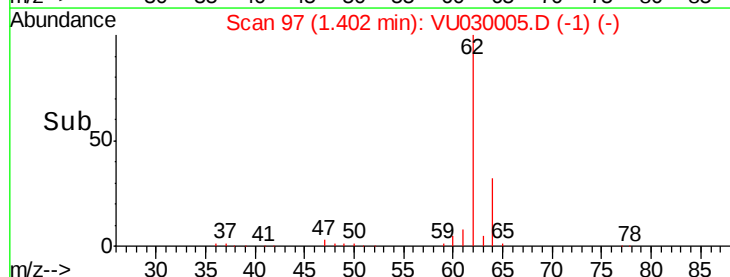
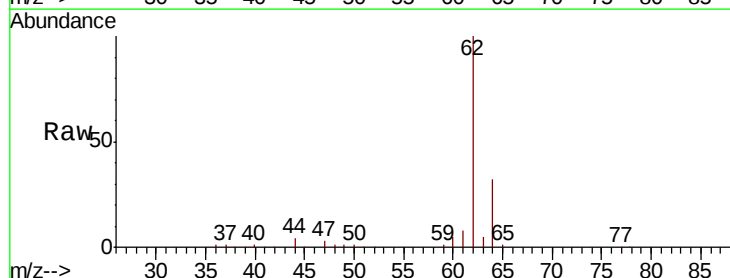
Acq: 12 Mar 2019 12:55

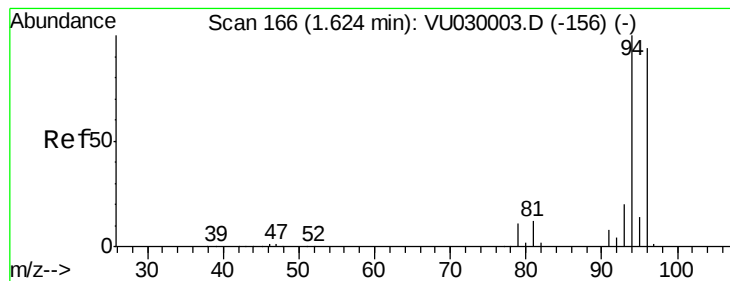
Tgt Ion: 62 Resp: 175569

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 6.920 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

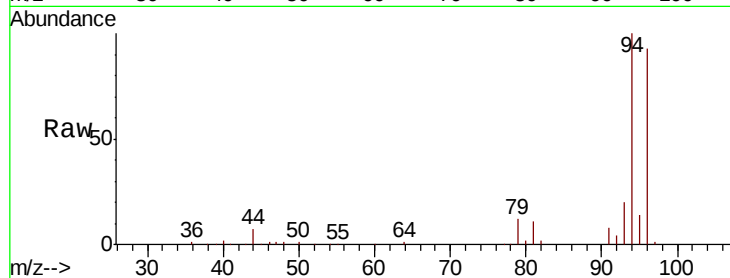
ICVVU031419

Tgt Ion: 94 Resp: 91084

Ion Ratio Lower Upper

94 100

96 92.7 75.2 112.8



Abundance Ion 94.00 (93.70 to 94.70): VU030003.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU030003.D (-156) (-)

1.63

80000

60000

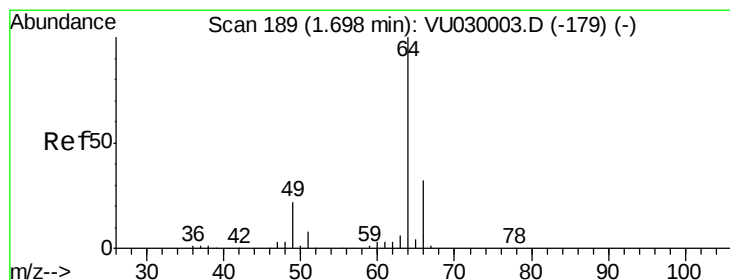
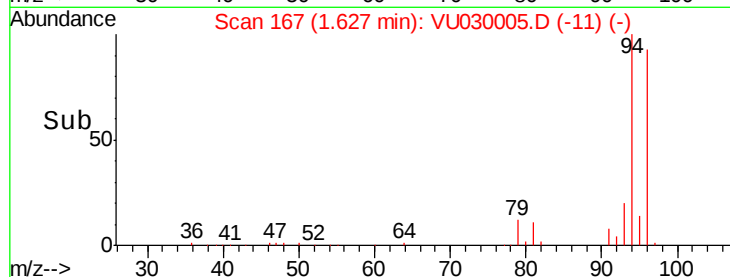
40000

20000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 8.784 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU030005.D

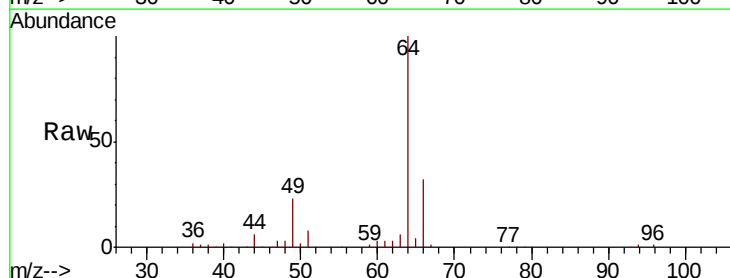
Acq: 12 Mar 2019 12:55

Tgt Ion: 64 Resp: 116793

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VU030003.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU030003.D (-179) (-)

1.70

100000

80000

60000

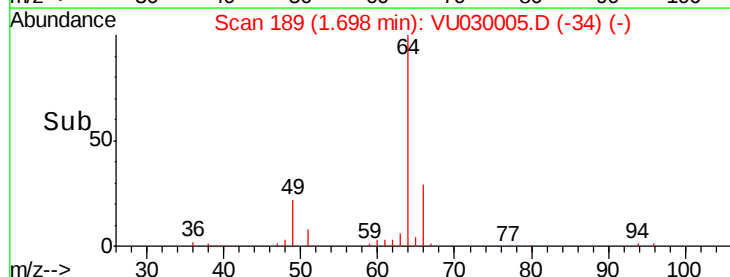
40000

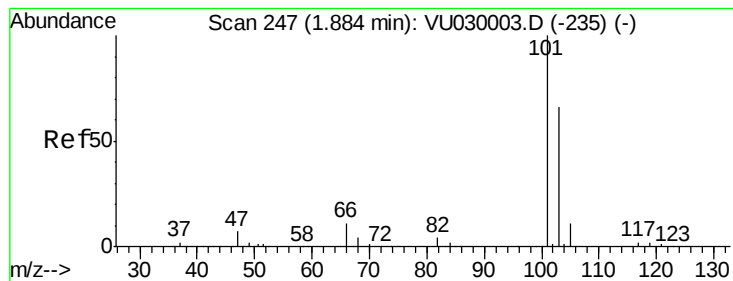
20000

0

1.60 1.65 1.70 1.75 1.80

Time-->



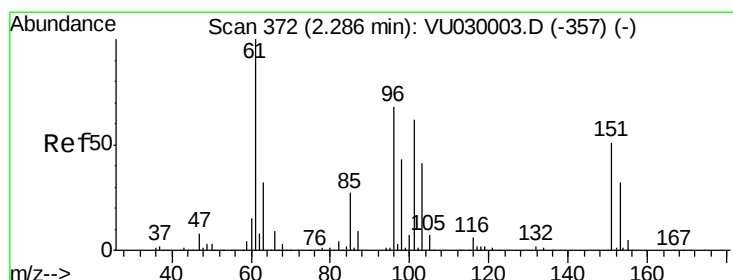
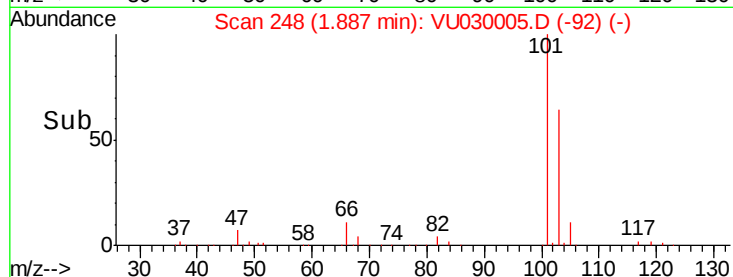
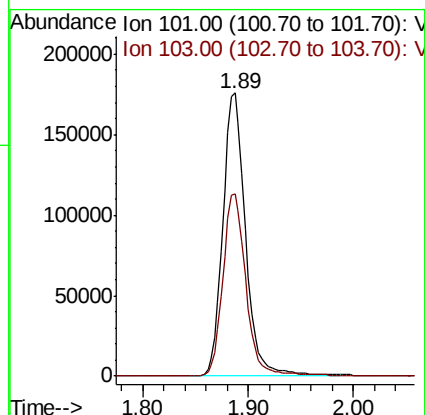
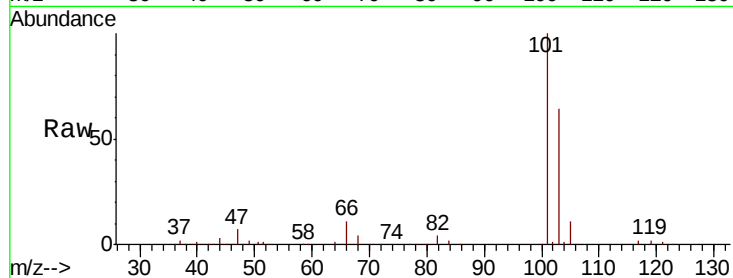


#7

Trichlorofluoromethane
 Concen: 8.794 ug/l
 RT: 1.89 min Scan# 248
 Delta R.T. 0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

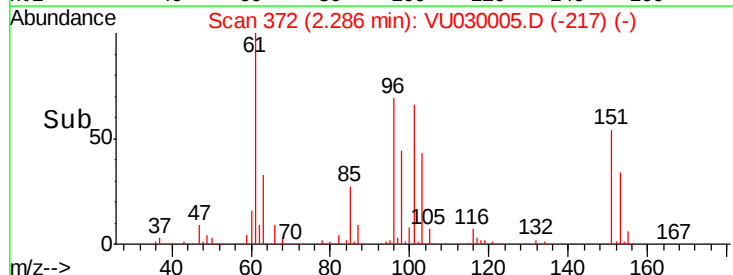
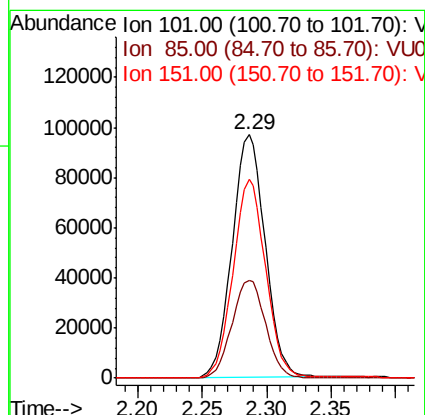
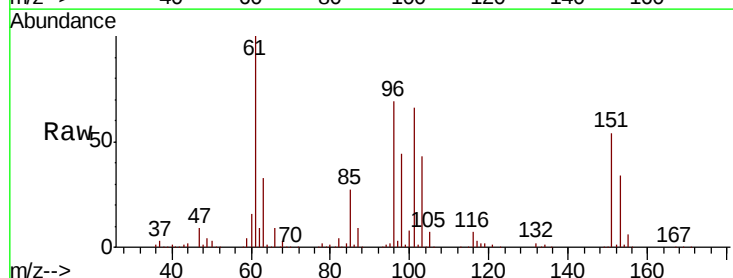
Tgt Ion:101 Resp: 262713
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 79.0

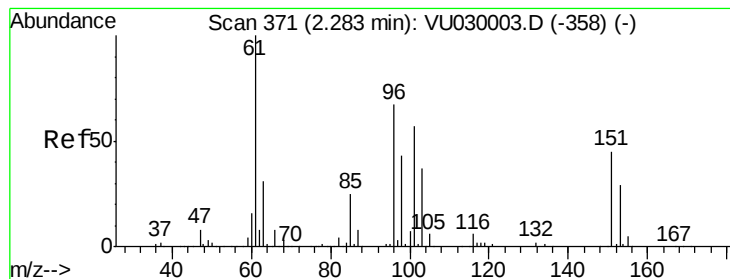


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.584 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion:101 Resp: 172005
 Ion Ratio Lower Upper
 101 100
 85 40.8 33.6 50.4
 151 79.8 65.0 97.4





#9

1,1-Dichloroethene

Concen: 10.188 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

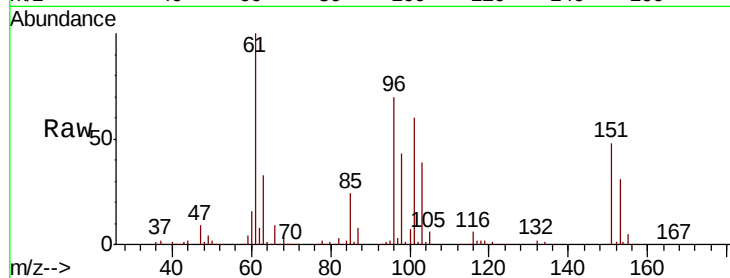
Tgt Ion: 96 Resp: 164162

Ion Ratio Lower Upper

96 100

61 143.8 0.0 447.0

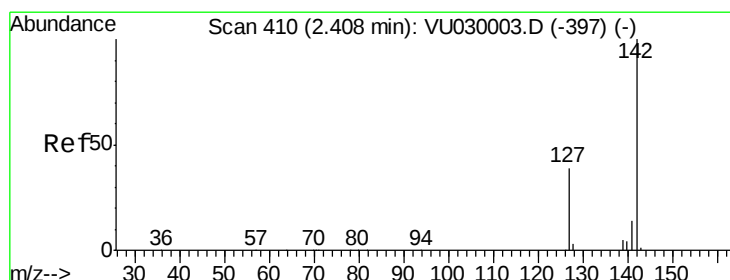
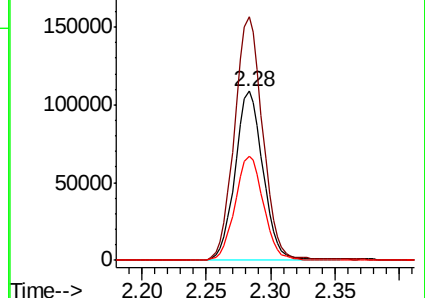
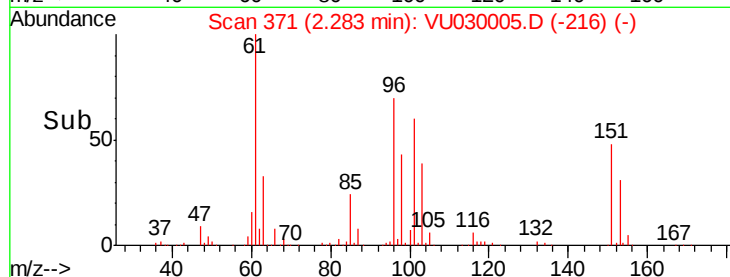
98 61.8 0.0 129.2



Abundance Ion 96.00 (95.70 to 96.70): VU030005.D (-216) (-)

Ion 61.00 (60.70 to 61.70): VU030005.D (-216) (-)

Ion 98.00 (97.70 to 98.70): VU030005.D (-216) (-)



#10

Iodomethane

Concen: 8.291 ug/l

RT: 2.41 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU030005.D

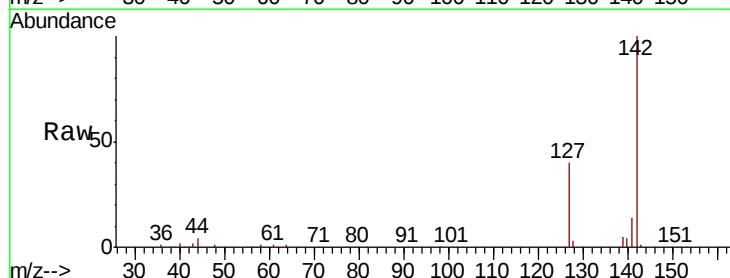
Acq: 12 Mar 2019 12:55

Tgt Ion: 142 Resp: 115758

Ion Ratio Lower Upper

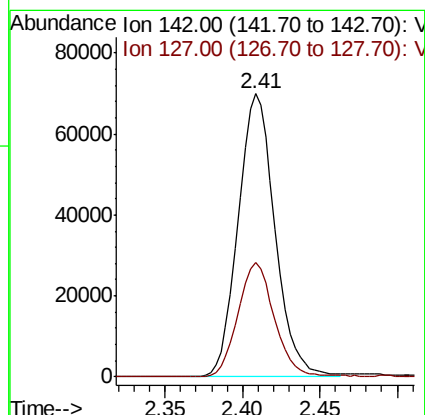
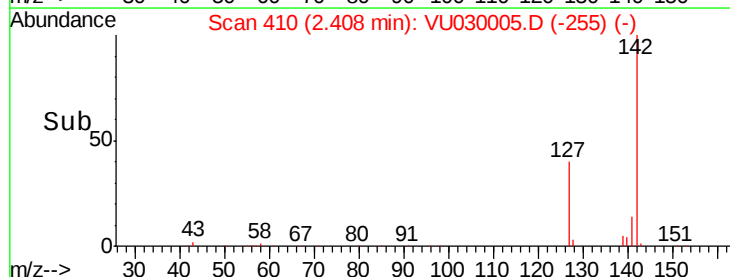
142 100

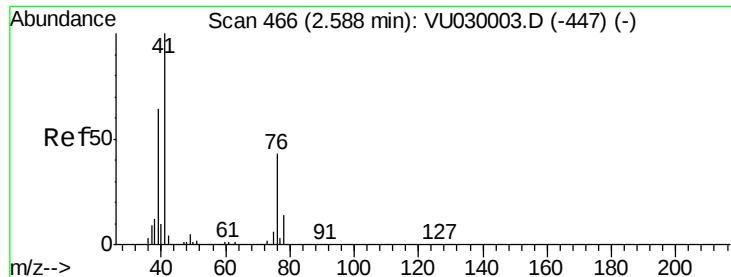
127 40.1 32.2 48.4



Abundance Ion 142.00 (141.70 to 142.70): VU030005.D (-255) (-)

Ion 127.00 (126.70 to 127.70): VU030005.D (-255) (-)

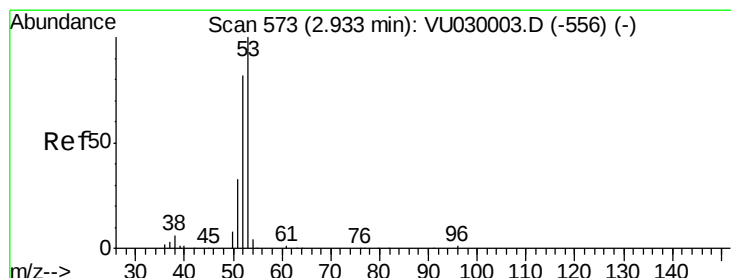
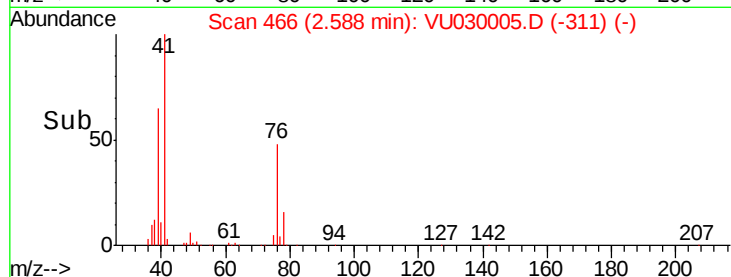
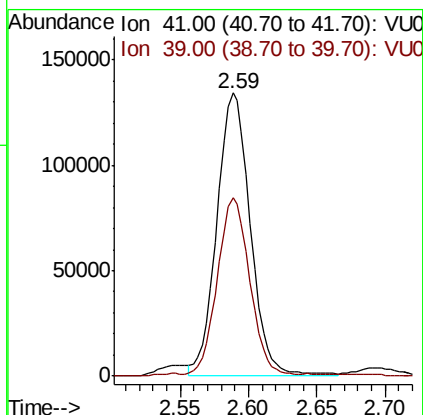
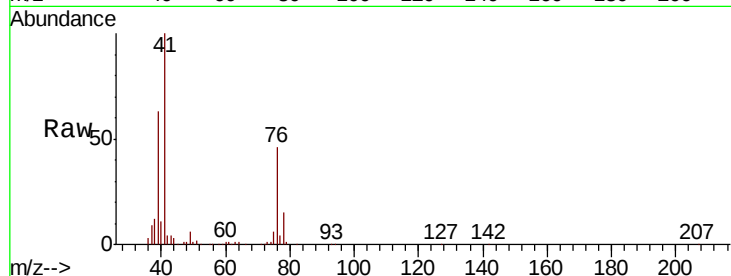




#11
 Allyl Chloride
 Concen: 9.971 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

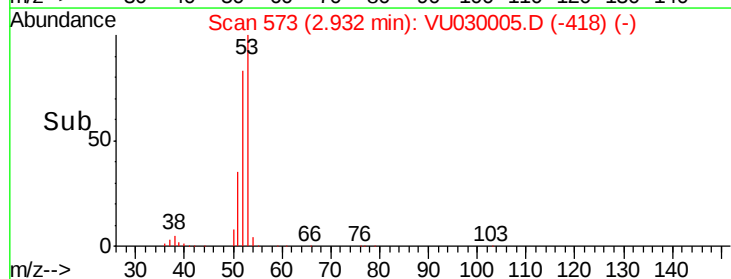
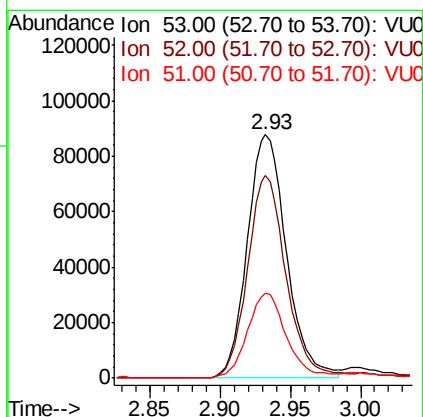
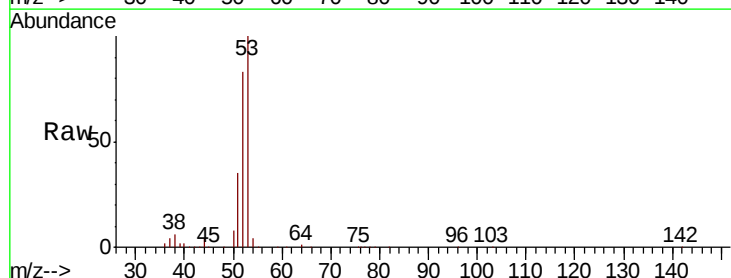
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

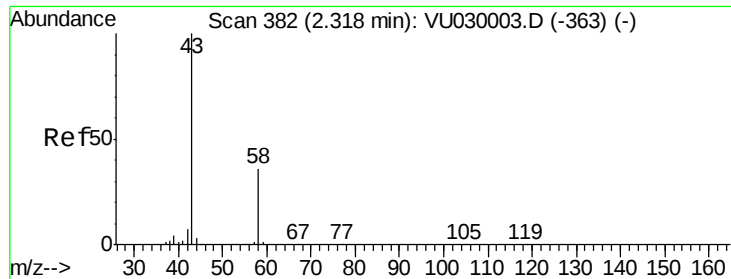
Tgt Ion: 41 Resp: 227176
 Ion Ratio Lower Upper
 41 100
 39 62.1 50.8 76.2



#12
 Acrylonitrile
 Concen: 48.939 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 53 Resp: 170791
 Ion Ratio Lower Upper
 53 100
 52 81.8 66.3 99.5
 51 34.3 26.9 40.3





#13

Acetone

Concen: 60.066 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

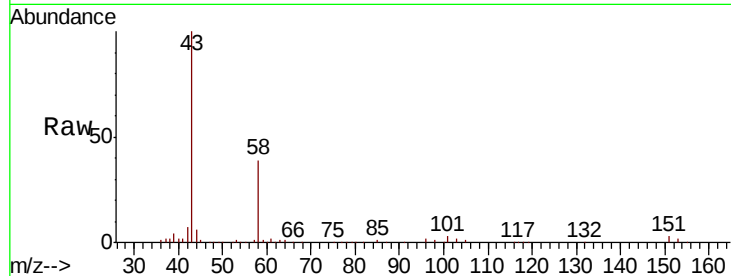
ICVVU031419

Tgt Ion: 43 Resp: 182490

Ion Ratio Lower Upper

43 100

58 38.9 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VU030003.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030003.D (-363) (-)

2.32

120000

100000

80000

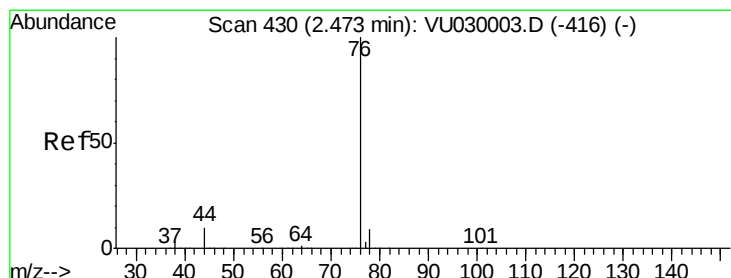
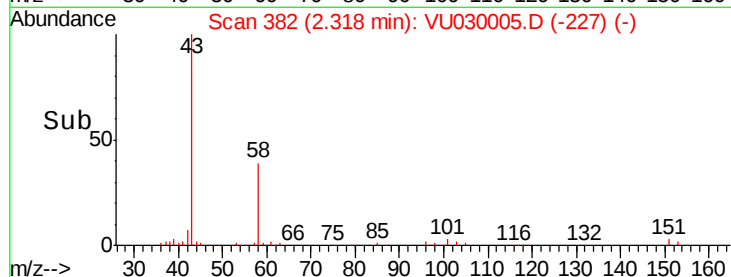
60000

40000

20000

0

Time-->



#14

Carbon Disulfide

Concen: 8.740 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU030005.D

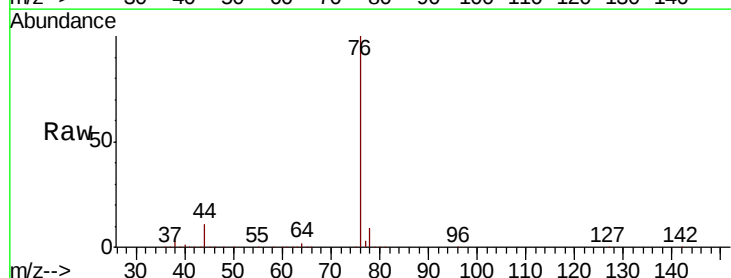
Acq: 12 Mar 2019 12:55

Tgt Ion: 76 Resp: 490648

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU030003.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU030003.D (-416) (-)

2.48

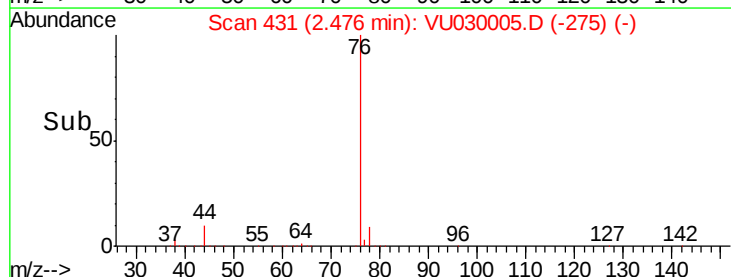
300000

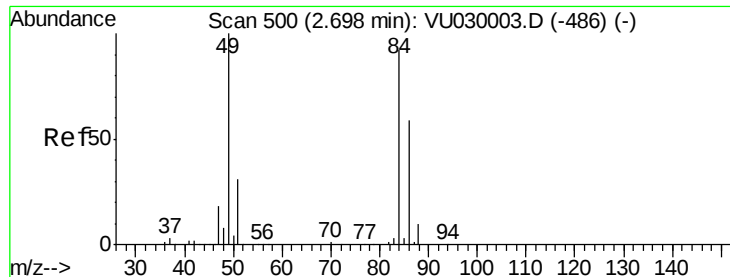
200000

100000

0

Time-->

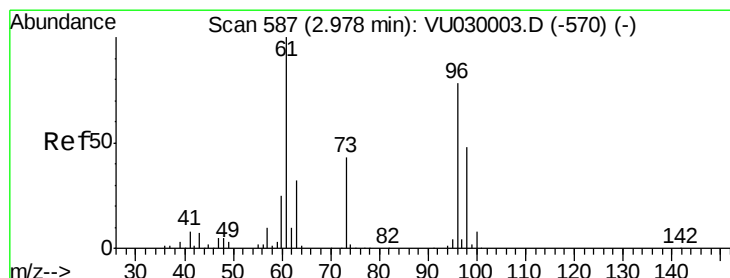
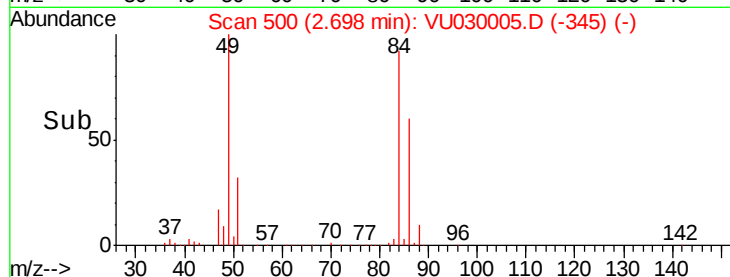
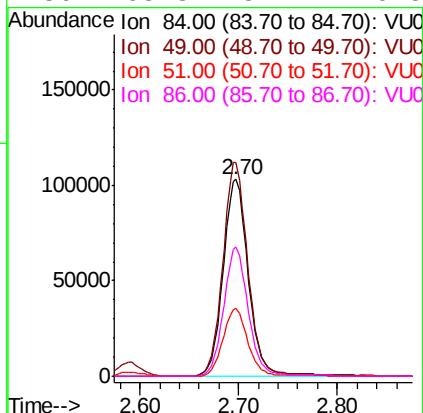
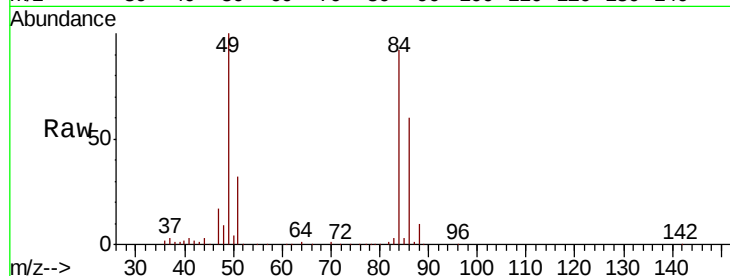




#15
Methylene Chloride
Concen: 9.662 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

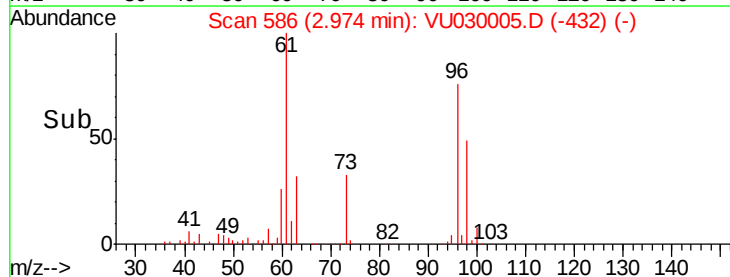
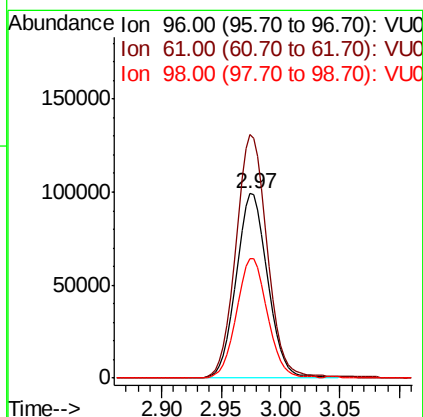
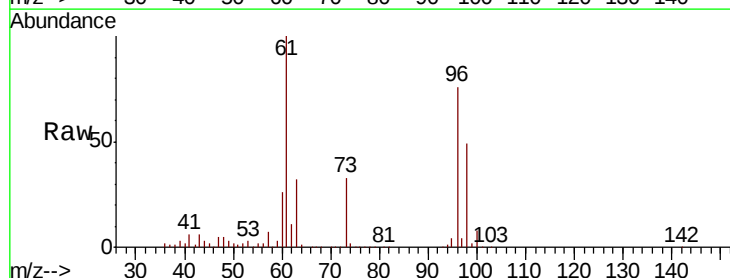
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

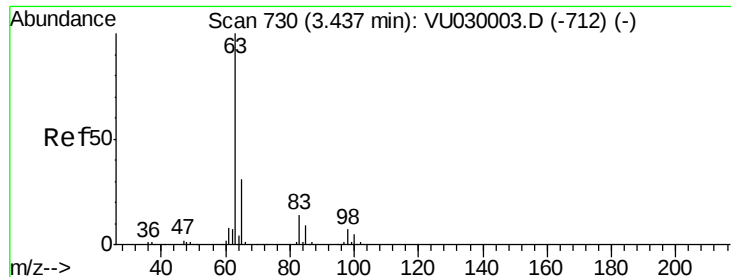
Tgt Ion:	84	Resp:	185376
Ion	Ratio	Lower	Upper
84	100		
49	108.2	86.5	129.7
51	34.3	0.0	66.8
86	65.3	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 9.791 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion:	96	Resp:	182170
Ion	Ratio	Lower	Upper
96	100		
61	131.9	103.0	154.6
98	65.0	49.5	74.3

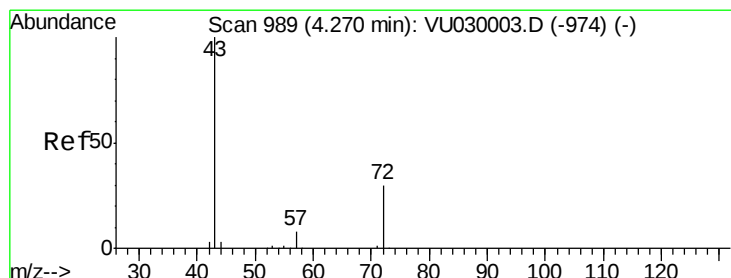
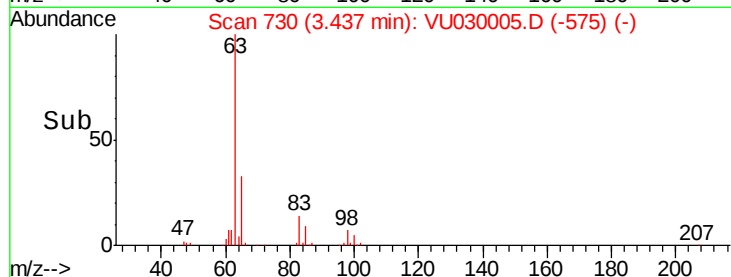
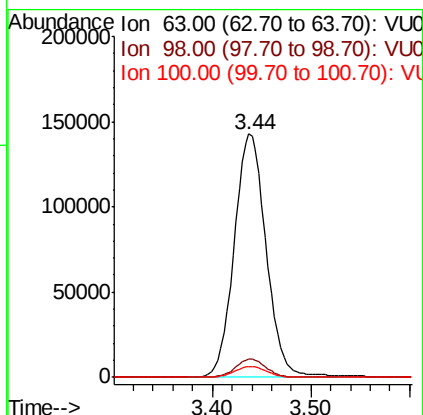
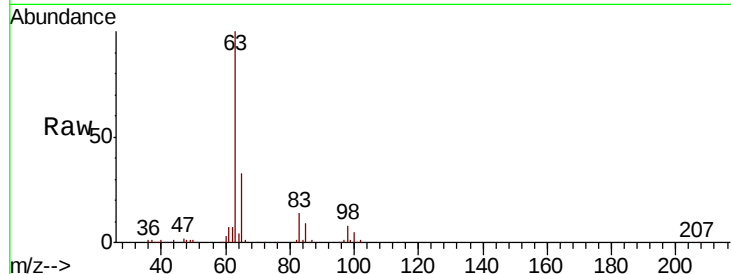




#17
 1,1-Dichloroethane
 Concen: 10.186 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

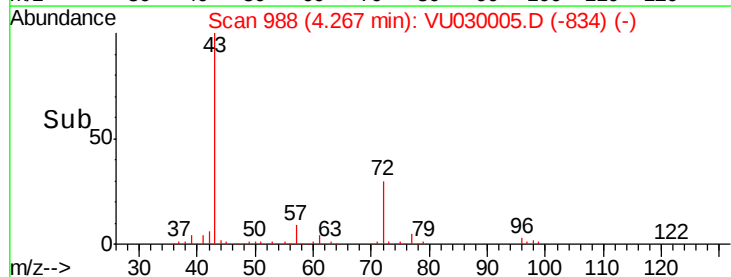
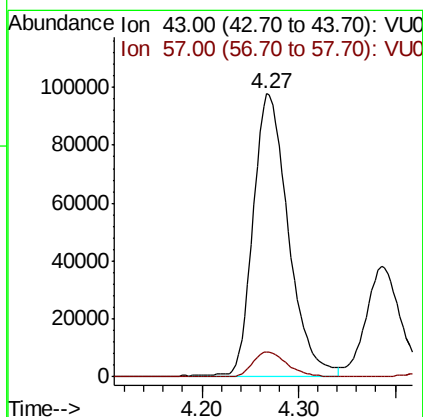
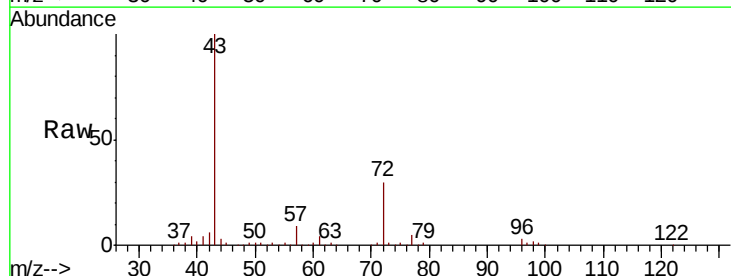
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

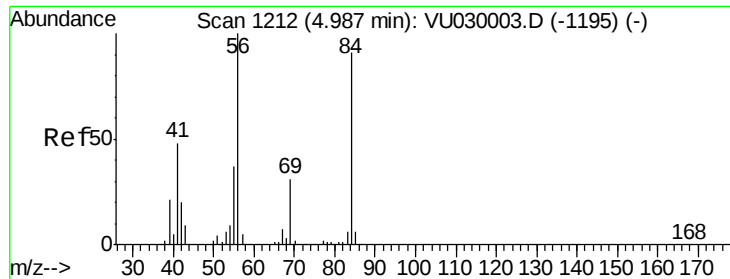
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.4	10.2
100	4.6	2.3	6.8



#18
 2-Butanone
 Concen: 58.203 ug/l
 RT: 4.27 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.9	0.0	16.8

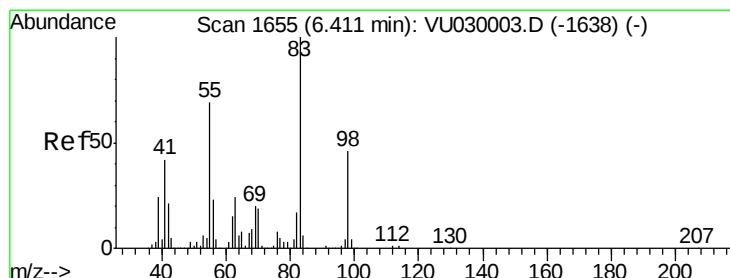
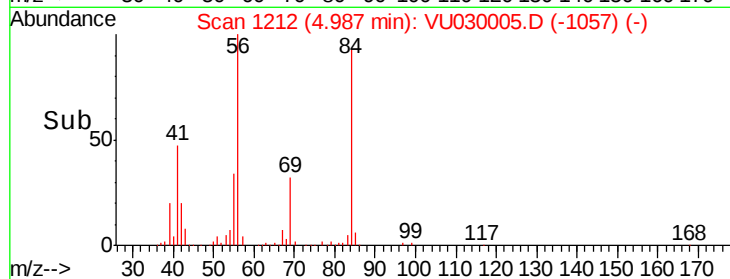
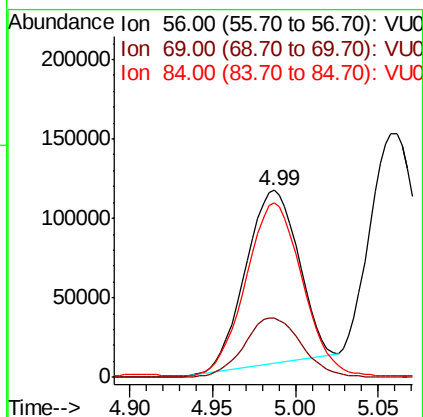
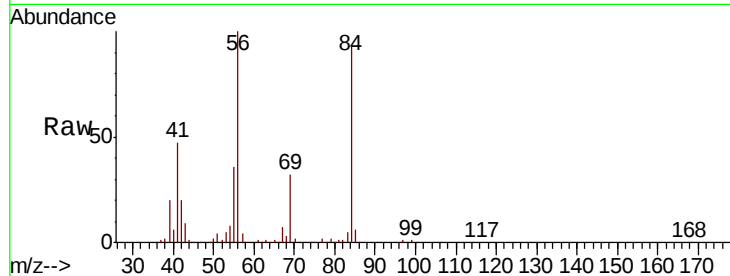




#19
Cyclohexane
Concen: 8.989 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

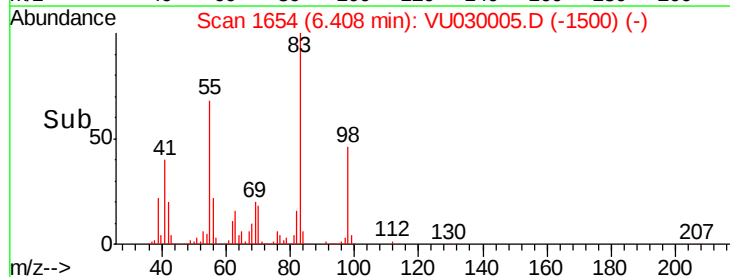
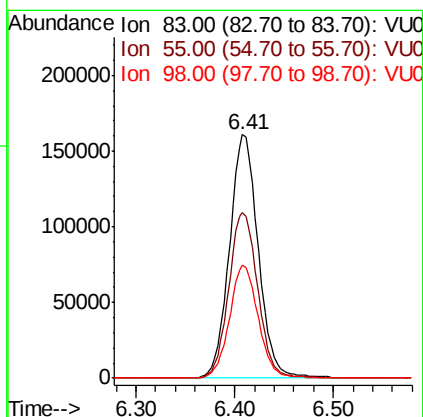
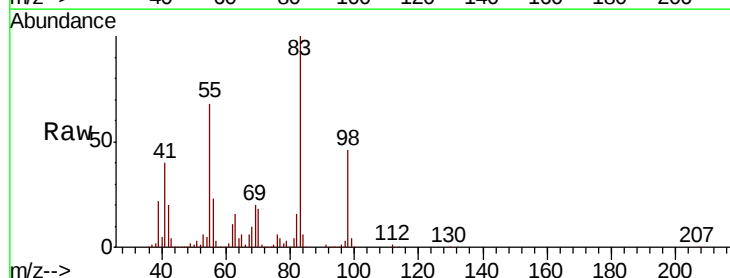
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

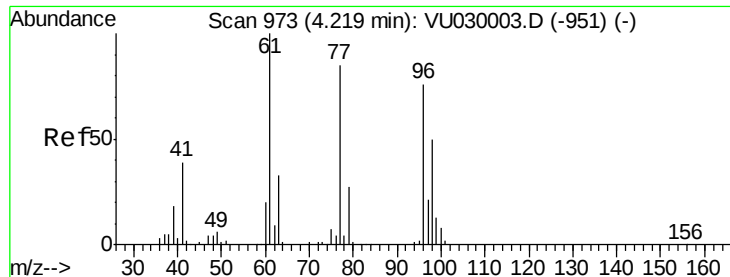
Tgt Ion: 56 Resp: 242259
Ion Ratio Lower Upper
56 100
69 37.4 25.7 38.5
84 107.5 72.9 109.3



#20
Methylcyclohexane
Concen: 10.927 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 83 Resp: 324974
Ion Ratio Lower Upper
83 100
55 68.9 55.6 83.4
98 46.4 37.4 56.0





#21

2,2-Dichloropropane

Concen: 10.292 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampled :

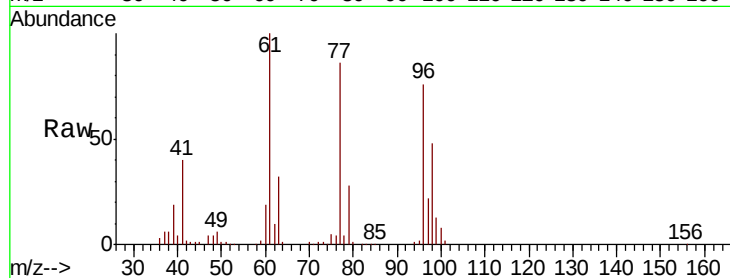
ICVVU031419

Tgt Ion: 77 Resp: 272229

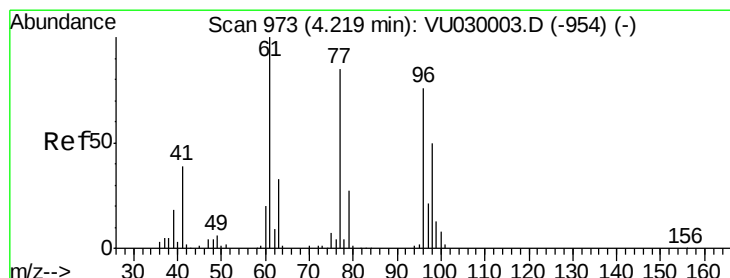
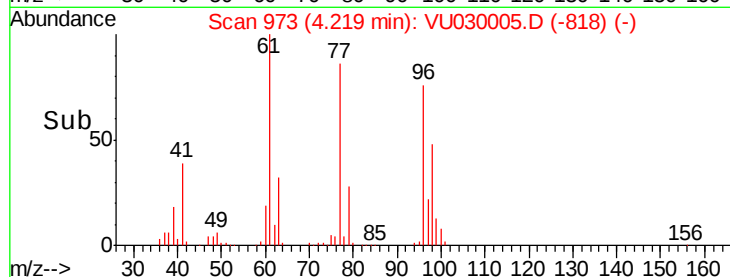
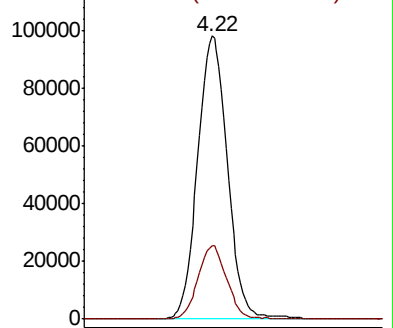
Ion Ratio Lower Upper

77 100

97 24.9 20.2 30.4



Abundance Ion 77.00 (76.70 to 77.70): VU030003.D (-951) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.239 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

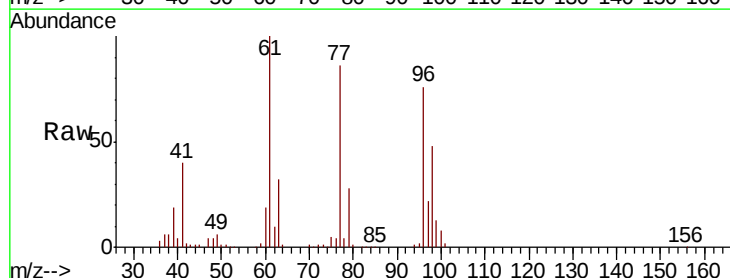
Tgt Ion: 96 Resp: 211789

Ion Ratio Lower Upper

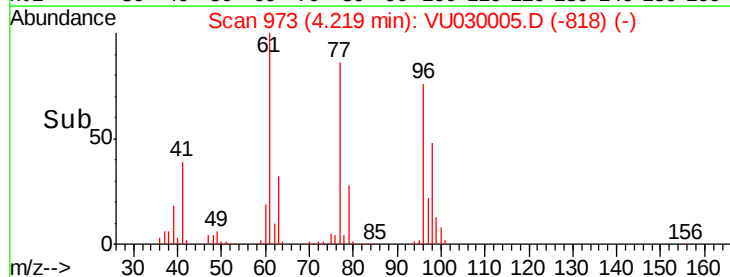
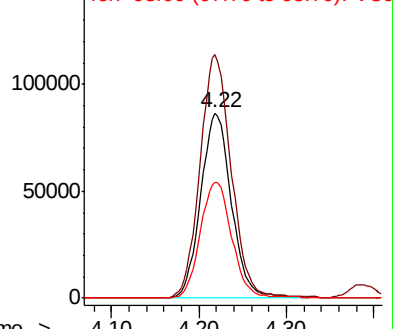
96 100

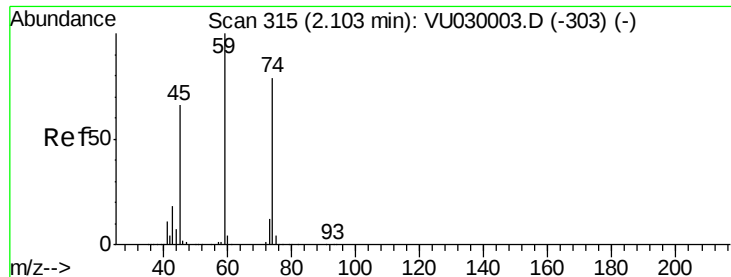
61 133.7 0.0 335.8

98 64.6 32.6 97.7



Abundance Ion 96.00 (95.70 to 96.70): VU030003.D (-954) (-)

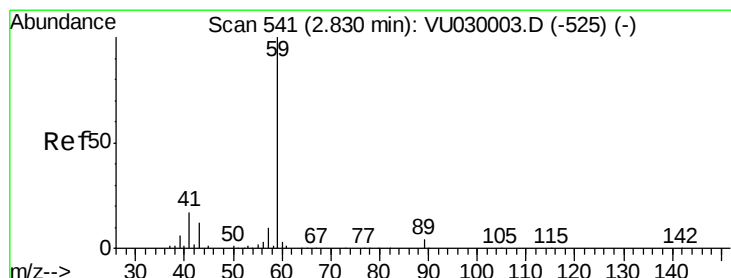
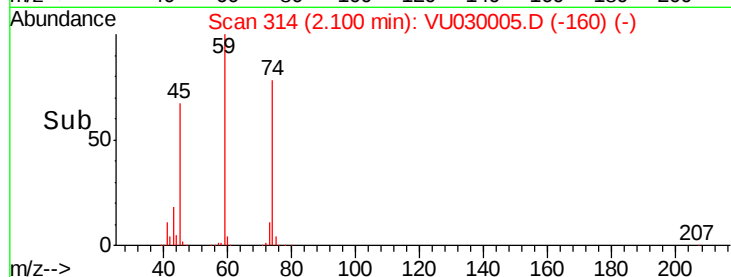
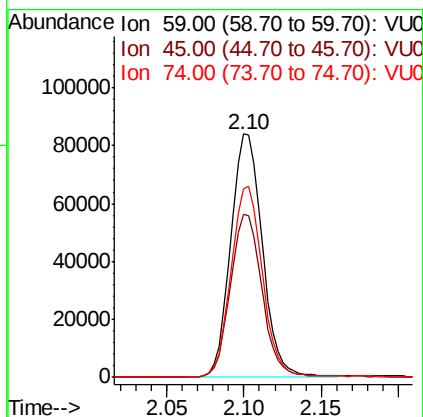
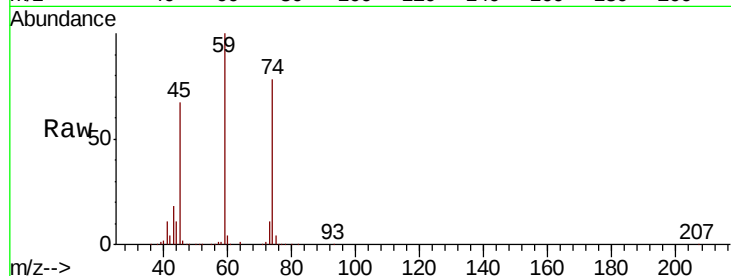




#23
Diethyl Ether
Concen: 9.887 ug/l
RT: 2.10 min Scan# 314
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

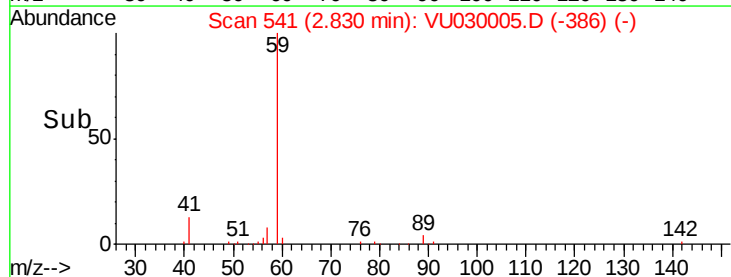
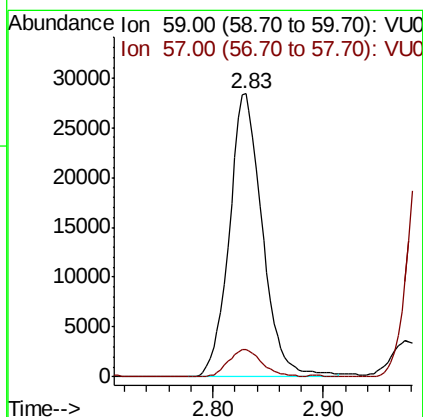
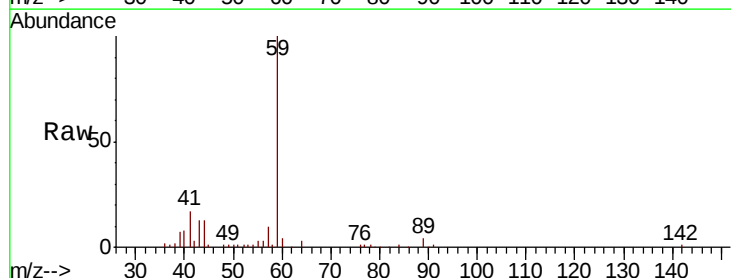
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

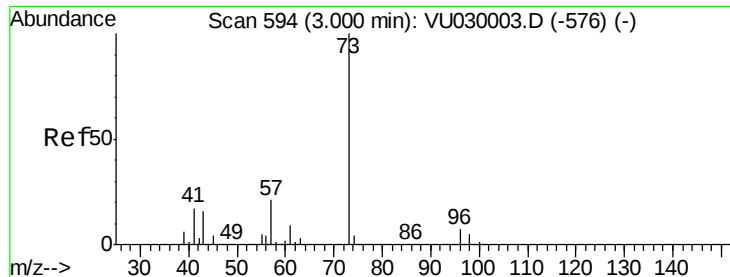
Tgt Ion: 59 Resp: 119029
Ion Ratio Lower Upper
59 100
45 67.3 52.3 78.5
74 77.9 61.1 91.7



#24
tert-Butyl Alcohol
Concen: 45.870 ug/l
RT: 2.83 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 59 Resp: 59101
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5





#25

Methyl tert-Butyl Ether

Concen: 10.236 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

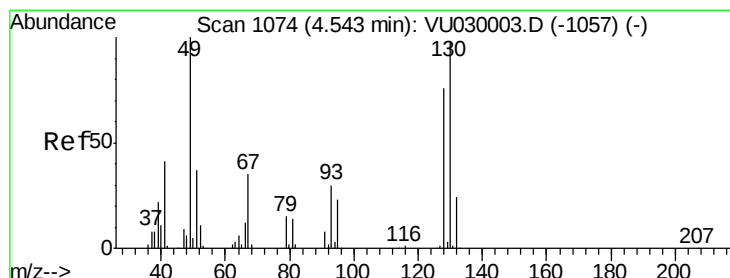
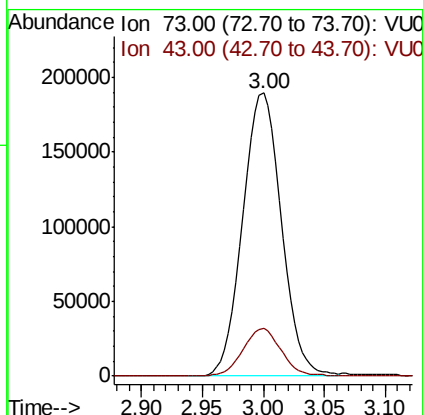
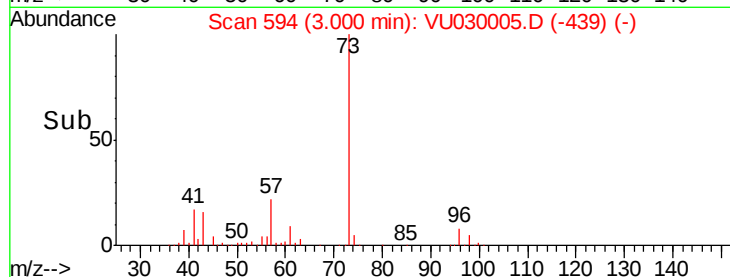
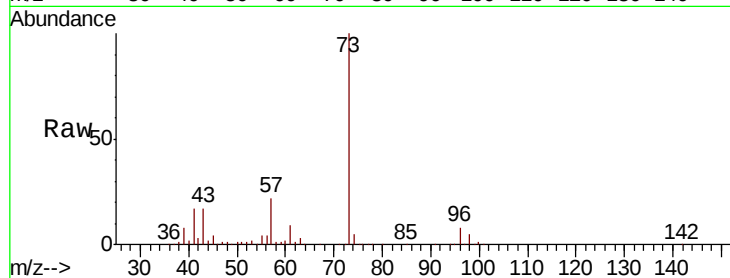
ICVVU031419

Tgt Ion: 73 Resp: 416535

Ion Ratio Lower Upper

73 100

43 16.3 13.1 19.7



#26

Bromochloromethane

Concen: 9.360 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

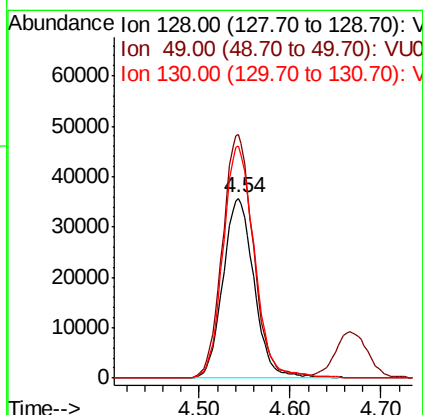
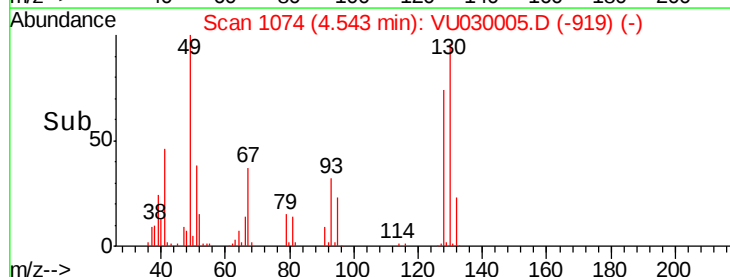
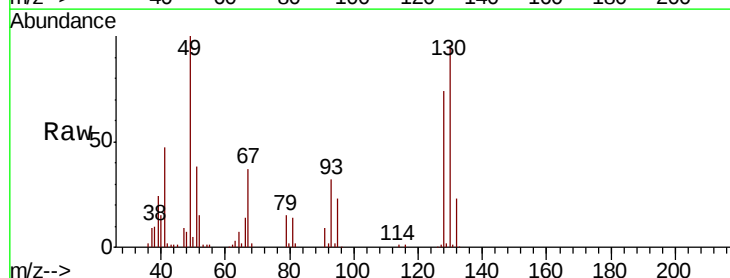
Tgt Ion: 128 Resp: 84706

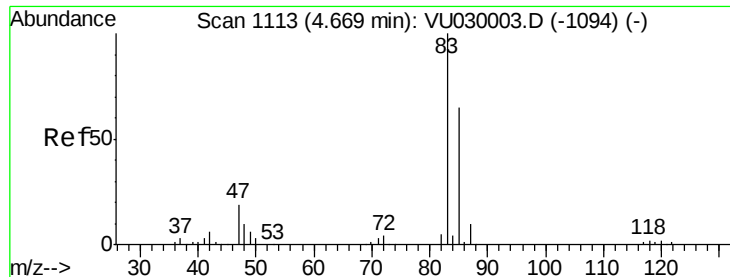
Ion Ratio Lower Upper

128 100

49 134.8 0.0 270.4

130 130.5 102.6 153.8

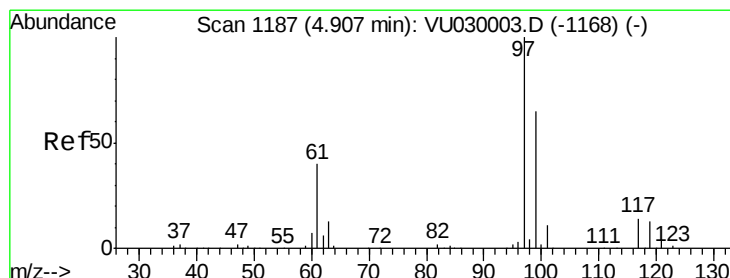
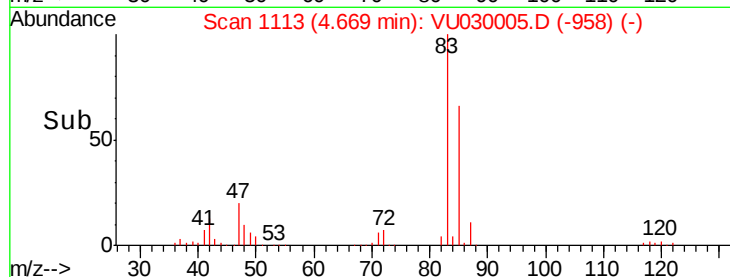
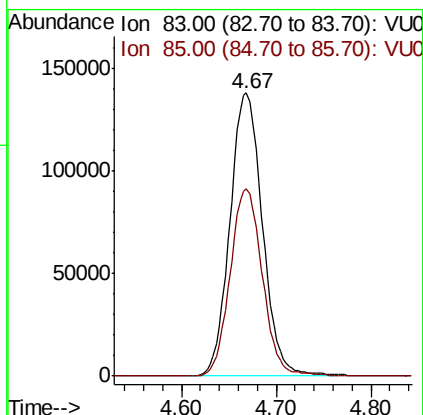
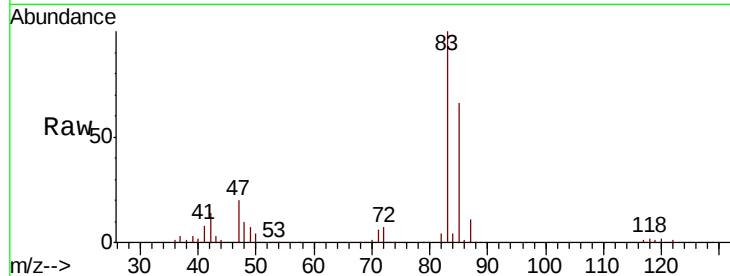




#27
Chloroform
Concen: 9.977 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

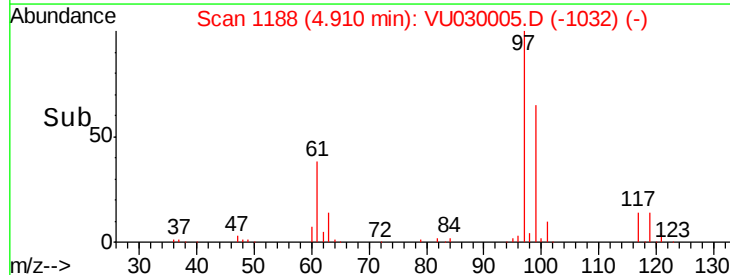
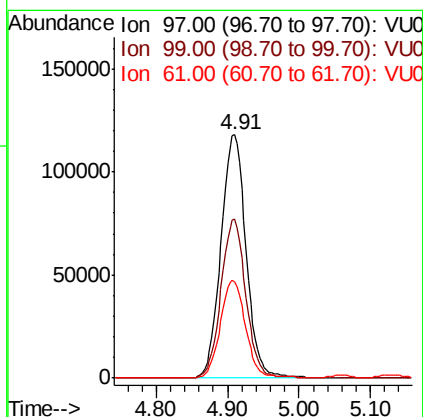
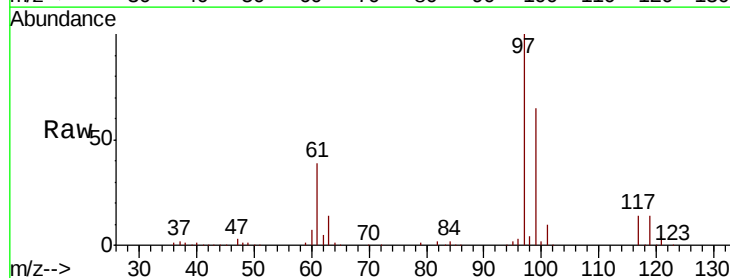
Instrument :
MSVOA_U
ClientSampled :
ICVVU031419

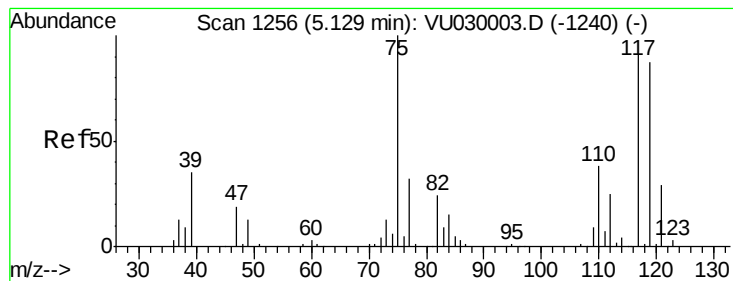
Tgt Ion: 83 Resp: 330207
Ion Ratio Lower Upper
83 100
85 66.1 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 10.615 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 97 Resp: 289062
Ion Ratio Lower Upper
97 100
99 64.7 32.4 97.0
61 40.0 20.4 61.2





#29

1,1-Dichloropropene

Concen: 10.352 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

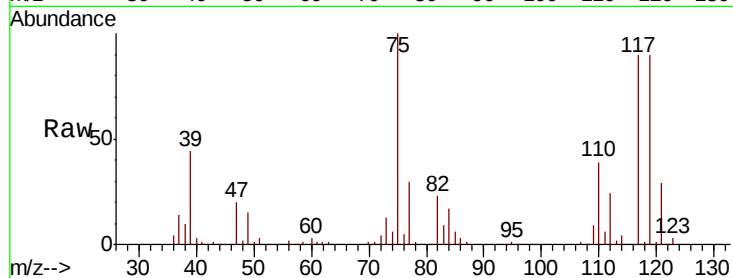
Tgt Ion: 75 Resp: 256643

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.3

77 30.4 25.2 37.8

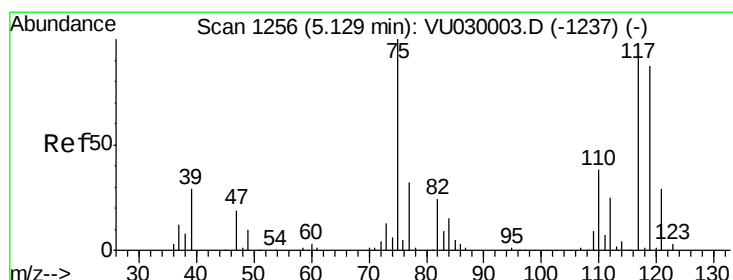
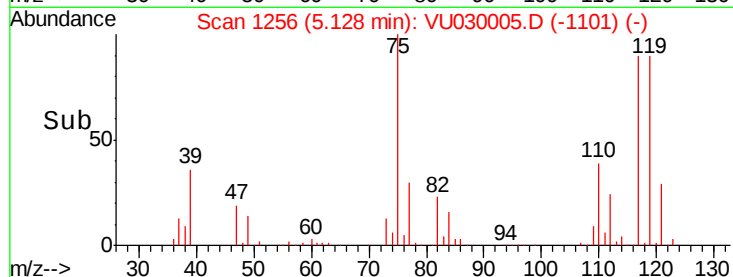
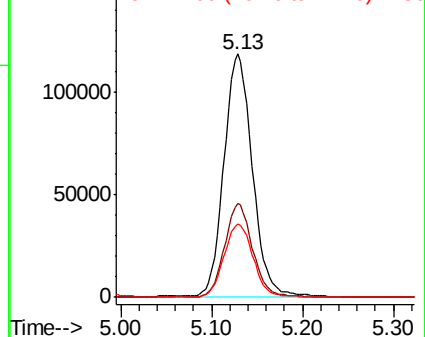


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0



#30

Carbon Tetrachloride

Concen: 10.525 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

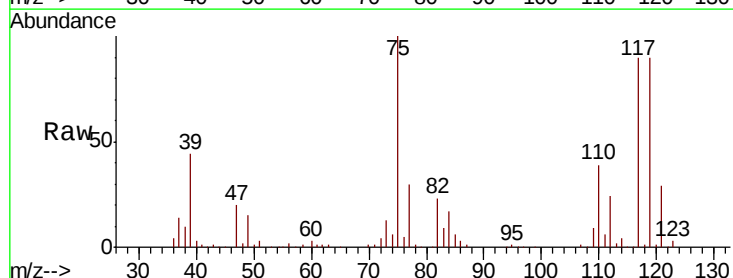
Tgt Ion: 117 Resp: 256214

Ion Ratio Lower Upper

117 100

119 99.6 76.3 114.5

121 32.0 25.1 37.7

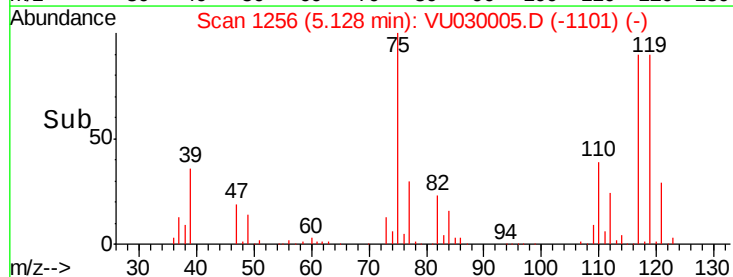
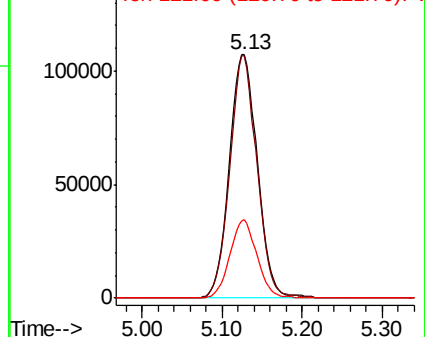


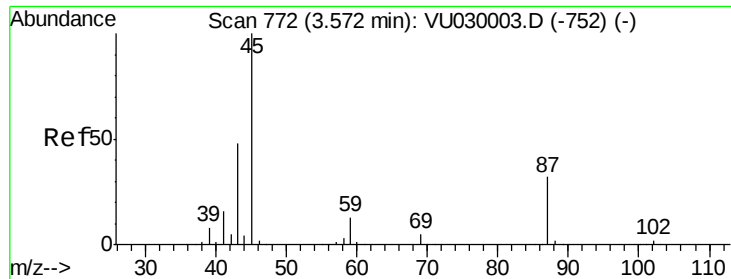
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 11.045 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

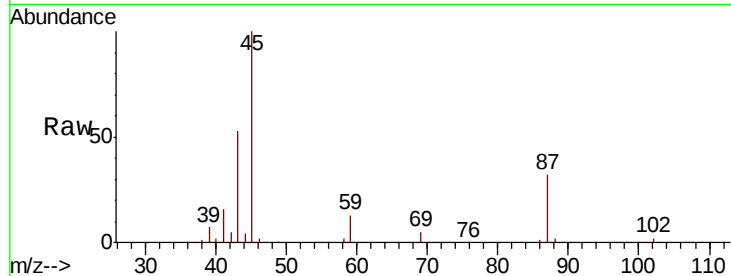
ICVVU031419

Tgt Ion: 45 Resp: 488941

Ion Ratio Lower Upper

45 100

43 207.1 24.5 73.5#



Abundance Ion 45.00 (44.70 to 45.70): VU030003.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU030003.D (-752) (-)

500000

400000

300000

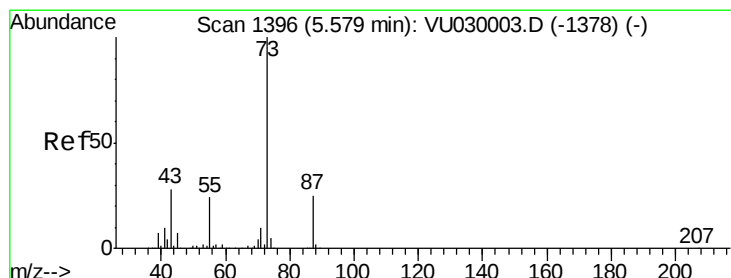
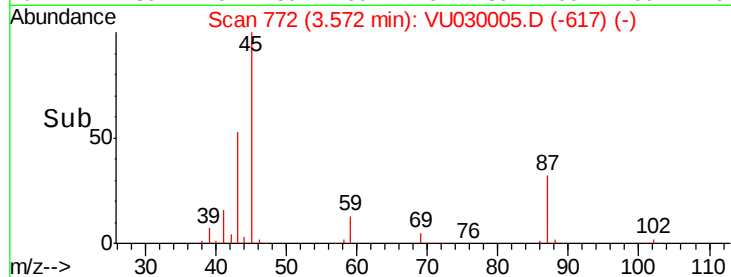
200000

100000

0

3.40 3.50 3.60 3.70

Time-->



#33

Tert-Amyl methyl ether

Concen: 0.323 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.20 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

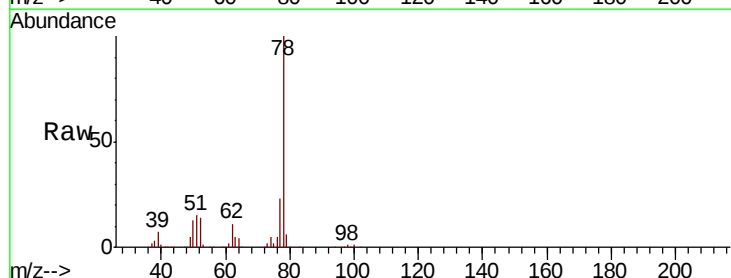
Tgt Ion: 73 Resp: 12611

Ion Ratio Lower Upper

73 100

87 225.1 19.7 29.5#

71 0.0 8.6 13.0#



Abundance Ion 73.00 (72.70 to 73.70): VU030003.D (-1378) (-)

Ion 87.00 (86.70 to 87.70): VU030003.D (-1378) (-)

Ion 71.00 (70.70 to 71.70): VU030003.D (-1378) (-)

8000

6000

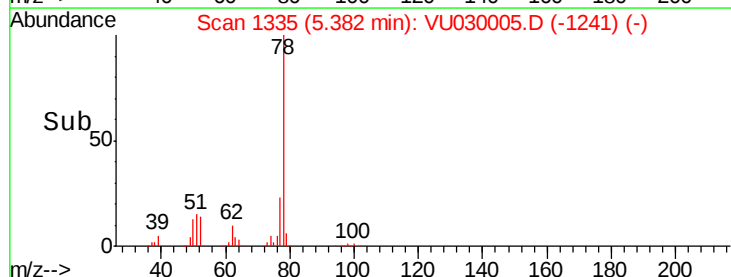
4000

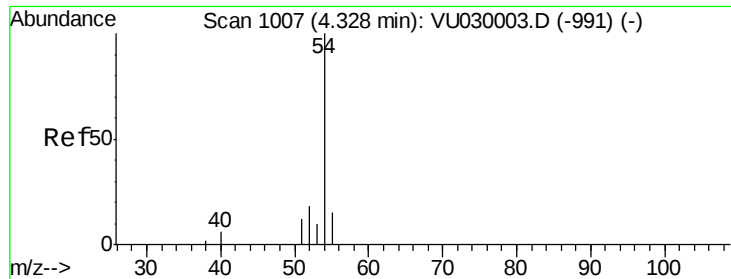
2000

0

5.30 5.35 5.40 5.45

Time-->

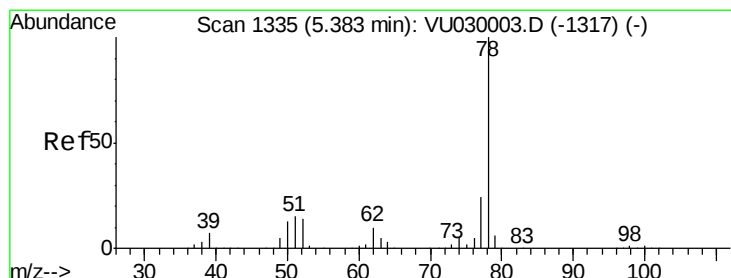
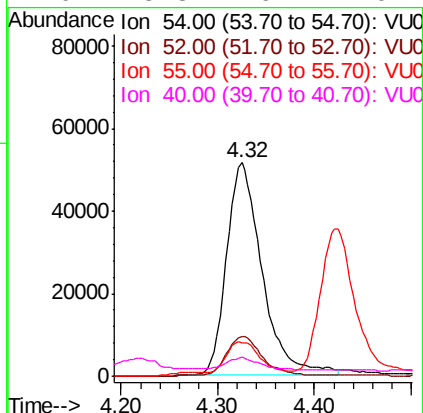
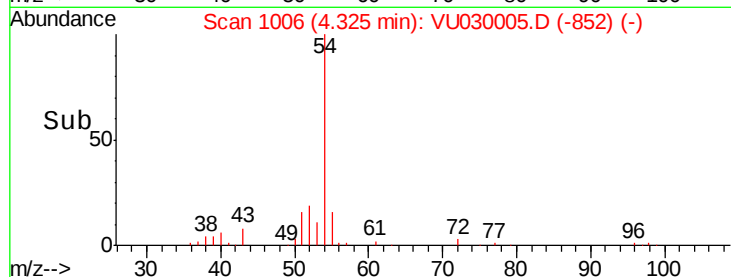
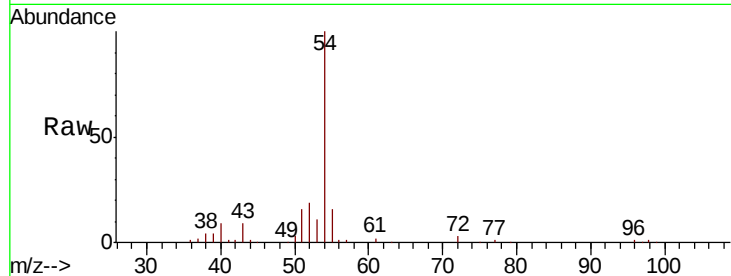




#34
 Propionitrile
 Concen: 112.130 ug/l
 RT: 4.32 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

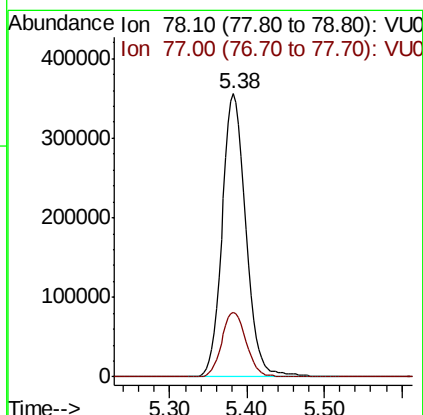
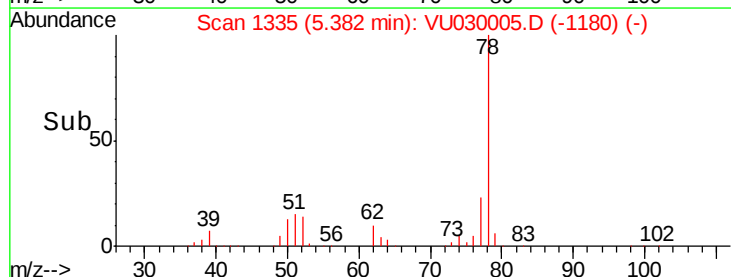
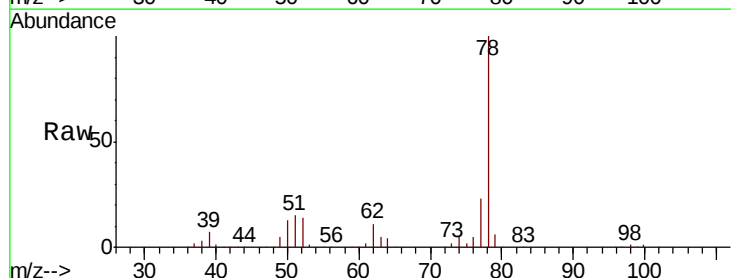
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

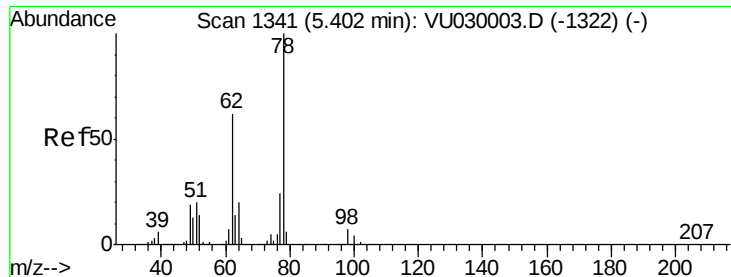
Tgt Ion: 54 Resp: 131474
 Ion Ratio Lower Upper
 54 100
 52 18.4 15.8 23.6
 55 16.4 12.5 18.7
 40 5.8 6.1 9.1#



#35
 Benzene
 Concen: 10.443 ug/l
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 78 Resp: 757456
 Ion Ratio Lower Upper
 78 100
 77 22.9 18.9 28.3





#36

1,2-Dichloroethane

Concen: 10.099 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

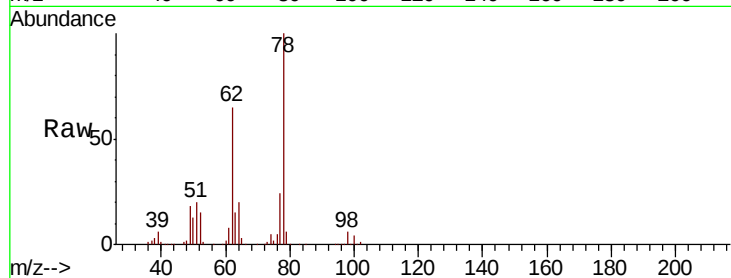
ICVVU031419

Tgt Ion: 62 Resp: 195858

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VU030003.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU030003.D (-1322) (-)

5.40

100000

80000

60000

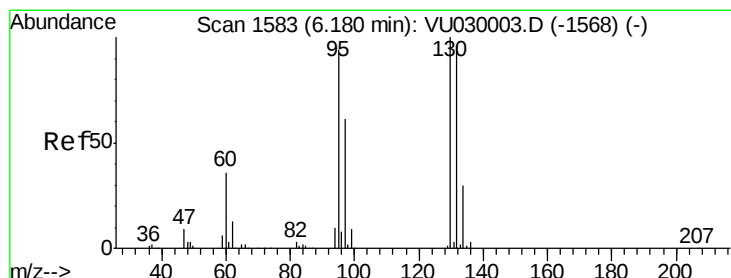
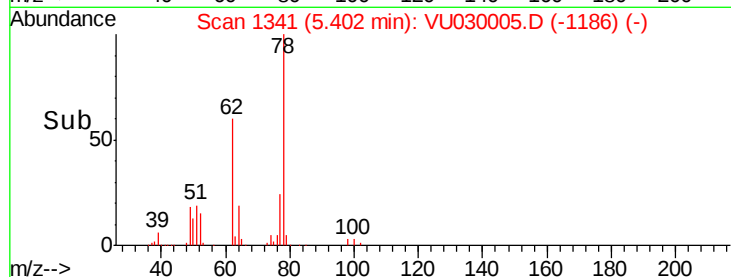
40000

20000

0

Time-->

5.30 5.40 5.50



#37

Trichloroethene

Concen: 10.094 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030005.D

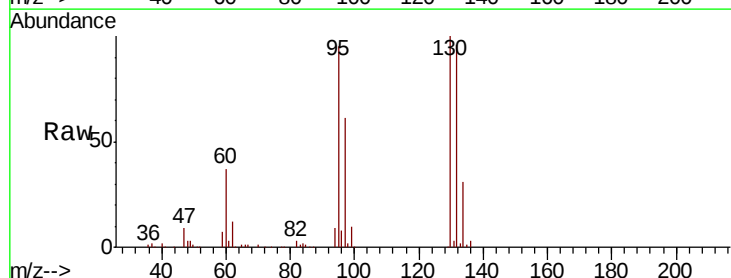
Acq: 12 Mar 2019 12:55

Tgt Ion: 130 Resp: 210882

Ion Ratio Lower Upper

130 100

95 94.6 75.2 112.8



Abundance Ion 129.90 (129.60 to 130.60): VU030003.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU030003.D (-1568) (-)

6.18

120000

100000

80000

60000

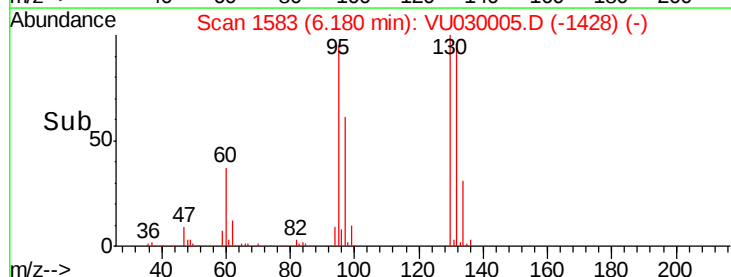
40000

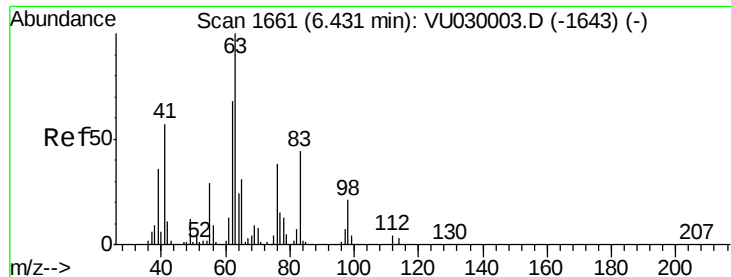
20000

0

Time-->

6.10 6.15 6.20 6.25 6.30

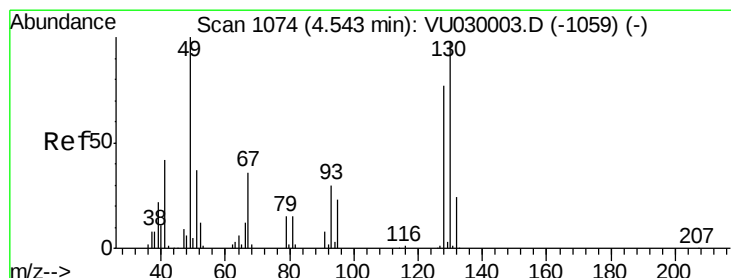
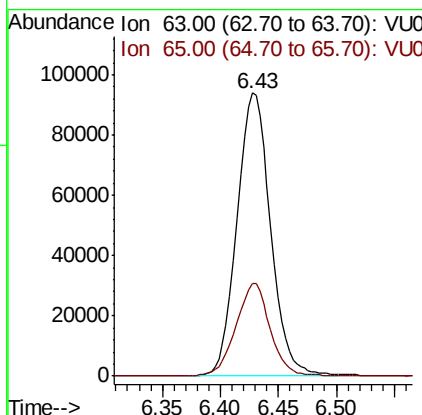
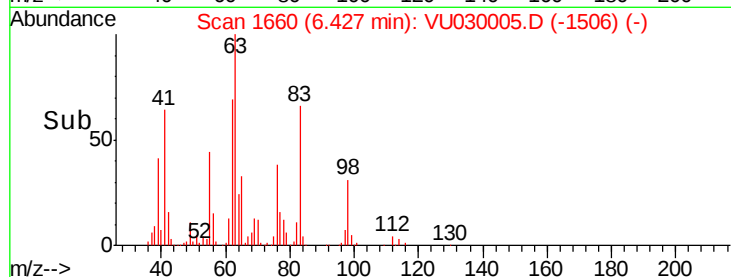
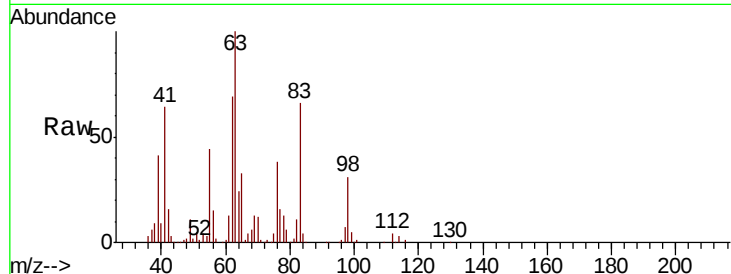




#38
 1,2-Dichloropropane
 Concen: 10.258 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

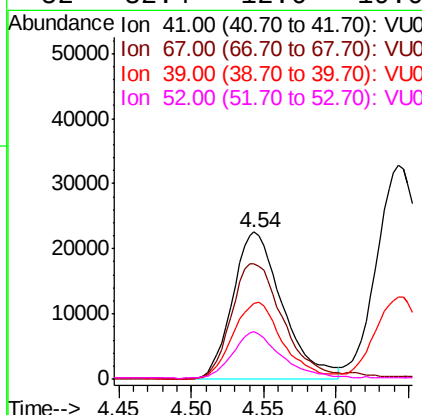
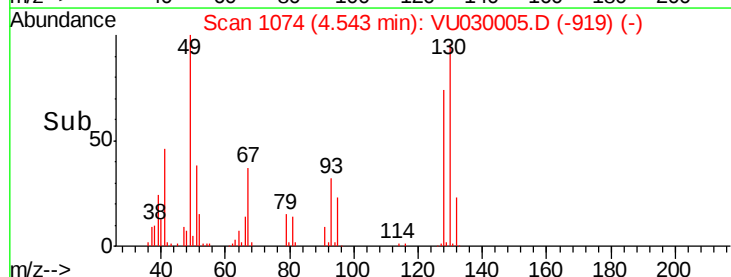
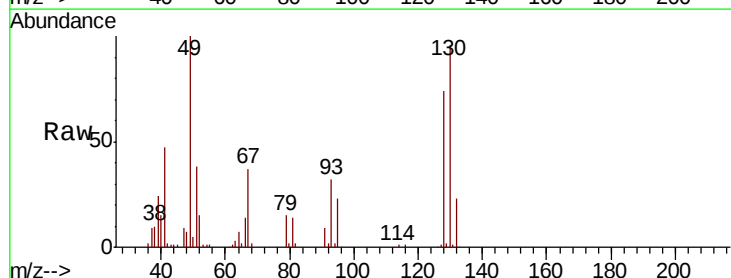
Instrument :
 MSVOA_U
 ClientSampleID :
 ICVVU031419

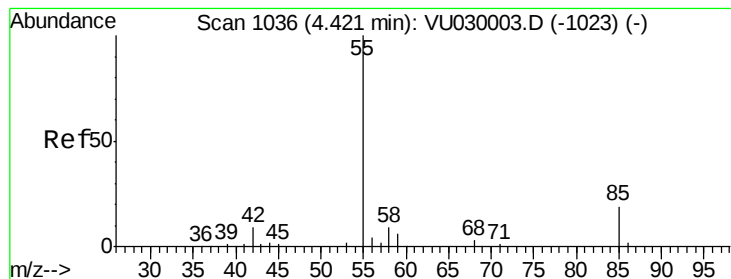
Tgt Ion: 63 Resp: 189137
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.9 37.3



#39
 Methacrylonitrile
 Concen: 10.532 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 41 Resp: 53851
 Ion Ratio Lower Upper
 41 100
 67 81.5 71.4 107.0
 39 52.7 41.9 62.9
 52 32.4 12.6 19.0#





#40

Methyl acrylate

Concen: 11.607 ug/l

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

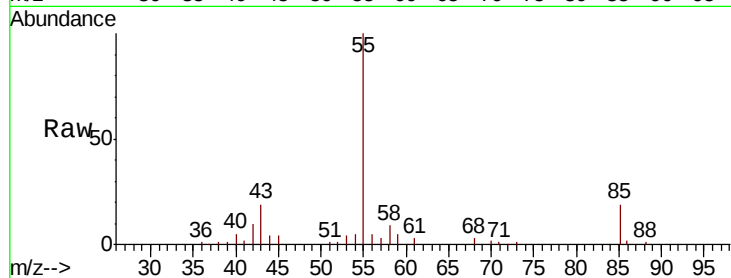
Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

Tgt Ion:	55	Resp:	93778
Ion	Ratio	Lower	Upper
55	100		
85	17.4	16.2	24.2
58	8.4	7.0	10.6
42	0.0	7.8	11.8#



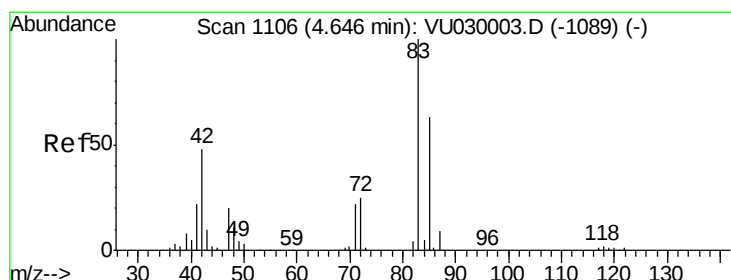
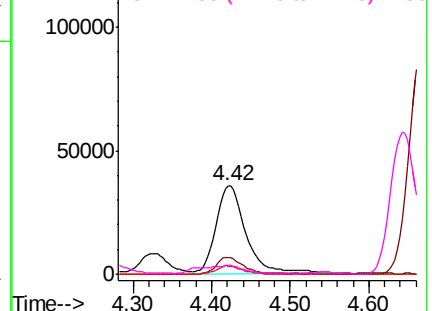
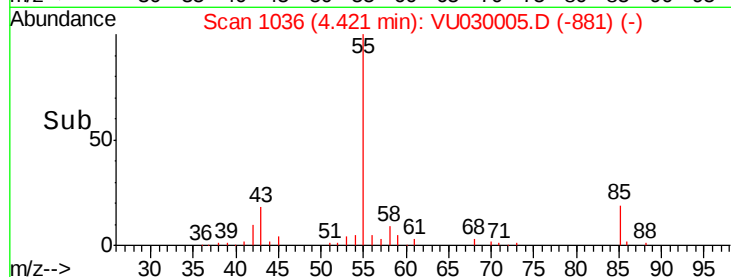
Abundance

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: 49.863 ug/l

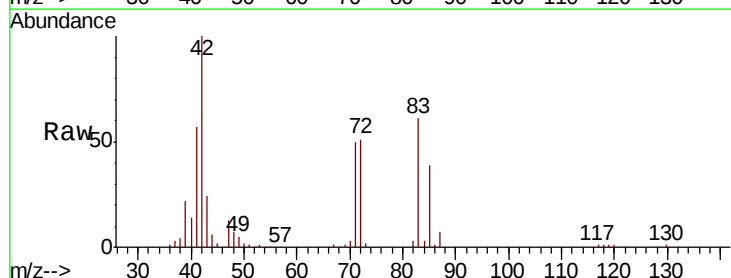
RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Tgt Ion:	42	Resp:	141018
Ion	Ratio	Lower	Upper
42	100		
72	50.1	44.9	67.3
71	47.1	37.8	56.8

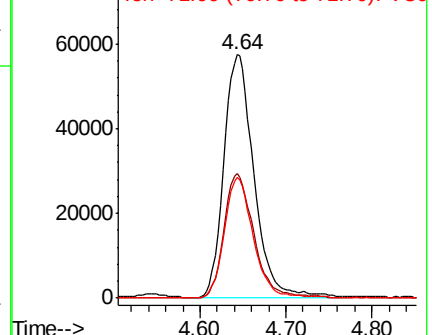
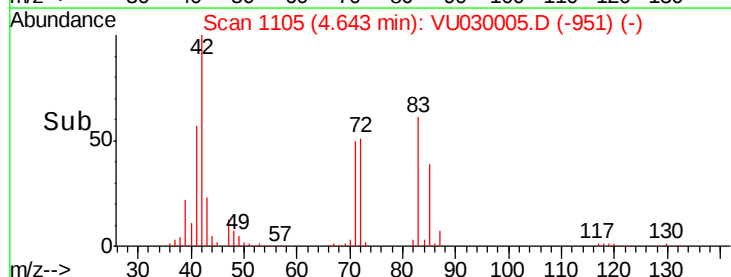


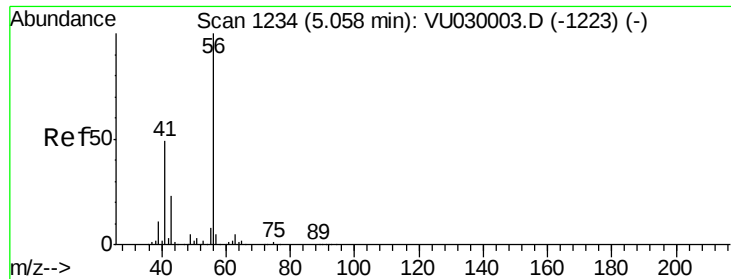
Abundance

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

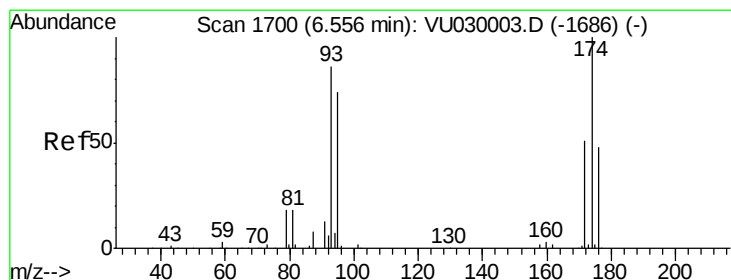
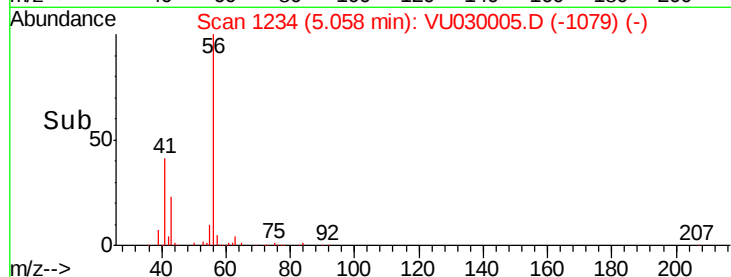
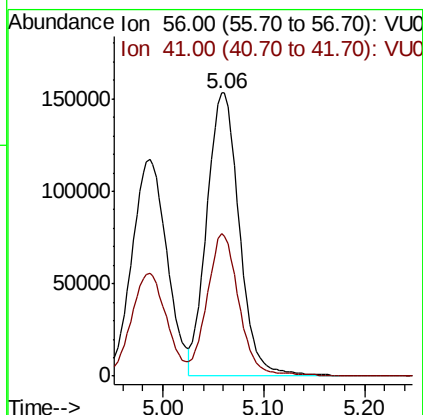
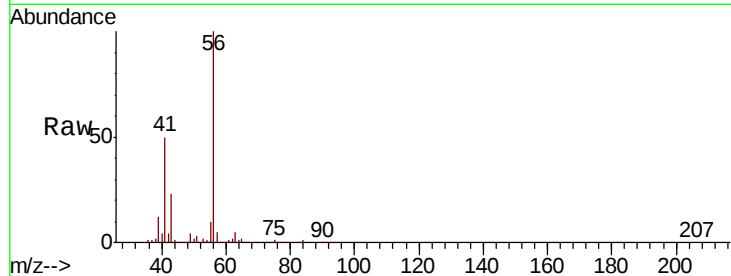




#42
1-Chlorobutane
Concen: 10.514 ug/l
RT: 5.06 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

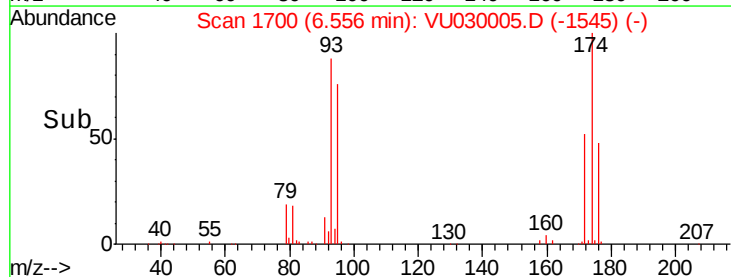
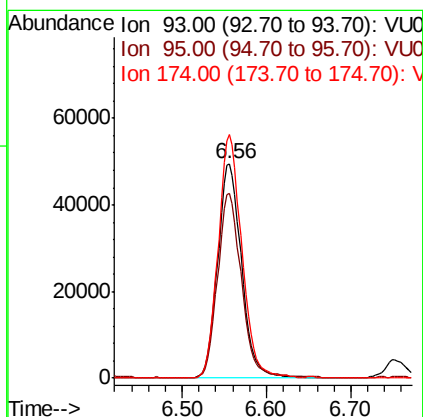
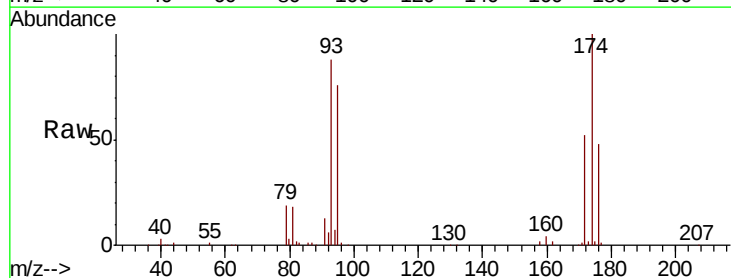
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

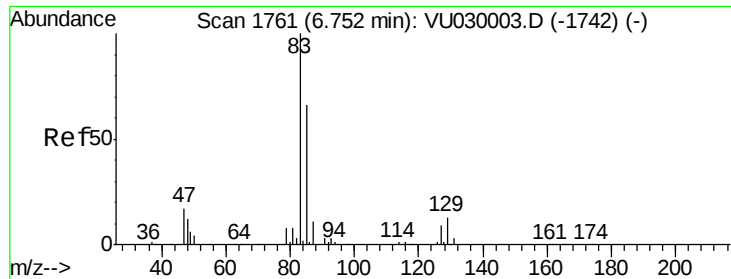
Tgt Ion: 56 Resp: 341413
Ion Ratio Lower Upper
56 100
41 49.7 24.7 74.1



#43
Dibromomethane
Concen: 10.197 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 93 Resp: 97274
Ion Ratio Lower Upper
93 100
95 86.3 68.6 102.8
174 112.6 91.8 137.8





#44

Bromodichloromethane

Concen: 10.567 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

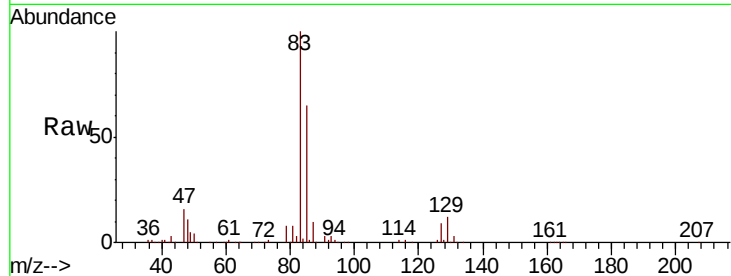
Tgt Ion: 83 Resp: 240480

Ion Ratio Lower Upper

83 100

85 65.4 53.2 79.8

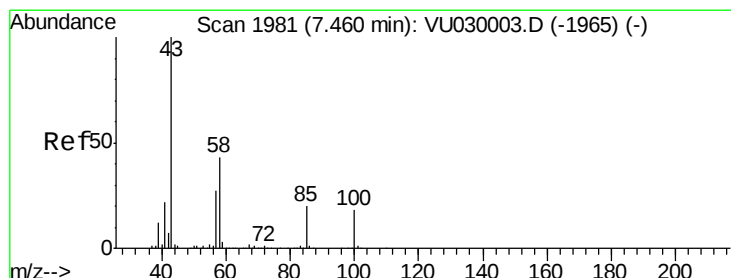
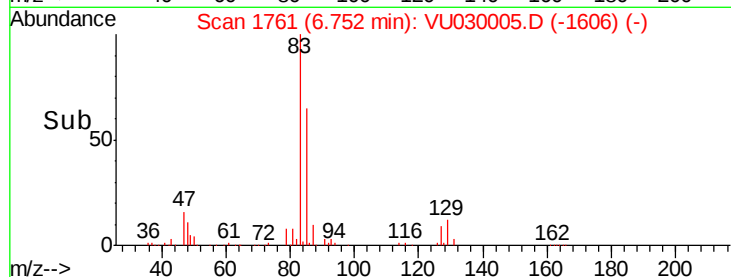
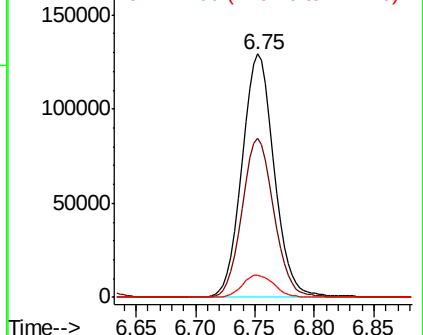
127 9.0 7.4 11.0



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: 52.307 ug/l

RT: 7.46 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

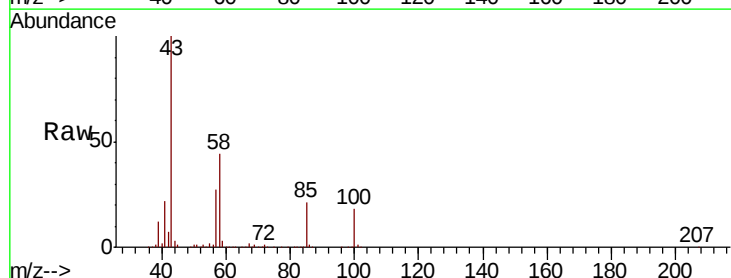
Tgt Ion: 43 Resp: 492989

Ion Ratio Lower Upper

43 100

58 43.9 21.6 64.6

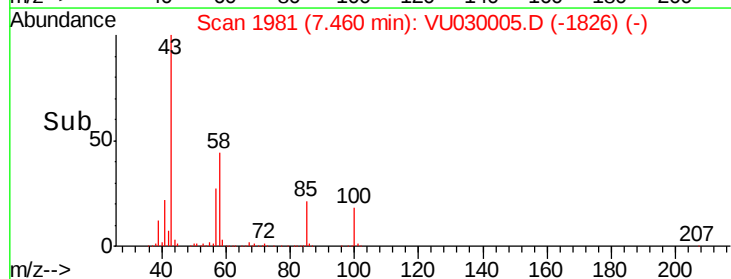
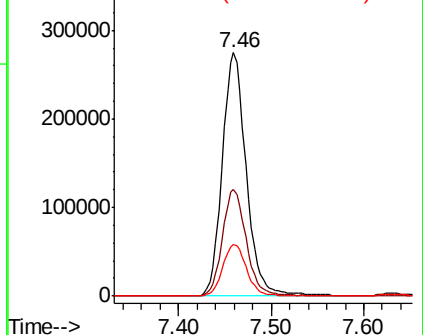
85 21.3 16.3 24.5

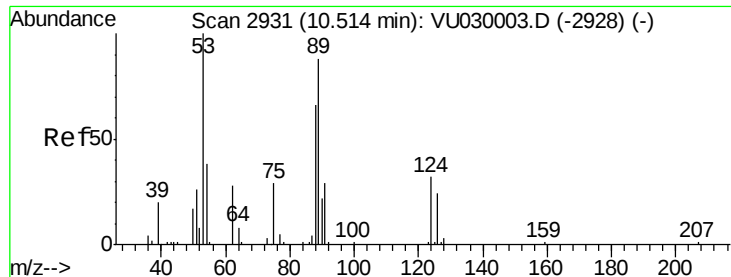


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

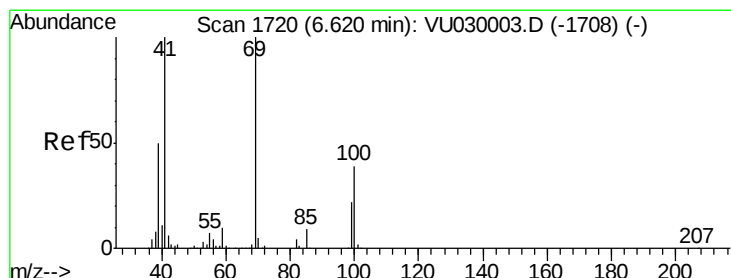
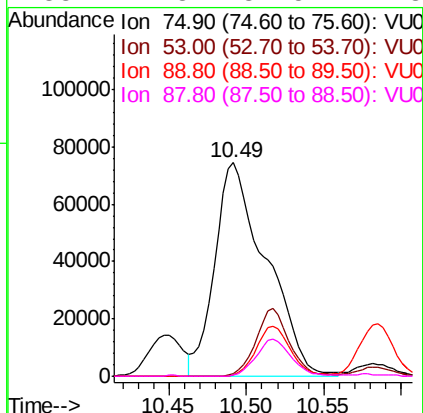
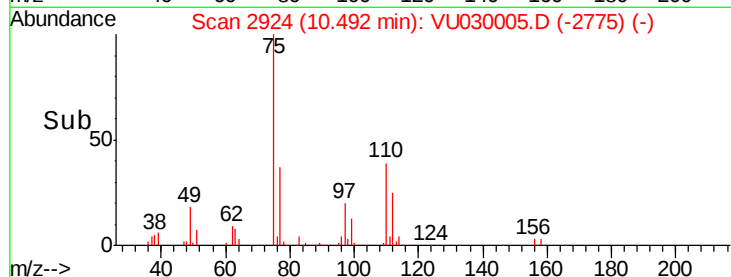
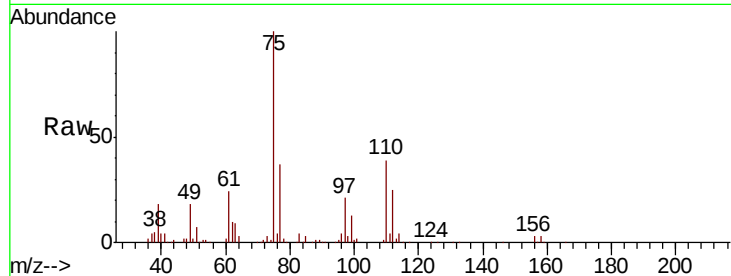




#46
t-1,4-Dichloro-2-butene
Concen: 35.989 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

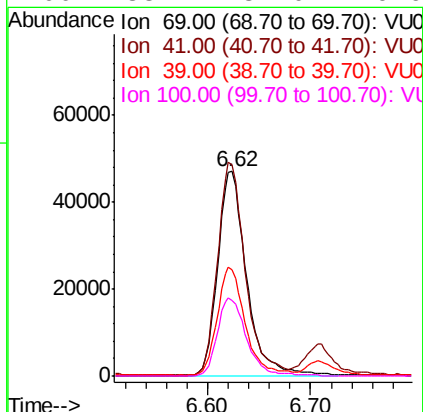
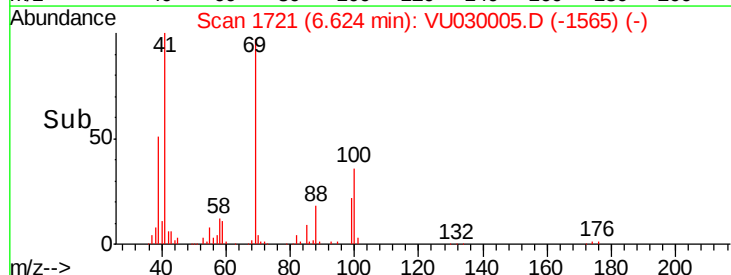
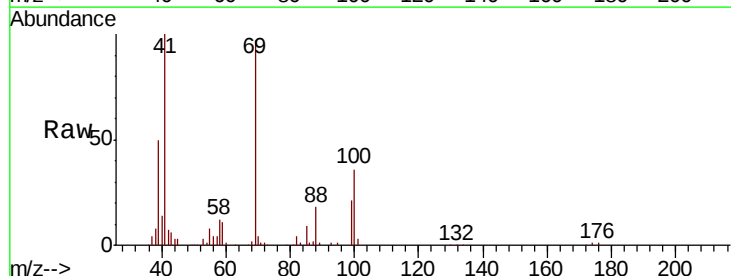
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

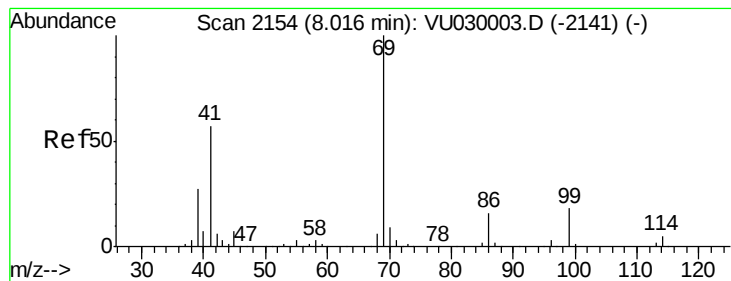
Tgt Ion: 75 Resp: 171366
Ion Ratio Lower Upper
75 100
53 20.7 57.0 85.6#
89 15.9 43.6 65.4#
88 11.8 31.5 47.3#



#47
Methyl methacrylate
Concen: 11.513 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 69 Resp: 92006
Ion Ratio Lower Upper
69 100
41 99.1 0.0 197.8
39 50.9 40.2 60.4
100 38.4 31.0 46.6





#48

Ethyl methacrylate

Concen: 11.334 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

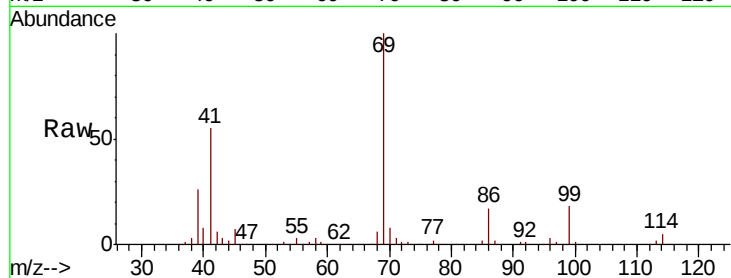
ICVVU031419

Tgt Ion: 69 Resp: 170820

Ion Ratio Lower Upper

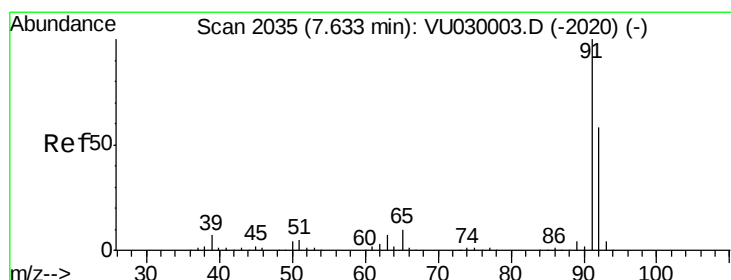
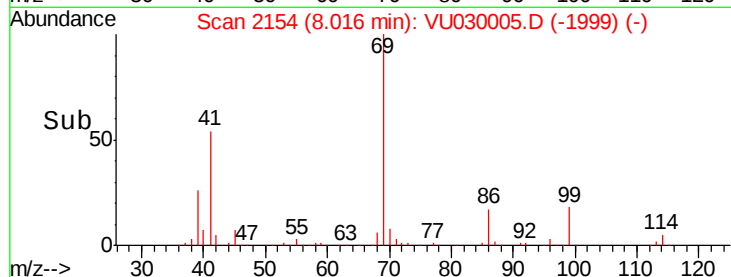
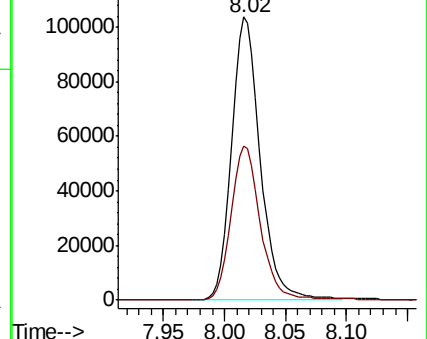
69 100

41 55.9 28.1 84.4



Abundance Ion 69.00 (68.70 to 69.70): VU030003.D (-2141) (-)

Ion 41.00 (40.70 to 41.70): VU030003.D (-2141) (-)



#49

Toluene

Concen: 10.960 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030005.D

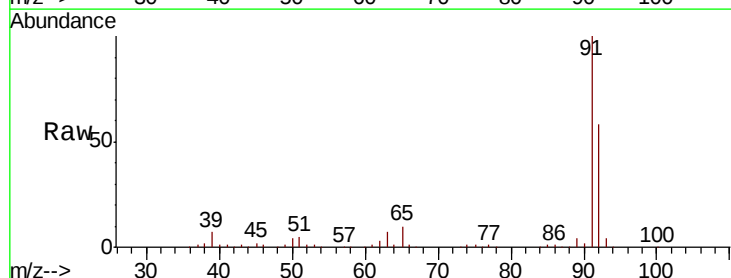
Acq: 12 Mar 2019 12:55

Tgt Ion: 92 Resp: 478967

Ion Ratio Lower Upper

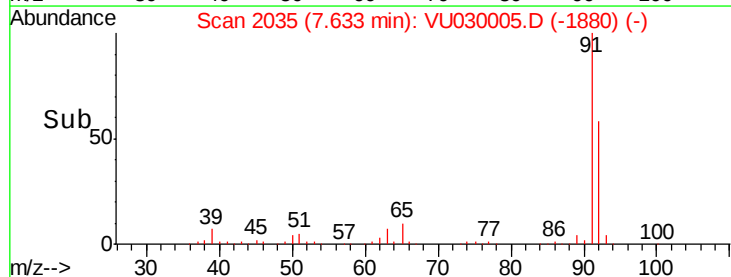
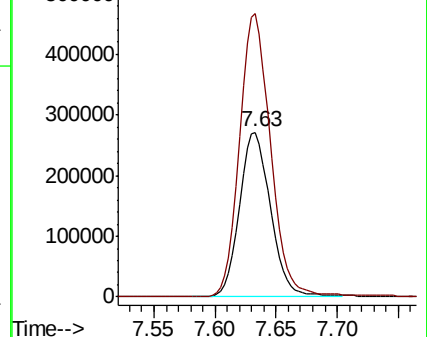
92 100

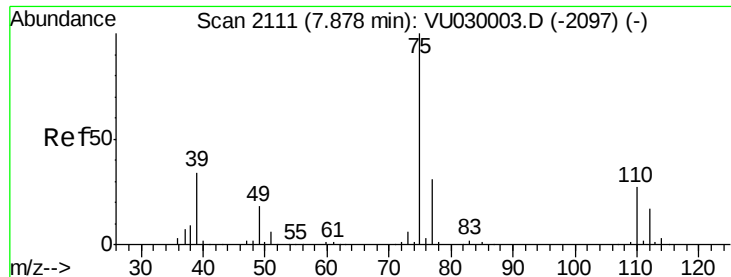
91 173.4 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VU030003.D (-2020) (-)

Ion 91.00 (90.70 to 91.70): VU030003.D (-2020) (-)

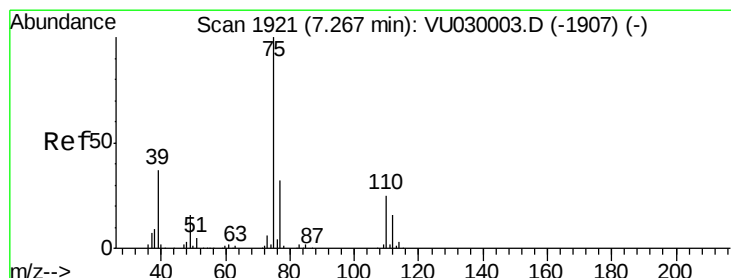
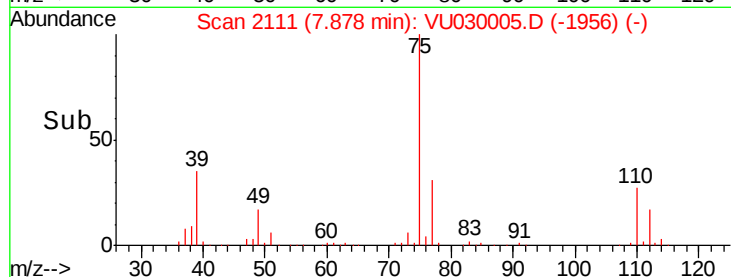
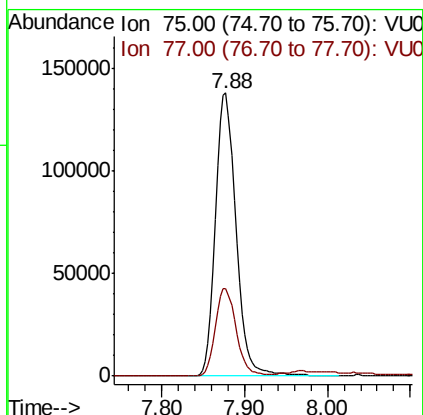
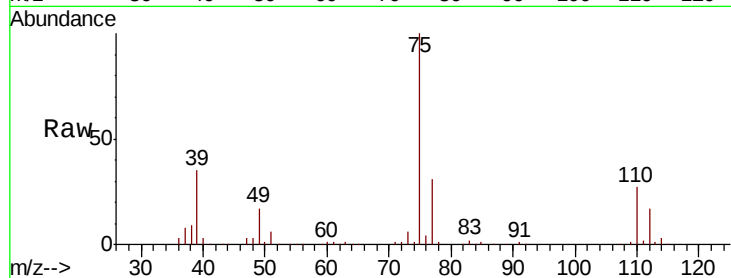




#50
 t-1,3-Dichloropropene
 Concen: 11.721 ug/l
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

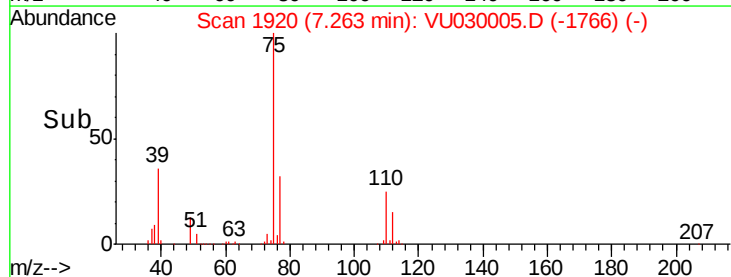
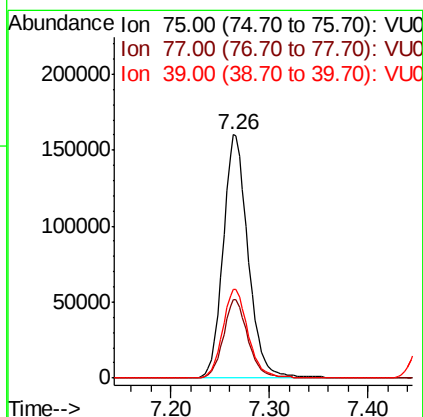
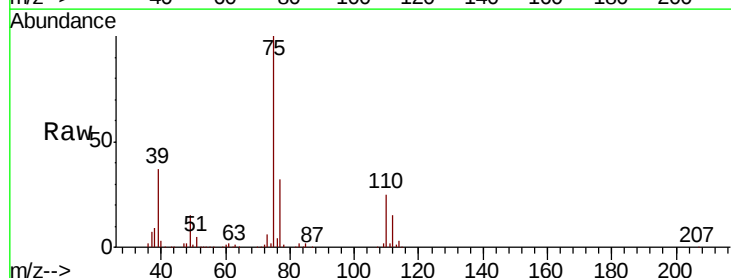
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

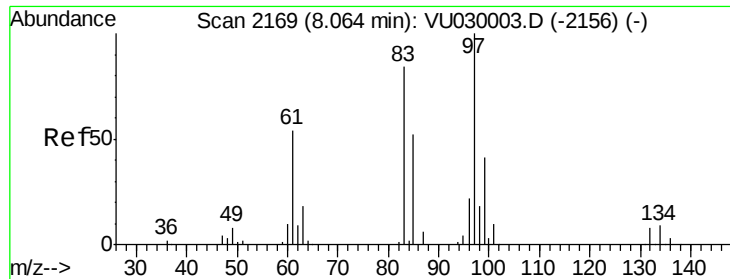
Tgt Ion: 75 Resp: 238866
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7



#51
 cis-1,3-Dichloropropene
 Concen: 11.123 ug/l
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 75 Resp: 284951
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.0 39.0
 39 36.6 29.5 44.3

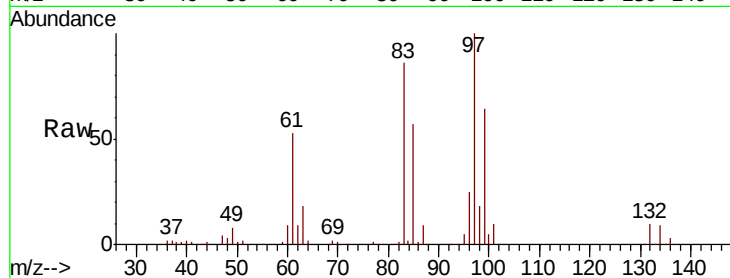




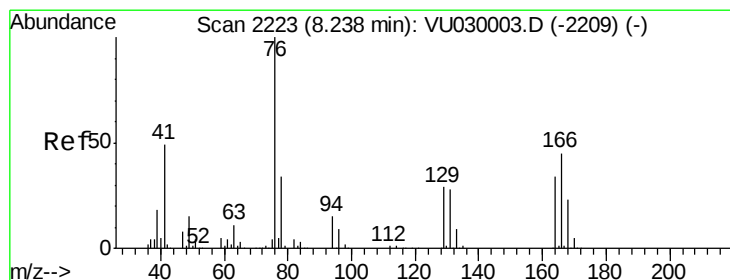
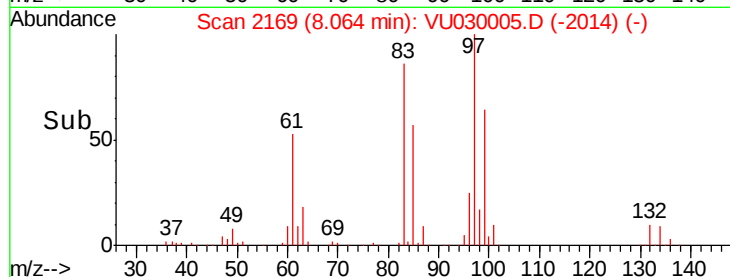
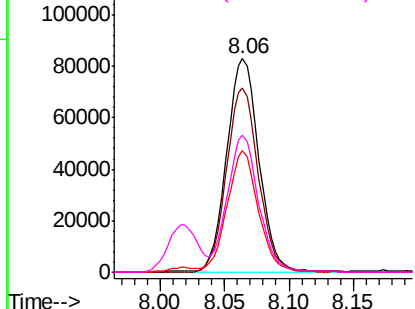
#52
 1,1,2-Trichloroethane
 Concen: 10.573 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

Tgt Ion: 97 Resp: 142577
 Ion Ratio Lower Upper
 97 100
 83 86.4 67.4 101.0
 85 56.7 42.6 64.0
 99 64.3 48.9 73.3

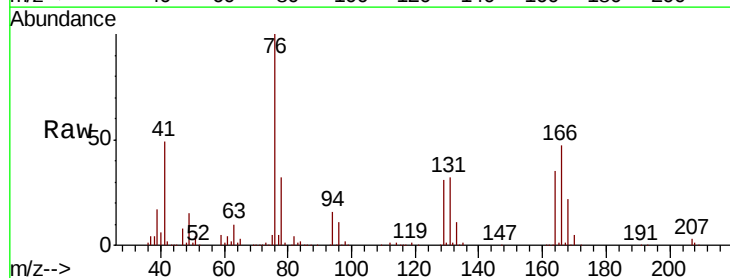


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

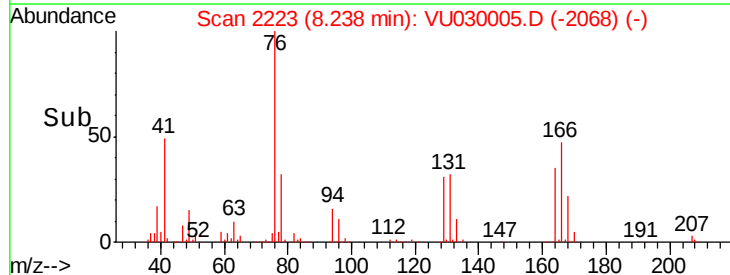
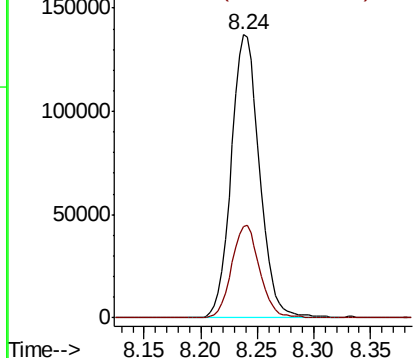


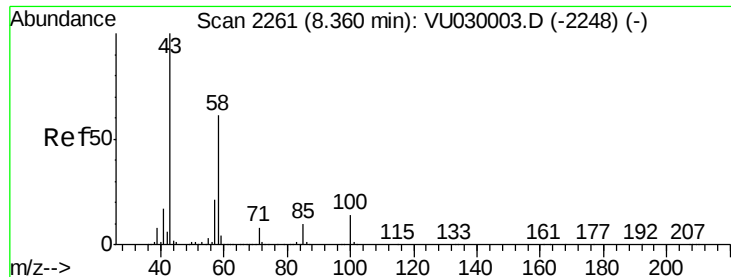
#53
 1,3-Dichloropropane
 Concen: 10.604 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 76 Resp: 239176
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0





#54

2-Hexanone

Concen: 55.260 ug/l

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

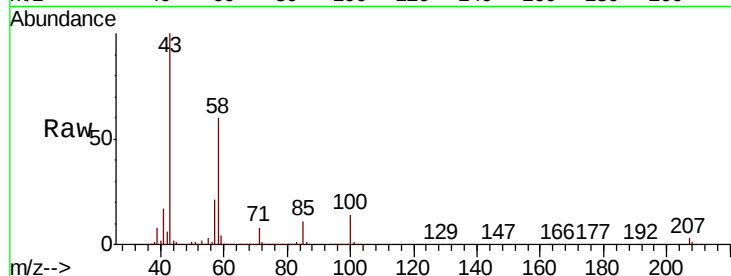
Tgt Ion: 43 Resp: 375252

Ion Ratio Lower Upper

43 100

58 60.3 40.3 80.3

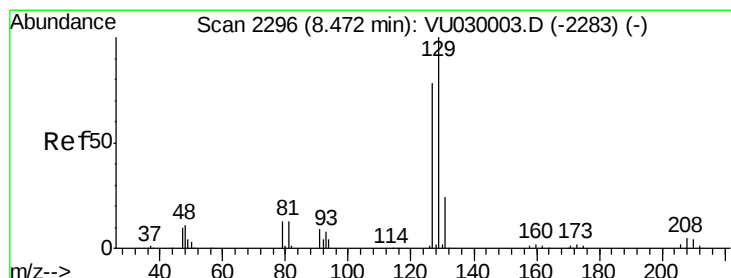
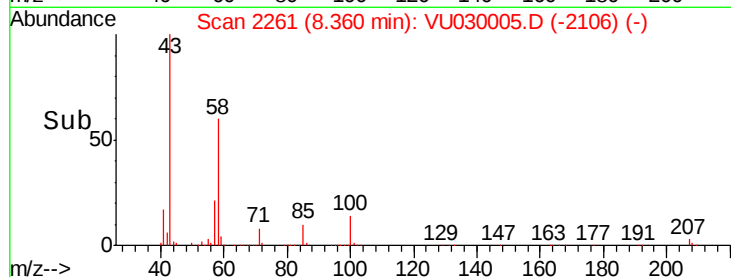
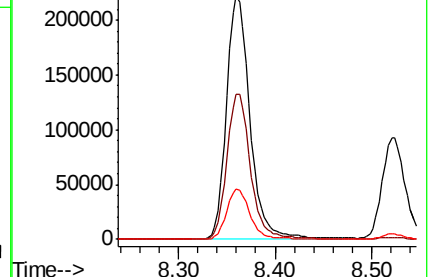
57 20.5 0.6 40.6



Abundance Ion 43.00 (42.70 to 43.70): VU030003.D (-2248) (-)

Ion 58.00 (57.70 to 58.70): VU030003.D (-2248) (-)

Ion 57.00 (56.70 to 57.70): VU030003.D (-2248) (-)



#55

Dibromochloromethane

Concen: 10.717 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU030005.D

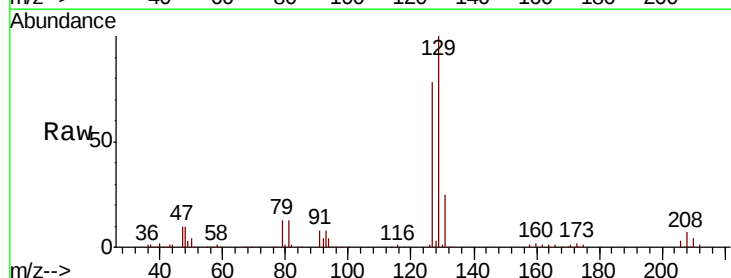
Acq: 12 Mar 2019 12:55

Tgt Ion: 129 Resp: 173867

Ion Ratio Lower Upper

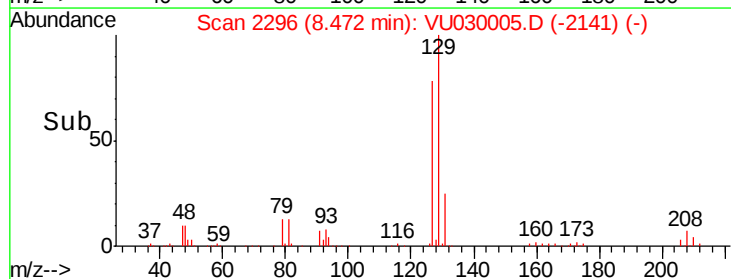
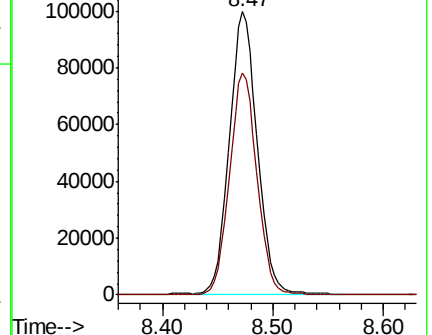
129 100

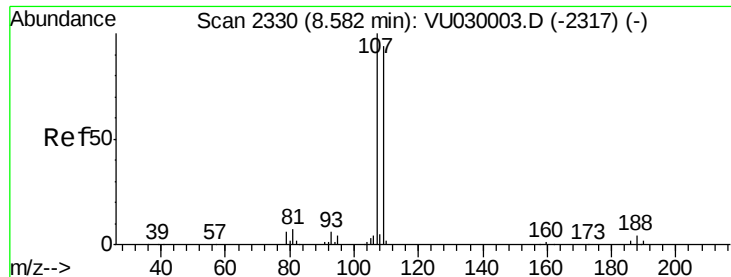
127 77.3 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): VU030003.D (-2283) (-)

Ion 127.00 (126.70 to 127.70): VU030003.D (-2283) (-)





#56

1,2-Dibromoethane

Concen: 10.497 ug/l

RT: 8.58 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

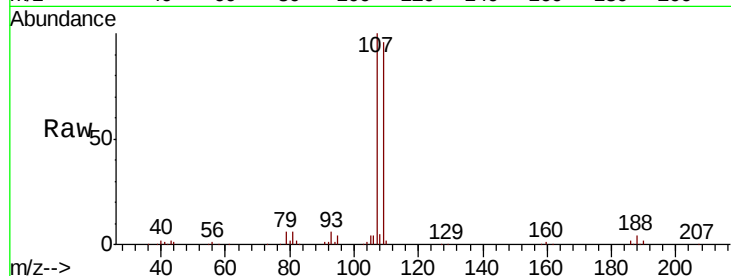
ICVVU031419

Tgt Ion: 107 Resp: 136241

Ion Ratio Lower Upper

107 100

109 96.0 0.0 186.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.58

80000

60000

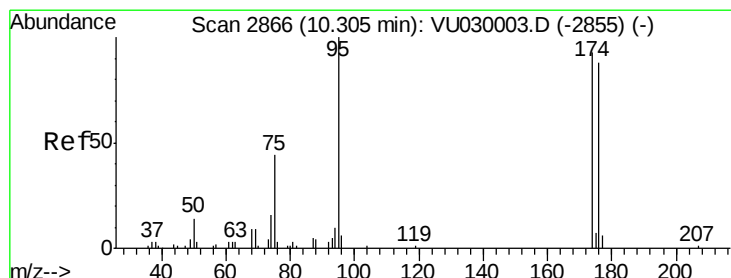
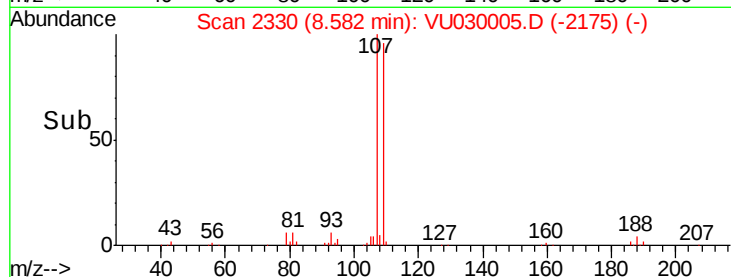
40000

20000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#57

4-Bromofluorobenzene

Concen: 10.497 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

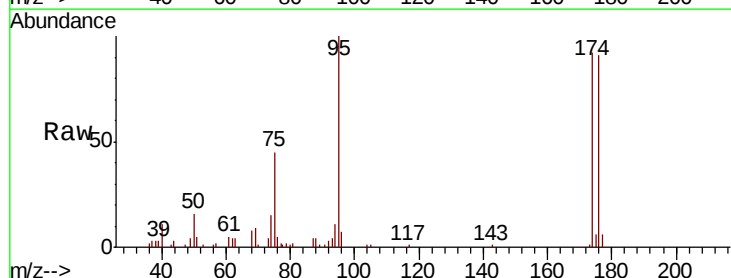
Tgt Ion: 95 Resp: 23273

Ion Ratio Lower Upper

95 100

174 93.6 78.1 117.1

176 91.4 70.8 106.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

20000

15000

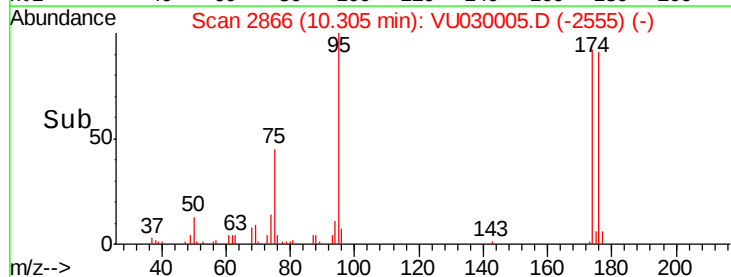
10000

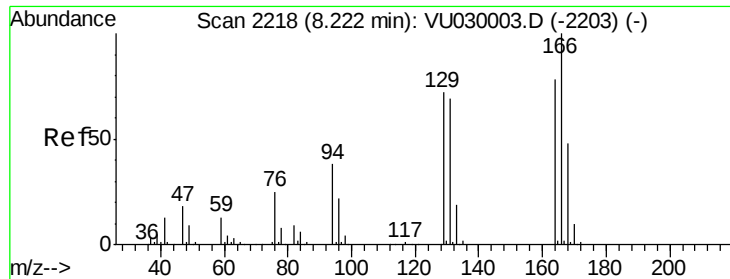
5000

0

10.25 10.30 10.35

Time-->





#58

Tetrachloroethene

Concen: 10.434 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

Tgt Ion:164 Resp: 197940

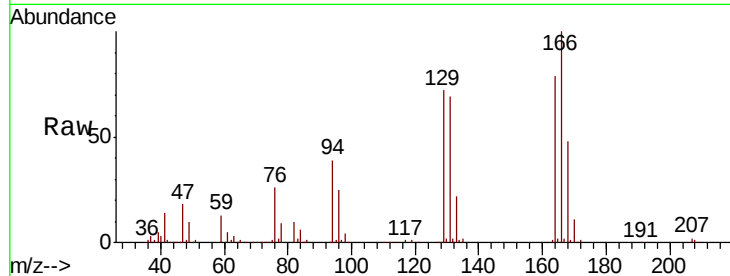
Ion Ratio Lower Upper

164 100

166 127.2 103.2 154.8

129 91.4 74.5 111.7

131 88.3 70.9 106.3

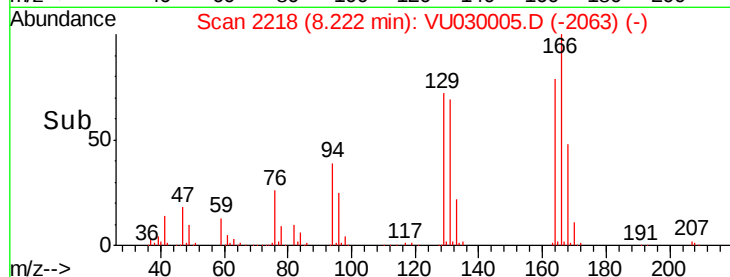


Abundance Ion 163.85 (163.55 to 164.55): V

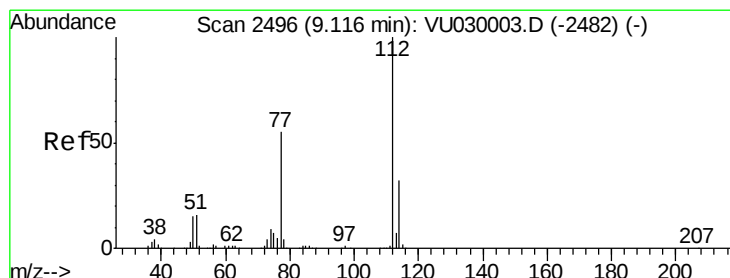
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time--> 8.10 8.20 8.30 8.40



#59

Chlorobenzene

Concen: 10.697 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030005.D

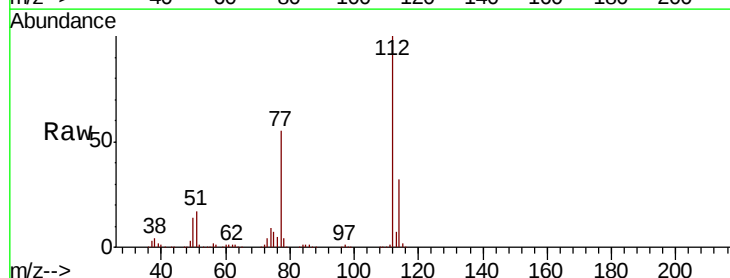
Acq: 12 Mar 2019 12:55

Tgt Ion:112 Resp: 534243

Ion Ratio Lower Upper

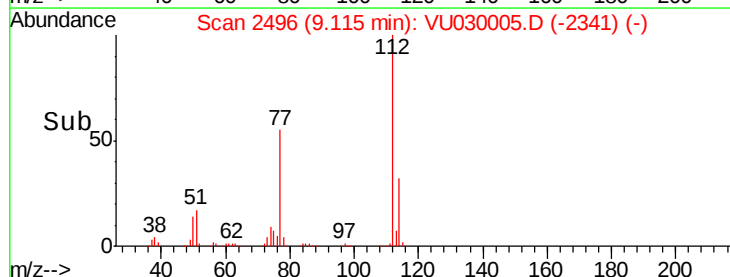
112 100

114 32.3 25.6 38.4

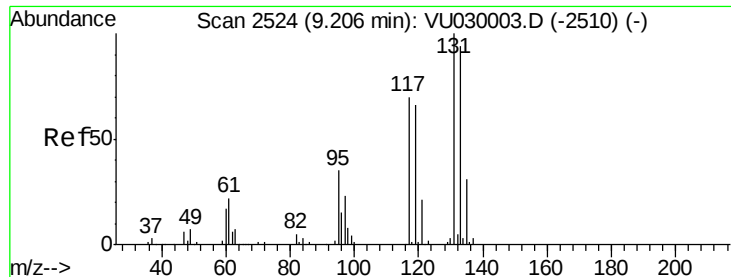


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



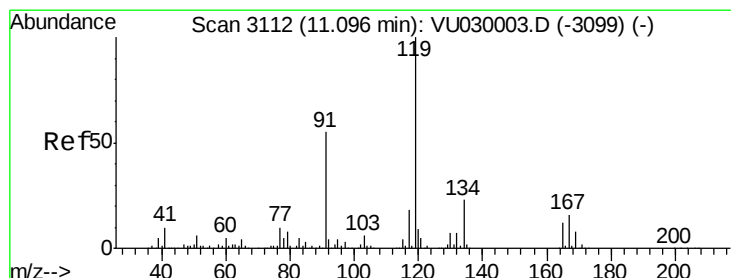
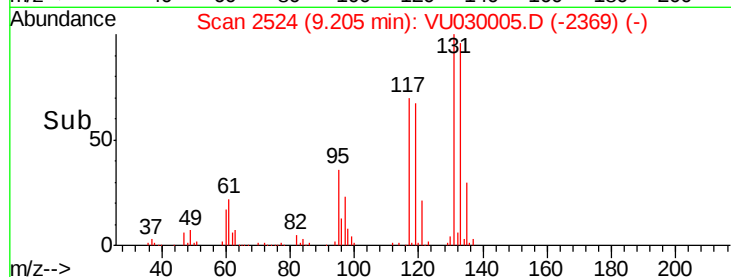
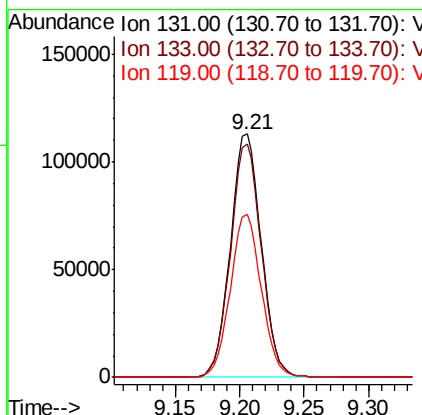
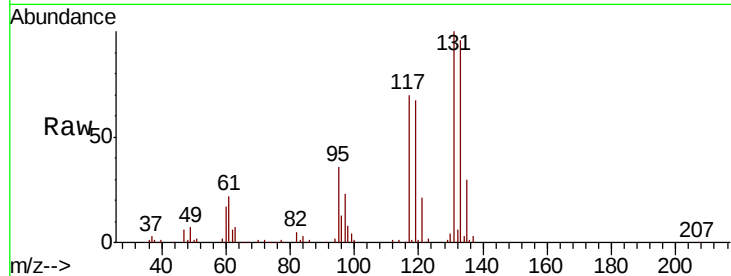
Time--> 9.00 9.10 9.20



#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.639 ug/l
 RT: 9.21 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

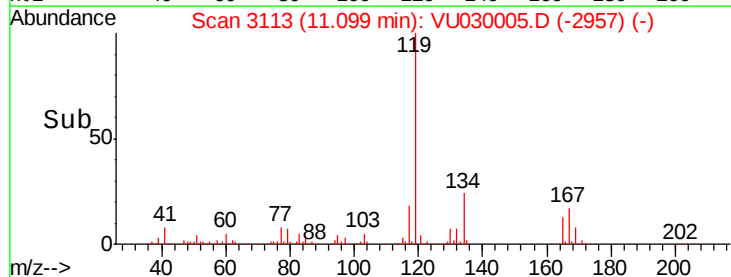
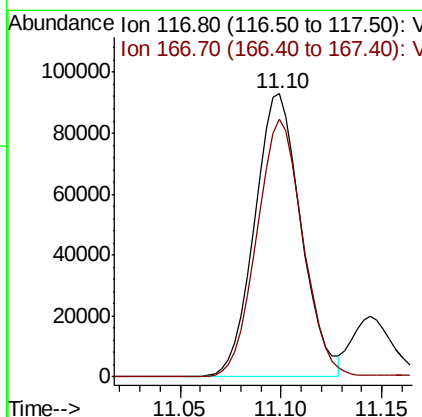
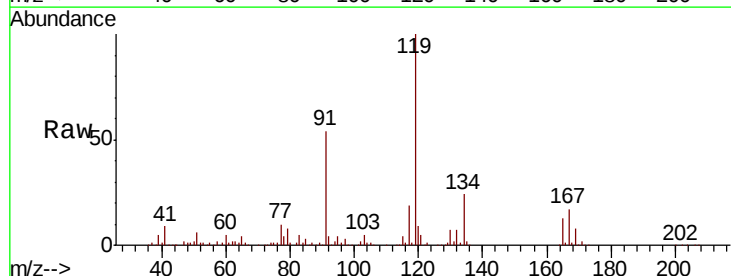
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

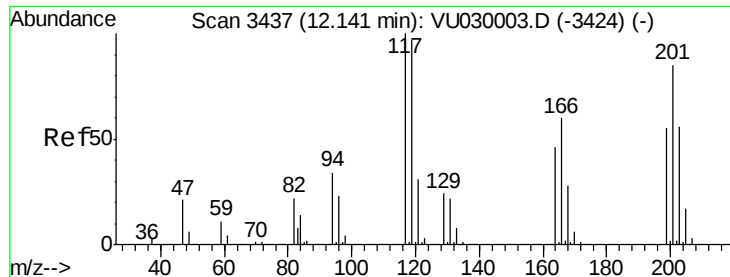
Tgt Ion:131 Resp: 187665
 Ion Ratio Lower Upper
 131 100
 133 96.2 75.6 113.4
 119 67.3 53.3 79.9



#61
 Pentachloroethane
 Concen: 10.977 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion:117 Resp: 149430
 Ion Ratio Lower Upper
 117 100
 167 91.1 73.1 109.7





#62

Hexachloroethane

Concen: 11.162 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

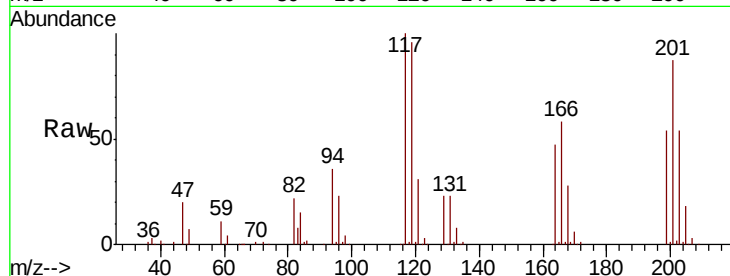
ICVVU031419

Tgt Ion:117 Resp: 153094

Ion Ratio Lower Upper

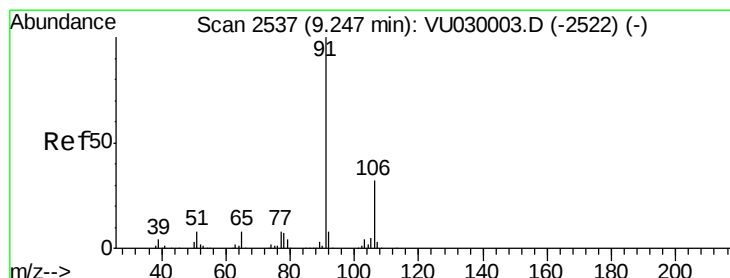
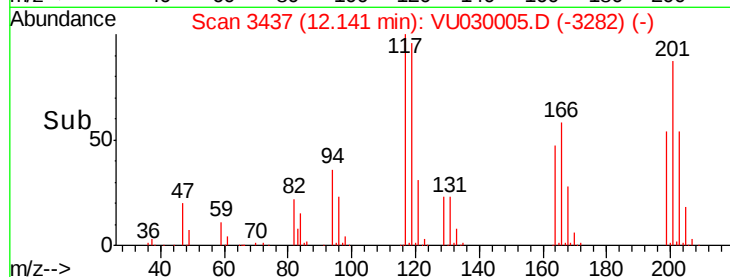
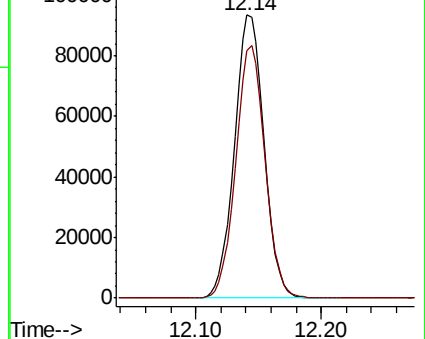
117 100

201 88.1 69.5 104.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 11.131 ug/l

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU030005.D

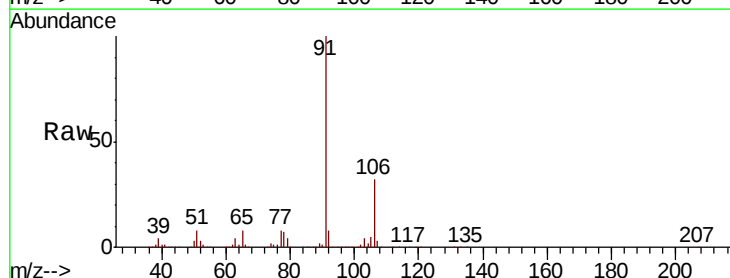
Acq: 12 Mar 2019 12:55

Tgt Ion: 91 Resp: 912936

Ion Ratio Lower Upper

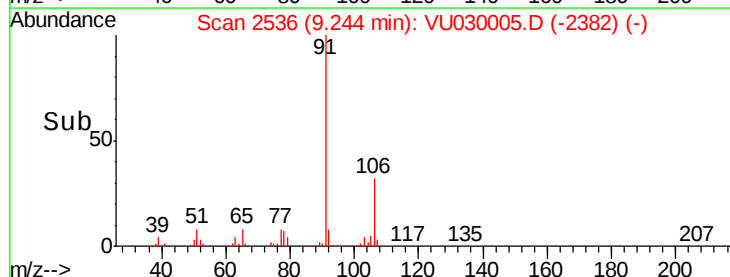
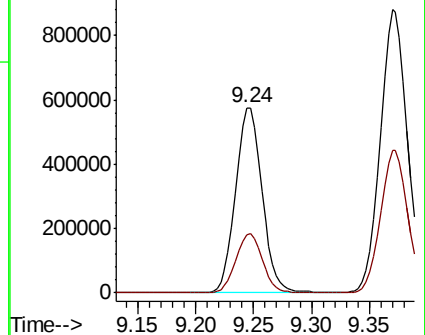
91 100

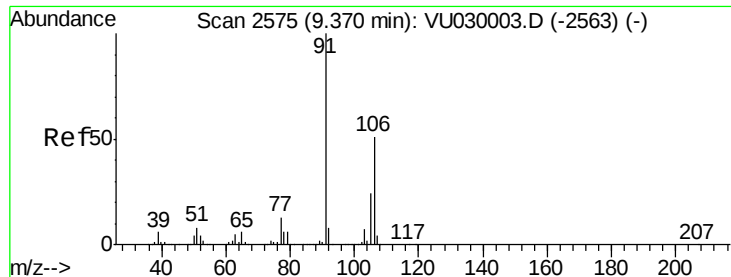
106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 22.745 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

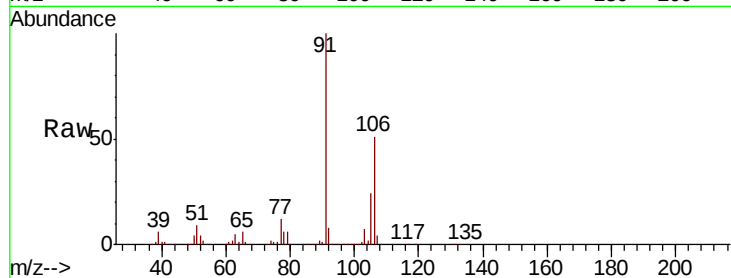
ICVVU031419

Tgt Ion:106 Resp: 733931

Ion Ratio Lower Upper

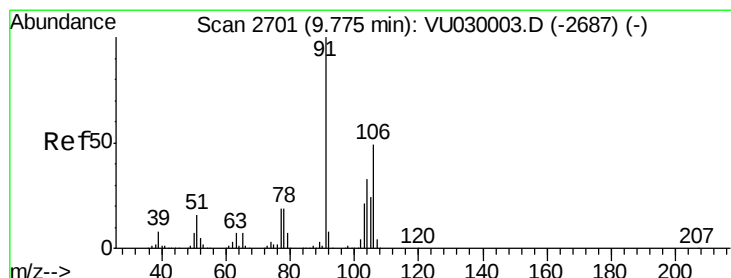
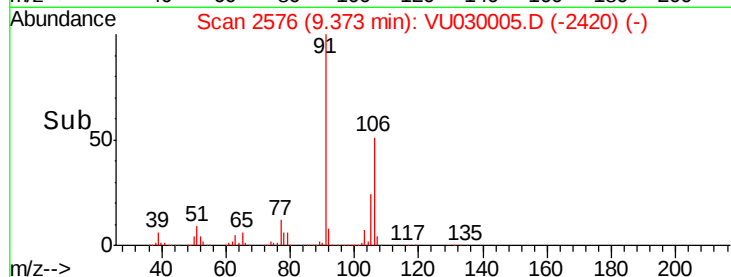
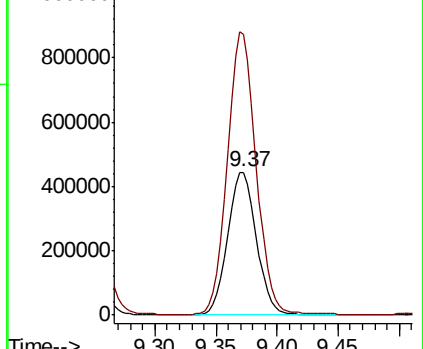
106 100

91 196.7 157.9 236.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 11.022 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU030005.D

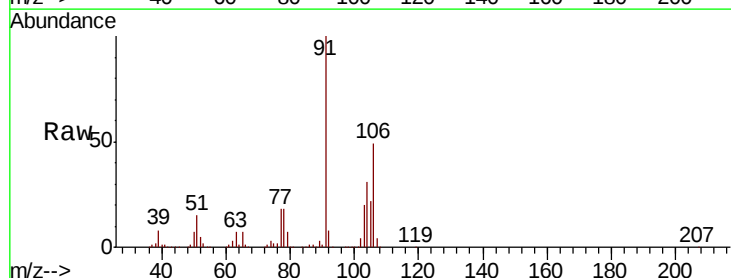
Acq: 12 Mar 2019 12:55

Tgt Ion:106 Resp: 348851

Ion Ratio Lower Upper

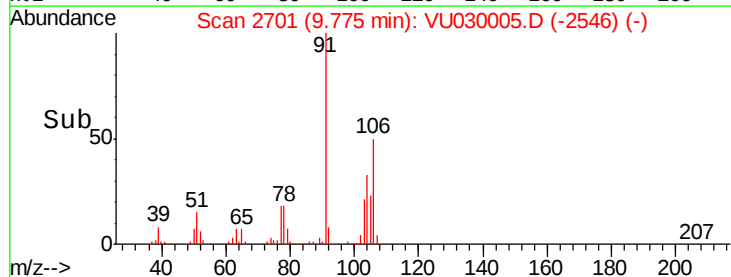
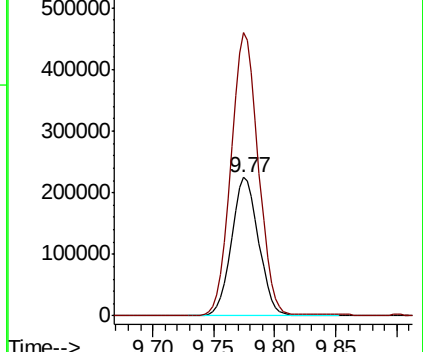
106 100

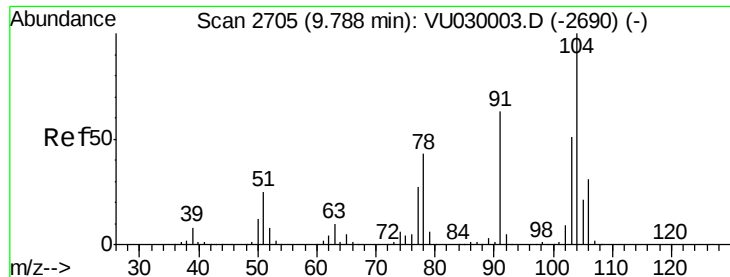
91 205.5 103.2 309.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#66

Styrene

Concen: 11.048 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

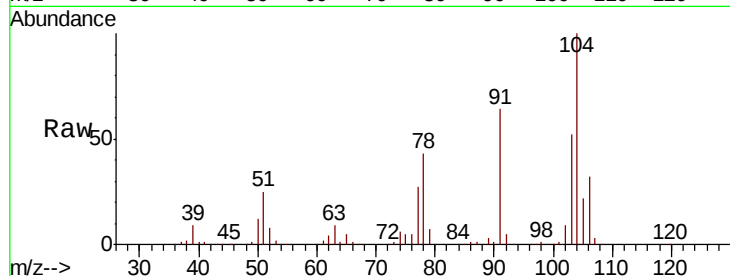
Tgt Ion:104 Resp: 573111

Ion Ratio Lower Upper

104 100

78 46.4 37.0 55.4

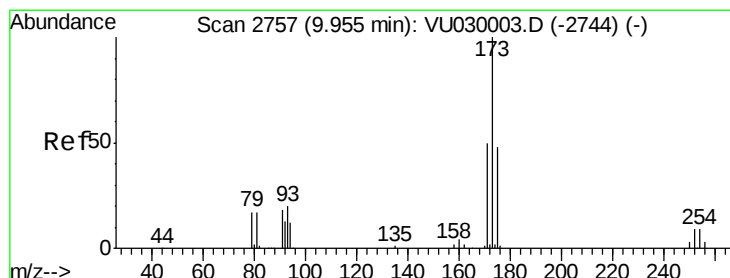
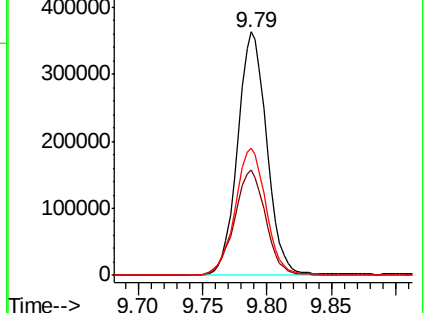
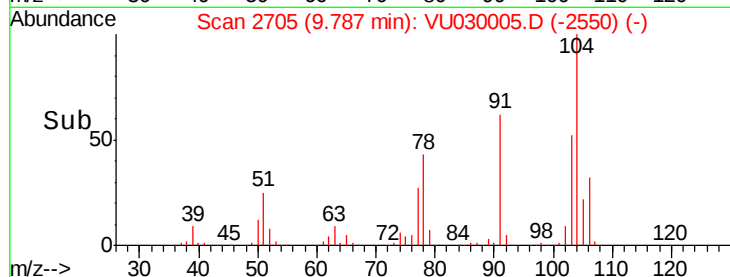
103 55.3 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 11.244 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

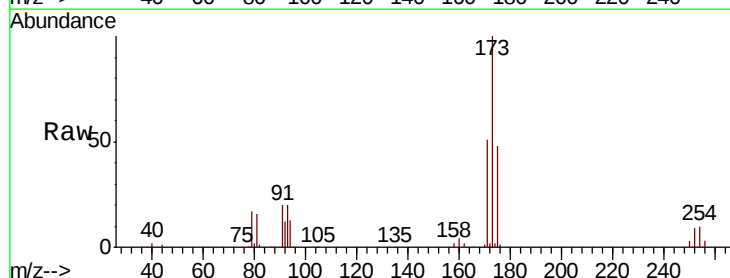
Tgt Ion:173 Resp: 104267

Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.4

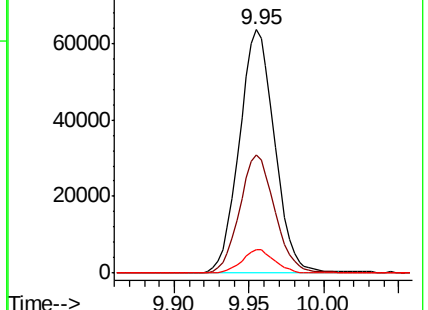
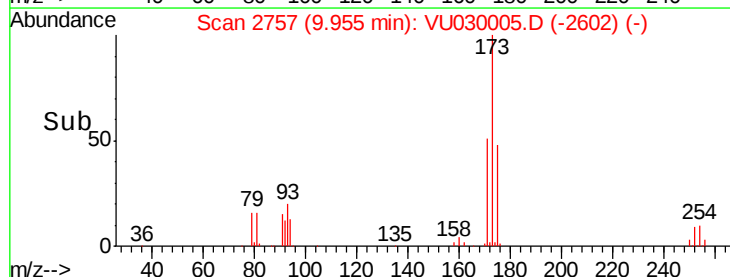
254 9.0 7.0 10.4

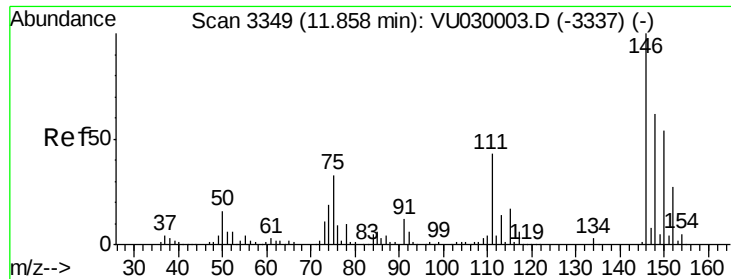


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#68

1,2-Dichlorobenzene-d4

Concen: 11.244 ug/l

RT: 11.85 min Scan# 3348

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

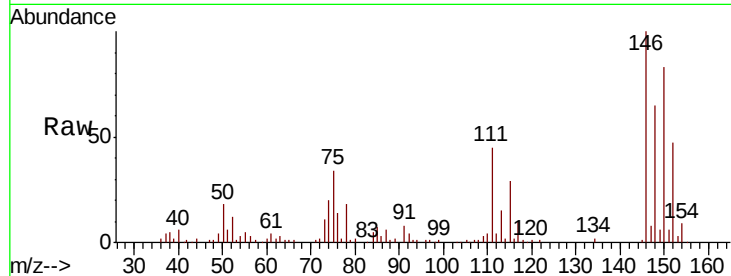
Tgt Ion:152 Resp: 26572

Ion Ratio Lower Upper

152 100

115 58.1 0.0 126.8

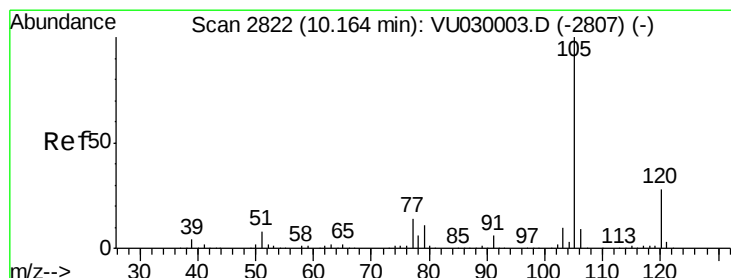
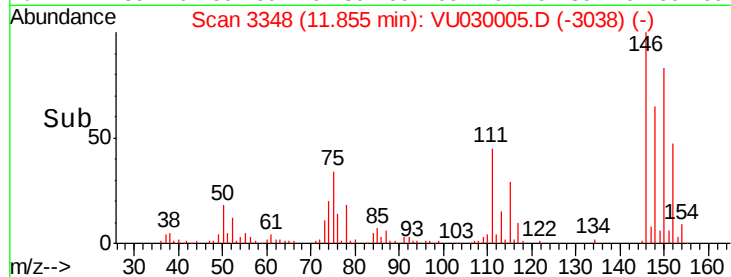
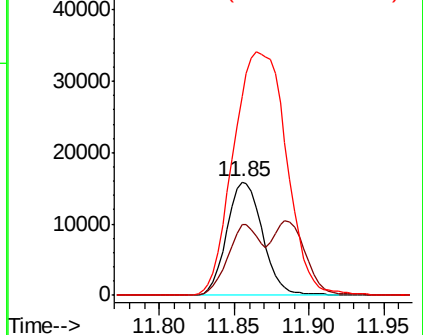
150 317.4 0.0 634.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#69

Isopropylbenzene

Concen: 11.298 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030005.D

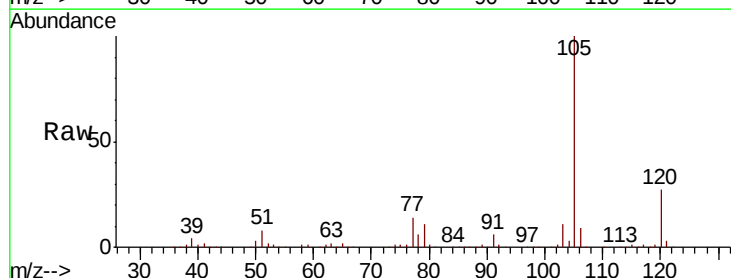
Acq: 12 Mar 2019 12:55

Tgt Ion:105 Resp: 932305

Ion Ratio Lower Upper

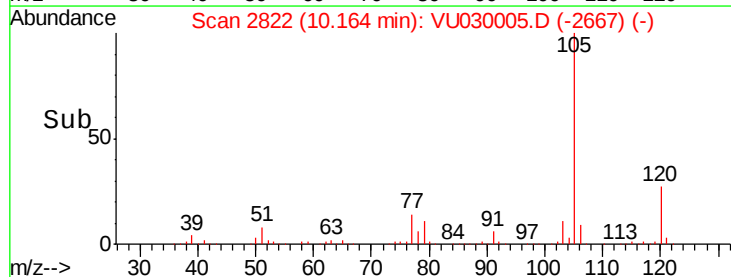
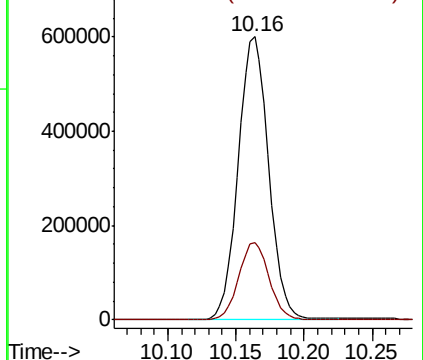
105 100

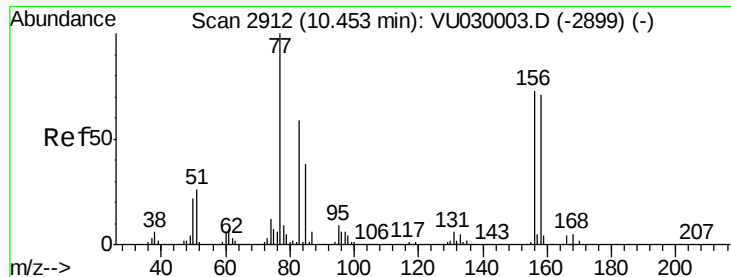
120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 10.322 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

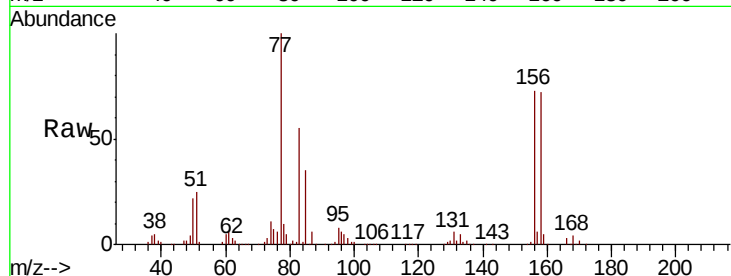
Tgt Ion: 83 Resp: 171566

Ion Ratio Lower Upper

83 100

131 10.4 8.4 12.6

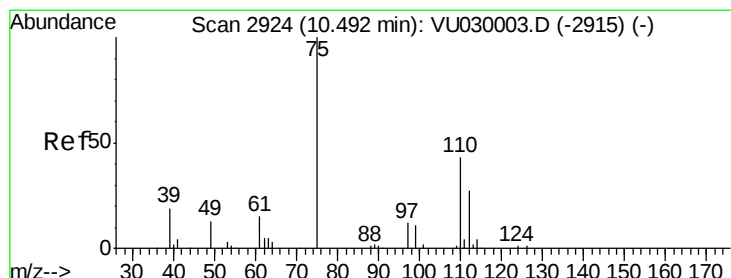
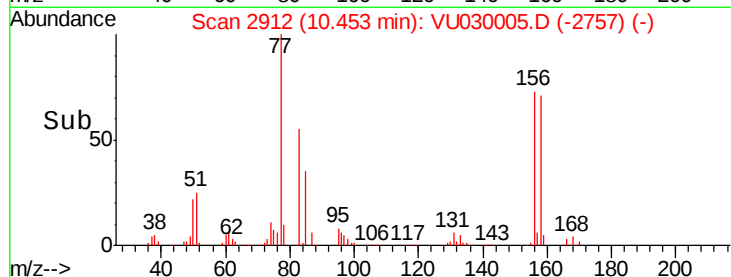
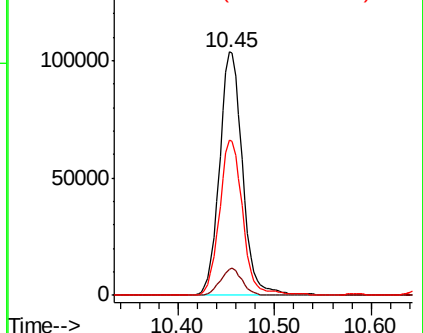
85 64.6 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VU030003.D (-2899) (-)

Ion 131.00 (130.70 to 131.70): VU030003.D (-2899) (-)

Ion 85.00 (84.70 to 85.70): VU030003.D (-2899) (-)



#71

1,2,3-Trichloropropane

Concen: 13.714 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Tgt Ion: 75 Resp: 171366

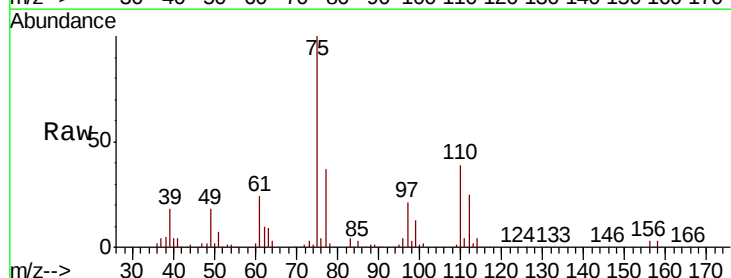
Ion Ratio Lower Upper

75 100

77 31.3 0.0 16.8#

110 27.2 0.0 76.8

97 14.5 0.0 40.8

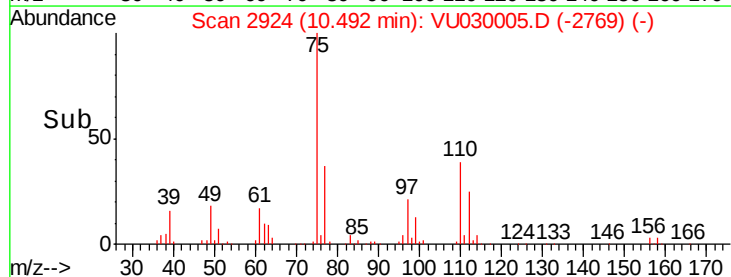
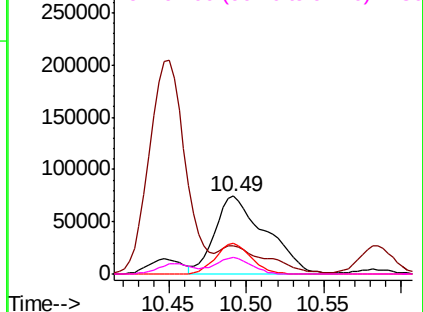


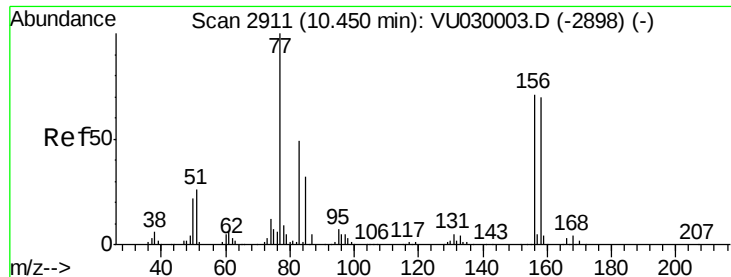
Abundance Ion 75.00 (74.70 to 75.70): VU030003.D (-2915) (-)

Ion 77.00 (76.70 to 77.70): VU030003.D (-2915) (-)

Ion 110.00 (109.70 to 110.70): VU030003.D (-2915) (-)

Ion 97.00 (96.70 to 97.70): VU030003.D (-2915) (-)





#72

Bromobenzene

Concen: 11.110 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

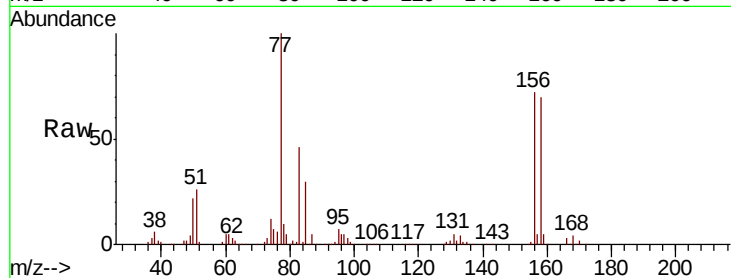
Tgt Ion:156 Resp: 240454

Ion Ratio Lower Upper

156 100

77 139.2 0.0 278.6

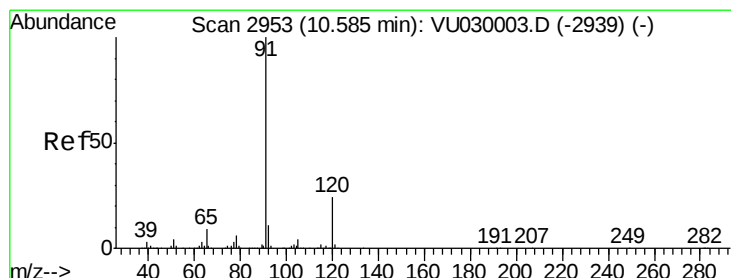
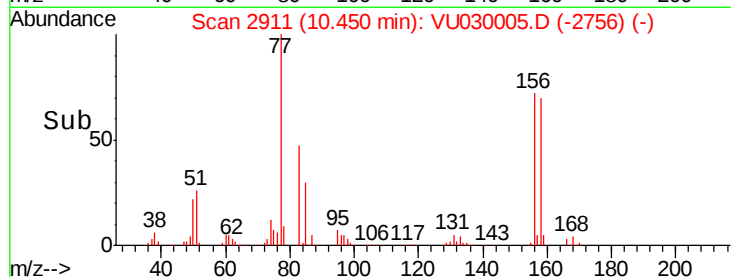
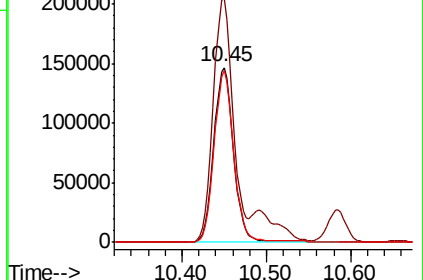
158 96.0 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 11.299 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030005.D

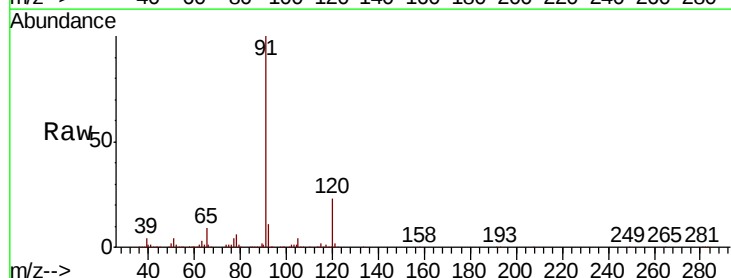
Acq: 12 Mar 2019 12:55

Tgt Ion:120 Resp: 264513

Ion Ratio Lower Upper

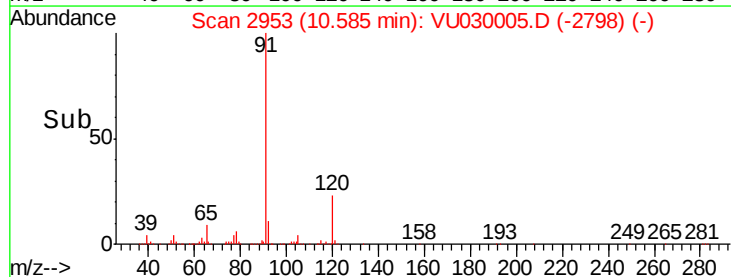
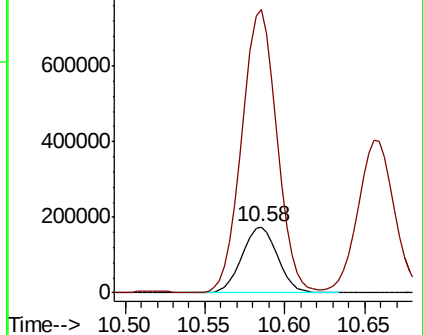
120 100

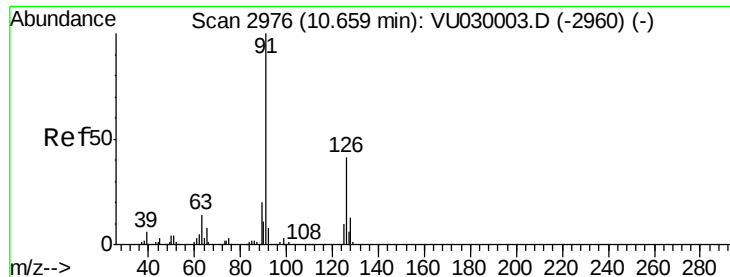
91 422.7 335.4 503.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 11.070 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

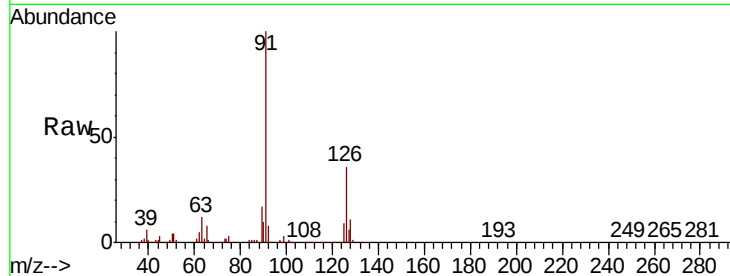
ICVVU031419

Tgt Ion:126 Resp: 226958

Ion Ratio Lower Upper

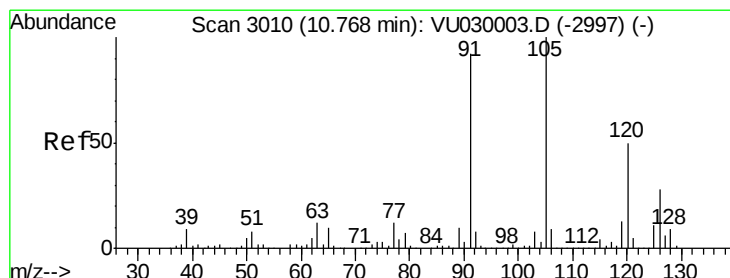
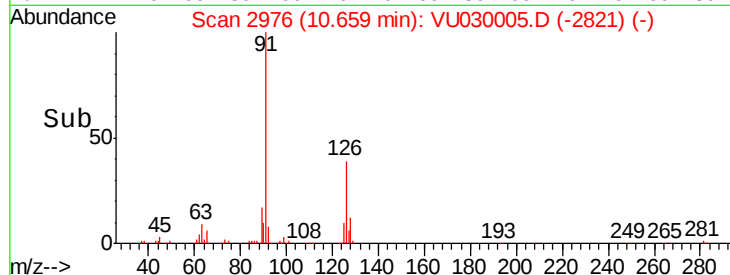
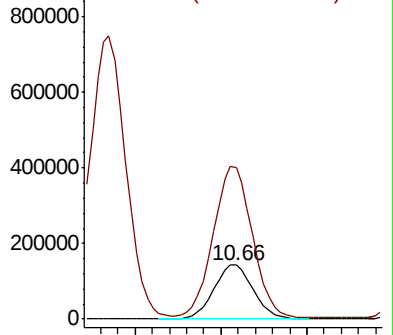
126 100

91 279.3 0.0 561.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.540 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030005.D

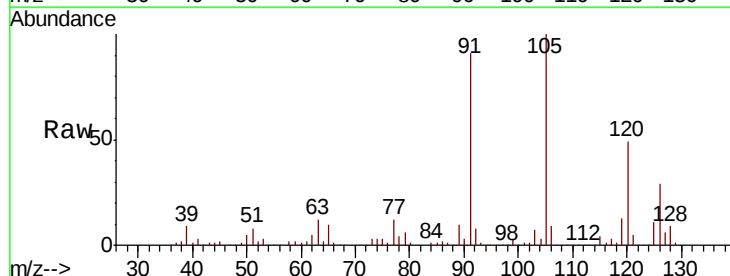
Acq: 12 Mar 2019 12:55

Tgt Ion:105 Resp: 811299

Ion Ratio Lower Upper

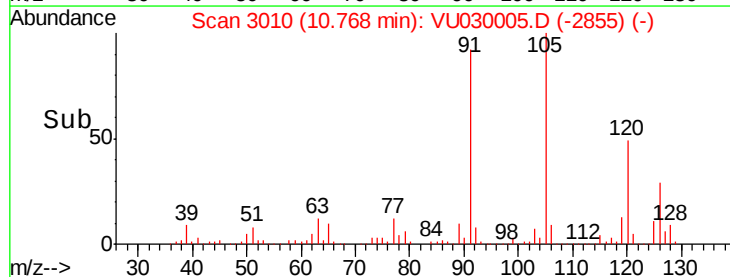
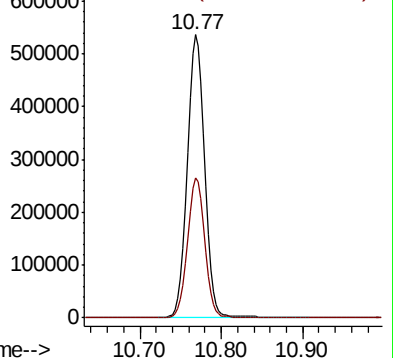
105 100

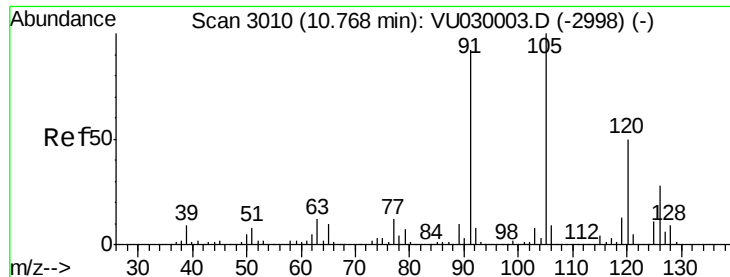
120 49.2 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

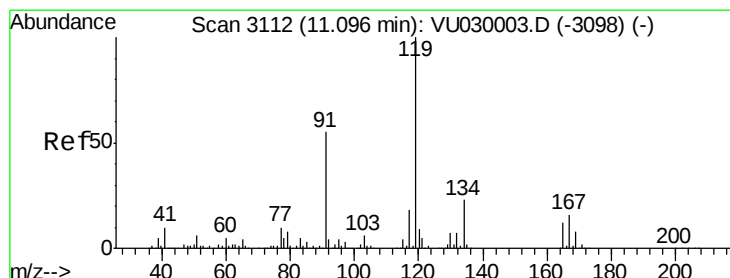
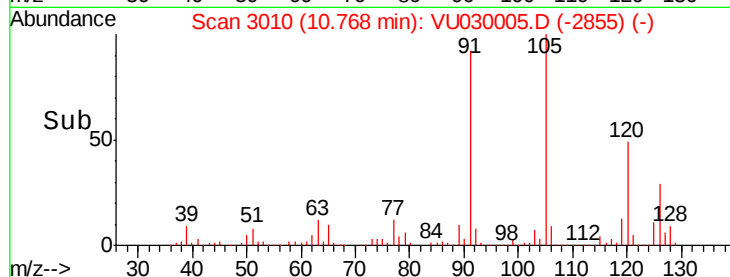
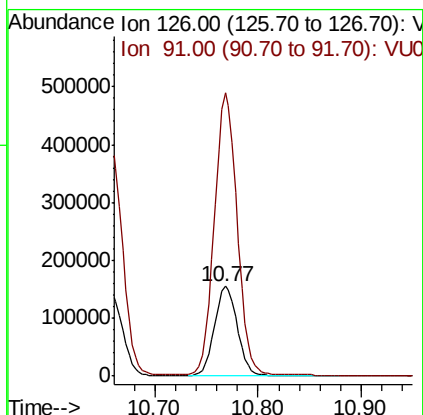
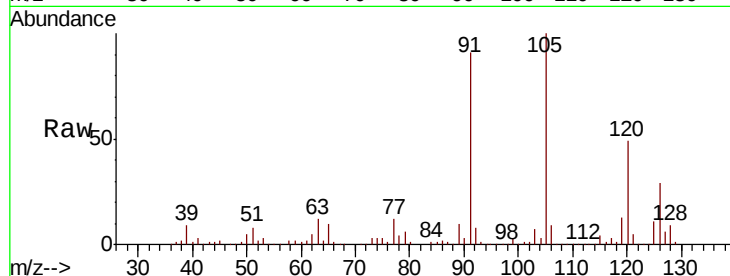




#76
4-Chlorotoluene
Concen: 11.578 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

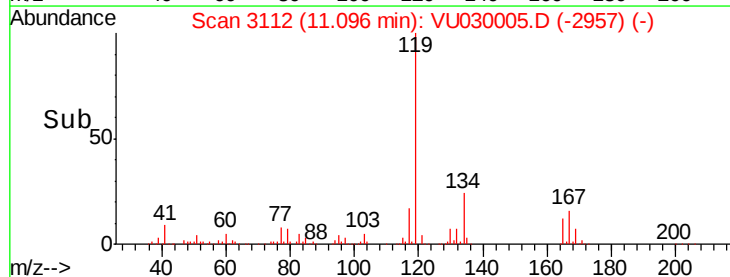
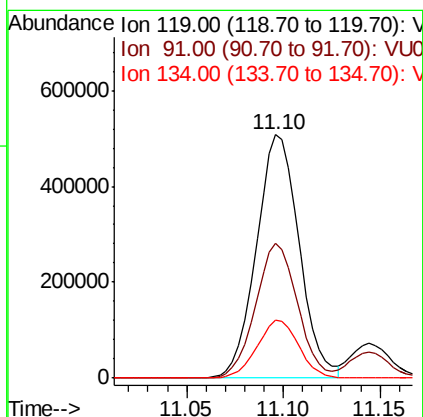
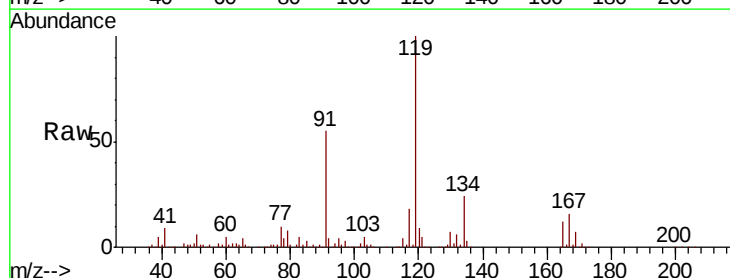
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

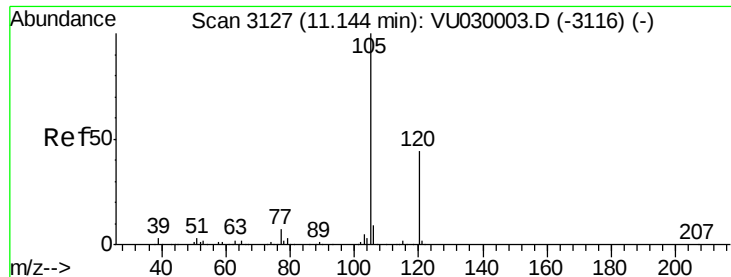
Tgt Ion:126 Resp: 242297
Ion Ratio Lower Upper
126 100
91 303.6 0.0 641.8



#77
tert-Butylbenzene
Concen: 11.384 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion:119 Resp: 783427
Ion Ratio Lower Upper
119 100
91 54.1 27.6 82.8
134 23.5 18.7 28.1

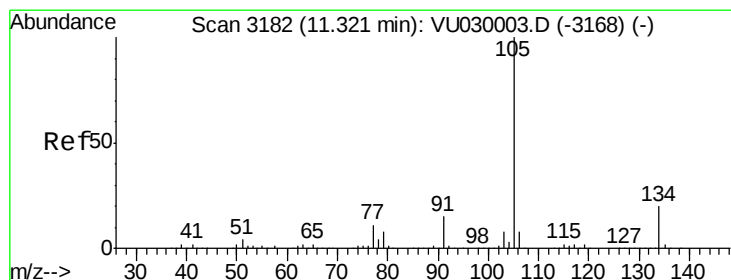
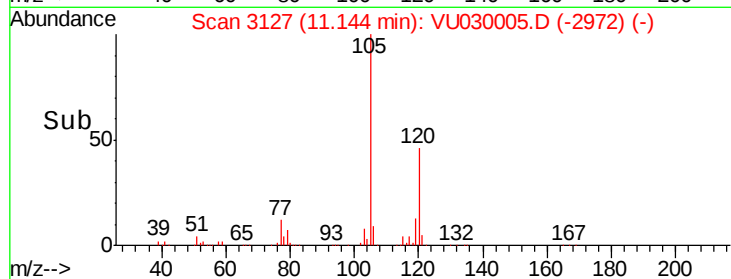
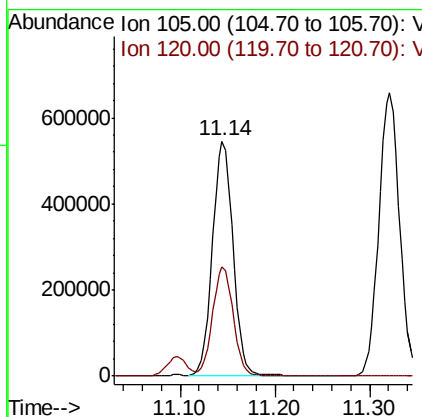
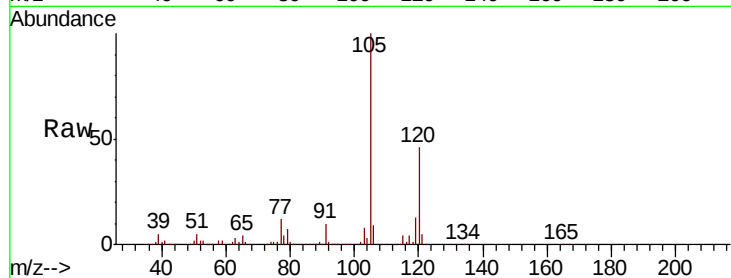




#78
 1,2,4-Trimethylbenzene
 Concen: 11.579 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

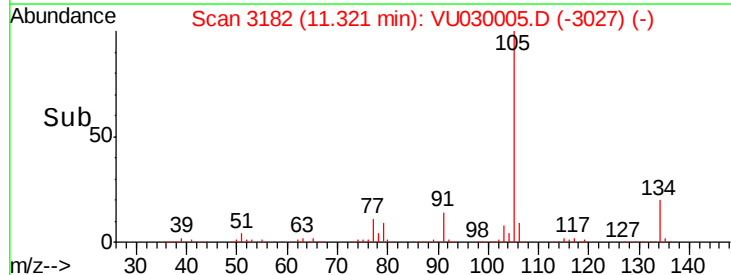
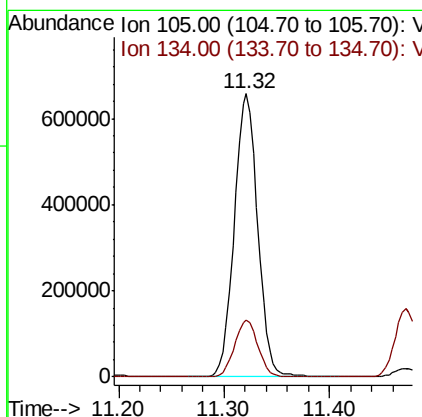
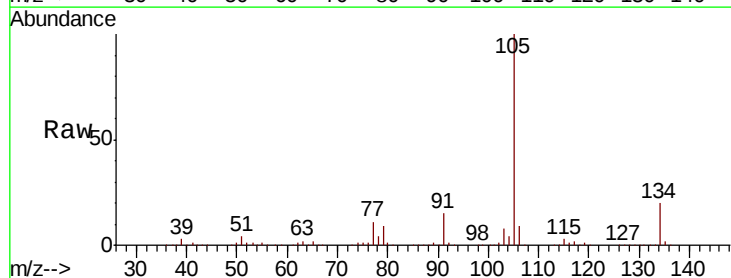
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

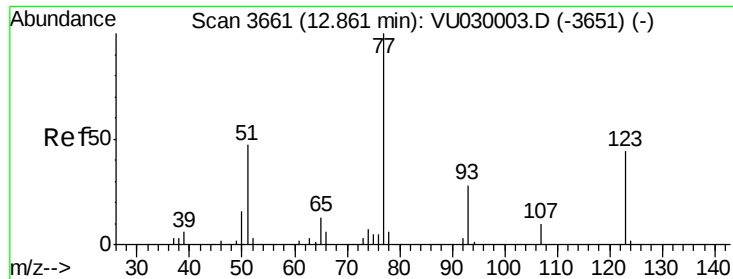
Tgt Ion:105 Resp: 827891
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6



#79
 sec-Butylbenzene
 Concen: 10.927 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion:105 Resp: 1007363
 Ion Ratio Lower Upper
 105 100
 134 20.2 16.1 24.1

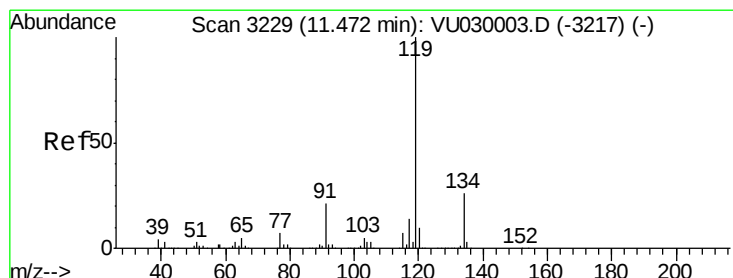
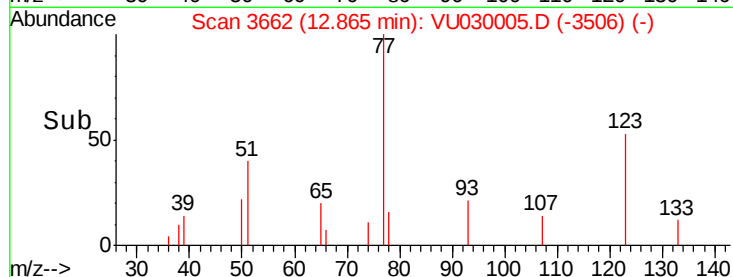
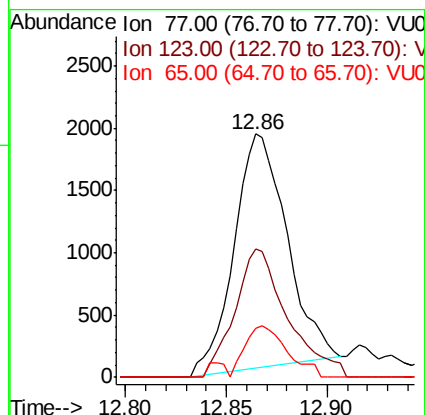
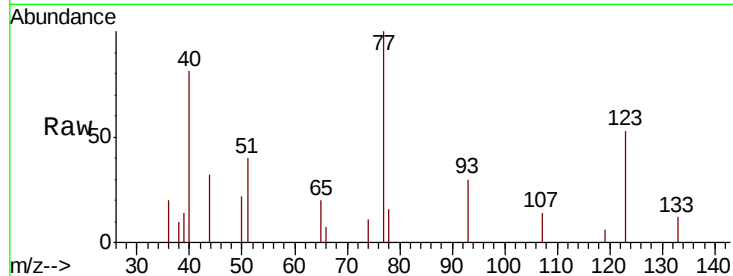




#80
 Nitrobenzene
 Concen: 11.670 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

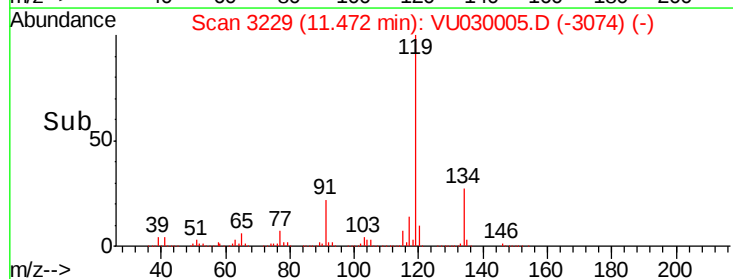
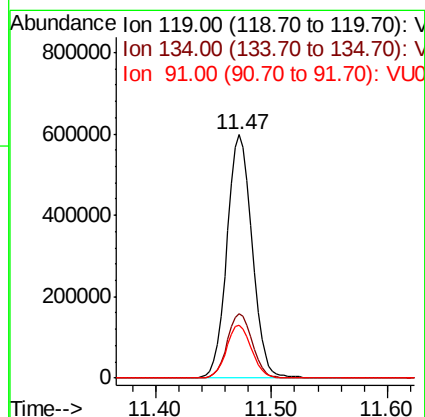
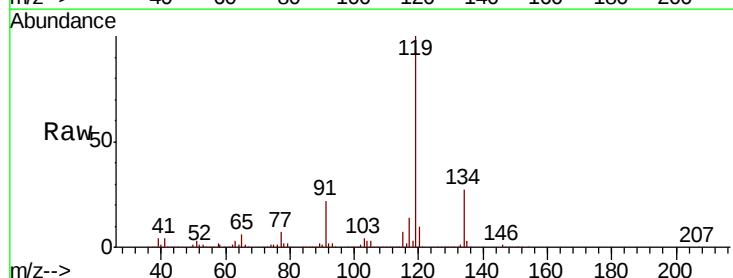
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

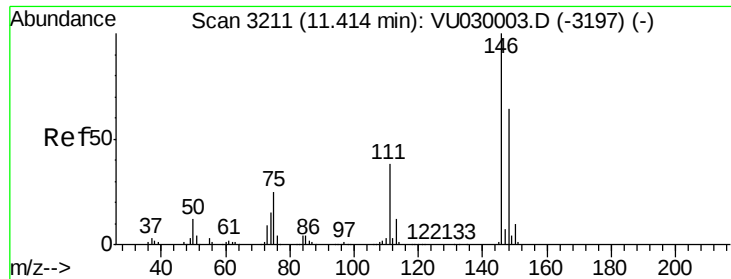
Tgt Ion: 77 Resp: 3465
 Ion Ratio Lower Upper
 77 100
 123 54.1 19.9 70.5
 65 0.0 10.8 13.8#



#81
 p-Isopropyltoluene
 Concen: 11.588 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Tgt Ion: 119 Resp: 896035
 Ion Ratio Lower Upper
 119 100
 134 26.5 21.2 31.8
 91 21.7 17.0 25.6





#82

1,3-Dichlorobenzene

Concen: 10.747 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

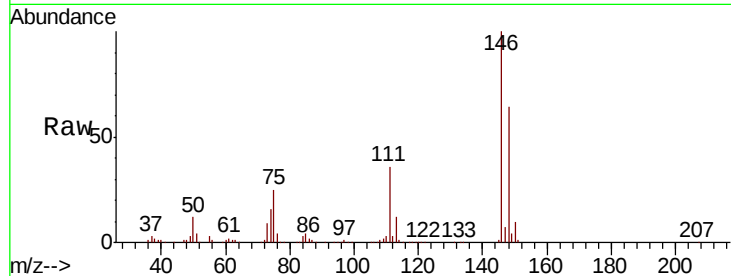
Tgt Ion:146 Resp: 469722

Ion Ratio Lower Upper

146 100

111 37.1 30.3 45.5

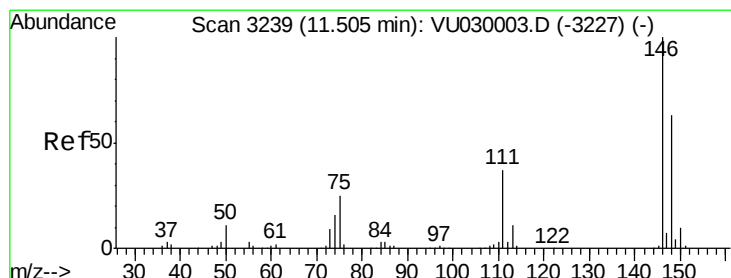
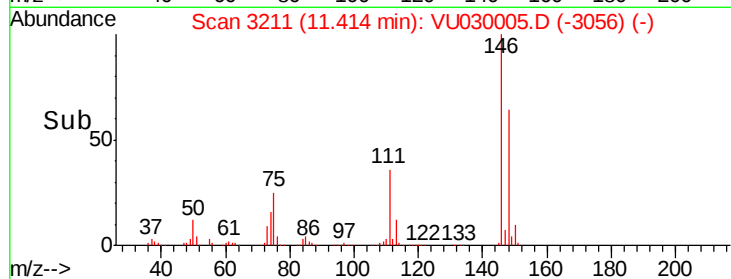
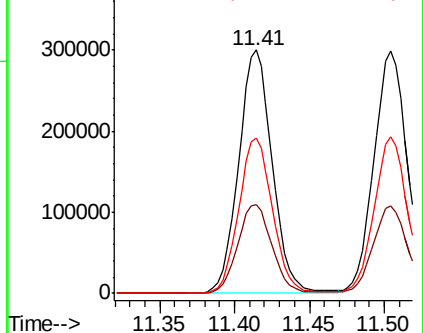
148 64.0 51.1 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 10.726 ug/l

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

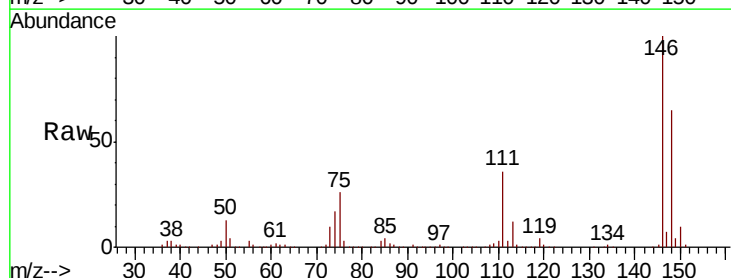
Tgt Ion:146 Resp: 471260

Ion Ratio Lower Upper

146 100

111 36.7 29.3 43.9

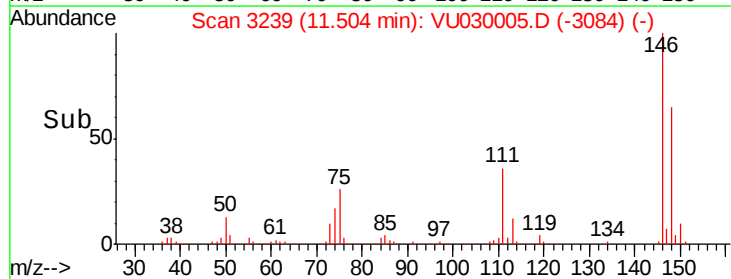
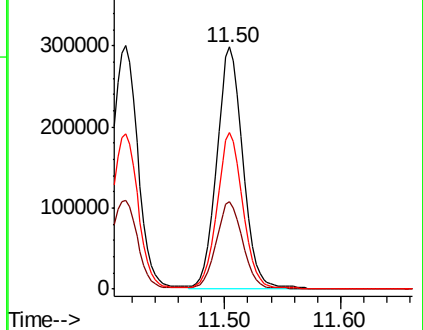
148 64.2 50.6 76.0

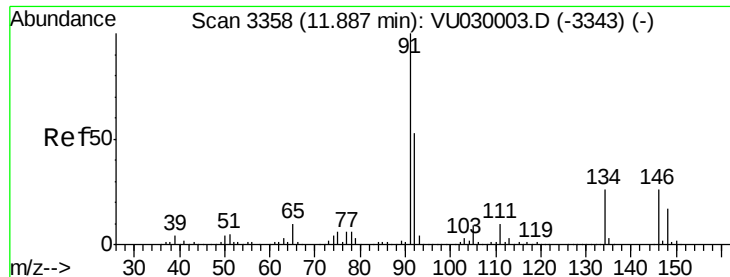


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

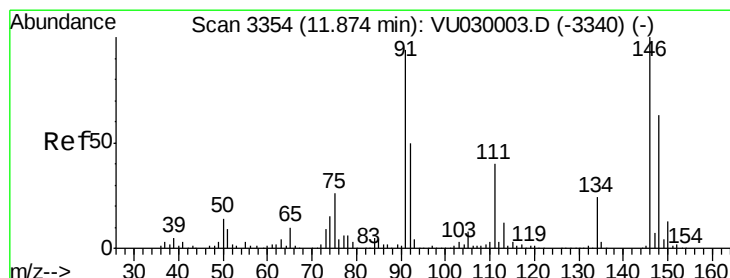
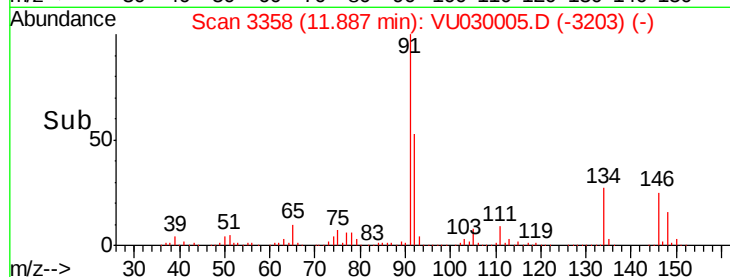
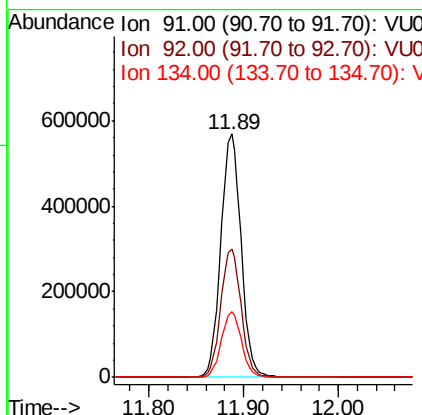
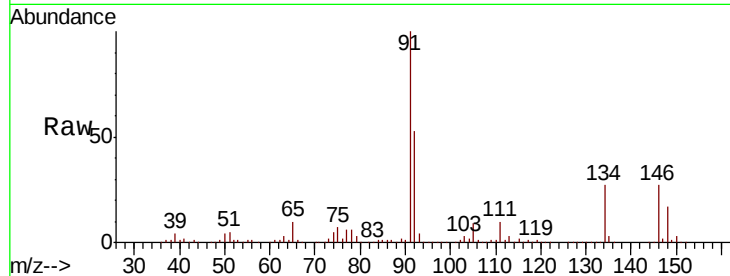




#84
n-Butylbenzene
Concen: 11.713 ug/l
RT: 11.89 min Scan# 3358
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

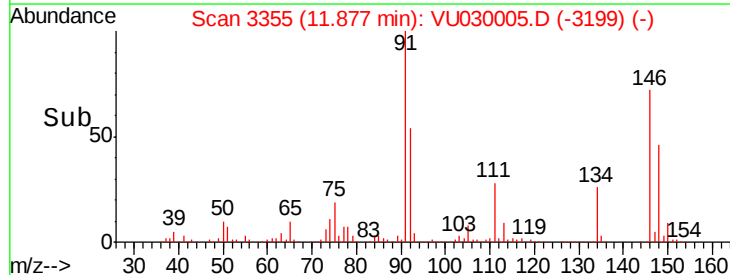
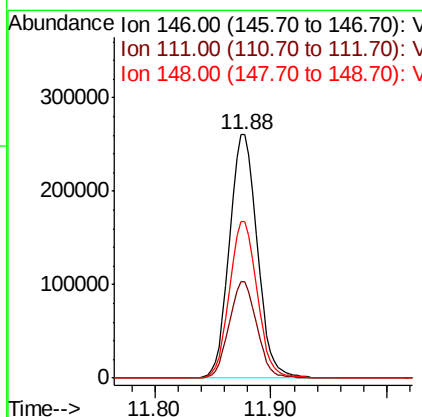
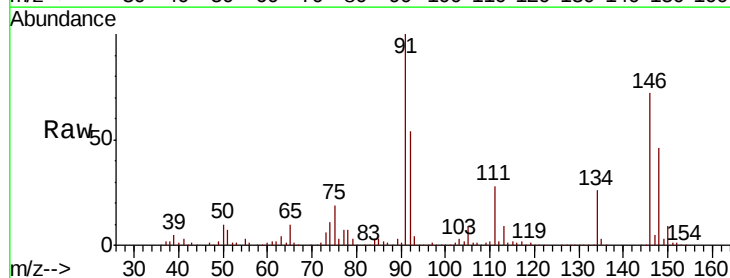
Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

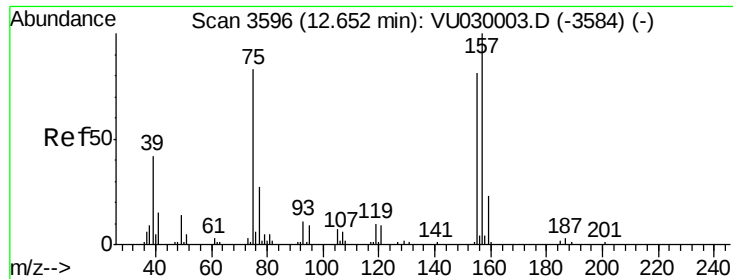
Tgt Ion: 91 Resp: 846032
Ion Ratio Lower Upper
91 100
92 53.2 42.4 63.6
134 26.8 21.4 32.0



#85
1,2-Dichlorobenzene
Concen: 10.600 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion: 146 Resp: 431211
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 64.3 31.7 95.1





#86

1,2-Dibromo-3-Chloropropane

Concen: 11.240 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

Instrument :

MSVOA_U

ClientSampleId :

ICVVU031419

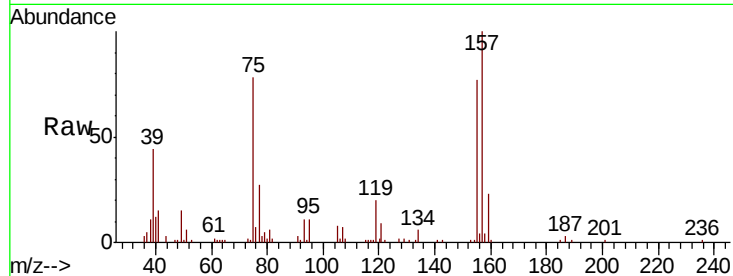
Tgt Ion: 75 Resp: 26913

Ion Ratio Lower Upper

75 100

155 95.4 78.2 117.4

157 125.8 97.2 145.8

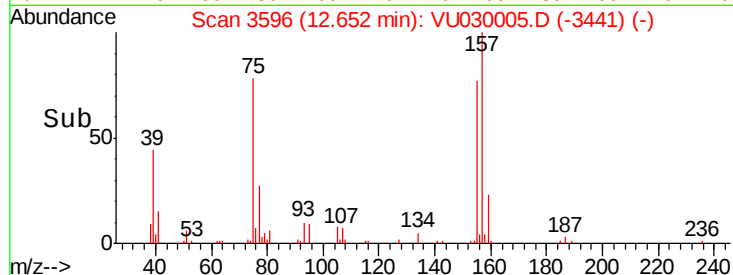


Abundance Ion 75.00 (74.70 to 75.70): VU030003.D (-3584) (-)

Ion 155.00 (154.70 to 155.70): VU030003.D (-3584) (-)

Ion 157.00 (156.70 to 157.70): VU030003.D (-3584) (-)

Time-->



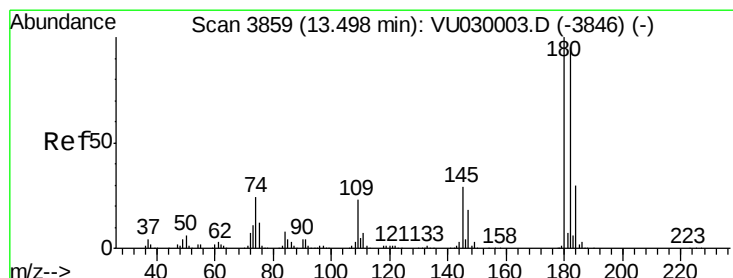
Abundance

Ion 75.00 (74.70 to 75.70): VU030005.D (-3441) (-)

Ion 155.00 (154.70 to 155.70): VU030005.D (-3441) (-)

Ion 157.00 (156.70 to 157.70): VU030005.D (-3441) (-)

Time-->



#87

1,2,4-Trichlorobenzene

Concen: 11.812 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU030005.D

Acq: 12 Mar 2019 12:55

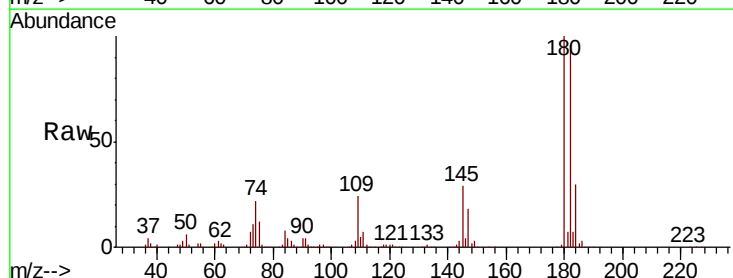
Tgt Ion: 180 Resp: 346773

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 28.9 23.0 34.6

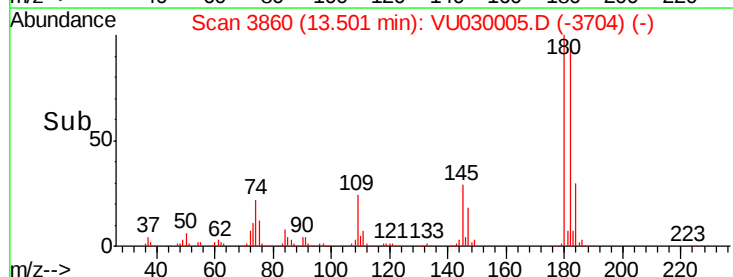


Abundance Ion 179.70 (179.40 to 180.40): VU030003.D (-3846) (-)

Ion 181.80 (181.50 to 182.50): VU030003.D (-3846) (-)

Ion 144.80 (144.50 to 145.50): VU030003.D (-3846) (-)

Time-->



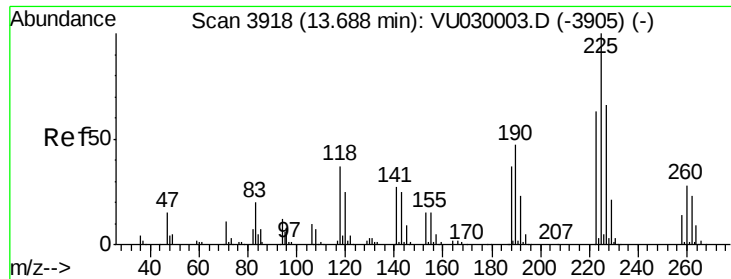
Abundance

Ion 179.70 (179.40 to 180.40): VU030005.D (-3704) (-)

Ion 181.80 (181.50 to 182.50): VU030005.D (-3704) (-)

Ion 144.80 (144.50 to 145.50): VU030005.D (-3704) (-)

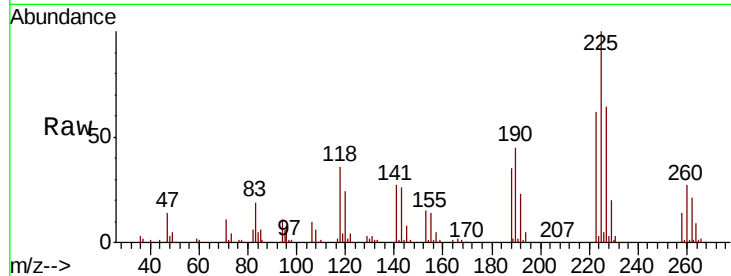
Time-->



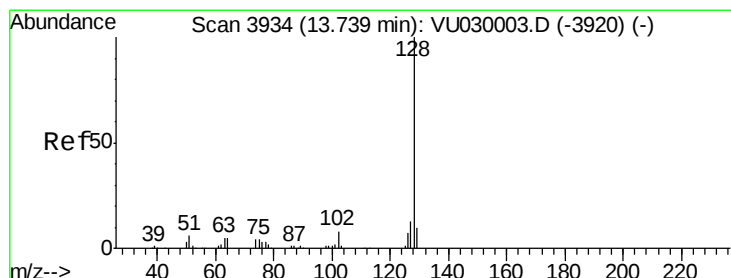
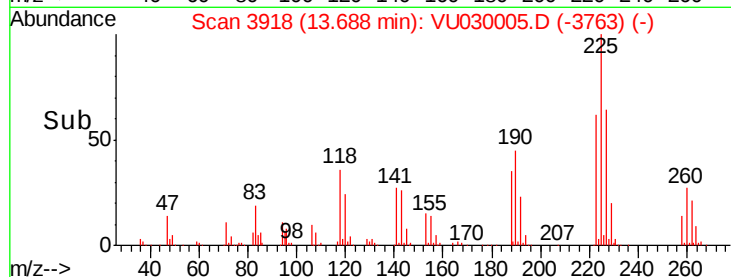
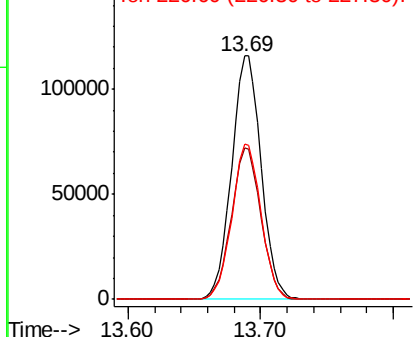
#88
Hexachlorobutadiene
Concen: 11.239 ug/l
RT: 13.69 min Scan# 3918
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

Tgt Ion:225 Resp: 178833
Ion Ratio Lower Upper
225 100
223 62.5 50.7 76.1
227 62.9 52.6 78.8

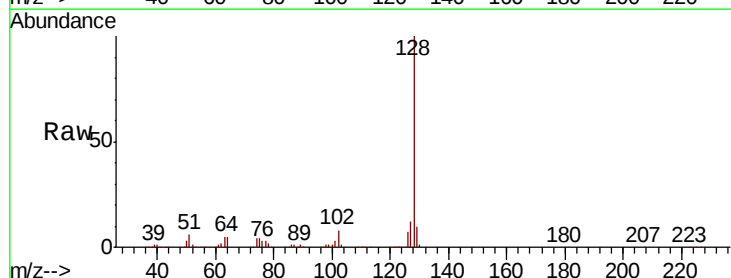


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

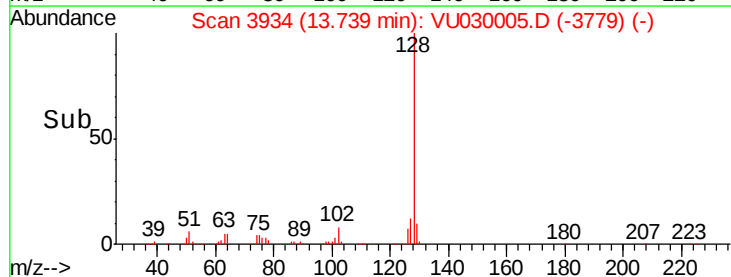
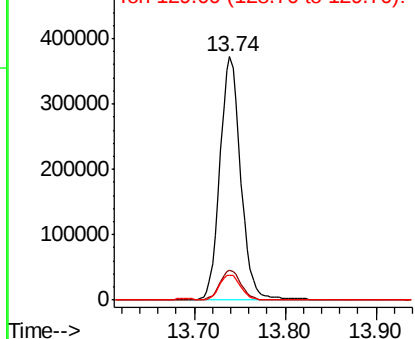


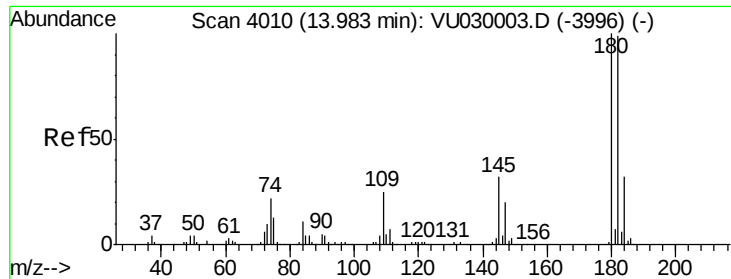
#89
Naphthalene
Concen: 12.916 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU030005.D
Acq: 12 Mar 2019 12:55

Tgt Ion:128 Resp: 594208
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.5 12.7



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

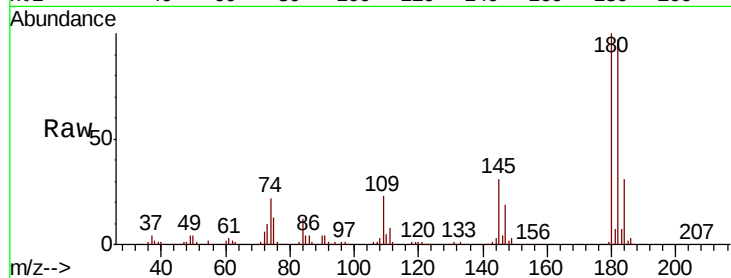




#90
 1,2,3-Trichlorobenzene
 Concen: 11.615 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. -0.00 min
 Lab File: VU030005.D
 Acq: 12 Mar 2019 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.2	77.6	116.4
145	30.8	24.7	37.1



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

