

Data File : VU029323.D
Acq On : 30 Jan 2019 18:29
Operator : JC/SP
Sample : VU0130WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

Quant Time: Jan 31 06:27:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.73	96	7554	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	2774	0.94	ug/l	0.00
Spiked Amount	1.000		Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3094	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	6968	1.999	ug/l	93
3) Chloromethane	1.32	50	5435	1.926	ug/l	96
4) Vinyl Chloride	1.39	62	5640	1.938	ug/l	94
5) Bromomethane	1.62	94	3737	2.049	ug/l	94
6) Chloroethane	1.69	64	4481	2.198	ug/l	96
7) Trichlorofluoromethane	1.88	101	11084	2.056	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4718	2.093	ug/l	98
9) 1,1-Dichloroethene	2.28	96	4423	2.119	ug/l	97
10) Iodomethane	2.40	142	3196	1.818	ug/l	100
11) Allyl Chloride	2.58	41	10365	2.100	ug/l	99
12) Acrylonitrile	2.93	53	2731	4.348	ug/l	96
13) Acetone	2.31	43	7359	9.463	ug/l	99
14) Carbon Disulfide	2.47	76	14979	1.992	ug/l	99
15) Methylene Chloride	2.69	84	5320	1.930	ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	4754	2.026	ug/l	97
17) 1,1-Dichloroethane	3.43	63	9809	1.933	ug/l	100
18) 2-Butanone	4.27	43	7613	9.535	ug/l	97
19) Cyclohexane	4.98	56	5913	1.839	ug/l	95
20) Methylcyclohexane	6.41	83	6596	1.918	ug/l	94
21) 2,2-Dichloropropane	4.21	77	8833	1.920	ug/l	99
22) cis-1,2-Dichloroethene	4.21	96	5030	2.035	ug/l	91
23) Diethyl Ether	2.10	59	4217	2.011	ug/l	98
24) tert-Butyl Alcohol	2.82	59	5412	20.592	ug/l #	92
25) Methyl tert-Butyl Ether	2.99	73	15025	2.121	ug/l	100
26) Bromochloromethane	4.53	128	2185	2.163	ug/l	86
27) Chloroform	4.66	83	10019	1.971	ug/l	100
28) 1,1,1-Trichloroethane	4.90	97	9353	1.968	ug/l	98
29) 1,1-Dichloropropene	5.13	75	6576	1.878	ug/l	99
30) Carbon Tetrachloride	5.12	117	8538	2.055	ug/l	93
31) Isopropyl Ether	3.57	45	13637	1.833	ug/l	98
32) Ethyl-t-butyl ether	4.06	59	12353	1.808	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	10441	1.800	ug/l	98
34) Propionitrile	4.33	54	1905	9.505	ug/l #	74
35) Benzene	5.38	78	18564	1.927	ug/l	96
36) 1,2-Dichloroethane	5.40	62	8037	2.015	ug/l #	92
37) Trichloroethene	6.18	130	5034	2.075	ug/l	87
38) 1,2-Dichloropropane	6.42	63	5034	1.909	ug/l	96
39) Methacrylonitrile	4.54	41	1726	1.795	ug/l #	90
40) Methyl acrylate	4.43	55	2326	1.789	ug/l #	83
41) Tetrahydrofuran	4.65	42	1554	3.458	ug/l	94
42) 1-Chlorobutane	5.06	56	9519	1.774	ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	2582	1.963	ug/l	98
44) Bromodichloromethane	6.75	83	7509	1.963	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	16781	9.226	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	2866	4.673	ug/l #	80
47) Methyl methacrylate	6.62	69	4159	3.740	ug/l	92
48) Ethyl methacrylate	8.02	69	3971	1.873	ug/l	94
49) Toluene	7.63	92	10512	1.880	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	6236	1.907	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	6753	1.871	ug/l	96
52) 1,1,2-Trichloroethane	8.06	97	3489	2.024	ug/l	98
53) 1,3-Dichloropropane	8.24	76	6236	1.929	ug/l	97
54) 2-Hexanone	8.36	43	11288	8.770	ug/l	96
55) Dibromochloromethane	8.47	129	4781	2.058	ug/l	100
56) 1,2-Dibromoethane	8.58	107	3145	1.985	ug/l	97
58) Tetrachloroethene	8.22	164	4585	1.991	ug/l	93
59) Chlorobenzene	9.12	112	11821	1.945	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	5063	2.018	ug/l	97
61) Pentachloroethane	11.10	117	3750	1.941	ug/l	96
62) Hexachloroethane	12.14	117	3675	1.979	ug/l	99
63) Ethyl Benzene	9.25	91	19170	1.805	ug/l	100
64) m/p-Xylenes	9.37	106	14830	3.716	ug/l	98
65) o-Xylene	9.78	106	7386	1.930	ug/l	94
66) Styrene	9.79	104	12413	1.882	ug/l	98
67) Bromoform	9.96	173	2719	2.024	ug/l #	97
69) Isopropylbenzene	10.16	105	20023	1.891	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	4591	1.993	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	2866	1.466	ug/l #	80
72) Bromobenzene	10.45	156	5151	1.971	ug/l	97
73) n-propylbenzene	10.58	120	5505	1.932	ug/l	97
74) 2-Chlorotoluene	10.66	126	4765	1.920	ug/l	94
75) 1,3,5-Trimethylbenzene	10.77	105	17999	1.918	ug/l	98
76) 4-Chlorotoluene	10.77	126	5379	2.042	ug/l	92
77) tert-Butylbenzene	11.10	119	17712	1.965	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	18566	1.941	ug/l	100
79) sec-Butylbenzene	11.32	105	22437	1.901	ug/l	97
80) Nitrobenzene	12.87	77	583	8.894	ug/l #	58
81) p-Isopropyltoluene	11.47	119	19597	1.964	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	10949	2.021	ug/l	97
83) 1,4-Dichlorobenzene	11.50	146	10780	1.975	ug/l	98
84) n-Butylbenzene	11.89	91	18192	1.876	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	10079	2.055	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	963	2.277	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	6534	1.970	ug/l	95
88) Hexachlorobutadiene	13.69	225	4527	2.139	ug/l	97
89) Naphthalene	13.74	128	10923	2.051	ug/l	97
90) 1,2,3-Trichlorobenzene	13.99	180	7025	2.277	ug/l	98

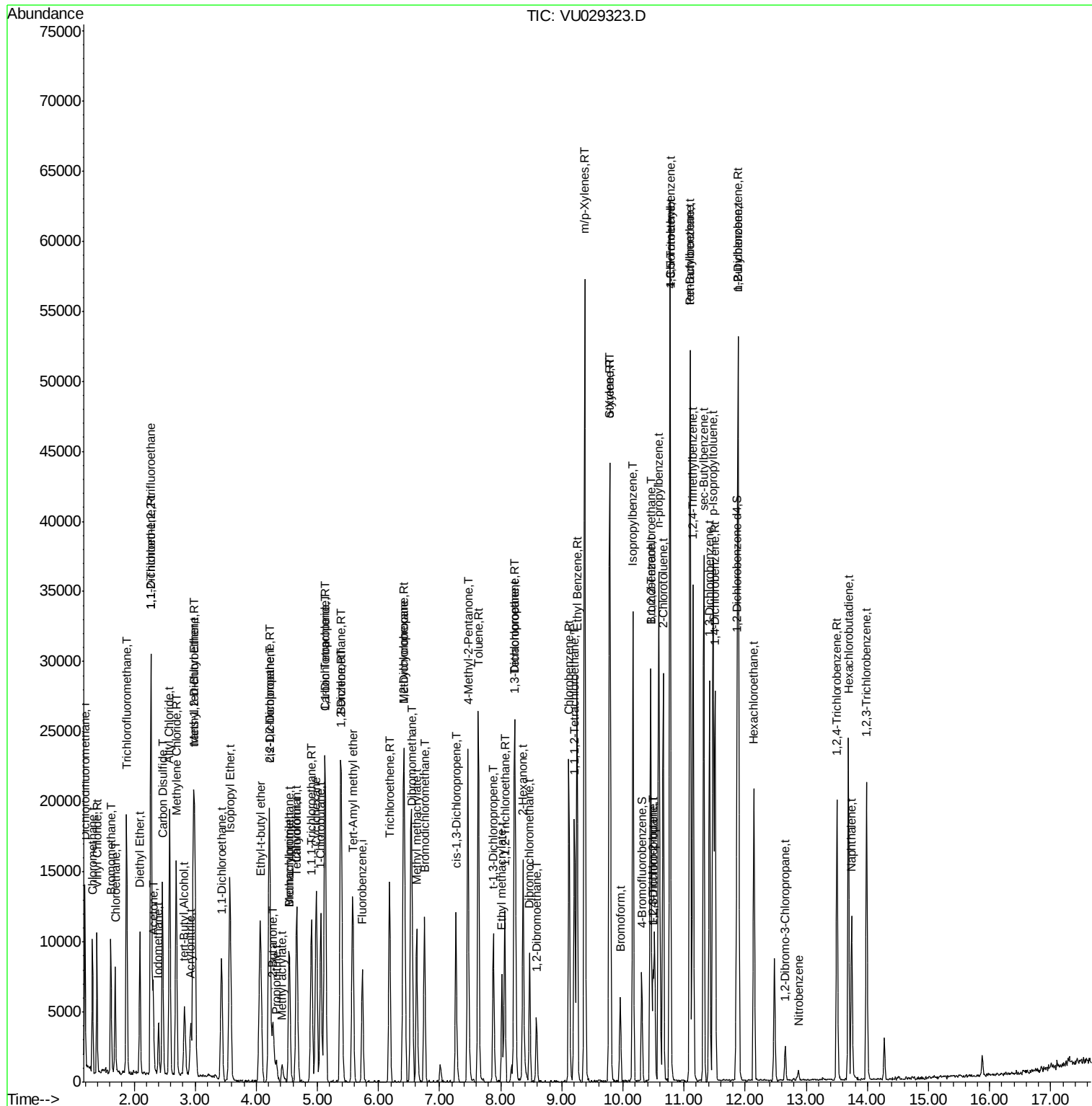
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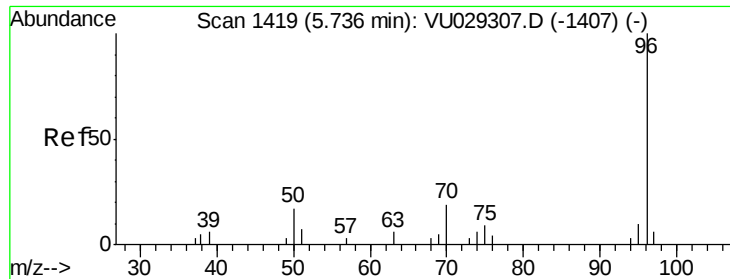
Data File : VU029323.D

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Acq On       : 30 Jan 2019   18:29
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.73 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 96 Resp: 7554

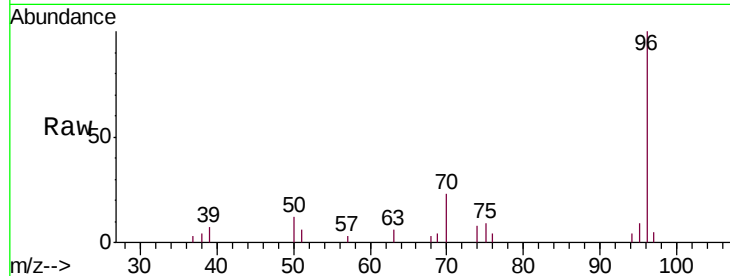
Ion Ratio Lower Upper

96 100

70 22.7 16.2 24.2

95 7.2 7.4 11.2#

97 4.0 0.0 0.0#

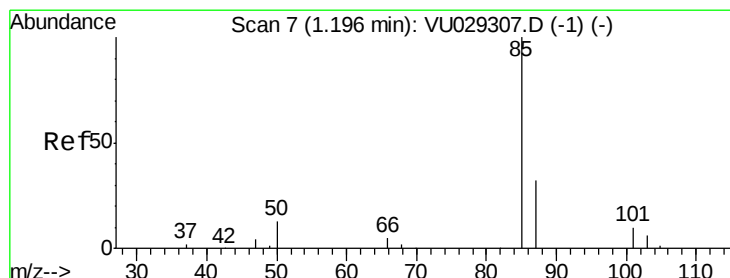
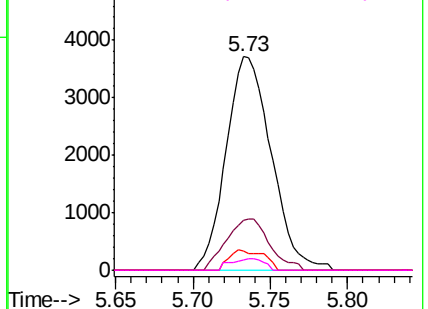
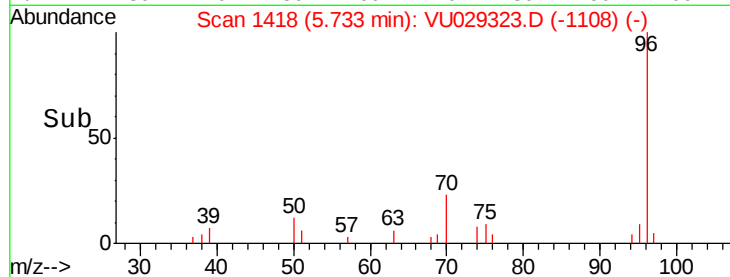


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.999 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VU029323.D

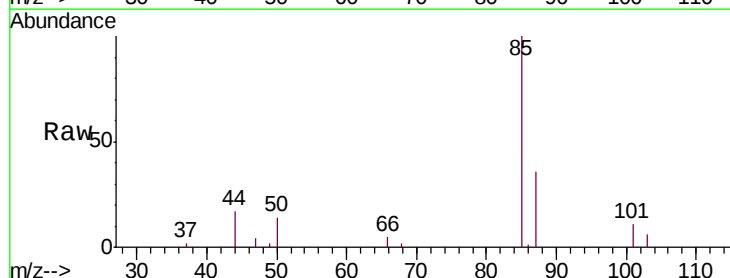
Acq: 30 Jan 2019 18:29

Tgt Ion: 85 Resp: 6968

Ion Ratio Lower Upper

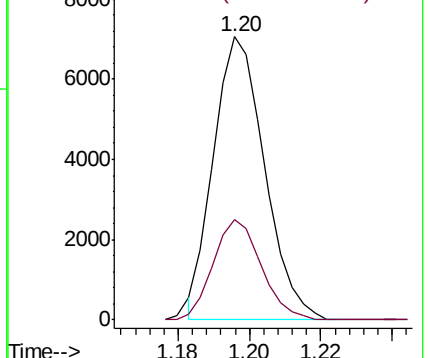
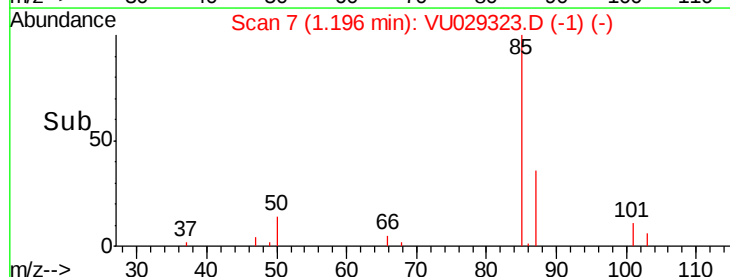
85 100

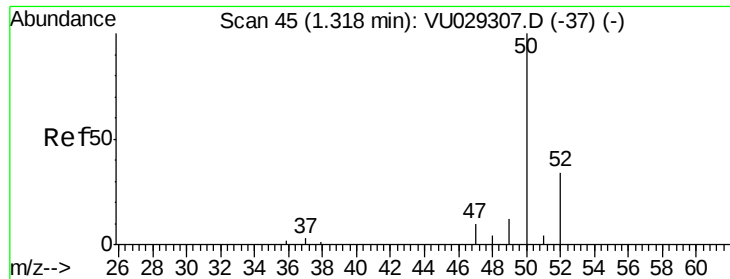
87 35.6 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.926 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

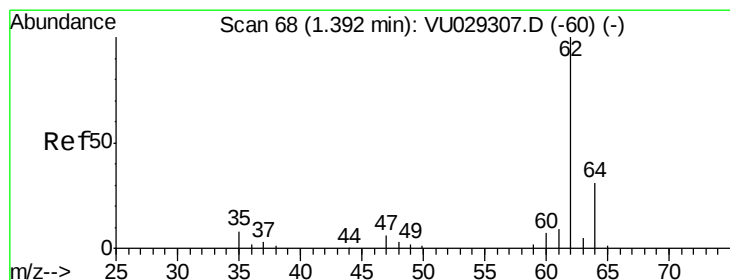
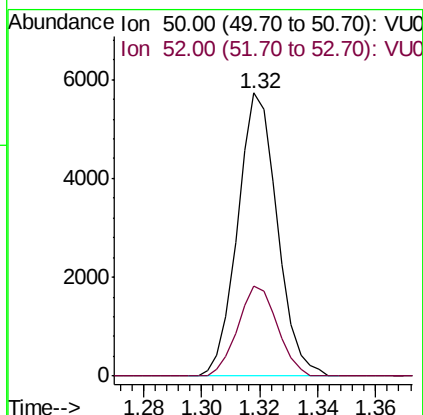
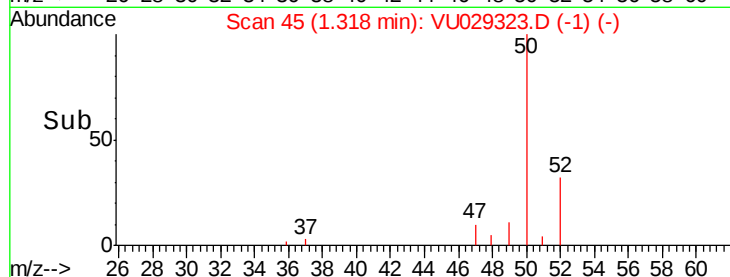
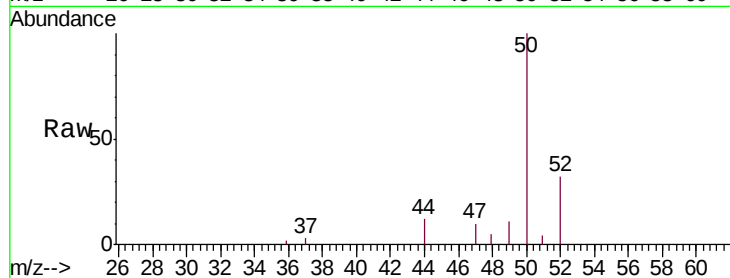
VU0130WBSD01

Tgt Ion: 50 Resp: 5435

Ion Ratio Lower Upper

50 100

52 31.7 27.3 40.9



#4

Vinyl Chloride

Concen: 1.938 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029323.D

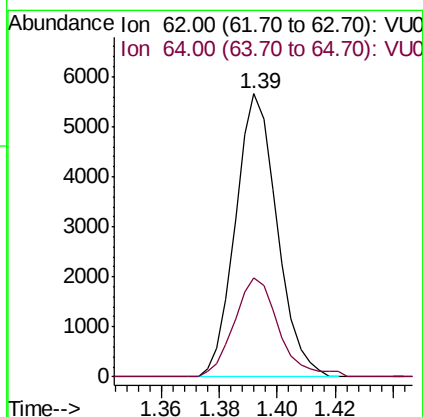
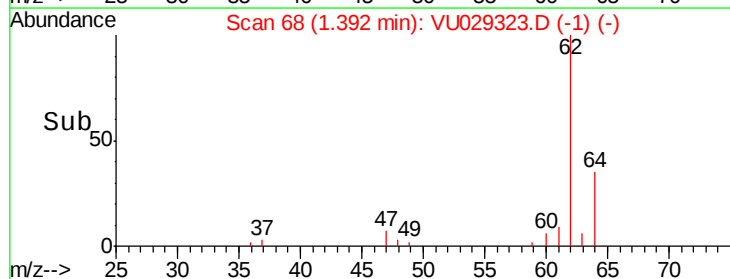
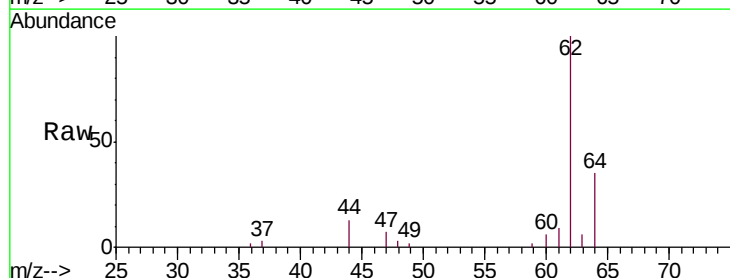
Acq: 30 Jan 2019 18:29

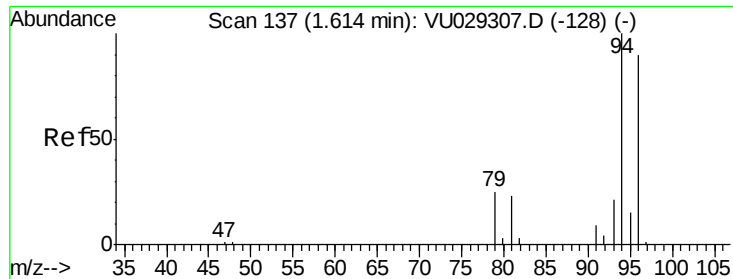
Tgt Ion: 62 Resp: 5640

Ion Ratio Lower Upper

62 100

64 34.8 25.2 37.8

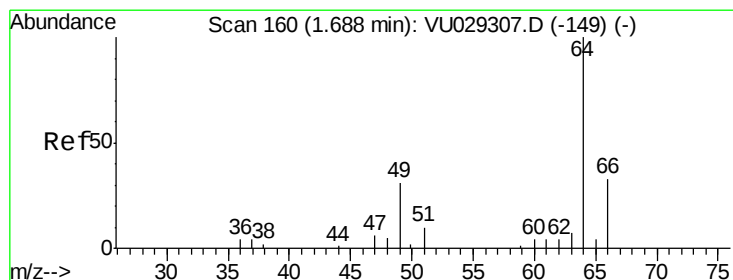
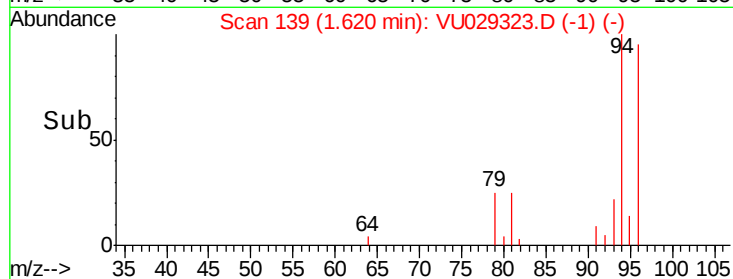
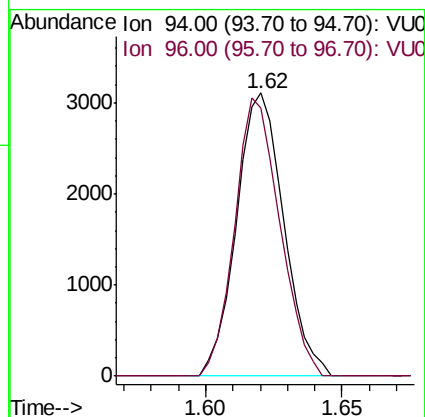
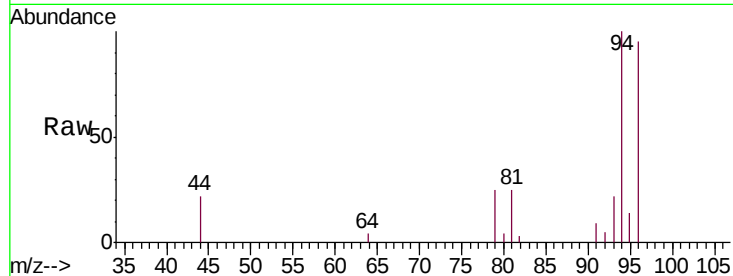




#5
Bromomethane
Concen: 2.049 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.01 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

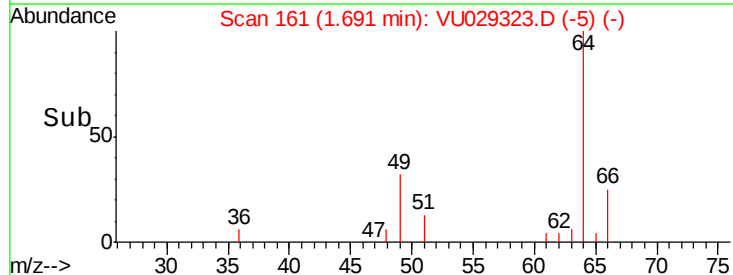
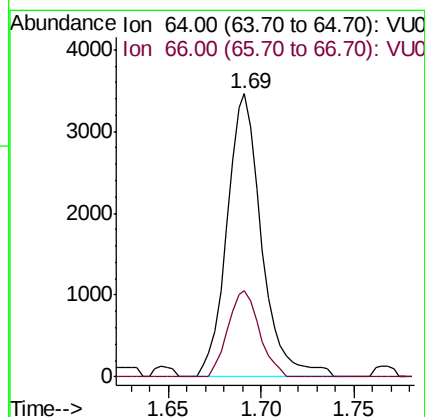
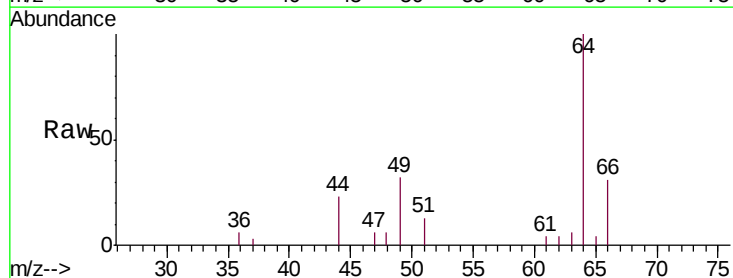
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

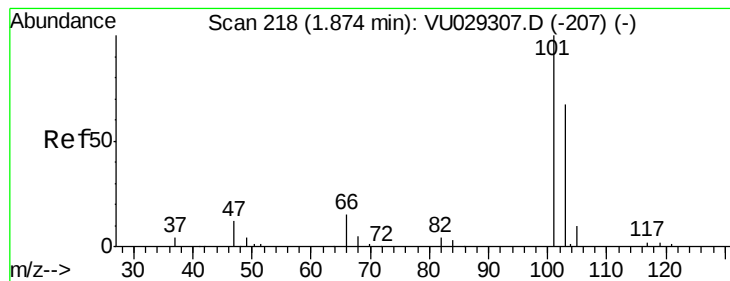
Tgt Ion: 94 Resp: 3737
Ion Ratio Lower Upper
94 100
96 94.9 71.7 107.5



#6
Chloroethane
Concen: 2.198 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 64 Resp: 4481
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5



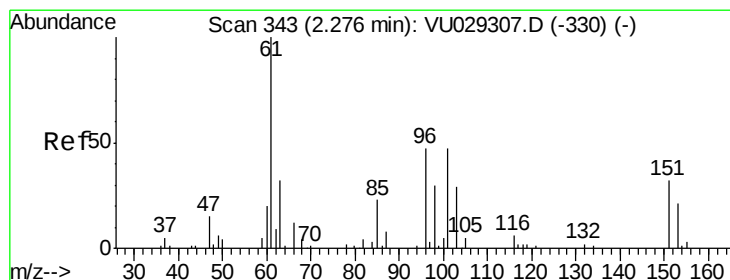
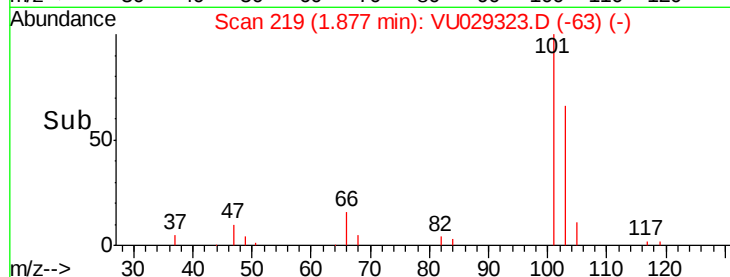
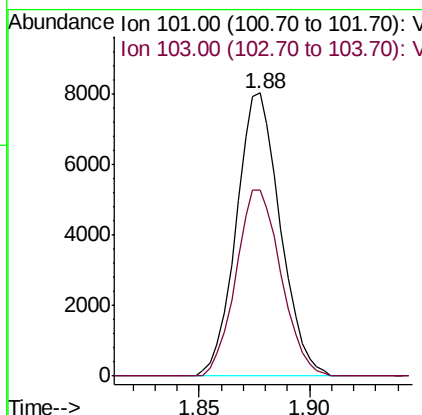
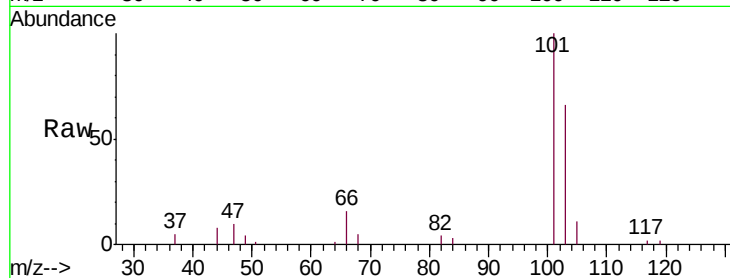


#7

Trichlorofluoromethane
 Concen: 2.056 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
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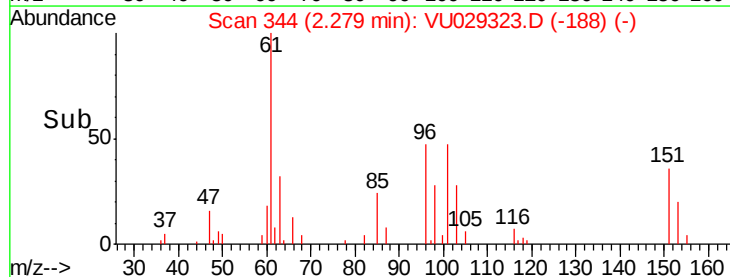
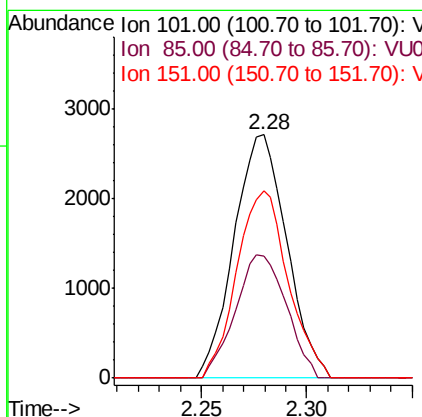
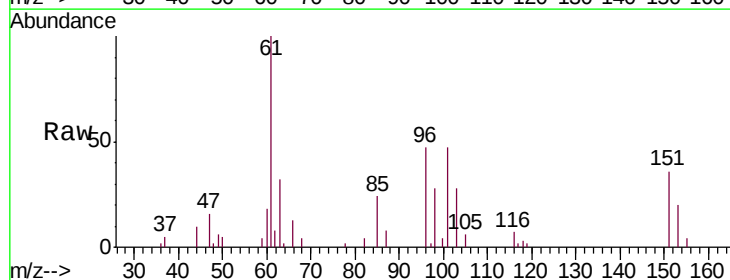
Tgt Ion:101 Resp: 11084
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.9 80.9

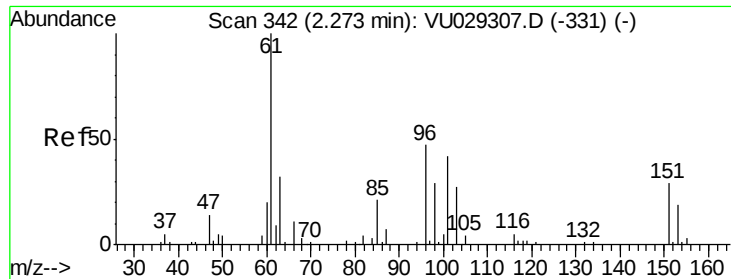


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.093 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion:101 Resp: 4718
 Ion Ratio Lower Upper
 101 100
 85 49.0 40.3 60.5
 151 74.8 58.1 87.1





#9

1,1-Dichloroethene

Concen: 2.119 ug/l

RT: 2.28 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

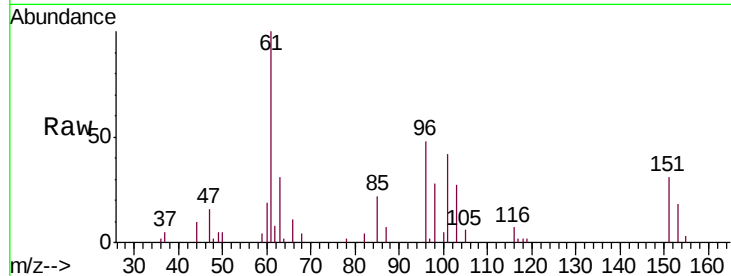
Tgt Ion: 96 Resp: 4423

Ion Ratio Lower Upper

96 100

61 209.3 0.0 641.4

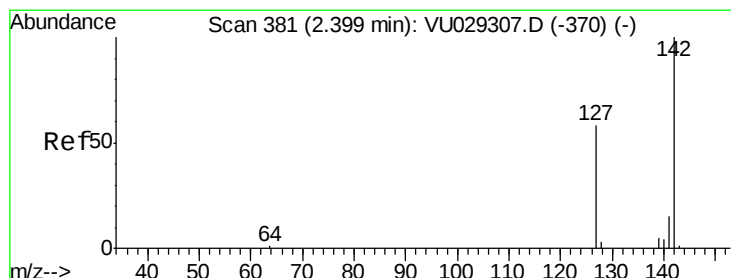
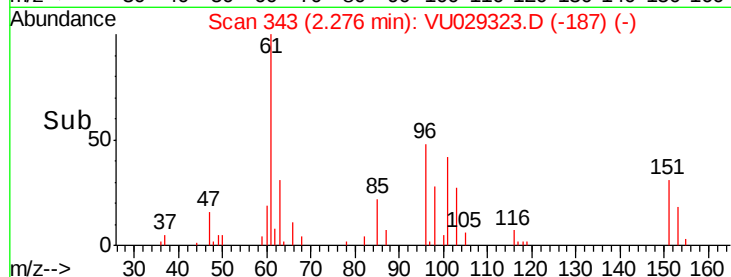
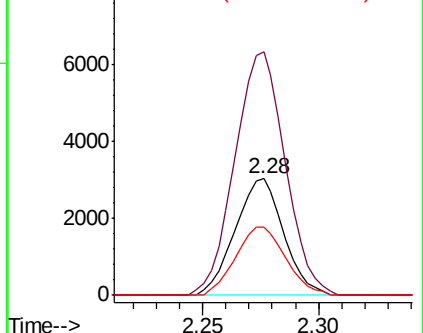
98 58.9 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.818 ug/l

RT: 2.40 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029323.D

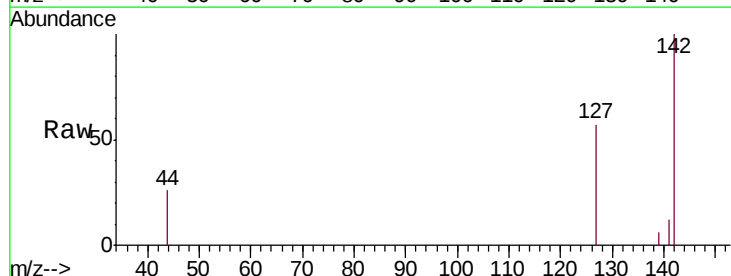
Acq: 30 Jan 2019 18:29

Tgt Ion: 142 Resp: 3196

Ion Ratio Lower Upper

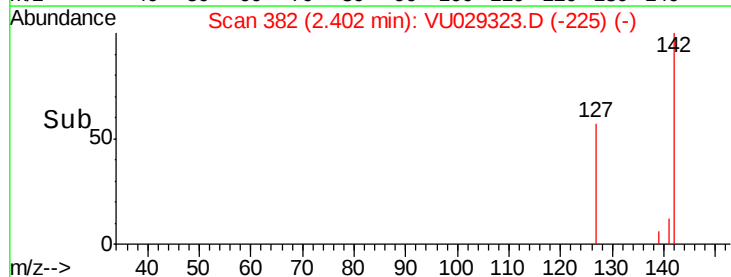
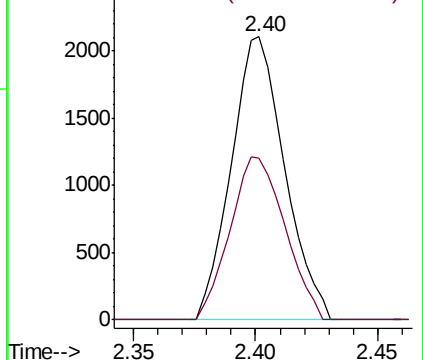
142 100

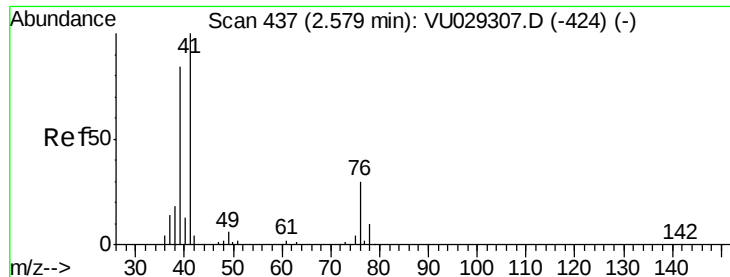
127 59.2 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

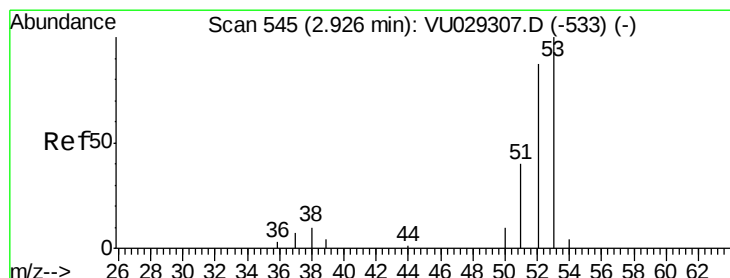
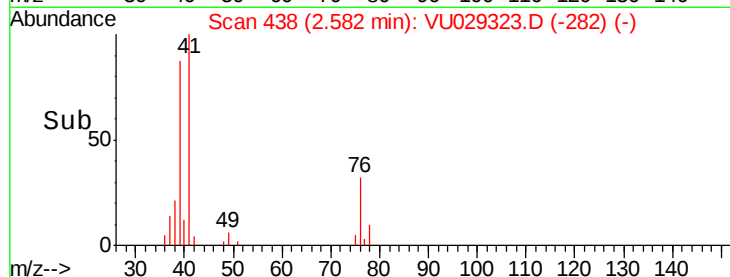
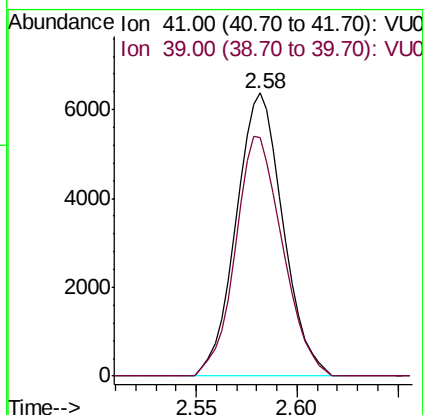
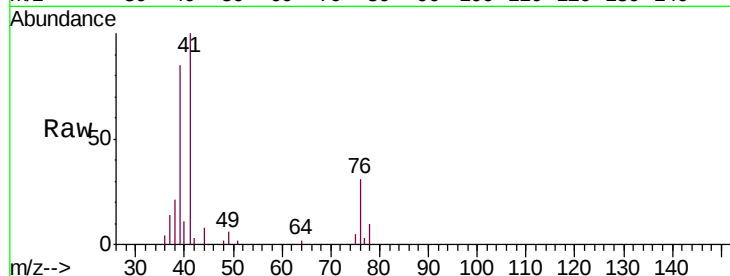




#11
 Allyl Chloride
 Concen: 2.100 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

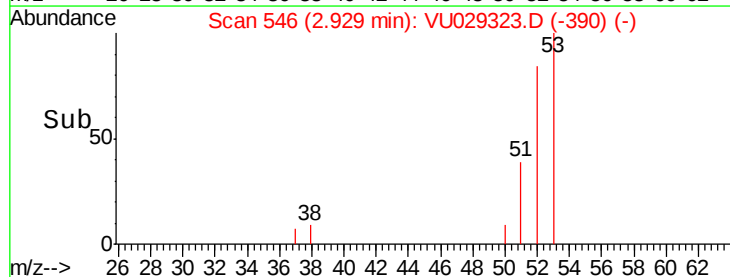
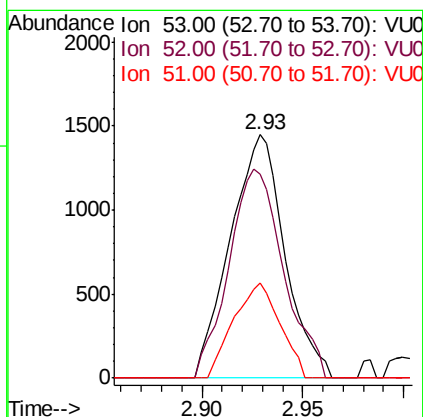
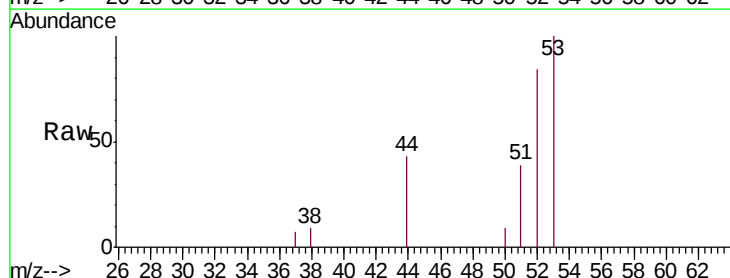
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

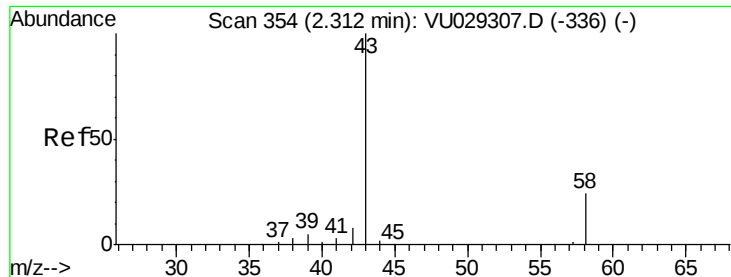
Tgt Ion: 41 Resp: 10365
 Ion Ratio Lower Upper
 41 100
 39 85.2 67.2 100.8



#12
 Acrylonitrile
 Concen: 4.348 ug/l
 RT: 2.93 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 53 Resp: 2731
 Ion Ratio Lower Upper
 53 100
 52 86.0 67.6 101.4
 51 33.5 31.0 46.4





#13

Acetone

Concen: 9.463 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

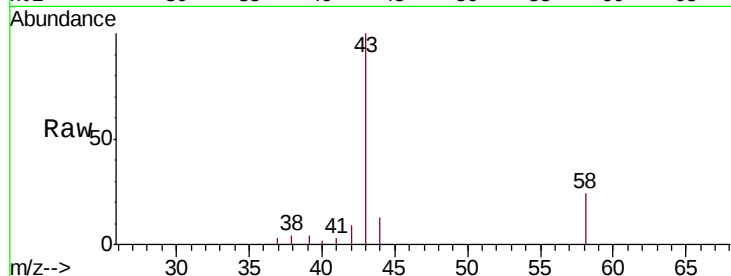
VU0130WBSD01

Tgt Ion: 43 Resp: 7359

Ion Ratio Lower Upper

43 100

58 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.31

4000

3000

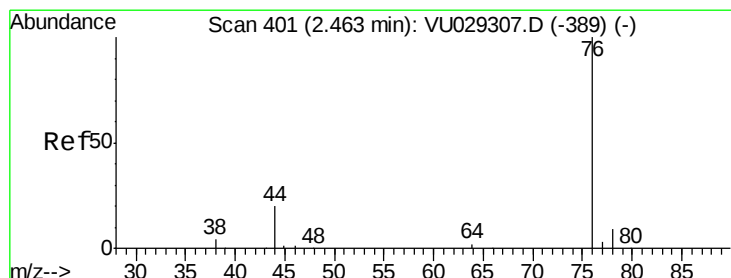
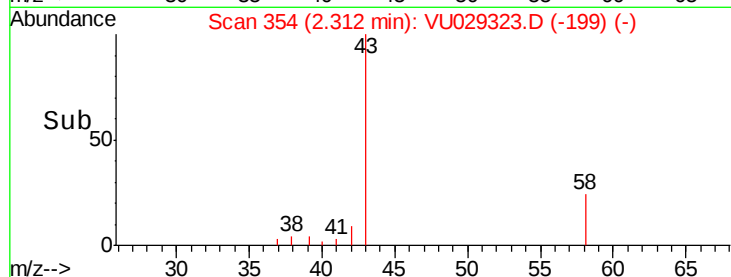
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Carbon Disulfide

Concen: 1.992 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029323.D

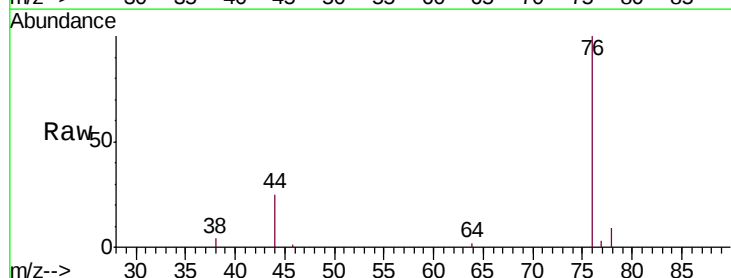
Acq: 30 Jan 2019 18:29

Tgt Ion: 76 Resp: 14979

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.47

10000

8000

6000

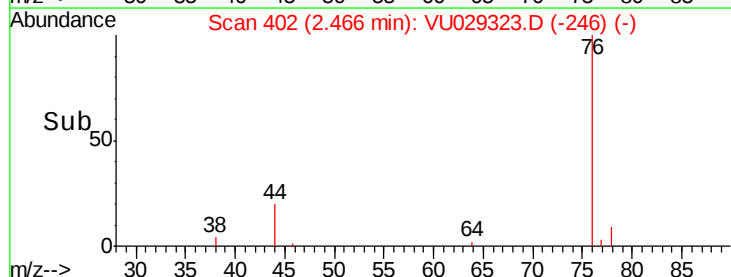
4000

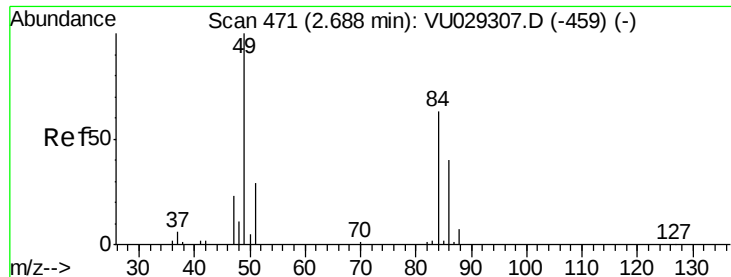
2000

0

Time-->

2.40 2.45 2.50

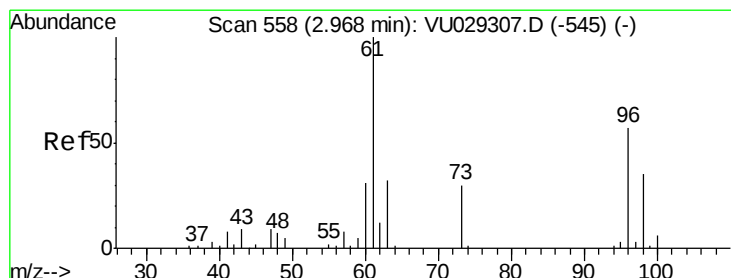
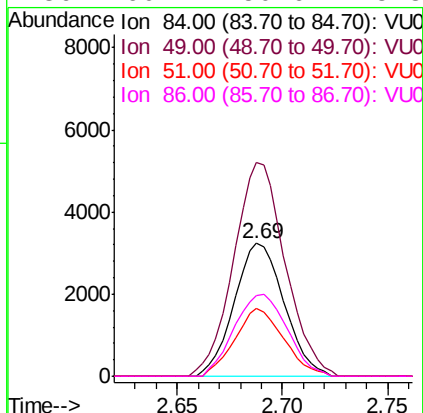
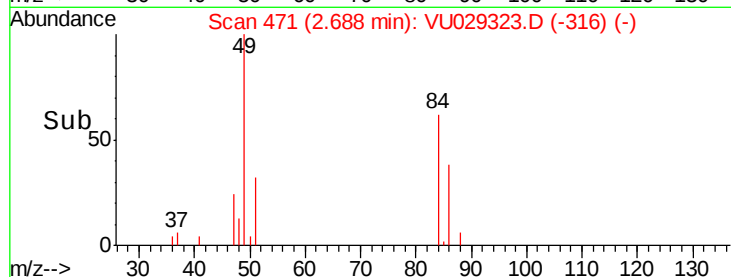
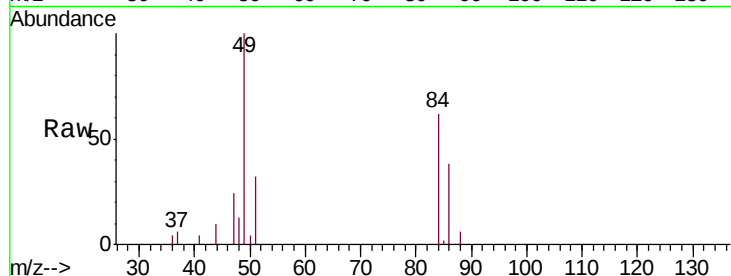




#15
Methylene Chloride
Concen: 1.930 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

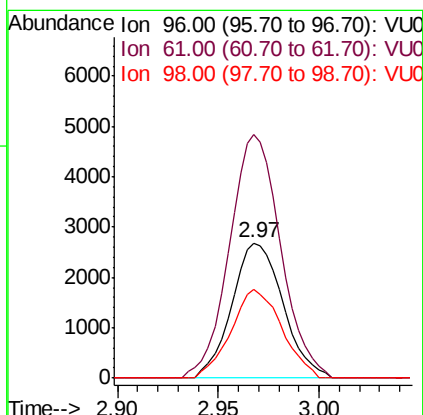
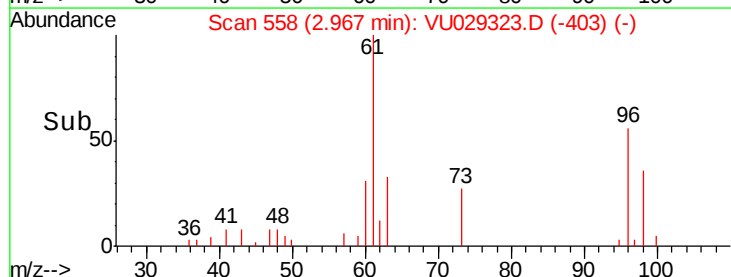
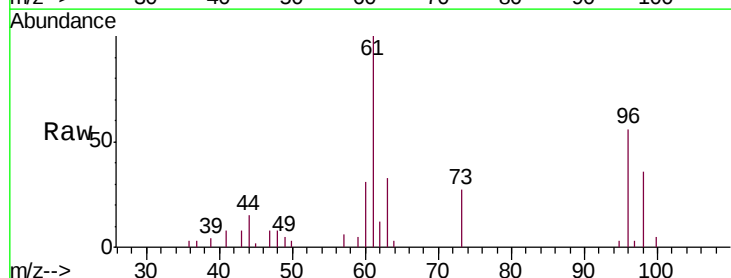
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

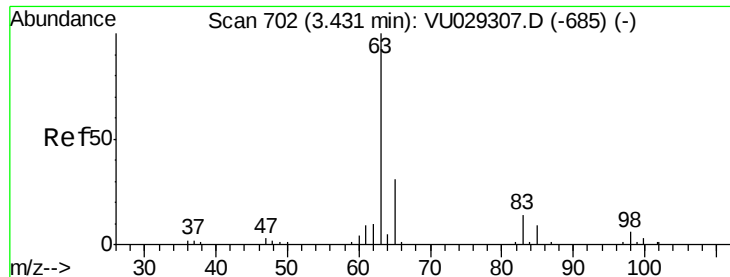
Tgt Ion:	84	Resp:	5320
Ion	Ratio	Lower	Upper
84	100		
49	160.5	127.0	190.6
51	50.8	0.0	93.4
86	60.7	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 2.026 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion:	96	Resp:	4754
Ion	Ratio	Lower	Upper
96	100		
61	179.8	140.6	210.8
98	65.1	49.3	73.9

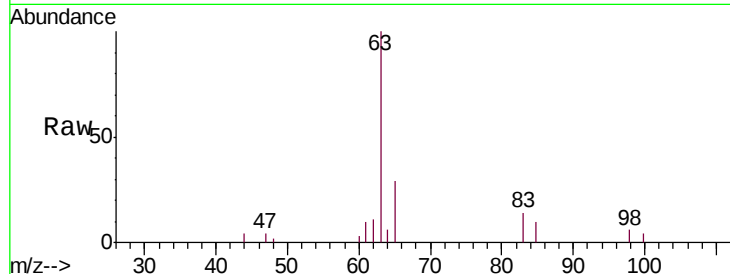




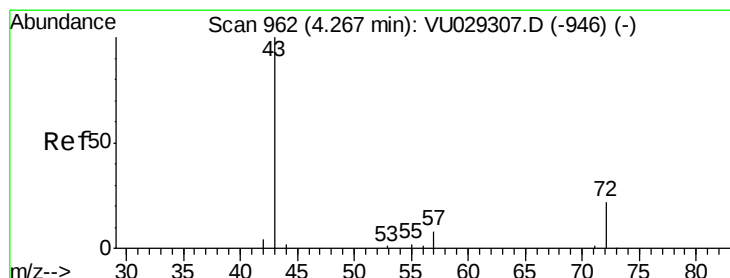
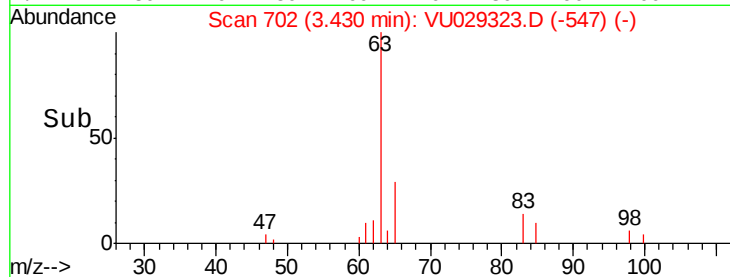
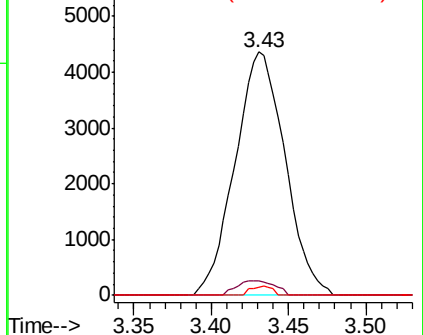
#17
 1,1-Dichloroethane
 Concen: 1.933 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

Tgt Ion: 63 Resp: 9809
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.5 1.7 5.1

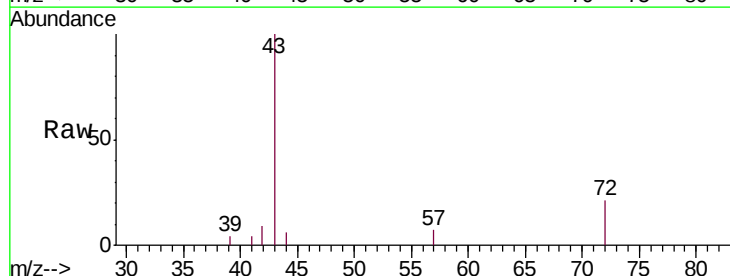


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

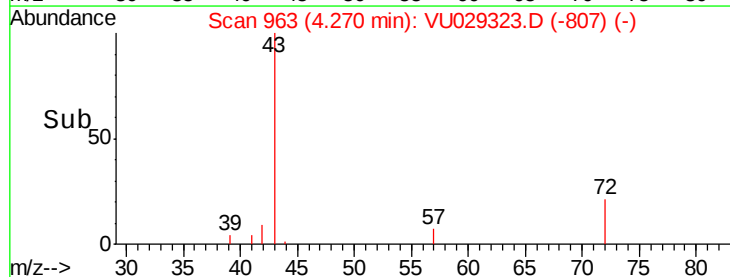
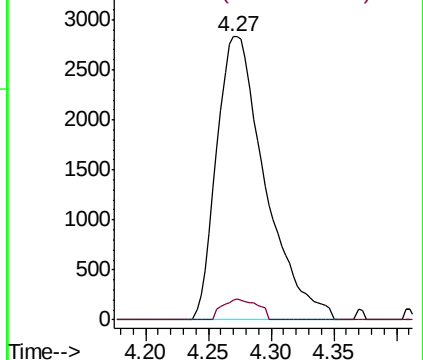


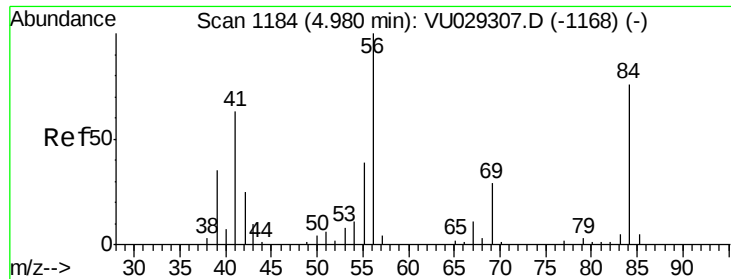
#18
 2-Butanone
 Concen: 9.535 ug/l
 RT: 4.27 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 43 Resp: 7613
 Ion Ratio Lower Upper
 43 100
 57 6.7 0.0 15.8



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

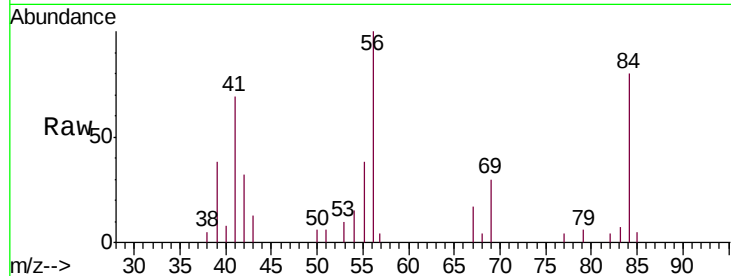




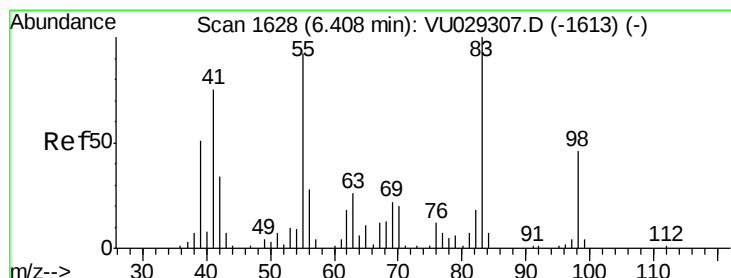
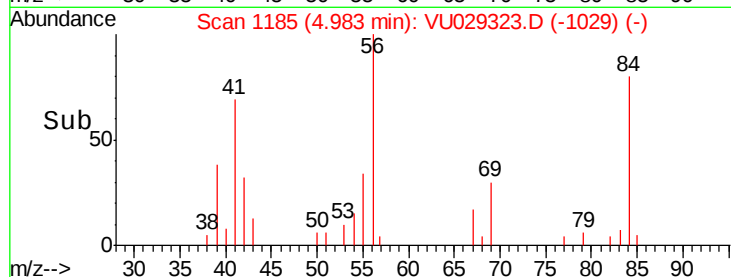
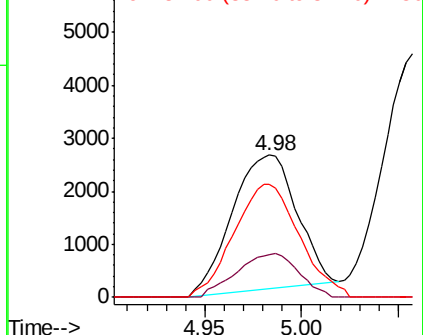
#19
Cyclohexane
Concen: 1.839 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

Tgt Ion: 56 Resp: 5913
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 84.7 71.5 107.3

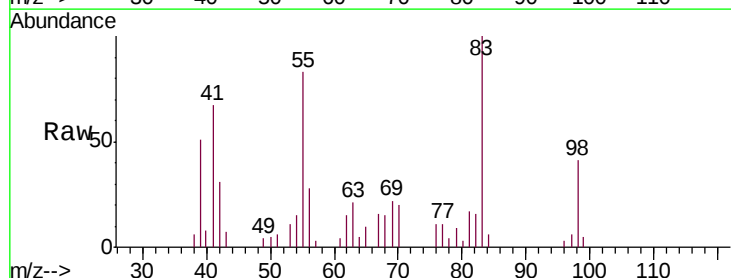


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

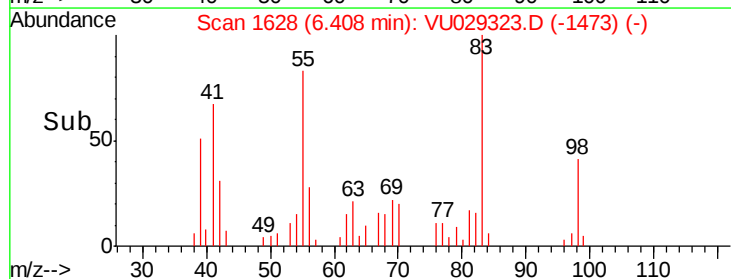
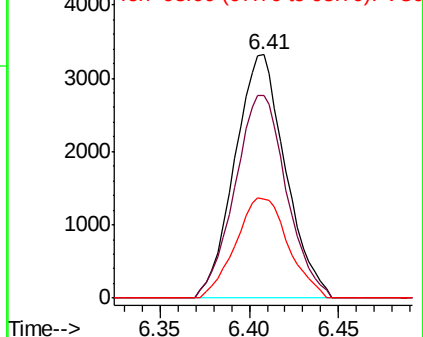


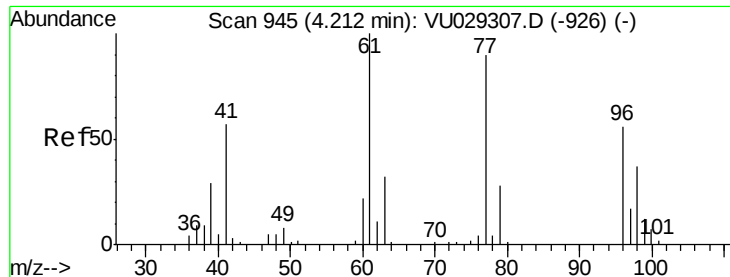
#20
Methylcyclohexane
Concen: 1.918 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 83 Resp: 6596
Ion Ratio Lower Upper
83 100
55 84.7 72.4 108.6
98 42.7 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.920 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

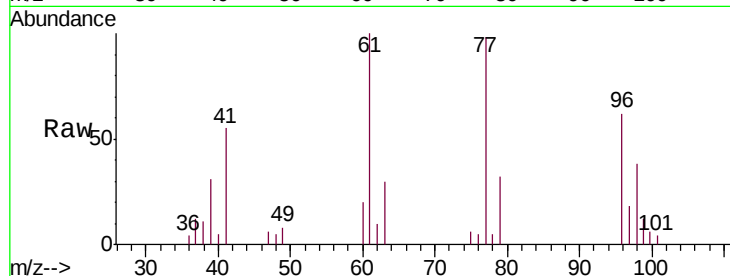
VU0130WBSD01

Tgt Ion: 77 Resp: 8833

Ion Ratio Lower Upper

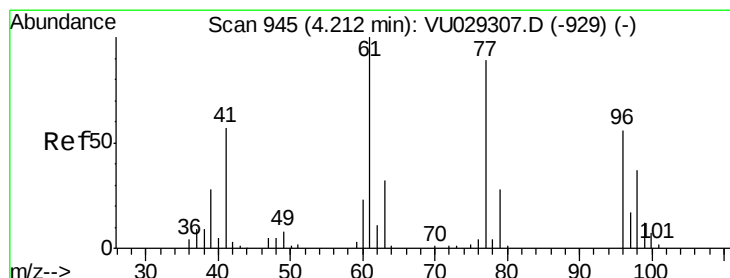
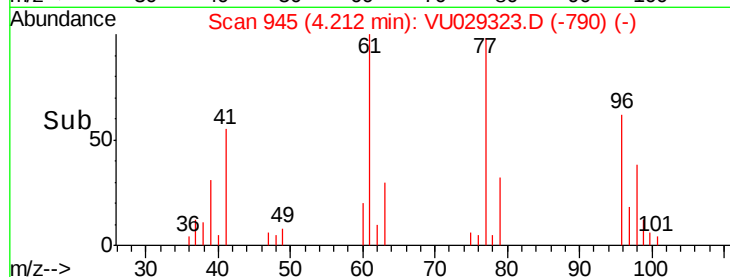
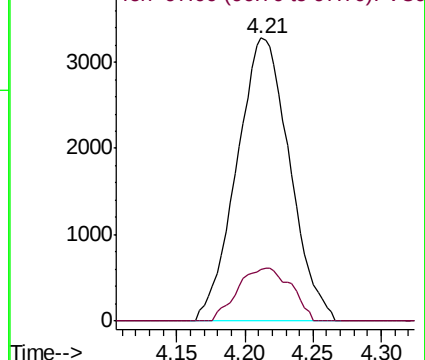
77 100

97 18.9 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.035 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

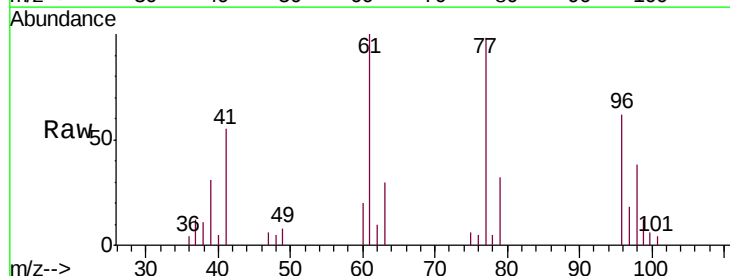
Tgt Ion: 96 Resp: 5030

Ion Ratio Lower Upper

96 100

61 169.1 0.0 460.0

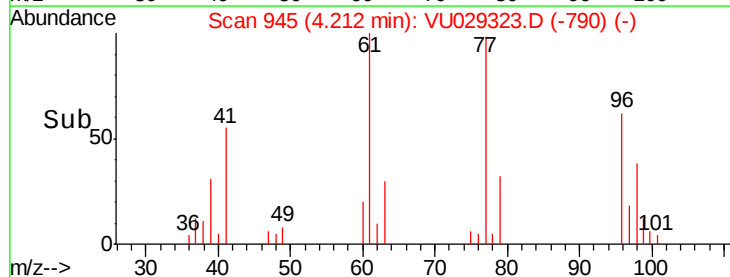
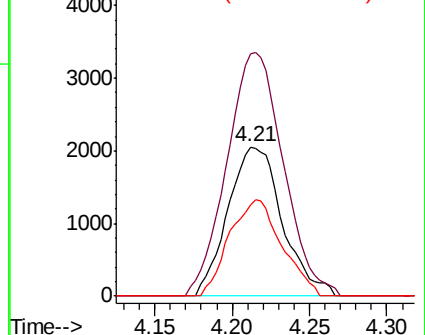
98 62.0 32.6 97.7

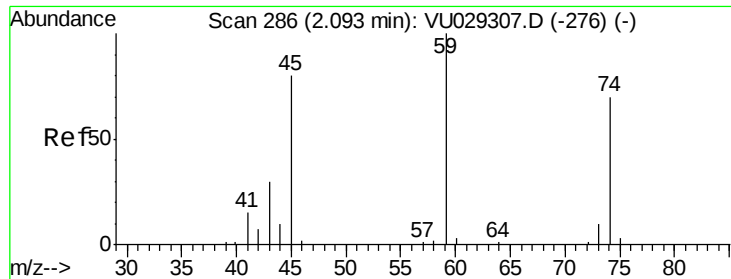


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

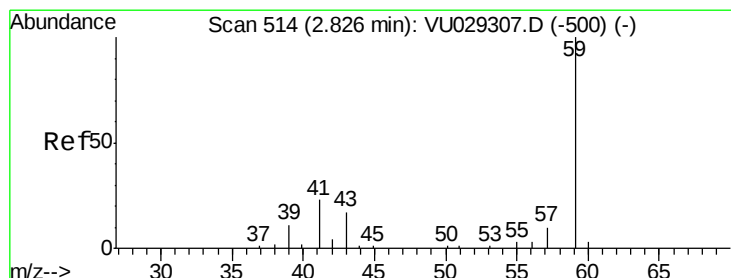
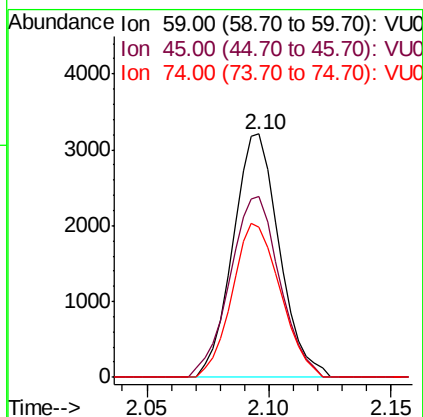
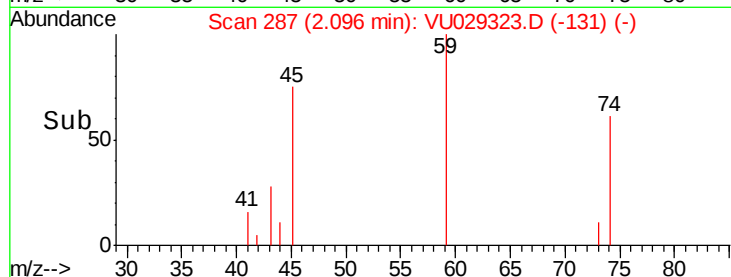
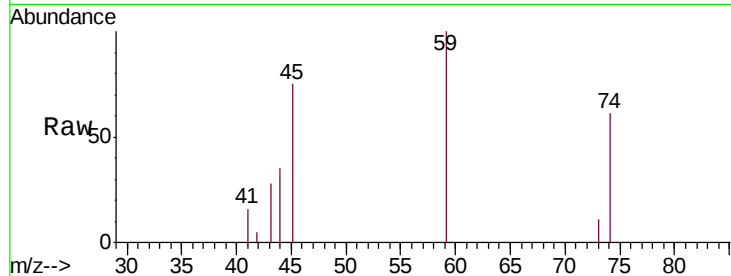




#23
Diethyl Ether
Concen: 2.011 ug/l
RT: 2.10 min Scan# 287
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

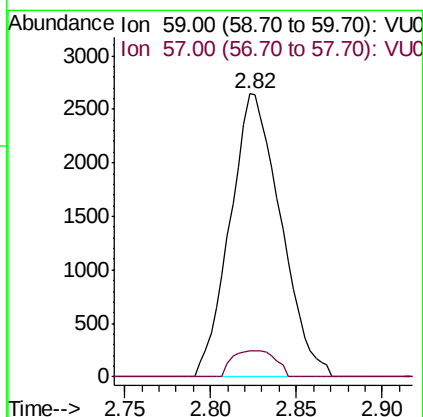
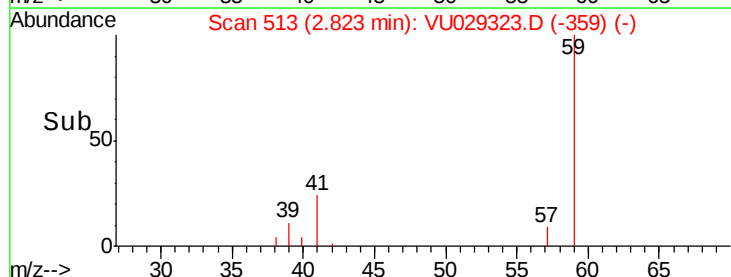
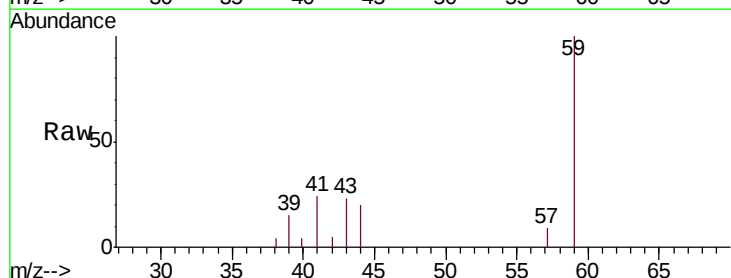
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

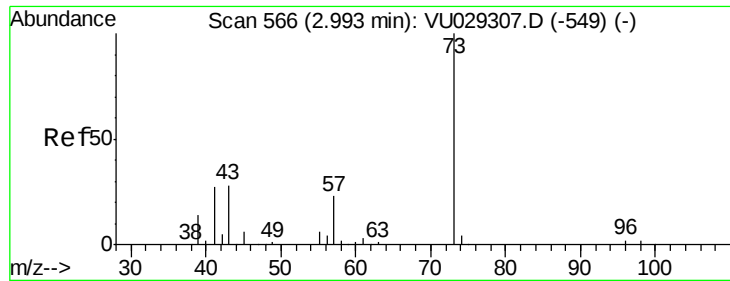
Tgt Ion: 59 Resp: 4217
Ion Ratio Lower Upper
59 100
45 80.2 64.2 96.4
74 65.9 55.3 82.9



#24
tert-Butyl Alcohol
Concen: 20.592 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 59 Resp: 5412
Ion Ratio Lower Upper
59 100
57 7.8 8.8 13.2#



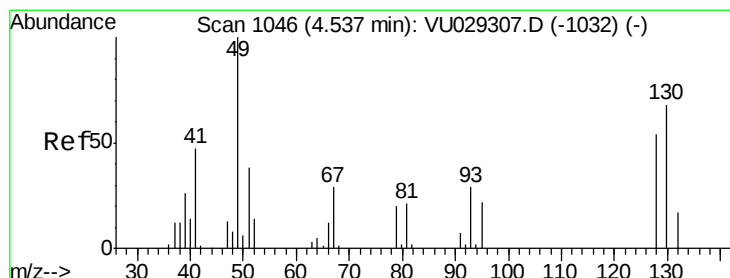
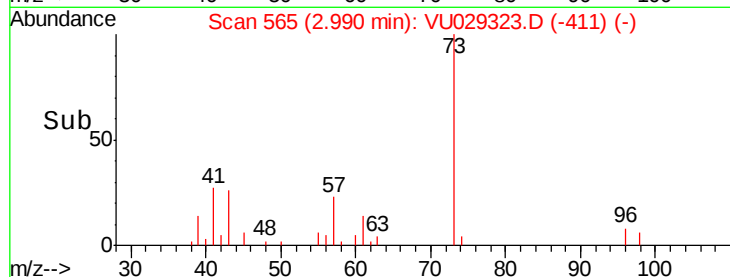
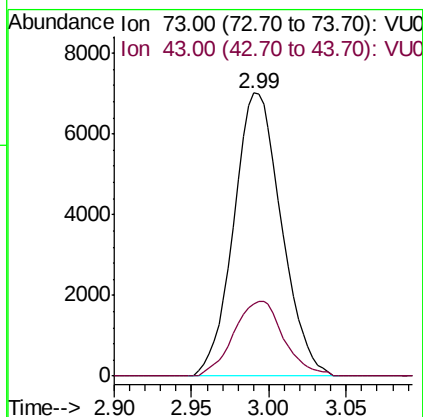
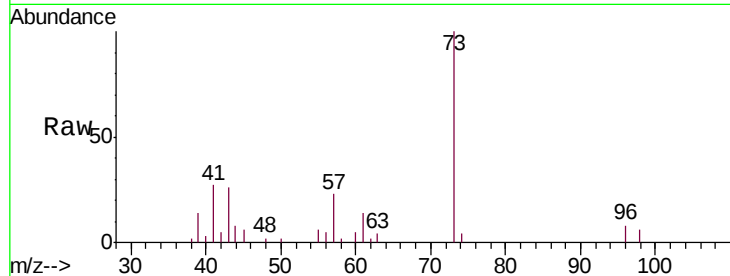


#25

Methyl tert-Butyl Ether
 Concen: 2.121 ug/l
 RT: 2.99 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

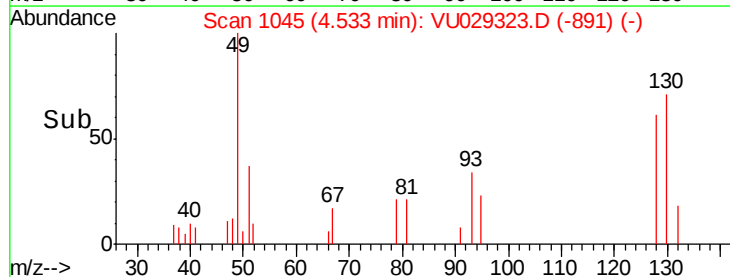
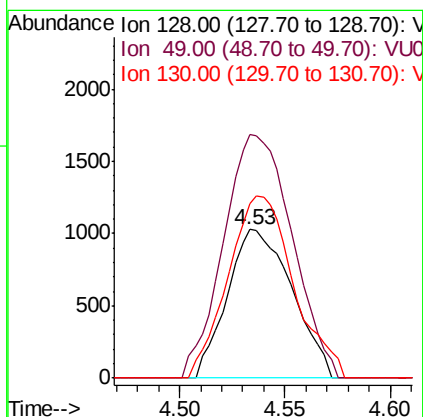
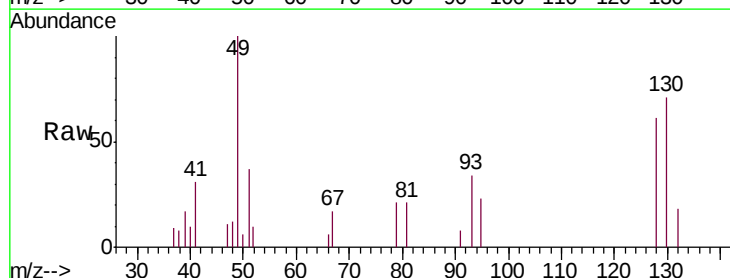
Tgt Ion: 73 Resp: 15025
 Ion Ratio Lower Upper
 73 100
 43 27.8 22.1 33.1

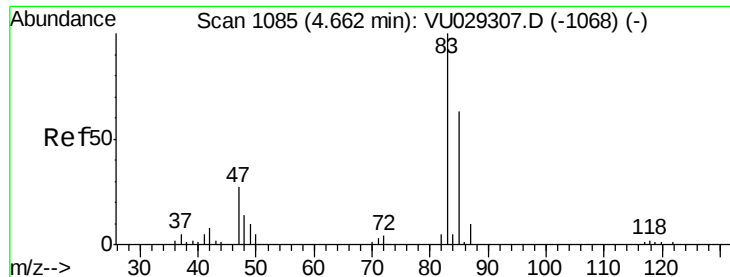


#26

Bromochloromethane
 Concen: 2.163 ug/l
 RT: 4.53 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 128 Resp: 2185
 Ion Ratio Lower Upper
 128 100
 49 174.1 0.0 401.6
 130 124.9 108.0 162.0

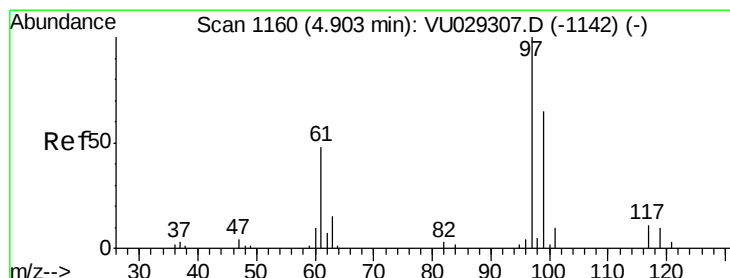
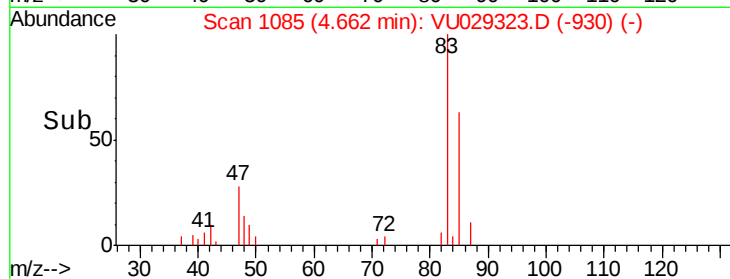
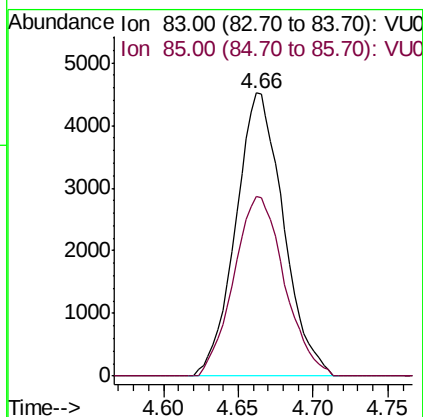
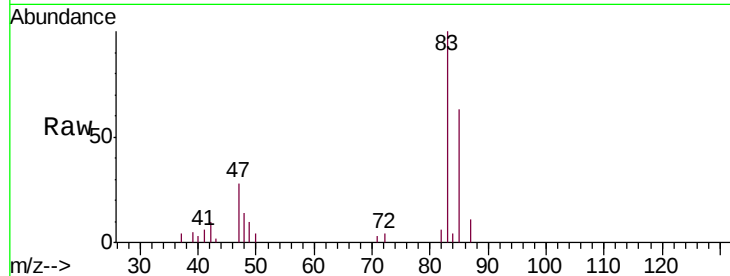




#27
Chloroform
Concen: 1.971 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

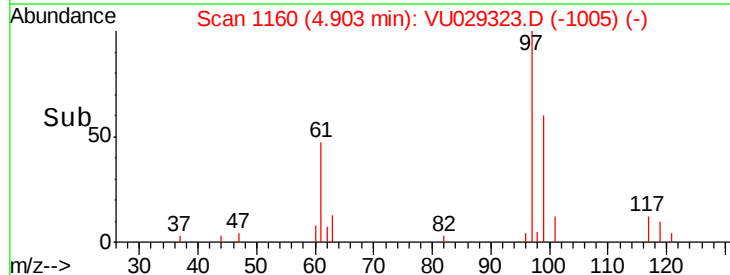
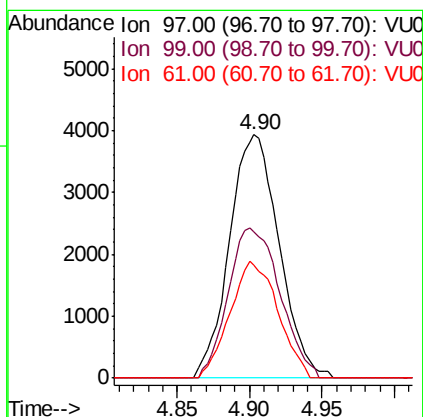
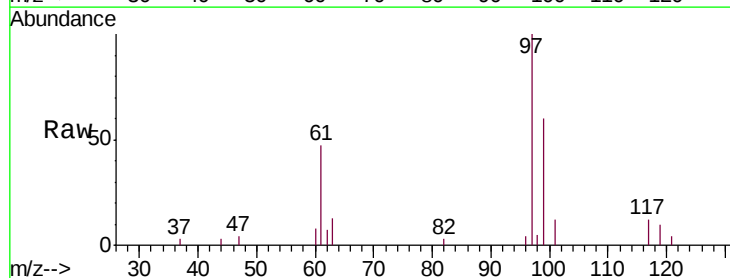
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

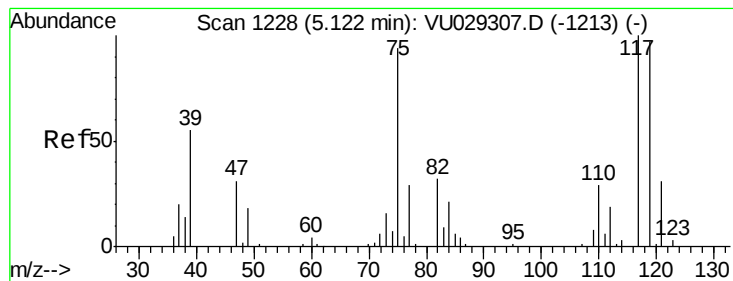
Tgt Ion: 83 Resp: 10019
Ion Ratio Lower Upper
83 100
85 63.5 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.968 ug/l
RT: 4.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 97 Resp: 9353
Ion Ratio Lower Upper
97 100
99 64.3 32.4 97.2
61 46.2 24.4 73.2





#29

1,1-Dichloropropene

Concen: 1.878 ug/l

RT: 5.13 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

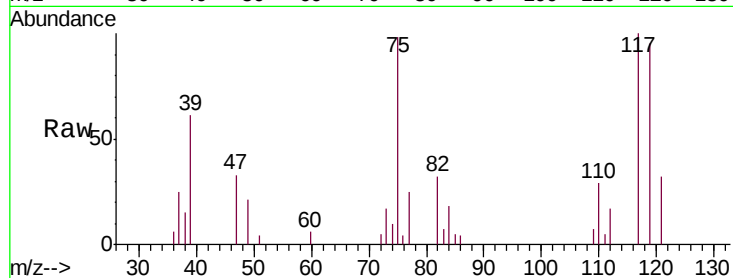
Tgt Ion: 75 Resp: 6576

Ion Ratio Lower Upper

75 100

110 31.0 15.4 46.2

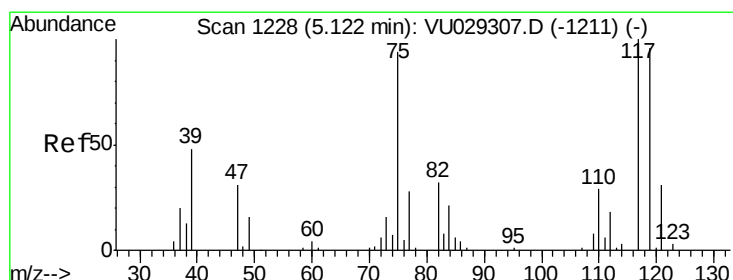
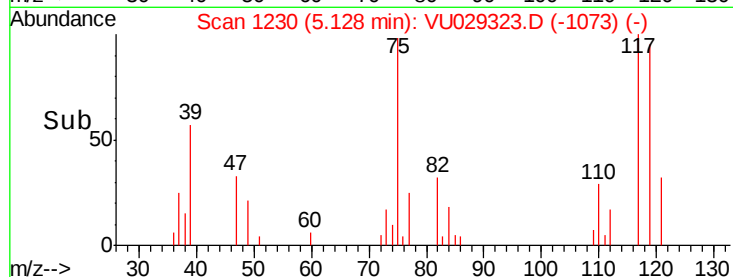
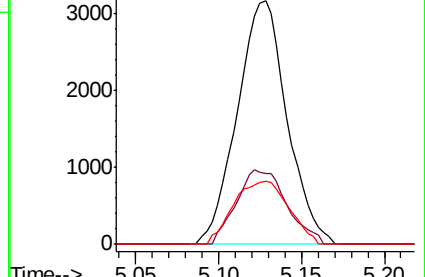
77 28.8 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU029307.D (-1213) (-)

Ion 110.00 (109.70 to 110.70): VU029307.D (-1213) (-)

Ion 77.00 (76.70 to 77.70): VU029307.D (-1213) (-)



#30

Carbon Tetrachloride

Concen: 2.055 ug/l

RT: 5.12 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

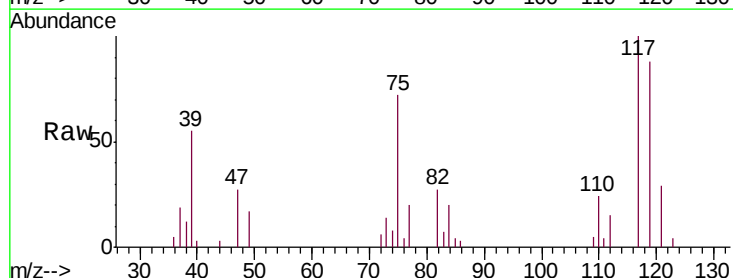
Tgt Ion: 117 Resp: 8538

Ion Ratio Lower Upper

117 100

119 87.9 76.8 115.2

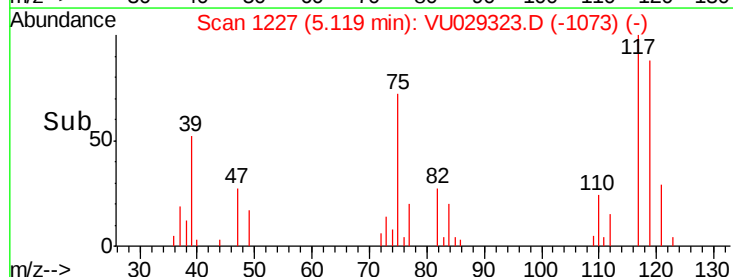
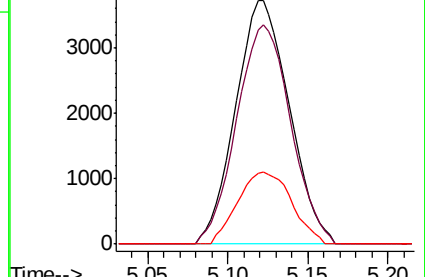
121 29.0 24.4 36.6

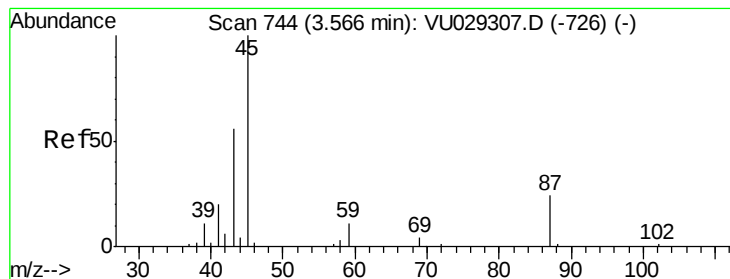


Abundance Ion 117.00 (116.70 to 117.70): VU029307.D (-1211) (-)

Ion 119.00 (118.70 to 119.70): VU029307.D (-1211) (-)

Ion 121.00 (120.70 to 121.70): VU029307.D (-1211) (-)





#31

Isopropyl Ether

Concen: 1.833 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

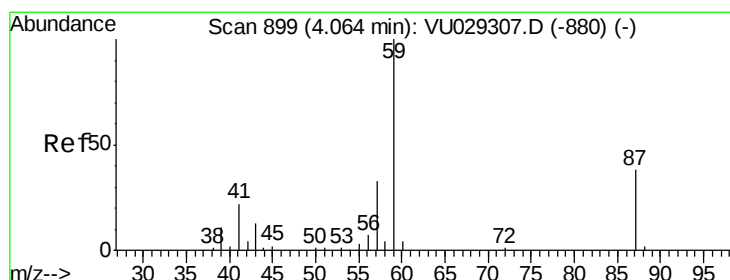
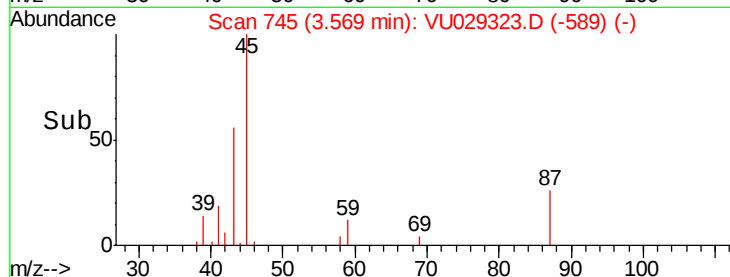
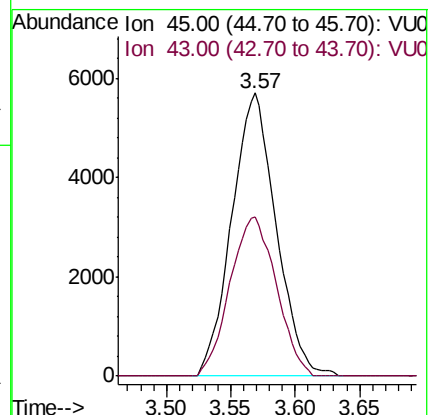
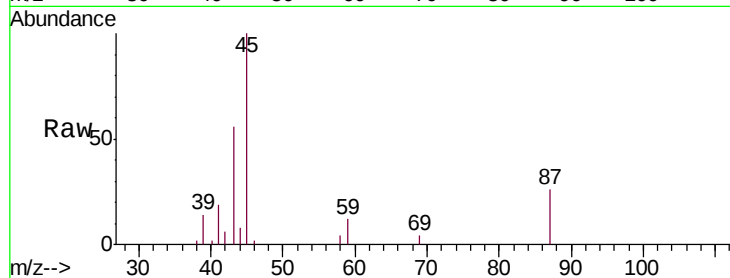
VU0130WBSD01

Tgt Ion: 45 Resp: 13637

Ion Ratio Lower Upper

45 100

43 58.7 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 1.808 ug/l

RT: 4.06 min Scan# 898

Delta R.T. -0.00 min

Lab File: VU029323.D

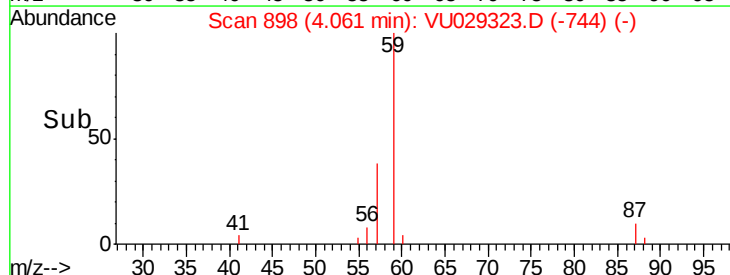
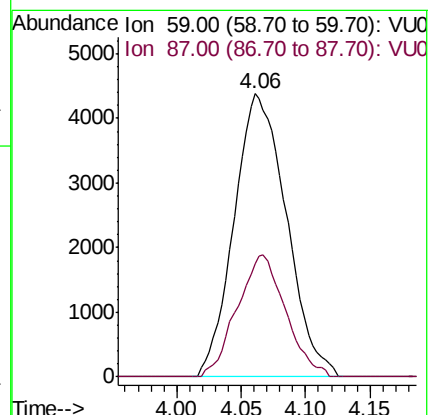
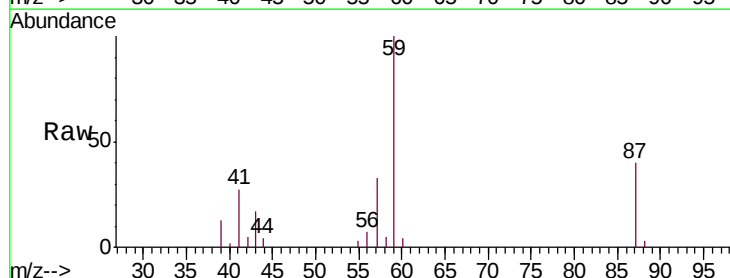
Acq: 30 Jan 2019 18:29

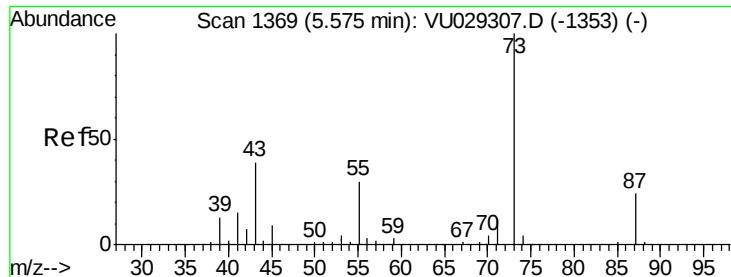
Tgt Ion: 59 Resp: 12353

Ion Ratio Lower Upper

59 100

87 39.9 31.1 46.7

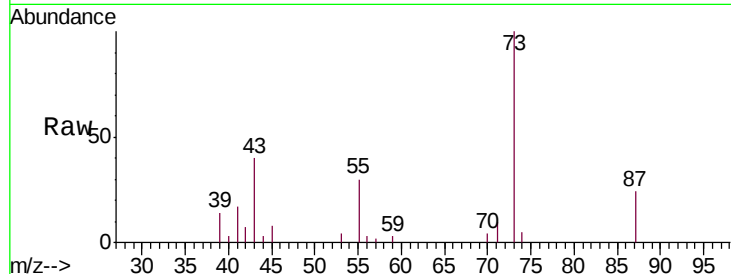




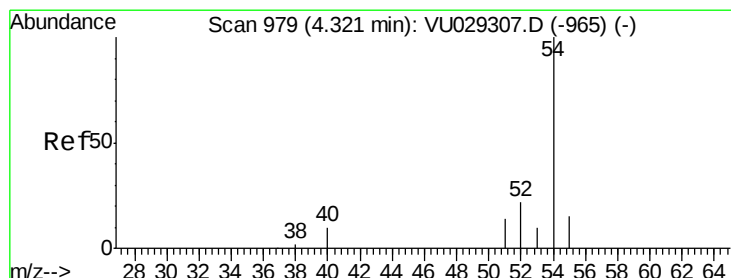
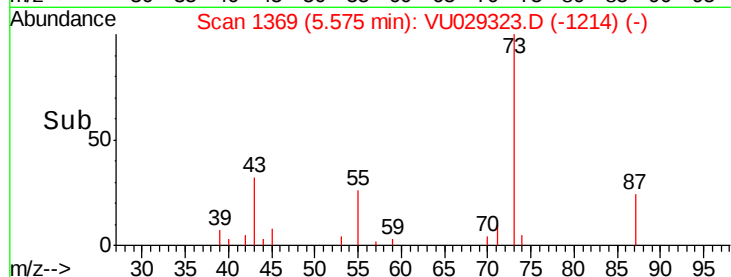
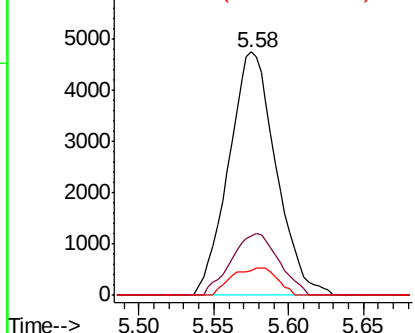
#33
 Tert-Amyl methyl ether
 Concen: 1.800 ug/l
 RT: 5.58 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

Tgt Ion: 73 Resp: 10441
 Ion Ratio Lower Upper
 73 100
 87 25.7 19.4 29.0
 71 10.7 9.0 13.4

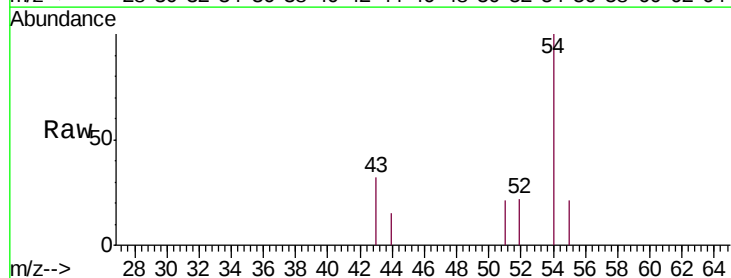


Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0

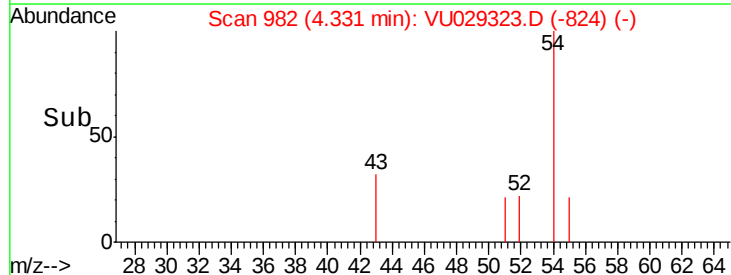
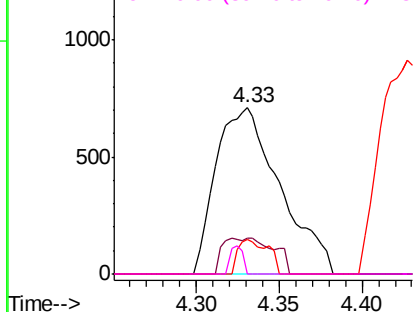


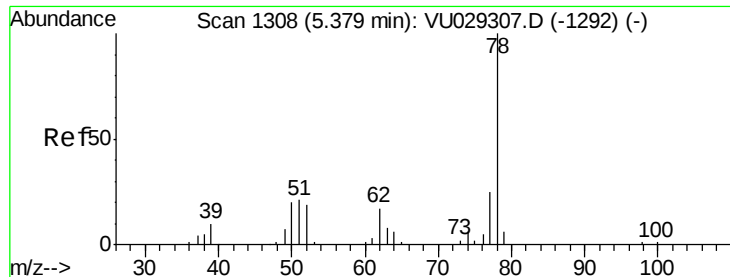
#34
 Propionitrile
 Concen: 9.505 ug/l
 RT: 4.33 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 54 Resp: 1905
 Ion Ratio Lower Upper
 54 100
 52 7.1 18.9 28.3#
 55 9.9 15.1 22.7#
 40 3.4 7.2 10.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.927 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

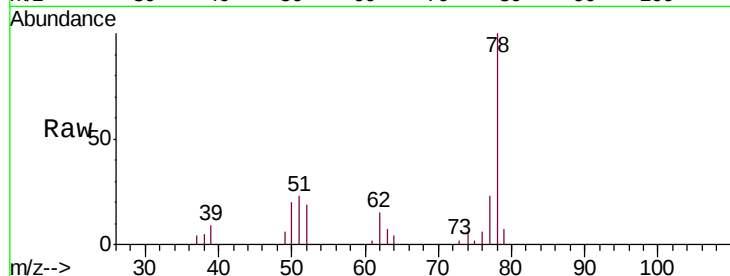
VU0130WBSD01

Tgt Ion: 78 Resp: 18564

Ion Ratio Lower Upper

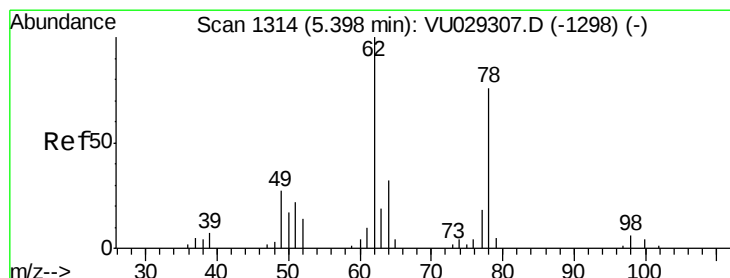
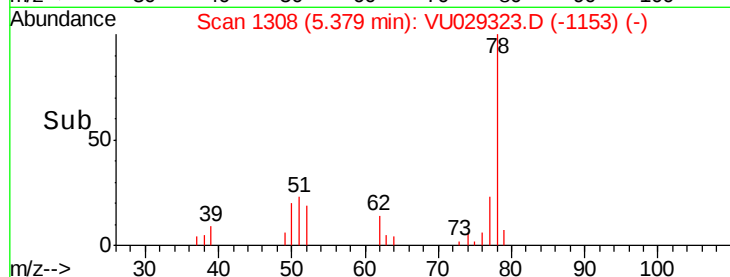
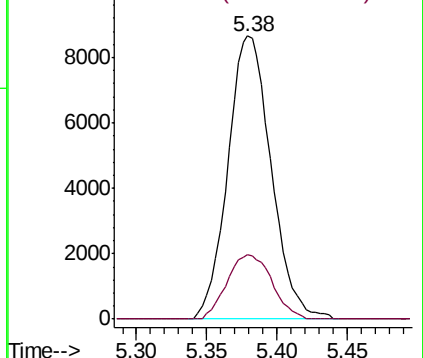
78 100

77 22.6 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.015 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029323.D

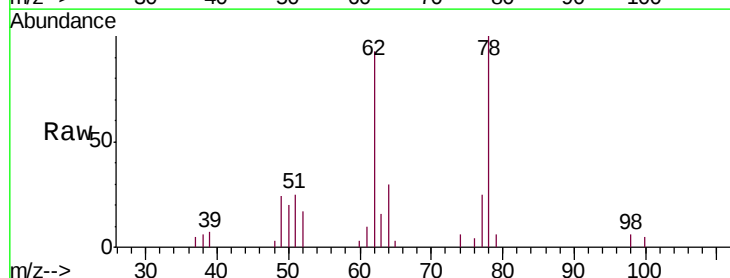
Acq: 30 Jan 2019 18:29

Tgt Ion: 62 Resp: 8037

Ion Ratio Lower Upper

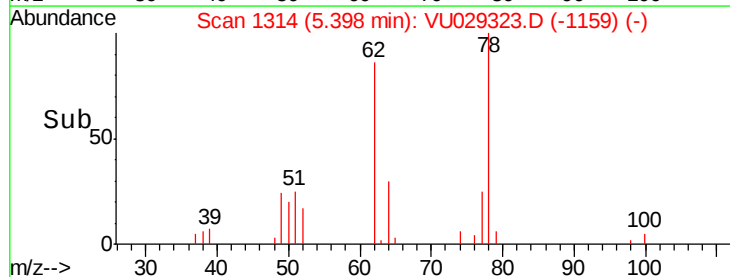
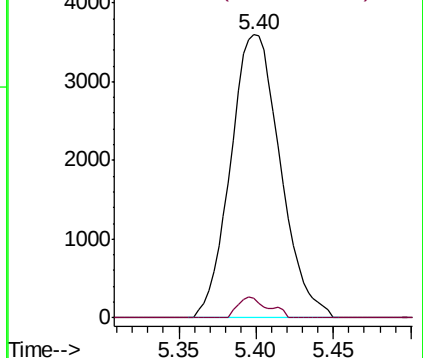
62 100

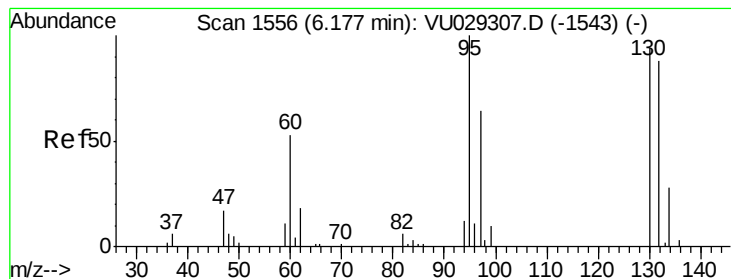
98 3.5 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 2.075 ug/l

RT: 6.18 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

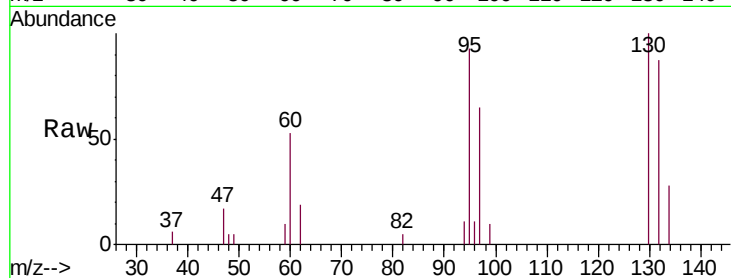
VU0130WBSD01

Tgt Ion:130 Resp: 5034

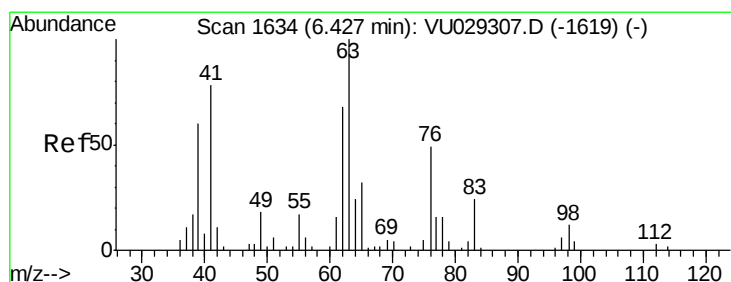
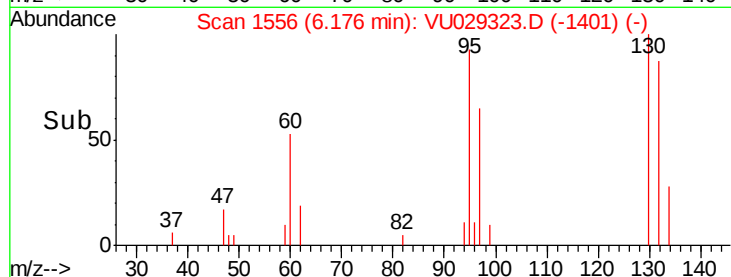
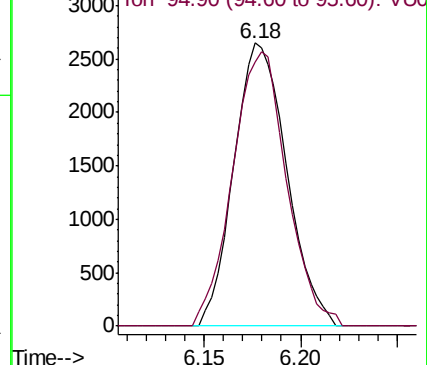
Ion Ratio Lower Upper

130 100

95 93.2 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029307.D (-1543) (-)



#38

1,2-Dichloropropane

Concen: 1.909 ug/l

RT: 6.42 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VU029323.D

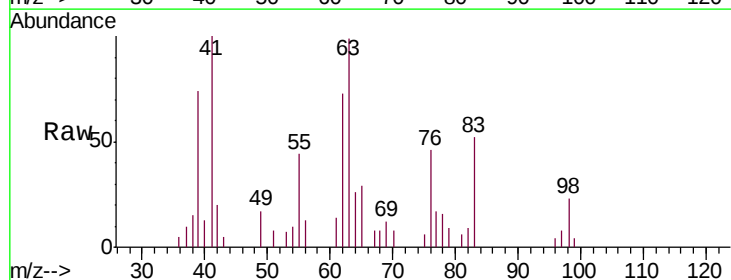
Acq: 30 Jan 2019 18:29

Tgt Ion: 63 Resp: 5034

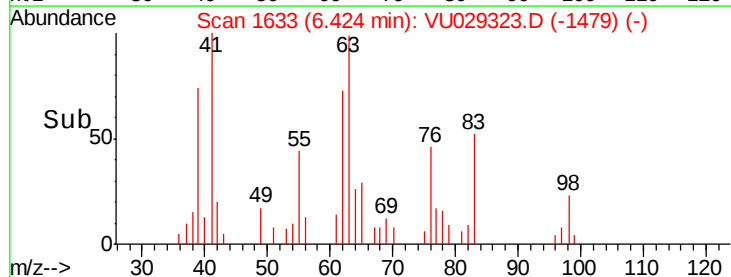
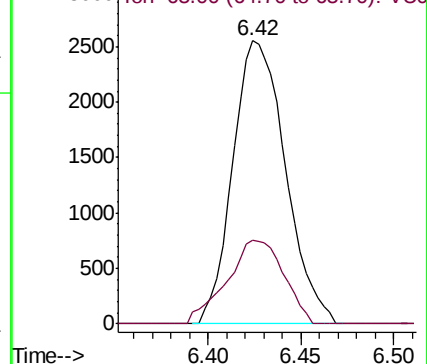
Ion Ratio Lower Upper

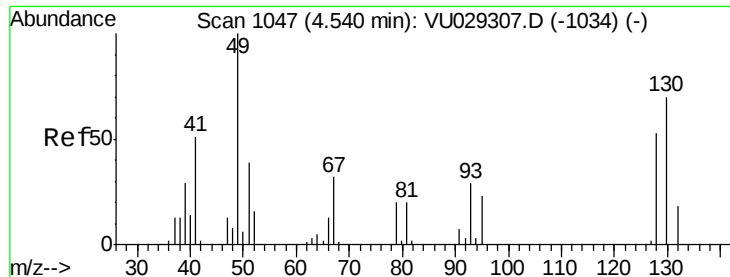
63 100

65 29.6 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029307.D (-1619) (-)

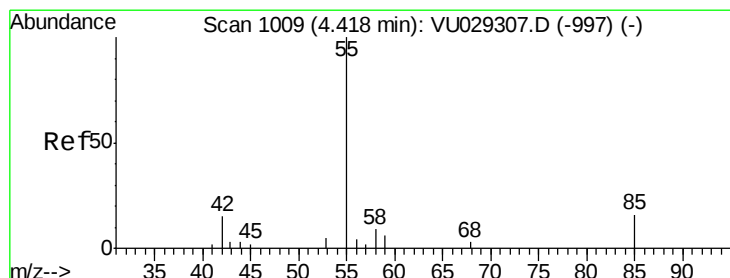
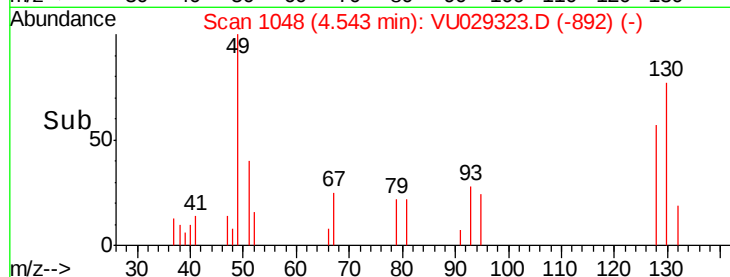
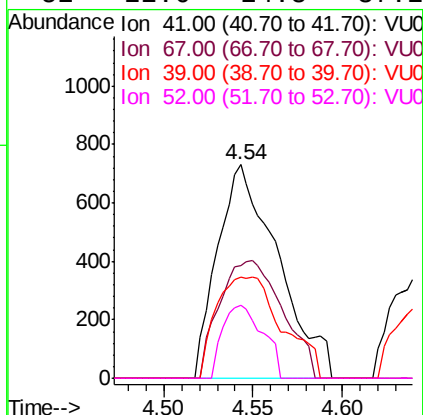
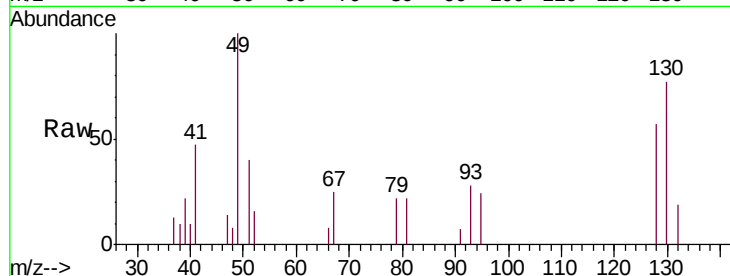




#39
Methacrylonitrile
Concen: 1.795 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

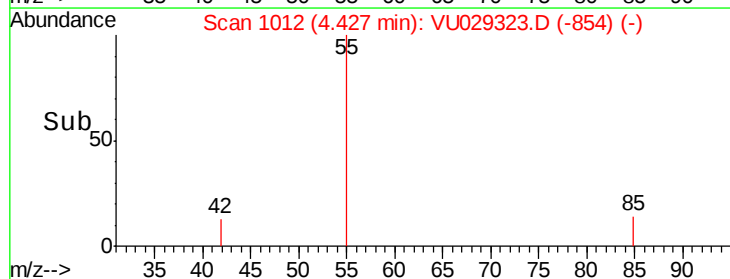
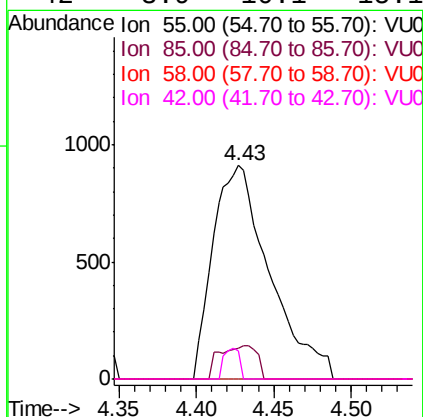
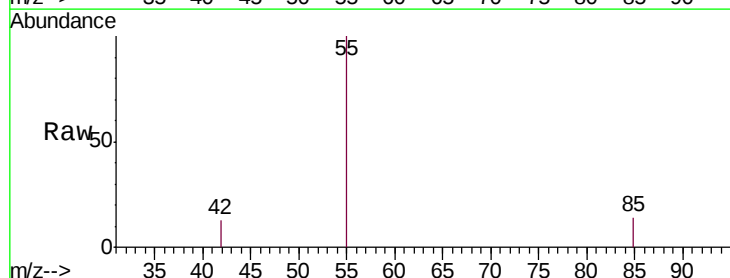
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

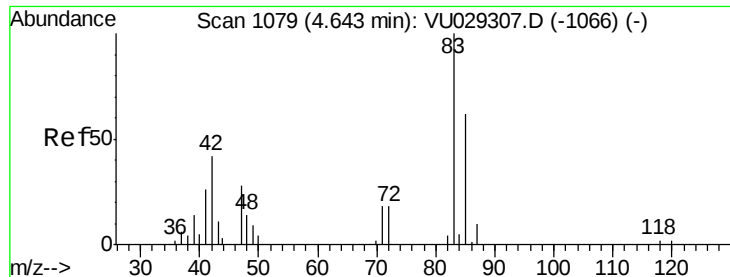
Tgt Ion: 41 Resp: 1726
Ion Ratio Lower Upper
41 100
67 57.4 50.1 75.1
39 51.6 47.9 71.9
52 22.6 24.8 37.2#



#40
Methyl acrylate
Concen: 1.789 ug/l
RT: 4.43 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 55 Resp: 2326
Ion Ratio Lower Upper
55 100
85 10.2 11.3 16.9#
58 0.0 6.2 9.4#
42 3.9 10.1 15.1#

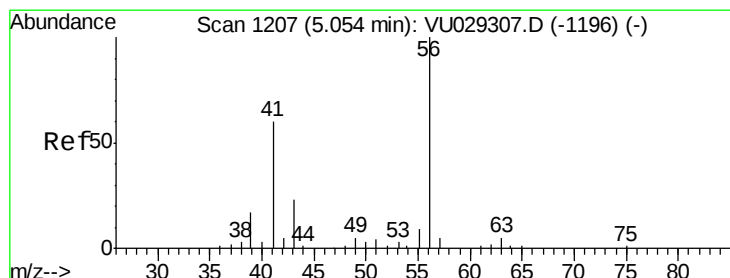
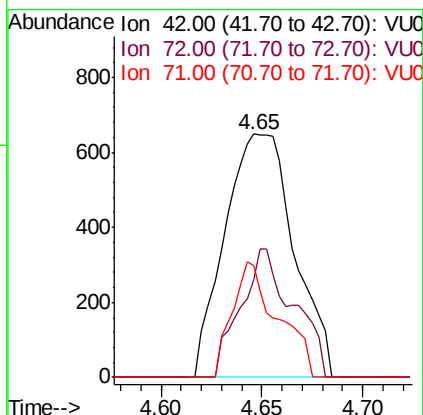
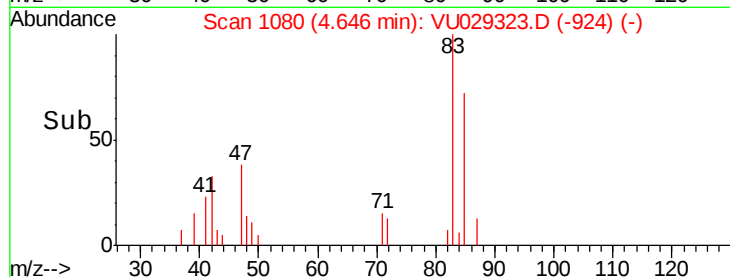
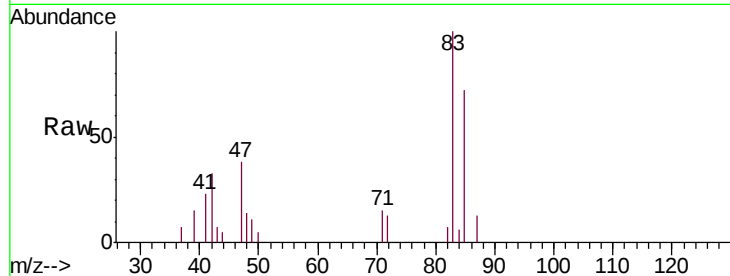




#41
Tetrahydrofuran
Concen: 3.458 ug/l
RT: 4.65 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

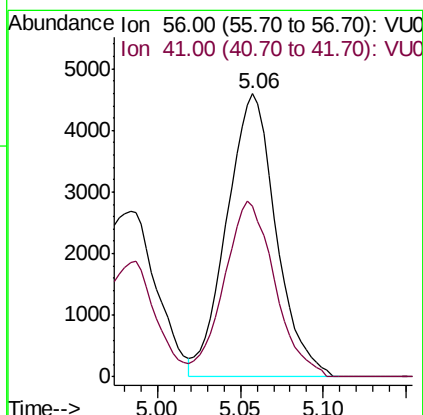
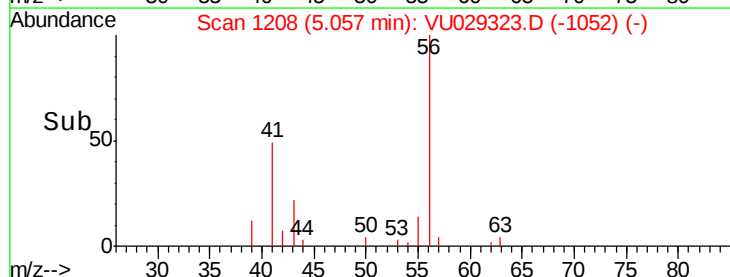
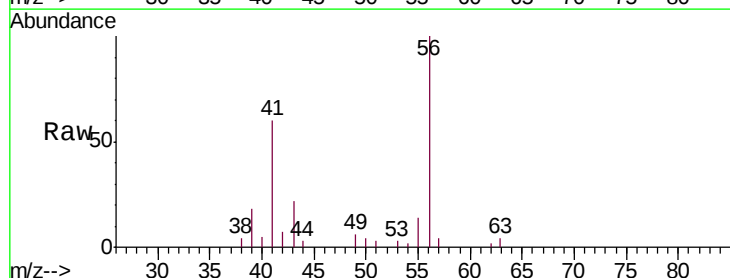
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

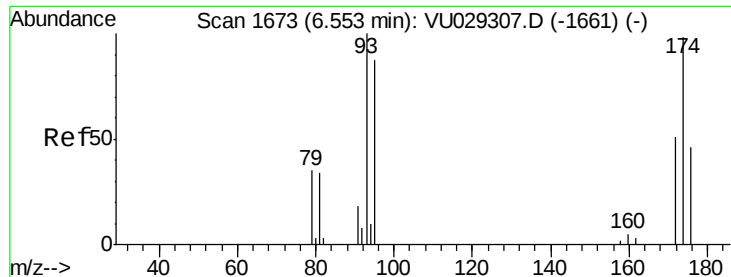
Tgt Ion: 42 Resp: 1554
Ion Ratio Lower Upper
42 100
72 40.0 33.1 49.7
71 31.4 30.2 45.2



#42
1-Chlorobutane
Concen: 1.774 ug/l
RT: 5.06 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 56 Resp: 9519
Ion Ratio Lower Upper
56 100
41 63.7 31.3 93.8





#43

Dibromomethane

Concen: 1.963 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

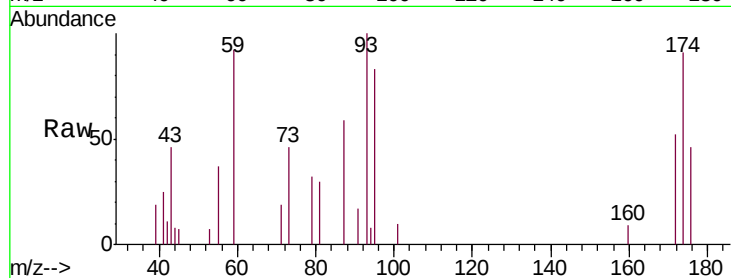
Tgt Ion: 93 Resp: 2582

Ion Ratio Lower Upper

93 100

95 82.0 68.2 102.2

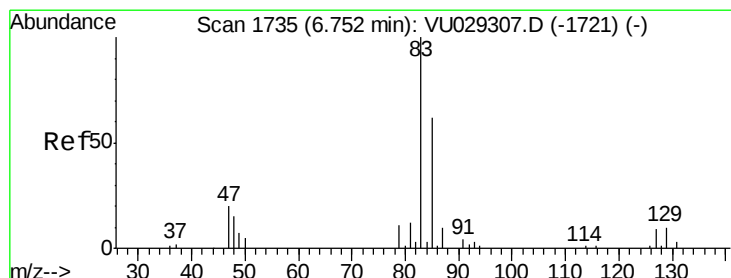
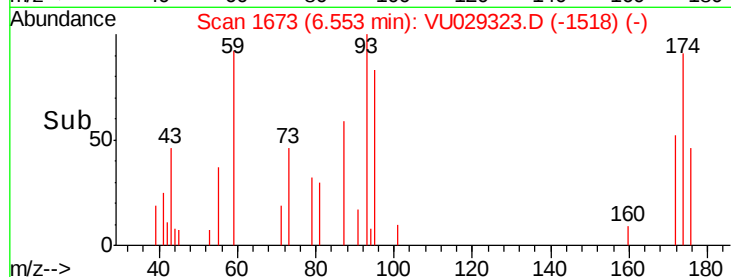
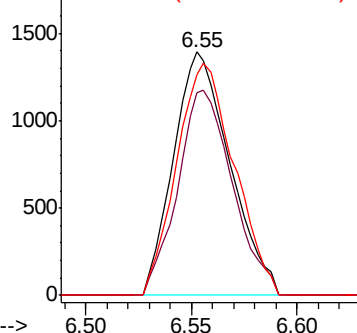
174 97.5 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.963 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

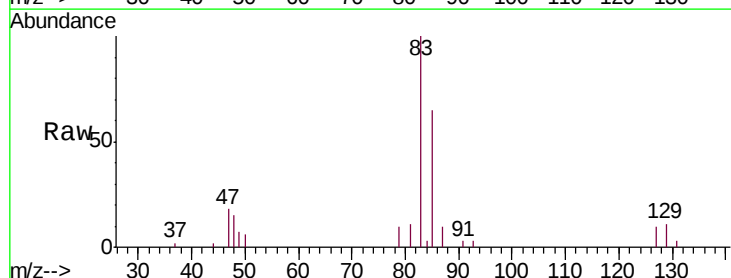
Tgt Ion: 83 Resp: 7509

Ion Ratio Lower Upper

83 100

85 64.6 49.2 73.8

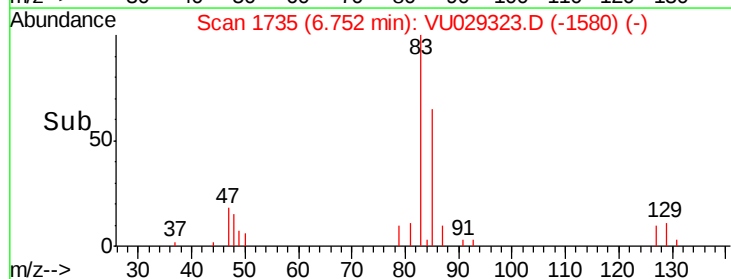
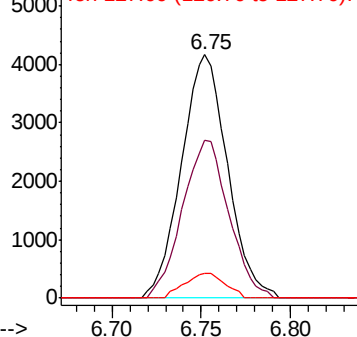
127 10.3 7.0 10.6

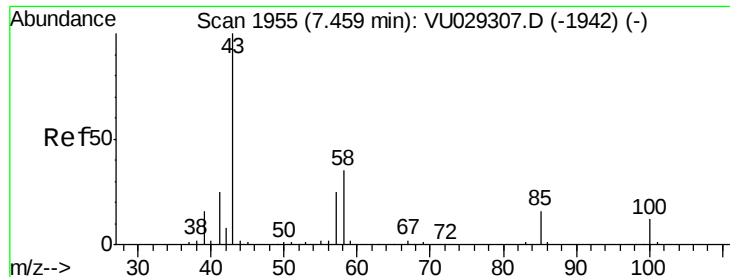


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

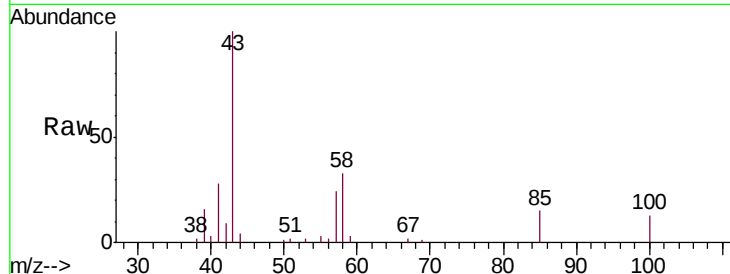




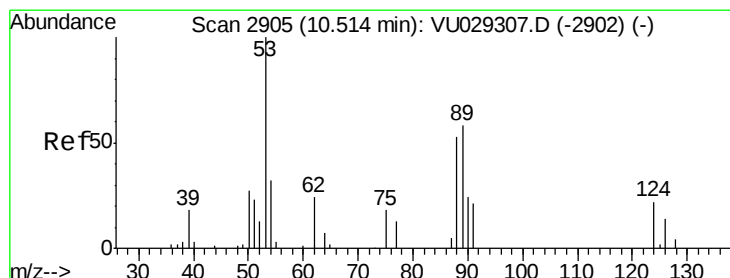
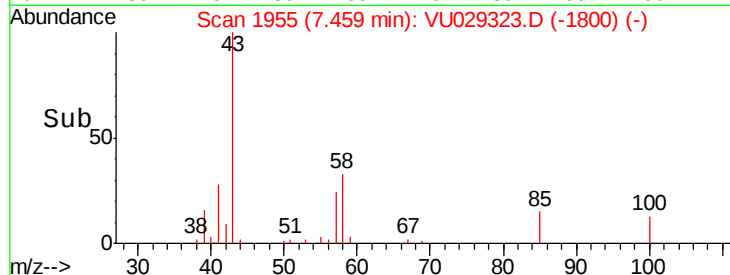
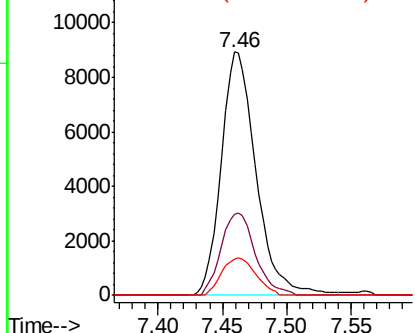
#45
 4-Methyl-2-Pentanone
 Concen: 9.226 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

Tgt Ion: 43 Resp: 16781
 Ion Ratio Lower Upper
 43 100
 58 33.2 17.6 52.8
 85 15.0 12.3 18.5

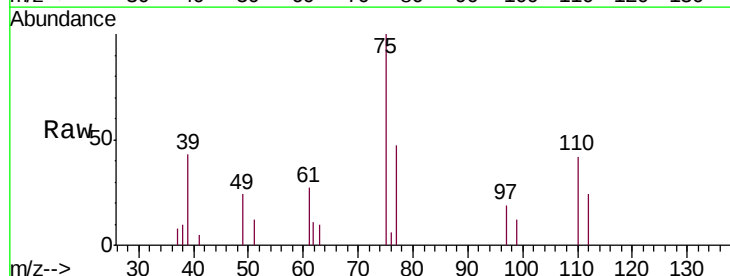


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

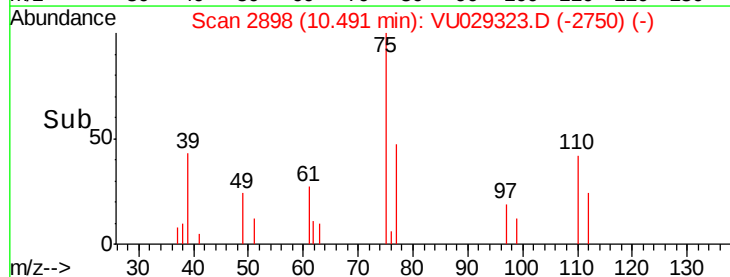
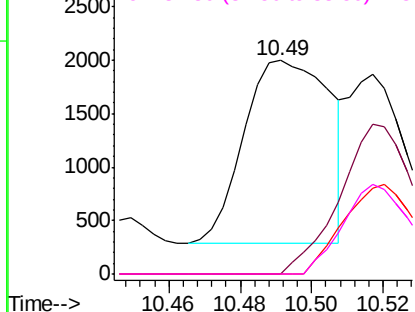


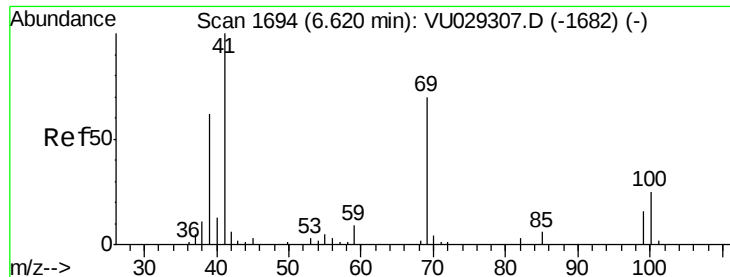
#46
 t-1,4-Dichloro-2-butene
 Concen: 4.673 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.02 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 75 Resp: 2866
 Ion Ratio Lower Upper
 75 100
 53 75.2 78.2 117.4#
 89 42.3 44.2 66.4#
 88 41.3 41.4 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 3.740 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 69 Resp: 4159

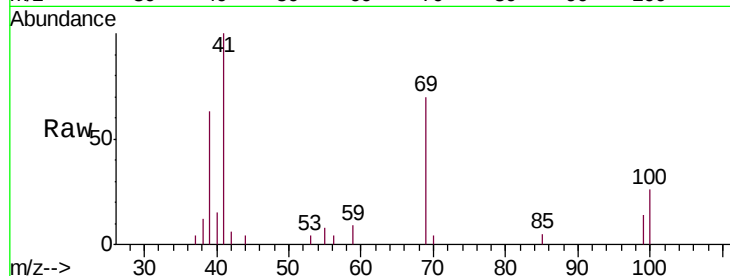
Ion Ratio Lower Upper

69 100

41 132.4 0.0 296.2

39 87.5 71.2 106.8

100 34.2 28.6 42.8

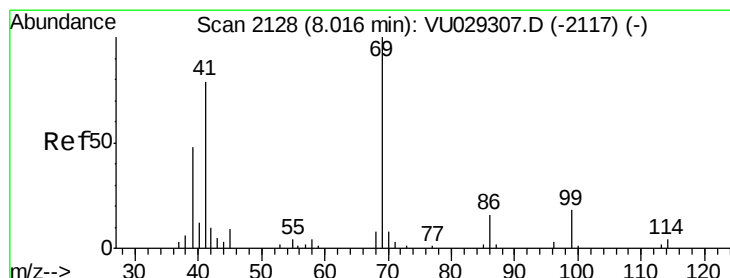
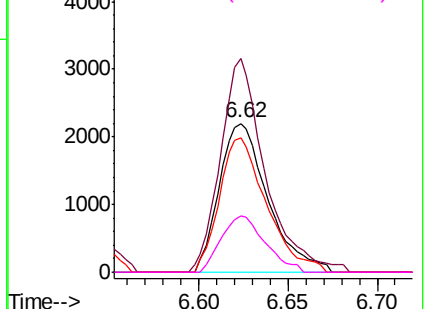
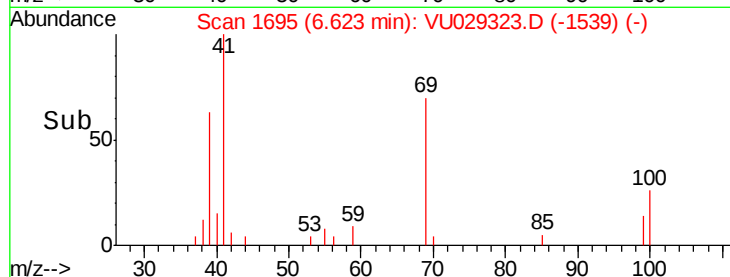


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.873 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU029323.D

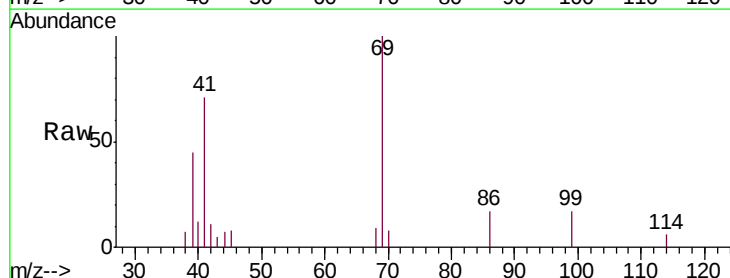
Acq: 30 Jan 2019 18:29

Tgt Ion: 69 Resp: 3971

Ion Ratio Lower Upper

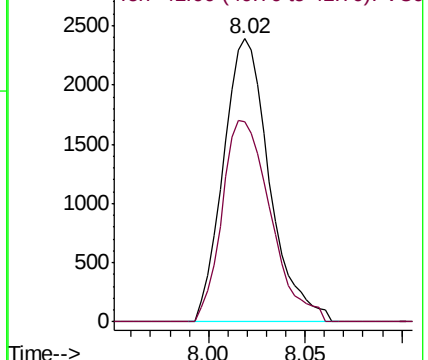
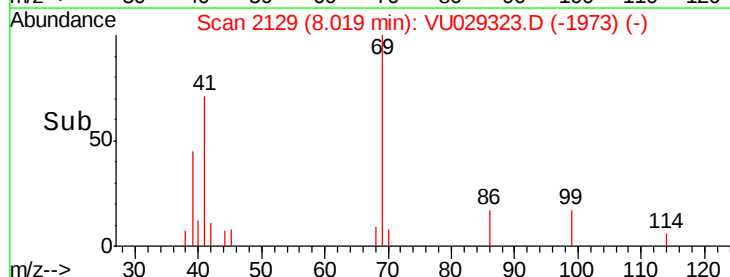
69 100

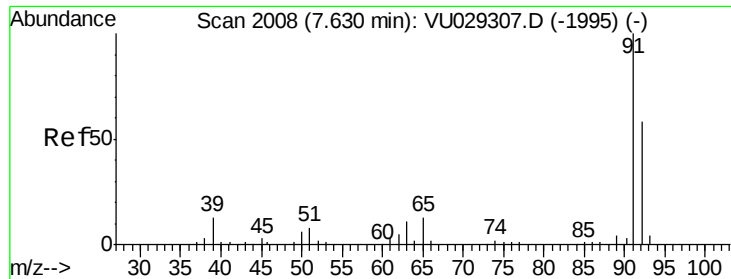
41 74.7 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.880 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

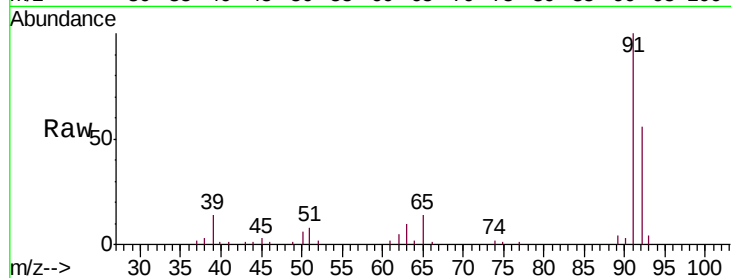
VU0130WBSD01

Tgt Ion: 92 Resp: 10512

Ion Ratio Lower Upper

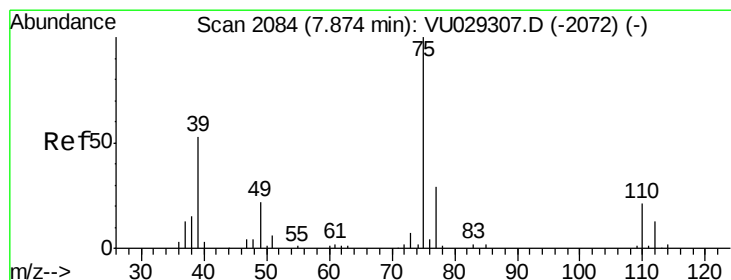
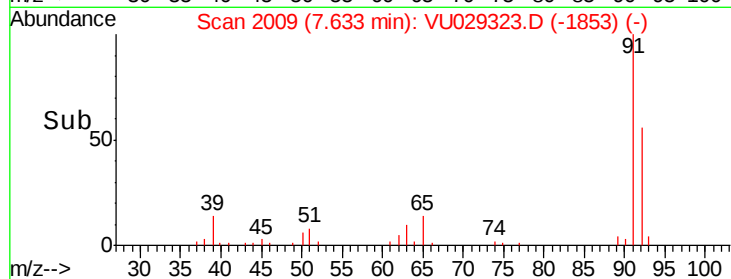
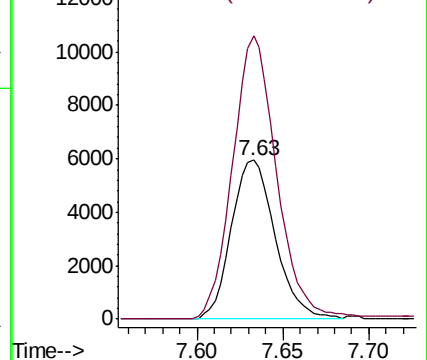
92 100

91 181.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.907 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029323.D

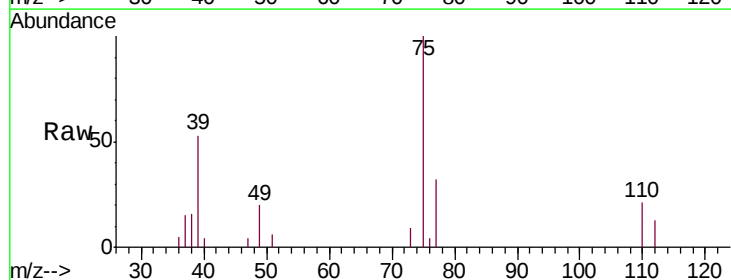
Acq: 30 Jan 2019 18:29

Tgt Ion: 75 Resp: 6236

Ion Ratio Lower Upper

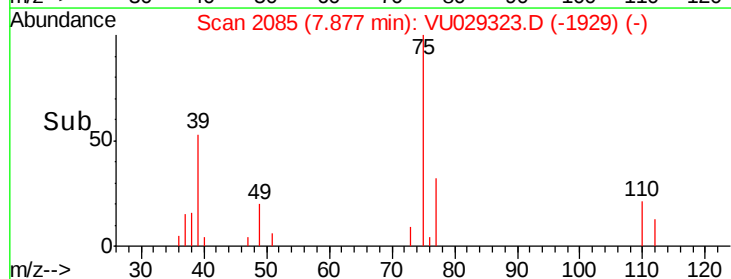
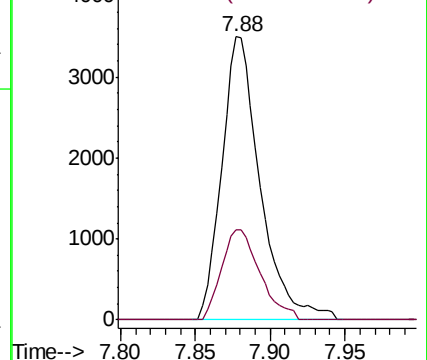
75 100

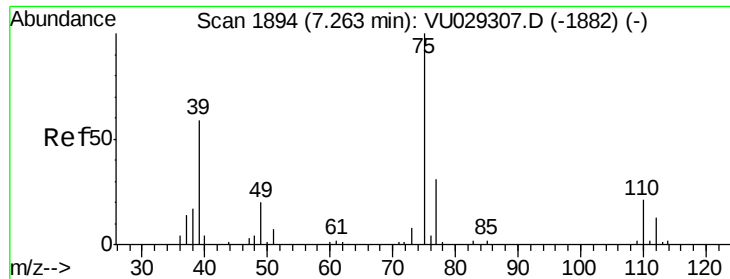
77 31.9 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

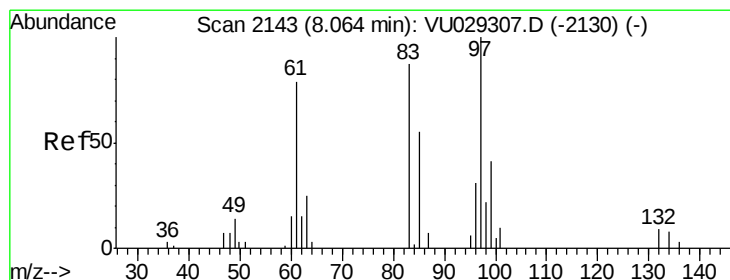
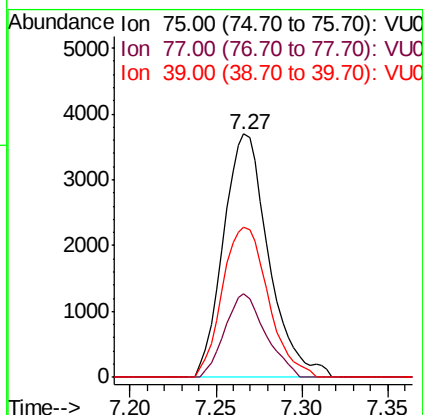
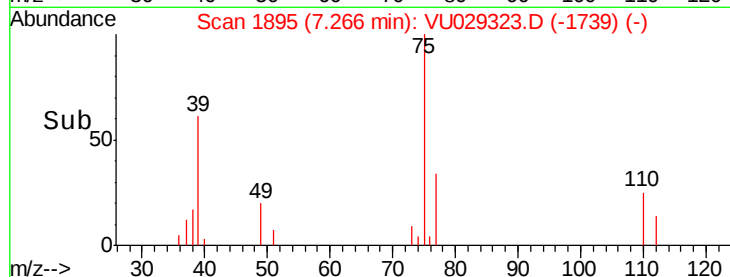
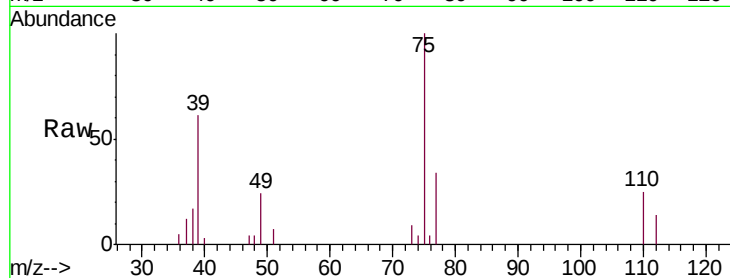




#51
 cis-1,3-Dichloropropene
 Concen: 1.871 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

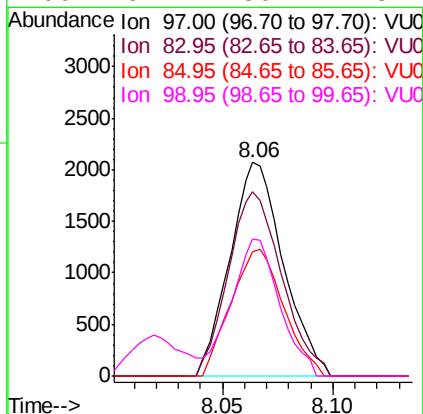
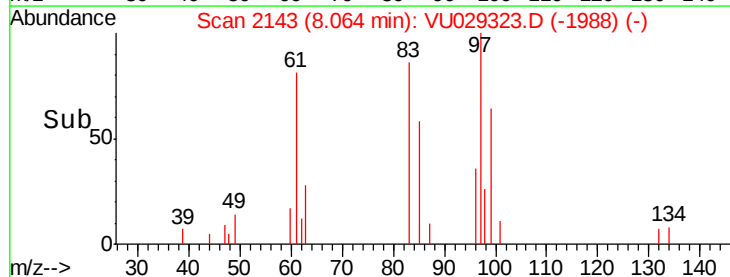
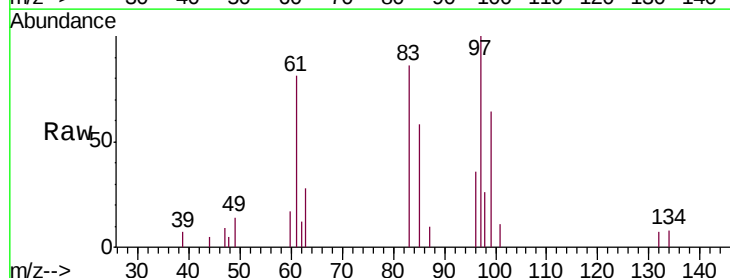
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

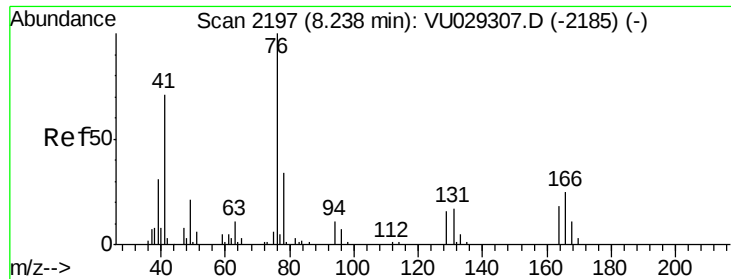
Tgt Ion: 75 Resp: 6753
 Ion Ratio Lower Upper
 75 100
 77 34.5 24.9 37.3
 39 61.5 47.2 70.8



#52
 1,1,2-Trichloroethane
 Concen: 2.024 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 97 Resp: 3489
 Ion Ratio Lower Upper
 97 100
 83 86.1 69.9 104.9
 85 58.0 45.8 68.6
 99 64.4 50.2 75.2

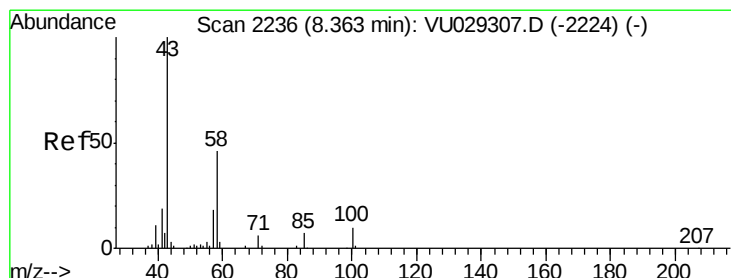
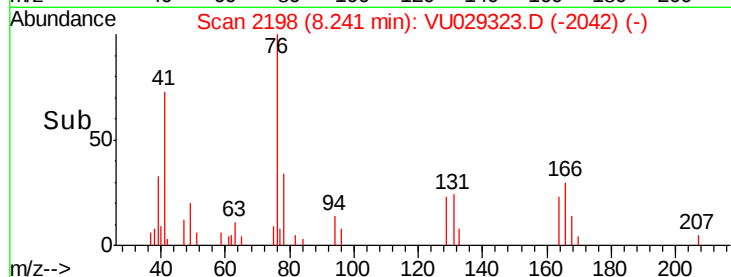
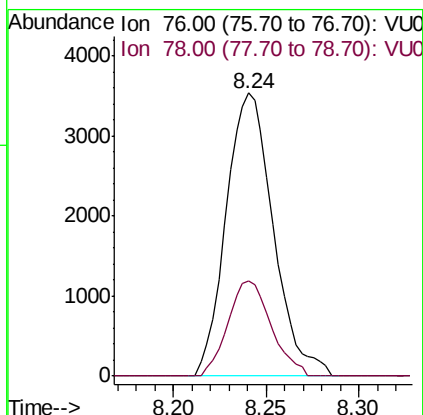
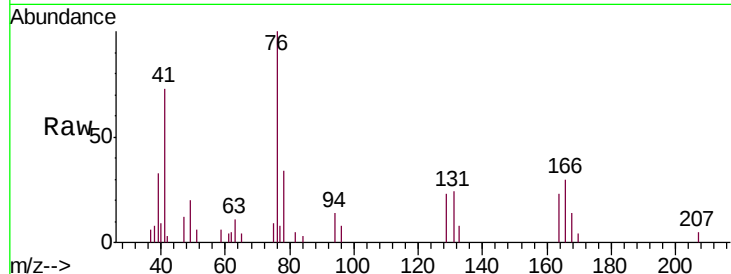




#53
 1,3-Dichloropropane
 Concen: 1.929 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

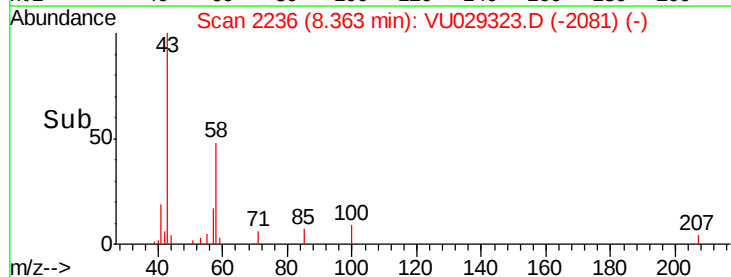
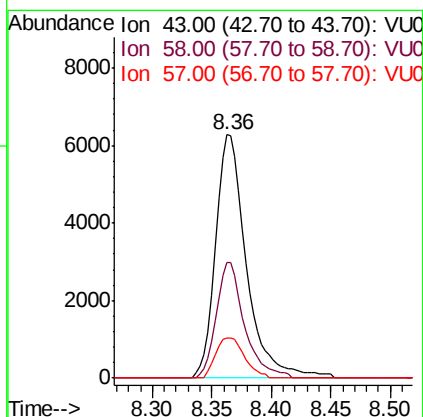
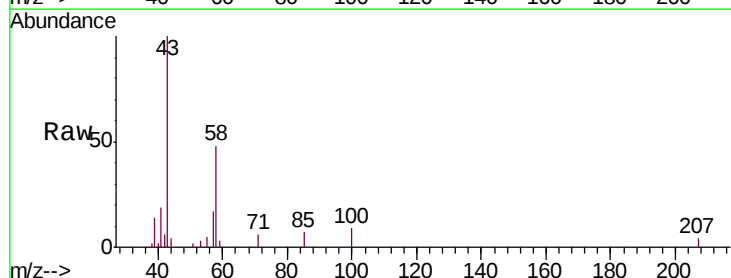
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

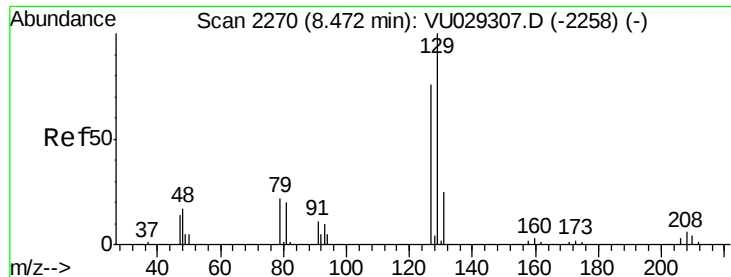
Tgt Ion: 76 Resp: 6236
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.3 39.5



#54
 2-Hexanone
 Concen: 8.770 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 43 Resp: 11288
 Ion Ratio Lower Upper
 43 100
 58 43.6 26.0 66.0
 57 15.5 0.0 37.7





#55

Dibromochloromethane

Concen: 2.058 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

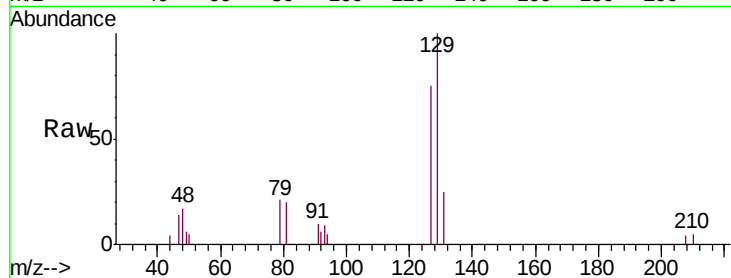
VU0130WBSD01

Tgt Ion:129 Resp: 4781

Ion Ratio Lower Upper

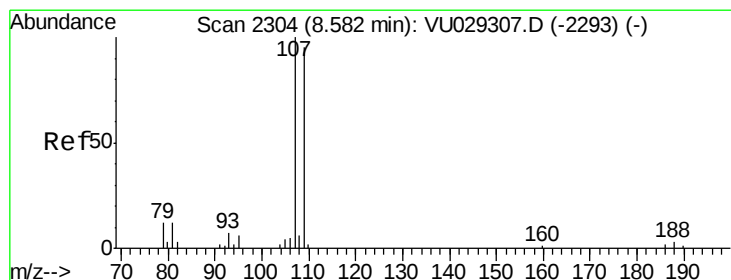
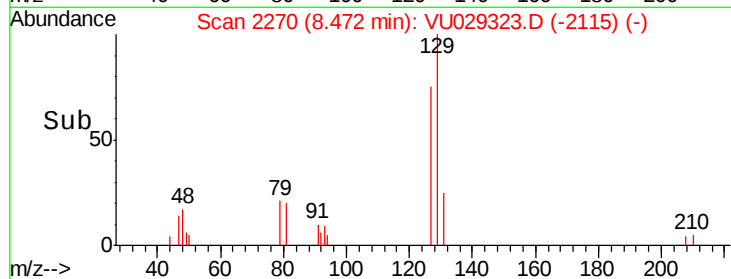
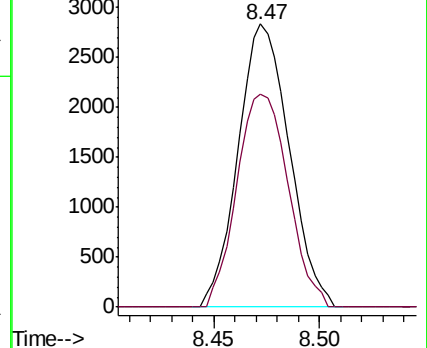
129 100

127 75.5 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.985 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029323.D

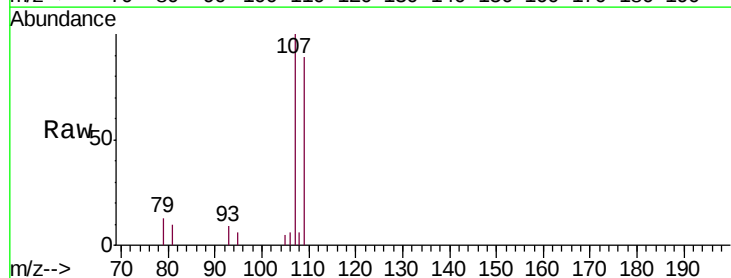
Acq: 30 Jan 2019 18:29

Tgt Ion:107 Resp: 3145

Ion Ratio Lower Upper

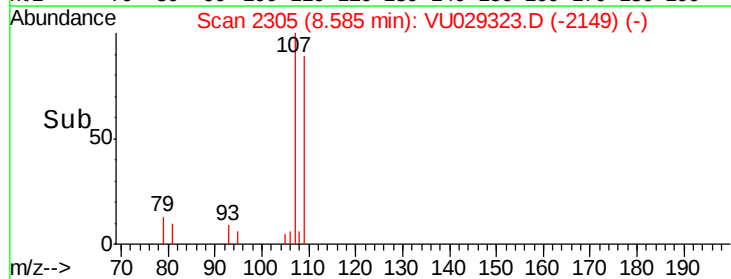
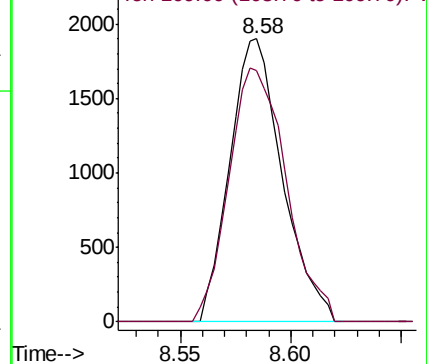
107 100

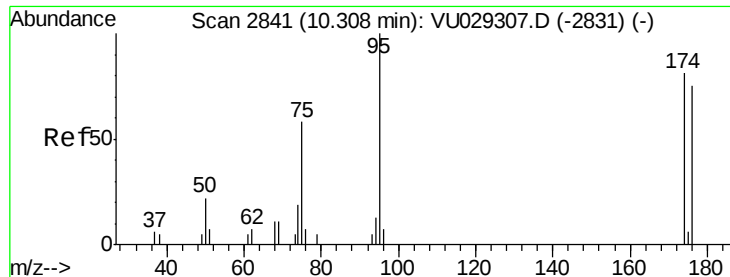
109 97.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.985 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

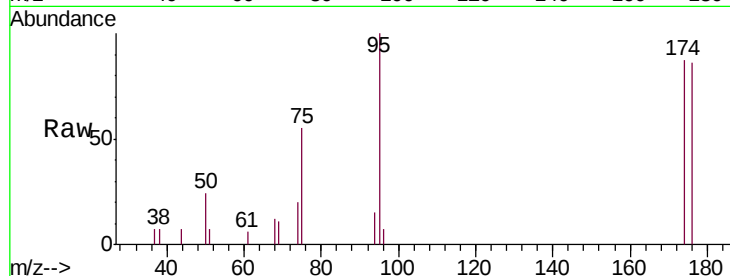
Tgt Ion: 95 Resp: 2774

Ion Ratio Lower Upper

95 100

174 83.4 64.2 96.2

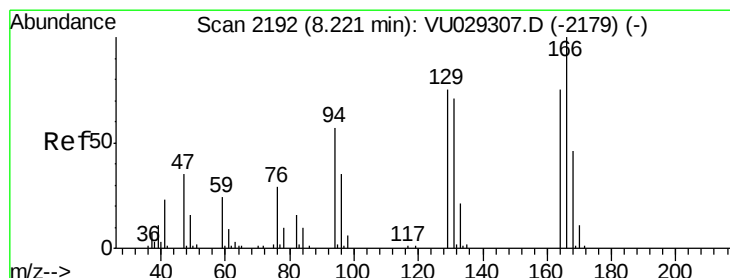
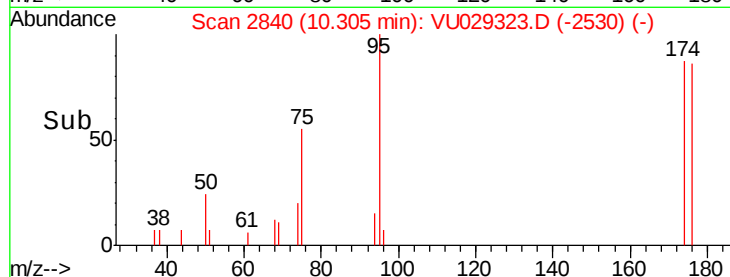
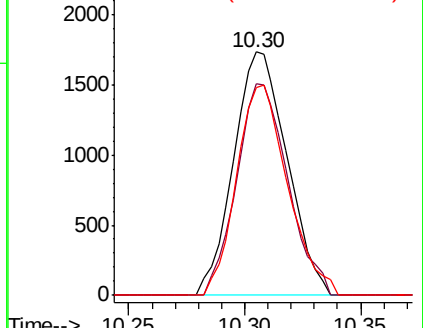
176 82.8 62.3 93.5



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



#58

Tetrachloroethene

Concen: 1.991 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Tgt Ion: 164 Resp: 4585

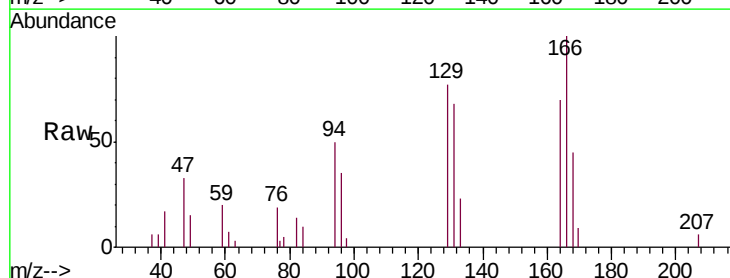
Ion Ratio Lower Upper

164 100

166 142.1 106.6 159.8

129 108.9 79.9 119.9

131 97.3 75.8 113.8

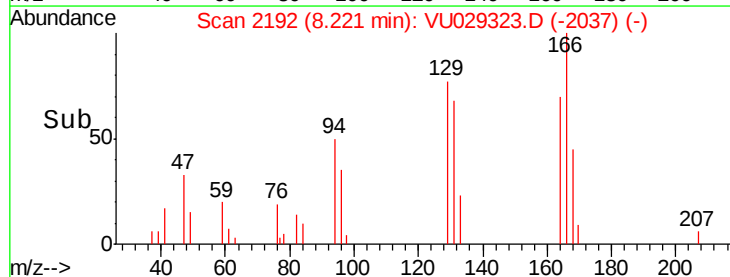
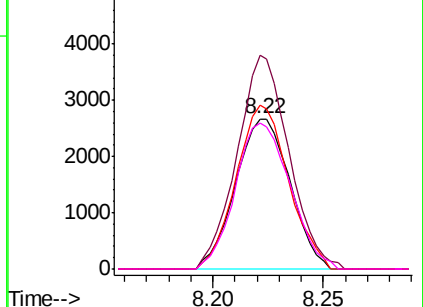


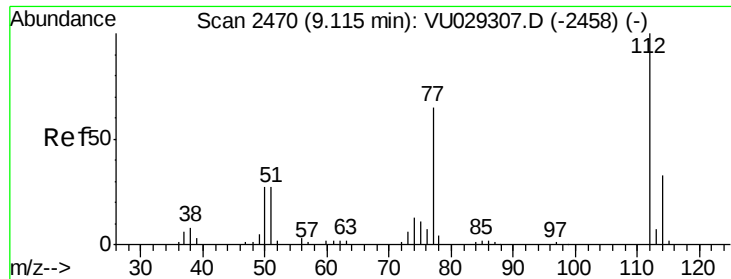
Abundance Ion 163.85 (163.55 to 164.55): V

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





#59

Chlorobenzene

Concen: 1.945 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

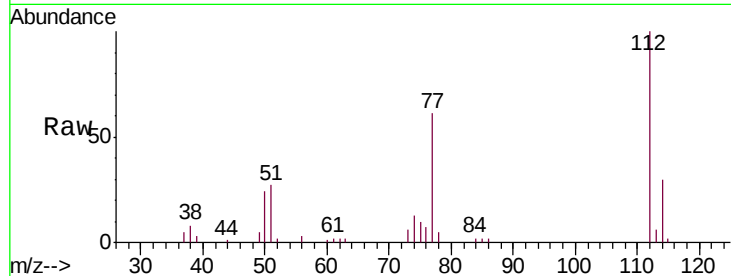
VU0130WBSD01

Tgt Ion:112 Resp: 11821

Ion Ratio Lower Upper

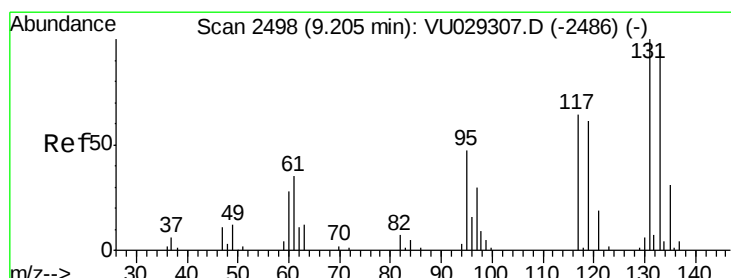
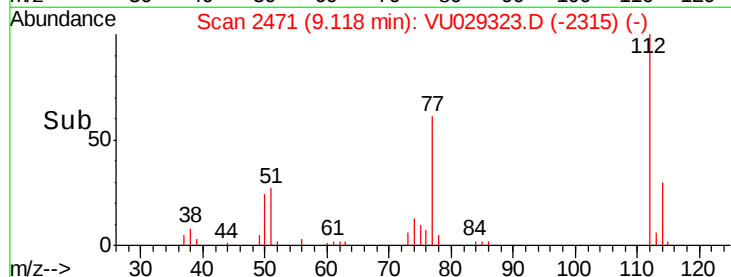
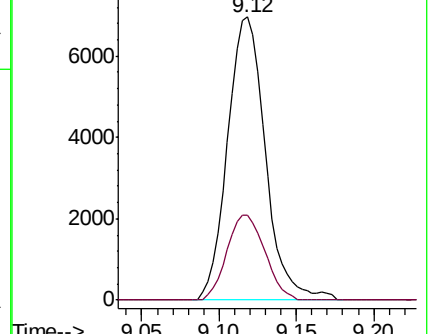
112 100

114 29.9 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.018 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

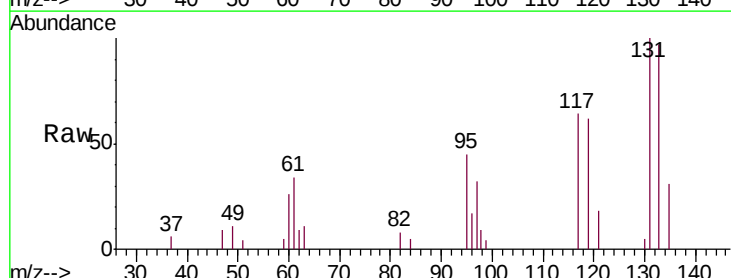
Tgt Ion:131 Resp: 5063

Ion Ratio Lower Upper

131 100

133 94.4 77.3 115.9

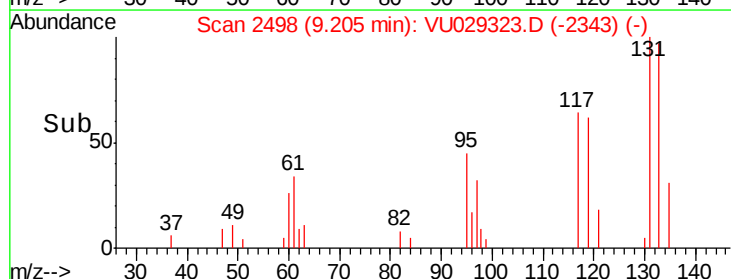
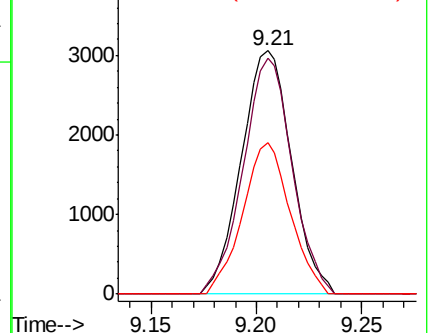
119 58.7 48.9 73.3

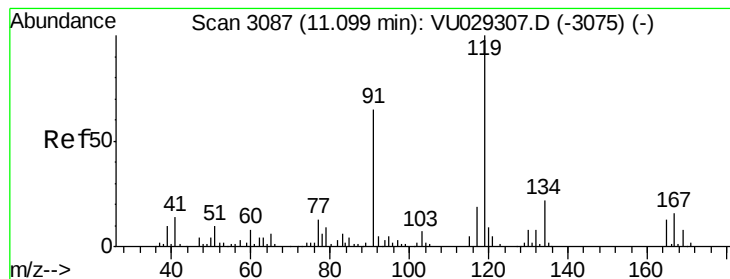


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.941 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

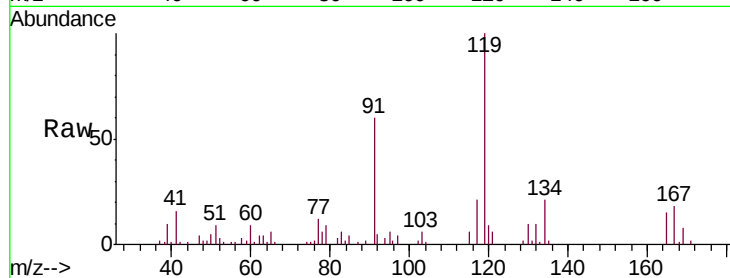
VU0130WBSD01

Tgt Ion:117 Resp: 3750

Ion Ratio Lower Upper

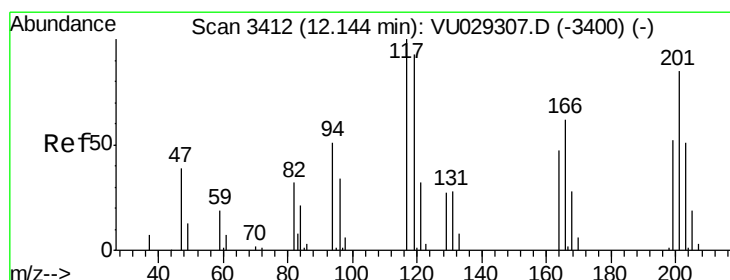
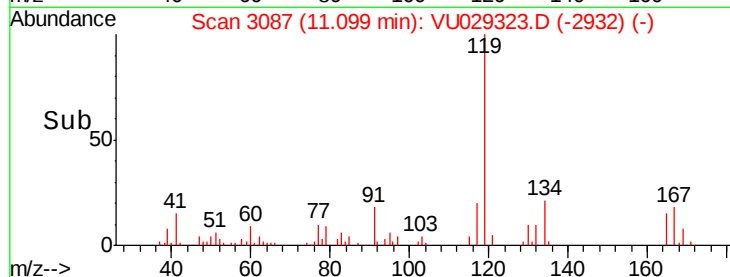
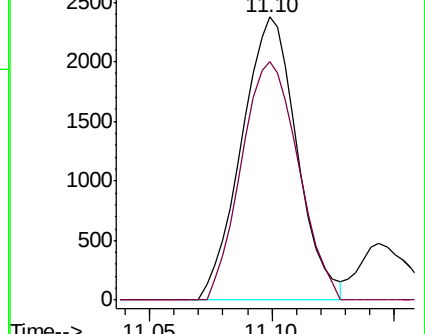
117 100

167 86.4 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.979 ug/l

RT: 12.14 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VU029323.D

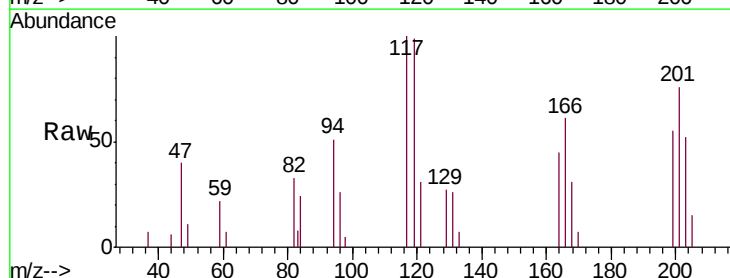
Acq: 30 Jan 2019 18:29

Tgt Ion:117 Resp: 3675

Ion Ratio Lower Upper

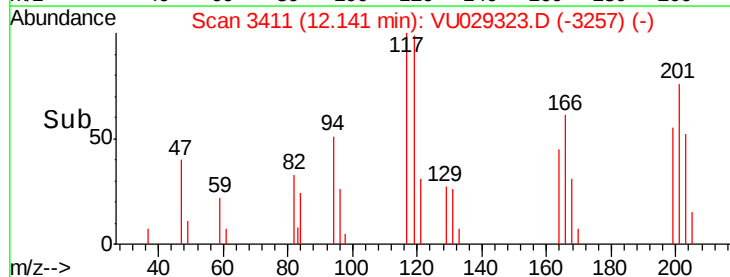
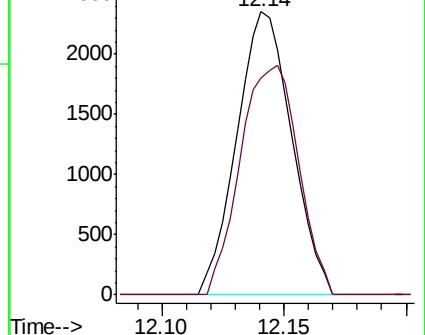
117 100

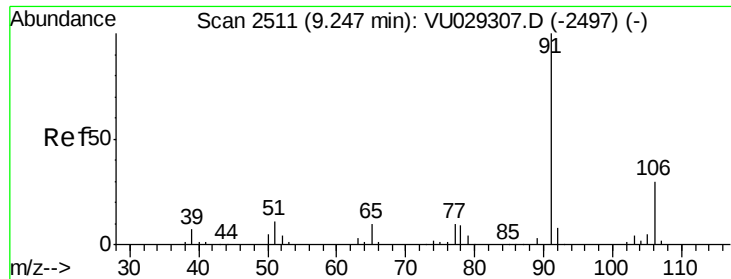
201 85.7 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

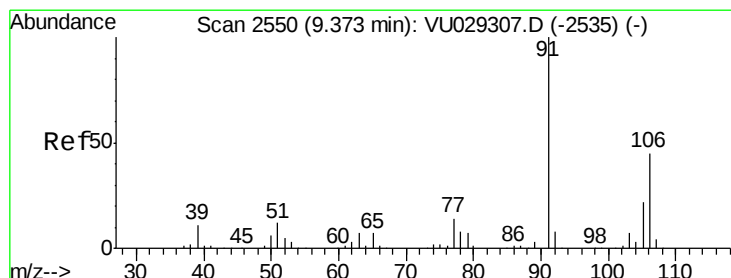
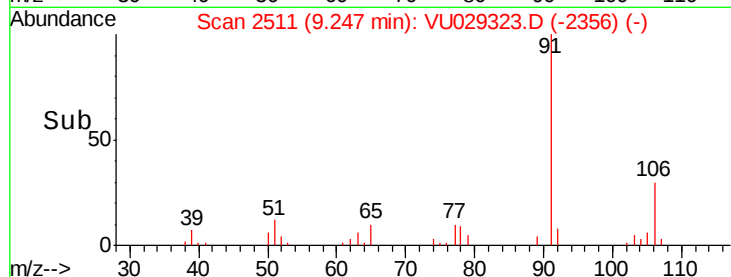
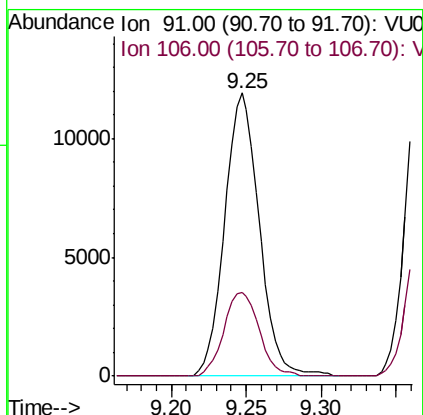
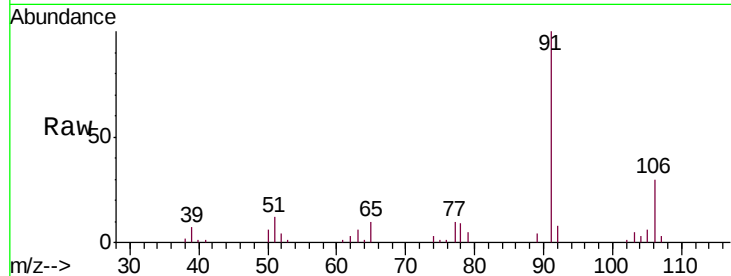




#63
Ethyl Benzene
Concen: 1.805 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

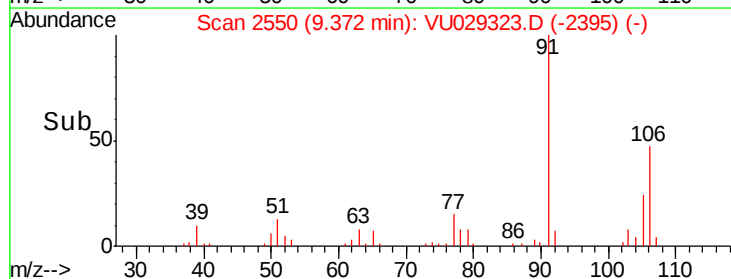
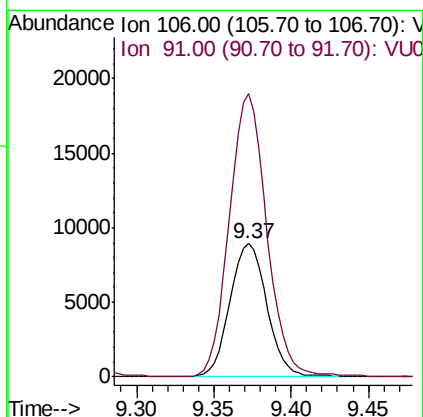
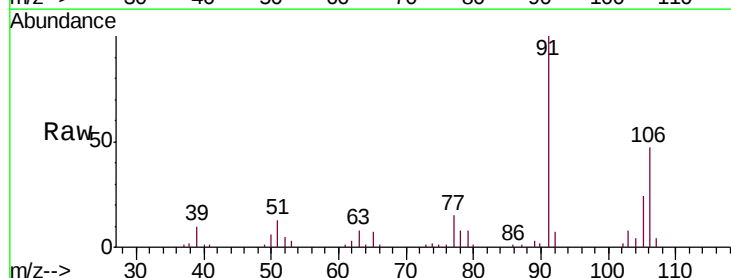
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

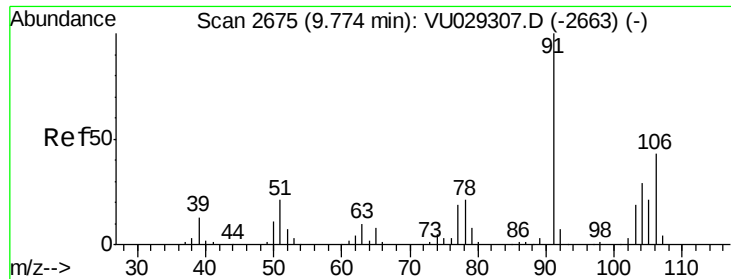
Tgt Ion: 91 Resp: 19170
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#64
m/p-Xylenes
Concen: 3.716 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion: 106 Resp: 14830
Ion Ratio Lower Upper
106 100
91 214.4 174.6 261.8

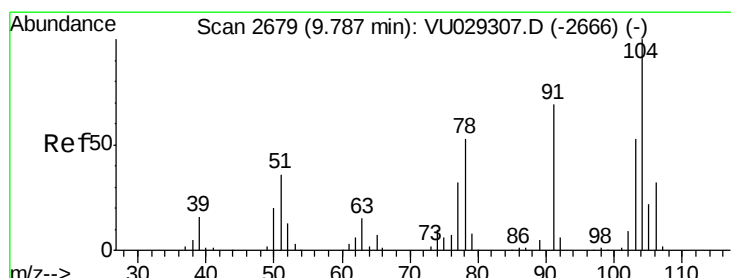
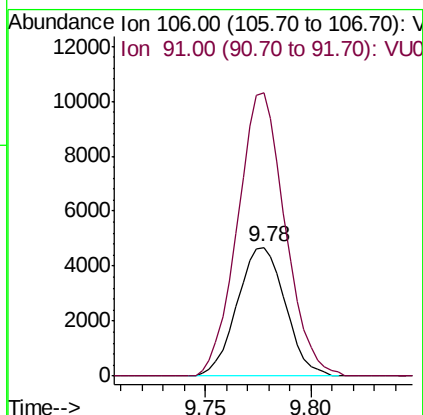
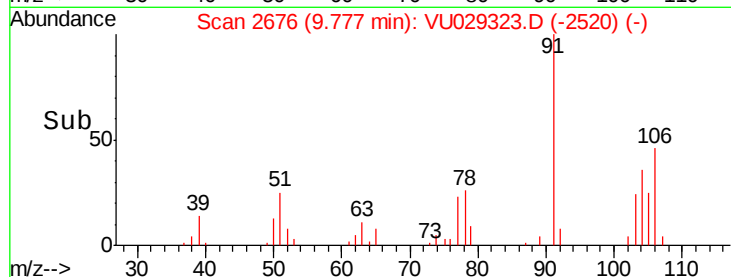
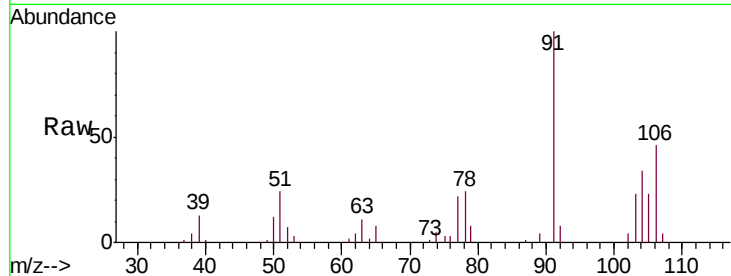




#65
o-Xylene
Concen: 1.930 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

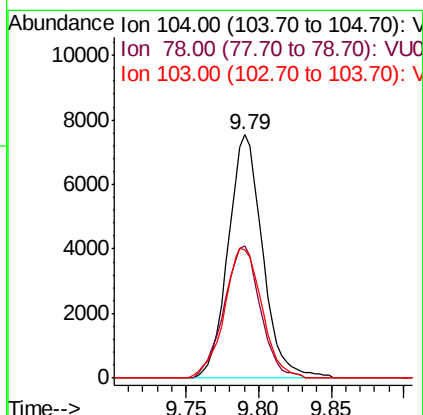
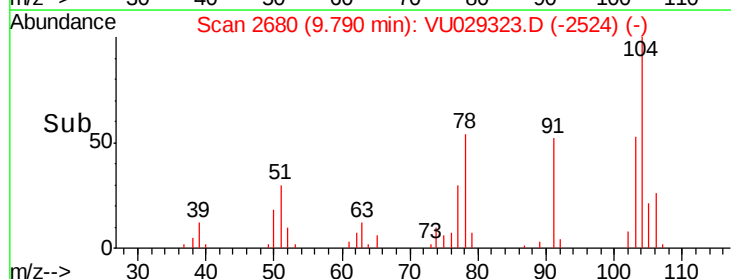
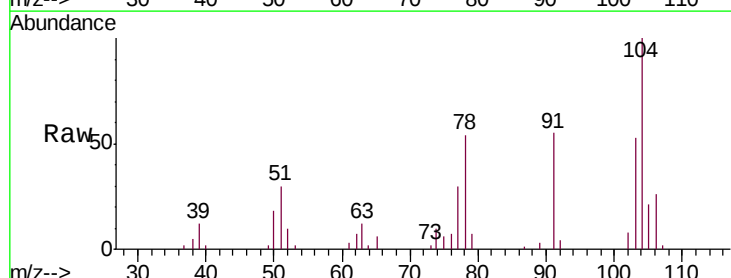
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

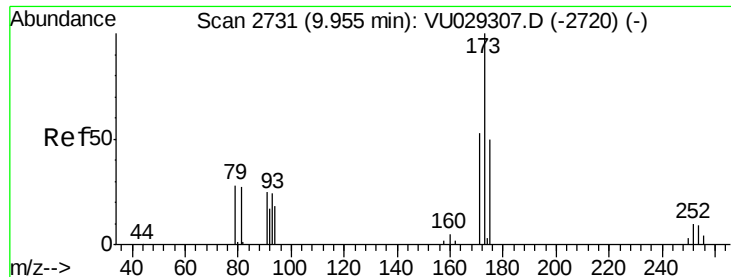
Tgt Ion:106 Resp: 7386
Ion Ratio Lower Upper
106 100
91 218.4 114.5 343.4



#66
Styrene
Concen: 1.882 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion:104 Resp: 12413
Ion Ratio Lower Upper
104 100
78 57.0 46.5 69.7
103 58.2 44.7 67.1





#67

Bromoform

Concen: 2.024 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

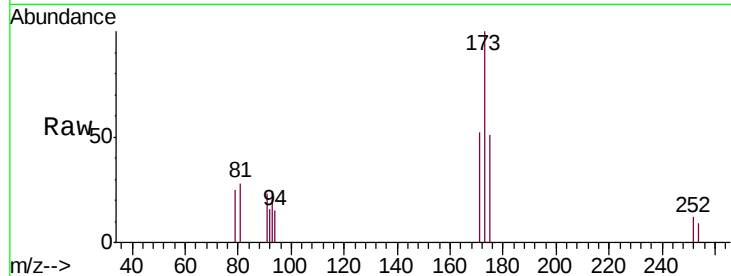
Tgt Ion:173 Resp: 2719

Ion Ratio Lower Upper

173 100

175 49.9 38.9 58.3

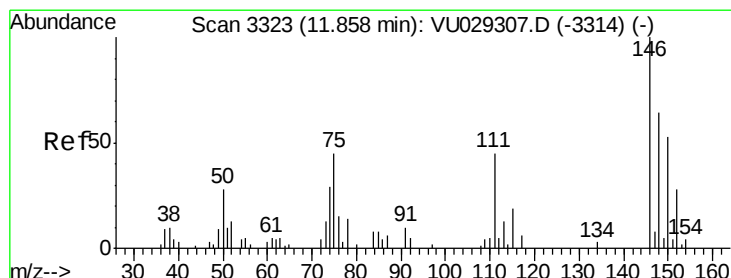
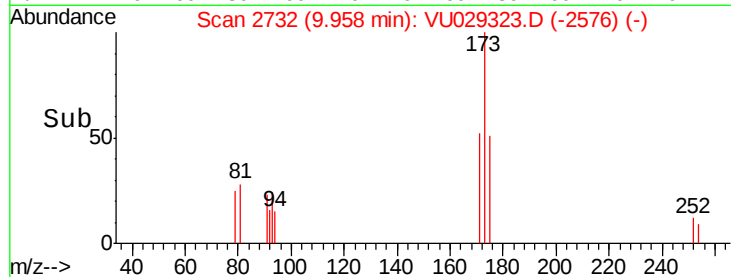
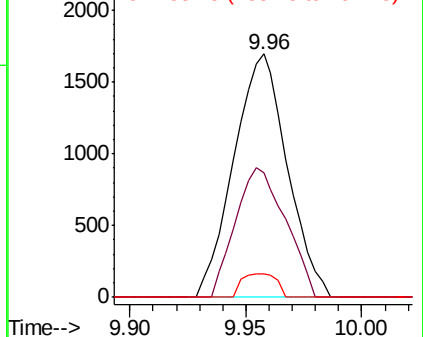
254 6.3 7.4 11.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 2.024 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

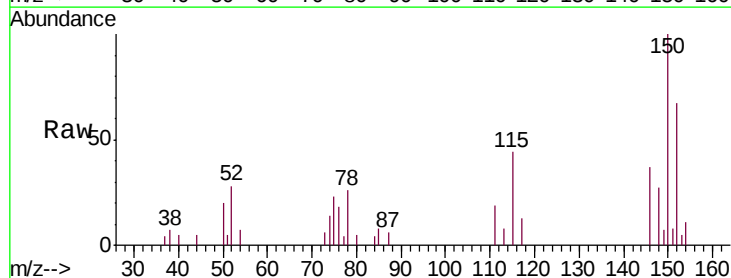
Tgt Ion:152 Resp: 3094

Ion Ratio Lower Upper

152 100

115 83.3 0.0 133.4

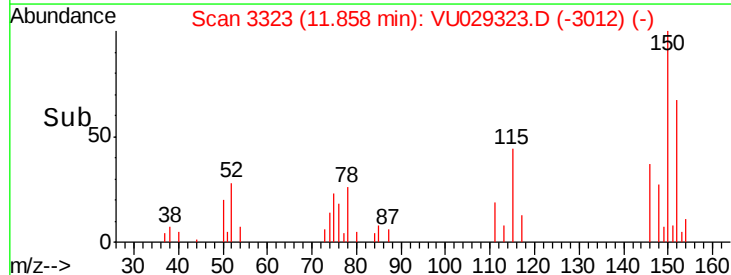
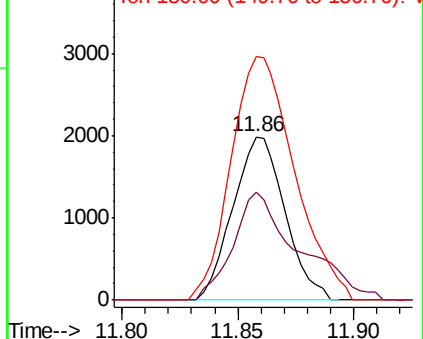
150 181.8 0.0 670.8

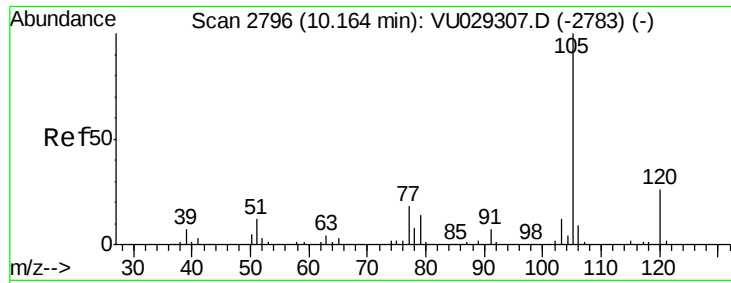


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.891 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

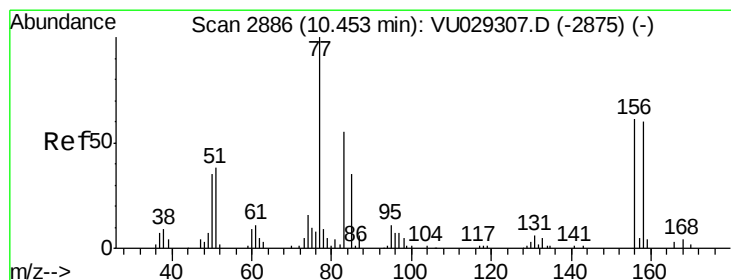
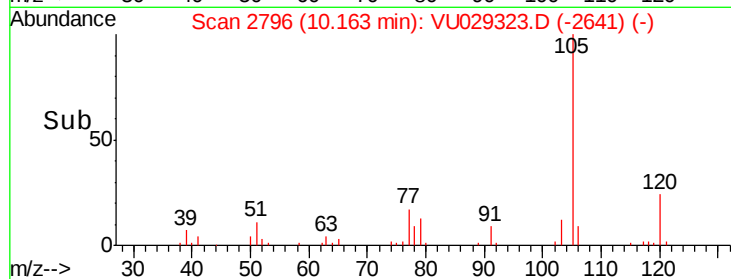
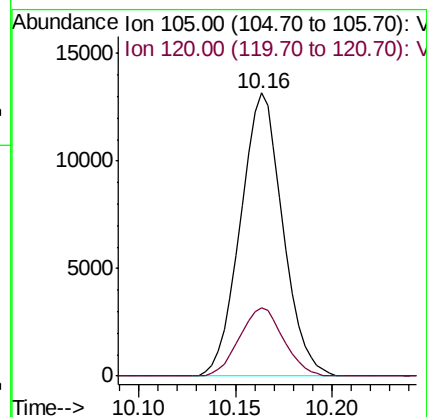
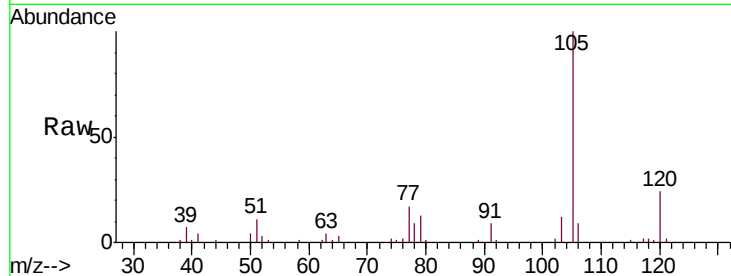
VU0130WBSD01

Tgt Ion:105 Resp: 20023

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.993 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

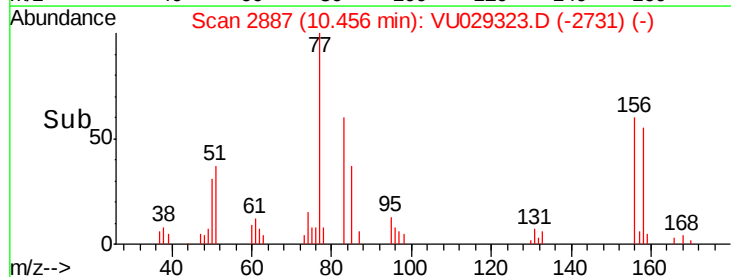
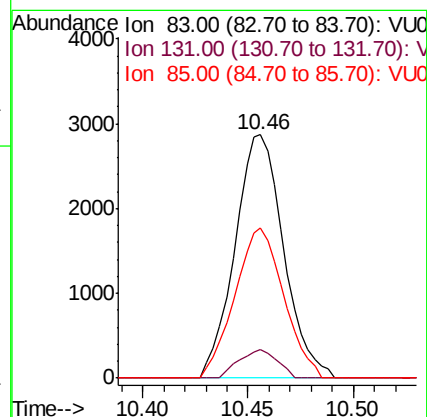
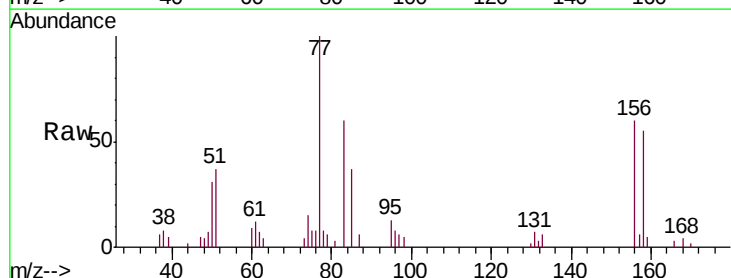
Tgt Ion: 83 Resp: 4591

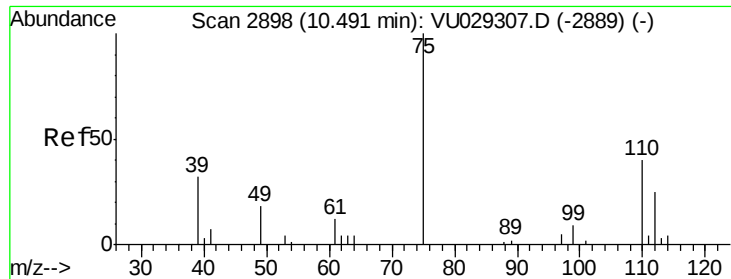
Ion Ratio Lower Upper

83 100

131 9.3 8.1 12.1

85 61.9 50.3 75.5

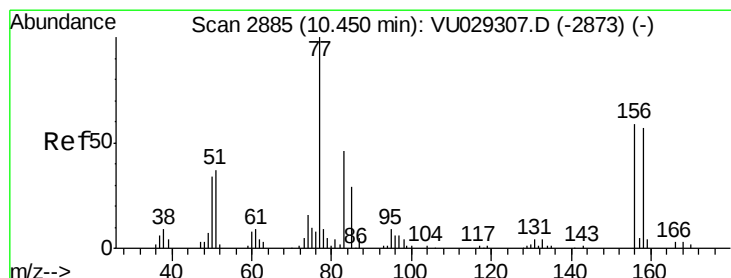
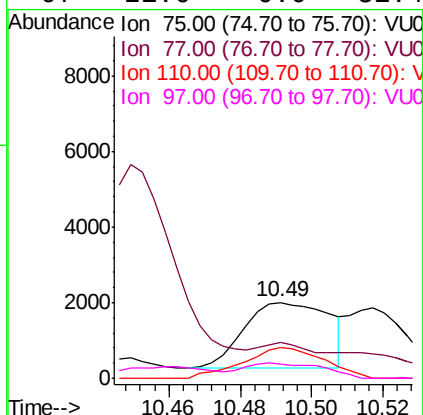
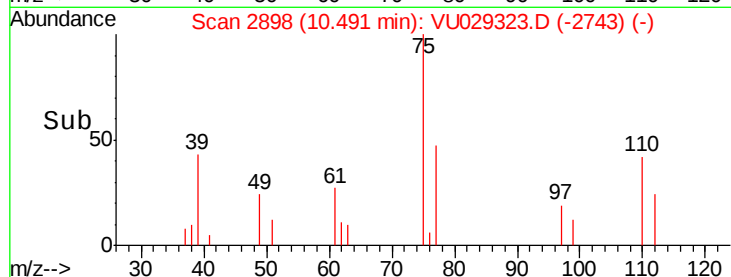
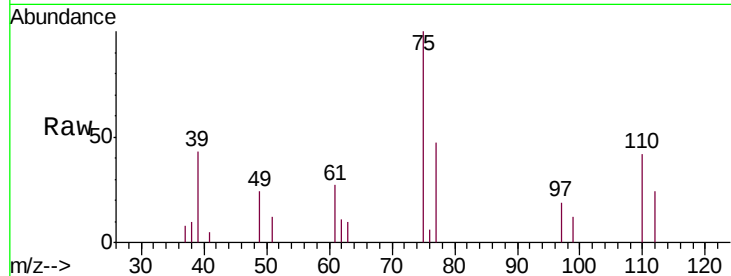




#71
1,2,3-Trichloropropane
Concen: 1.466 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

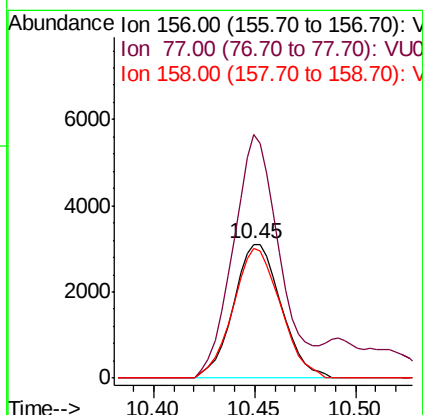
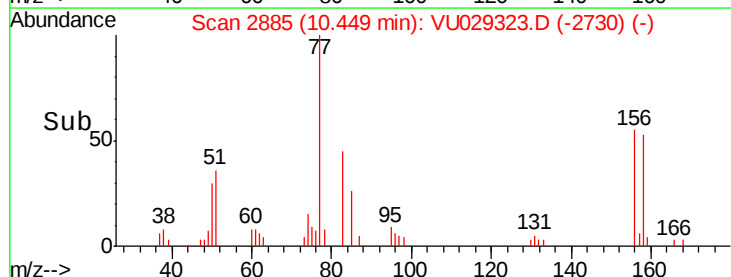
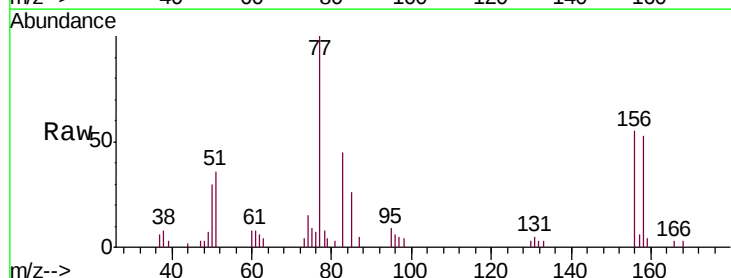
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

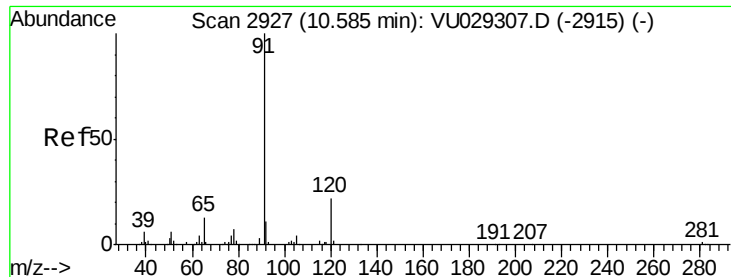
Tgt Ion:	75	Resp:	2866
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	44.7	0.0	63.6
97	21.6	0.0	31.4



#72
Bromobenzene
Concen: 1.971 ug/l
RT: 10.45 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VU029323.D
Acq: 30 Jan 2019 18:29

Tgt Ion:	156	Resp:	5151
Ion	Ratio	Lower	Upper
156	100		
77	177.5	0.0	343.8
158	96.2	0.0	195.0





#73

n-propylbenzene

Concen: 1.932 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

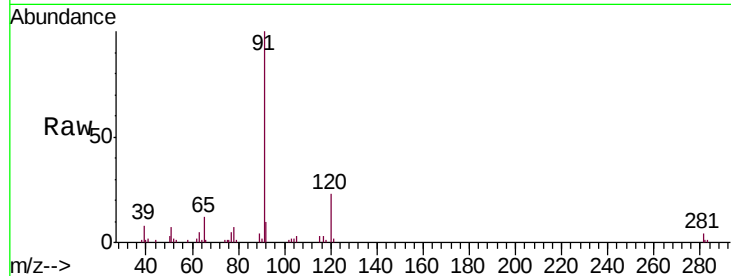
VU0130WBSD01

Tgt Ion:120 Resp: 5505

Ion Ratio Lower Upper

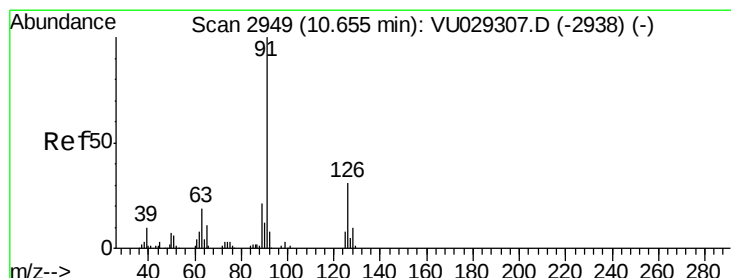
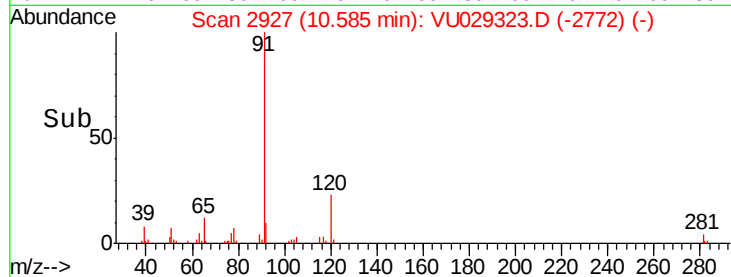
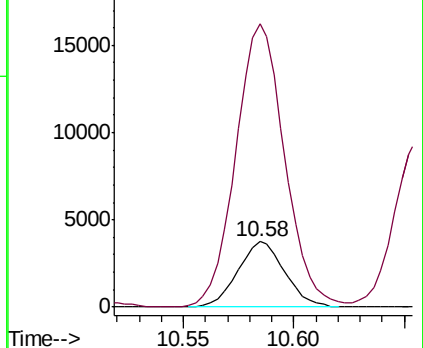
120 100

91 454.5 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.920 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029323.D

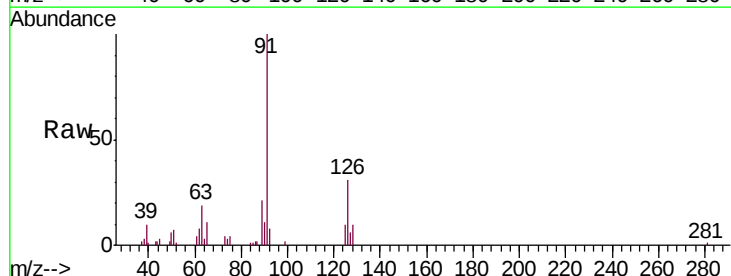
Acq: 30 Jan 2019 18:29

Tgt Ion:126 Resp: 4765

Ion Ratio Lower Upper

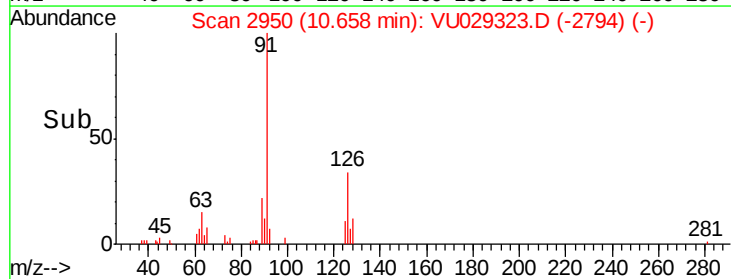
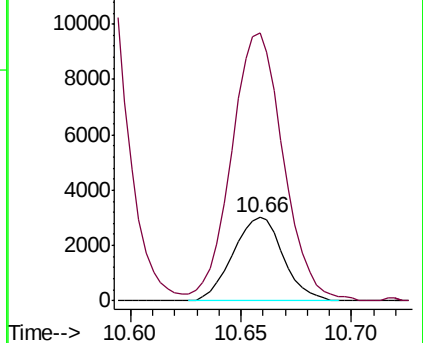
126 100

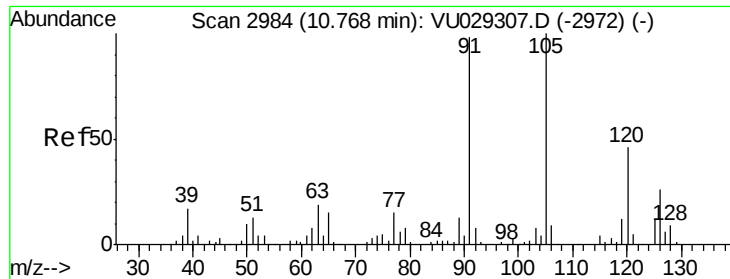
91 333.1 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.918 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

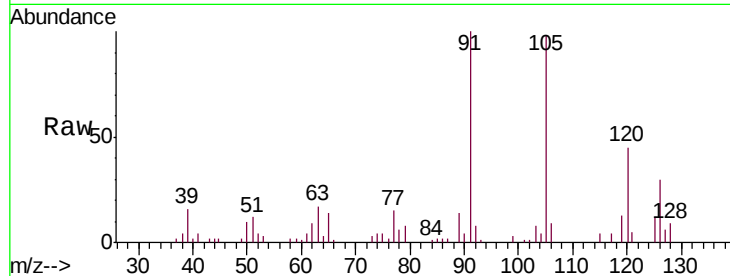
VU0130WBSD01

Tgt Ion:105 Resp: 17999

Ion Ratio Lower Upper

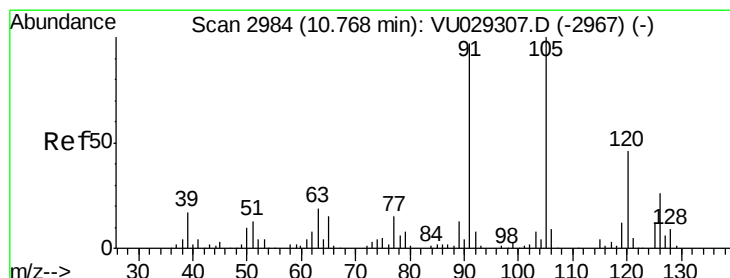
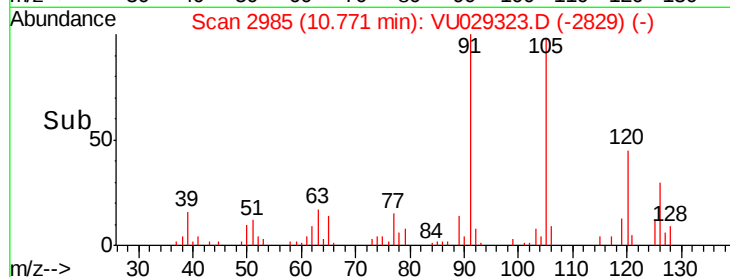
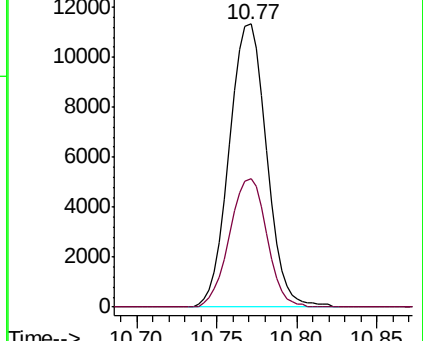
105 100

120 45.3 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.042 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029323.D

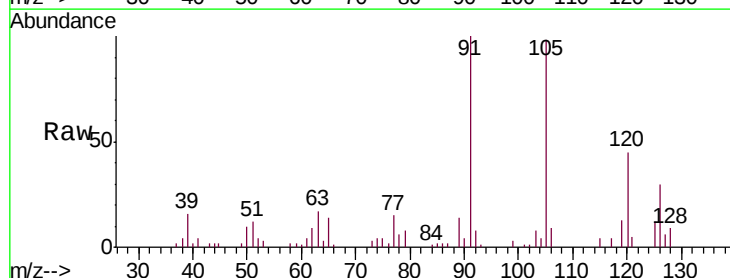
Acq: 30 Jan 2019 18:29

Tgt Ion:126 Resp: 5379

Ion Ratio Lower Upper

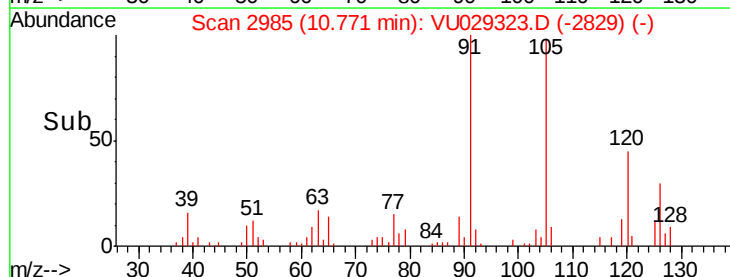
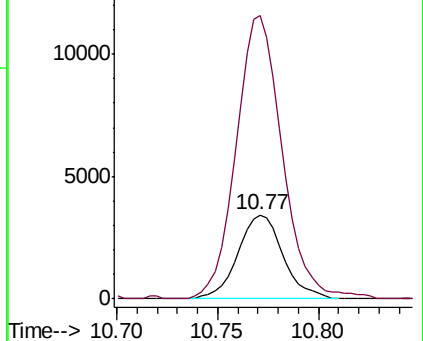
126 100

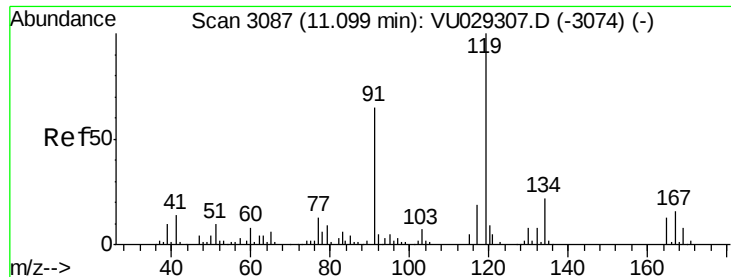
91 345.3 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.965 ug/l

RT: 11.10 min Scan# 3086

Delta R.T. -0.00 min

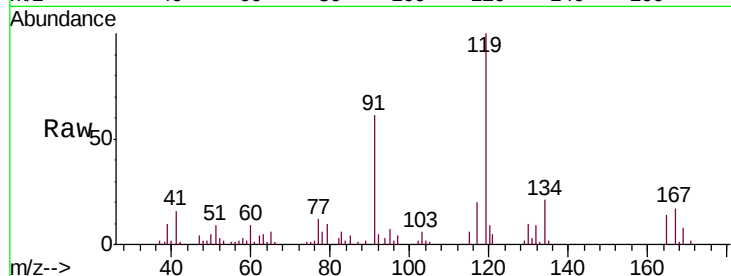
Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBSD01

Tgt Ion:119 Resp: 17712

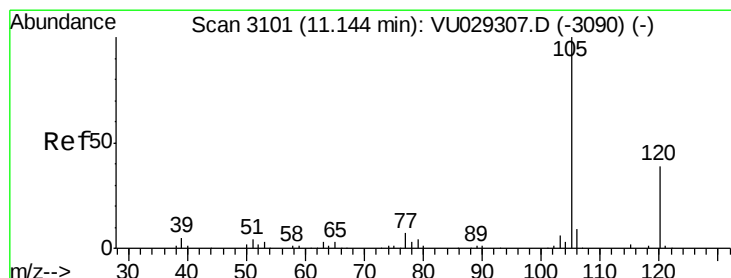
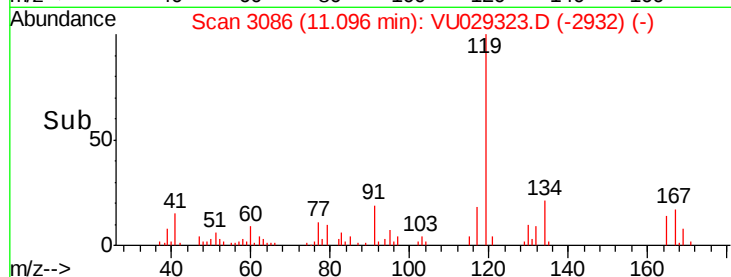
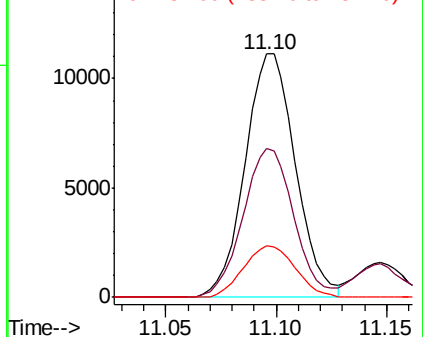
Ion	Ratio	Lower	Upper
119	100		
91	61.2	32.2	96.6
134	21.7	17.6	26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.941 ug/l

RT: 11.15 min Scan# 3102

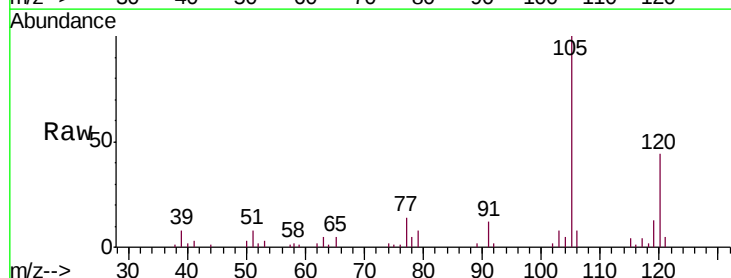
Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

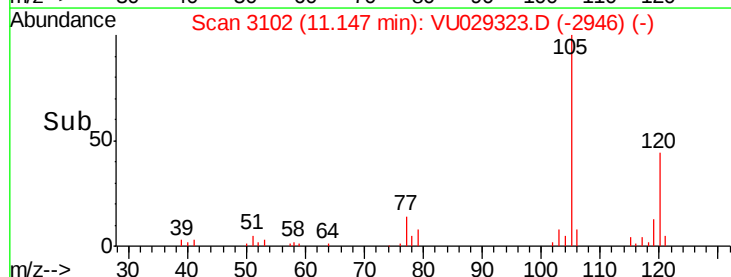
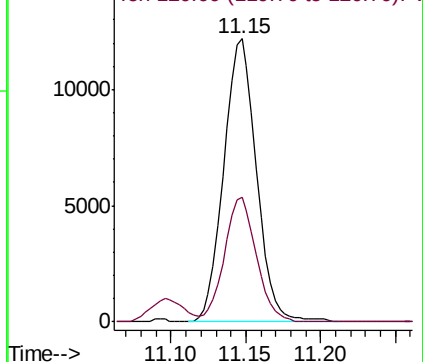
Tgt Ion:105 Resp: 18566

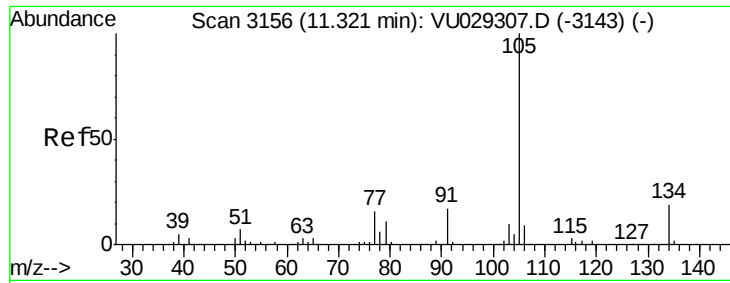
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

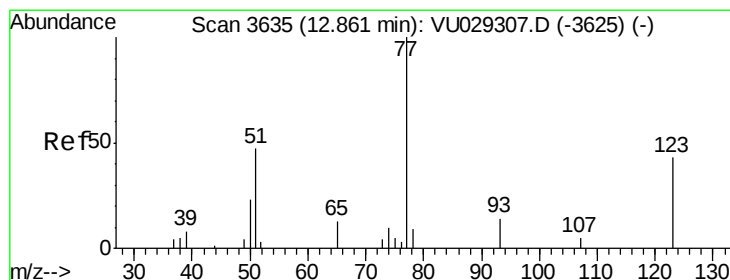
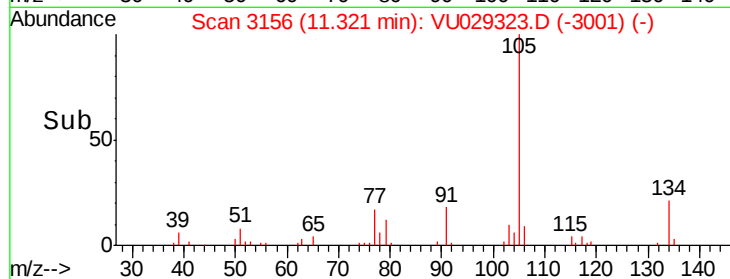
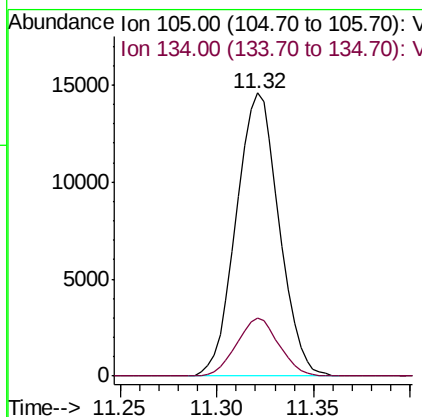
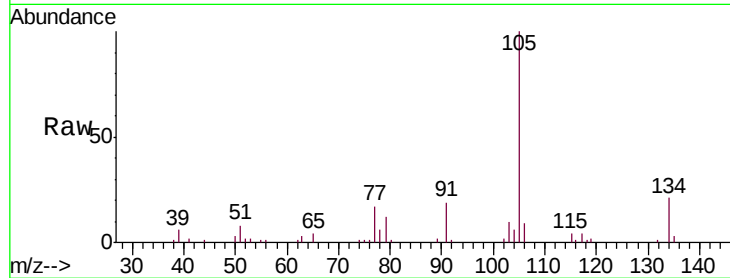




#79
 sec-Butylbenzene
 Concen: 1.901 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

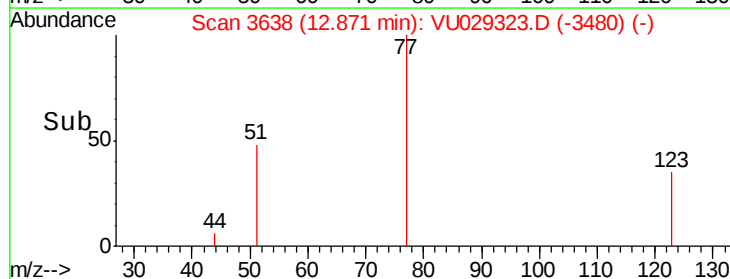
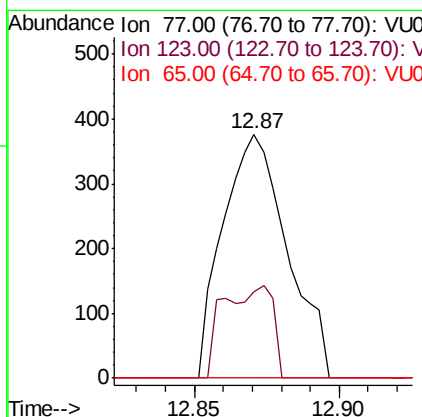
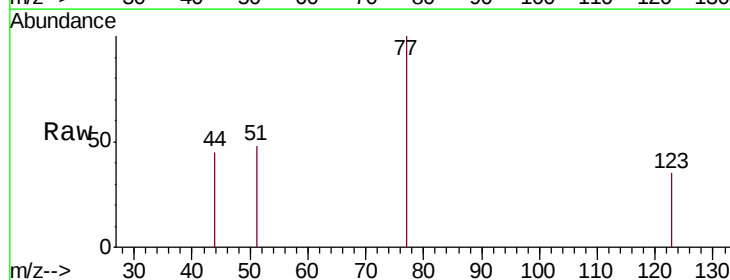
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

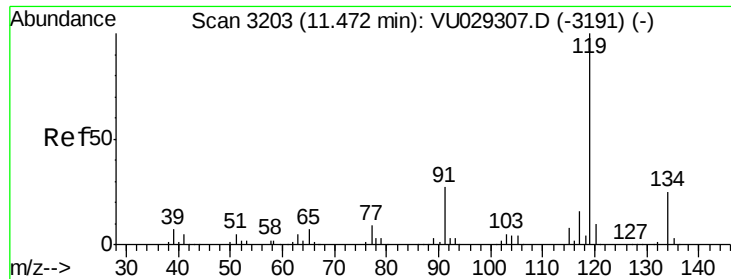
Tgt Ion: 105 Resp: 22437
 Ion Ratio Lower Upper
 105 100
 134 20.3 15.0 22.6



#80
 Nitrobenzene
 Concen: 8.894 ug/l
 RT: 12.87 min Scan# 3638
 Delta R.T. 0.01 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 77 Resp: 583
 Ion Ratio Lower Upper
 77 100
 123 12.0 17.5 61.9#
 65 0.0 10.8 13.8#

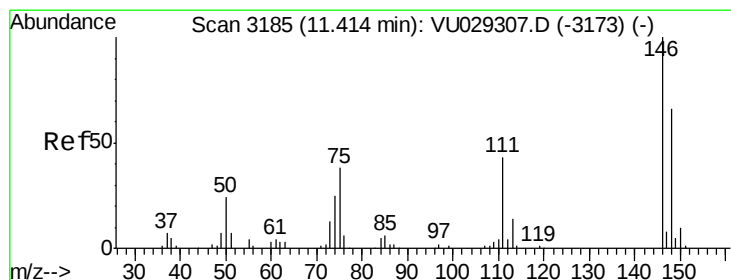
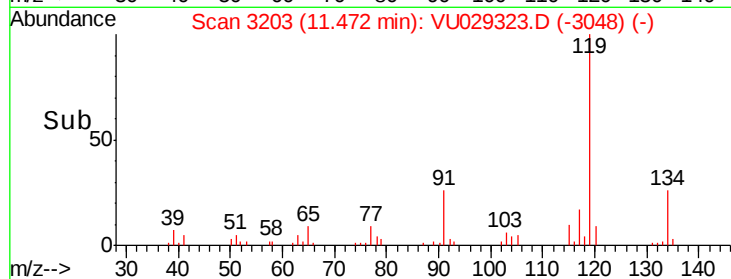
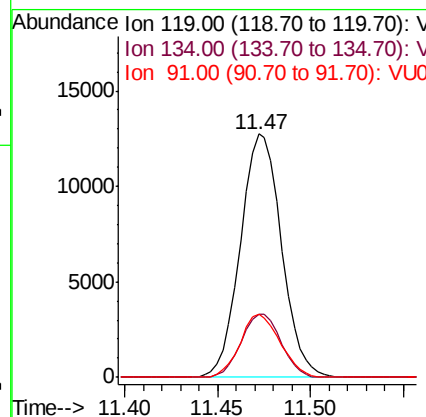
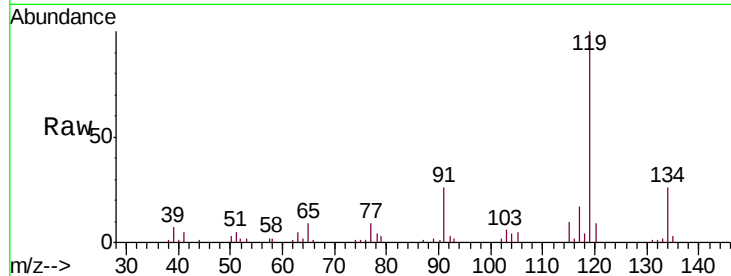




#81
 p-Isopropyltoluene
 Concen: 1.964 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

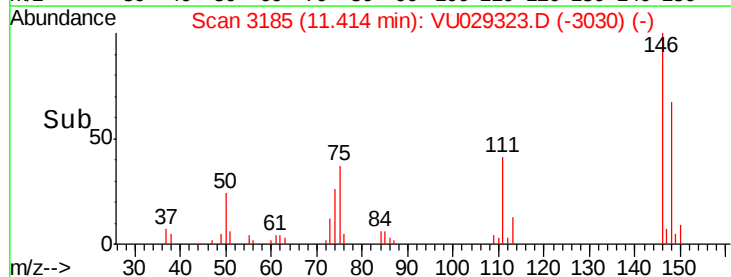
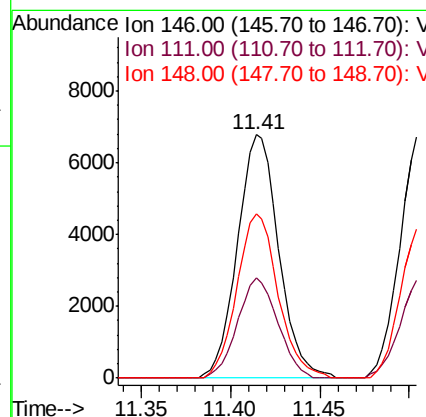
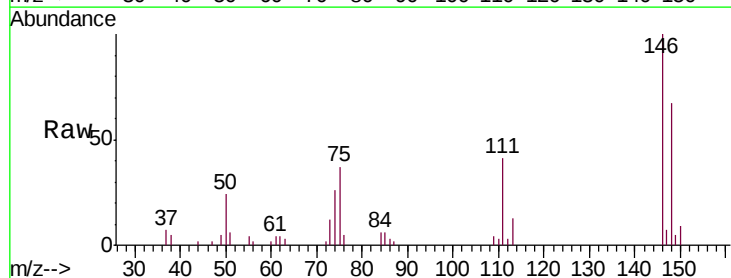
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

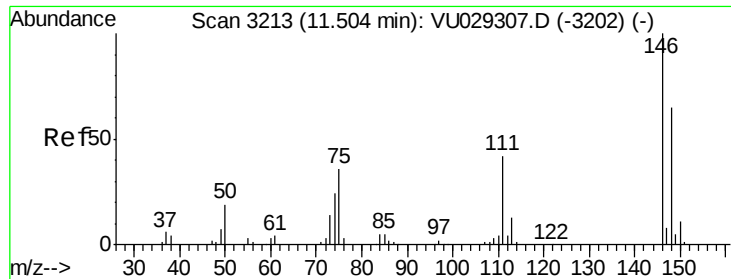
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	19.8	29.6
91	25.2	21.5	32.3



#82
 1,3-Dichlorobenzene
 Concen: 2.021 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	34.1	51.1
148	67.3	52.3	78.5

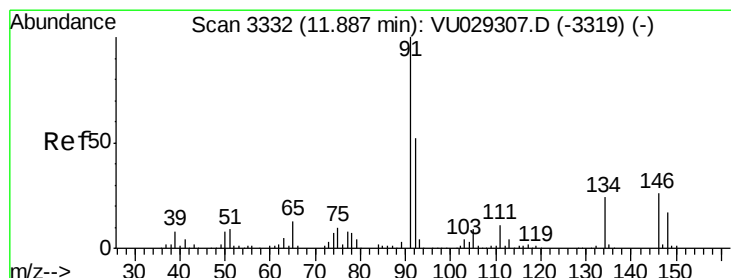
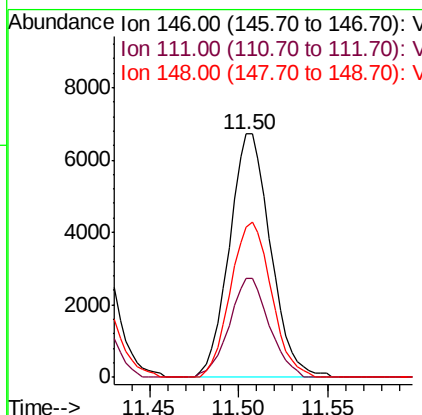
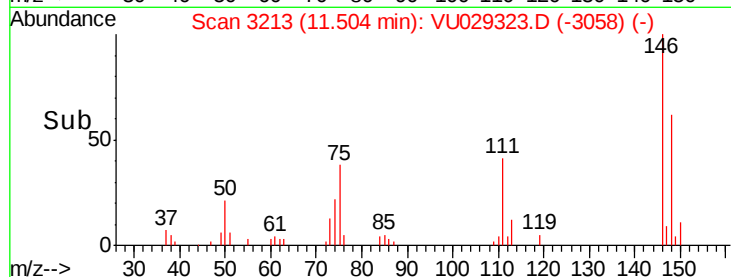
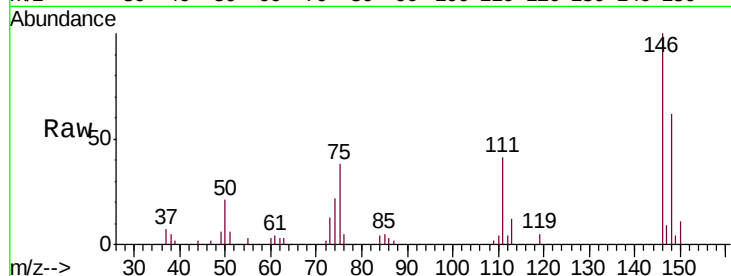




#83
 1,4-Dichlorobenzene
 Concen: 1.975 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

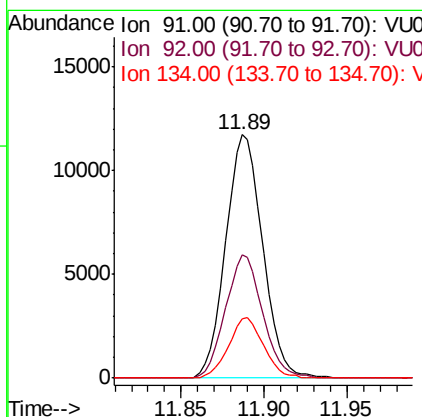
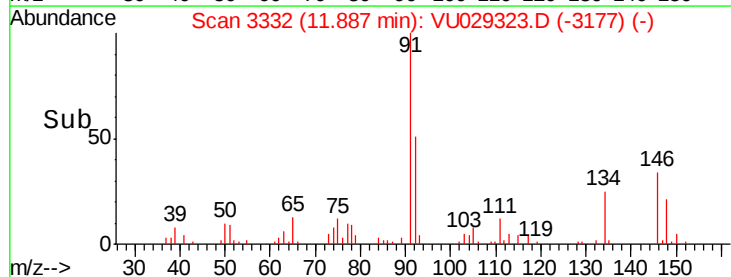
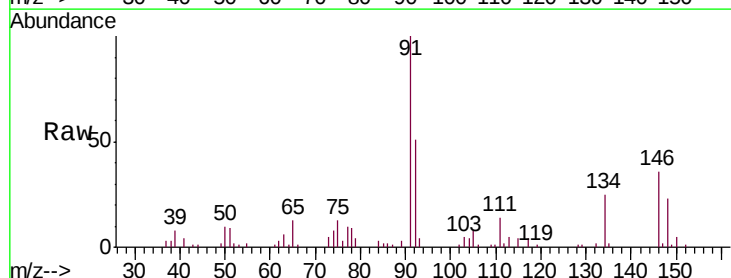
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

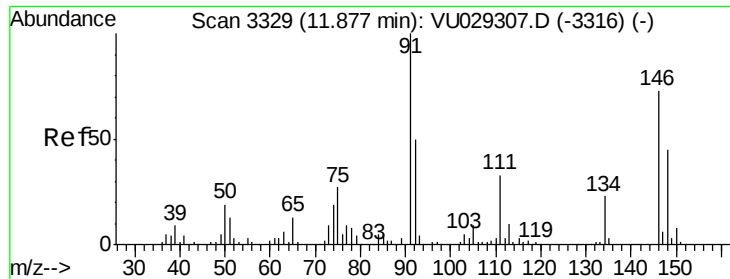
Tgt Ion: 146 Resp: 10780
 Ion Ratio Lower Upper
 146 100
 111 39.3 32.9 49.3
 148 63.1 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.876 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 91 Resp: 18192
 Ion Ratio Lower Upper
 91 100
 92 50.6 41.0 61.6
 134 23.4 19.1 28.7

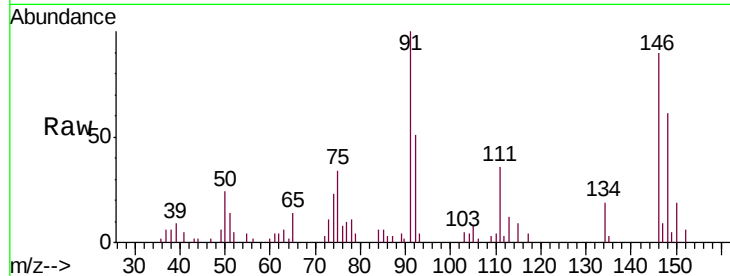




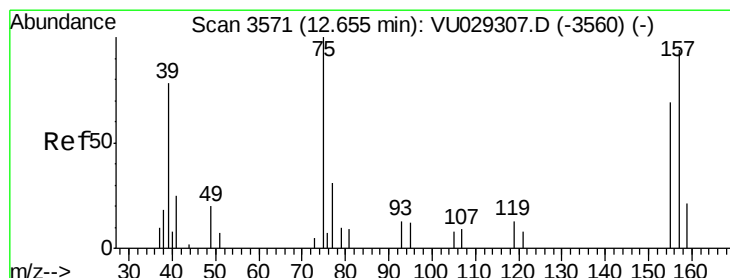
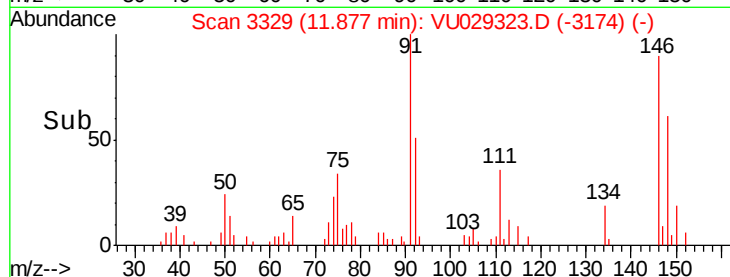
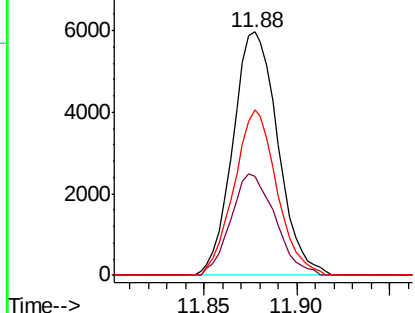
#85
 1,2-Dichlorobenzene
 Concen: 2.055 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBSD01

Tgt Ion: 146 Resp: 10079
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.9 65.8
 148 64.5 31.8 95.3

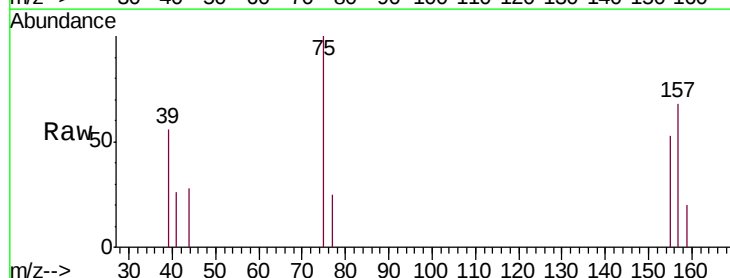


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

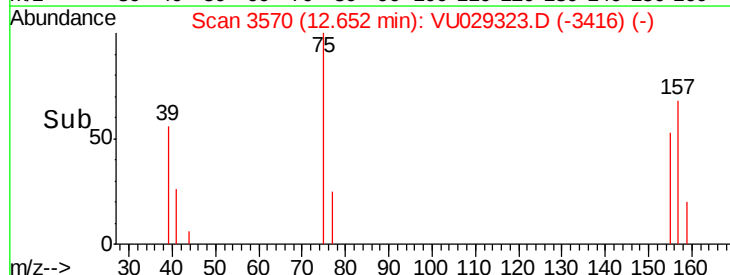
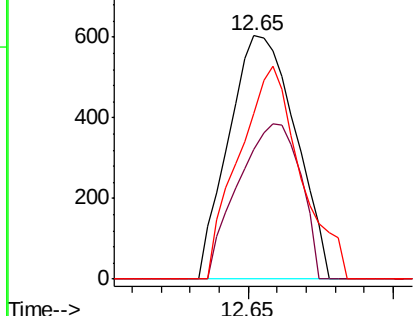


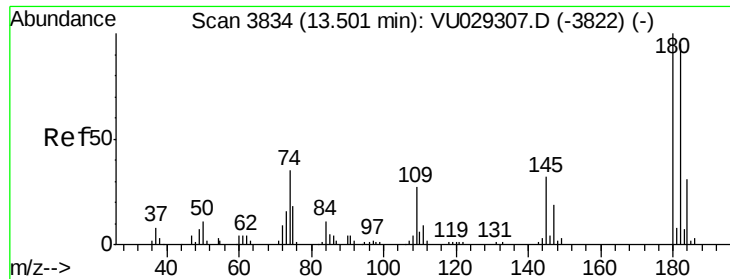
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.277 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029323.D
 Acq: 30 Jan 2019 18:29

Tgt Ion: 75 Resp: 963
 Ion Ratio Lower Upper
 75 100
 155 59.7 53.8 80.8
 157 81.1 69.2 103.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 1.970 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

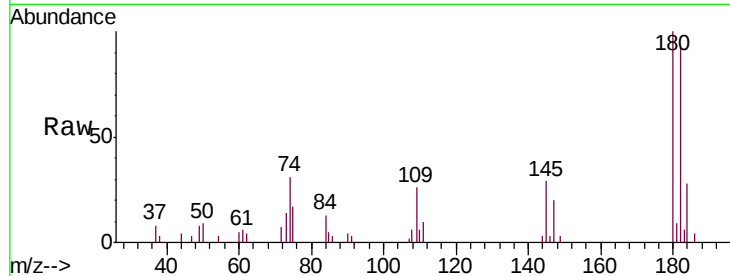
Tgt Ion:180 Resp: 6534

Ion Ratio Lower Upper

180 100

182 89.7 76.6 114.8

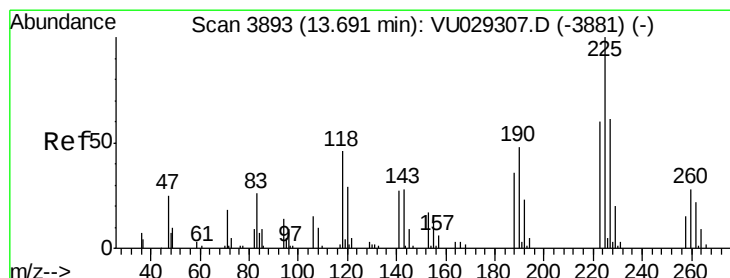
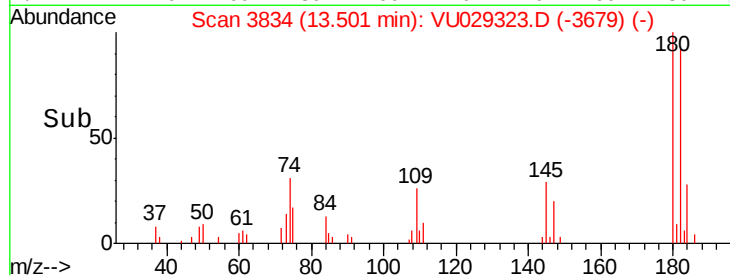
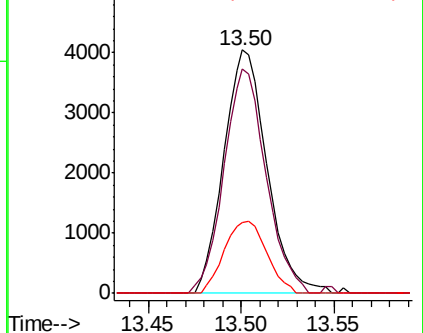
145 29.0 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 2.139 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

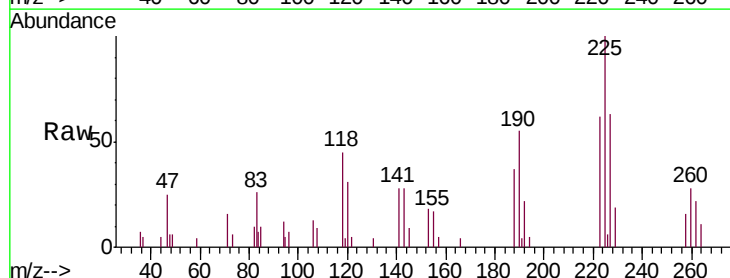
Tgt Ion:225 Resp: 4527

Ion Ratio Lower Upper

225 100

223 65.4 49.5 74.3

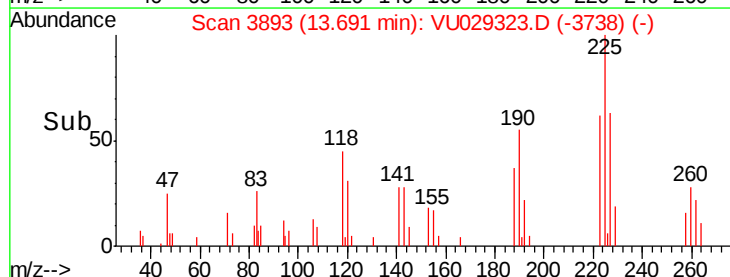
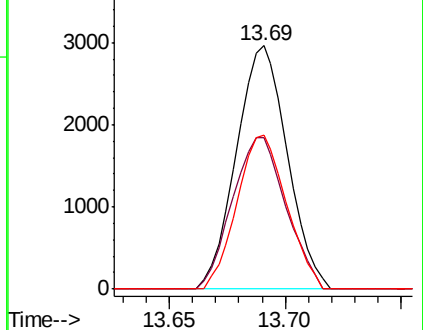
227 61.5 50.4 75.6

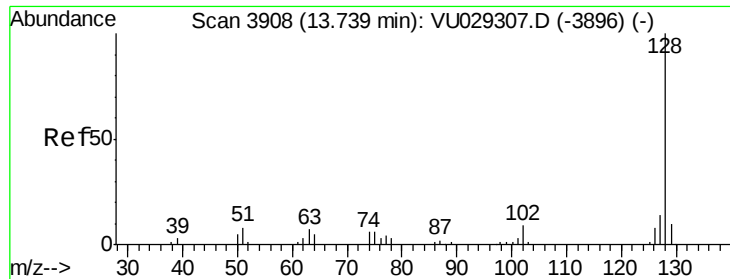


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 2.051 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBSD01

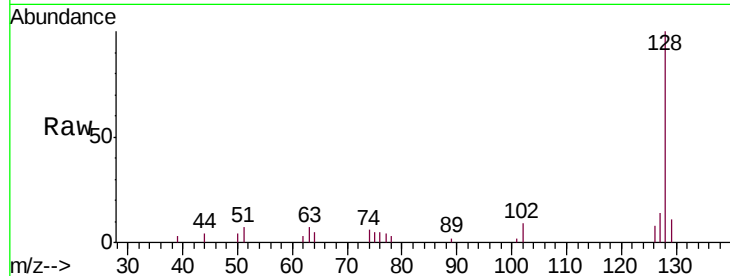
Tgt Ion:128 Resp: 10923

Ion Ratio Lower Upper

128 100

127 12.1 10.7 16.1

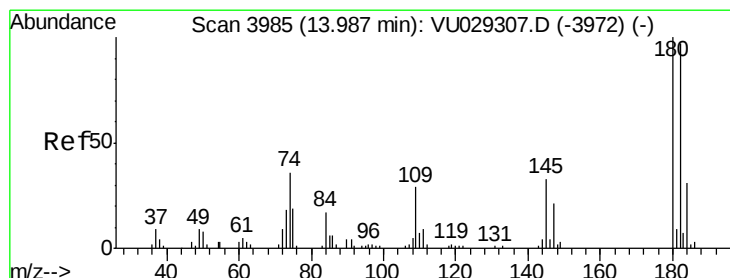
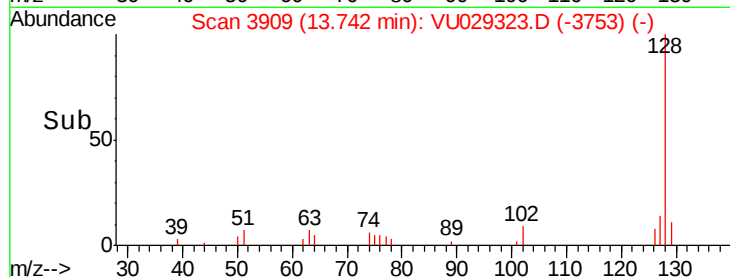
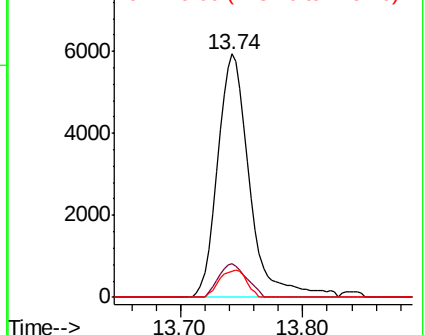
129 9.5 8.2 12.4



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: 2.277 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU029323.D

Acq: 30 Jan 2019 18:29

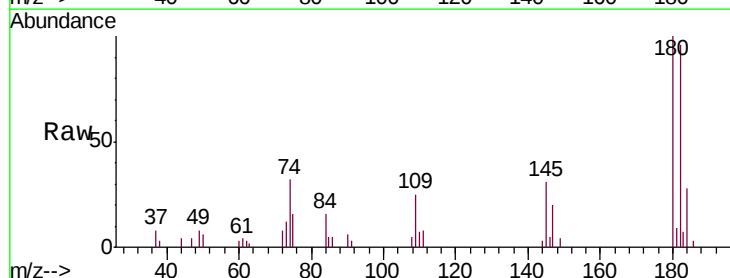
Tgt Ion:180 Resp: 7025

Ion Ratio Lower Upper

180 100

182 96.3 78.0 117.0

145 31.2 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

