

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100318\
 Data File : VU027344.D
 Acq On : 02 Oct 2018 15:41
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 03 02:09:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	21659	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	7374	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	6346	0.83	ug/l	0.00
Spiked Amount	1.000		Recovery	=	83.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	7179	1.200 ug/l	96
3) Chloromethane	1.33	50	8500	1.143 ug/l	99
4) Vinyl Chloride	1.40	62	8627	1.216 ug/l #	87
5) Bromomethane	1.63	94	3514	0.736 ug/l	93
6) Chloroethane	1.70	64	6201	1.533 ug/l	98
7) Trichlorofluoromethane	1.89	101	10121	1.194 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5743	1.162 ug/l	96
9) 1,1-Dichloroethene	2.29	96	4733	1.021 ug/l	93
10) Iodomethane	2.41	142	4780	1.225 ug/l	97
11) Allyl Chloride	2.59	41	12984	1.466 ug/l	99
12) Acrylonitrile	2.94	53	3313	2.743 ug/l	97
13) Acetone	2.32	43	7840	7.154 ug/l	98
14) Carbon Disulfide	2.48	76	15279	1.135 ug/l	100
15) Methylene Chloride	2.70	84	6936	1.232 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	5544	1.117 ug/l	93
17) 1,1-Dichloroethane	3.45	63	13444	1.275 ug/l	97
18) 2-Butanone	4.29	43	14212	7.992 ug/l	96
19) Cyclohexane	4.99	56	9741	1.111 ug/l	96
20) Methylcyclohexane	6.41	83	8957	0.944 ug/l	94
21) 2,2-Dichloropropane	4.23	77	11776	1.474 ug/l	97
22) cis-1,2-Dichloroethene	4.23	96	6724	1.090 ug/l	96
23) Diethyl Ether	2.11	59	5023	1.232 ug/l	90
24) tert-Butyl Alcohol	2.84	59	5909	12.027 ug/l	96
25) Methyl tert-Butyl Ether	3.01	73	15958	1.248 ug/l #	91
26) Bromochloromethane	4.55	128	2601	0.997 ug/l	91
27) Chloroform	4.68	83	12822	1.190 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	10098	1.196 ug/l	98
29) 1,1-Dichloropropene	5.13	75	9264	1.127 ug/l	95
30) Carbon Tetrachloride	5.13	117	8055	1.148 ug/l	98
31) Isopropyl Ether	3.58	45	26140	1.393 ug/l	98
32) Ethyl-t-butyl ether	4.09	59	20172	1.269 ug/l	100
33) Tert-Amyl methyl ether	5.59	73	16128	1.241 ug/l #	69
34) Propionitrile	4.34	54	3275	6.431 ug/l #	97
35) Benzene	5.39	78	27037	1.133 ug/l	96
36) 1,2-Dichloroethane	5.41	62	9035	1.314 ug/l	99
37) Trichloroethene	6.18	130	5994	0.951 ug/l	94
38) 1,2-Dichloropropane	6.44	63	8148	1.283 ug/l	98
39) Methacrylonitrile	4.56	41	3867	1.710 ug/l #	91
40) Methyl acrylate	4.44	55	4657	1.452 ug/l #	92
41) Tetrahydrofuran	4.66	42	4132	3.337 ug/l	90
42) 1-Chlorobutane	5.06	56	14293	1.188 ug/l	95

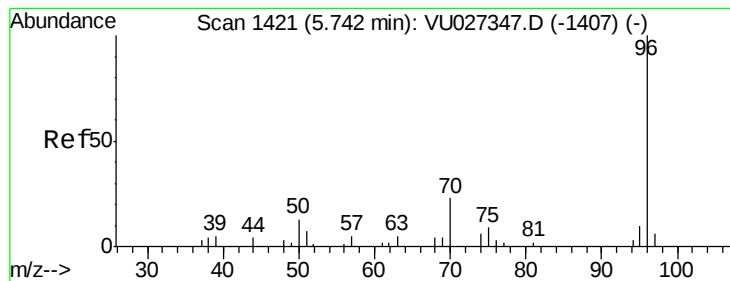
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100318\
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Quant Time: Oct 03 02:09:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.57	93	3189	1.119	ug/l	89
44) Bromodichloromethane	6.76	83	8770	1.264	ug/l	99
45) 4-Methyl-2-Pentanone	7.48	43	24518	6.008	ug/l	95
46) t-1,4-Dichloro-2-butene	10.50	75	3998	3.722	ug/l #	67
47) Methyl methacrylate	6.64	69	6627	2.338	ug/l	97
48) Ethyl methacrylate	8.03	69	5358	1.023	ug/l	92
49) Toluene	7.64	92	13544	0.966	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	7830	1.303	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	9076	1.195	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	4736	1.119	ug/l	95
53) 1,3-Dichloropropane	8.25	76	8610	1.143	ug/l	98
54) 2-Hexanone	8.38	43	16208	5.747	ug/l	91
55) Dibromochloromethane	8.48	129	4979	1.203	ug/l	99
56) 1,2-Dibromoethane	8.59	107	4047	1.070	ug/l	98
58) Tetrachloroethene	8.23	164	5236	0.787	ug/l	95
59) Chlorobenzene	9.12	112	14210	0.948	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	5548	1.095	ug/l	99
61) Pentachloroethane	11.10	117	4906	1.461	ug/l	89
62) Hexachloroethane	12.15	117	4250	1.243	ug/l	96
63) Ethyl Benzene	9.25	91	22482	0.859	ug/l	97
64) m/p-Xylenes	9.38	106	16234	1.632	ug/l	98
65) o-Xylene	9.78	106	7679	0.799	ug/l	94
66) Styrene	9.79	104	13145	0.820	ug/l	98
67) Bromoform	9.96	173	2730	1.177	ug/l	99
69) Isopropylbenzene	10.17	105	19946	0.791	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	6334	1.255	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	3998	0.964	ug/l #	72
72) Bromobenzene	10.46	156	5383	0.854	ug/l	99
73) n-propylbenzene	10.59	120	5311	0.764	ug/l	98
74) 2-Chlorotoluene	10.66	126	5103	0.825	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	16766	0.781	ug/l	97
76) 4-Chlorotoluene	10.77	126	5159	0.809	ug/l	96
77) tert-Butylbenzene	11.10	119	17674	0.873	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	17372	0.785	ug/l	98
79) sec-Butylbenzene	11.32	105	22686	0.796	ug/l	97
80) Nitrobenzene	12.87	77	1074	6.661	ug/l #	90
81) p-Isopropyltoluene	11.48	119	17730	0.755	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	11024	0.878	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	11145	0.886	ug/l	99
84) n-Butylbenzene	11.89	91	17516	0.774	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	10485	0.894	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	917	1.247	ug/l	93
87) 1,2,4-Trichlorobenzene	13.51	180	6203	0.792	ug/l	98
88) Hexachlorobutadiene	13.69	225	4493	0.921	ug/l	99
89) Naphthalene	13.75	128	9934	0.789	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	5939	0.800	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 21659

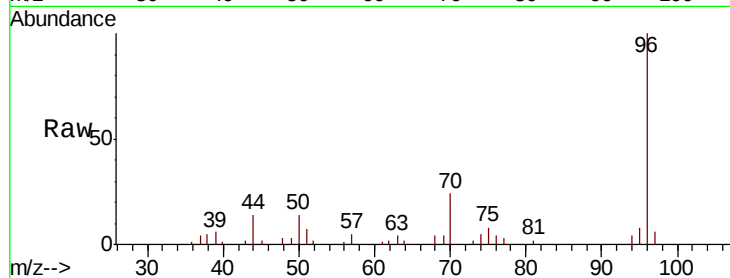
Ion Ratio Lower Upper

96 100

70 23.9 19.2 28.8

95 8.9 7.7 11.5

97 6.7 0.0 0.0#

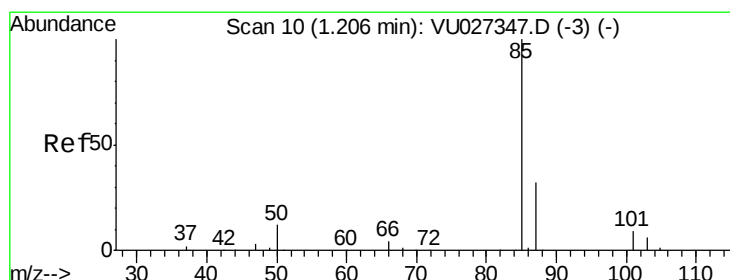
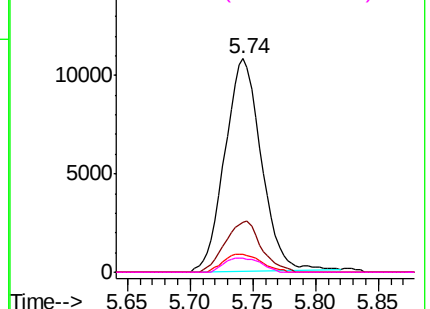
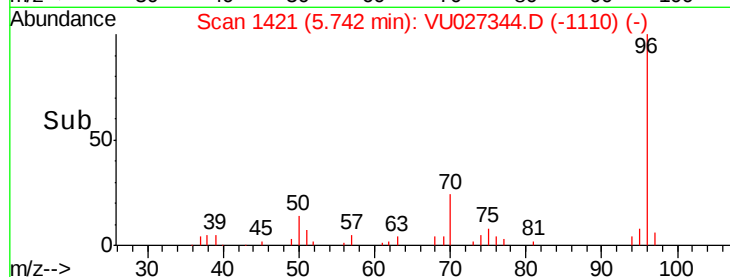


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.200 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027344.D

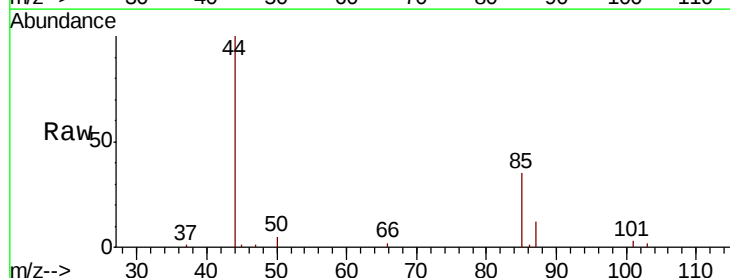
Acq: 02 Oct 2018 15:41

Tgt Ion: 85 Resp: 7179

Ion Ratio Lower Upper

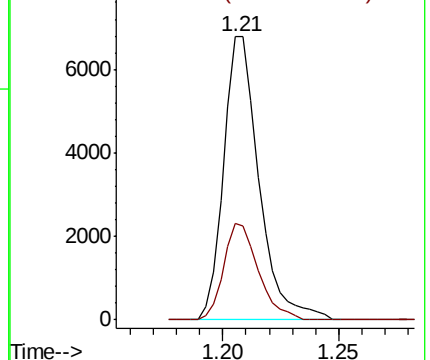
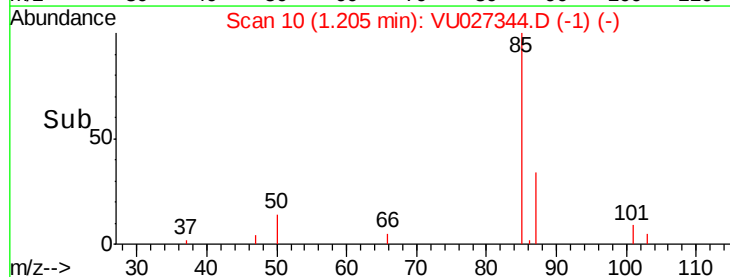
85 100

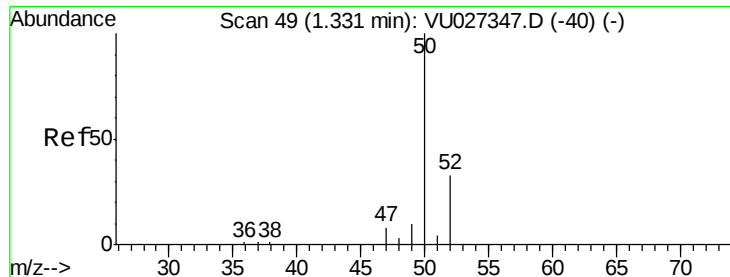
87 34.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.143 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

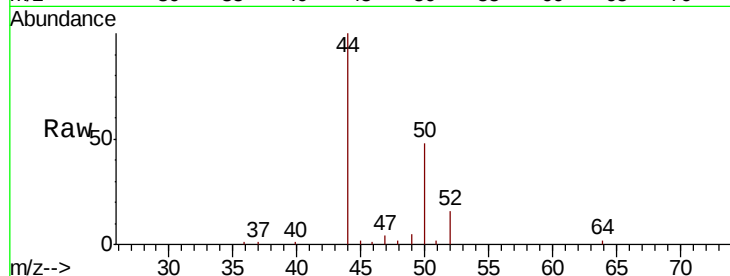
VSTDIC001

Tgt Ion: 50 Resp: 8500

Ion Ratio Lower Upper

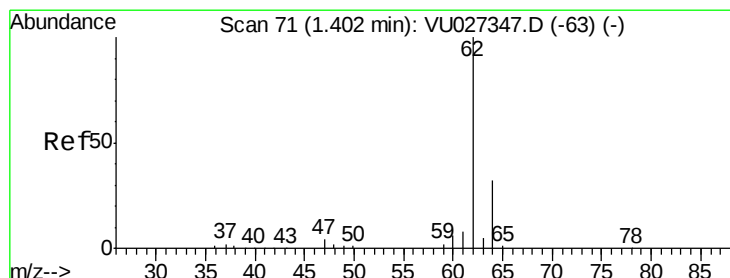
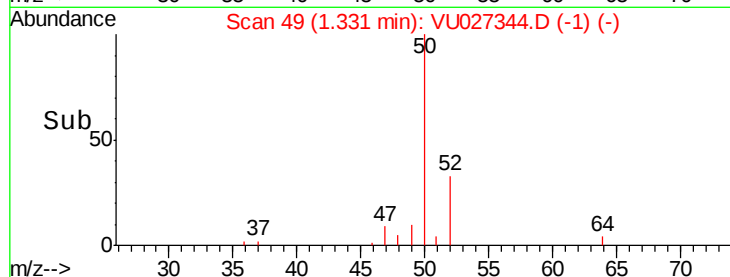
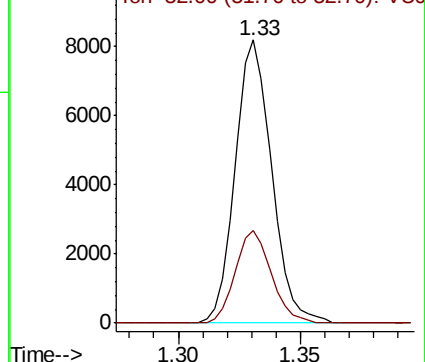
50 100

52 32.9 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.216 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027344.D

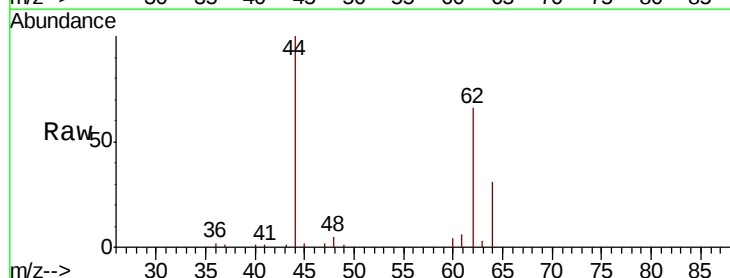
Acq: 02 Oct 2018 15:41

Tgt Ion: 62 Resp: 8627

Ion Ratio Lower Upper

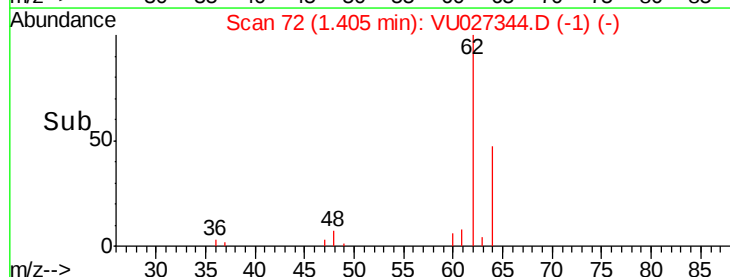
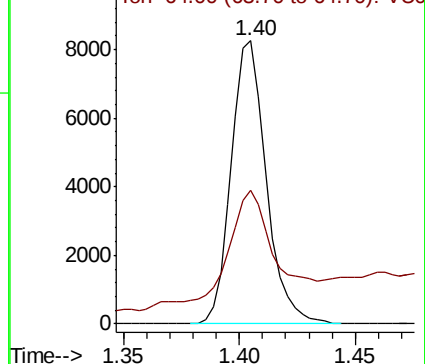
62 100

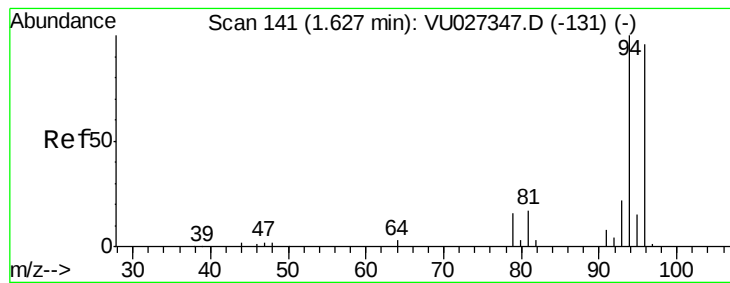
64 39.0 25.6 38.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 0.736 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

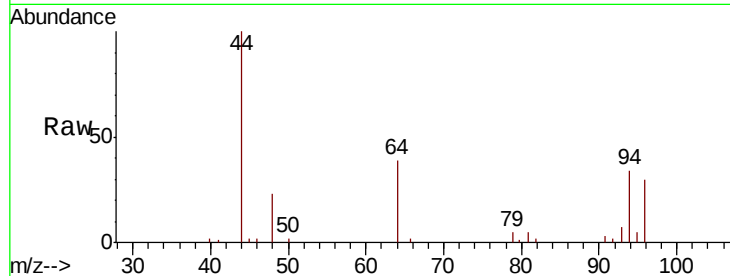
VSTDIC001

Tgt Ion: 94 Resp: 3514

Ion Ratio Lower Upper

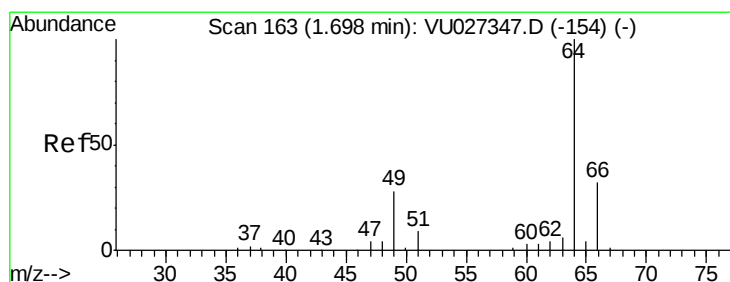
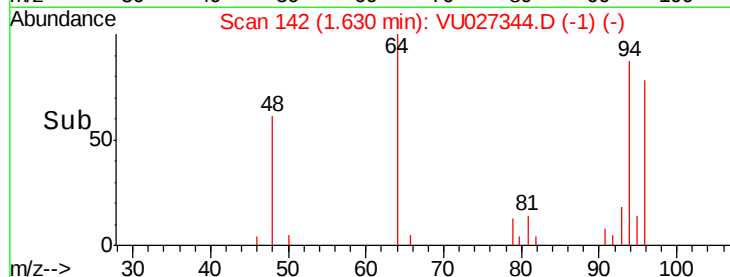
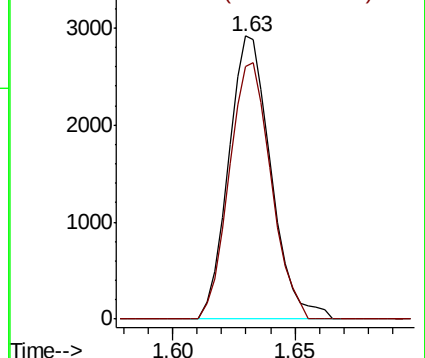
94 100

96 89.5 77.0 115.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.533 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027344.D

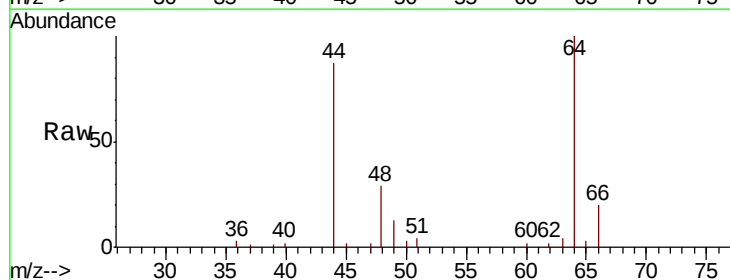
Acq: 02 Oct 2018 15:41

Tgt Ion: 64 Resp: 6201

Ion Ratio Lower Upper

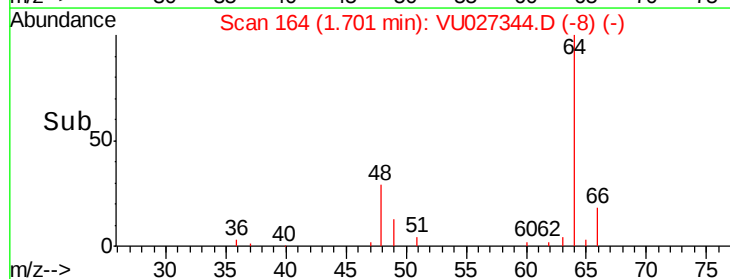
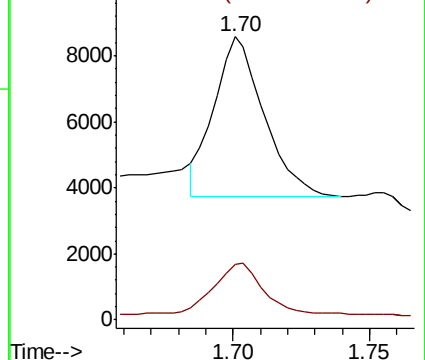
64 100

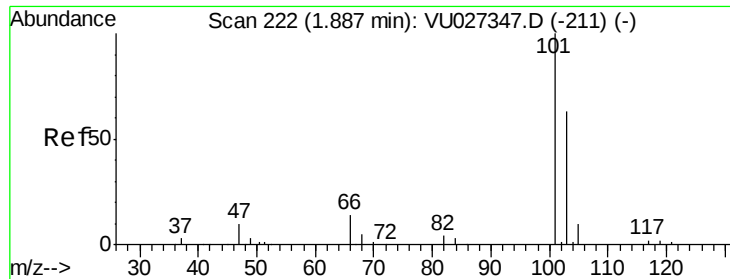
66 30.7 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



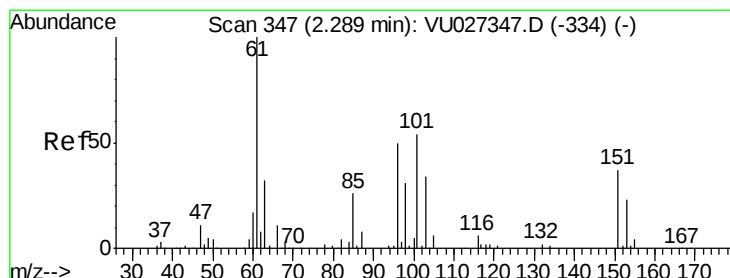
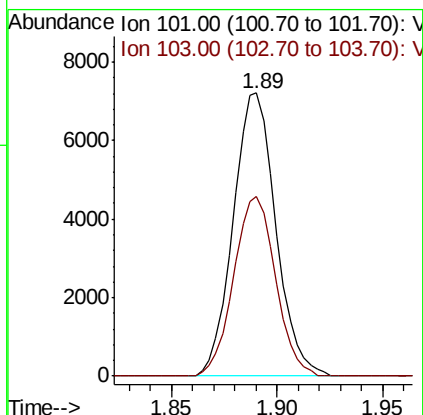
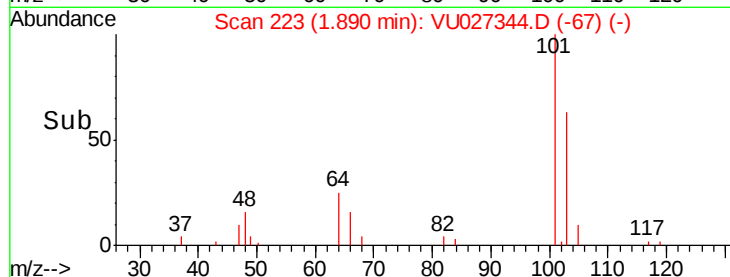
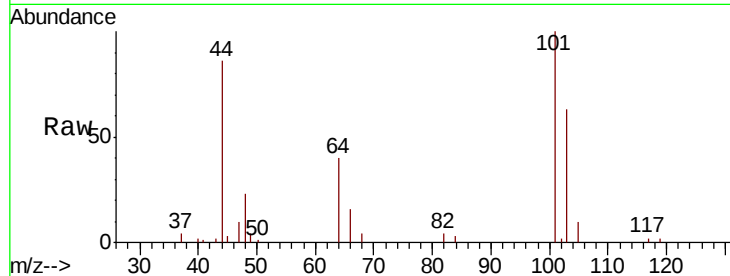


#7

Trichlorofluoromethane
Concen: 1.194 ug/l
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

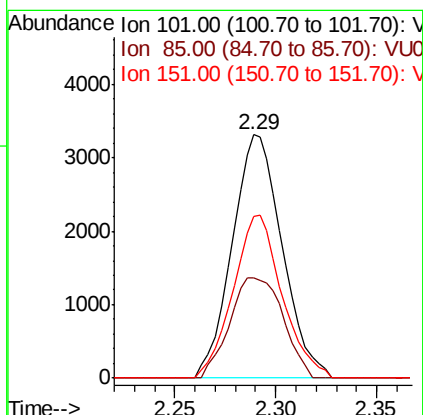
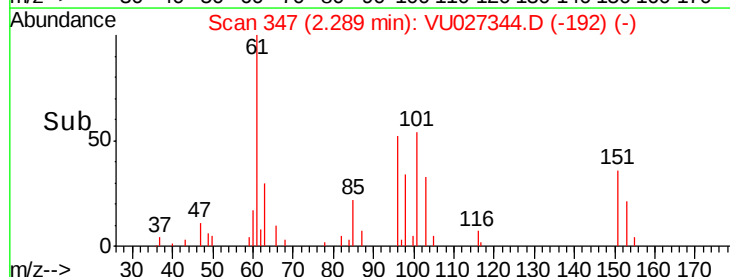
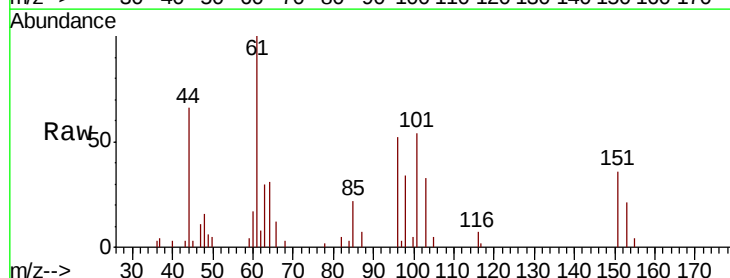
Tgt Ion:101 Resp: 10121
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2

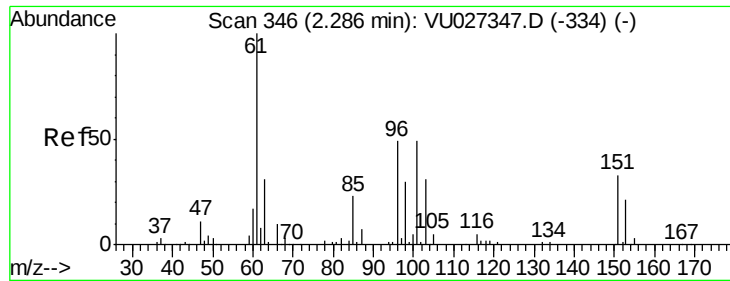


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.162 ug/l
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion:101 Resp: 5743
Ion Ratio Lower Upper
101 100
85 43.9 37.6 56.4
151 65.5 54.6 81.8





#9

1,1-Dichloroethene

Concen: 1.021 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

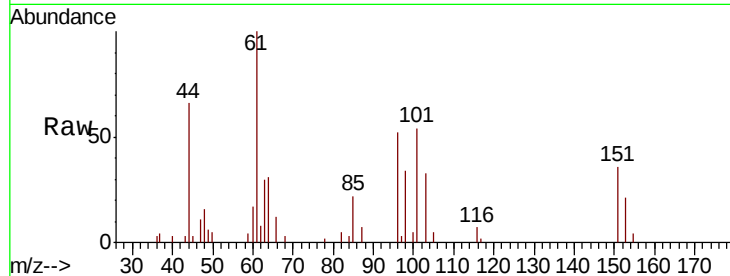
Tgt Ion: 96 Resp: 4733

Ion Ratio Lower Upper

96 100

61 193.1 0.0 614.1

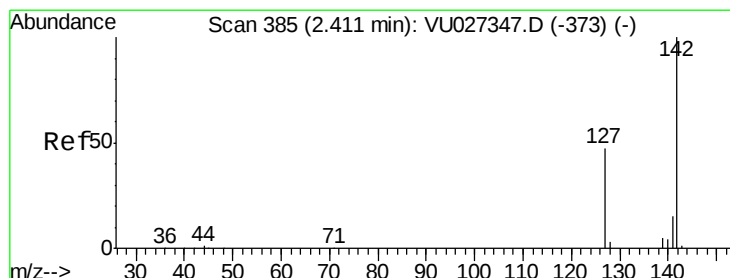
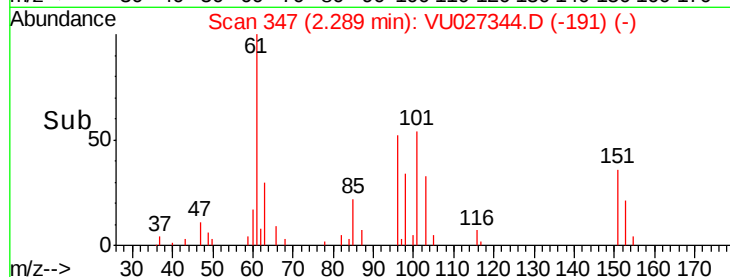
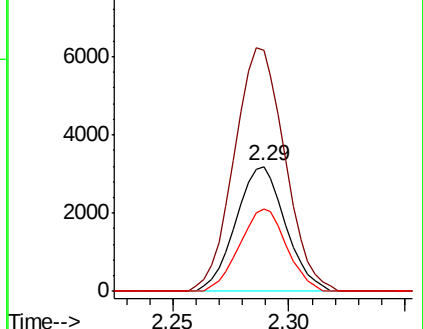
98 66.4 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.225 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027344.D

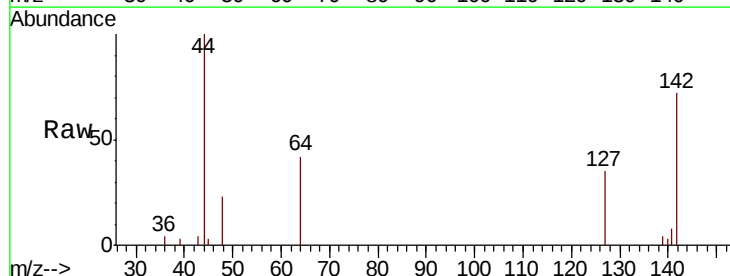
Acq: 02 Oct 2018 15:41

Tgt Ion:142 Resp: 4780

Ion Ratio Lower Upper

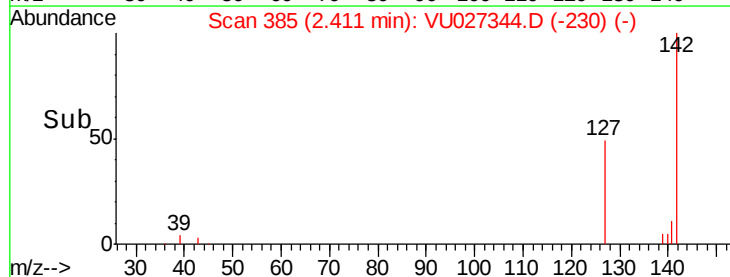
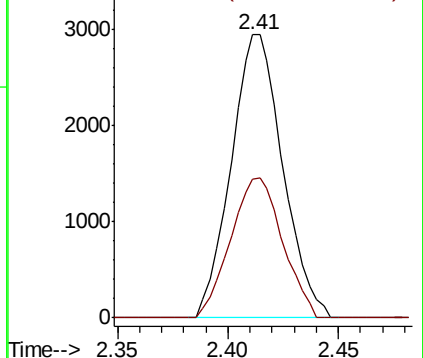
142 100

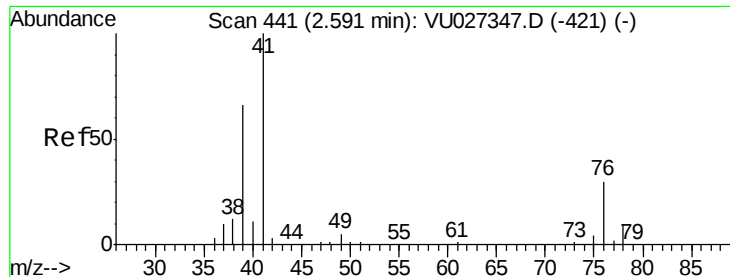
127 49.7 38.3 57.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

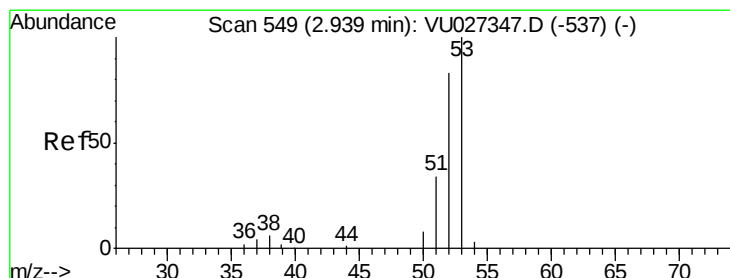
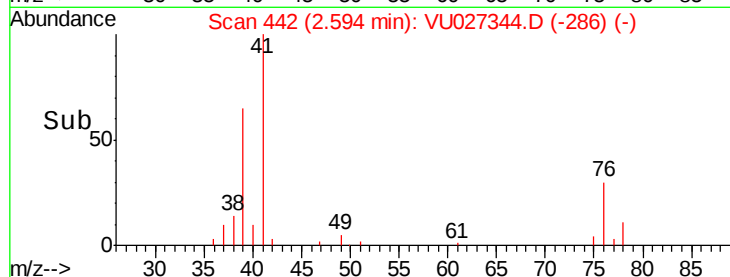
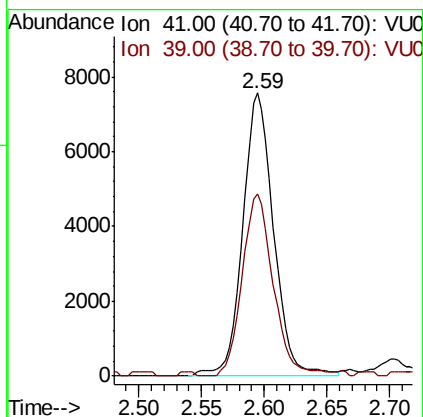
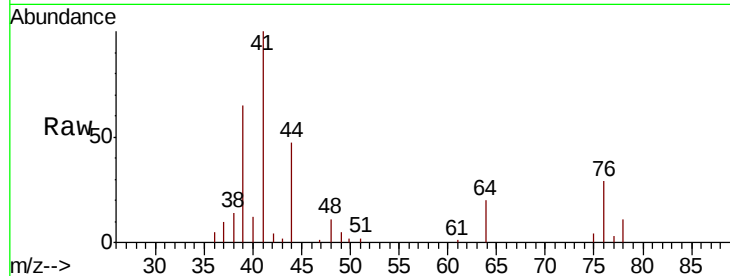




#11
 Allyl Chloride
 Concen: 1.466 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

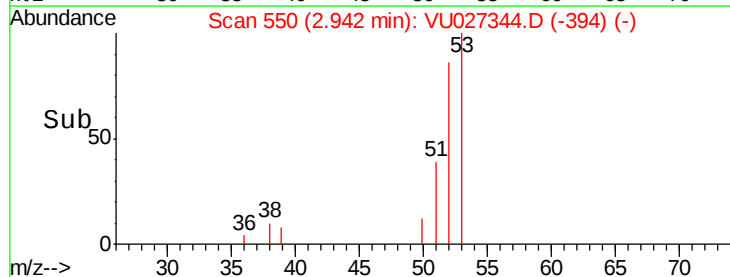
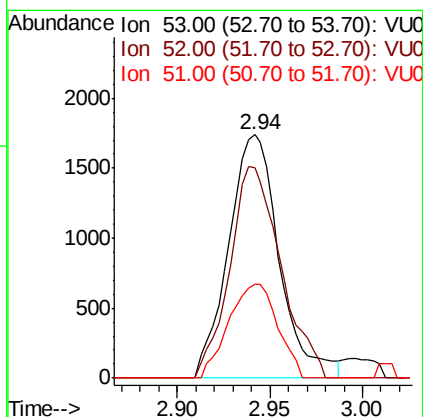
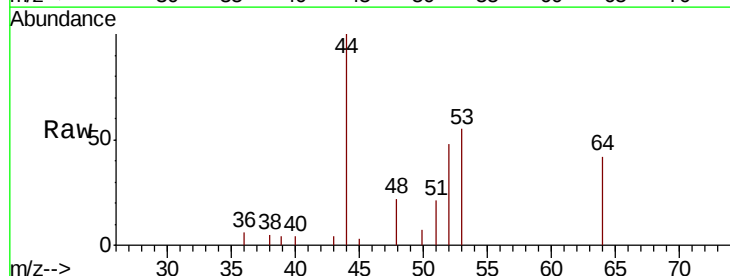
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

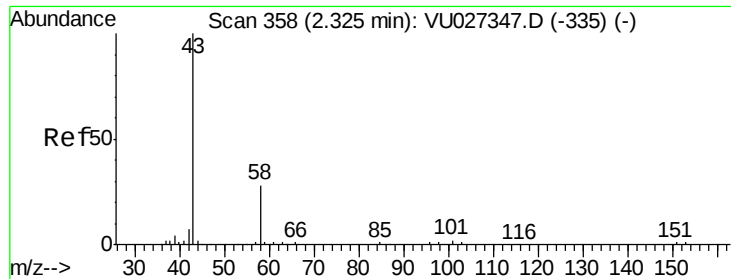
Tgt Ion: 41 Resp: 12984
 Ion Ratio Lower Upper
 41 100
 39 64.9 52.2 78.4



#12
 Acrylonitrile
 Concen: 2.743 ug/l
 RT: 2.94 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 53 Resp: 3313
 Ion Ratio Lower Upper
 53 100
 52 87.5 67.0 100.4
 51 37.0 29.0 43.6





#13

Acetone

Concen: 7.154 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

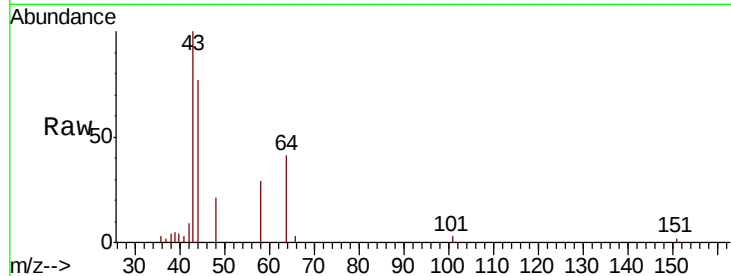
VSTDIC001

Tgt Ion: 43 Resp: 7840

Ion Ratio Lower Upper

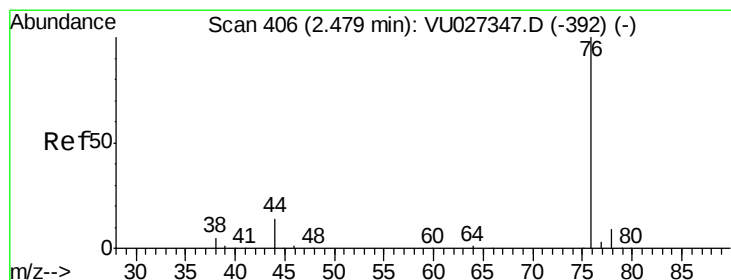
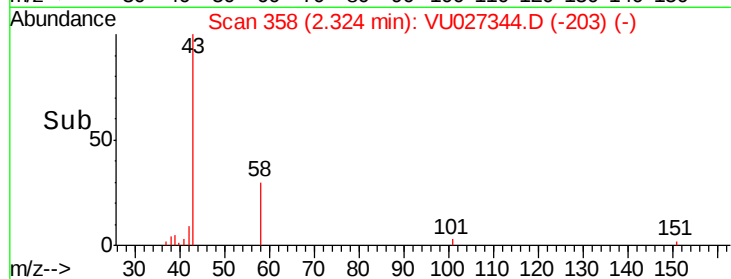
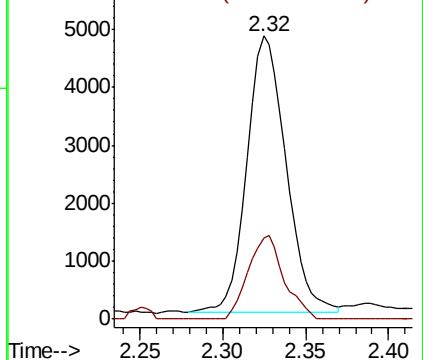
43 100

58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.135 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027344.D

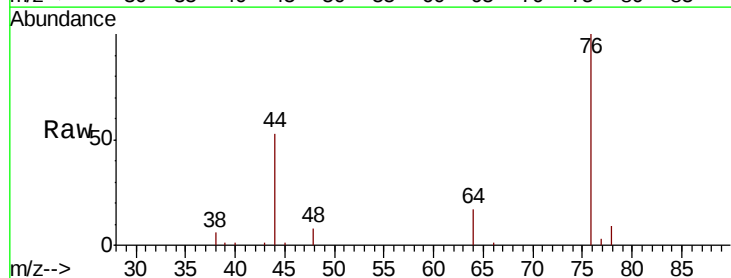
Acq: 02 Oct 2018 15:41

Tgt Ion: 76 Resp: 15279

Ion Ratio Lower Upper

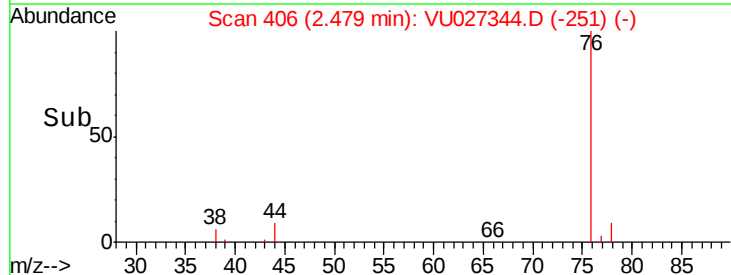
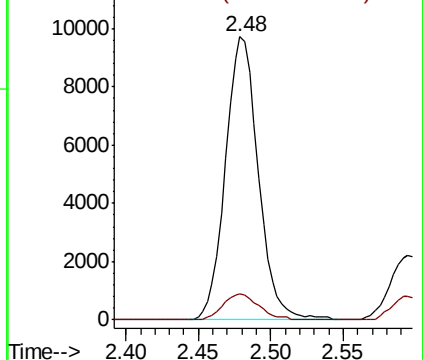
76 100

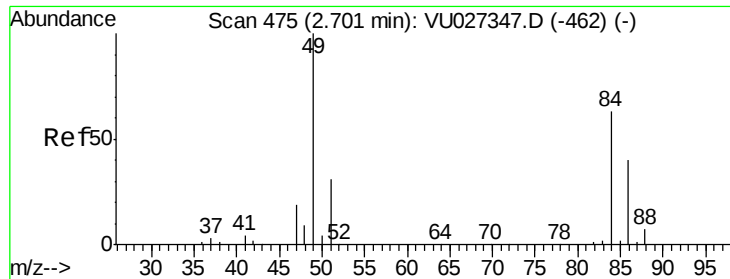
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

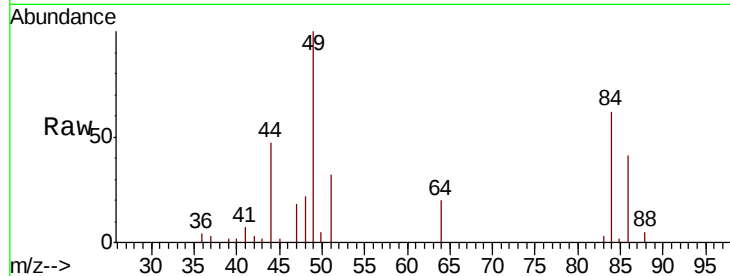




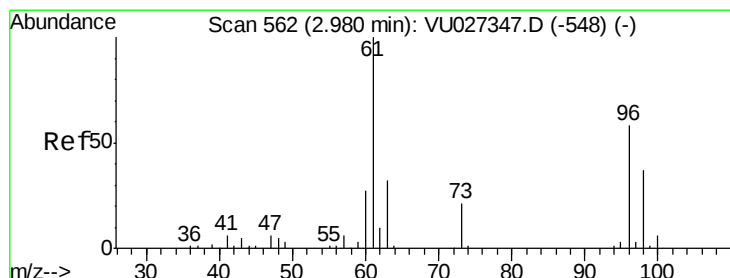
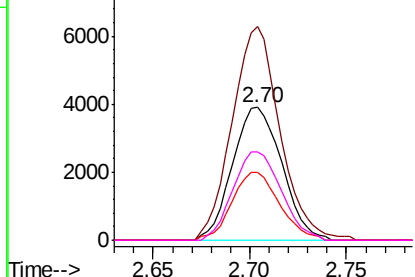
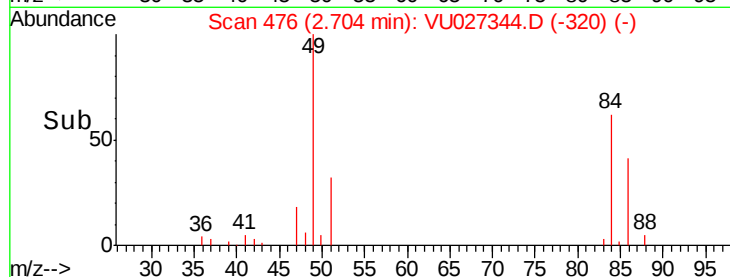
#15
Methylene Chloride
Concen: 1.232 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion: 84 Resp: 6936
Ion Ratio Lower Upper
84 100
49 160.5 126.0 189.0
51 50.7 0.0 97.4
86 66.6 50.5 75.7

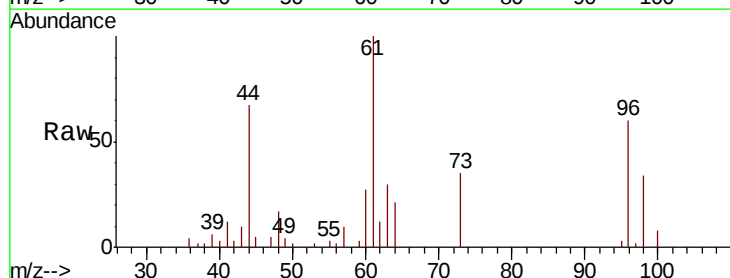


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

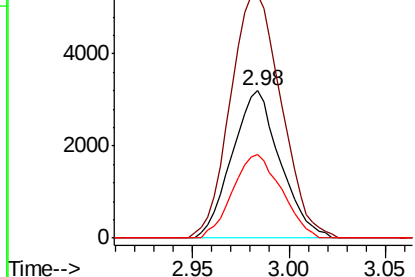
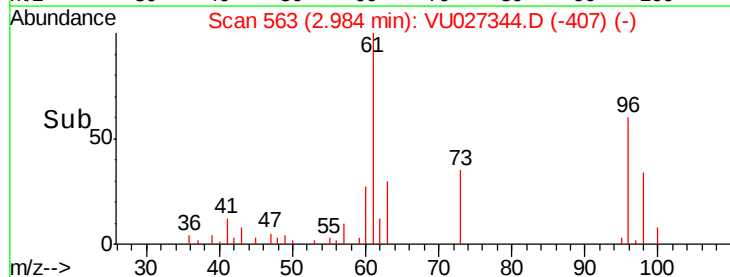


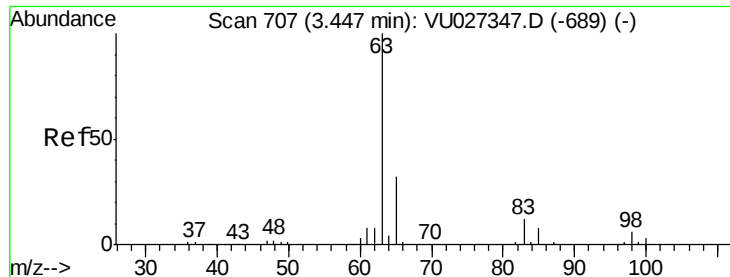
#16
trans-1,2-Dichloroethene
Concen: 1.117 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 96 Resp: 5544
Ion Ratio Lower Upper
96 100
61 165.3 138.2 207.4
98 56.6 51.5 77.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

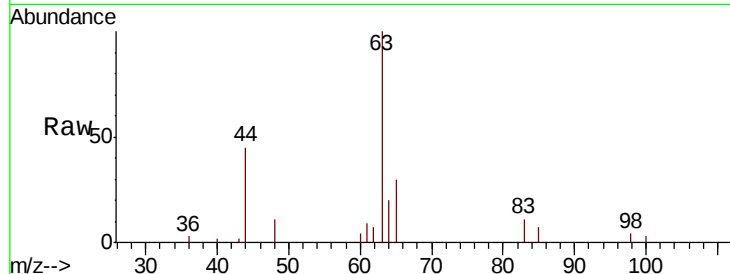




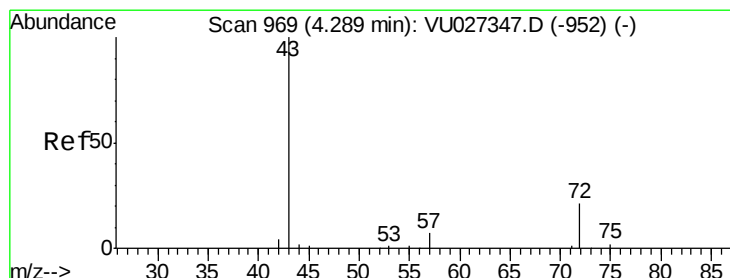
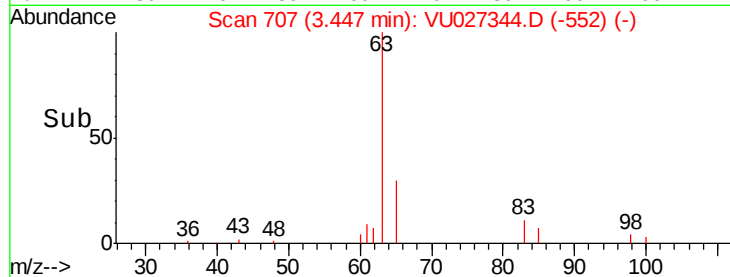
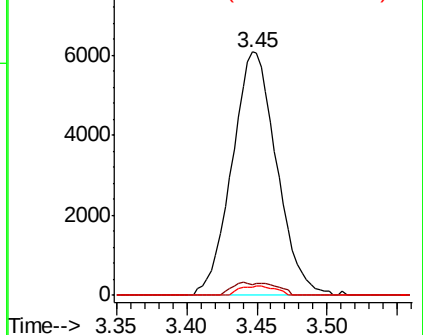
#17
 1,1-Dichloroethane
 Concen: 1.275 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.9	8.6
100	3.3	1.8	5.3

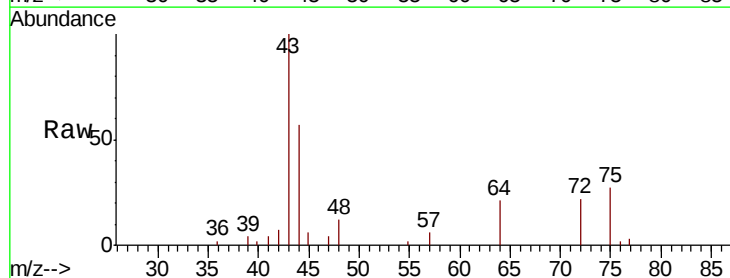


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

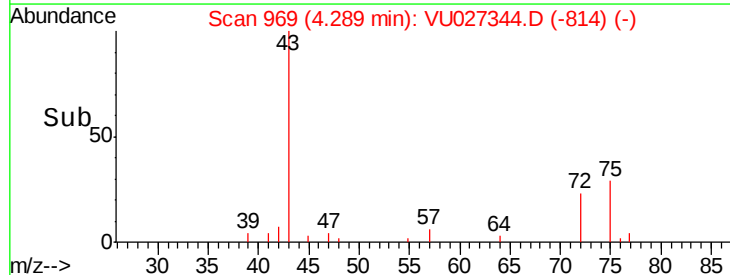
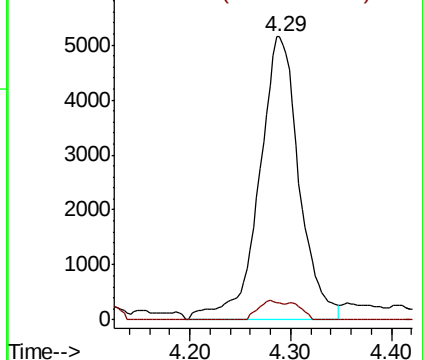


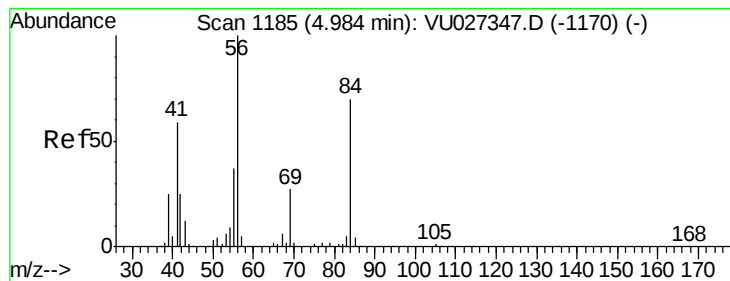
#18
 2-Butanone
 Concen: 7.992 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.9	0.0	14.4



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





#19

Cyclohexane

Concen: 1.111 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. 0.01 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

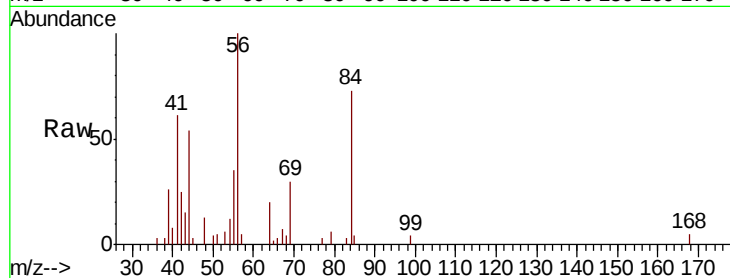
Tgt Ion: 56 Resp: 9741

Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

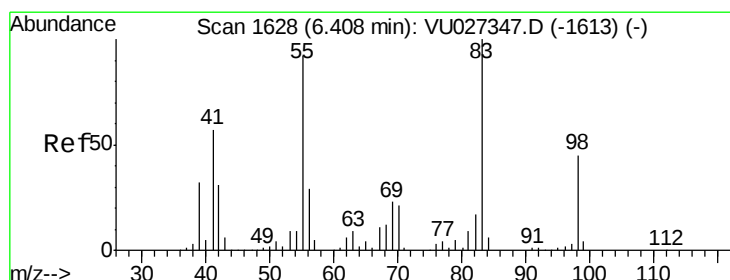
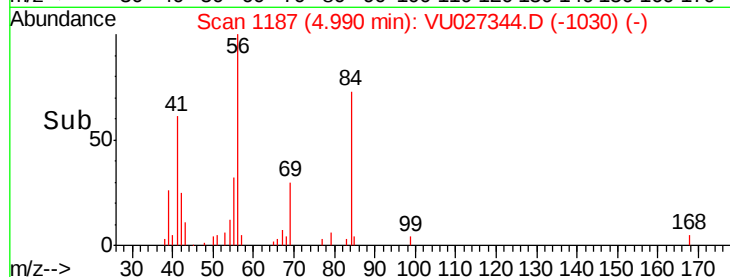
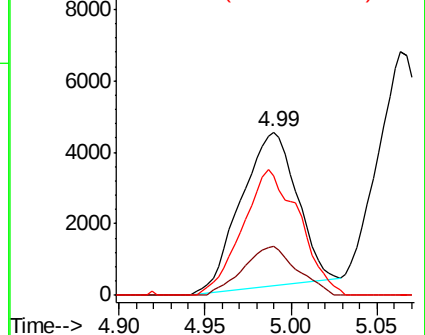
84 83.2 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VU027347.D (-1170) (-)

Ion 69.00 (68.70 to 69.70): VU027347.D (-1170) (-)

Ion 84.00 (83.70 to 84.70): VU027347.D (-1170) (-)



#20

Methylcyclohexane

Concen: 0.944 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

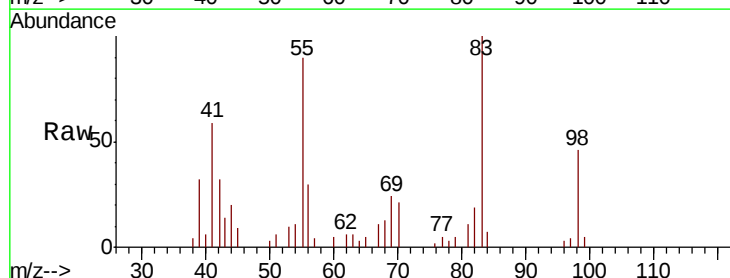
Tgt Ion: 83 Resp: 8957

Ion Ratio Lower Upper

83 100

55 96.3 71.6 107.4

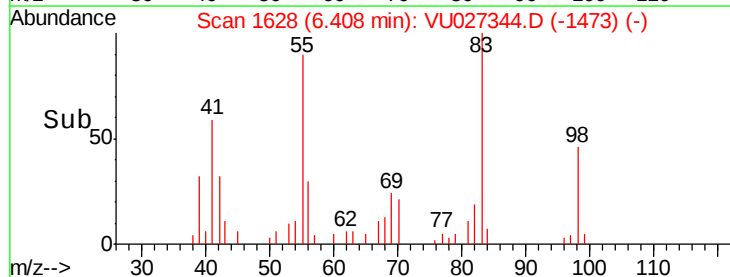
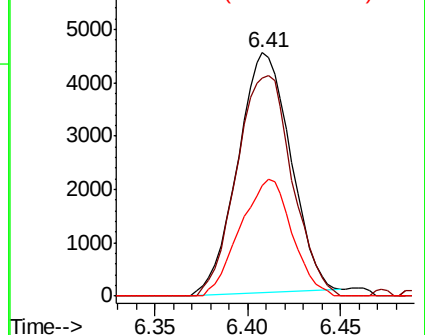
98 47.6 35.8 53.6

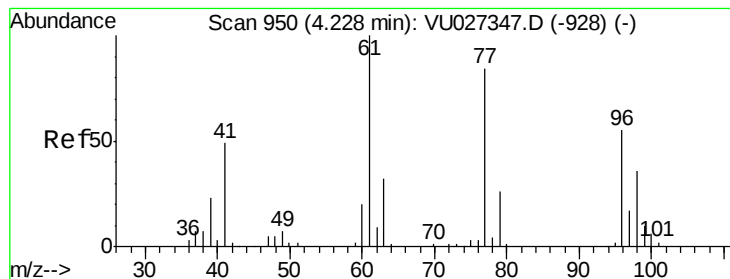


Abundance Ion 83.00 (82.70 to 83.70): VU027347.D (-1613) (-)

Ion 55.00 (54.70 to 55.70): VU027347.D (-1613) (-)

Ion 98.00 (97.70 to 98.70): VU027347.D (-1613) (-)





#21

2,2-Dichloropropane

Concen: 1.474 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

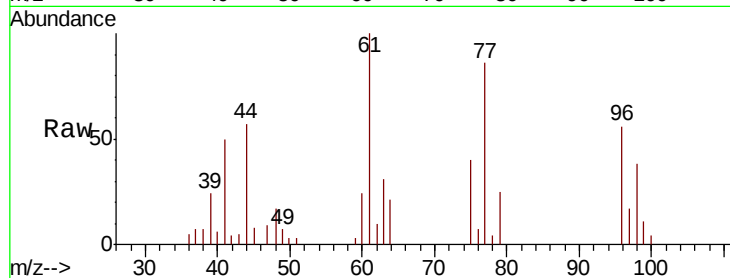
VSTDIC001

Tgt Ion: 77 Resp: 11776

Ion Ratio Lower Upper

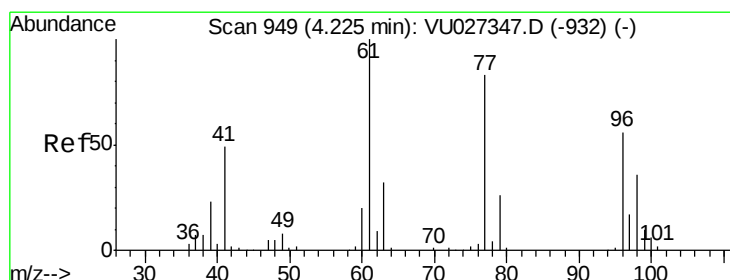
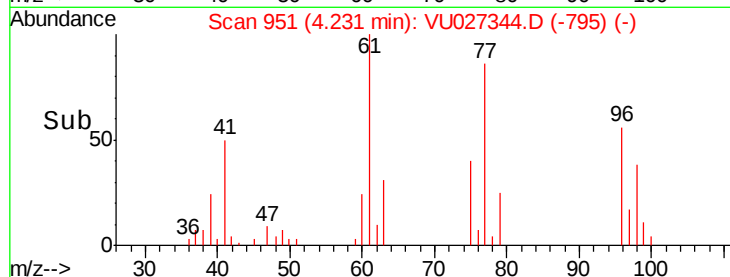
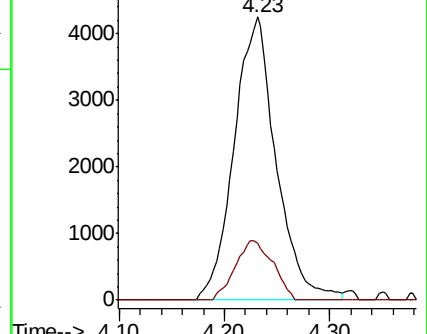
77 100

97 18.8 16.0 24.0



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.01 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

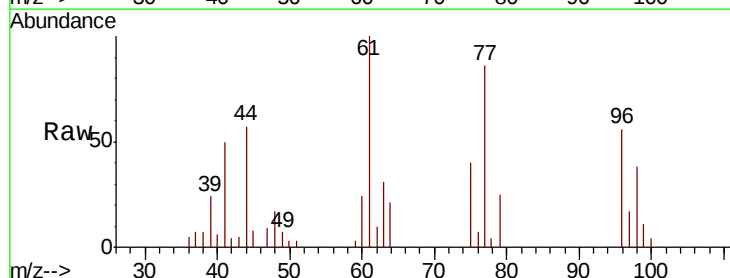
Tgt Ion: 96 Resp: 6724

Ion Ratio Lower Upper

96 100

61 191.4 0.0 461.8

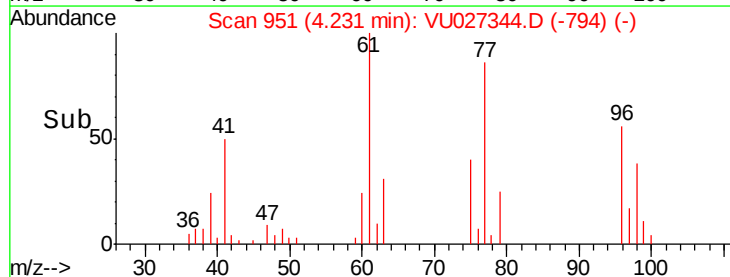
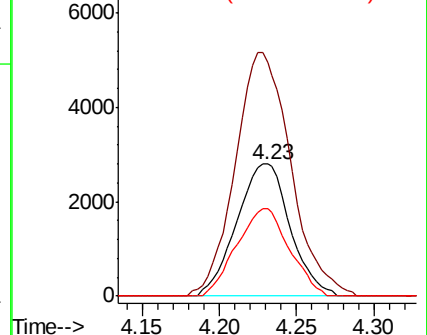
98 65.4 32.5 97.4

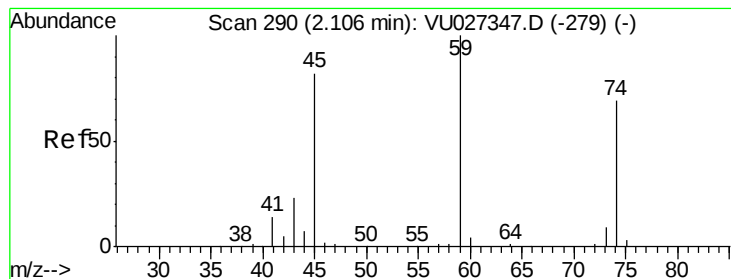


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 1.232 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

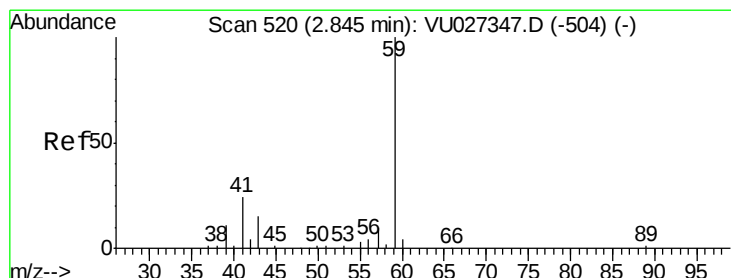
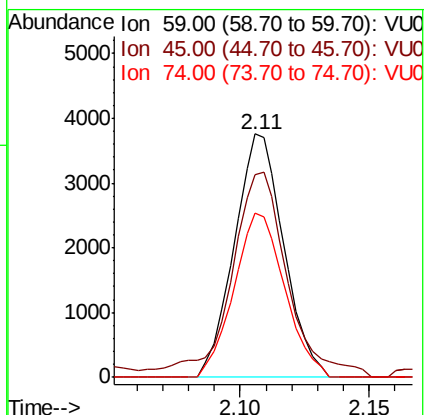
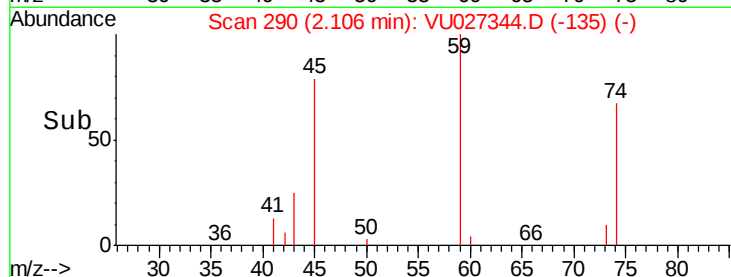
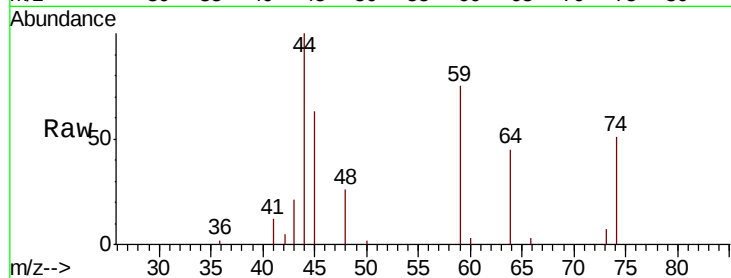
Tgt Ion: 59 Resp: 5023

Ion Ratio Lower Upper

59 100

45 96.4 65.2 97.8

74 69.4 54.2 81.4



#24

tert-Butyl Alcohol

Concen: 12.027 ug/l

RT: 2.84 min Scan# 519

Delta R.T. -0.00 min

Lab File: VU027344.D

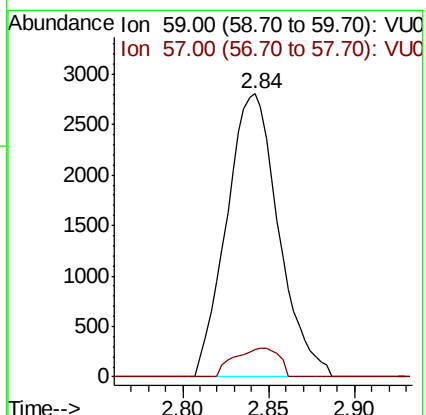
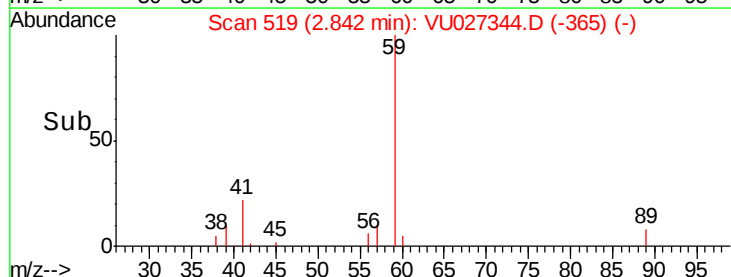
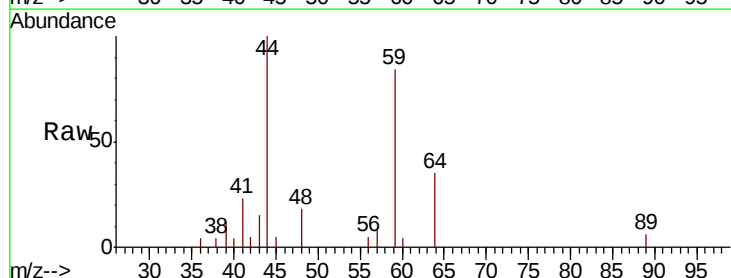
Acq: 02 Oct 2018 15:41

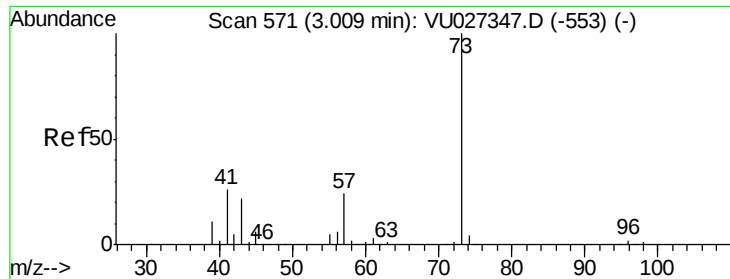
Tgt Ion: 59 Resp: 5909

Ion Ratio Lower Upper

59 100

57 8.7 8.2 12.2





#25

Methyl tert-Butyl Ether

Concen: 1.248 ug/l

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

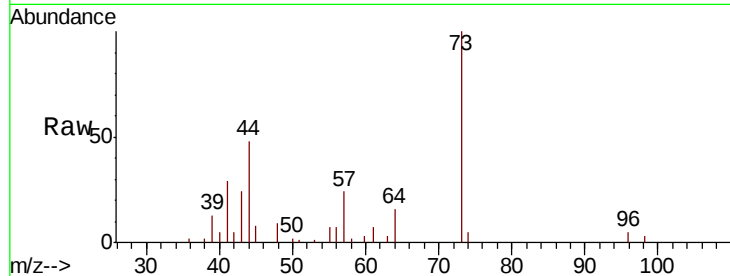
VSTDIC001

Tgt Ion: 73 Resp: 15958

Ion Ratio Lower Upper

73 100

43 26.5 17.6 26.4#



Abundance Ion 73.00 (72.70 to 73.70): VU027347.D (-553) (-)

Ion 43.00 (42.70 to 43.70): VU027347.D (-553) (-)

3.01

8000

6000

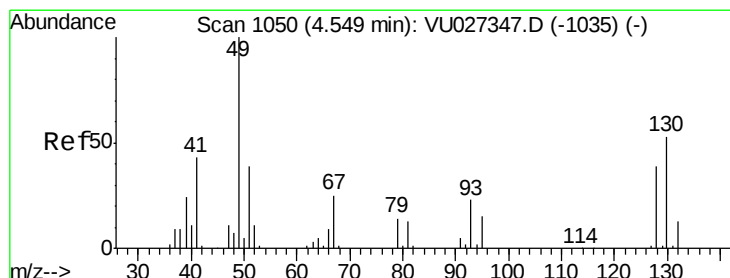
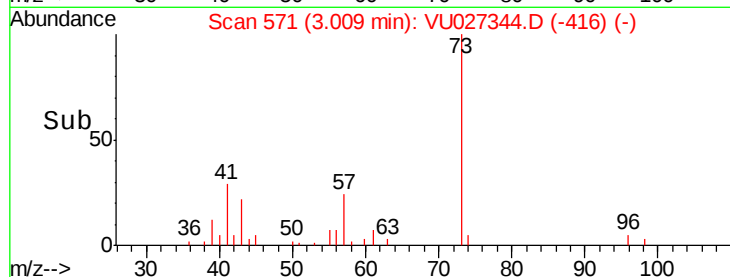
4000

2000

0

Time-->

2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 0.997 ug/l

RT: 4.55 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

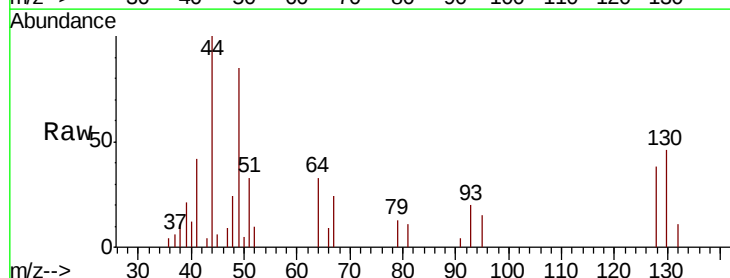
Tgt Ion: 128 Resp: 2601

Ion Ratio Lower Upper

128 100

49 231.6 0.0 498.8

130 120.8 103.8 155.8



Abundance Ion 128.00 (127.70 to 128.70): VU027347.D (-1035) (-)

Ion 49.00 (48.70 to 49.70): VU027347.D (-1035) (-)

Ion 130.00 (129.70 to 130.70): VU027347.D (-1035) (-)

4.55

3000

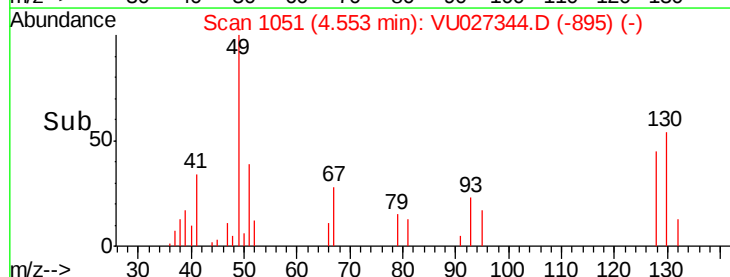
2000

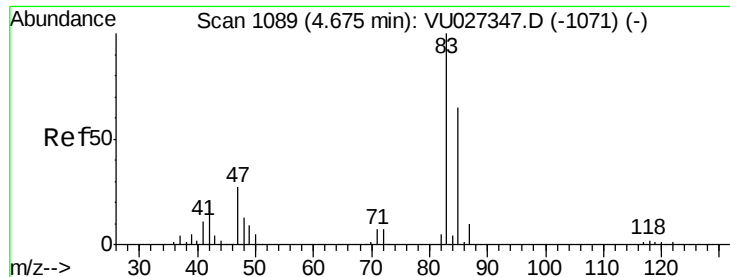
1000

0

Time-->

4.50 4.55 4.60





#27

Chloroform

Concen: 1.190 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

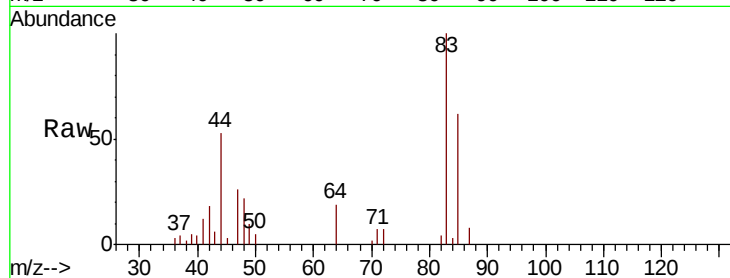
VSTDIC001

Tgt Ion: 83 Resp: 12822

Ion Ratio Lower Upper

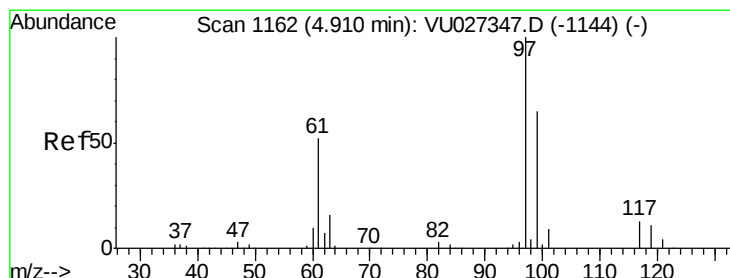
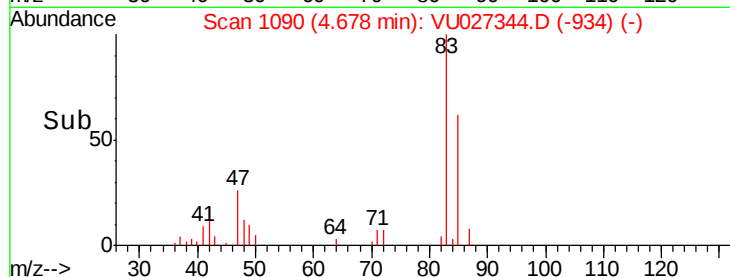
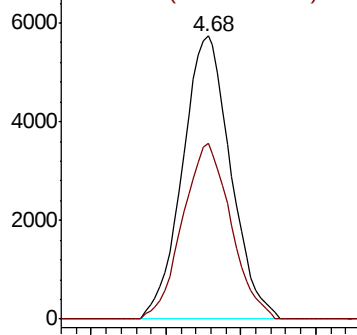
83 100

85 62.2 0.0 129.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.196 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

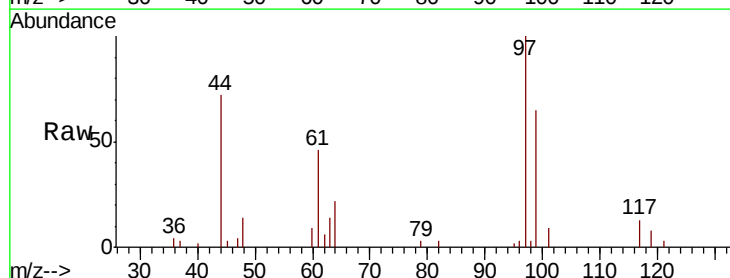
Tgt Ion: 97 Resp: 10098

Ion Ratio Lower Upper

97 100

99 62.1 31.9 95.9

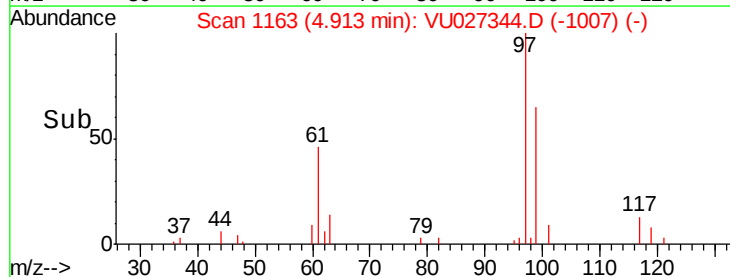
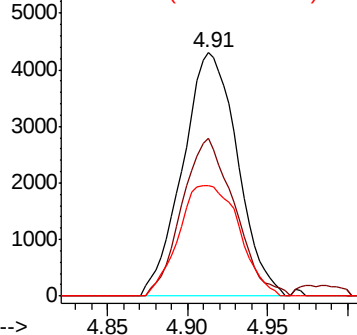
61 50.0 25.7 77.1

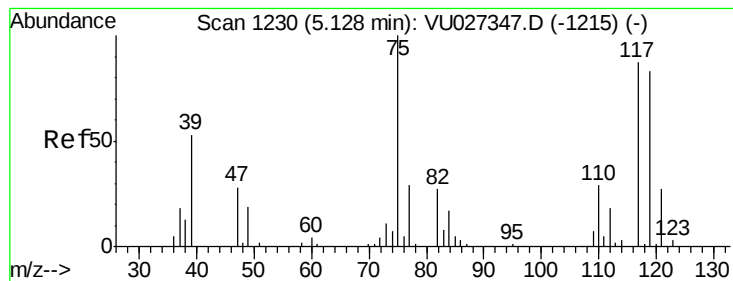


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.127 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

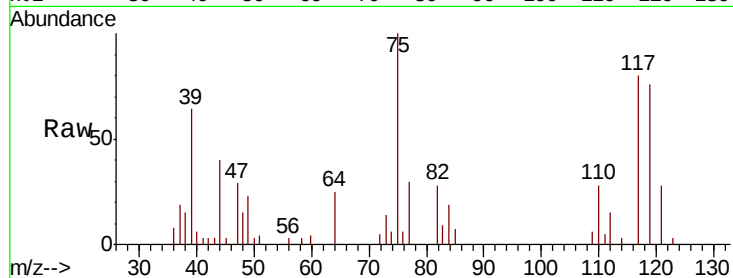
Tgt Ion: 75 Resp: 9264

Ion Ratio Lower Upper

75 100

110 27.5 15.0 45.0

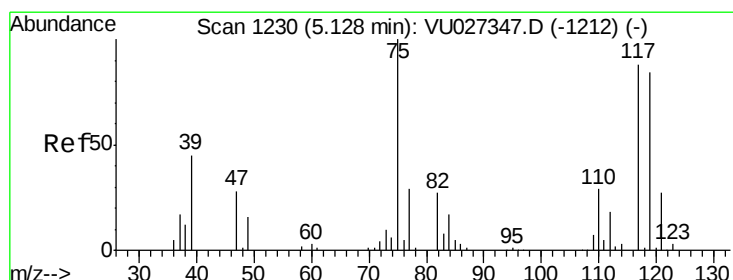
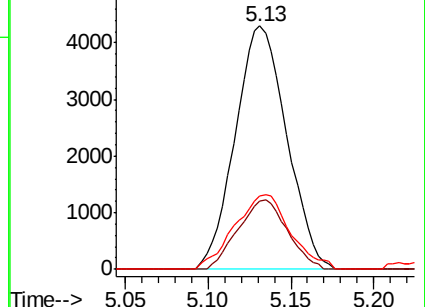
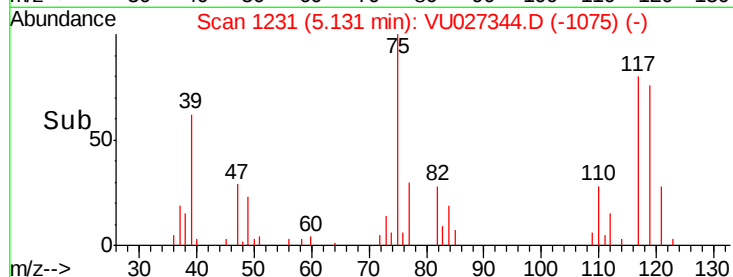
77 33.1 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU027347.D (-1215) (-)

Ion 110.00 (109.70 to 110.70): VU027347.D (-1215) (-)

Ion 77.00 (76.70 to 77.70): VU027347.D (-1215) (-)



#30

Carbon Tetrachloride

Concen: 1.148 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

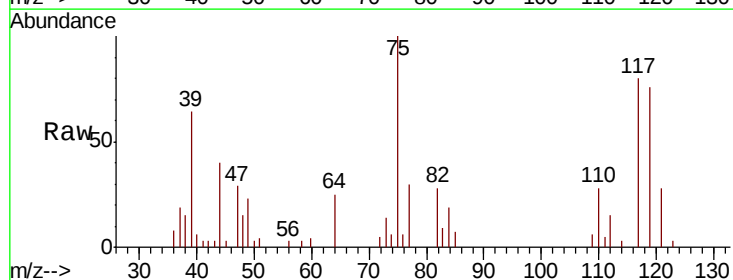
Tgt Ion: 117 Resp: 8055

Ion Ratio Lower Upper

117 100

119 95.5 75.9 113.9

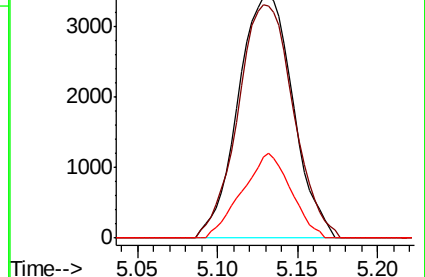
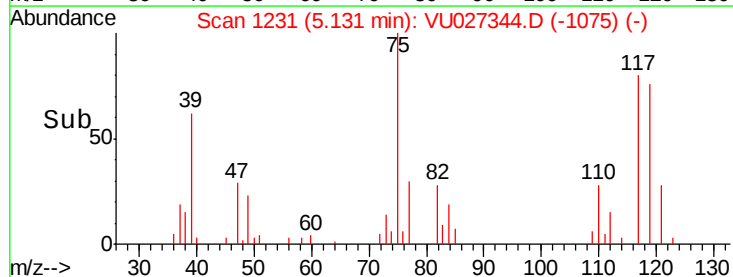
121 34.9 24.6 37.0

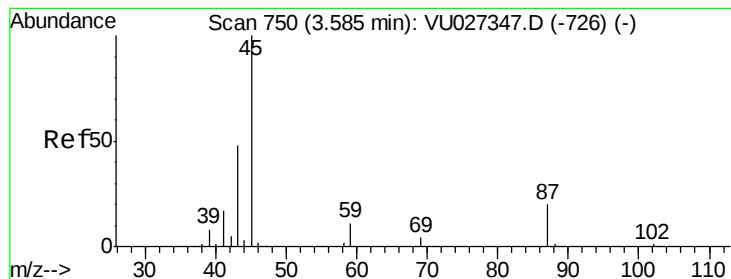


Abundance Ion 117.00 (116.70 to 117.70): VU027347.D (-1212) (-)

Ion 119.00 (118.70 to 119.70): VU027347.D (-1212) (-)

Ion 121.00 (120.70 to 121.70): VU027347.D (-1212) (-)





#31

Isopropyl Ether

Concen: 1.393 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

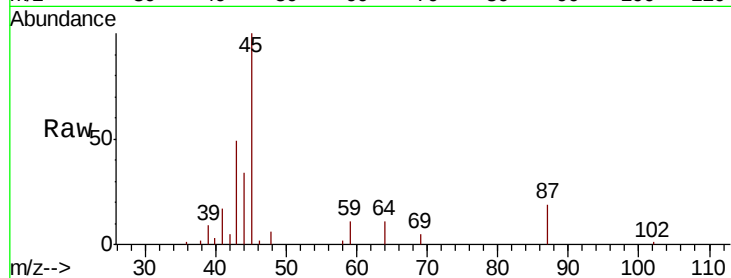
VSTDIC001

Tgt Ion: 45 Resp: 26140

Ion Ratio Lower Upper

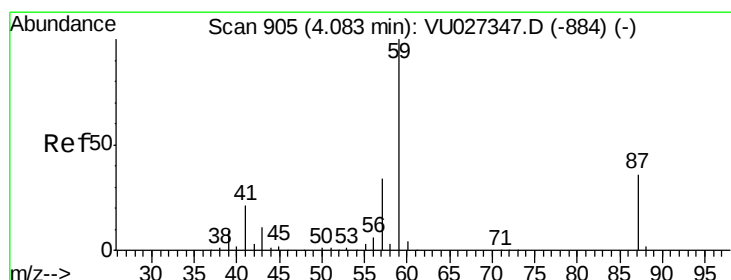
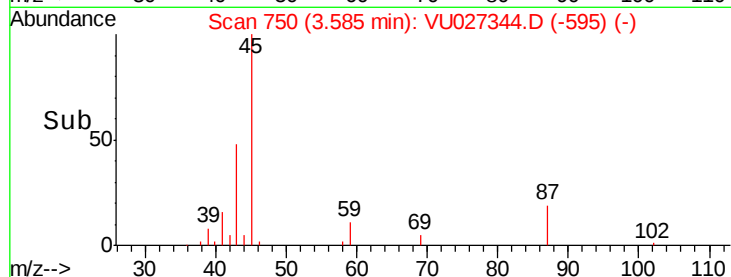
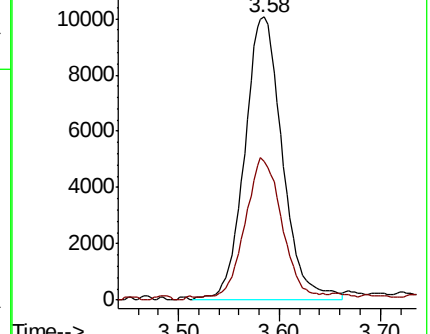
45 100

43 46.9 24.1 72.3



Abundance Ion 45.00 (44.70 to 45.70): VU027347.D (-726) (-)

Ion 43.00 (42.70 to 43.70): VU027347.D (-726) (-)



#32

Ethyl-t-butyl ether

Concen: 1.269 ug/l

RT: 4.09 min Scan# 906

Delta R.T. 0.00 min

Lab File: VU027344.D

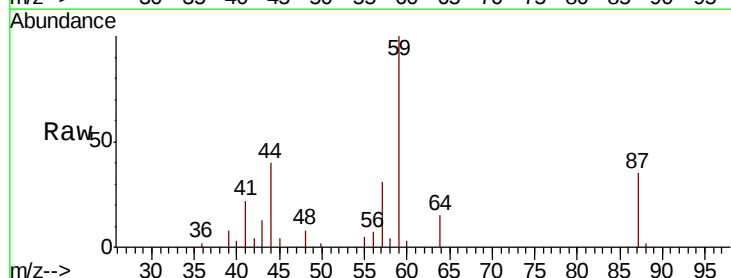
Acq: 02 Oct 2018 15:41

Tgt Ion: 59 Resp: 20172

Ion Ratio Lower Upper

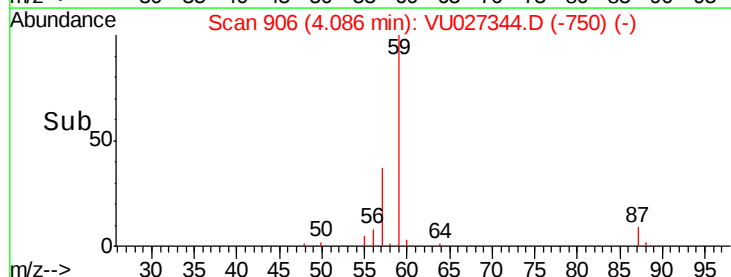
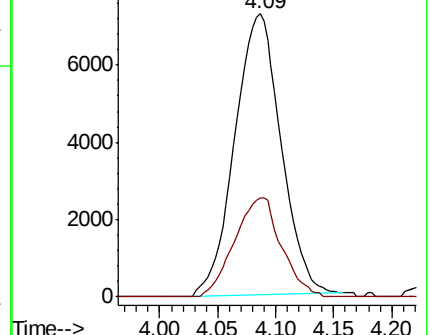
59 100

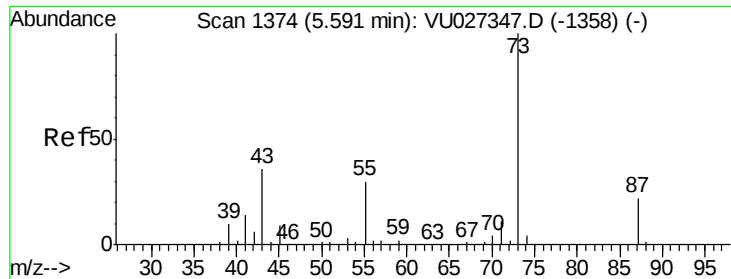
87 35.7 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU027347.D (-884) (-)

Ion 87.00 (86.70 to 87.70): VU027347.D (-884) (-)

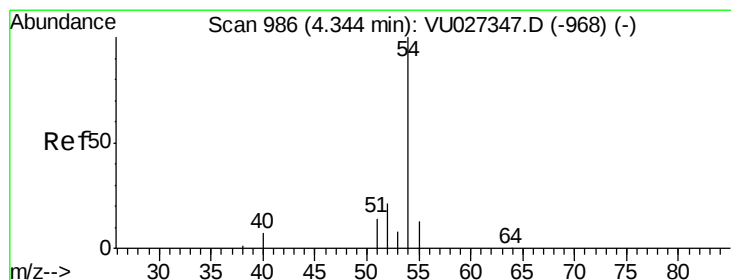
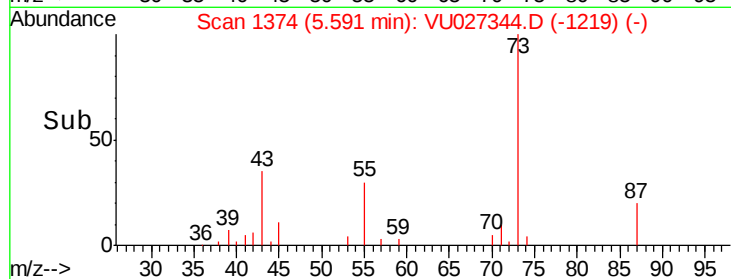
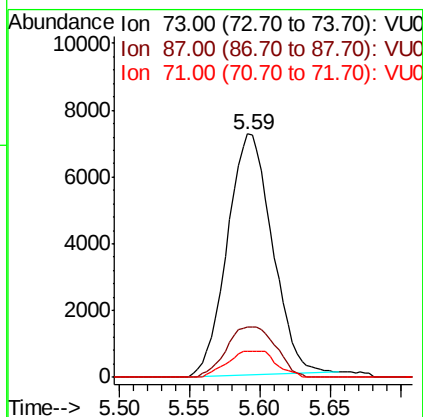
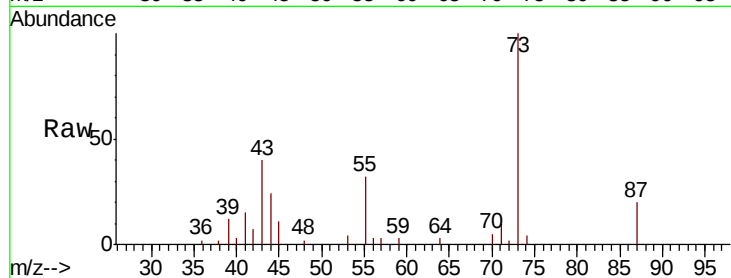




#33
Tert-Amyl methyl ether
Concen: 1.241 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

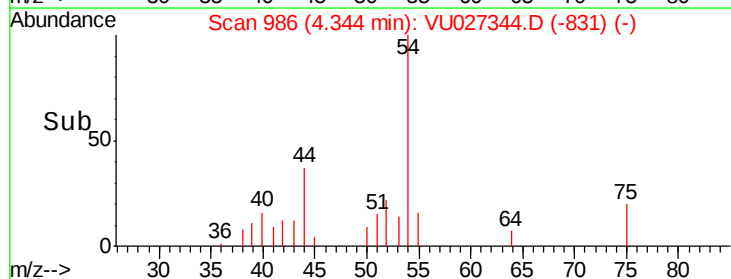
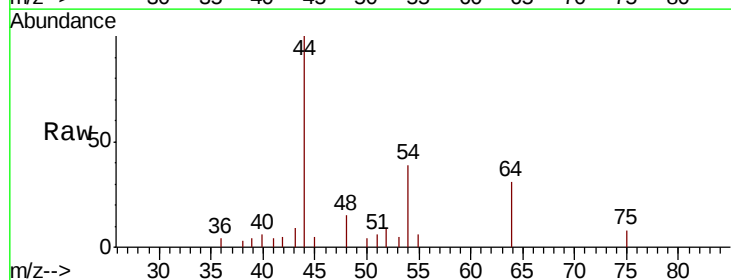
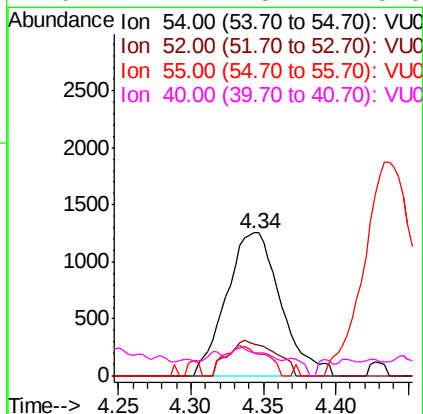
Instrument :
BNA_G
ClientSampleId :
VSTDIC001

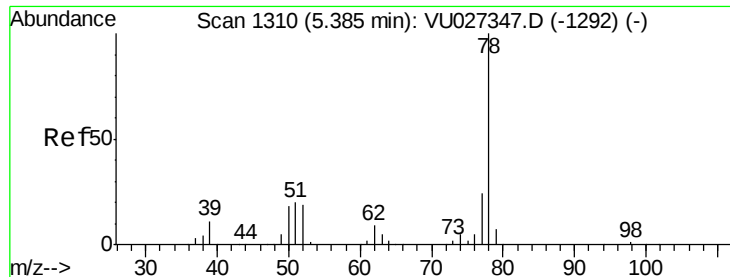
Tgt Ion: 73 Resp: 16128
Ion Ratio Lower Upper
73 100
87 0.0 18.1 27.1#
71 11.6 9.2 13.8



#34
Propionitrile
Concen: 6.431 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 54 Resp: 3275
Ion Ratio Lower Upper
54 100
52 21.7 16.9 25.3
55 15.9 13.9 20.9
40 4.7 5.4 8.0#





#35

Benzene

Concen: 1.133 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

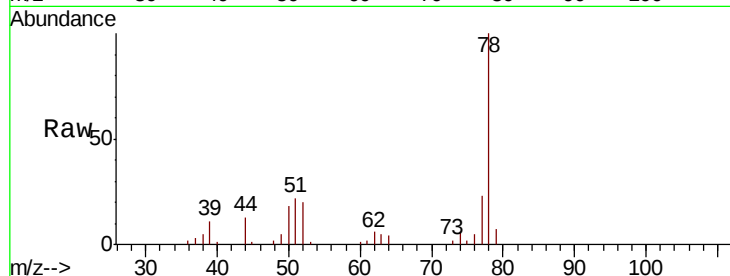
VSTDIC001

Tgt Ion: 78 Resp: 27037

Ion Ratio Lower Upper

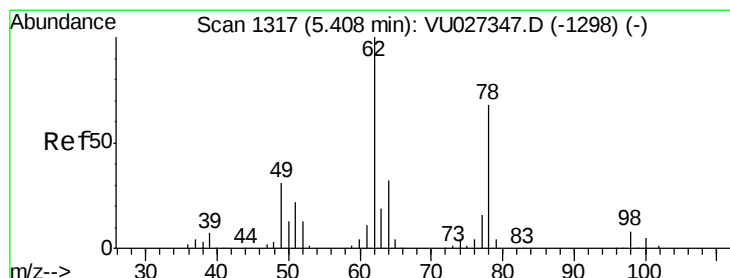
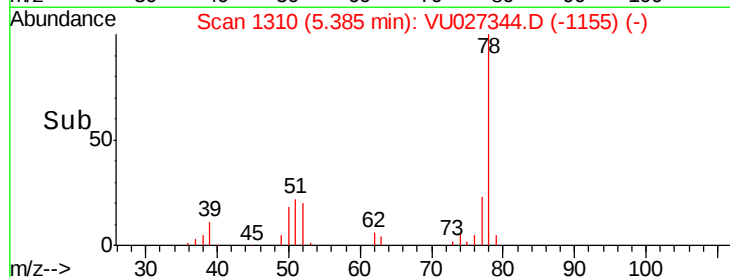
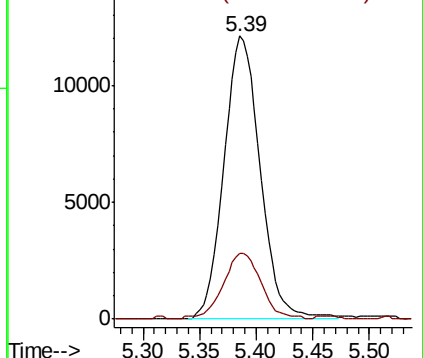
78 100

77 22.4 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.314 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027344.D

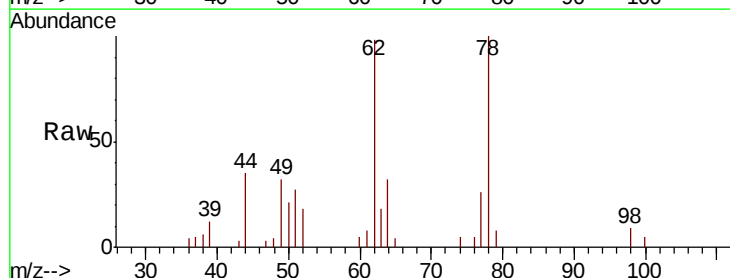
Acq: 02 Oct 2018 15:41

Tgt Ion: 62 Resp: 9035

Ion Ratio Lower Upper

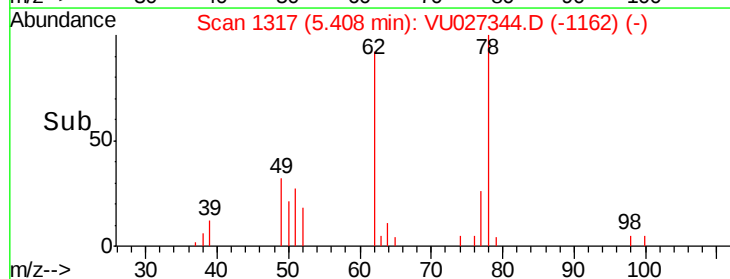
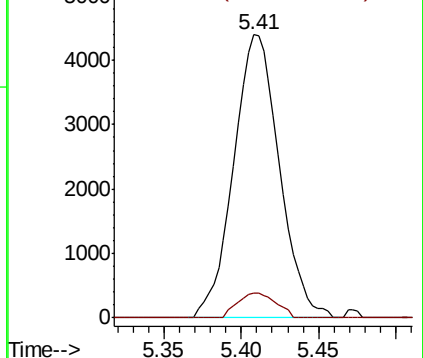
62 100

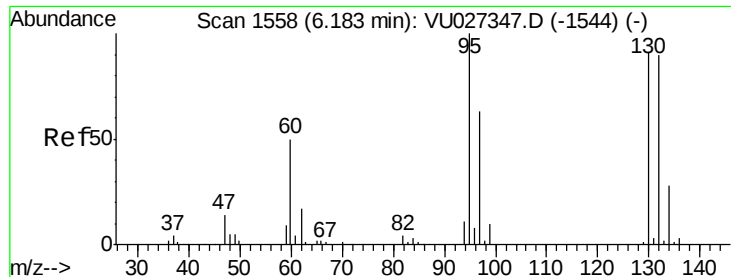
98 7.3 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

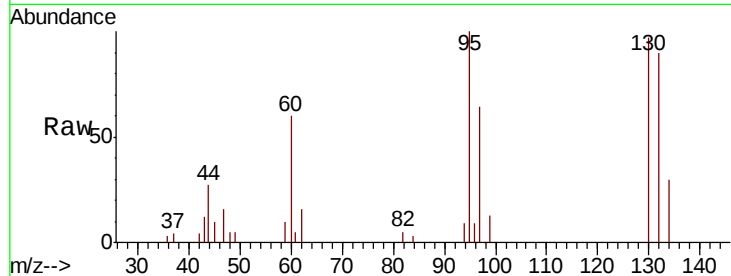




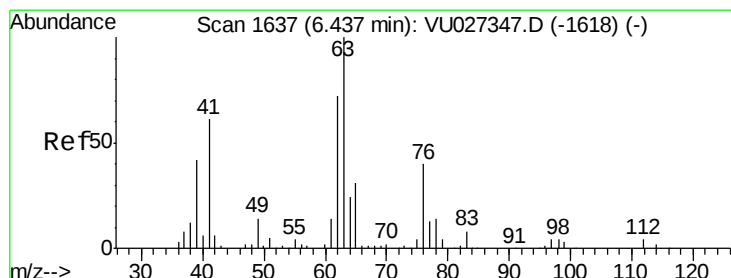
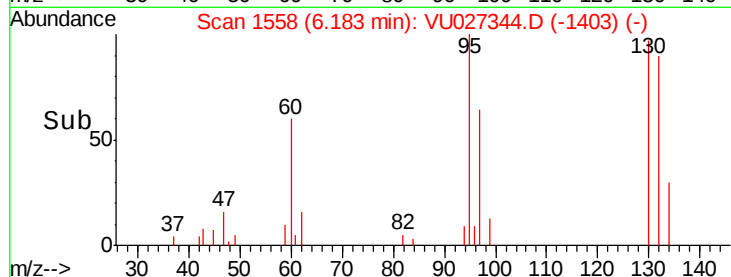
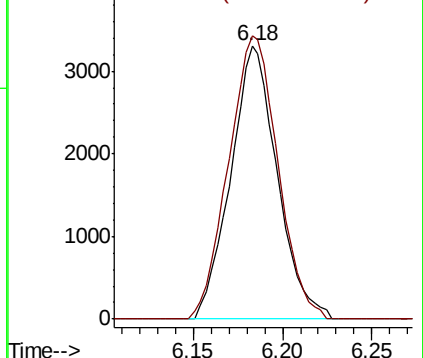
#37
 Trichloroethene
 Concen: 0.951 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

Tgt Ion: 130 Resp: 5994
 Ion Ratio Lower Upper
 130 100
 95 103.5 87.6 131.4

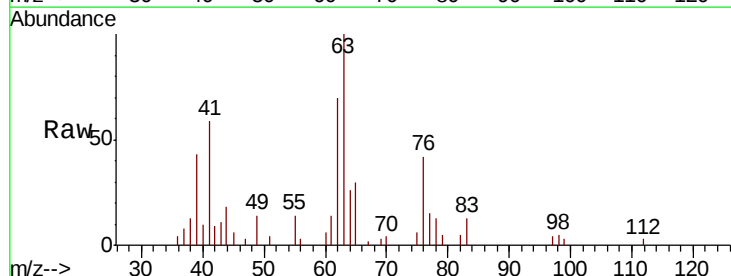


Abundance Ion 129.90 (129.60 to 130.60): VU027347.D (-1544) (-)
 Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)

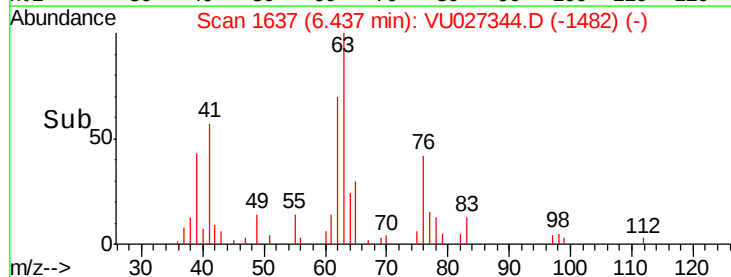
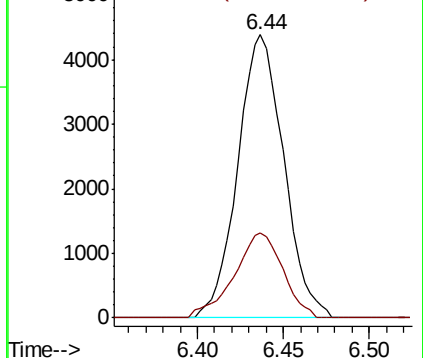


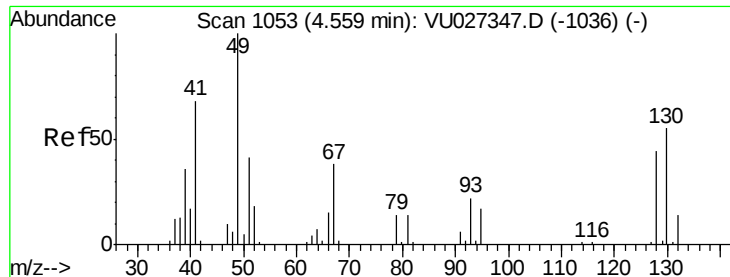
#38
 1,2-Dichloropropane
 Concen: 1.283 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 63 Resp: 8148
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027347.D (-1618) (-)
 Ion 65.00 (64.70 to 65.70): VU027347.D (-1618) (-)

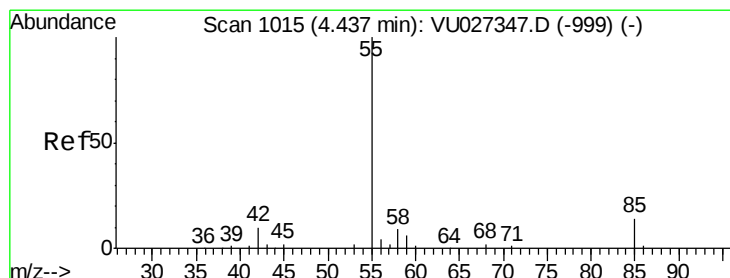
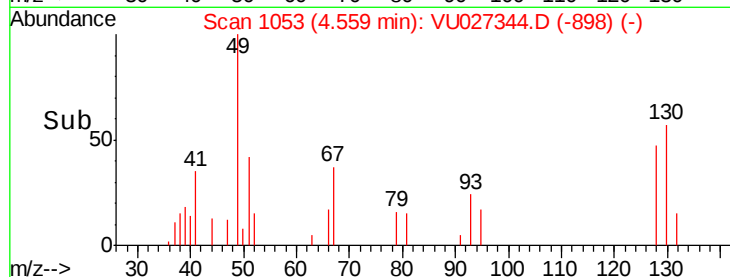
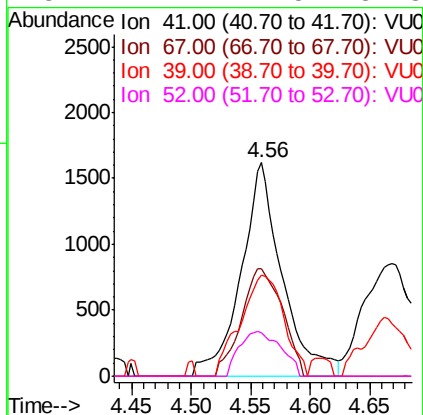
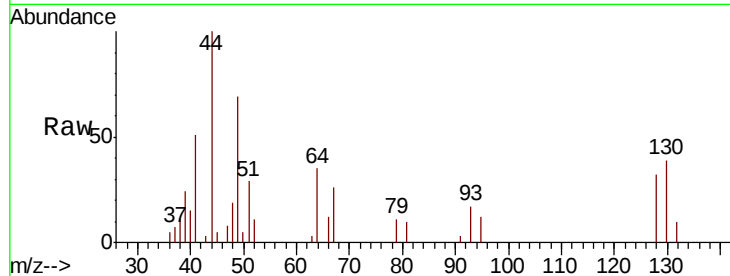




#39
Methacrylonitrile
Concen: 1.710 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

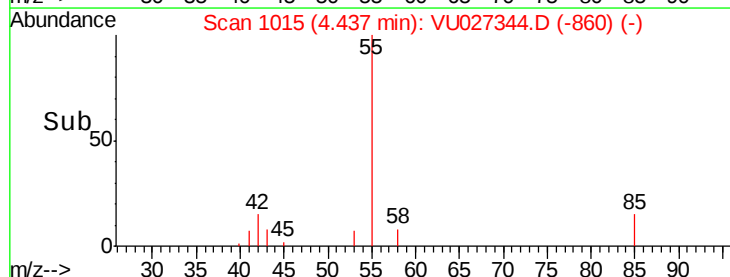
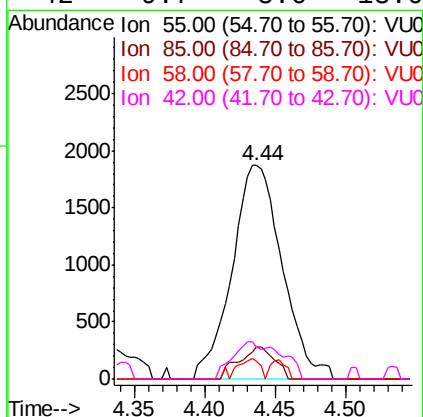
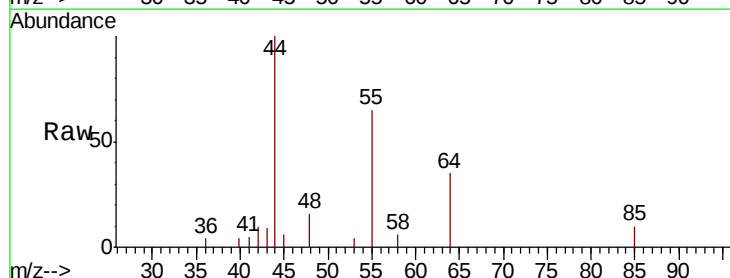
Instrument :
BNA_G
ClientSampleId :
VSTDIC001

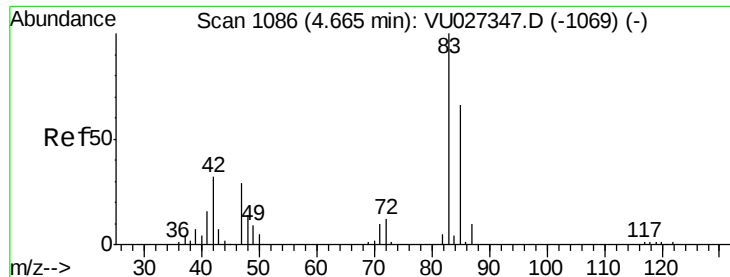
Tgt Ion: 41 Resp: 3867
Ion Ratio Lower Upper
41 100
67 50.0 46.2 69.2
39 50.1 43.8 65.6
52 21.2 21.5 32.3#



#40
Methyl acrylate
Concen: 1.452 ug/l
RT: 4.44 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 55 Resp: 4657
Ion Ratio Lower Upper
55 100
85 10.8 11.8 17.8#
58 4.4 7.3 10.9#
42 9.7 8.6 13.0





#41

Tetrahydrofuran

Concen: 3.337 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

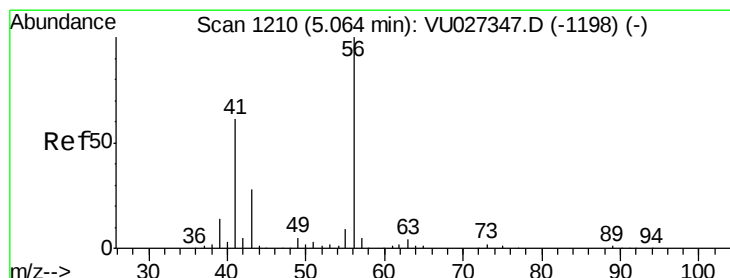
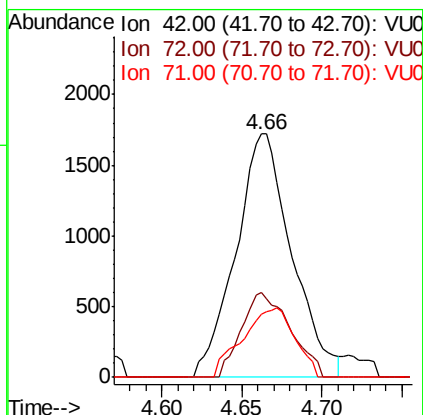
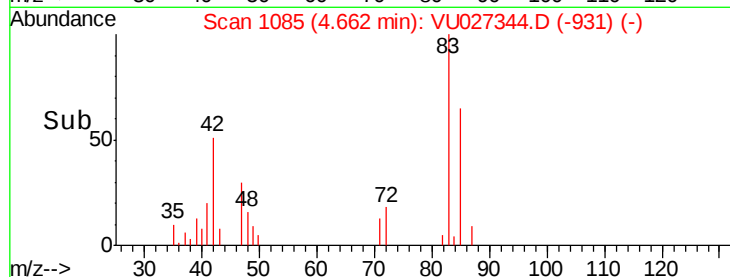
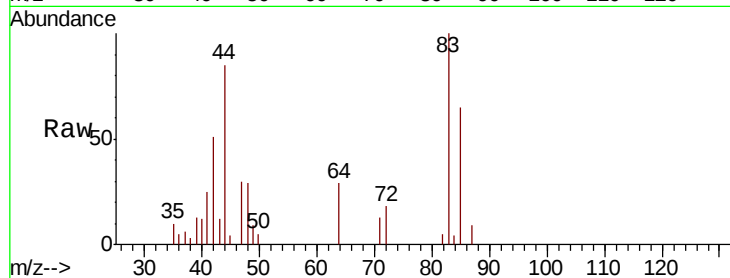
Tgt Ion: 42 Resp: 4132

Ion Ratio Lower Upper

42 100

72 30.4 29.2 43.8

71 26.5 25.8 38.8



#42

1-Chlorobutane

Concen: 1.188 ug/l

RT: 5.06 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VU027344.D

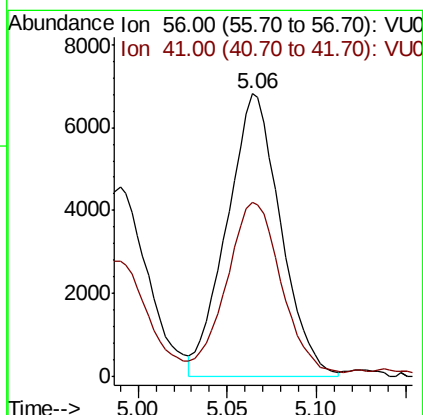
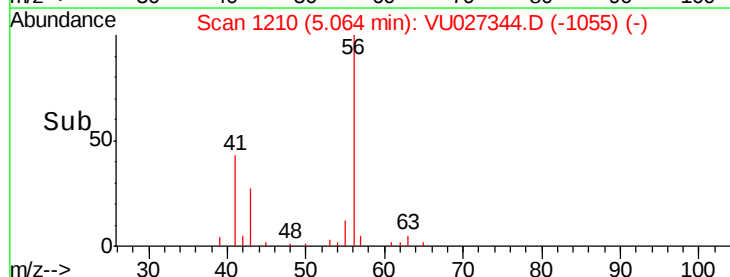
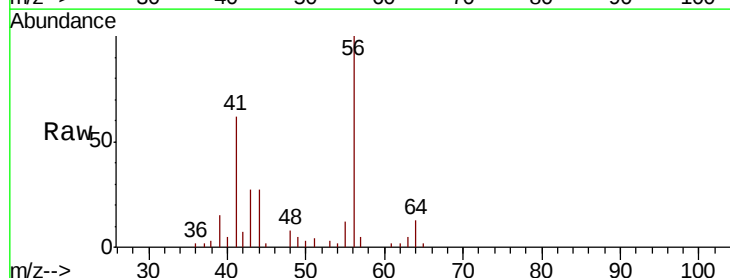
Acq: 02 Oct 2018 15:41

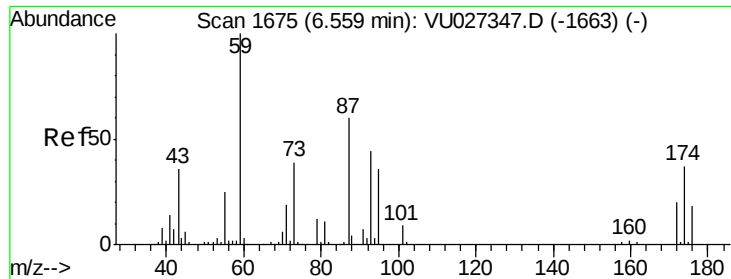
Tgt Ion: 56 Resp: 14293

Ion Ratio Lower Upper

56 100

41 60.9 28.7 86.3

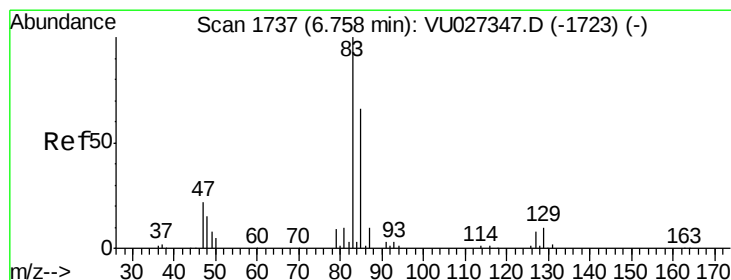
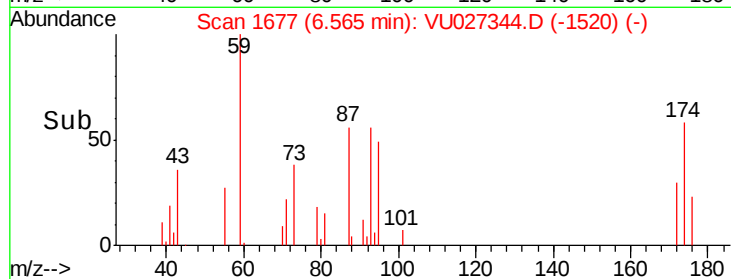
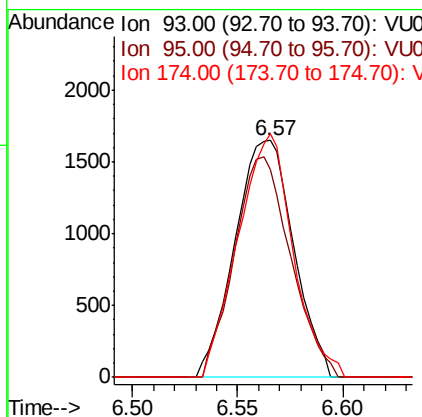
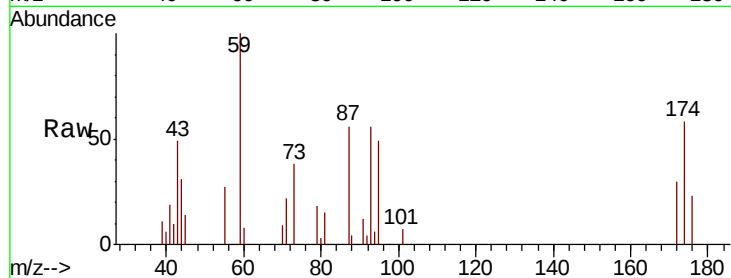




#43
Dibromomethane
Concen: 1.119 ug/l
RT: 6.57 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

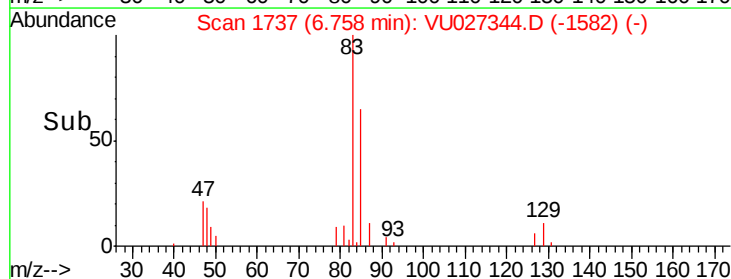
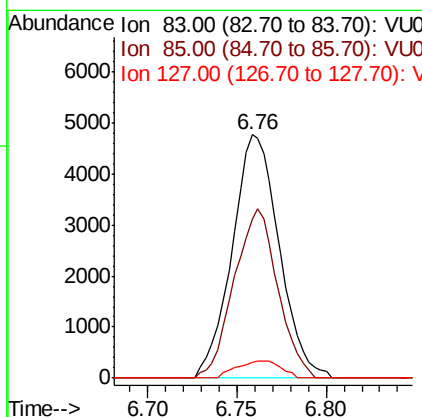
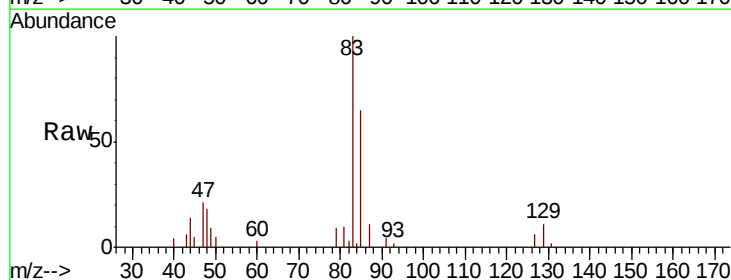
Instrument :
BNA_G
ClientSampleId :
VSTDIC001

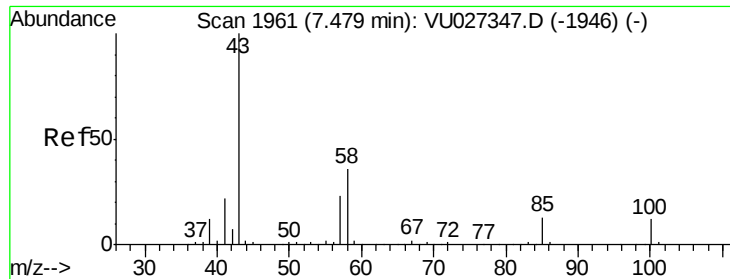
Tgt Ion: 93 Resp: 3189
Ion Ratio Lower Upper
93 100
95 89.2 64.7 97.1
174 96.6 68.2 102.4



#44
Bromodichloromethane
Concen: 1.264 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 83 Resp: 8770
Ion Ratio Lower Upper
83 100
85 65.3 52.6 79.0
127 6.4 6.2 9.2

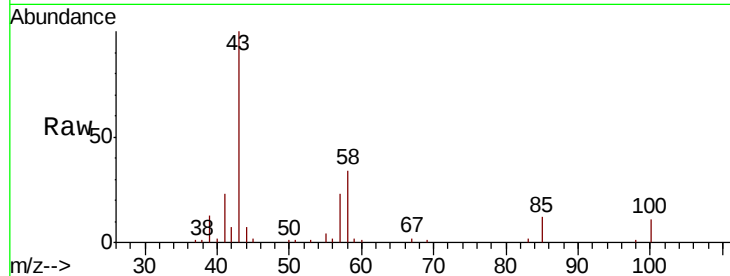




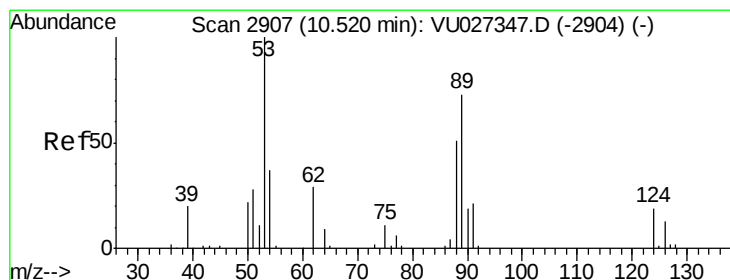
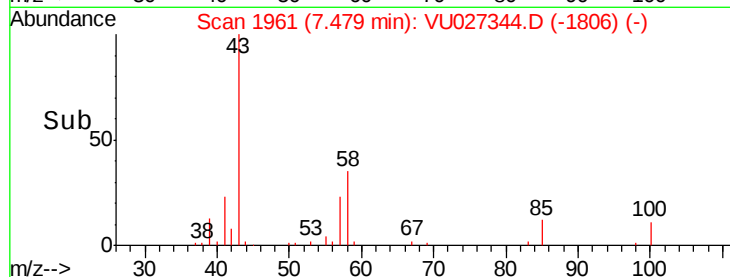
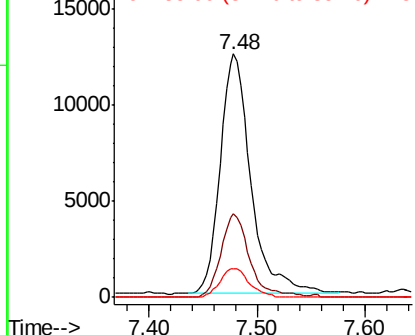
#45
4-Methyl-2-Pentanone
Concen: 6.008 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 24518
Ion Ratio Lower Upper
43 100
58 32.8 17.9 53.8
85 11.5 10.6 16.0

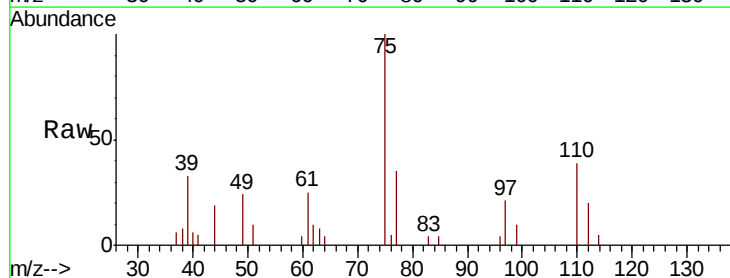


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

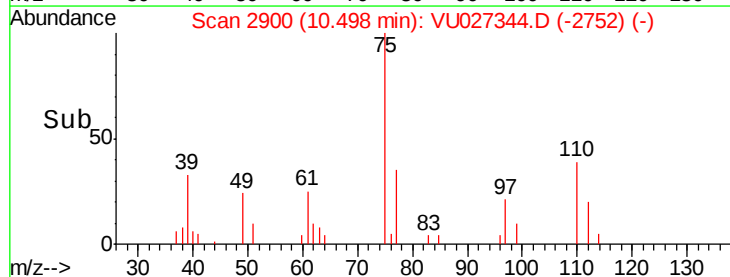
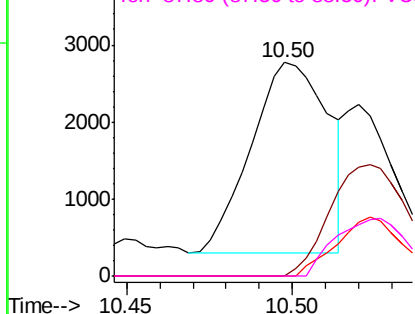


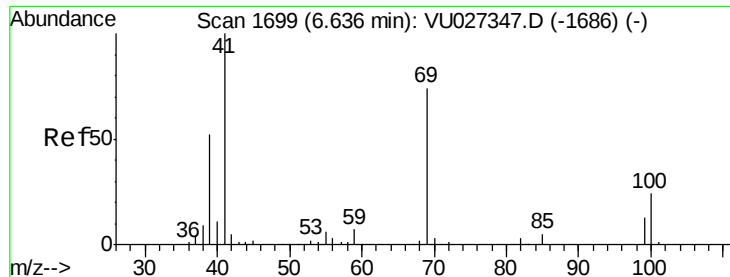
#46
t-1,4-Dichloro-2-butene
Concen: 3.722 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 75 Resp: 3998
Ion Ratio Lower Upper
75 100
53 60.9 75.7 113.5#
89 27.1 42.6 64.0#
88 27.9 33.9 50.9#



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

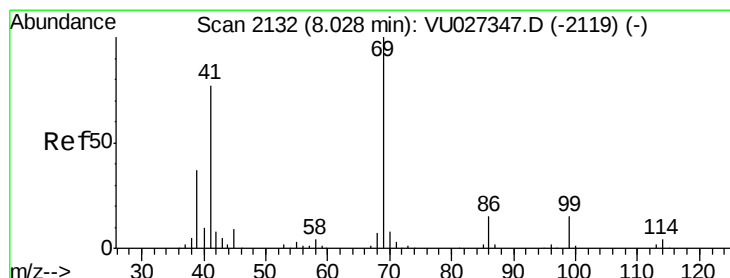
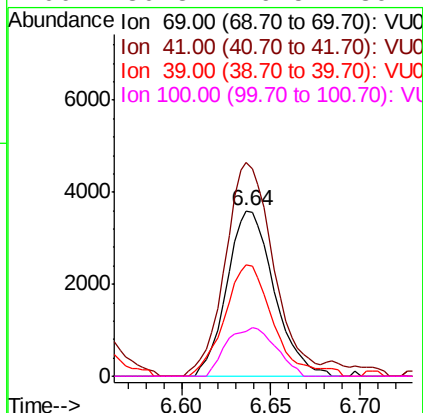
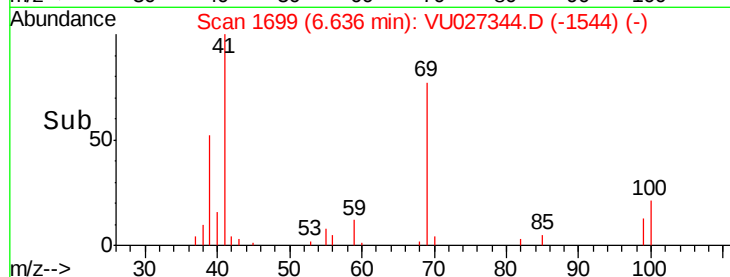
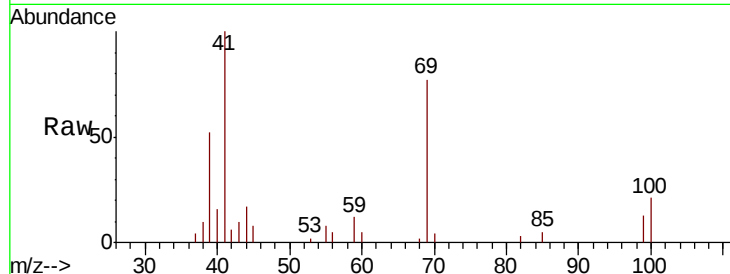




#47
Methyl methacrylate
Concen: 2.338 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

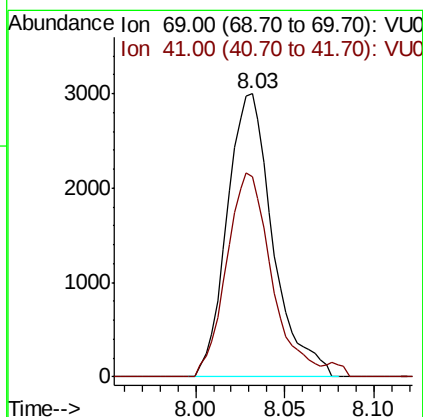
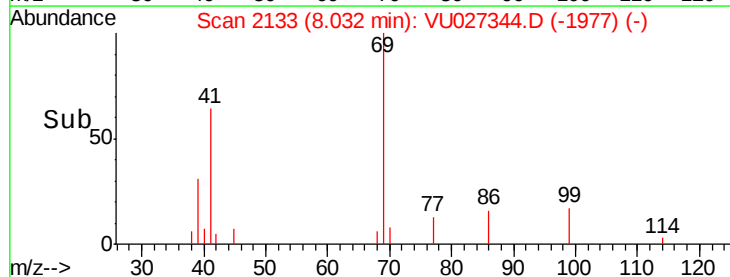
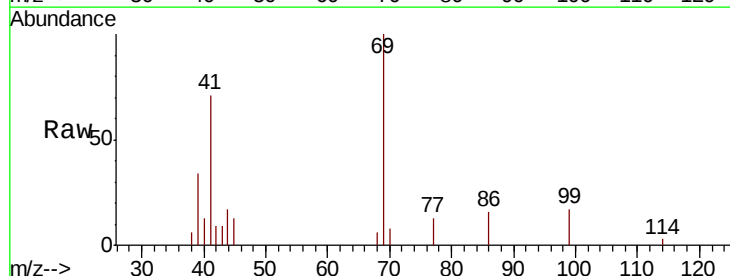
Instrument :
BNA_G
ClientSampleId :
VSTDIC001

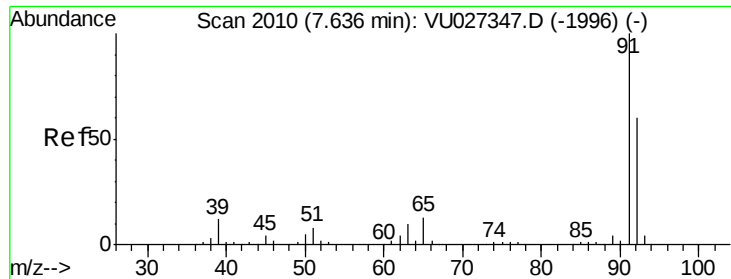
Tgt Ion: 69 Resp: 6627
Ion Ratio Lower Upper
69 100
41 132.4 0.0 272.2
39 69.5 56.4 84.6
100 30.8 26.5 39.7



#48
Ethyl methacrylate
Concen: 1.023 ug/l
RT: 8.03 min Scan# 2133
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 69 Resp: 5358
Ion Ratio Lower Upper
69 100
41 70.9 38.9 116.7





#49

Toluene

Concen: 0.966 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

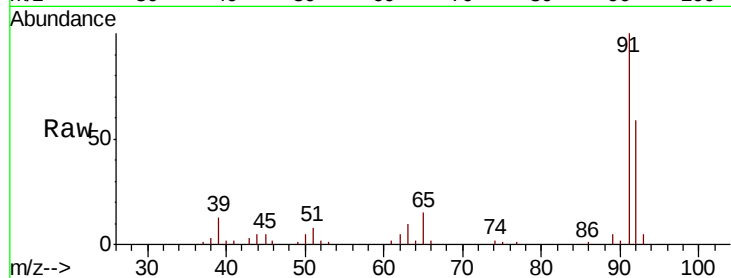
VSTDIC001

Tgt Ion: 92 Resp: 13544

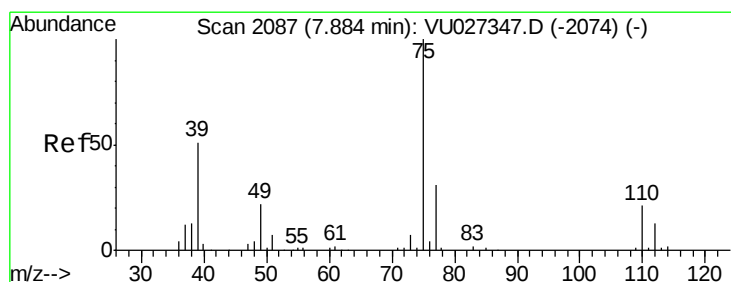
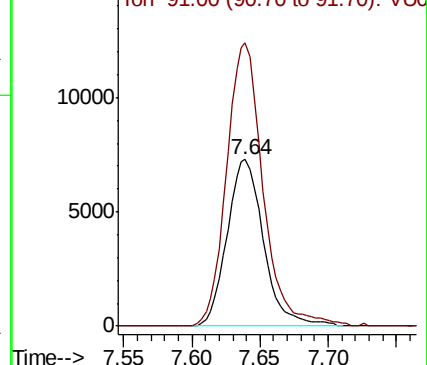
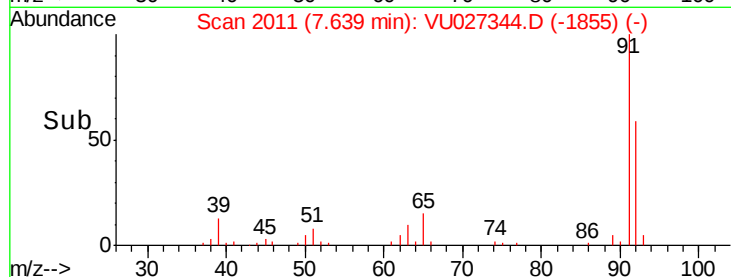
Ion Ratio Lower Upper

92 100

91 169.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU027344.D (-1855) (-)



#50

t-1,3-Dichloropropene

Concen: 1.303 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027344.D

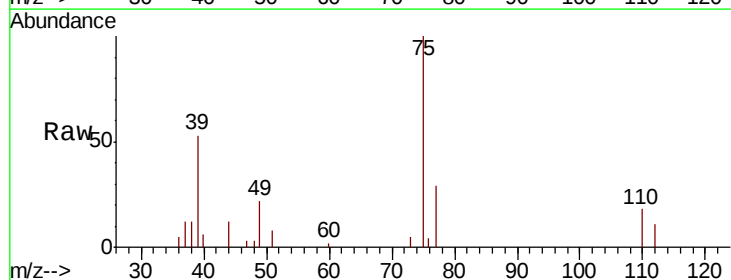
Acq: 02 Oct 2018 15:41

Tgt Ion: 75 Resp: 7830

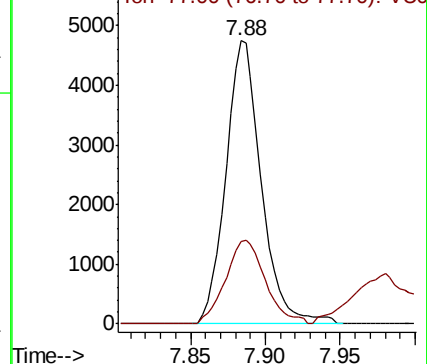
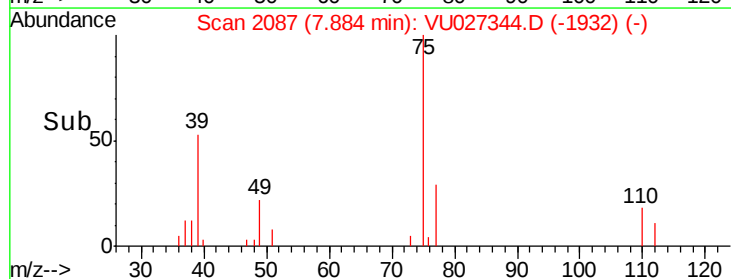
Ion Ratio Lower Upper

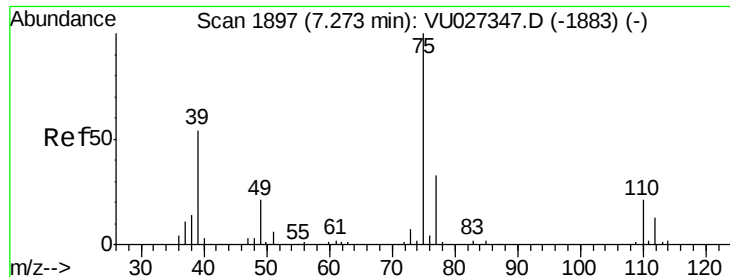
75 100

77 29.0 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU027344.D (-1932) (-)



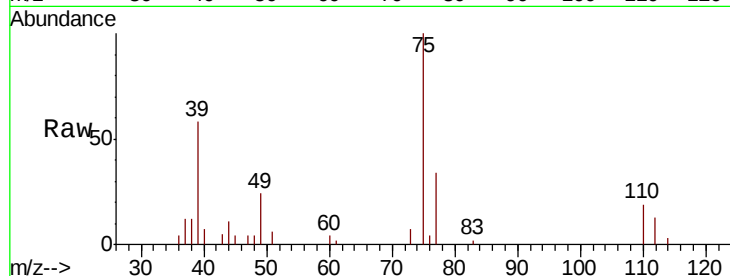


#51

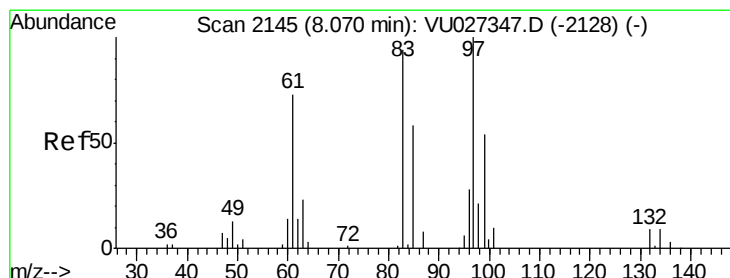
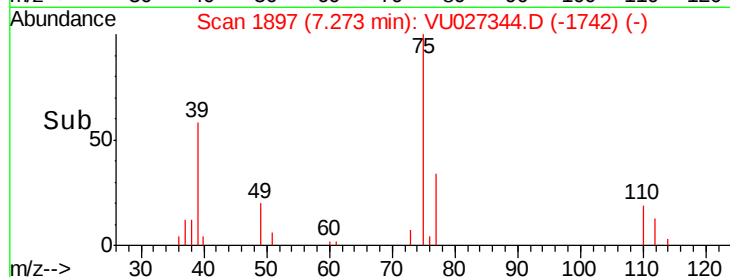
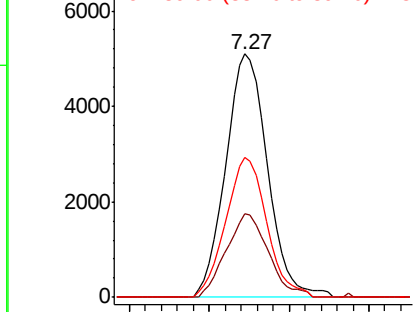
cis-1,3-Dichloropropene
Concen: 1.195 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 9076
Ion Ratio Lower Upper
75 100
77 34.2 26.1 39.1
39 57.6 43.1 64.7



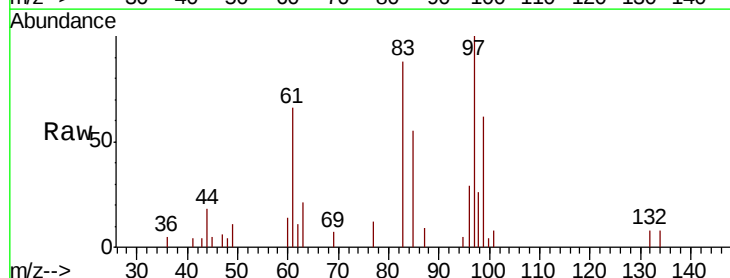
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



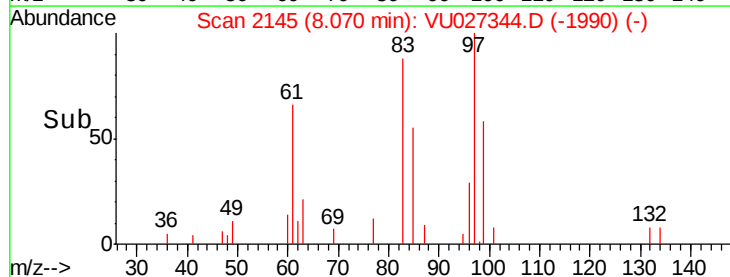
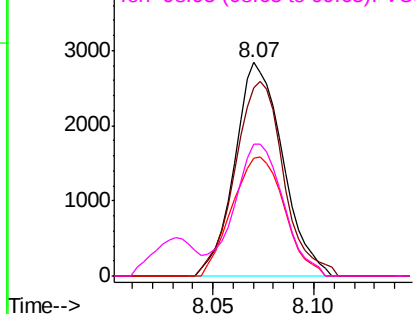
#52

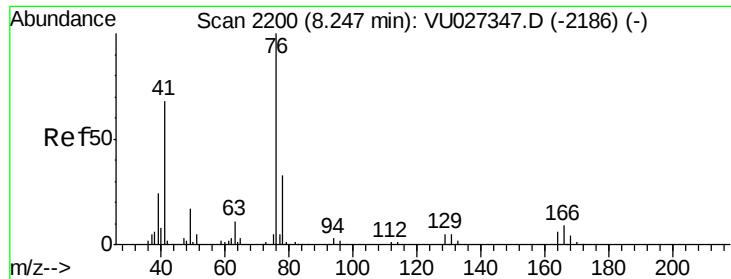
1,1,2-Trichloroethane
Concen: 1.119 ug/l
RT: 8.07 min Scan# 2145
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 97 Resp: 4736
Ion Ratio Lower Upper
97 100
83 88.0 75.3 112.9
85 55.4 47.3 70.9
99 61.6 51.7 77.5



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

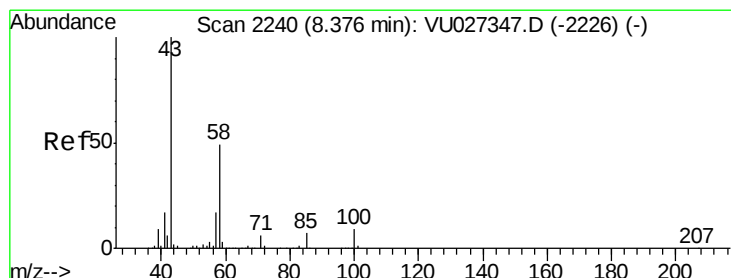
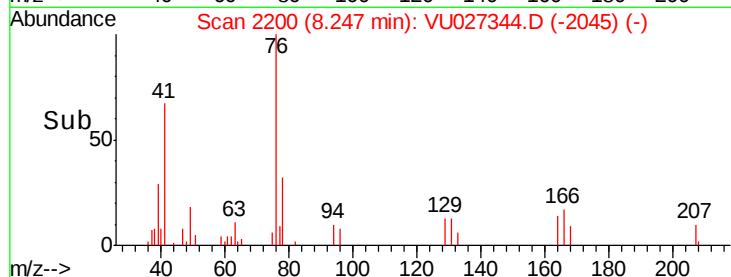
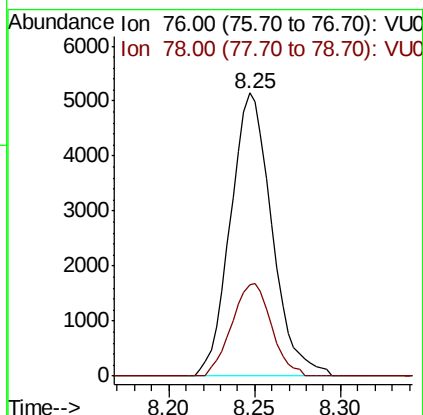
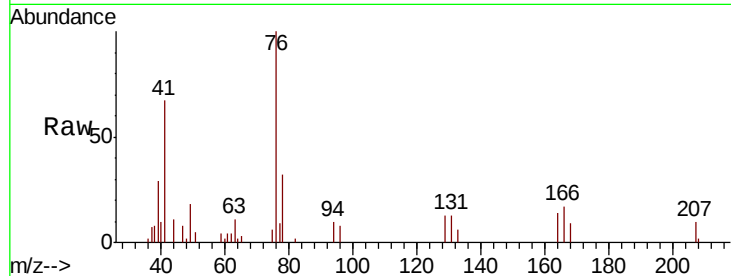




#53
 1,3-Dichloropropane
 Concen: 1.143 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

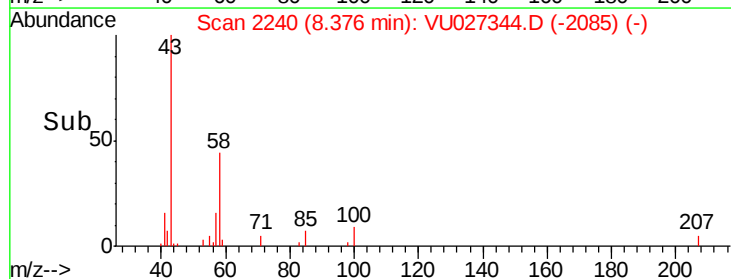
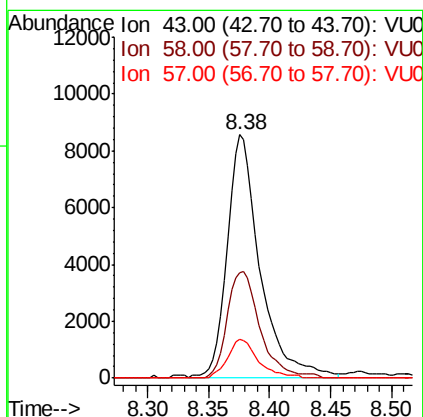
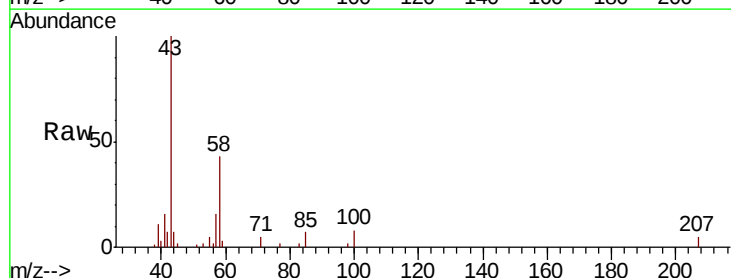
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

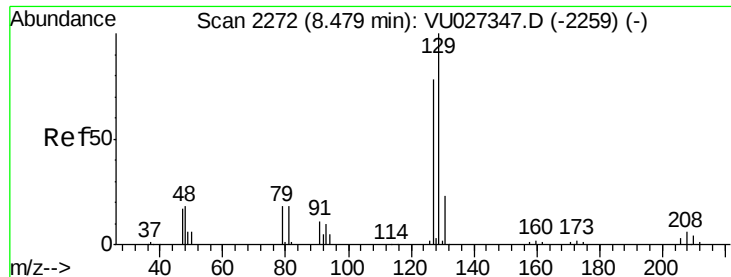
Tgt Ion: 76 Resp: 8610
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#54
 2-Hexanone
 Concen: 5.747 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 43 Resp: 16208
 Ion Ratio Lower Upper
 43 100
 58 42.9 29.5 69.5
 57 14.8 0.0 37.0





#55

Dibromochloromethane

Concen: 1.203 ug/l

RT: 8.48 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

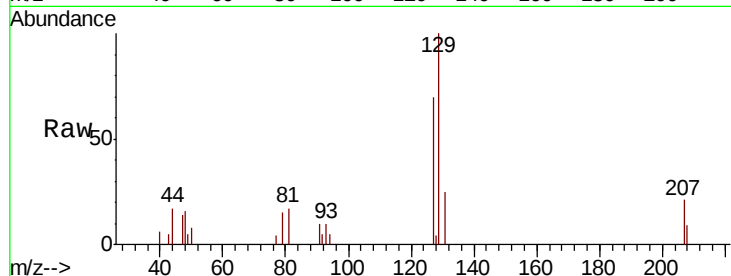
VSTDIC001

Tgt Ion:129 Resp: 4979

Ion Ratio Lower Upper

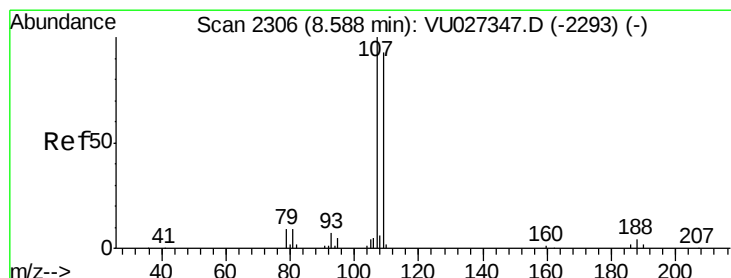
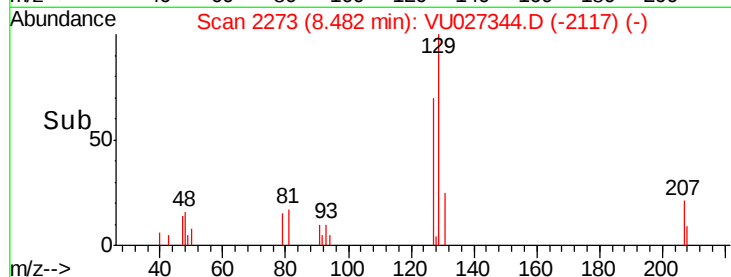
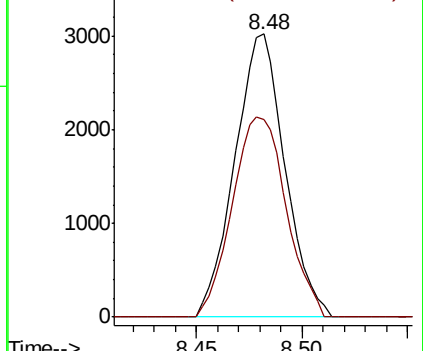
129 100

127 76.1 61.8 92.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.070 ug/l

RT: 8.59 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VU027344.D

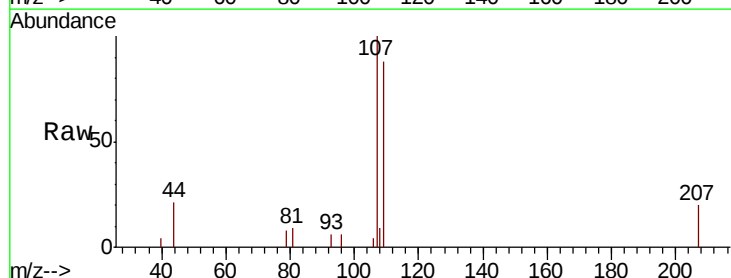
Acq: 02 Oct 2018 15:41

Tgt Ion:107 Resp: 4047

Ion Ratio Lower Upper

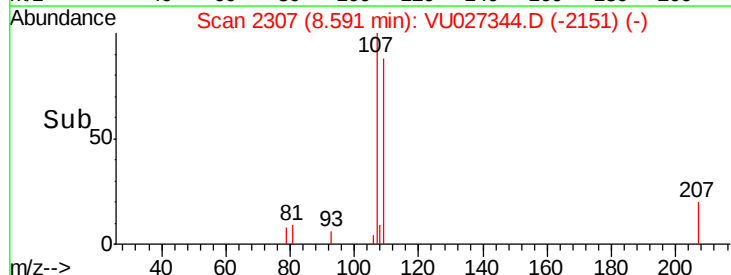
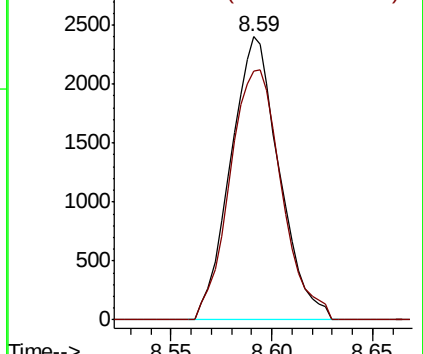
107 100

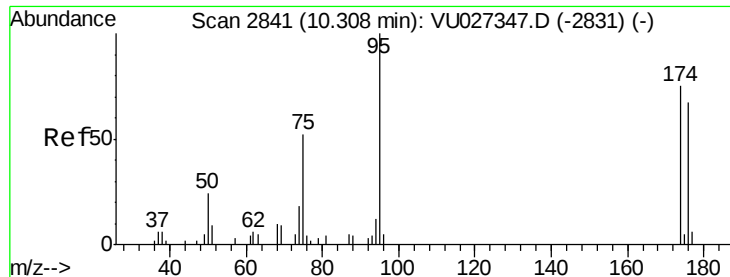
109 93.9 0.0 191.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

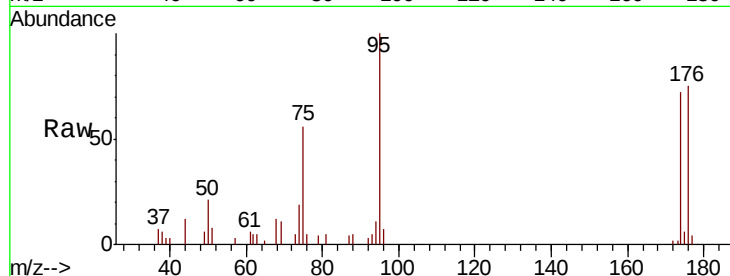




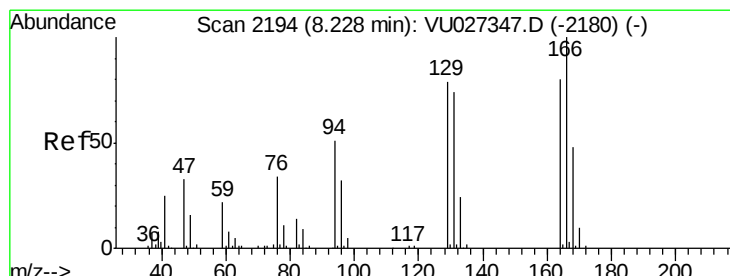
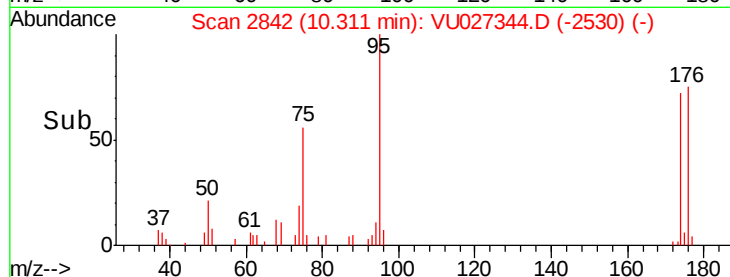
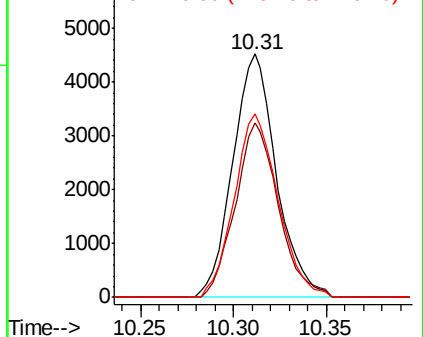
#57
4-Bromofluorobenzene
Concen: 1.070 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion: 95 Resp: 7374
Ion Ratio Lower Upper
95 100
174 71.1 61.0 91.6
176 75.9 57.2 85.8



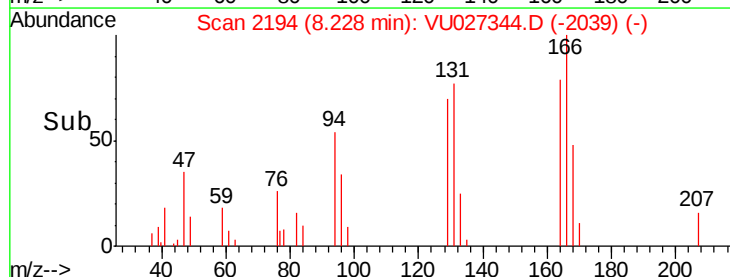
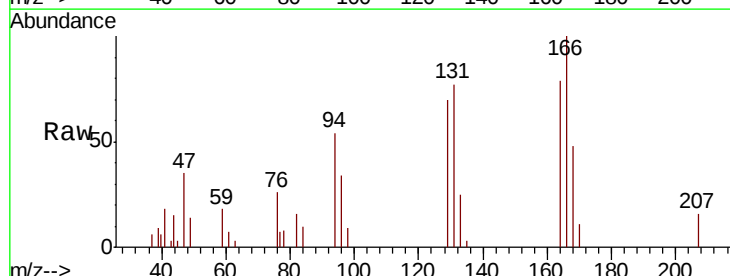
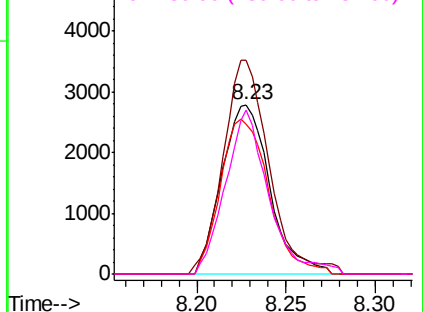
Abundance Ion 95.00 (94.70 to 95.70): VU027344.D (-2530) (-)
Ion 174.00 (173.70 to 174.70): VU027344.D (-2530) (-)
Ion 176.00 (175.70 to 176.70): VU027344.D (-2530) (-)

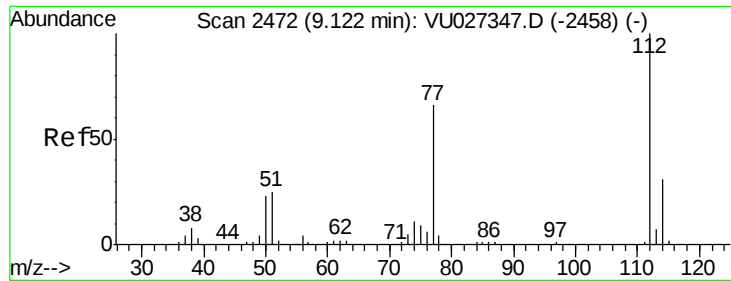


#58
Tetrachloroethene
Concen: 0.787 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 164 Resp: 5236
Ion Ratio Lower Upper
164 100
166 125.9 99.9 149.9
129 88.7 78.6 117.8
131 96.7 73.6 110.4

Abundance Ion 163.85 (163.55 to 164.55): VU027344.D (-2039) (-)
Ion 165.80 (165.50 to 166.50): VU027344.D (-2039) (-)
Ion 128.90 (128.60 to 129.60): VU027344.D (-2039) (-)
Ion 130.90 (130.60 to 131.60): VU027344.D (-2039) (-)





#59

Chlorobenzene

Concen: 0.948 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

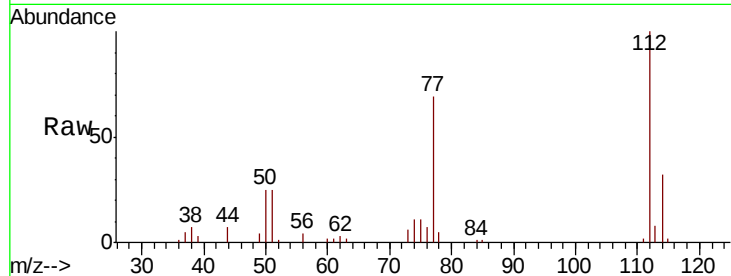
VSTDIC001

Tgt Ion:112 Resp: 14210

Ion Ratio Lower Upper

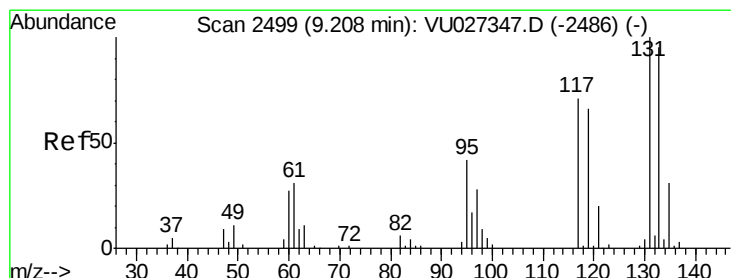
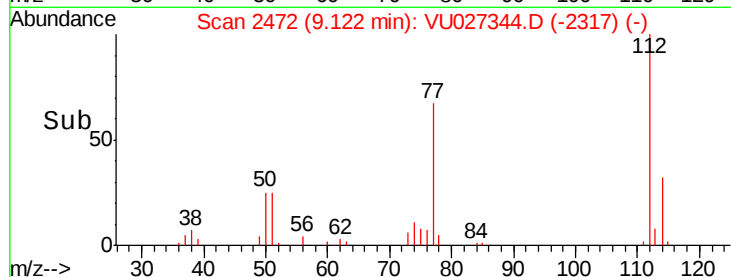
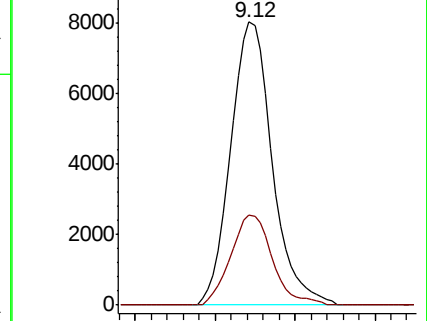
112 100

114 32.0 25.0 37.4



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: 1.095 ug/l

RT: 9.21 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

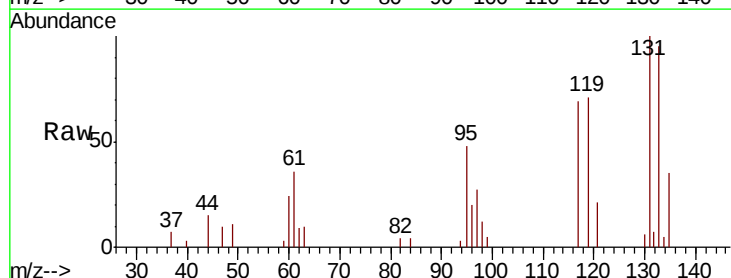
Tgt Ion:131 Resp: 5548

Ion Ratio Lower Upper

131 100

133 95.4 77.1 115.7

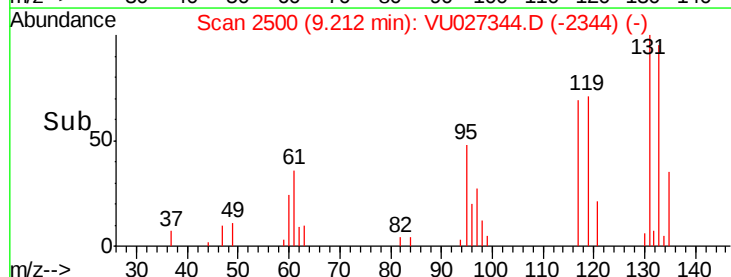
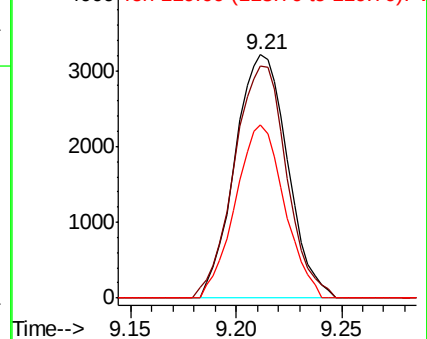
119 66.5 53.6 80.4

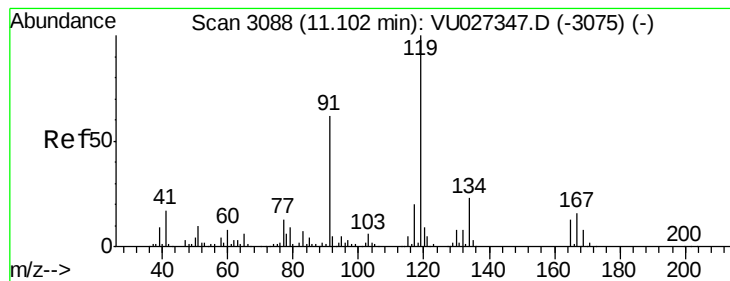


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.461 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

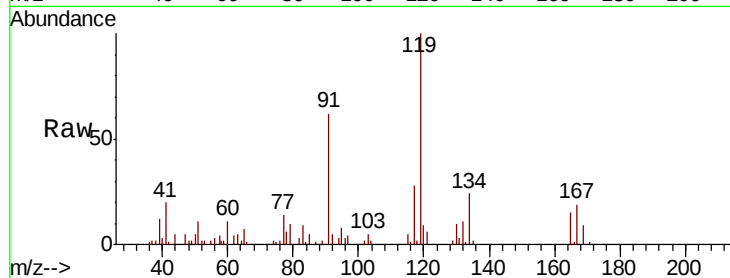
VSTDIC001

Tgt Ion:117 Resp: 4906

Ion Ratio Lower Upper

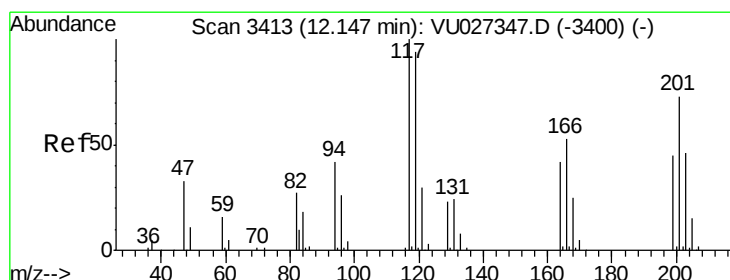
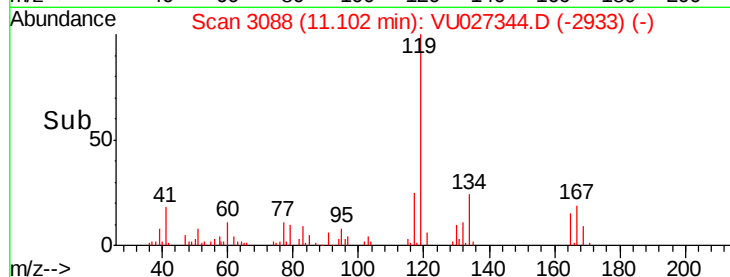
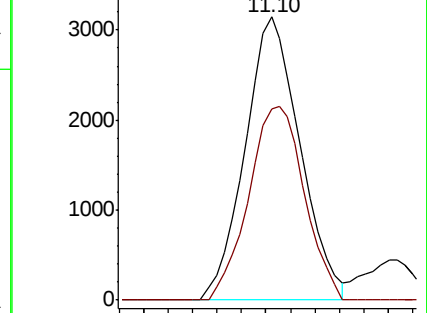
117 100

167 69.0 62.6 93.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.243 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027344.D

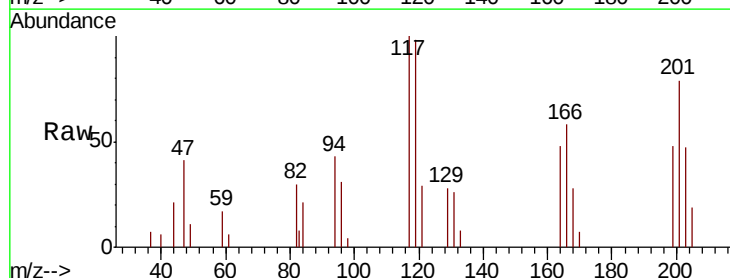
Acq: 02 Oct 2018 15:41

Tgt Ion:117 Resp: 4250

Ion Ratio Lower Upper

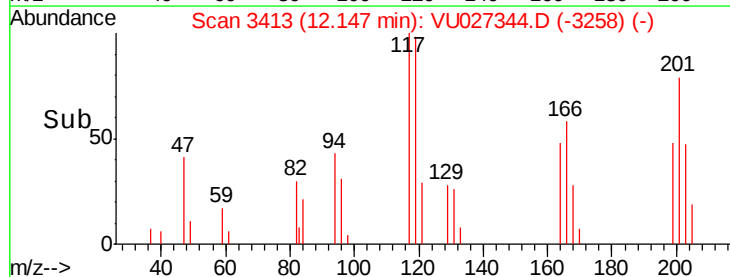
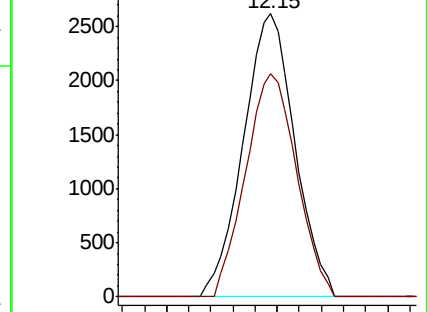
117 100

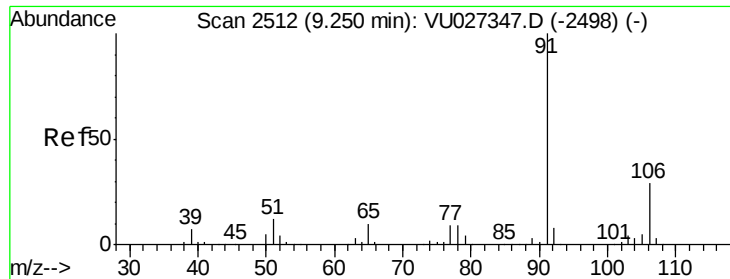
201 77.7 59.3 88.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

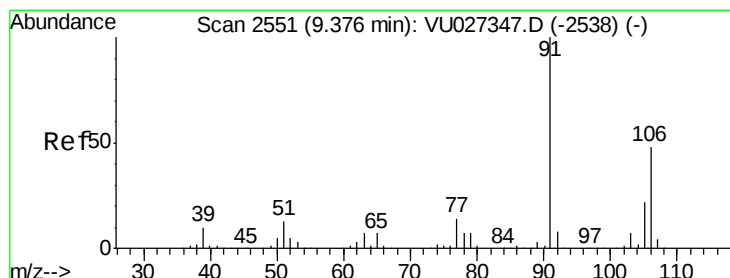
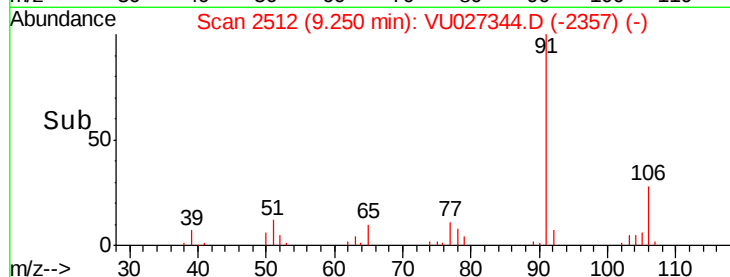
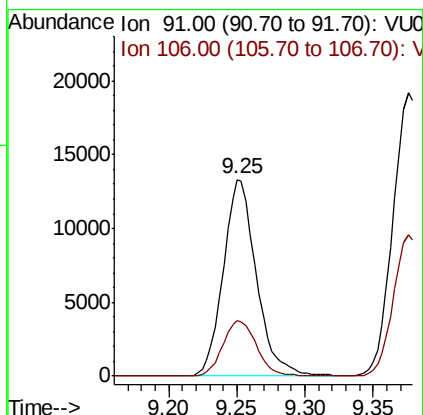
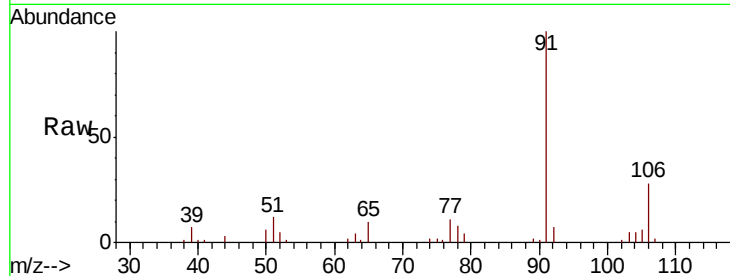




#63
Ethyl Benzene
Concen: 0.859 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

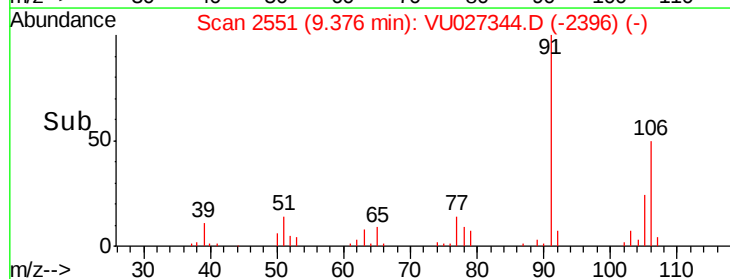
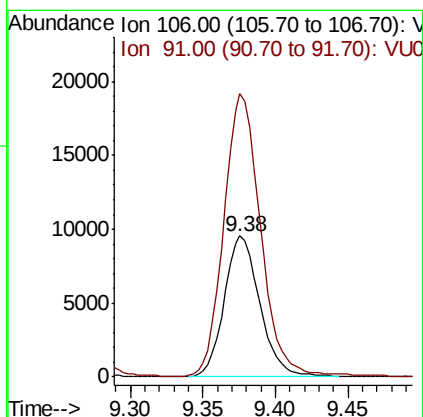
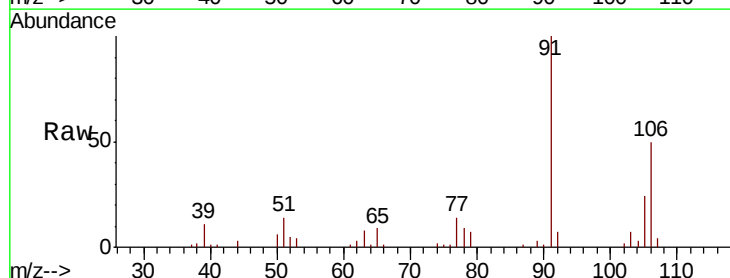
Instrument :
BNA_G
ClientSampleId :
VSTDIC001

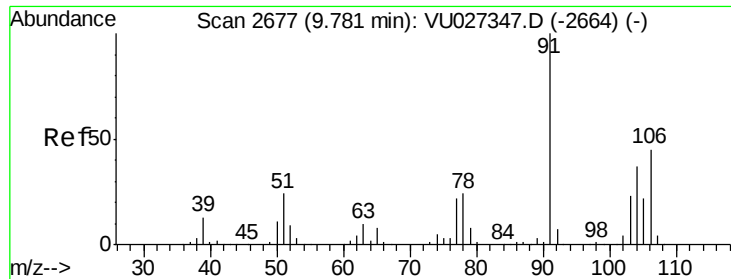
Tgt Ion: 91 Resp: 22482
Ion Ratio Lower Upper
91 100
106 28.1 23.6 35.4



#64
m/p-Xylenes
Concen: 1.632 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion: 106 Resp: 16234
Ion Ratio Lower Upper
106 100
91 208.4 169.8 254.8

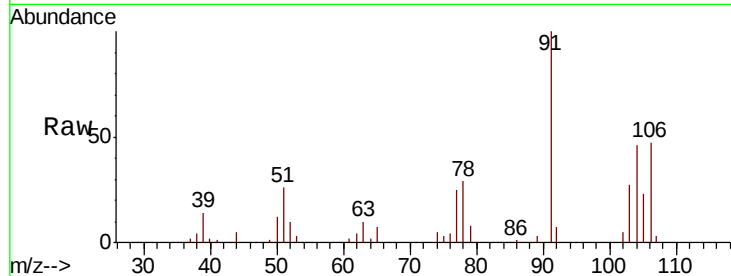




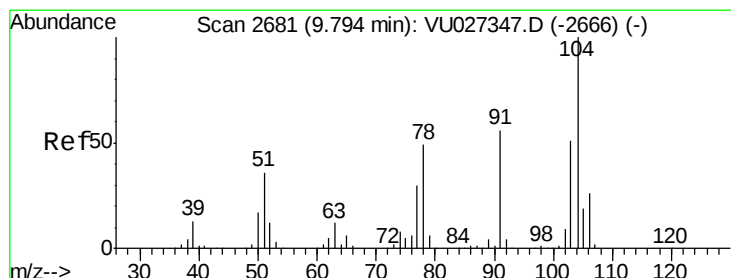
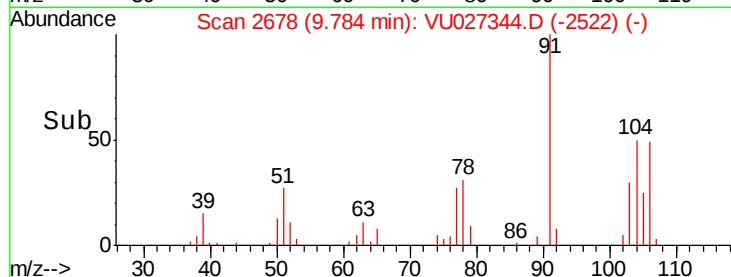
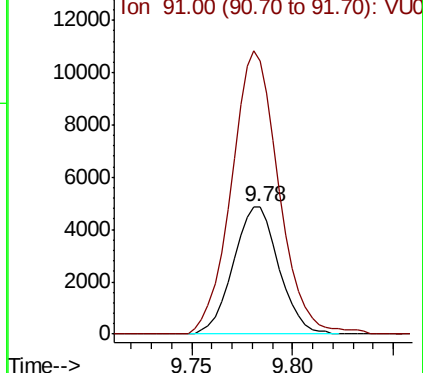
#65
o-Xylene
Concen: 0.799 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7679
Ion Ratio Lower Upper
106 100
91 231.3 111.1 333.2

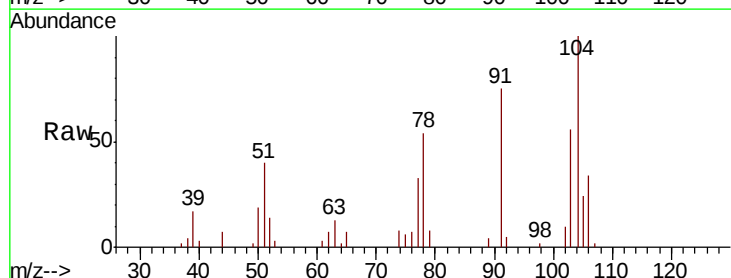


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

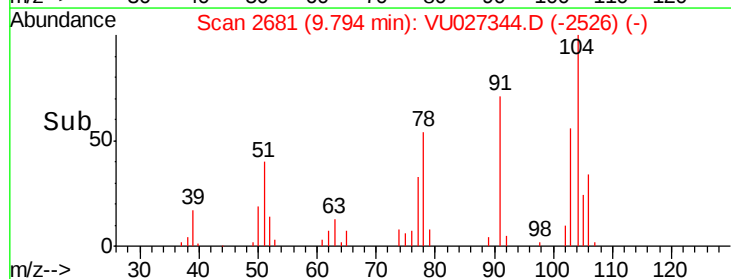
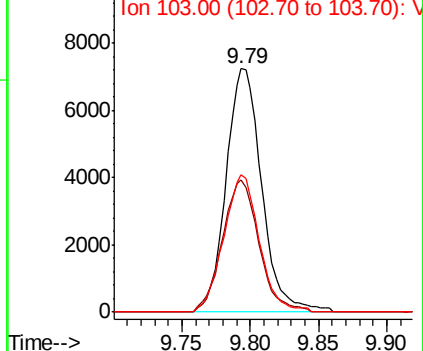


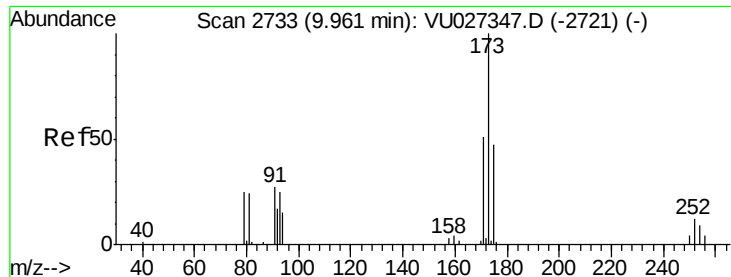
#66
Styrene
Concen: 0.820 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion:104 Resp: 13145
Ion Ratio Lower Upper
104 100
78 55.5 43.1 64.7
103 56.3 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

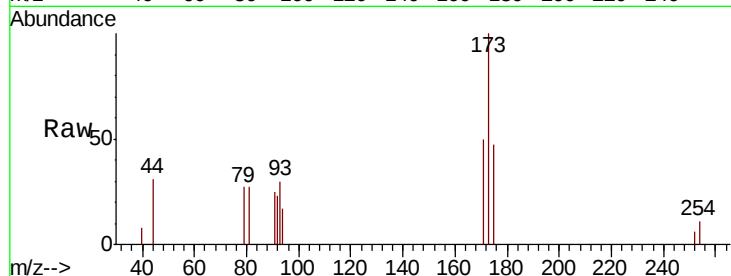




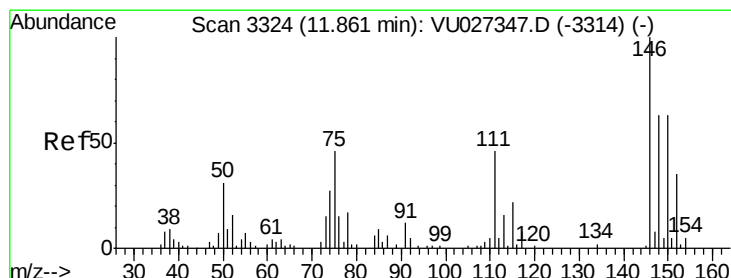
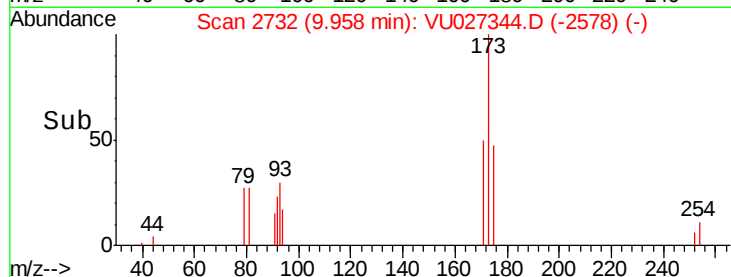
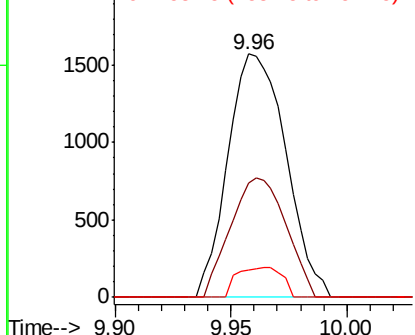
#67
Bromoform
Concen: 1.177 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 2730
Ion Ratio Lower Upper
173 100
175 47.0 38.2 57.4
254 9.5 7.7 11.5

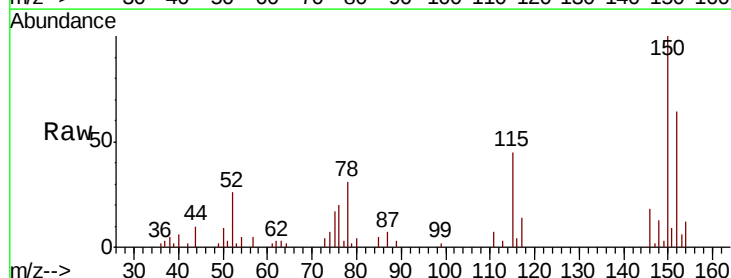


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

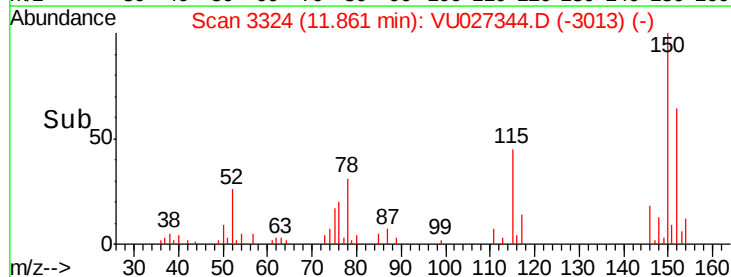
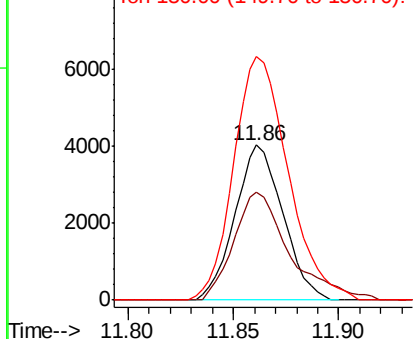


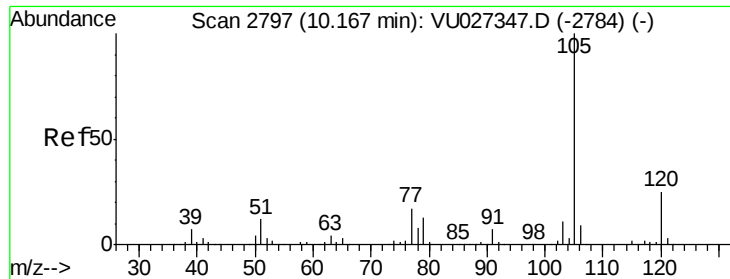
#68
1,2-Dichlorobenzene-d4
Concen: 1.177 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion:152 Resp: 6346
Ion Ratio Lower Upper
152 100
115 81.1 0.0 131.6
150 179.1 0.0 0.0#



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





#69

Isopropylbenzene

Concen: 0.791 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

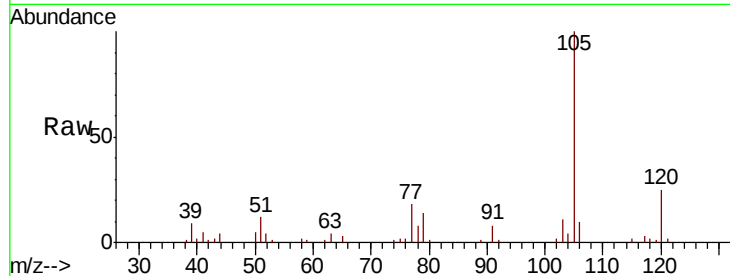
VSTDIC001

Tgt Ion: 105 Resp: 19946

Ion Ratio Lower Upper

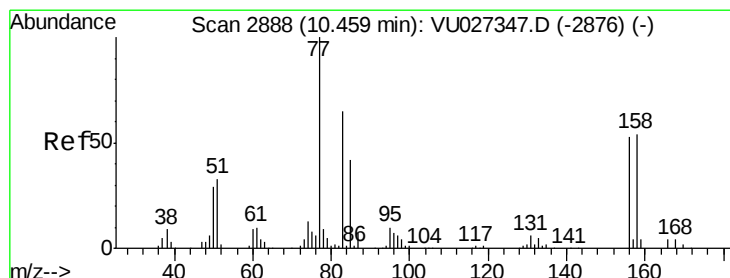
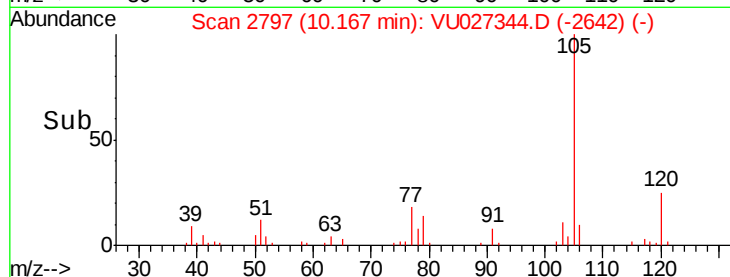
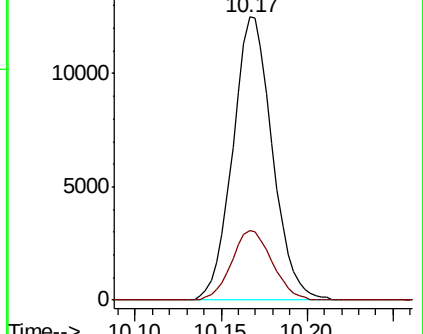
105 100

120 25.1 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.255 ug/l

RT: 10.46 min Scan# 2889

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

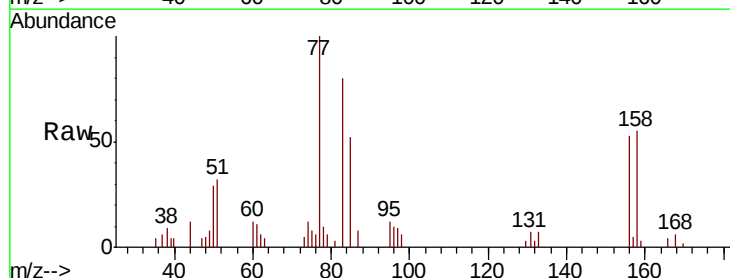
Tgt Ion: 83 Resp: 6334

Ion Ratio Lower Upper

83 100

131 7.8 7.0 10.6

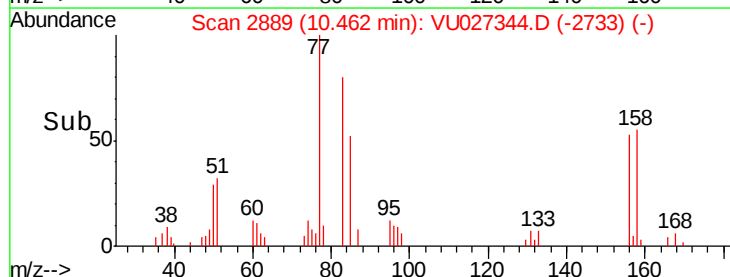
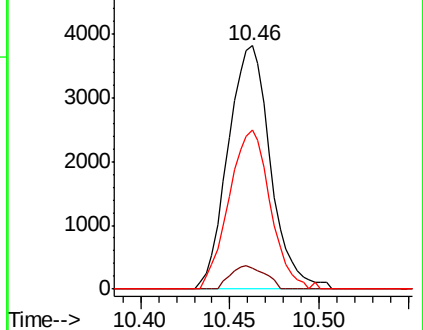
85 63.8 51.4 77.0

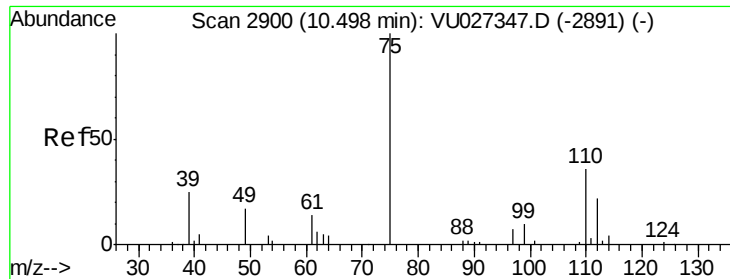


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

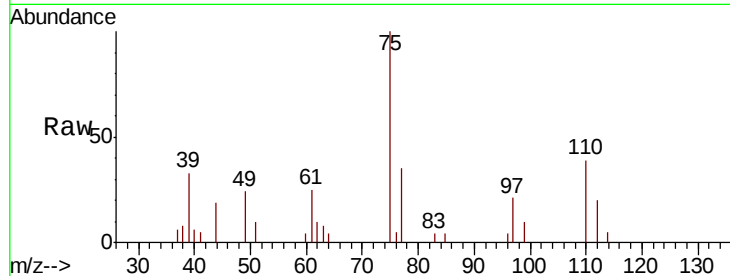




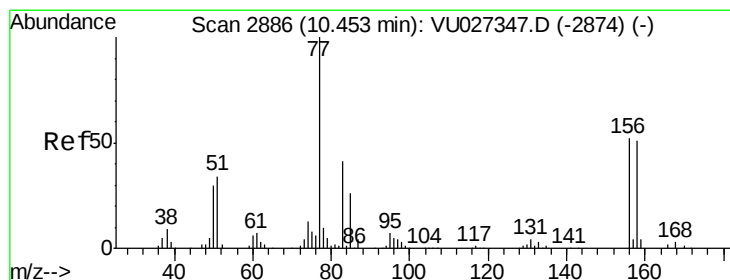
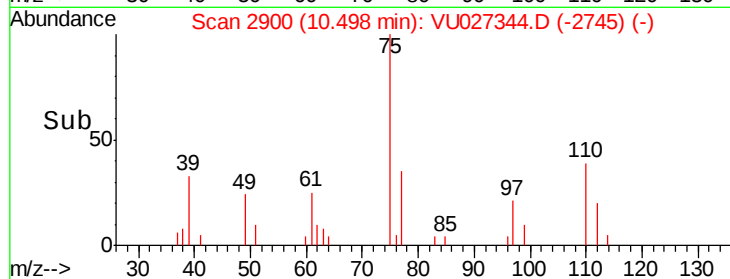
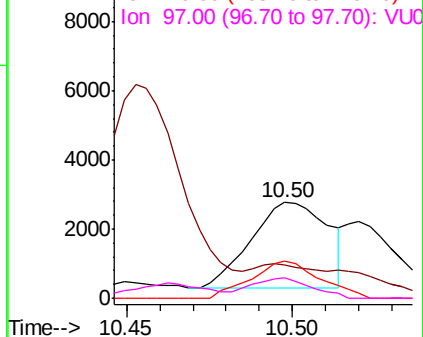
#71
 1,2,3-Trichloropropane
 Concen: 0.964 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

Tgt Ion:	75	Resp:	3998
Ion	Ratio	Lower	Upper
75	100		
77	54.5	0.0	16.6#
110	38.8	0.0	65.4
97	19.3	0.0	31.4

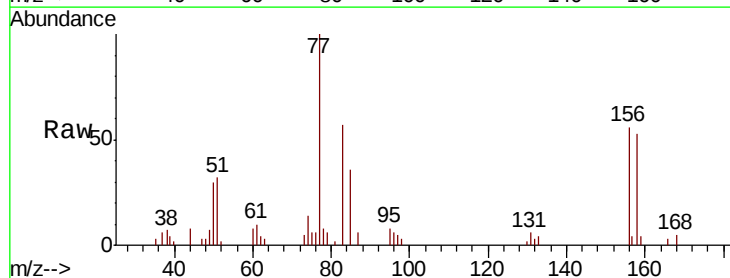


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

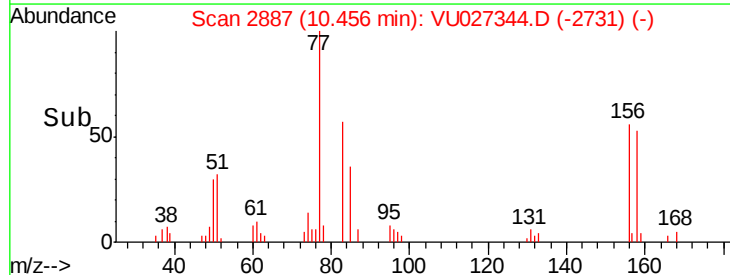
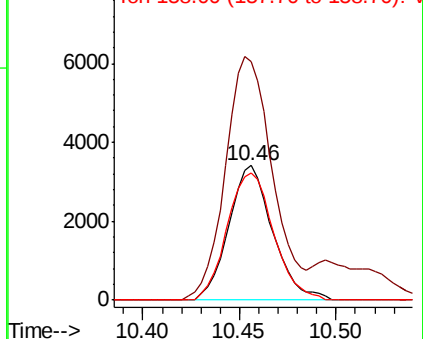


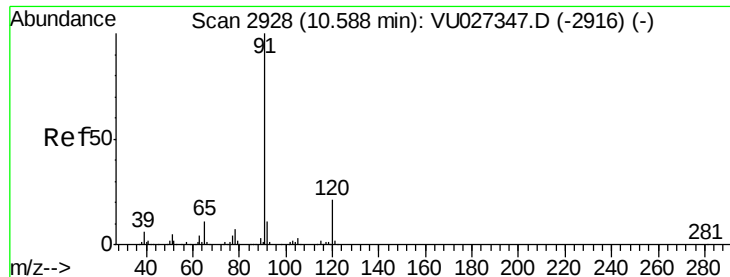
#72
 Bromobenzene
 Concen: 0.854 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion:	156	Resp:	5383
Ion	Ratio	Lower	Upper
156	100		
77	194.7	0.0	387.6
158	100.1	0.0	196.2



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





#73

n-propylbenzene

Concen: 0.764 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

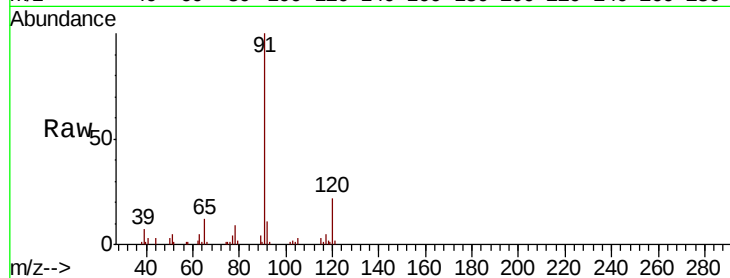
VSTDIC001

Tgt Ion:120 Resp: 5311

Ion Ratio Lower Upper

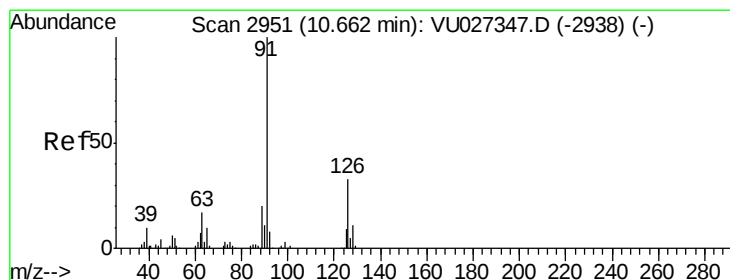
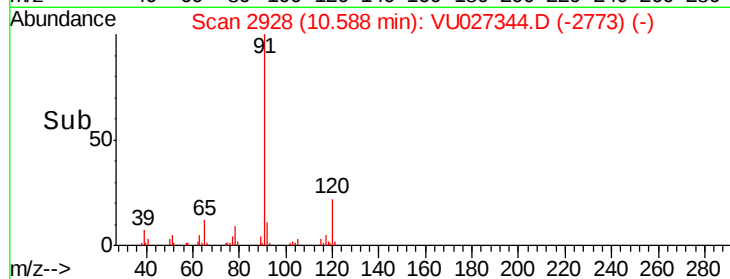
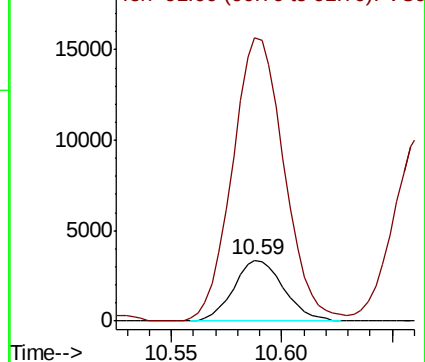
120 100

91 482.0 381.4 572.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.825 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027344.D

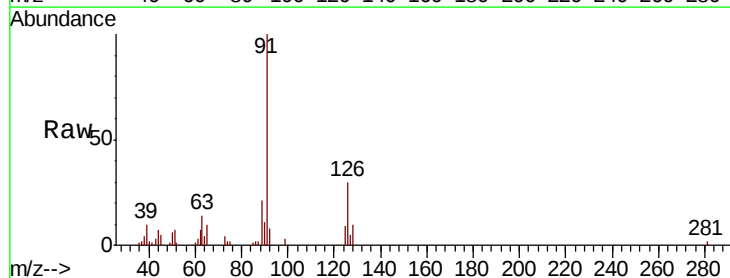
Acq: 02 Oct 2018 15:41

Tgt Ion:126 Resp: 5103

Ion Ratio Lower Upper

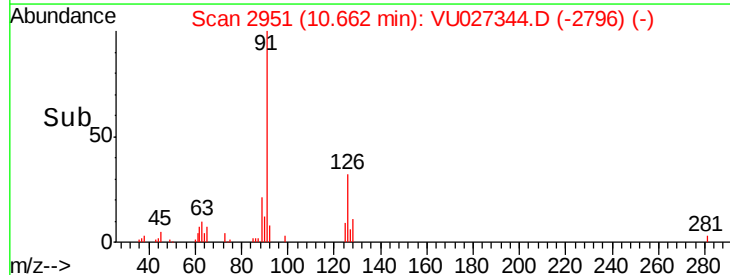
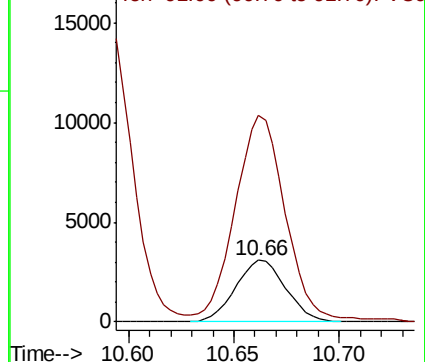
126 100

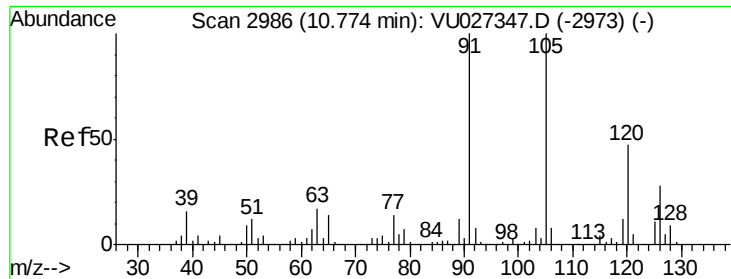
91 328.7 0.0 639.0



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: 0.781 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

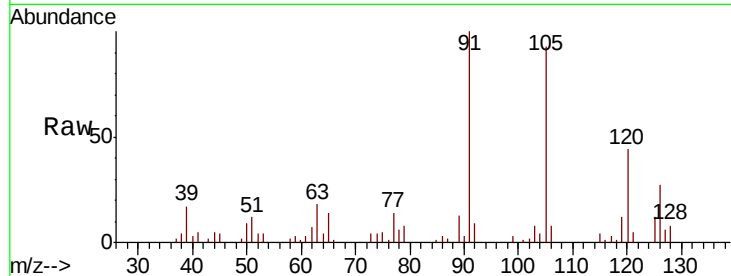
VSTDIC001

Tgt Ion:105 Resp: 16766

Ion Ratio Lower Upper

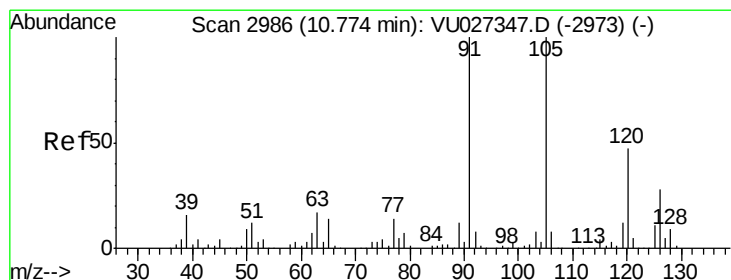
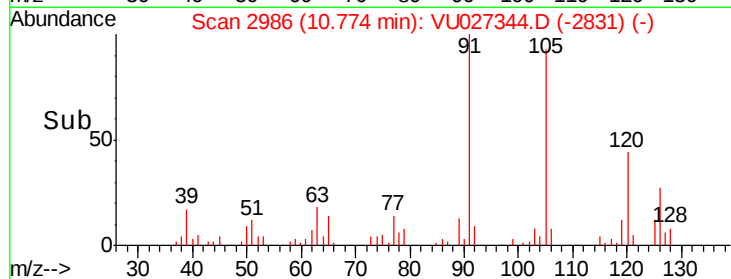
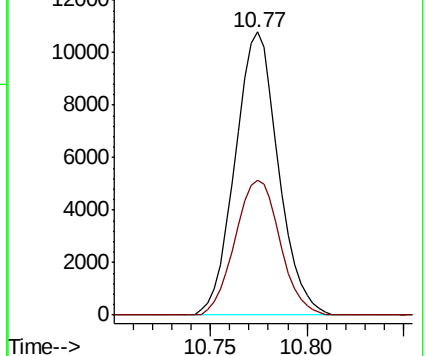
105 100

120 49.6 37.8 56.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.809 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027344.D

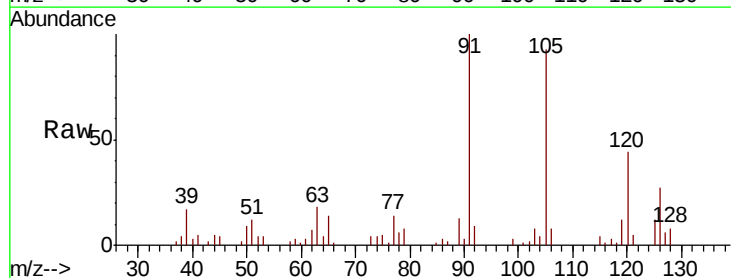
Acq: 02 Oct 2018 15:41

Tgt Ion:126 Resp: 5159

Ion Ratio Lower Upper

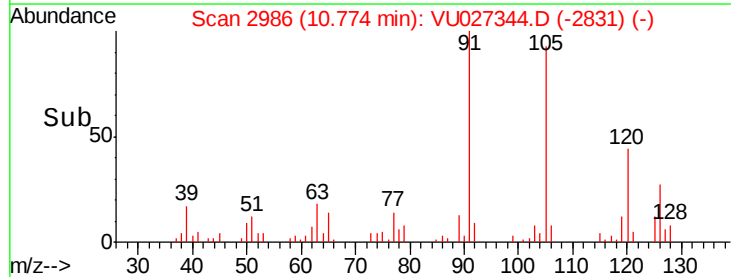
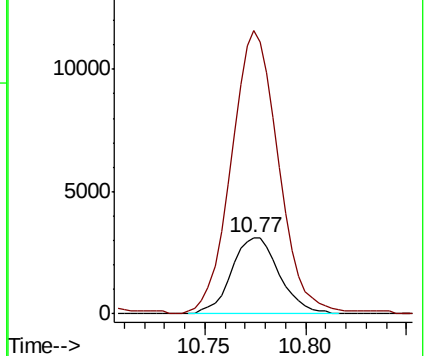
126 100

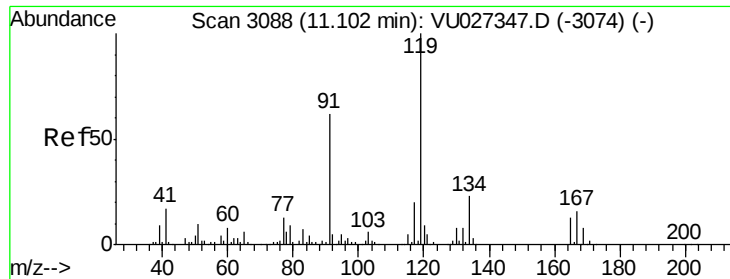
91 369.7 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

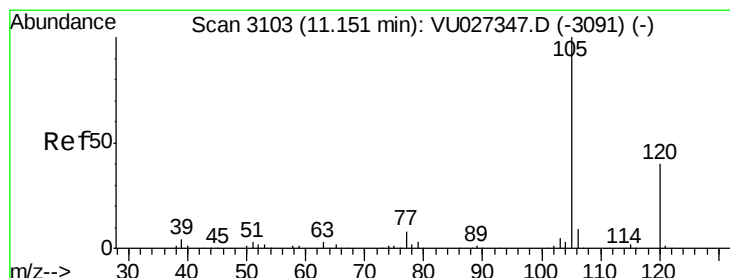
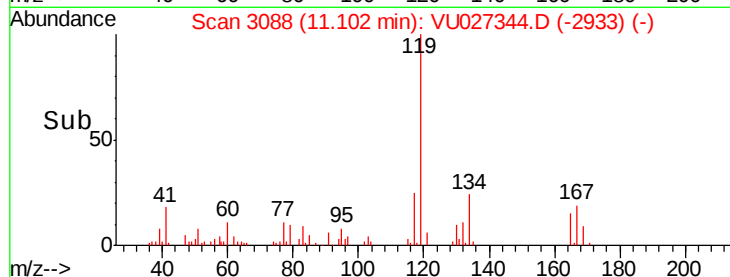
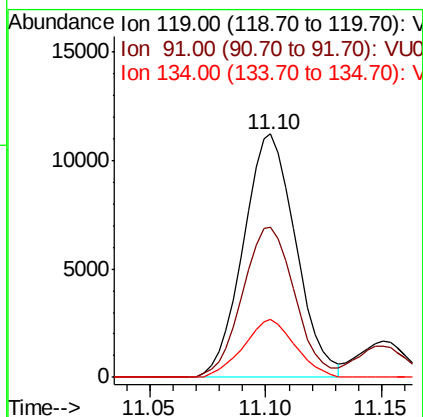
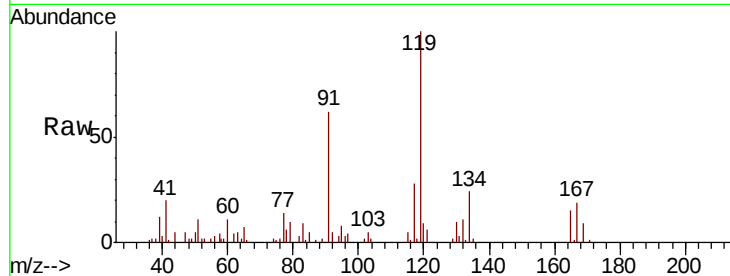




#77
 tert-Butylbenzene
 Concen: 0.873 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

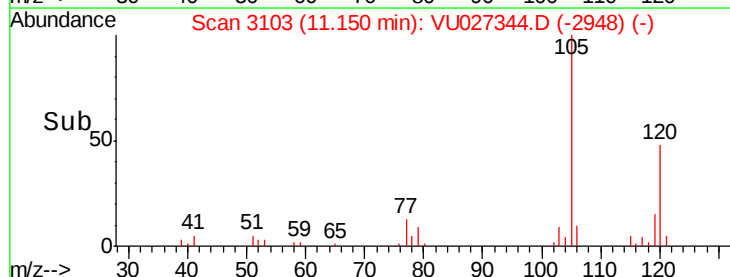
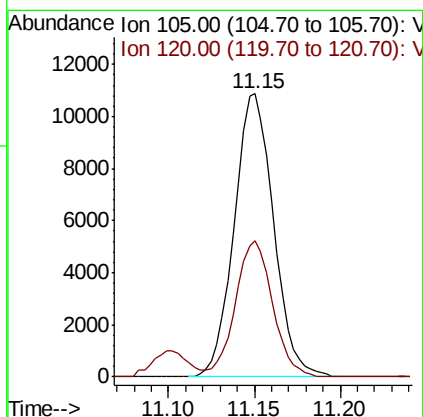
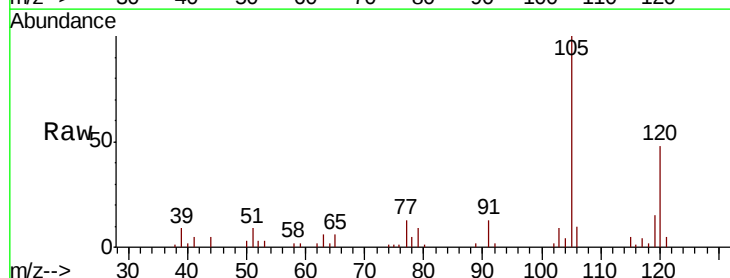
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

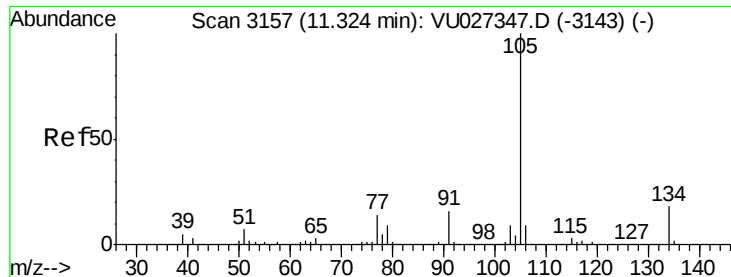
Tgt Ion:119 Resp: 17674
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.4 94.3
 134 23.4 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 0.785 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion:105 Resp: 17372
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.9 65.7

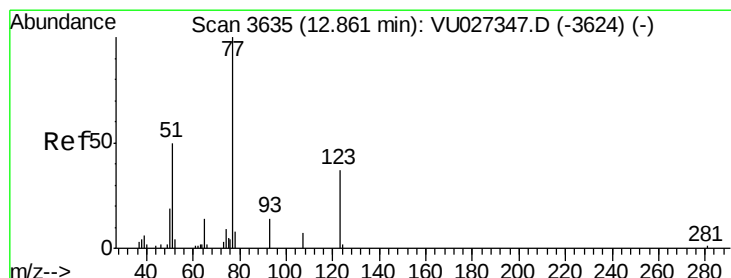
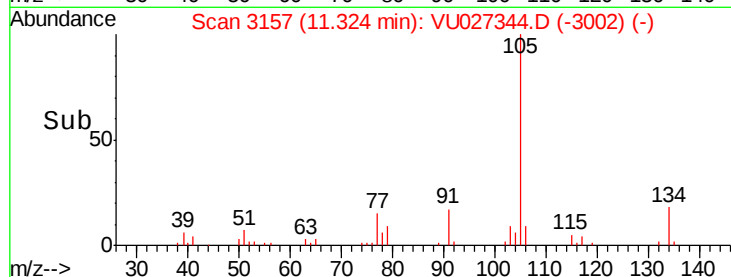
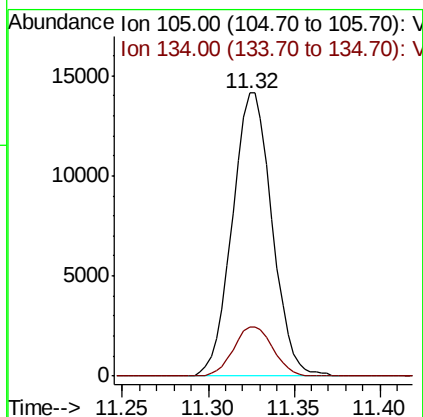
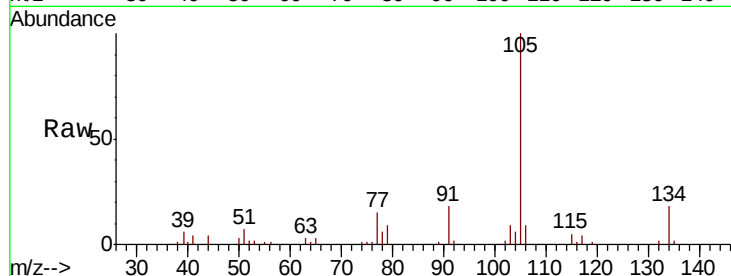




#79
 sec-Butylbenzene
 Concen: 0.796 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

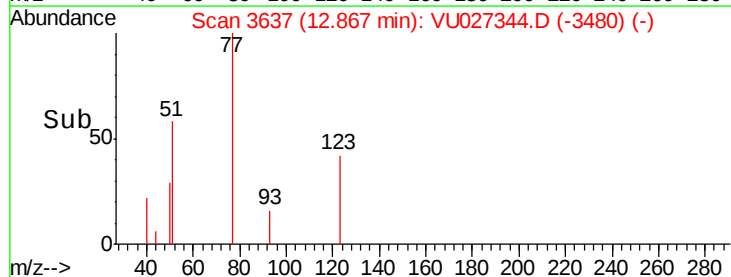
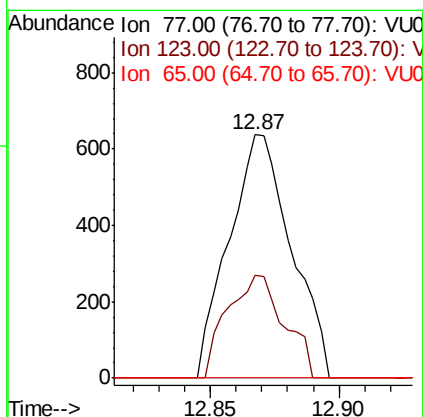
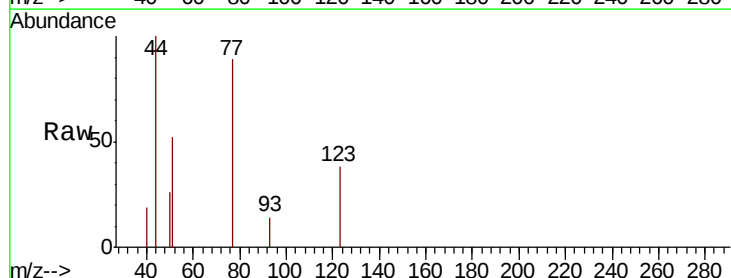
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

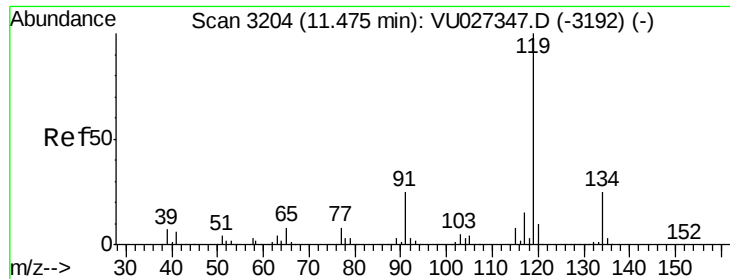
Tgt Ion: 105 Resp: 22686
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.8 22.2



#80
 Nitrobenzene
 Concen: 6.661 ug/l
 RT: 12.87 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 77 Resp: 1074
 Ion Ratio Lower Upper
 77 100
 123 38.6 16.4 58.2
 65 0.0 11.7 14.9#

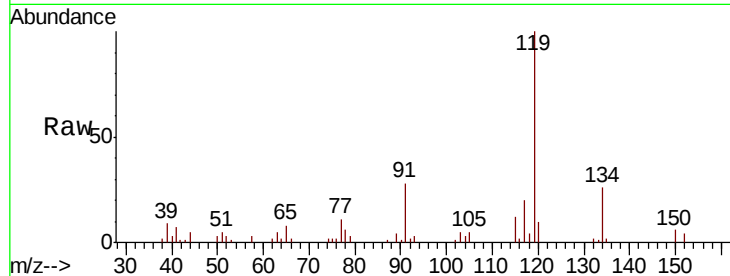




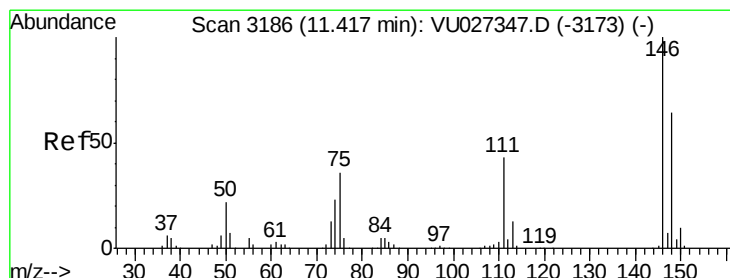
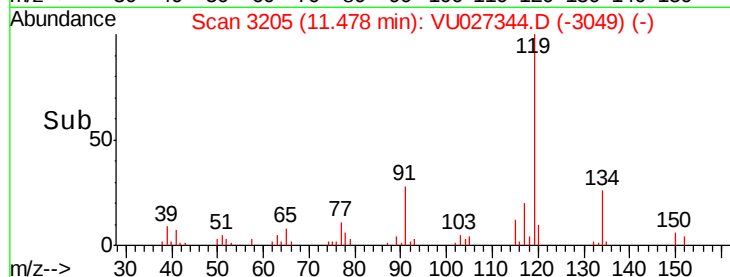
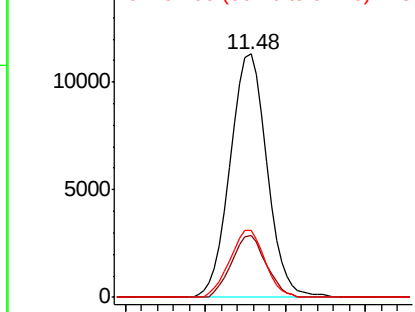
#81
 p-Isopropyltoluene
 Concen: 0.755 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 17730
 Ion Ratio Lower Upper
 119 100
 134 23.7 20.2 30.2
 91 26.2 19.6 29.4

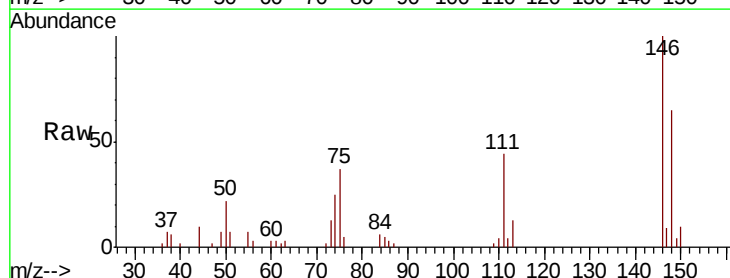


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

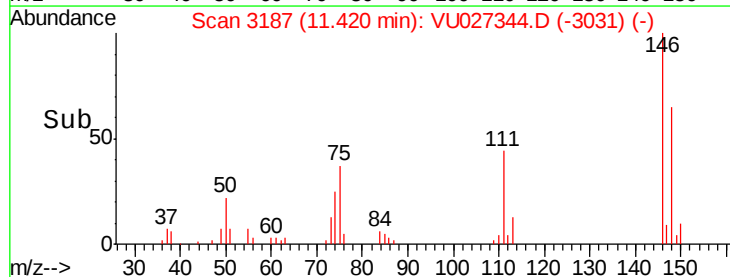
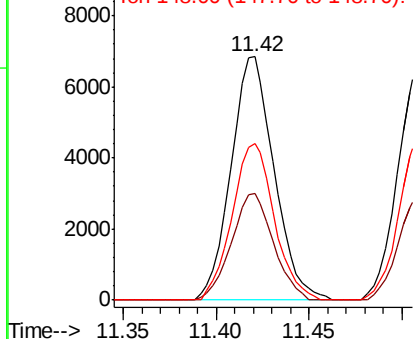


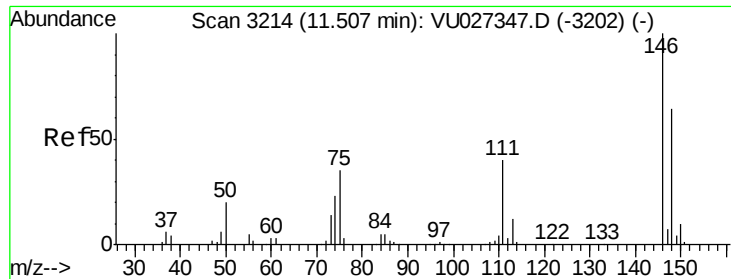
#82
 1,3-Dichlorobenzene
 Concen: 0.878 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion:146 Resp: 11024
 Ion Ratio Lower Upper
 146 100
 111 42.7 34.3 51.5
 148 63.0 51.2 76.8



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

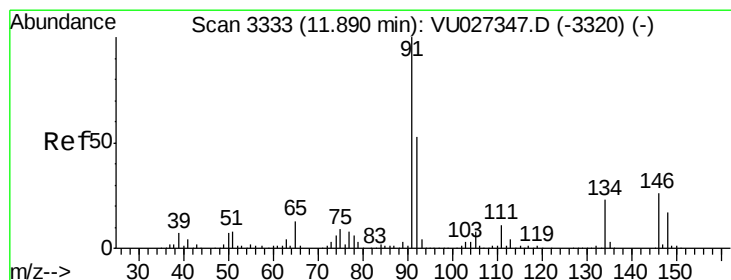
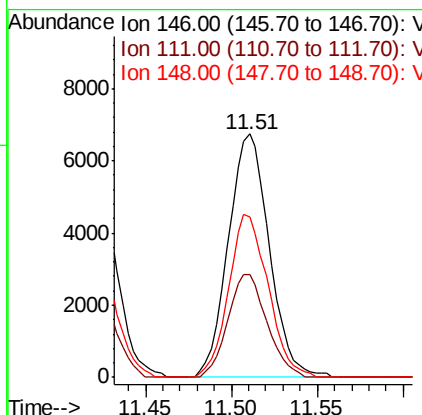
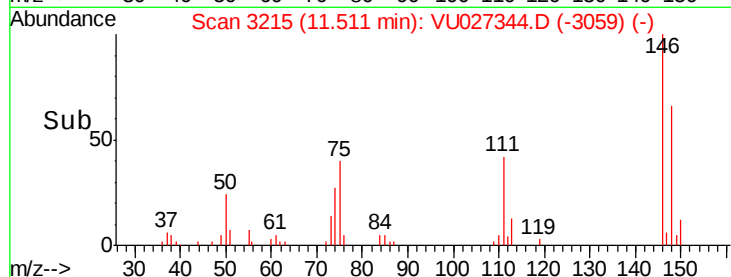
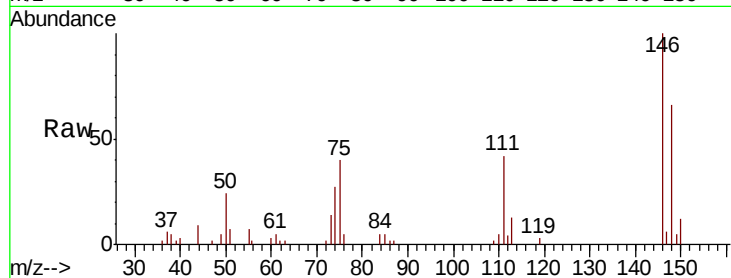




#83
 1,4-Dichlorobenzene
 Concen: 0.886 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

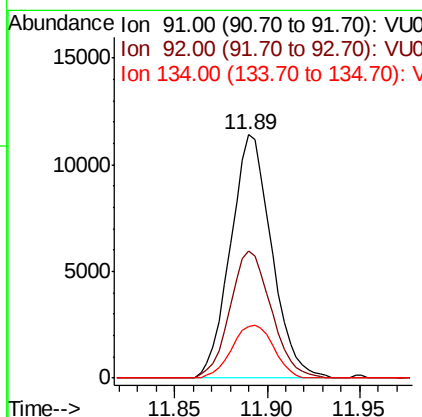
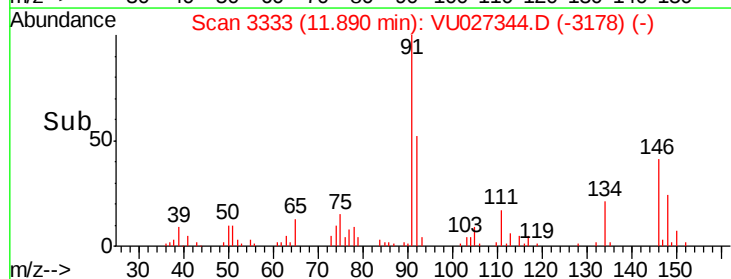
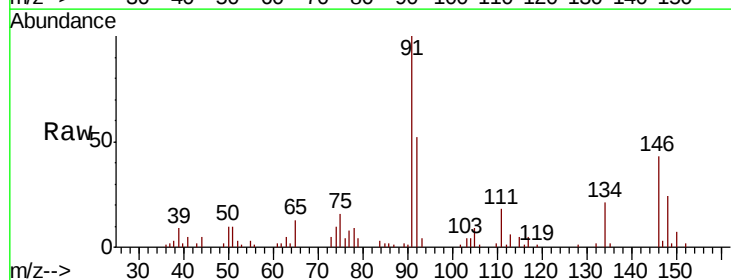
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

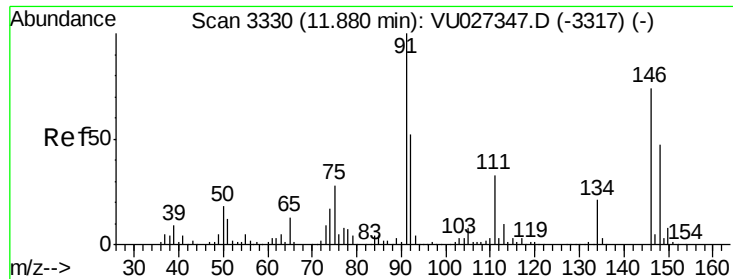
Tgt Ion: 146 Resp: 11145
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.6 49.0
 148 64.7 51.4 77.2



#84
 n-Butylbenzene
 Concen: 0.774 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 91 Resp: 17516
 Ion Ratio Lower Upper
 91 100
 92 52.4 42.2 63.2
 134 22.0 18.2 27.4

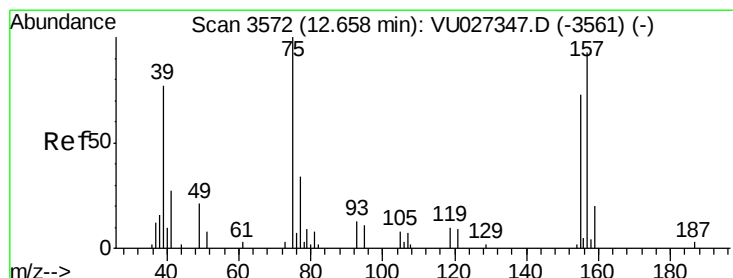
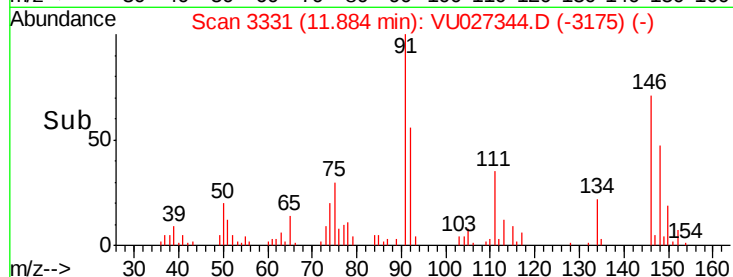
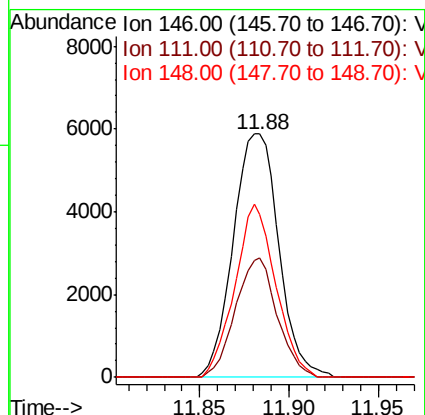
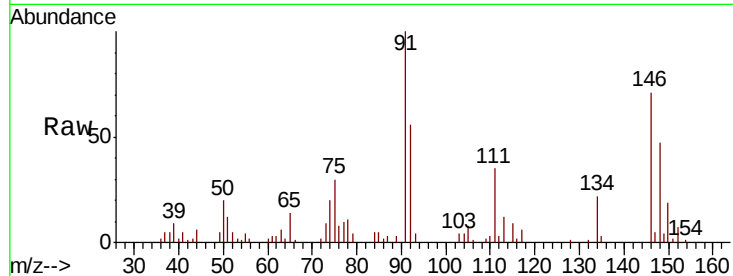




#85
 1,2-Dichlorobenzene
 Concen: 0.894 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

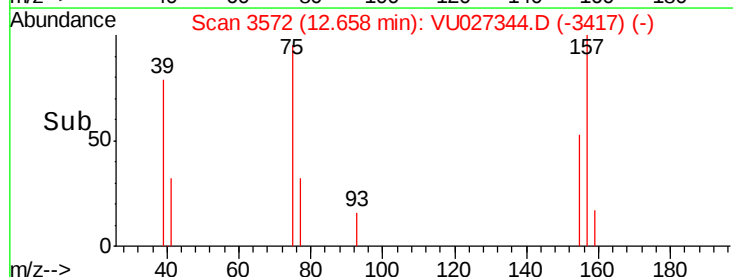
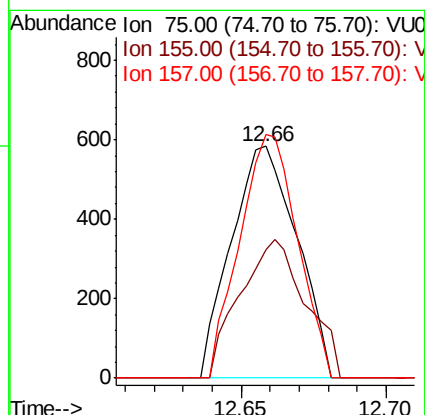
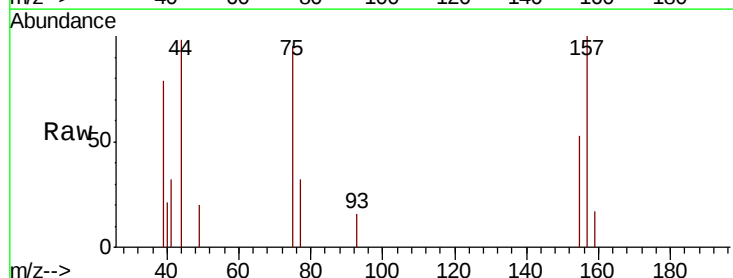
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC001

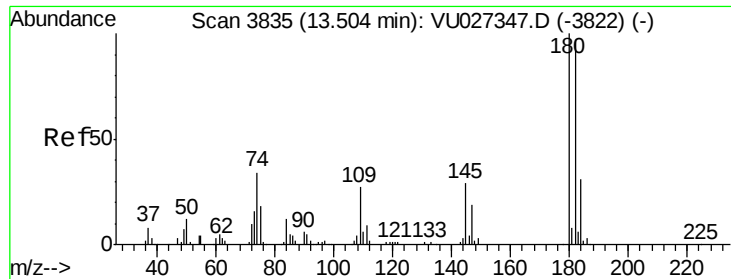
Tgt Ion: 146 Resp: 10485
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.3
 148 63.6 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.247 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027344.D
 Acq: 02 Oct 2018 15:41

Tgt Ion: 75 Resp: 917
 Ion Ratio Lower Upper
 75 100
 155 60.1 56.6 84.8
 157 92.5 71.8 107.6





#87

1,2,4-Trichlorobenzene

Concen: 0.792 ug/l

RT: 13.51 min Scan# 3836

Delta R.T. 0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

Instrument :

BNA_G

ClientSampleId :

VSTDIC001

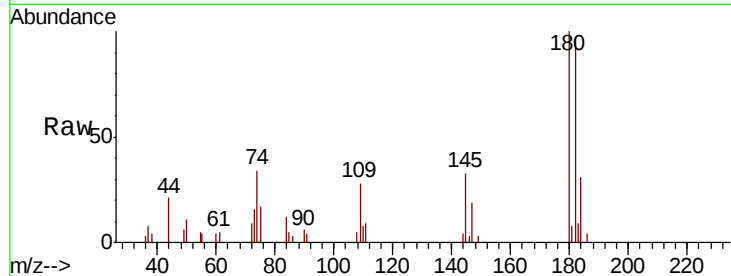
Tgt Ion:180 Resp: 6203

Ion Ratio Lower Upper

180 100

182 98.4 77.5 116.3

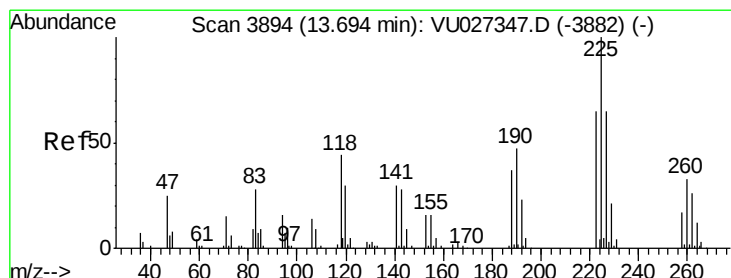
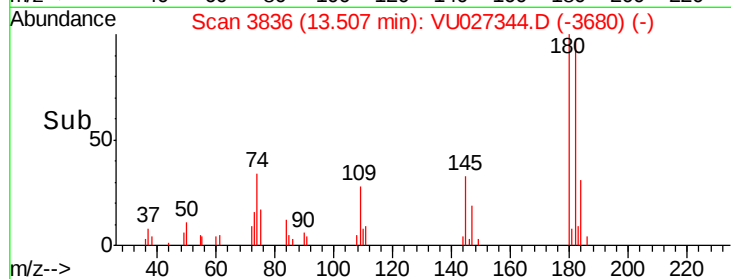
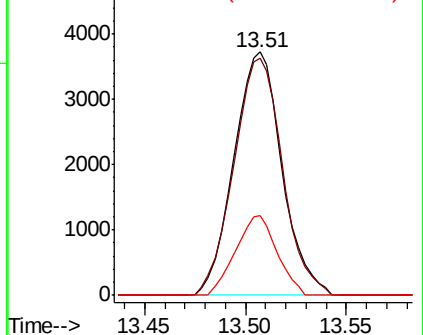
145 28.3 23.9 35.9



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 0.921 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. -0.00 min

Lab File: VU027344.D

Acq: 02 Oct 2018 15:41

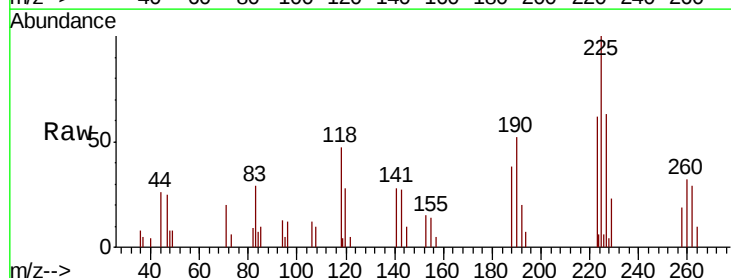
Tgt Ion:225 Resp: 4493

Ion Ratio Lower Upper

225 100

223 64.7 51.4 77.0

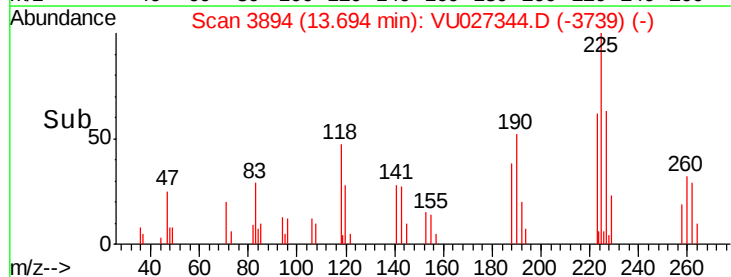
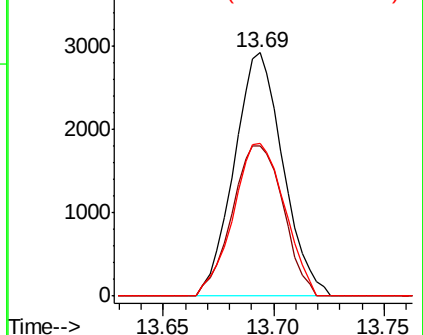
227 65.8 52.3 78.5

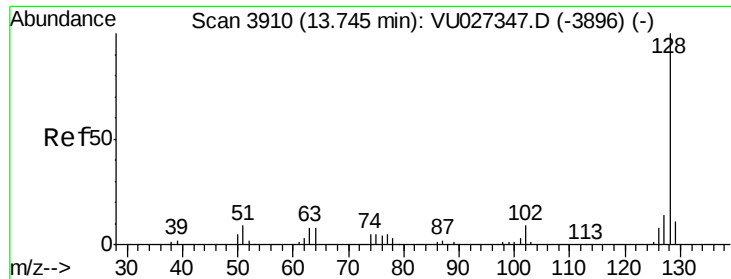


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V

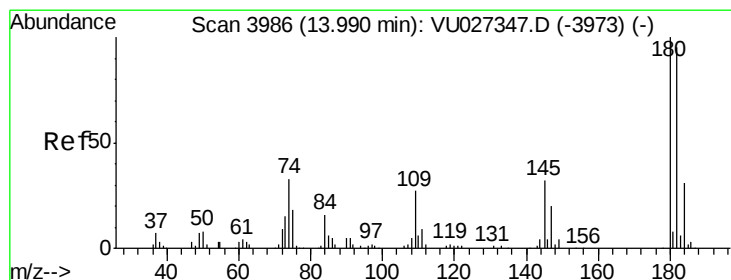
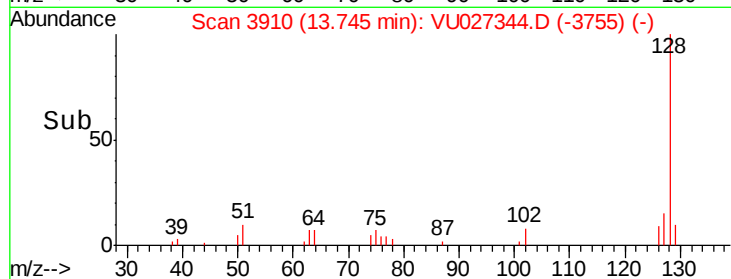
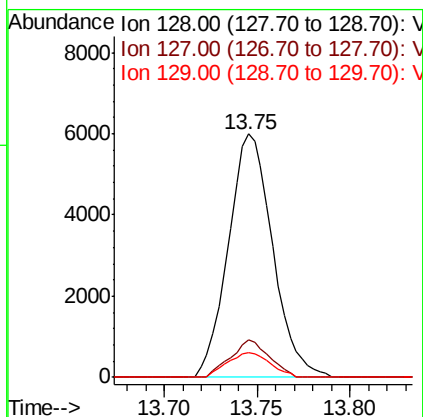
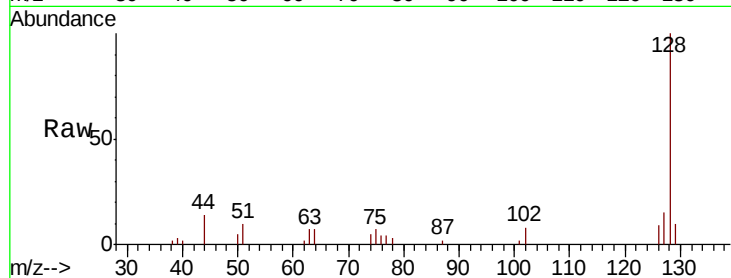




#89
Naphthalene
Concen: 0.789 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Instrument :
BNA_G
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 9934
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 9.7 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.800 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. -0.00 min
Lab File: VU027344.D
Acq: 02 Oct 2018 15:41

Tgt Ion:180 Resp: 5939
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 31.3 25.8 38.8

